

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
 Data File : BF124959.D
 Acq On : 6 Aug 2021 12:31
 Operator : JU/CG
 Sample : M2262-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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 8/9/2021 12:16:07 PM

Quant Time: Aug 06 12:54:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	7081	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	26077	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	14507	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	26135	20.000	ng	0.00
76) Chrysene-d12	13.986	240	20292	20.000	ng	0.00
86) Perylene-d12	15.445	264	17167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	44310	102.506	ng	0.00
7) Phenol-d6	6.457	99	55432	101.699	ng	0.00
23) Nitrobenzene-d5	7.392	82	33303	66.809	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	13514	104.270	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	68119	68.708	ng	0.00
79) Terphenyl-d14	12.939	244	74757	62.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	1381	8.540	ng	# 100
3) Pyridine	3.393	79	2159m	5.745	ng	
4) n-Nitrosodimethylamine	3.275	42	1673	6.269	ng	88
6) Aniline	6.492	93	5393	9.367	ng	95
8) 2-Chlorophenol	6.610	128	3740	7.888	ng	87
9) Benzaldehyde	6.381	77	3083	10.397	ng	97
10) Phenol	6.469	94	4454	7.920	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	3498	8.291	ng	99
12) 1,3-Dichlorobenzene	6.769	146	4274	8.282	ng	96
13) 1,4-Dichlorobenzene	6.845	146	4362	8.455	ng	92
14) 1,2-Dichlorobenzene	6.998	146	4188	8.662	ng	95
15) Benzyl Alcohol	6.969	79	3320	8.444	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.104	45	5866	8.678	ng	93
17) 2-Methylphenol	7.075	107	2744	7.731	ng	93
18) Hexachloroethane	7.339	117	1601	7.926	ng	87
19) n-Nitroso-di-n-propyla...	7.233	70	2460	7.606	ng	96
20) 3+4-Methylphenols	7.228	107	3851	8.173	ng	91
22) Acetophenone	7.233	105	5371	8.410	ng	# 90
24) Nitrobenzene	7.410	77	3916	8.119	ng	95
25) Isophorone	7.645	82	7020	8.251	ng	# 92
26) 2-Nitrophenol	7.728	139	1815	7.410	ng	# 89
27) 2,4-Dimethylphenol	7.757	122	3059	8.810	ng	# 73
28) bis(2-Chloroethoxy)met...	7.857	93	4280	8.839	ng	# 95
29) 2,4-Dichlorophenol	7.963	162	2996	7.745	ng	95
30) 1,2,4-Trichlorobenzene	8.051	180	3487	8.043	ng	96
31) Naphthalene	8.133	128	11465	8.557	ng	96
32) Benzoic acid	7.857	122	752	10.528	ng	# 76
33) 4-Chloroaniline	8.180	127	4419	8.851	ng	96
34) Hexachlorobutadiene	8.251	225	2164	8.359	ng	# 80
35) Caprolactam	8.516	113	676	6.581	ng	# 87
36) 4-Chloro-3-methylphenol	8.657	107	3176	7.849	ng	95
37) 2-Methylnaphthalene	8.822	142	7651	8.493	ng	99
38) 1-Methylnaphthalene	8.922	142	6753	8.012	ng	96
40) 1,2,4,5-Tetrachloroben...	8.986	216	3386	8.132	ng	96
41) Hexachlorocyclopentadiene	8.975	237	865	10.481	ng	88
43) 2,4,6-Trichlorophenol	9.098	196	1906m	6.876	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	2276	8.111	ng	91
46) 1,1'-Biphenyl	9.286	154	9351	8.650	ng	98
47) 2-Chloronaphthalene	9.310	162	7121	8.280	ng	90
48) 2-Nitroaniline	9.404	65	2030	8.035	ng #	84
49) Acenaphthylene	9.727	152	11408	8.732	ng	94
50) Dimethylphthalate	9.580	163	8287	8.430	ng #	97
51) 2,6-Dinitrotoluene	9.645	165	1617	7.387	ng #	87
52) Acenaphthene	9.898	154	6448	8.141	ng	100
53) 3-Nitroaniline	9.816	138	1755	7.612	ng #	64
54) 2,4-Dinitrophenol	9.927	184	299	7.937	ng #	42
55) Dibenzofuran	10.069	168	10545	8.519	ng	98
56) 4-Nitrophenol	9.969	139	1004	6.606	ng #	78
57) 2,4-Dinitrotoluene	10.051	165	2321	7.809	ng #	80
58) Fluorene	10.410	166	8032	8.463	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.186	232	1626	7.723	ng #	85
60) Diethylphthalate	10.280	149	8428	8.354	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	4030	8.992	ng	91
62) 4-Nitroaniline	10.421	138	1521	6.795	ng	91
63) Azobenzene	10.563	77	7849	7.956	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	998	6.095	ng	85
66) n-Nitrosodiphenylamine	10.521	169	6508	7.683	ng	96
67) 4-Bromophenyl-phenylether	10.892	248	2183	7.626	ng	92
68) Hexachlorobenzene	10.957	284	2558	8.214	ng	96
69) Atrazine	11.045	200	2236	8.785	ng	94
70) Pentachlorophenol	11.157	266	572	7.303	ng #	84
71) Phenanthrene	11.374	178	11946	8.426	ng	98
72) Anthracene	11.427	178	12312	8.657	ng	96
73) Carbazole	11.580	167	10201	7.821	ng	95
74) Di-n-butylphthalate	11.910	149	13938	8.409	ng #	97
75) Fluoranthene	12.563	202	11899	8.113	ng	96
77) Benzidine	12.680	184	6542	12.049	ng	97
78) Pyrene	12.792	202	12358	7.732	ng	96
80) Butylbenzylphthalate	13.404	149	5139	7.225	ng	93
81) Benzo(a)anthracene	13.974	228	10541	7.971	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	3826	10.974	ng	96
83) Chrysene	14.015	228	9795	7.662	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	7721	7.825	ng	98
85) Di-n-octyl phthalate	14.574	149	12063	7.749	ng #	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	7897	7.725	ng #	91
88) Benzo(b)fluoranthene	15.015	252	10278	8.527	ng	96
89) Benzo(k)fluoranthene	15.045	252	8641m	7.880	ng	
90) Benzo(a)pyrene	15.380	252	8175	7.964	ng	96
91) Dibenzo(a,h)anthracene	16.903	278	6720	7.476	ng #	95
92) Benzo(g,h,i)perylene	17.333	276	6130	7.110	ng #	85

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

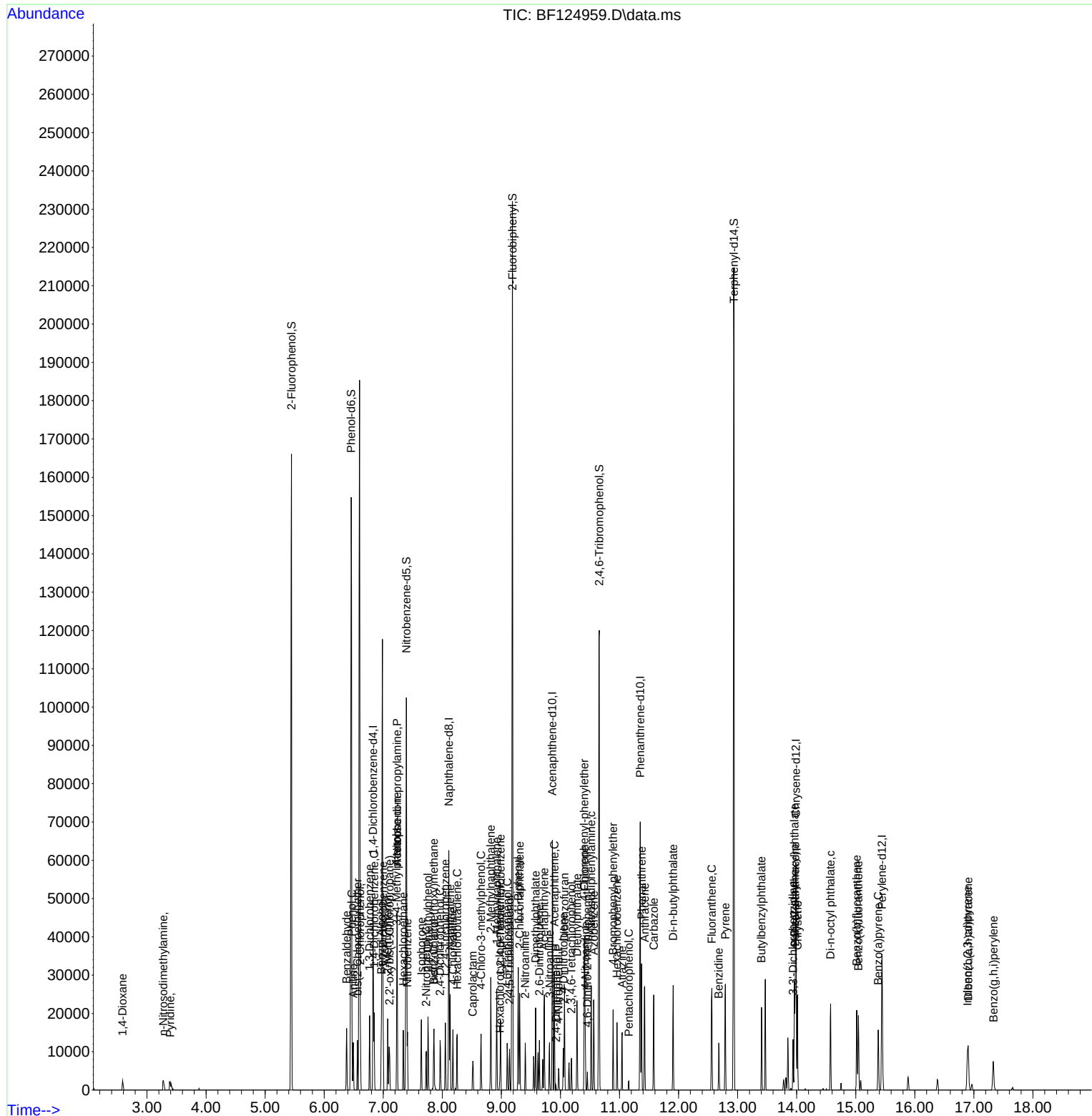
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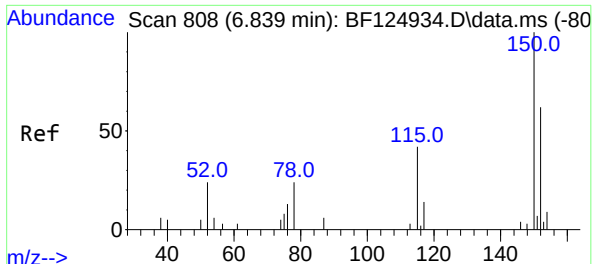
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

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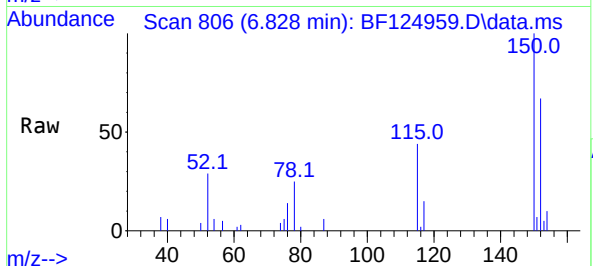
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

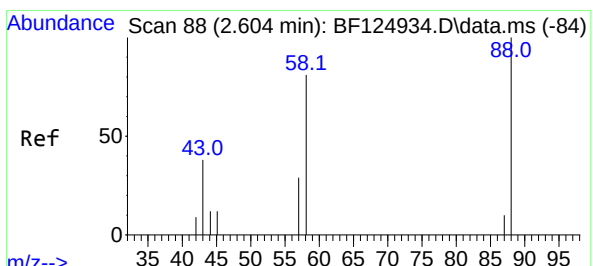
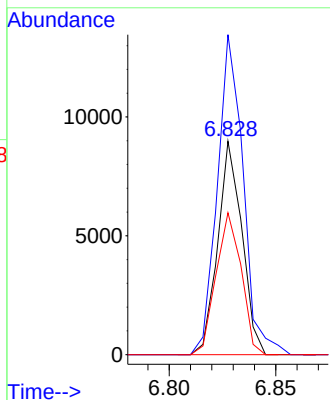
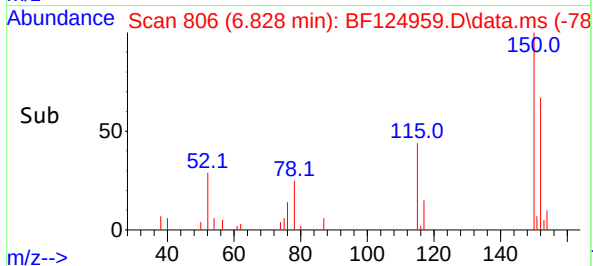
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



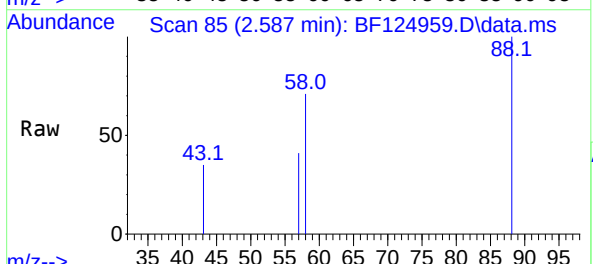
Tgt Ion:152 Resp: 7081
Ion Ratio Lower Upper
152 100
150 149.9 117.6 176.4
115 66.5 47.1 70.7

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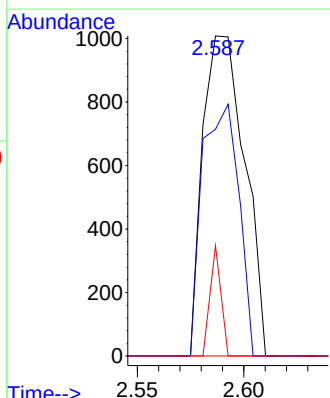
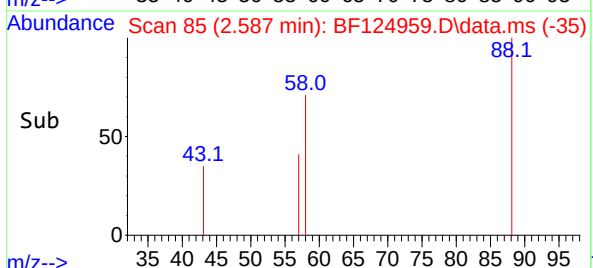
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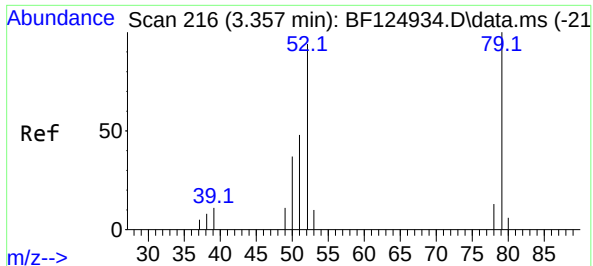


#2
1,4-Dioxane
Concen: 8.540 ng
RT: 2.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

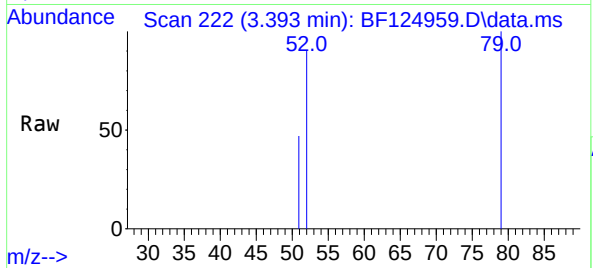


Tgt Ion: 88 Resp: 1381
Ion Ratio Lower Upper
88 100
58 68.1 0.0 0.0#
43 8.9 0.0 0.0#

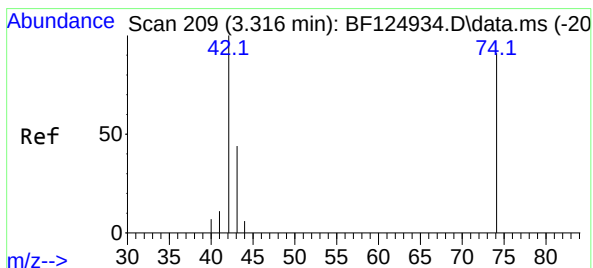
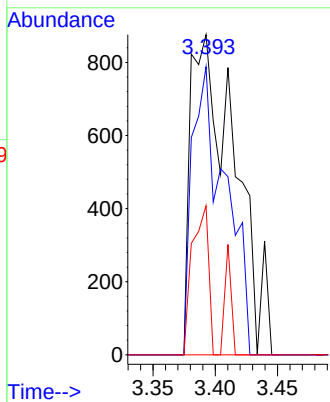
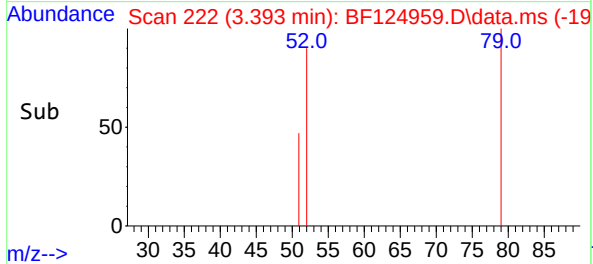




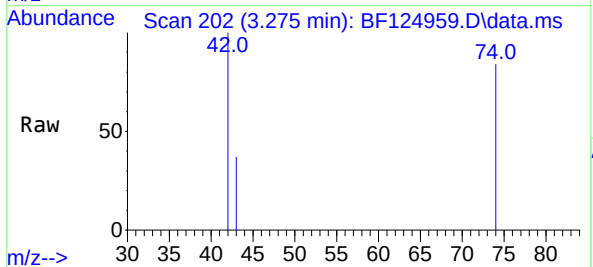
#3
Pyridine
Concen: 5.745 ng m
RT: 3.393 min Scan# 222
Delta R.T. 0.053 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



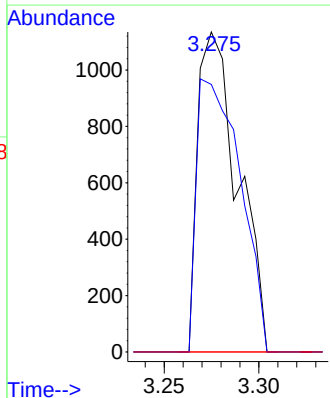
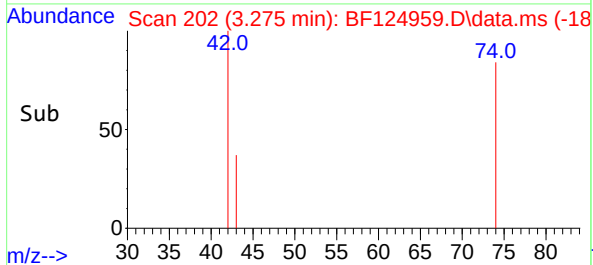
Tgt Ion: 79 Resp: 2159
Ion Ratio Lower Upper
79 100
52 90.0 70.3 105.5
51 46.6 44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 6.269 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.018 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



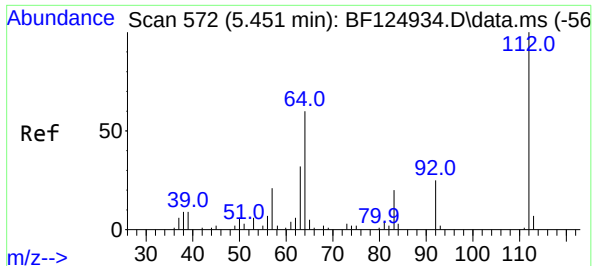
Tgt Ion: 42 Resp: 1673
Ion Ratio Lower Upper
42 100
74 83.6 59.0 88.6
44 0.0 0.0 0.0



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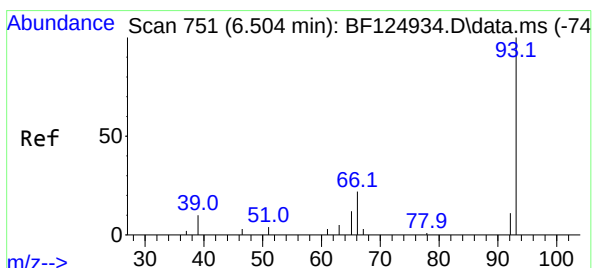
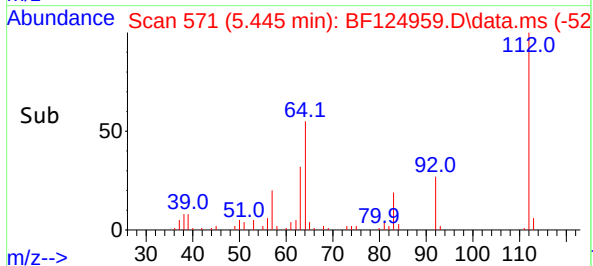
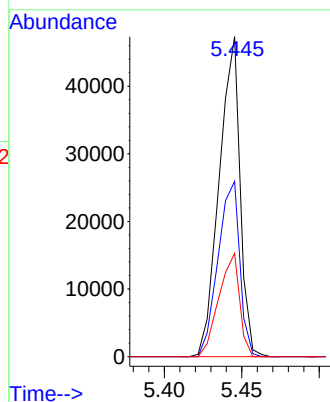
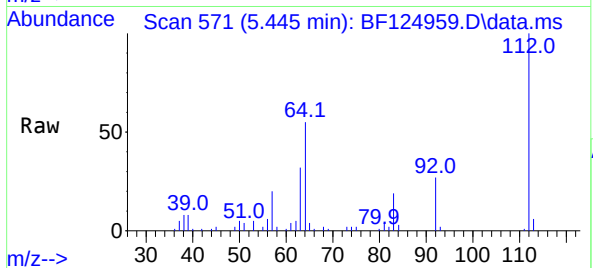
#5
2-Fluorophenol
Concen: 102.506 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion:112 Resp: 44310
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 32.3 26.2 39.2

