

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130346.D
 Acq On : 20 Sep 2022 16:07
 Operator : CG\JU
 Sample : N4700-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	117035	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	461611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	243321	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	387152	20.000	ng	0.00
76) Chrysene-d12	13.804	240	222179	20.000	ng	0.00
86) Perylene-d12	15.192	264	214968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	767001	113.670	ng	0.02
7) Phenol-d6	6.310	99	971105	115.021	ng	0.01
23) Nitrobenzene-d5	7.228	82	624781	69.147	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	304727	130.701	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1160733	69.466	ng	0.00
79) Terphenyl-d14	12.757	244	981545	73.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.381	88	109812	35.436	ng	97
3) Pyridine	3.063	79	214713m	26.561	ng	
4) n-Nitrosodimethylamine	3.016	42	164930	37.512	ng	97
6) Aniline	6.357	93	121143	11.645	ng	# 93
8) 2-Chlorophenol	6.445	128	354357	46.102	ng	96
9) Benzaldehyde	6.210	77	203729	36.024	ng	93
10) Phenol	6.322	94	413321	41.774	ng	97
11) bis(2-Chloroethyl)ether	6.404	93	328670	46.055	ng	90
12) 1,3-Dichlorobenzene	6.598	146	380974	45.045	ng	98
13) 1,4-Dichlorobenzene	6.675	146	387934	44.979	ng	99
14) 1,2-Dichlorobenzene	6.828	146	365952	45.421	ng	99
15) Benzyl Alcohol	6.816	79	264580	39.525	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.939	45	407063	39.108	ng	57
17) 2-Methylphenol	6.934	107	280502	44.892	ng	94
18) Hexachloroethane	7.169	117	150440	44.251	ng	98
19) n-Nitroso-di-n-propyla...	7.087	70	241528	42.395	ng	94
20) 3+4-Methylphenols	7.087	107	359839	44.332	ng	# 57
22) Acetophenone	7.075	105	504560	44.708	ng	92
24) Nitrobenzene	7.245	77	373413	40.701	ng	98
25) Isophorone	7.486	82	665989	45.731	ng	99
26) 2-Nitrophenol	7.563	139	188711	50.176	ng	91
27) 2,4-Dimethylphenol	7.610	122	310914	53.690	ng	96
28) bis(2-Chloroethoxy)met...	7.704	93	397900	48.523	ng	99
29) 2,4-Dichlorophenol	7.810	162	295889	46.627	ng	96
30) 1,2,4-Trichlorobenzene	7.886	180	307256	44.784	ng	96
31) Naphthalene	7.963	128	1022755	43.006	ng	99
32) Benzoic acid	7.757	122	205954	45.990	ng	91
33) 4-Chloroaniline	8.075	127	158091	17.478	ng	93
34) Hexachlorobutadiene	8.081	225	197584	45.062	ng	100
35) Caprolactam	8.410	113	91926m	50.530	ng	
36) 4-Chloro-3-methylphenol	8.516	107	325831	46.323	ng	98
37) 2-Methylnaphthalene	8.657	142	669864	44.178	ng	97
38) 1-Methylnaphthalene	8.757	142	641710	44.055	ng	98
40) 1,2,4,5-Tetrachloroben...	8.822	216	308460	46.452	ng	99
41) Hexachlorocyclopentadiene	8.810	237	402063	113.092	ng	98
43) 2,4,6-Trichlorophenol	8.939	196	212350	45.821	ng	95

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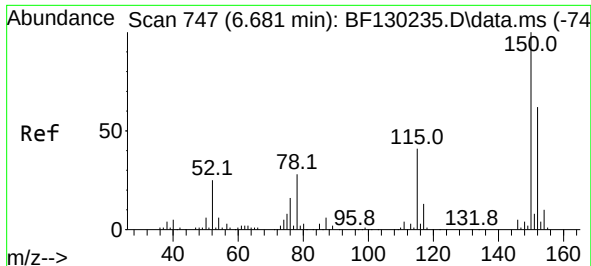
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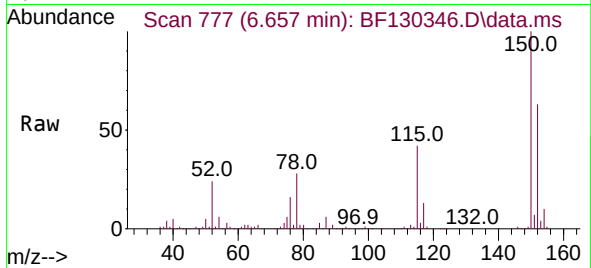
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	228099	45.611	ng	97
46) 1,1'-Biphenyl	9.122	154	827259	45.523	ng	99
47) 2-Chloronaphthalene	9.145	162	648913	44.143	ng	98
48) 2-Nitroaniline	9.245	65	200860	40.967	ng	95
49) Acenaphthylene	9.557	152	981495	44.531	ng	99
50) Dimethylphthalate	9.433	163	763172	45.406	ng	98
51) 2,6-Dinitrotoluene	9.492	165	165444	47.067	ng	# 82
52) Acenaphthene	9.728	154	714491m	49.338	ng	
53) 3-Nitroaniline	9.663	138	131400	33.548	ng	94
54) 2,4-Dinitrophenol	9.769	184	186591	96.459	ng	# 83
55) Dibenzofuran	9.904	168	877566	43.567	ng	96
56) 4-Nitrophenol	9.839	139	253066	88.707	ng	# 81
57) 2,4-Dinitrotoluene	9.892	165	217938	48.513	ng	93
58) Fluorene	10.245	166	715008	43.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	174401	44.554	ng	94
60) Diethylphthalate	10.128	149	753651	44.715	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	329968	45.661	ng	95
62) 4-Nitroaniline	10.275	138	153080	38.905	ng	97
63) Azobenzene	10.398	77	677500	39.037	ng	95
65) 4,6-Dinitro-2-methylph...	10.298	198	114009	52.901	ng	82
66) n-Nitrosodiphenylamine	10.363	169	599416	46.332	ng	99
67) 4-Bromophenyl-phenylether	10.727	248	211136	49.436	ng	91
68) Hexachlorobenzene	10.786	284	233988	48.331	ng	96
69) Atrazine	10.892	200	185863	49.160	ng	97
70) Pentachlorophenol	10.986	266	245416	94.452	ng	99
71) Phenanthrene	11.204	178	1068030	49.136	ng	99
72) Anthracene	11.251	178	962448	45.883	ng	100
73) Carbazole	11.410	167	833682	44.039	ng	99
74) Di-n-butylphthalate	11.745	149	1087032	47.618	ng	99
75) Fluoranthene	12.386	202	1086050	51.707	ng	97
78) Pyrene	12.610	202	1072132	55.161	ng	99
80) Butylbenzylphthalate	13.239	149	371323	51.570	ng	92
81) Benzo(a)anthracene	13.792	228	767100	51.900	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	193318	48.049	ng	100
83) Chrysene	13.833	228	724020	51.590	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	505186	61.253	ng	# 98
85) Di-n-octyl phthalate	14.410	149	742410	58.853	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	726869	47.681	ng	98
88) Benzo(b)fluoranthene	14.810	252	811736	57.854	ng	98
89) Benzo(k)fluoranthene	14.833	252	650306	47.116	ng	99
90) Benzo(a)pyrene	15.139	252	660050	59.379	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	597030	47.741	ng	97
92) Benzo(g,h,i)perylene	16.927	276	607657	48.236	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

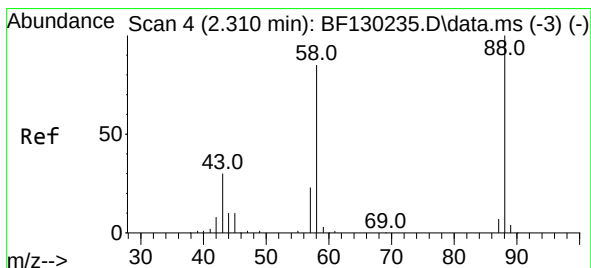
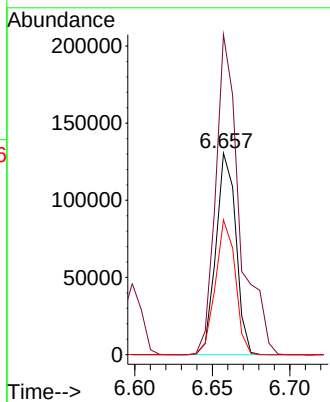
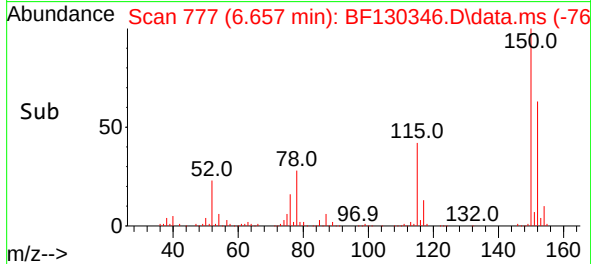
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:152 Resp: 117035
Ion Ratio Lower Upper
152 100
150 158.8 122.8 184.2
115 66.9 53.8 80.8

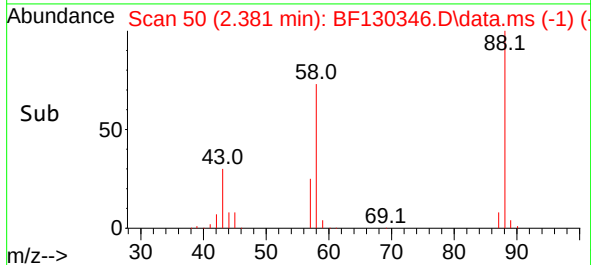
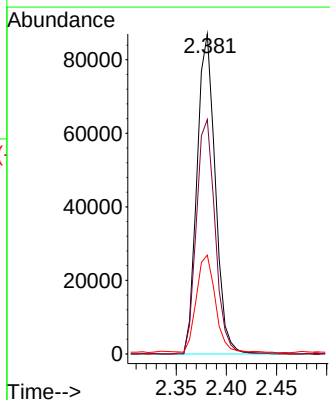
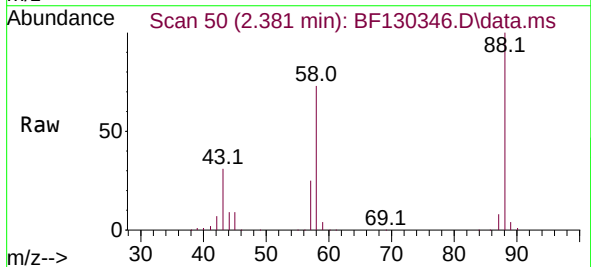
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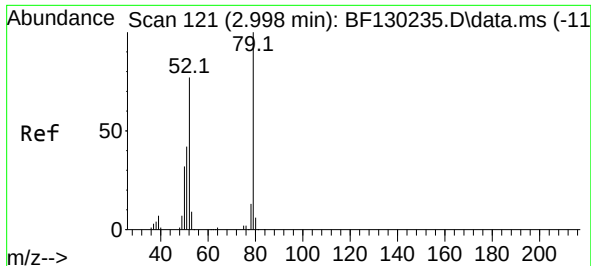
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#2
1,4-Dioxane
Concen: 35.436 ng
RT: 2.381 min Scan# 50
Delta R.T. 0.094 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion: 88 Resp: 109812
Ion Ratio Lower Upper
88 100
58 75.4 61.3 91.9
43 32.2 23.0 34.6





#3

Pyridine

Concen: 26.561 ng m

RT: 3.063 min Scan# 10

Delta R.T. 0.094 min

Lab File: BF130346.D

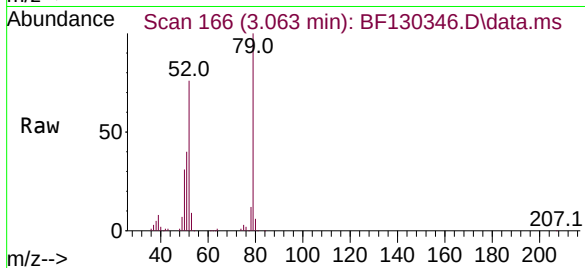
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Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

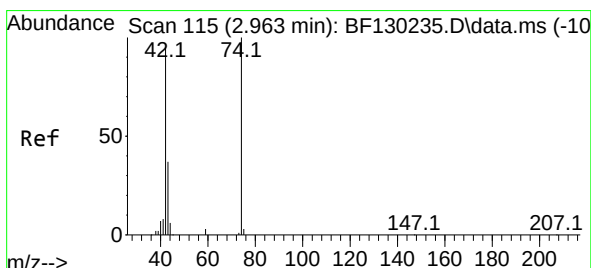
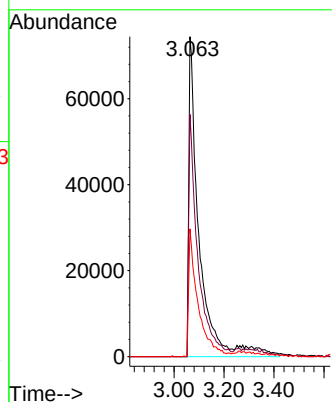
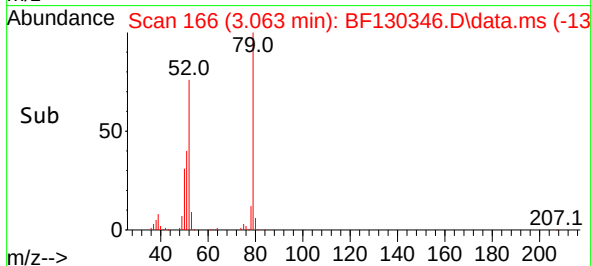


Tgt Ion:	79	Resp:	214713
Ion Ratio	Lower	Upper	
79	100		
52	75.7	62.4	93.6
51	39.9	32.2	48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.512 ng

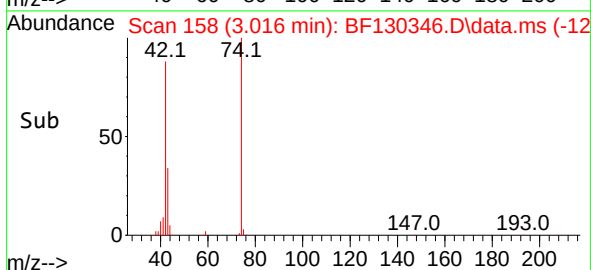
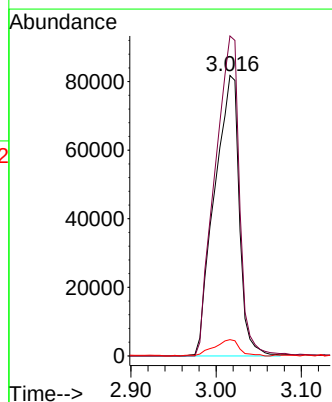
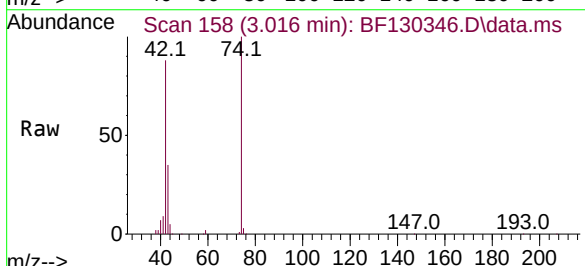
RT: 3.016 min Scan# 158

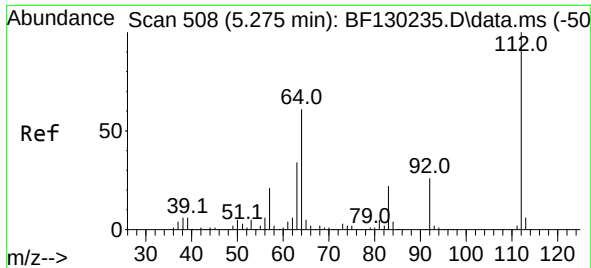
Delta R.T. 0.076 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion:	42	Resp:	164930
Ion Ratio	Lower	Upper	
42	100		
74	114.1	88.4	132.6
44	5.8	5.0	7.4





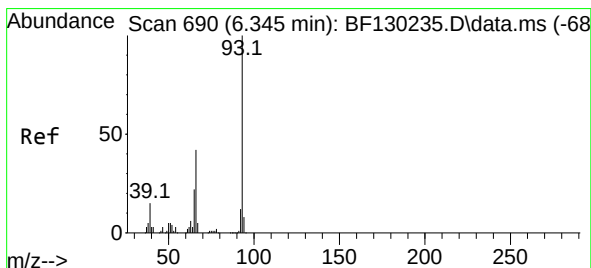
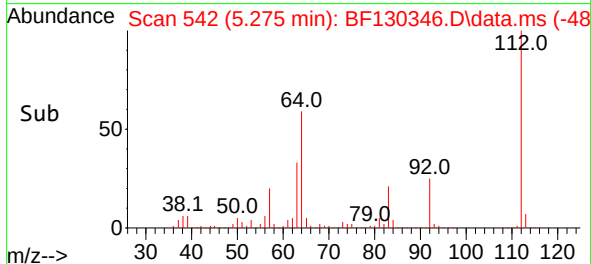
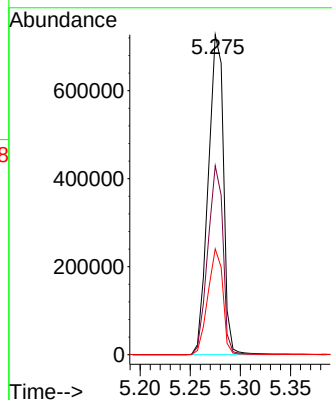
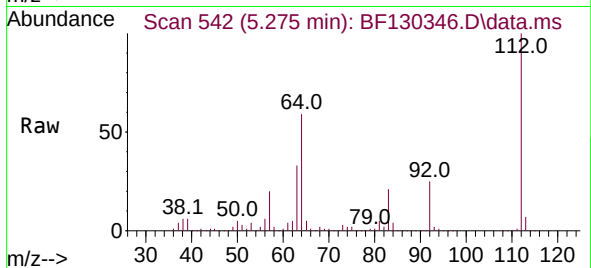
#5
2-Fluorophenol
Concen: 113.670 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :
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ClientSampleId :
ROLLOFF-SOILMS

Tgt Ion:112 Resp: 767001
Ion Ratio Lower Upper
112 100
64 59.0 51.4 77.0
63 33.0 28.8 43.2

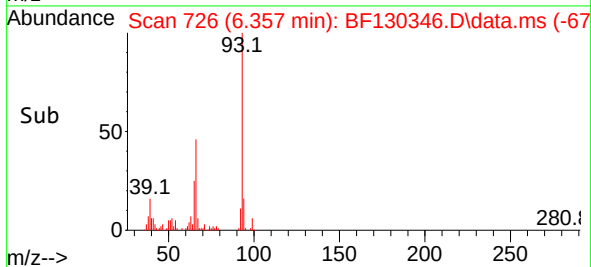
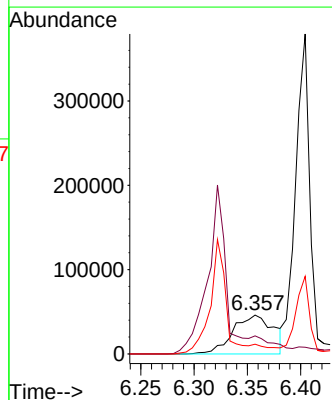
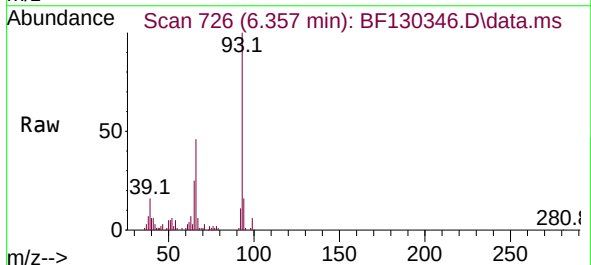
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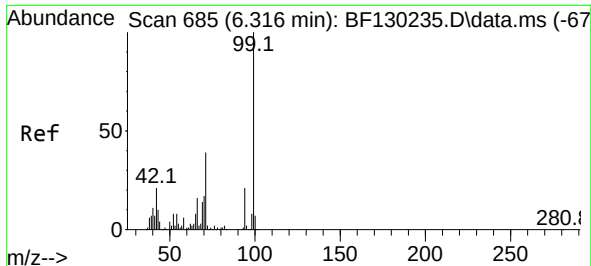
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#6
Aniline
Concen: 11.645 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.029 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

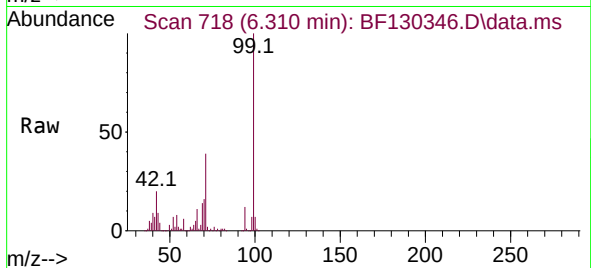
Tgt Ion: 93 Resp: 121143
Ion Ratio Lower Upper
93 100
66 46.3 34.2 51.4
65 24.9 16.6 24.8#





#7
Phenol-d6
Concen: 115.021 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

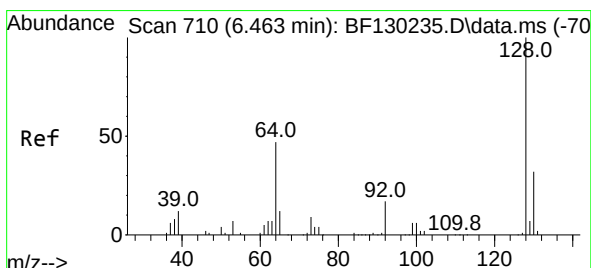
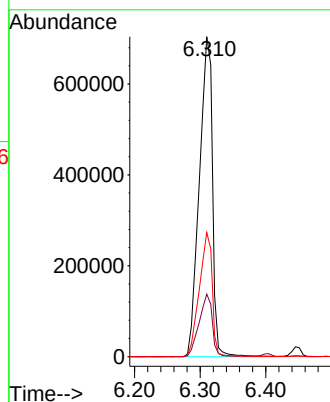
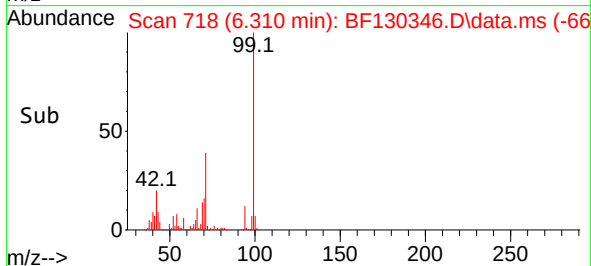
Instrument :
BNA_F
ClientSampleId :
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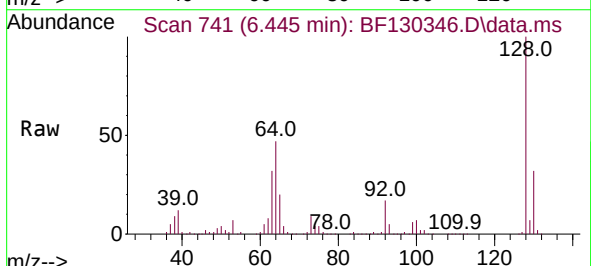
Tgt Ion: 99 Resp: 971105
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 38.8 32.3 48.5

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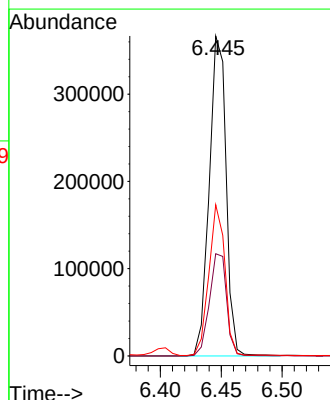
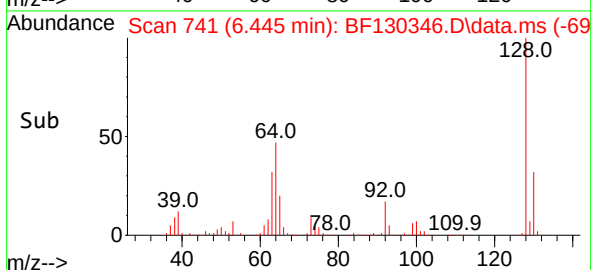
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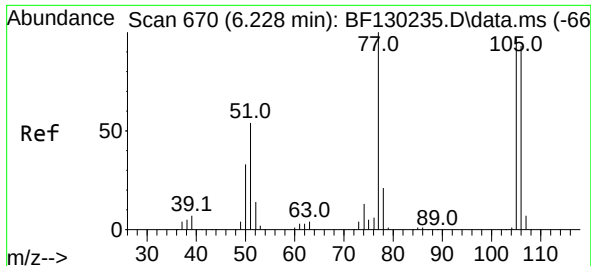


#8
2-Chlorophenol
Concen: 46.102 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



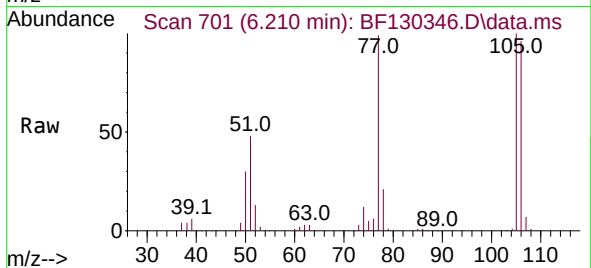
Tgt Ion:128 Resp: 354357
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 47.2 31.6 71.6





#9
Benzaldehyde
Concen: 36.024 ng
RT: 6.210 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

