

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127299.D
 Acq On : 11 Mar 2022 13:02
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 11 13:40:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 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	100645	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	357962	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214086	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	391270	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	317323	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	219691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	594563	94.967	ng	0.00
7) Phenol-d6	6.504	99	811574	94.231	ng	0.00
23) Nitrobenzene-d5	7.433	82	579922	66.906	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219455	95.224	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	960447	63.426	ng	0.00
79) Terphenyl-d14	12.992	244	1122931	60.936	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	13732	4.230	ng	# 84
3) Pyridine	3.475	79	32062	3.712	ng	# 81
4) n-Nitrosodimethylamine	3.369	42	19645	4.105	ng	# 64
6) Aniline	6.534	93	56417	5.481	ng	95
8) 2-Chlorophenol	6.651	128	32802	5.065	ng	89
9) Benzaldehyde	6.422	77	32399	6.453	ng	84
10) Phenol	6.510	94	47101	4.978	ng	# 63
11) bis(2-Chloroethyl)ether	6.604	93	35821	5.098	ng	93
12) 1,3-Dichlorobenzene	6.810	146	37013	5.091	ng	98
13) 1,4-Dichlorobenzene	6.886	146	37209	5.102	ng	98
14) 1,2-Dichlorobenzene	7.039	146	34500	5.026	ng	96
15) Benzyl Alcohol	7.010	79	34675	5.371	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.139	45	65088	4.937	ng	98
17) 2-Methylphenol	7.116	107	27191	4.938	ng	96
18) Hexachloroethane	7.375	117	13681	4.883	ng	# 84
19) n-Nitroso-di-n-propyla...	7.269	70	26908	5.007	ng	# 85
20) 3+4-Methylphenols	7.275	107	36008	5.043	ng	# 48
22) Acetophenone	7.275	105	48787	4.978	ng	# 91
24) Nitrobenzene	7.451	77	41784	5.097	ng	# 97
25) Isophorone	7.680	82	72048	5.169	ng	98
26) 2-Nitrophenol	7.769	139	15741	4.636	ng	# 76
27) 2,4-Dimethylphenol	7.798	122	28373	5.567	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	44295	5.016	ng	98
29) 2,4-Dichlorophenol	8.010	162	28519	4.886	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	32448	4.876	ng	96
31) Naphthalene	8.175	128	100398	5.258	ng	99
32) Benzoic acid	7.892	122	8446m	2.671	ng	
33) 4-Chloroaniline	8.222	127	39639	5.356	ng	93
34) Hexachlorobutadiene	8.280	225	20974	4.727	ng	97
35) Caprolactam	8.557	113	8198	4.702	ng	# 62
36) 4-Chloro-3-methylphenol	8.704	107	29885	4.724	ng	98
37) 2-Methylnaphthalene	8.863	142	64932	5.204	ng	97
38) 1-Methylnaphthalene	8.963	142	63338	5.280	ng	98
40) 1,2,4,5-Tetrachloroben...	9.027	216	34049	5.024	ng	# 95
41) Hexachlorocyclopentadiene	9.010	237	5392	2.264	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	18758	4.385	ng	97

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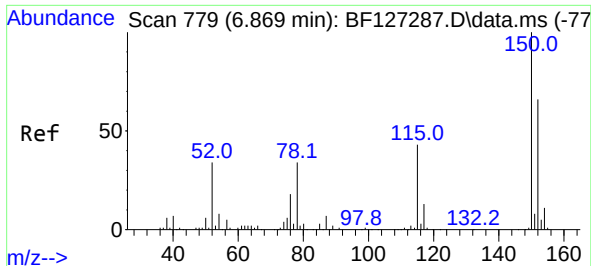
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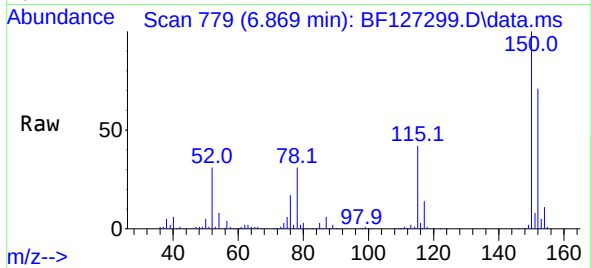
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	19497m	4.295	ng	
46) 1,1'-Biphenyl	9.327	154	87119	5.392	ng	98
47) 2-Chloronaphthalene	9.351	162	62988	5.008	ng	98
48) 2-Nitroaniline	9.451	65	22042	4.555	ng	89
49) Acenaphthylene	9.769	152	103950	5.400	ng	97
50) Dimethylphthalate	9.622	163	72207	4.707	ng	# 97
51) 2,6-Dinitrotoluene	9.692	165	15125	4.874	ng	94
52) Acenaphthene	9.939	154	58548	5.103	ng	96
53) 3-Nitroaniline	9.863	138	16008	4.734	ng	86
54) 2,4-Dinitrophenol	9.986	184	2608m	1.706	ng	
55) Dibenzofuran	10.116	168	91137	5.113	ng	96
56) 4-Nitrophenol	10.039	139	7163	3.485	ng	# 76
57) 2,4-Dinitrotoluene	10.098	165	20227	4.954	ng	# 95
58) Fluorene	10.457	166	71327	5.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16966	4.497	ng	# 74
60) Diethylphthalate	10.321	149	69059	4.935	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	37534	5.011	ng	# 82
62) 4-Nitroaniline	10.474	138	15779	4.683	ng	82
63) Azobenzene	10.610	77	77048	4.790	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	6640	2.752	ng	84
66) n-Nitrosodiphenylamine	10.569	169	60283	4.961	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	22075	4.680	ng	95
68) Hexachlorobenzene	11.004	284	23874	4.645	ng	# 90
69) Atrazine	11.092	200	21516	5.131	ng	92
70) Pentachlorophenol	11.210	266	4320	2.082	ng	# 88
71) Phenanthrene	11.421	178	104289	5.049	ng	99
72) Anthracene	11.474	178	105921	5.178	ng	99
73) Carbazole	11.633	167	93394	4.848	ng	98
74) Di-n-butylphthalate	11.957	149	108527	4.817	ng	99
75) Fluoranthene	12.615	202	116067	5.026	ng	93
77) Benzidine	12.739	184	54838	6.796	ng	95
78) Pyrene	12.845	202	117301	4.746	ng	98
80) Butylbenzylphthalate	13.457	149	40637	4.272	ng	# 97
81) Benzo(a)anthracene	14.039	228	102998	4.821	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	32517	4.895	ng	# 95
83) Chrysene	14.074	228	97141	4.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	60675	4.738	ng	# 96
85) Di-n-octyl phthalate	14.627	149	91253	4.708	ng	95
87) Indeno(1,2,3-cd)pyrene	17.039	276	52892	3.997	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	79226	5.494	ng	# 90
89) Benzo(k)fluoranthene	15.127	252	78420	5.784	ng	# 94
90) Benzo(a)pyrene	15.468	252	62742	5.525	ng	# 91
91) Dibenzo(a,h)anthracene	17.050	278	45964	4.173	ng	# 92
92) Benzo(g,h,i)perylene	17.492	276	43220	4.023	ng	# 80

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

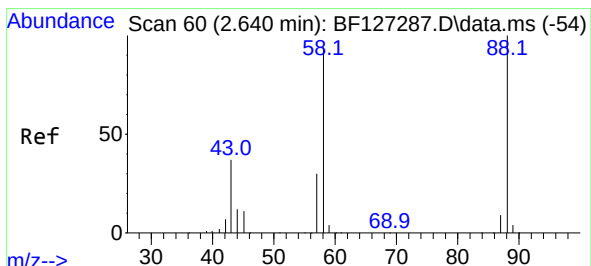
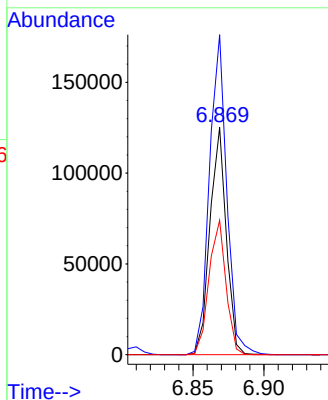
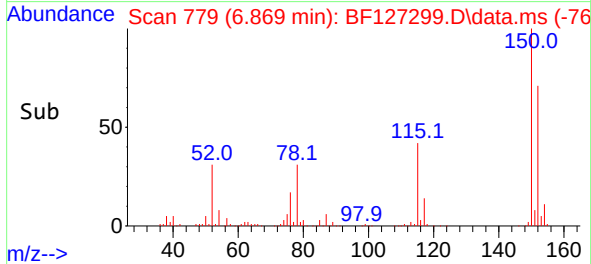
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



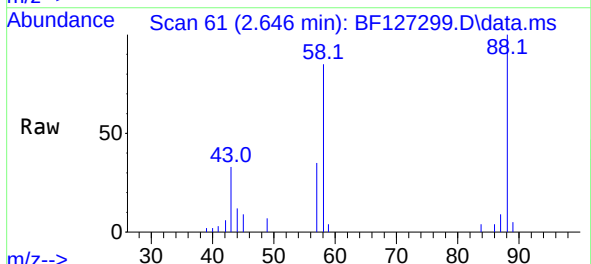
Tgt Ion:152 Resp: 100649
Ion Ratio Lower Upper
152 100
150 140.7 128.1 192.1
115 59.1 56.7 85.1

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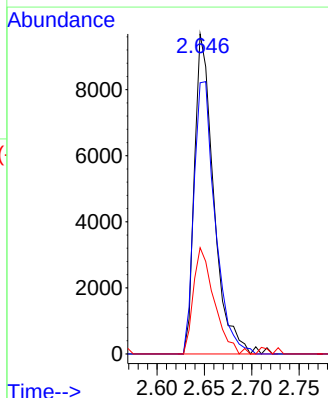
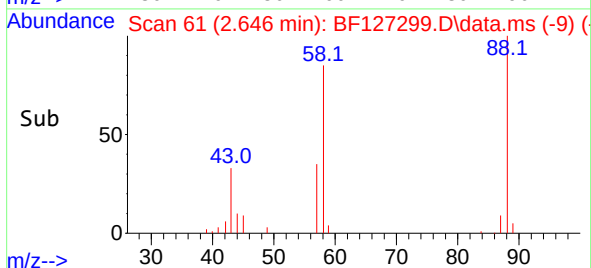
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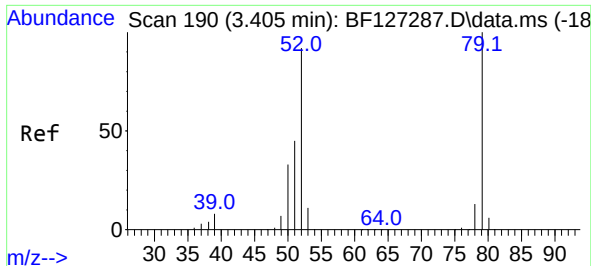


#2
1,4-Dioxane
Concen: 4.230 ng
RT: 2.646 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion: 88 Resp: 13732
Ion Ratio Lower Upper
88 100
58 93.0 62.8 94.2
43 35.7 22.3 33.5#





#3

Pyridine

Concen: 3.712 ng

RT: 3.475 min Scan# 20

Delta R.T. 0.070 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

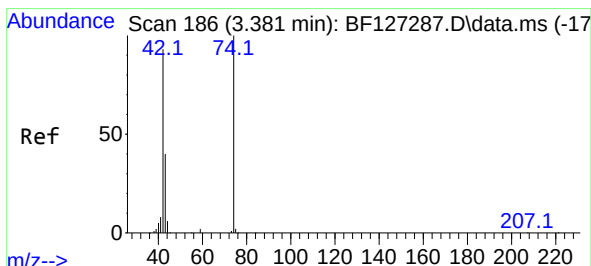
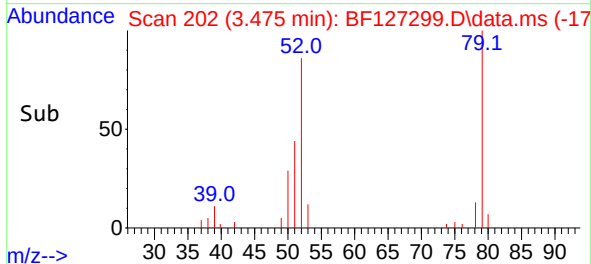
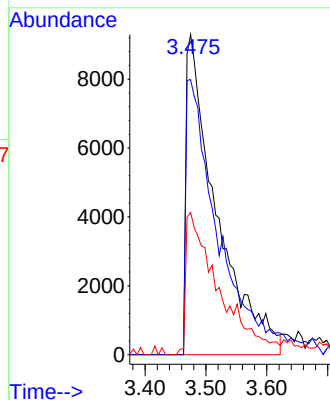
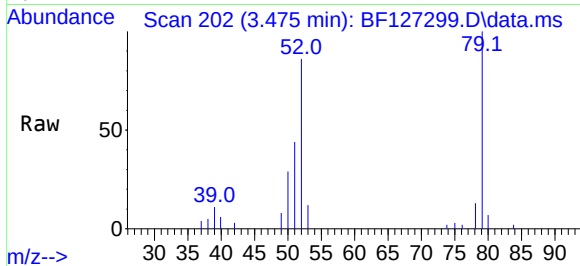
Tgt Ion: 79	Resp: 3206
Ion Ratio	Lower Upper
79 100	
52 85.9	56.2 84.4
51 44.5	26.7 40.1

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#4

n-Nitrosodimethylamine

Concen: 4.105 ng

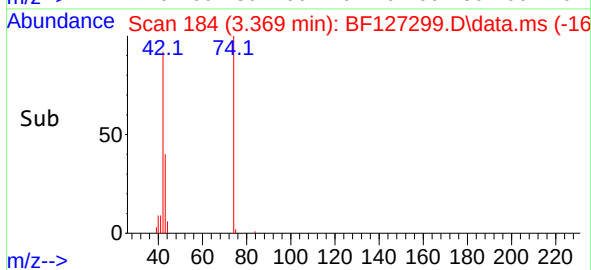
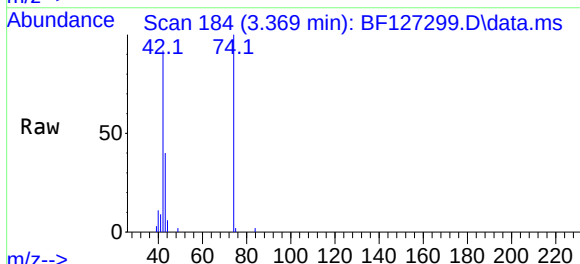
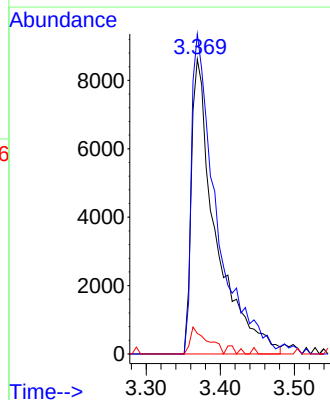
RT: 3.369 min Scan# 184

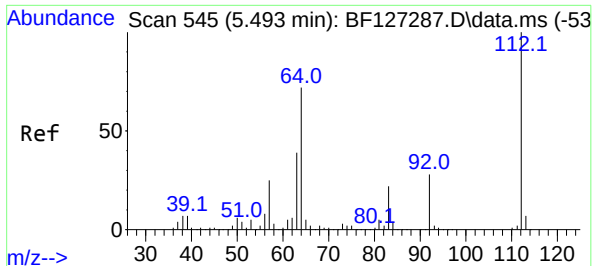
Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

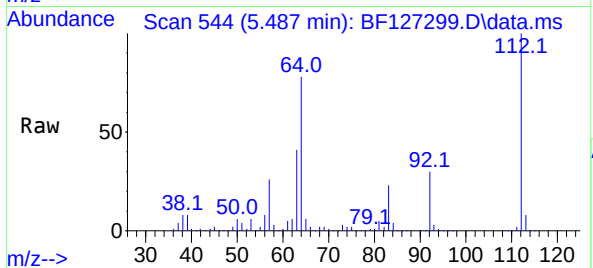
Tgt Ion: 42	Resp: 19645
Ion Ratio	Lower Upper
42 100	
74 108.6	125.6 188.4
44 7.0	5.7 8.5





#5
2-Fluorophenol
Concen: 94.967 ng
RT: 5.487 min Scan# 54
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

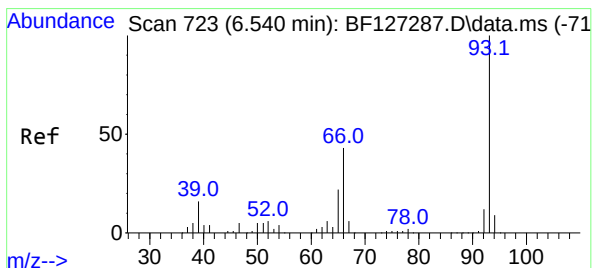
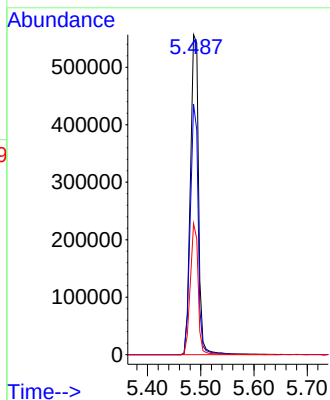
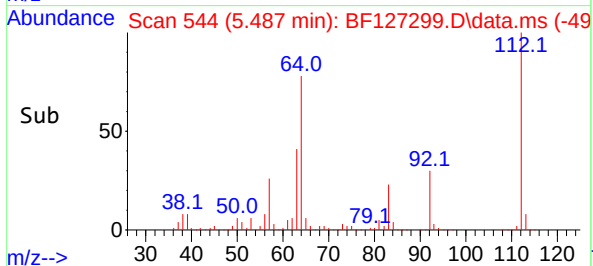
Instrument :
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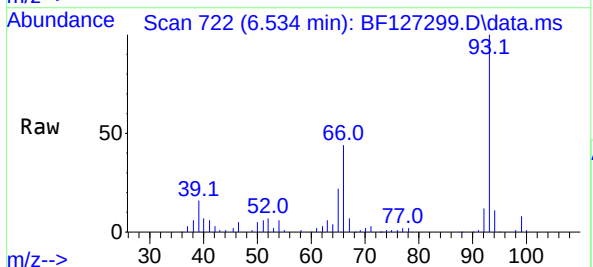
Tgt Ion:112 Resp: 59456
Ion Ratio Lower Upper
112 100
64 78.3 49.5 74.3
63 41.0 23.9 35.9

Manual Integrations
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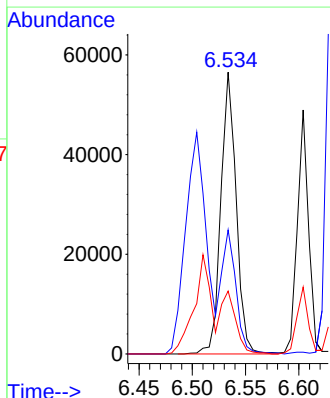
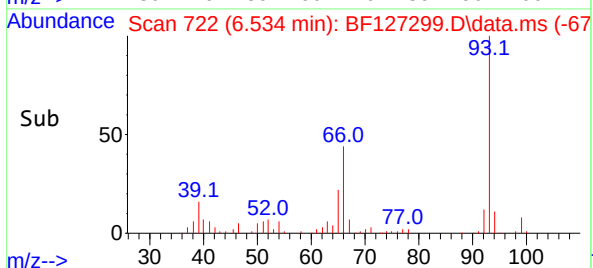
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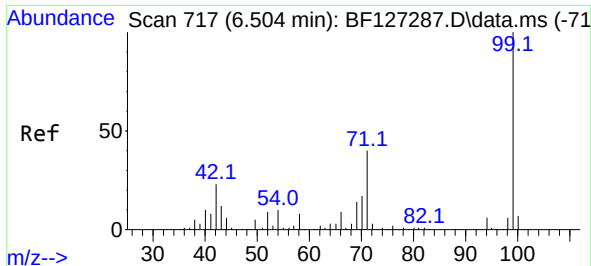


#6
Aniline
Concen: 5.481 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



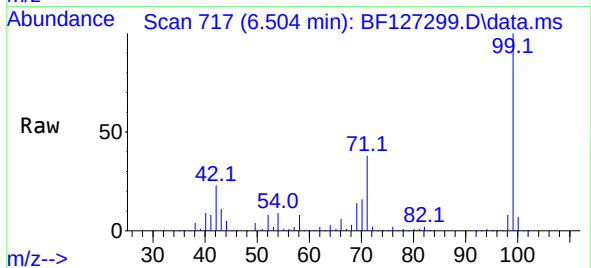
Tgt Ion: 93 Resp: 56417
Ion Ratio Lower Upper
93 100
66 44.0 32.2 48.4
65 22.3 16.3 24.5





#7
Phenol-d6
Concen: 94.231 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

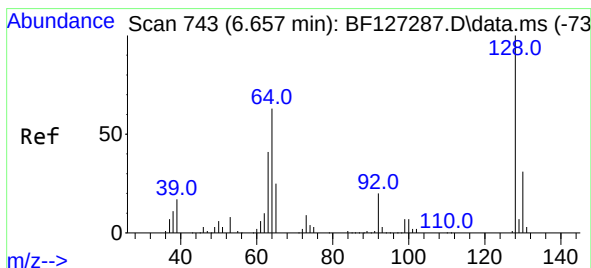
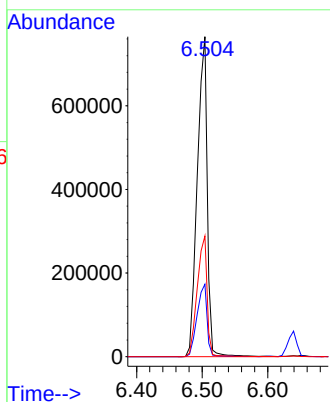
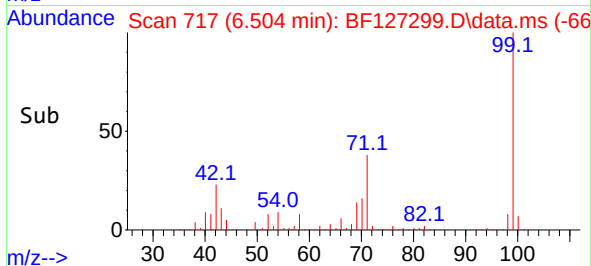
Instrument :
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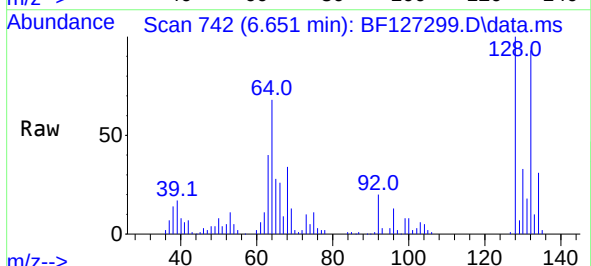
Tgt Ion: 99 Resp: 811574
Ion Ratio Lower Upper
99 100
42 22.7 14.2 21.4
71 37.7 24.3 36.5

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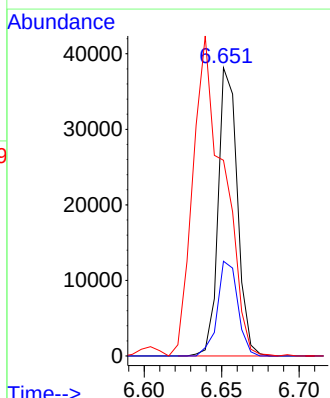
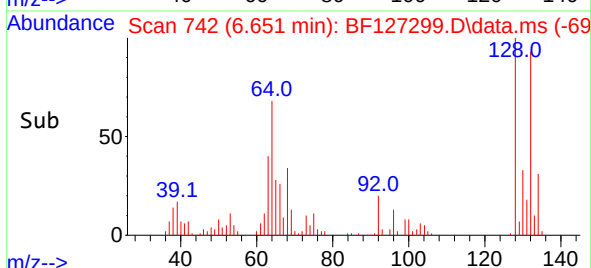
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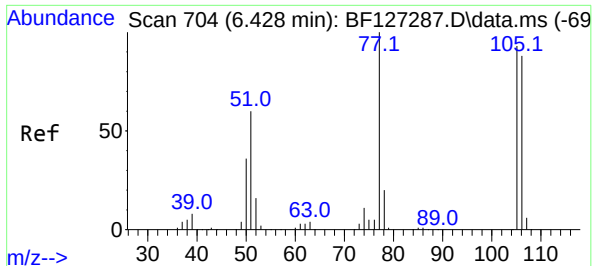


#8
2-Chlorophenol
Concen: 5.065 ng
RT: 6.651 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



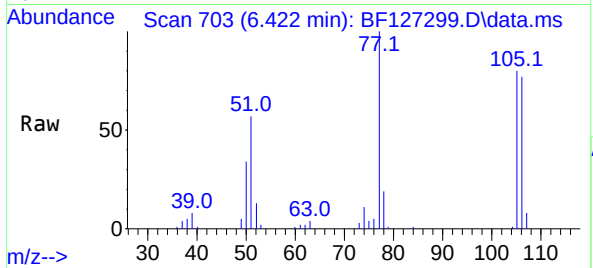
Tgt Ion:128 Resp: 32802
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 67.9 35.6 75.6





#9
Benzaldehyde
Concen: 6.453 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

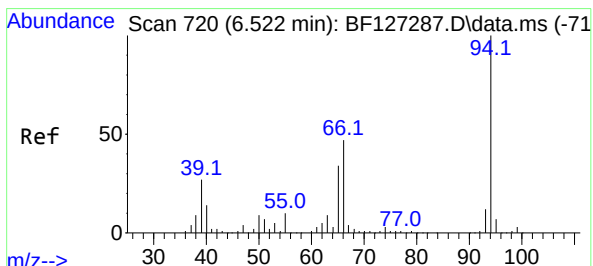
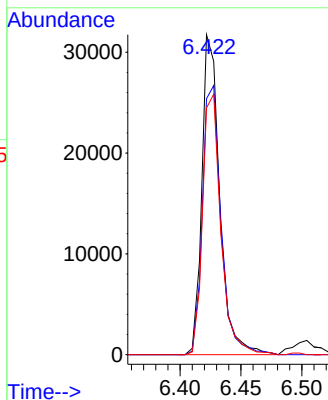
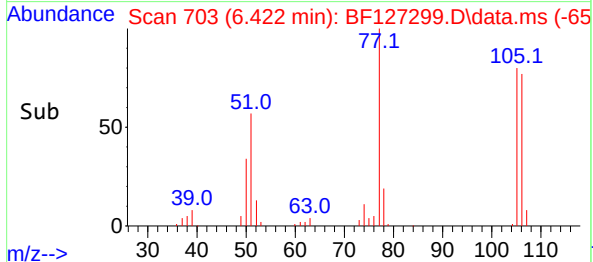
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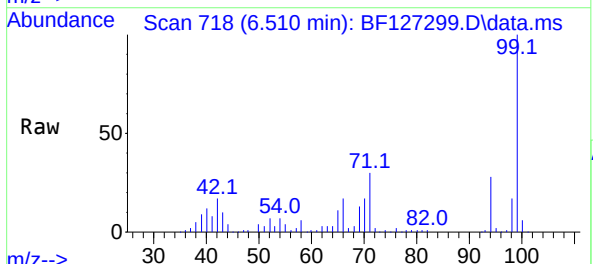
Tgt Ion: 77 Resp: 32399
Ion Ratio Lower Upper
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105 80.0 74.9 114.9
106 77.1 72.4 112.4

