

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127308.D
 Acq On : 11 Mar 2022 19:14
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 12 03:25:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 12 03:23:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	133514	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	479684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	282296	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496062	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	372400	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	280555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	642571	77.368	ng	0.00
7) Phenol-d6	6.504	99	908287	79.498	ng	0.00
23) Nitrobenzene-d5	7.434	82	680754	58.609	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240554	79.158	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1150582	57.623	ng	0.00
79) Terphenyl-d14	12.992	244	1288691	59.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	29001	6.734	ng	# 82
3) Pyridine	3.469	79	76895	6.710	ng	# 78
4) n-Nitrosodimethylamine	3.387	42	44473	7.004	ng	# 66
6) Aniline	6.534	93	127122	9.310	ng	97
8) 2-Chlorophenol	6.657	128	70001	8.147	ng	96
9) Benzaldehyde	6.422	77	70890	10.644	ng	95
10) Phenol	6.516	94	103541	8.250	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	79454	8.525	ng	90
12) 1,3-Dichlorobenzene	6.810	146	80318	8.328	ng	98
13) 1,4-Dichlorobenzene	6.886	146	82312	8.507	ng	98
14) 1,2-Dichlorobenzene	7.039	146	75289	8.268	ng	96
15) Benzyl Alcohol	7.010	79	69357	8.099	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	143185	8.186	ng	99
17) 2-Methylphenol	7.116	107	62795	8.597	ng	# 92
18) Hexachloroethane	7.375	117	30232	8.134	ng	# 83
19) n-Nitroso-di-n-propyla...	7.275	70	62025	8.699	ng	93
20) 3+4-Methylphenols	7.275	107	78505	8.287	ng	# 59
22) Acetophenone	7.275	105	110462	8.411	ng	# 90
24) Nitrobenzene	7.451	77	90945	8.278	ng	97
25) Isophorone	7.686	82	164093	8.786	ng	99
26) 2-Nitrophenol	7.769	139	36848	8.099	ng	# 88
27) 2,4-Dimethylphenol	7.798	122	65052	9.525	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	101659	8.590	ng	97
29) 2,4-Dichlorophenol	8.010	162	63465	8.114	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	74668	8.374	ng	97
31) Naphthalene	8.175	128	223908	8.750	ng	99
32) Benzoic acid	7.892	122	16072m	3.792	ng	
33) 4-Chloroaniline	8.222	127	88162	8.889	ng	95
34) Hexachlorobutadiene	8.281	225	46328	7.791	ng	97
35) Caprolactam	8.569	113	18906	8.091	ng	# 77
36) 4-Chloro-3-methylphenol	8.704	107	70335	8.297	ng	97
37) 2-Methylnaphthalene	8.863	142	149646	8.950	ng	97
38) 1-Methylnaphthalene	8.963	142	139471	8.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	75998	8.504	ng	# 93
41) Hexachlorocyclopentadiene	9.010	237	20048	6.384	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	42187	7.480	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127308.D
 Acq On : 11 Mar 2022 19:14
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 12 03:25:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 12 03:23:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

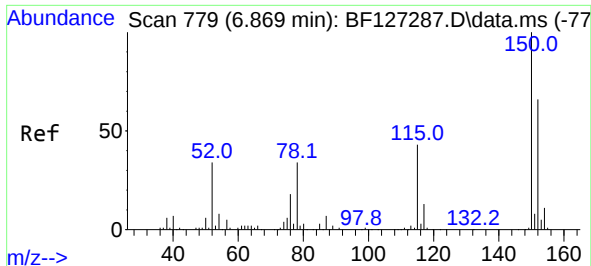
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	43199m	7.217	ng	
46) 1,1'-Biphenyl	9.328	154	188323	8.839	ng	97
47) 2-Chloronaphthalene	9.351	162	142825	8.612	ng	99
48) 2-Nitroaniline	9.451	65	50935	7.982	ng	91
49) Acenaphthylene	9.769	152	233483	9.199	ng	98
50) Dimethylphthalate	9.622	163	165561	8.185	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35500	8.676	ng	94
52) Acenaphthene	9.939	154	128251	8.477	ng	94
53) 3-Nitroaniline	9.863	138	37345	8.375	ng	98
54) 2,4-Dinitrophenol	9.980	184	8632	4.281	ng	88
55) Dibenzofuran	10.110	168	199775	8.500	ng	98
56) 4-Nitrophenol	10.033	139	18677	6.891	ng	83
57) 2,4-Dinitrotoluene	10.098	165	45305	8.415	ng	# 94
58) Fluorene	10.457	166	156430	8.583	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	35956	7.228	ng	# 79
60) Diethylphthalate	10.322	149	151660	8.219	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	82834	8.386	ng	89
62) 4-Nitroaniline	10.474	138	34615	7.790	ng	84
63) Azobenzene	10.610	77	174681	8.236	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	20038	6.551	ng	88
66) n-Nitrosodiphenylamine	10.569	169	133873	8.690	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	49691	8.310	ng	92
68) Hexachlorobenzene	11.004	284	53822	8.259	ng	# 90
69) Atrazine	11.092	200	49020	9.221	ng	94
70) Pentachlorophenol	11.204	266	14296	5.433	ng	96
71) Phenanthrene	11.421	178	225128	8.597	ng	100
72) Anthracene	11.474	178	225835	8.708	ng	99
73) Carbazole	11.633	167	200864	8.225	ng	97
74) Di-n-butylphthalate	11.951	149	241473	8.454	ng	100
75) Fluoranthene	12.616	202	246978	8.435	ng	93
77) Benzidine	12.739	184	117190	12.375	ng	98
78) Pyrene	12.845	202	249210	8.592	ng	100
80) Butylbenzylphthalate	13.457	149	89713	8.036	ng	# 90
81) Benzo(a)anthracene	14.033	228	204197	8.144	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	69386	8.900	ng	# 94
83) Chrysene	14.074	228	189386	8.120	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	124861	8.309	ng	# 97
85) Di-n-octyl phthalate	14.627	149	181371	7.974	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	124704	7.378	ng	# 86
88) Benzo(b)fluoranthene	15.092	252	165527	8.988	ng	# 91
89) Benzo(k)fluoranthene	15.121	252	145706	8.415	ng	# 93
90) Benzo(a)pyrene	15.468	252	139218	9.600	ng	# 92
91) Dibenzo(a,h)anthracene	17.045	278	111515	7.928	ng	# 91
92) Benzo(g,h,i)perylene	17.486	276	104313	7.602	ng	# 86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

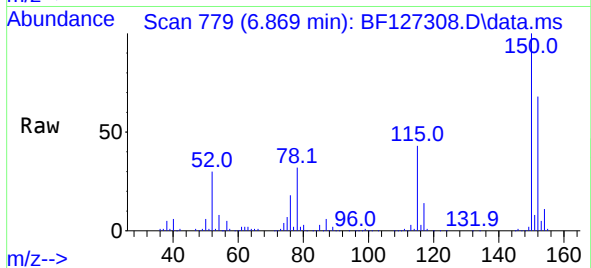
Quant Time: Mar 12 03:25:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 12 03:23:46 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

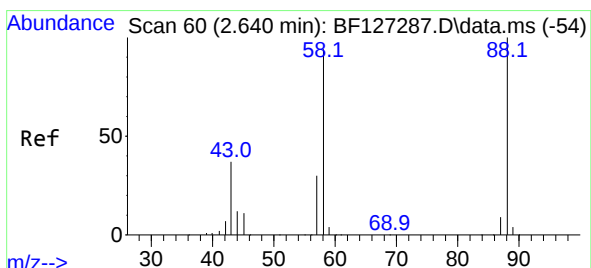
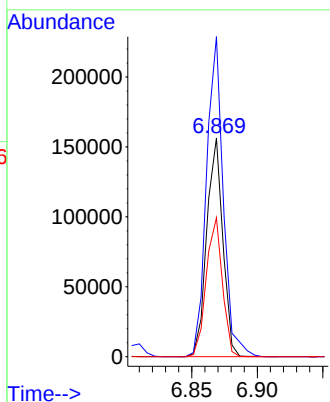
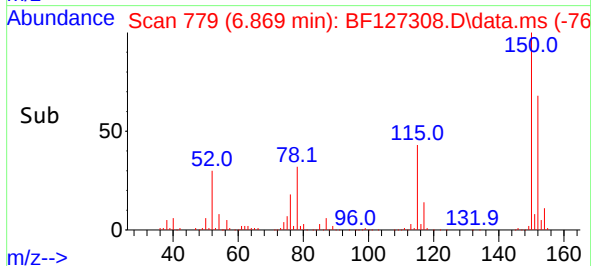
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



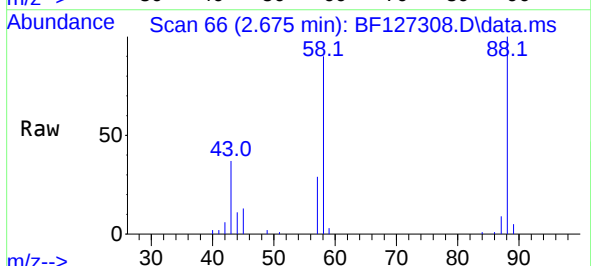
Tgt Ion:152 Resp: 133514
Ion Ratio Lower Upper
152 100
150 146.3 128.1 192.1
115 63.5 56.7 85.1

Manual Integrations
APPROVED

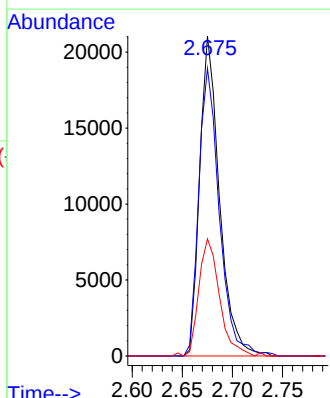
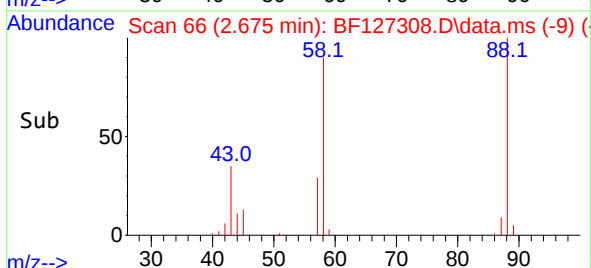
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

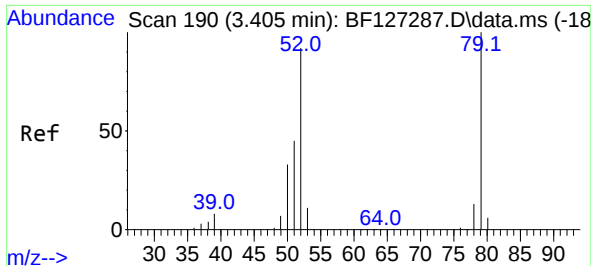


#2
1,4-Dioxane
Concen: 6.734 ng
RT: 2.675 min Scan# 66
Delta R.T. 0.035 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



Tgt Ion: 88 Resp: 29001
Ion Ratio Lower Upper
88 100
58 93.5 62.8 94.2
43 38.2 22.3 33.5#





#3

Pyridine

Concen: 6.710 ng

RT: 3.469 min Scan# 201

Delta R.T. 0.065 min

Lab File: BF127308.D

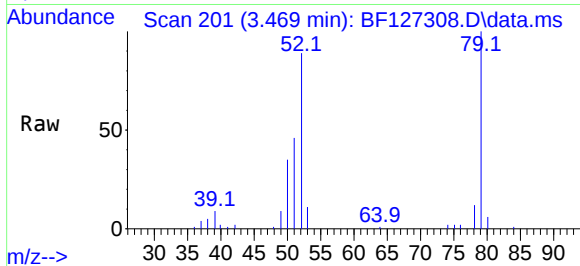
Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022



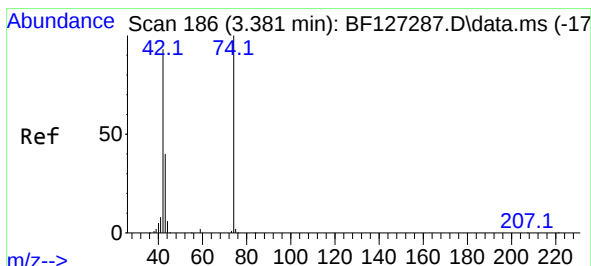
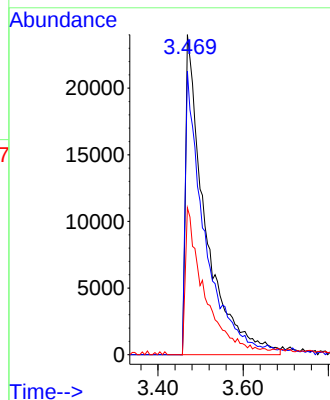
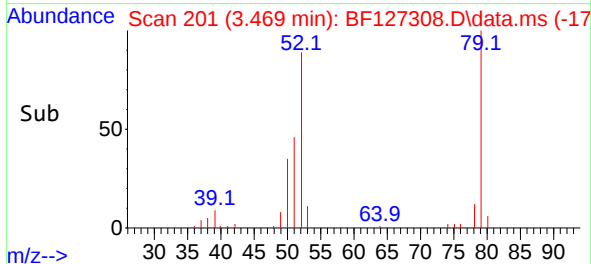
Tgt Ion:	79	Resp:	7689
Ion Ratio	Lower	Upper	
79	100		
52	88.6	56.2	84.4
51	45.9	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#4

n-Nitrosodimethylamine

Concen: 7.004 ng

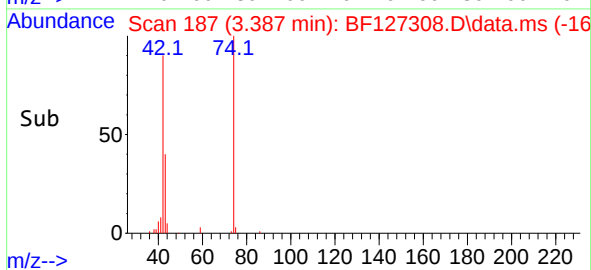
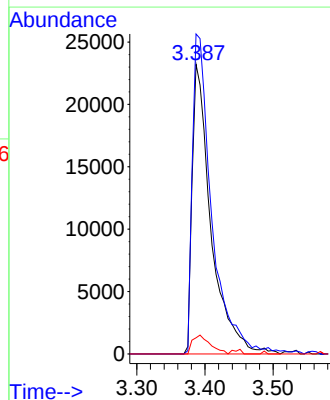
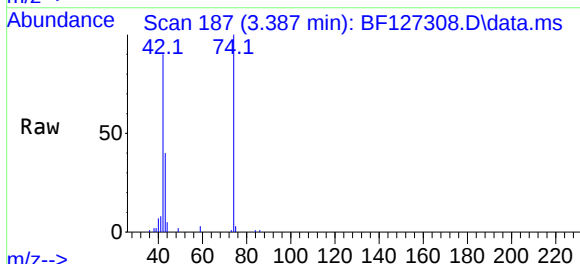
RT: 3.387 min Scan# 187

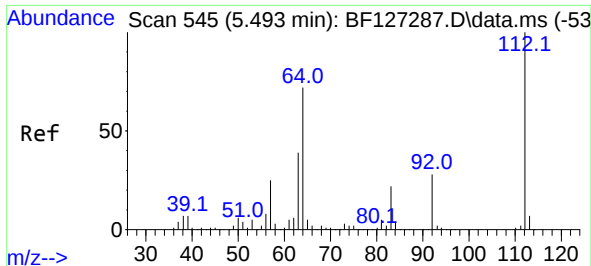
Delta R.T. 0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

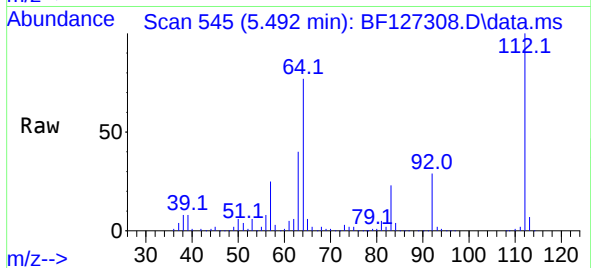
Tgt Ion:	42	Resp:	44473
Ion Ratio	Lower	Upper	
42	100		
74	110.5	125.6	188.4
44	5.6	5.7	8.5





#5
2-Fluorophenol
Concen: 77.368 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

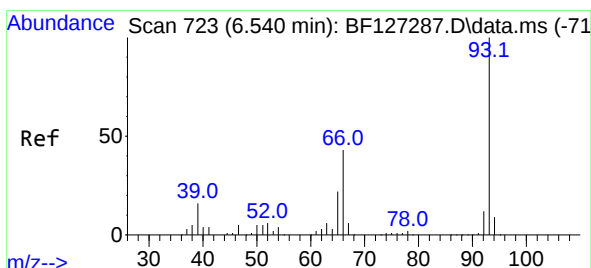
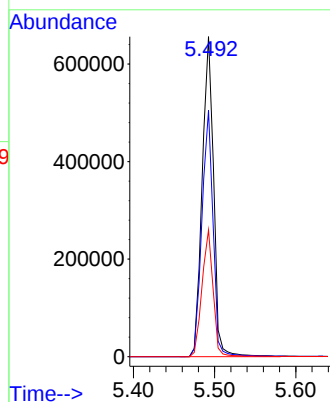
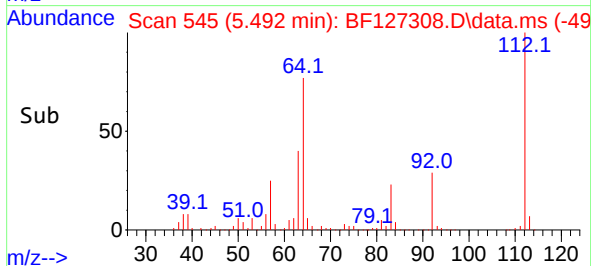
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



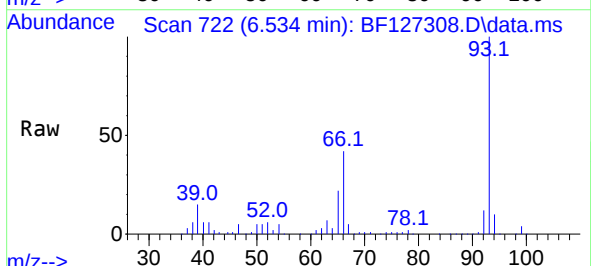
Tgt Ion:112 Resp: 64257
Ion Ratio Lower Upper
112 100
64 76.9 49.5 74.3
63 39.6 23.9 35.9

Manual Integrations
APPROVED

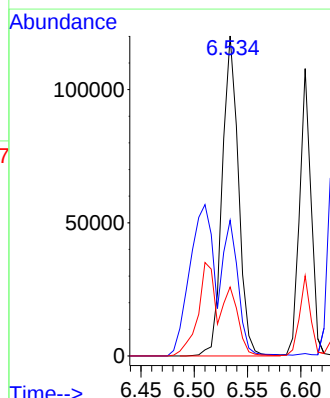
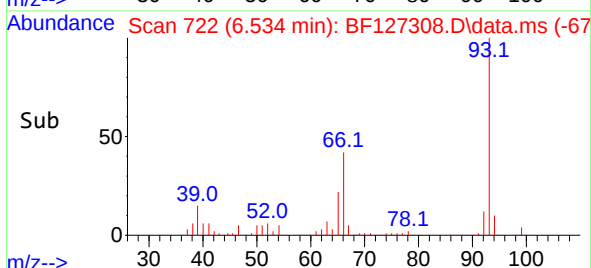
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

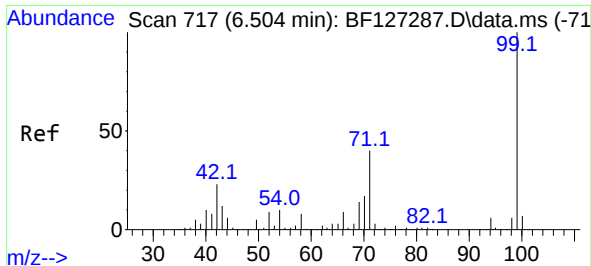


#6
Aniline
Concen: 9.310 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



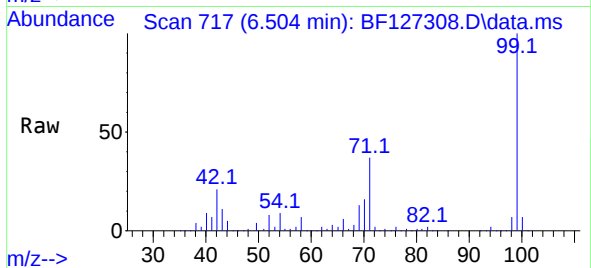
Tgt Ion: 93 Resp: 127122
Ion Ratio Lower Upper
93 100
66 42.4 32.2 48.4
65 21.5 16.3 24.5





#7
Phenol-d6
Concen: 79.498 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

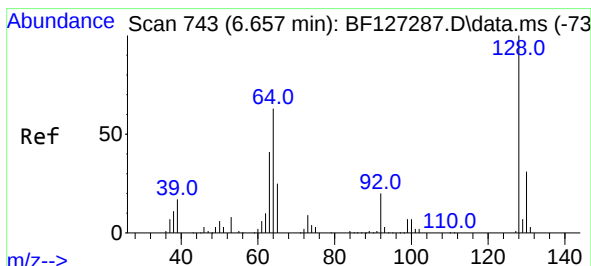
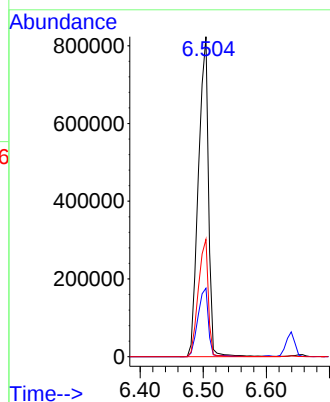
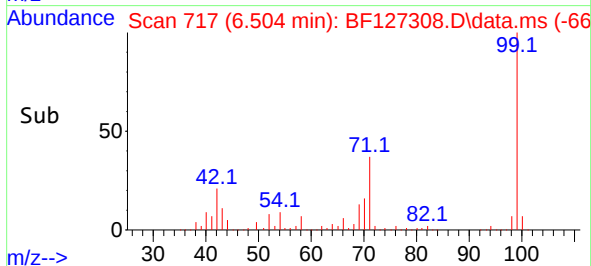
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



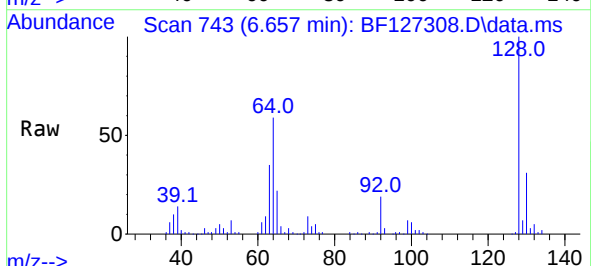
Tgt Ion: 99 Resp: 90828
Ion Ratio Lower Upper
99 100
42 21.4 14.2 21.4
71 36.7 24.3 36.5

Manual Integrations
APPROVED

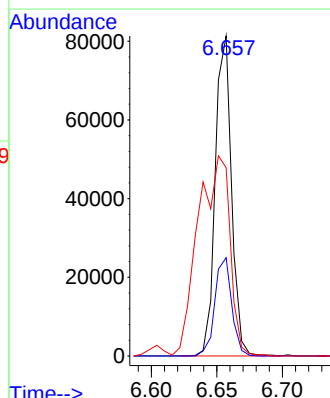
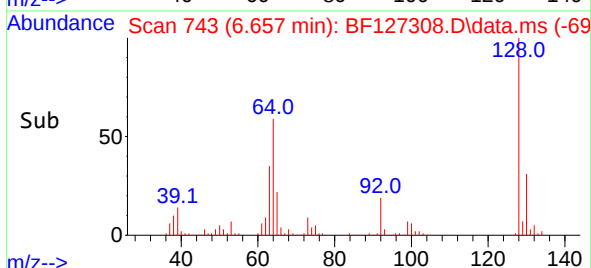
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

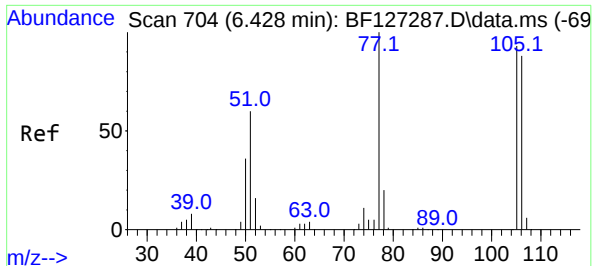


#8
2-Chlorophenol
Concen: 8.147 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



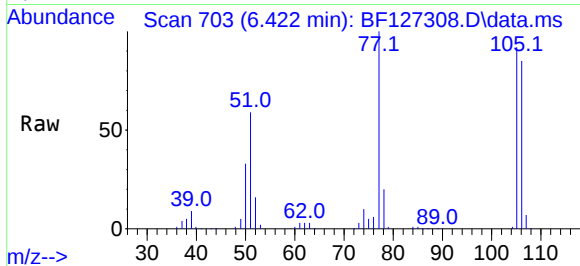
Tgt Ion:128 Resp: 70001
Ion Ratio Lower Upper
128 100
130 30.7 12.7 52.7
64 58.8 35.6 75.6





#9
Benzaldehyde
Concen: 10.644 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

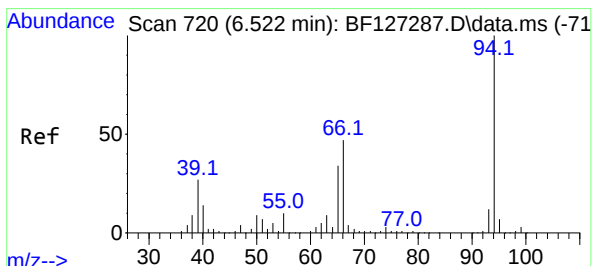
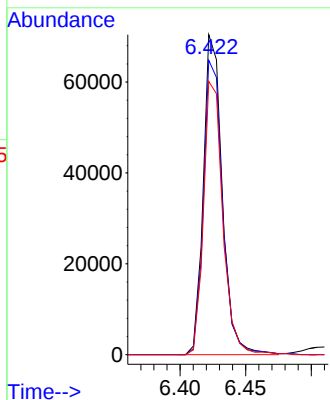
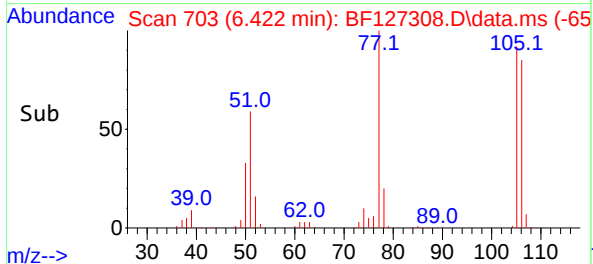
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