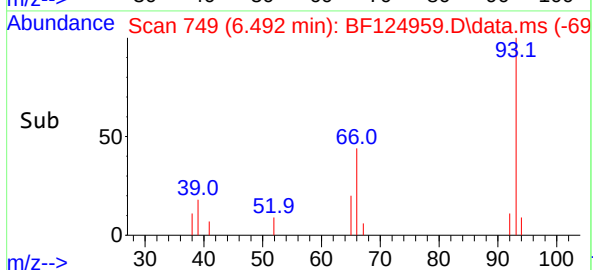
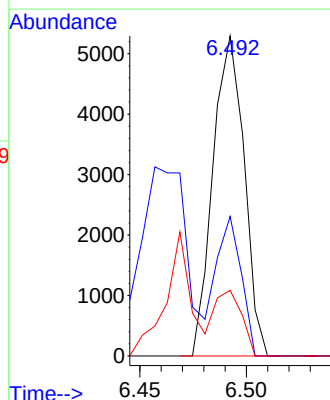
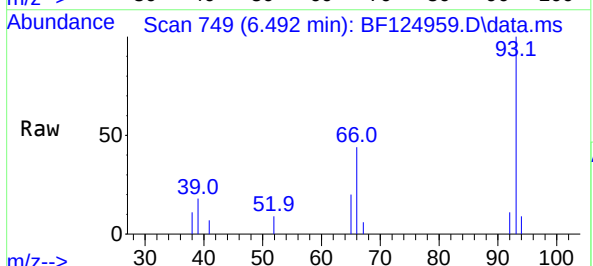
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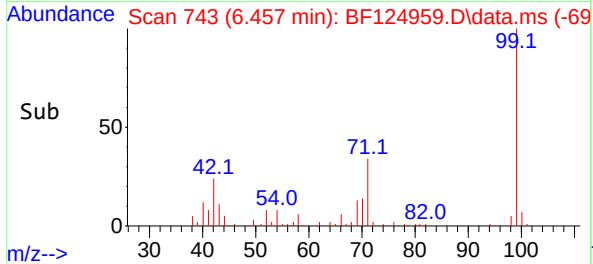
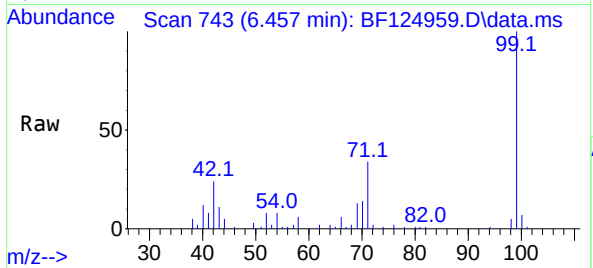
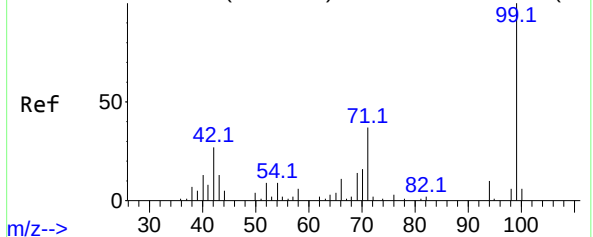


#6
Aniline
Concen: 9.367 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion: 93 Resp: 5393
Ion Ratio Lower Upper
93 100
66 43.6 32.7 49.1
65 20.5 14.2 21.4



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



#7

Phenol-d6

Concen: 101.699 ng

RT: 6.457 min Scan# 743

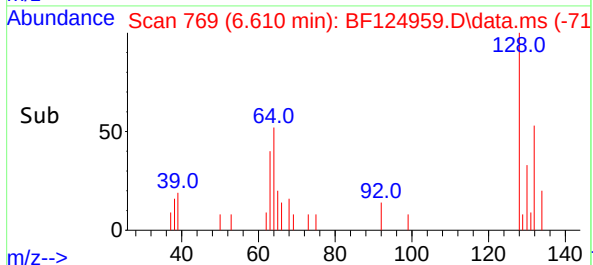
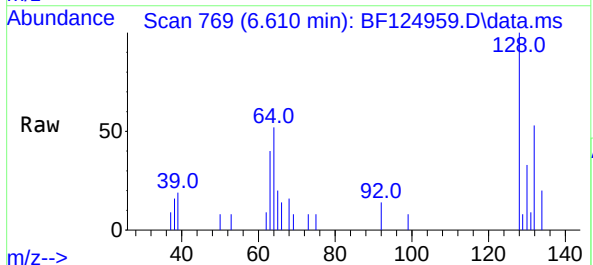
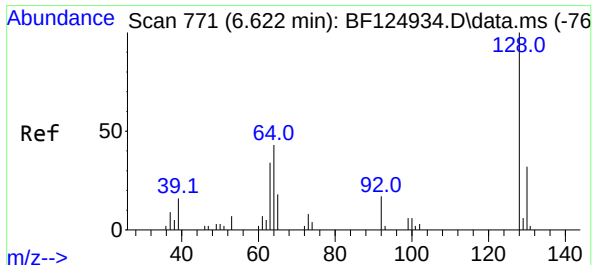
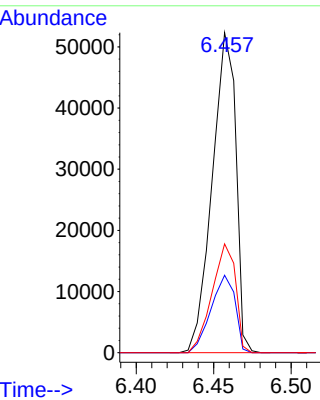
Delta R.T. -0.006 min

Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

Tgt Ion: 99 Resp: 55432

Ion	Ratio	Lower	Upper
99	100		
42	24.2	23.5	35.3
71	34.0	25.6	38.4



#8

2-Chlorophenol

Concen: 7.888 ng

RT: 6.610 min Scan# 769

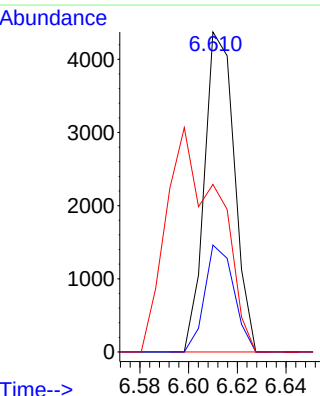
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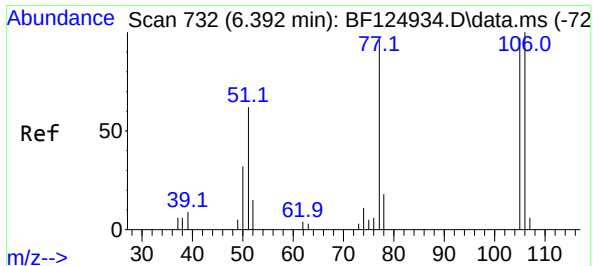
Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

Tgt Ion: 128 Resp: 3740

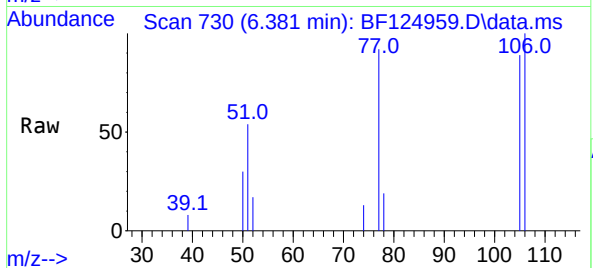
Ion	Ratio	Lower	Upper
128	100		
130	33.4	10.5	50.5
64	52.4	20.3	60.3





#9
Benzaldehyde
Concen: 10.397 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF124959.D
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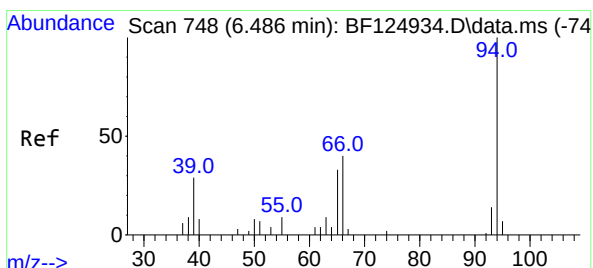
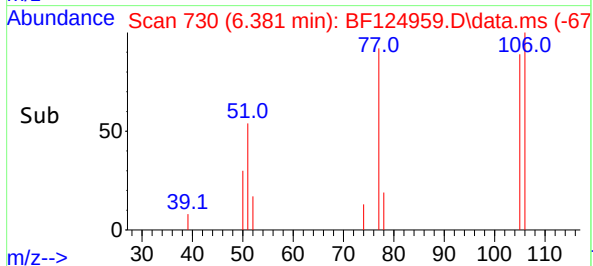
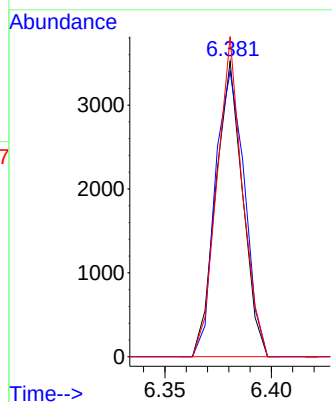
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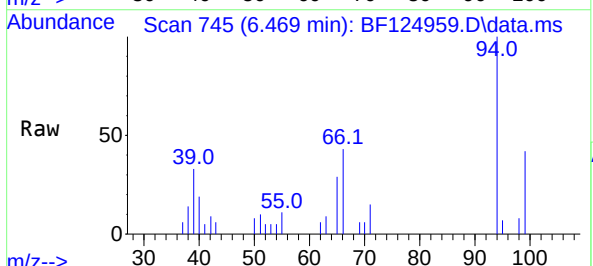
Tgt Ion: 77 Resp: 3083
Ion Ratio Lower Upper
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106 108.3 84.0 124.0

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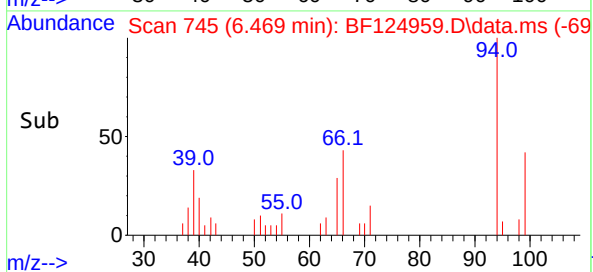
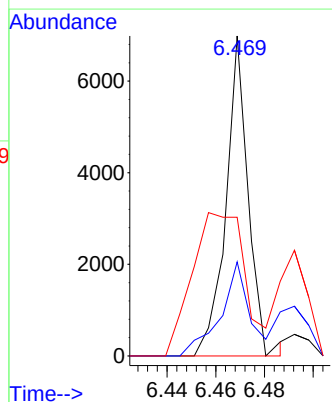
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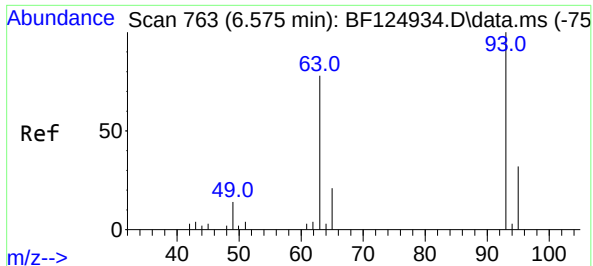


#10
Phenol
Concen: 7.920 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF124959.D
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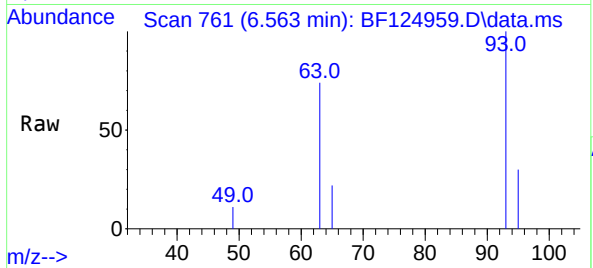


Tgt Ion: 94 Resp: 4454
Ion Ratio Lower Upper
94 100
65 29.4 9.3 49.3
66 43.4 20.3 60.3



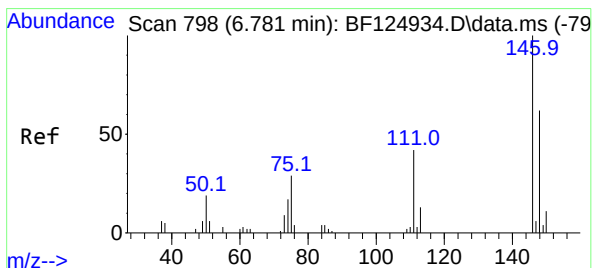
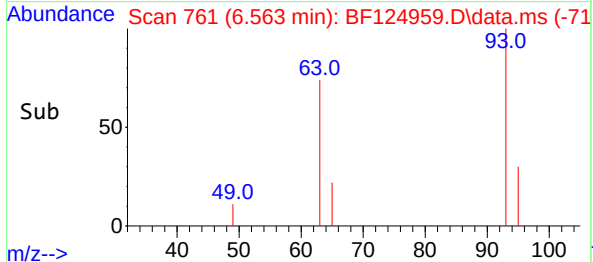
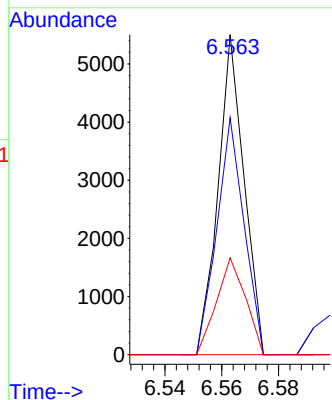


#11
bis(2-Chloroethyl)ether
Concen: 8.291 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

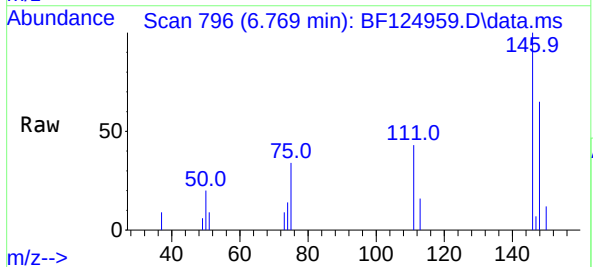


Tgt Ion: 93 Resp: 3498

Ion	Ratio	Lower	Upper
93	100		
63	74.0	54.4	94.4
95	30.3	11.4	51.4

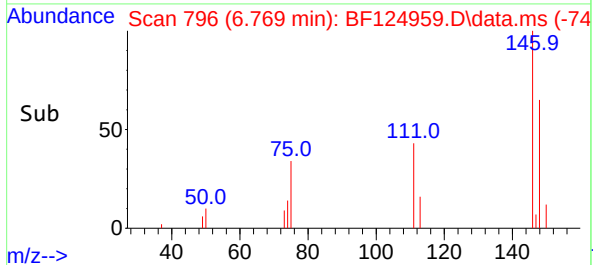
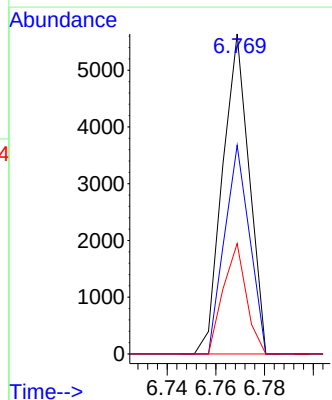


#12
1,3-Dichlorobenzene
Concen: 8.282 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion: 146 Resp: 4274

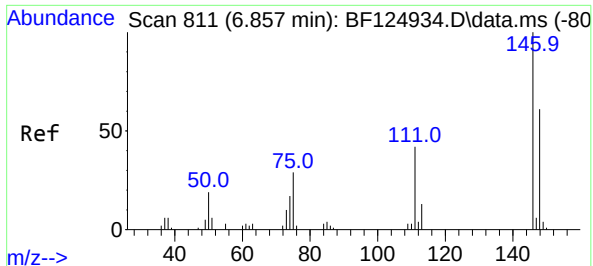
Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.7	74.5
75	34.5	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

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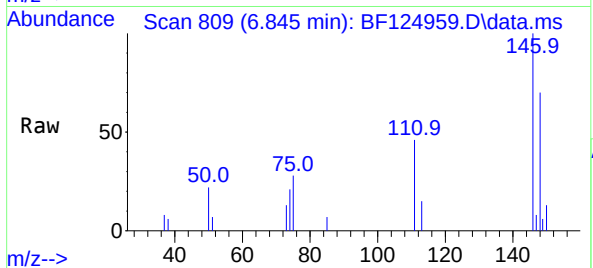
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#13

1,4-Dichlorobenzene
Concen: 8.455 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

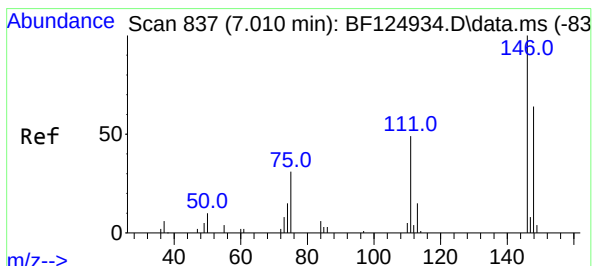
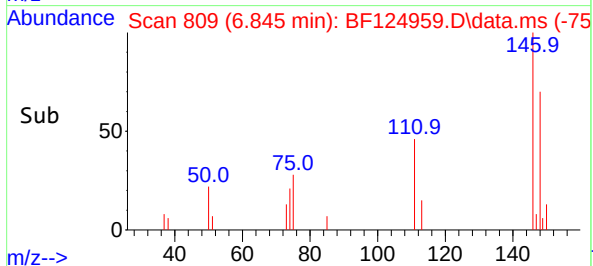
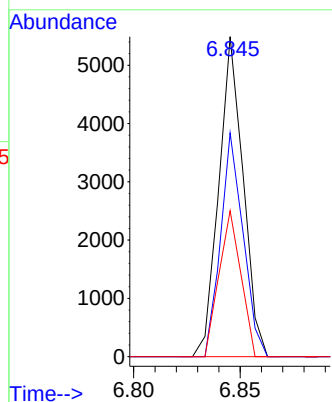
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	146	Resp:	4362
Ion	Ratio	Lower	Upper
146	100		
148	69.9	51.9	77.9
111	45.6	31.8	47.6

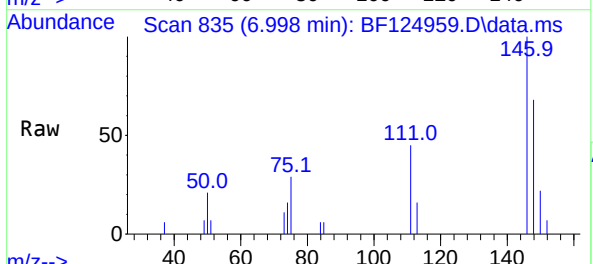
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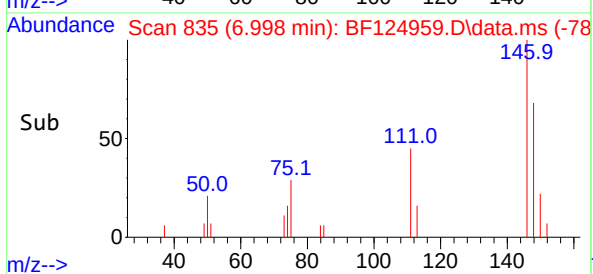
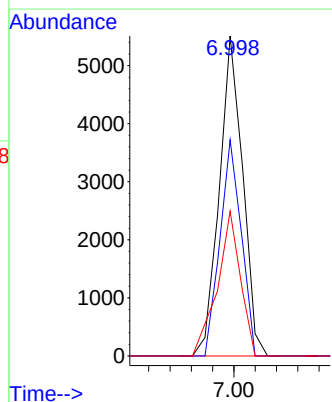


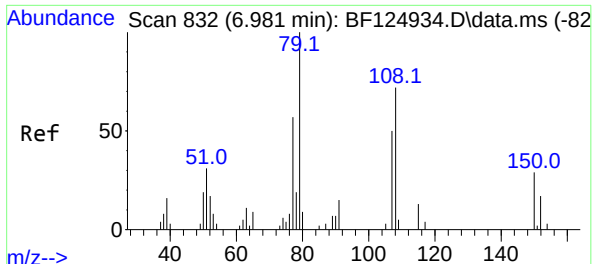
#14

1,2-Dichlorobenzene
Concen: 8.662 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



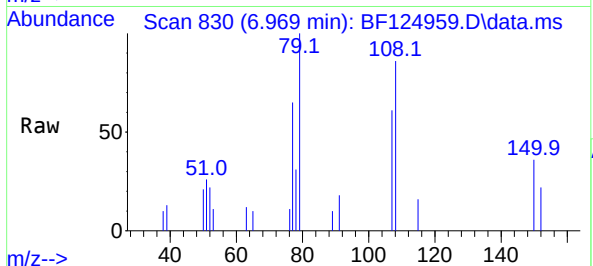
Tgt Ion:	146	Resp:	4188
Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.6	75.8
111	45.2	33.5	50.3





#15
Benzyl Alcohol
Concen: 8.444 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