Manual Integrations
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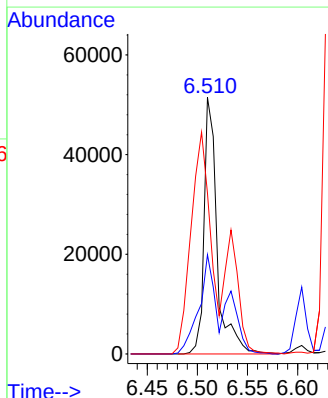
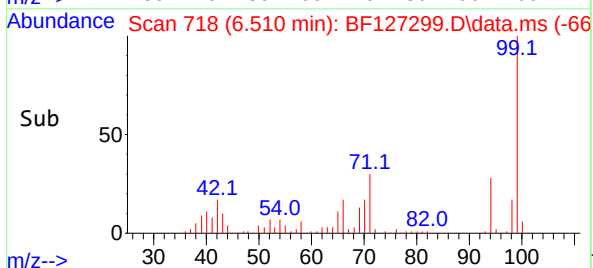
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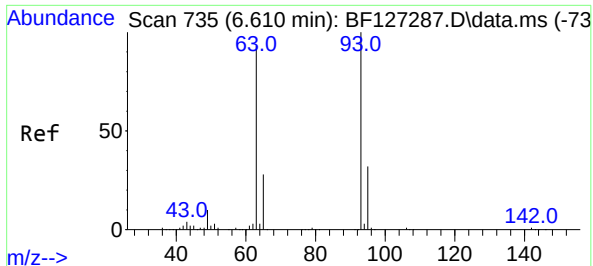


#10
Phenol
Concen: 4.978 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion: 94 Resp: 47101
Ion Ratio Lower Upper
94 100
65 38.7 7.2 47.2
66 62.6 14.5 54.5#





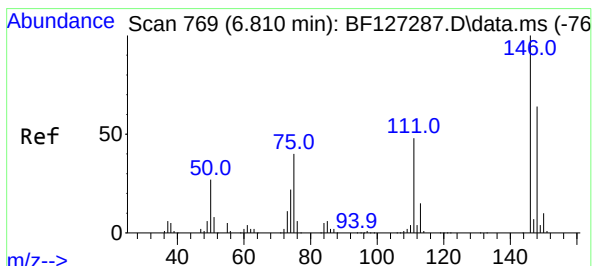
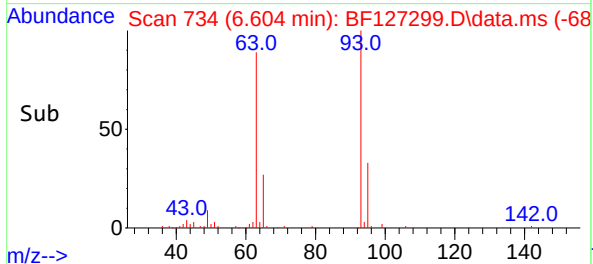
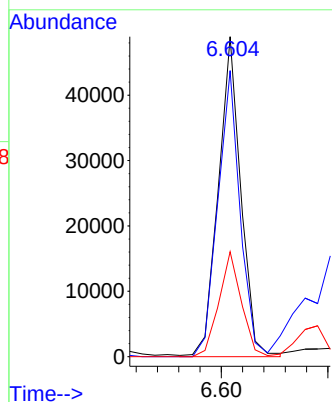
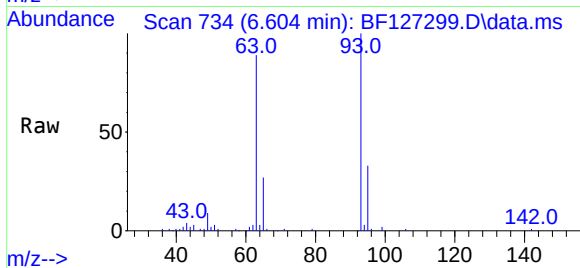
#11
bis(2-Chloroethyl)ether
Concen: 5.098 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

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

Tgt Ion: 93 Resp: 3582
Ion Ratio Lower Upper
93 100
63 89.4 60.5 100.5
95 32.8 12.9 52.9

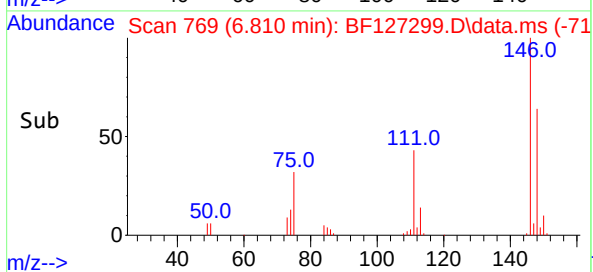
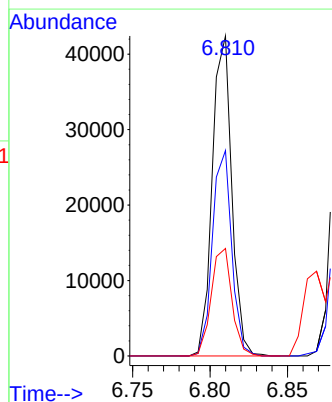
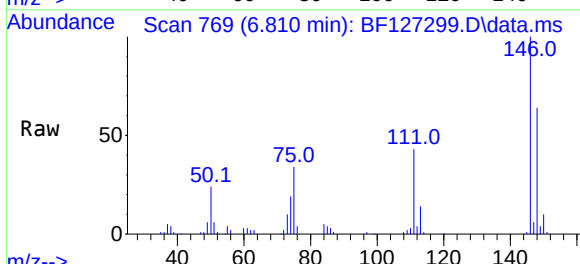
Manual Integrations
APPROVED

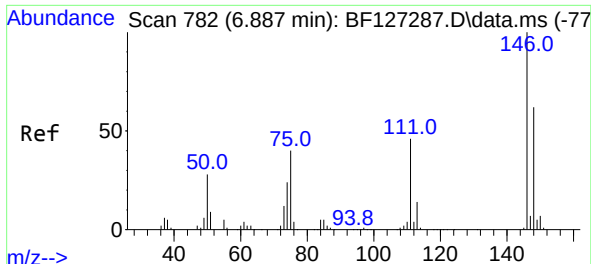
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#12
1,3-Dichlorobenzene
Concen: 5.091 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

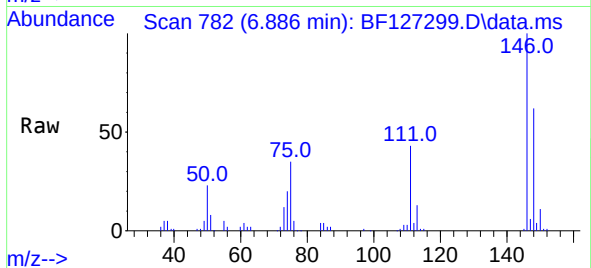
Tgt Ion:146 Resp: 37013
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 33.6 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 5.102 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

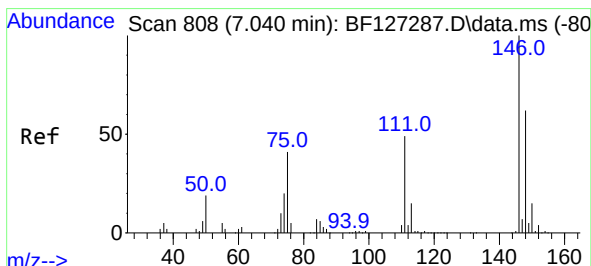
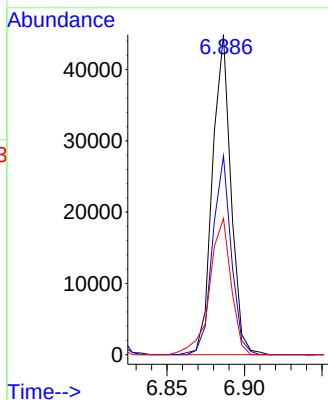
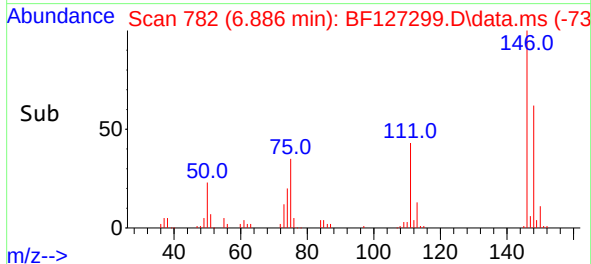
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



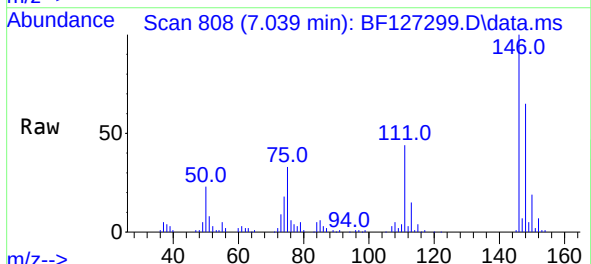
Tgt Ion:146 Resp: 37209
Ion Ratio Lower Upper
146 100
148 62.1 49.8 74.6
111 42.6 36.1 54.1

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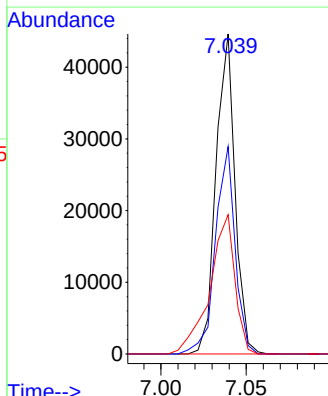
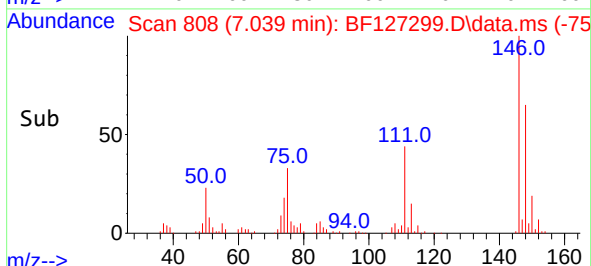
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

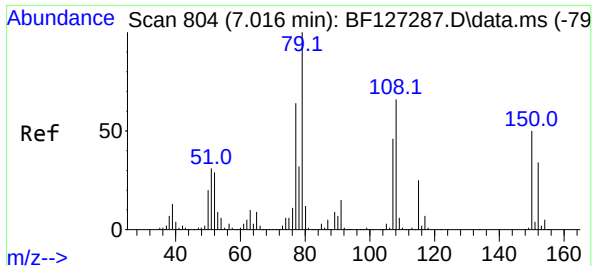


#14
1,2-Dichlorobenzene
Concen: 5.026 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



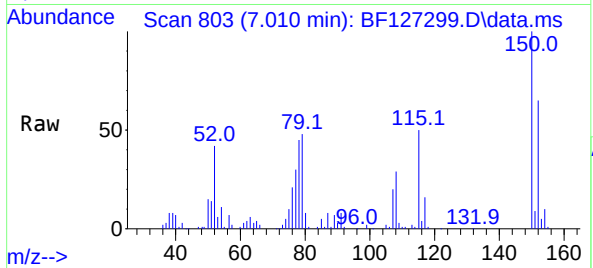
Tgt Ion:146 Resp: 34500
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 43.5 40.2 60.2





#15
Benzyl Alcohol
Concen: 5.371 ng
RT: 7.010 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

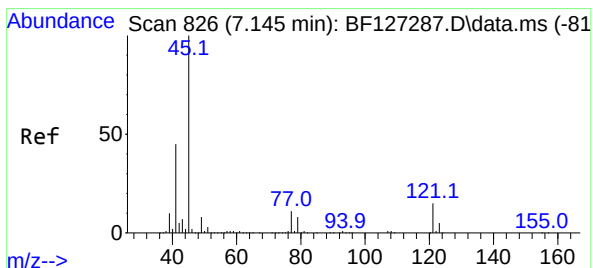
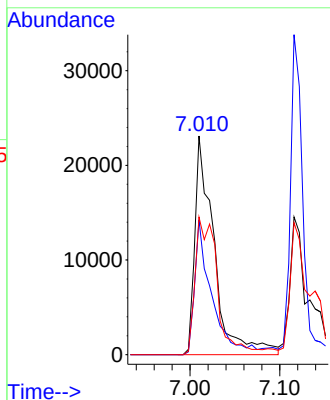
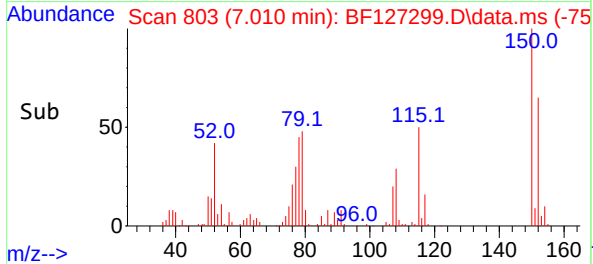
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



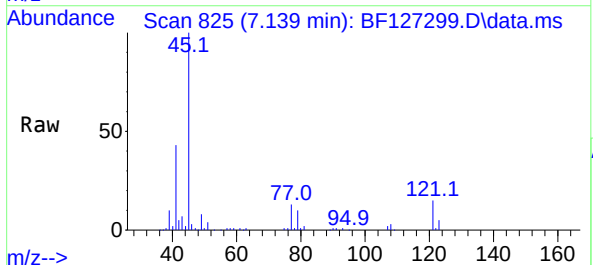
Tgt Ion: 79 Resp: 3467
Ion Ratio Lower Upper
79 100
108 61.7 63.2 94.8
77 62.9 49.4 74.2

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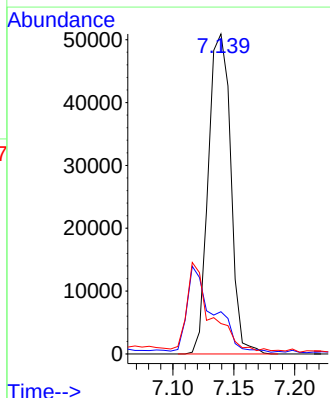
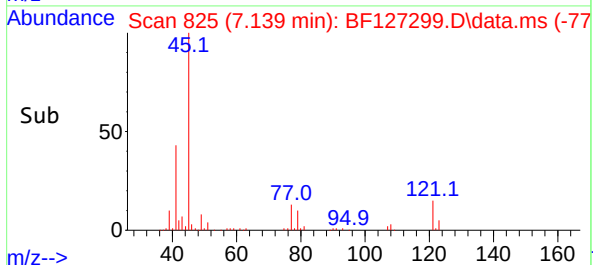
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

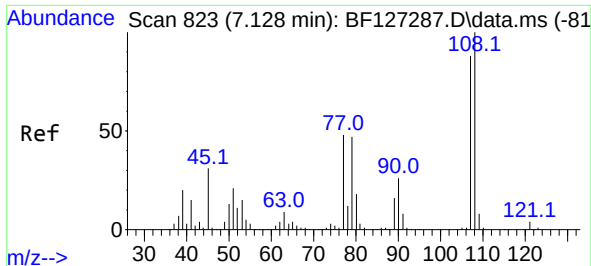


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.937 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



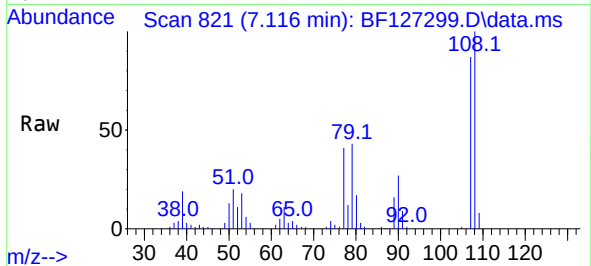
Tgt Ion: 45 Resp: 65088
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.4
79 9.5 0.0 29.8





#17
2-Methylphenol
Concen: 4.938 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

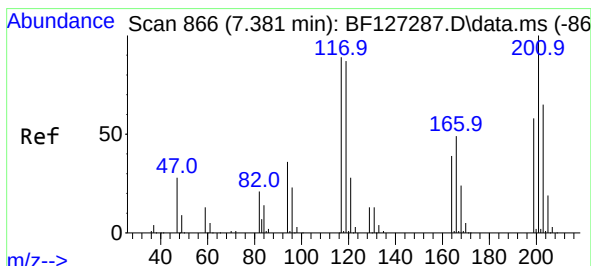
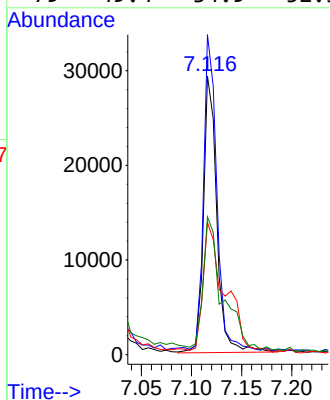
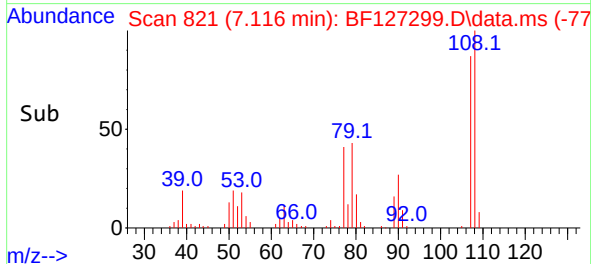
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:107 Resp: 2719
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 47.4 36.1 54.1
79 49.4 34.9 52.3

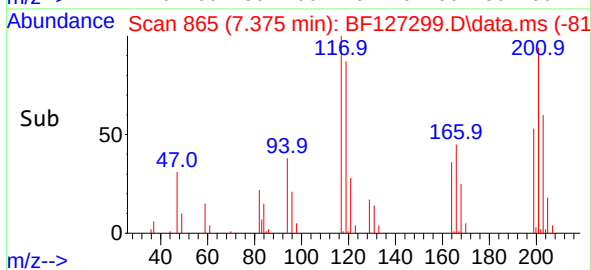
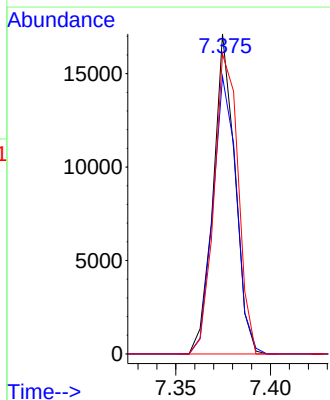
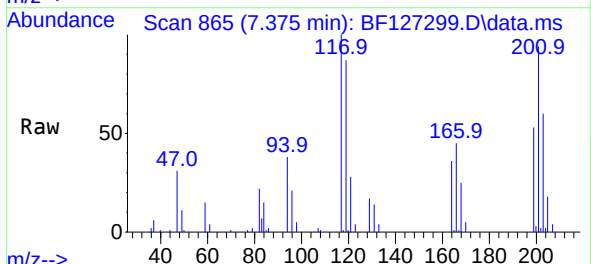
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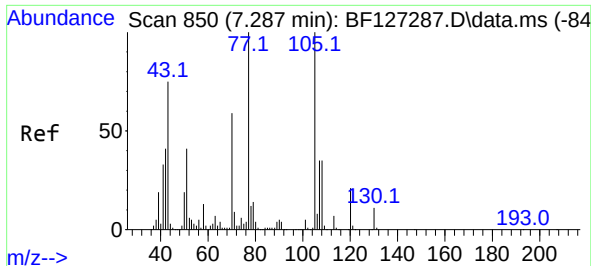
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#18
Hexachloroethane
Concen: 4.883 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

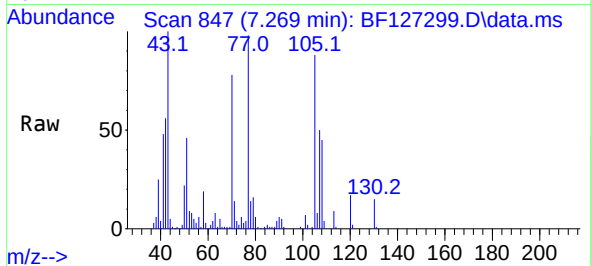
Tgt Ion:117 Resp: 13681
Ion Ratio Lower Upper
117 100
119 86.6 75.4 113.0
201 93.7 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 5.007 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.018 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

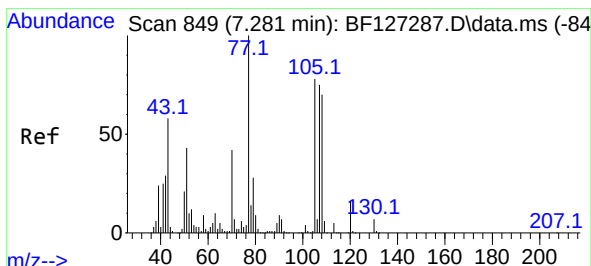
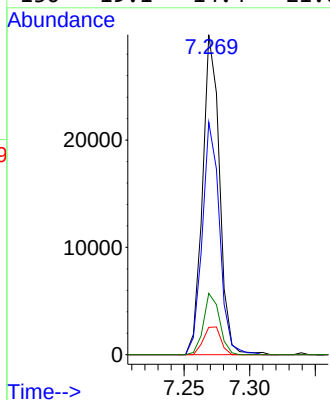
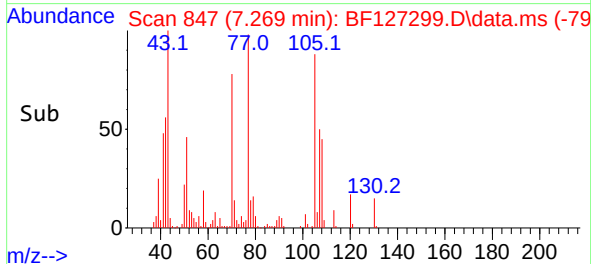
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



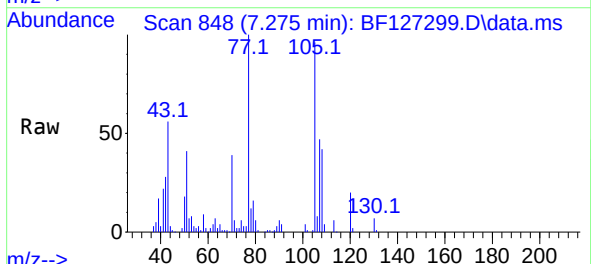
Tgt Ion: 70 Resp: 26908
Ion Ratio Lower Upper
70 100
42 72.6 45.8 68.8
101 8.5 6.9 10.3
130 19.1 14.4 21.6

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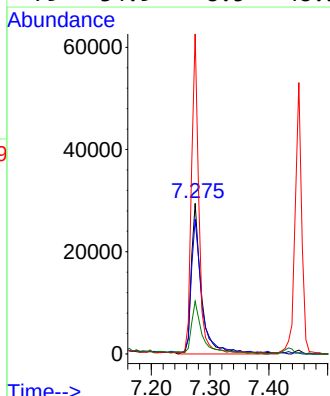
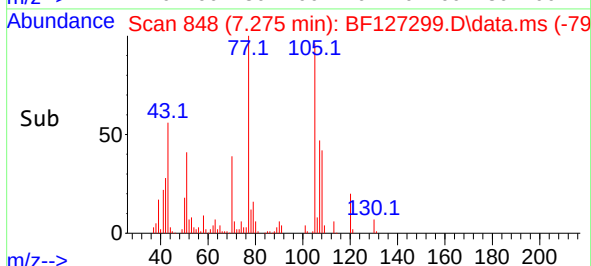
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

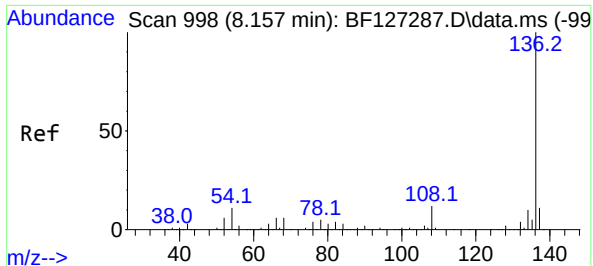


#20
3+4-Methylphenols
Concen: 5.043 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



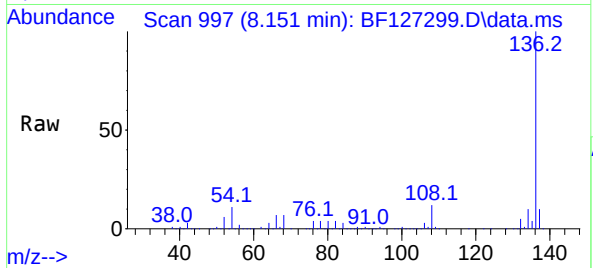
Tgt Ion:107 Resp: 36008
Ion Ratio Lower Upper
107 100
108 89.5 72.4 112.4
77 212.5 83.8 123.8
79 34.9 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