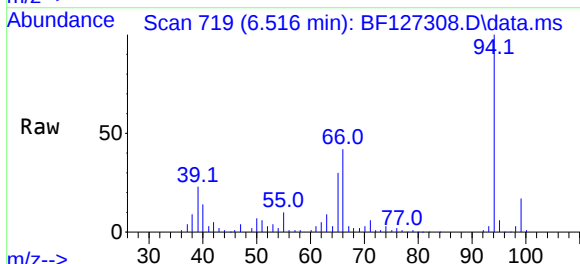
Tgt Ion: 77 Resp: 70890
Ion Ratio Lower Upper
77 100
105 92.0 74.9 114.9
106 85.4 72.4 112.4

Manual Integrations
APPROVED

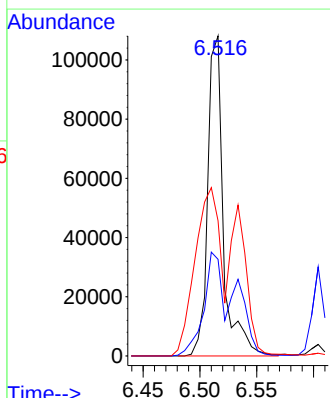
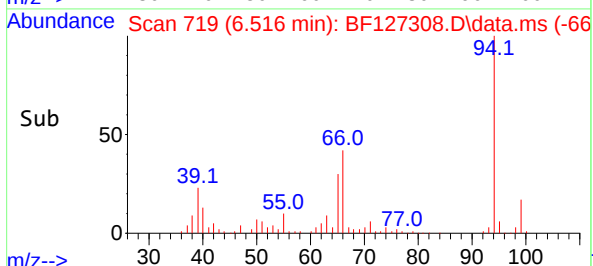
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

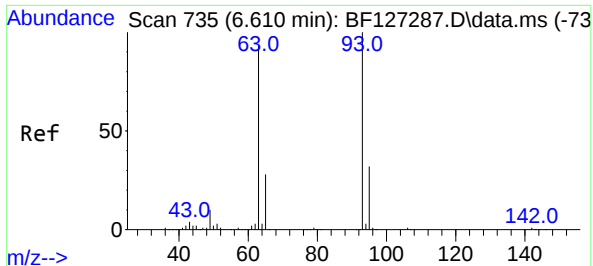


#10
Phenol
Concen: 8.250 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



Tgt Ion: 94 Resp: 103541
Ion Ratio Lower Upper
94 100
65 30.2 7.2 47.2
66 42.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 8.525 ng

RT: 6.604 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 93 Resp: 79454

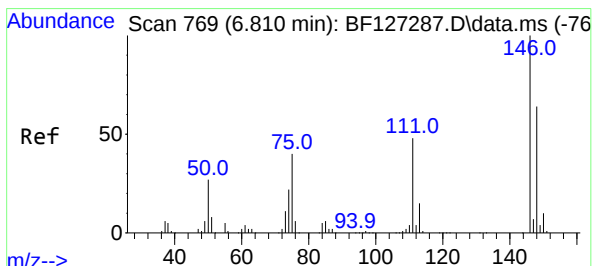
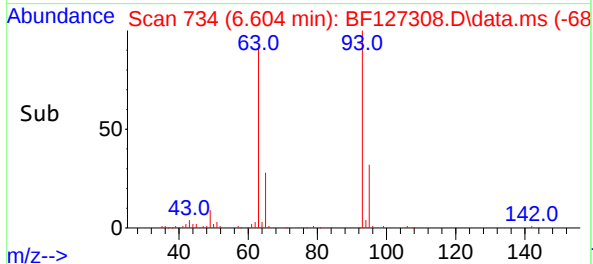
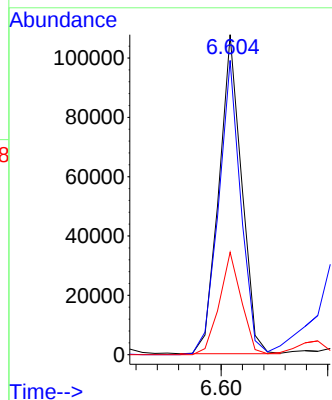
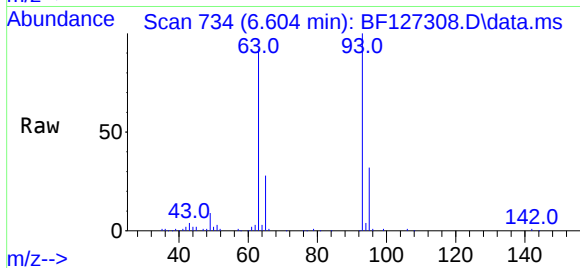
Ion	Ratio	Lower	Upper
93	100		
63	92.0	60.5	100.5
95	32.0	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#12

1,3-Dichlorobenzene

Concen: 8.328 ng

RT: 6.810 min Scan# 769

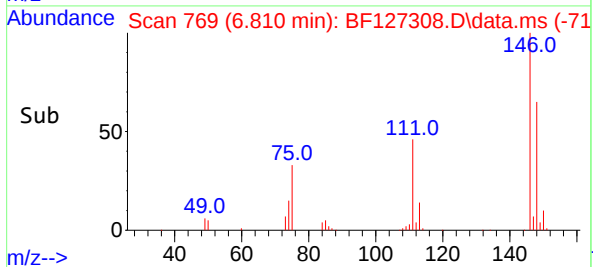
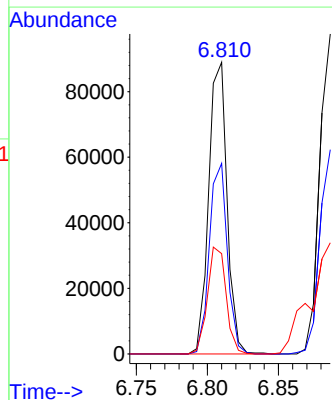
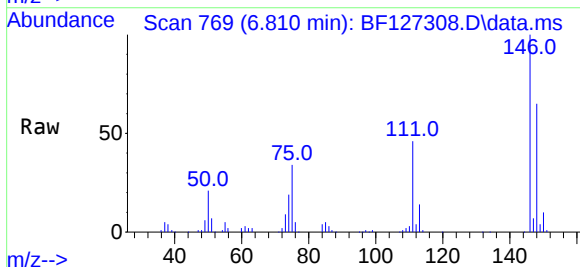
Delta R.T. -0.000 min

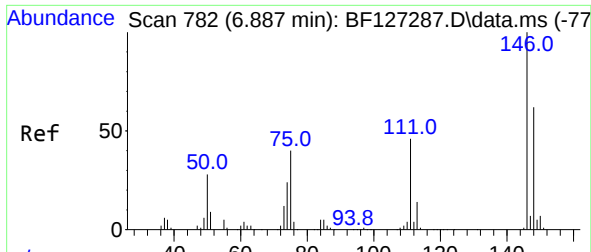
Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Tgt Ion:146 Resp: 80318

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	34.4	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 8.507 ng

RT: 6.886 min Scan# 782

Delta R.T. -0.000 min

Lab File: BF127308.D

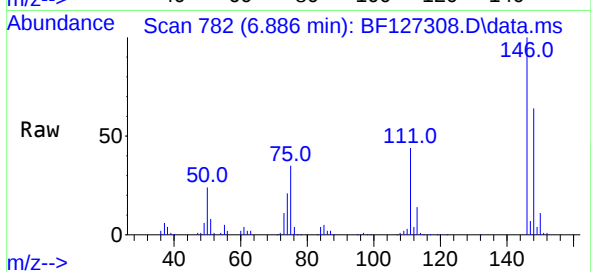
Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022



Tgt Ion:146 Resp: 82312

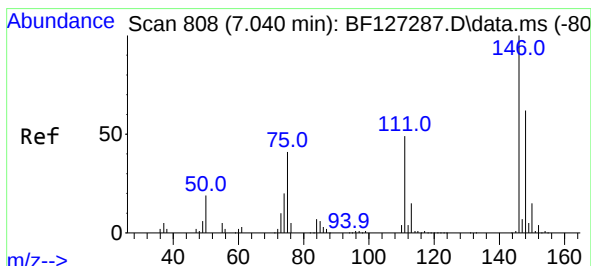
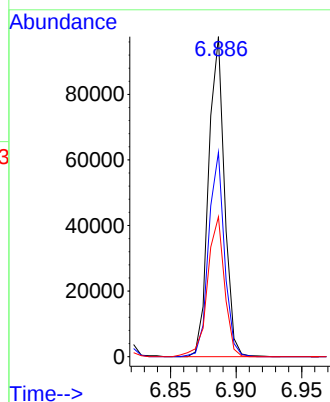
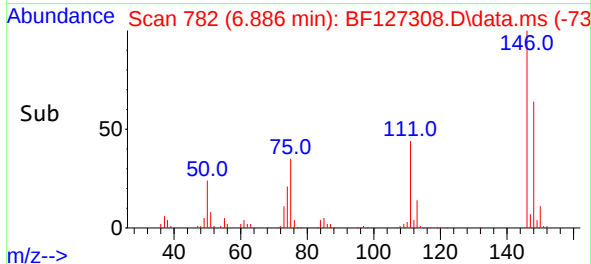
Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.6
111	43.7	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#14

1,2-Dichlorobenzene

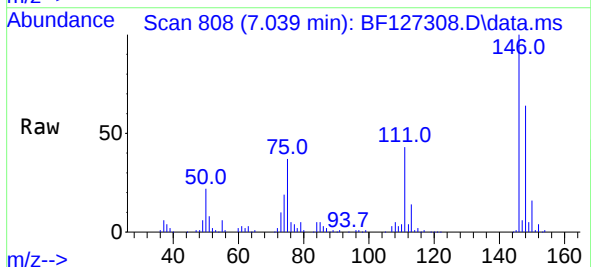
Concen: 8.268 ng

RT: 7.039 min Scan# 808

Delta R.T. -0.000 min

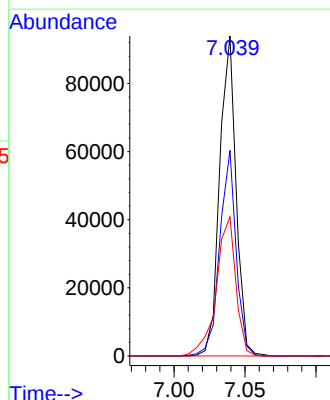
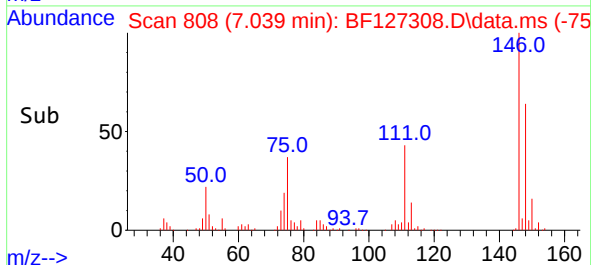
Lab File: BF127308.D

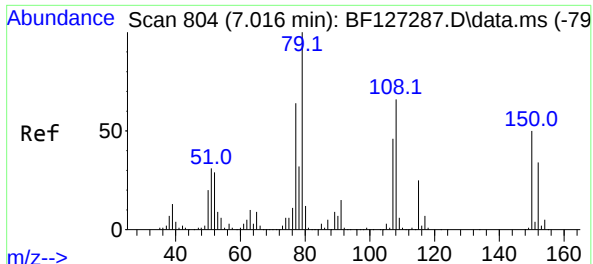
Acq: 11 Mar 2022 19:14



Tgt Ion:146 Resp: 75289

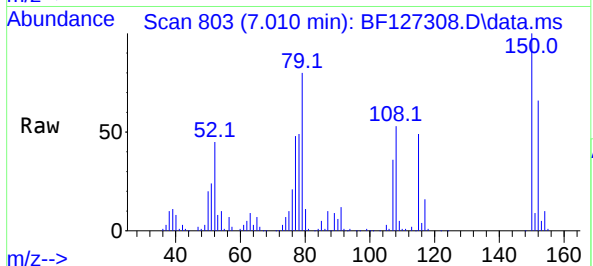
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	43.5	40.2	60.2





#15
Benzyl Alcohol
Concen: 8.099 ng
RT: 7.010 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

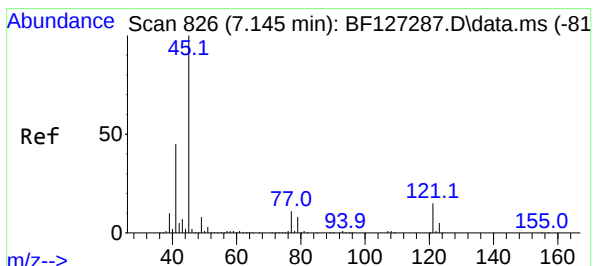
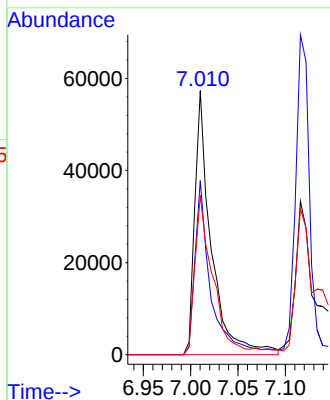
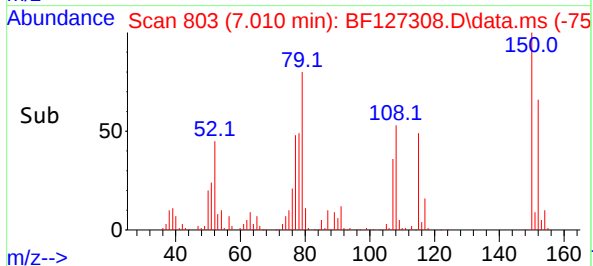
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 79 Resp: 6935
Ion Ratio Lower Upper
79 100
108 65.9 63.2 94.8
77 60.3 49.4 74.2

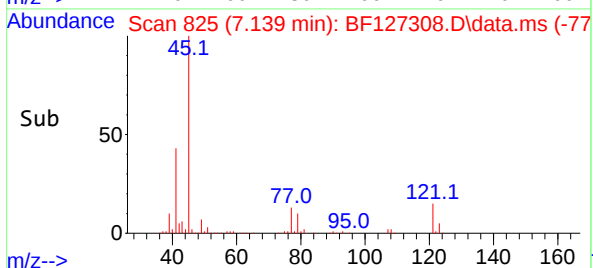
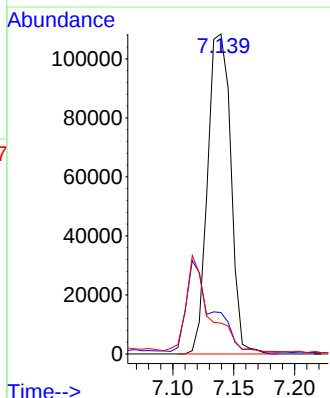
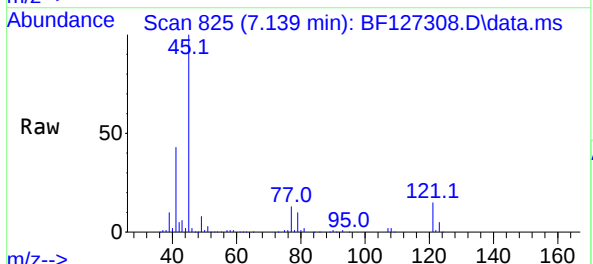
Manual Integrations
APPROVED

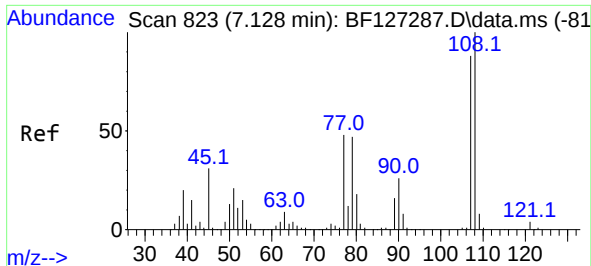
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.186 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Tgt Ion: 45 Resp: 143185
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.4
79 9.6 0.0 29.8





#17

2-Methylphenol

Concen: 8.597 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:107 Resp: 62795

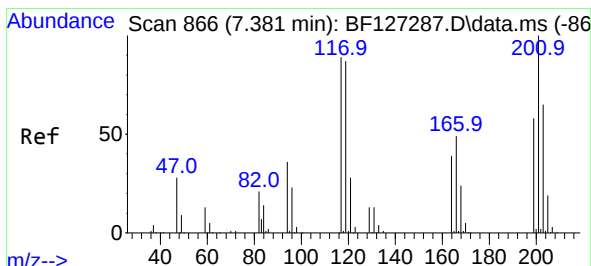
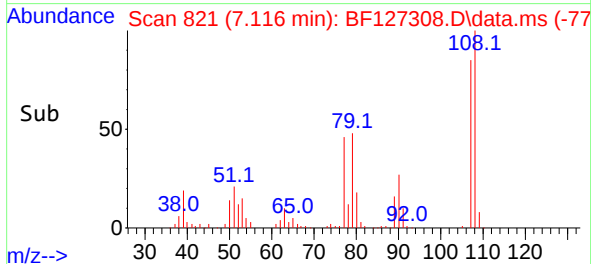
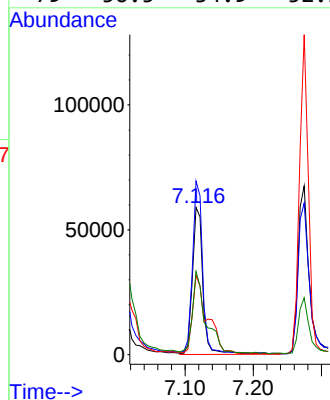
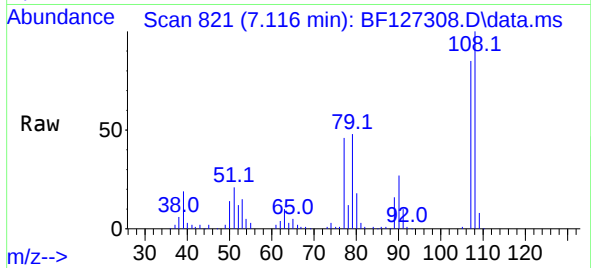
Ion	Ratio	Lower	Upper
107	100		
108	117.9	93.4	140.0
77	53.7	36.1	54.1
79	56.5	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#18

Hexachloroethane

Concen: 8.134 ng

RT: 7.375 min Scan# 865

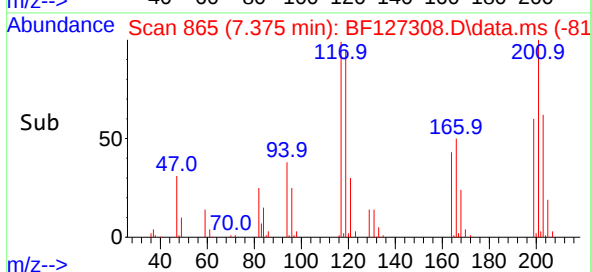
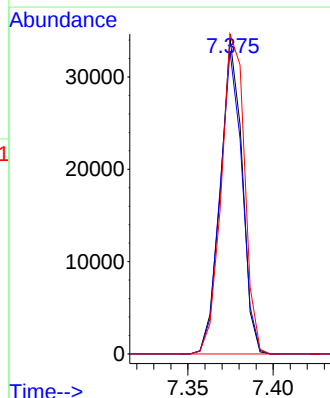
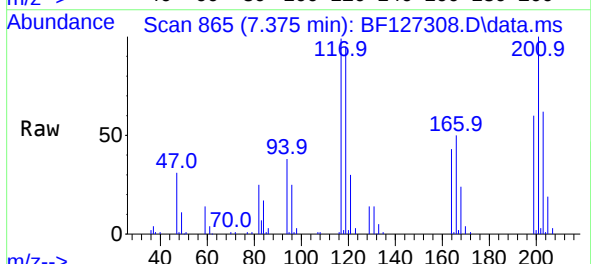
Delta R.T. -0.006 min

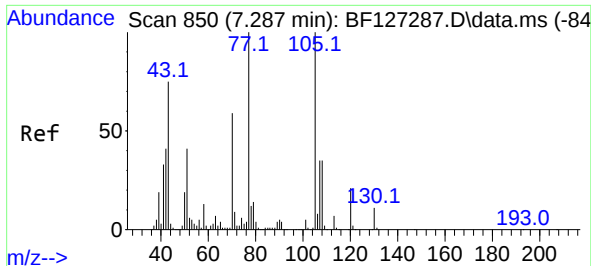
Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Tgt Ion:117 Resp: 30232

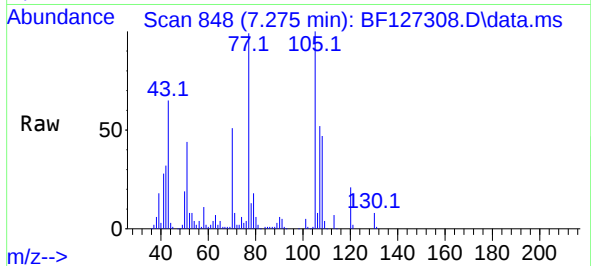
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	101.2	56.8	85.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.699 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

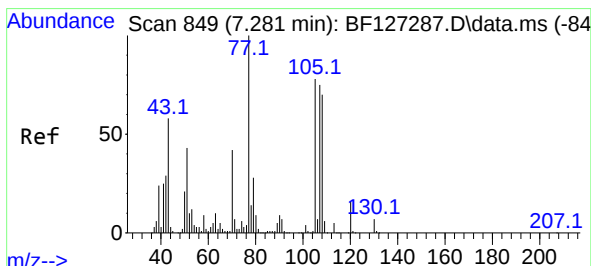
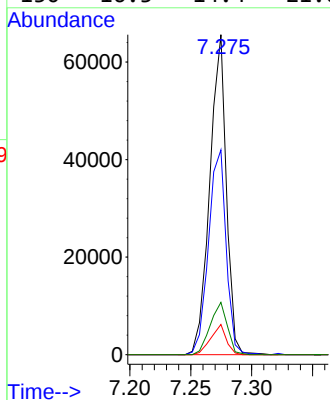
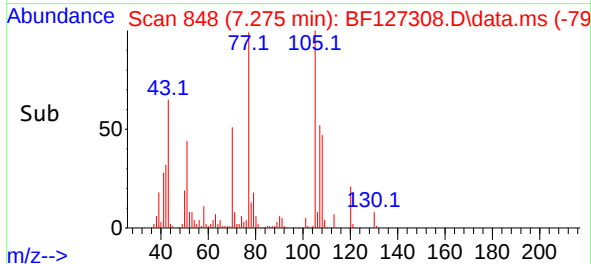
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



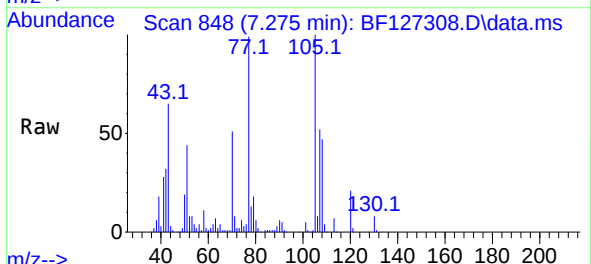
Tgt Ion: 70 Resp: 62025
Ion Ratio Lower Upper
70 100
42 64.0 45.8 68.8
101 9.5 6.9 10.3
130 16.3 14.4 21.6

Manual Integrations
APPROVED

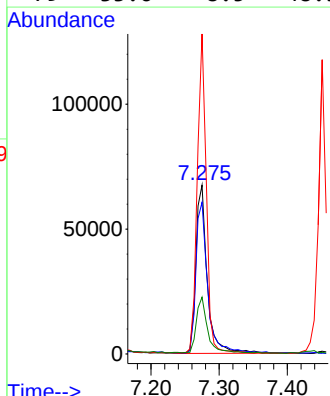
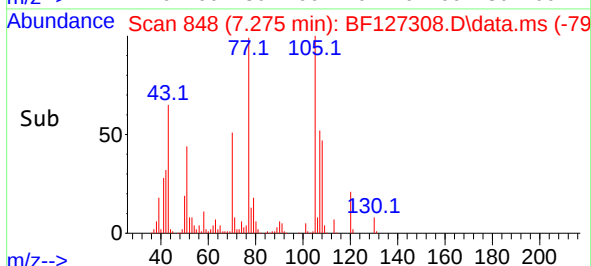
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

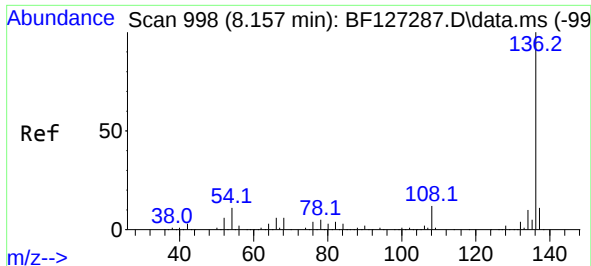


#20
3+4-Methylphenols
Concen: 8.287 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



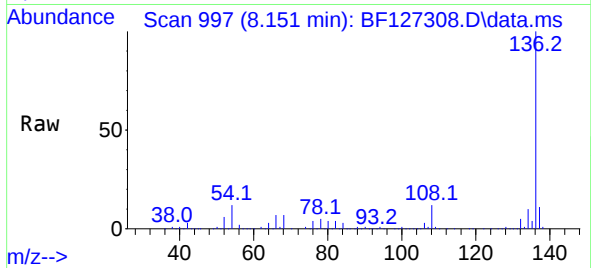
Tgt Ion:107 Resp: 78505
Ion Ratio Lower Upper
107 100
108 89.8 72.4 112.4
77 189.5 83.8 123.8#
79 33.6 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