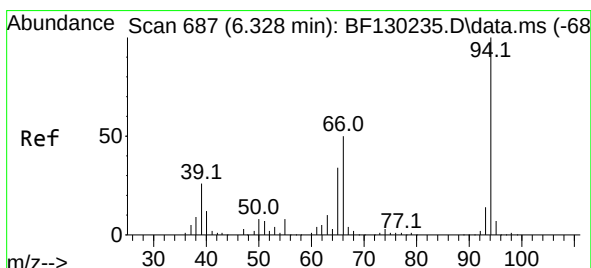
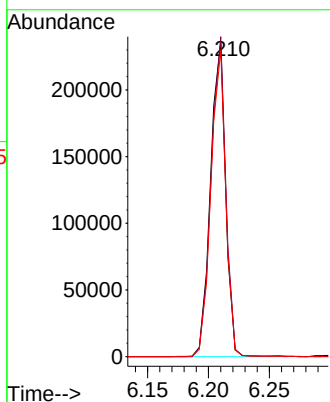
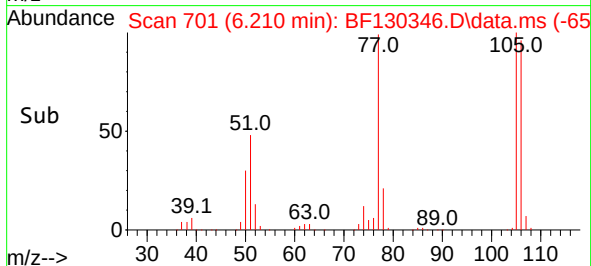
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion: 77 Resp: 203729
Ion Ratio Lower Upper
77 100
105 101.4 75.1 115.1
106 97.2 69.7 109.7

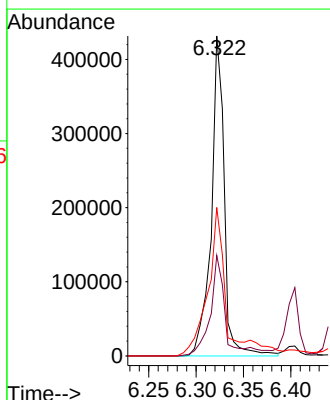
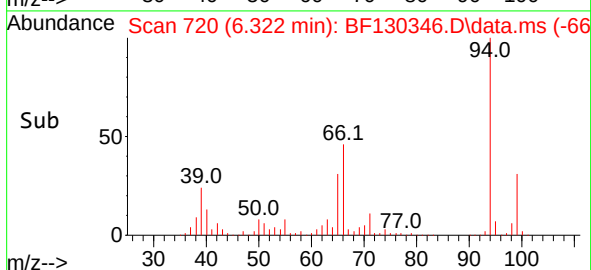
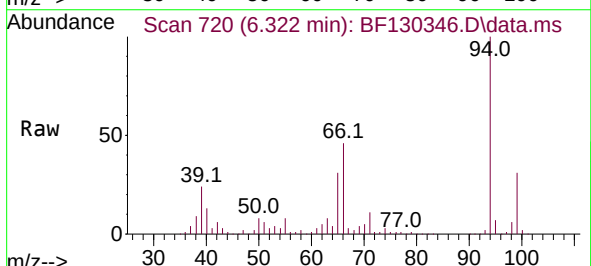
Manual Integrations
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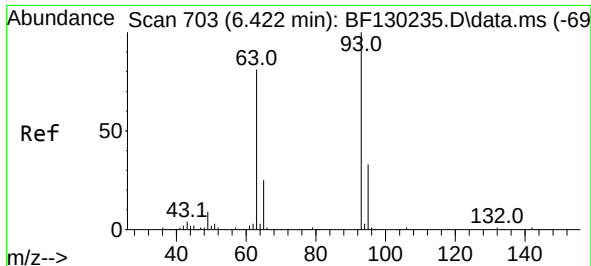
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#10
Phenol
Concen: 41.774 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

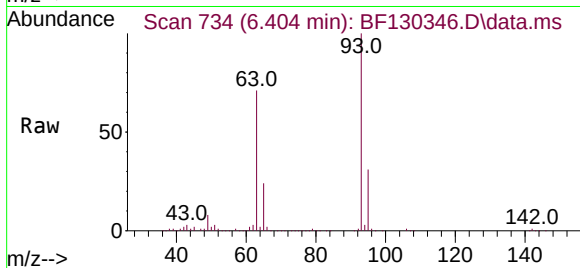
Tgt Ion: 94 Resp: 413321
Ion Ratio Lower Upper
94 100
65 31.4 14.1 54.1
66 46.4 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 46.055 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

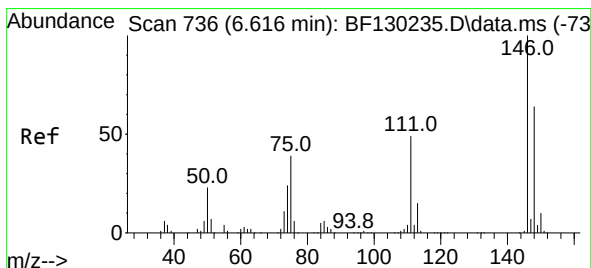
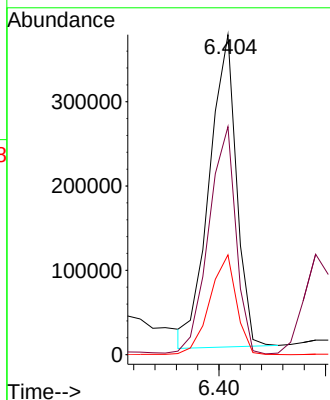
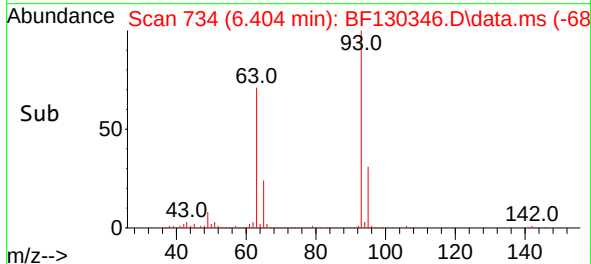
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion: 93 Resp: 328676
Ion Ratio Lower Upper
93 100
63 71.2 62.5 102.5
95 31.2 12.5 52.5

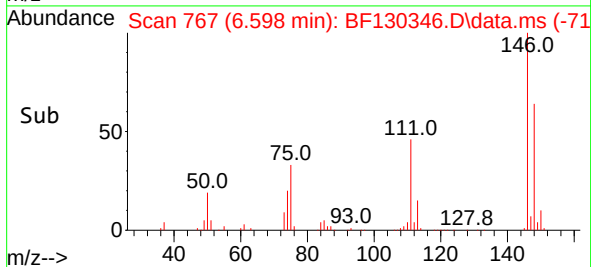
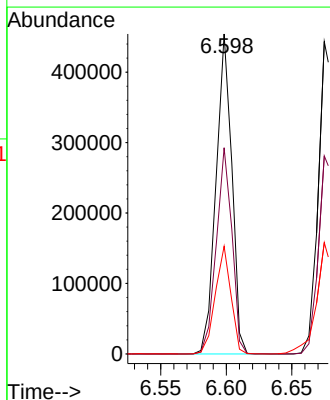
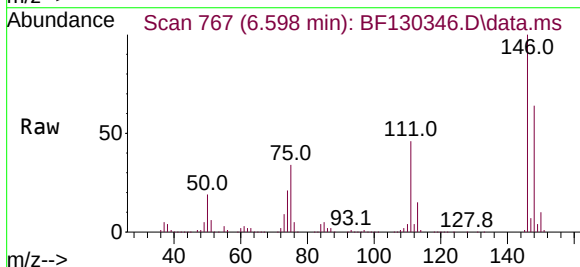
Manual Integrations
APPROVED

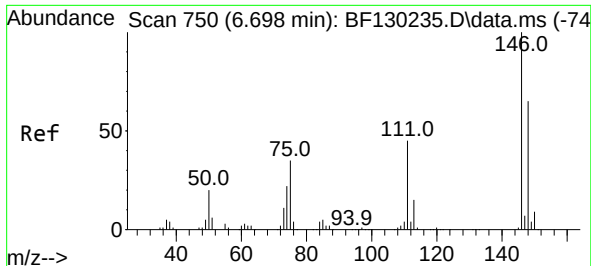
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#12
1,3-Dichlorobenzene
Concen: 45.045 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

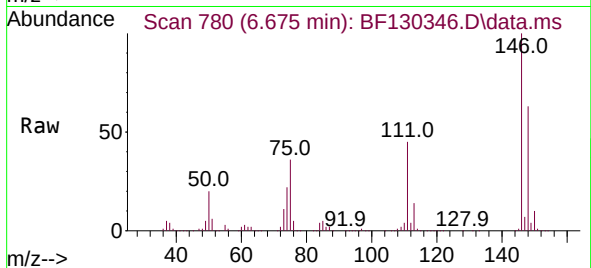
Tgt Ion:146 Resp: 380974
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 33.7 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 44.979 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

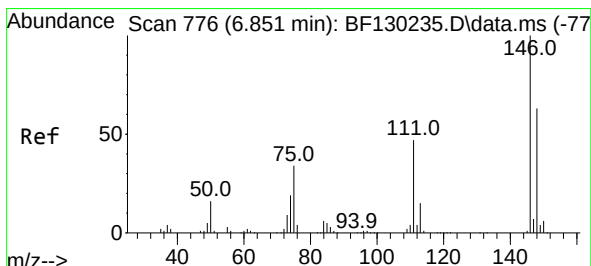
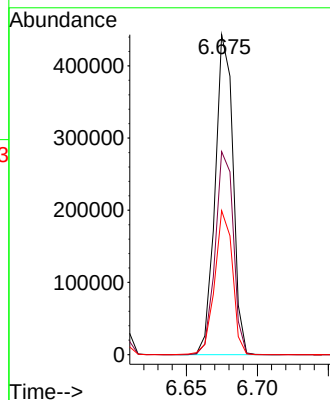
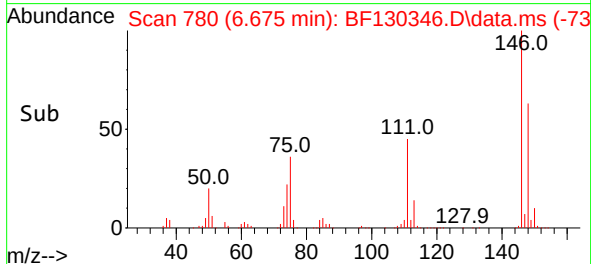
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



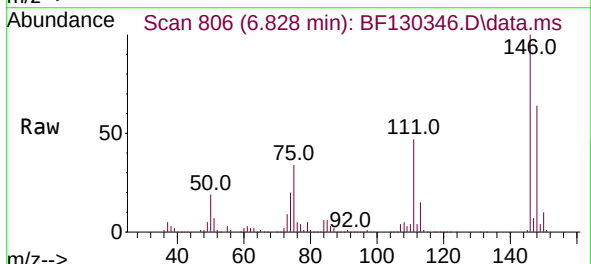
Tgt Ion:146 Resp: 387934
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 45.0 36.3 54.5

Manual Integrations
APPROVED

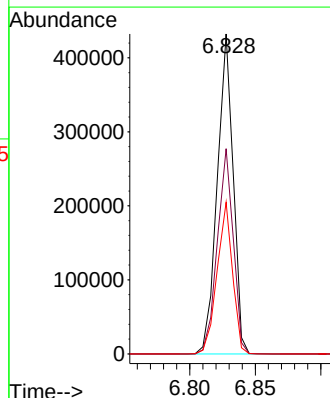
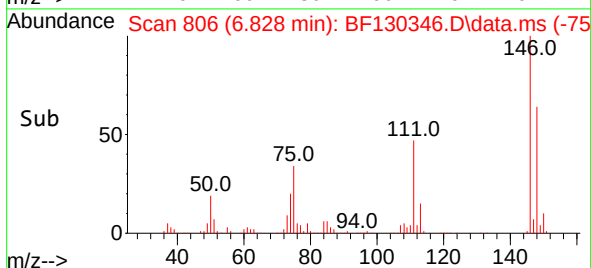
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

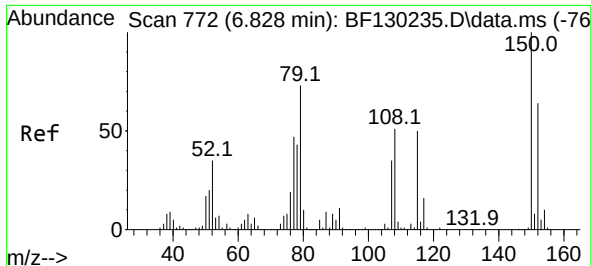


#14
1,2-Dichlorobenzene
Concen: 45.421 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



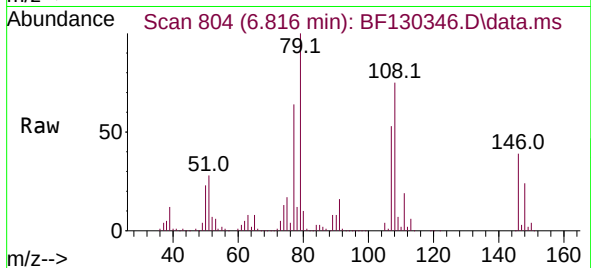
Tgt Ion:146 Resp: 365952
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 47.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 39.525 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

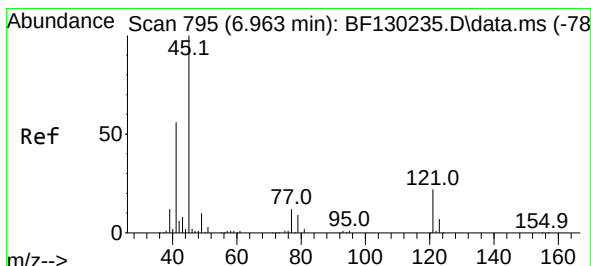
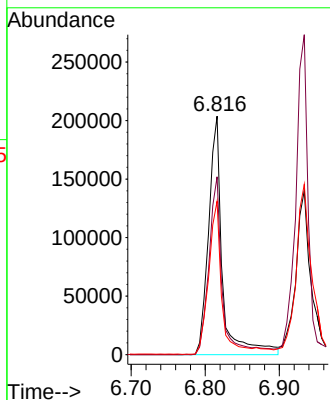
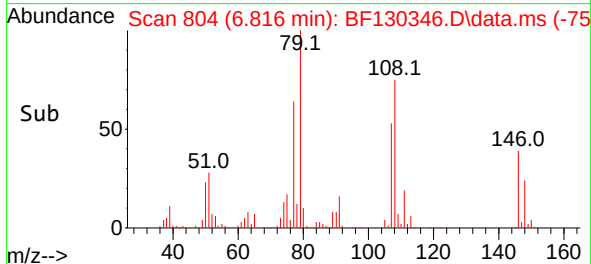
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



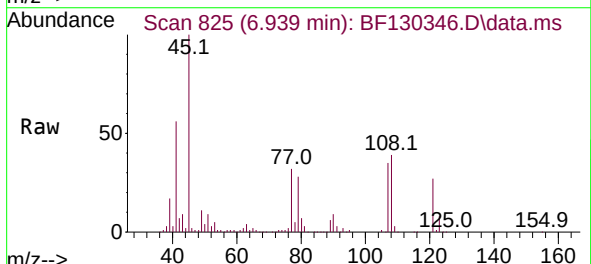
Tgt Ion: 79 Resp: 264580
Ion Ratio Lower Upper
79 100
108 74.6 54.0 81.0
77 64.3 51.3 76.9

Manual Integrations
APPROVED

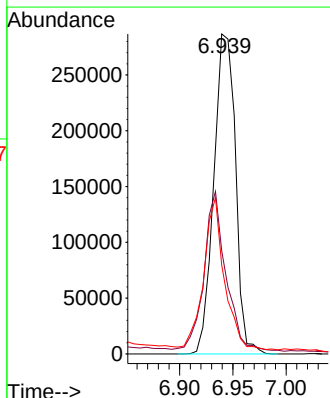
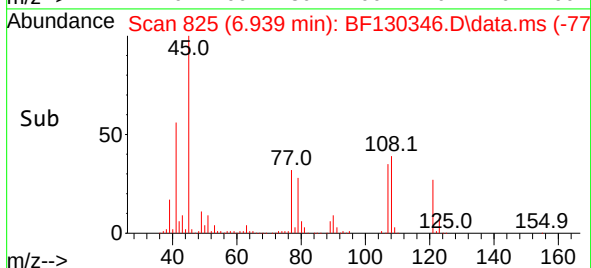
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

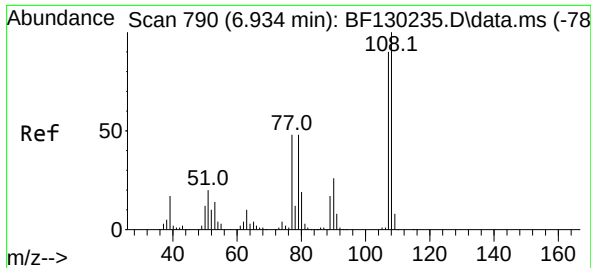


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.108 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



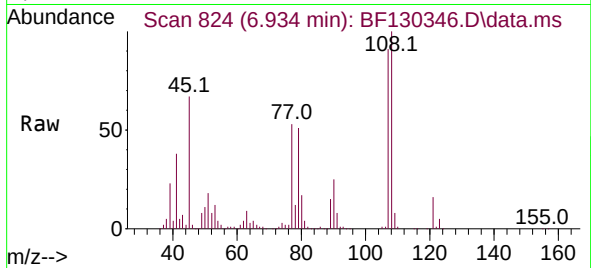
Tgt Ion: 45 Resp: 407063
Ion Ratio Lower Upper
45 100
77 32.2 0.0 34.9
79 27.7 0.0 31.0





#17
2-Methylphenol
Concen: 44.892 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

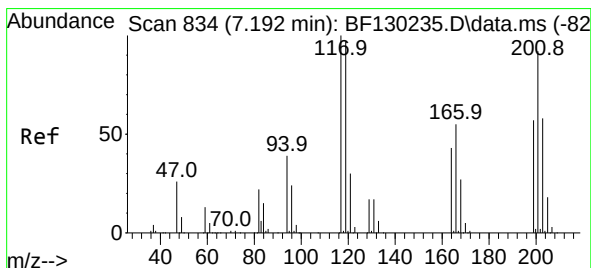
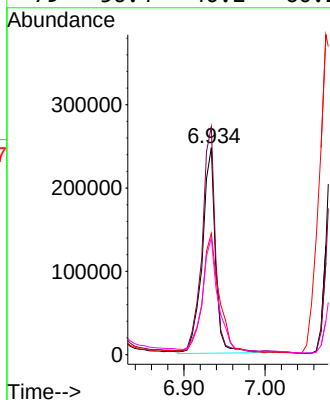
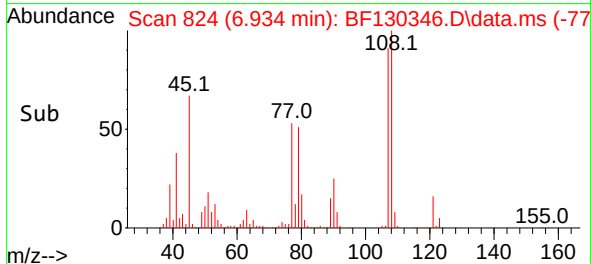


Tgt Ion:107 Resp: 280502

Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.4	134.0
77	58.6	40.6	60.8
79	56.4	40.2	60.2

Manual Integrations
APPROVED

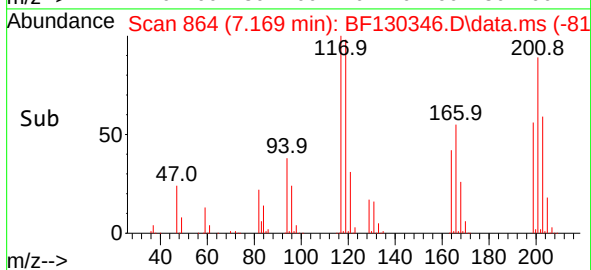
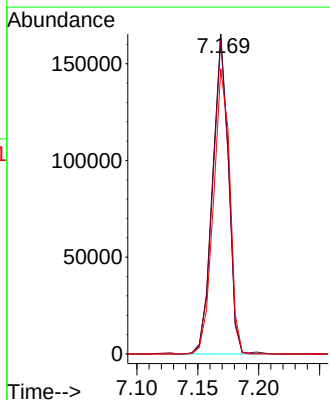
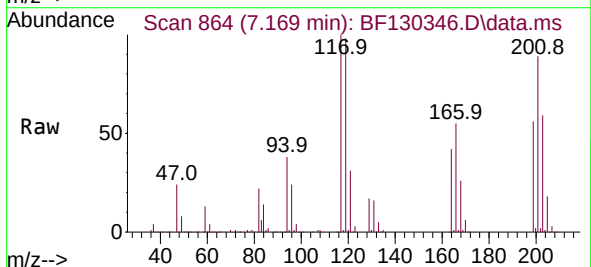
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

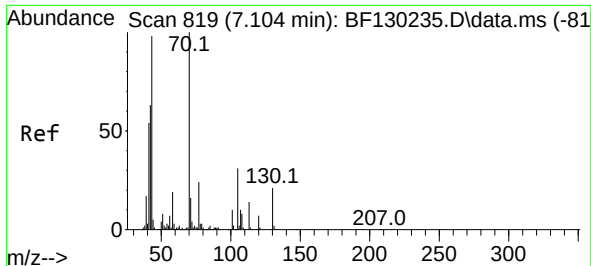


#18
Hexachloroethane
Concen: 44.251 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:117 Resp: 150440

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.6
201	89.1	68.7	103.1





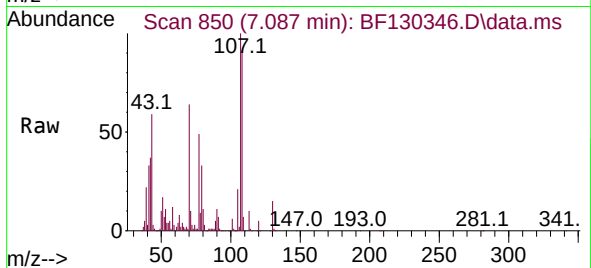
#19
n-Nitroso-di-n-propylamine
Concen: 42.395 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

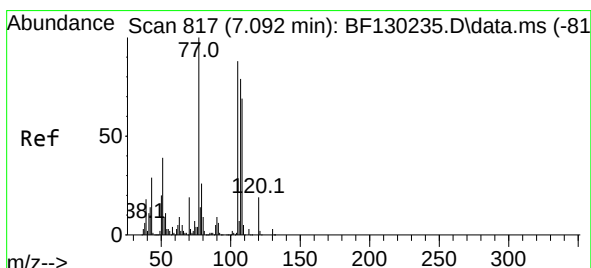
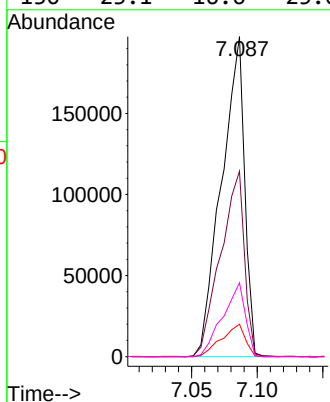
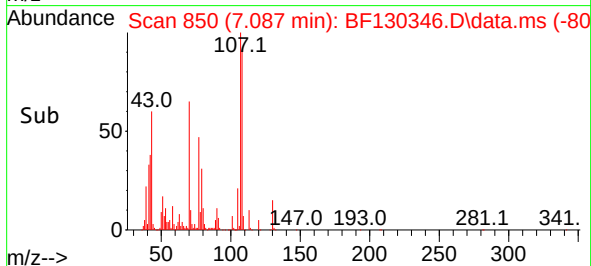


Tgt Ion: 70 Resp: 241528
Ion Ratio Lower Upper
70 100
42 57.9 50.8 76.2
101 10.1 8.2 12.4
130 23.1 16.6 25.0

Manual Integrations

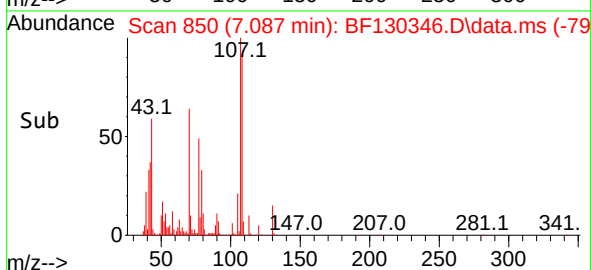
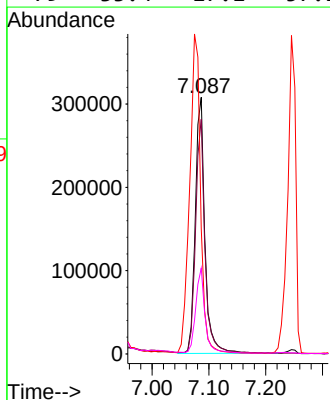
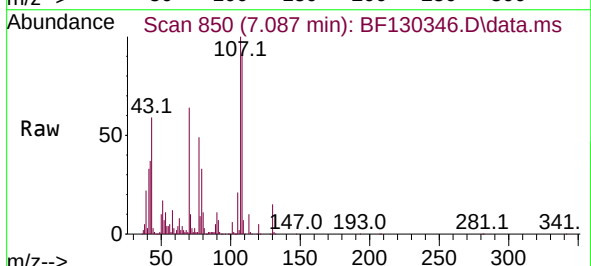
APPROVED

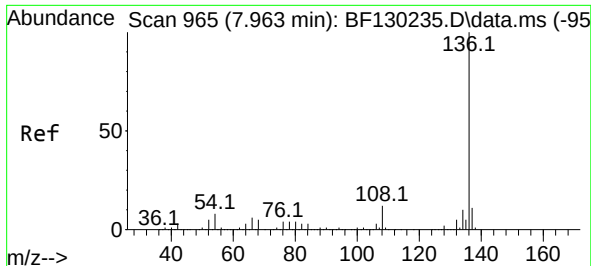
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#20
3+4-Methylphenols
Concen: 44.332 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

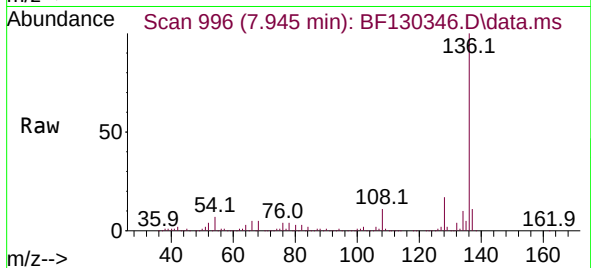
Tgt Ion:107 Resp: 359839
Ion Ratio Lower Upper
107 100
108 91.5 74.8 114.8
77 48.9 125.8 165.8#
79 33.4 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