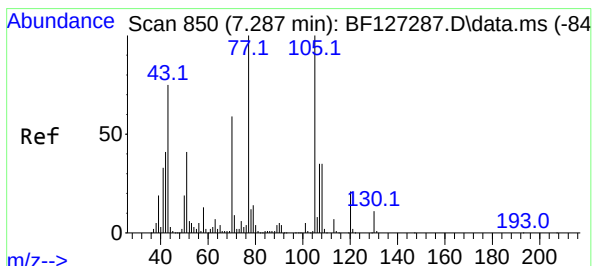
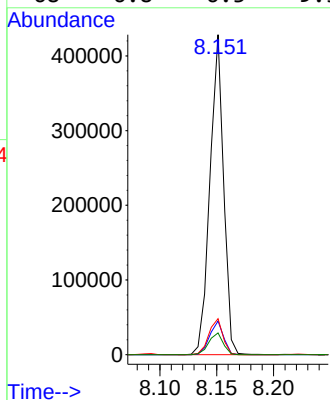
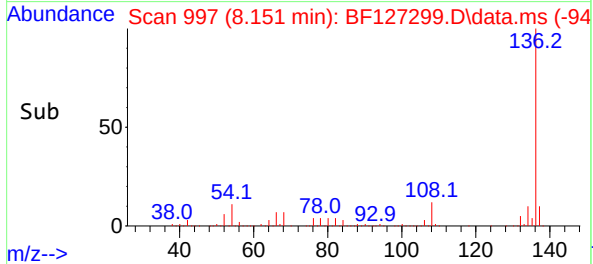
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



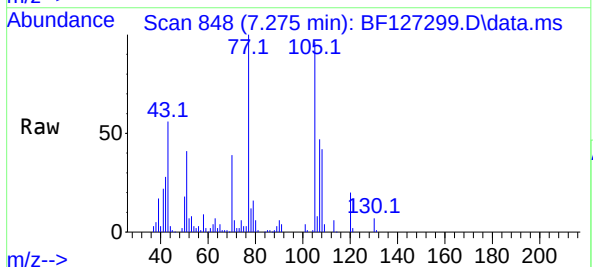
Tgt Ion:136 Resp: 357962
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.2 7.8 11.6
68 6.8 6.3 9.5

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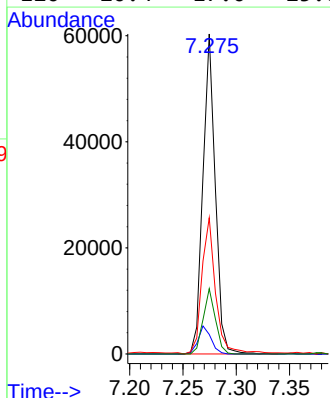
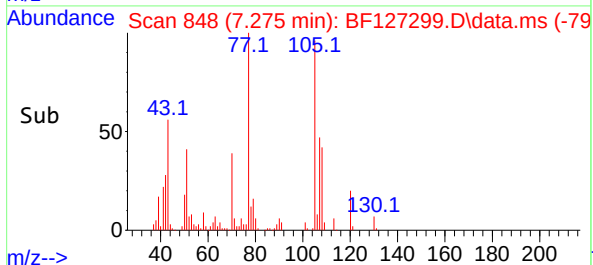
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

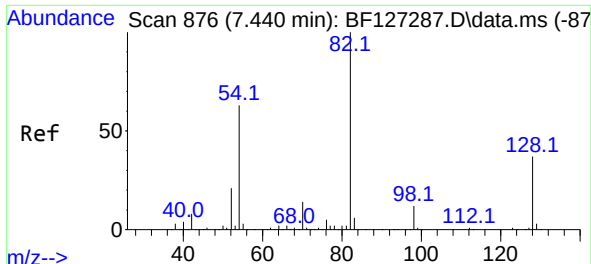


#22
Acetophenone
Concen: 4.978 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



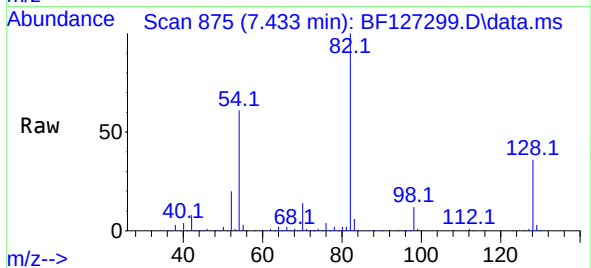
Tgt Ion:105 Resp: 48787
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.0
51 42.5 27.4 41.0#
120 20.4 17.0 25.6





#23
Nitrobenzene-d5
Concen: 66.906 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

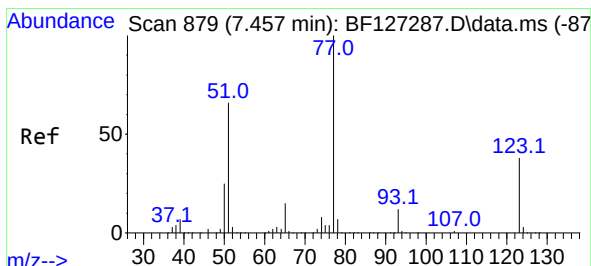
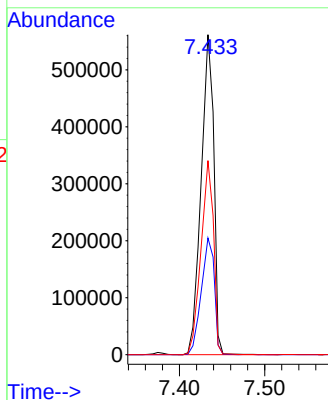
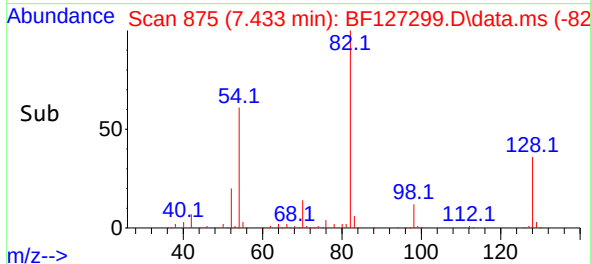
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



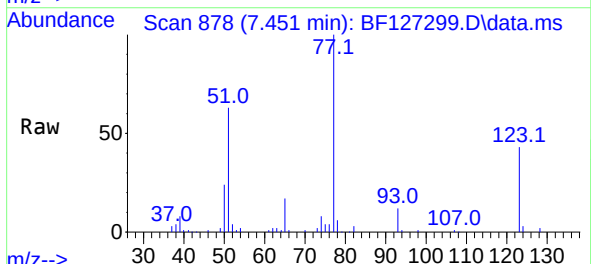
Tgt Ion: 82 Resp: 57992
Ion Ratio Lower Upper
82 100
128 36.4 32.7 49.1
54 60.6 41.7 62.5

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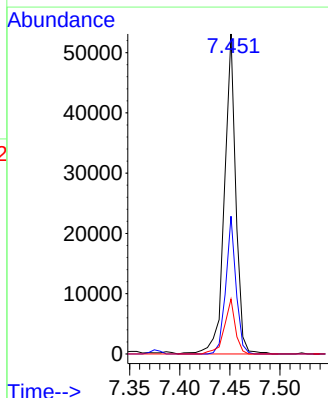
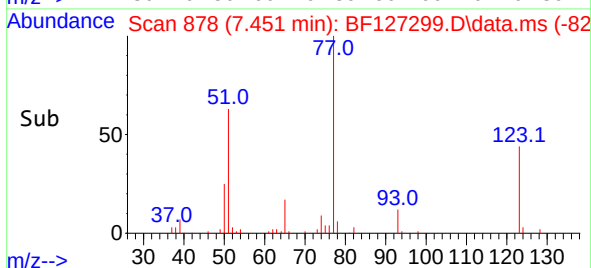
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

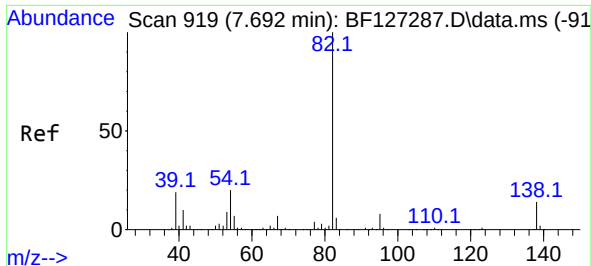


#24
Nitrobenzene
Concen: 5.097 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion: 77 Resp: 41784
Ion Ratio Lower Upper
77 100
123 43.1 34.6 52.0
65 17.2 10.6 15.8#





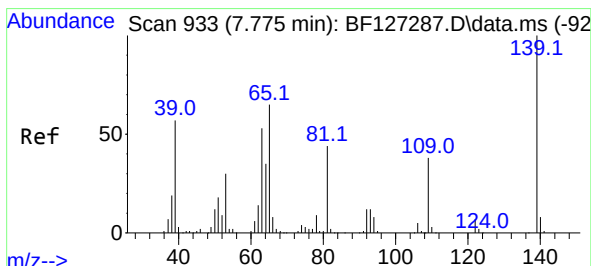
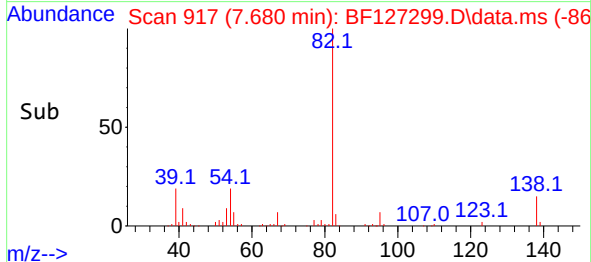
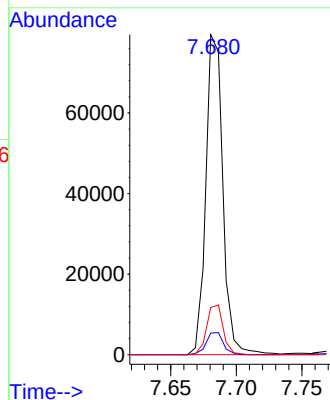
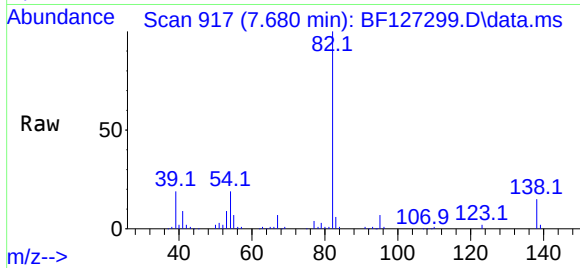
#25
Isophorone
Concen: 5.169 ng
RT: 7.680 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

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

Tgt Ion: 82 Resp: 72048
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.4
138 14.7 12.3 18.5

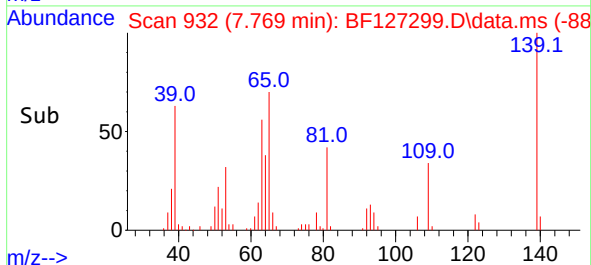
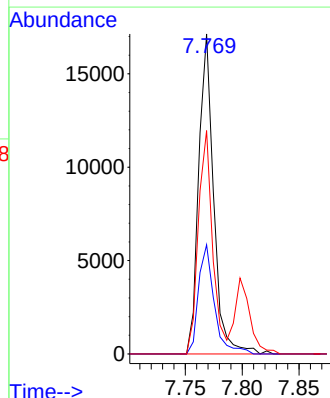
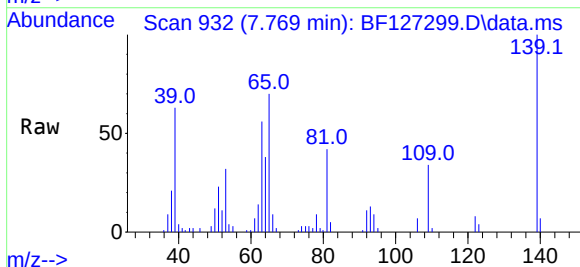
Manual Integrations
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Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

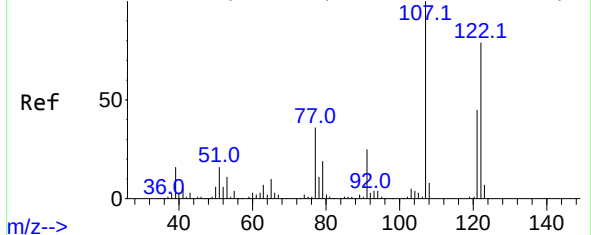


#26
2-Nitrophenol
Concen: 4.636 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

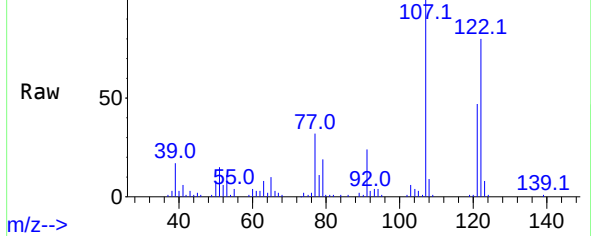
Tgt Ion:139 Resp: 15741
Ion Ratio Lower Upper
139 100
109 34.1 20.0 30.0#
65 69.8 40.8 61.2#



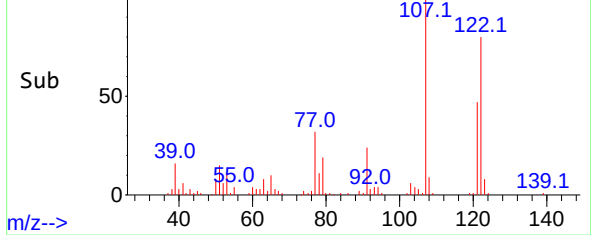
Abundance Scan 938 (7.804 min): BF127287.D\data.ms (-93



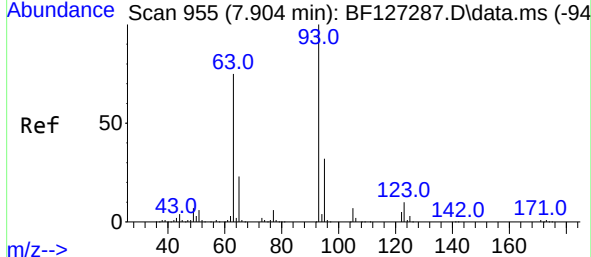
m/z--> Abundance Scan 937 (7.798 min): BF127299.D\data.ms



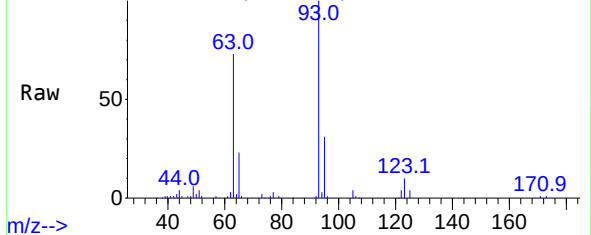
m/z--> Abundance Scan 937 (7.798 min): BF127299.D\data.ms (-88



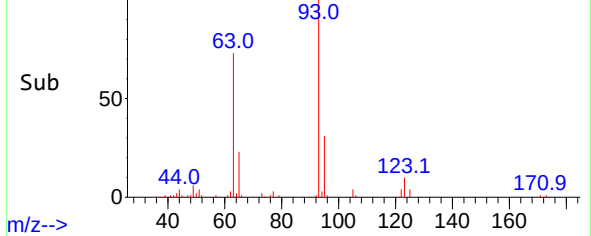
m/z--> Abundance Scan 955 (7.904 min): BF127287.D\data.ms (-94



m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms



m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90



m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90



m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

m/z--> Abundance Scan 954 (7.898 min): BF127299.D\data.ms (-90

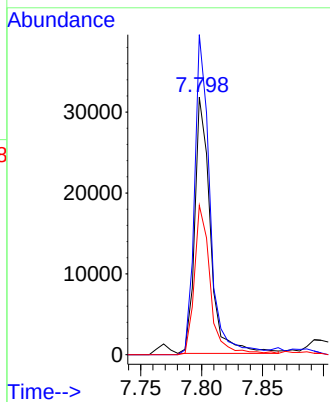
#27
2,4-Dimethylphenol
Concen: 5.567 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:122	Resp:	2837
Ion Ratio	Lower	Upper
122	100	
107	124.3	91.2 136.8
121	58.0	44.4 66.6

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

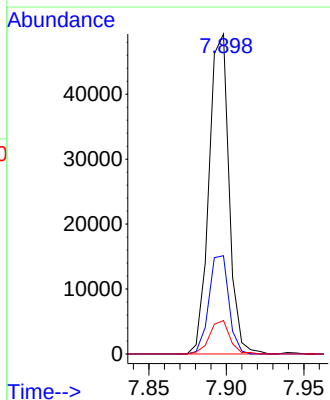
Manual Integrations
APPROVED

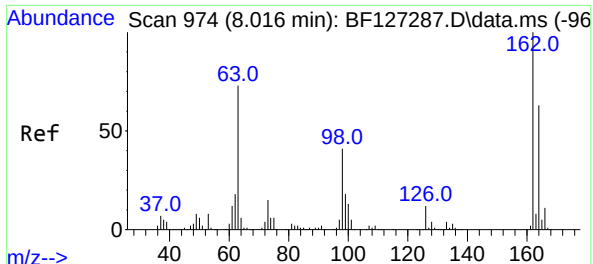
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 5.016 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

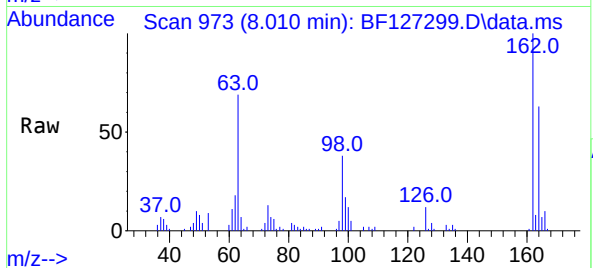
Tgt Ion: 93	Resp:	44295
Ion Ratio	Lower	Upper
93	100	
95	30.7	25.4 38.2
123	10.4	8.9 13.3





#29
2,4-Dichlorophenol
Concen: 4.886 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

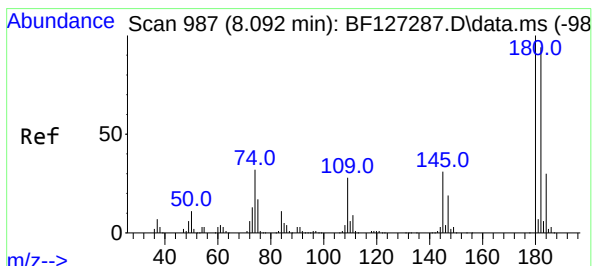
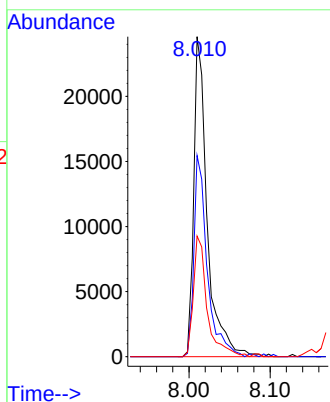
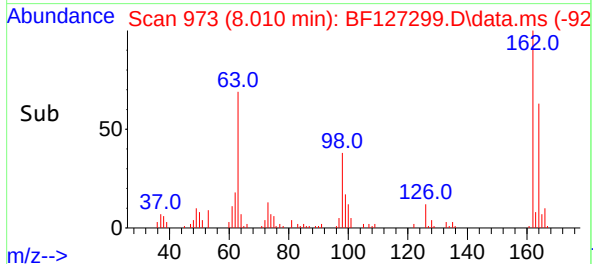
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



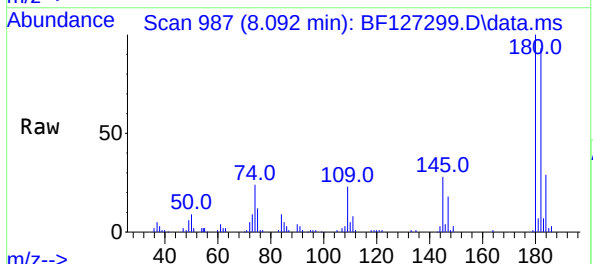
Tgt Ion:162 Resp: 28519
Ion Ratio Lower Upper
162 100
164 62.8 43.8 83.8
98 37.7 23.6 63.6

Manual Integrations
APPROVED

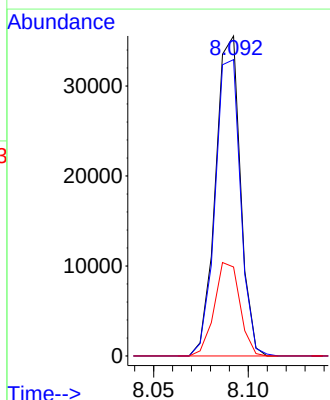
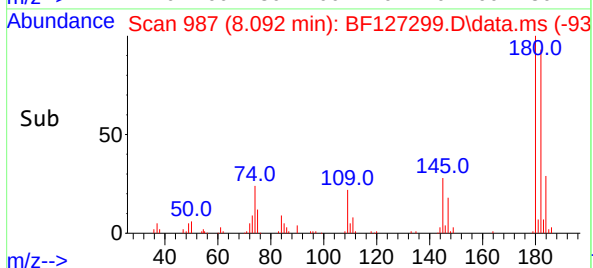
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

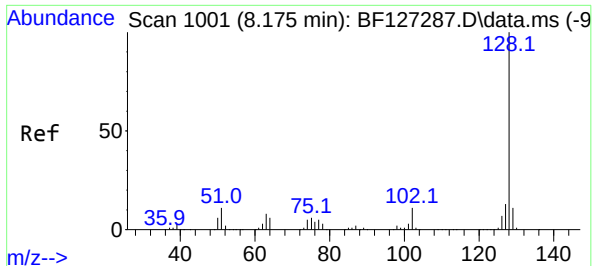


#30
1,2,4-Trichlorobenzene
Concen: 4.876 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



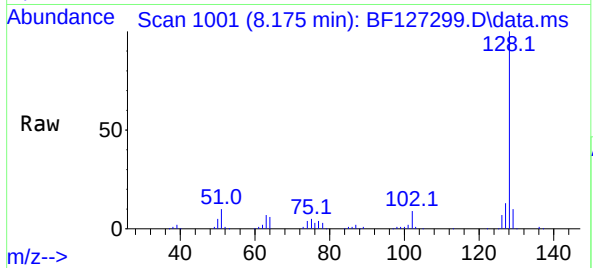
Tgt Ion:180 Resp: 32448
Ion Ratio Lower Upper
180 100
182 92.6 75.5 113.3
145 27.8 26.2 39.2





#31
Naphthalene
Concen: 5.258 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

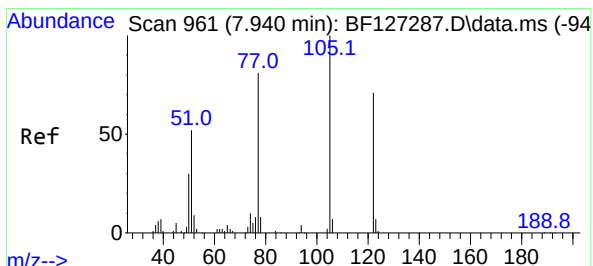
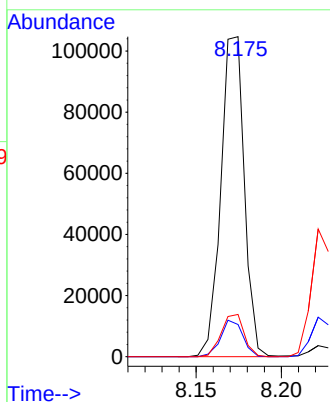
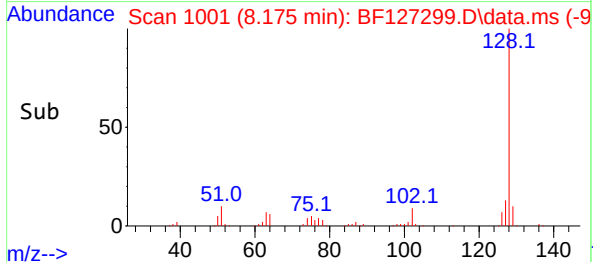
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:128 Resp: 100398
Ion Ratio Lower Upper
128 100
129 10.0 8.6 13.0
127 13.2 10.3 15.5

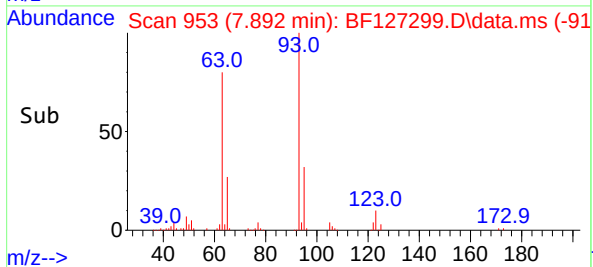
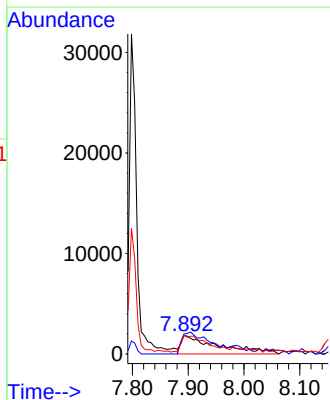
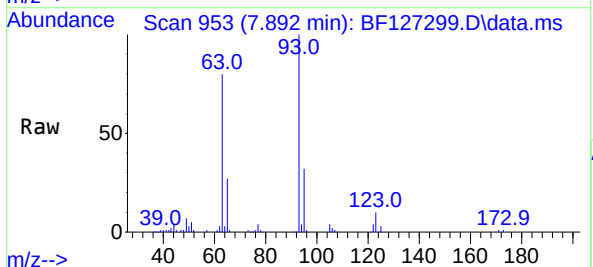
Manual Integrations
APPROVED

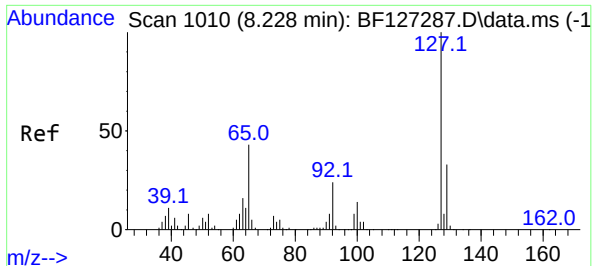
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#32
Benzoic acid
Concen: 2.671 ng m
RT: 7.892 min Scan# 953
Delta R.T. -0.048 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:122 Resp: 8446
Ion Ratio Lower Upper
122 100
105 108.2 101.0 141.0
77 100.4 74.5 114.5