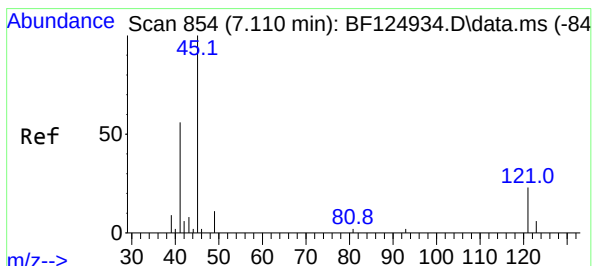
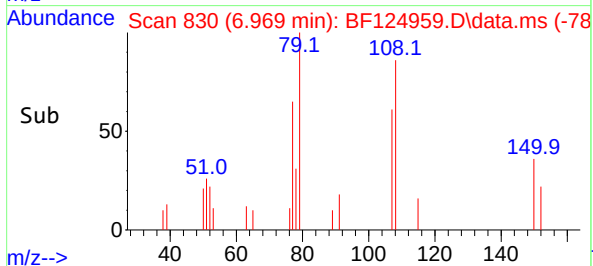
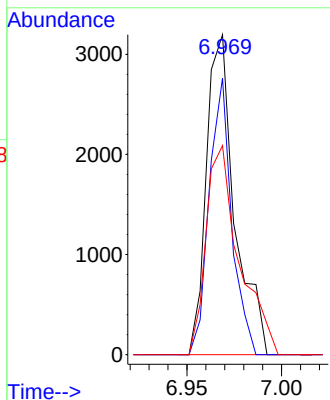
Instrument :
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ClientSampleId :
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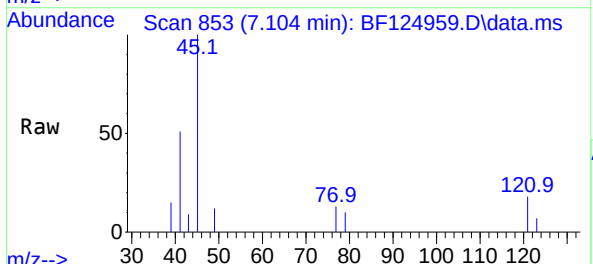
Tgt Ion: 79 Resp: 3320
Ion Ratio Lower Upper
79 100
108 86.5 60.4 90.6
77 65.4 51.5 77.3

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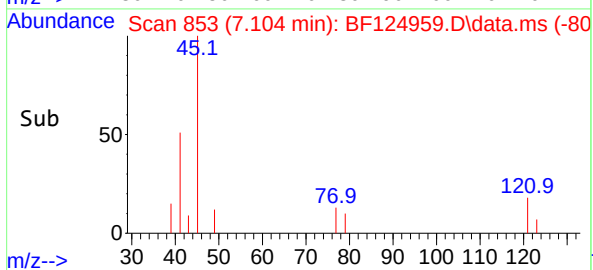
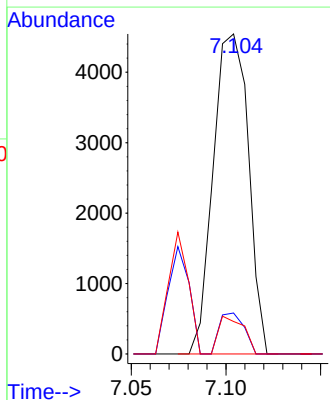
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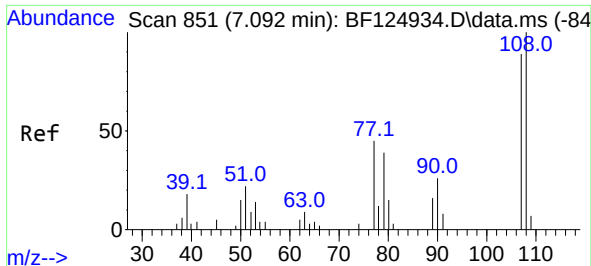


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.678 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



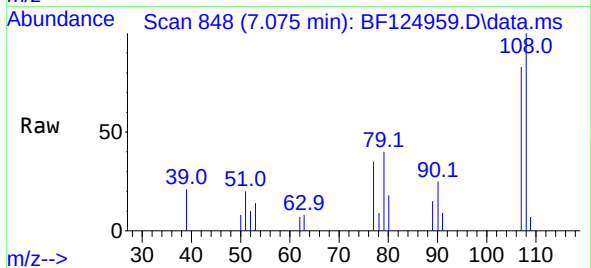
Tgt Ion: 45 Resp: 5866
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.6
79 10.2 0.0 27.5





#17
2-Methylphenol
Concen: 7.731 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

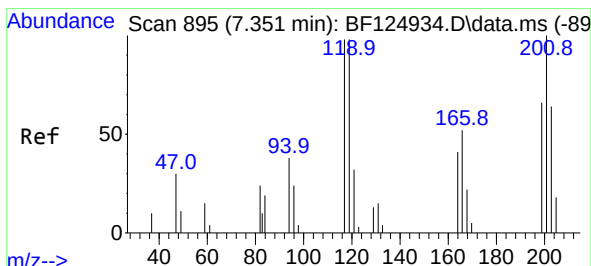
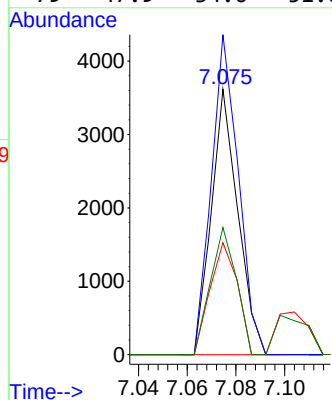
Instrument :
BNA_F
ClientSampleId :
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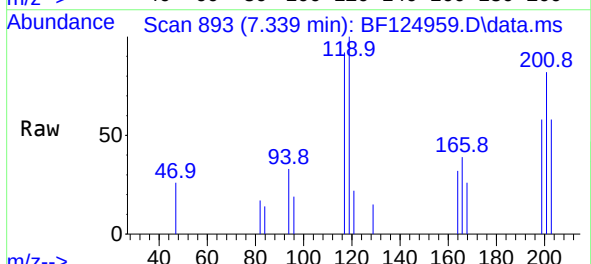
Tgt Ion:	107	Resp:	2744
Ion	Ratio	Lower	Upper
107	100		
108	120.6	90.6	135.8
77	42.2	35.7	53.5
79	47.9	34.0	51.0

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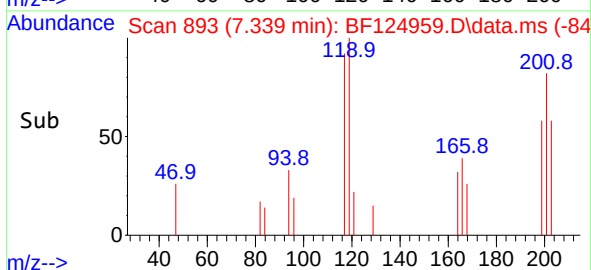
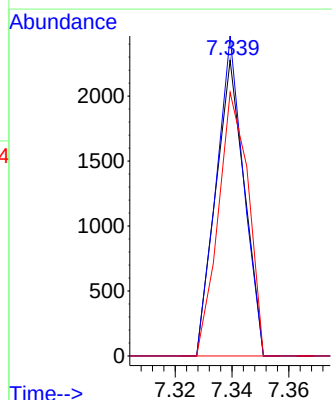
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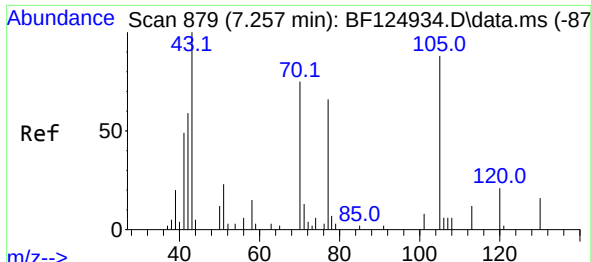


#18
Hexachloroethane
Concen: 7.926 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

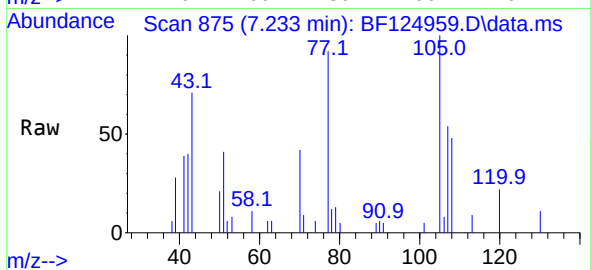


Tgt Ion:	117	Resp:	1601
Ion	Ratio	Lower	Upper
117	100		
119	108.2	73.4	110.2
201	89.1	64.9	97.3



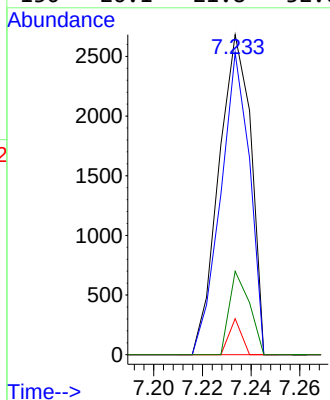


#19
n-Nitroso-di-n-propylamine
Concen: 7.606 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion: 70 Resp: 2460

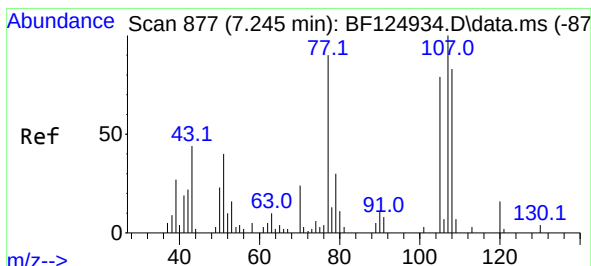
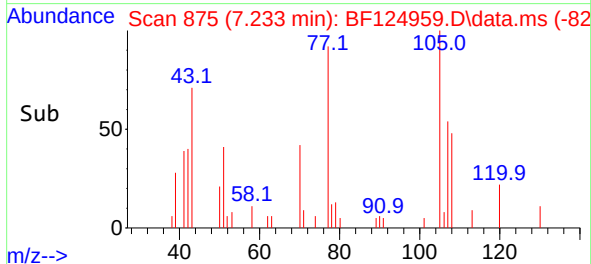
Ion	Ratio	Lower	Upper
70	100		
42	94.4	72.2	108.2
101	11.3	7.8	11.8
130	26.1	21.8	32.6



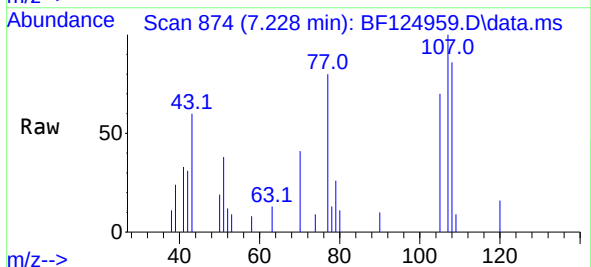
Instrument :
BNA_F
ClientSampleId :
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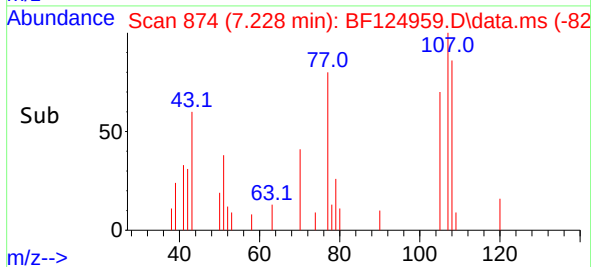
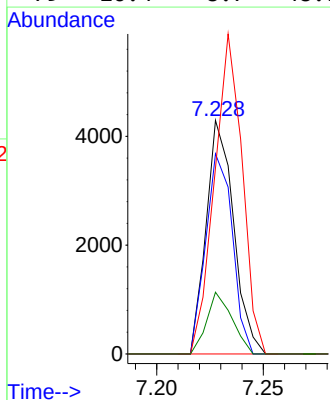


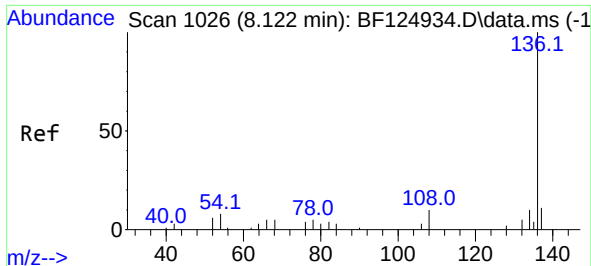
#20
3+4-Methylphenols
Concen: 8.173 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



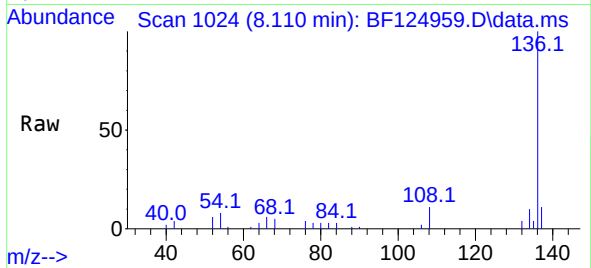
Tgt Ion: 107 Resp: 3851

Ion	Ratio	Lower	Upper
107	100		
108	85.7	76.6	116.6
77	79.6	53.3	93.3
79	26.4	8.7	48.7

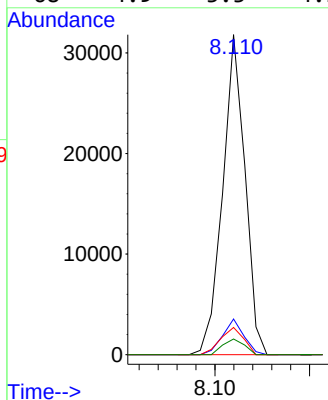
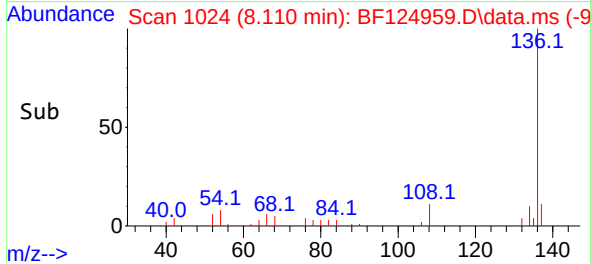




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



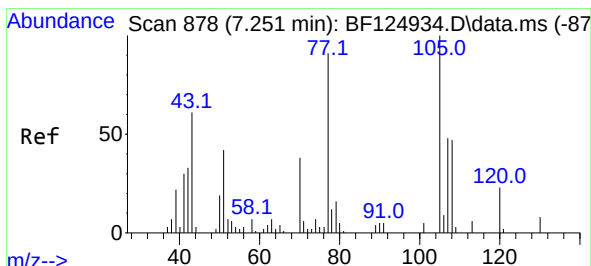
Tgt Ion:136 Resp: 26077
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 8.5 6.4 9.6
68 4.9 3.3 4.9#



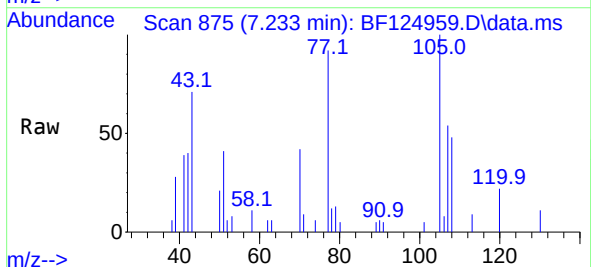
Instrument :
BNA_F
ClientSampleId :
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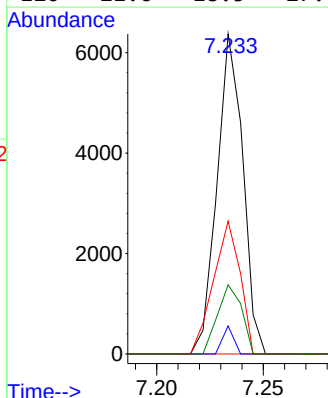
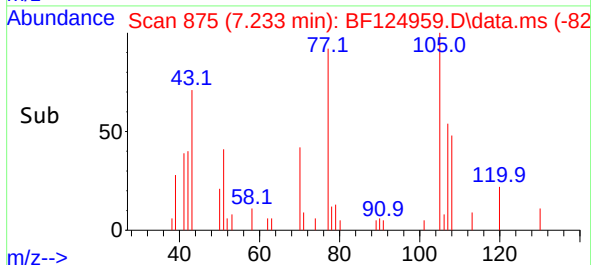
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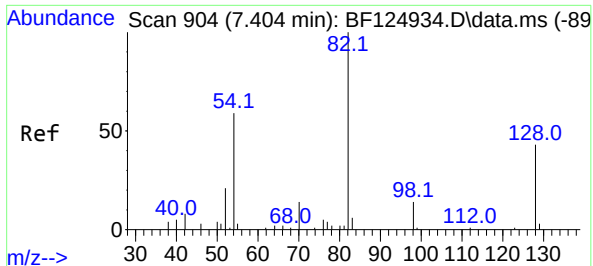


#22
Acetophenone
Concen: 8.410 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion:105 Resp: 5371
Ion Ratio Lower Upper
105 100
71 8.7 5.5 8.3#
51 41.5 26.0 39.0#
120 21.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 66.809 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

Tgt Ion:	82	Resp:	33303
Ion	Ratio	Lower	Upper
82	100		
128	45.1	40.6	60.8
54	57.3	49.6	74.4

Instrument :

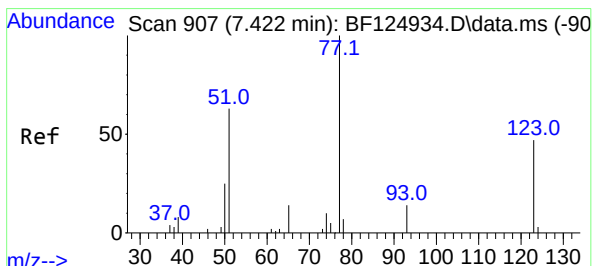
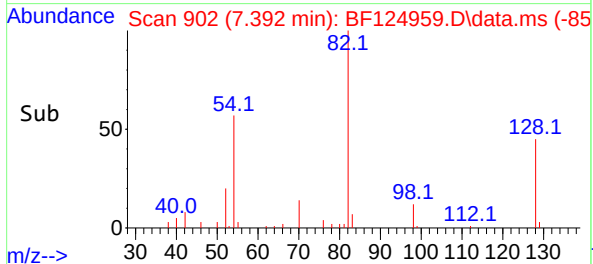
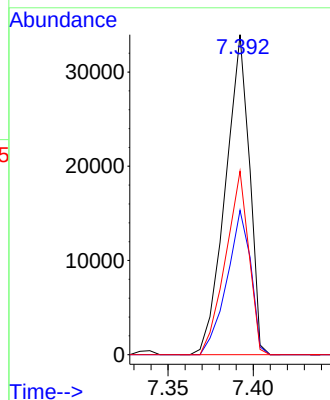
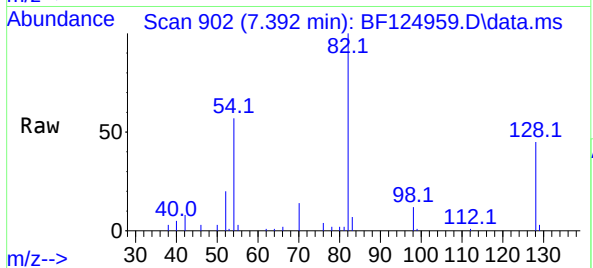
BNA_F

ClientSampleId :

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#24

Nitrobenzene

Concen: 8.119 ng

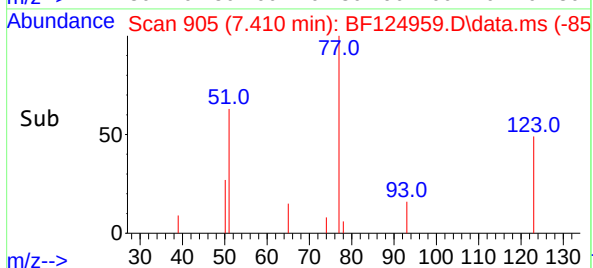
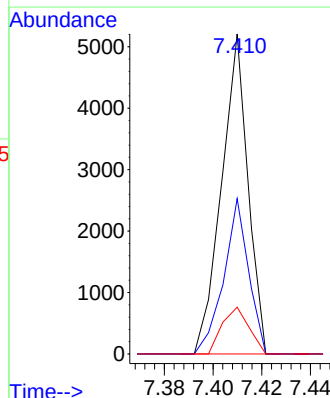
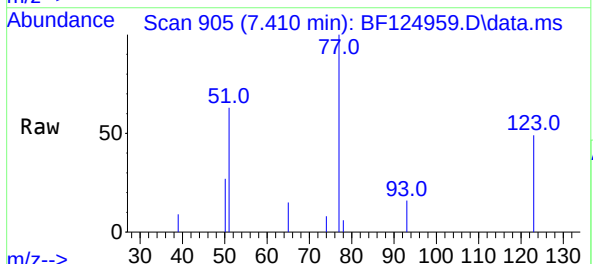
RT: 7.410 min Scan# 905

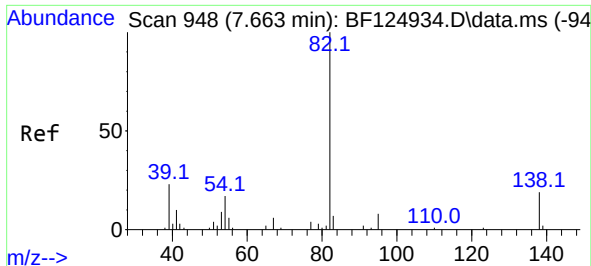
Delta R.T. -0.006 min

Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

Tgt Ion:	77	Resp:	3916
Ion	Ratio	Lower	Upper
77	100		
123	48.6	42.3	63.5
65	14.6	12.4	18.6