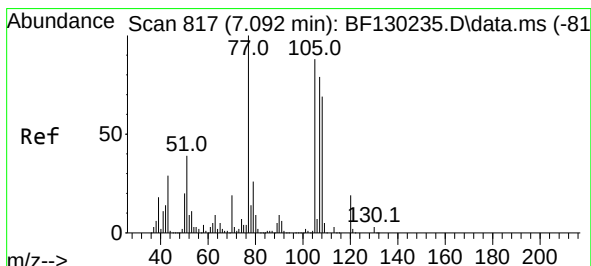
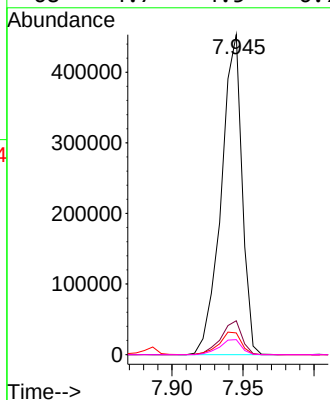
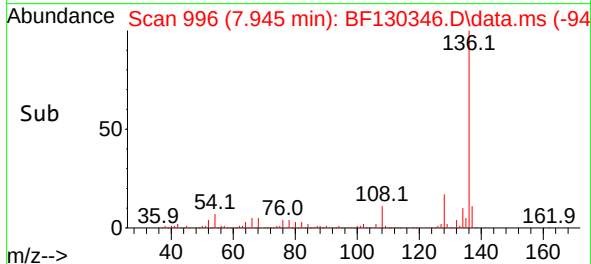
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:136 Resp: 461611
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.8 7.1 10.7
68 4.7 4.5 6.7

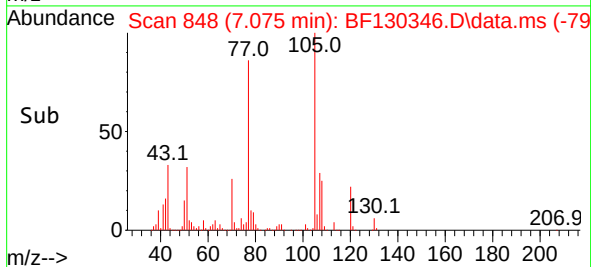
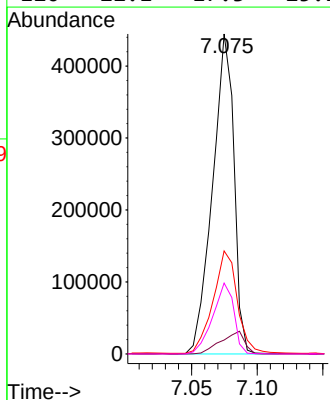
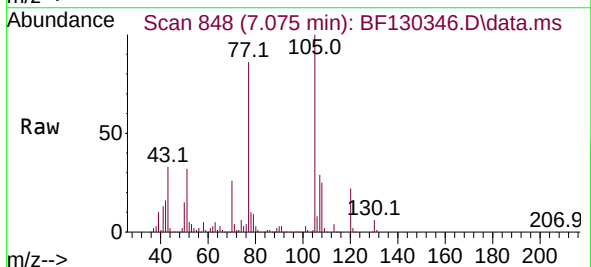
Manual Integrations
APPROVED

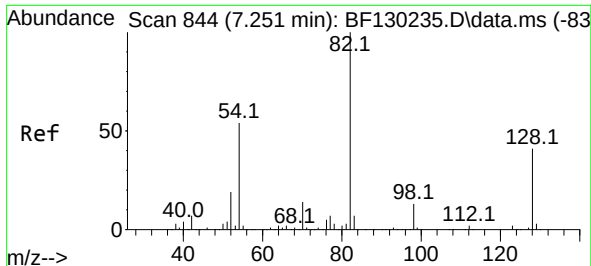
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#22
Acetophenone
Concen: 44.708 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:105 Resp: 504560
Ion Ratio Lower Upper
105 100
71 4.3 3.9 5.9
51 32.2 32.2 48.2
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 69.147 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130346.D

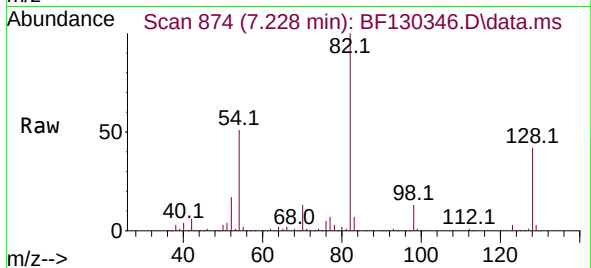
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS



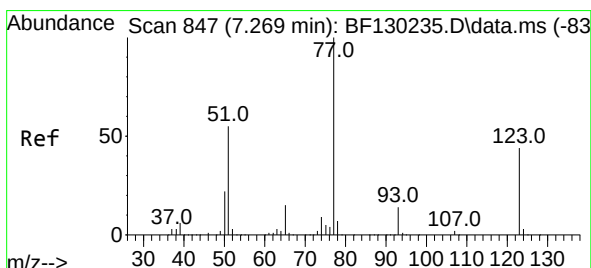
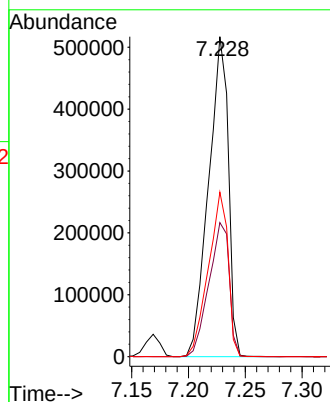
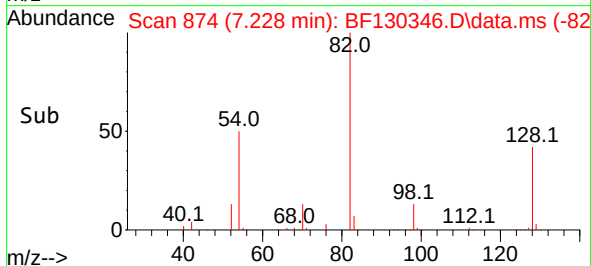
Tgt Ion: 82 Resp: 624781

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.6	49.0
54	51.4	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#24

Nitrobenzene

Concen: 40.701 ng

RT: 7.245 min Scan# 877

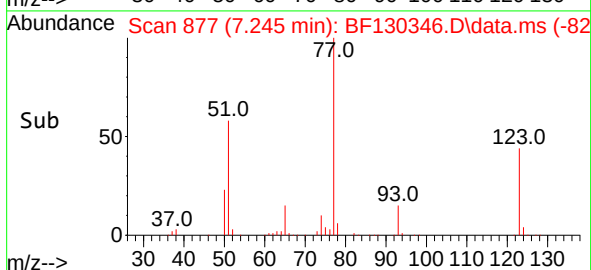
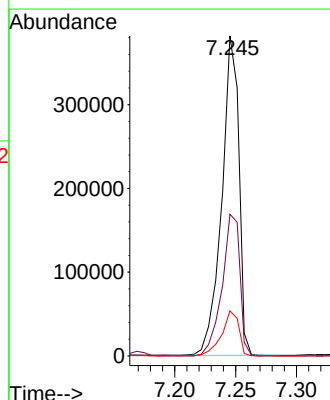
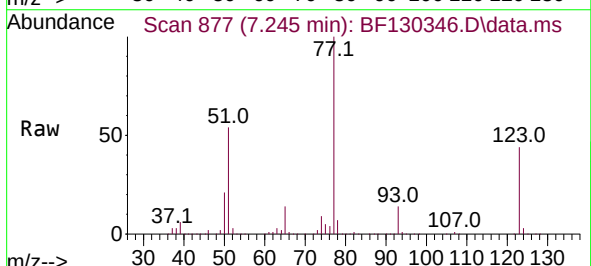
Delta R.T. -0.006 min

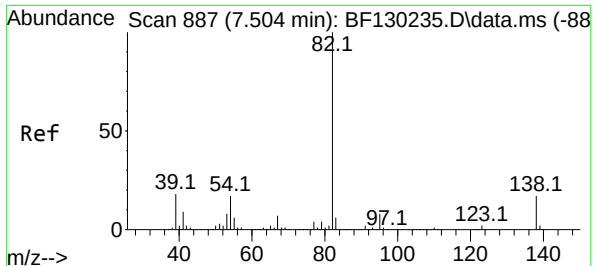
Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion: 77 Resp: 373413

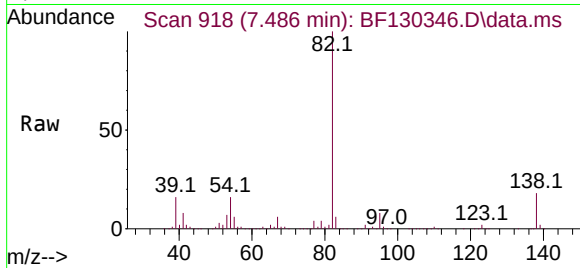
Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.3	51.5
65	14.1	12.0	18.0





#25
Isophorone
Concen: 45.731 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

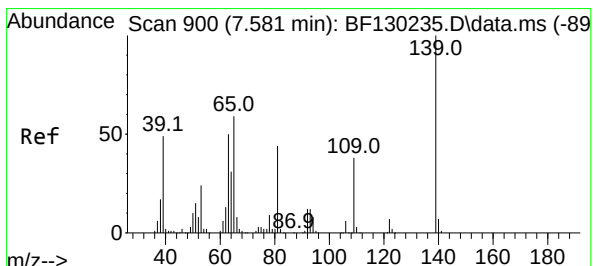
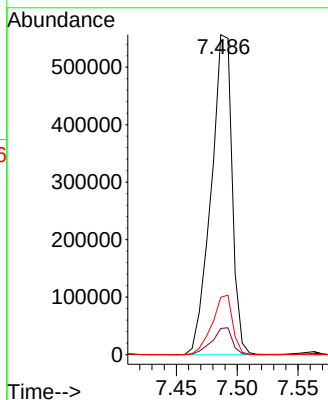
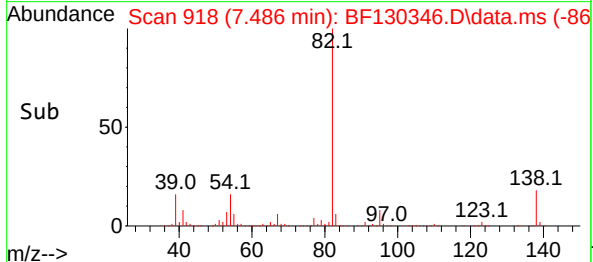
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion: 82 Resp: 665989
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.9 13.8 20.6

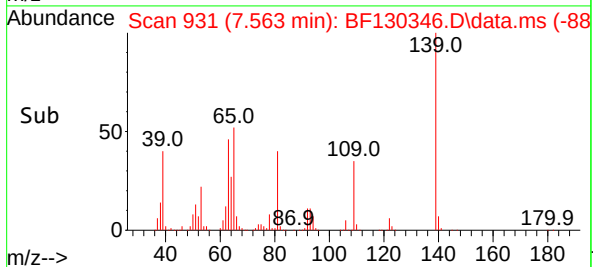
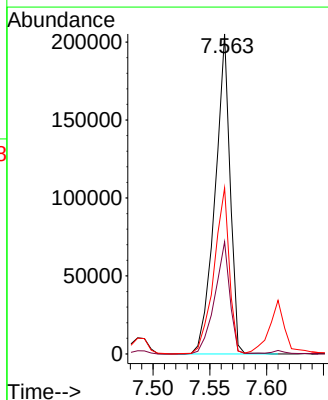
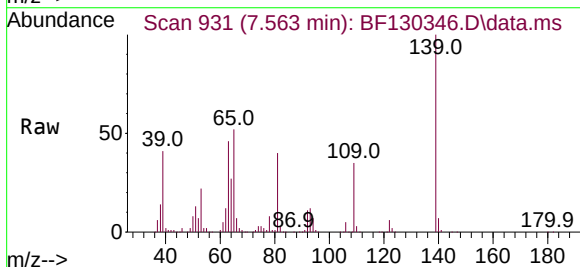
Manual Integrations
APPROVED

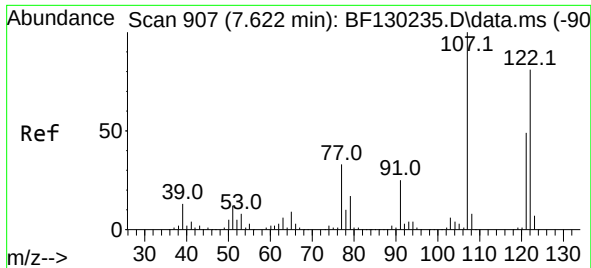
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#26
2-Nitrophenol
Concen: 50.176 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:139 Resp: 188711
Ion Ratio Lower Upper
139 100
109 35.0 30.2 45.4
65 51.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 53.690 ng

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130346.D

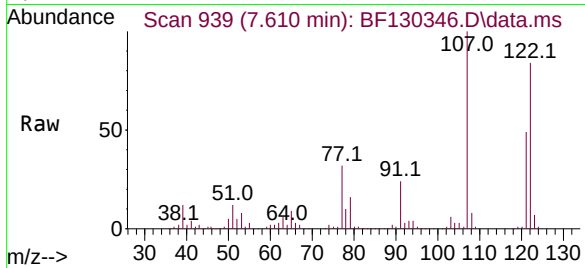
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS



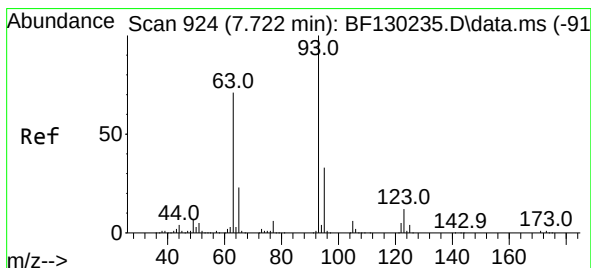
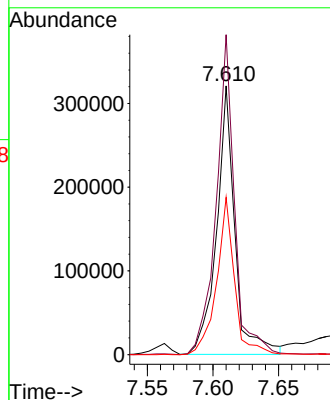
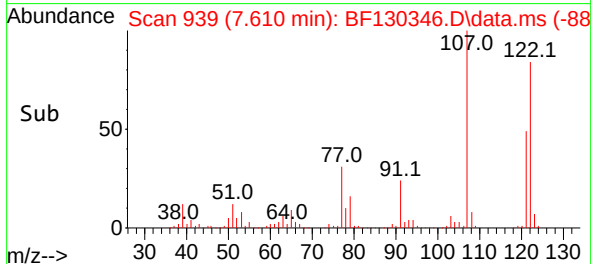
Tgt Ion:	122	Resp:	310914
Ion Ratio	Lower	Upper	
122	100		
107	119.1	100.2	150.2
121	58.5	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.523 ng

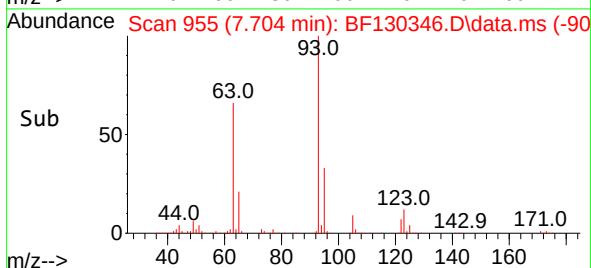
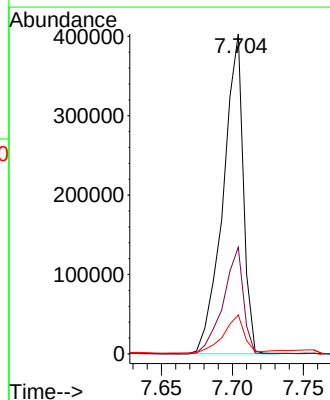
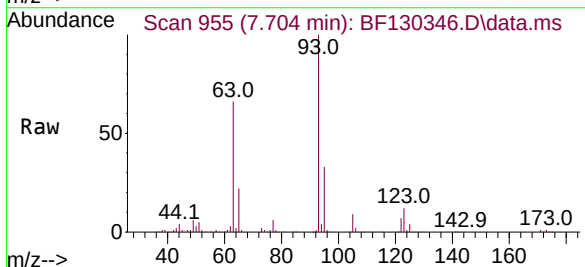
RT: 7.704 min Scan# 955

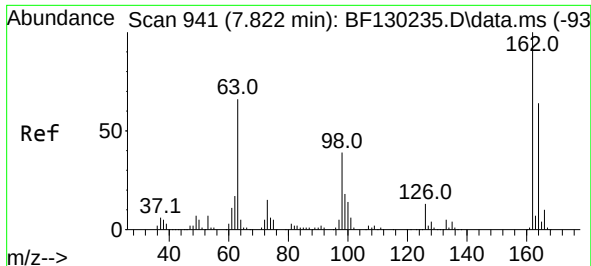
Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion:	93	Resp:	397900
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.2	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 46.627 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

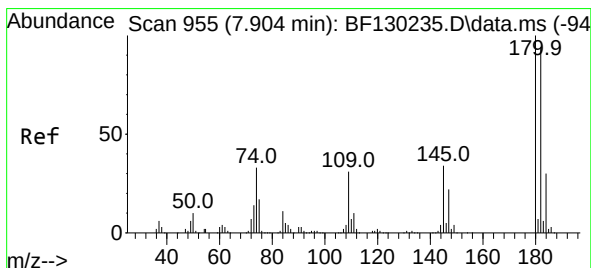
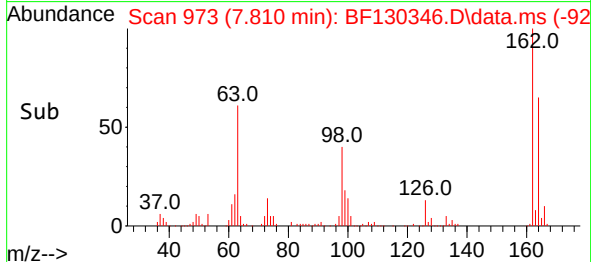
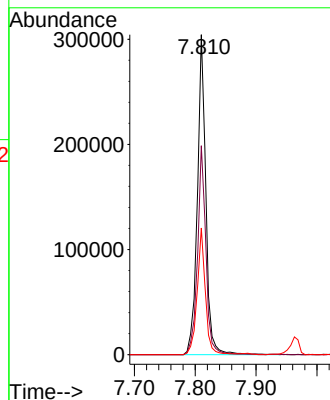
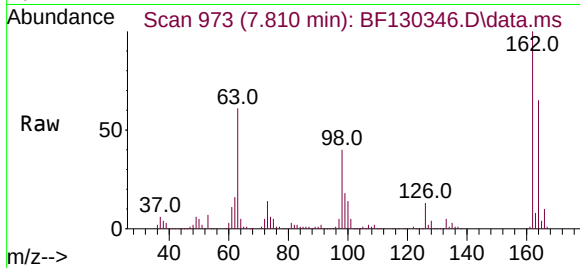
Tgt Ion:162	Resp:	295889
Ion Ratio	Lower	Upper
162	100	
164	65.3	42.2 82.2
98	39.6	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.784 ng

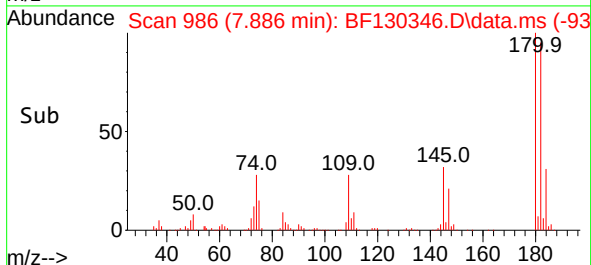
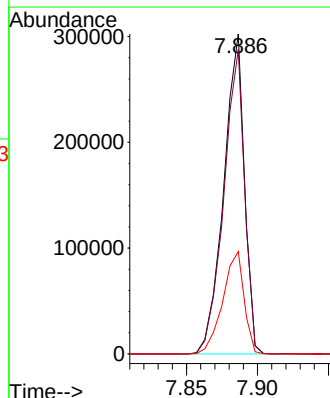
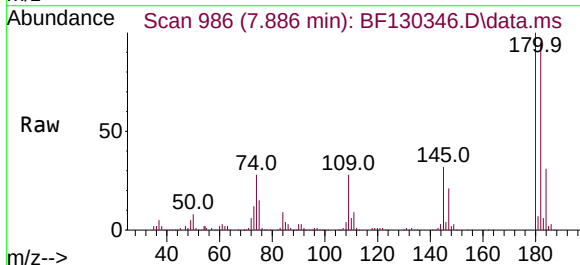
RT: 7.886 min Scan# 986

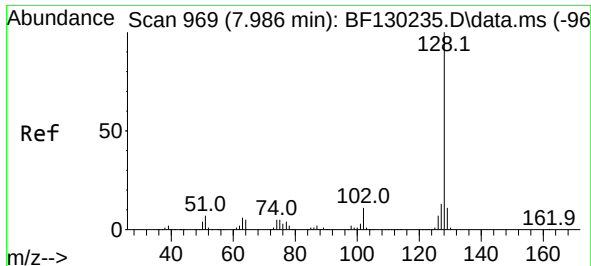
Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

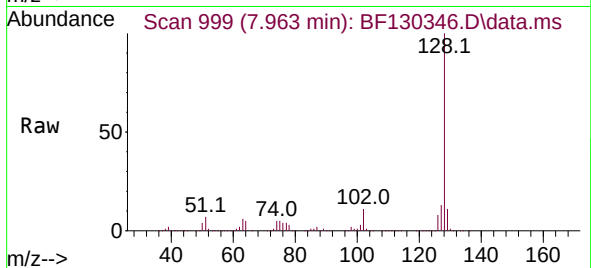
Tgt Ion:180	Resp:	307256
Ion Ratio	Lower	Upper
180	100	
182	95.1	73.3 109.9
145	32.0	28.3 42.5





#31
Naphthalene
Concen: 43.006 ng
RT: 7.963 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

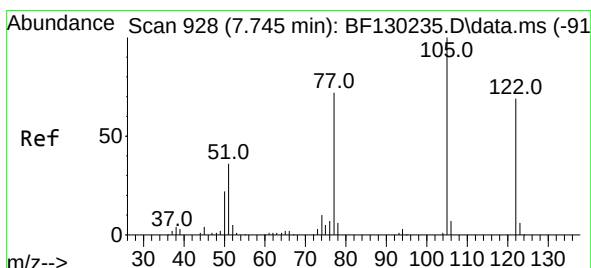
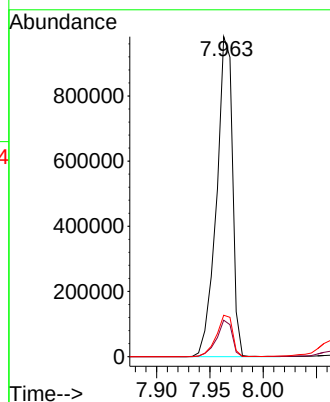
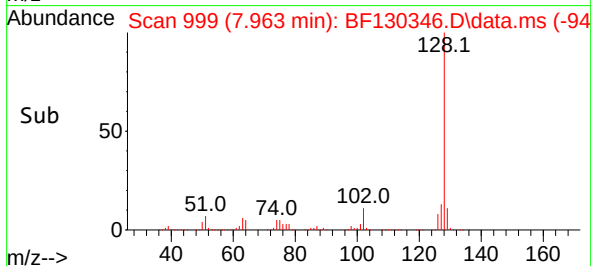
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:128 Resp: 102275
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 10.6 16.0

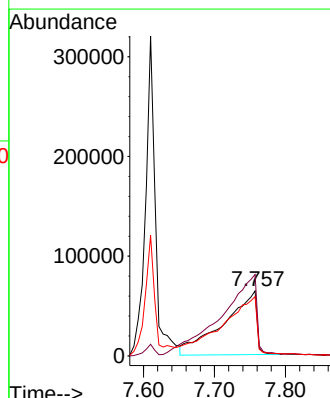
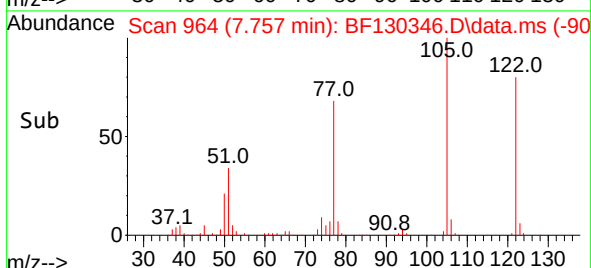
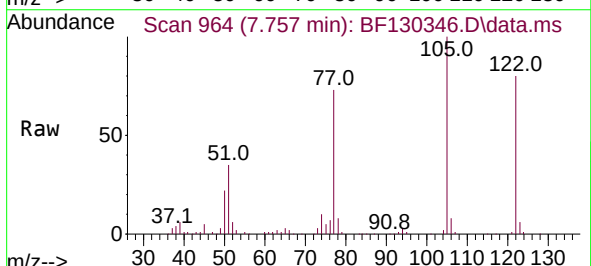
Manual Integrations
APPROVED

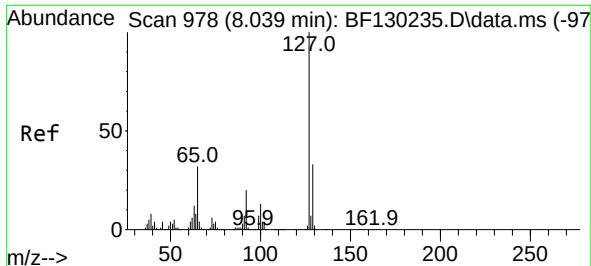
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#32
Benzoic acid
Concen: 45.990 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.024 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