#33

4-Chloroaniline

Concen: 5.356 ng

RT: 8.222 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

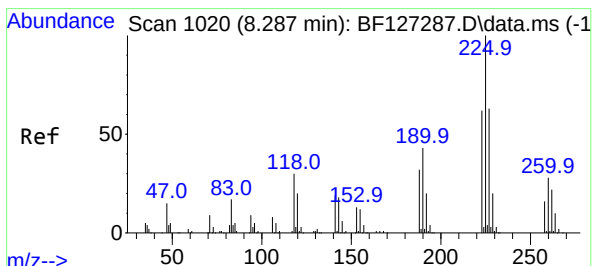
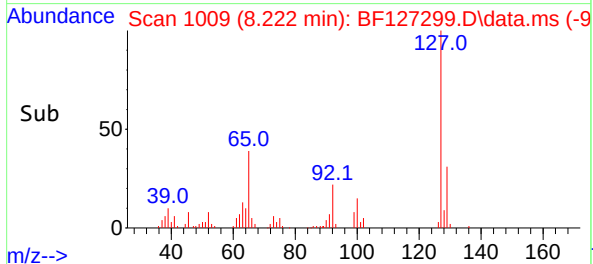
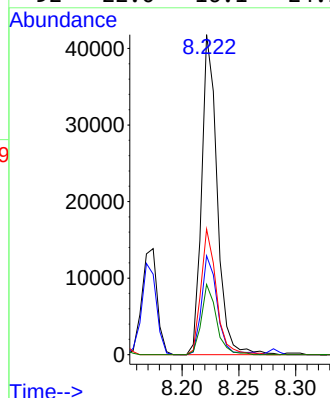
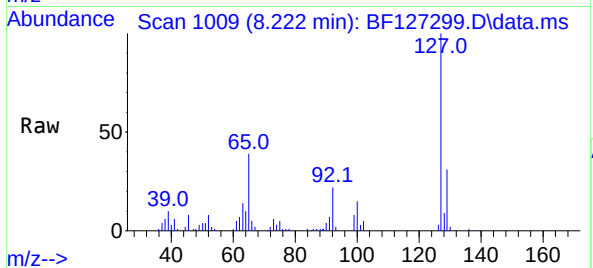
Tgt Ion:127	Resp:	39639
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.5 39.7
65	39.3	26.6 39.8
92	22.0	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#34

Hexachlorobutadiene

Concen: 4.727 ng

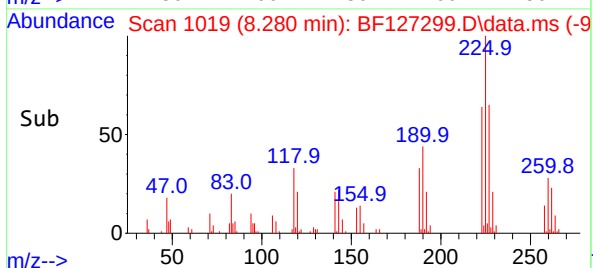
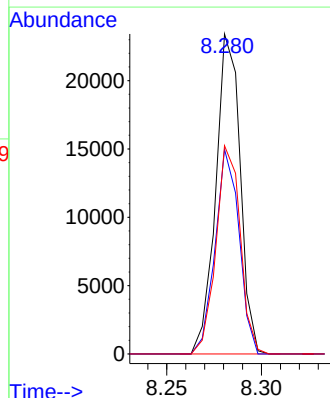
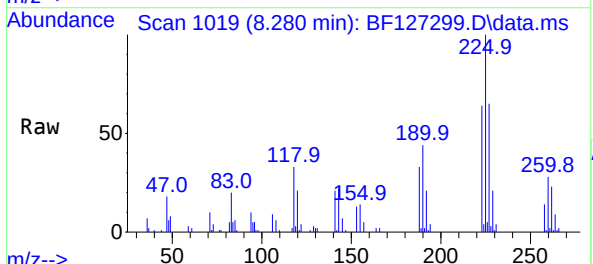
RT: 8.280 min Scan# 1019

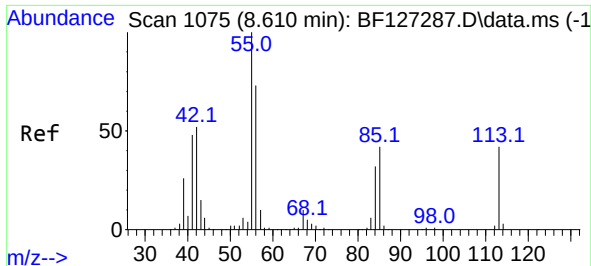
Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

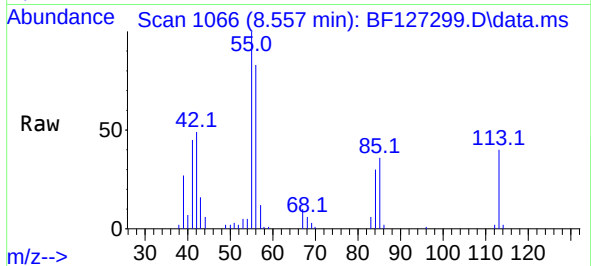
Tgt Ion:225	Resp:	20974
Ion Ratio	Lower	Upper
225	100	
223	63.9	48.6 73.0
227	65.1	51.4 77.0





#35
Caprolactam
Concen: 4.702 ng
RT: 8.557 min Scan# 1066
Delta R.T. -0.053 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

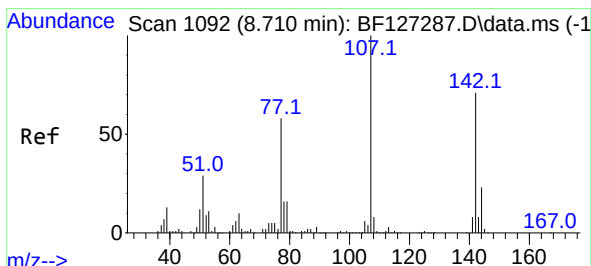
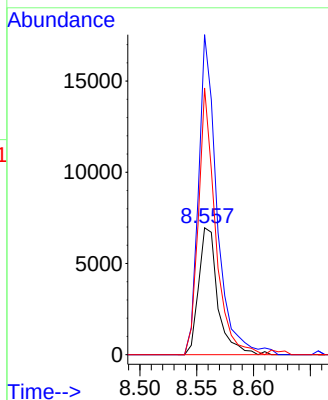
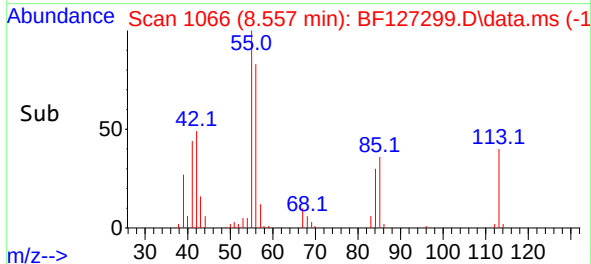
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



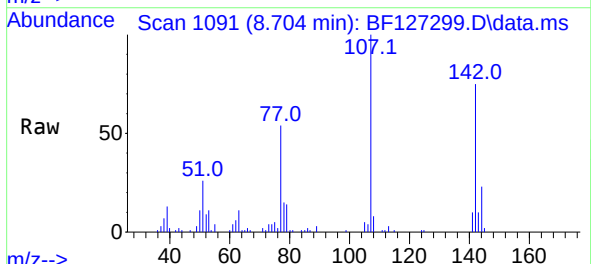
Tgt Ion:113 Resp: 8198
Ion Ratio Lower Upper
113 100
55 252.1 183.9 223.9
56 210.2 129.9 169.9

Manual Integrations
APPROVED

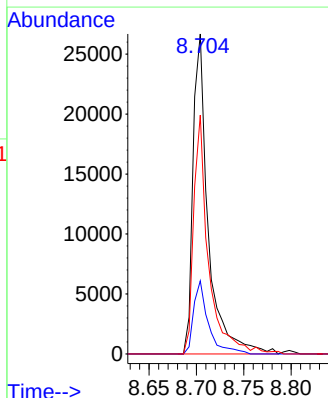
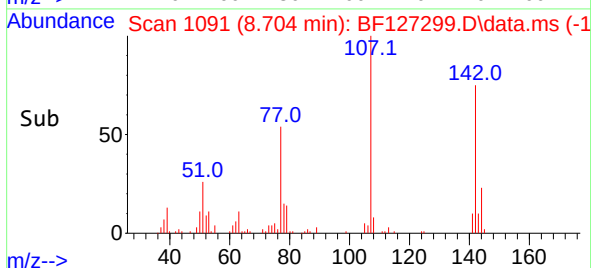
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

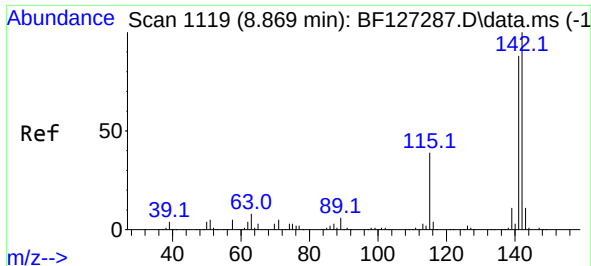


#36
4-Chloro-3-methylphenol
Concen: 4.724 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion:107 Resp: 29885
Ion Ratio Lower Upper
107 100
144 22.9 18.5 27.7
142 74.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 5.204 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:142 Resp: 6493

Ion Ratio Lower Upper

142 100

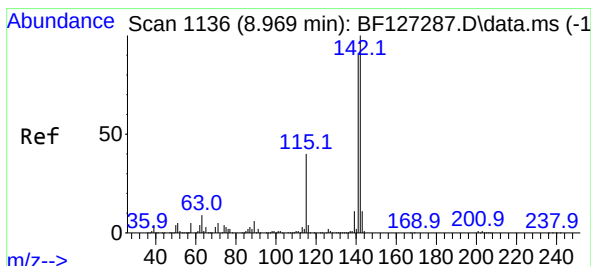
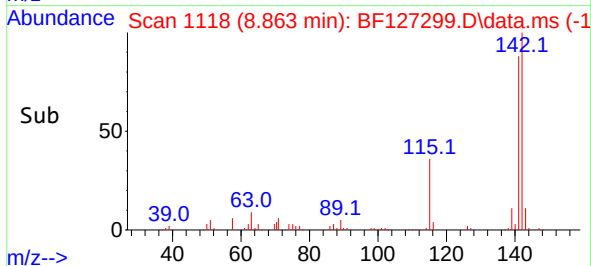
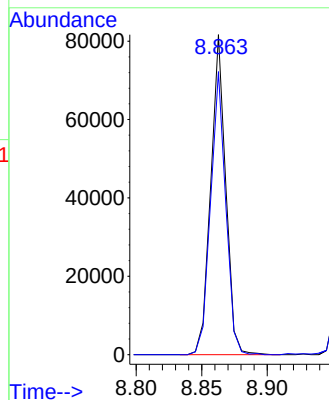
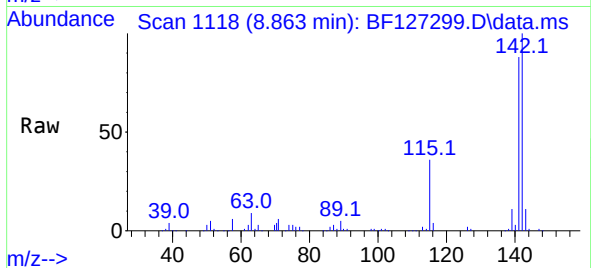
141 88.4 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#38

1-Methylnaphthalene

Concen: 5.280 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127299.D

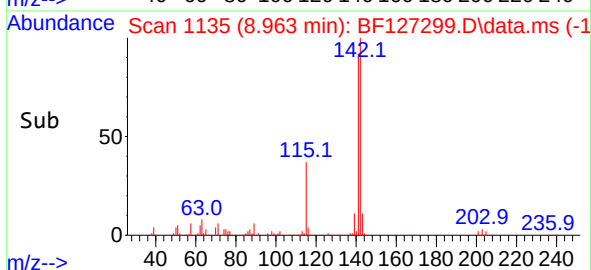
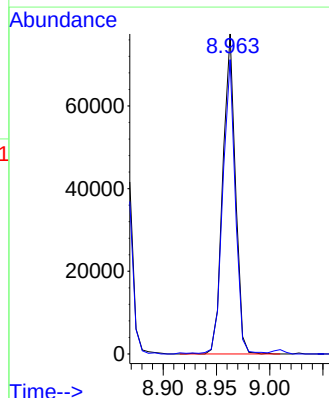
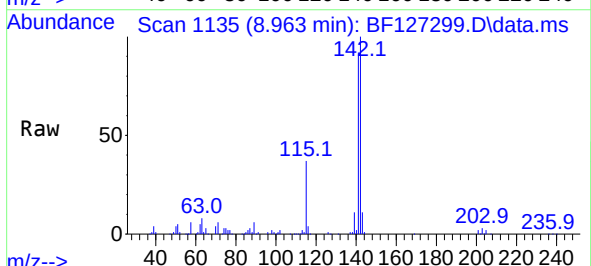
Acq: 11 Mar 2022 13:02

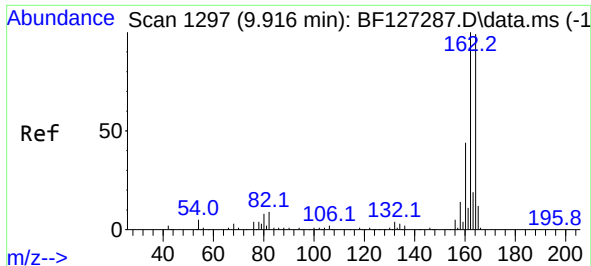
Tgt Ion:142 Resp: 63338

Ion Ratio Lower Upper

142 100

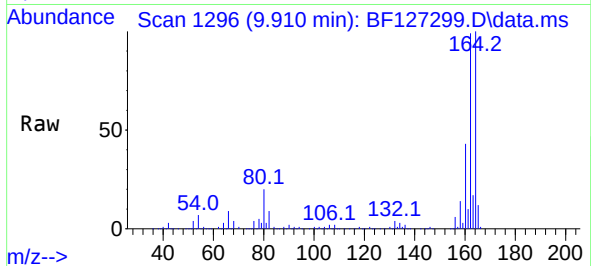
141 92.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

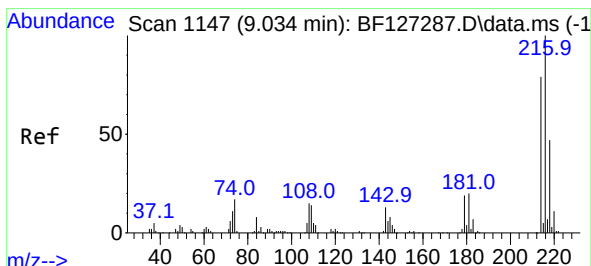
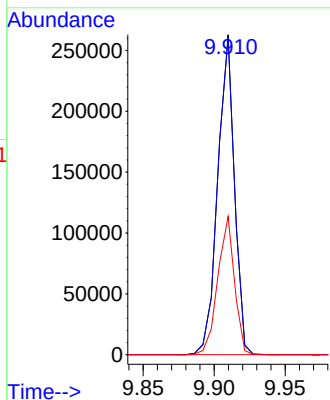
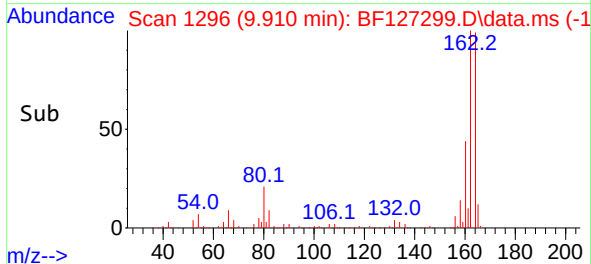
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



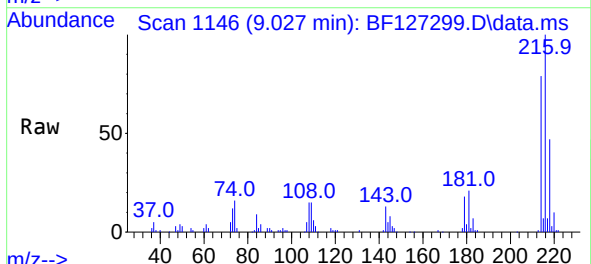
Tgt Ion:164 Resp: 214080
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.2 36.6 54.8

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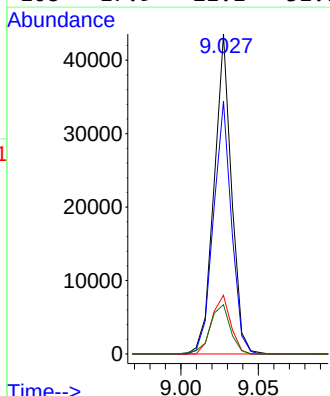
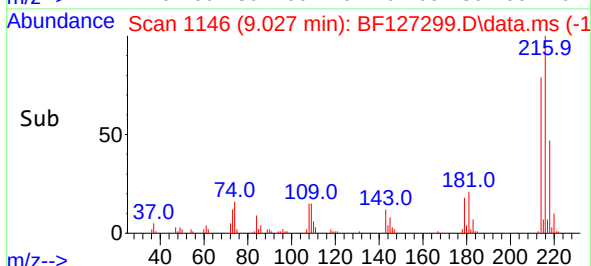
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

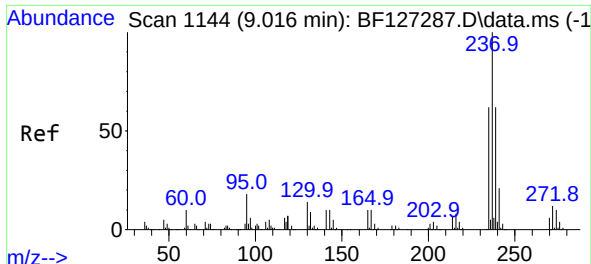


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.024 ng
RT: 9.027 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



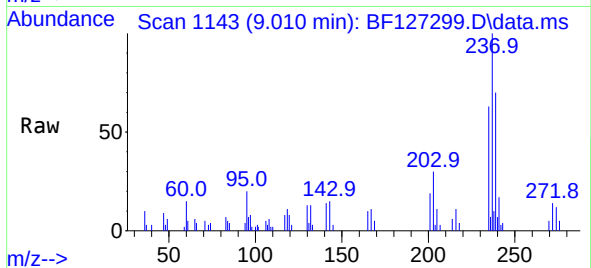
Tgt Ion:216 Resp: 34049
Ion Ratio Lower Upper
216 100
214 81.3 64.6 96.8
179 19.7 19.5 29.3
108 17.9 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 2.264 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

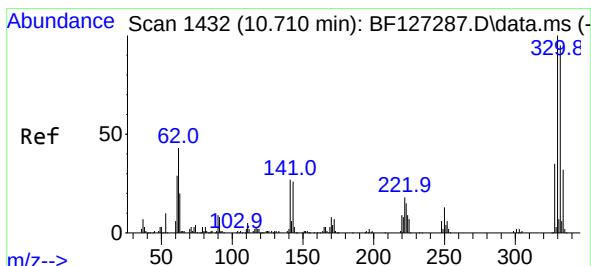
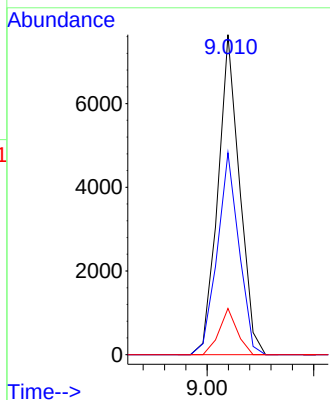
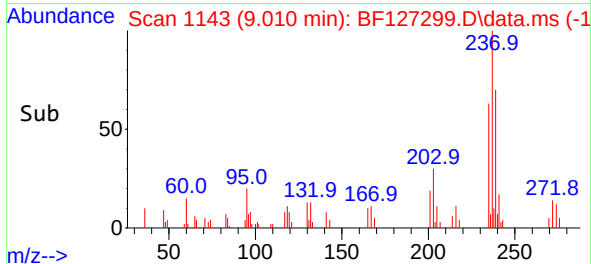
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



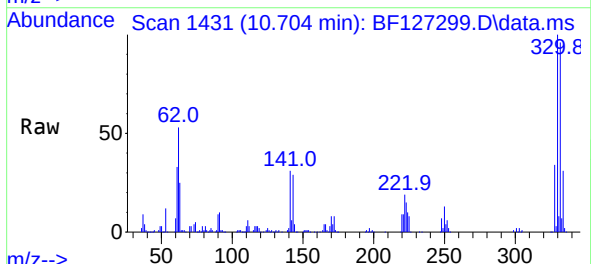
Tgt Ion:237 Resp: 5392
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 14.5 0.0 33.5

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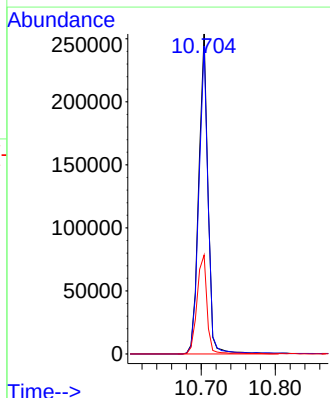
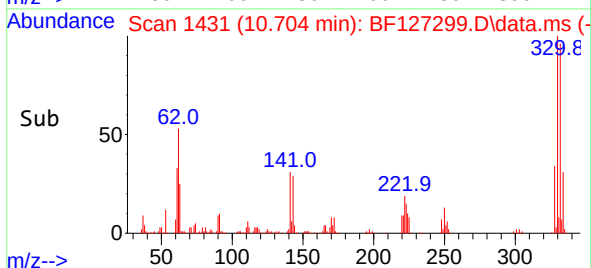
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

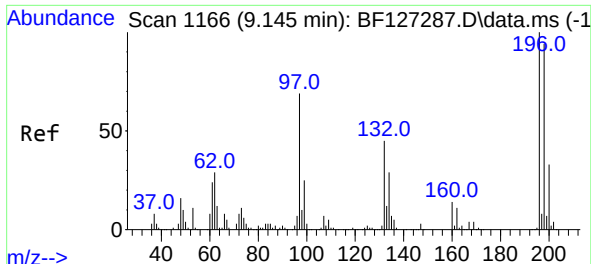


#42
2,4,6-Tribromophenol
Concen: 95.224 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



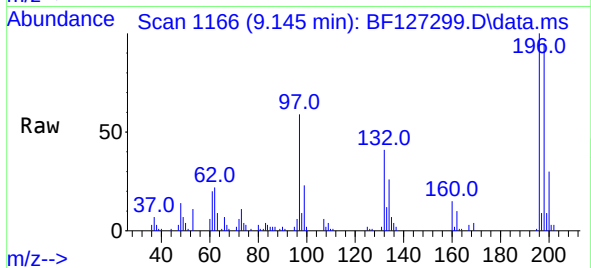
Tgt Ion:330 Resp: 219455
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 33.6 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 4.385 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

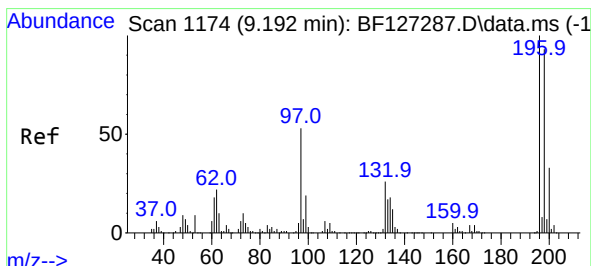
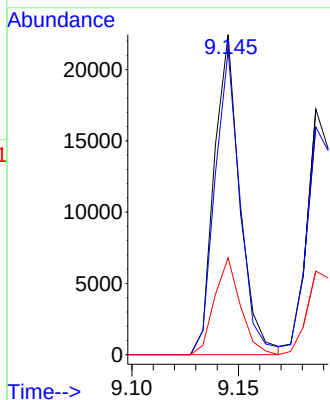
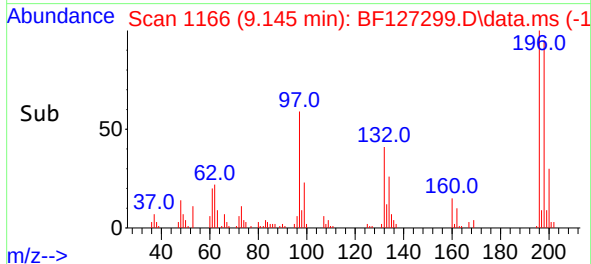
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



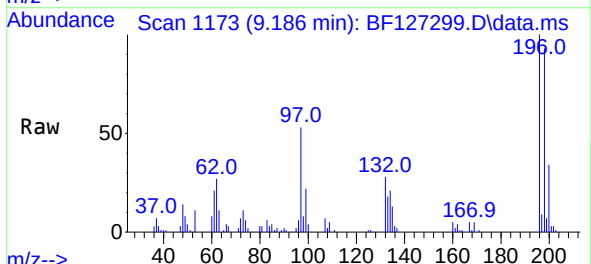
Tgt Ion:196 Resp: 18758
Ion Ratio Lower Upper
196 100
198 95.1 78.5 117.7
200 30.3 24.9 37.3

Manual Integrations
APPROVED

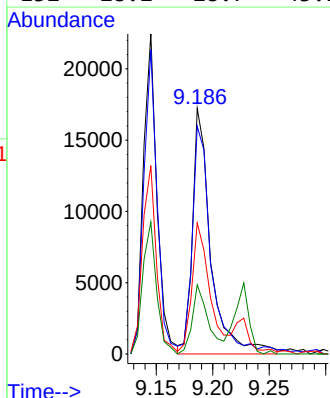
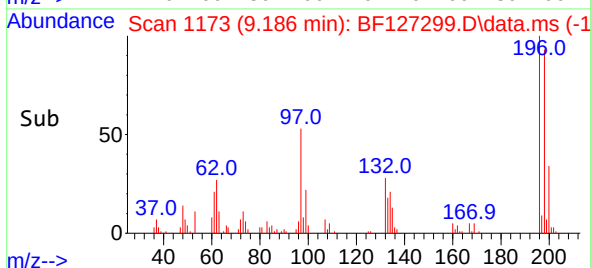
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

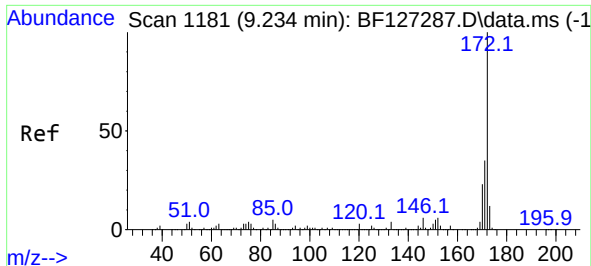


#44
2,4,5-Trichlorophenol
Concen: 4.295 ng m
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



