

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124946.D
 Acq On : 5 Aug 2021 14:36
 Operator : JU/CG
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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Quant Time: Aug 05 15:01:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	6991	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	26811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	14676	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	26116	20.000	ng	0.00
76) Chrysene-d12	13.998	240	19498	20.000	ng	0.00
86) Perylene-d12	15.457	264	16997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45347	106.256	ng	0.00
7) Phenol-d6	6.469	99	57890	107.576	ng	0.00
23) Nitrobenzene-d5	7.404	82	33511	65.386	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	14051	107.165	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	68736	68.532	ng	0.00
79) Terphenyl-d14	12.945	244	73773	63.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	974	6.100	ng	# 100
3) Pyridine	3.410	79	1717	4.628	ng	# 90
4) n-Nitrosodimethylamine	3.299	42	772	2.930	ng	96
6) Aniline	6.498	93	3001	5.279	ng	# 90
8) 2-Chlorophenol	6.622	128	2146	4.584	ng	92
9) Benzaldehyde	6.393	77	1863	6.363	ng	# 81
10) Phenol	6.481	94	2462	4.434	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	2236	5.368	ng	90
12) 1,3-Dichlorobenzene	6.775	146	2410	4.730	ng	96
13) 1,4-Dichlorobenzene	6.851	146	2475	4.859	ng	91
14) 1,2-Dichlorobenzene	7.004	146	2415	5.059	ng	96
15) Benzyl Alcohol	6.975	79	1838	4.735	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	7.110	45	3261	4.887	ng	78
17) 2-Methylphenol	7.081	107	1816	5.182	ng	95
18) Hexachloroethane	7.345	117	998	5.004	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	1484	4.648	ng	# 75
20) 3+4-Methylphenols	7.240	107	2385	5.127	ng	# 59
22) Acetophenone	7.240	105	3155	4.805	ng	# 88
24) Nitrobenzene	7.416	77	2189	4.414	ng	99
25) Isophorone	7.651	82	3744	4.280	ng	# 90
26) 2-Nitrophenol	7.734	139	1134	4.503	ng	# 87
27) 2,4-Dimethylphenol	7.769	122	1860	5.210	ng	# 79
28) bis(2-Chloroethoxy)met...	7.863	93	2352	4.724	ng	# 94
29) 2,4-Dichlorophenol	7.975	162	1645	4.136	ng	88
30) 1,2,4-Trichlorobenzene	8.057	180	2064	4.631	ng	99
31) Naphthalene	8.139	128	6853	4.975	ng	97
32) Benzoic acid	7.769	122	1860	14.869	ng	# 14
33) 4-Chloroaniline	8.187	127	2663	5.188	ng	# 93
34) Hexachlorobutadiene	8.257	225	1266	4.756	ng	# 81
35) Caprolactam	8.522	113	318	3.011	ng	94
36) 4-Chloro-3-methylphenol	8.663	107	1958	4.706	ng	# 88
37) 2-Methylnaphthalene	8.828	142	4481	4.838	ng	98
38) 1-Methylnaphthalene	8.928	142	4361	5.032	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	2276	5.403	ng	# 92
41) Hexachlorocyclopentadiene	8.981	237	393	7.676	ng	86
43) 2,4,6-Trichlorophenol	9.110	196	1195	4.261	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	1237	4.358	ng	91
46) 1,1'-Biphenyl	9.292	154	5843	5.343	ng	94
47) 2-Chloronaphthalene	9.316	162	4410	5.068	ng #	93
48) 2-Nitroaniline	9.410	65	1230	4.812	ng #	84
49) Acenaphthylene	9.733	152	6827	5.165	ng	96
50) Dimethylphthalate	9.586	163	5232	5.261	ng #	94
51) 2,6-Dinitrotoluene	9.651	165	1149	5.188	ng #	89
52) Acenaphthene	9.904	154	4081	5.093	ng	98
53) 3-Nitroaniline	9.822	138	1041	4.463	ng #	79
55) Dibenzofuran	10.075	168	6214	4.962	ng	92
56) 4-Nitrophenol	9.981	139	400	2.602	ng	91
57) 2,4-Dinitrotoluene	10.057	165	1351	4.493	ng	90
58) Fluorene	10.422	166	4796	4.995	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.192	232	746	3.503	ng #	77
60) Diethylphthalate	10.286	149	5014	4.913	ng	97
61) 4-Chlorophenyl-phenyle...	10.410	204	2214	4.883	ng	98
62) 4-Nitroaniline	10.428	138	1054	4.654	ng	80
63) Azobenzene	10.575	77	4581	4.590	ng	91
65) 4,6-Dinitro-2-methylph...	10.469	198	370	2.261	ng #	66
66) n-Nitrosodiphenylamine	10.528	169	4037	4.769	ng	92
67) 4-Bromophenyl-phenylether	10.904	248	1362	4.761	ng	97
68) Hexachlorobenzene	10.969	284	1502	4.826	ng #	86
69) Atrazine	11.051	200	1389	5.461	ng	95
71) Phenanthrene	11.380	178	6572m	4.639	ng	
72) Anthracene	11.433	178	7117	5.008	ng	96
73) Carbazole	11.586	167	6178	4.740	ng	95
74) Di-n-butylphthalate	11.916	149	8162	4.928	ng	97
75) Fluoranthene	12.569	202	6760	4.613	ng	97
77) Benzidine	12.692	184	3812	7.307	ng	98
78) Pyrene	12.798	202	6898	4.491	ng	95
80) Butylbenzylphthalate	13.416	149	2950	4.316	ng	97
81) Benzo(a)anthracene	13.986	228	6082	4.787	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	2236	6.675	ng #	88
83) Chrysene	14.021	228	6097	4.964	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	4535	4.783	ng #	99
85) Di-n-octyl phthalate	14.580	149	6902	4.614	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	4394	4.341	ng #	83
88) Benzo(b)fluoranthene	15.027	252	5366	4.496	ng	99
89) Benzo(k)fluoranthene	15.063	252	4989	4.595	ng #	98
90) Benzo(a)pyrene	15.398	252	4756	4.680	ng #	91
91) Dibenzo(a,h)anthracene	16.927	278	3619	4.067	ng #	78
92) Benzo(g,h,i)perylene	17.357	276	3365	3.942	ng #	87

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

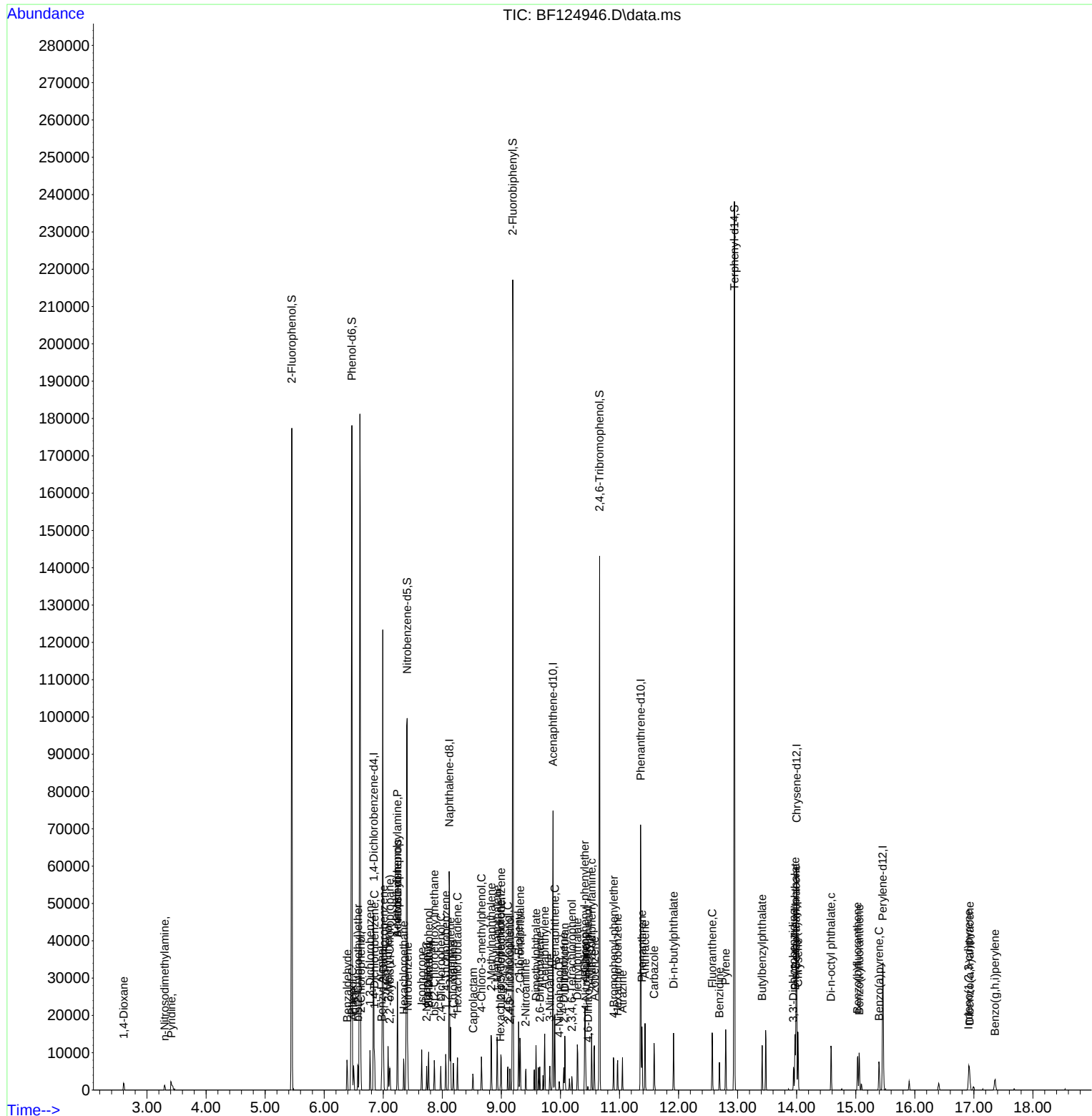
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Data File : BF124946.D
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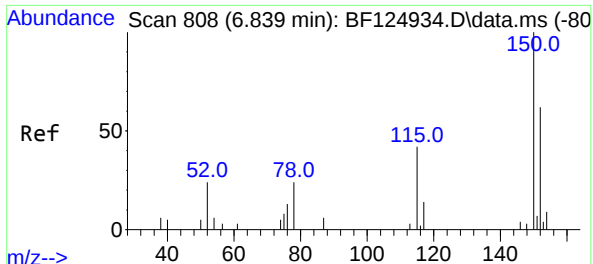
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BNA_F
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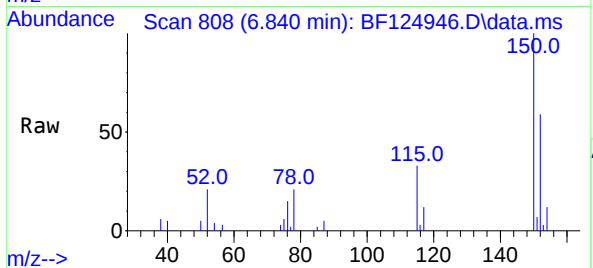
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

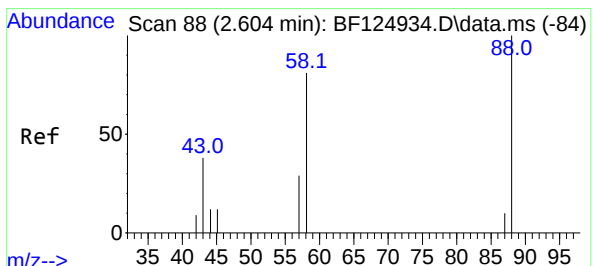
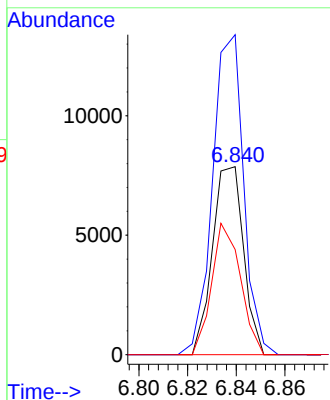
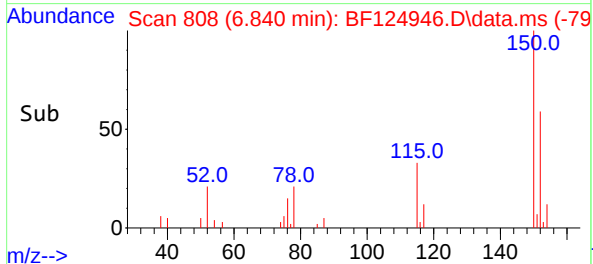
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BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



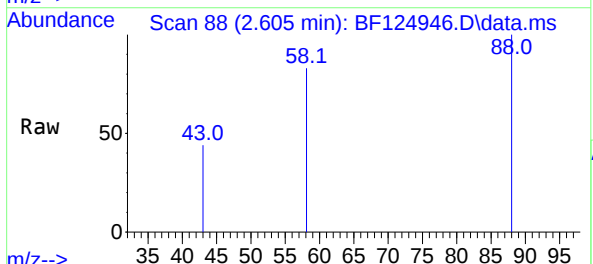
Tgt Ion:152 Resp: 6991
Ion Ratio Lower Upper
152 100
150 170.2 117.6 176.4
115 55.9 47.1 70.7

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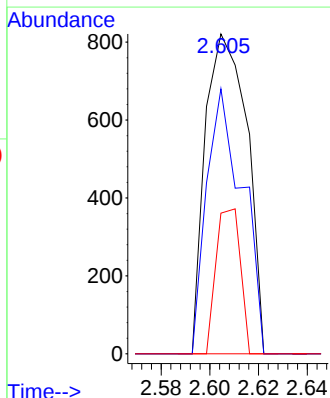
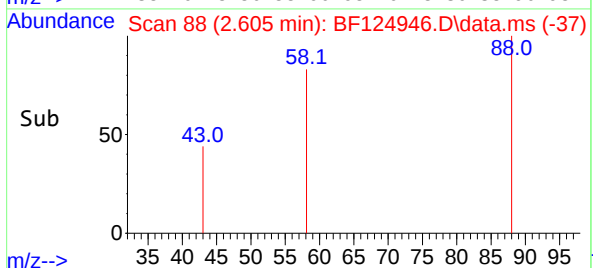
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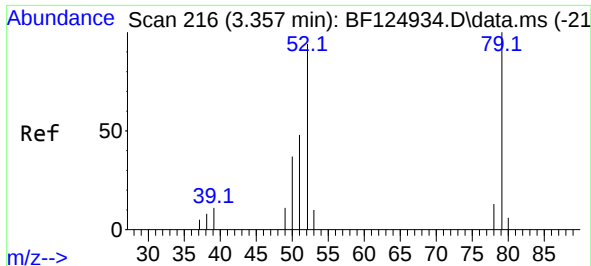


#2
1,4-Dioxane
Concen: 6.100 ng
RT: 2.605 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



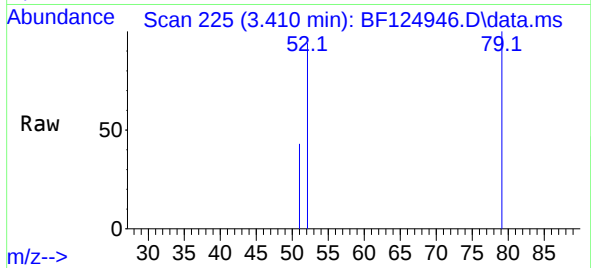
Tgt Ion: 88 Resp: 974
Ion Ratio Lower Upper
88 100
58 71.5 0.0 0.0#
43 26.6 0.0 0.0#





#3
Pyridine
Concen: 4.628 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.053 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

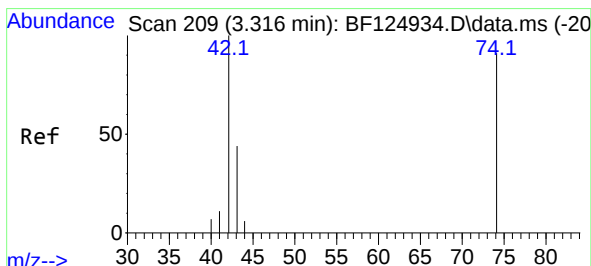
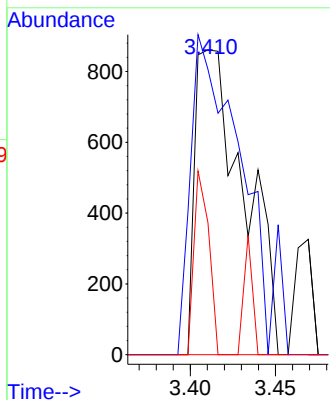
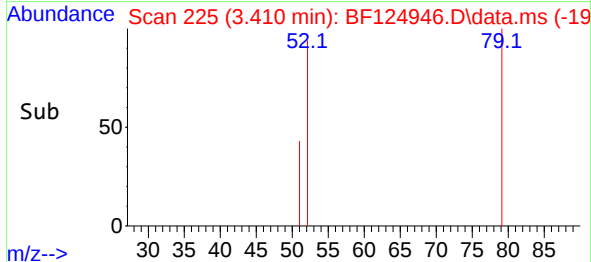
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021



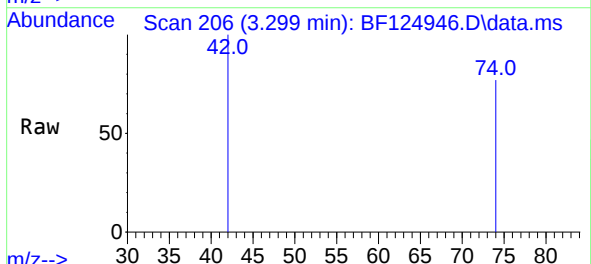
Tgt Ion: 79 Resp: 1717
Ion Ratio Lower Upper
79 100
52 93.6 70.3 105.5
51 43.3 44.1 66.1#

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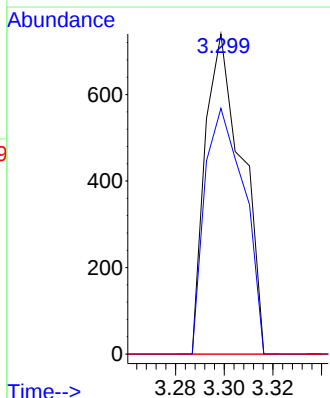
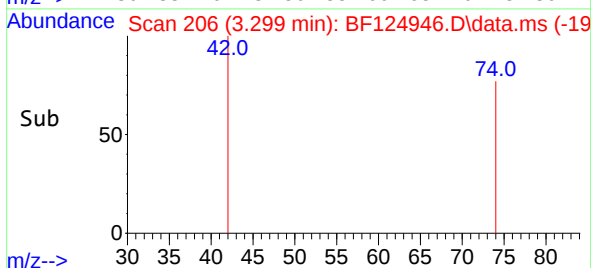
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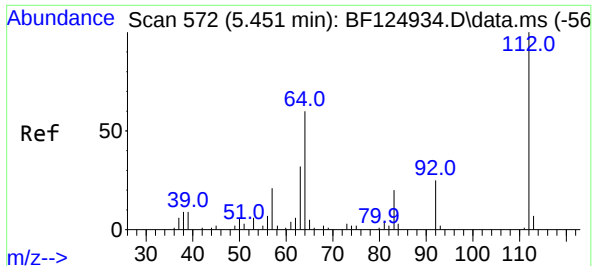


#4
n-Nitrosodimethylamine
Concen: 2.930 ng
RT: 3.299 min Scan# 206
Delta R.T. -0.017 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



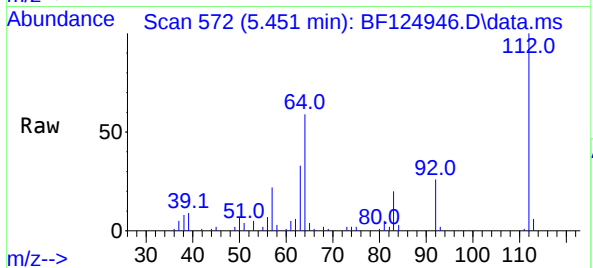
Tgt Ion: 42 Resp: 772
Ion Ratio Lower Upper
42 100
74 76.8 59.0 88.6
44 0.0 0.0 0.0





#5
2-Fluorophenol
Concen: 106.256 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

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BNA_F
ClientSampleId :
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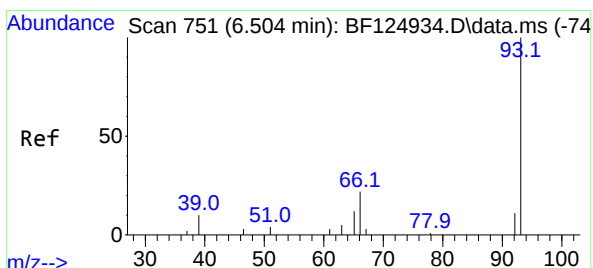
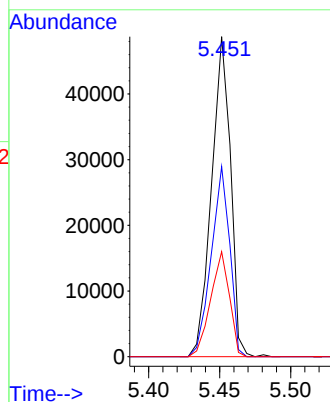


Tgt Ion: 112 Resp: 45347

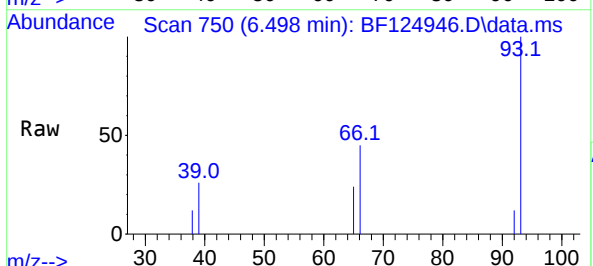
Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.2	66.2
63	32.8	26.2	39.2

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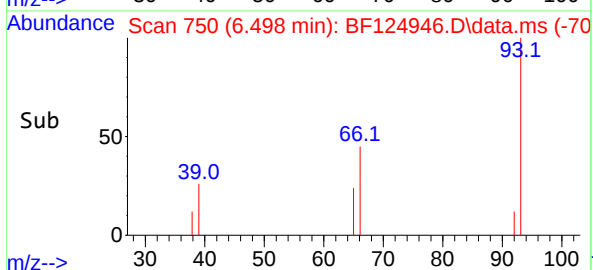
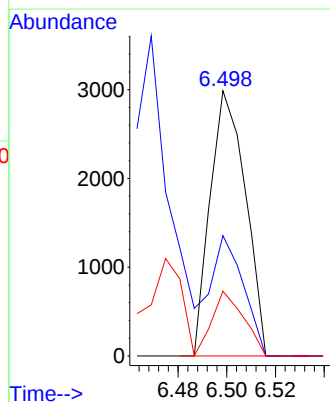


#6
Aniline
Concen: 5.279 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

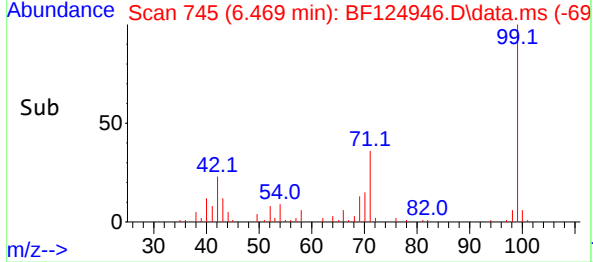
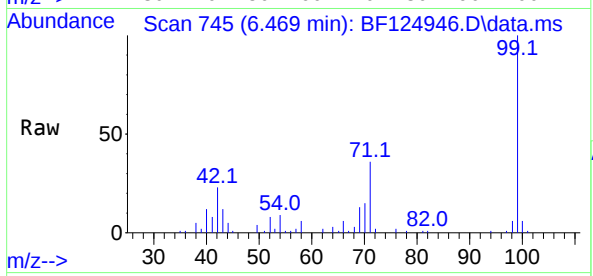
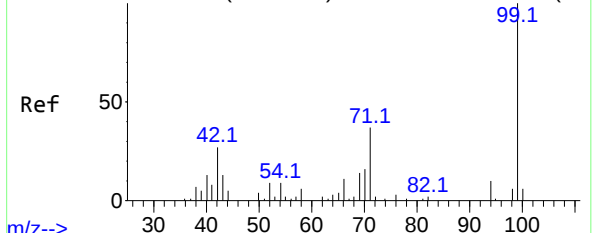


Tgt Ion: 93 Resp: 3001

Ion	Ratio	Lower	Upper
93	100		
66	45.4	32.7	49.1
65	24.5	14.2	21.4

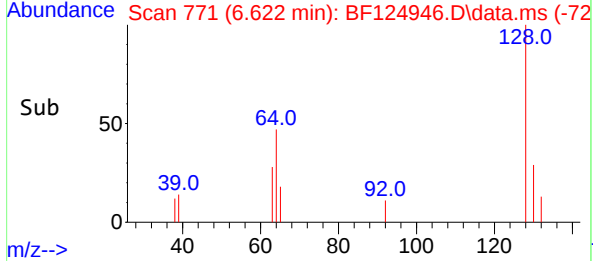
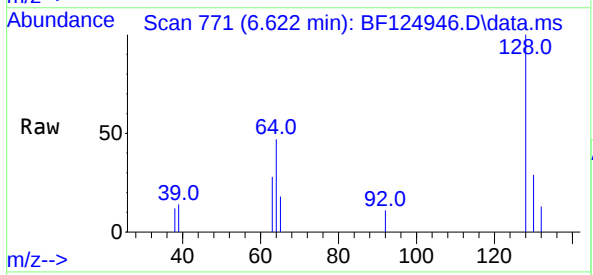
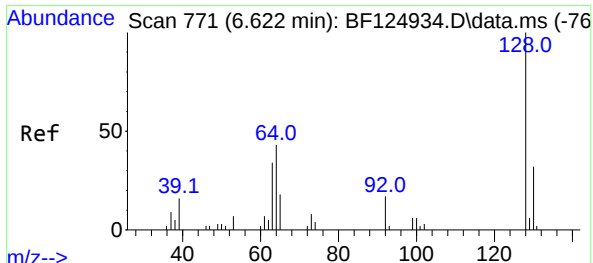
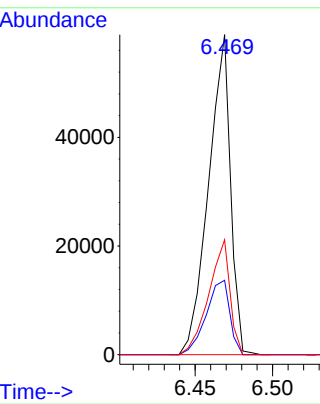


Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



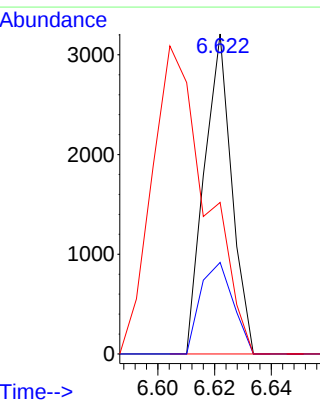
#7
Phenol-d6
Concen: 107.576 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	99	Resp:	57890
Ion	Ratio	Lower	Upper
99	100		
42	23.2	23.5	35.3#
71	35.9	25.6	38.4



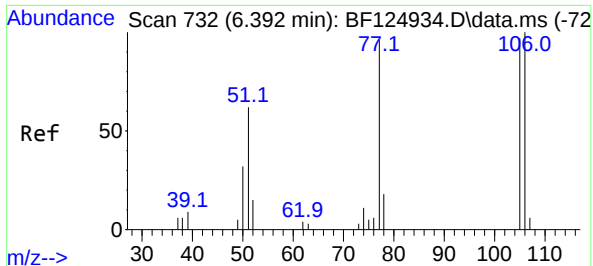
#8
2-Chlorophenol
Concen: 4.584 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	128	Resp:	2146
Ion	Ratio	Lower	Upper
128	100		
130	28.6	10.5	50.5
64	47.4	20.3	60.3



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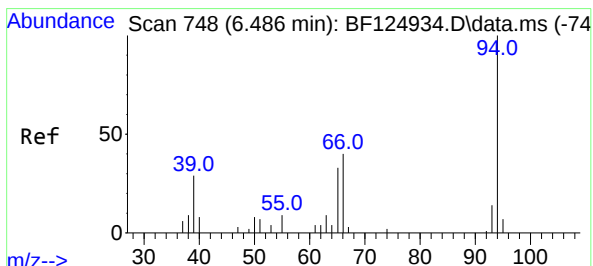
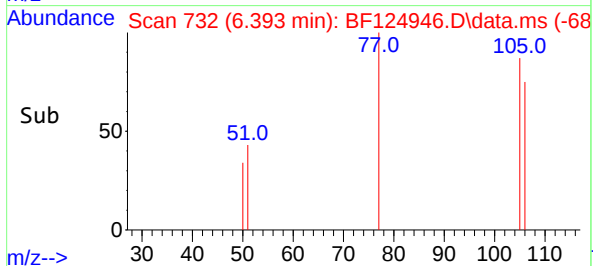
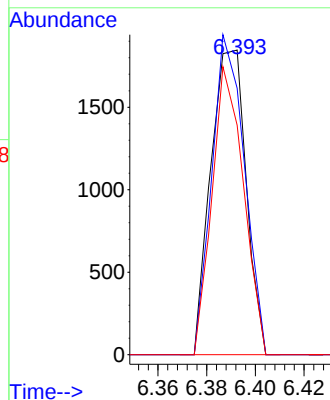
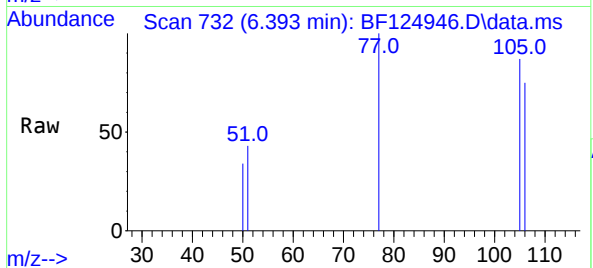
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Benzaldehyde
Concen: 6.363 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.001 min
Lab File: BF124946.D
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Tgt Ion: 77	Resp: 1863
Ion Ratio	Lower Upper
77 100	
105 87.4	75.9 115.9
106 75.3	84.0 124.0#

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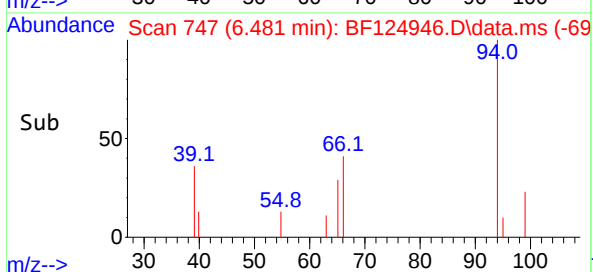
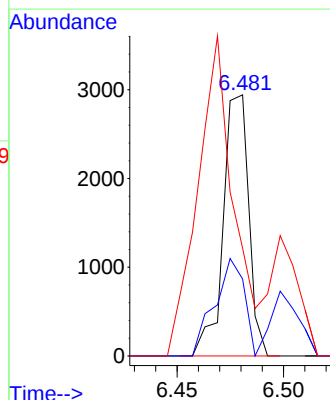
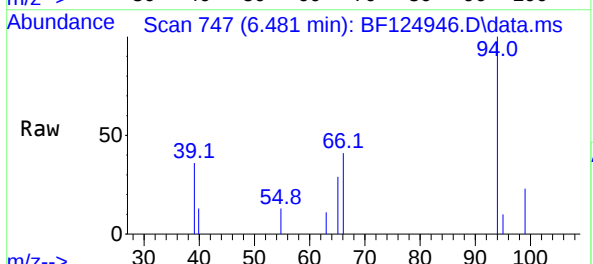
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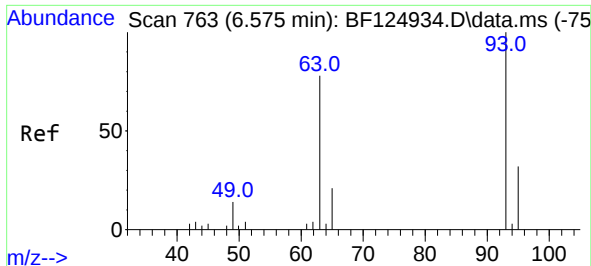
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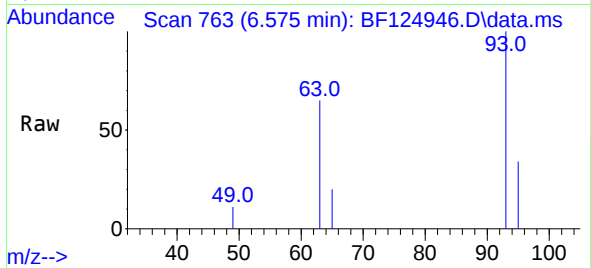
#10
Phenol
Concen: 4.434 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 94	Resp: 2462
Ion Ratio	Lower Upper
94 100	
65 29.5	9.3 49.3
66 41.3	20.3 60.3

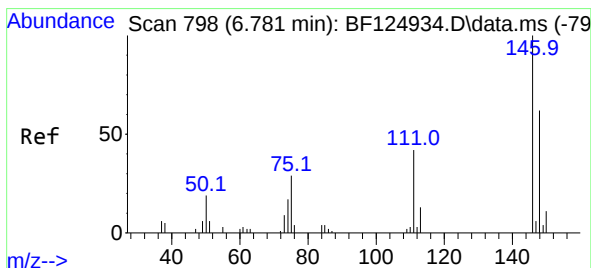
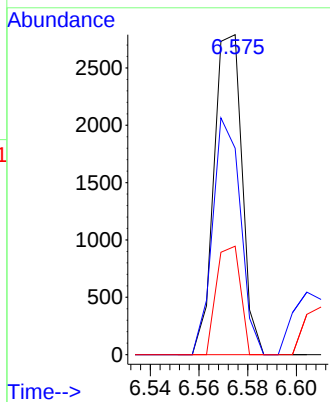
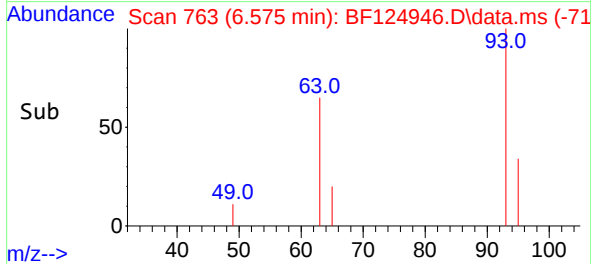




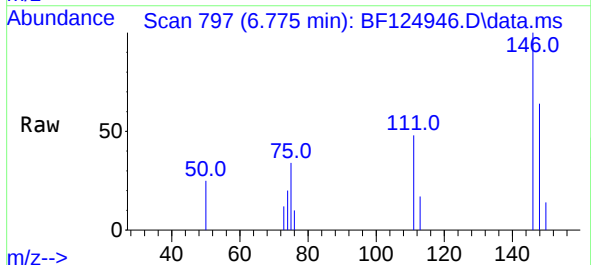
#11
bis(2-Chloroethyl)ether
Concen: 5.368 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



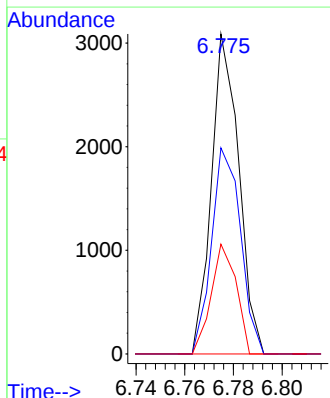
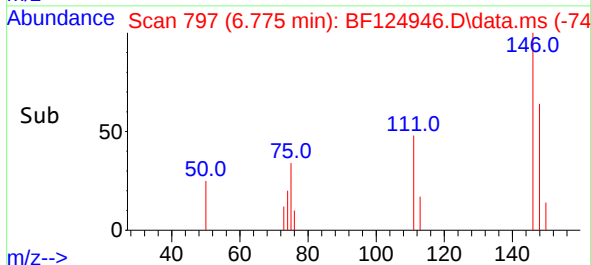
Tgt Ion: 93	Resp: 2236
Ion Ratio	Lower Upper
93 100	
63 64.5	54.4 94.4
95 33.9	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 4.730 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



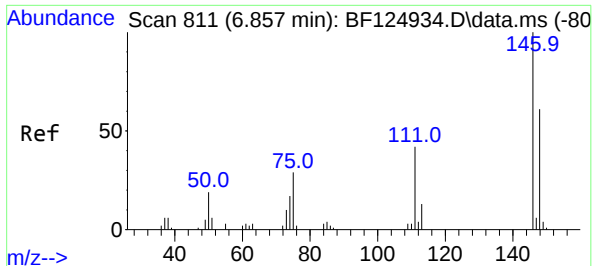
Tgt Ion:146	Resp:	2410	
Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.7	74.5
75	34.3	25.2	37.8



Instrument :
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ClientSampleId :
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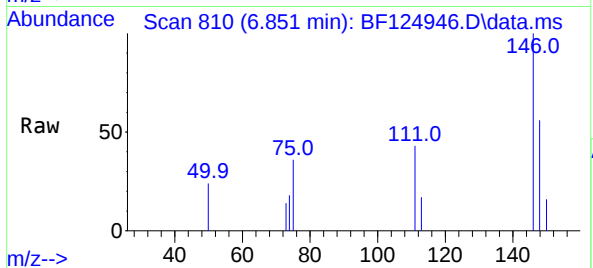
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#13
1,4-Dichlorobenzene
Concen: 4.859 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

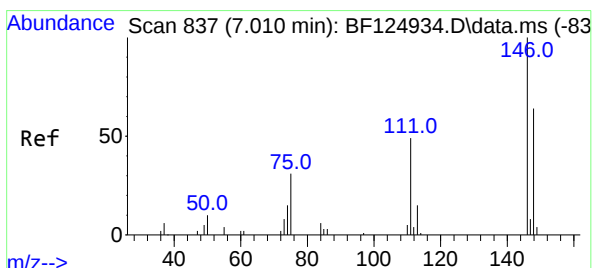
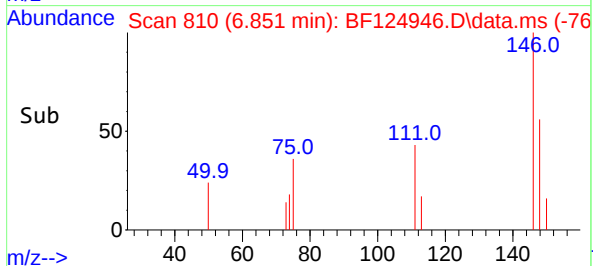
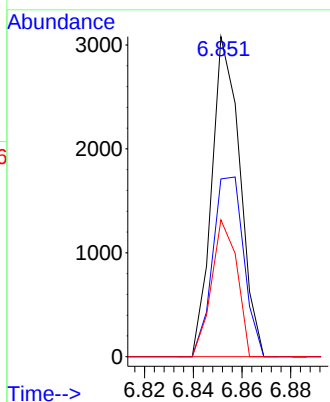
Instrument :
BNA_F
ClientSampleId :
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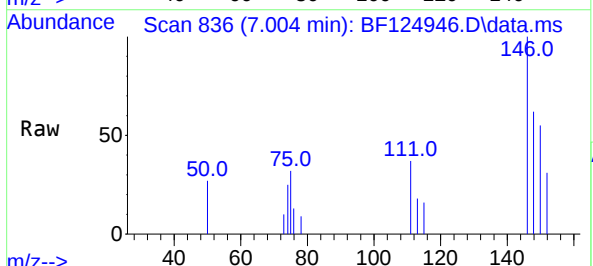
Tgt Ion:146 Resp: 2475
Ion Ratio Lower Upper
146 100
148 55.6 51.9 77.9
111 42.8 31.8 47.6

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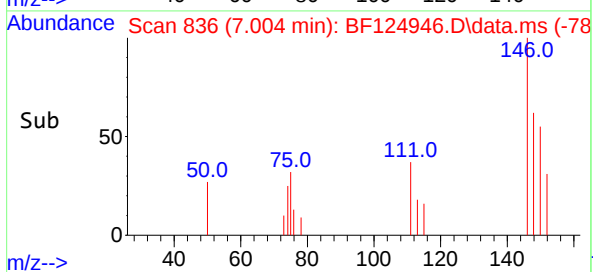
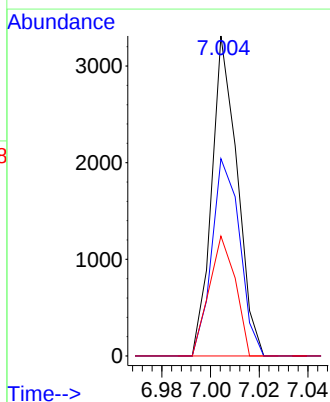
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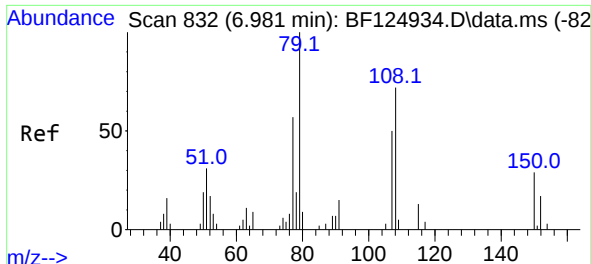


#14
1,2-Dichlorobenzene
Concen: 5.059 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



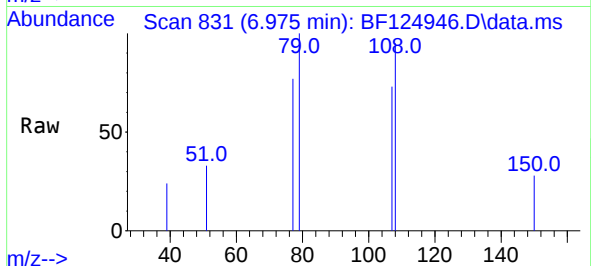
Tgt Ion:146 Resp: 2415
Ion Ratio Lower Upper
146 100
148 61.7 50.6 75.8
111 37.5 33.5 50.3





#15
Benzyl Alcohol
Concen: 4.735 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

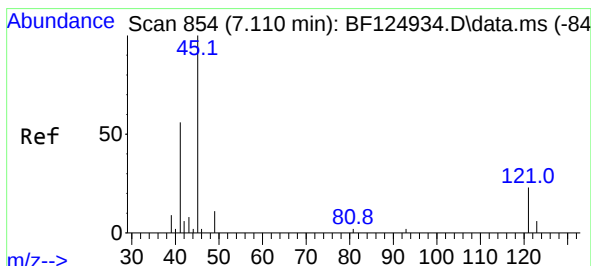
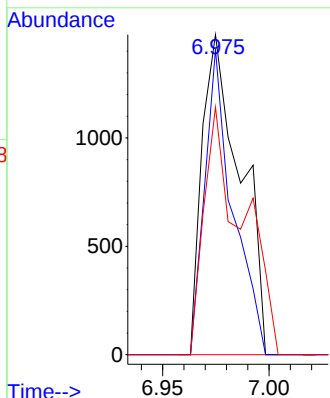
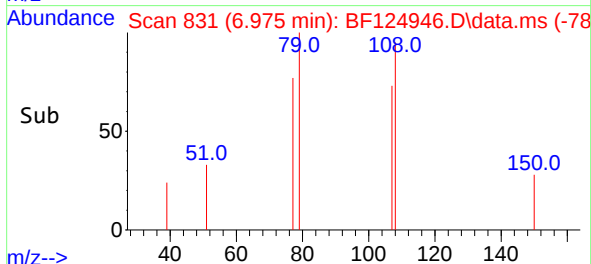
Instrument :
BNA_F
ClientSampleId :
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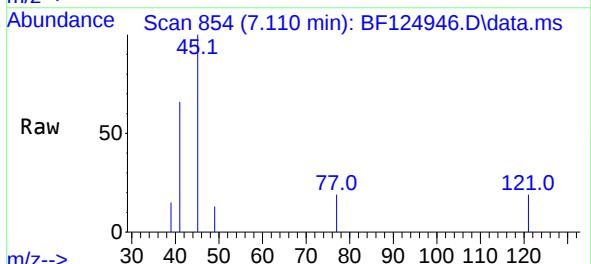
Tgt Ion: 79 Resp: 1838
Ion Ratio Lower Upper
79 100
108 95.5 60.4 90.6#
77 77.4 51.5 77.3#

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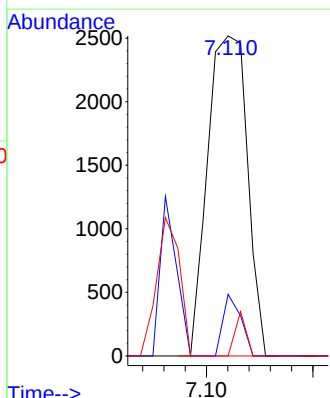
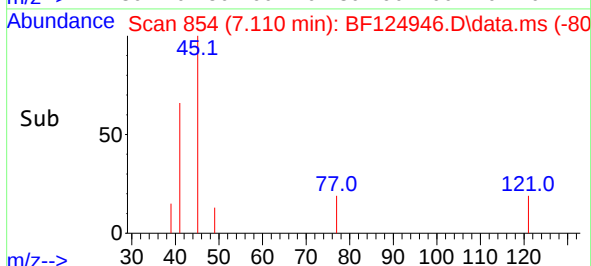
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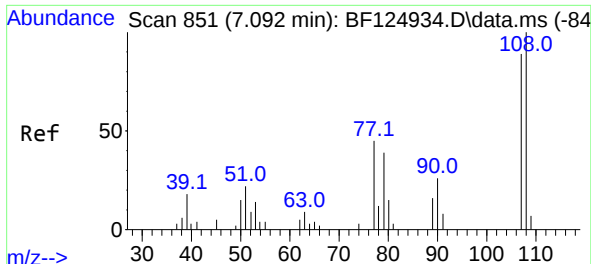


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.887 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



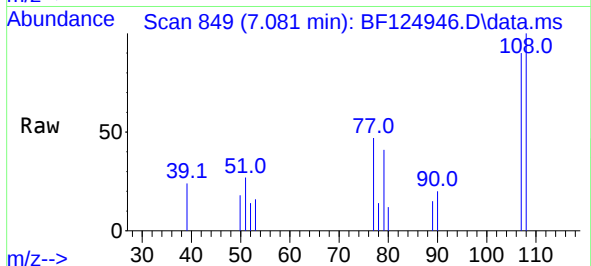
Tgt Ion: 45 Resp: 3261
Ion Ratio Lower Upper
45 100
77 19.2 0.0 30.6
79 0.0 0.0 27.5





#17
2-Methylphenol
Concen: 5.182 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

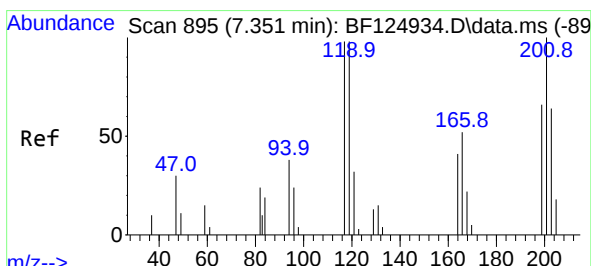
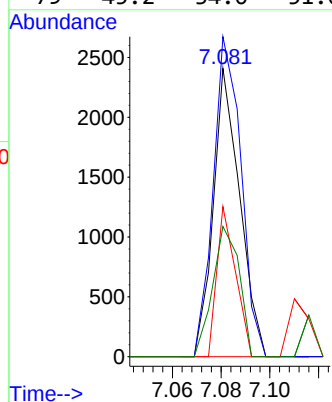
Instrument :
BNA_F
ClientSampleId :
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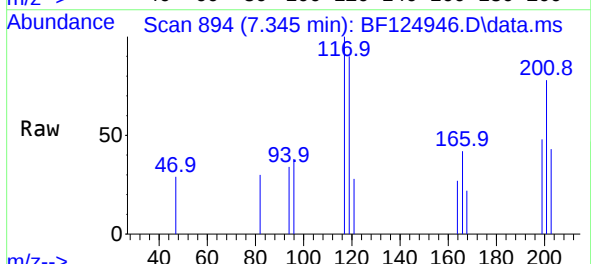
Tgt Ion:	107	Resp:	1816
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.6	135.8
77	52.1	35.7	53.5
79	45.2	34.0	51.0

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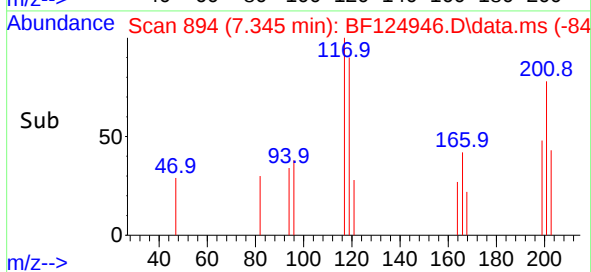
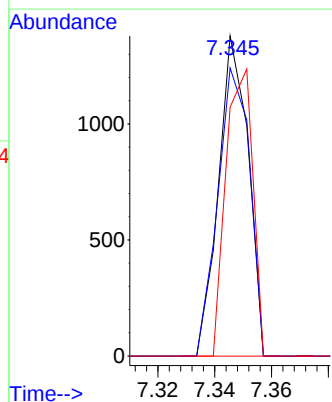
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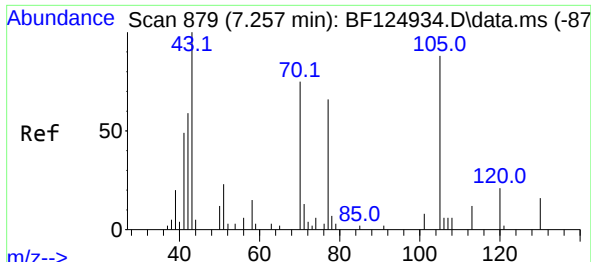


#18
Hexachloroethane
Concen: 5.004 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:	117	Resp:	998
Ion	Ratio	Lower	Upper
117	100		
119	90.0	73.4	110.2
201	77.7	64.9	97.3





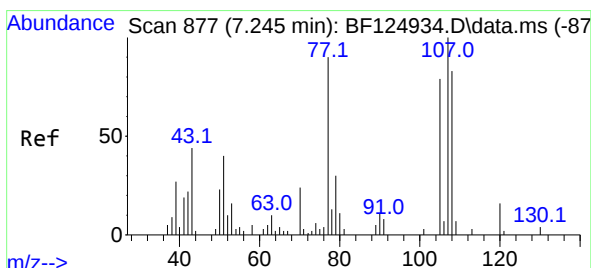
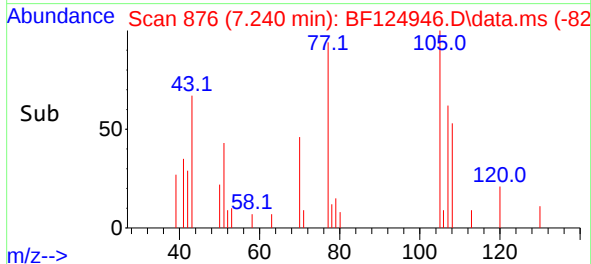
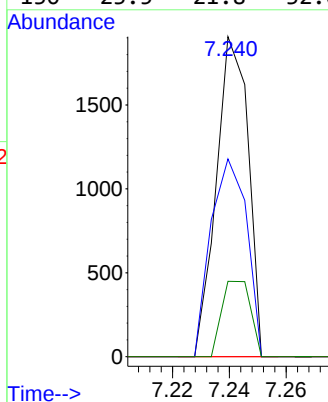
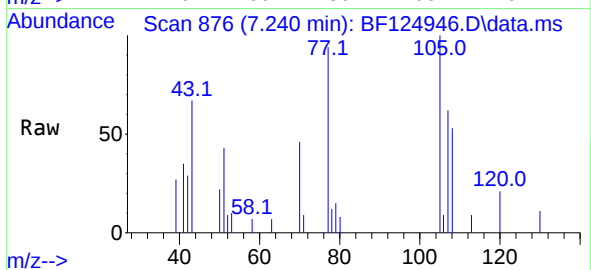
#19
n-Nitroso-di-n-propylamine
Concen: 4.648 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.017 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	70	Resp:	1484
Ion	Ratio	Lower	Upper
70	100		
42	61.8	72.2	108.2#
101	0.0	7.8	11.8#
130	23.5	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