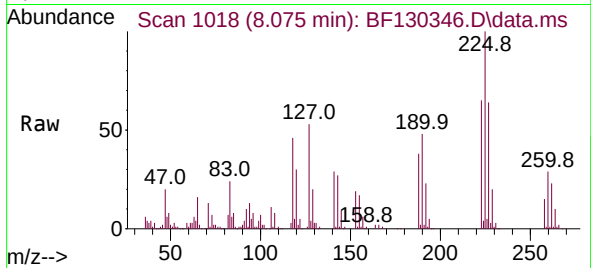
Tgt Ion:122 Resp: 205954
Ion Ratio Lower Upper
122 100
105 125.0 112.9 152.9
77 91.1 82.8 122.8





#33
4-Chloroaniline
Concen: 17.478 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.053 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

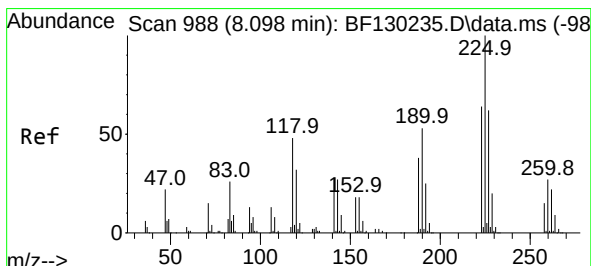
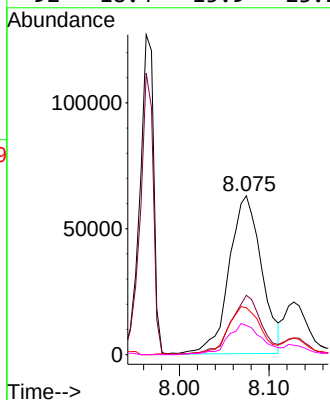
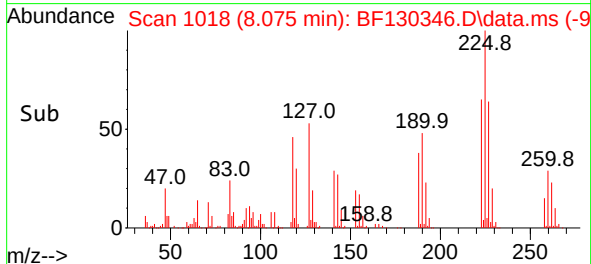
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:127 Resp: 158091
Ion Ratio Lower Upper
127 100
129 37.4 25.6 38.4
65 29.4 27.0 40.6
92 18.4 15.9 23.9

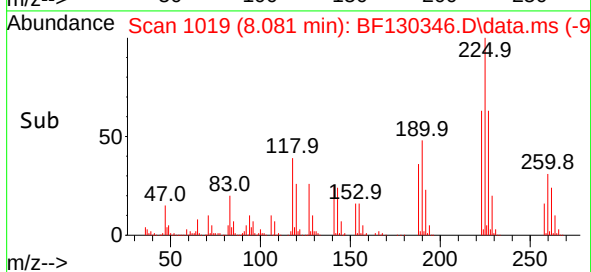
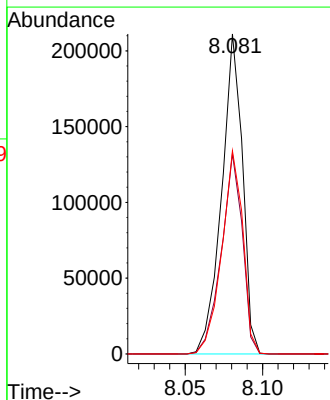
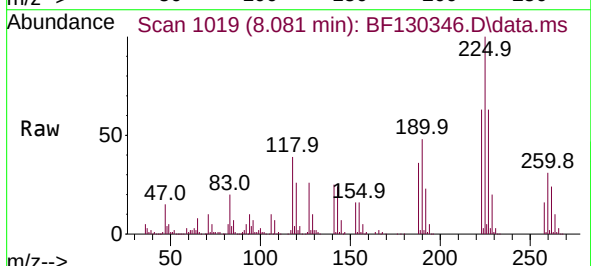
Manual Integrations
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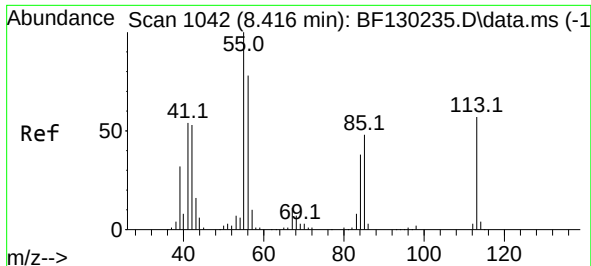
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#34
Hexachlorobutadiene
Concen: 45.062 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:225 Resp: 197584
Ion Ratio Lower Upper
225 100
223 62.6 50.3 75.5
227 63.5 51.1 76.7





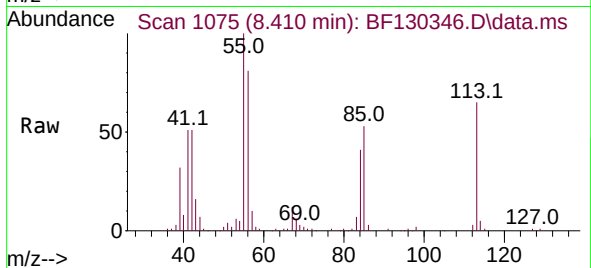
#35
 Caprolactam
 Concen: 50.530 ng m
 RT: 8.410 min Scan# 1042
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

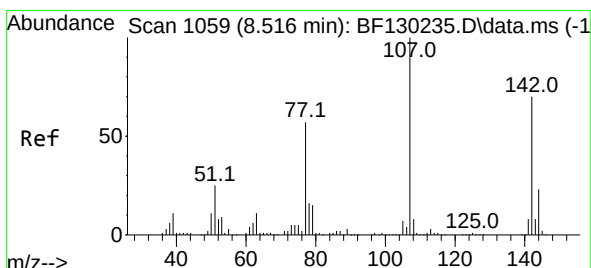
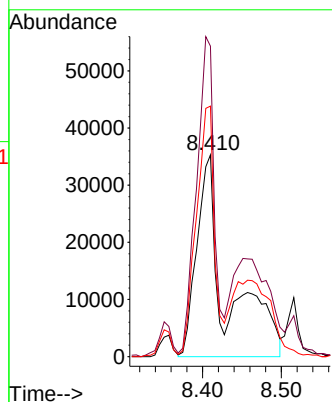
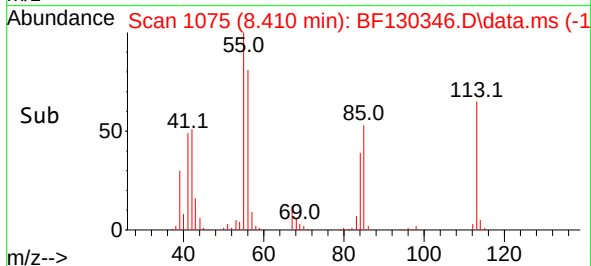


Tgt Ion:113 Resp: 91926
 Ion Ratio Lower Upper
 113 100
 55 153.9 155.4 195.4
 56 124.2 120.4 160.4

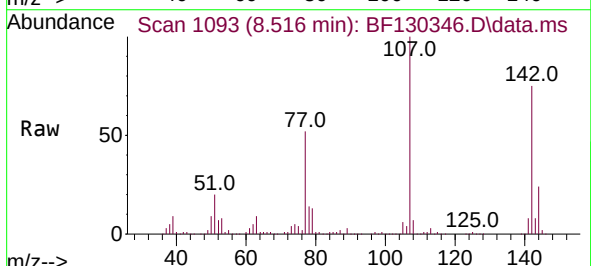
Manual Integrations

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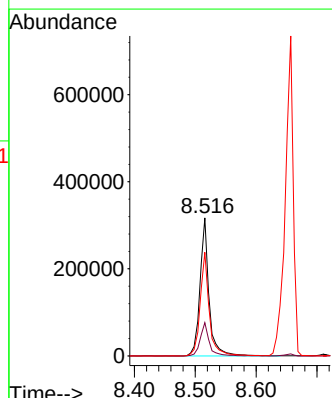
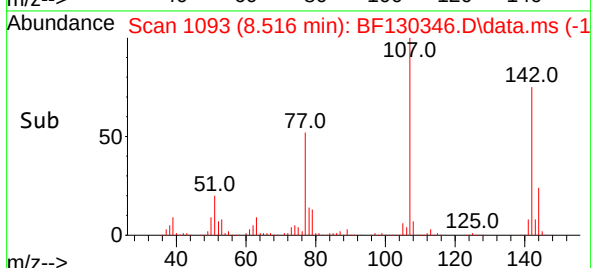
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

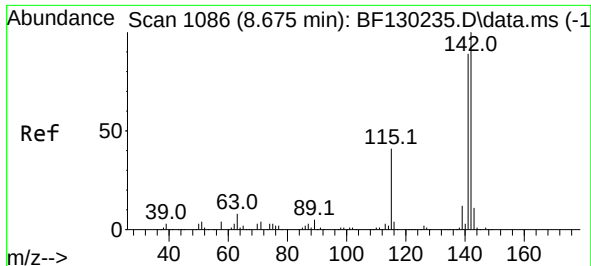


#36
 4-Chloro-3-methylphenol
 Concen: 46.323 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.012 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07



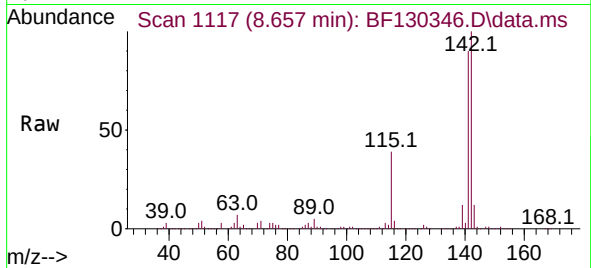
Tgt Ion:107 Resp: 325831
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 75.1 61.3 91.9





#37
2-Methylnaphthalene
Concen: 44.178 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

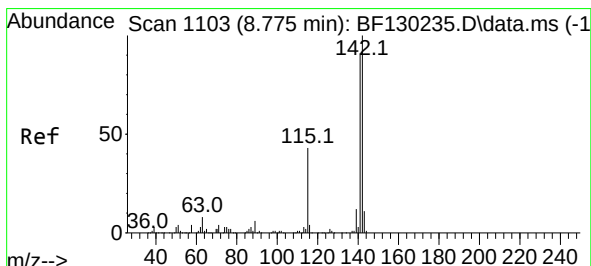
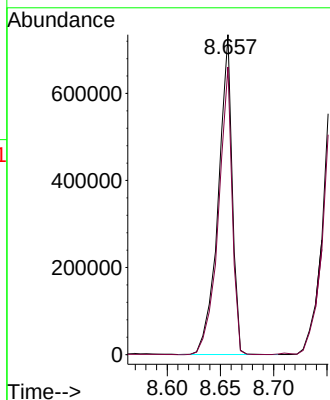
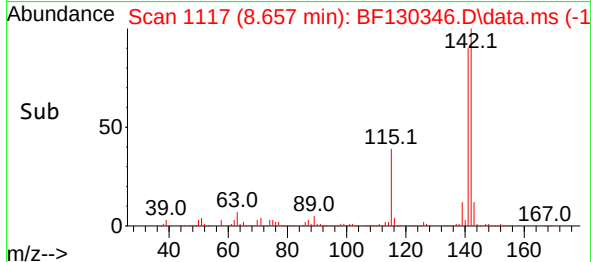
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



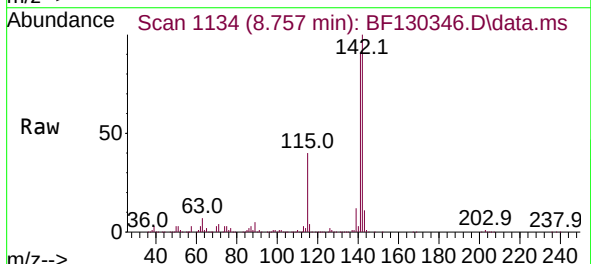
Tgt Ion:142 Resp: 669864
Ion Ratio Lower Upper
142 100
141 89.9 70.0 105.0

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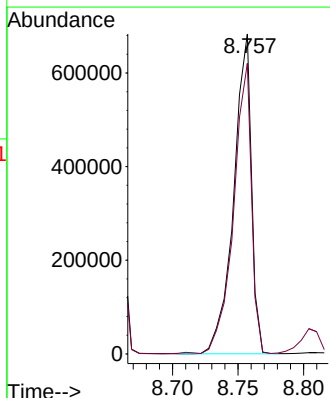
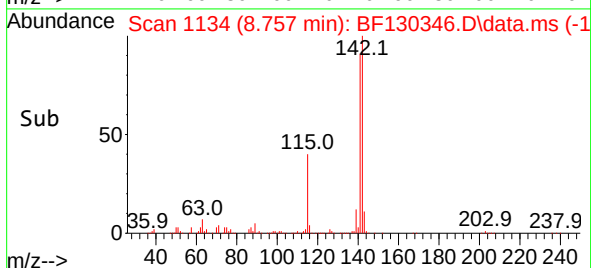
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

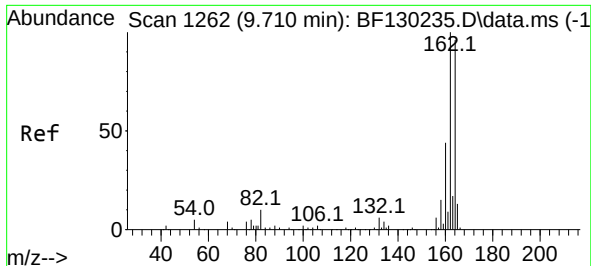


#38
1-Methylnaphthalene
Concen: 44.055 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



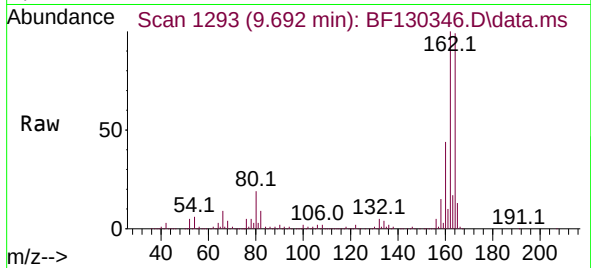
Tgt Ion:142 Resp: 641710
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

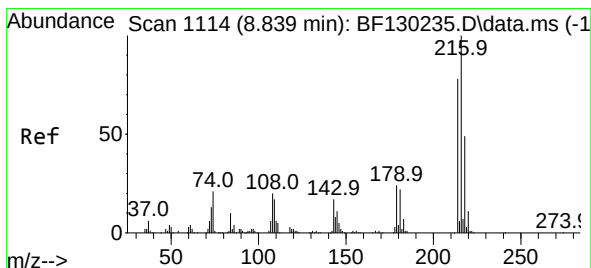
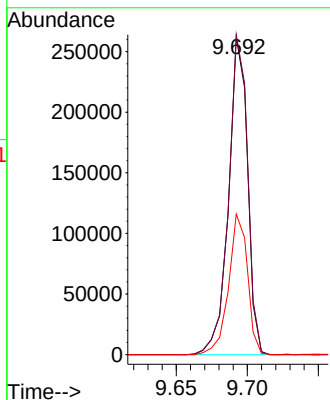
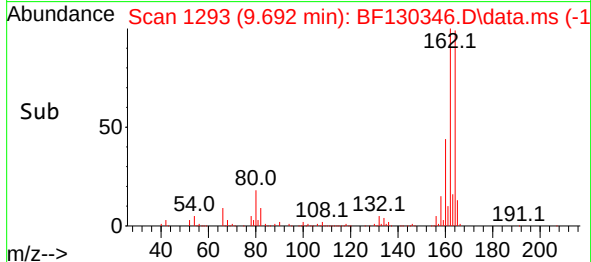
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



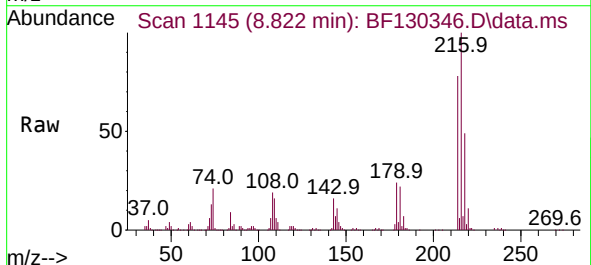
Tgt Ion:164 Resp: 243321
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.3 36.2 54.4

Manual Integrations
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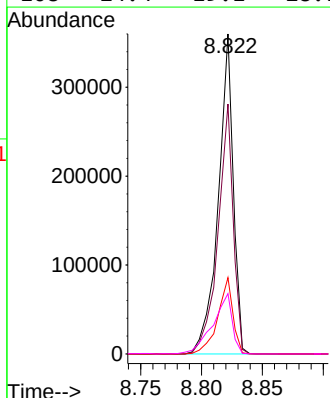
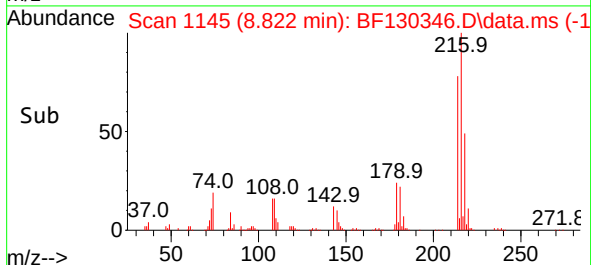
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

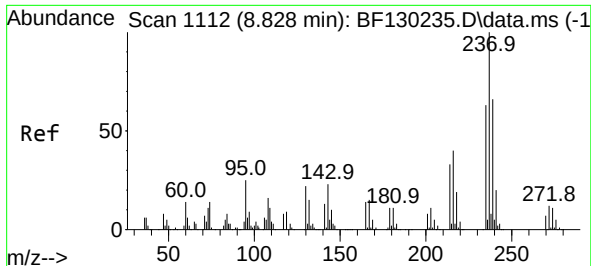


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.452 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



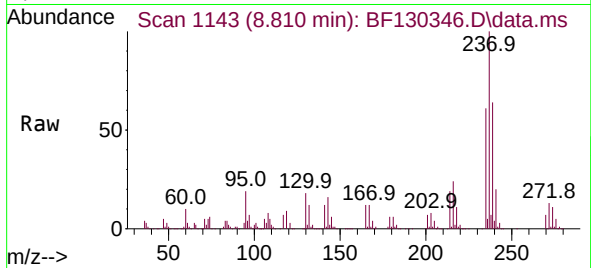
Tgt Ion:216 Resp: 308460
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 23.9 19.5 29.3
108 24.4 19.1 28.7





#41
 Hexachlorocyclopentadiene
 Concen: 113.092 ng
 RT: 8.810 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

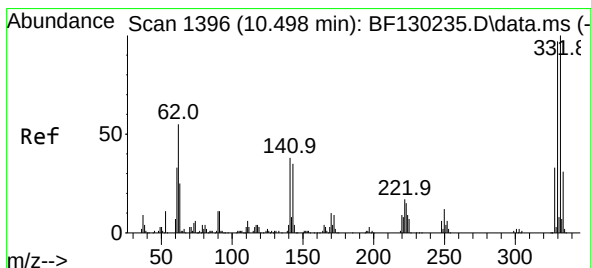
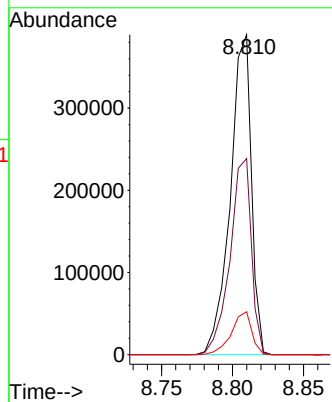
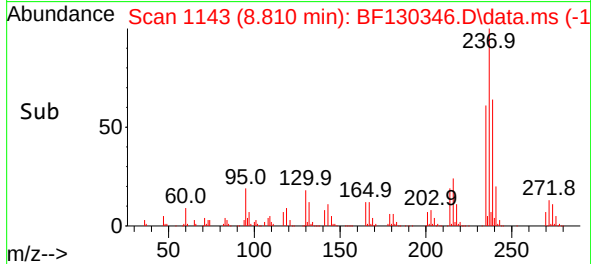
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS



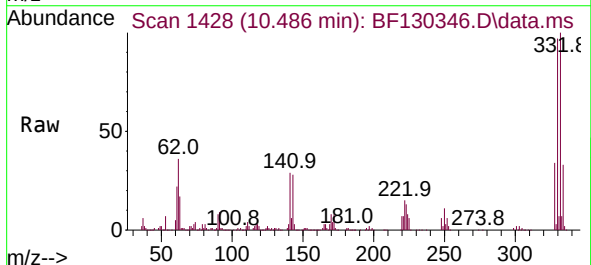
Tgt Ion:237 Resp: 402063
 Ion Ratio Lower Upper
 237 100
 235 61.3 42.5 82.5
 272 13.4 0.0 32.8

Manual Integrations
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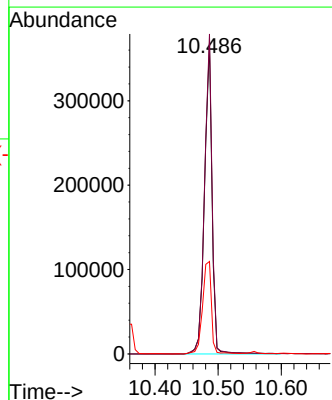
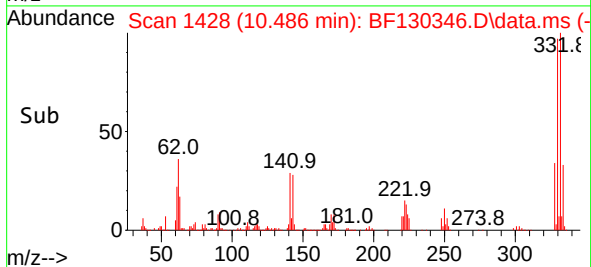
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

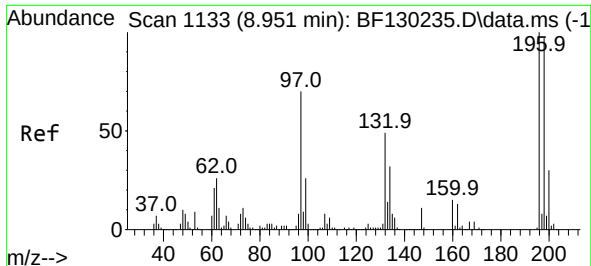


#42
 2,4,6-Tribromophenol
 Concen: 130.701 ng
 RT: 10.486 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07



Tgt Ion:330 Resp: 304727
 Ion Ratio Lower Upper
 330 100
 332 103.1 83.4 125.2
 141 35.1 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 45.821 ng

RT: 8.939 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF130346.D

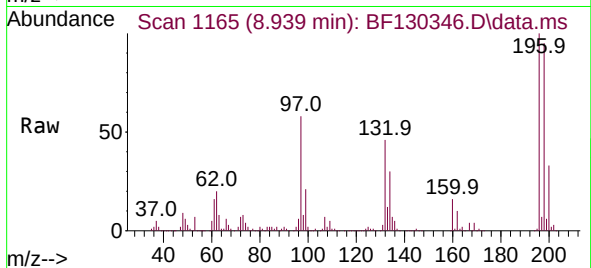
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS



Tgt Ion:196 Resp: 212350

Ion Ratio Lower Upper

196 100

198 95.4 72.4 108.6

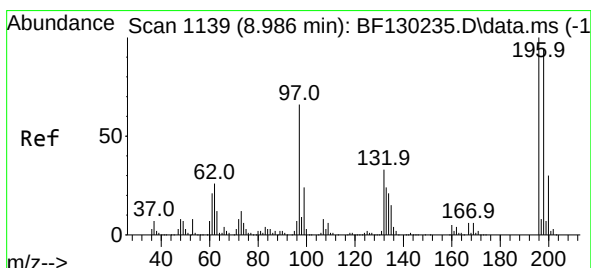
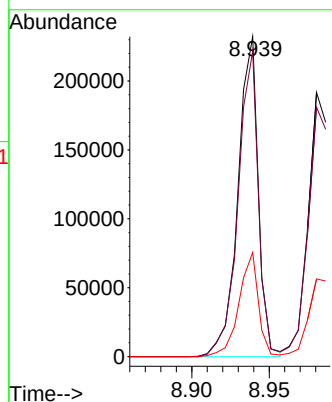
200 32.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#44

2,4,5-Trichlorophenol

Concen: 45.611 ng

RT: 8.980 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion:196 Resp: 228099

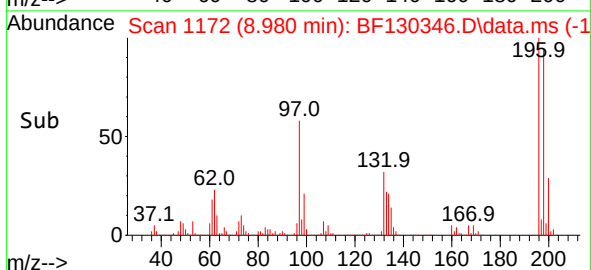
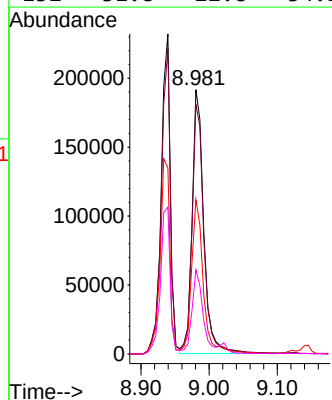
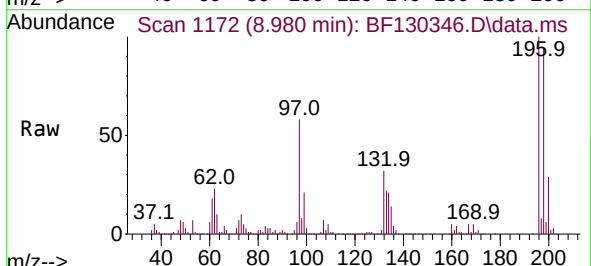
Ion Ratio Lower Upper