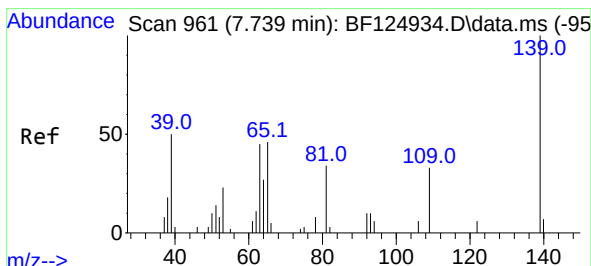
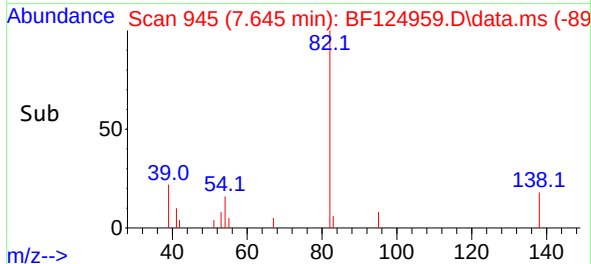
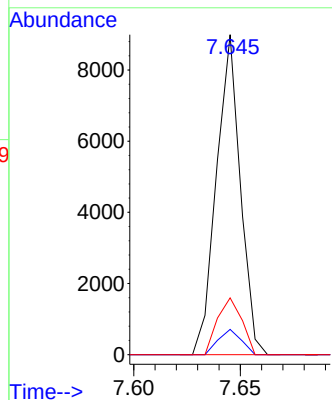
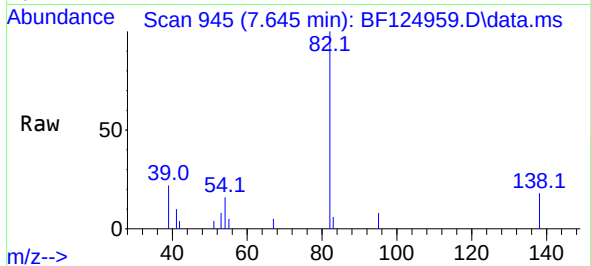
#25
Isophorone
Concen: 8.251 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:	82	Resp:	7020
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.5	9.7
138	17.8	18.4	27.6#

Instrument :
BNA_F
ClientSampleId :
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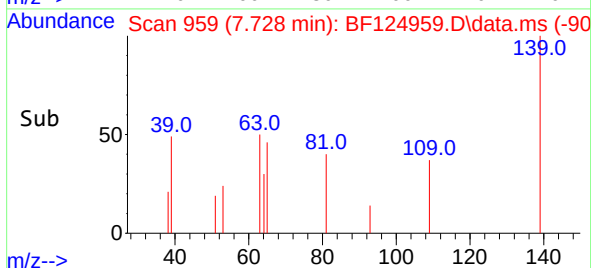
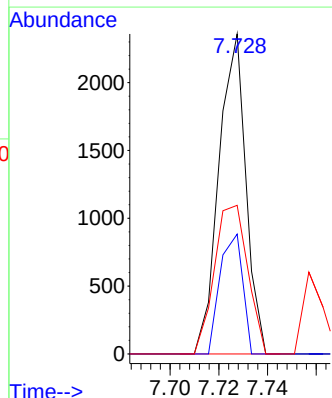
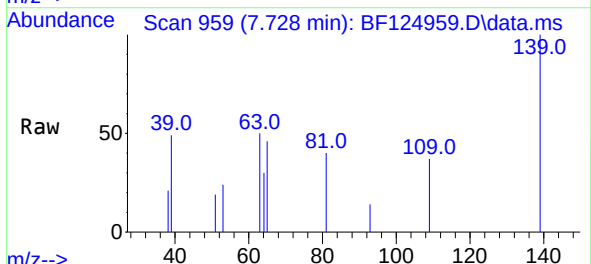
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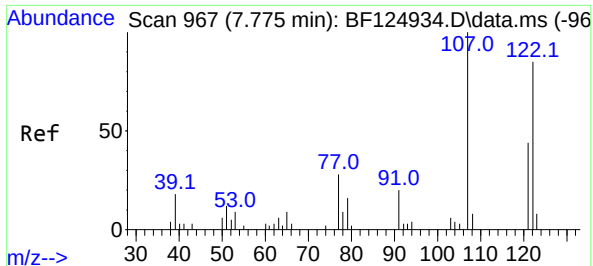
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#26
2-Nitrophenol
Concen: 7.410 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

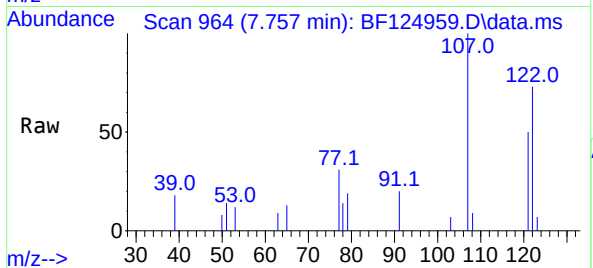
Tgt Ion:	139	Resp:	1815
Ion	Ratio	Lower	Upper
139	100		
109	37.4	26.0	39.0
65	46.5	31.0	46.4#





#27
2,4-Dimethylphenol
Concen: 8.810 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

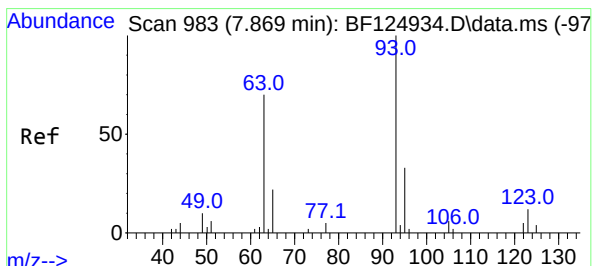
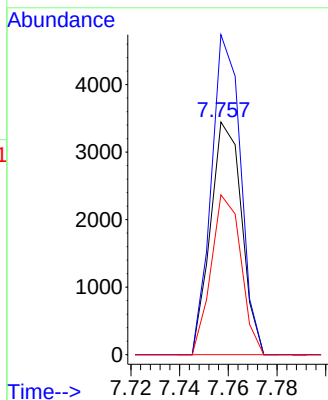
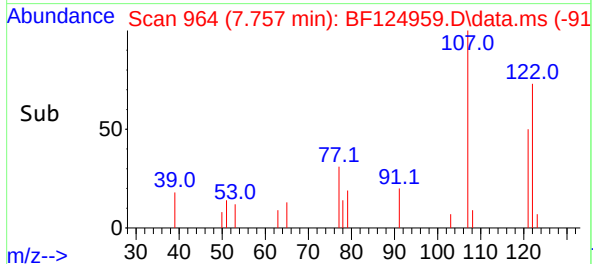
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



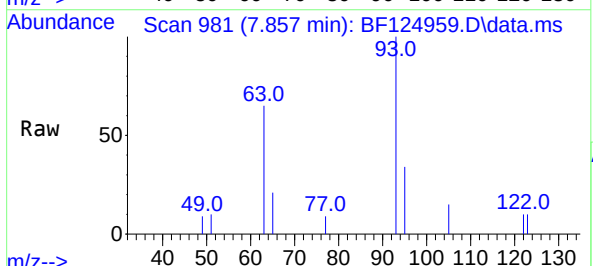
Tgt Ion:122 Resp: 3059
Ion Ratio Lower Upper
122 100
107 137.5 85.0 127.6#
121 68.7 43.3 64.9#

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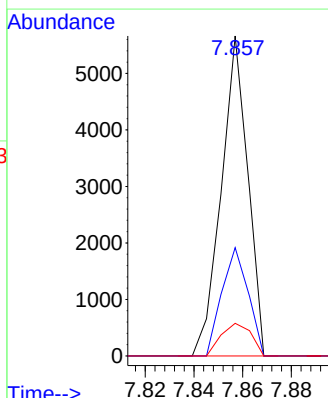
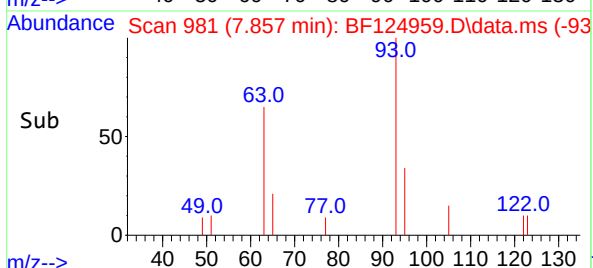
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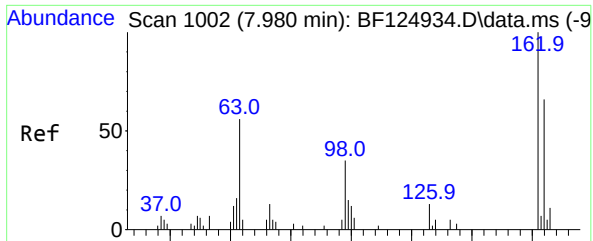


#28
bis(2-Chloroethoxy)methane
Concen: 8.839 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



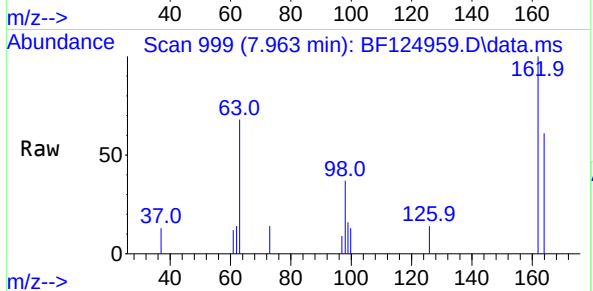
Tgt Ion: 93 Resp: 4280
Ion Ratio Lower Upper
93 100
95 33.9 26.1 39.1
123 10.2 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 7.745 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

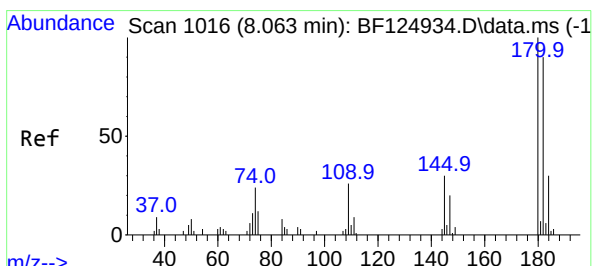
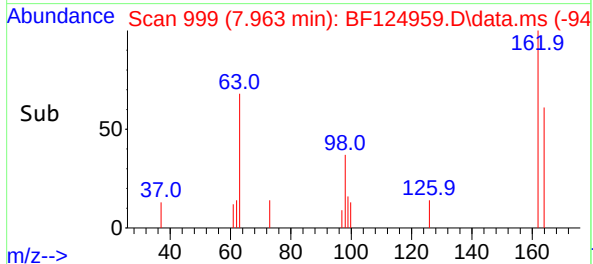
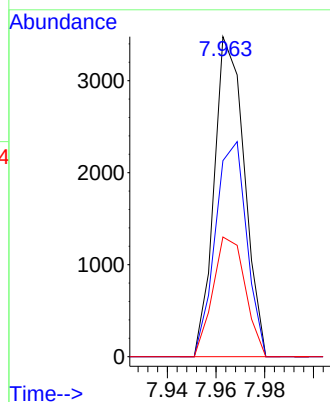
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:162 Resp: 2996
Ion Ratio Lower Upper
162 100
164 61.3 44.5 84.5
98 37.4 13.0 53.0

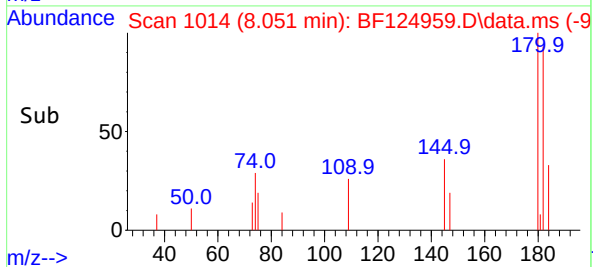
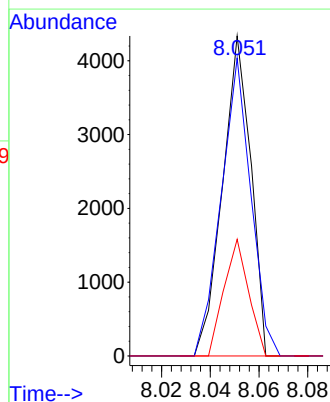
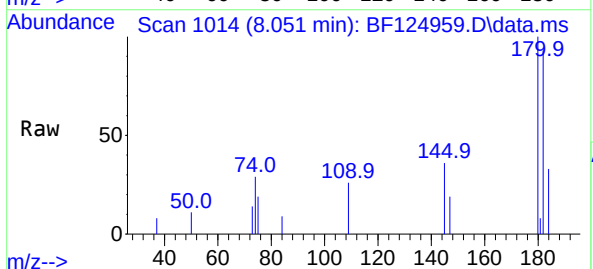
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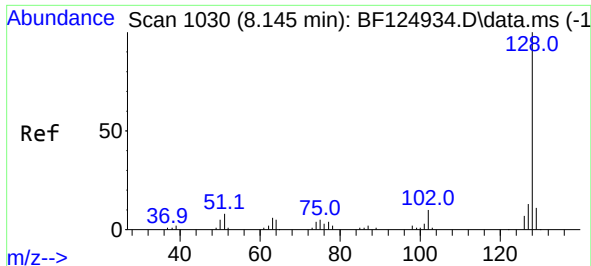
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#30
1,2,4-Trichlorobenzene
Concen: 8.043 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

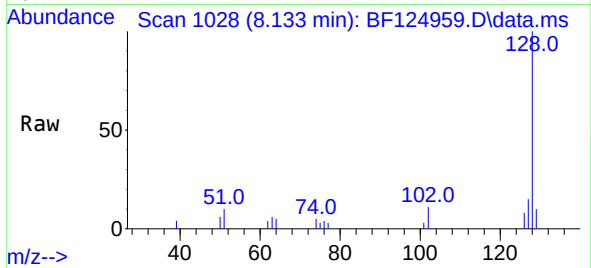
Tgt Ion:180 Resp: 3487
Ion Ratio Lower Upper
180 100
182 93.1 76.8 115.2
145 36.4 26.7 40.1





#31
Naphthalene
Concen: 8.557 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

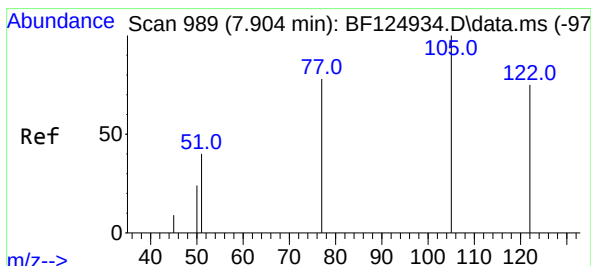
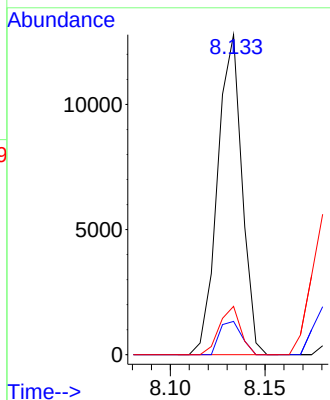
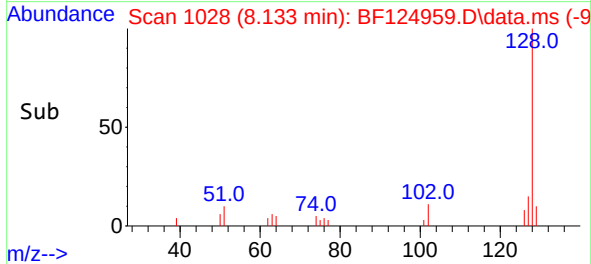
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



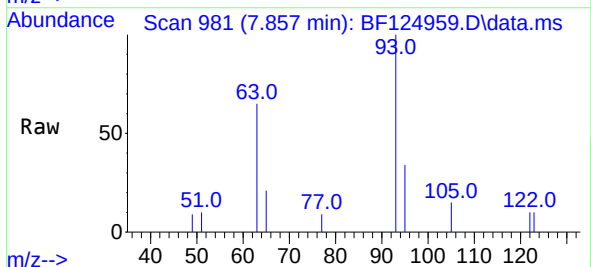
Tgt Ion:128 Resp: 11465
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 15.1 10.9 16.3

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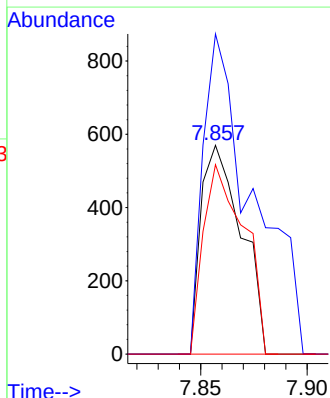
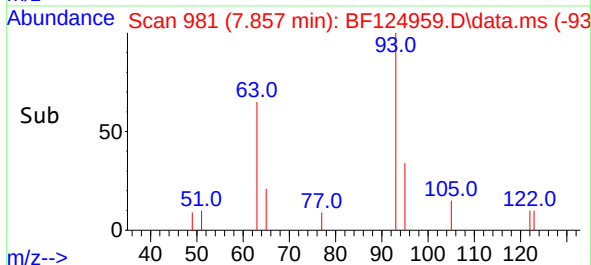
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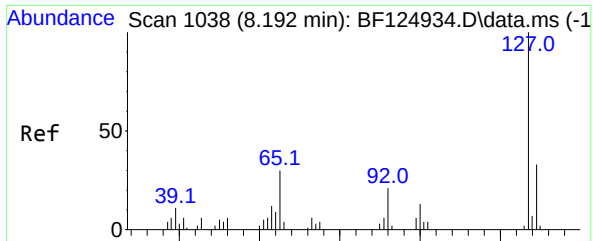


#32
Benzoic acid
Concen: 10.528 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.041 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



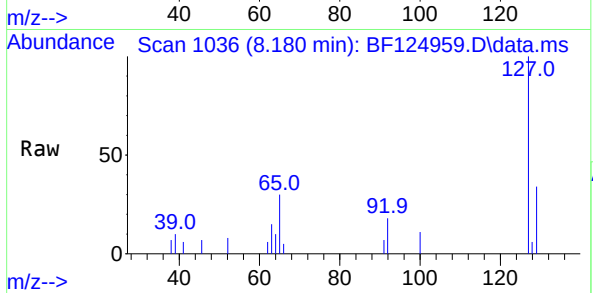
Tgt Ion:122 Resp: 752
Ion Ratio Lower Upper
122 100
105 153.3 97.6 137.6#
77 90.7 59.6 99.6





#33
4-Chloroaniline
Concen: 8.851 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

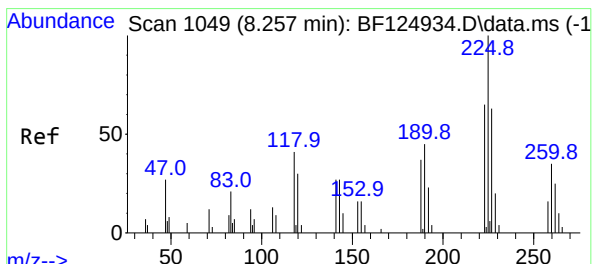
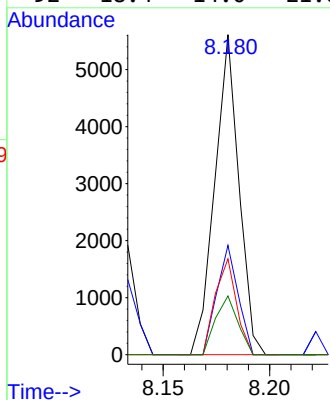
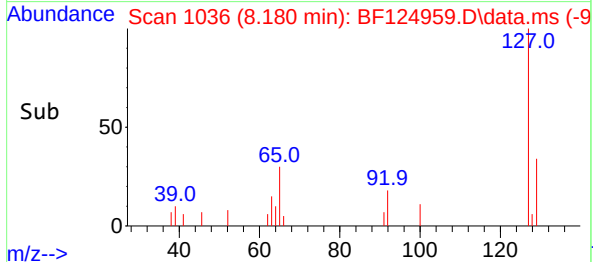
Instrument :
BNA_F
ClientSampleId :
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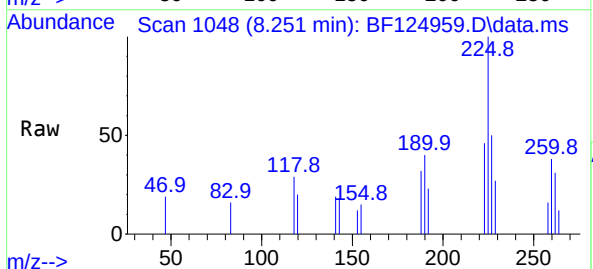
Tgt Ion:	127	Resp:	4419
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.7	38.5
65	29.9	21.2	31.8
92	18.4	14.0	21.0