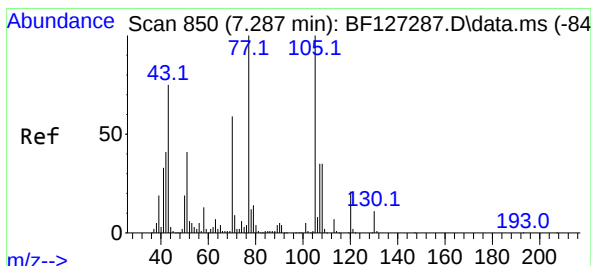
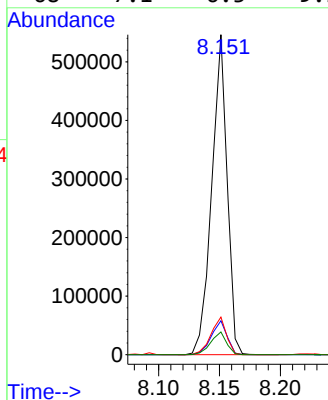
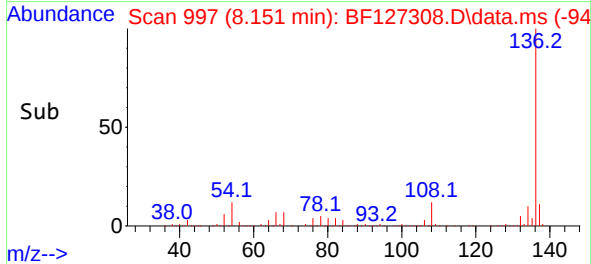
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



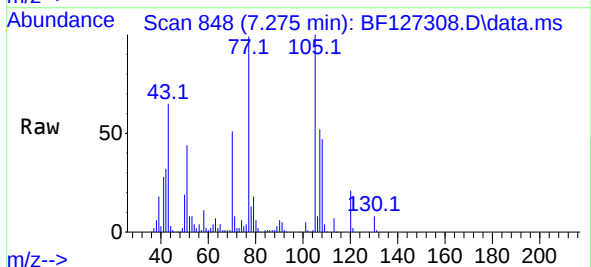
Tgt Ion:136 Resp: 479684
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.7 7.8 11.6
68 7.1 6.3 9.5

Manual Integrations
APPROVED

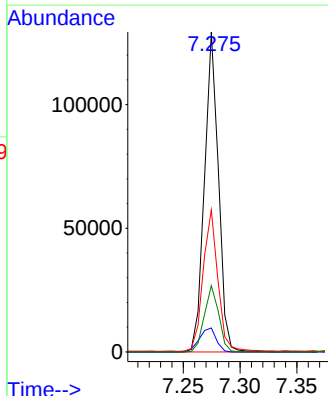
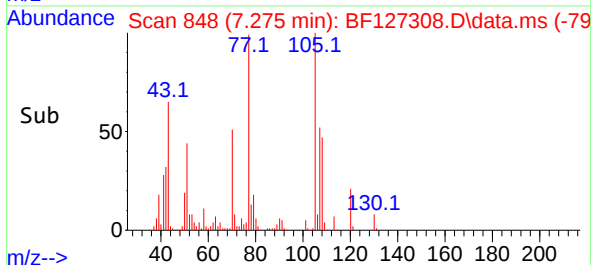
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

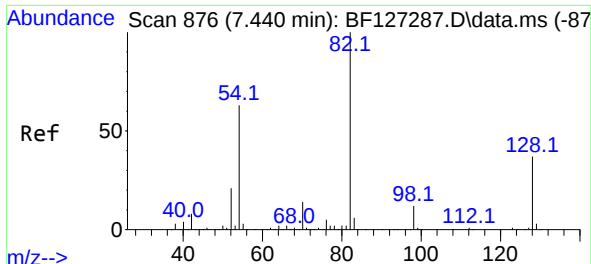


#22
Acetophenone
Concen: 8.411 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



Tgt Ion:105 Resp: 110462
Ion Ratio Lower Upper
105 100
71 7.5 5.4 8.0
51 44.4 27.4 41.0#
120 20.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 58.609 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

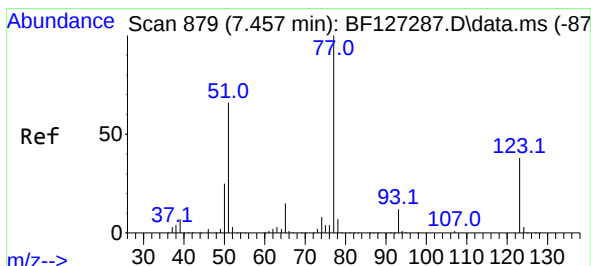
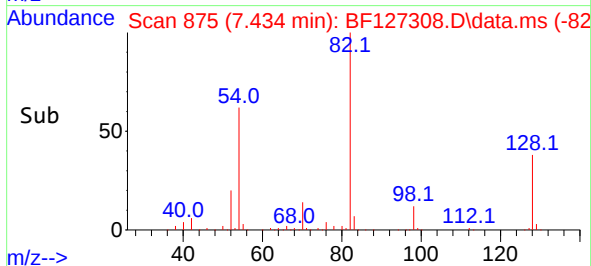
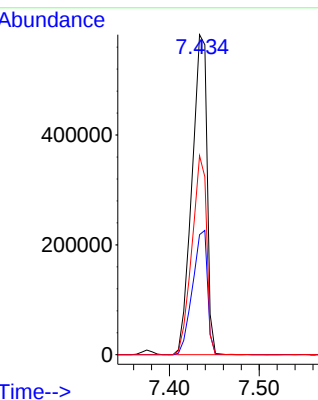
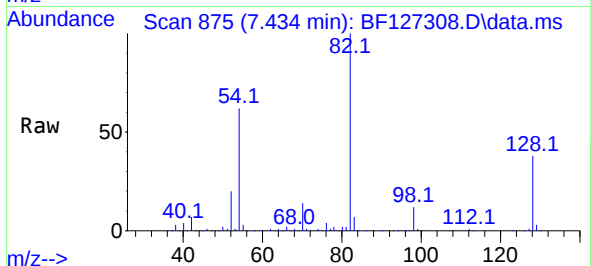
Tgt Ion: 82 Resp: 680754
 Ion Ratio Lower Upper
 82 100
 128 37.5 32.7 49.1
 54 62.2 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#24

Nitrobenzene

Concen: 8.278 ng

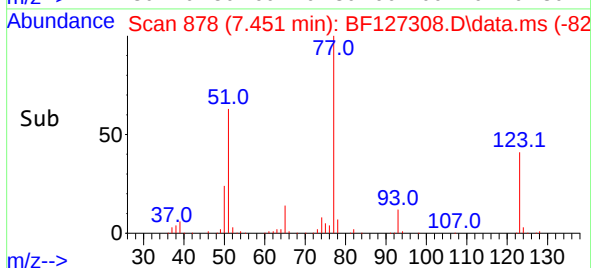
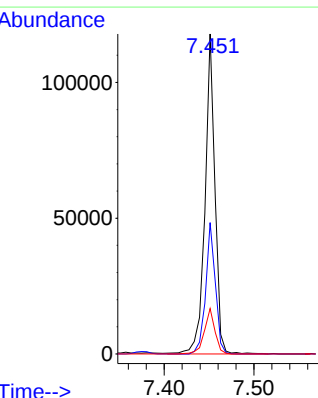
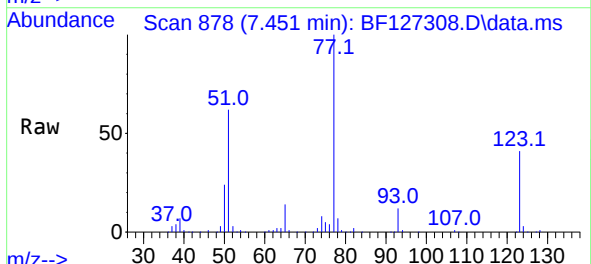
RT: 7.451 min Scan# 878

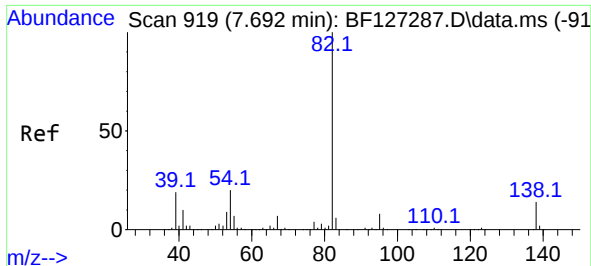
Delta R.T. -0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

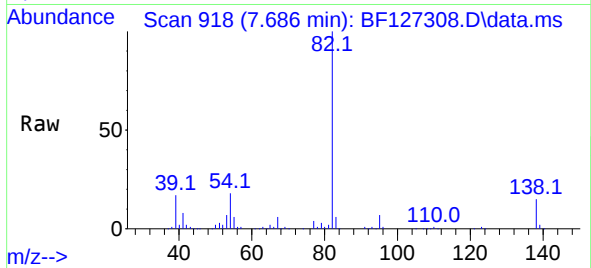
Tgt Ion: 77 Resp: 90945
 Ion Ratio Lower Upper
 77 100
 123 41.1 34.6 52.0
 65 14.2 10.6 15.8





#25
Isophorone
Concen: 8.786 ng
RT: 7.686 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

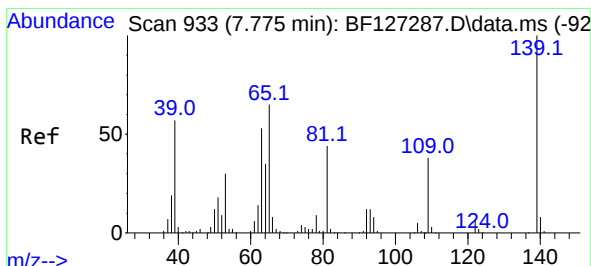
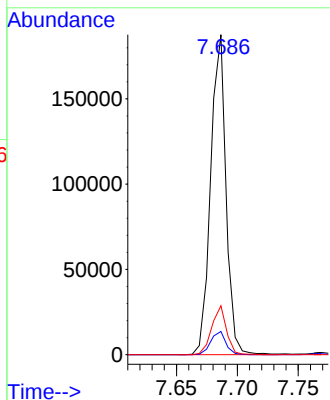
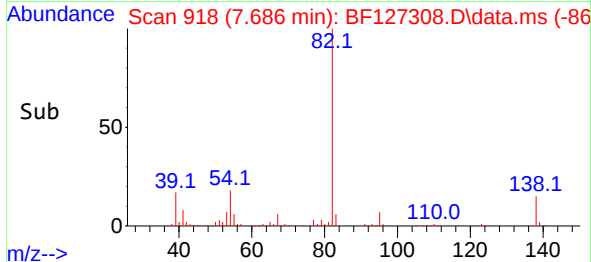
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



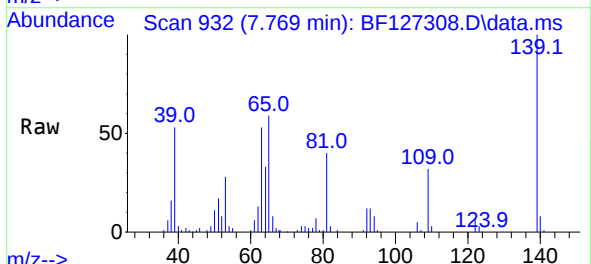
Tgt Ion: 82 Resp: 16409
Ion Ratio Lower Upper
82 100
95 7.2 5.0 7.4
138 15.3 12.3 18.5

Manual Integrations
APPROVED

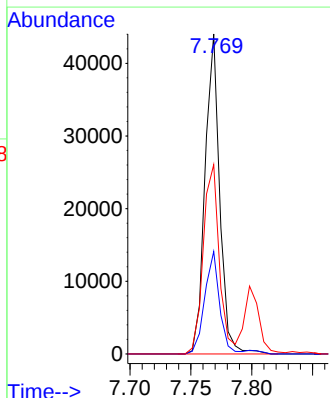
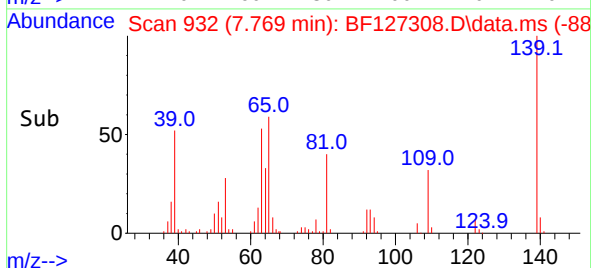
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

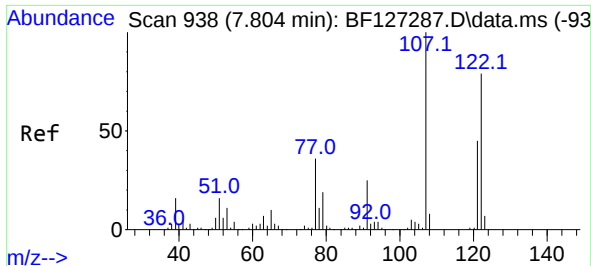


#26
2-Nitrophenol
Concen: 8.099 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



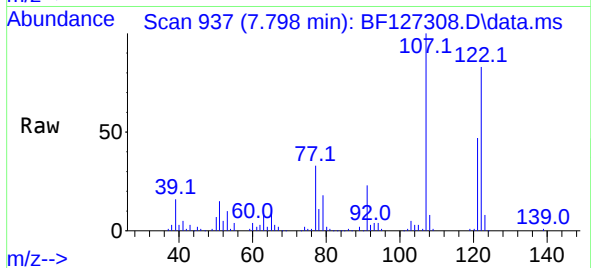
Tgt Ion:139 Resp: 36848
Ion Ratio Lower Upper
139 100
109 32.0 20.0 30.0#
65 59.1 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 9.525 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

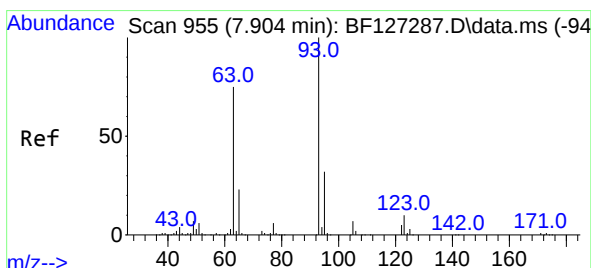
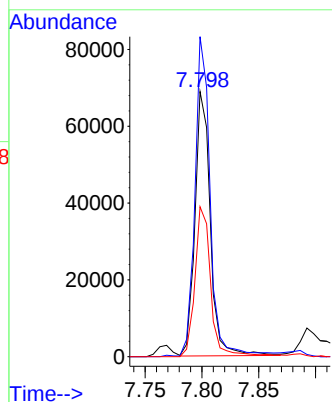
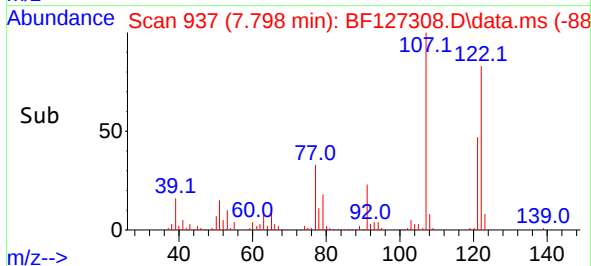
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



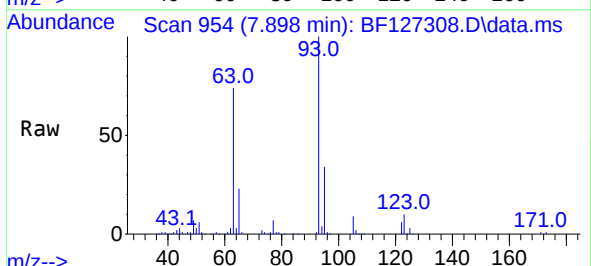
Tgt Ion:122 Resp: 65052
Ion Ratio Lower Upper
122 100
107 120.7 91.2 136.8
121 56.5 44.4 66.6

Manual Integrations
APPROVED

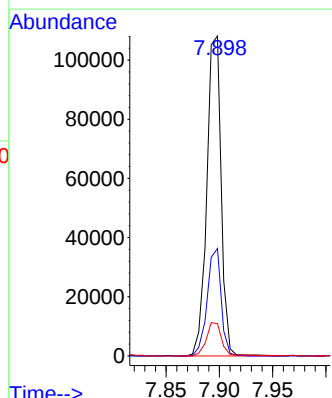
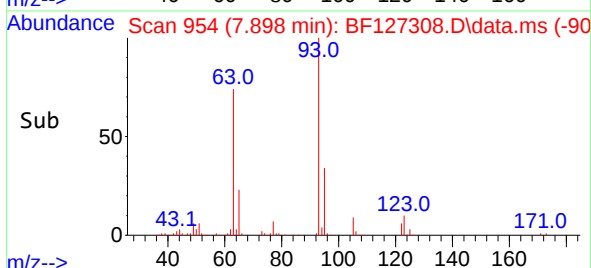
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

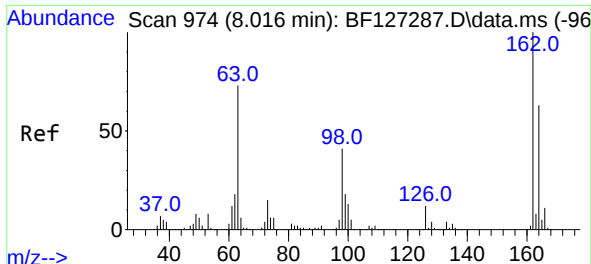


#28
bis(2-Chloroethoxy)methane
Concen: 8.590 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



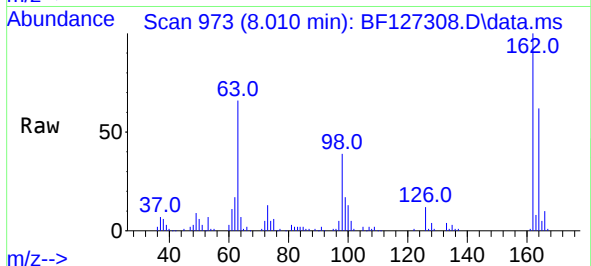
Tgt Ion: 93 Resp: 101659
Ion Ratio Lower Upper
93 100
95 33.6 25.4 38.2
123 10.1 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 8.114 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

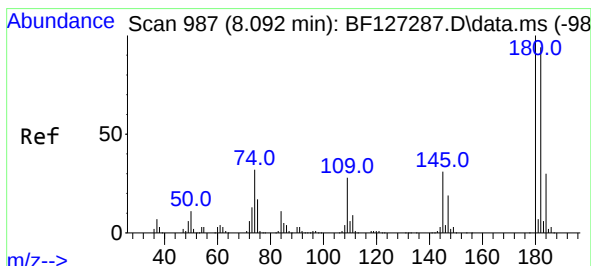
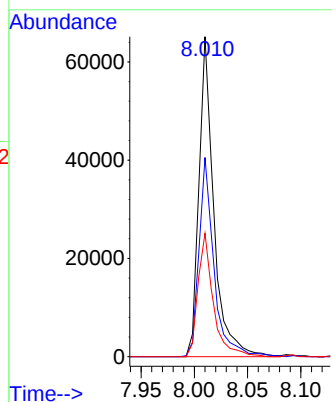
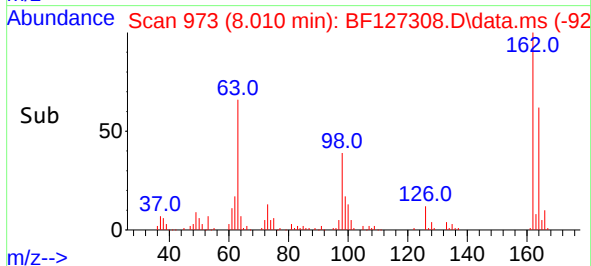
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



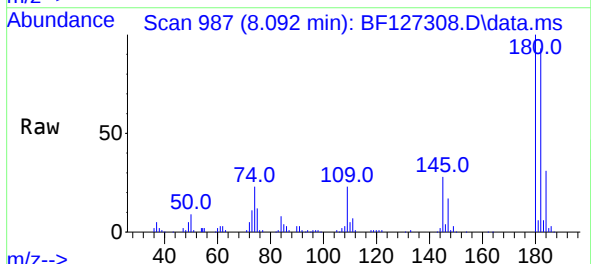
Tgt Ion:162 Resp: 63468
Ion Ratio Lower Upper
162 100
164 62.3 43.8 83.8
98 38.6 23.6 63.6

Manual Integrations
APPROVED

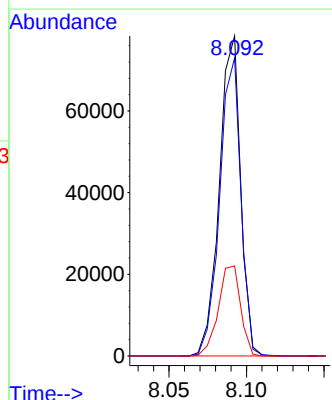
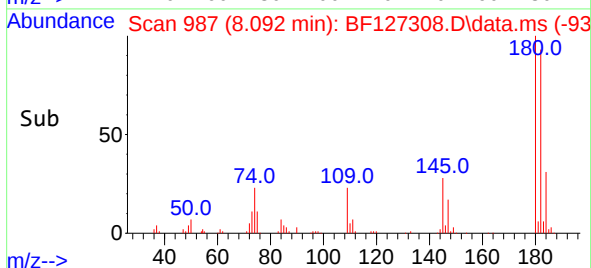
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

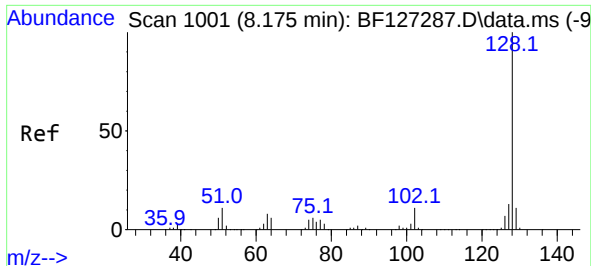


#30
1,2,4-Trichlorobenzene
Concen: 8.374 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



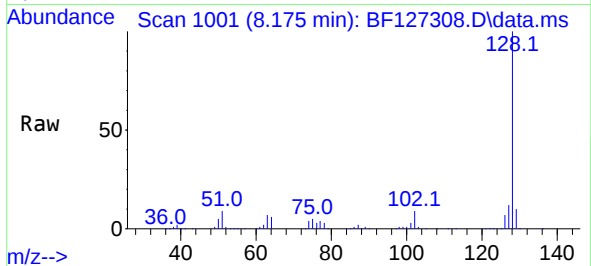
Tgt Ion:180 Resp: 74668
Ion Ratio Lower Upper
180 100
182 93.2 75.5 113.3
145 28.1 26.2 39.2





#31
Naphthalene
Concen: 8.750 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

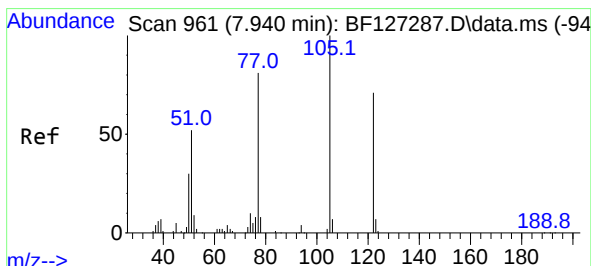
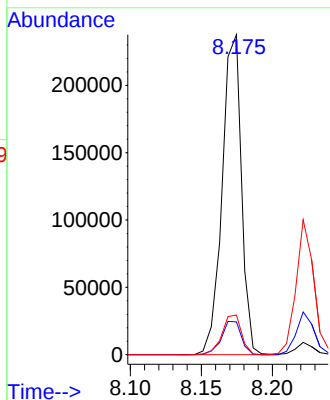
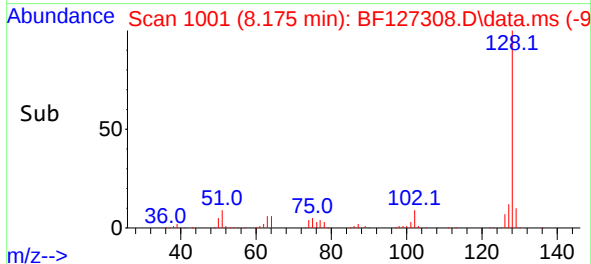
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:128 Resp: 223908
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 12.4 10.3 15.5

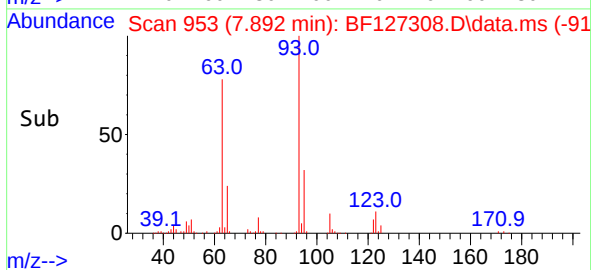
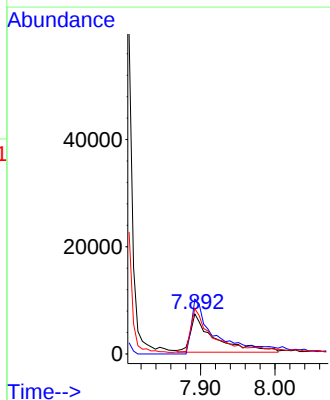
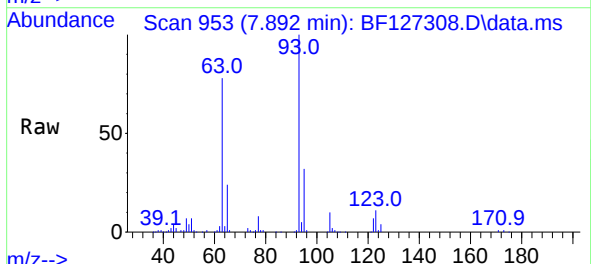
Manual Integrations
APPROVED

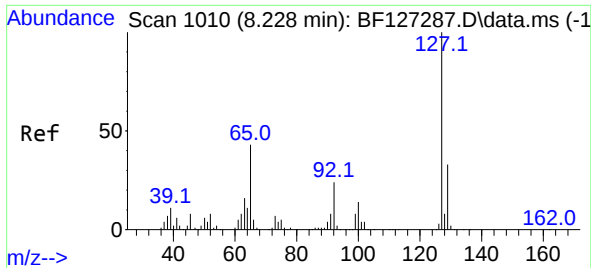
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#32
Benzoic acid
Concen: 3.792 ng m
RT: 7.892 min Scan# 953
Delta R.T. -0.048 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Tgt Ion:122 Resp: 16072
Ion Ratio Lower Upper
122 100
105 136.7 101.0 141.0
77 113.1 74.5 114.5