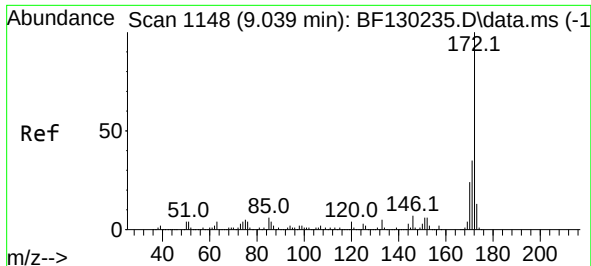
196 100

198 94.4 74.8 112.2

97 58.3 43.7 65.5

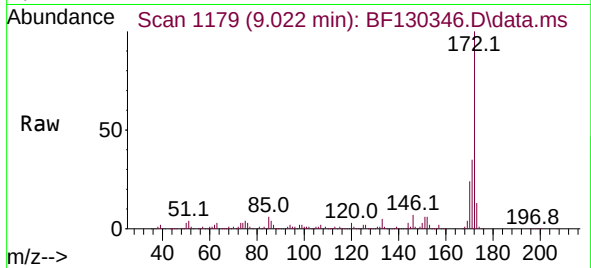
132 31.8 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 69.466 ng
RT: 9.022 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

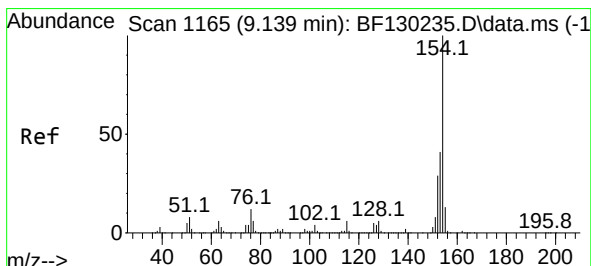
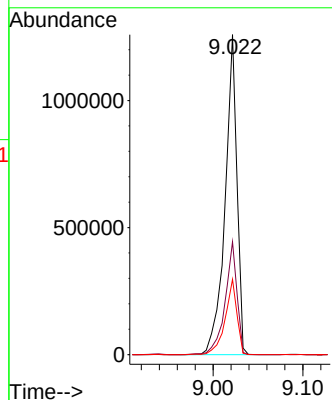
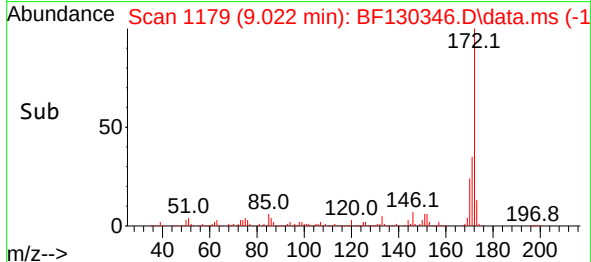
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



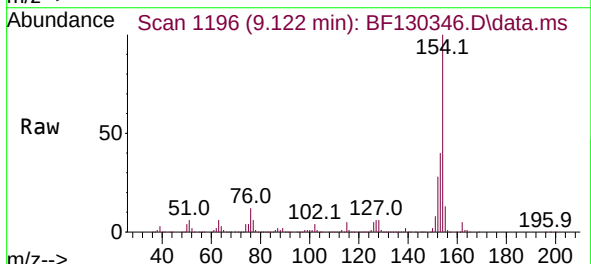
Tgt Ion:172 Resp: 1160733
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1

Manual Integrations
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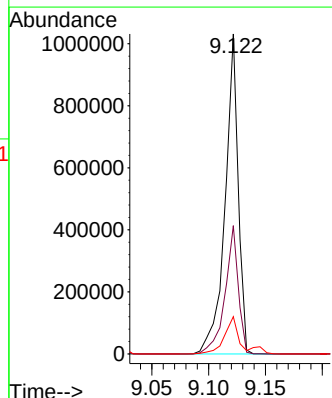
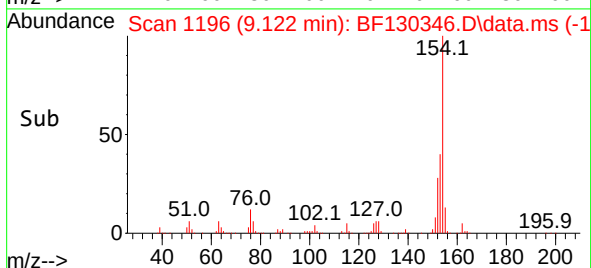
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

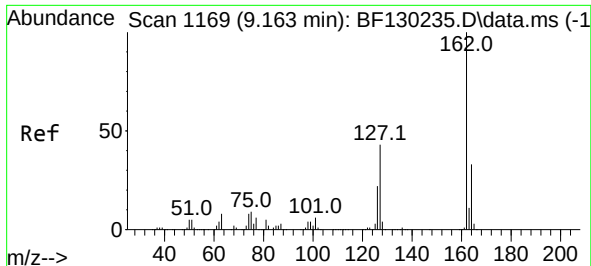


#46
1,1'-Biphenyl
Concen: 45.523 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



Tgt Ion:154 Resp: 827259
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.143 ng

RT: 9.145 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

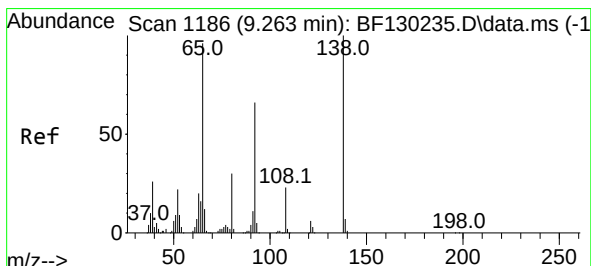
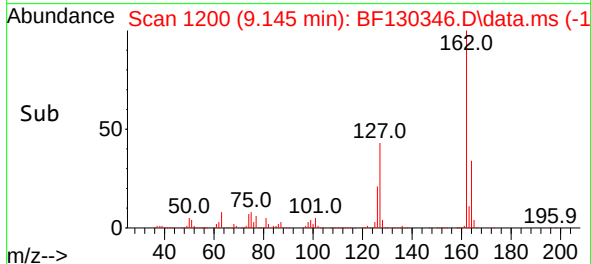
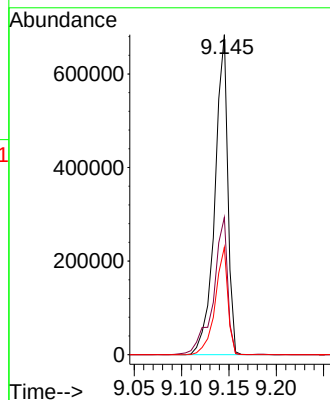
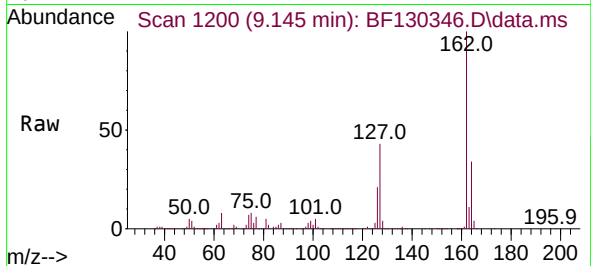
Tgt Ion:162 Resp: 648913
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.9 53.9
 164 33.5 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#48

2-Nitroaniline

Concen: 40.967 ng

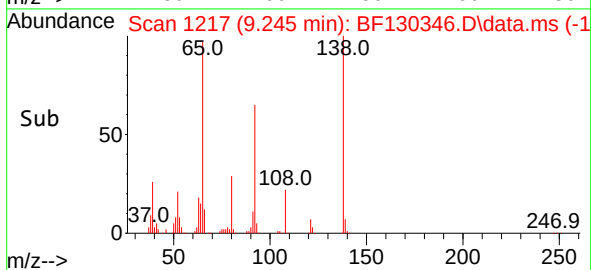
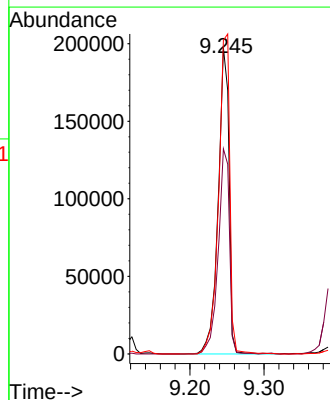
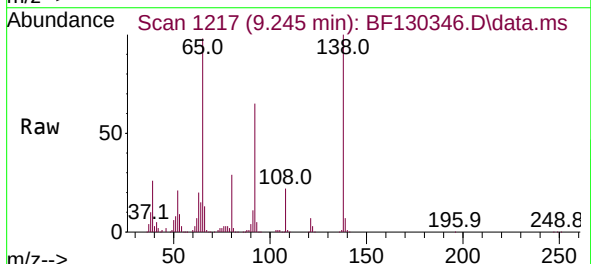
RT: 9.245 min Scan# 1217

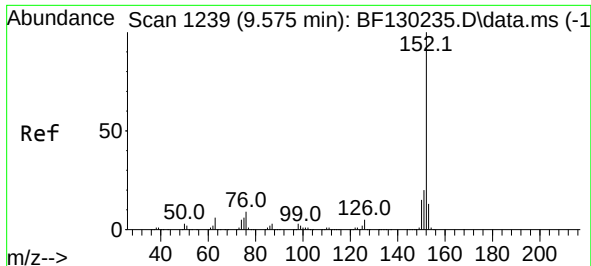
Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion: 65 Resp: 200860
 Ion Ratio Lower Upper
 65 100
 92 67.0 52.2 78.4
 138 102.5 77.0 115.4





#49

Acenaphthylene

Concen: 44.531 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF130346.D

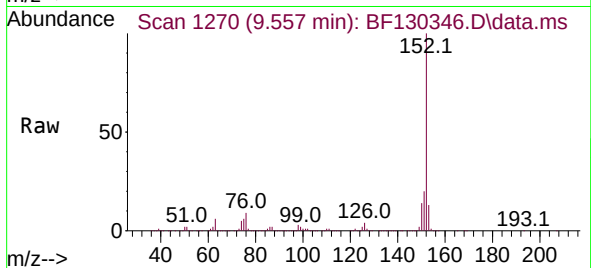
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

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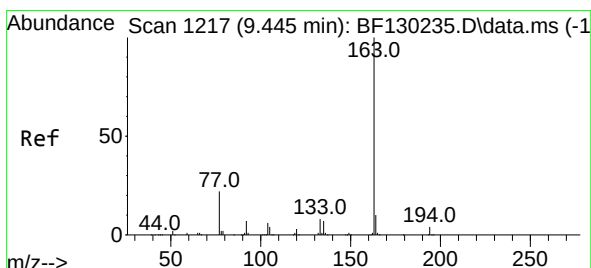
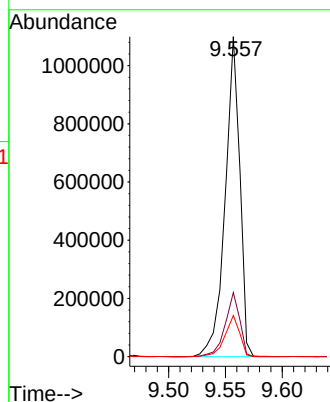
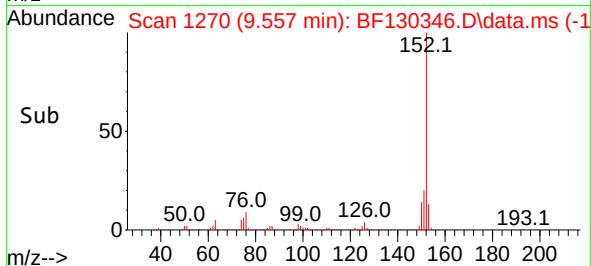


Tgt Ion:	152	Resp:	981495
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	12.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#50

Dimethylphthalate

Concen: 45.406 ng

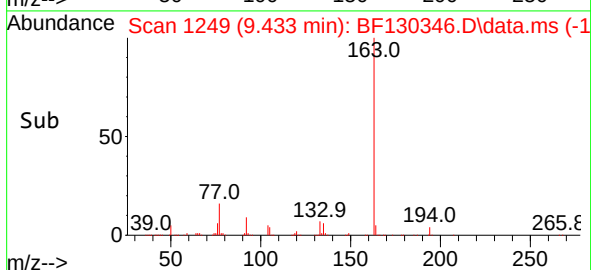
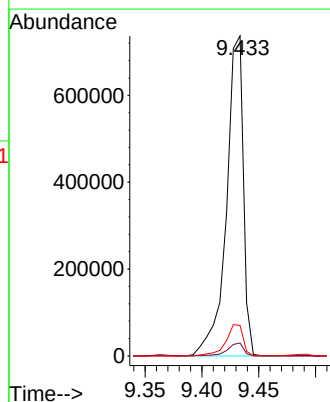
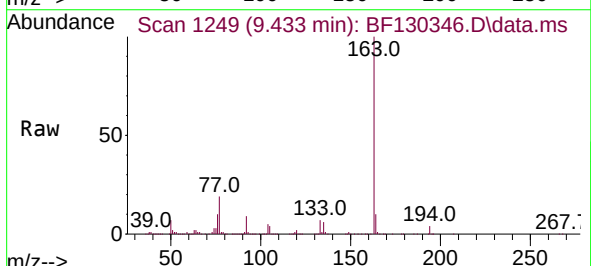
RT: 9.433 min Scan# 1249

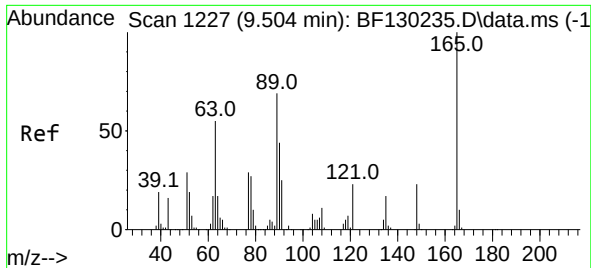
Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

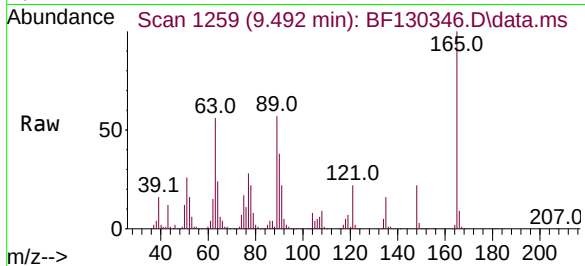
Tgt Ion:	163	Resp:	763172
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.8	4.2
164	9.5	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 47.067 ng
RT: 9.492 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

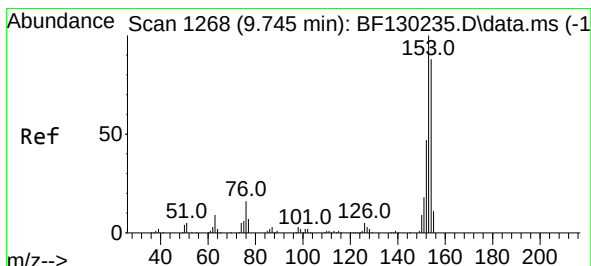
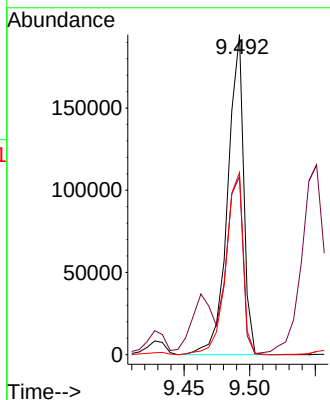
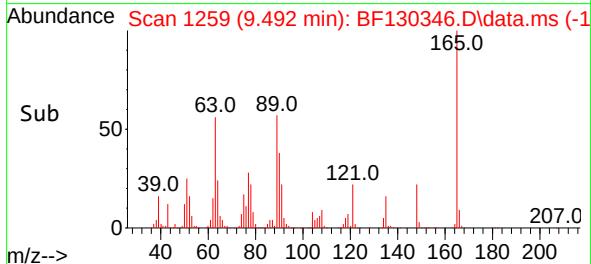
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



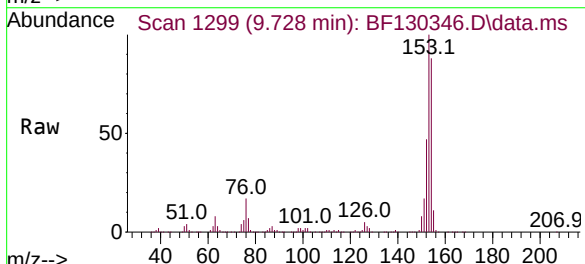
Tgt Ion:165 Resp: 165444
Ion Ratio Lower Upper
165 100
63 55.7 58.8 88.2
89 56.9 54.5 81.7

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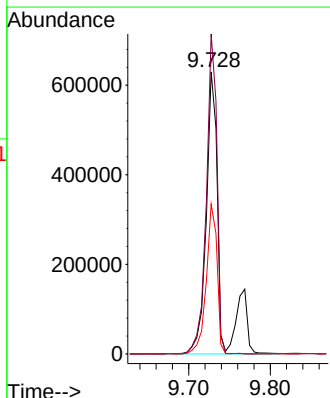
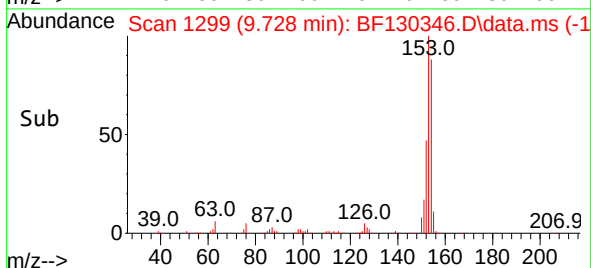
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

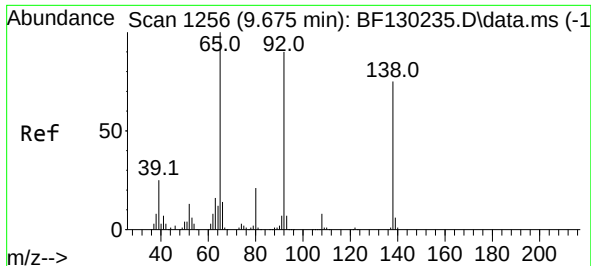


#52
Acenaphthene
Concen: 49.338 ng m
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



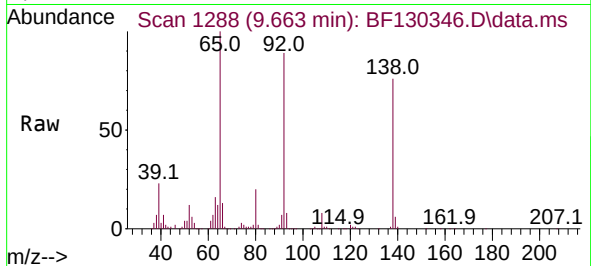
Tgt Ion:154 Resp: 714491
Ion Ratio Lower Upper
154 100
153 113.5 90.6 136.0
152 53.1 43.8 65.6





#53
3-Nitroaniline
Concen: 33.548 ng
RT: 9.663 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

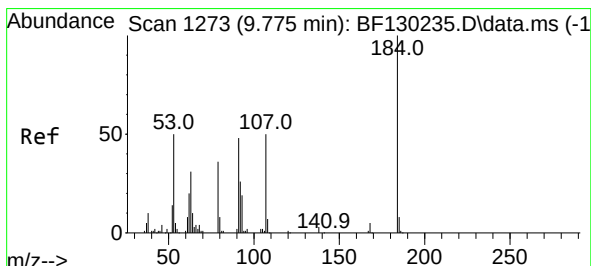
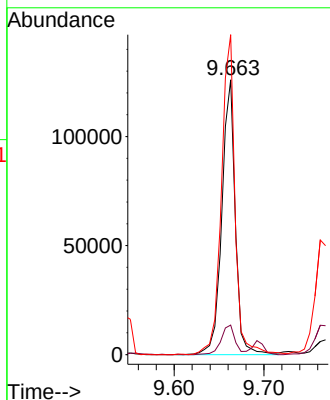
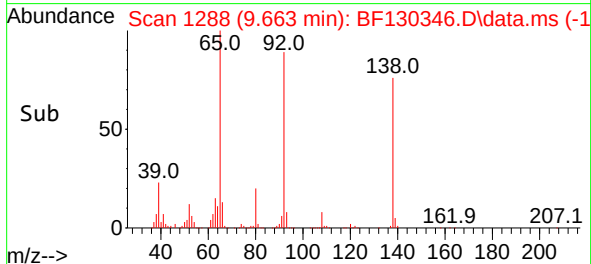
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:138 Resp: 131400
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 116.4 99.2 148.8

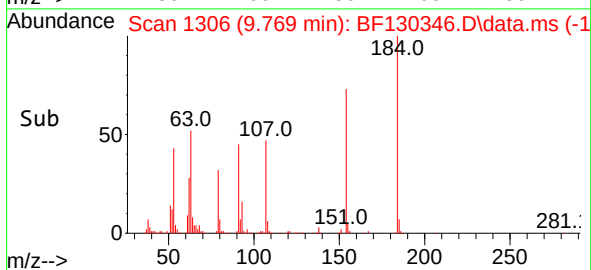
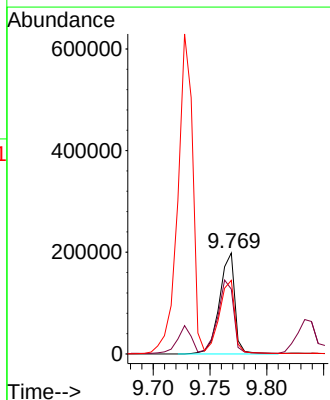
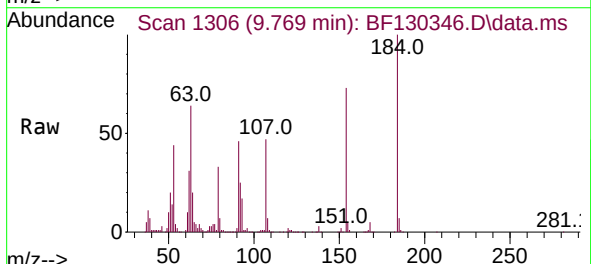
Manual Integrations
APPROVED

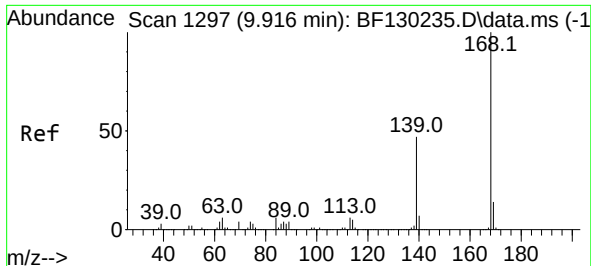
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#54
2,4-Dinitrophenol
Concen: 96.459 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:184 Resp: 186591
Ion Ratio Lower Upper
184 100
63 64.1 70.0 105.0#
154 72.8 63.0 94.6





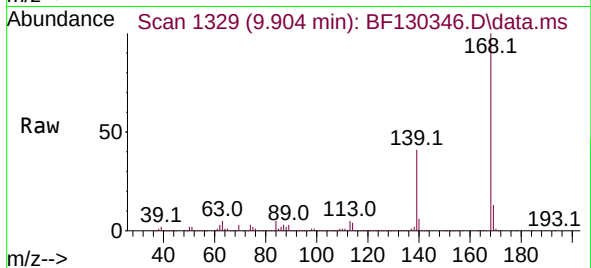
#55
Dibenzofuran
Concen: 43.567 ng
RT: 9.904 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

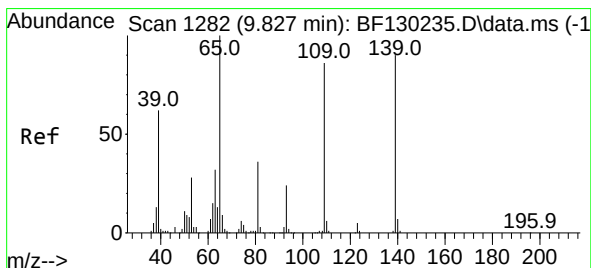
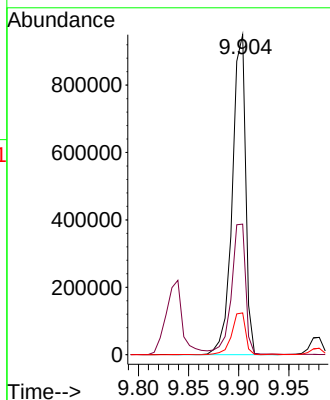
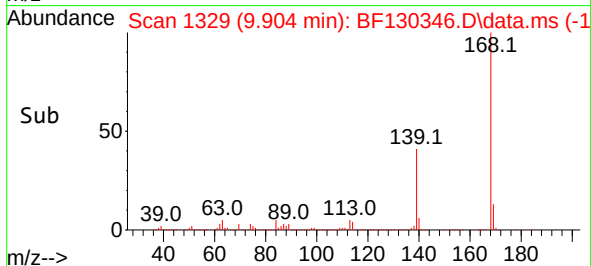


Tgt Ion:168 Resp: 877566
Ion Ratio Lower Upper
168 100
139 40.8 35.0 52.4
169 13.0 10.9 16.3

Manual Integrations

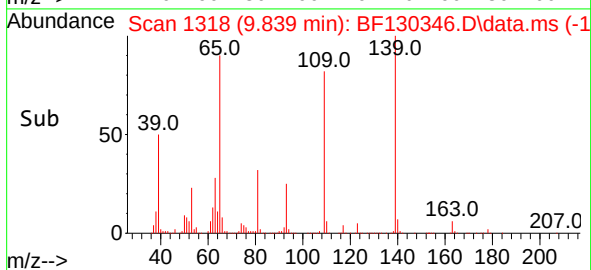
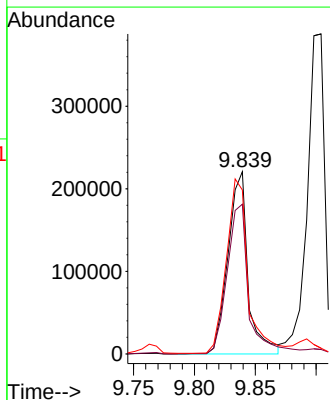
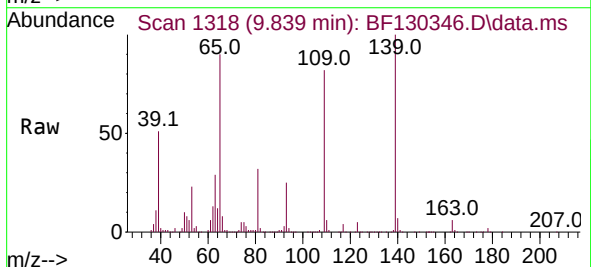
APPROVED