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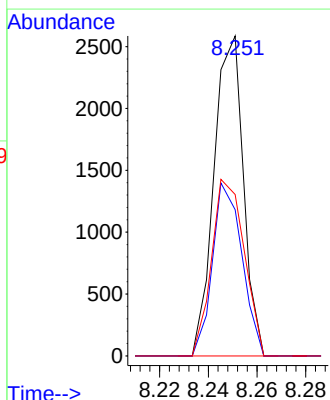
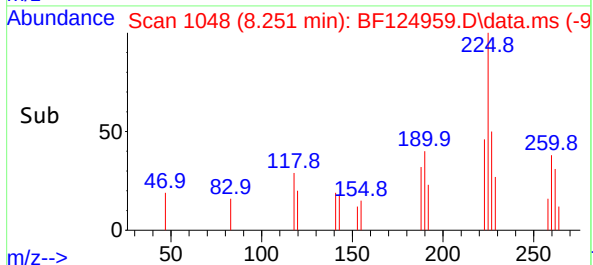
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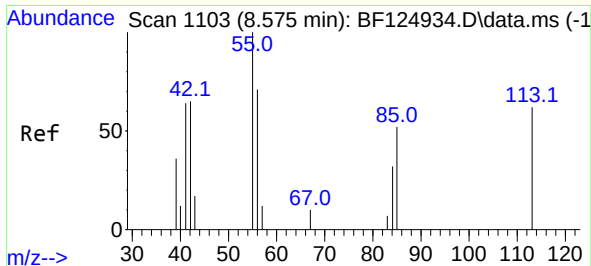


#34
Hexachlorobutadiene
Concen: 8.359 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion:	225	Resp:	2164
Ion	Ratio	Lower	Upper
225	100		
223	45.7	50.6	76.0#
227	50.4	50.6	75.8#





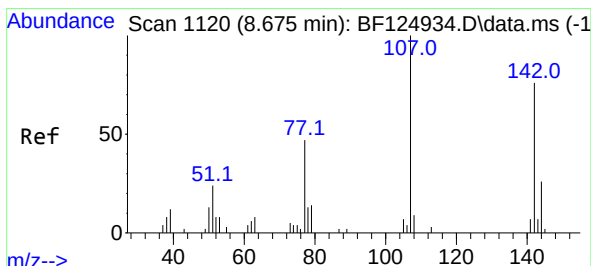
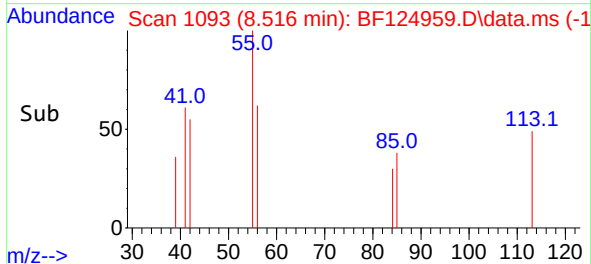
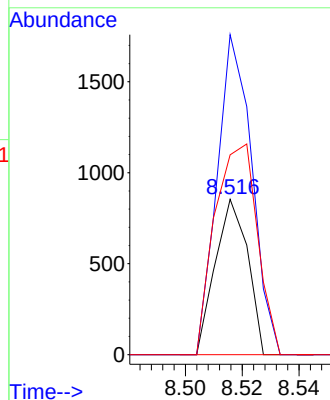
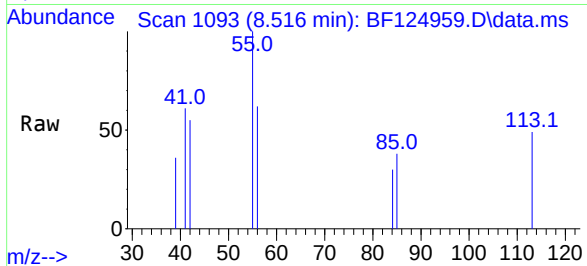
#35
Caprolactam
Concen: 6.581 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.047 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:113 Resp: 676
Ion Ratio Lower Upper
113 100
55 206.0 154.1 194.1#
56 128.6 108.7 148.7

Instrument :
BNA_F
ClientSampleId :
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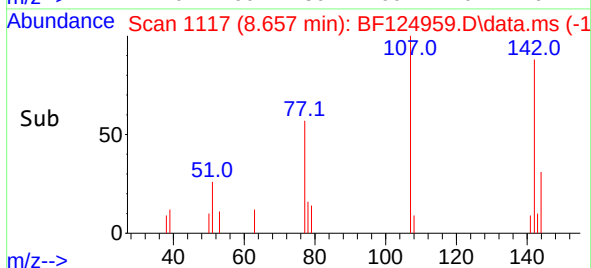
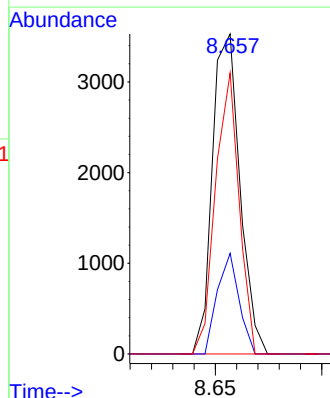
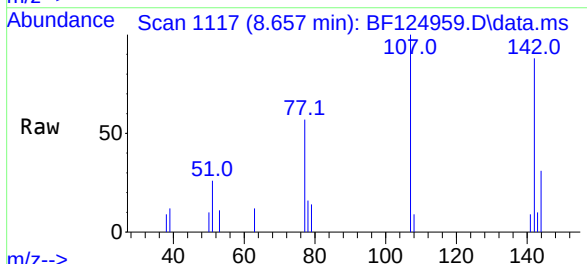
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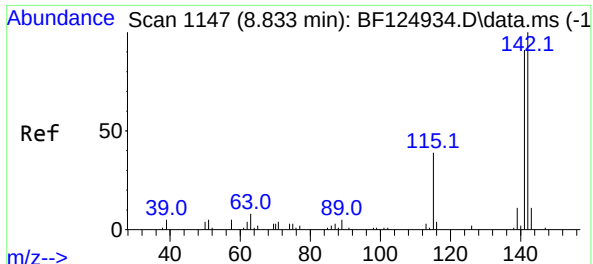
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#36
4-Chloro-3-methylphenol
Concen: 7.849 ng
RT: 8.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

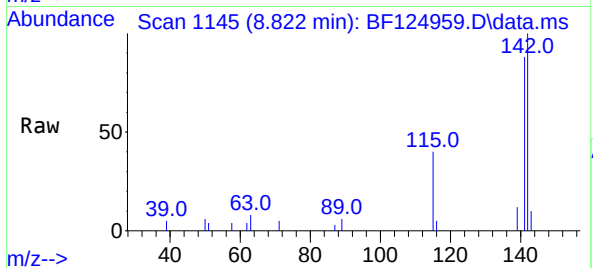
Tgt Ion:107 Resp: 3176
Ion Ratio Lower Upper
107 100
144 31.4 21.9 32.9
142 87.8 67.1 100.7





#37
2-Methylnaphthalene
Concen: 8.493 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

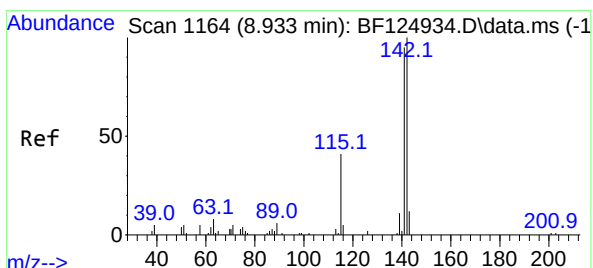
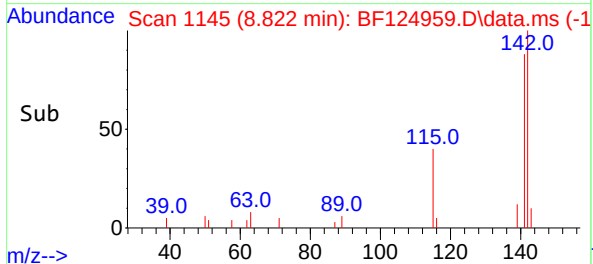
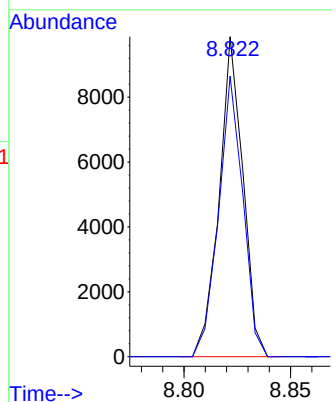
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



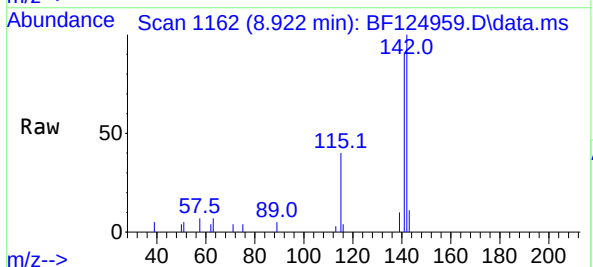
Tgt Ion:142 Resp: 7651
Ion Ratio Lower Upper
142 100
141 87.6 71.2 106.8

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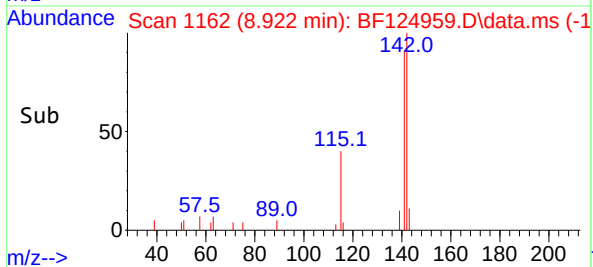
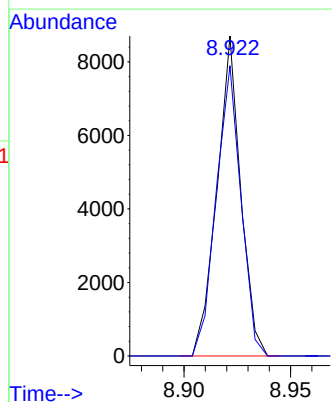
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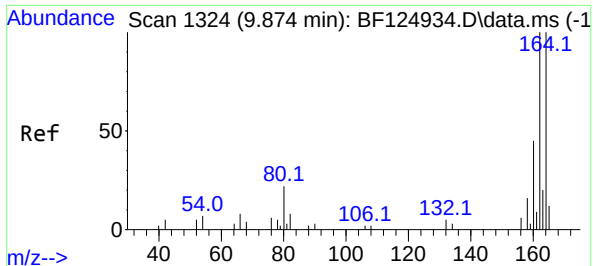


#38
1-Methylnaphthalene
Concen: 8.012 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



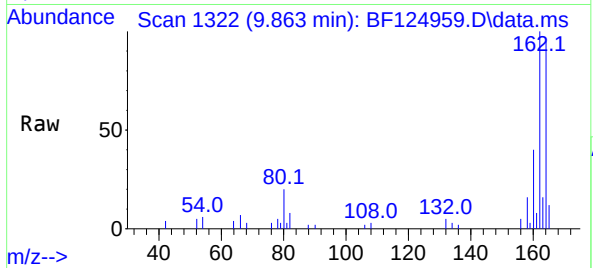
Tgt Ion:142 Resp: 6753
Ion Ratio Lower Upper
142 100
141 90.7 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

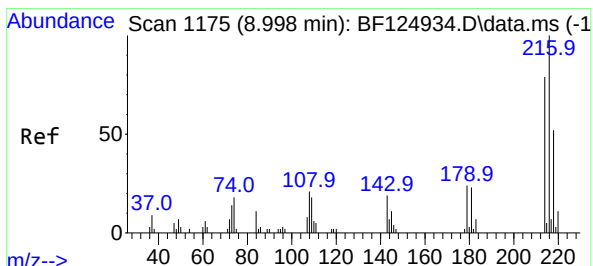
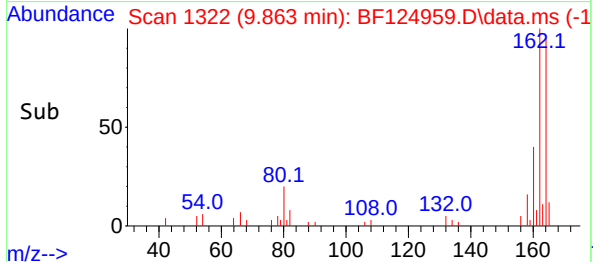
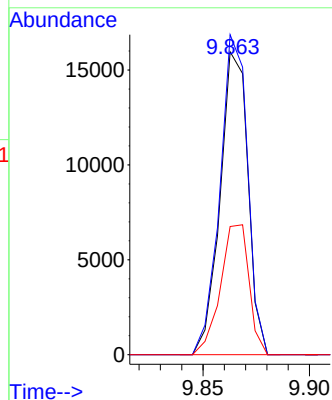
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



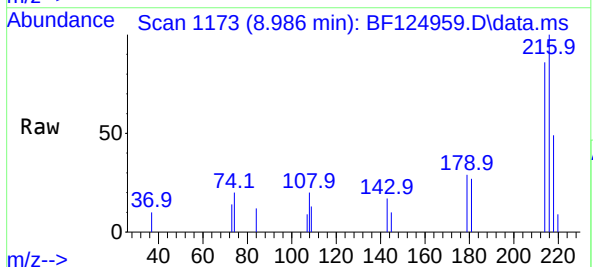
Tgt Ion:164 Resp: 14507
Ion Ratio Lower Upper
164 100
162 105.7 81.3 121.9
160 42.3 38.0 57.0

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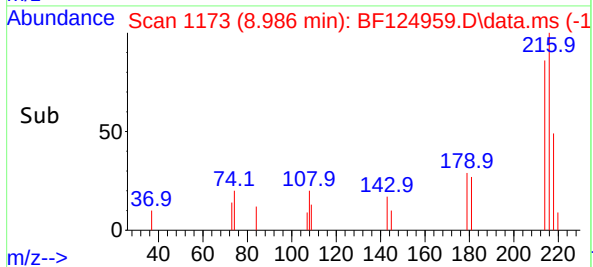
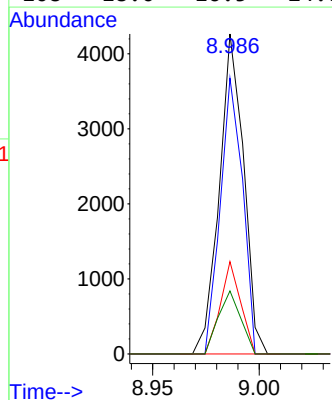
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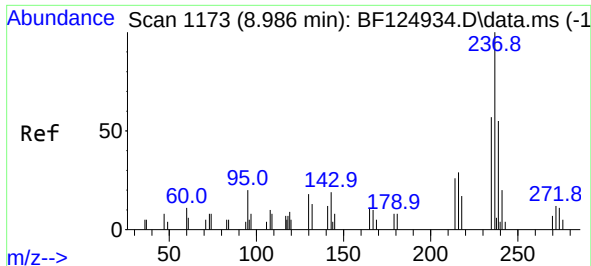


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.132 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion:216 Resp: 3386
Ion Ratio Lower Upper
216 100
214 78.3 64.9 97.3
179 24.1 17.4 26.2
108 18.0 16.5 24.7





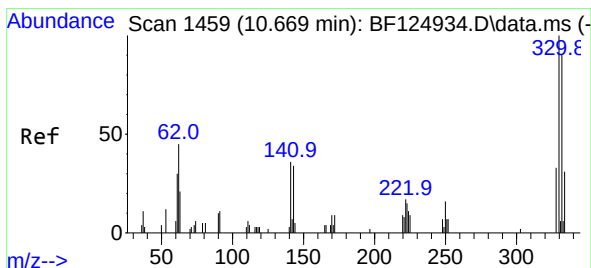
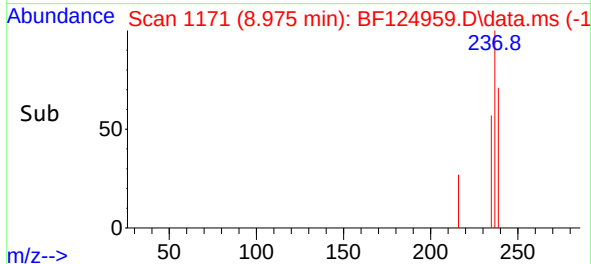
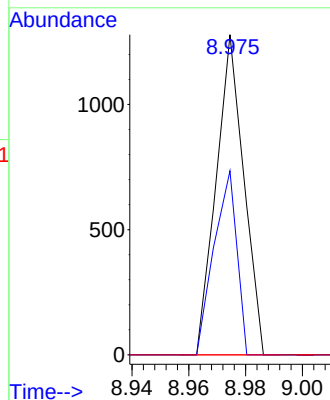
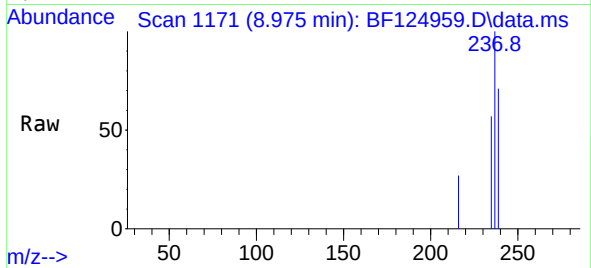
#41
Hexachlorocyclopentadiene
Concen: 10.481 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:	237	Resp:	865
Ion Ratio	Lower	Upper	
237	100		
235	57.5	44.7	84.7
272	0.0	0.0	31.6

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

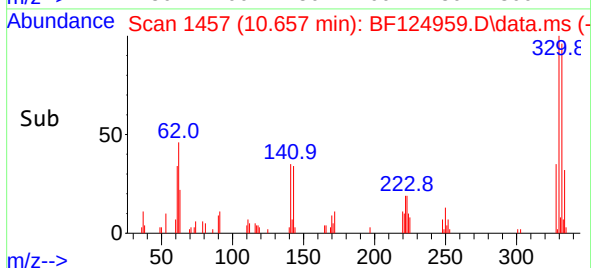
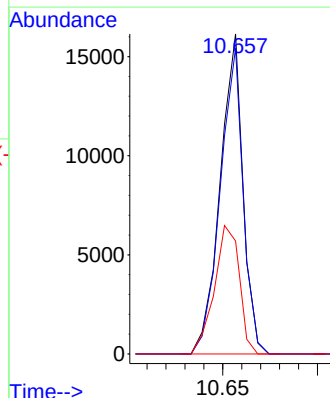
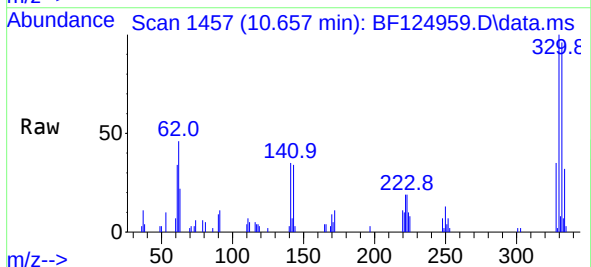
Manual Integrations
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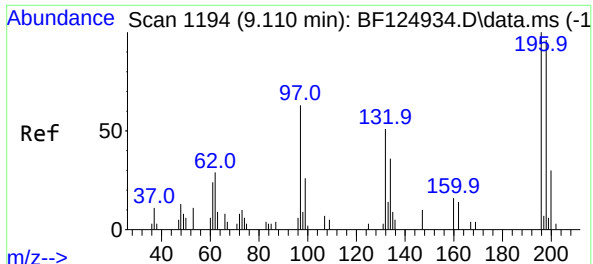
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#42
2,4,6-Tribromophenol
Concen: 104.270 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

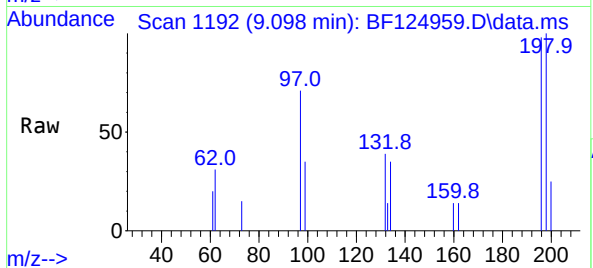
Tgt Ion:	330	Resp:	13514
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.2	114.4
141	43.9	44.6	66.8#





#43
2,4,6-Trichlorophenol
Concen: 6.876 ng m
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

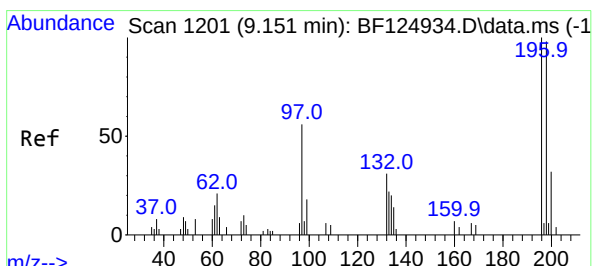
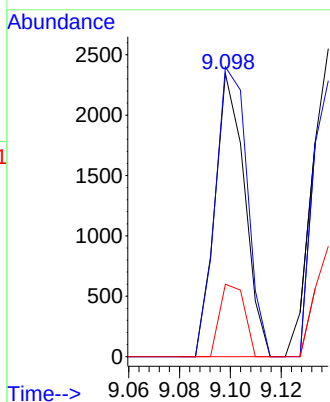
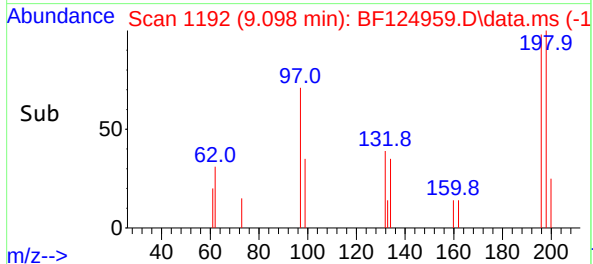
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