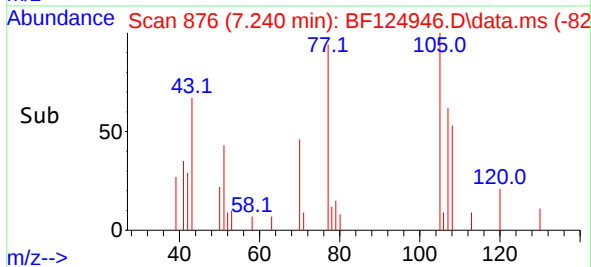
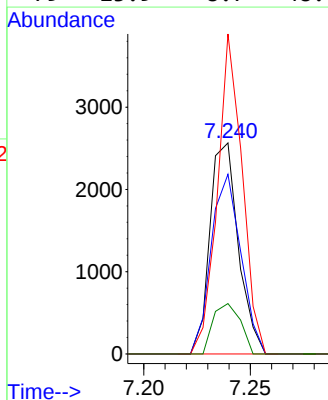
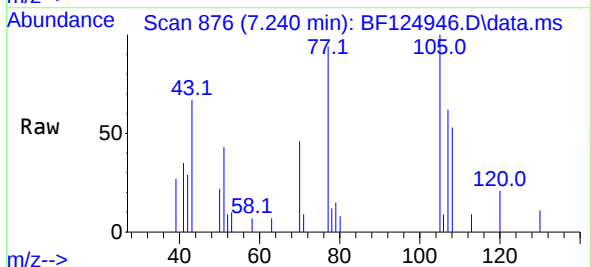
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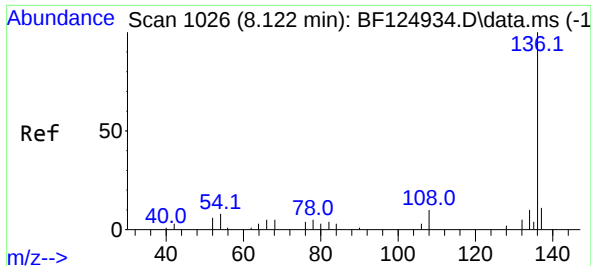
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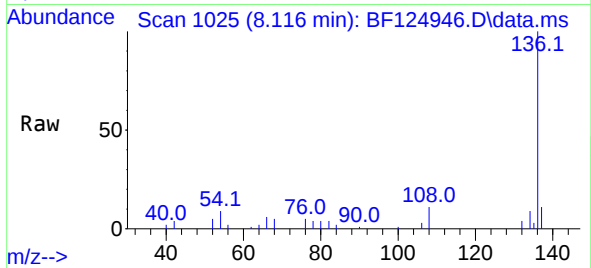
#20
3+4-Methylphenols
Concen: 5.127 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	107	Resp:	2385
Ion	Ratio	Lower	Upper
107	100		
108	85.2	76.6	116.6
77	151.6	53.3	93.3#
79	23.9	8.7	48.7

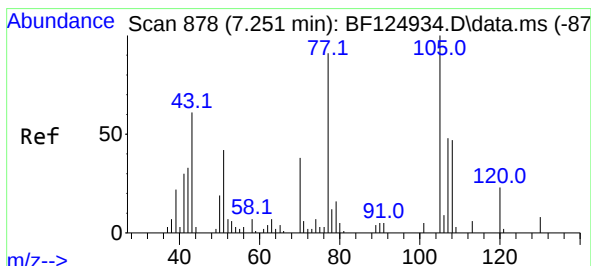
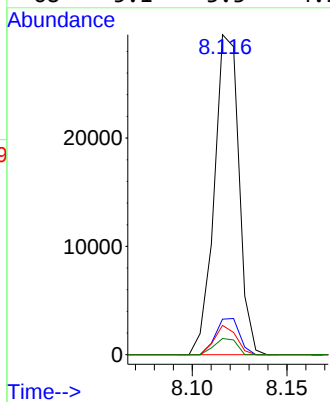
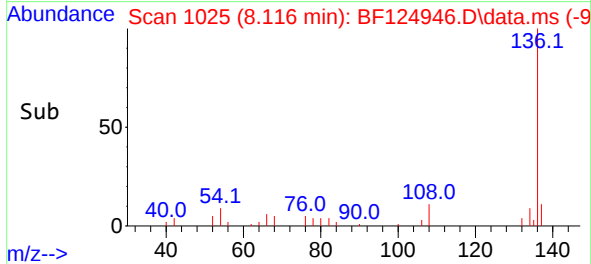




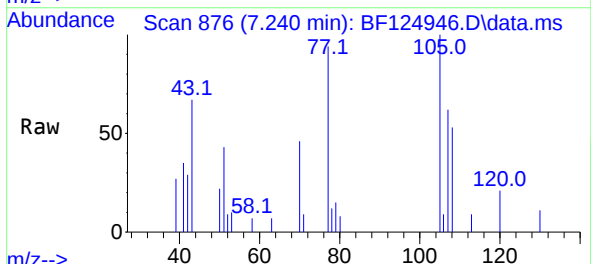
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



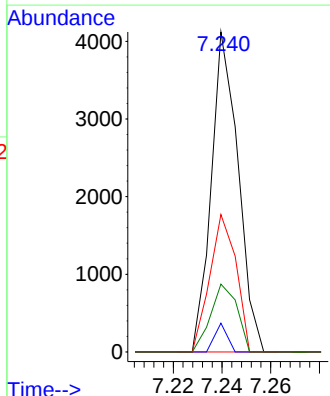
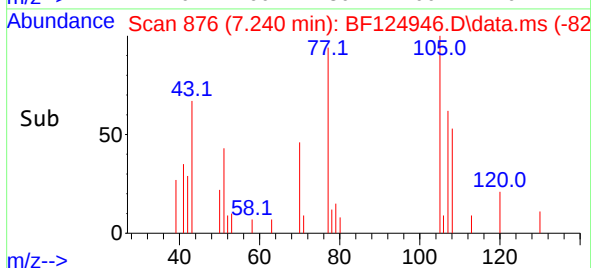
Tgt Ion:136 Resp: 26811
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.1 6.4 9.6
68 5.1 3.3 4.9#



#22
Acetophenone
Concen: 4.805 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:105 Resp: 3155
Ion Ratio Lower Upper
105 100
71 9.0 5.5 8.3#
51 43.0 26.0 39.0#
120 21.2 18.5 27.7



Instrument :
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ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 65.386 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF124946.D

Acq: 5 Aug 2021 14:36

Tgt Ion:	82	Resp:	33511
Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.6	60.8
54	57.2	49.6	74.4

Instrument :

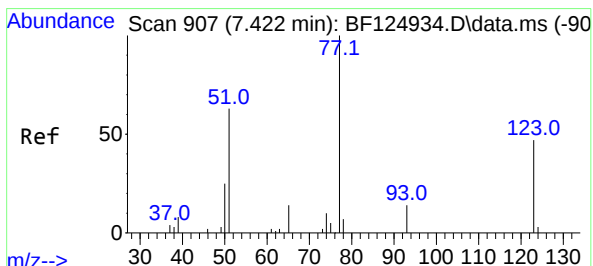
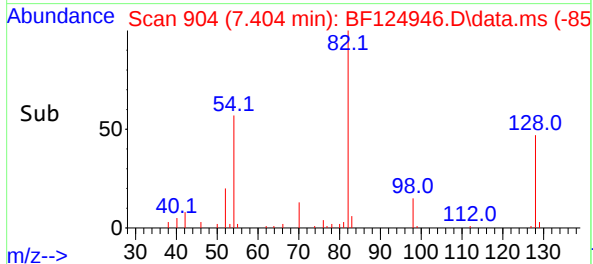
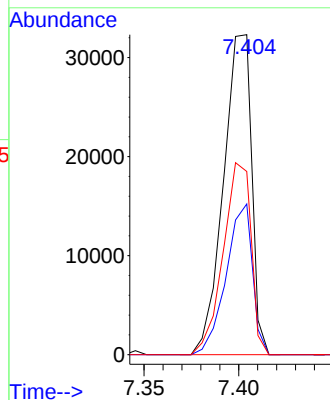
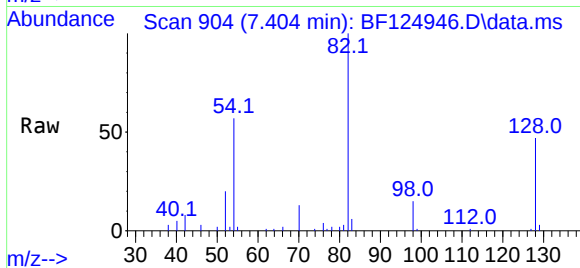
BNA_F

ClientSampleId :

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#24

Nitrobenzene

Concen: 4.414 ng

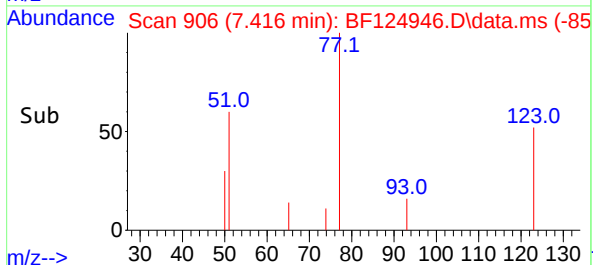
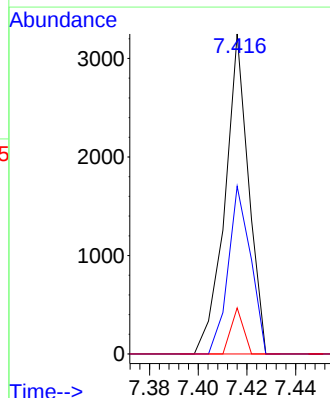
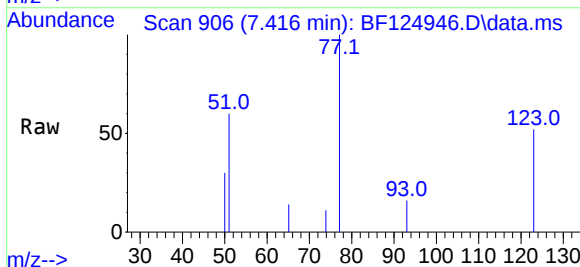
RT: 7.416 min Scan# 906

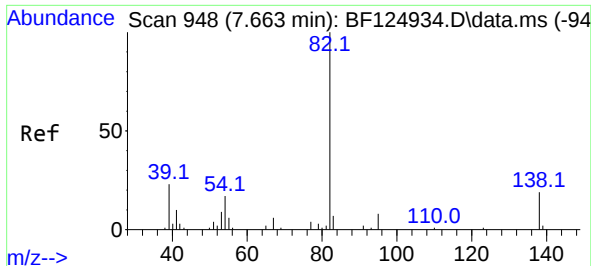
Delta R.T. -0.006 min

Lab File: BF124946.D

Acq: 5 Aug 2021 14:36

Tgt Ion:	77	Resp:	2189
Ion	Ratio	Lower	Upper
77	100		
123	52.4	42.3	63.5
65	14.4	12.4	18.6





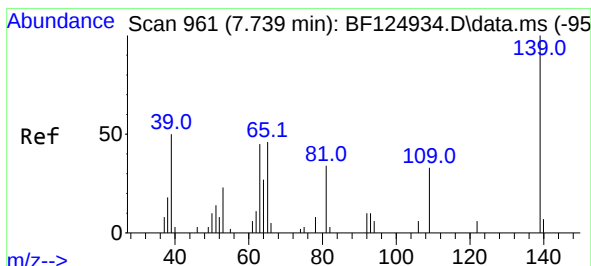
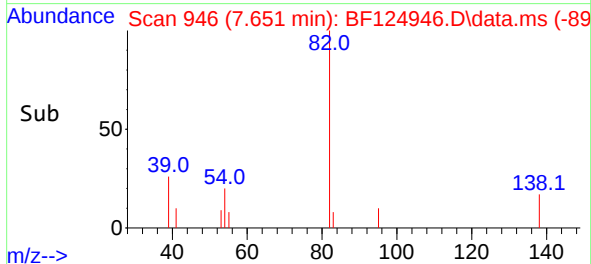
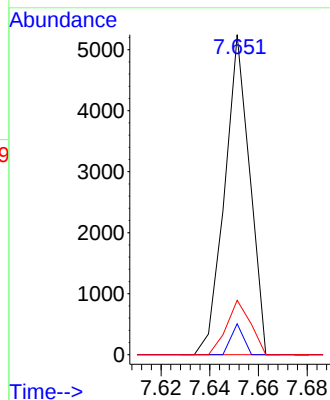
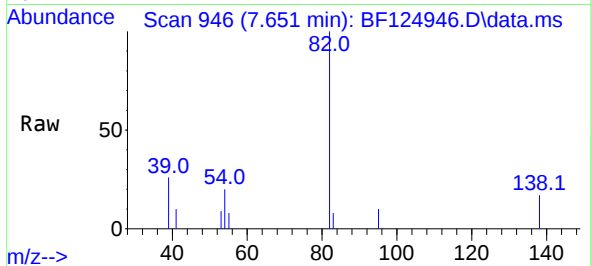
#25
Isophorone
Concen: 4.280 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 82 Resp: 3744
Ion Ratio Lower Upper
82 100
95 9.6 6.5 9.7
138 17.0 18.4 27.6#

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

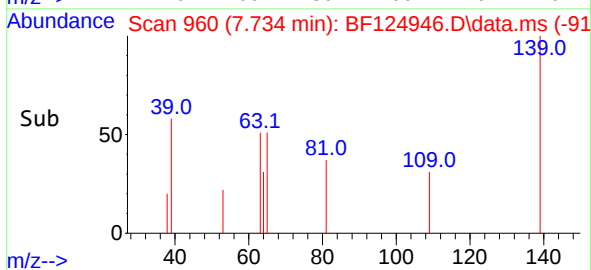
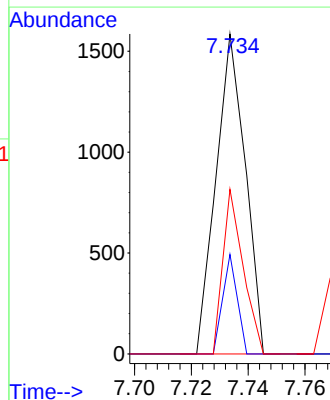
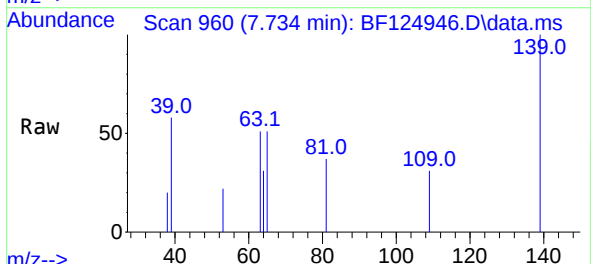
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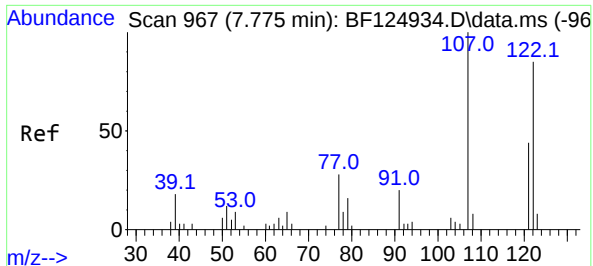
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#26
2-Nitrophenol
Concen: 4.503 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 139 Resp: 1134
Ion Ratio Lower Upper
139 100
109 31.1 26.0 39.0
65 51.5 31.0 46.4#





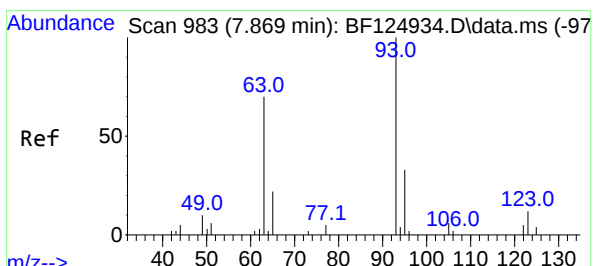
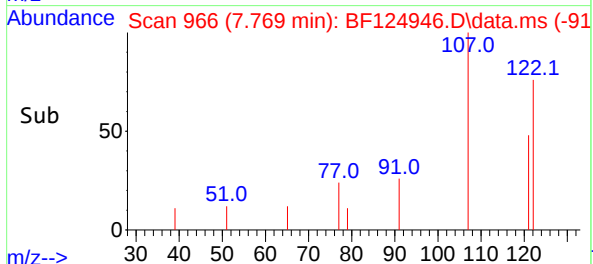
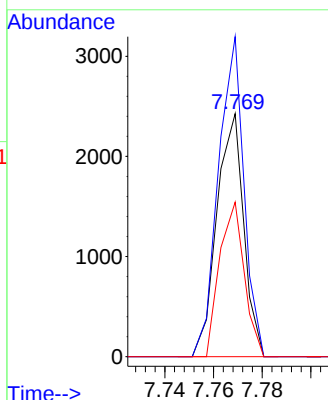
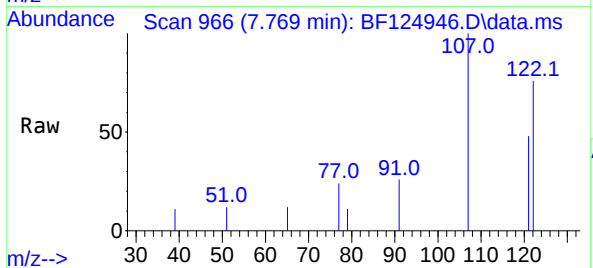
#27
2,4-Dimethylphenol
Concen: 5.210 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:122 Resp: 1860
Ion Ratio Lower Upper
122 100
107 131.7 85.0 127.6#
121 63.6 43.3 64.9

Instrument :
BNA_F
ClientSampleId :
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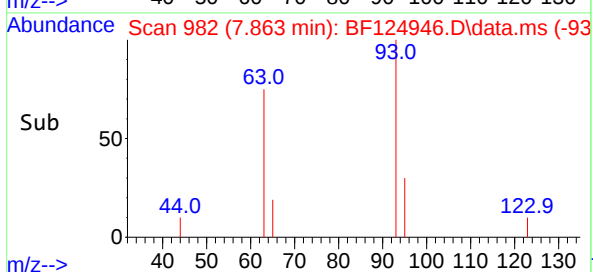
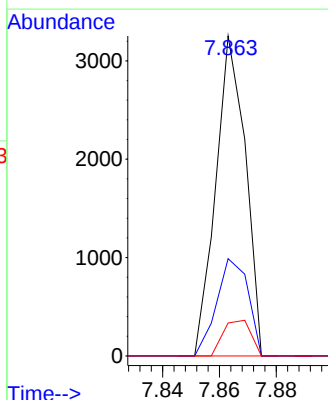
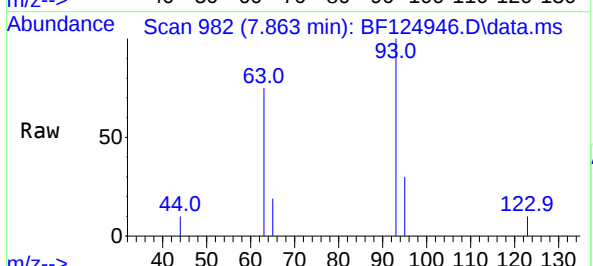
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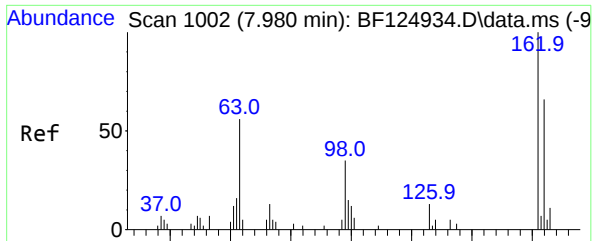
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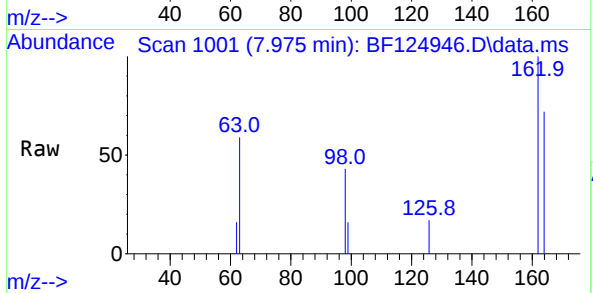
#28
bis(2-Chloroethoxy)methane
Concen: 4.724 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 93 Resp: 2352
Ion Ratio Lower Upper
93 100
95 30.4 26.1 39.1
123 10.3 11.7 17.5#

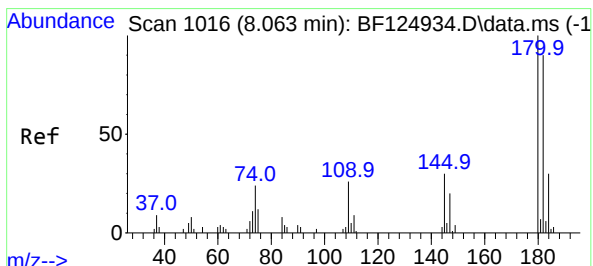
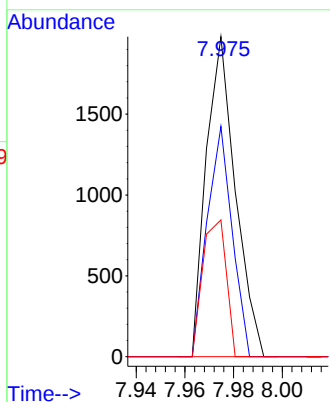
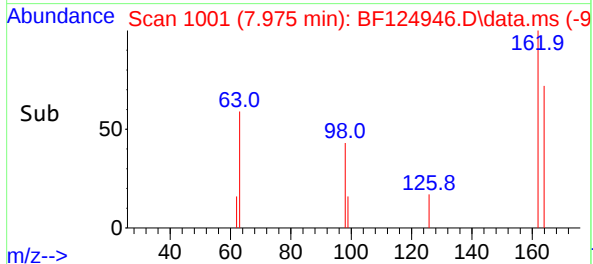




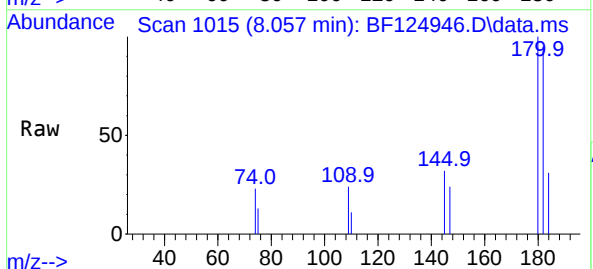
#29
2,4-Dichlorophenol
Concen: 4.136 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



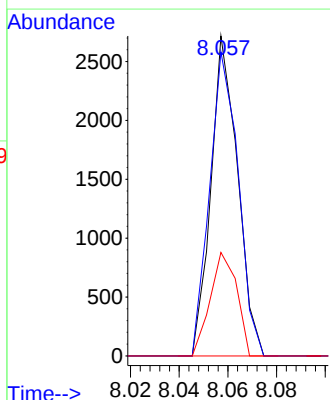
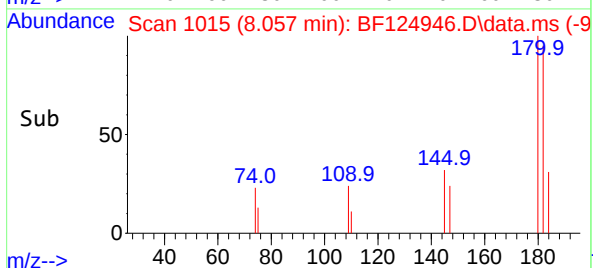
Tgt Ion:162 Resp: 1645
Ion Ratio Lower Upper
162 100
164 72.0 44.5 84.5
98 42.7 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 4.631 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



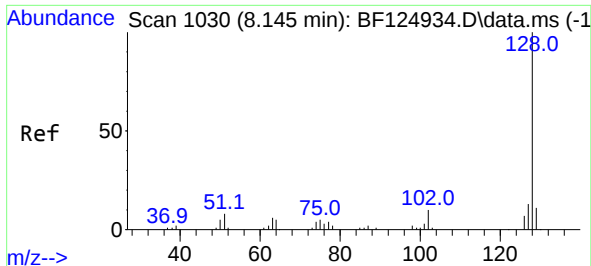
Tgt Ion:180 Resp: 2064
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.4 26.7 40.1



Instrument :
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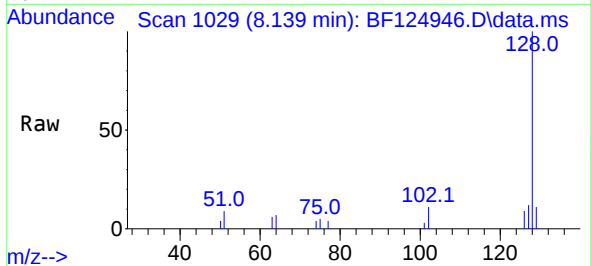
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#31
Naphthalene
Concen: 4.975 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