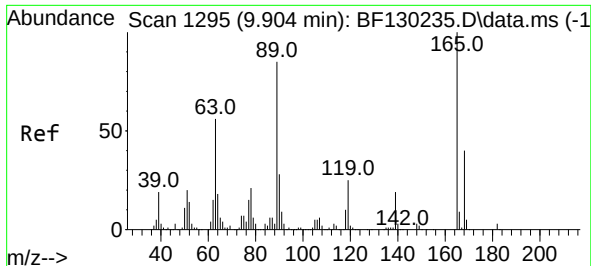
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#56
4-Nitrophenol
Concen: 88.707 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.024 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:139 Resp: 253066
Ion Ratio Lower Upper
139 100
109 82.2 72.2 112.2
65 90.0 97.7 137.7#





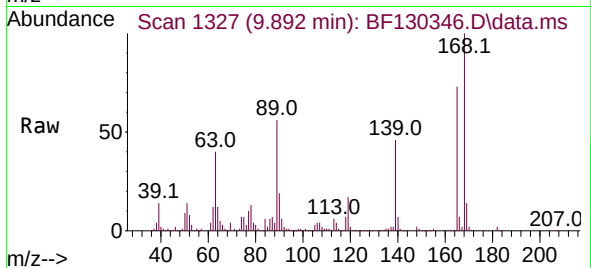
#57
2,4-Dinitrotoluene
Concen: 48.513 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

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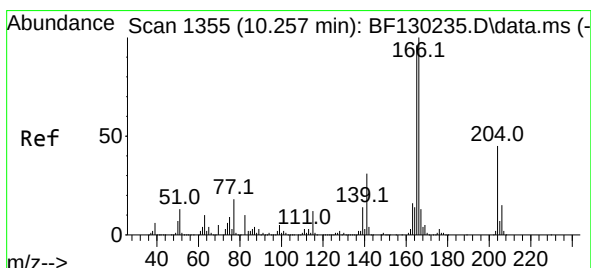
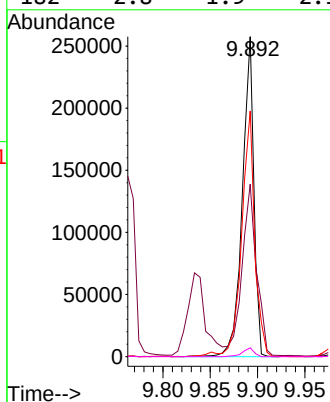
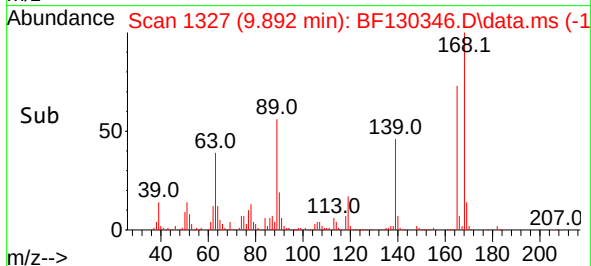


Tgt Ion:165 Resp: 217938
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 76.8 69.0 103.4
182 2.8 1.9 2.9

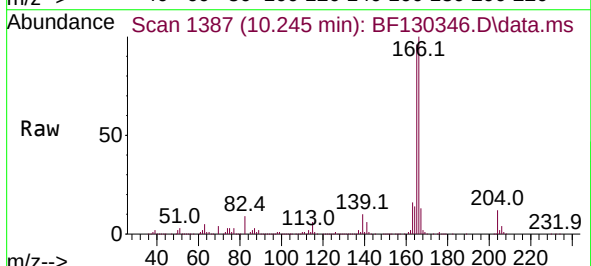
Manual Integrations

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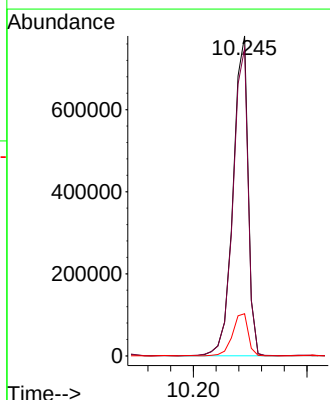
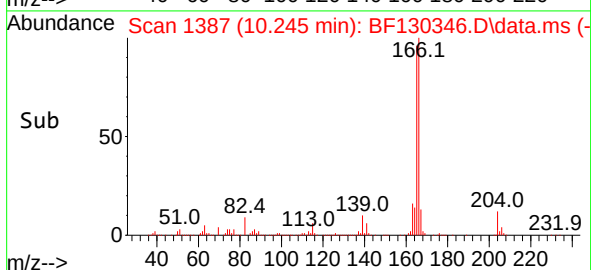
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

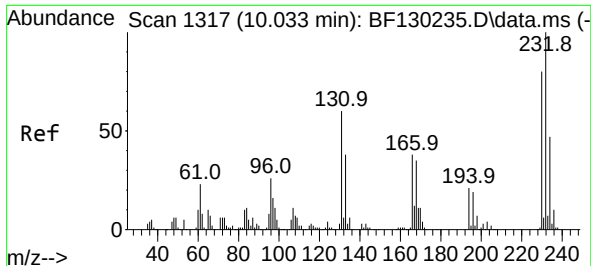


#58
Fluorene
Concen: 43.405 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



Tgt Ion:166 Resp: 715008
Ion Ratio Lower Upper
166 100
165 96.1 78.8 118.2
167 13.2 10.6 15.8





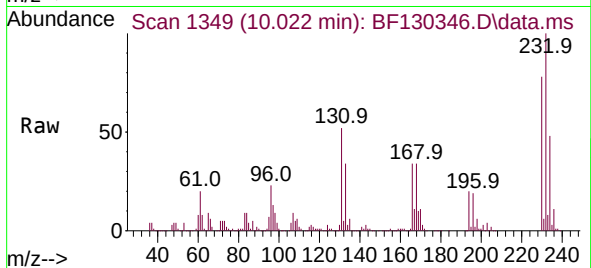
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.554 ng
RT: 10.022 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

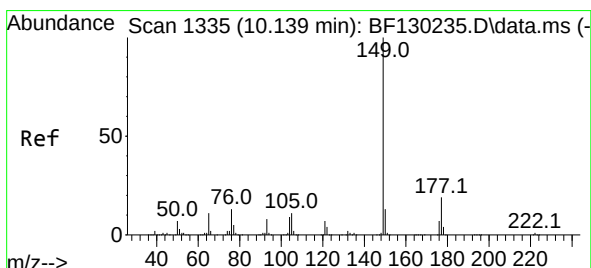
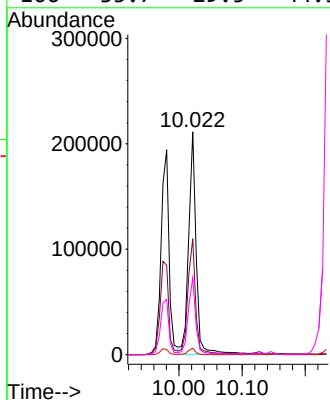
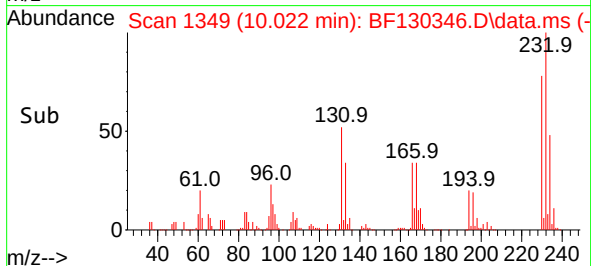


Tgt Ion:232 Resp: 174401
Ion Ratio Lower Upper
232 100
131 52.5 46.4 69.6
130 2.9 2.3 3.5
166 33.7 29.5 44.3

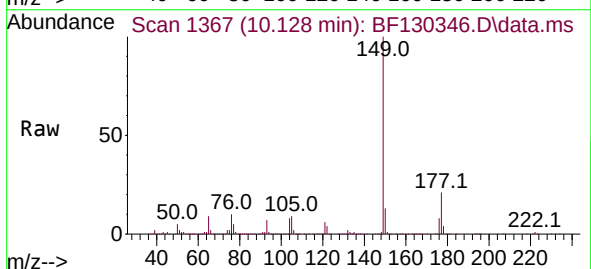
Manual Integrations

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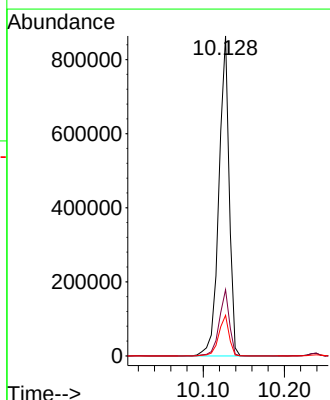
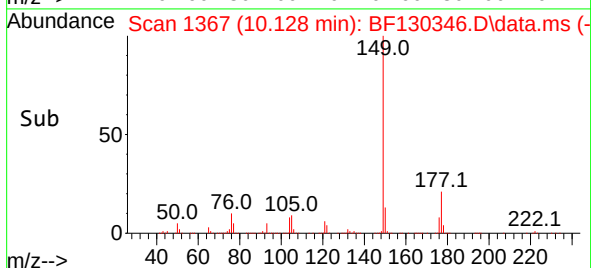
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

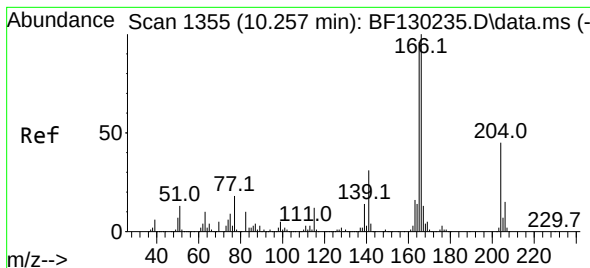


#60
Diethylphthalate
Concen: 44.715 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



Tgt Ion:149 Resp: 753651
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.7 9.9 14.9





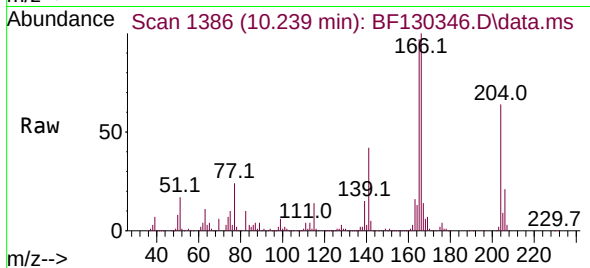
#61
4-Chlorophenyl-phenylether
Concen: 45.661 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

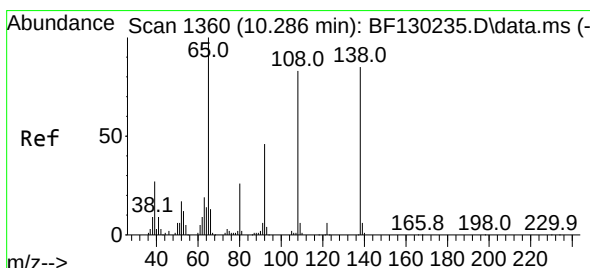
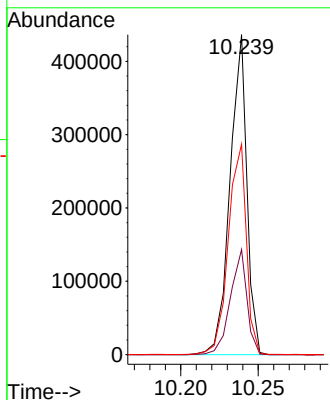
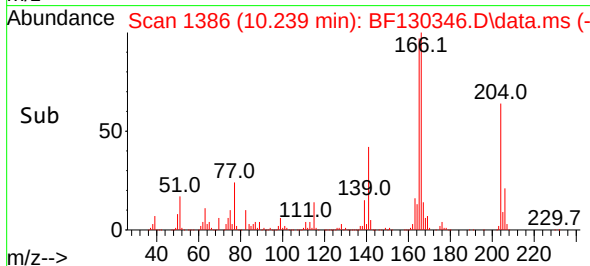


Tgt Ion:204 Resp: 329968
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 65.7 57.1 85.7

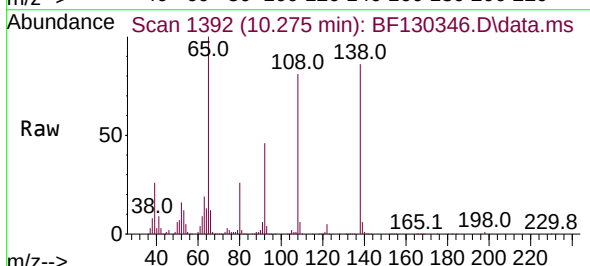
Manual Integrations

APPROVED

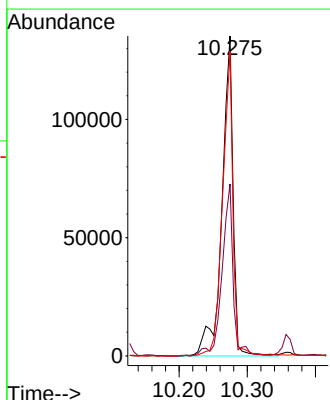
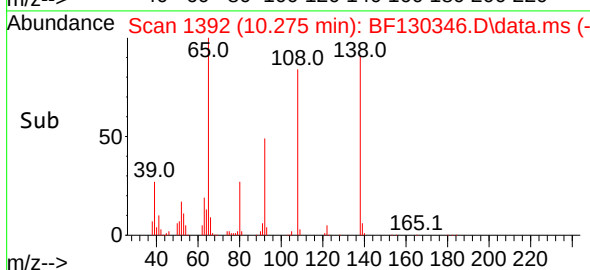
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

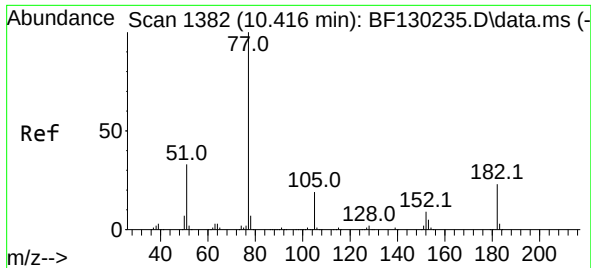


#62
4-Nitroaniline
Concen: 38.905 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



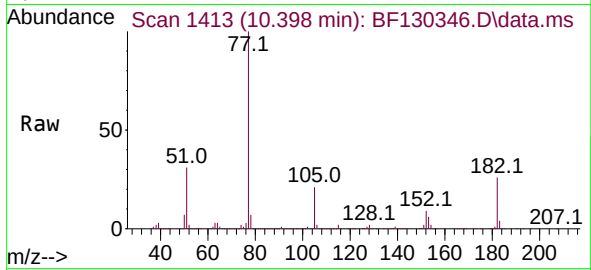
Tgt Ion:138 Resp: 153080
Ion Ratio Lower Upper
138 100
92 53.7 36.7 76.7
108 95.2 78.2 118.2





#63
Azobenzene
Concen: 39.037 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

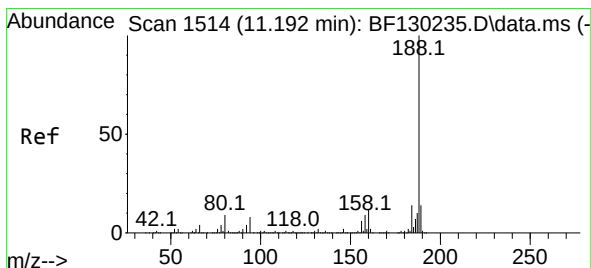
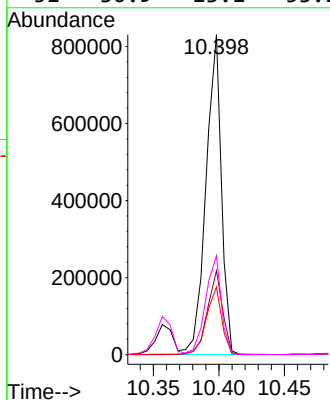
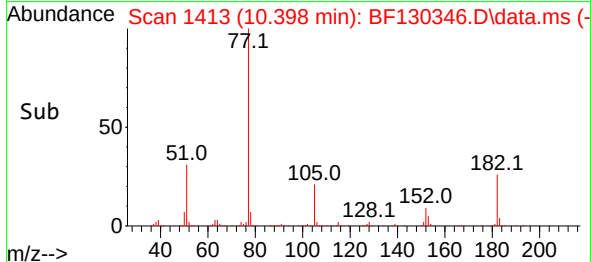
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



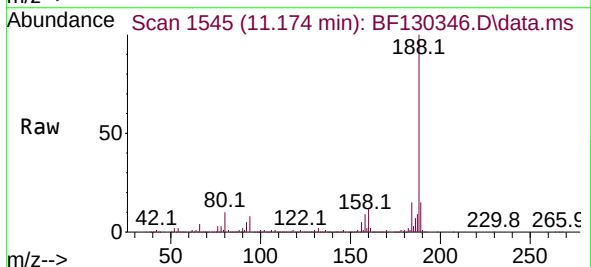
Tgt Ion: 77 Resp: 677500
Ion Ratio Lower Upper
77 100
182 26.2 2.1 42.1
105 21.2 0.0 39.4
51 30.9 13.1 53.1

Manual Integrations
APPROVED

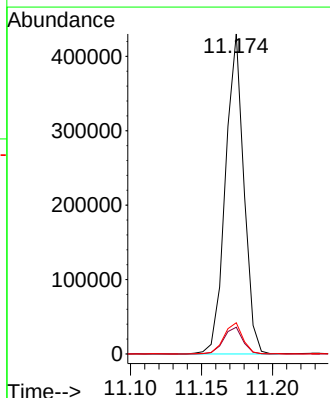
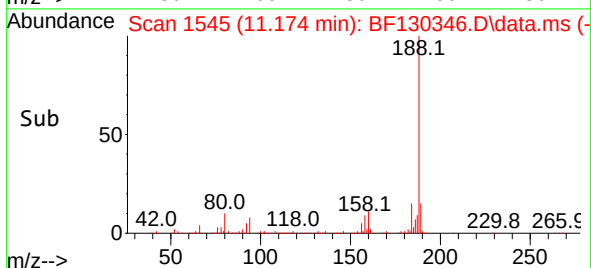
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

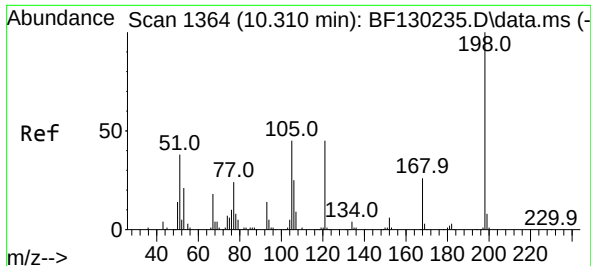


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



Tgt Ion:188 Resp: 387152
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.7 7.9 11.9





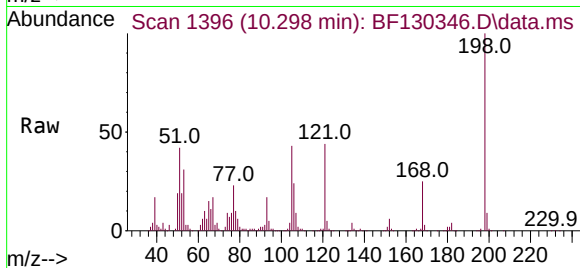
#65
4,6-Dinitro-2-methylphenol
Concen: 52.901 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

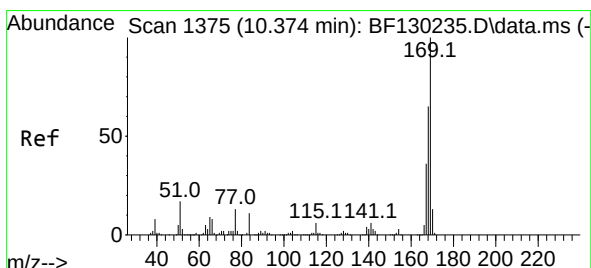
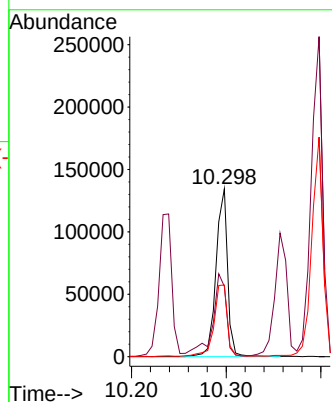
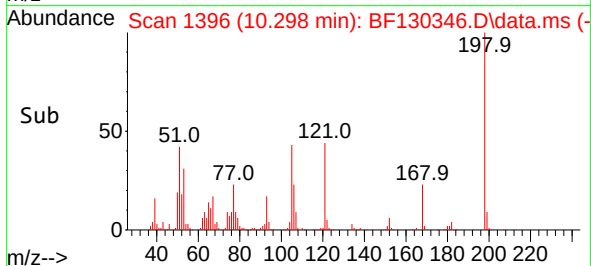


Tgt Ion:198 Resp: 114009
Ion Ratio Lower Upper
198 100
51 41.8 36.9 76.9
105 42.6 33.0 73.0

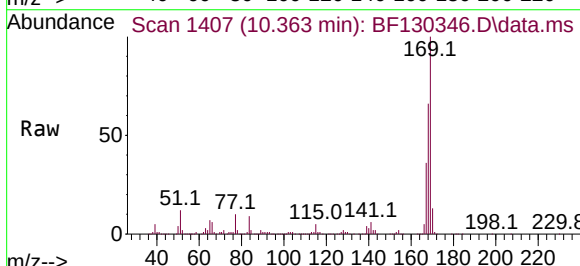
Manual Integrations

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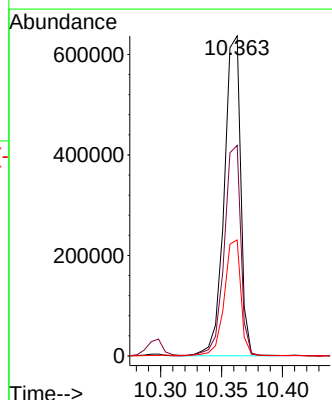
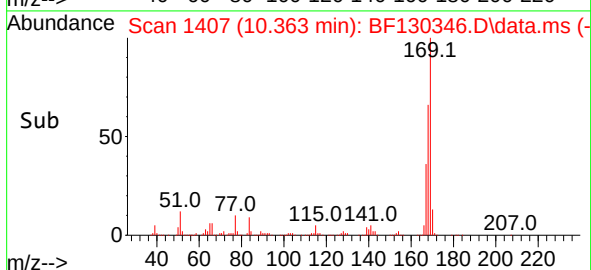
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

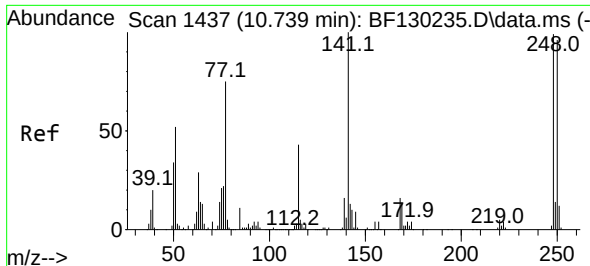


#66
n-Nitrosodiphenylamine
Concen: 46.332 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



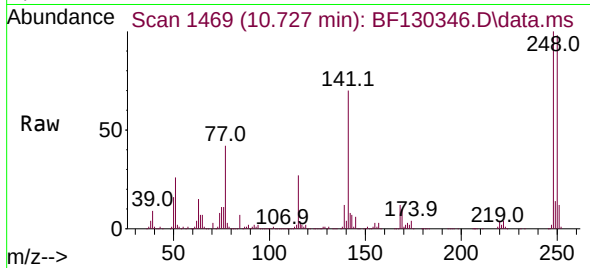
Tgt Ion:169 Resp: 599416
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.436 ng
RT: 10.727 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

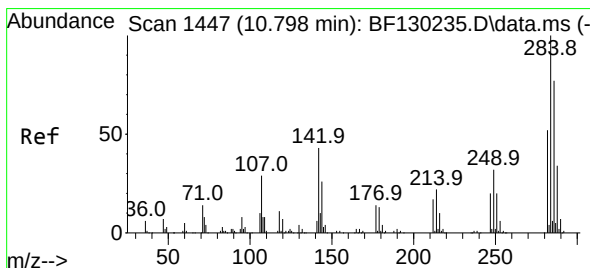
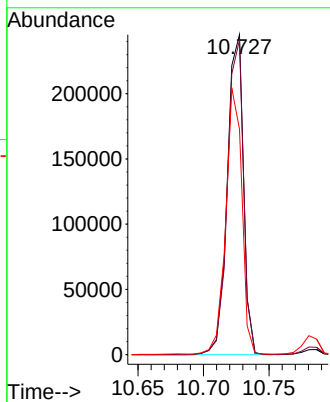
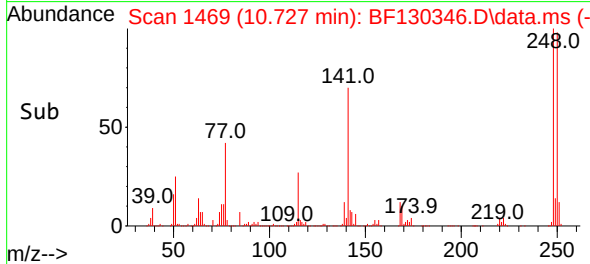
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