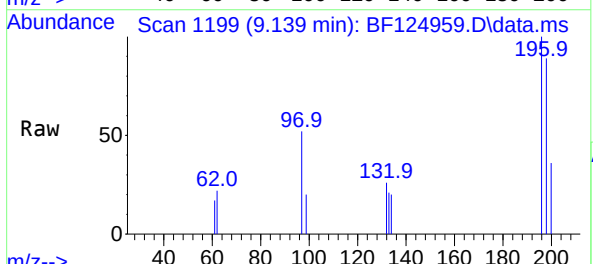
Tgt Ion:196 Resp: 1906
Ion Ratio Lower Upper
196 100
198 102.4 74.9 112.3
200 25.6 27.0 40.4#

Manual Integrations
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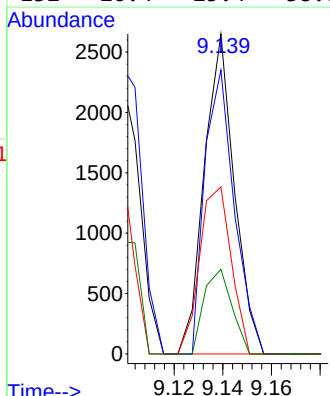
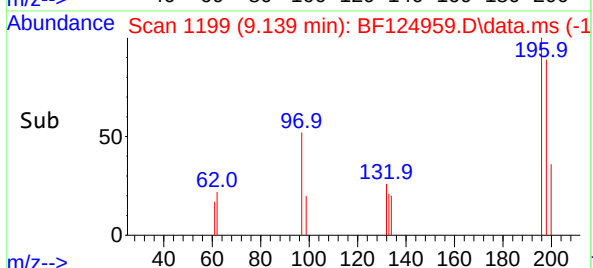
mohammad
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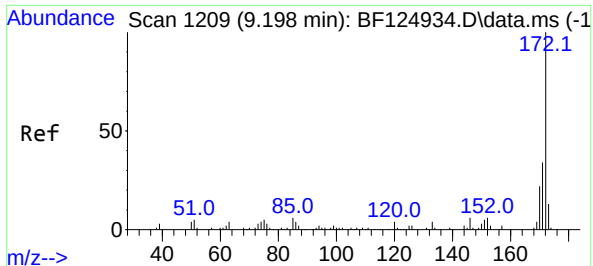


#44
2,4,5-Trichlorophenol
Concen: 8.111 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



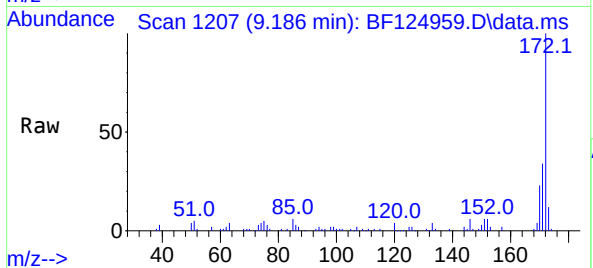
Tgt Ion:196 Resp: 2276
Ion Ratio Lower Upper
196 100
198 88.8 80.2 120.2
97 52.2 44.0 66.0
132 26.4 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 68.708 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

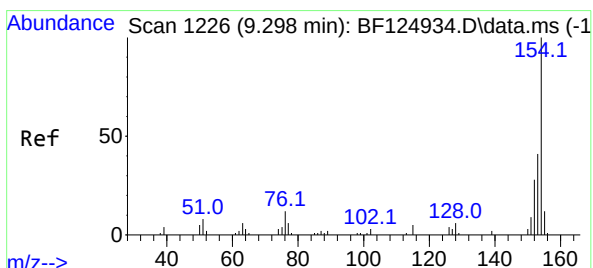
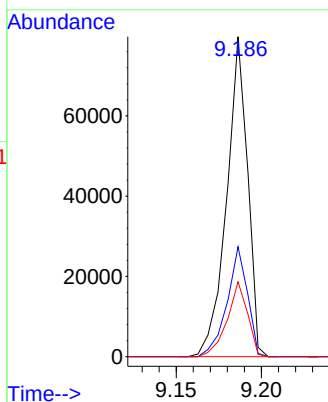
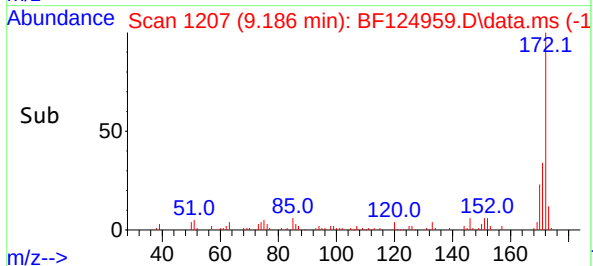
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



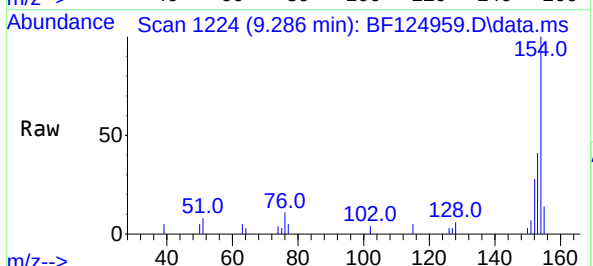
Tgt Ion:172 Resp: 68119
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.4 18.8 28.2

Manual Integrations
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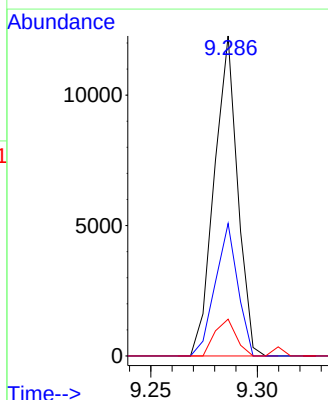
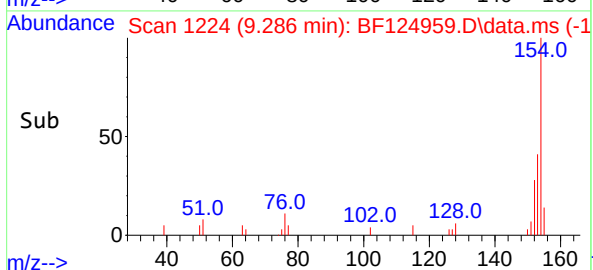
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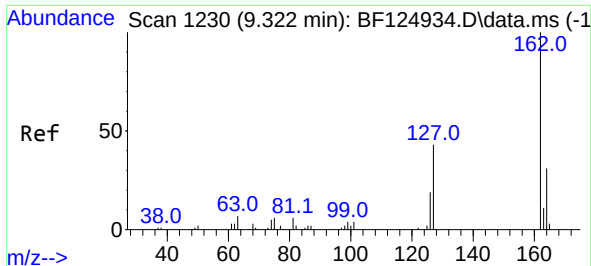


#46
1,1'-Biphenyl
Concen: 8.650 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



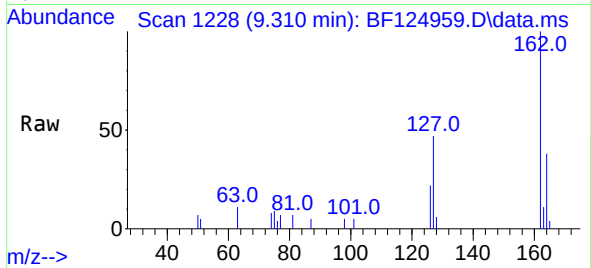
Tgt Ion:154 Resp: 9351
Ion Ratio Lower Upper
154 100
153 41.4 20.0 60.0
76 11.5 0.0 30.3





#47
2-Chloronaphthalene
Concen: 8.280 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

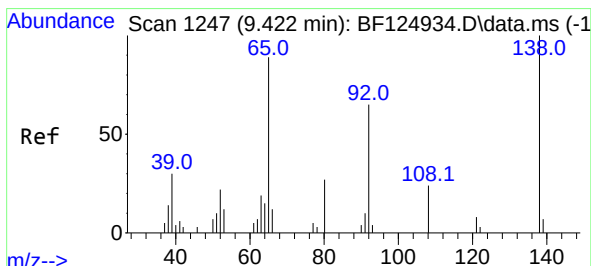
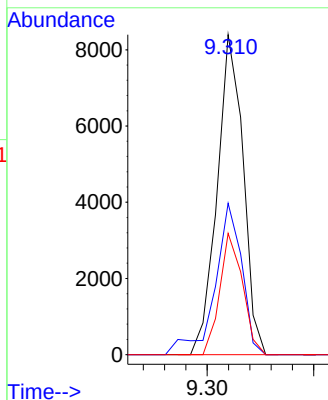
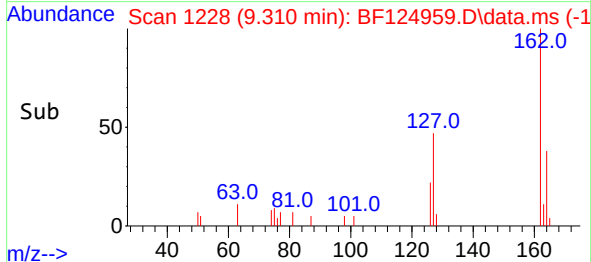
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



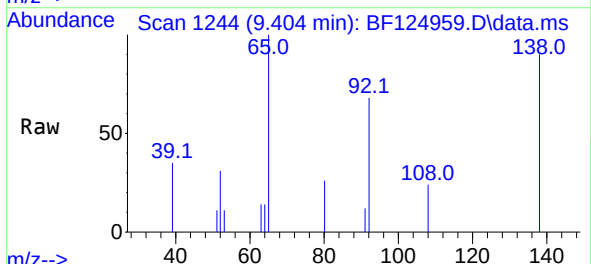
Tgt Ion:162 Resp: 7121
Ion Ratio Lower Upper
162 100
127 47.3 33.0 49.4
164 37.9 25.8 38.8

Manual Integrations
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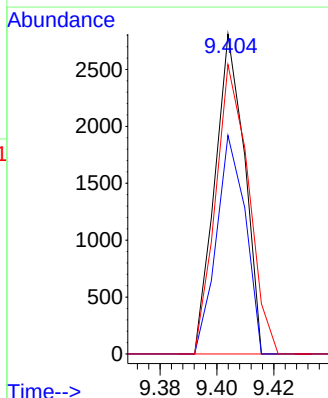
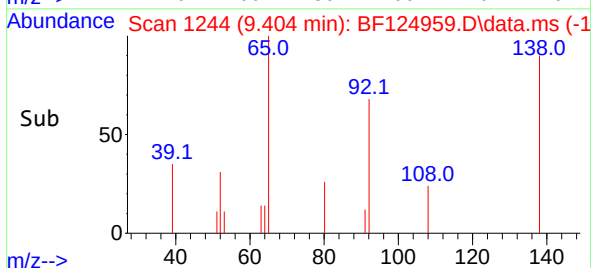
mohammad
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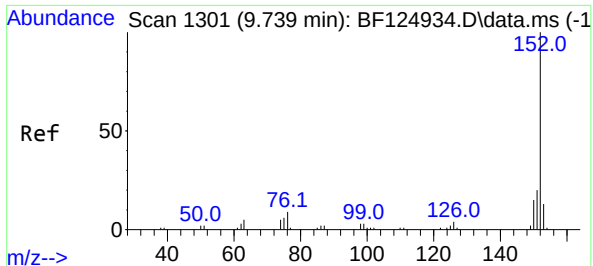


#48
2-Nitroaniline
Concen: 8.035 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



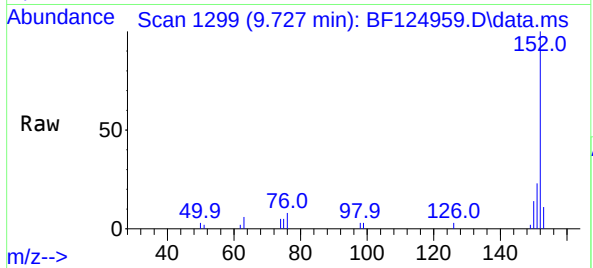
Tgt Ion: 65 Resp: 2030
Ion Ratio Lower Upper
65 100
92 68.3 55.5 83.3
138 90.5 93.5 140.3#





#49
Acenaphthylene
Concen: 8.732 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

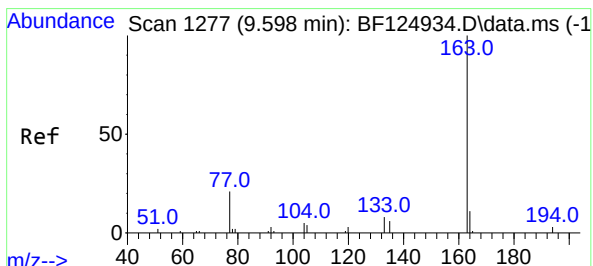
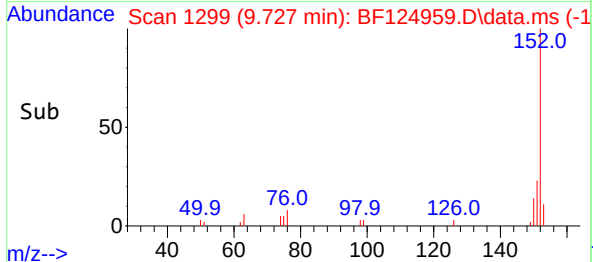
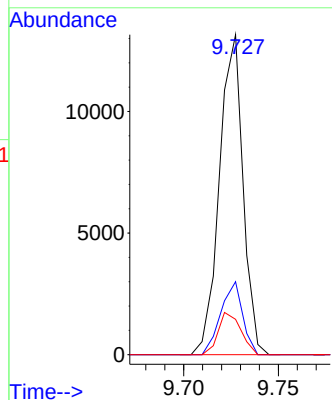
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:152 Resp: 11408
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 11.0 9.8 14.8

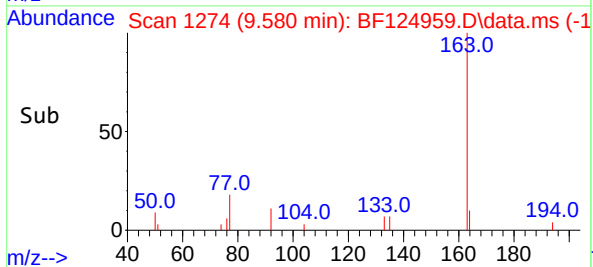
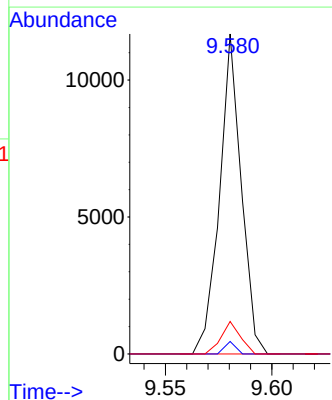
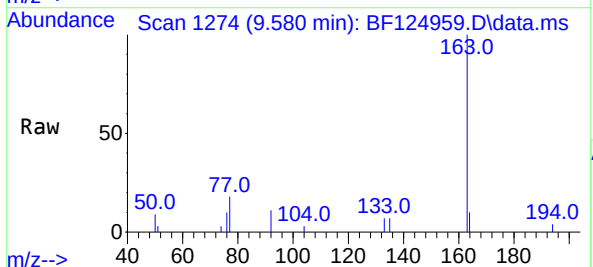
Manual Integrations
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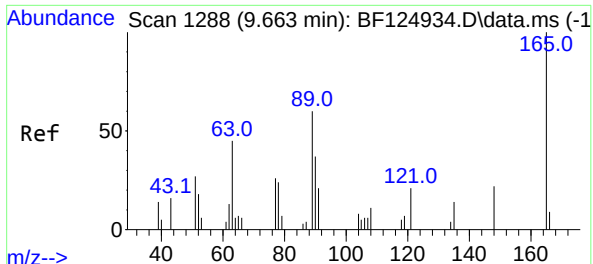
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#50
Dimethylphthalate
Concen: 8.430 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

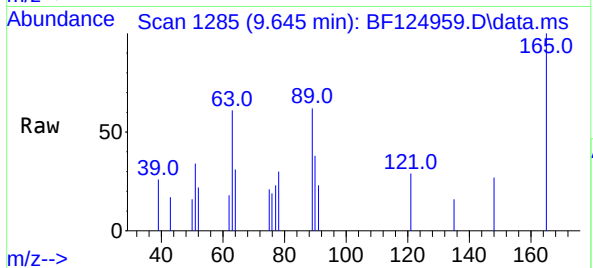
Tgt Ion:163 Resp: 8287
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.2 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

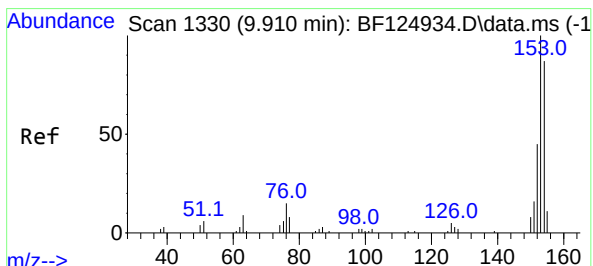
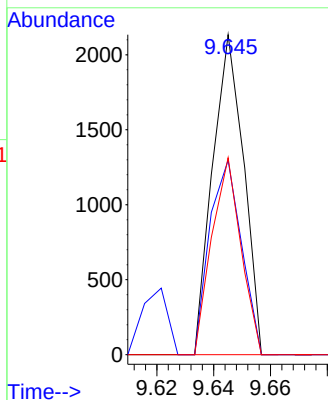
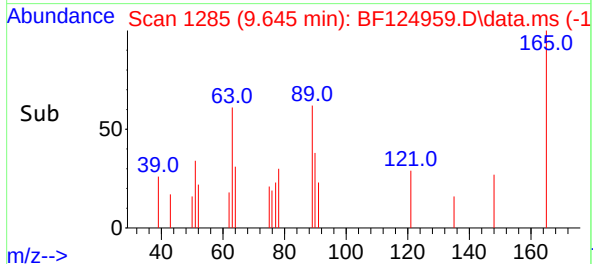
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



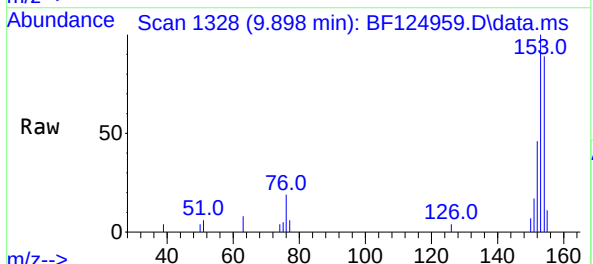
Tgt Ion:165 Resp: 1617
Ion Ratio Lower Upper
165 100
63 60.8 42.6 63.8
89 61.5 40.6 60.8#

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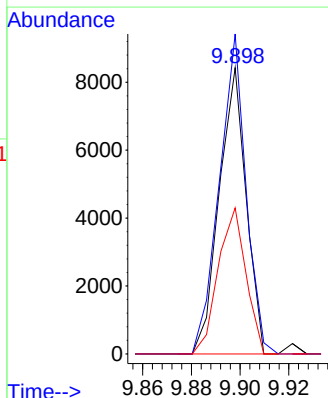
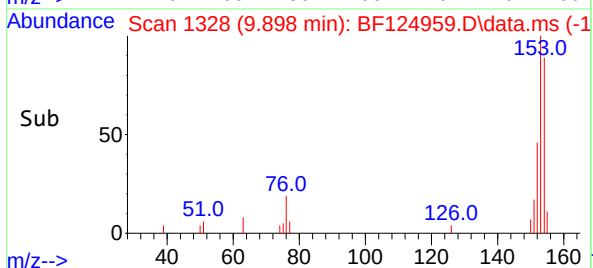
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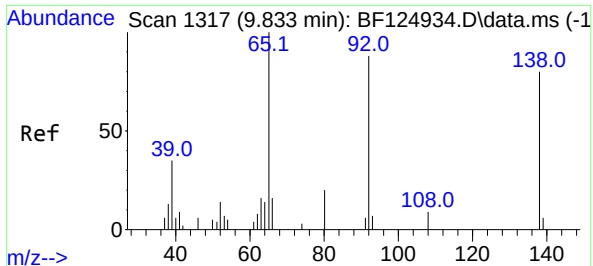


#52
Acenaphthene
Concen: 8.141 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



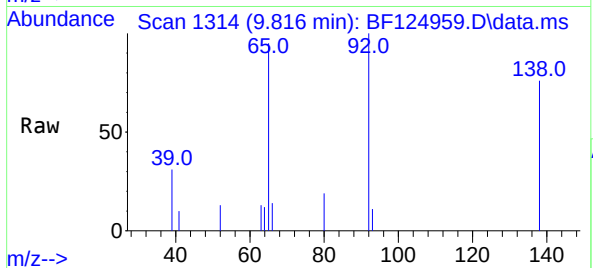
Tgt Ion:154 Resp: 6448
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.2
152 51.0 40.5 60.7





#53
3-Nitroaniline
Concen: 7.612 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