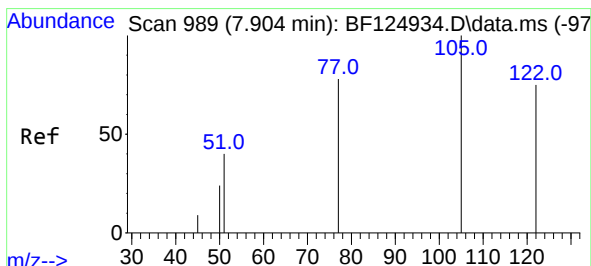
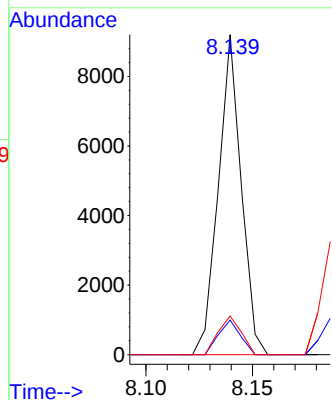
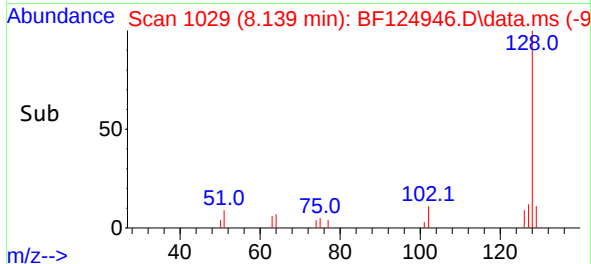
Instrument :
BNA_F
ClientSampleId :
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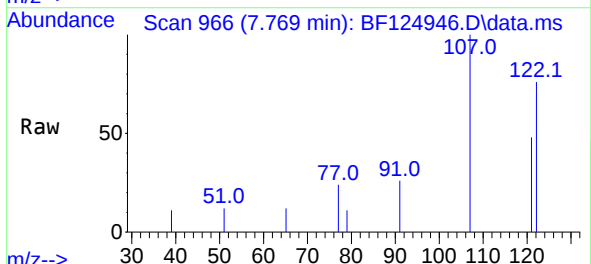
Tgt Ion:128 Resp: 6853
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.1 10.9 16.3

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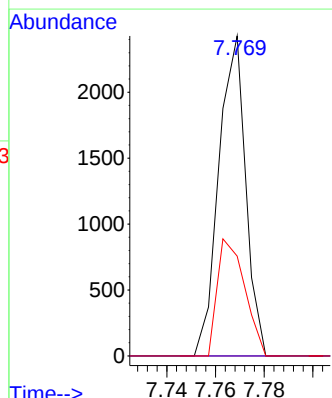
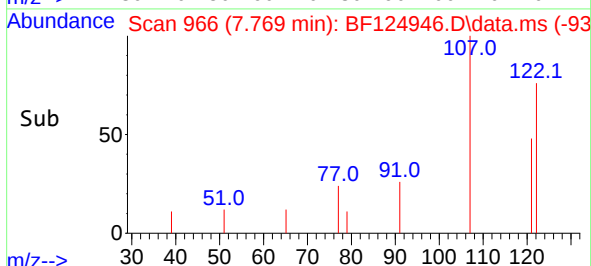
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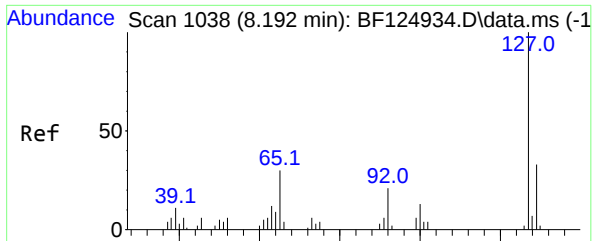


#32
Benzoic acid
Concen: 14.869 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.135 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



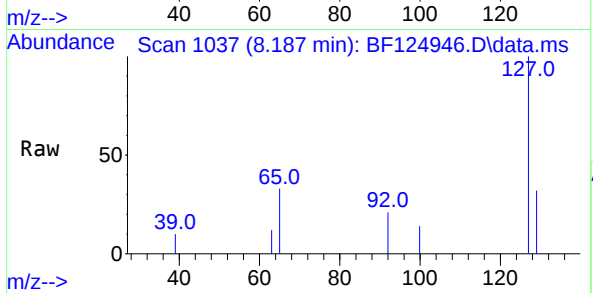
Tgt Ion:122 Resp: 1860
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 31.2 59.6 99.6#





#33
4-Chloroaniline
Concen: 5.188 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

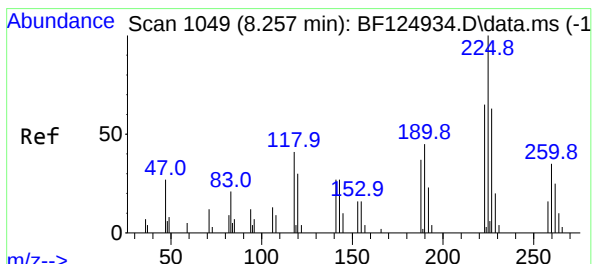
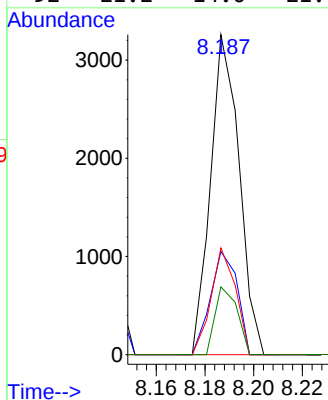
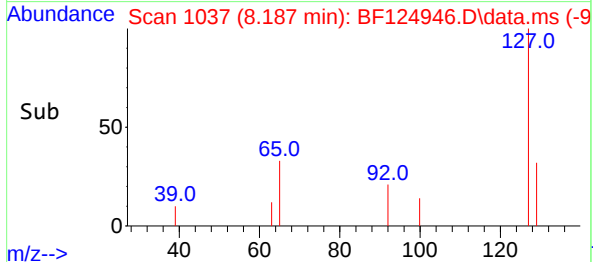
Instrument :
BNA_F
ClientSampleId :
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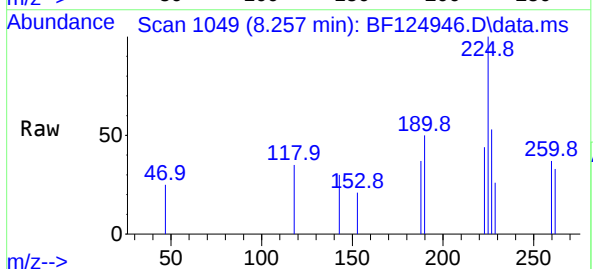
Tgt Ion:	127	Resp:	2663
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	33.3	21.2	31.8#
92	21.2	14.0	21.0#

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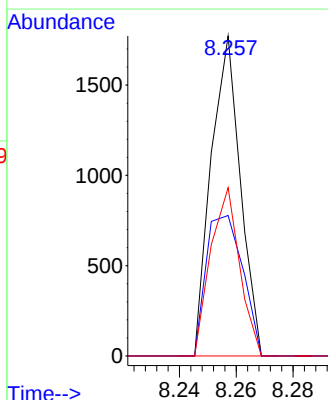
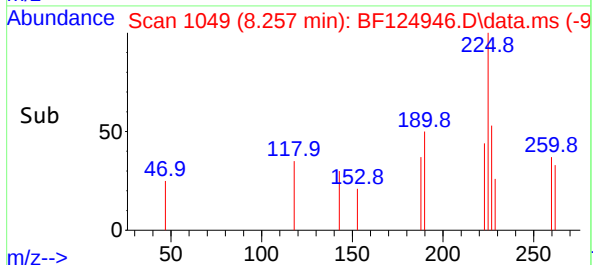
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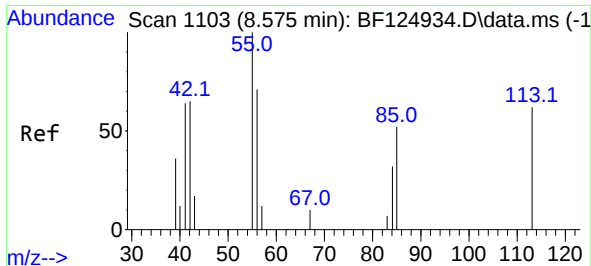


#34
Hexachlorobutadiene
Concen: 4.756 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:	225	Resp:	1266
Ion	Ratio	Lower	Upper
225	100		
223	43.9	50.6	76.0#
227	52.6	50.6	75.8





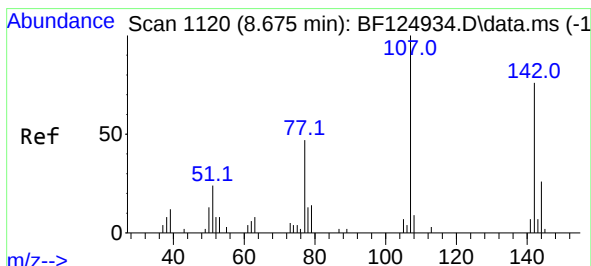
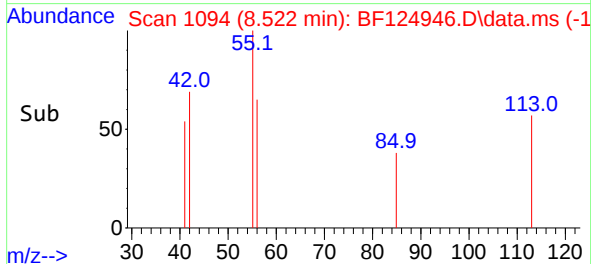
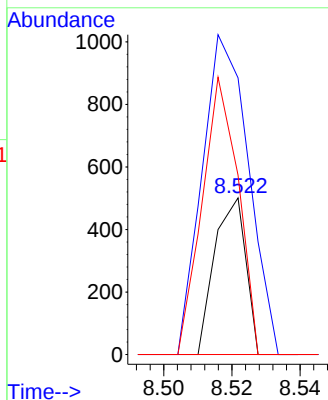
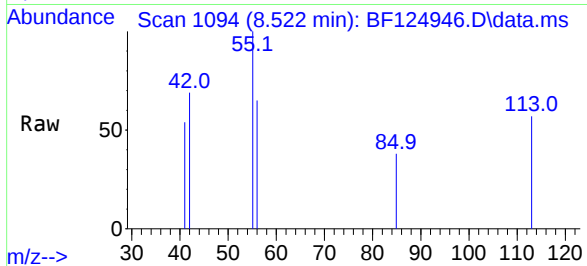
#35
Caprolactam
Concen: 3.011 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.053 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:113 Resp: 318
Ion Ratio Lower Upper
113 100
55 176.6 154.1 194.1
56 114.6 108.7 148.7

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

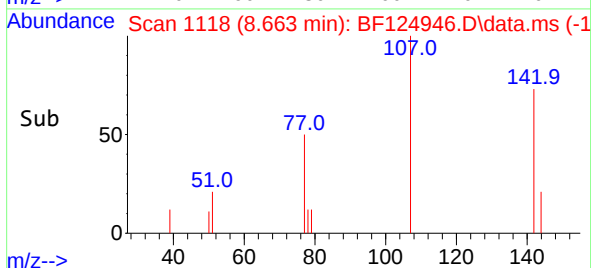
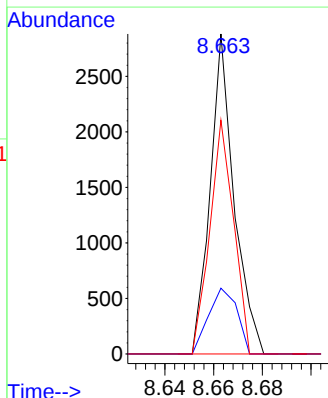
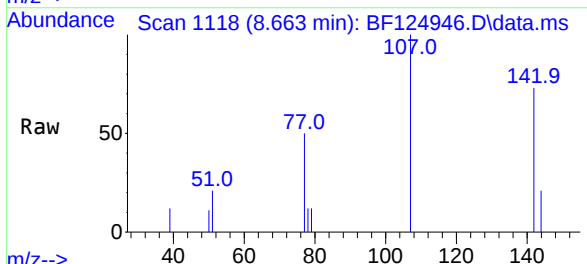
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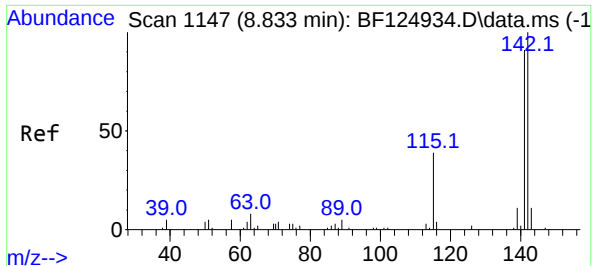
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#36
4-Chloro-3-methylphenol
Concen: 4.706 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:107 Resp: 1958
Ion Ratio Lower Upper
107 100
144 20.6 21.9 32.9#
142 73.0 67.1 100.7





#37

2-Methylnaphthalene

Concen: 4.838 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF124946.D

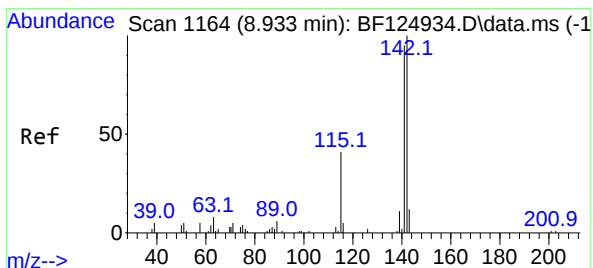
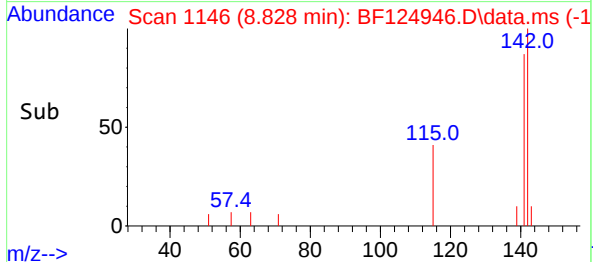
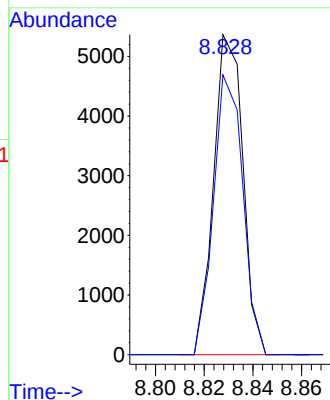
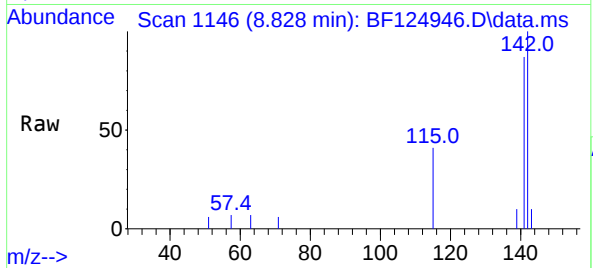
Acq: 5 Aug 2021 14:36

Tgt Ion:142 Resp: 4481

Ion Ratio Lower Upper

142 100

141 87.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 5.032 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF124946.D

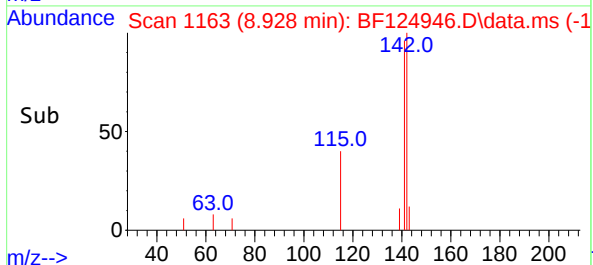
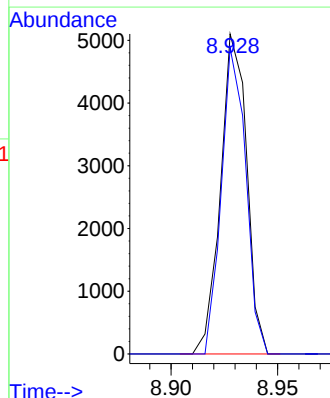
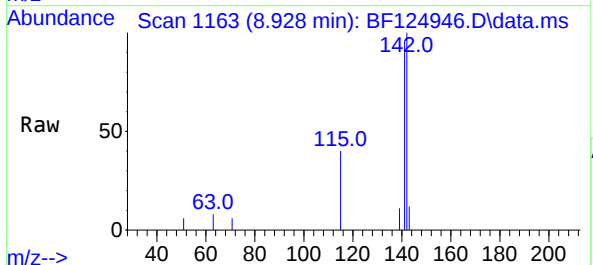
Acq: 5 Aug 2021 14:36

Tgt Ion:142 Resp: 4361

Ion Ratio Lower Upper

142 100

141 95.7 76.0 114.0



Instrument :

BNA_F

ClientSampleId :

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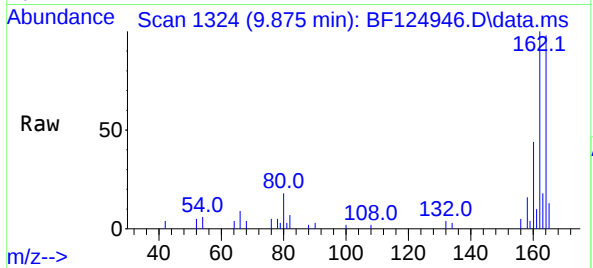
mohammad

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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

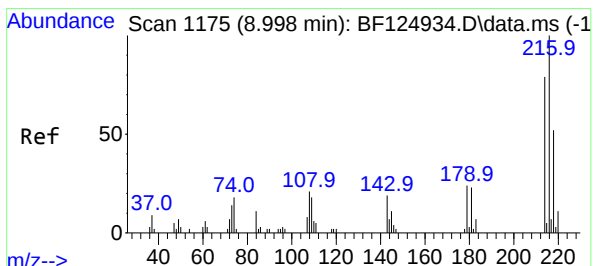
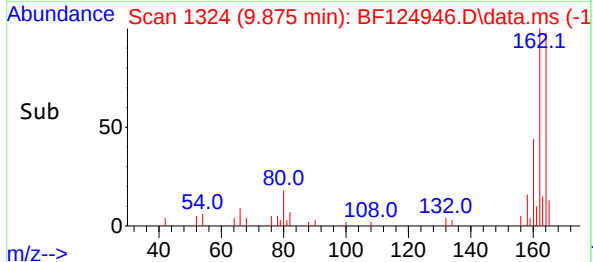
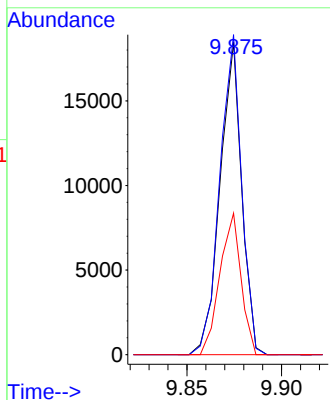
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BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



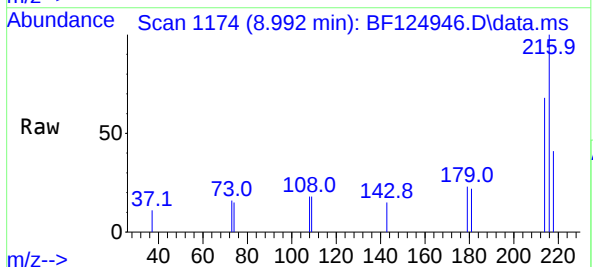
Tgt Ion:164 Resp: 14676
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.3 38.0 57.0

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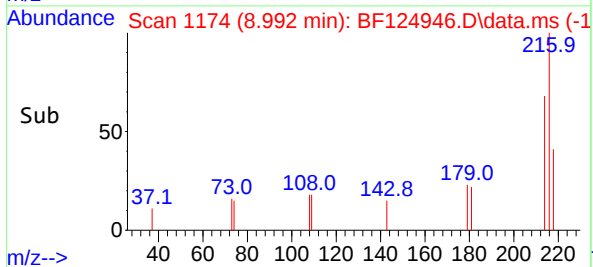
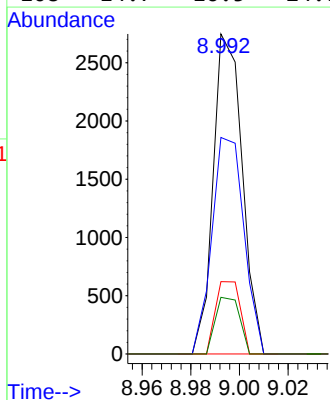
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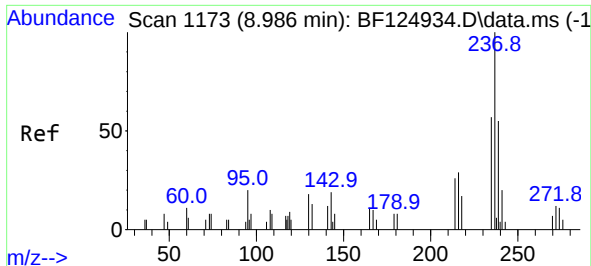


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.403 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

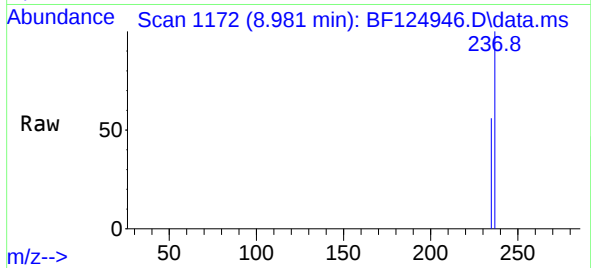


Tgt Ion:216 Resp: 2276
Ion Ratio Lower Upper
216 100
214 74.8 64.9 97.3
179 19.2 17.4 26.2
108 14.7 16.5 24.7#

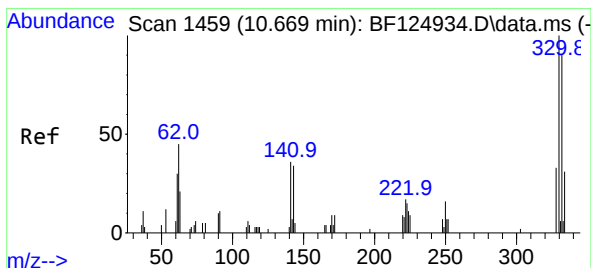
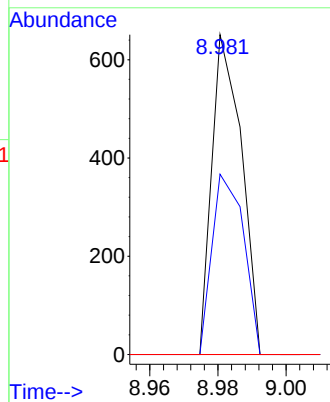
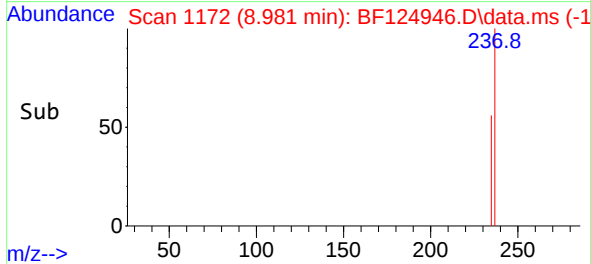




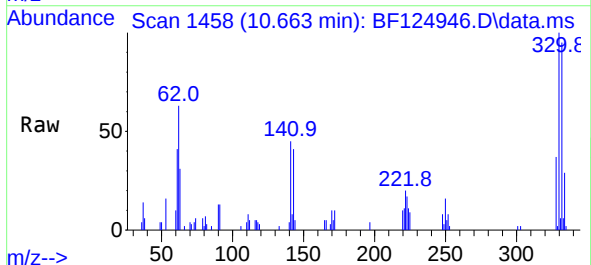
#41
Hexachlorocyclopentadiene
Concen: 7.676 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



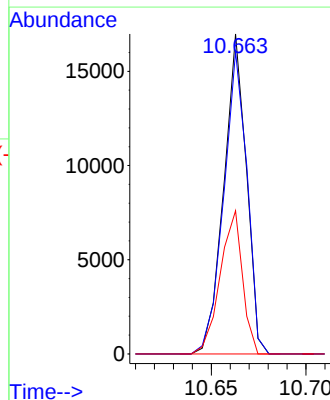
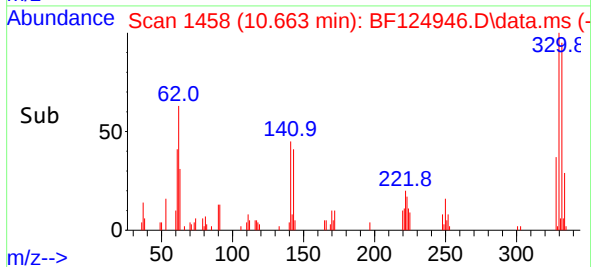
Tgt Ion: 237 Resp: 393
Ion Ratio Lower Upper
237 100
235 56.4 44.7 84.7
272 0.0 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 107.165 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



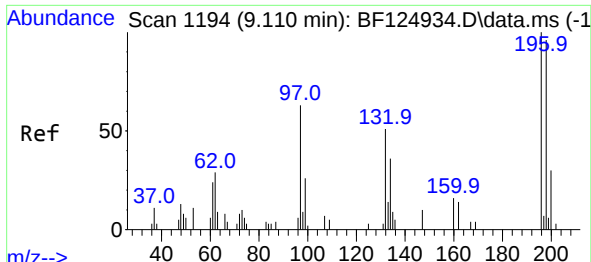
Tgt Ion: 330 Resp: 14051
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 44.3 44.6 66.8#