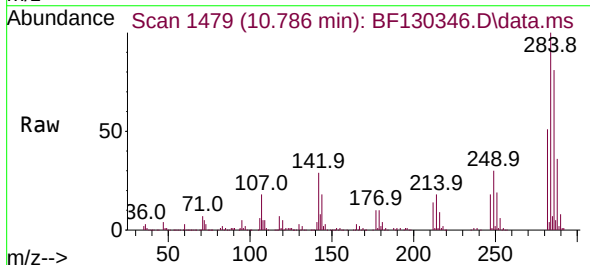
Tgt Ion:248 Resp: 211136
Ion Ratio Lower Upper
248 100
250 98.3 80.0 120.0
141 70.5 68.5 102.7

Manual Integrations
APPROVED

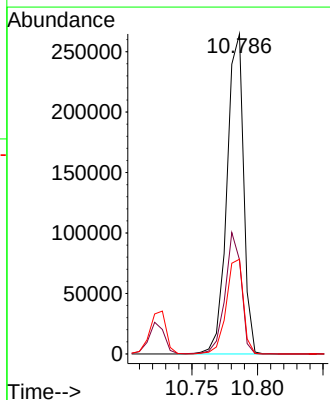
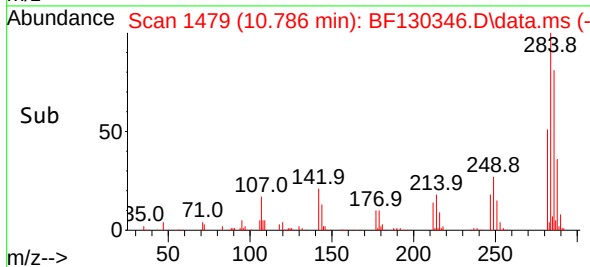
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

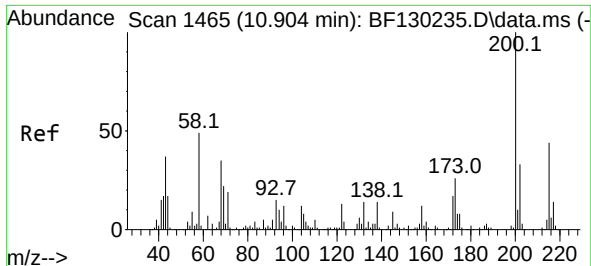


#68
Hexachlorobenzene
Concen: 48.331 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



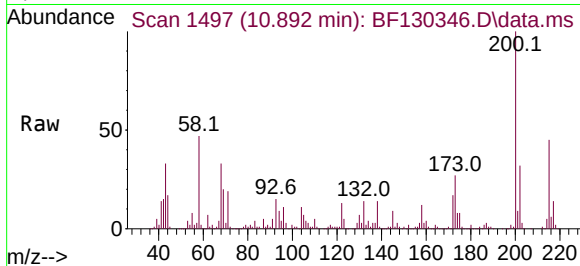
Tgt Ion:284 Resp: 233988
Ion Ratio Lower Upper
284 100
142 29.4 27.2 40.8
249 29.6 23.8 35.8





#69
 Atrazine
 Concen: 49.160 ng
 RT: 10.892 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

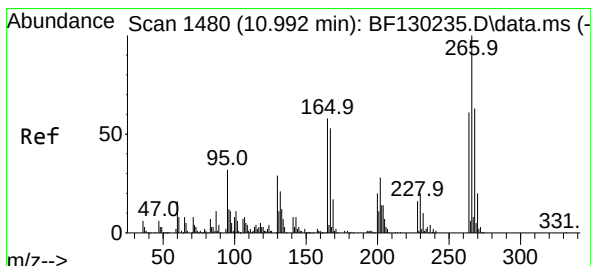
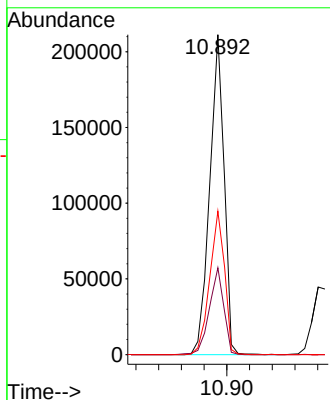
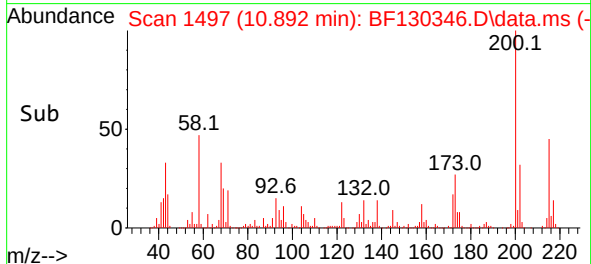
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS



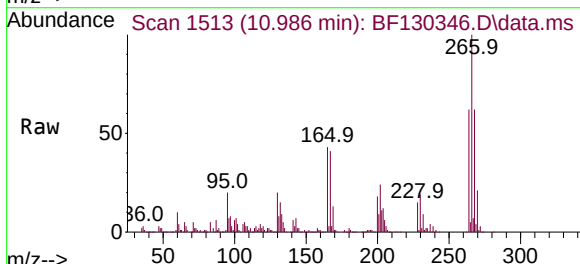
Tgt Ion:200 Resp: 185863
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.2 46.2
 215 44.8 22.5 62.5

Manual Integrations
 APPROVED

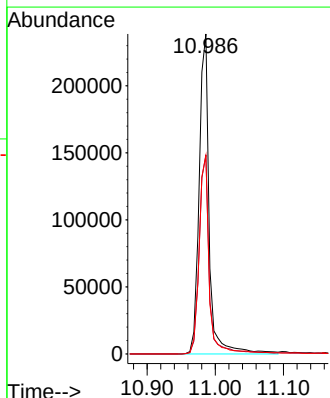
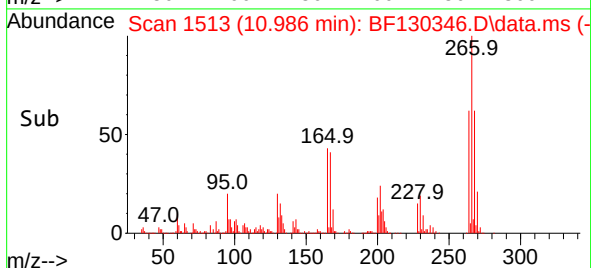
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

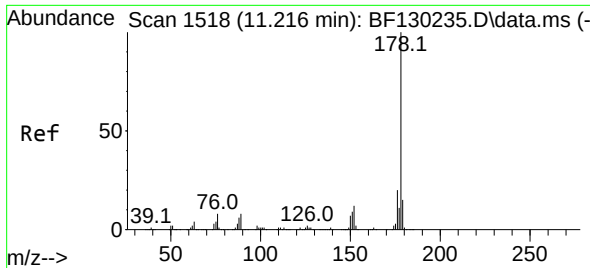


#70
 Pentachlorophenol
 Concen: 94.452 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. 0.012 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07



Tgt Ion:266 Resp: 245416
 Ion Ratio Lower Upper
 266 100
 268 62.2 50.5 75.7
 264 61.9 50.5 75.7





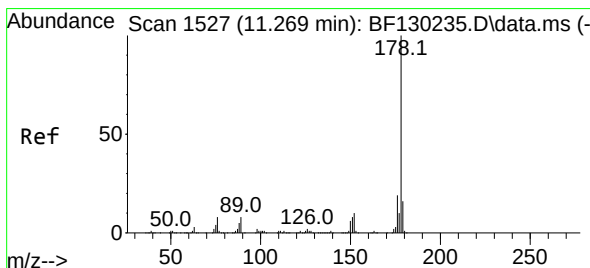
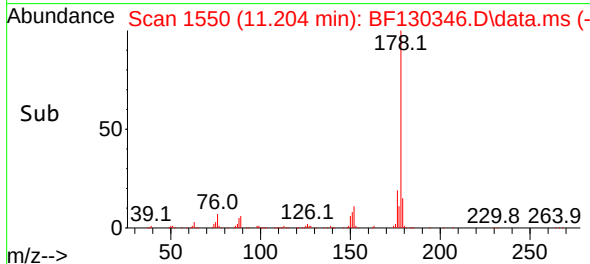
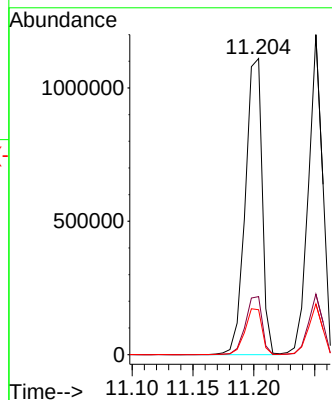
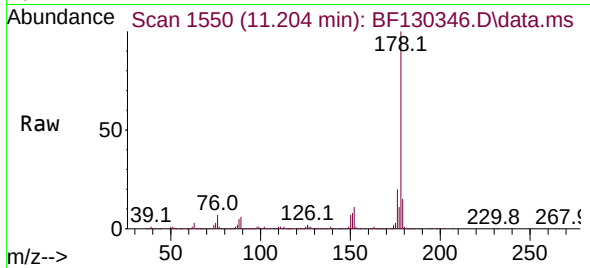
#71
Phenanthrene
Concen: 49.136 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

Tgt Ion:178 Resp: 1068036
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.2 12.4 18.6

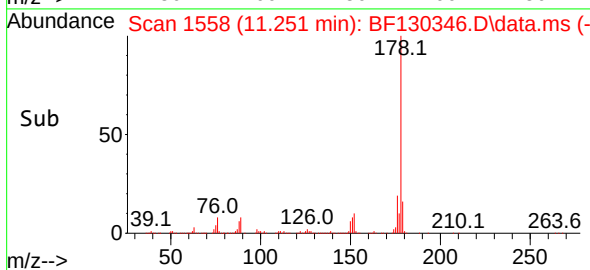
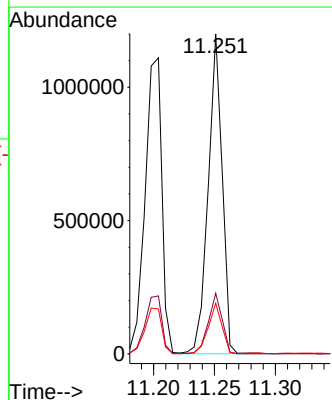
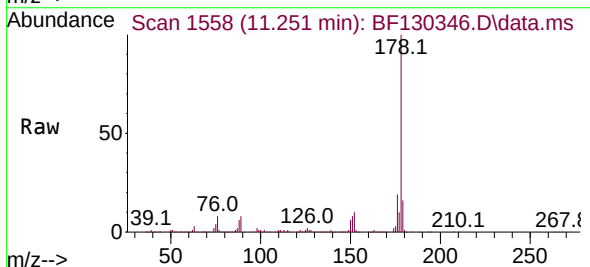
Manual Integrations
APPROVED

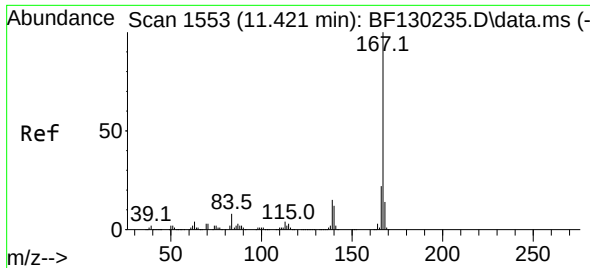
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#72
Anthracene
Concen: 45.883 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

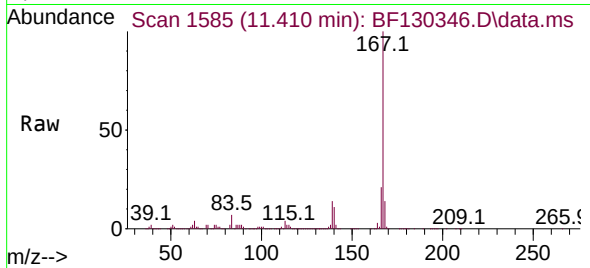
Tgt Ion:178 Resp: 962448
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 44.039 ng
 RT: 11.410 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

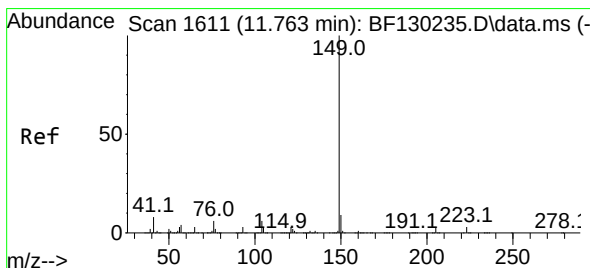
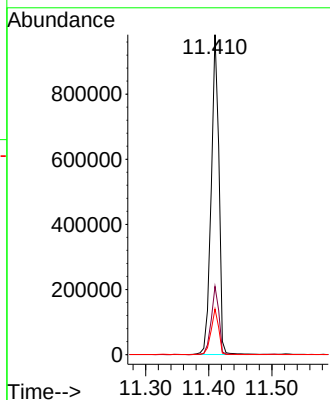
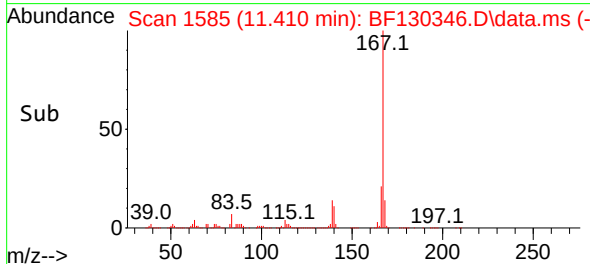
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS



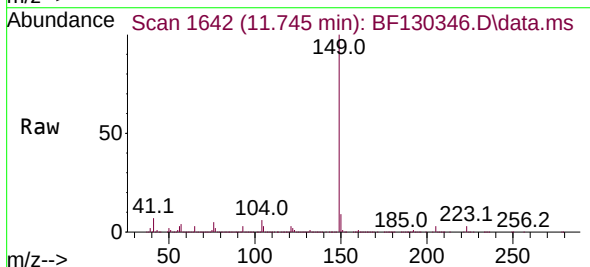
Tgt Ion:167 Resp: 833682
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 14.3 11.6 17.4

Manual Integrations
 APPROVED

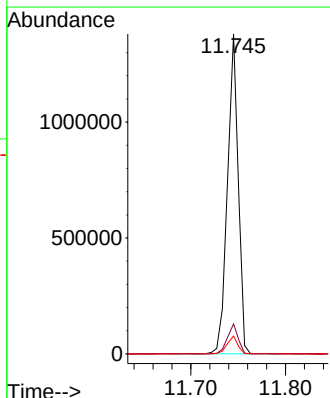
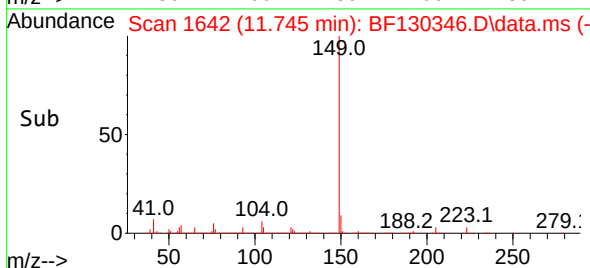
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

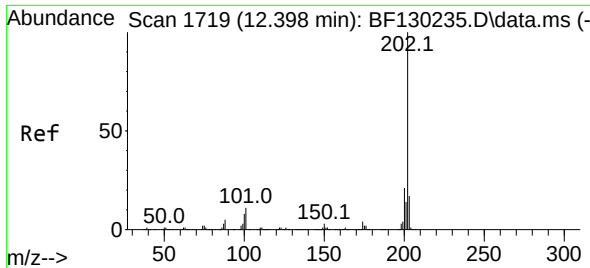


#74
 Di-n-butylphthalate
 Concen: 47.618 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07



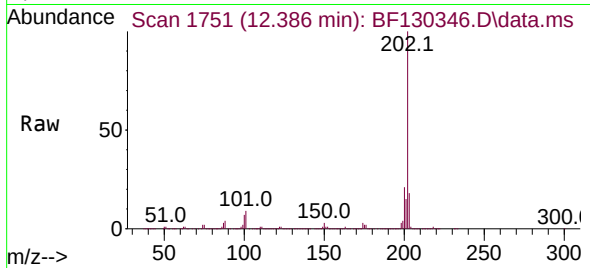
Tgt Ion:149 Resp: 1087032
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 51.707 ng
RT: 12.386 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

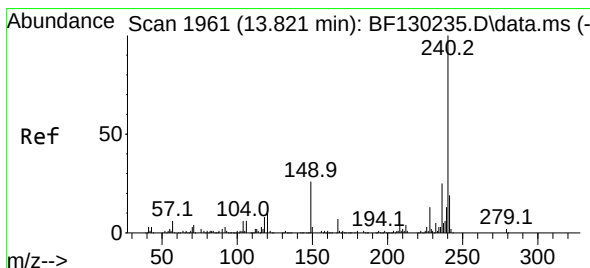
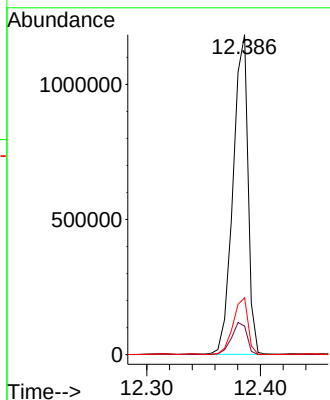
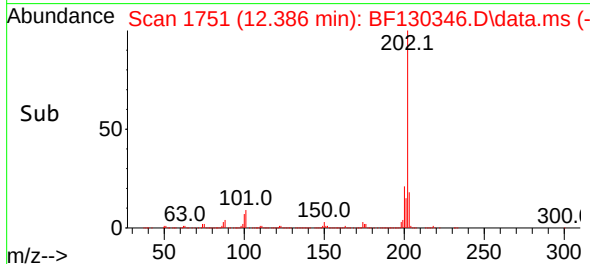
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



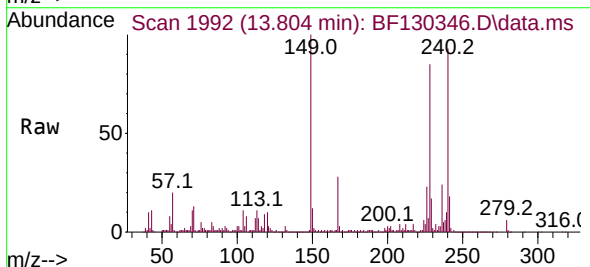
Tgt Ion:202 Resp: 1086050
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

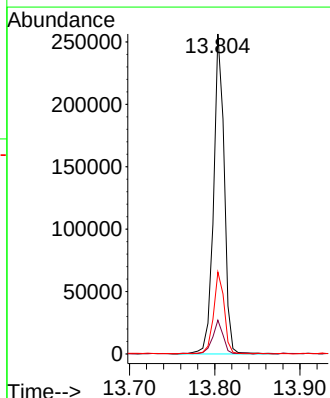
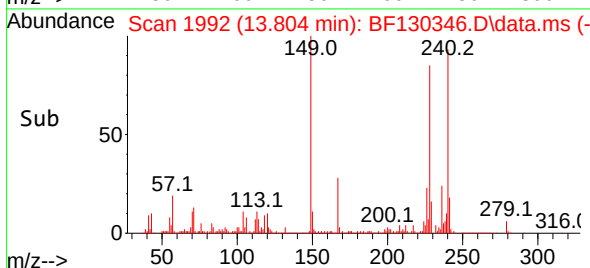
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

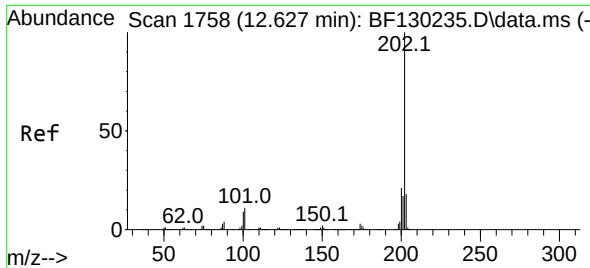


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



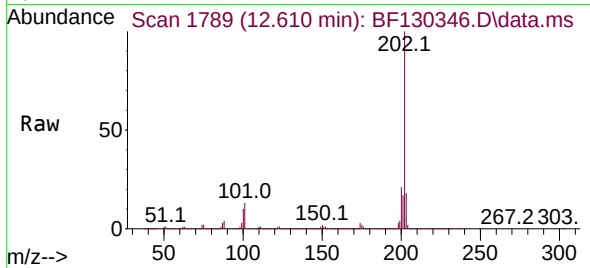
Tgt Ion:240 Resp: 222179
Ion Ratio Lower Upper
240 100
120 10.5 8.7 13.1
236 25.6 20.9 31.3





#78
Pyrene
Concen: 55.161 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

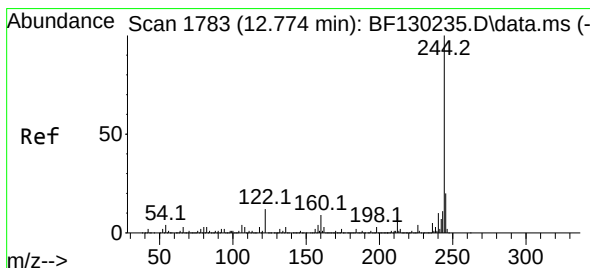
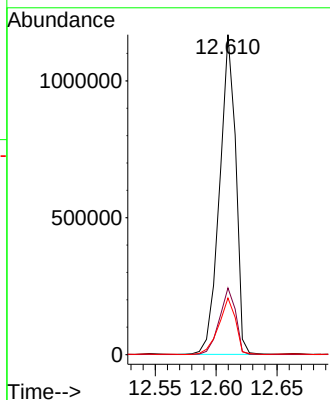
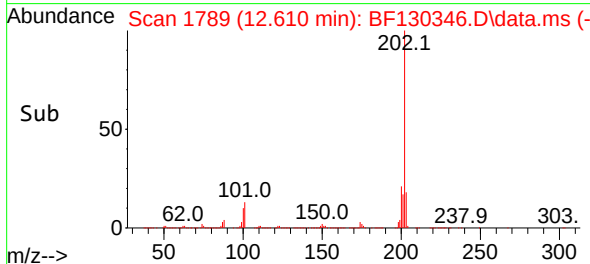
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



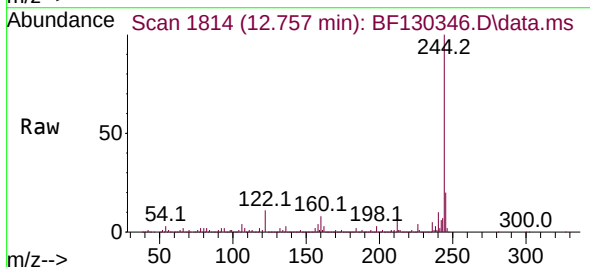
Tgt Ion:202 Resp: 107213
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.7 14.3 21.5

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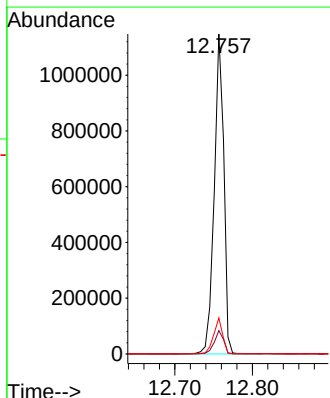
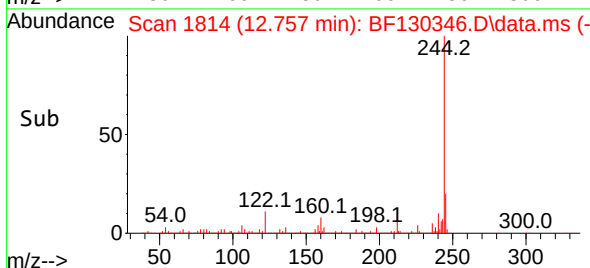
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

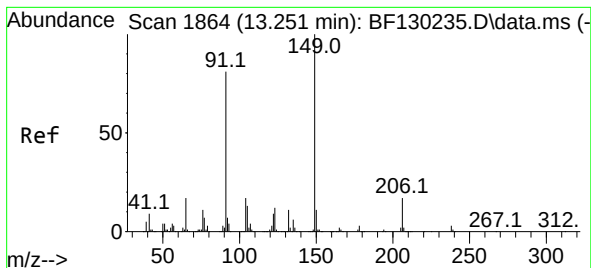


#79
Terphenyl-d14
Concen: 73.181 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



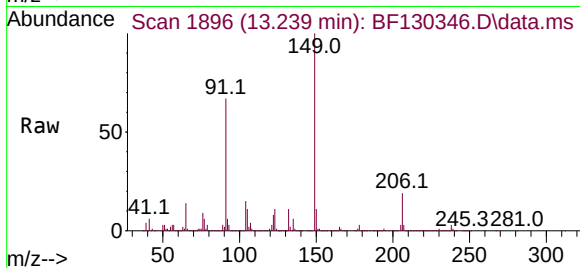
Tgt Ion:244 Resp: 981545
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.3 8.5 12.7





#80
Butylbenzylphthalate
Concen: 51.570 ng
RT: 13.239 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

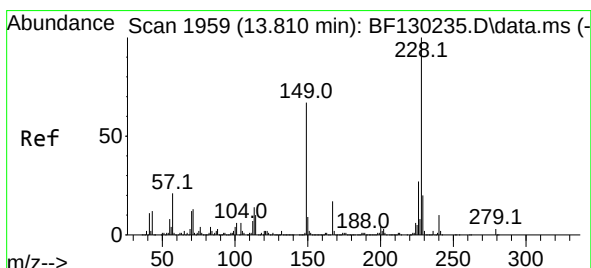
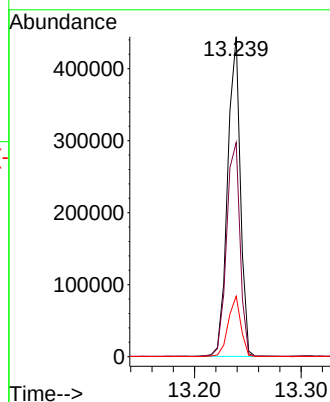
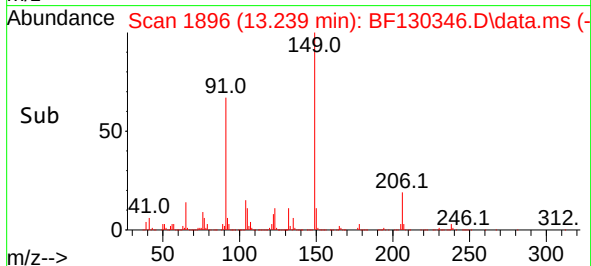
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:149 Resp: 371323
Ion Ratio Lower Upper
149 100
91 66.9 59.8 89.8
206 18.9 13.9 20.9