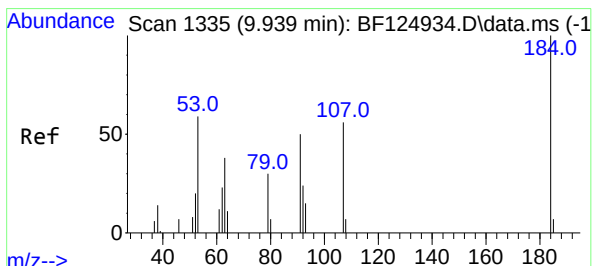
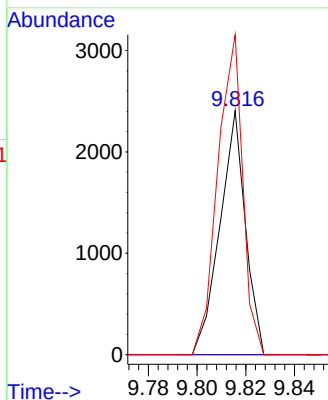
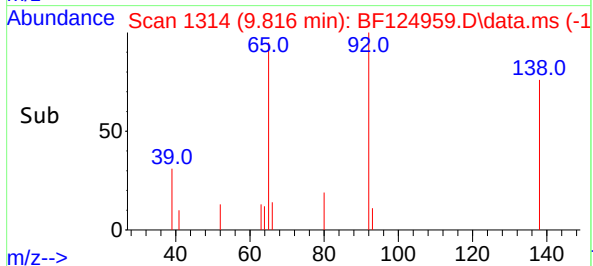
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



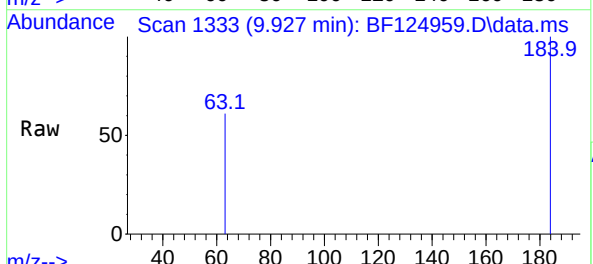
Tgt Ion:138 Resp: 1755
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 131.2 76.5 114.7#

Manual Integrations
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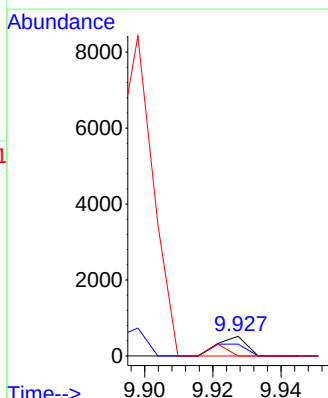
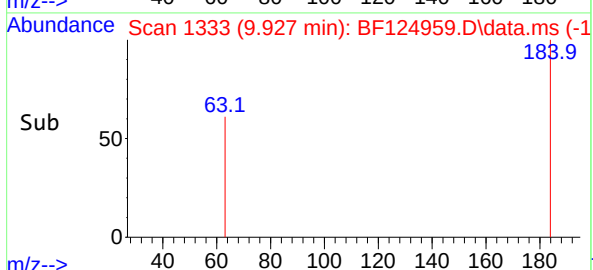
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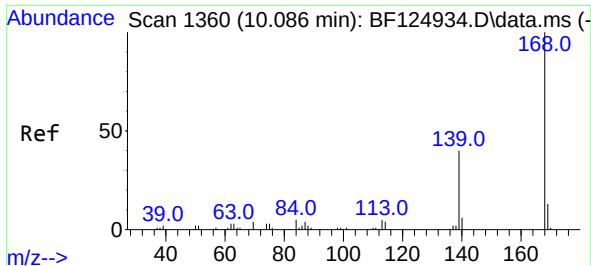


#54
2,4-Dinitrophenol
Concen: 7.937 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



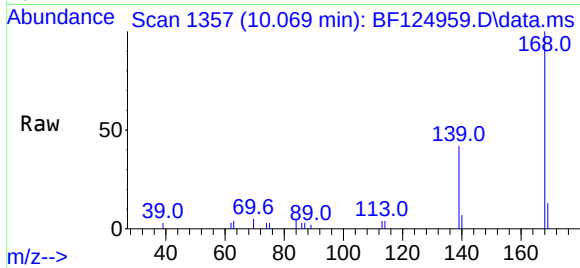
Tgt Ion:184 Resp: 299
Ion Ratio Lower Upper
184 100
63 60.5 59.3 88.9
154 0.0 68.6 102.8#





#55
Dibenzofuran
Concen: 8.519 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

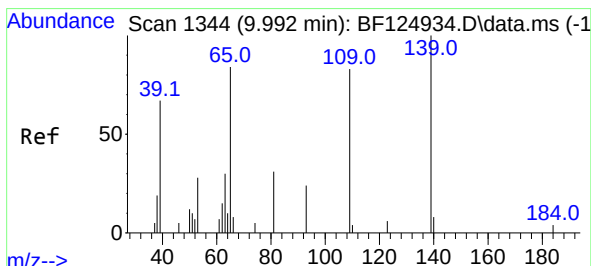
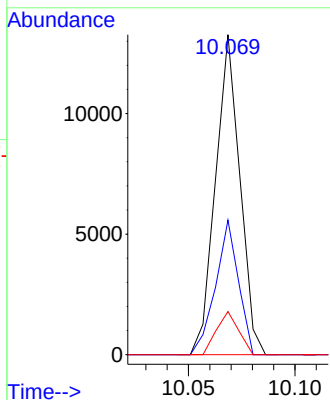
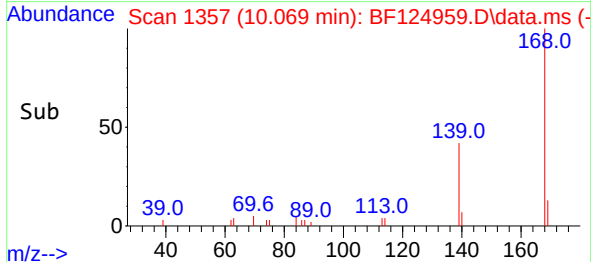
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



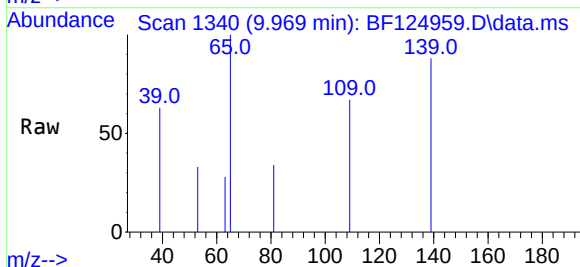
Tgt Ion:168 Resp: 10545
Ion Ratio Lower Upper
168 100
139 42.0 32.7 49.1
169 13.5 11.2 16.8

Manual Integrations
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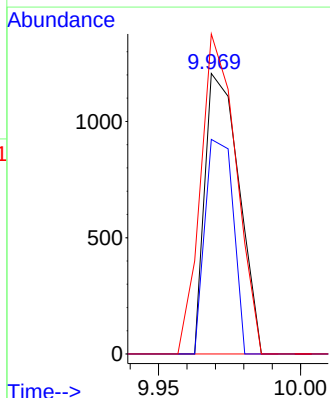
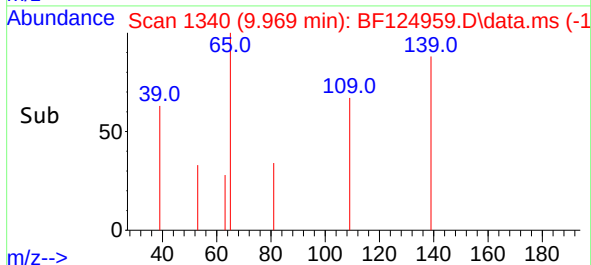
mohammad
8/9/2021 12:16:07 PM

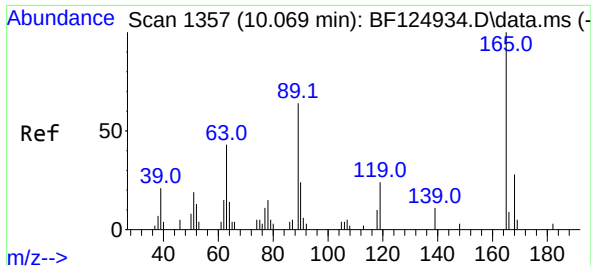


#56
4-Nitrophenol
Concen: 6.606 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



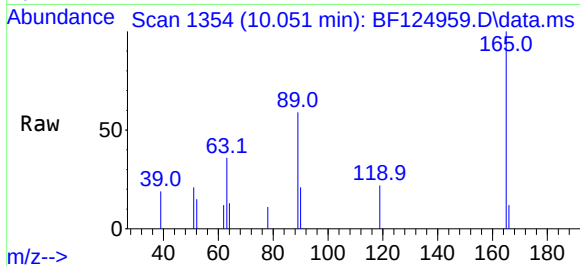
Tgt Ion:139 Resp: 1004
Ion Ratio Lower Upper
139 100
109 76.5 60.4 100.4
65 114.1 58.4 98.4#





#57
2,4-Dinitrotoluene
Concen: 7.809 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

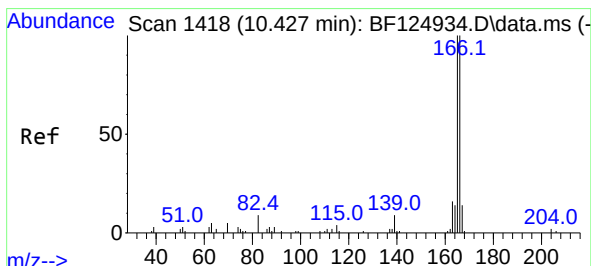
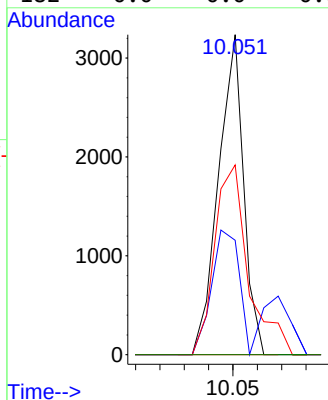
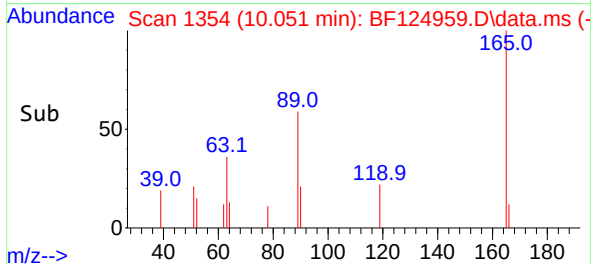
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



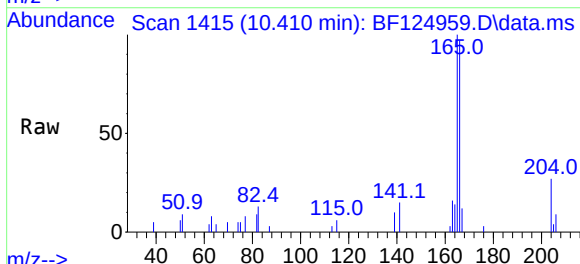
Tgt Ion:	165	Resp:	2321
Ion	Ratio	Lower	Upper
165	100		
63	35.8	40.9	61.3#
89	59.3	59.7	89.5#
182	0.0	0.0	0.0

Manual Integrations
APPROVED

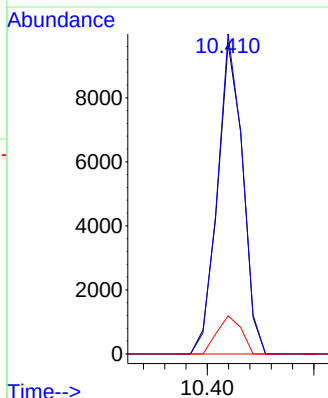
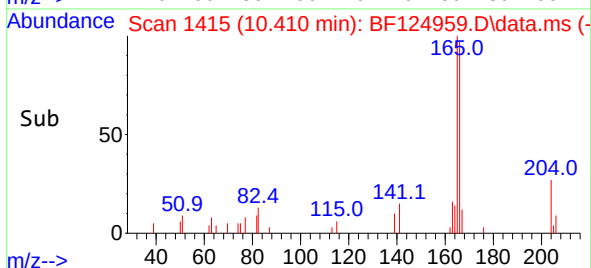
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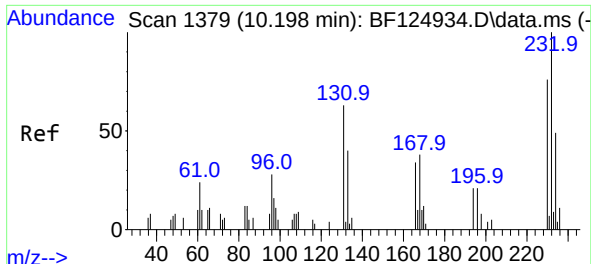


#58
Fluorene
Concen: 8.463 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



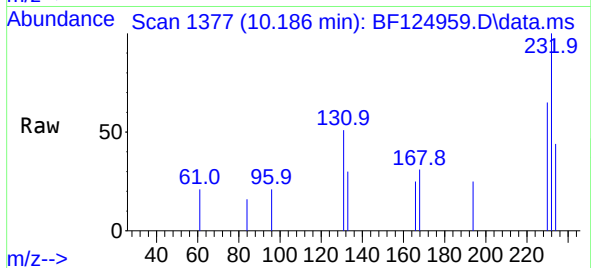
Tgt Ion:	166	Resp:	8032
Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.1	117.1
167	12.2	11.1	16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.723 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

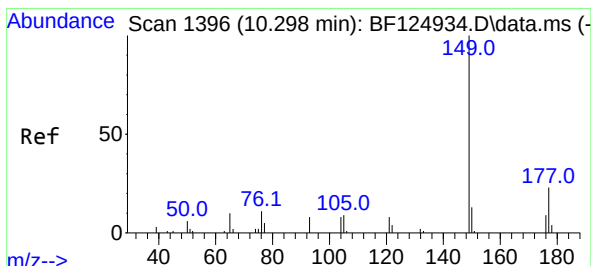
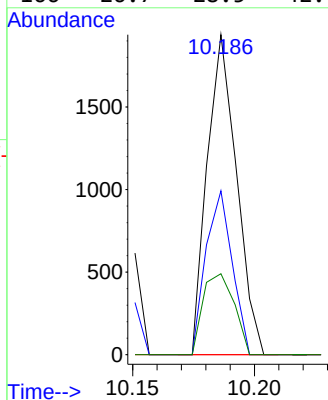
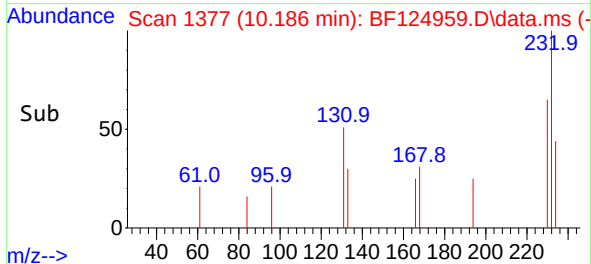
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



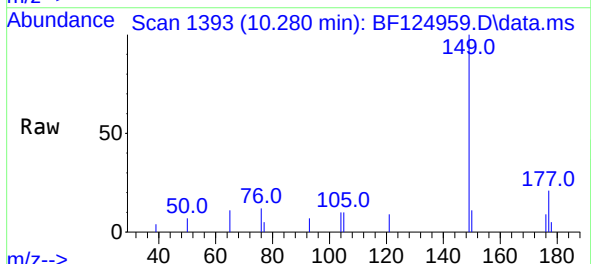
Tgt Ion:232 Resp: 1626
Ion Ratio Lower Upper
232 100
131 45.7 45.4 68.0
130 0.0 0.0 0.0
166 26.7 28.5 42.7#

Manual Integrations
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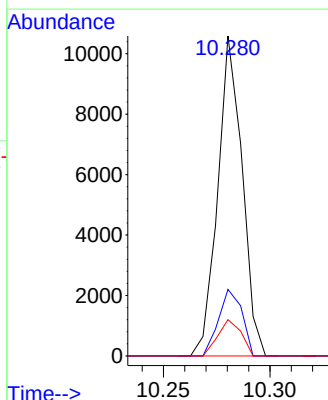
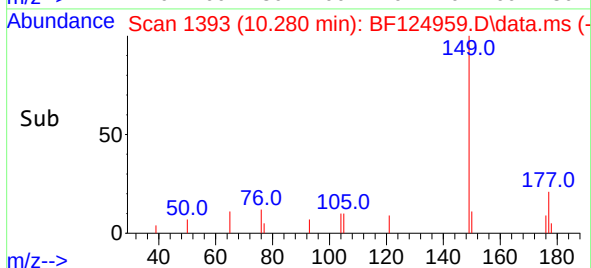
mohammad
8/9/2021 12:16:07 PM

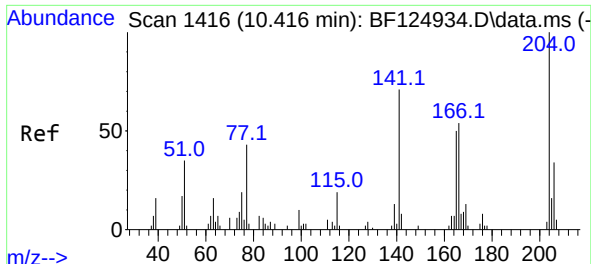


#60
Diethylphthalate
Concen: 8.354 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



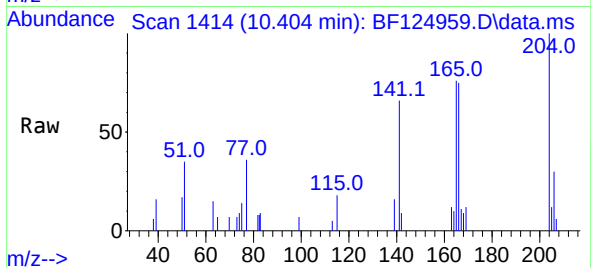
Tgt Ion:149 Resp: 8428
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 11.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.992 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

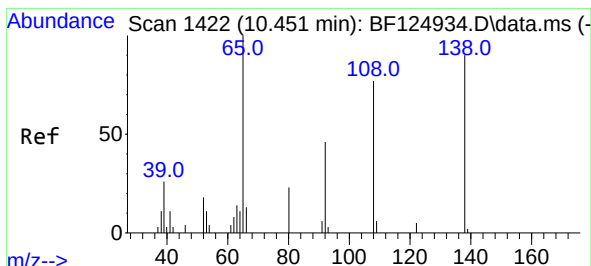
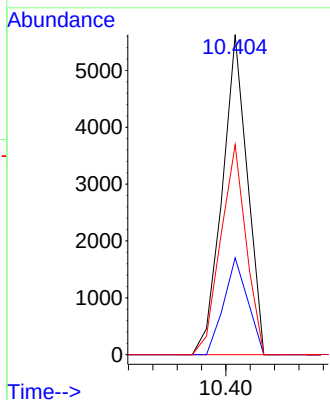
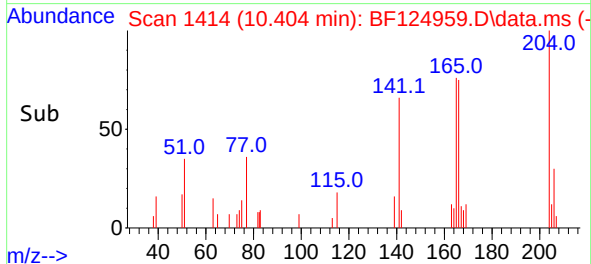
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



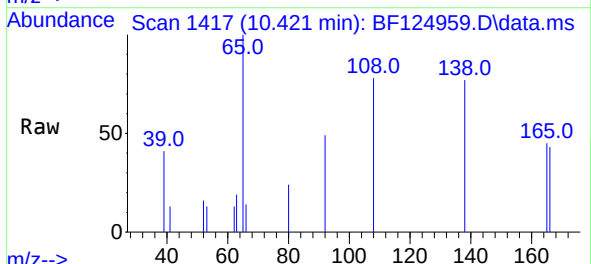
Tgt Ion:204 Resp: 4030
Ion Ratio Lower Upper
204 100
206 30.2 27.6 41.4
141 65.6 58.6 88.0

Manual Integrations
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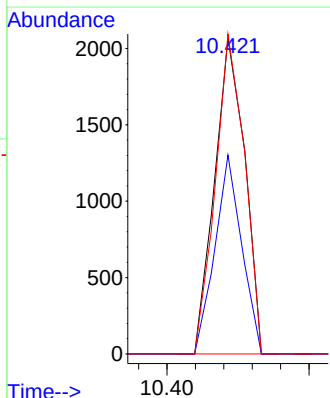
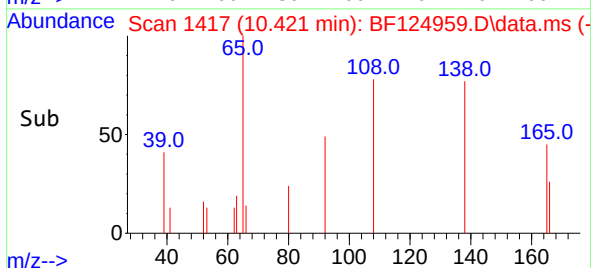
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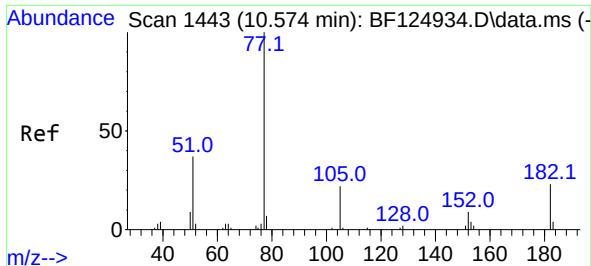


#62
4-Nitroaniline
Concen: 6.795 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



Tgt Ion:138 Resp: 1521
Ion Ratio Lower Upper
138 100
92 62.9 29.6 69.6
108 101.3 78.1 118.1