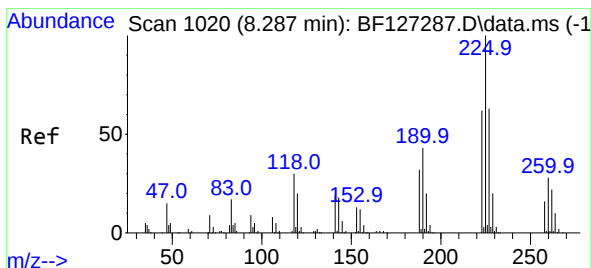
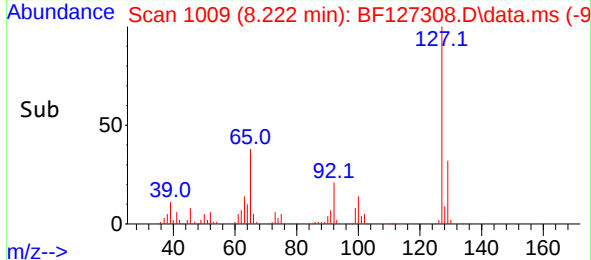
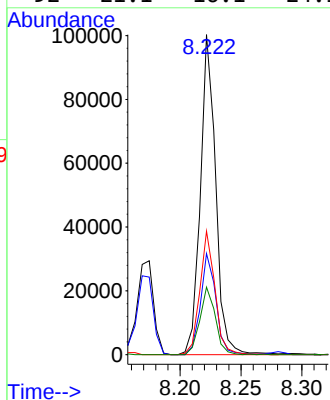
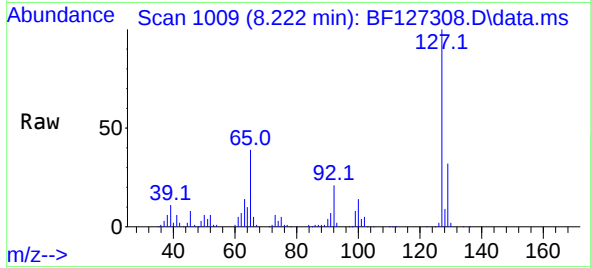
#33
4-Chloroaniline
Concen: 8.889 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:127	Resp: 8816
Ion Ratio	Lower Upper
127 100	
129 31.6	26.5 39.7
65 38.6	26.6 39.8
92 21.1	16.1 24.1

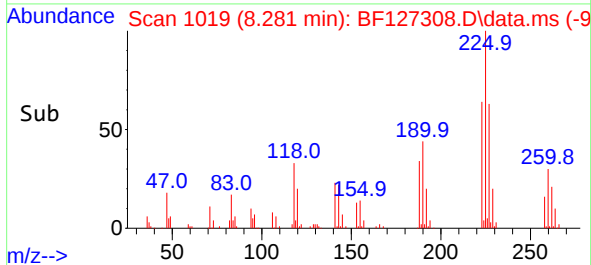
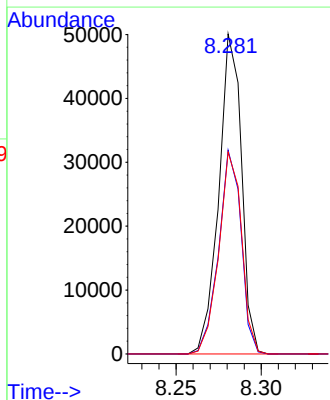
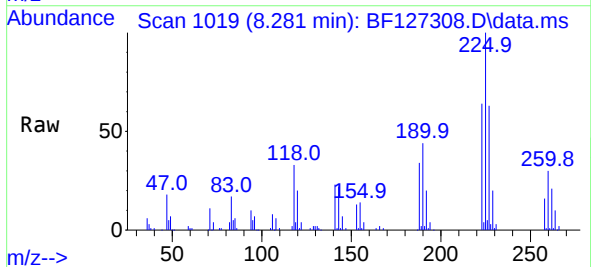
Manual Integrations
APPROVED

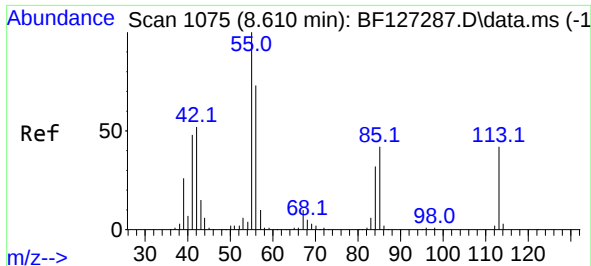
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#34
Hexachlorobutadiene
Concen: 7.791 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

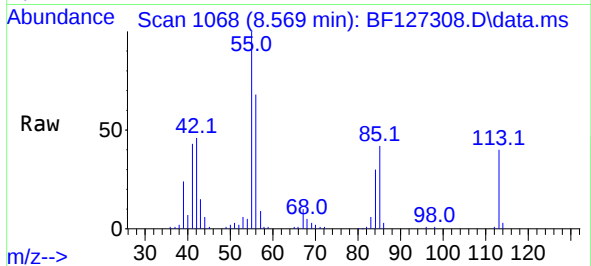
Tgt Ion:225	Resp: 46328
Ion Ratio	Lower Upper
225 100	
223 63.6	48.6 73.0
227 63.1	51.4 77.0





#35
Caprolactam
Concen: 8.091 ng
RT: 8.569 min Scan# 1068
Delta R.T. -0.041 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

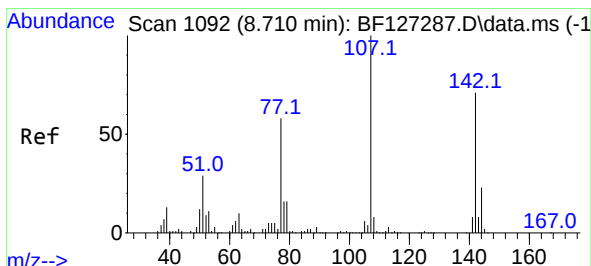
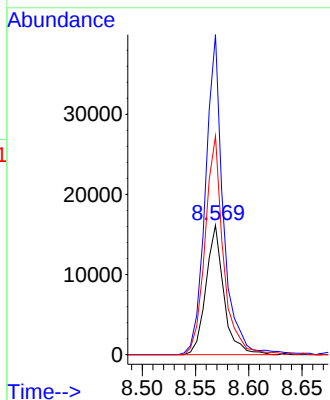
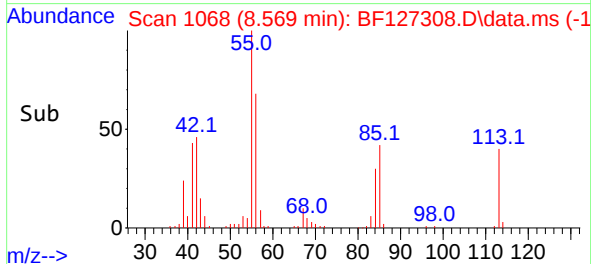
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:113 Resp: 18900
Ion Ratio Lower Upper
113 100
55 247.1 183.9 223.9
56 168.8 129.9 169.9

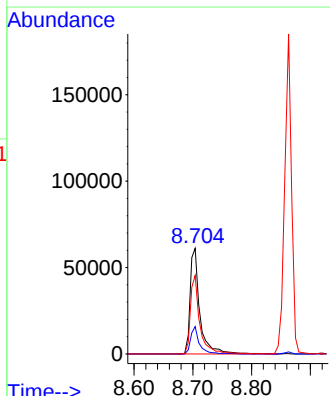
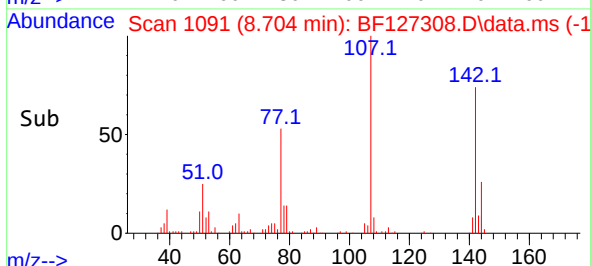
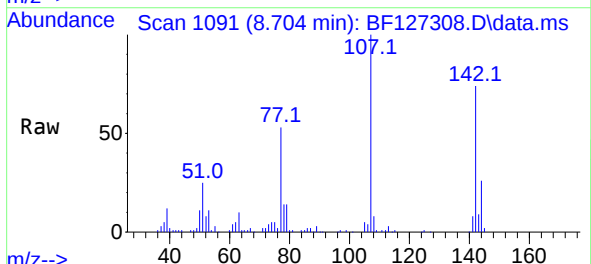
Manual Integrations
APPROVED

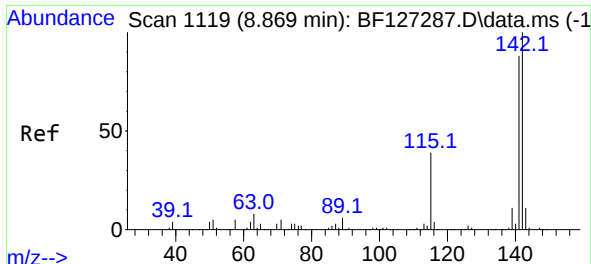
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#36
4-Chloro-3-methylphenol
Concen: 8.297 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Tgt Ion:107 Resp: 70335
Ion Ratio Lower Upper
107 100
144 25.9 18.5 27.7
142 74.4 58.1 87.1





#37

2-Methylnaphthalene

Concen: 8.950 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:142 Resp: 149640

Ion Ratio Lower Upper

142 100

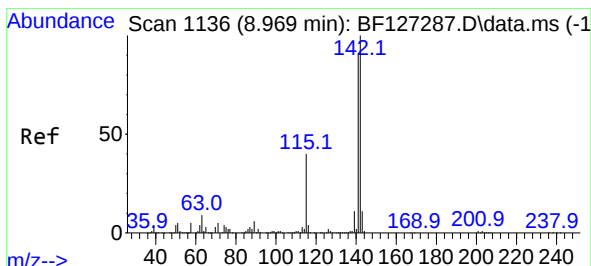
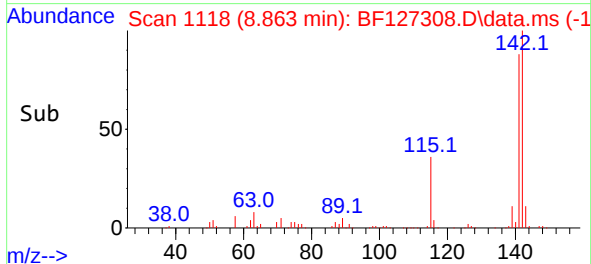
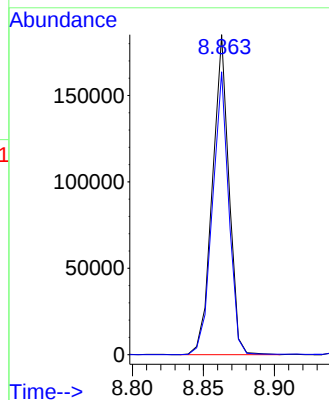
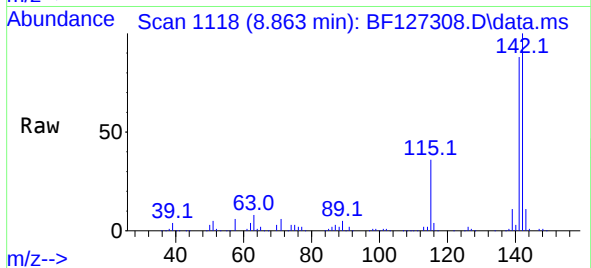
141 88.4 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#38

1-Methylnaphthalene

Concen: 8.677 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127308.D

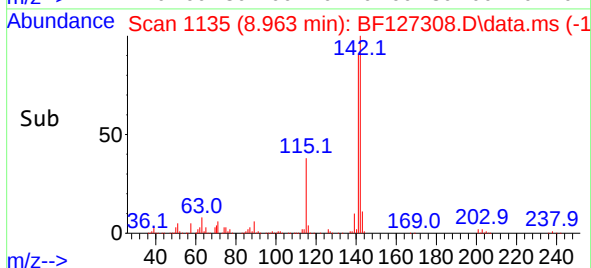
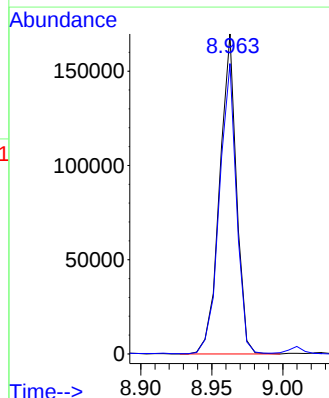
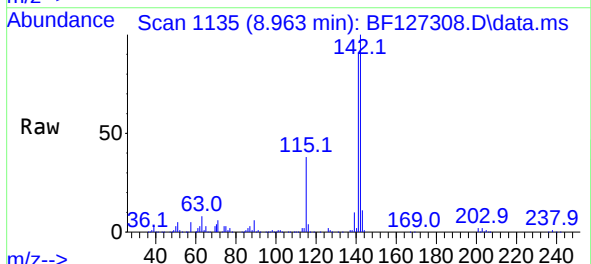
Acq: 11 Mar 2022 19:14

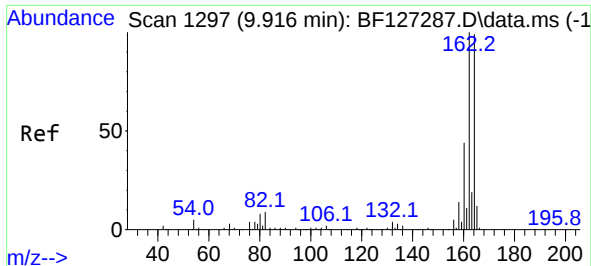
Tgt Ion:142 Resp: 139471

Ion Ratio Lower Upper

142 100

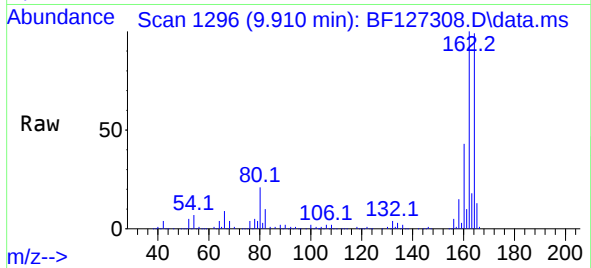
141 90.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

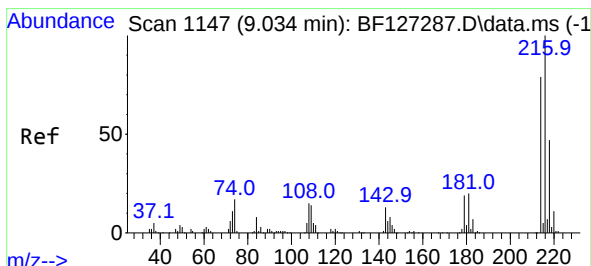
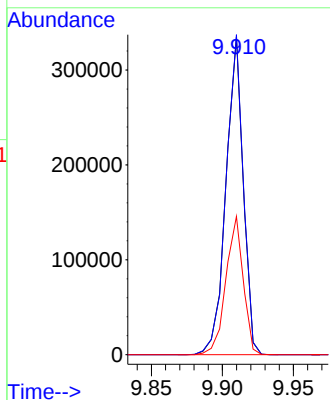
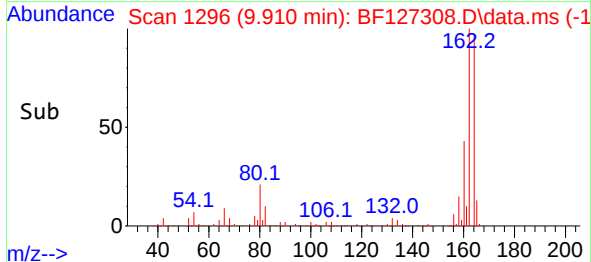
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



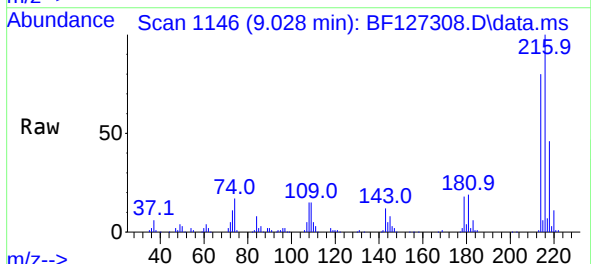
Tgt Ion:164 Resp: 282290
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.5 36.6 54.8

Manual Integrations
APPROVED

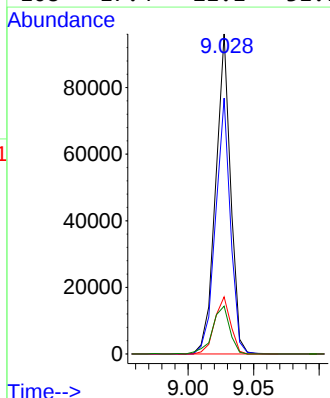
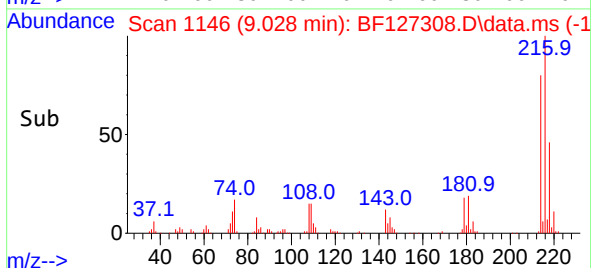
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

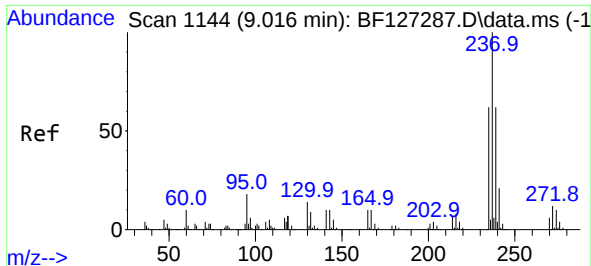


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.504 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



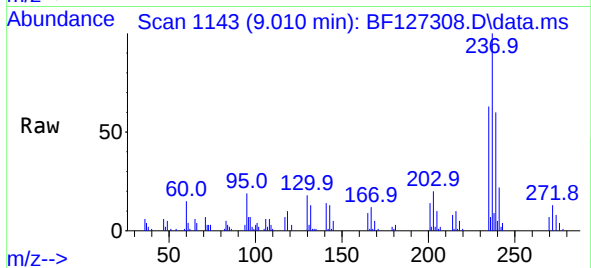
Tgt Ion:216 Resp: 75998
Ion Ratio Lower Upper
216 100
214 79.2 64.6 96.8
179 19.0 19.5 29.3#
108 17.4 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 6.384 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

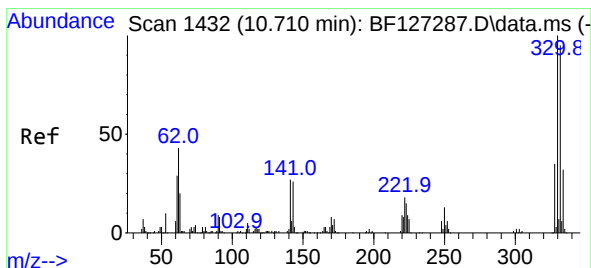
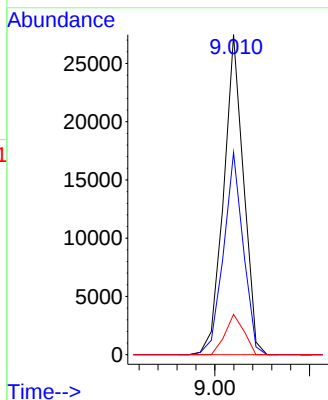
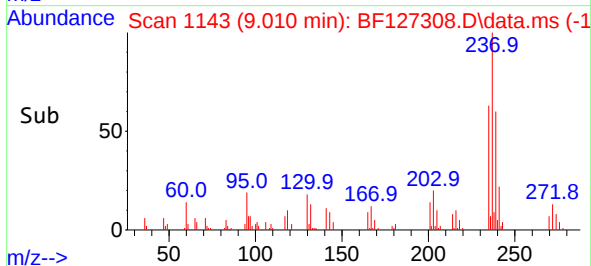
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



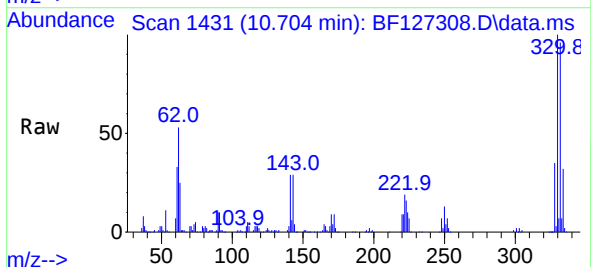
Tgt Ion:237 Resp: 20048
Ion Ratio Lower Upper
237 100
235 63.2 38.9 78.9
272 12.6 0.0 33.5

Manual Integrations
APPROVED

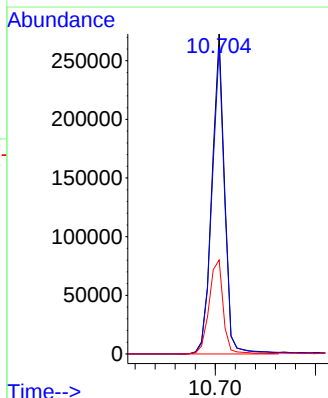
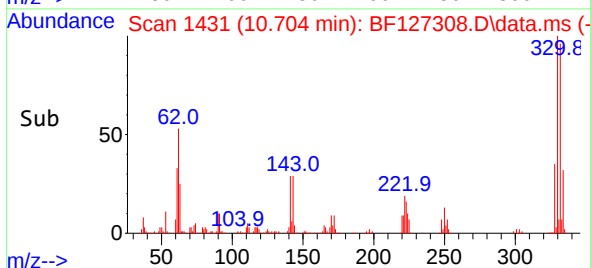
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

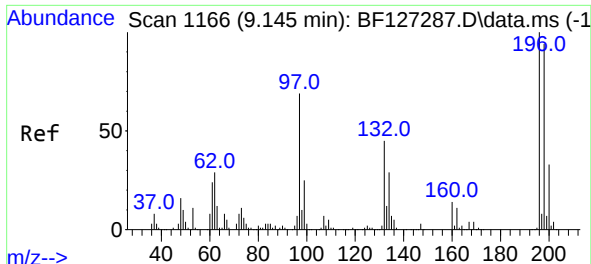


#42
2,4,6-Tribromophenol
Concen: 79.158 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



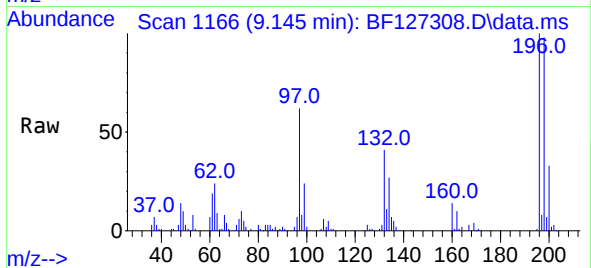
Tgt Ion:330 Resp: 240554
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 32.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 7.480 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

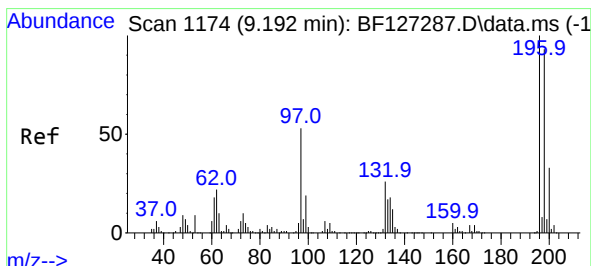
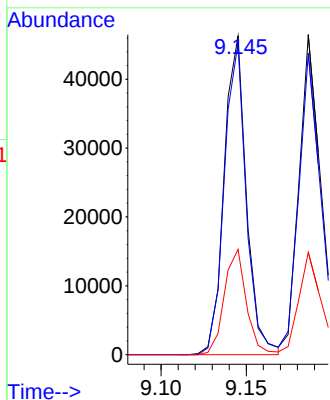
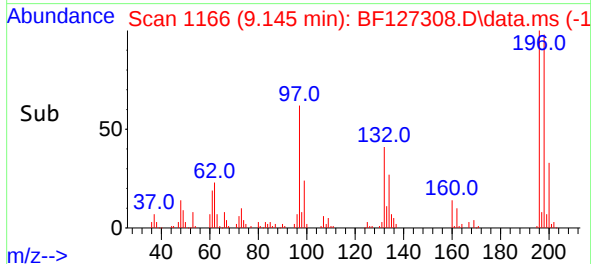
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



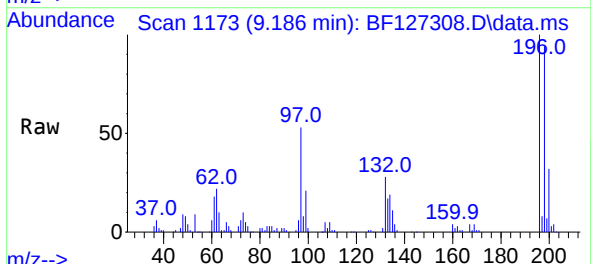
Tgt Ion:196 Resp: 4218
Ion Ratio Lower Upper
196 100
198 97.8 78.5 117.7
200 33.1 24.9 37.3

Manual Integrations
APPROVED

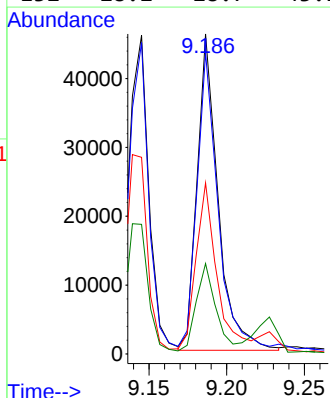
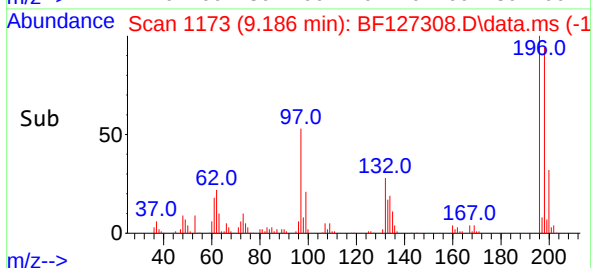
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