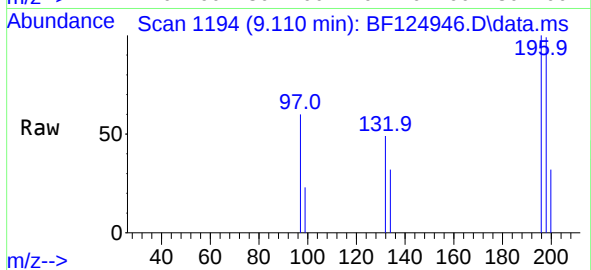
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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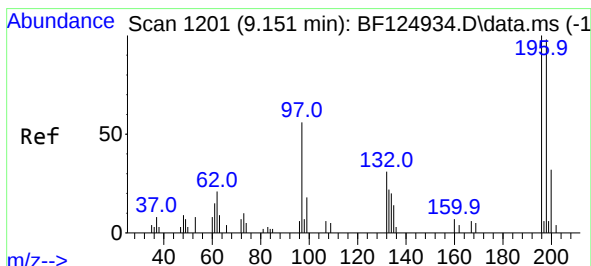
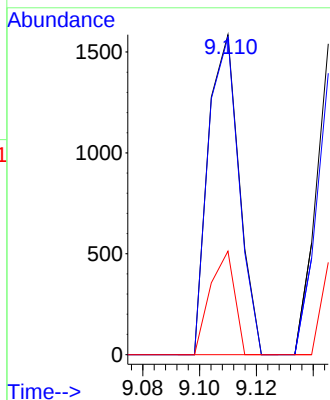
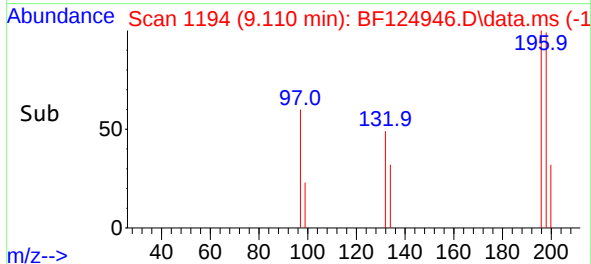
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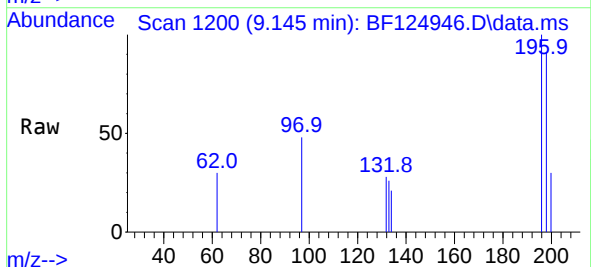
#43
2,4,6-Trichlorophenol
Concen: 4.261 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



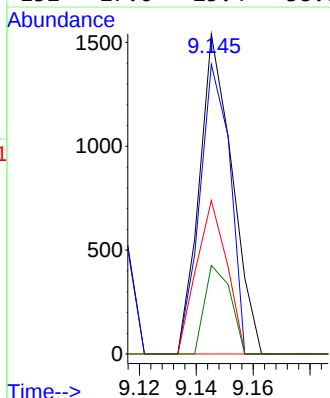
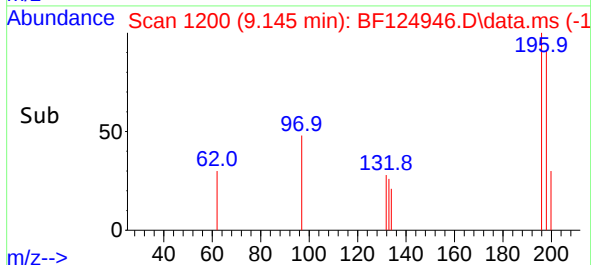
Tgt Ion:196 Resp: 1195
Ion Ratio Lower Upper
196 100
198 99.2 74.9 112.3
200 32.3 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 4.358 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



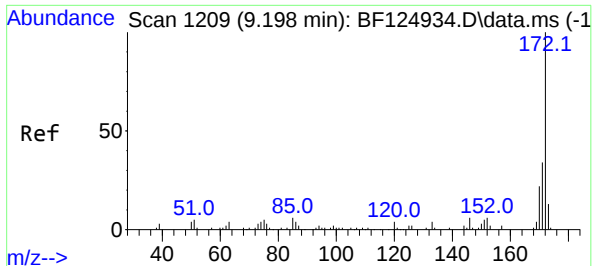
Tgt Ion:196 Resp: 1237
Ion Ratio Lower Upper
196 100
198 90.5 80.2 120.2
97 48.0 44.0 66.0
132 27.6 25.4 38.0



Instrument :
BNA_F
ClientSampleId :
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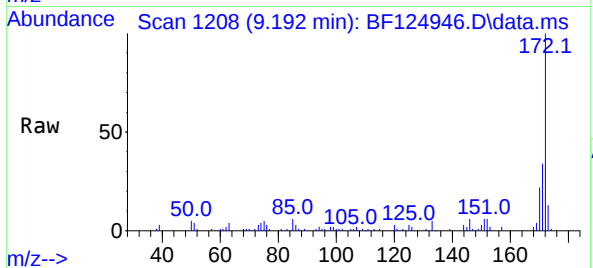
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#45
2-Fluorobiphenyl
Concen: 68.532 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

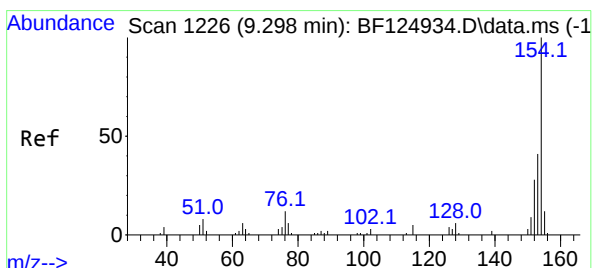
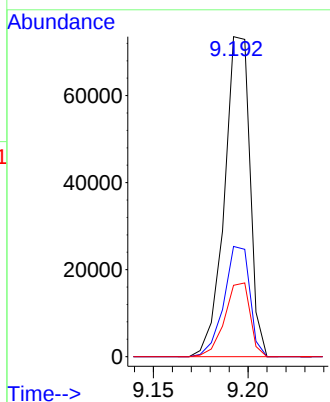
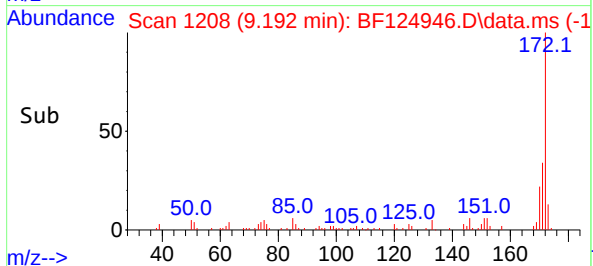
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



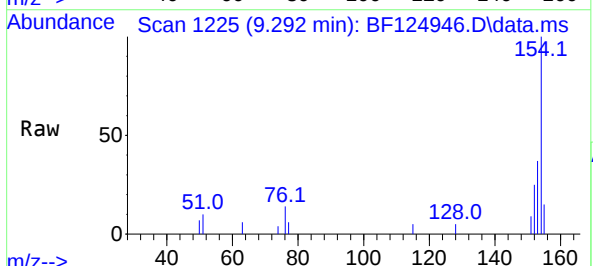
Tgt Ion:172 Resp: 68736
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 22.3 18.8 28.2

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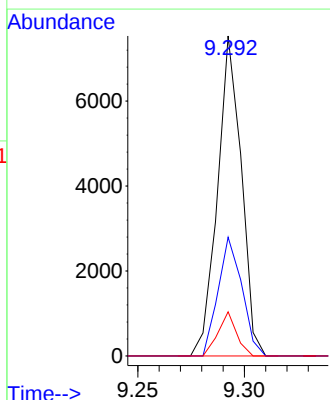
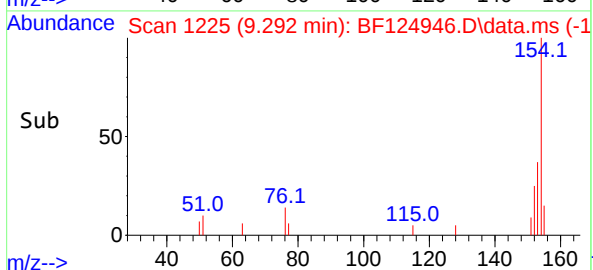
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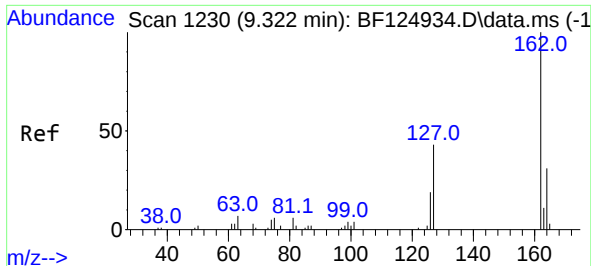


#46
1,1'-Biphenyl
Concen: 5.343 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



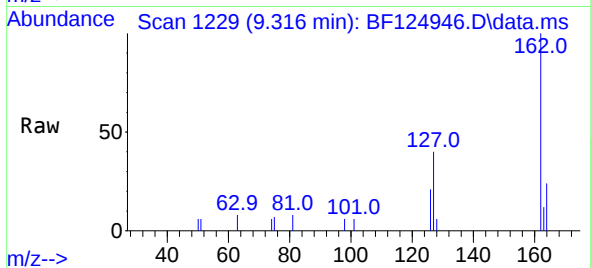
Tgt Ion:154 Resp: 5843
Ion Ratio Lower Upper
154 100
153 37.1 20.0 60.0
76 13.8 0.0 30.3





#47
2-Chloronaphthalene
Concen: 5.068 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

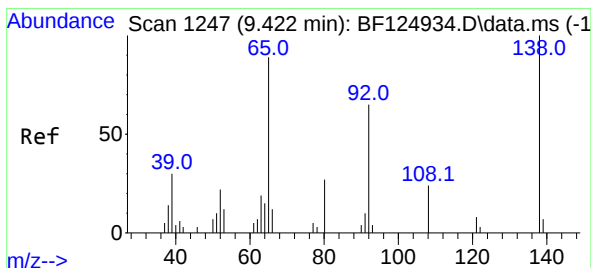
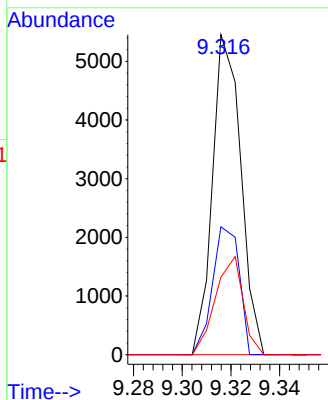
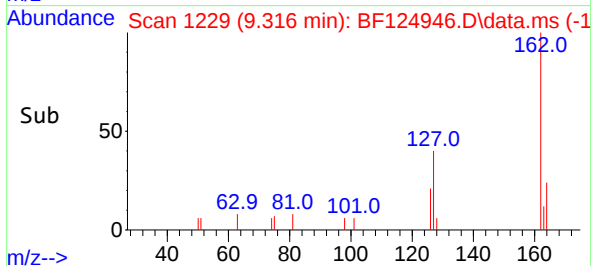
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



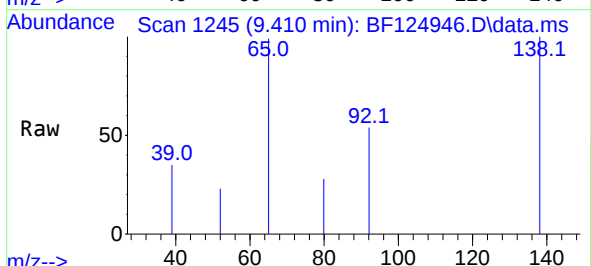
Tgt Ion:162 Resp: 4410
Ion Ratio Lower Upper
162 100
127 39.9 33.0 49.4
164 24.2 25.8 38.8#

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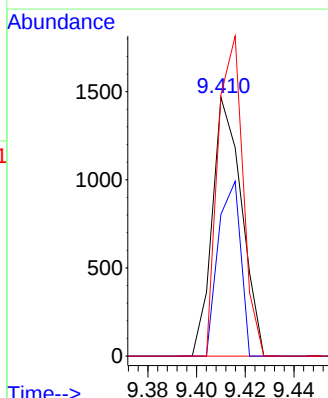
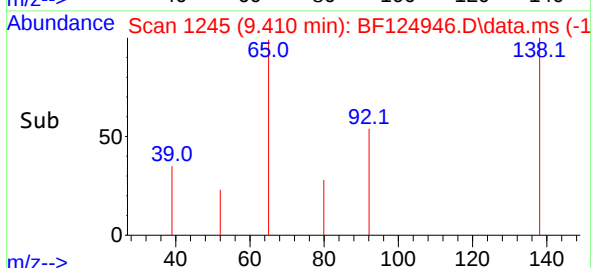
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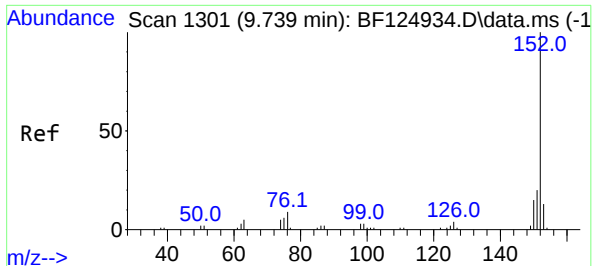


#48
2-Nitroaniline
Concen: 4.812 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



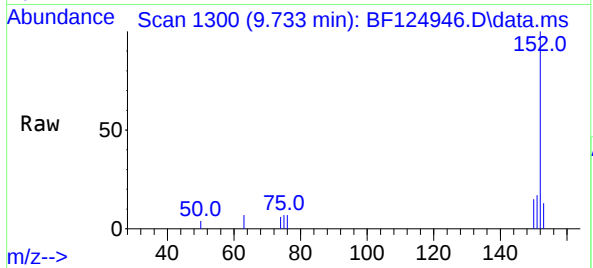
Tgt Ion: 65 Resp: 1230
Ion Ratio Lower Upper
65 100
92 54.8 55.5 83.3#
138 101.0 93.5 140.3





#49
Acenaphthylene
Concen: 5.165 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

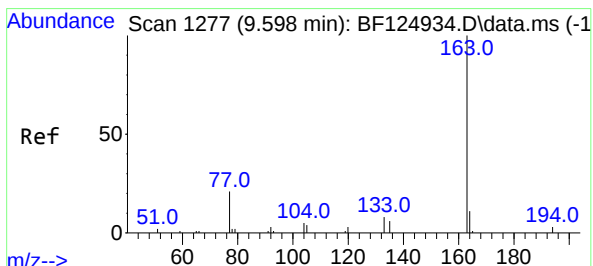
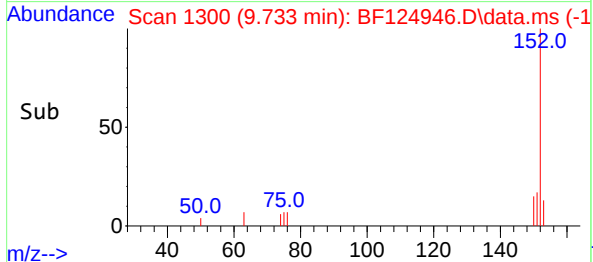
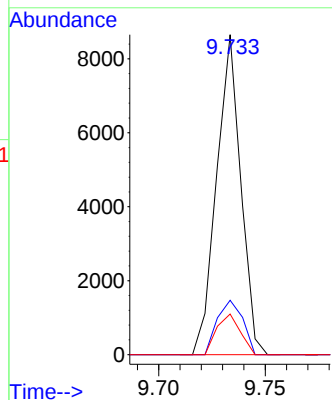
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:152 Resp: 6827
Ion Ratio Lower Upper
152 100
151 17.0 15.7 23.5
153 12.7 9.8 14.8

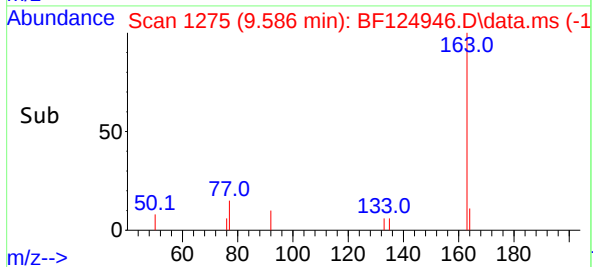
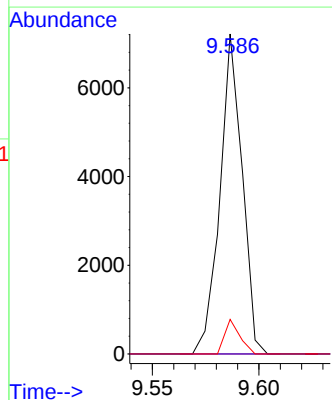
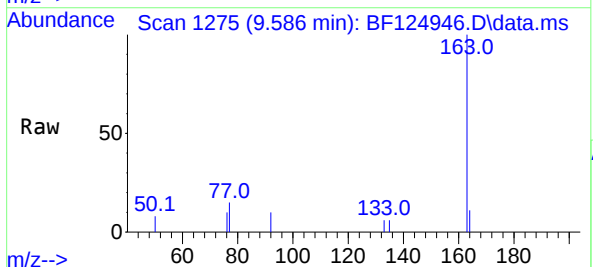
Manual Integrations
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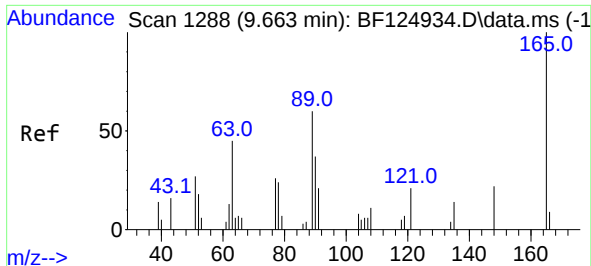
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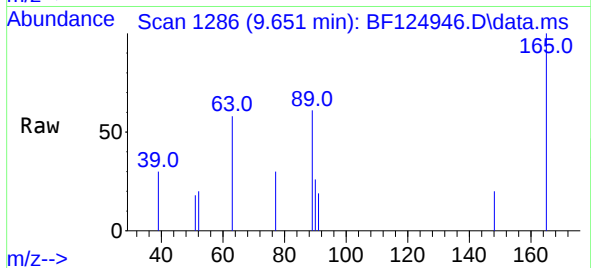
#50
Dimethylphthalate
Concen: 5.261 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:163 Resp: 5232
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 10.8 7.4 11.0

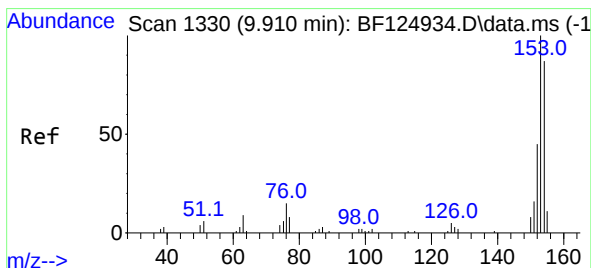
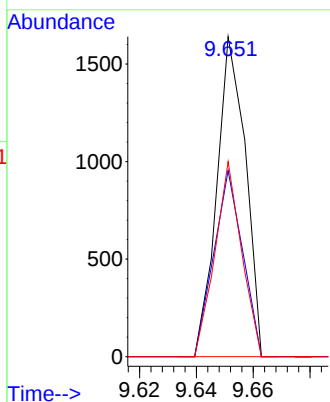
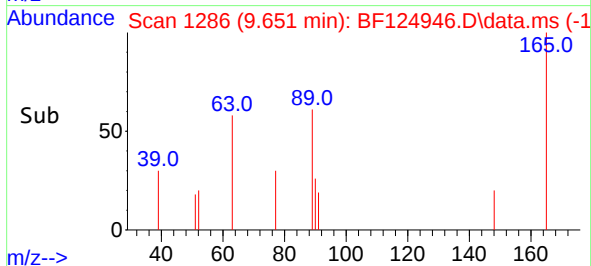




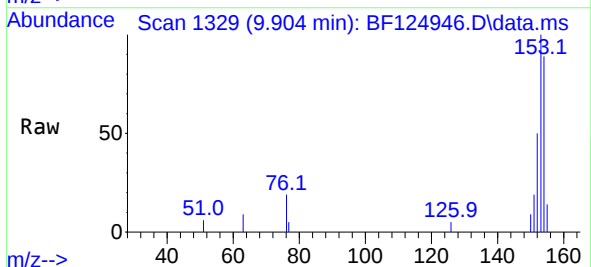
#51
2,6-Dinitrotoluene
Concen: 5.188 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



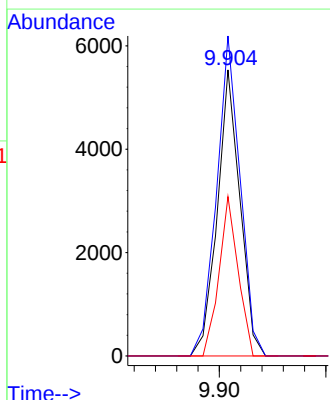
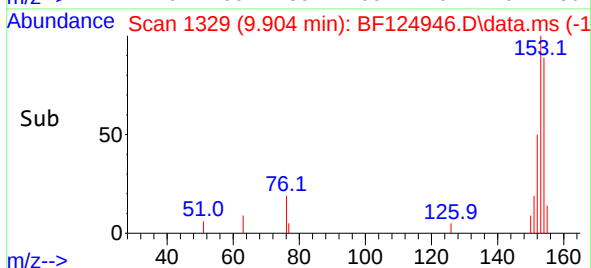
Tgt Ion:165 Resp: 1149
Ion Ratio Lower Upper
165 100
63 58.2 42.6 63.8
89 61.0 40.6 60.8#



#52
Acenaphthene
Concen: 5.093 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



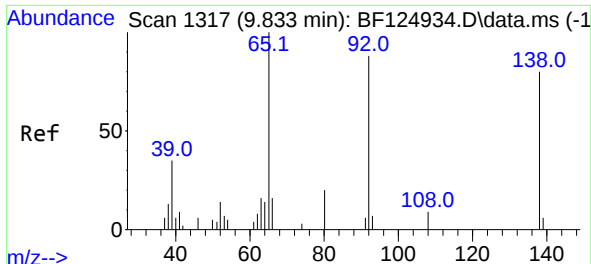
Tgt Ion:154 Resp: 4081
Ion Ratio Lower Upper
154 100
153 111.9 89.4 134.2
152 55.7 40.5 60.7



Instrument :
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ClientSampleId :
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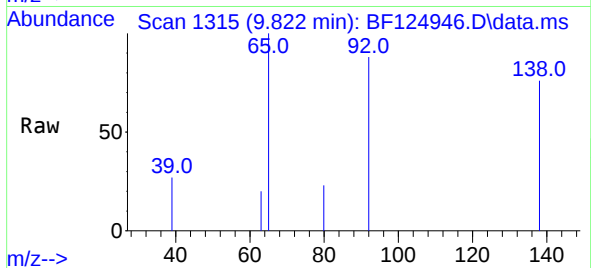
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#53
3-Nitroaniline
Concen: 4.463 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

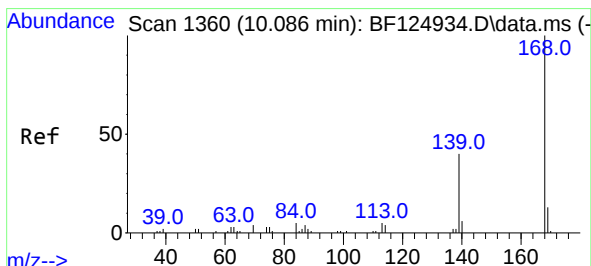
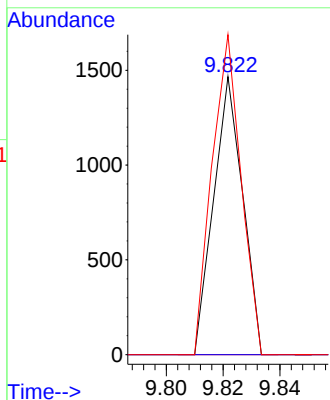
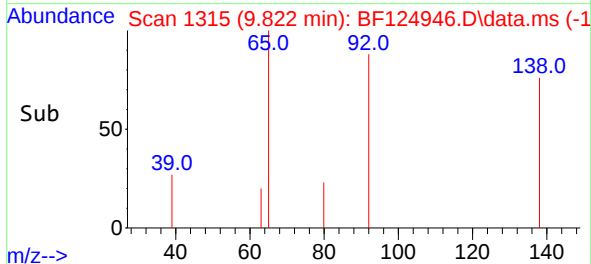
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



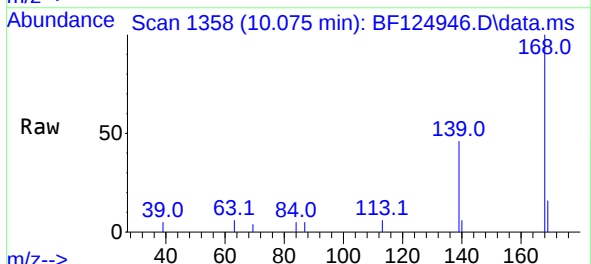
Tgt Ion:138 Resp: 1041
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 115.1 76.5 114.7#

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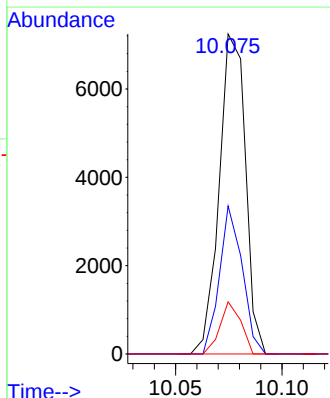
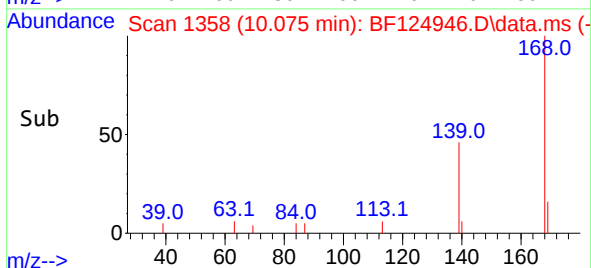
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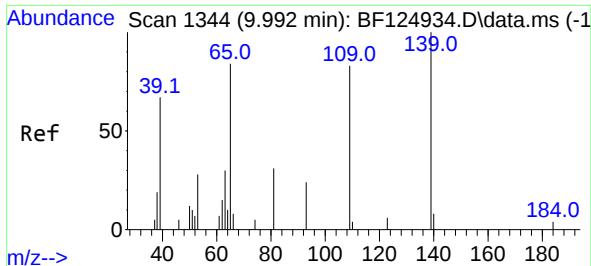


#55
Dibenzofuran
Concen: 4.962 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:168 Resp: 6214
Ion Ratio Lower Upper
168 100
139 46.3 32.7 49.1
169 16.3 11.2 16.8