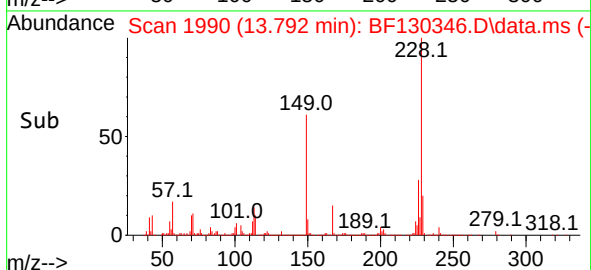
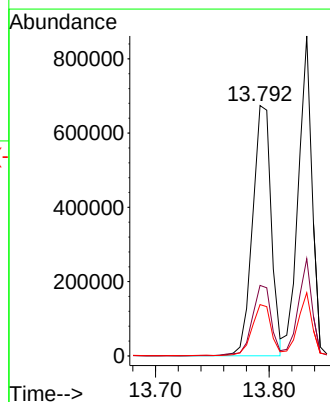
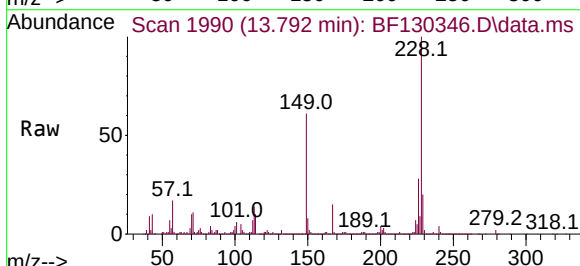
Manual Integrations
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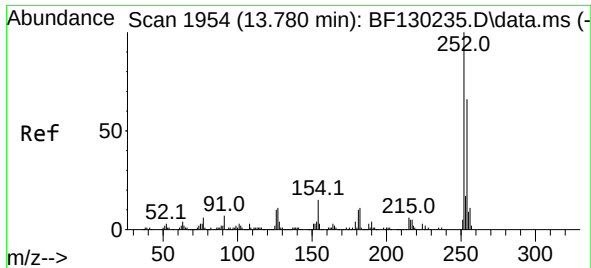
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#81
Benzo(a)anthracene
Concen: 51.900 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

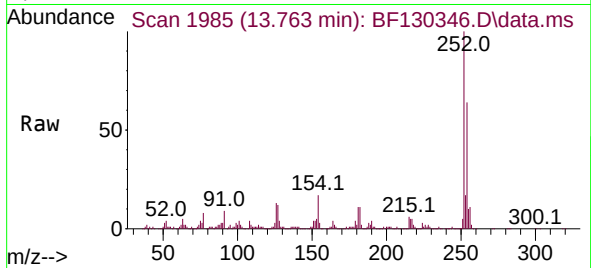
Tgt Ion:228 Resp: 767100
Ion Ratio Lower Upper
228 100
226 28.2 21.9 32.9
229 20.5 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 48.049 ng
RT: 13.763 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

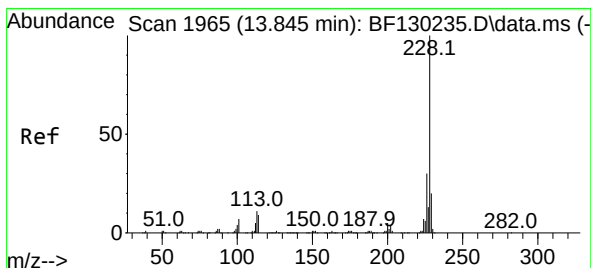
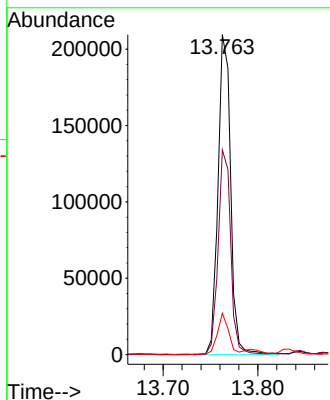
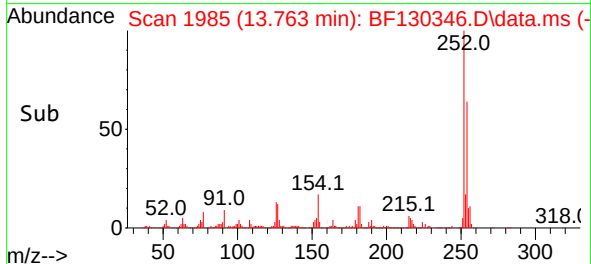
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



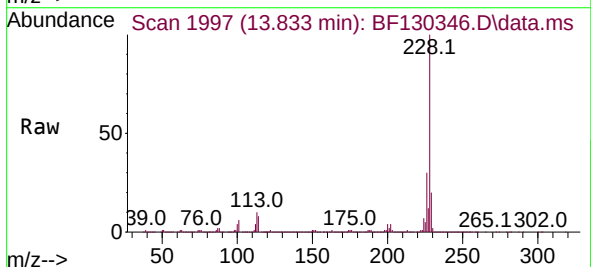
Tgt Ion:252 Resp: 193318
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 12.9 10.4 15.6

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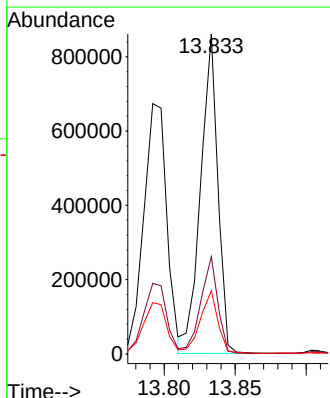
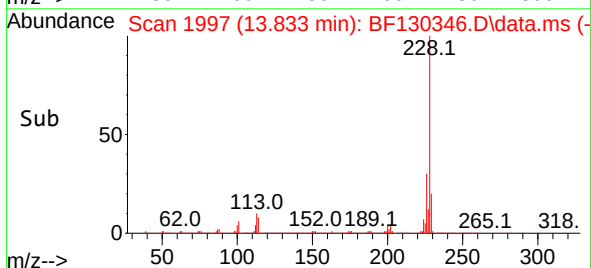
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

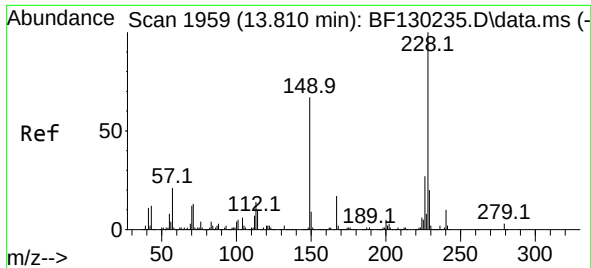


#83
Chrysene
Concen: 51.590 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



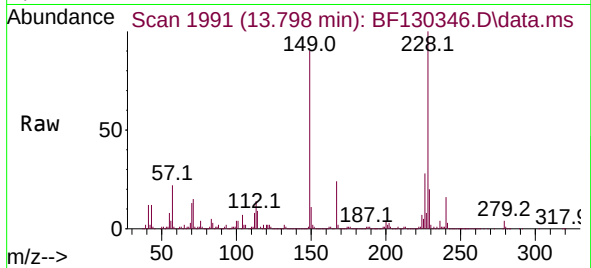
Tgt Ion:228 Resp: 724020
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.7 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 61.253 ng
RT: 13.798 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

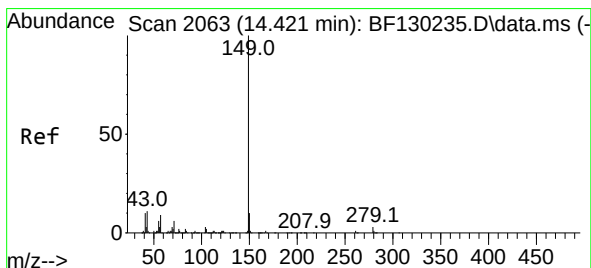
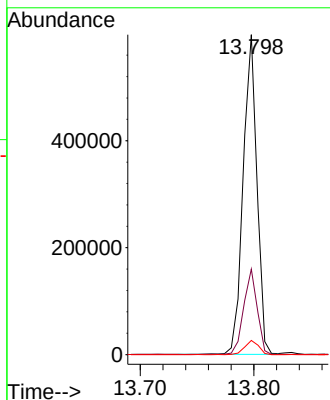
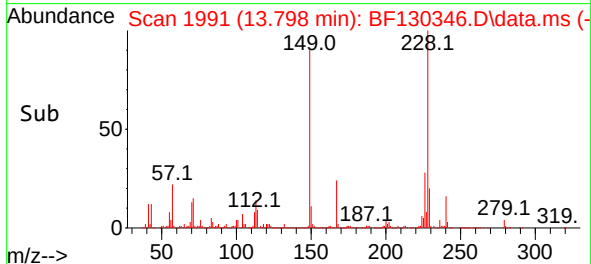
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



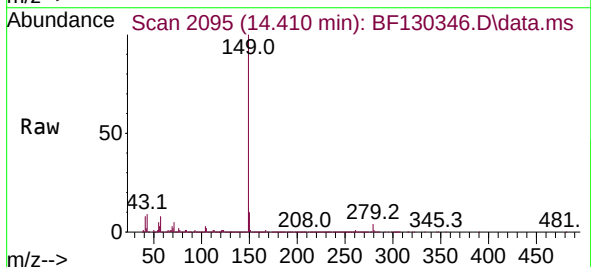
Tgt Ion:149 Resp: 505186
Ion Ratio Lower Upper
149 100
167 26.7 20.5 30.7
279 4.4 2.9 4.3

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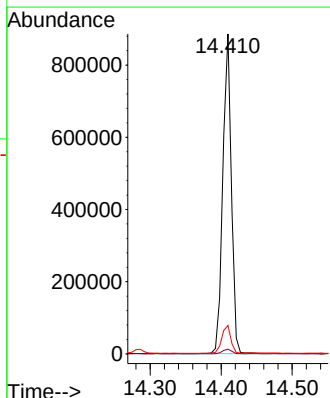
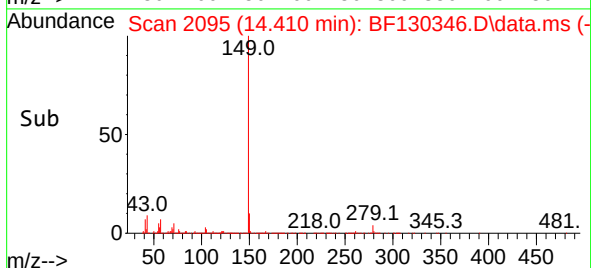
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

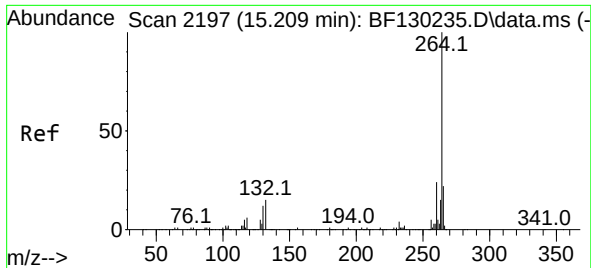


#85
Di-n-octyl phthalate
Concen: 58.853 ng
RT: 14.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



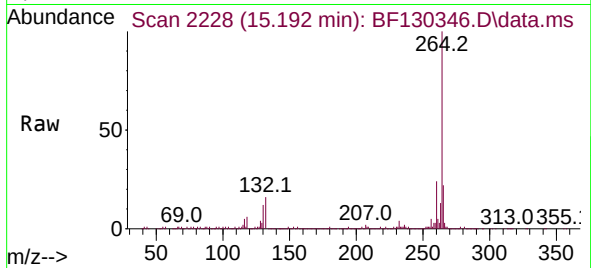
Tgt Ion:149 Resp: 742410
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

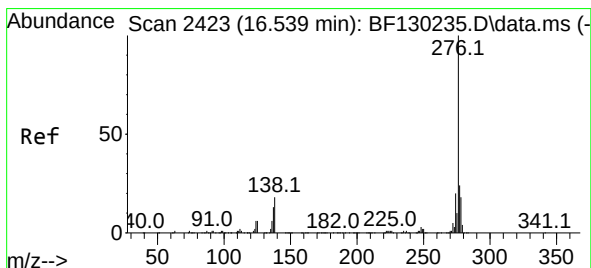
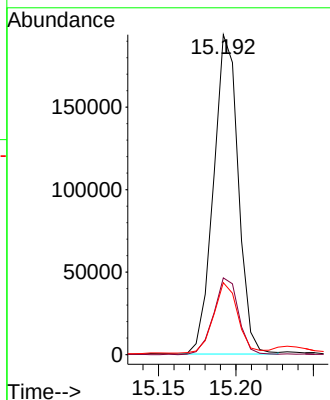
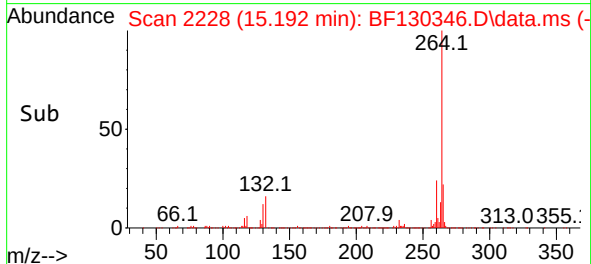
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



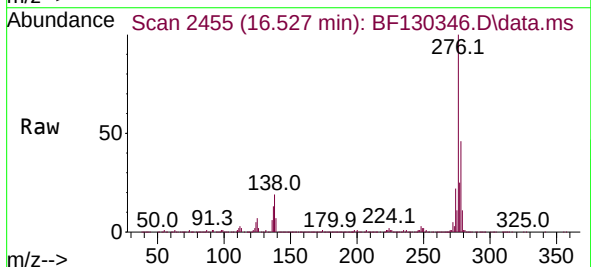
Tgt Ion:264 Resp: 214968
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.5 17.0 25.4

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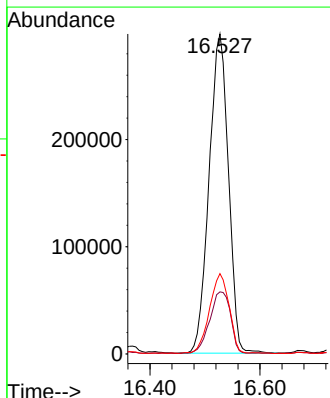
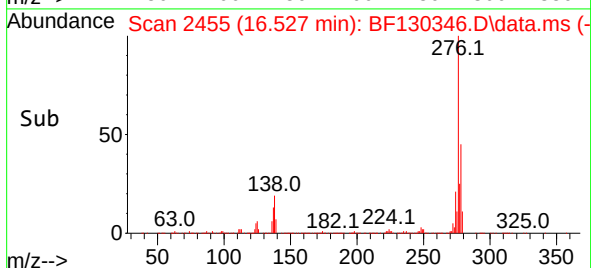
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

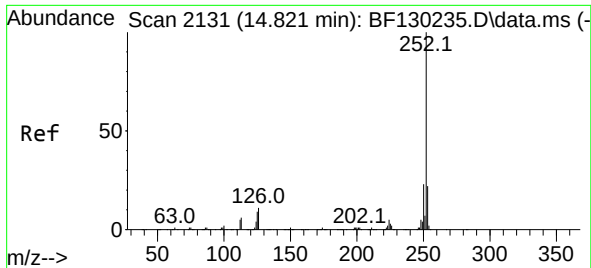


#87
Indeno(1,2,3-cd)pyrene
Concen: 47.681 ng
RT: 16.527 min Scan# 2455
Delta R.T. 0.018 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



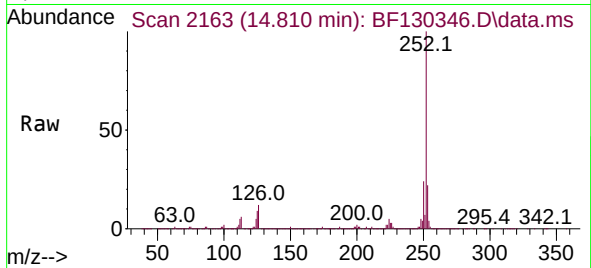
Tgt Ion:276 Resp: 726869
Ion Ratio Lower Upper
276 100
138 20.9 18.5 27.7
277 25.2 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 57.854 ng
RT: 14.810 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

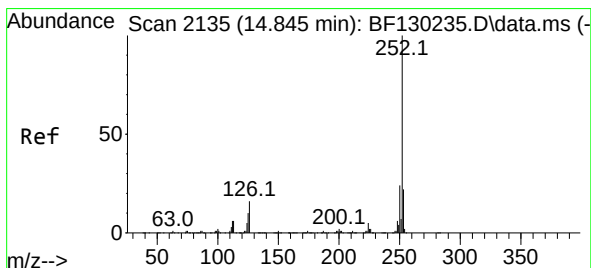
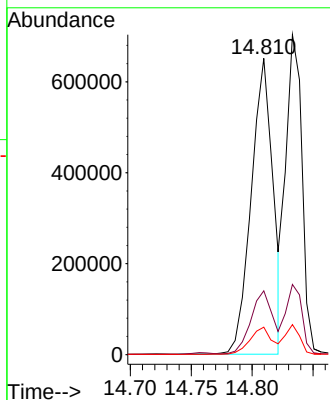
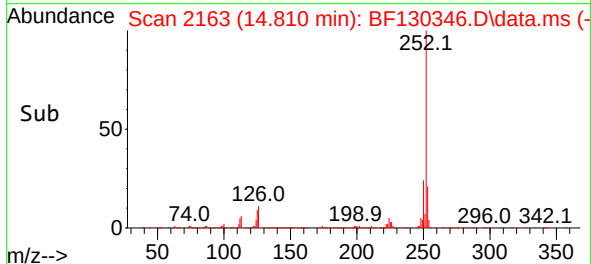
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:252 Resp: 811736
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.2 8.1 12.1

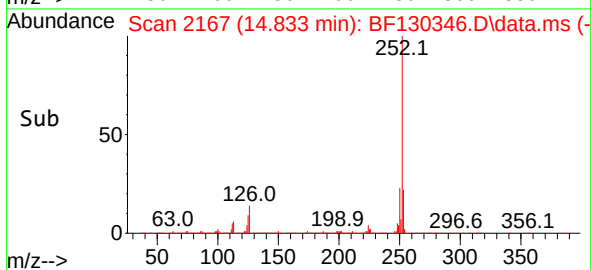
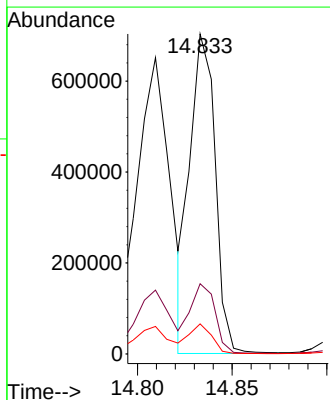
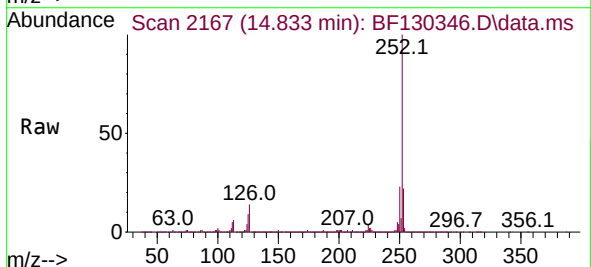
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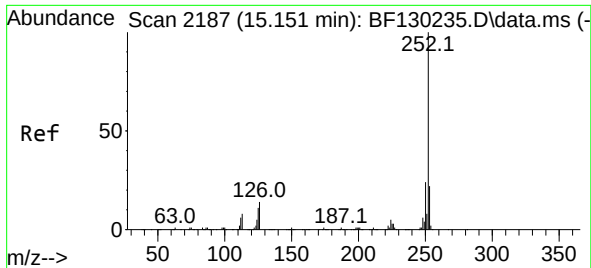
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#89
Benzo(k)fluoranthene
Concen: 47.116 ng
RT: 14.833 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

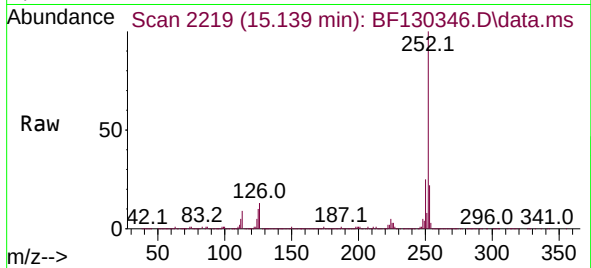
Tgt Ion:252 Resp: 650306
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.4 7.9 11.9





#90
Benzo(a)pyrene
Concen: 59.379 ng
RT: 15.139 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

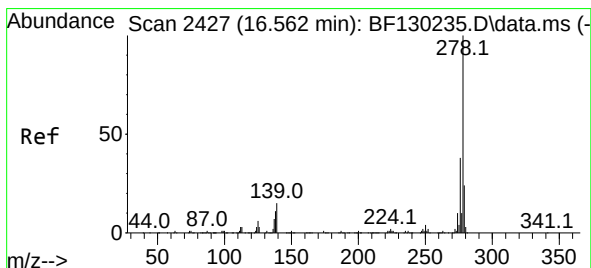
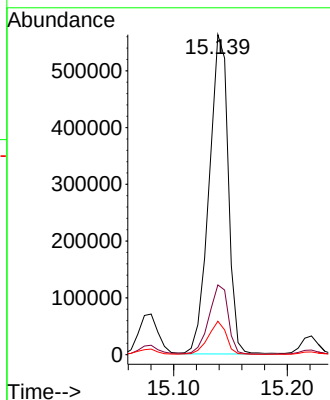
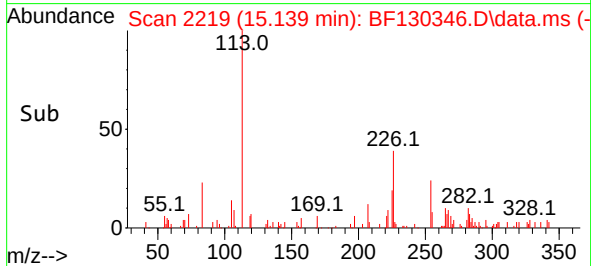
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



Tgt Ion:252 Resp: 660050
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.5 9.0 13.6

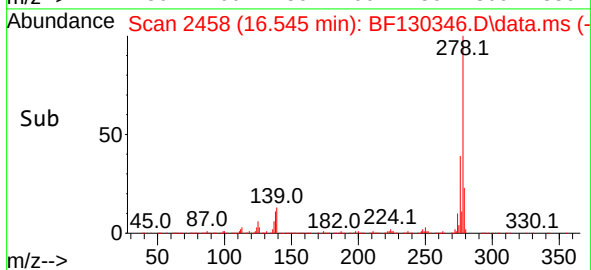
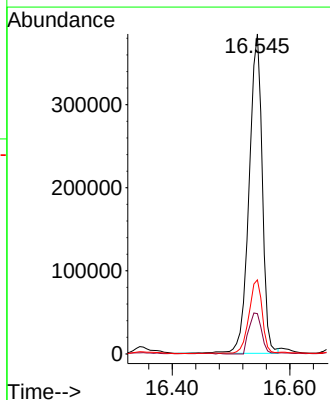
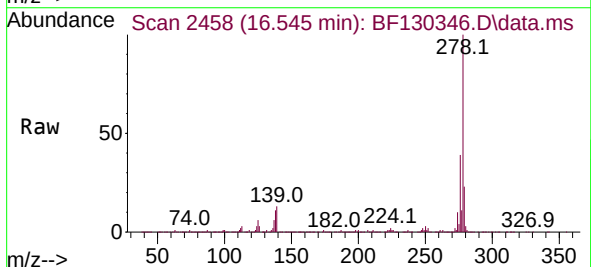
Manual Integrations
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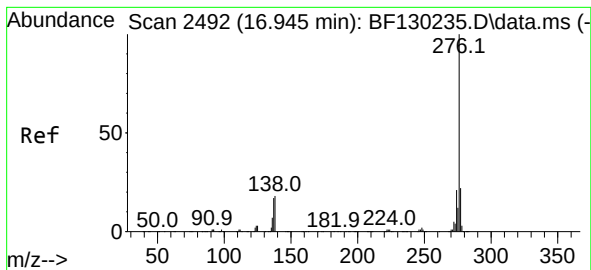
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#91
Dibenzo(a,h)anthracene
Concen: 47.741 ng
RT: 16.545 min Scan# 2458
Delta R.T. 0.018 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

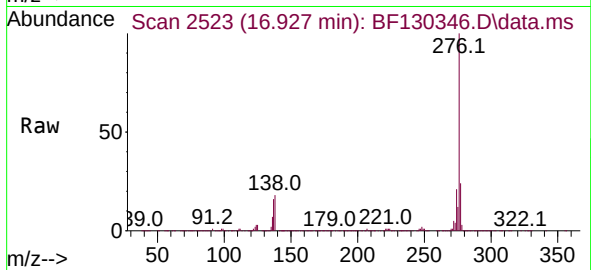
Tgt Ion:278 Resp: 597030
Ion Ratio Lower Upper
278 100
139 12.6 11.8 17.8
279 23.1 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 48.236 ng
 RT: 16.927 min Scan# 2523
 Delta R.T. 0.018 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS



Tgt Ion:276 Resp: 607652
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.6 27.8
 138 17.9 14.6 21.8

Manual Integrations
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 Supervised By :Jagrut Upadhyay 09/21/2022