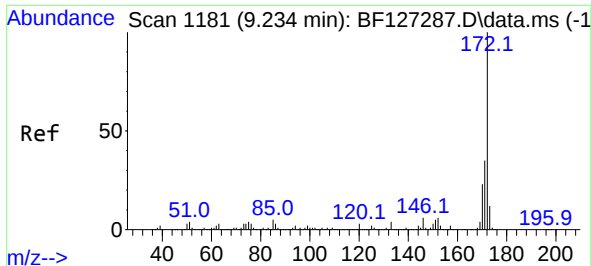


#44
2,4,5-Trichlorophenol
Concen: 7.217 ng m
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



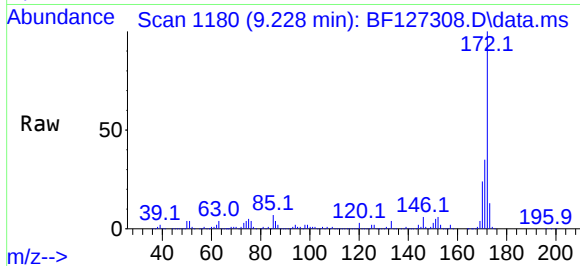
Tgt Ion:196 Resp: 43199
Ion Ratio Lower Upper
196 100
198 94.2 82.0 123.0
97 53.4 53.5 80.3#
132 28.2 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 57.623 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

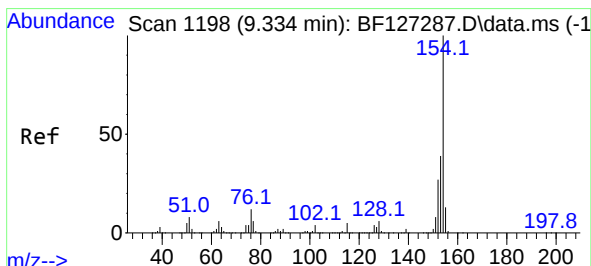
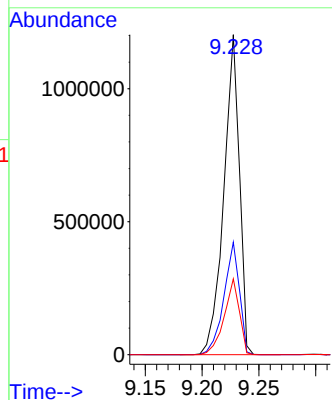
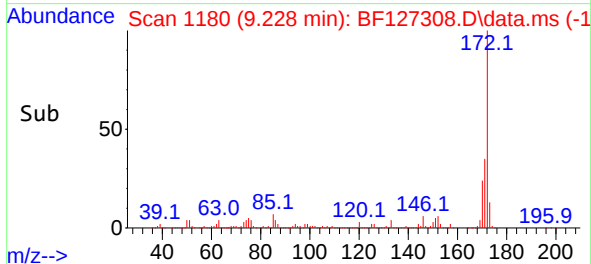
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



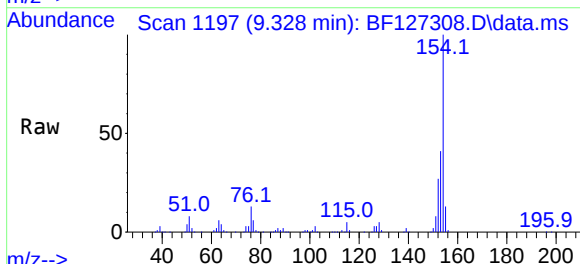
Tgt Ion:172 Resp: 115058
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6

Manual Integrations
APPROVED

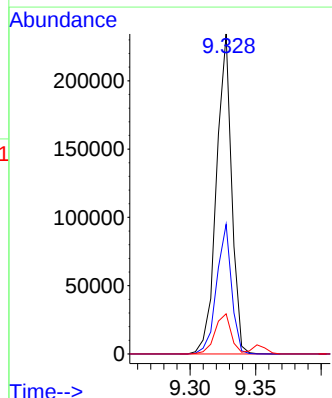
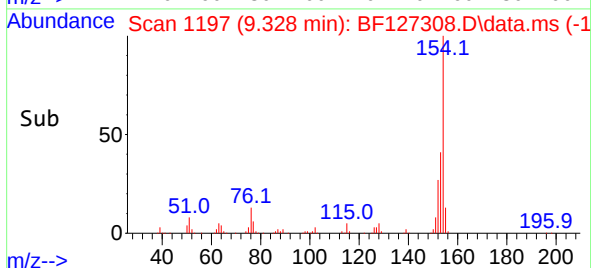
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

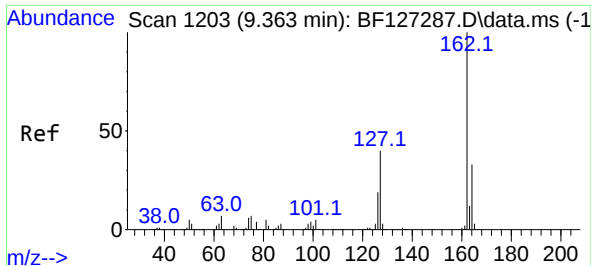


#46
1,1'-Biphenyl
Concen: 8.839 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



Tgt Ion:154 Resp: 188323
Ion Ratio Lower Upper
154 100
153 40.5 19.0 59.0
76 12.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 8.612 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 162 Resp: 142825

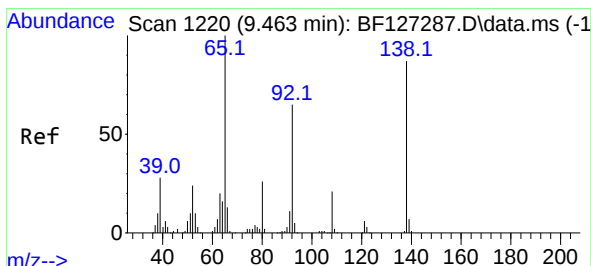
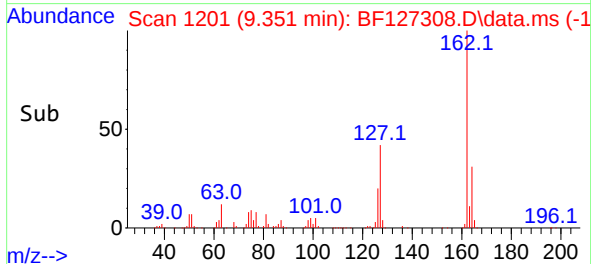
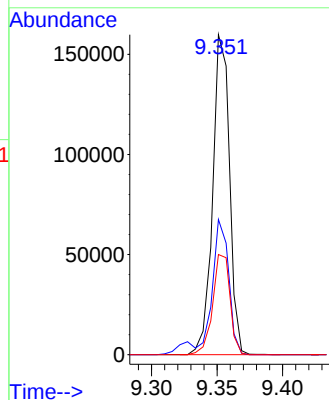
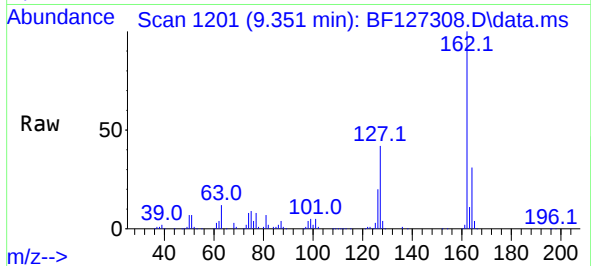
Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.5	50.3
164	31.3	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#48

2-Nitroaniline

Concen: 7.982 ng

RT: 9.451 min Scan# 1218

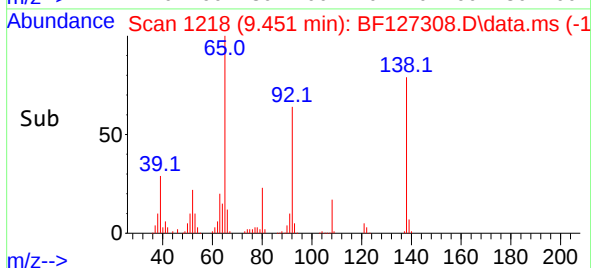
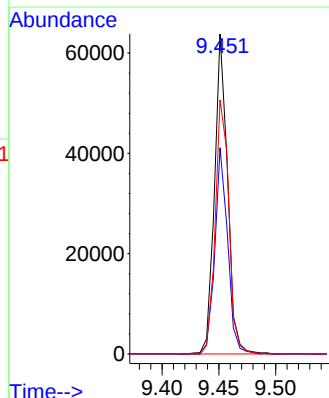
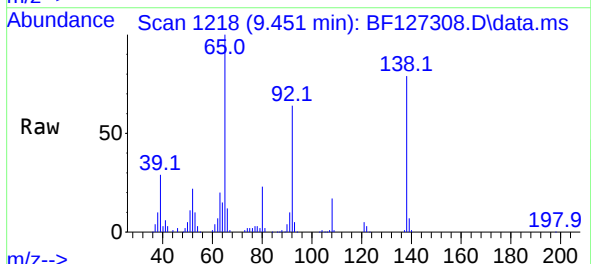
Delta R.T. -0.012 min

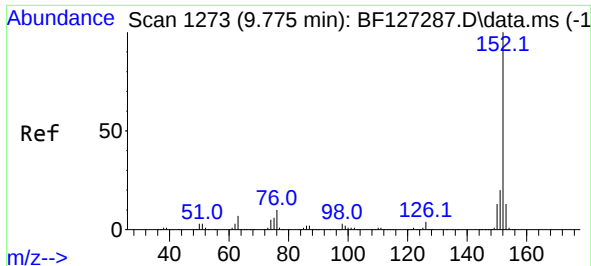
Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Tgt Ion: 65 Resp: 50935

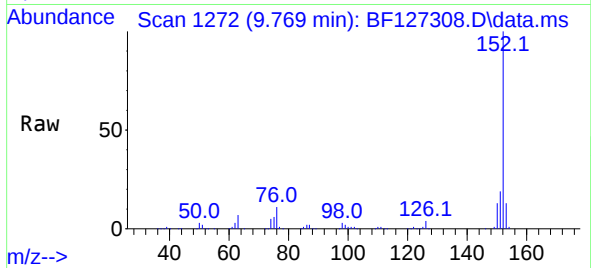
Ion	Ratio	Lower	Upper
65	100		
92	64.4	54.4	81.6
138	79.4	72.5	108.7





#49
Acenaphthylene
Concen: 9.199 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

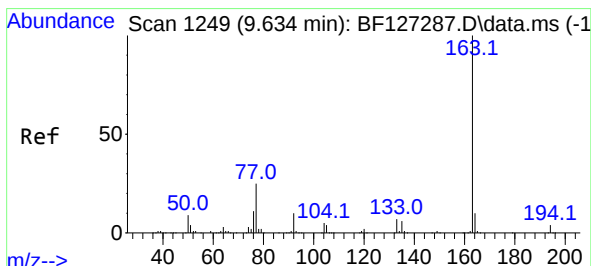
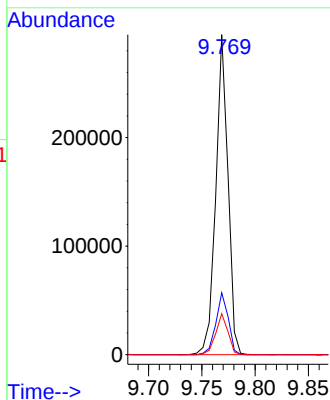
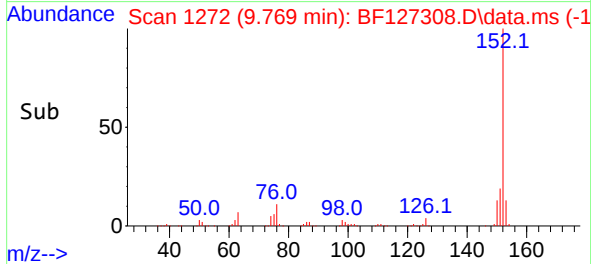
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



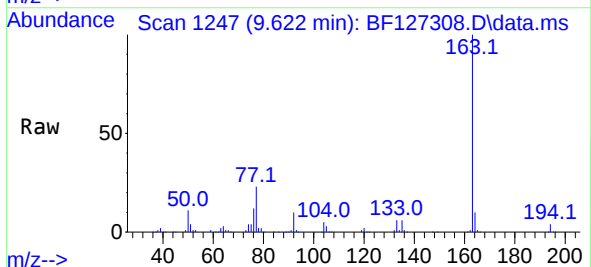
Tgt Ion:152 Resp: 23348
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.8 11.4 17.0

Manual Integrations
APPROVED

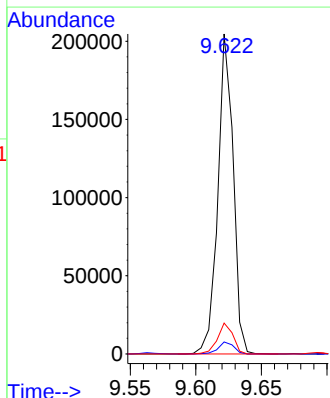
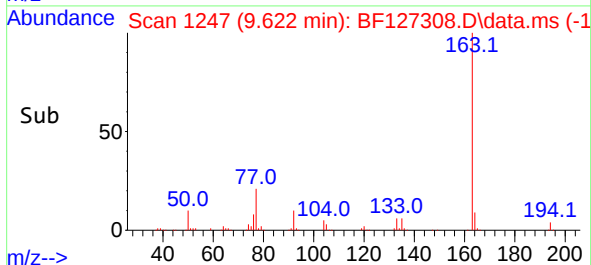
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

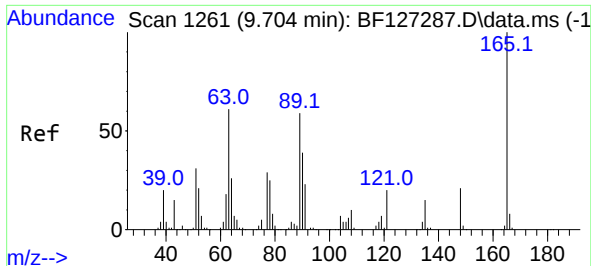


#50
Dimethylphthalate
Concen: 8.185 ng
RT: 9.622 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



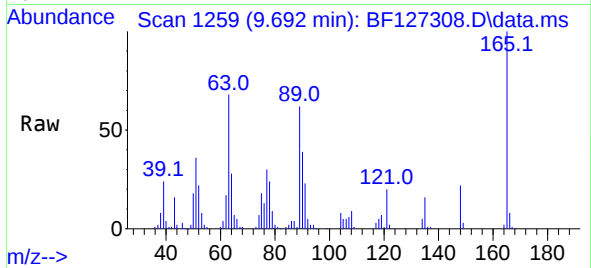
Tgt Ion:163 Resp: 165561
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 8.676 ng
RT: 9.692 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

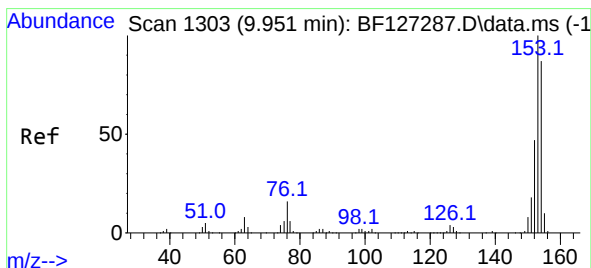
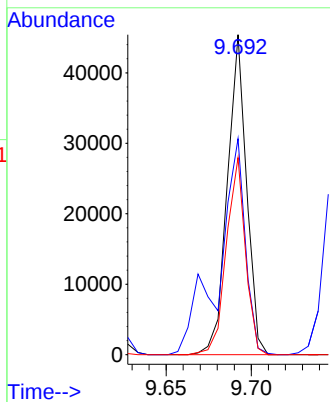
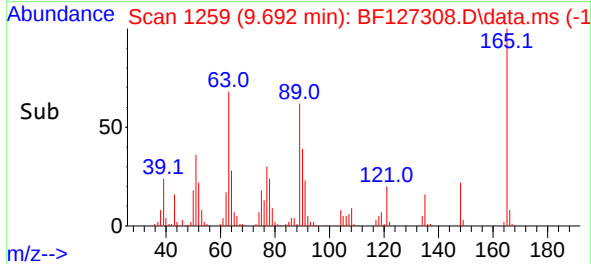
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



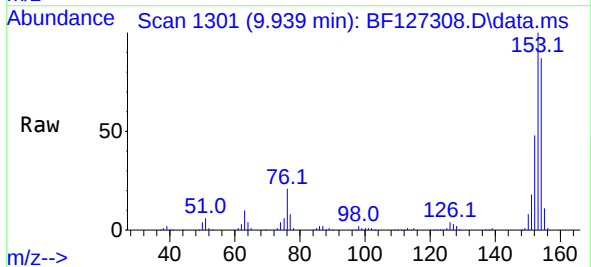
Tgt Ion:165 Resp: 35500
Ion Ratio Lower Upper
165 100
63 67.5 48.4 72.6
89 61.6 50.5 75.7

Manual Integrations
APPROVED

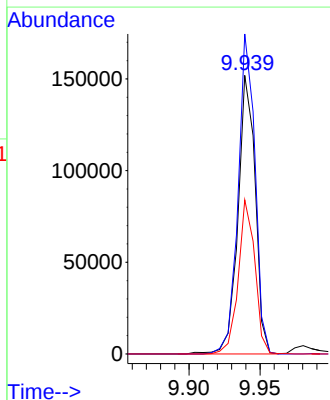
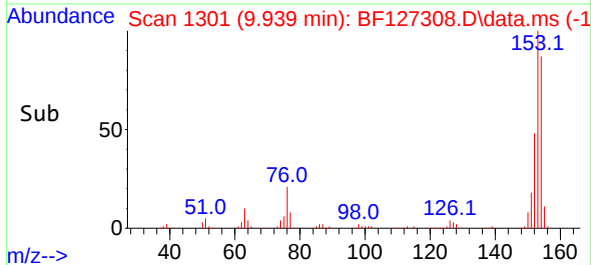
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

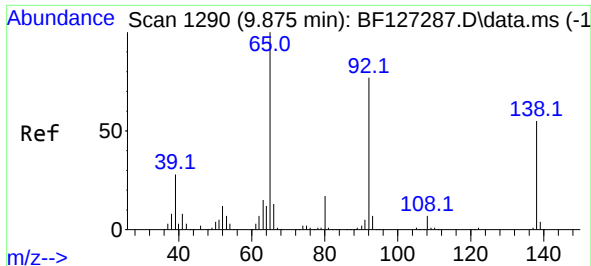


#52
Acenaphthene
Concen: 8.477 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



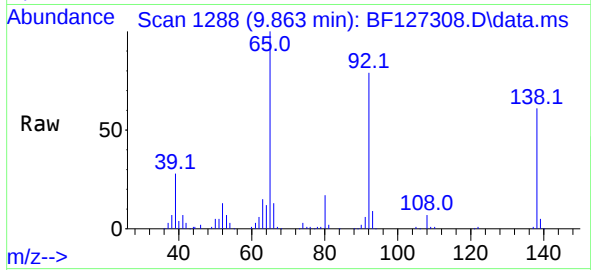
Tgt Ion:154 Resp: 128251
Ion Ratio Lower Upper
154 100
153 114.9 87.8 131.6
152 55.3 39.4 59.2





#53
3-Nitroaniline
Concen: 8.375 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

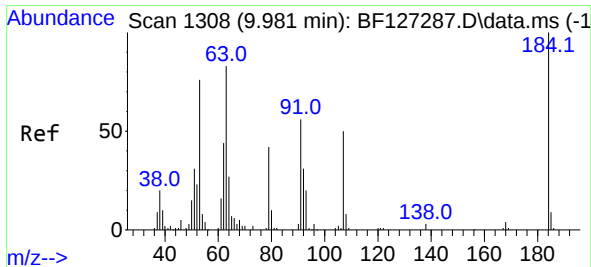
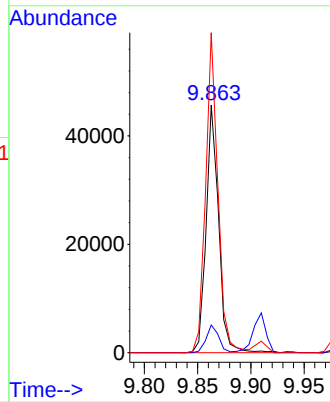
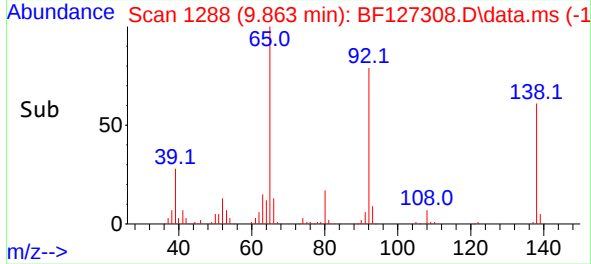
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



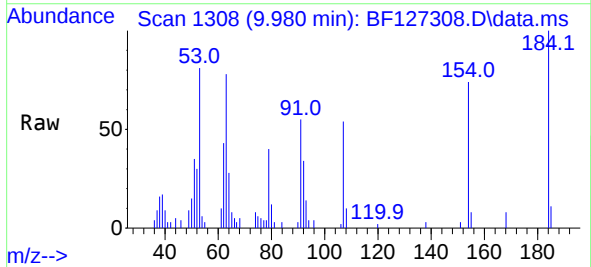
Tgt Ion:138 Resp: 3734
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 129.3 105.0 157.6

Manual Integrations
APPROVED

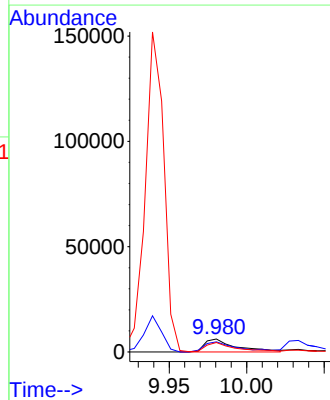
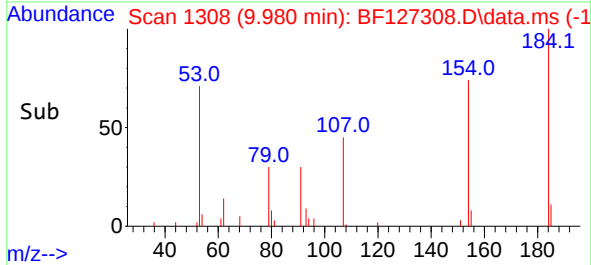
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

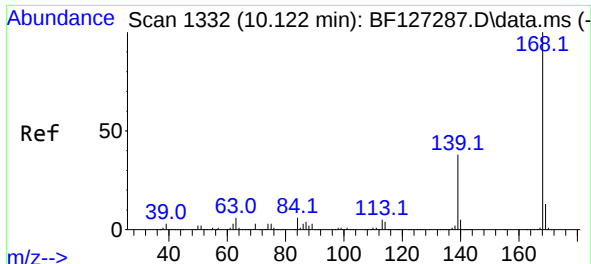


#54
2,4-Dinitrophenol
Concen: 4.281 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.001 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



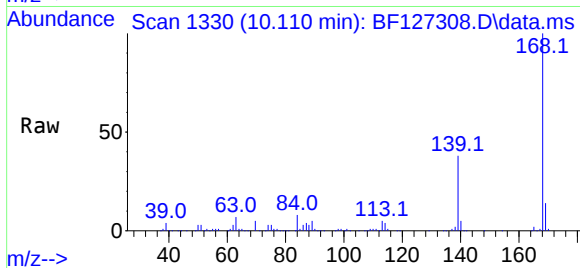
Tgt Ion:184 Resp: 8632
Ion Ratio Lower Upper
184 100
63 78.4 70.4 105.6
154 73.7 49.7 74.5





#55
Dibenzofuran
Concen: 8.500 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

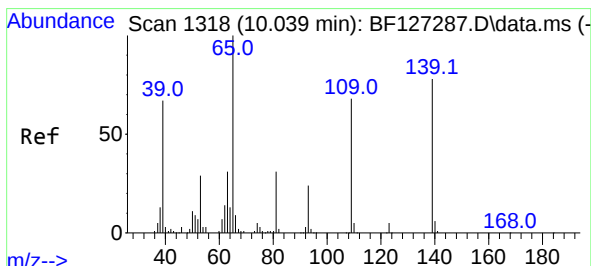
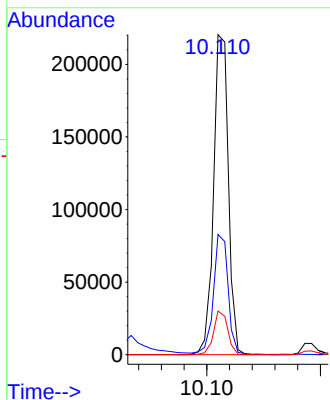
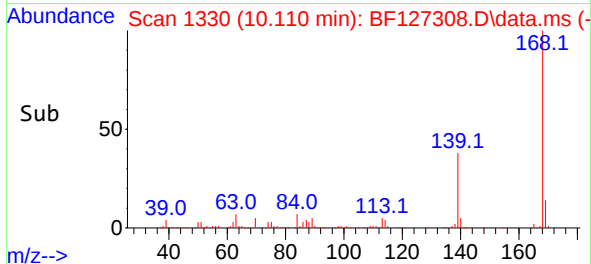
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:168 Resp: 19977
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0
169 13.6 10.0 15.0

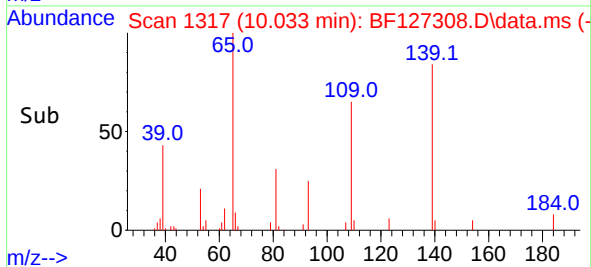
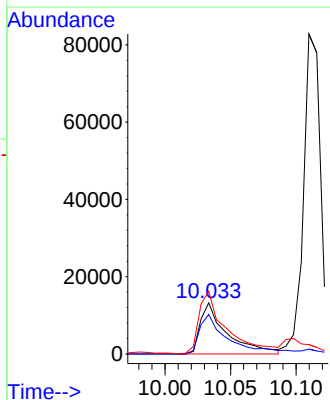
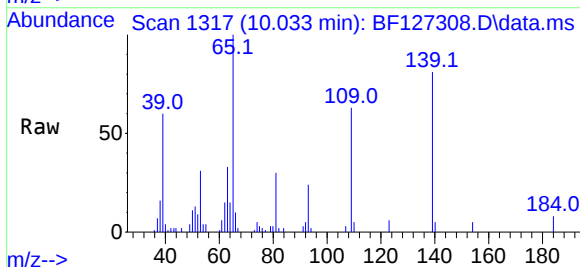
Manual Integrations
APPROVED