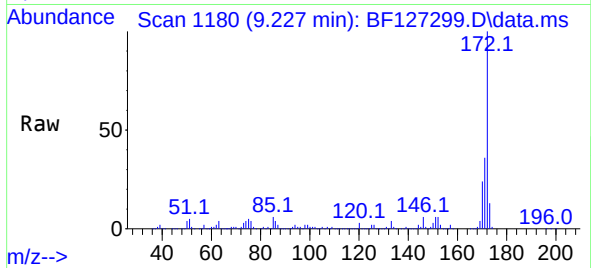
Tgt Ion:196 Resp: 19497
Ion Ratio Lower Upper
196 100
198 92.7 82.0 123.0
97 53.4 53.5 80.3#
132 28.2 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 63.426 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

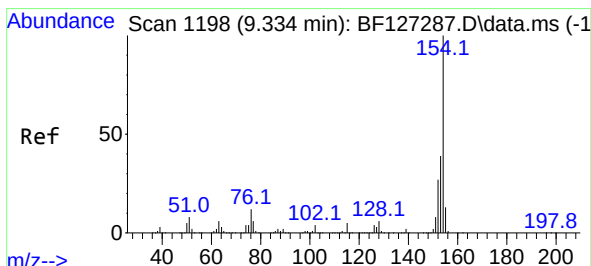
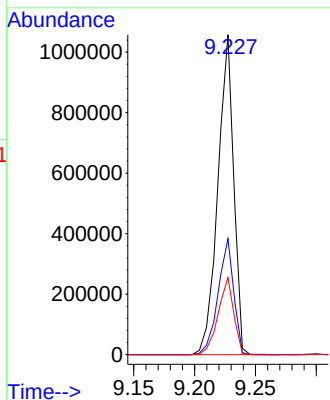
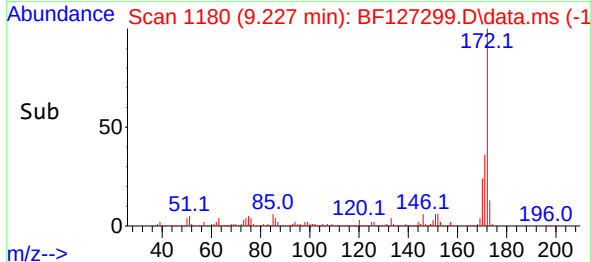
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



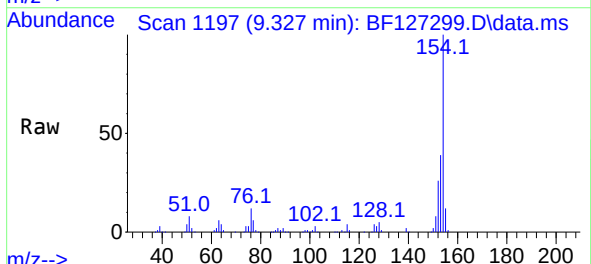
Tgt Ion:172 Resp: 96044
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.1 19.0 28.6

Manual Integrations
APPROVED

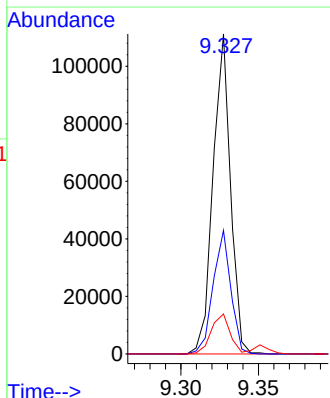
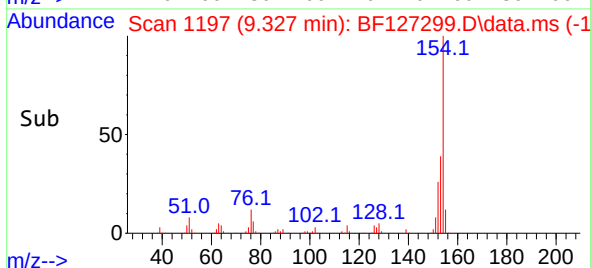
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

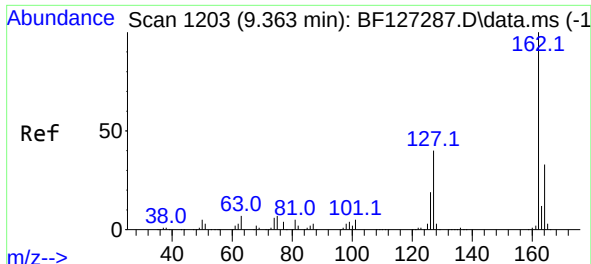


#46
1,1'-Biphenyl
Concen: 5.392 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion:154 Resp: 87119
Ion Ratio Lower Upper
154 100
153 38.6 19.0 59.0
76 12.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 5.008 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:162 Resp: 6298

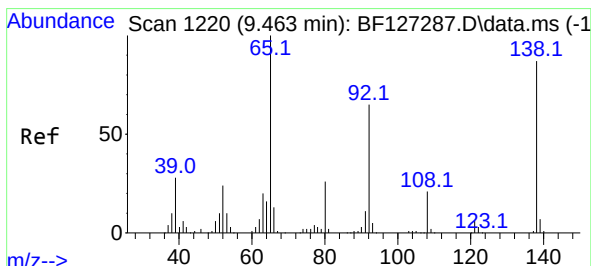
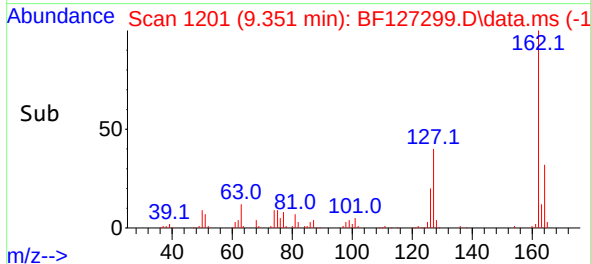
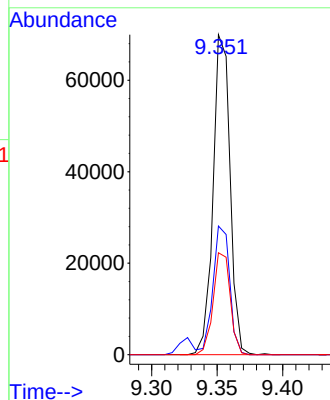
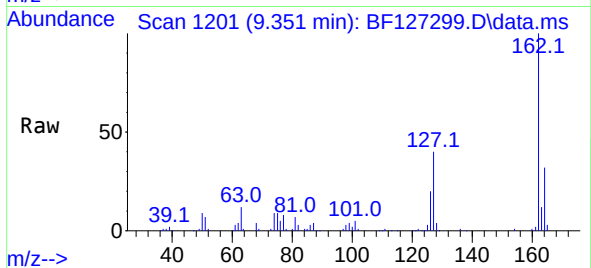
Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.5	50.3
164	31.9	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#48

2-Nitroaniline

Concen: 4.555 ng

RT: 9.451 min Scan# 1218

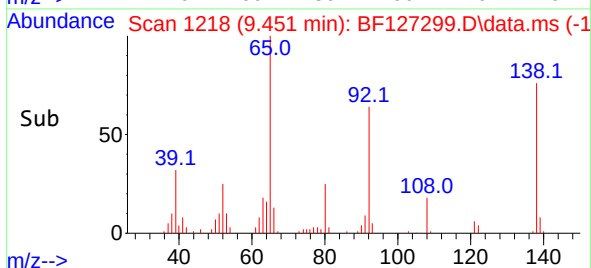
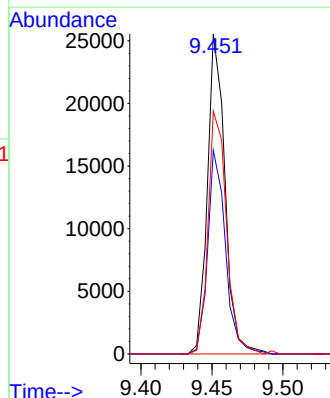
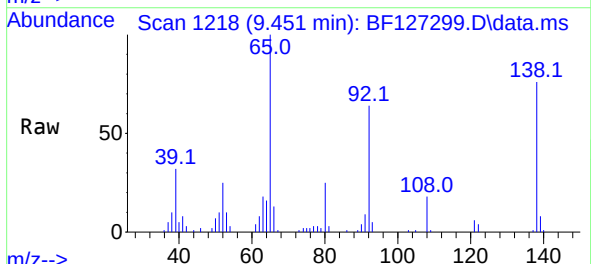
Delta R.T. -0.012 min

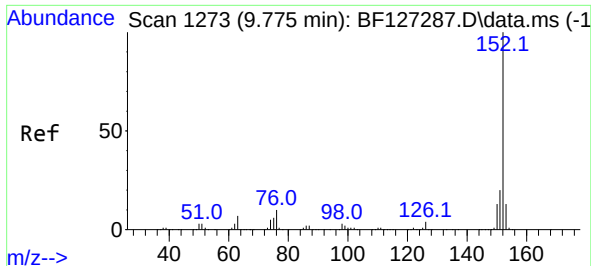
Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Tgt Ion: 65 Resp: 22042

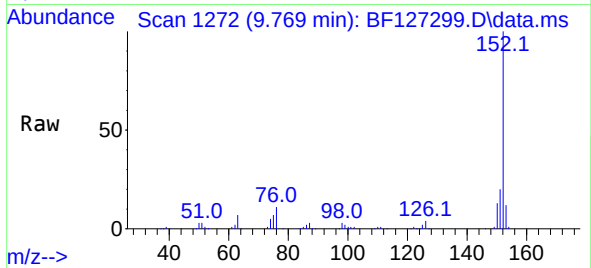
Ion	Ratio	Lower	Upper
65	100		
92	63.6	54.4	81.6
138	75.9	72.5	108.7





#49
Acenaphthylene
Concen: 5.400 ng
RT: 9.769 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

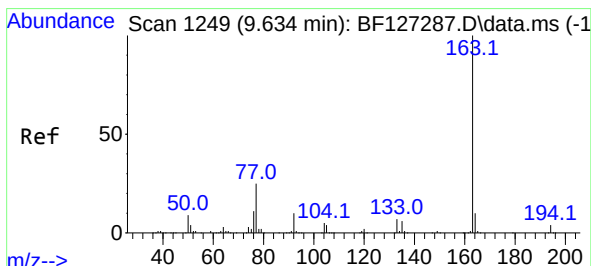
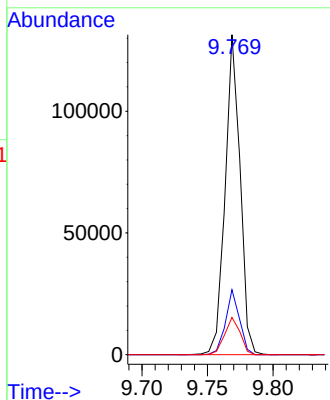
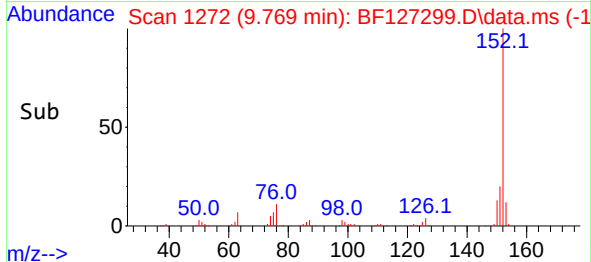
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



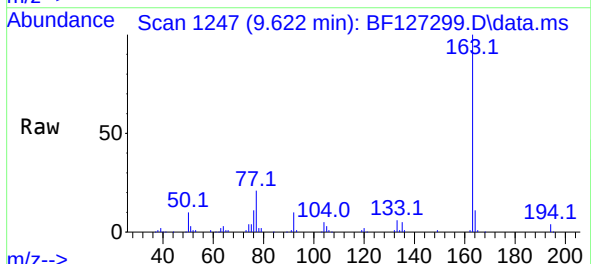
Tgt Ion:152 Resp: 103950
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 11.7 11.4 17.0

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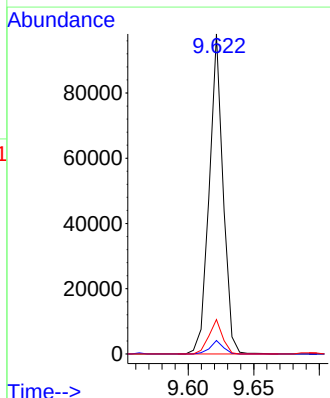
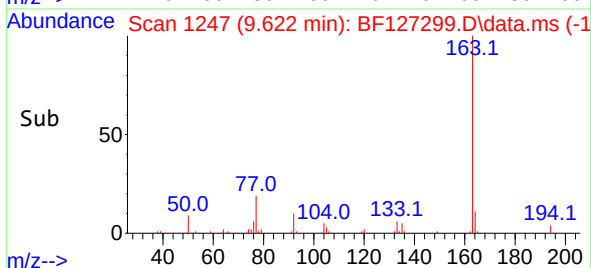
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

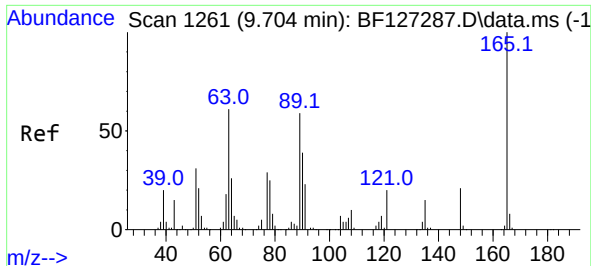


#50
Dimethylphthalate
Concen: 4.707 ng
RT: 9.622 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



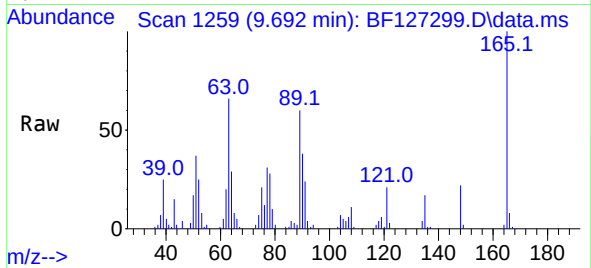
Tgt Ion:163 Resp: 72207
Ion Ratio Lower Upper
163 100
194 4.2 2.6 3.8#
164 10.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 4.874 ng
RT: 9.692 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

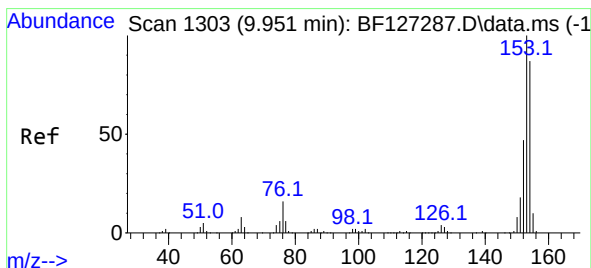
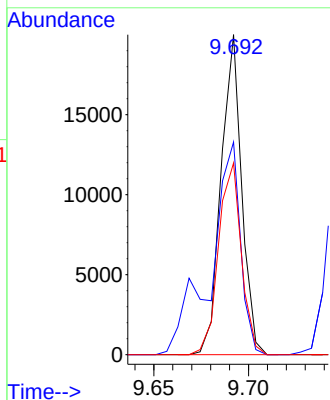
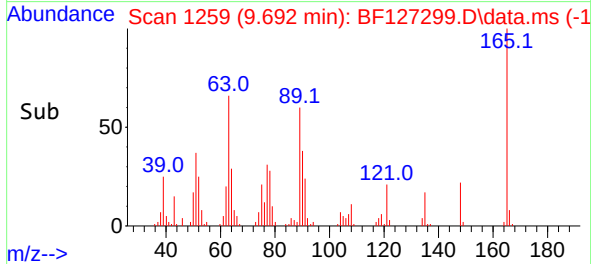
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



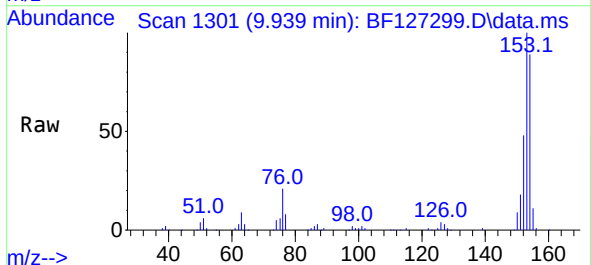
Tgt Ion:165 Resp: 15129
Ion Ratio Lower Upper
165 100
63 66.5 48.4 72.6
89 59.9 50.5 75.7

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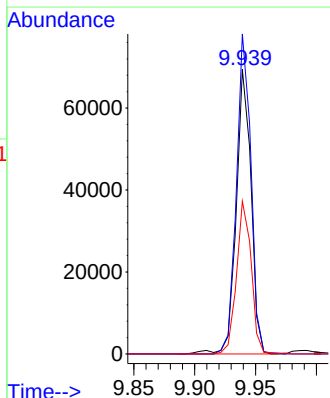
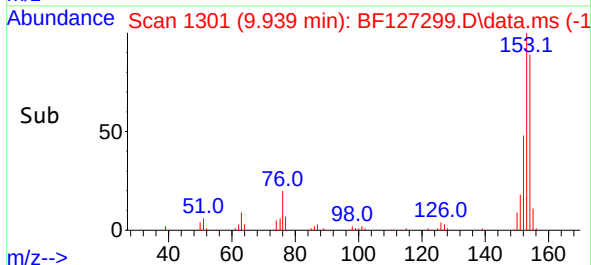
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

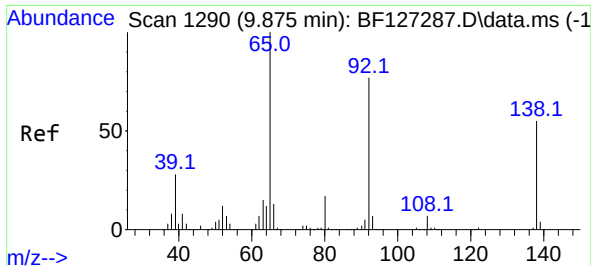


#52
Acenaphthene
Concen: 5.103 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



Tgt Ion:154 Resp: 58548
Ion Ratio Lower Upper
154 100
153 112.5 87.8 131.6
152 53.7 39.4 59.2





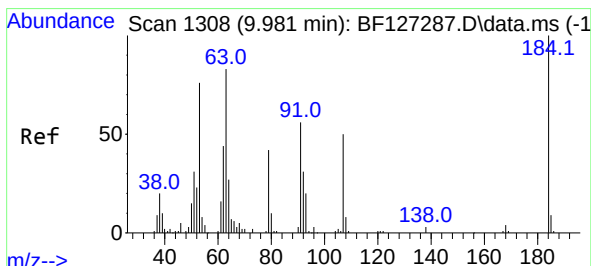
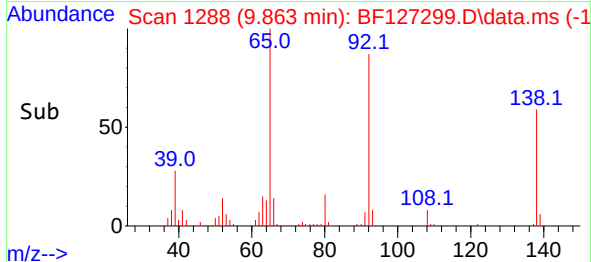
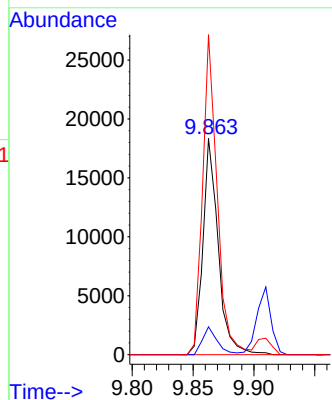
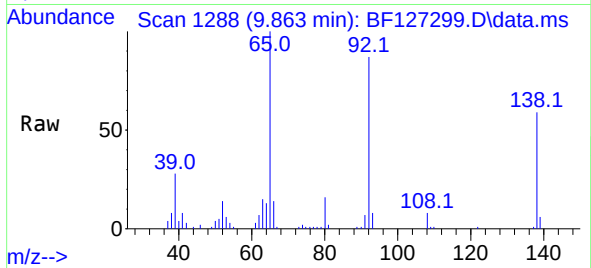
#53
3-Nitroaniline
Concen: 4.734 ng
RT: 9.863 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

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

Tgt Ion:138 Resp: 16008
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 148.0 105.0 157.6

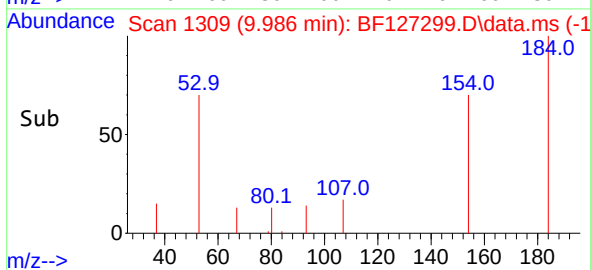
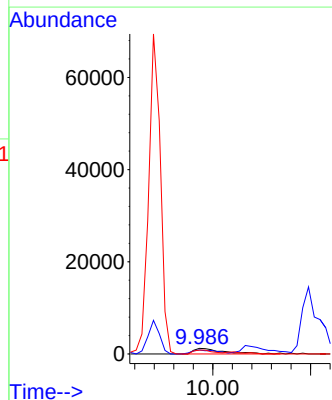
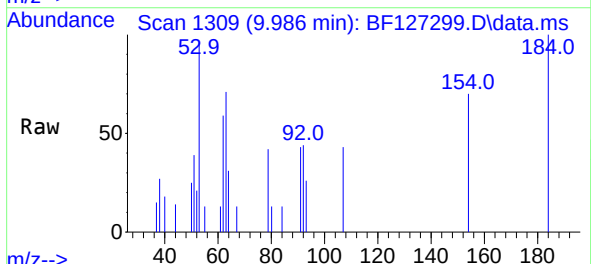
Manual Integrations
APPROVED

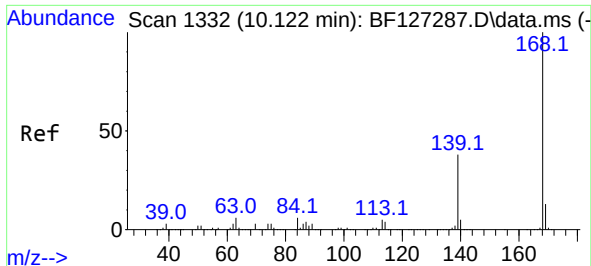
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#54
2,4-Dinitrophenol
Concen: 1.706 ng m
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

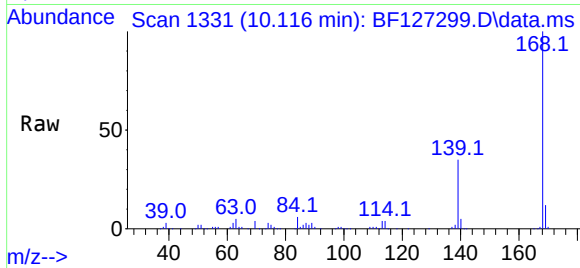
Tgt Ion:184 Resp: 2608
Ion Ratio Lower Upper
184 100
63 71.2 70.4 105.6
154 69.6 49.7 74.5





#55
Dibenzofuran
Concen: 5.113 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

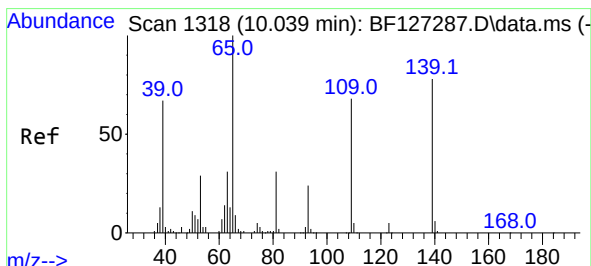
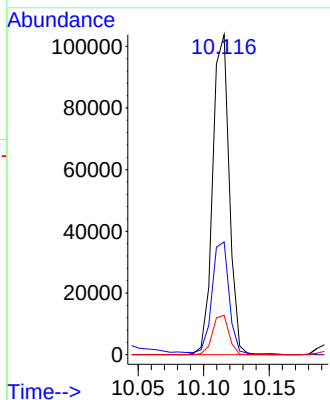
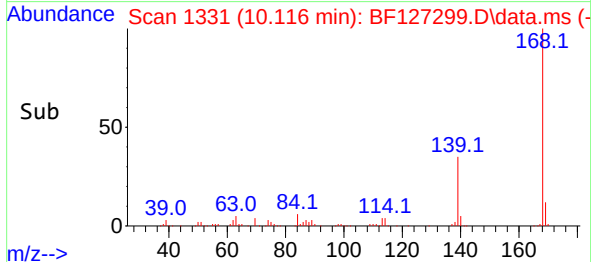
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:168 Resp: 9113
Ion Ratio Lower Upper
168 100
139 35.3 30.6 46.0
169 12.3 10.0 15.0

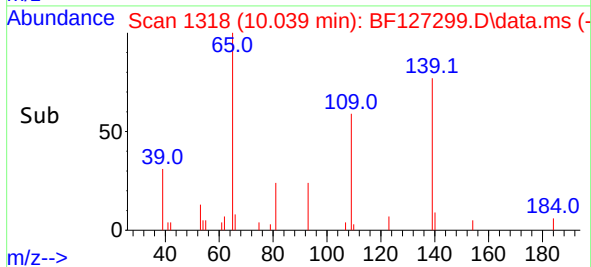
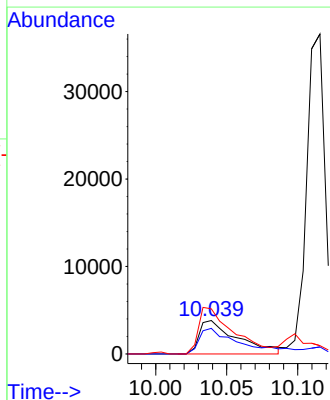
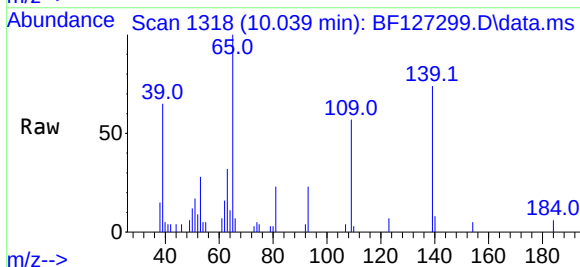
Manual Integrations
APPROVED