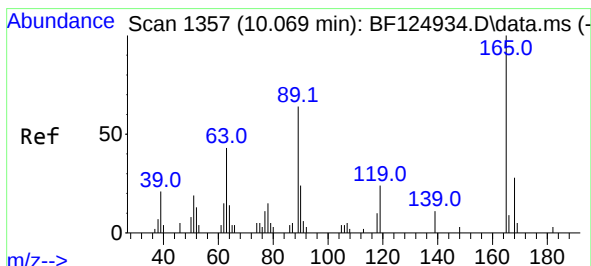
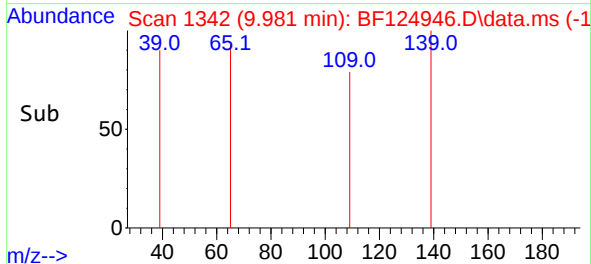
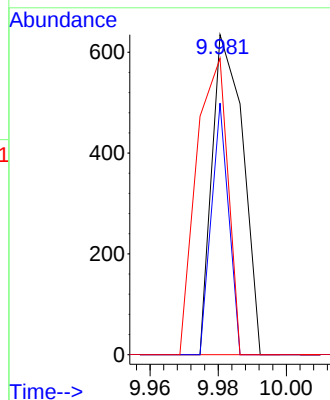
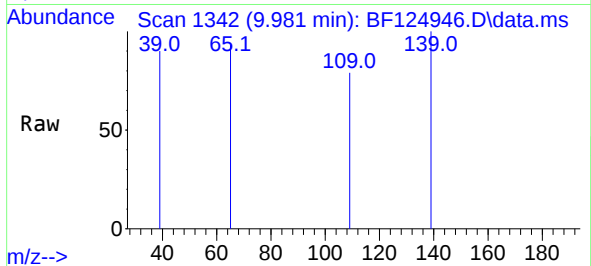
#56
4-Nitrophenol
Concen: 2.602 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	139	Resp:	400
Ion	Ratio	Lower	Upper
139	100		
109	78.6	60.4	100.4
65	92.6	58.4	98.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

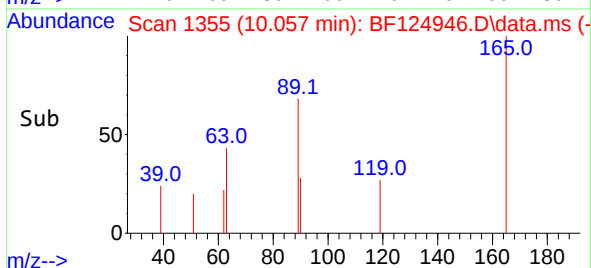
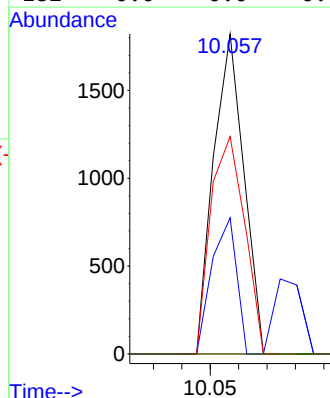
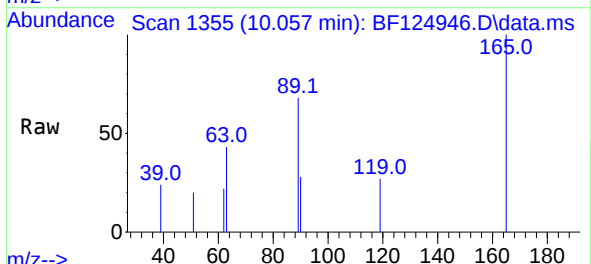
Manual Integrations
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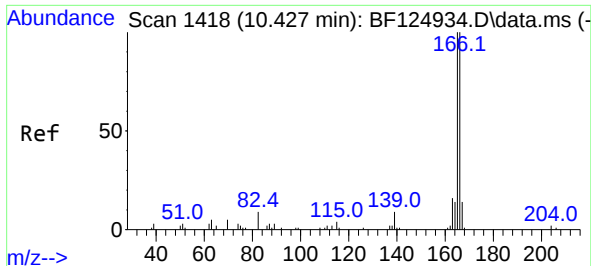
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#57
2,4-Dinitrotoluene
Concen: 4.493 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

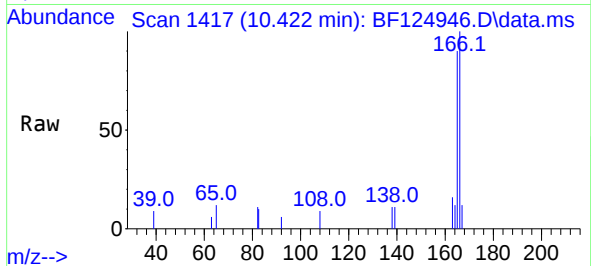
Tgt Ion:	165	Resp:	1351
Ion	Ratio	Lower	Upper
165	100		
63	42.5	40.9	61.3
89	67.9	59.7	89.5
182	0.0	0.0	0.0





#58
Fluorene
Concen: 4.995 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

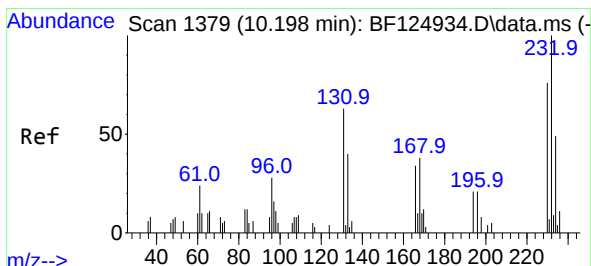
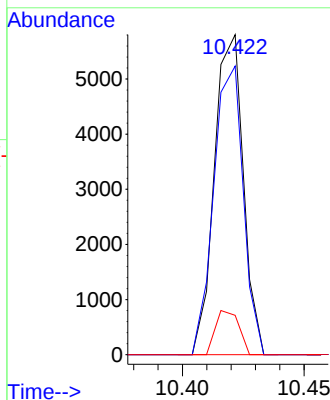
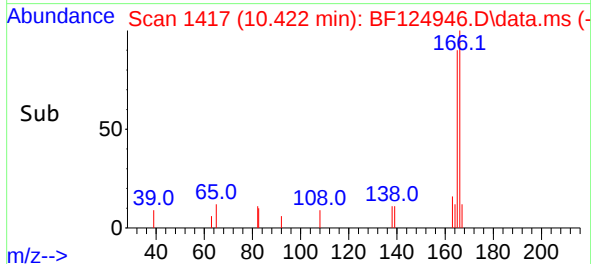
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



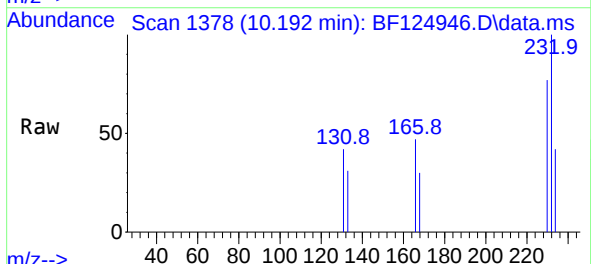
Tgt Ion:166 Resp: 4796
Ion Ratio Lower Upper
166 100
165 90.2 78.1 117.1
167 12.3 11.1 16.7

Manual Integrations
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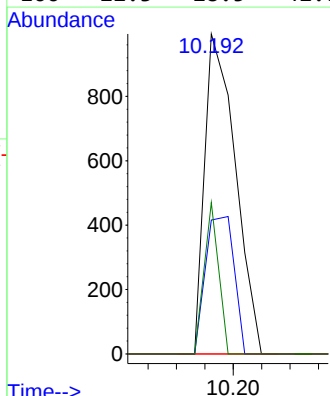
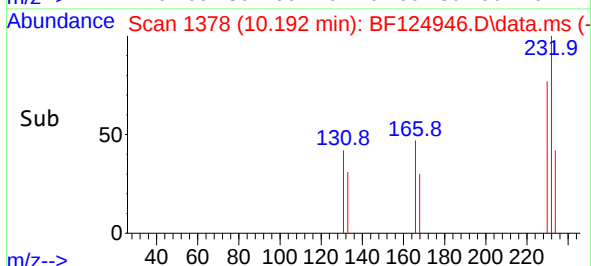
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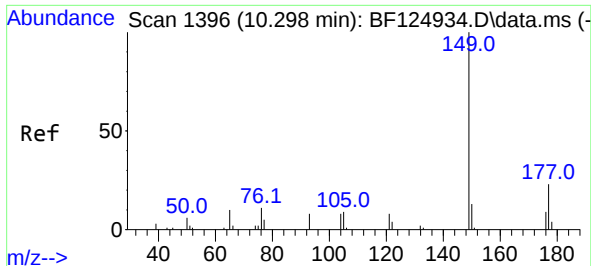


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.503 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:232 Resp: 746
Ion Ratio Lower Upper
232 100
131 39.9 45.4 68.0#
130 0.0 0.0 0.0
166 22.3 28.5 42.7#





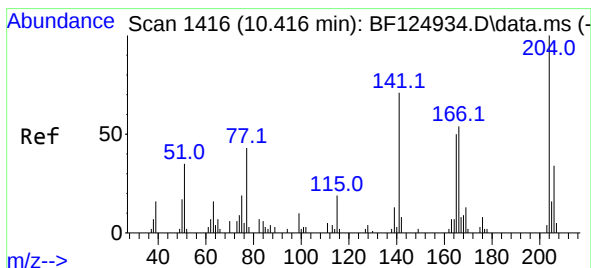
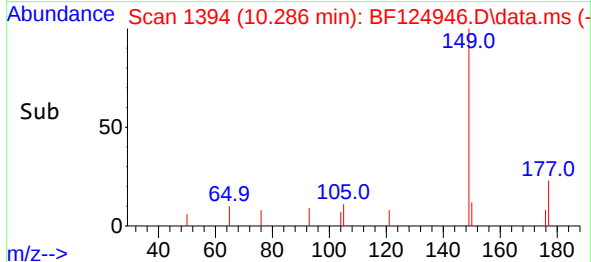
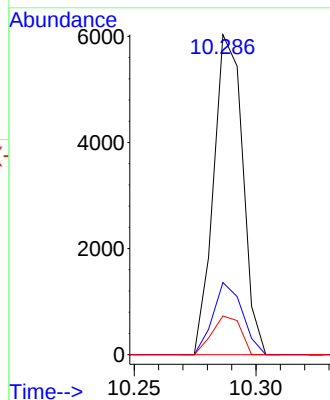
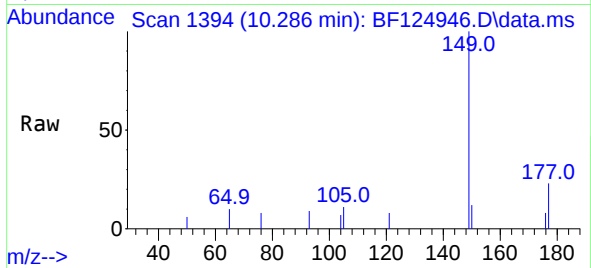
#60
Diethylphthalate
Concen: 4.913 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:	149	Resp:	5014
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.5	24.7
150	12.1	10.1	15.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

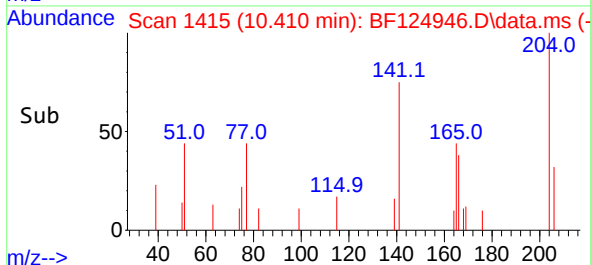
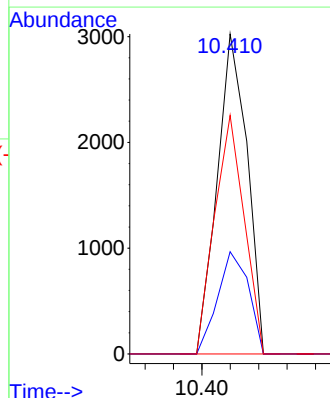
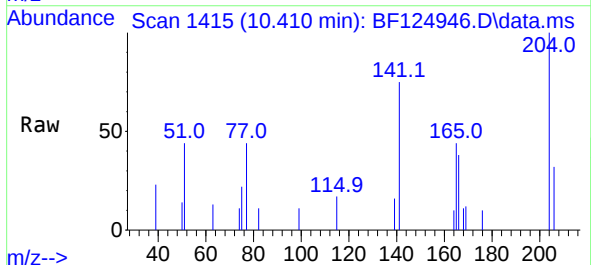
Manual Integrations
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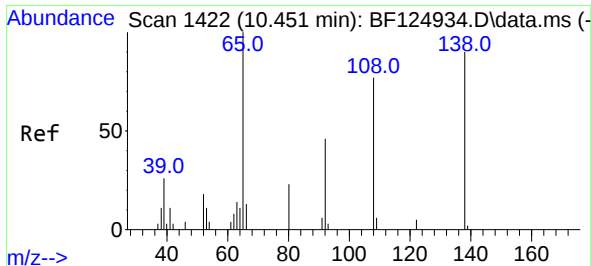
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 4.883 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

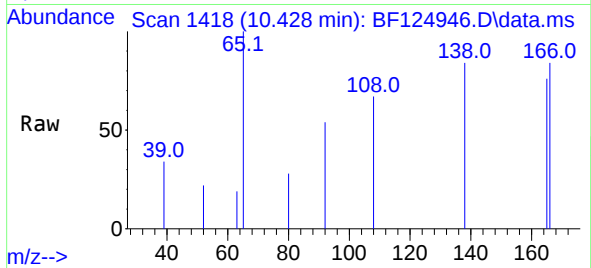
Tgt Ion:	204	Resp:	2214
Ion Ratio	Lower	Upper	
204	100		
206	32.0	27.6	41.4
141	74.5	58.6	88.0





#62
4-Nitroaniline
Concen: 4.654 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

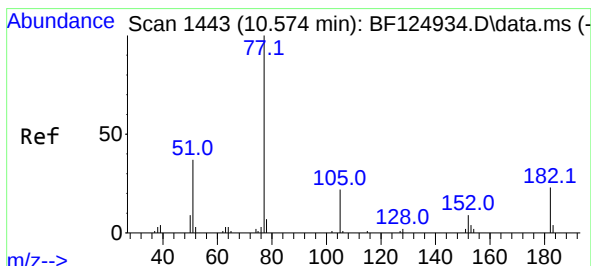
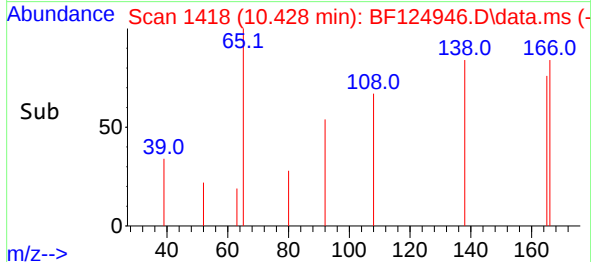
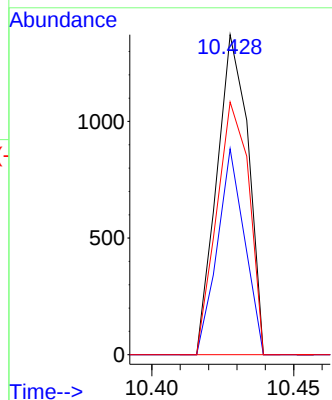
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



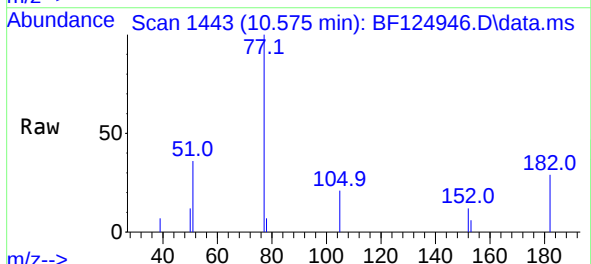
Tgt Ion:138 Resp: 1054
Ion Ratio Lower Upper
138 100
92 64.4 29.6 69.6
108 78.9 78.1 118.1

Manual Integrations
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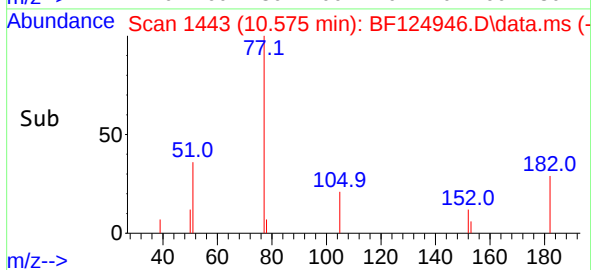
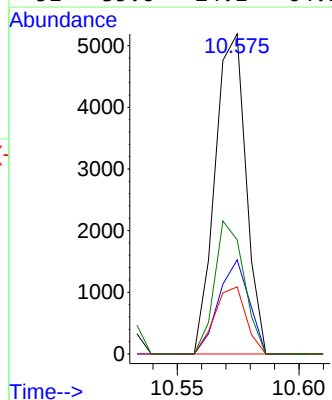
mohammad
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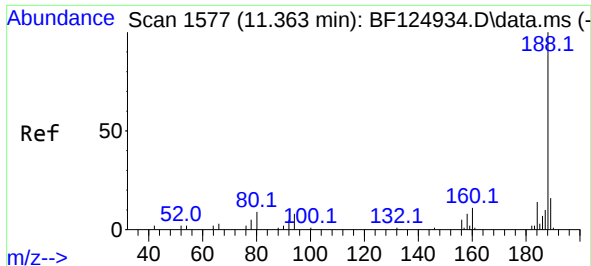


#63
Azobenzene
Concen: 4.590 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.001 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



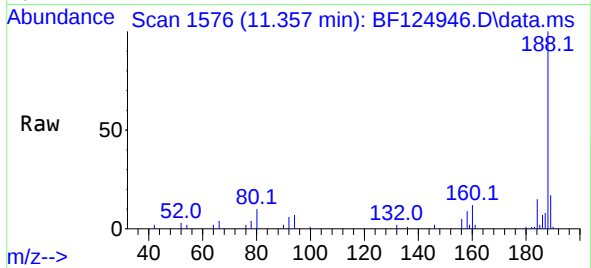
Tgt Ion: 77 Resp: 4581
Ion Ratio Lower Upper
77 100
182 29.4 6.3 46.3
105 20.9 2.9 42.9
51 35.6 24.1 64.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

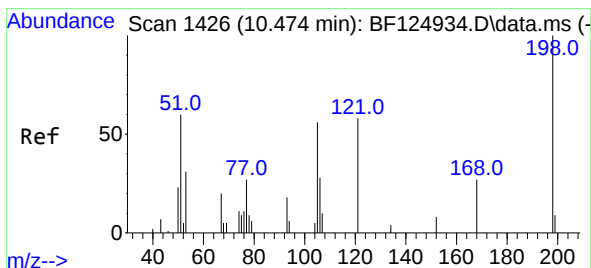
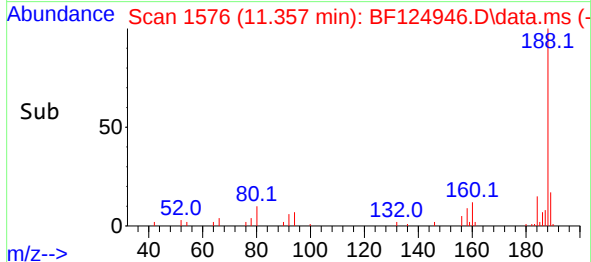
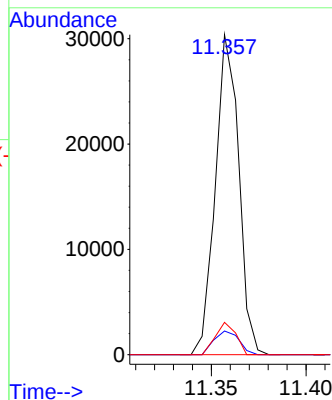
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:188 Resp: 26116
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 10.1 7.5 11.3

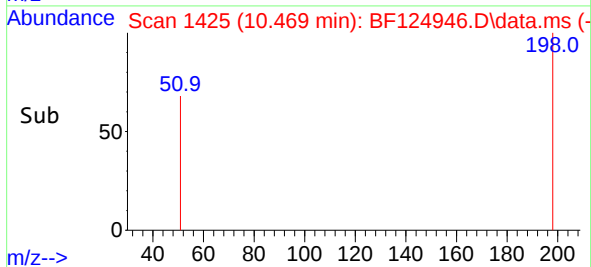
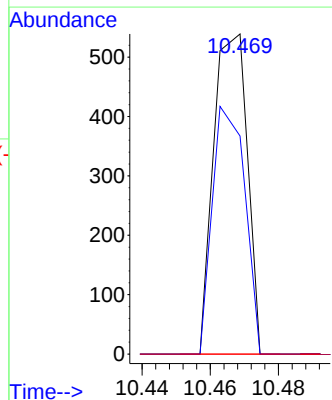
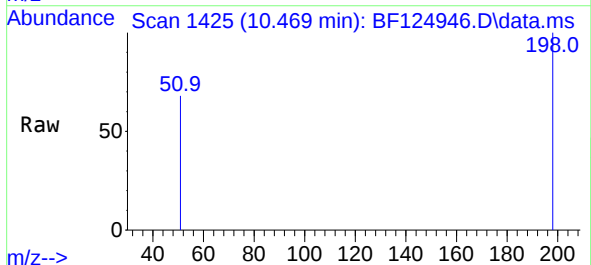
Manual Integrations
APPROVED

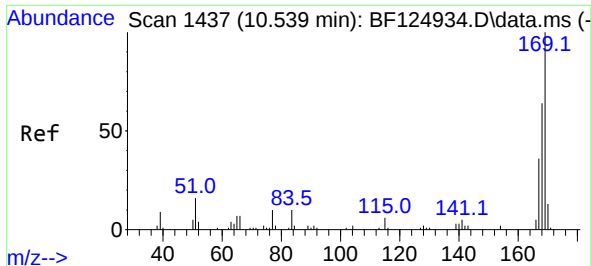
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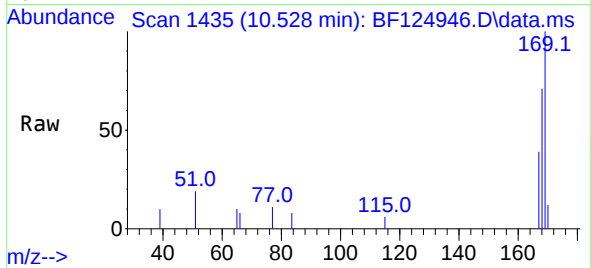
#65
4,6-Dinitro-2-methylphenol
Concen: 2.261 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.005 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:198 Resp: 370
Ion Ratio Lower Upper
198 100
51 68.1 45.3 85.3
105 0.0 30.6 70.6#





#66
n-Nitrosodiphenylamine
Concen: 4.769 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.011 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

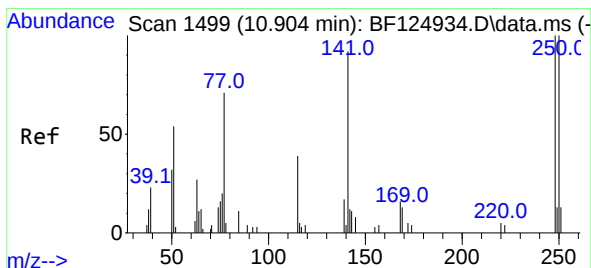
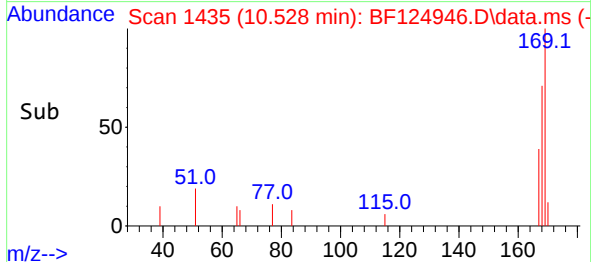
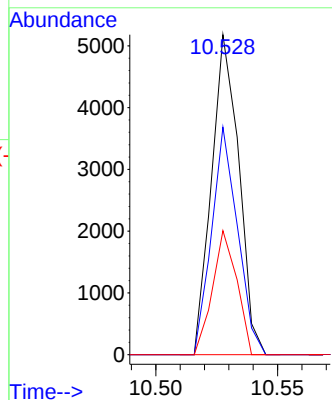


Tgt Ion:169 Resp: 4037
Ion Ratio Lower Upper
169 100
168 71.1 50.8 76.2
167 38.8 28.8 43.2

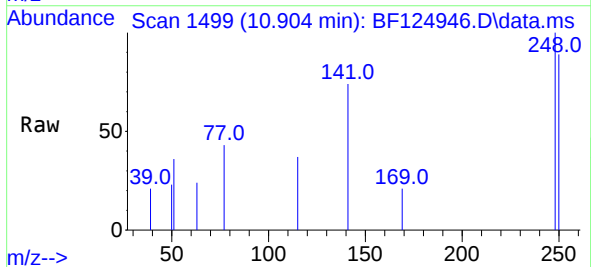
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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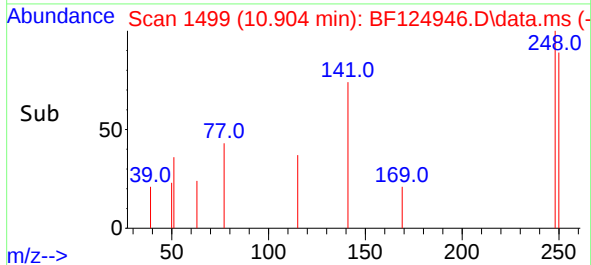
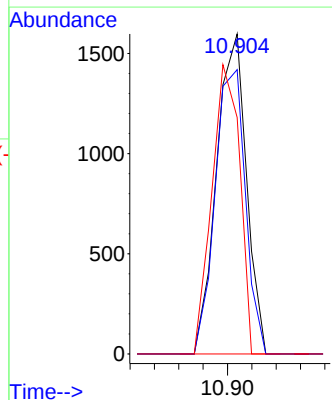
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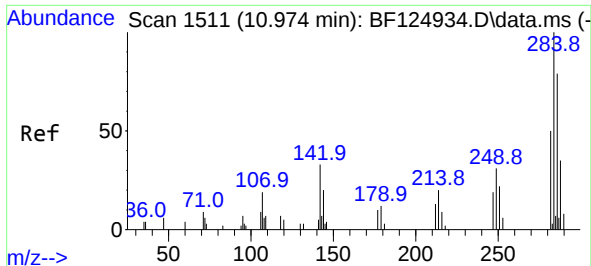