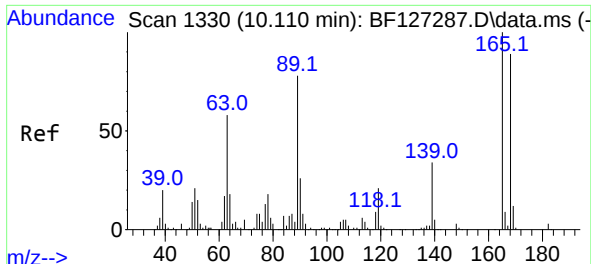
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#56
4-Nitrophenol
Concen: 6.891 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

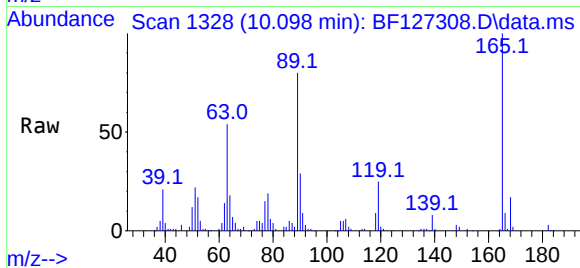
Tgt Ion:139 Resp: 18677
Ion Ratio Lower Upper
139 100
109 77.3 44.1 84.1
65 122.9 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 8.415 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

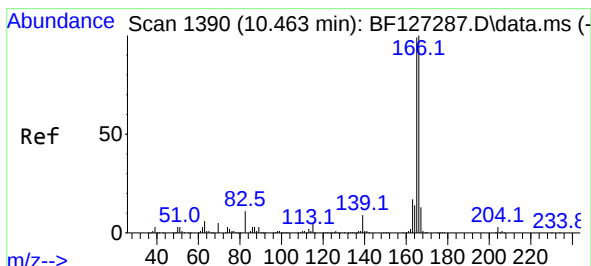
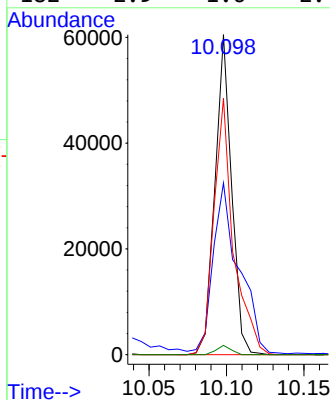
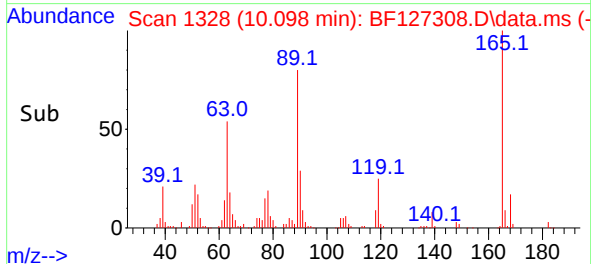
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



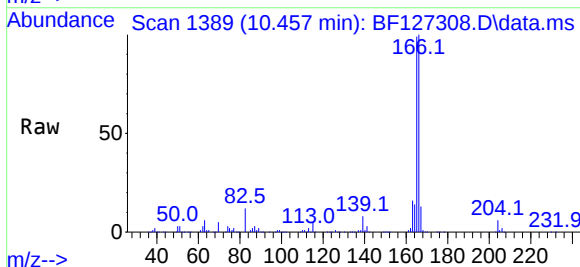
Tgt Ion:165 Resp: 45309
Ion Ratio Lower Upper
165 100
63 53.6 43.0 64.6
89 80.1 71.0 106.4
182 2.9 1.6 2.4#

Manual Integrations
APPROVED

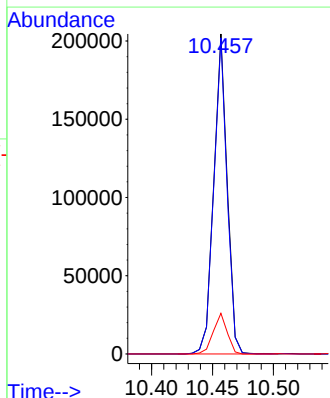
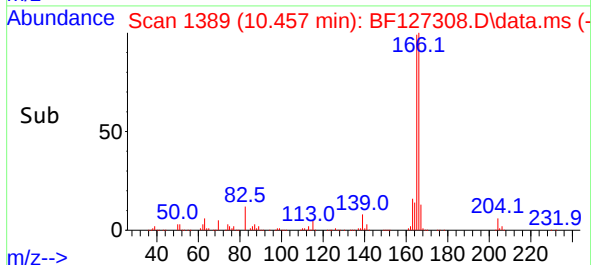
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

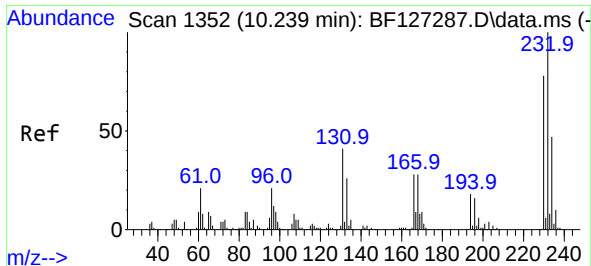


#58
Fluorene
Concen: 8.583 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



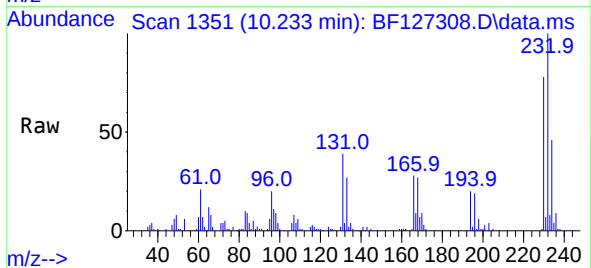
Tgt Ion:166 Resp: 156430
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 12.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.228 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

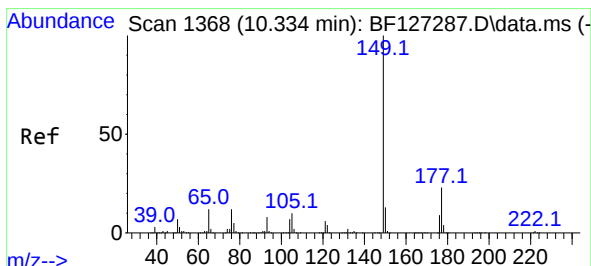
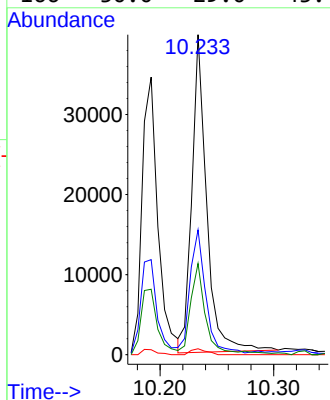
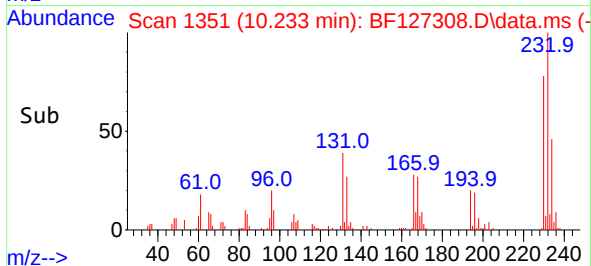
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



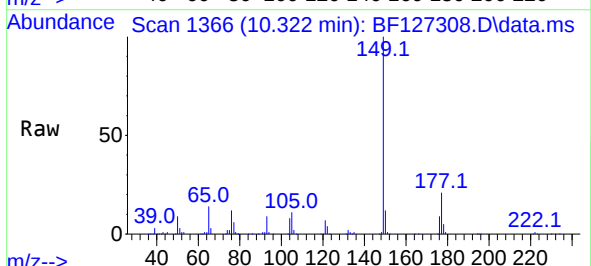
Tgt Ion:232 Resp: 35950
Ion Ratio Lower Upper
232 100
131 41.6 50.0 75.0
130 2.0 2.2 3.2
166 30.0 29.0 43.4

Manual Integrations
APPROVED

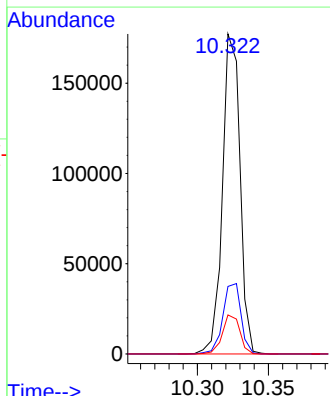
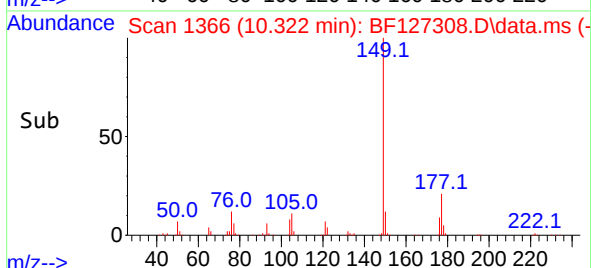
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

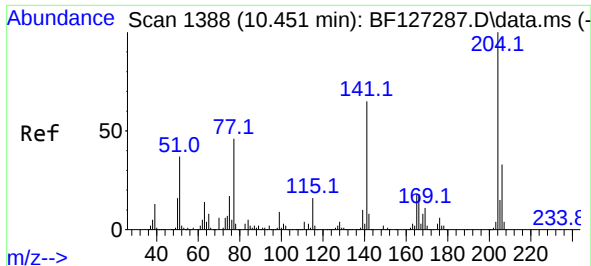


#60
Diethylphthalate
Concen: 8.219 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



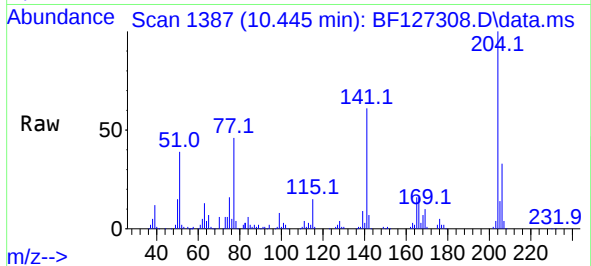
Tgt Ion:149 Resp: 151660
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 8.386 ng
RT: 10.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

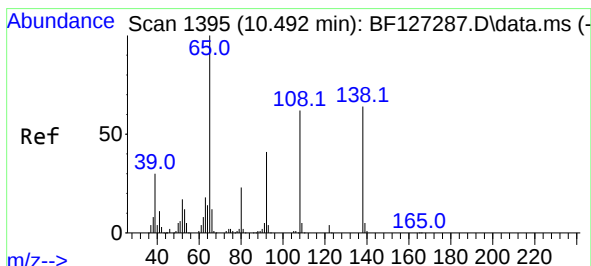
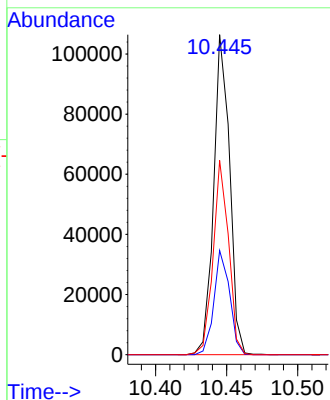
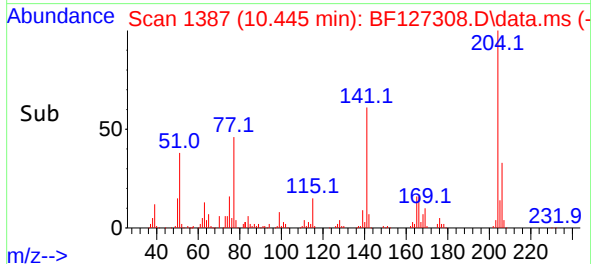
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



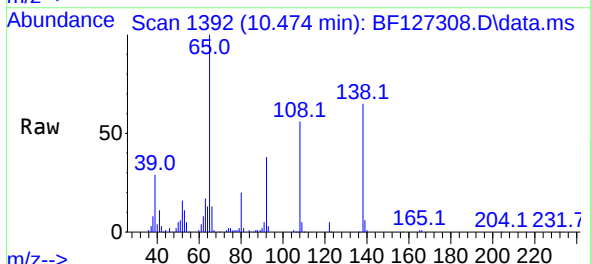
Tgt Ion:204 Resp: 82834
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 60.7 59.0 88.6

Manual Integrations
APPROVED

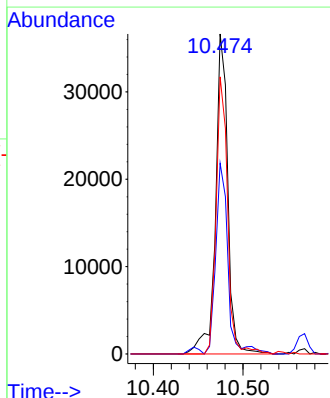
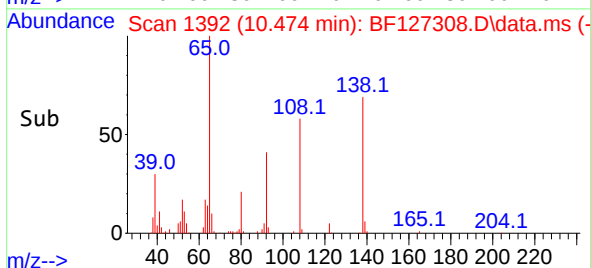
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

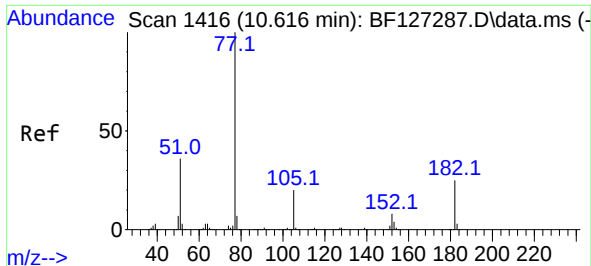


#62
4-Nitroaniline
Concen: 7.790 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



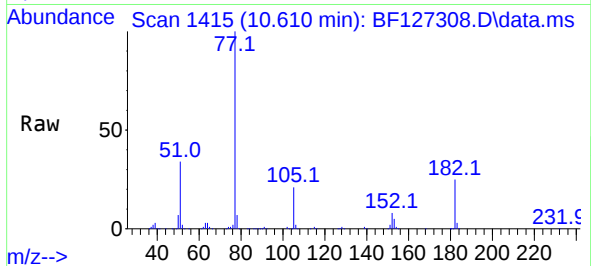
Tgt Ion:138 Resp: 34615
Ion Ratio Lower Upper
138 100
92 59.6 36.2 76.2
108 86.6 46.7 86.7





#63
Azobenzene
Concen: 8.236 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

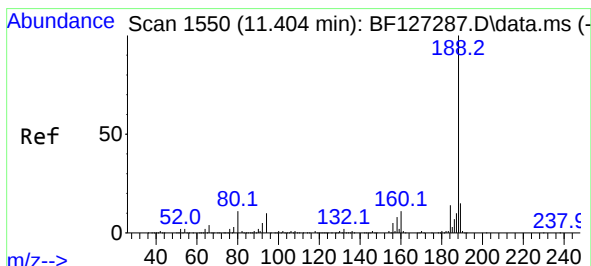
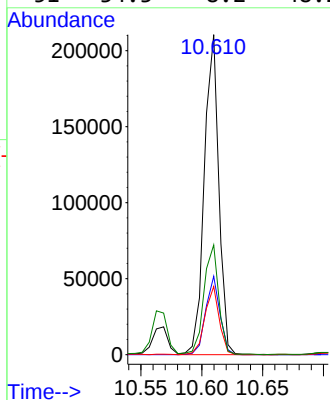
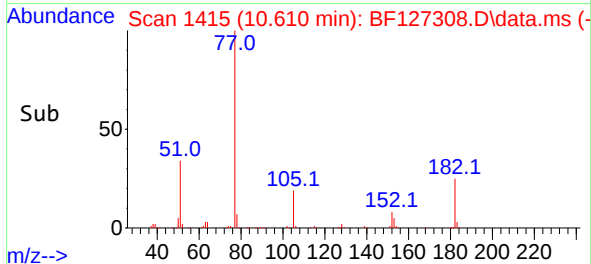
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 77 Resp: 17468
Ion Ratio Lower Upper
77 100
182 24.5 0.0 39.0
105 21.3 3.2 43.2
51 34.3 8.2 48.2

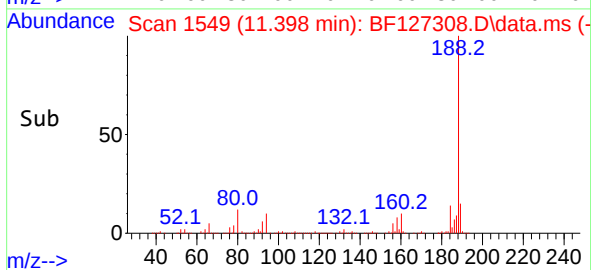
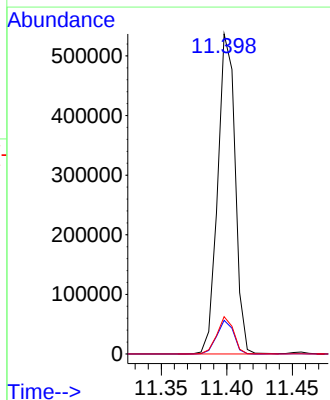
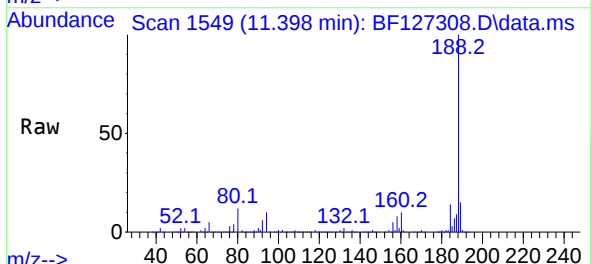
Manual Integrations
APPROVED

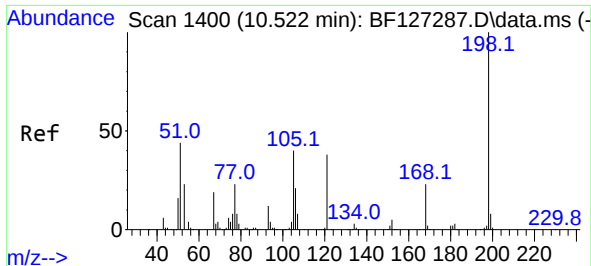
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Tgt Ion:188 Resp: 496062
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 11.7 11.8 17.6#





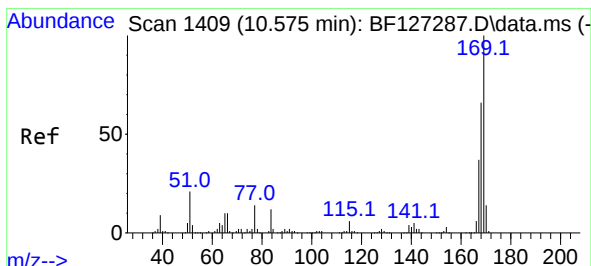
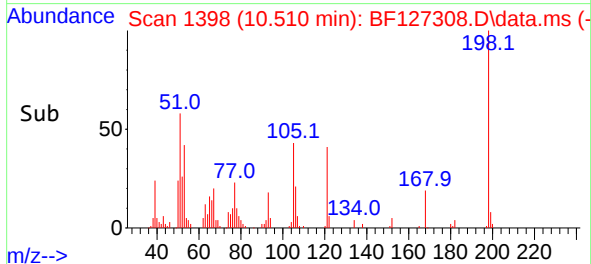
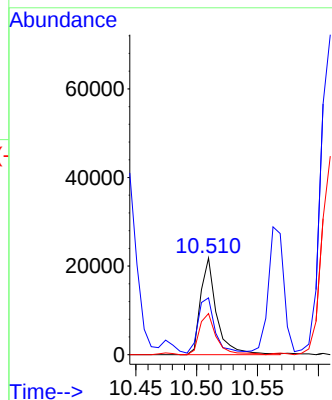
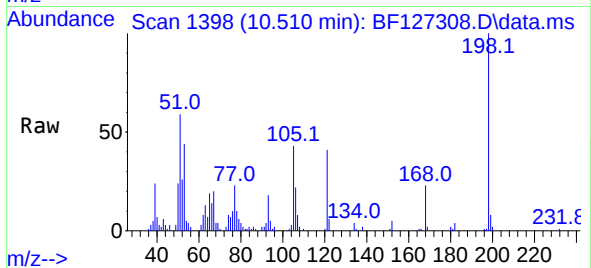
#65
4,6-Dinitro-2-methylphenol
Concen: 6.551 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:198 Resp: 20038
Ion Ratio Lower Upper
198 100
51 58.9 32.0 72.0
105 42.6 32.7 72.7

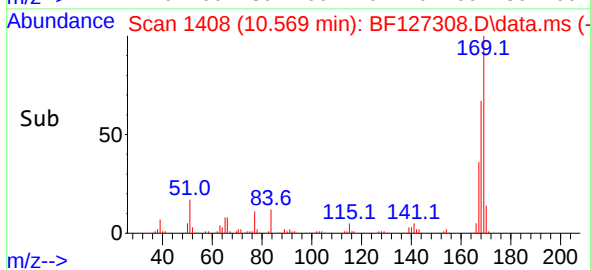
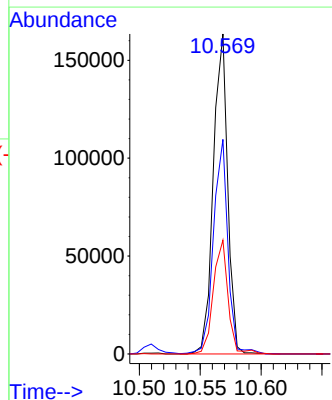
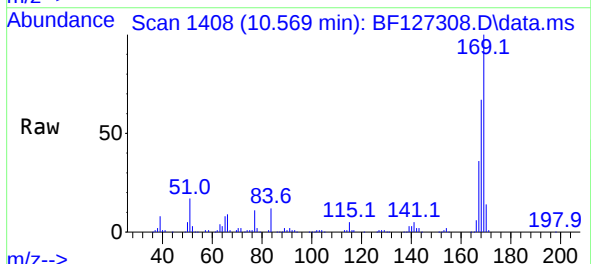
Manual Integrations
APPROVED

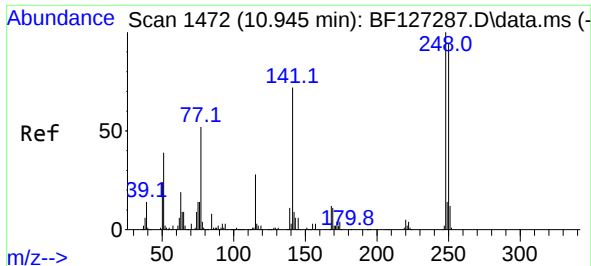
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#66
n-Nitrosodiphenylamine
Concen: 8.690 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

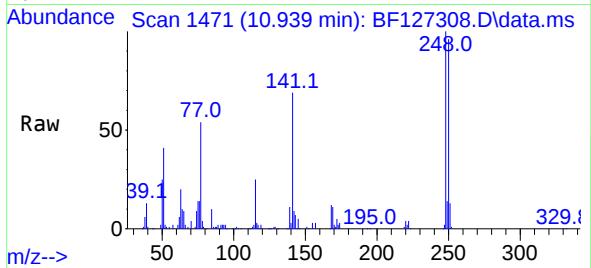
Tgt Ion:169 Resp: 133873
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 35.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 8.310 ng
RT: 10.939 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

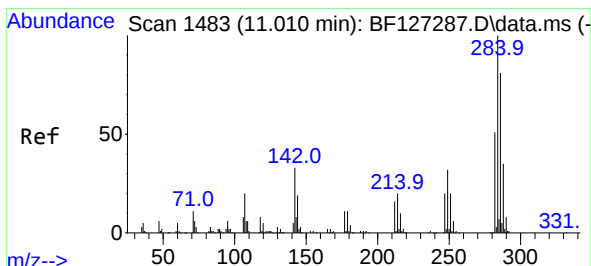
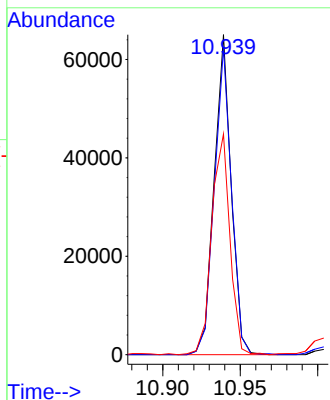
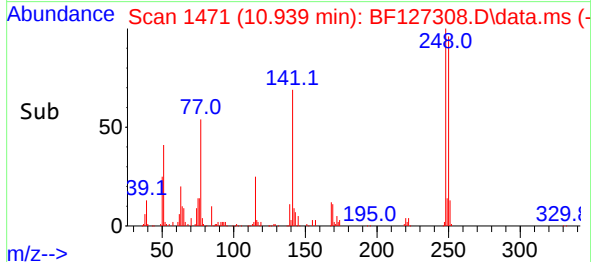
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



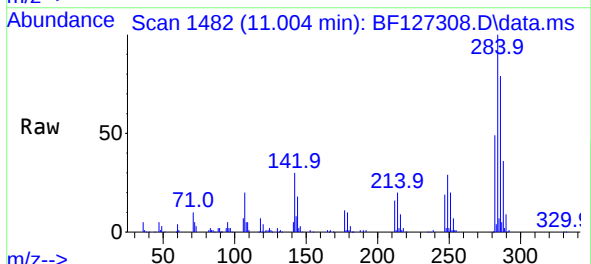
Tgt Ion:248 Resp: 4969
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.4
141 68.9 66.2 99.4