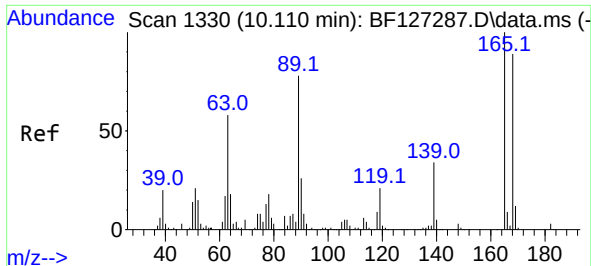
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#56
4-Nitrophenol
Concen: 3.485 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

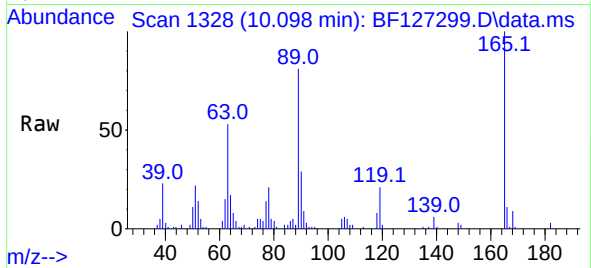
Tgt Ion:139 Resp: 7163
Ion Ratio Lower Upper
139 100
109 76.6 44.1 84.1
65 134.8 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 4.954 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

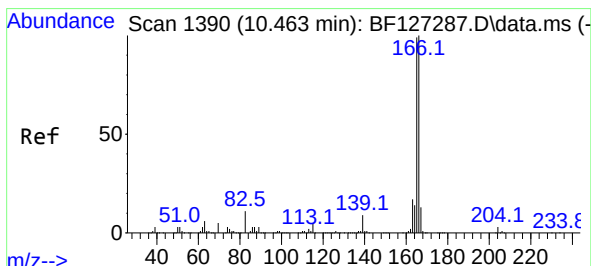
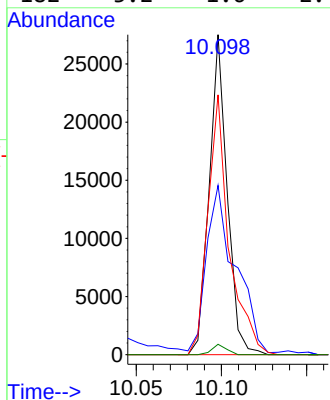
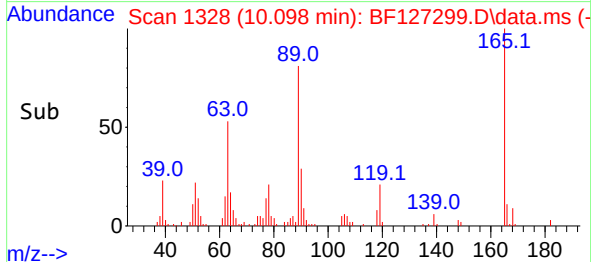
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:165 Resp: 2022
Ion Ratio Lower Upper
165 100
63 52.9 43.0 64.6
89 81.2 71.0 106.4
182 3.2 1.6 2.4#

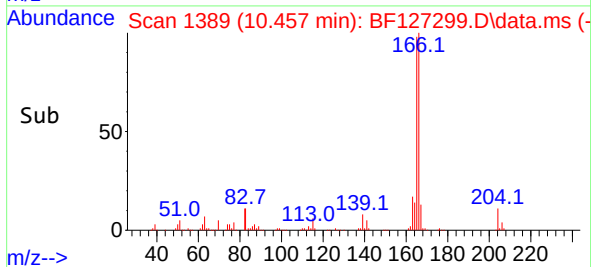
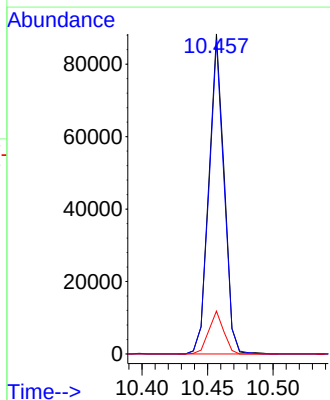
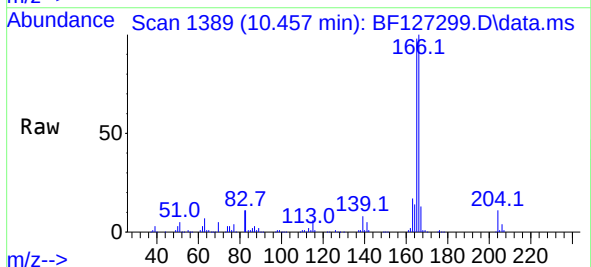
Manual Integrations
APPROVED

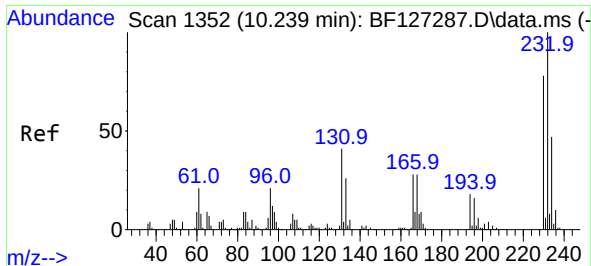
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#58
Fluorene
Concen: 5.160 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

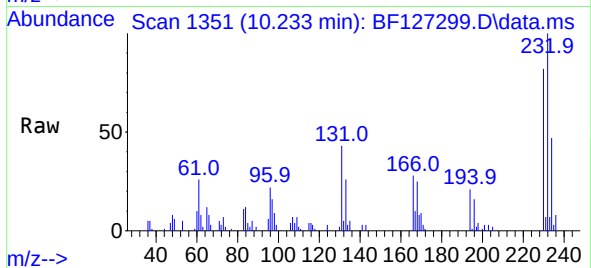
Tgt Ion:166 Resp: 71327
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.497 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

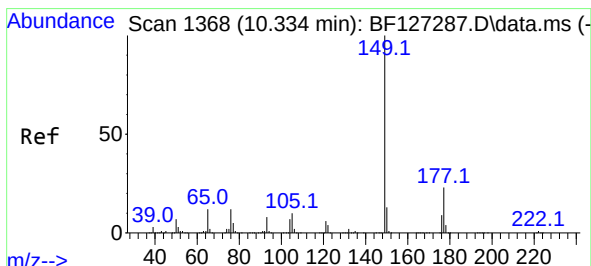
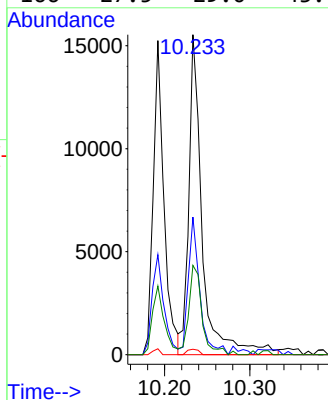
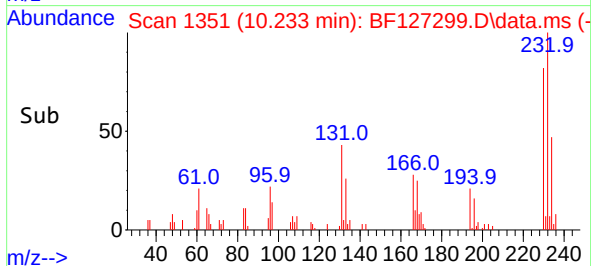
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



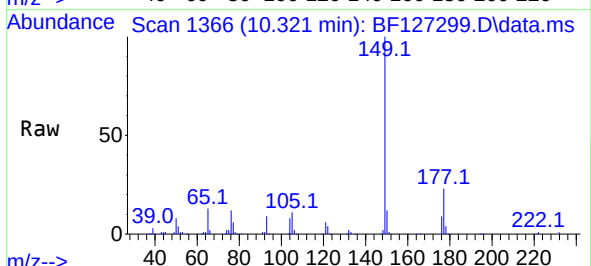
Tgt Ion:232 Resp: 16960
Ion Ratio Lower Upper
232 100
131 37.0 50.0 75.0
130 1.5 2.2 3.2
166 27.5 29.0 43.4

Manual Integrations
APPROVED

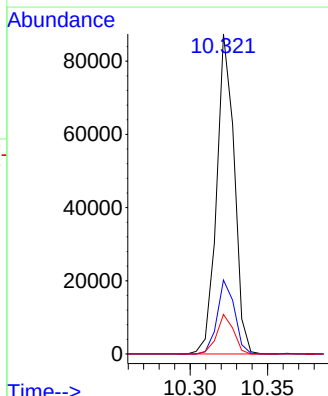
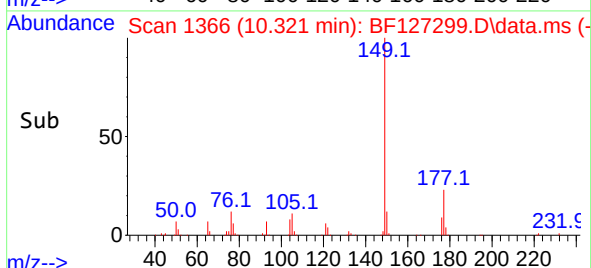
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

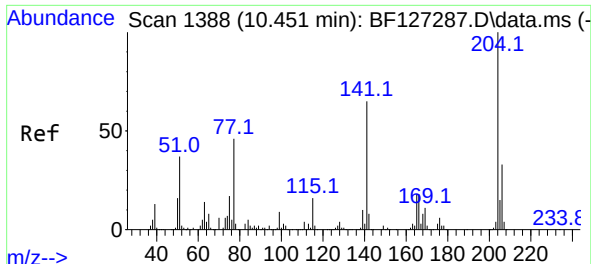


#60
Diethylphthalate
Concen: 4.935 ng
RT: 10.321 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



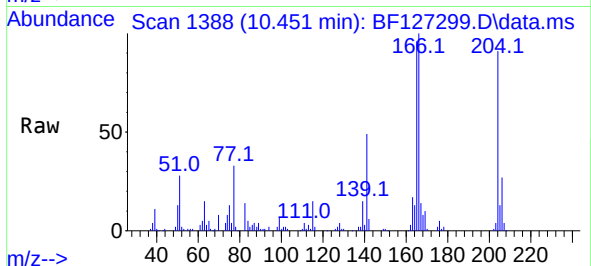
Tgt Ion:149 Resp: 69059
Ion Ratio Lower Upper
149 100
177 23.1 16.7 25.1
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 5.011 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

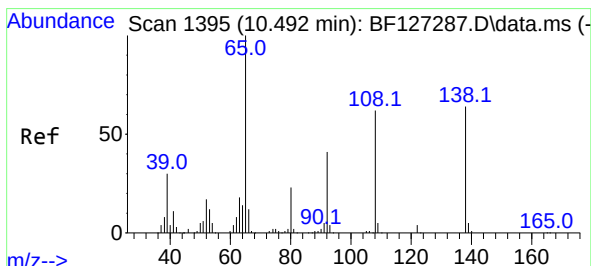
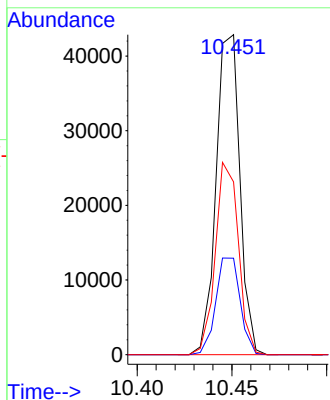
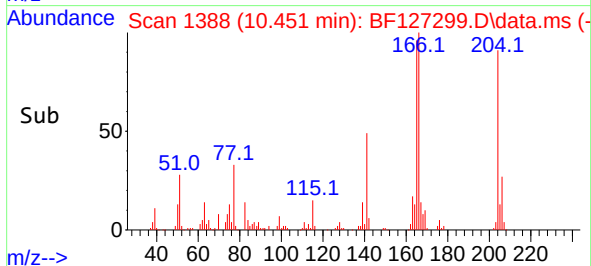
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



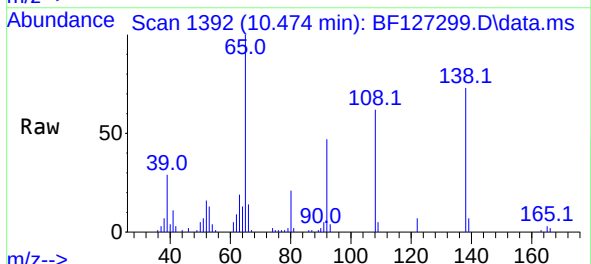
Tgt Ion:204 Resp: 37534
Ion Ratio Lower Upper
204 100
206 30.2 26.3 39.5
141 54.0 59.0 88.6

Manual Integrations
APPROVED

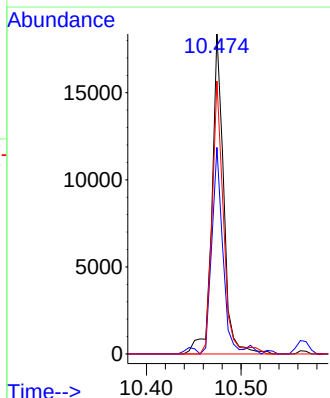
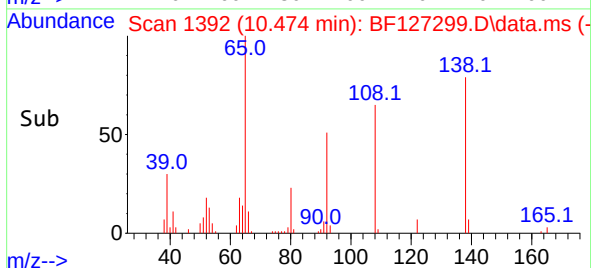
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

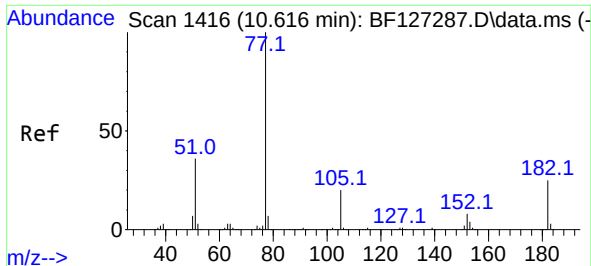


#62
4-Nitroaniline
Concen: 4.683 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



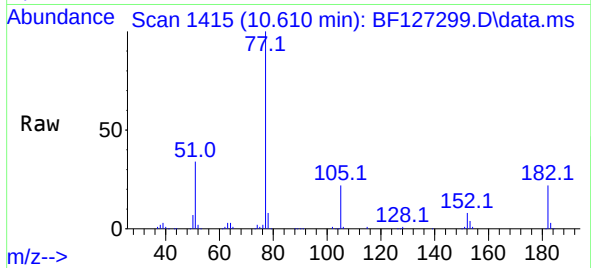
Tgt Ion:138 Resp: 15779
Ion Ratio Lower Upper
138 100
92 64.6 36.2 76.2
108 85.2 46.7 86.7





#63
Azobenzene
Concen: 4.790 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

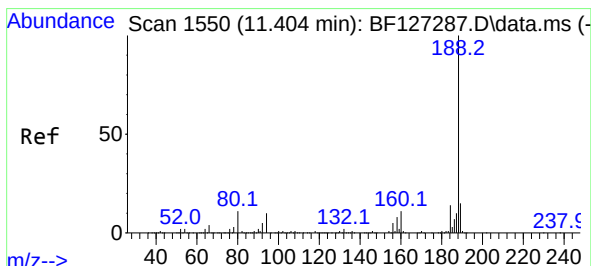
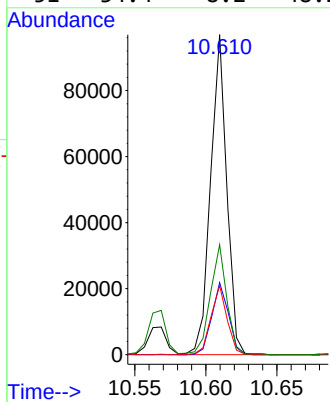
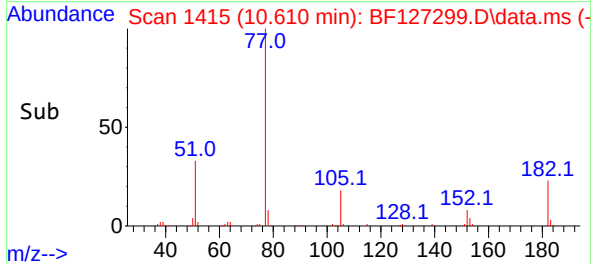
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



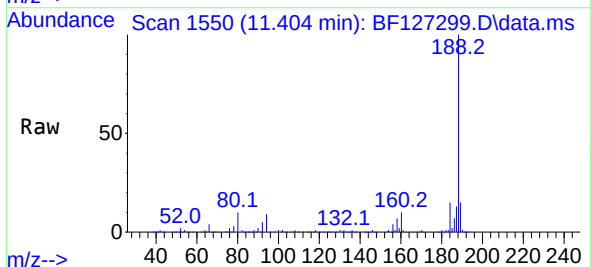
Tgt Ion: 77 Resp: 77048
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.0
105 21.6 3.2 43.2
51 34.4 8.2 48.2

Manual Integrations
APPROVED

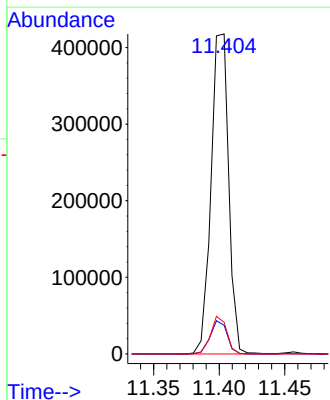
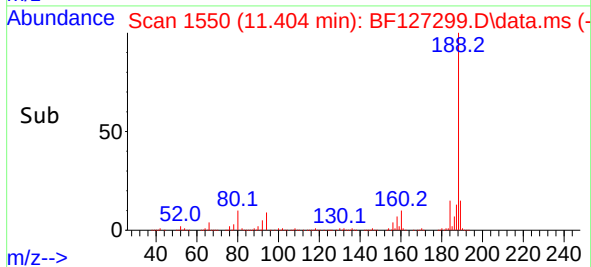
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

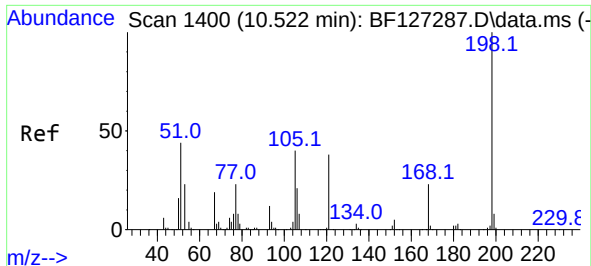


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



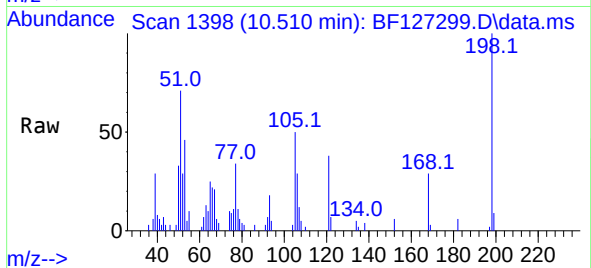
Tgt Ion:188 Resp: 391270
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 9.9 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 2.752 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

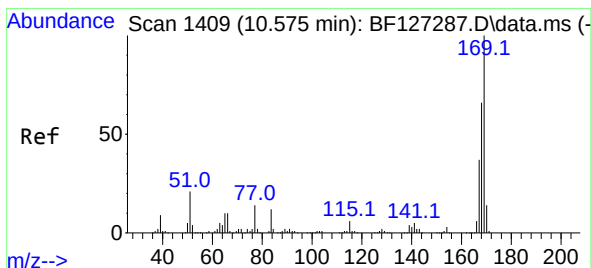
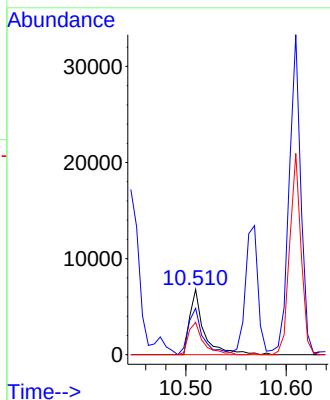
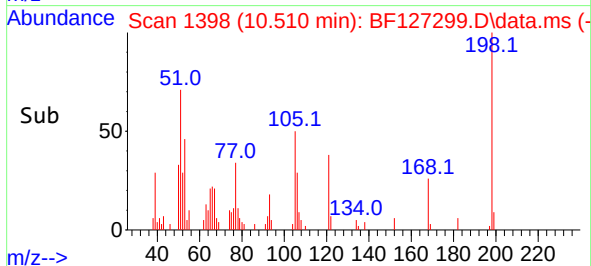
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



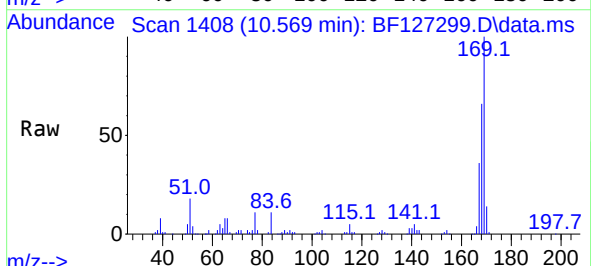
Tgt Ion:198 Resp: 6640
Ion Ratio Lower Upper
198 100
51 71.1 32.0 72.0
105 49.6 32.7 72.7

Manual Integrations
APPROVED

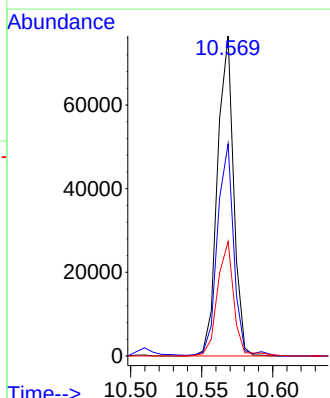
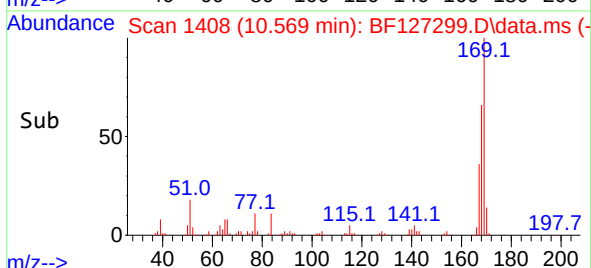
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

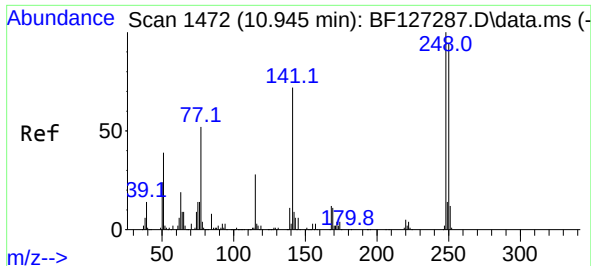


#66
n-Nitrosodiphenylamine
Concen: 4.961 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



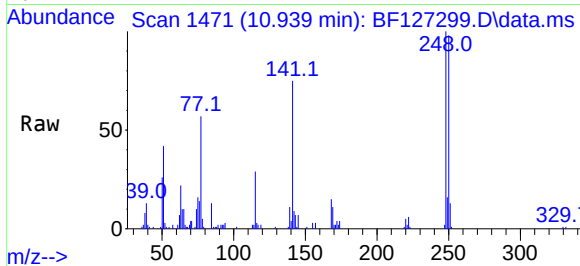
Tgt Ion:169 Resp: 60283
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

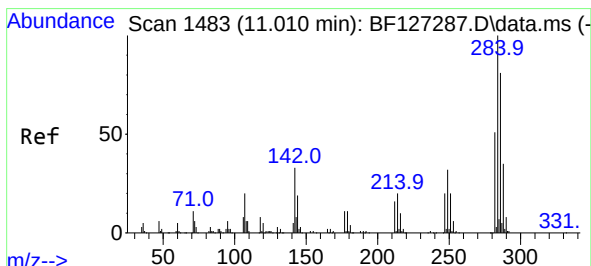
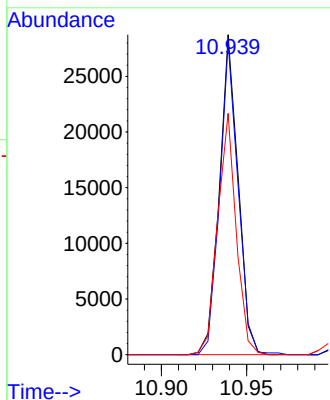
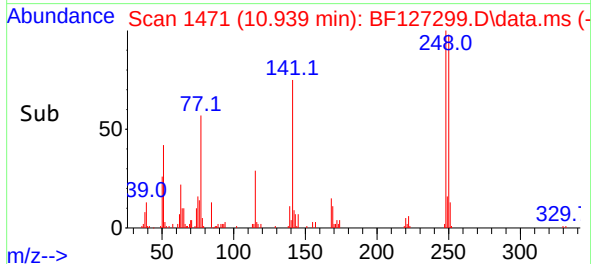
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



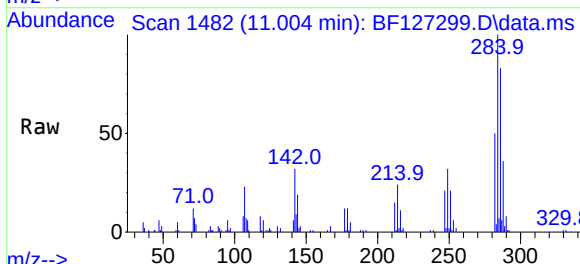
Tgt Ion:248 Resp: 22075
Ion Ratio Lower Upper
248 100
250 97.7 76.2 114.4
141 75.4 66.2 99.4