#67
4-Bromophenyl-phenylether
Concen: 4.761 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

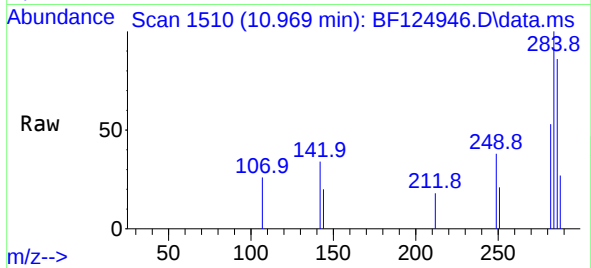


Tgt Ion:248 Resp: 1362
Ion Ratio Lower Upper
248 100
250 88.9 74.2 111.4
141 73.9 60.4 90.6

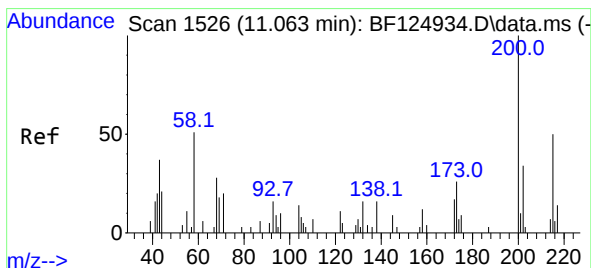
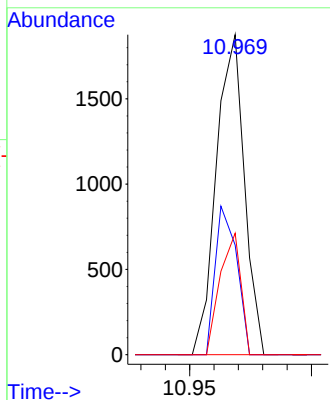
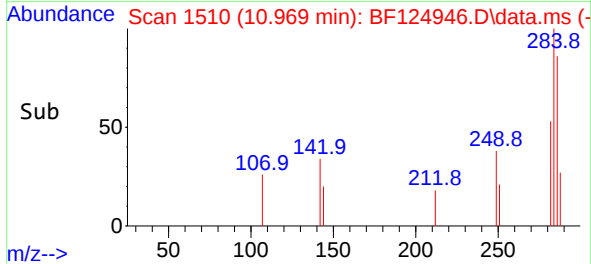




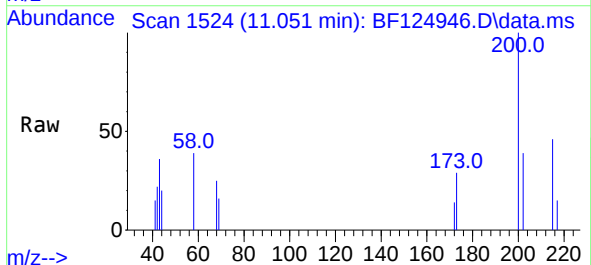
#68
Hexachlorobenzene
Concen: 4.826 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



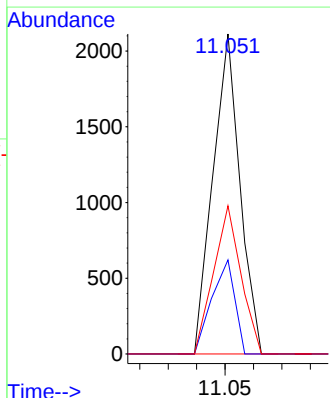
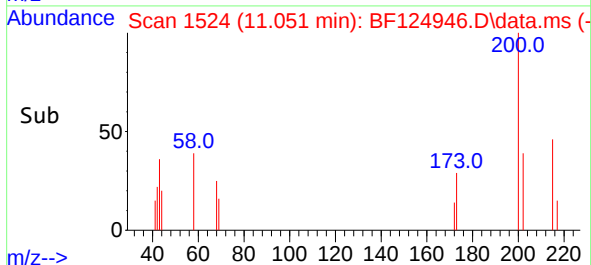
Tgt Ion:284 Resp: 1502
Ion Ratio Lower Upper
284 100
142 34.3 36.4 54.6#
249 38.0 25.6 38.4



#69
Atrazine
Concen: 5.461 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



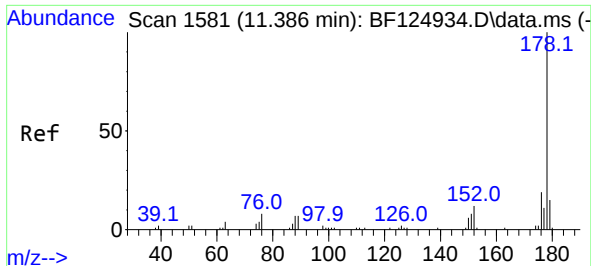
Tgt Ion:200 Resp: 1389
Ion Ratio Lower Upper
200 100
173 29.4 11.1 51.1
215 46.3 22.7 62.7



Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

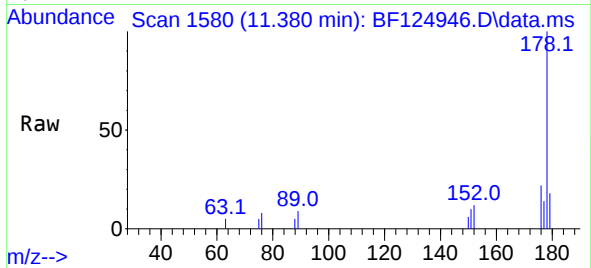
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#71
Phenanthrene
Concen: 4.639 ng m
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

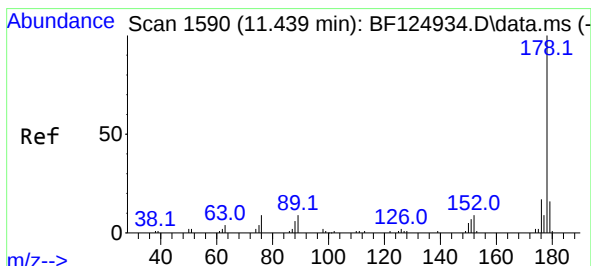
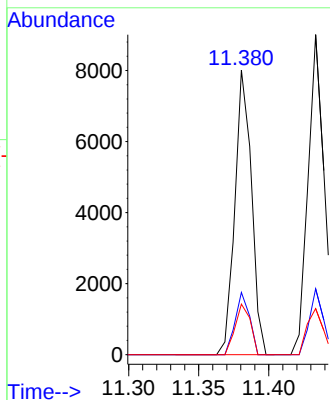
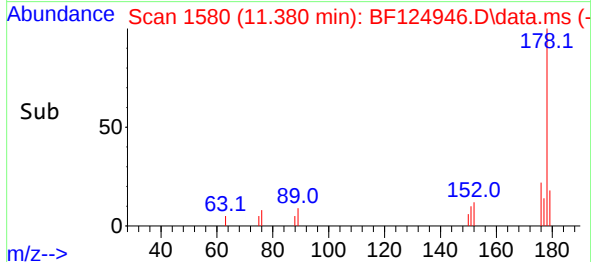
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



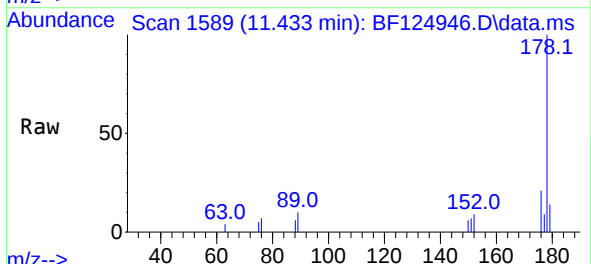
Tgt Ion:178 Resp: 6572
Ion Ratio Lower Upper
178 100
176 21.9 14.7 22.1
179 17.8 11.5 17.3#

Manual Integrations
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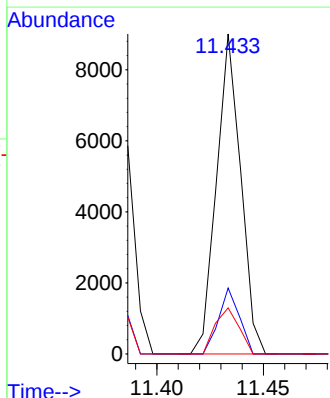
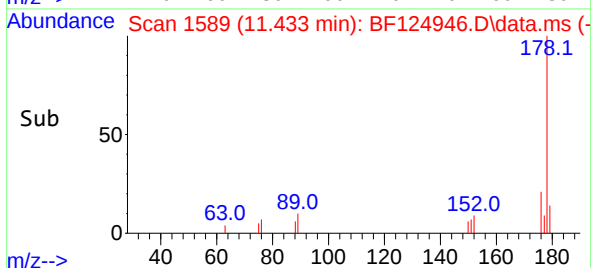
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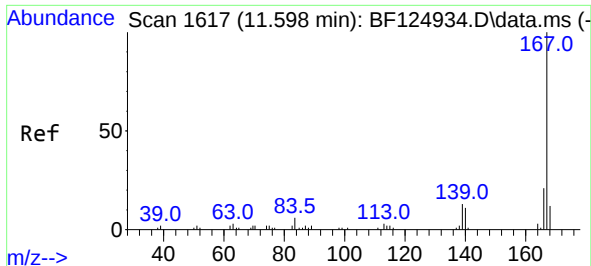


#72
Anthracene
Concen: 5.008 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



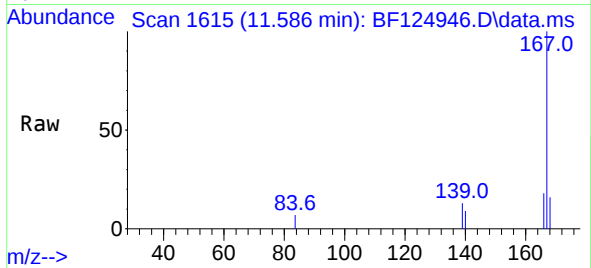
Tgt Ion:178 Resp: 7117
Ion Ratio Lower Upper
178 100
176 20.6 14.3 21.5
179 14.4 12.2 18.4





#73
Carbazole
Concen: 4.740 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

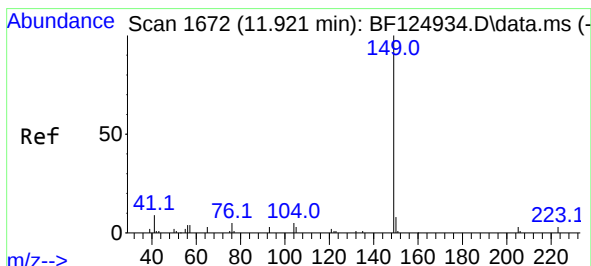
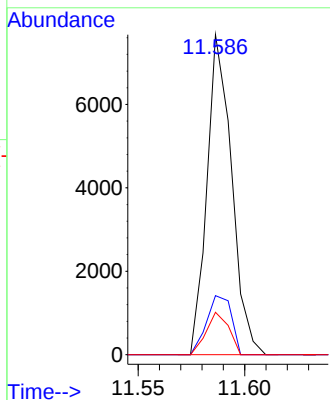
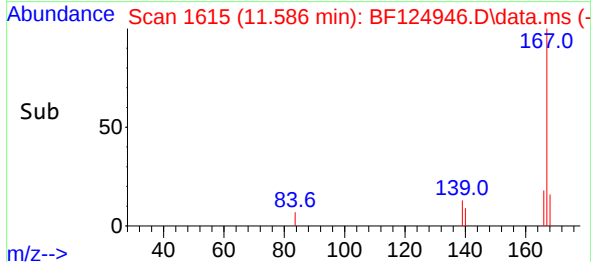
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



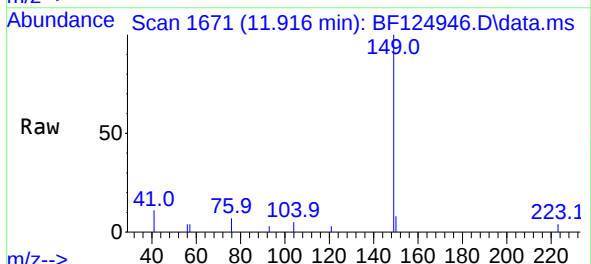
Tgt Ion:167 Resp: 6178
Ion Ratio Lower Upper
167 100
166 18.5 17.4 26.0
139 13.2 11.0 16.4

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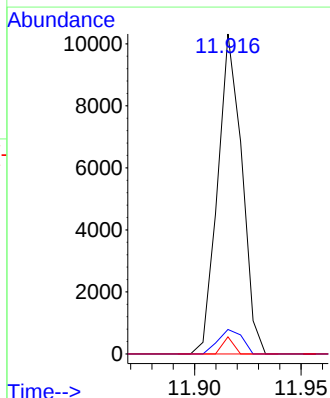
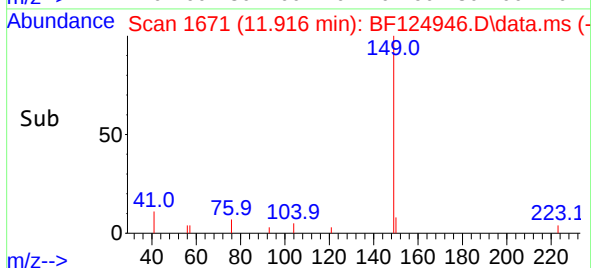
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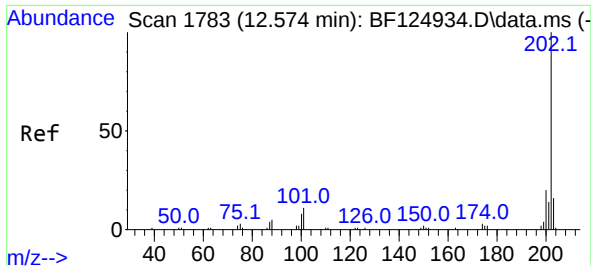


#74
Di-n-butylphthalate
Concen: 4.928 ng
RT: 11.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

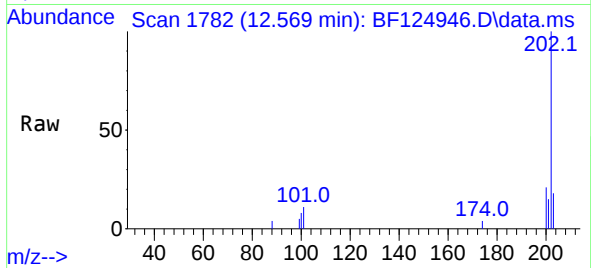


Tgt Ion:149 Resp: 8162
Ion Ratio Lower Upper
149 100
150 7.7 7.4 11.2
104 5.4 4.1 6.1

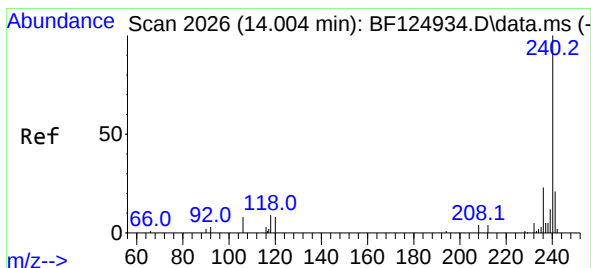
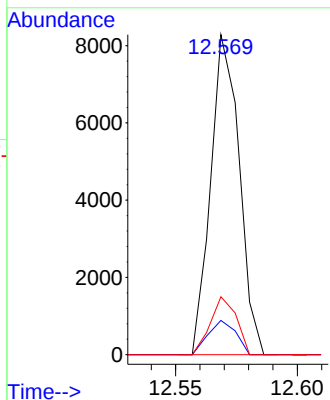
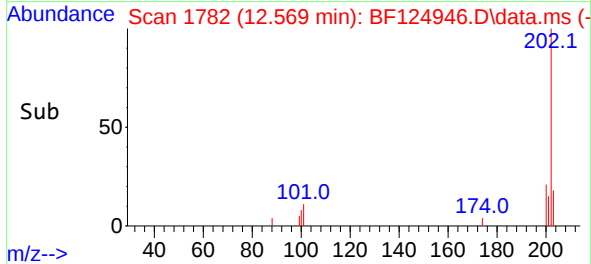




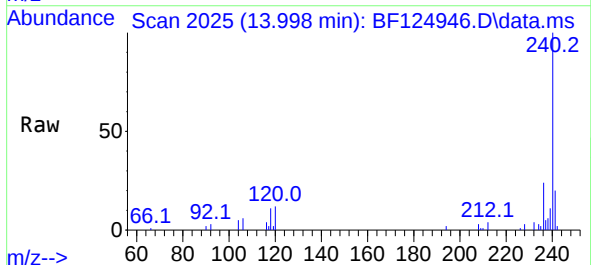
#75
Fluoranthene
Concen: 4.613 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



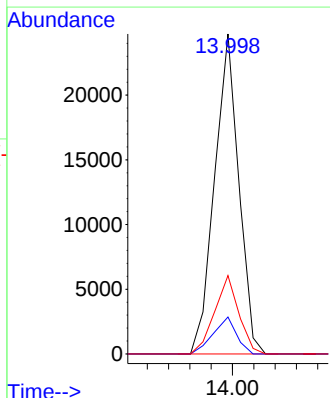
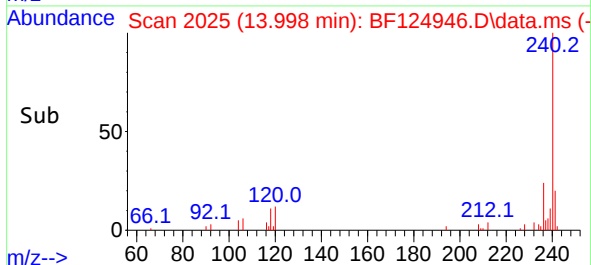
Tgt Ion:202 Resp: 6760
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 18.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



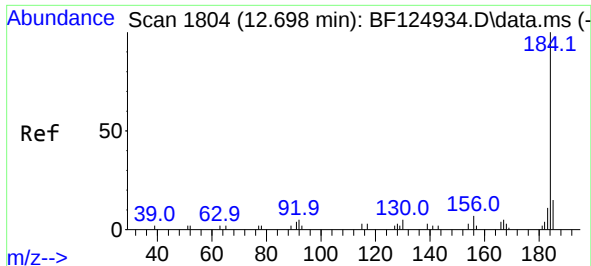
Tgt Ion:240 Resp: 19498
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 24.5 21.6 32.4



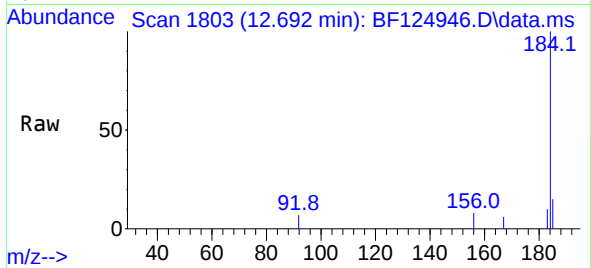
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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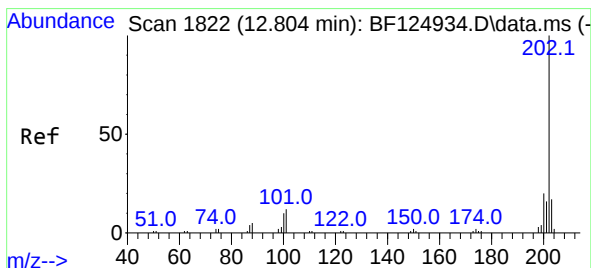
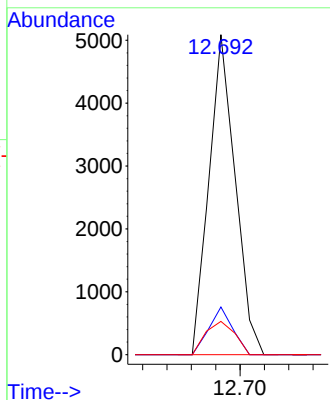
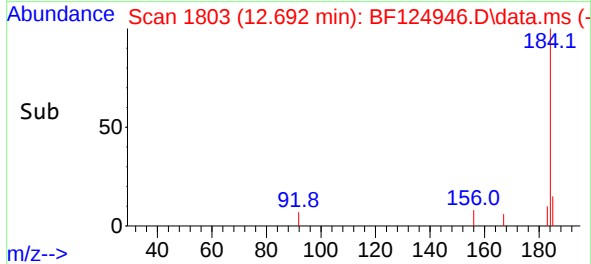
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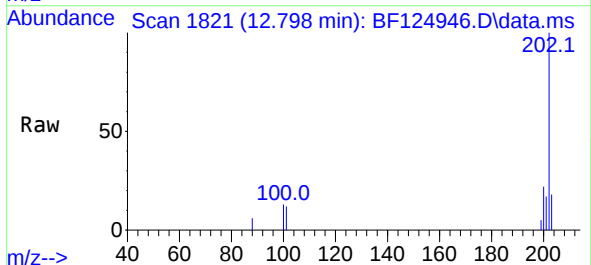
#77
Benzidine
Concen: 7.307 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



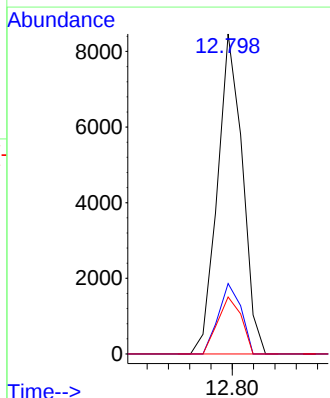
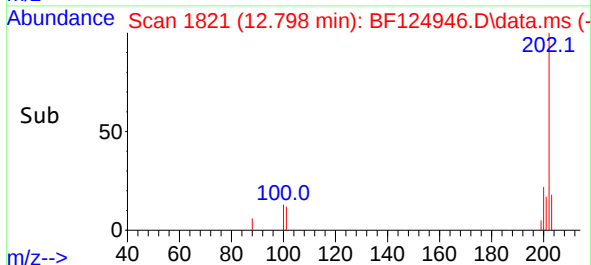
Tgt Ion:184 Resp: 3812
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 10.4 8.1 12.1



#78
Pyrene
Concen: 4.491 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



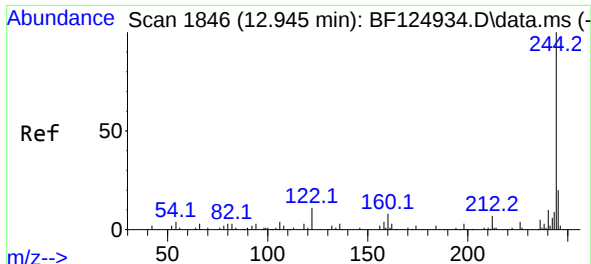
Tgt Ion:202 Resp: 6898
Ion Ratio Lower Upper
202 100
200 22.0 15.3 22.9
203 17.8 13.4 20.0



Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

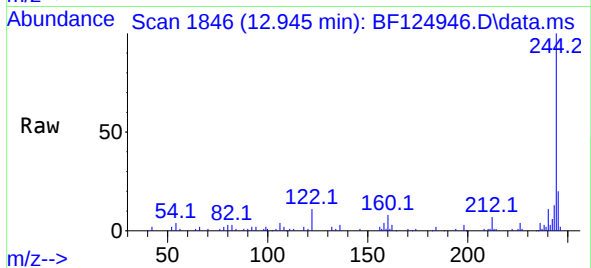
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#79
Terphenyl-d14
Concen: 63.823 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

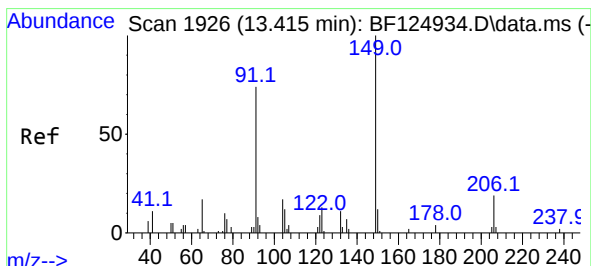
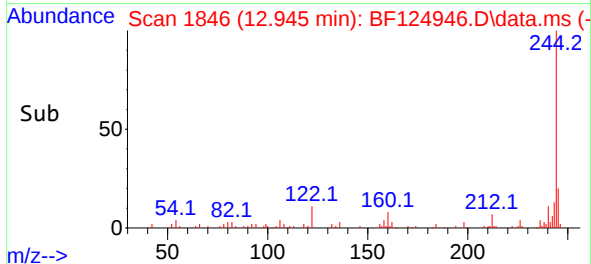
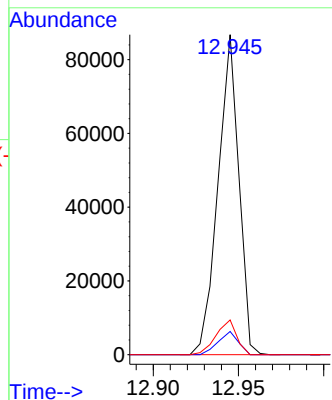
Instrument :
BNA_F
ClientSampleId :
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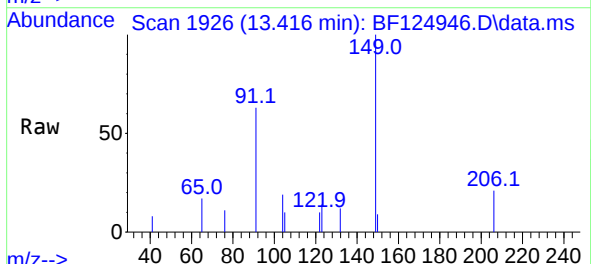
Tgt Ion:244 Resp: 73773
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.8 9.0 13.4