Manual Integrations
APPROVED

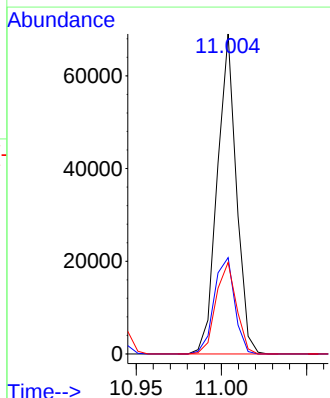
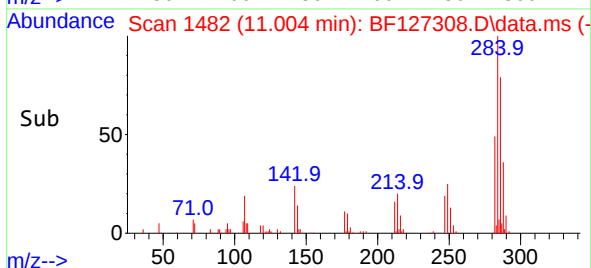
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

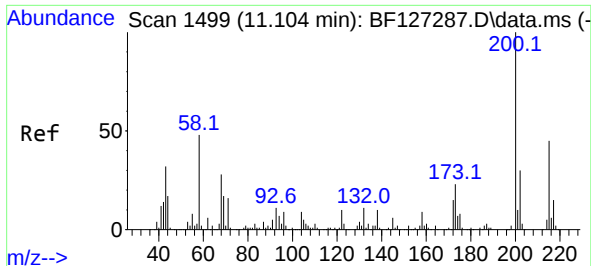


#68
Hexachlorobenzene
Concen: 8.259 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



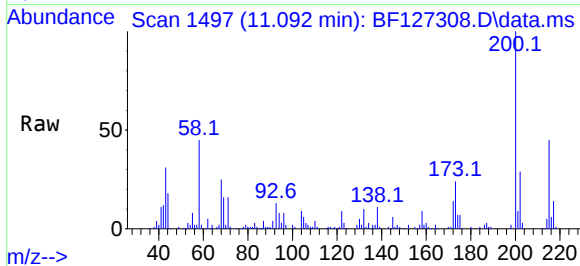
Tgt Ion:284 Resp: 53822
Ion Ratio Lower Upper
284 100
142 30.1 30.7 46.1#
249 28.6 21.1 31.7





#69
Atrazine
Concen: 9.221 ng
RT: 11.092 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

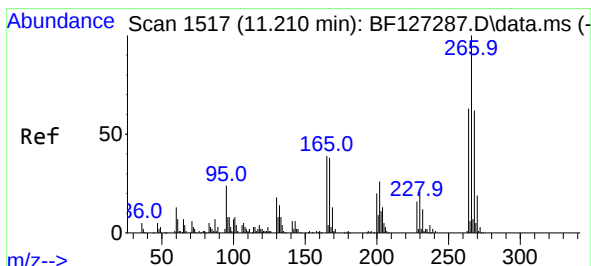
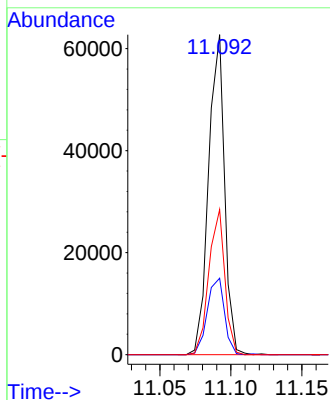
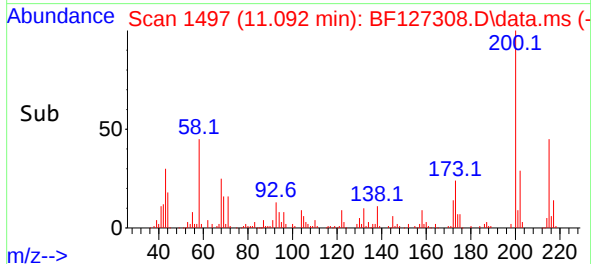
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



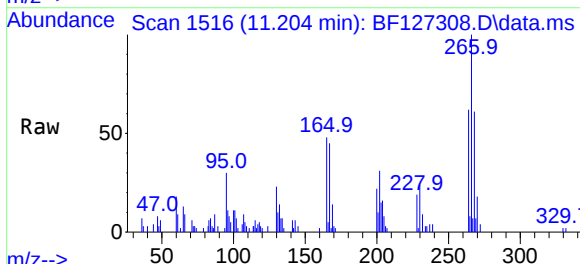
Tgt Ion:200 Resp: 49020
Ion Ratio Lower Upper
200 100
173 23.9 9.2 49.2
215 45.3 23.2 63.2

Manual Integrations
APPROVED

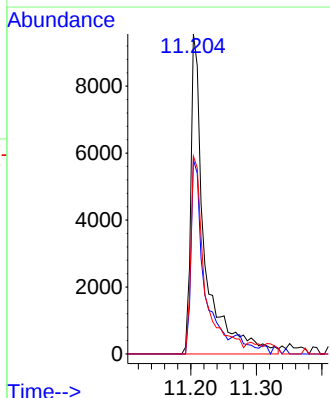
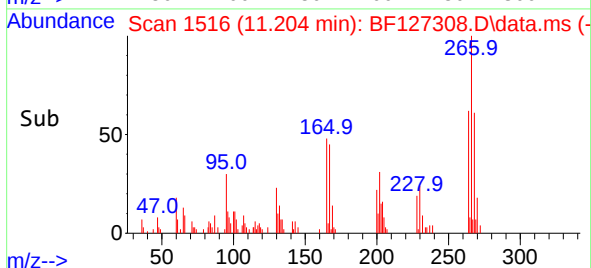
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

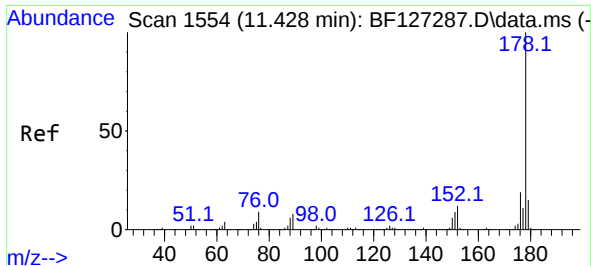


#70
Pentachlorophenol
Concen: 5.433 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



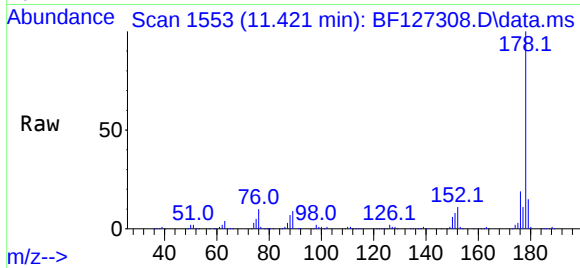
Tgt Ion:266 Resp: 14296
Ion Ratio Lower Upper
266 100
268 60.8 52.3 78.5
264 61.8 50.4 75.6





#71
Phenanthrene
Concen: 8.597 ng
RT: 11.421 min Scan# 11553
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

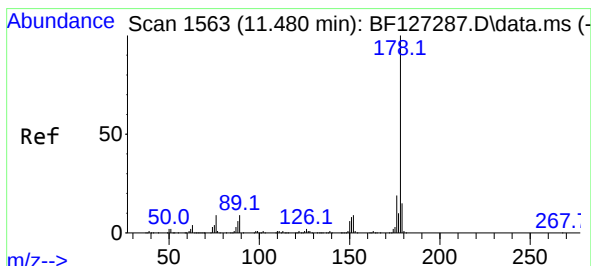
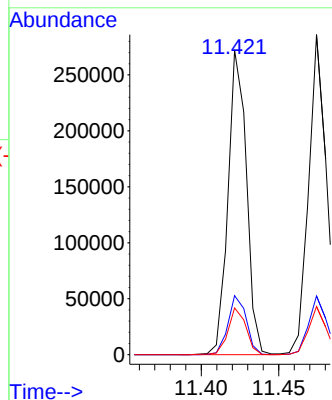
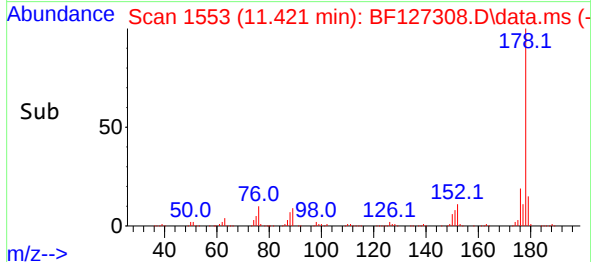
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



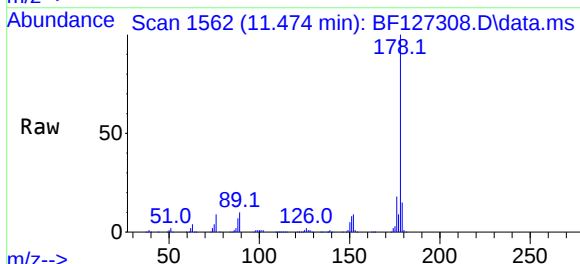
Tgt Ion:178 Resp: 225128
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.3 18.5

Manual Integrations
APPROVED

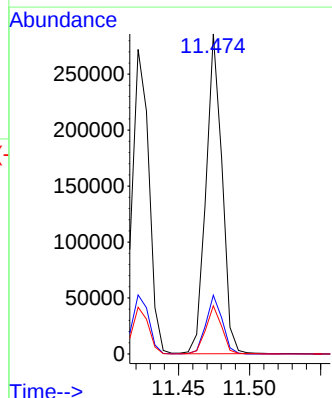
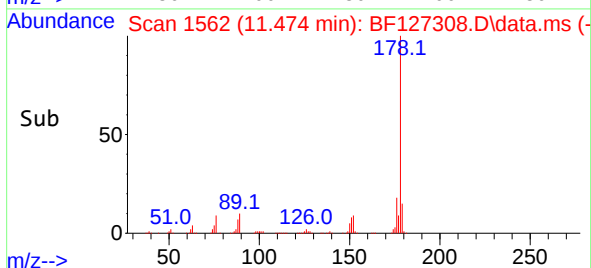
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

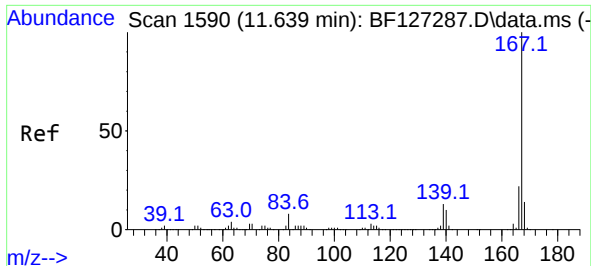


#72
Anthracene
Concen: 8.708 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



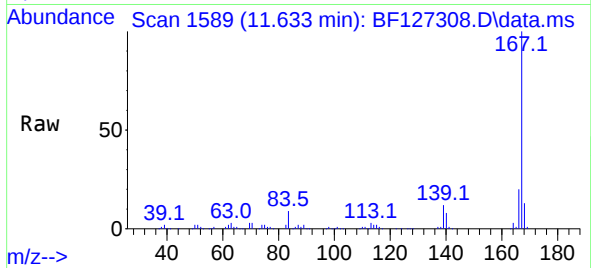
Tgt Ion:178 Resp: 225835
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.0 12.5 18.7





#73
 Carbazole
 Concen: 8.225 ng
 RT: 11.633 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127308.D
 Acq: 11 Mar 2022 19:14

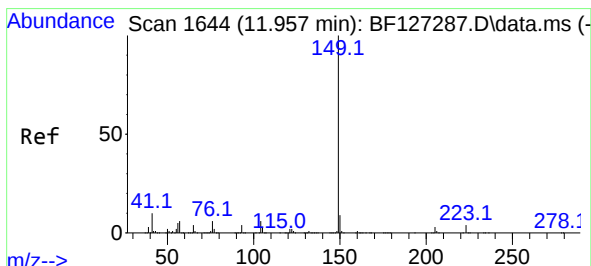
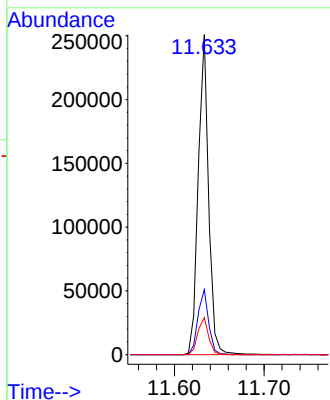
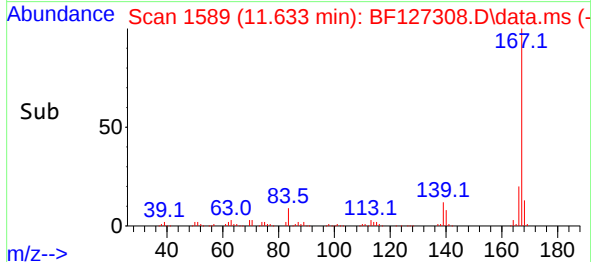
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



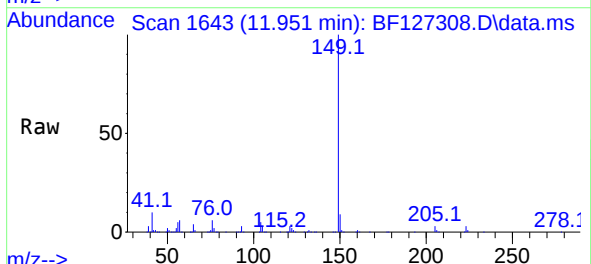
Tgt Ion:167 Resp: 200864
 Ion Ratio Lower Upper
 167 100
 166 20.3 16.9 25.3
 139 11.6 11.3 16.9

Manual Integrations
 APPROVED

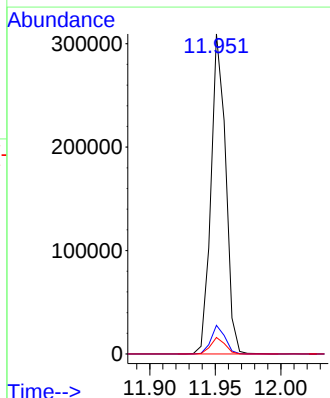
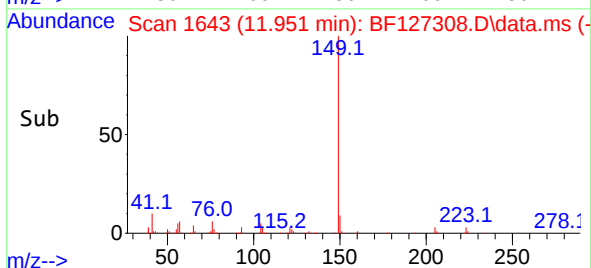
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

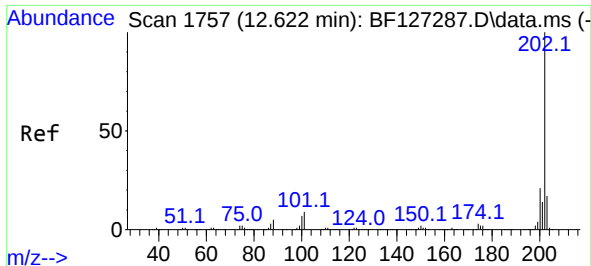


#74
 Di-n-butylphthalate
 Concen: 8.454 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF127308.D
 Acq: 11 Mar 2022 19:14



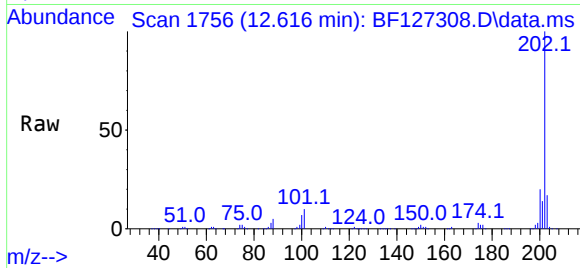
Tgt Ion:149 Resp: 241473
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 8.435 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

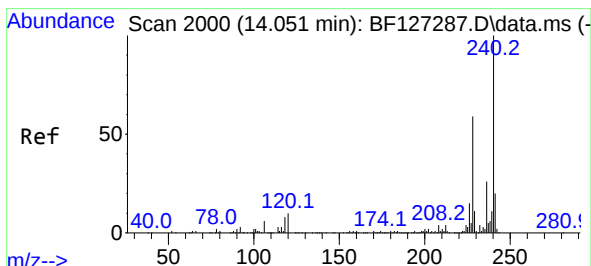
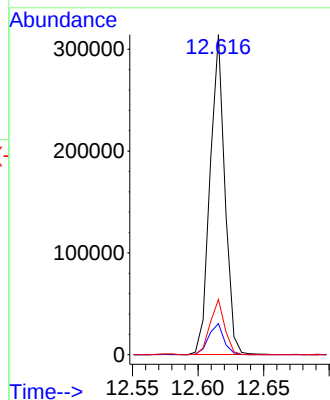
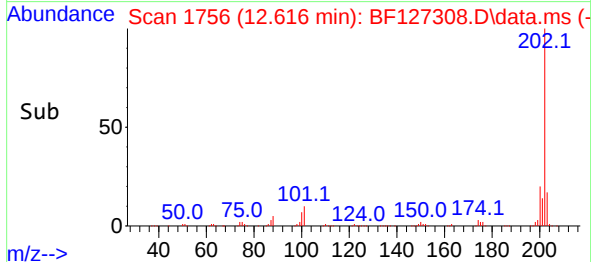
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



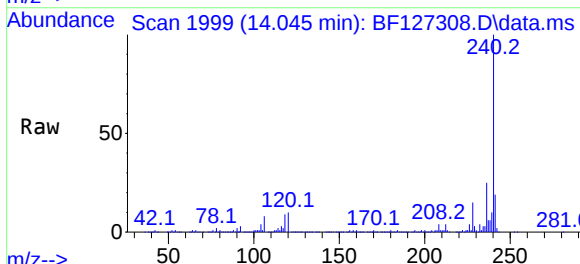
Tgt Ion:202 Resp: 246978
Ion Ratio Lower Upper
202 100
101 9.7 0.0 35.7
203 17.3 0.0 37.1

Manual Integrations
APPROVED

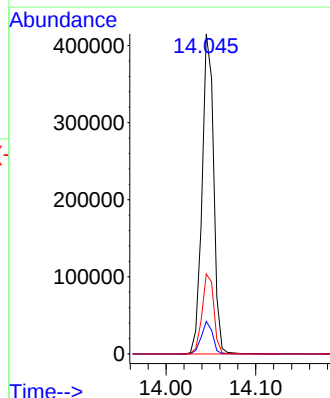
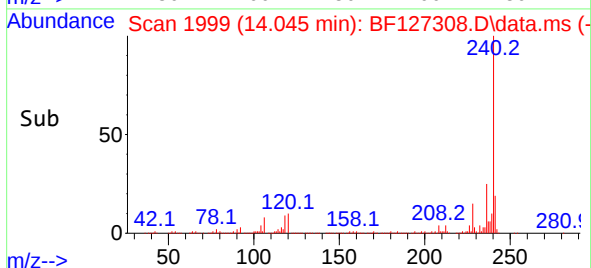
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

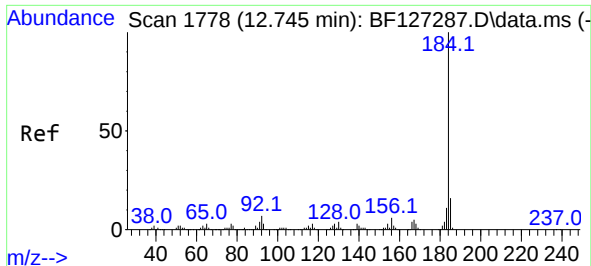


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



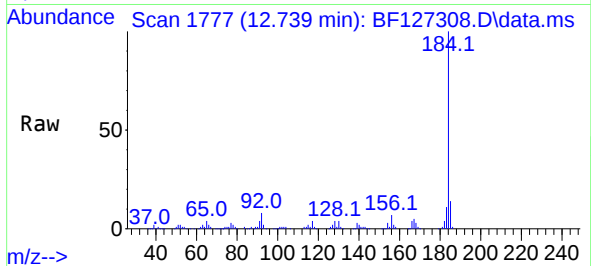
Tgt Ion:240 Resp: 372400
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.0 20.5 30.7





#77
Benzidine
Concen: 12.375 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

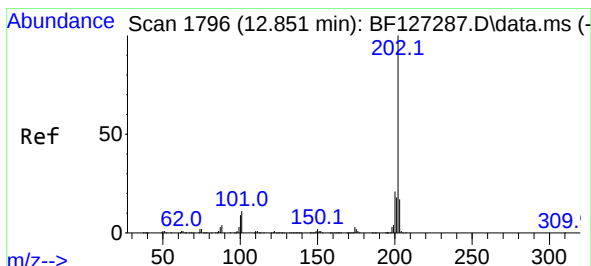
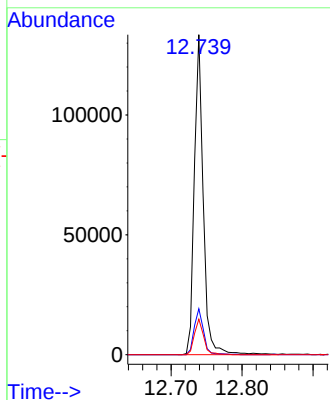
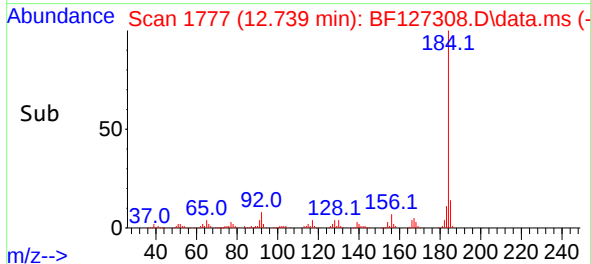
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:184 Resp: 117190
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.1 8.2 12.2

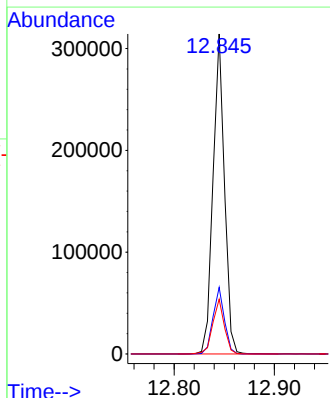
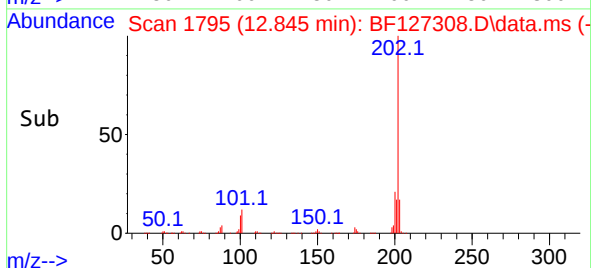
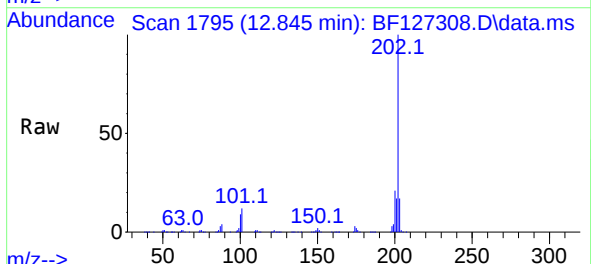
Manual Integrations
APPROVED

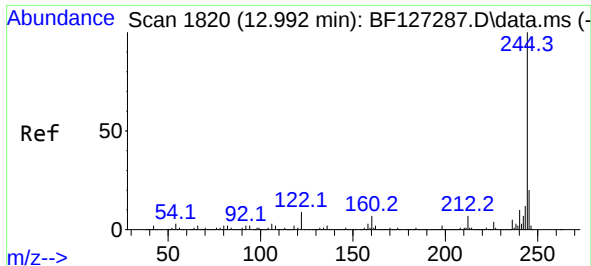
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#78
Pyrene
Concen: 8.592 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

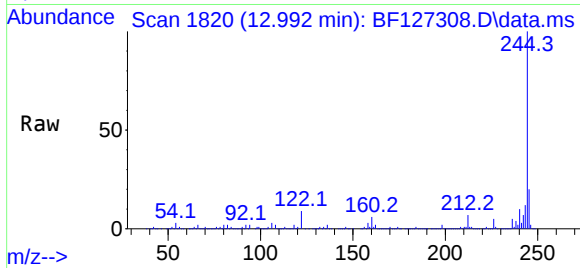
Tgt Ion:202 Resp: 249210
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.1 13.8 20.8





#79
Terphenyl-d14
Concen: 59.588 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

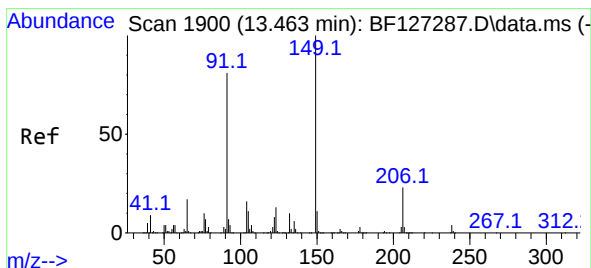
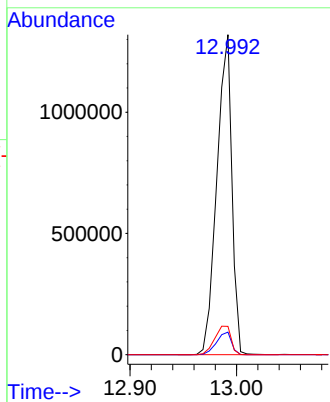
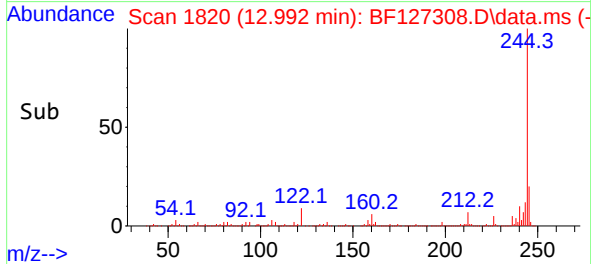
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:244 Resp: 128869
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 8.9 13.3 19.9