Manual Integrations
APPROVED

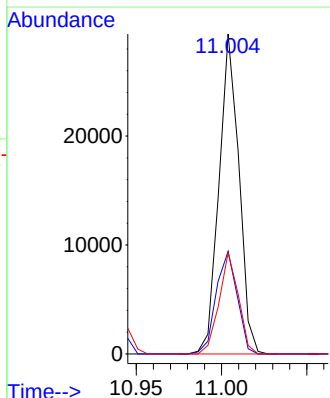
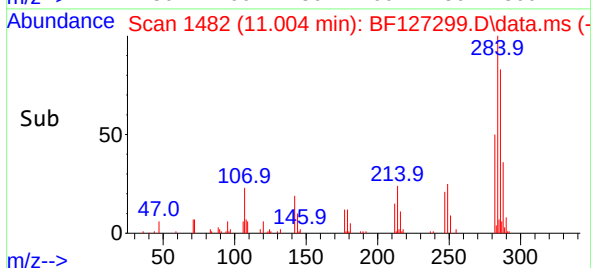
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

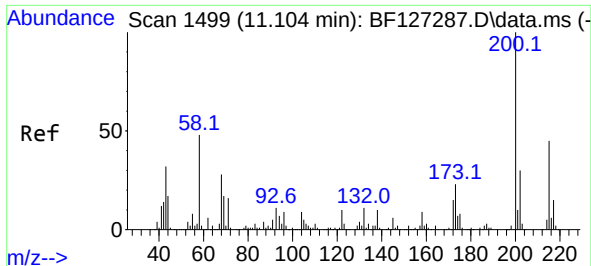


#68
Hexachlorobenzene
Concen: 4.645 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



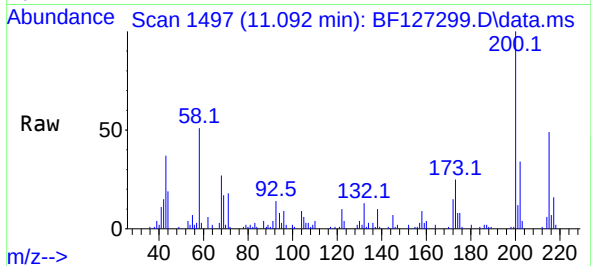
Tgt Ion:284 Resp: 23874
Ion Ratio Lower Upper
284 100
142 32.1 30.7 46.1
249 31.7 21.1 31.7#





#69
Atrazine
Concen: 5.131 ng
RT: 11.092 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

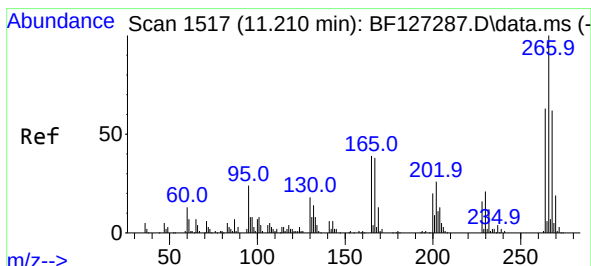
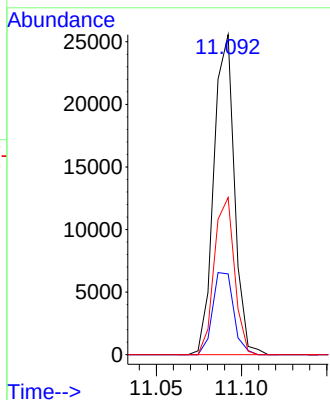
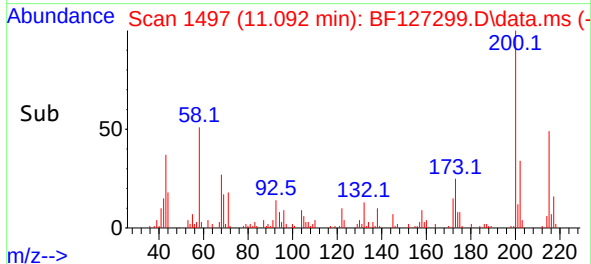
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



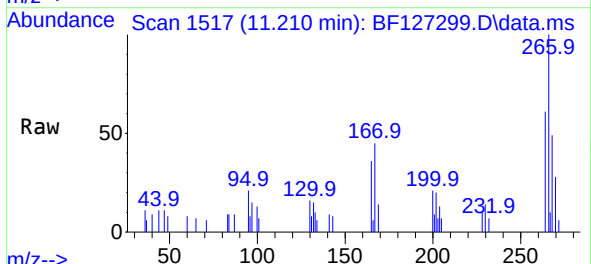
Tgt Ion:200 Resp: 21510
Ion Ratio Lower Upper
200 100
173 25.3 9.2 49.2
215 49.1 23.2 63.2

Manual Integrations
APPROVED

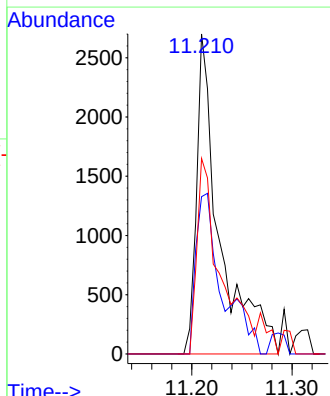
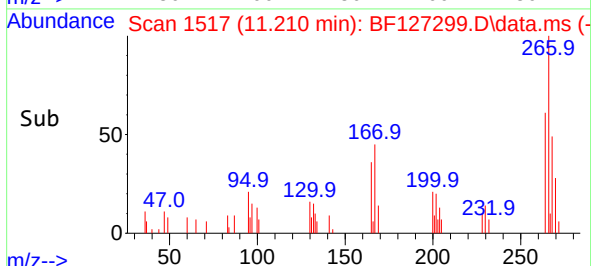
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

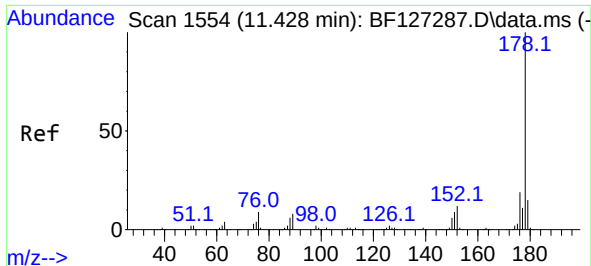


#70
Pentachlorophenol
Concen: 2.082 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



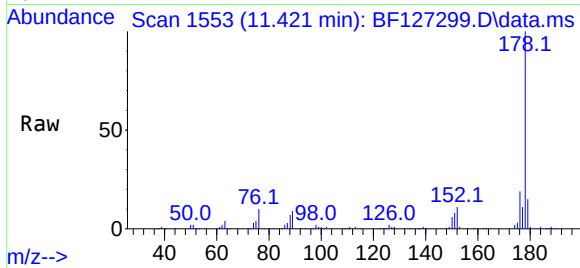
Tgt Ion:266 Resp: 4320
Ion Ratio Lower Upper
266 100
268 49.2 52.3 78.5#
264 61.1 50.4 75.6





#71
Phenanthrene
Concen: 5.049 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

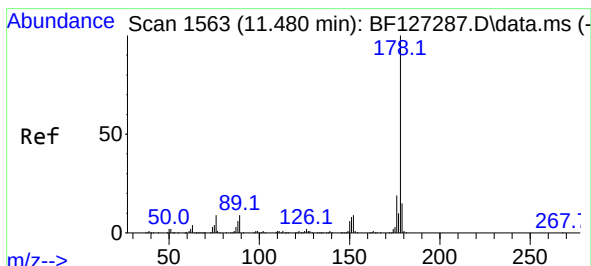
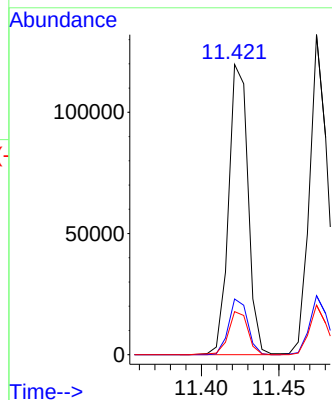
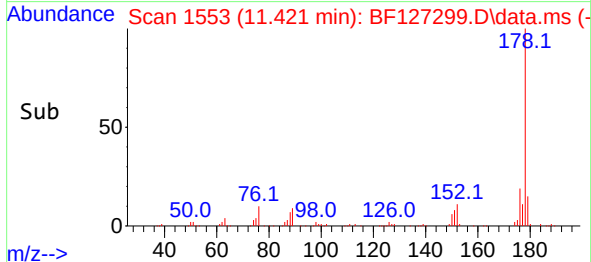
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



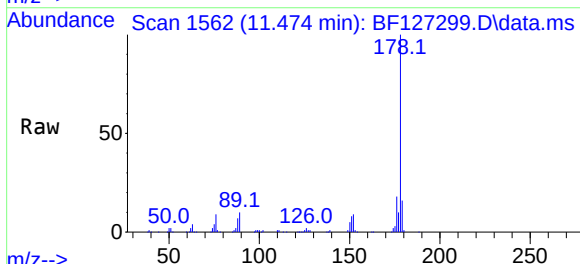
Tgt Ion:178 Resp: 104289
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.8 12.3 18.5

Manual Integrations
APPROVED

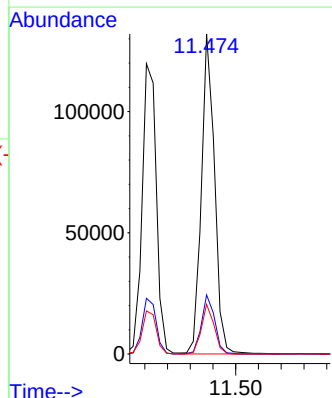
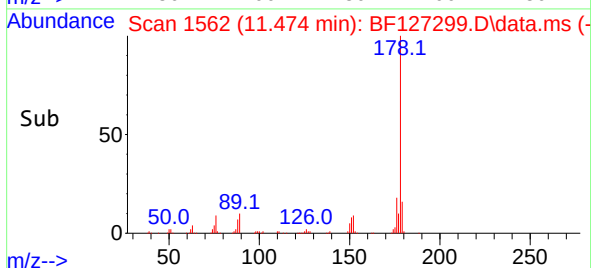
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

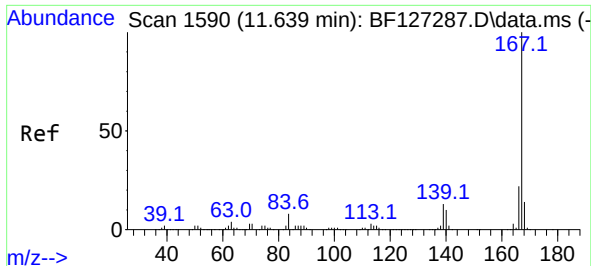


#72
Anthracene
Concen: 5.178 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



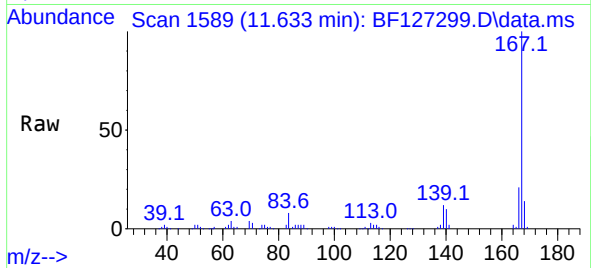
Tgt Ion:178 Resp: 105921
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 4.848 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

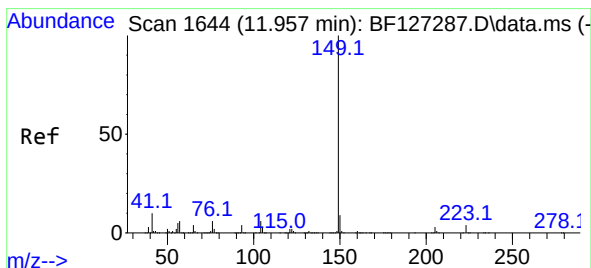
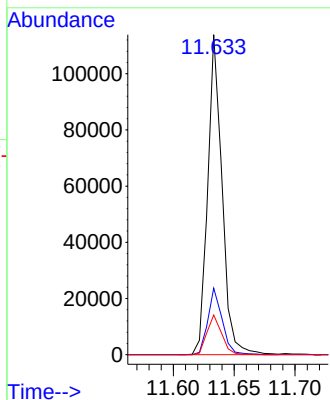
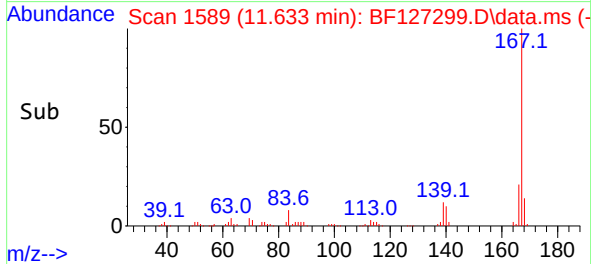
Instrument : BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



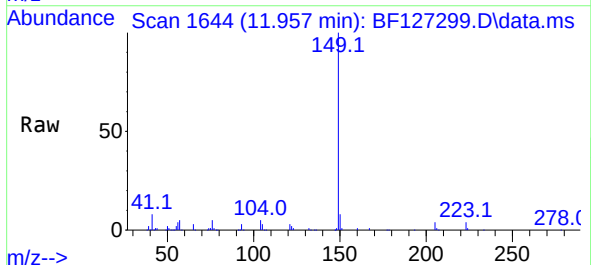
Tgt Ion:167 Resp: 93394
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.9 25.3
 139 12.4 11.3 16.9

Manual Integrations
 APPROVED

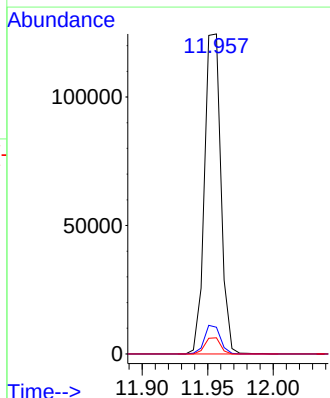
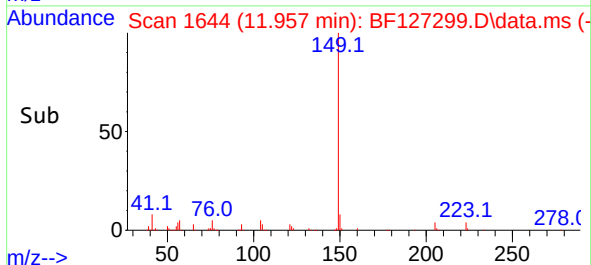
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

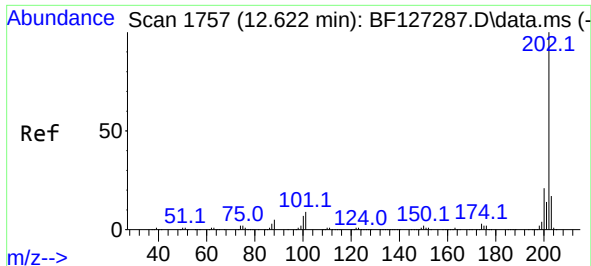


#74
 Di-n-butylphthalate
 Concen: 4.817 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02



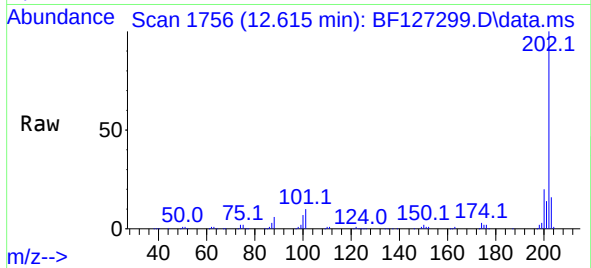
Tgt Ion:149 Resp: 108527
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.2 10.8
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 5.026 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

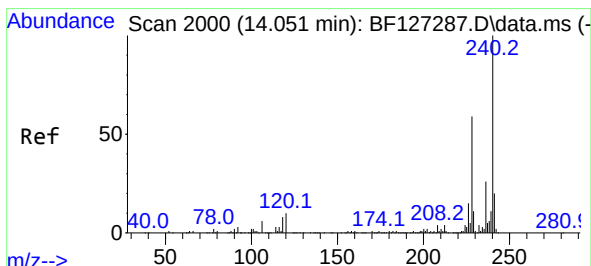
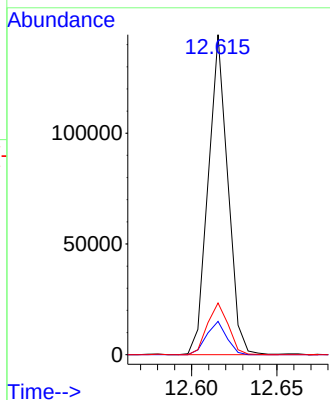
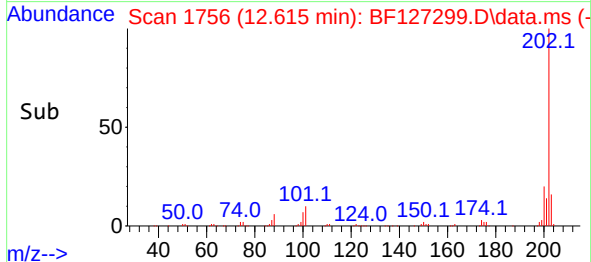
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



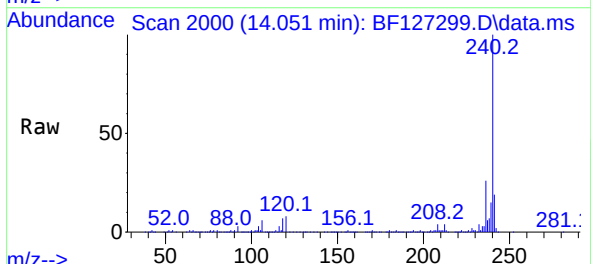
Tgt Ion:202 Resp: 11606
Ion Ratio Lower Upper
202 100
101 10.4 0.0 35.7
203 16.1 0.0 37.1

Manual Integrations
APPROVED

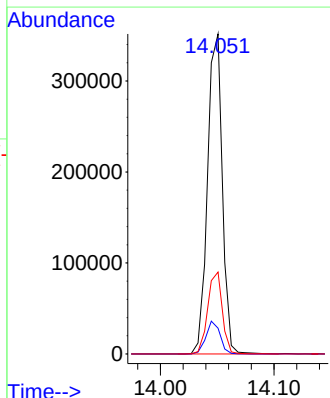
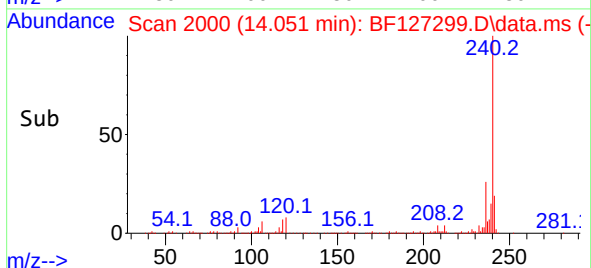
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

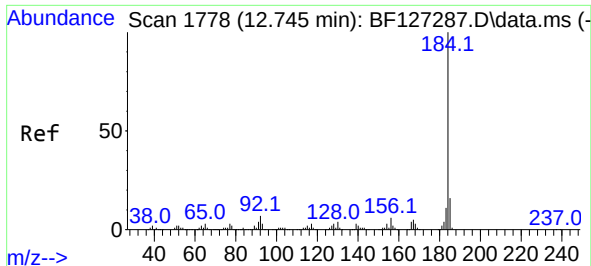


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



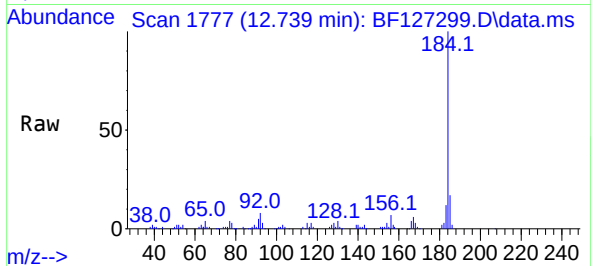
Tgt Ion:240 Resp: 317323
Ion Ratio Lower Upper
240 100
120 8.1 14.4 21.6#
236 25.6 20.5 30.7





#77
Benzidine
Concen: 6.796 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

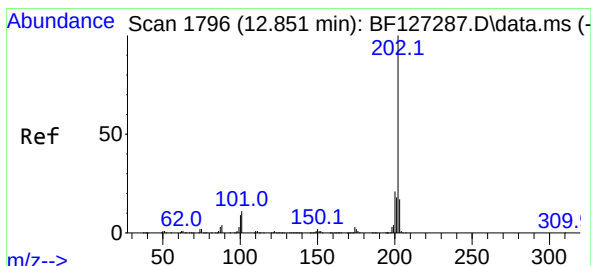
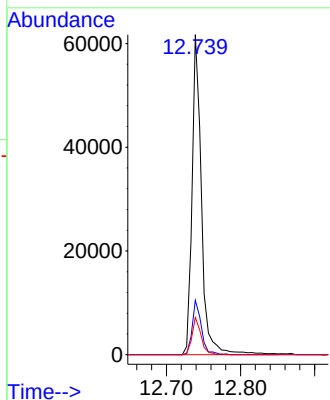
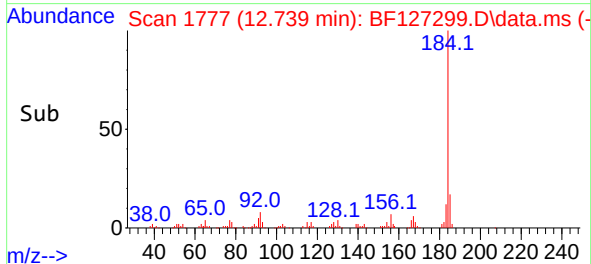
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



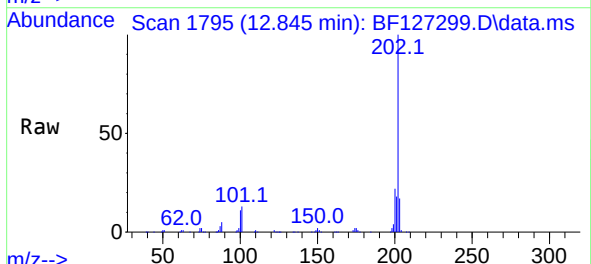
Tgt Ion:184 Resp: 54838
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.8
183 11.7 8.2 12.2

Manual Integrations
APPROVED

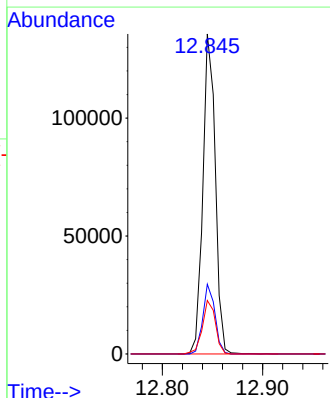
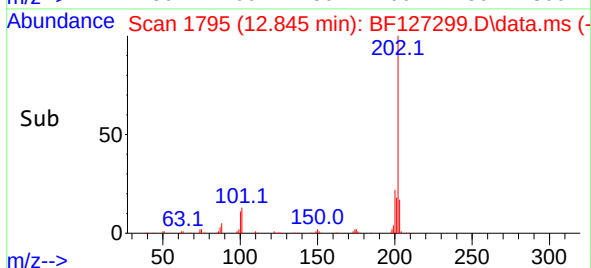
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

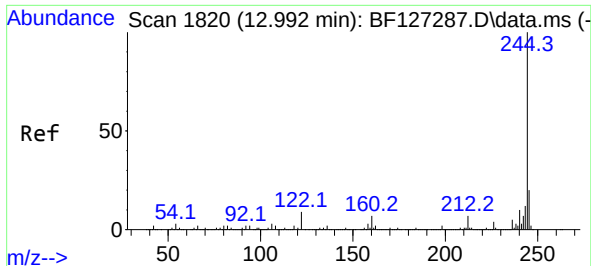


#78
Pyrene
Concen: 4.746 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



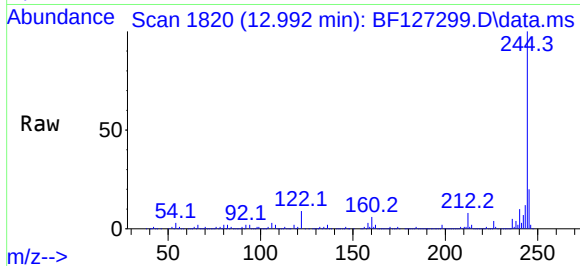
Tgt Ion:202 Resp: 117301
Ion Ratio Lower Upper
202 100
200 21.8 16.6 24.8
203 16.7 13.8 20.8





#79
Terphenyl-d14
Concen: 60.936 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

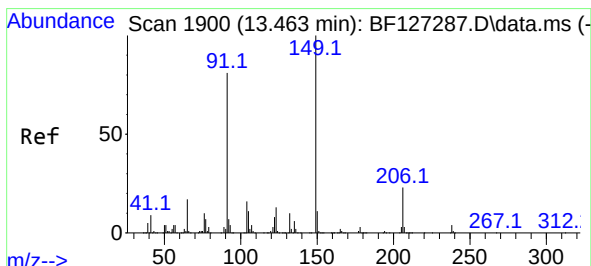
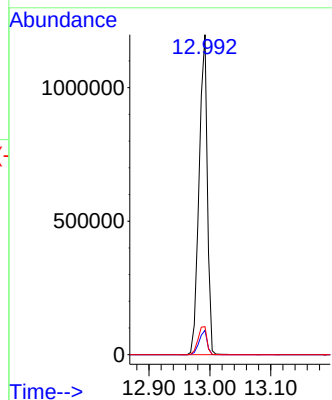
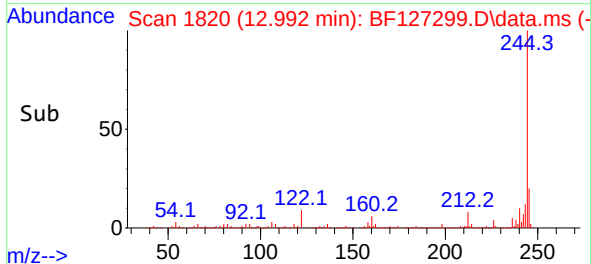
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



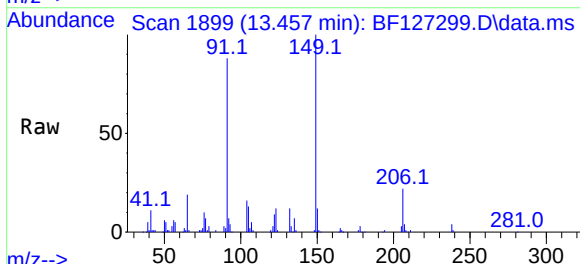
Tgt Ion:244 Resp: 112293
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4
122 8.8 13.3 19.9