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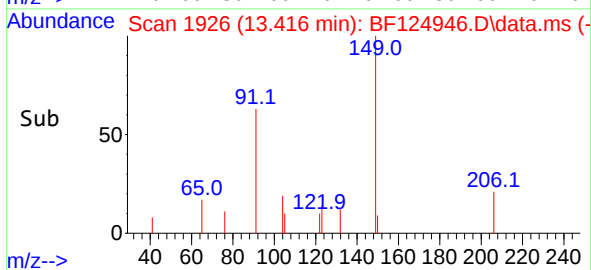
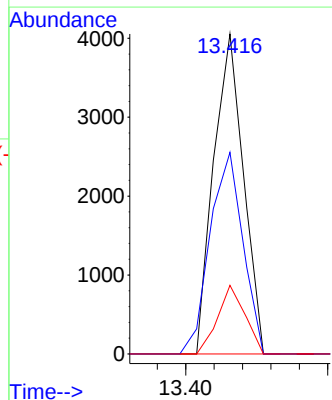
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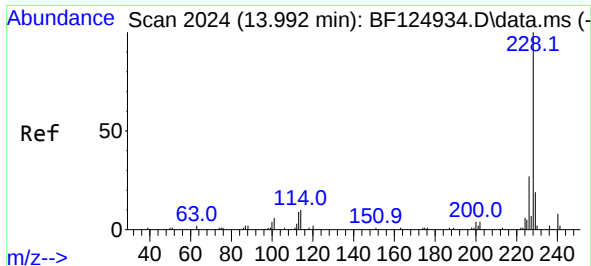


#80
Butylbenzylphthalate
Concen: 4.316 ng
RT: 13.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



Tgt Ion:149 Resp: 2950
Ion Ratio Lower Upper
149 100
91 63.0 51.8 77.8
206 21.4 14.5 21.7





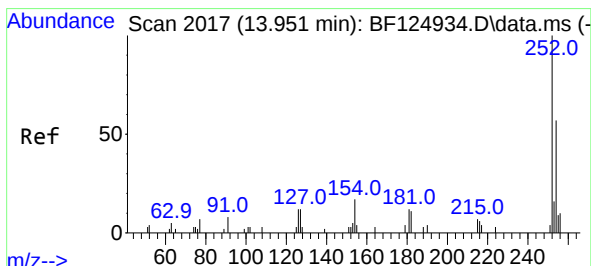
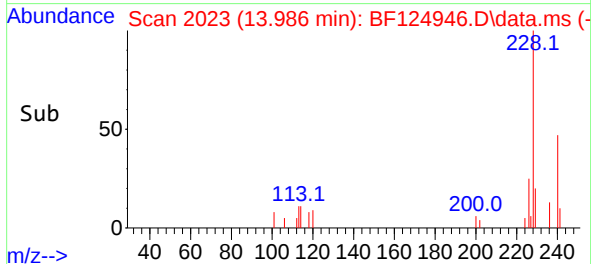
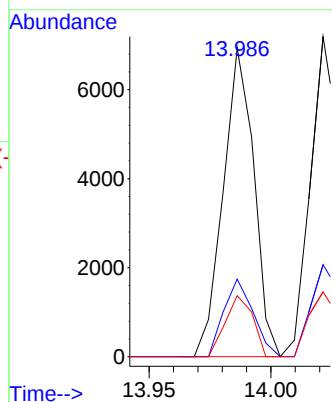
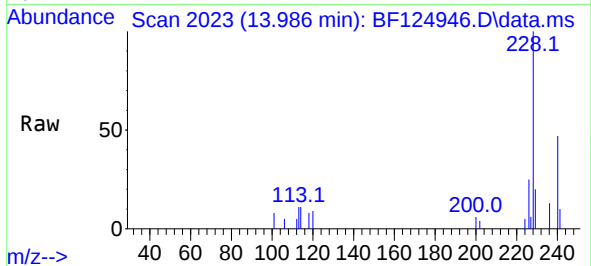
#81
Benzo(a)anthracene
Concen: 4.787 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:228 Resp: 6082
Ion Ratio Lower Upper
228 100
226 25.1 21.6 32.4
229 19.7 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

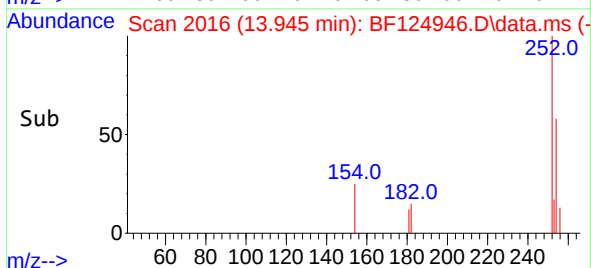
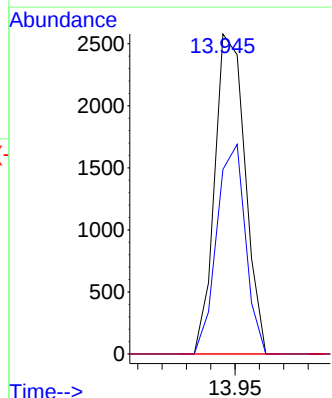
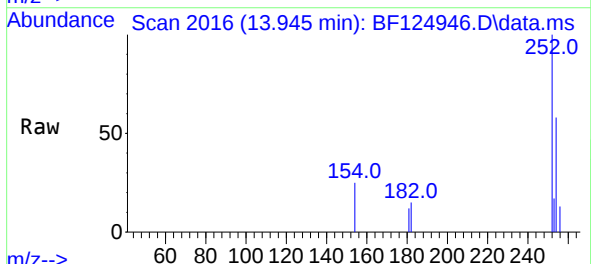
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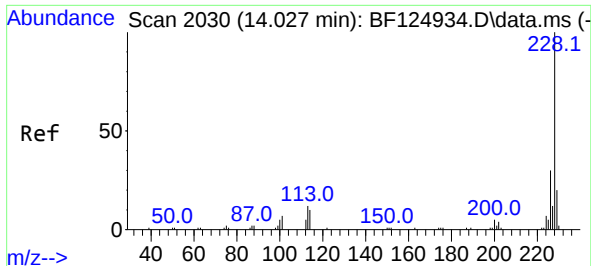
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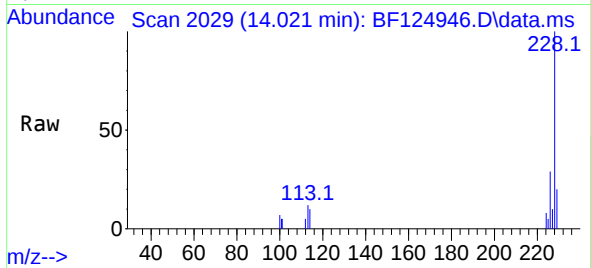
#82
3,3'-Dichlorobenzidine
Concen: 6.675 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:252 Resp: 2236
Ion Ratio Lower Upper
252 100
254 57.7 51.4 77.0
126 0.0 9.5 14.3#

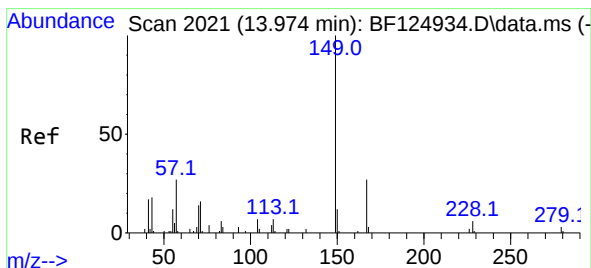
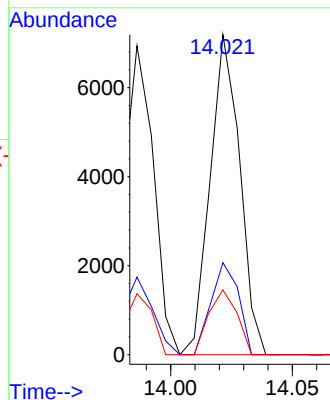
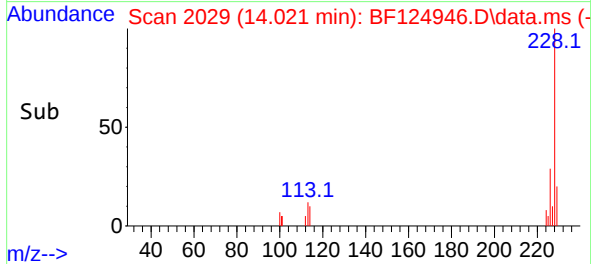




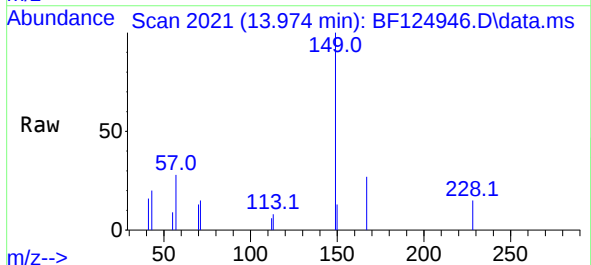
#83
Chrysene
Concen: 4.964 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



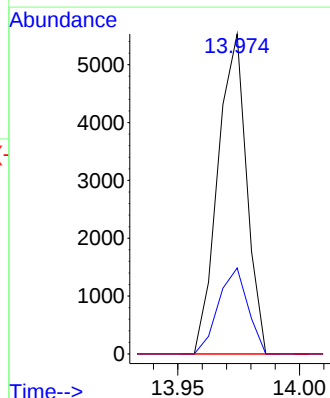
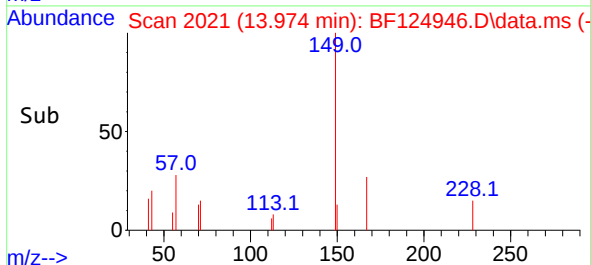
Tgt Ion:228 Resp: 6097
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.2 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.783 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36



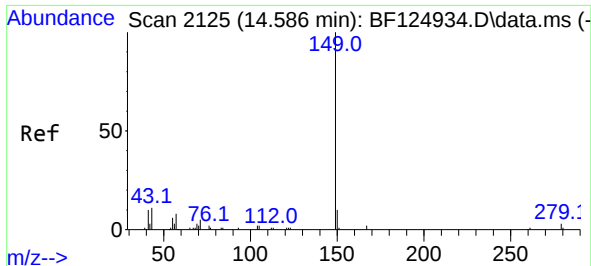
Tgt Ion:149 Resp: 4535
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 0.0 2.6 4.0#



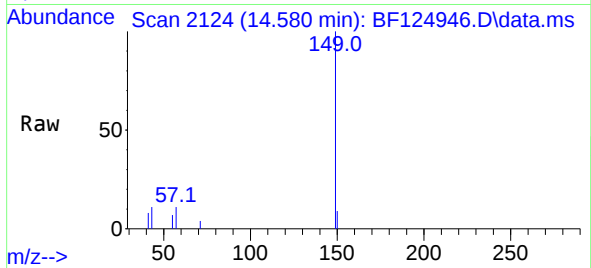
Instrument :
BNA_F
ClientSampleId :
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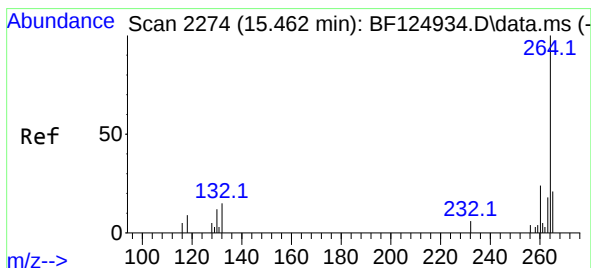
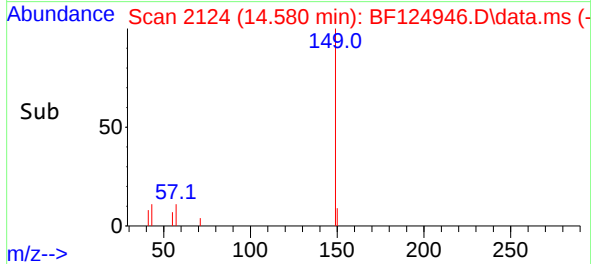
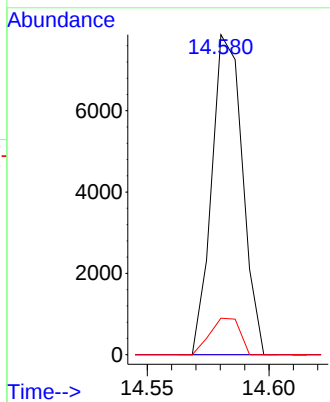
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#85
Di-n-octyl phthalate
Concen: 4.614 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

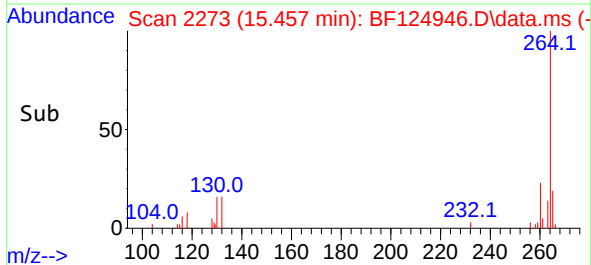
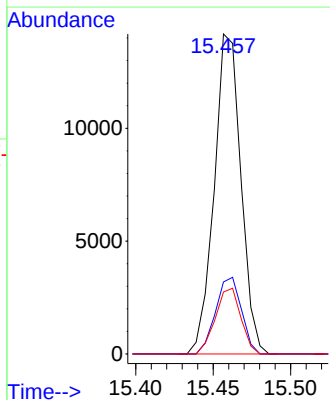
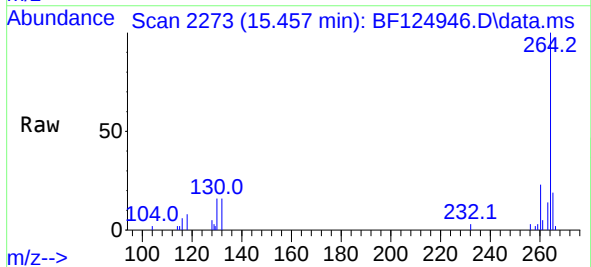


Tgt Ion:149 Resp: 6902
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.1 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

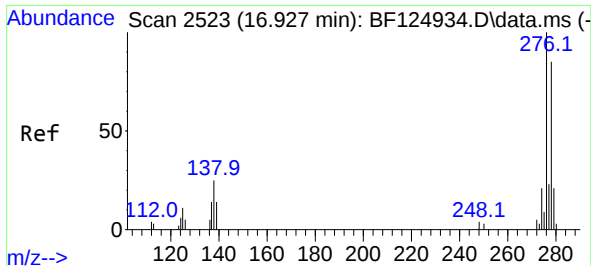
Tgt Ion:264 Resp: 16997
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 19.3 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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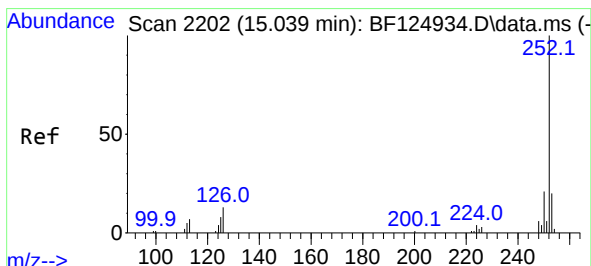
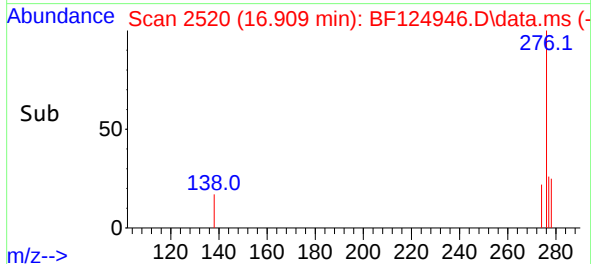
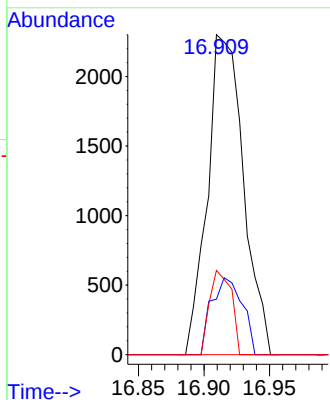
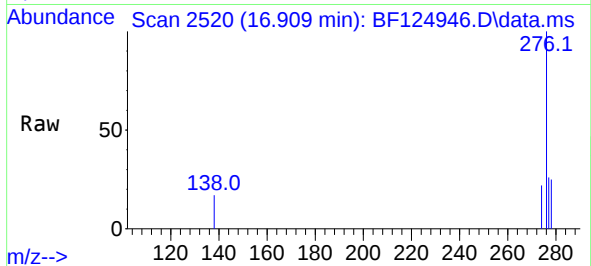
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.341 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.017 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 276 Resp: 4394
Ion Ratio Lower Upper
276 100
138 20.5 24.1 36.1#
277 15.9 18.8 28.2#

Instrument :
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ClientSampleId :
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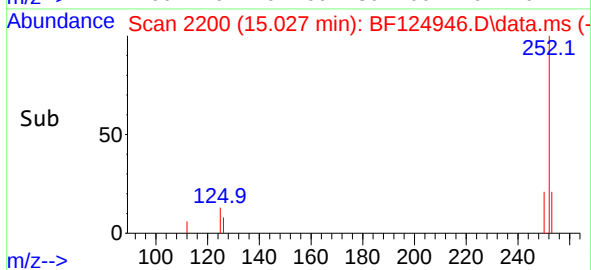
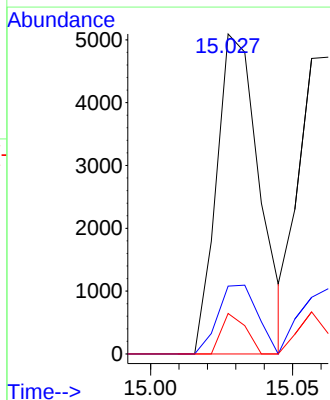
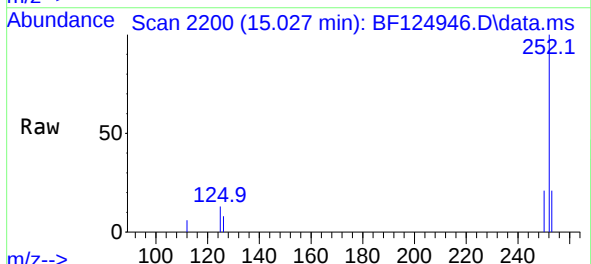
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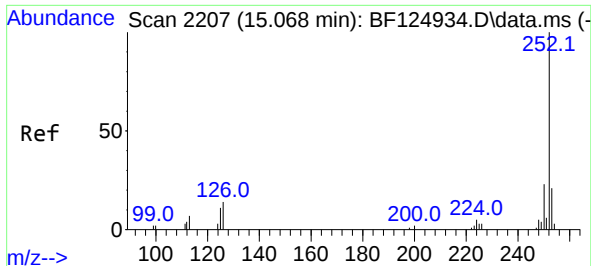
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#88
Benzo(b)fluoranthene
Concen: 4.496 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion: 252 Resp: 5366
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 12.7 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 4.595 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF124946.D

Acq: 5 Aug 2021 14:36

Tgt Ion:252 Resp: 4989

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 6.8 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

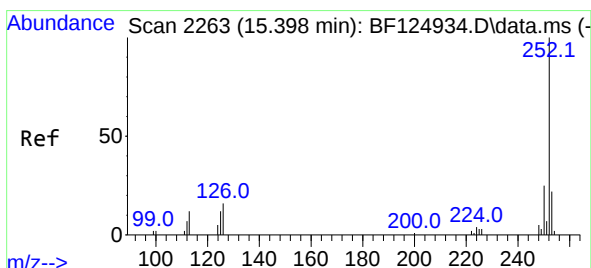
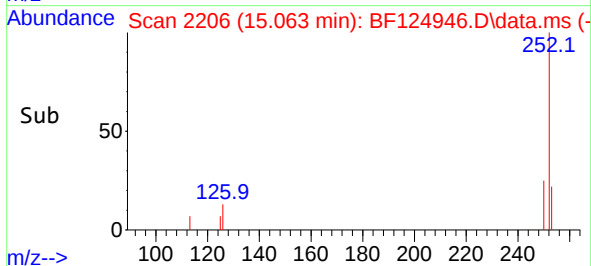
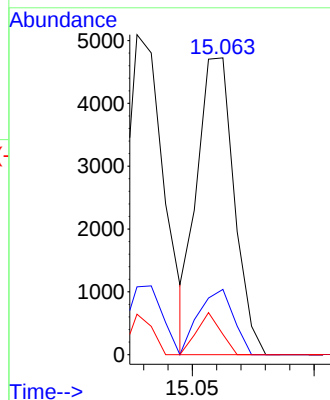
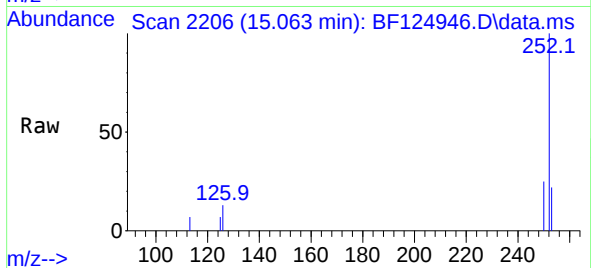
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#90

Benzo(a)pyrene

Concen: 4.680 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF124946.D

Acq: 5 Aug 2021 14:36

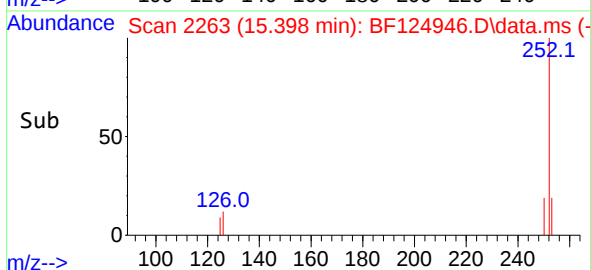
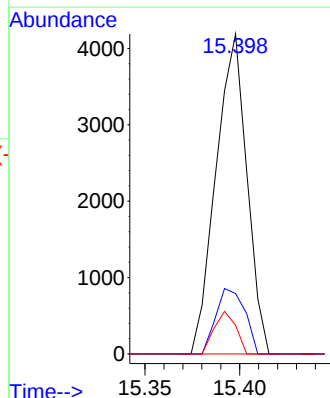
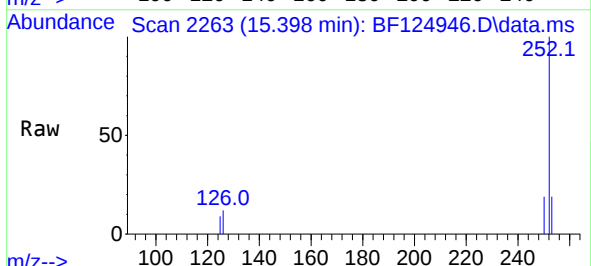
Tgt Ion:252 Resp: 4756

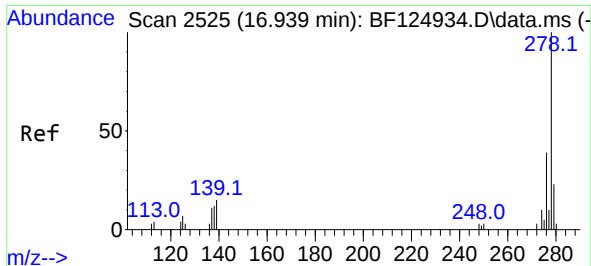
Ion Ratio Lower Upper

252 100

253 18.9 18.4 27.6

125 9.0 9.9 14.9#





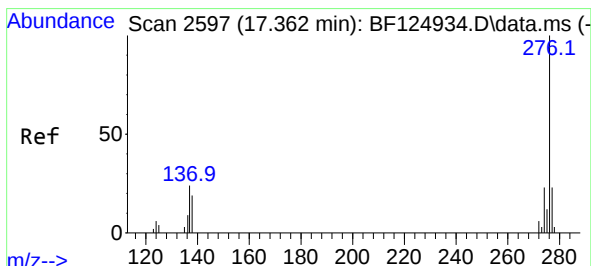
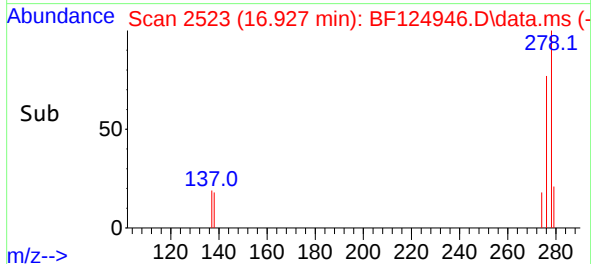
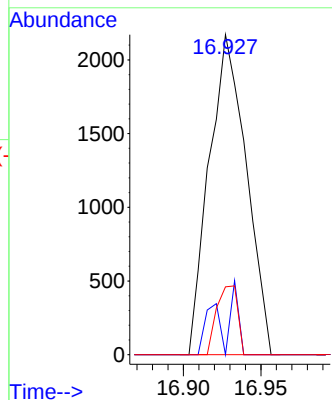
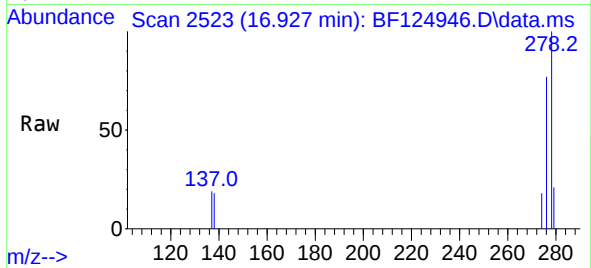
#91
Dibenzo(a,h)anthracene
Concen: 4.067 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:278 Resp: 3619
Ion Ratio Lower Upper
278 100
139 0.0 14.9 22.3#
279 21.2 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 3.942 ng
RT: 17.357 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BF124946.D
Acq: 5 Aug 2021 14:36

Tgt Ion:276 Resp: 3365
Ion Ratio Lower Upper
276 100
277 18.8 22.0 33.0#
138 22.6 22.2 33.4