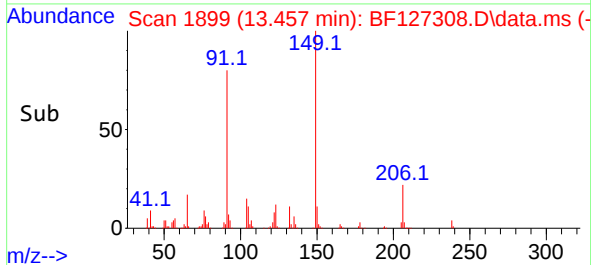
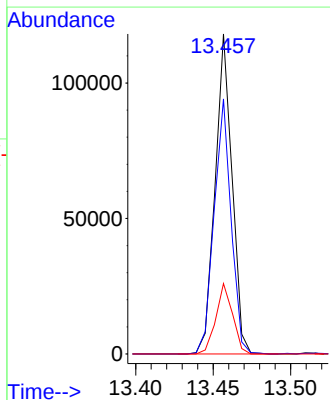
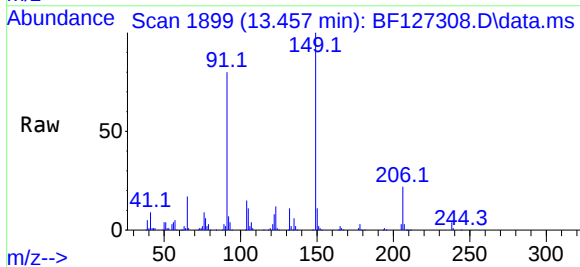
Manual Integrations
APPROVED

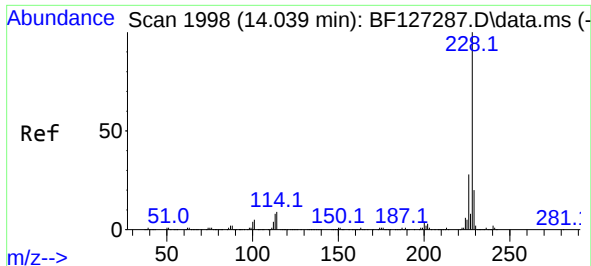
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#80
Butylbenzylphthalate
Concen: 8.036 ng
RT: 13.457 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

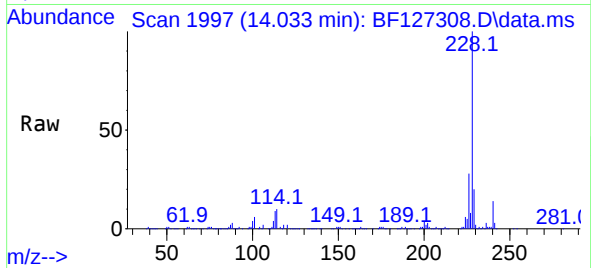
Tgt Ion:149 Resp: 89713
Ion Ratio Lower Upper
149 100
91 79.7 70.5 105.7
206 22.0 12.6 19.0





#81
Benzo(a)anthracene
Concen: 8.144 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

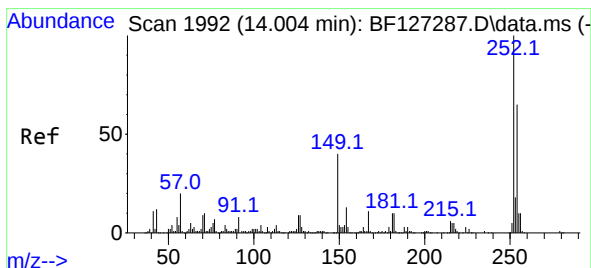
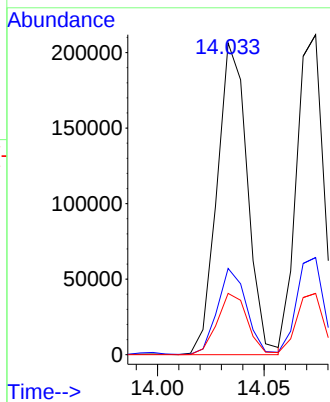
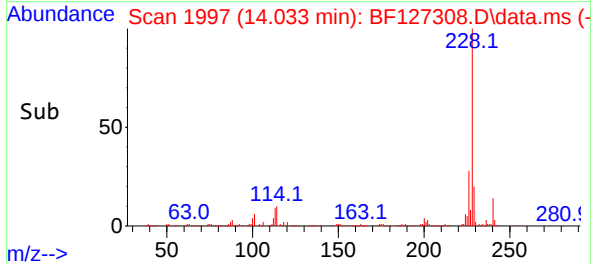
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



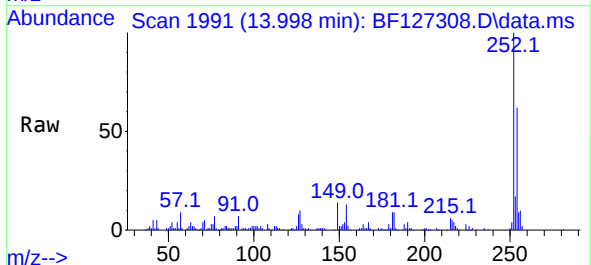
Tgt Ion:228 Resp: 20419
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 19.7 15.4 23.2

Manual Integrations
APPROVED

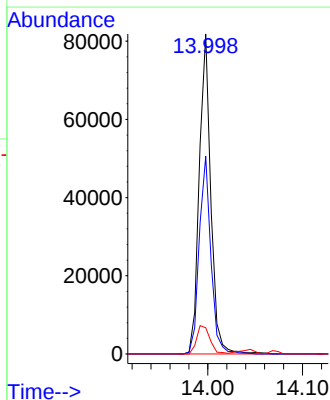
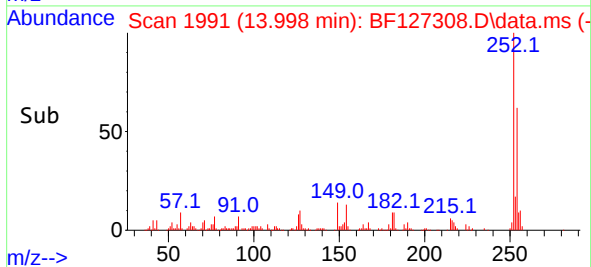
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

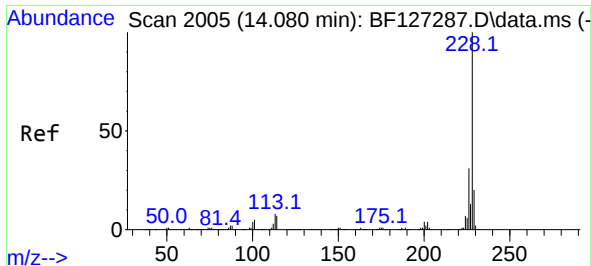


#82
3,3'-Dichlorobenzidine
Concen: 8.900 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



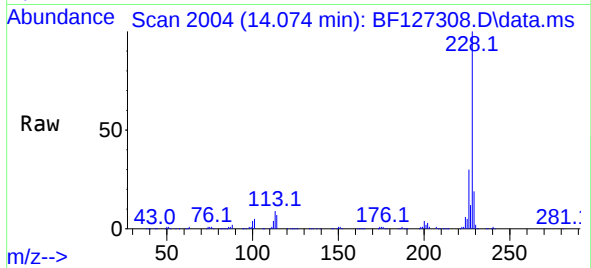
Tgt Ion:252 Resp: 69386
Ion Ratio Lower Upper
252 100
254 61.8 51.0 76.4
126 8.2 13.4 20.0#





#83
Chrysene
Concen: 8.120 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

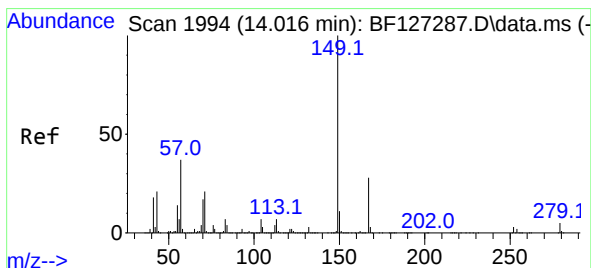
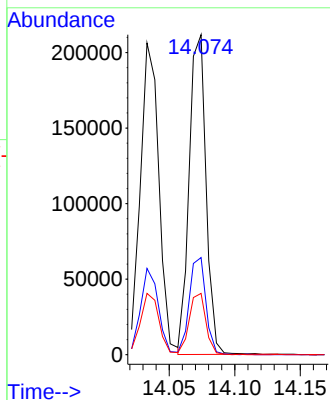
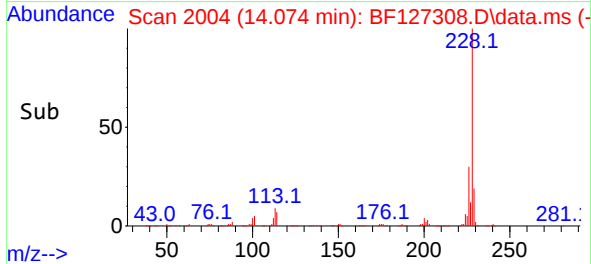
Instrument : BNA_F
Client SampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:228 Resp: 189380
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.2 15.5 23.3

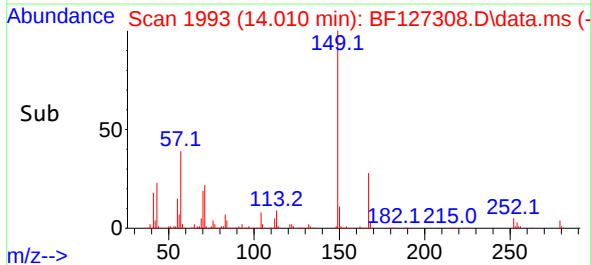
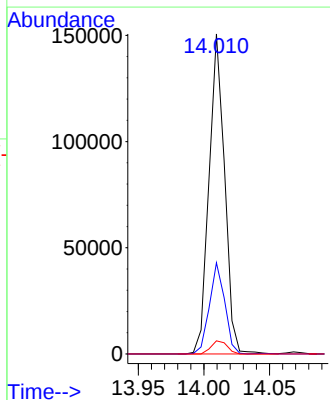
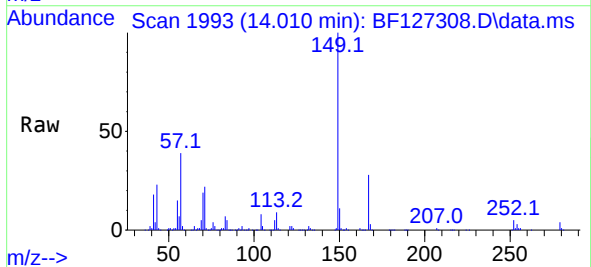
Manual Integrations
APPROVED

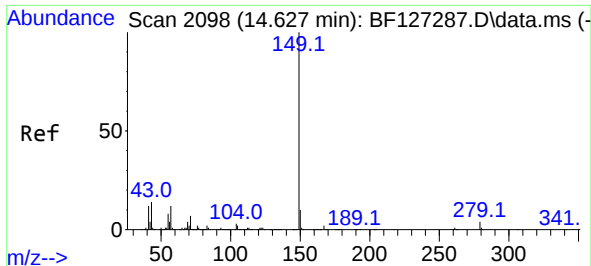
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.309 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

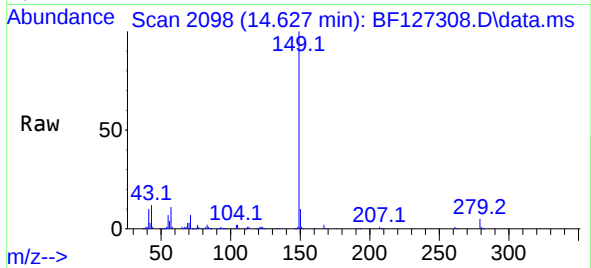
Tgt Ion:149 Resp: 124861
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.2
279 4.1 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 7.974 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

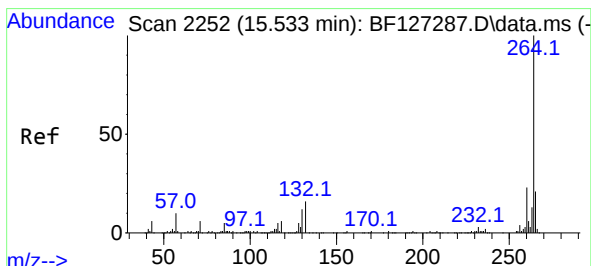
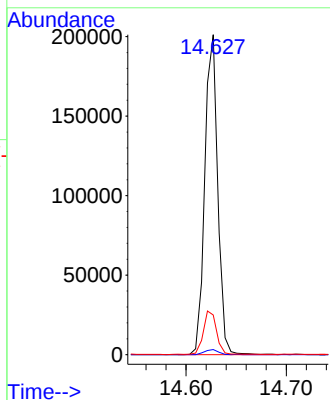
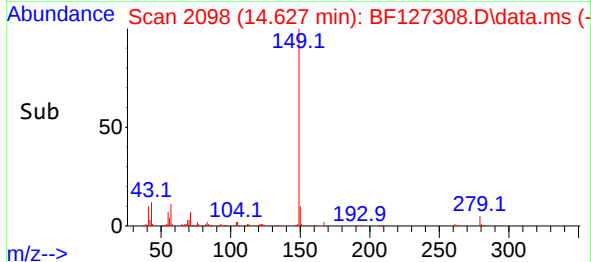
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



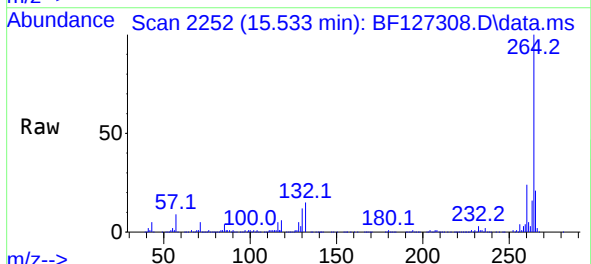
Tgt Ion:149 Resp: 18137
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 14.5 9.9 14.9

Manual Integrations
APPROVED

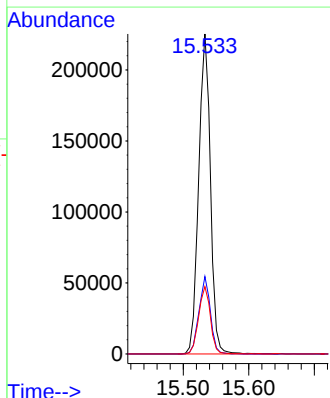
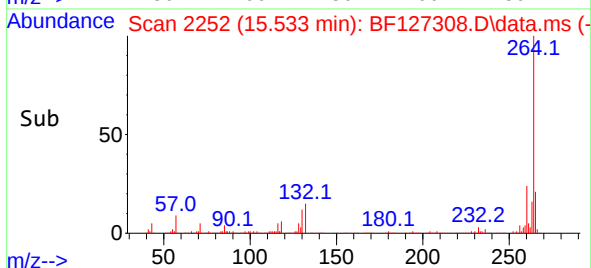
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

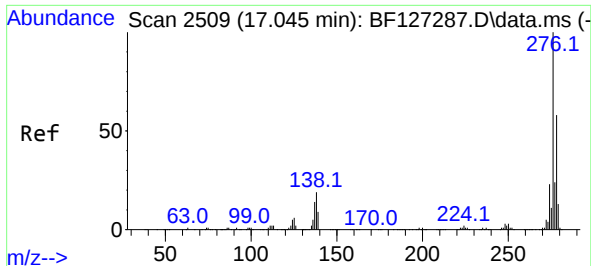


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



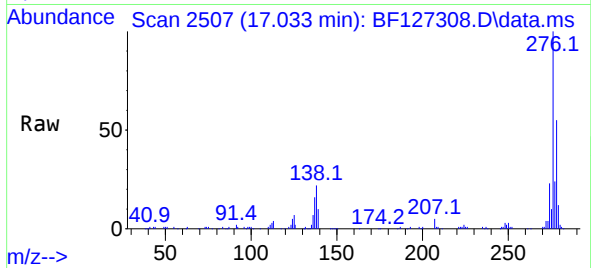
Tgt Ion:264 Resp: 280555
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.378 ng
RT: 17.033 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14

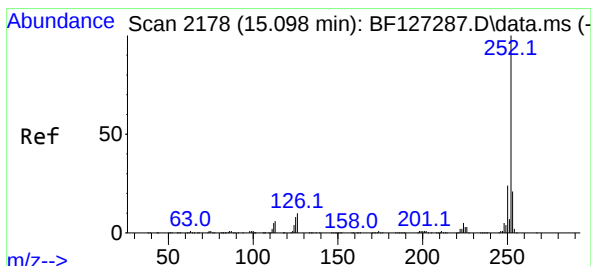
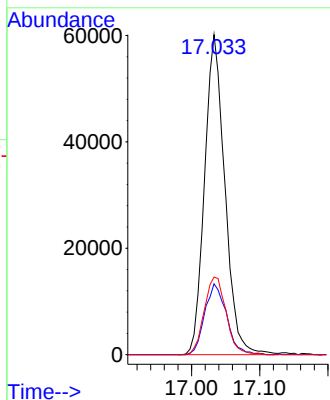
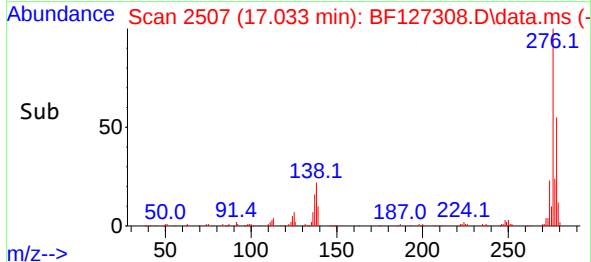
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



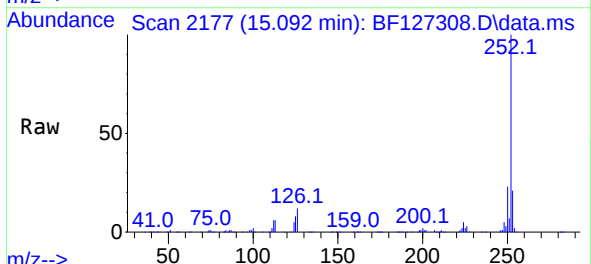
Tgt Ion: 276 Resp: 124704
Ion Ratio Lower Upper
276 100
138 23.8 29.2 43.8
277 26.1 19.8 29.8

Manual Integrations
APPROVED

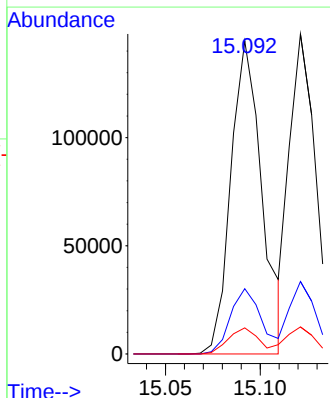
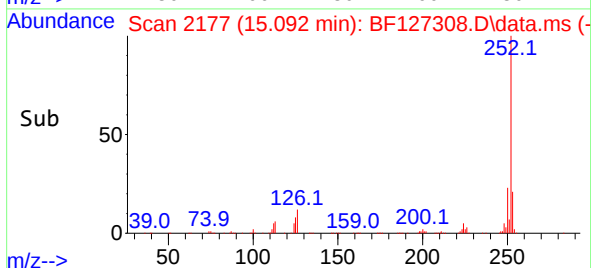
Reviewed By : Christian Giraldo 03/14/2022
Supervised By : Jagrut Upadhyay 03/14/2022

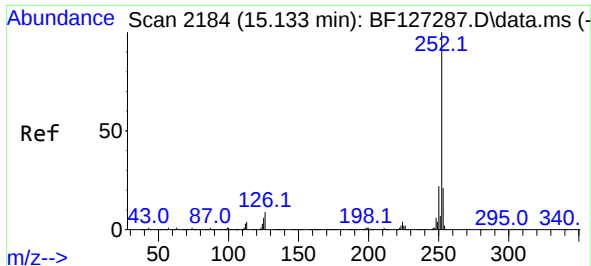


#88
Benzo(b)fluoranthene
Concen: 8.988 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF127308.D
Acq: 11 Mar 2022 19:14



Tgt Ion: 252 Resp: 165527
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 8.3 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 8.415 ng

RT: 15.121 min Scan# 2184

Delta R.T. -0.012 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:252 Resp: 145700

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

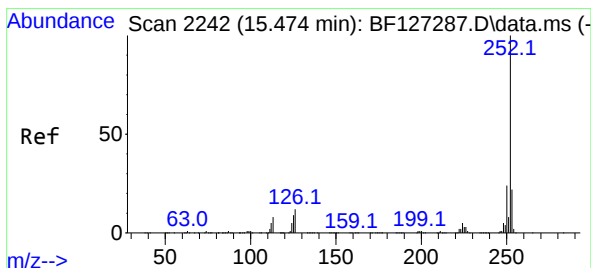
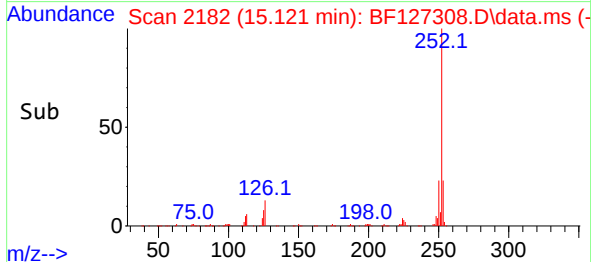
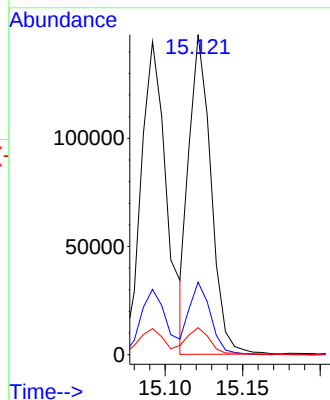
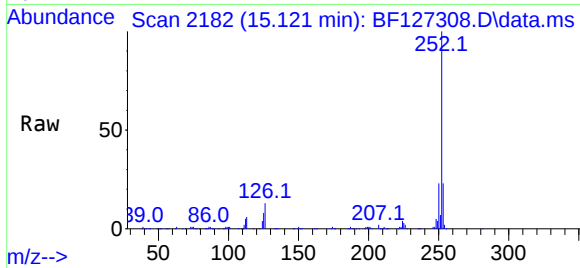
125 8.5 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#90

Benzo(a)pyrene

Concen: 9.600 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

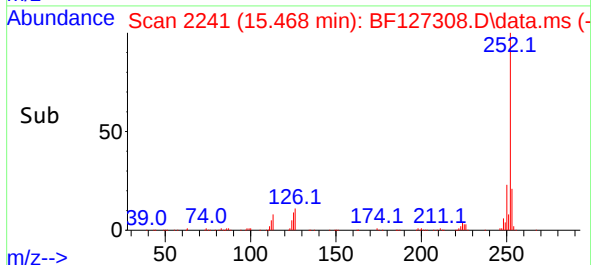
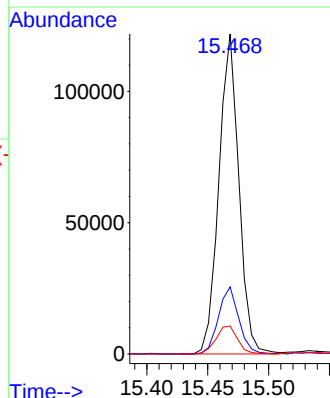
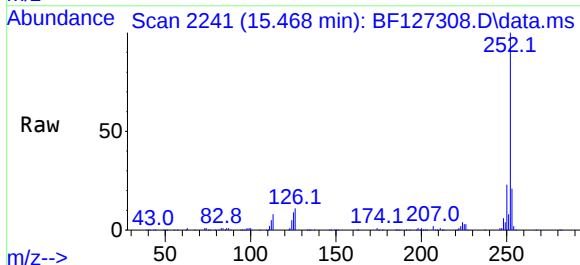
Tgt Ion:252 Resp: 139218

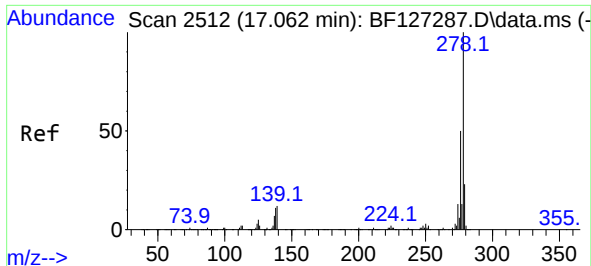
Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 8.8 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 7.928 ng

RT: 17.045 min Scan# 2509

Delta R.T. -0.018 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:278 Resp: 11151

Ion Ratio Lower Upper

278 100

139 14.5 18.0 27.0

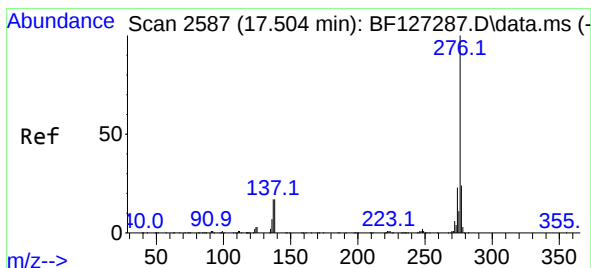
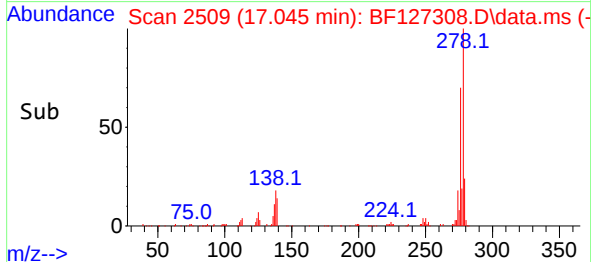
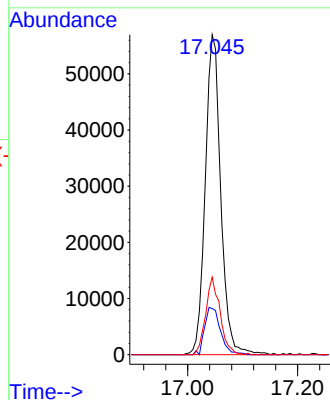
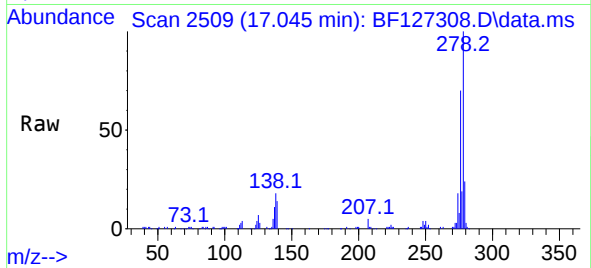
279 24.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#92

Benzo(g,h,i)perylene

Concen: 7.602 ng

RT: 17.486 min Scan# 2584

Delta R.T. -0.018 min

Lab File: BF127308.D

Acq: 11 Mar 2022 19:14

Tgt Ion:276 Resp: 104313

Ion Ratio Lower Upper

276 100

277 25.3 18.5 27.7

138 21.2 25.9 38.9