Manual Integrations
APPROVED

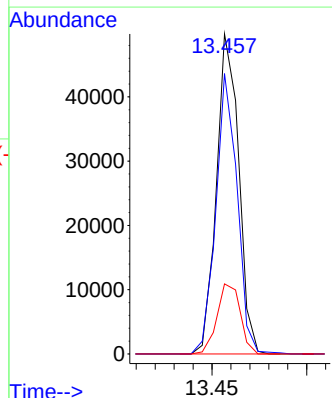
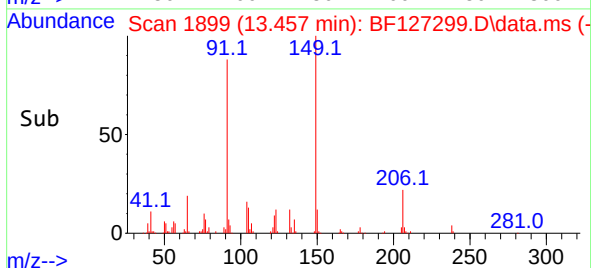
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

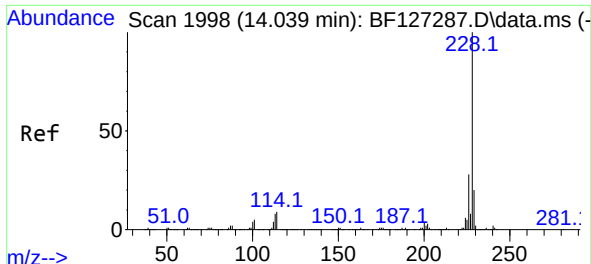


#80
Butylbenzylphthalate
Concen: 4.272 ng
RT: 13.457 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



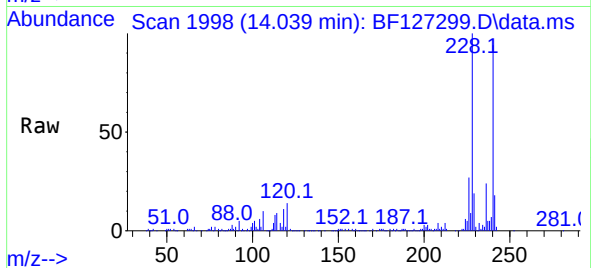
Tgt Ion:149 Resp: 40637
Ion Ratio Lower Upper
149 100
91 87.6 70.5 105.7
206 21.9 12.6 19.0





#81
Benzo(a)anthracene
Concen: 4.821 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

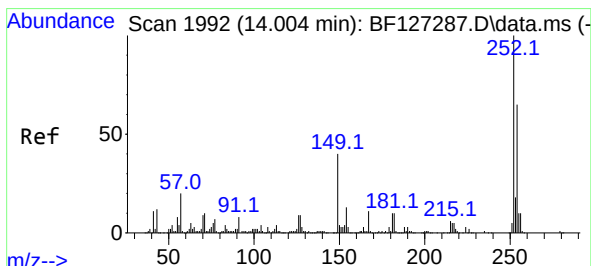
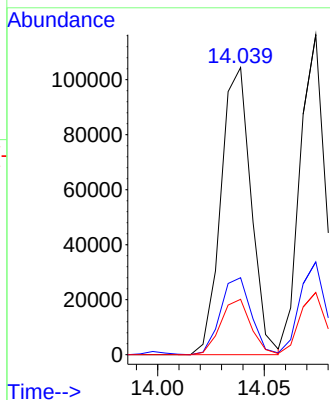
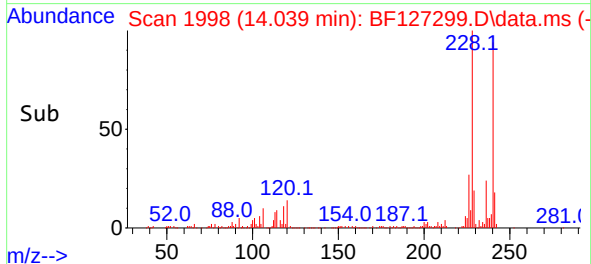
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



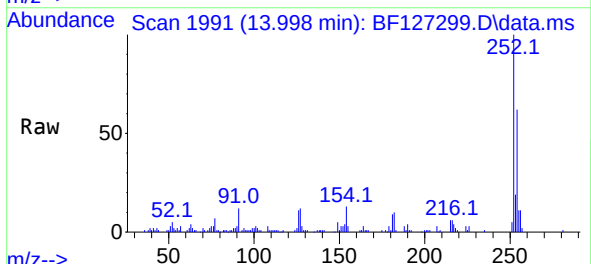
Tgt Ion:228 Resp: 102998
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.3 15.4 23.2

Manual Integrations
APPROVED

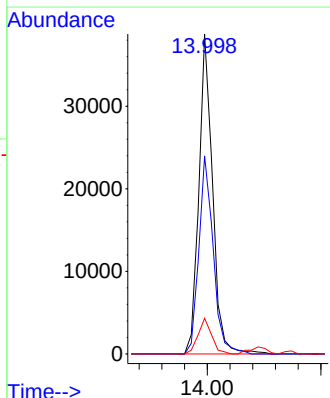
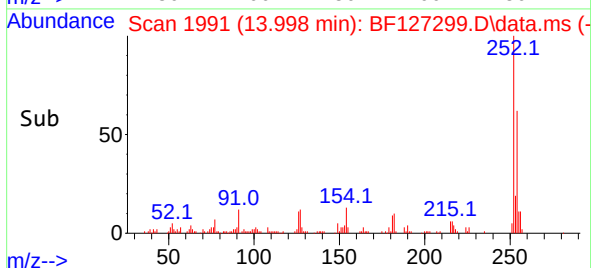
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

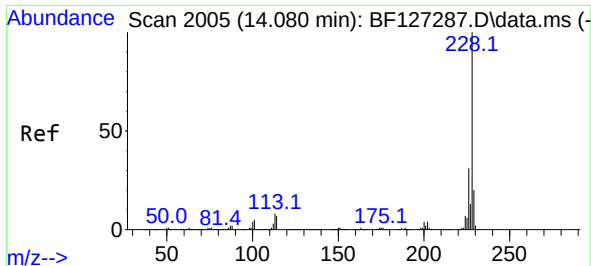


#82
3,3'-Dichlorobenzidine
Concen: 4.895 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02



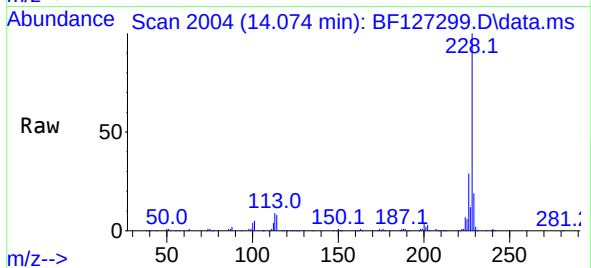
Tgt Ion:252 Resp: 32517
Ion Ratio Lower Upper
252 100
254 61.9 51.0 76.4
126 11.1 13.4 20.0#





#83
Chrysene
Concen: 4.888 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

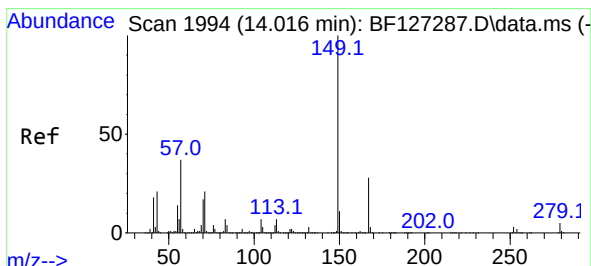
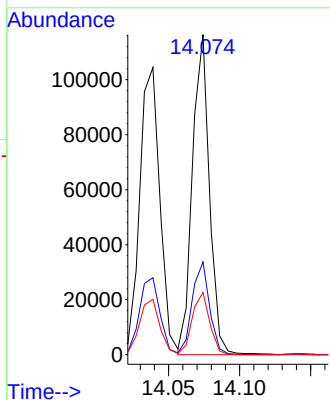
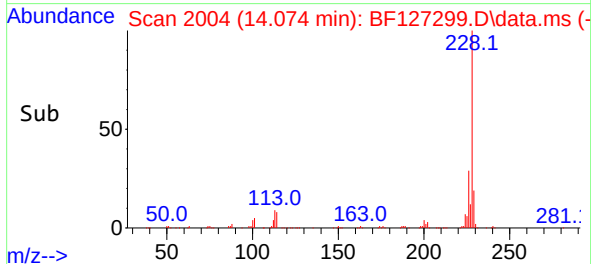
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:228 Resp: 9714
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 19.4 15.5 23.3

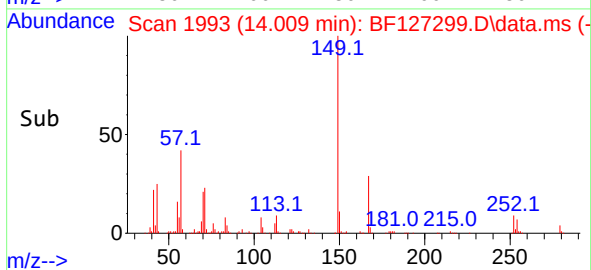
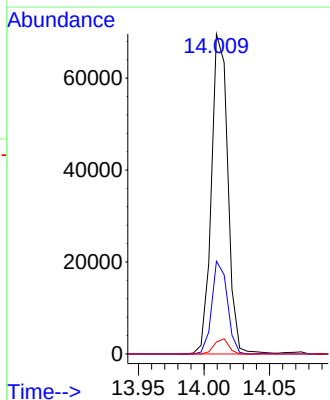
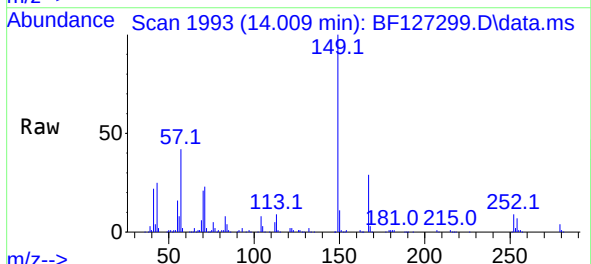
Manual Integrations
APPROVED

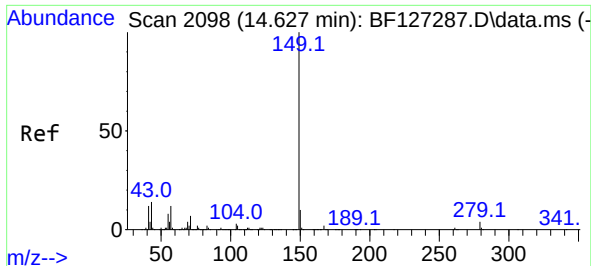
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.738 ng
RT: 14.009 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

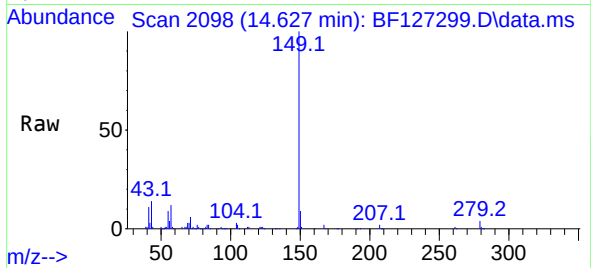
Tgt Ion:149 Resp: 60675
Ion Ratio Lower Upper
149 100
167 29.0 21.4 32.2
279 3.7 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 4.708 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

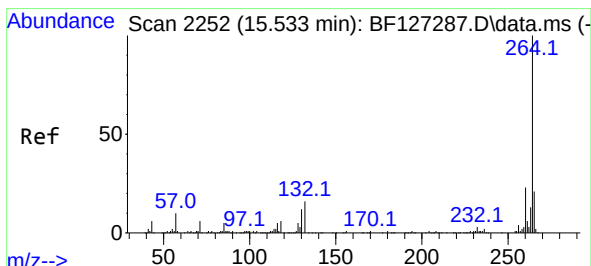
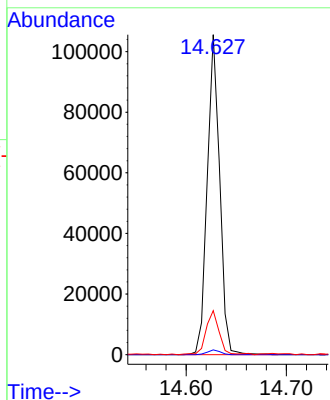
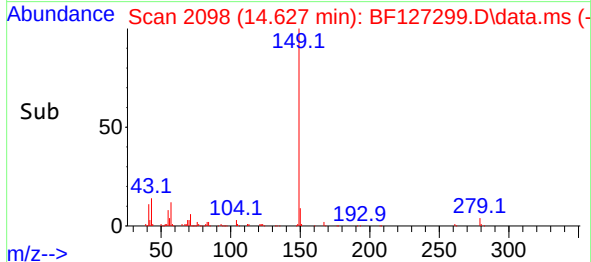
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:149 Resp: 9125
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.8 9.9 14.9

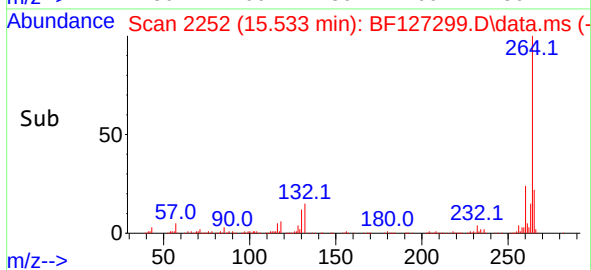
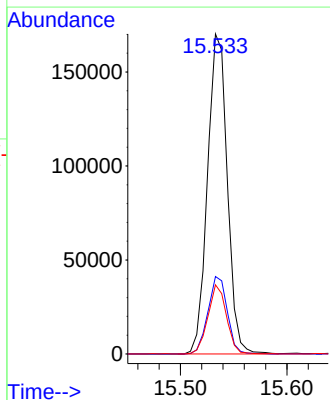
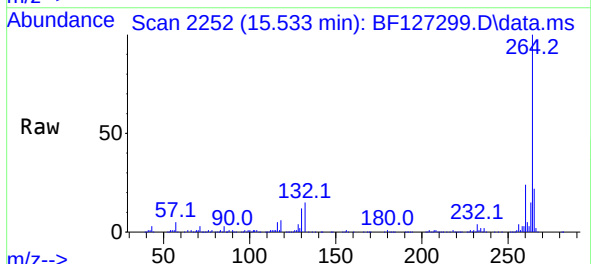
Manual Integrations
APPROVED

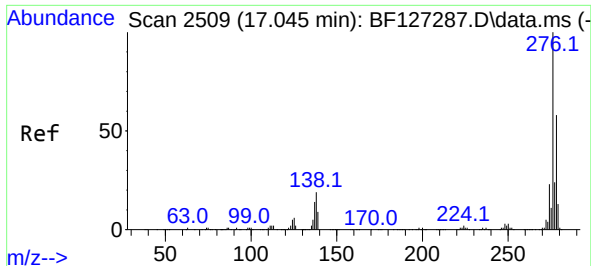
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:264 Resp: 219691
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 17.4 26.2





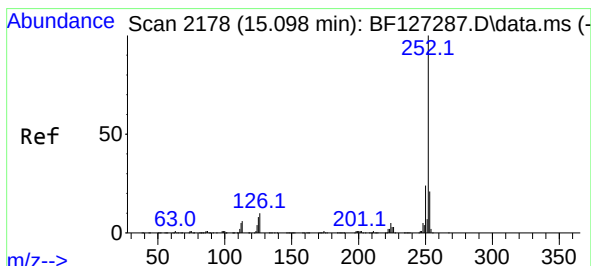
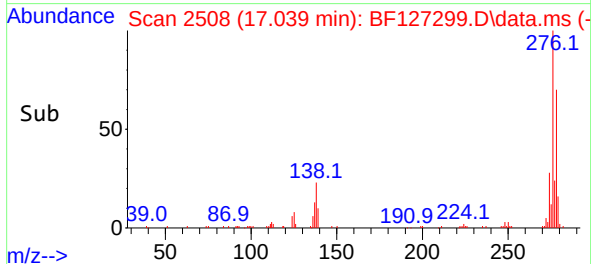
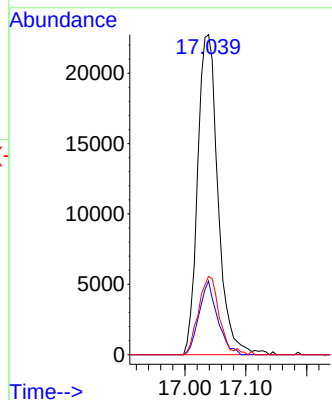
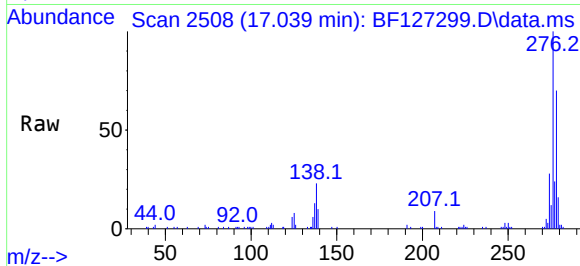
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.997 ng
RT: 17.039 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

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

Tgt Ion:276 Resp: 52892
Ion Ratio Lower Upper
276 100
138 20.7 29.2 43.8
277 24.8 19.8 29.8

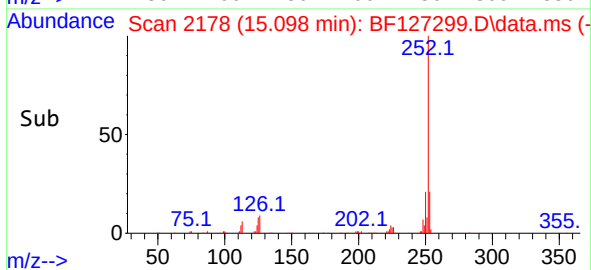
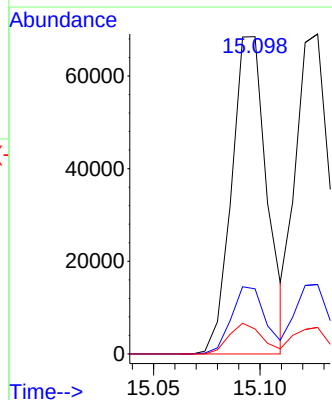
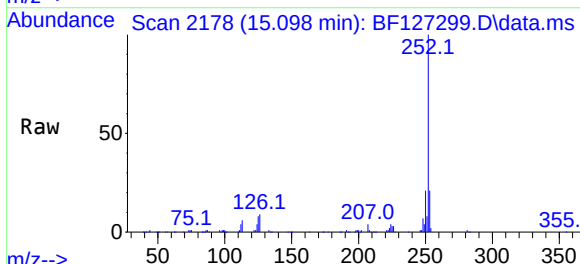
Manual Integrations
APPROVED

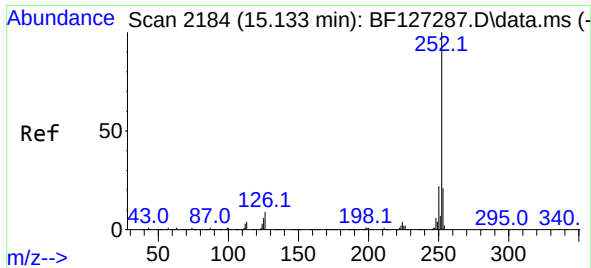
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#88
Benzo(b)fluoranthene
Concen: 5.494 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

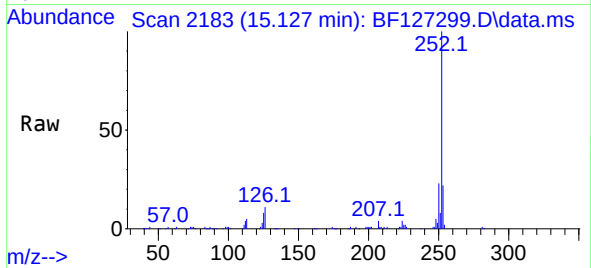
Tgt Ion:252 Resp: 79226
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 7.9 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 5.784 ng
RT: 15.127 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

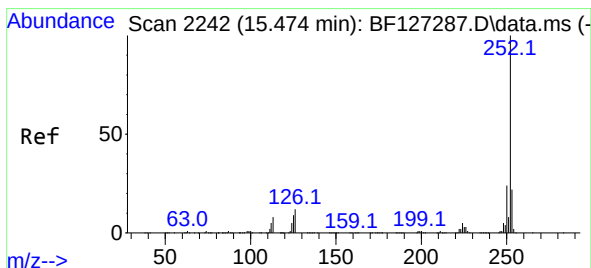
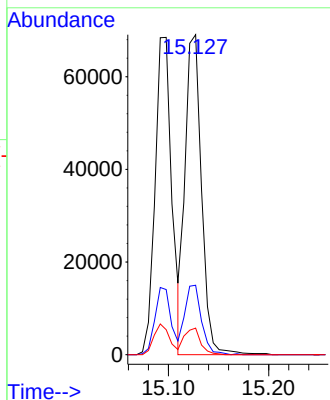
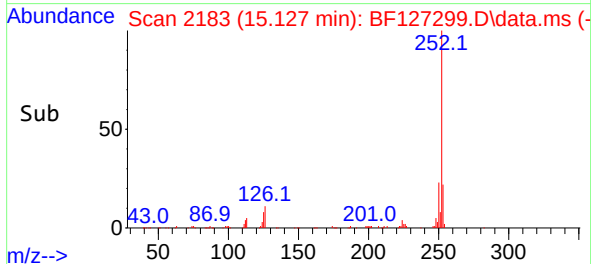
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:252 Resp: 78420
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 11.8 17.6

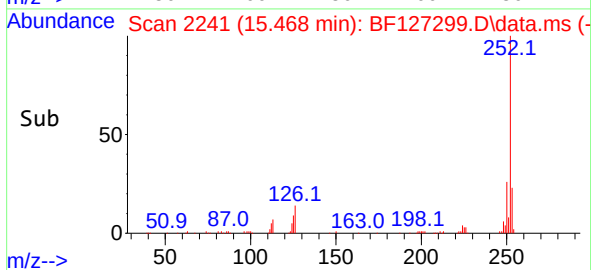
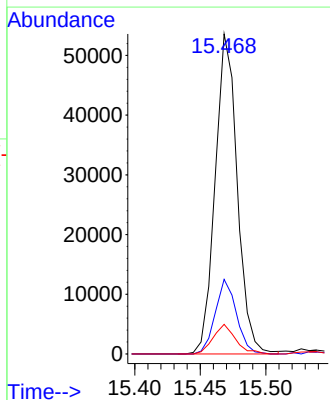
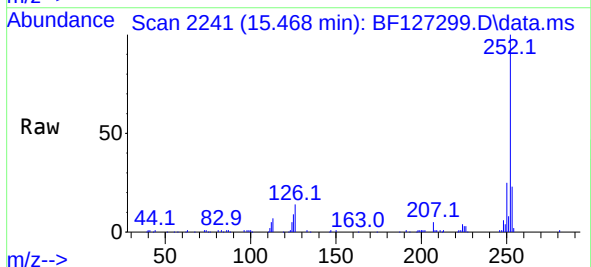
Manual Integrations
APPROVED

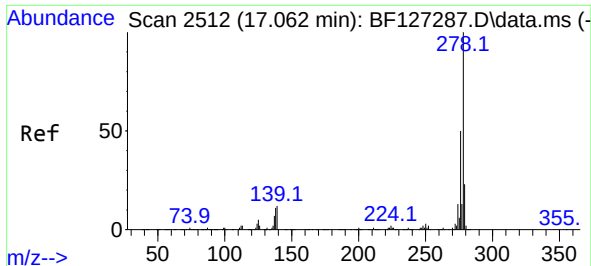
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#90
Benzo(a)pyrene
Concen: 5.525 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:252 Resp: 62742
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 9.2 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 4.173 ng

RT: 17.050 min Scan# 2510

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

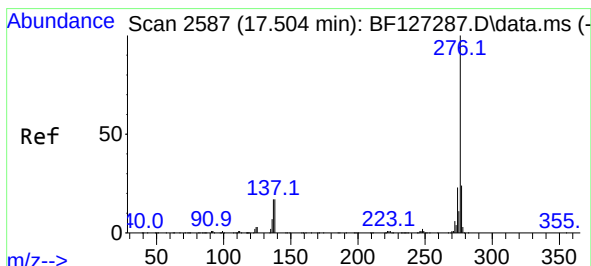
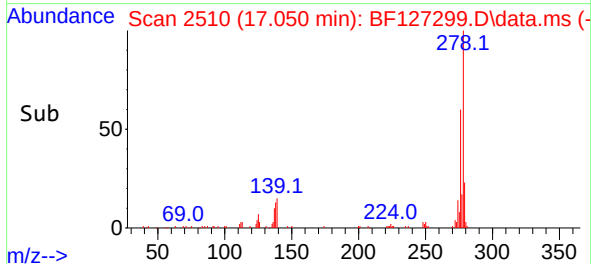
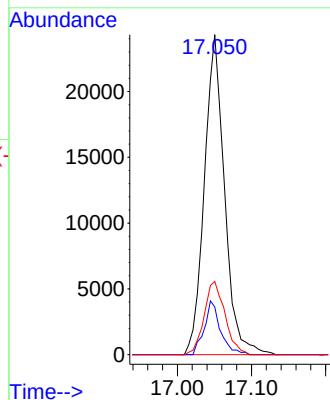
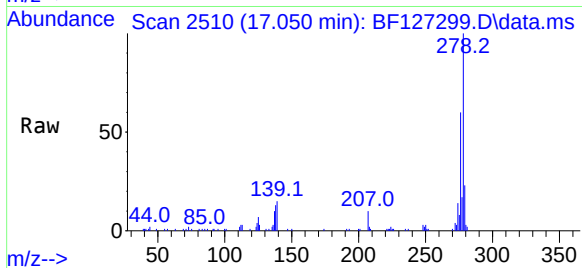
Tgt Ion:278	Resp: 45964
Ion Ratio	Lower Upper
278 100	
139 14.9	18.0 27.0
279 22.9	18.6 27.8

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/14/2022

Supervised By : Jagrut Upadhyay 03/14/2022



#92

Benzo(g,h,i)perylene

Concen: 4.023 ng

RT: 17.492 min Scan# 2585

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Tgt Ion:276	Resp: 43220		
Ion Ratio	Lower	Upper	
276 100			
277 29.6	18.5	27.7#	
138 18.6	25.9	38.9#	