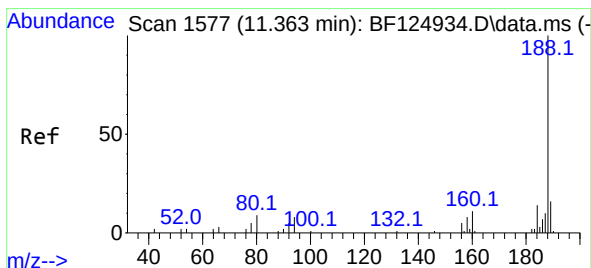
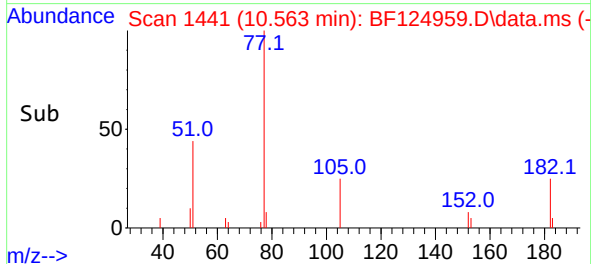
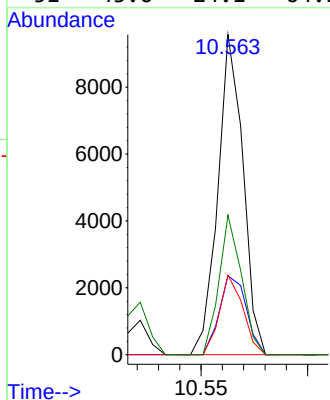
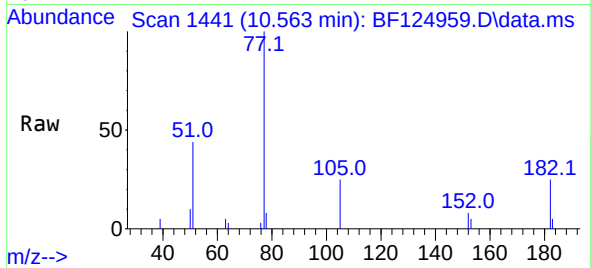
#63
Azobenzene
Concen: 7.956 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion: 77	Resp: 7849
Ion Ratio	Lower Upper
77 100	
182 24.6	6.3 46.3
105 24.8	2.9 42.9
51 43.6	24.1 64.1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

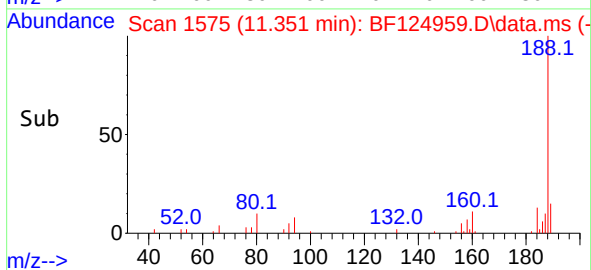
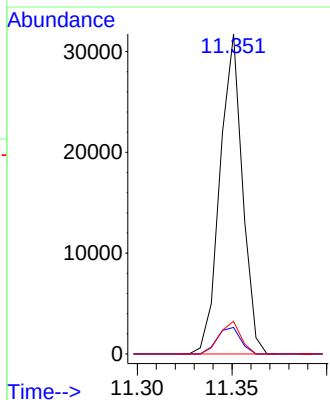
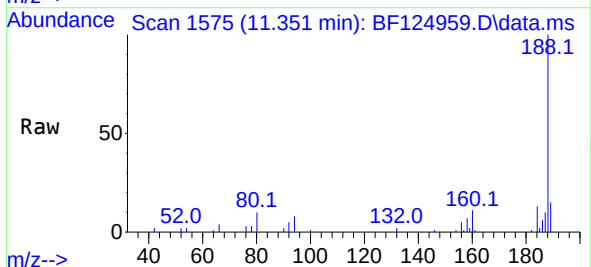
Manual Integrations
APPROVED

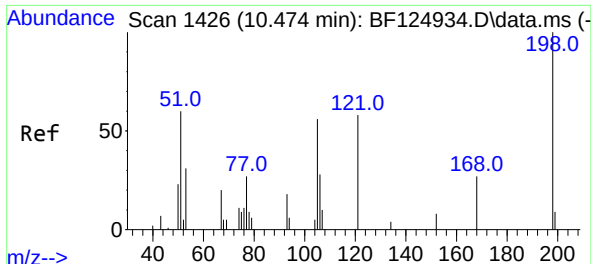
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:188	Resp: 26135
Ion Ratio	Lower Upper
188 100	
94 8.3	6.7 10.1
80 10.2	7.5 11.3





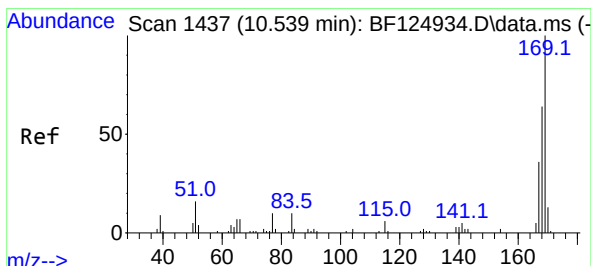
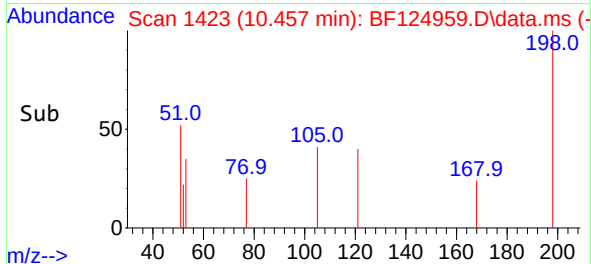
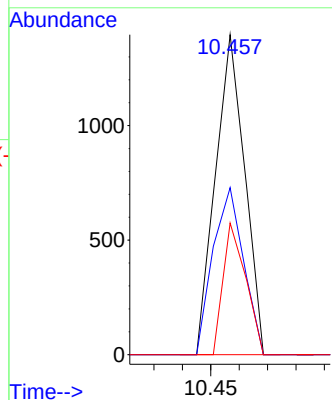
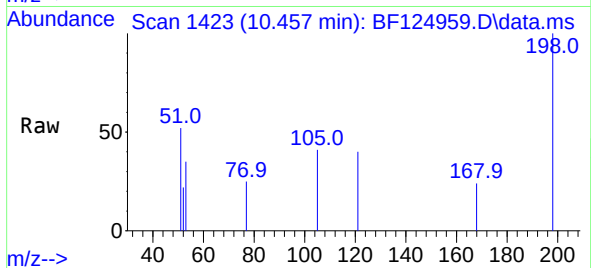
#65
4,6-Dinitro-2-methylphenol
Concen: 6.095 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:198 Resp: 998
Ion Ratio Lower Upper
198 100
51 52.2 45.3 85.3
105 41.2 30.6 70.6

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

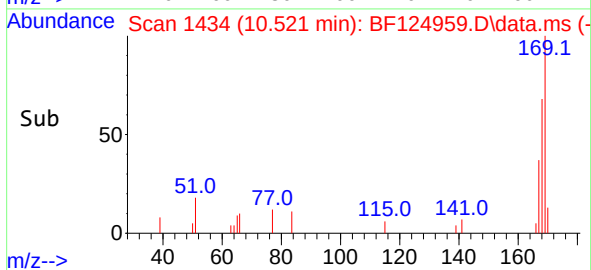
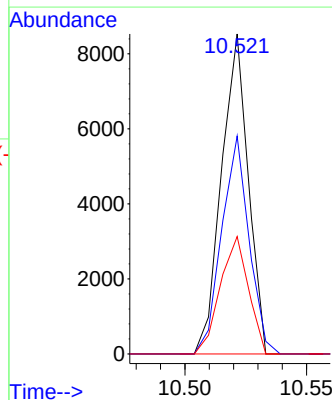
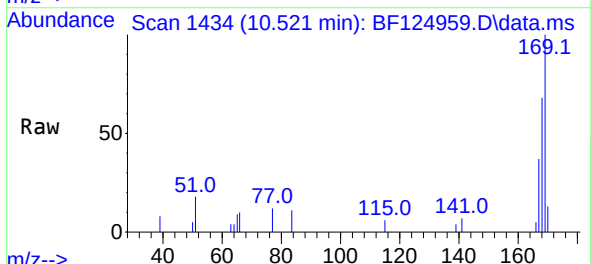
Manual Integrations
APPROVED

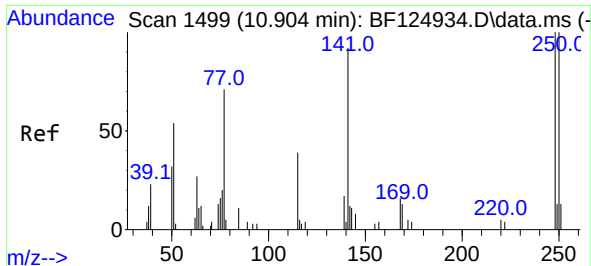
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#66
n-Nitrosodiphenylamine
Concen: 7.683 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

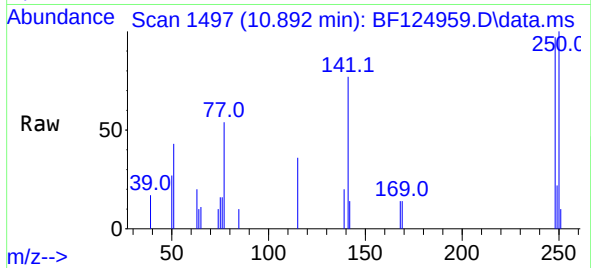
Tgt Ion:169 Resp: 6508
Ion Ratio Lower Upper
169 100
168 68.1 50.8 76.2
167 36.7 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 7.626 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

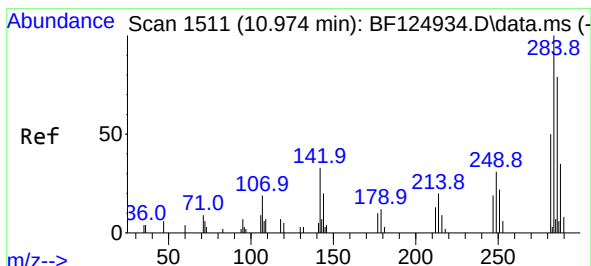
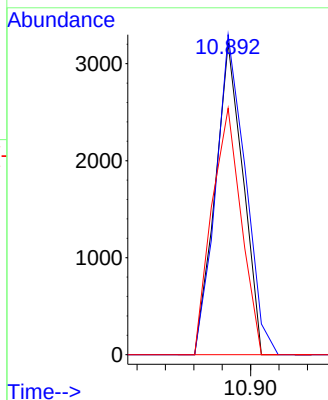
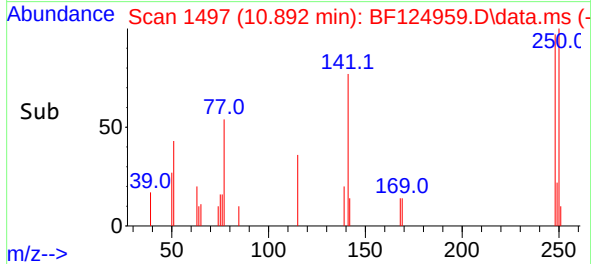
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



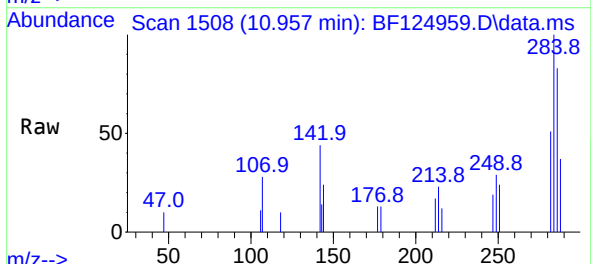
Tgt Ion:248 Resp: 2183
Ion Ratio Lower Upper
248 100
250 102.7 74.2 111.4
141 79.1 60.4 90.6

Manual Integrations
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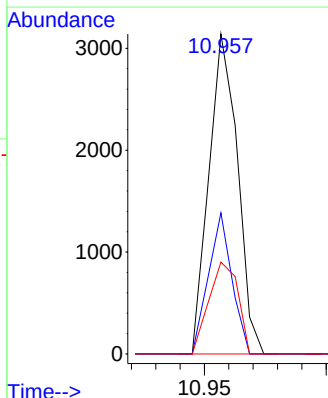
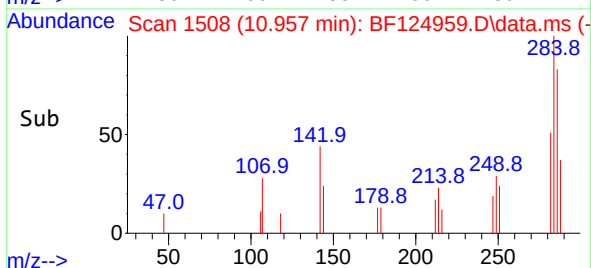
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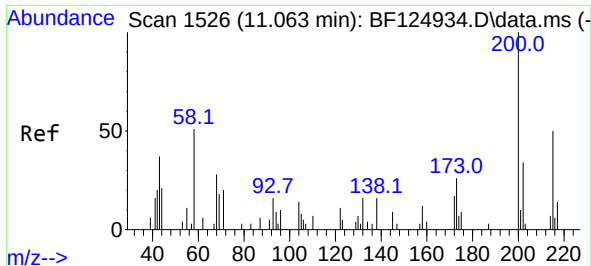


#68
Hexachlorobenzene
Concen: 8.214 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

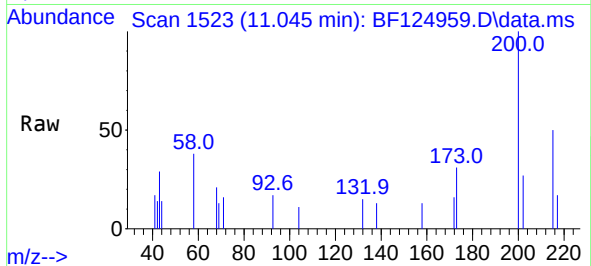


Tgt Ion:284 Resp: 2558
Ion Ratio Lower Upper
284 100
142 44.1 36.4 54.6
249 28.7 25.6 38.4

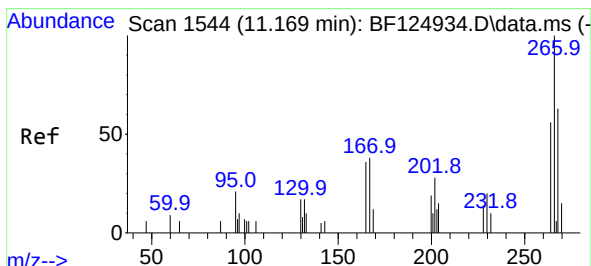
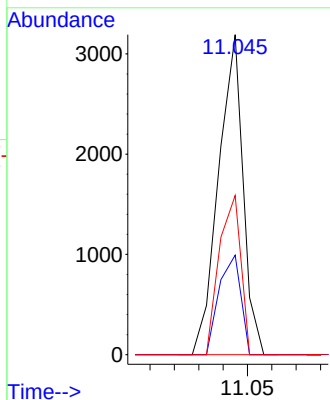
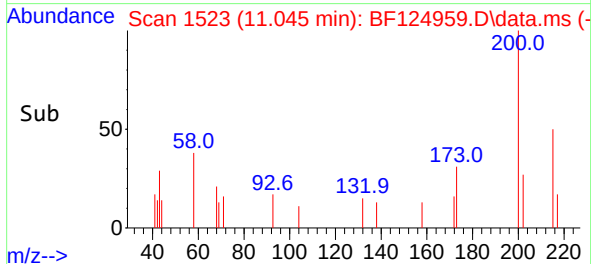




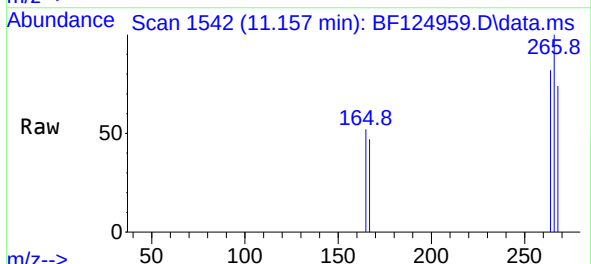
#69
Atrazine
Concen: 8.785 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



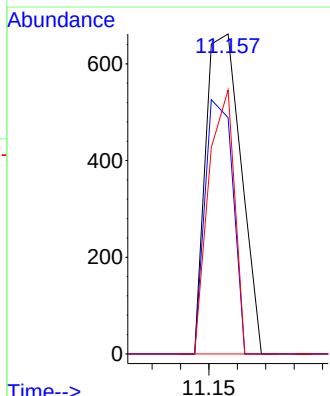
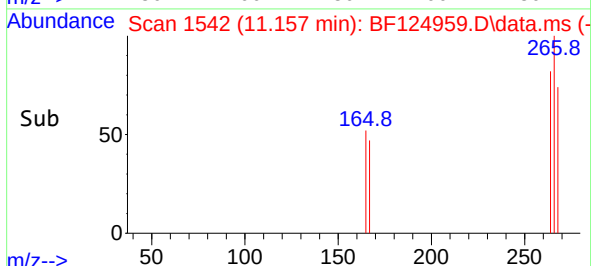
Tgt Ion:200 Resp: 2236
Ion Ratio Lower Upper
200 100
173 31.1 11.1 51.1
215 49.7 22.7 62.7



#70
Pentachlorophenol
Concen: 7.303 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



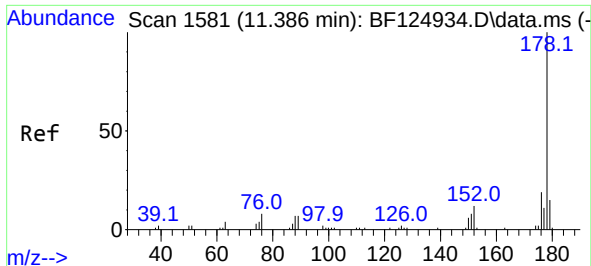
Tgt Ion:266 Resp: 572
Ion Ratio Lower Upper
266 100
268 73.9 48.9 73.3#
264 82.5 55.9 83.9



Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

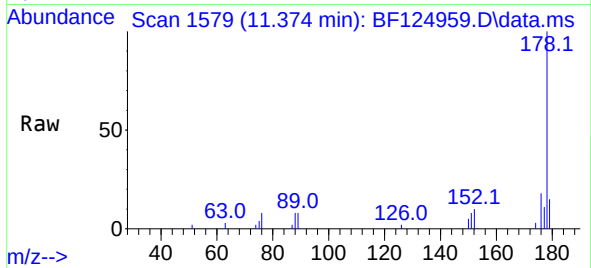
Manual Integrations
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#71
Phenanthrene
Concen: 8.426 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

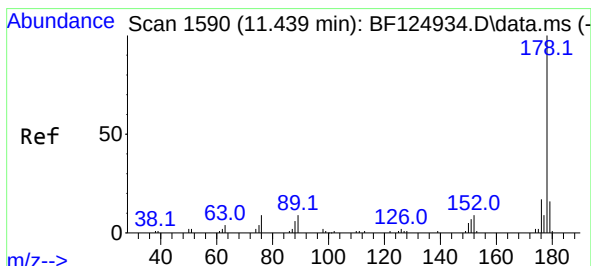
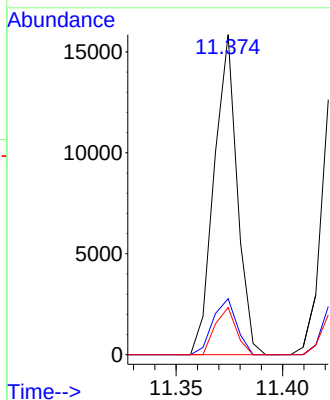
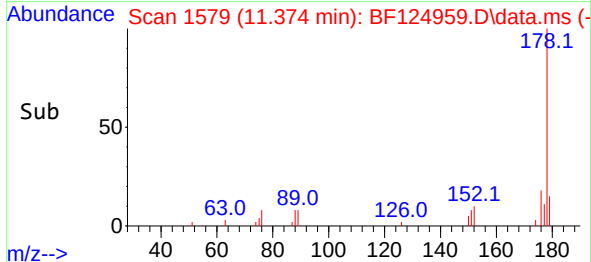
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



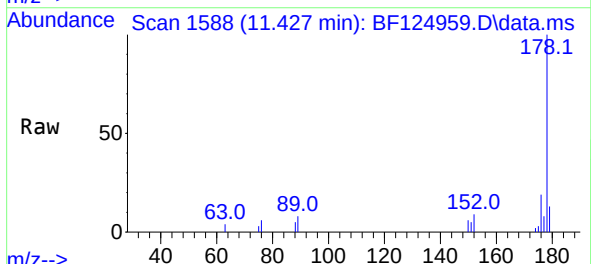
Tgt Ion:178 Resp: 11946
Ion Ratio Lower Upper
178 100
176 17.5 14.7 22.1
179 14.8 11.5 17.3

Manual Integrations
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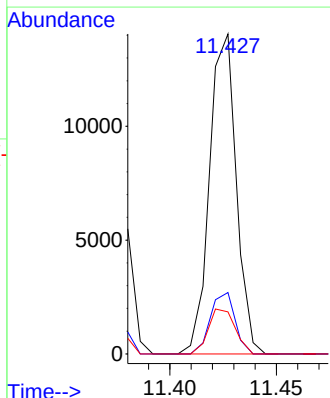
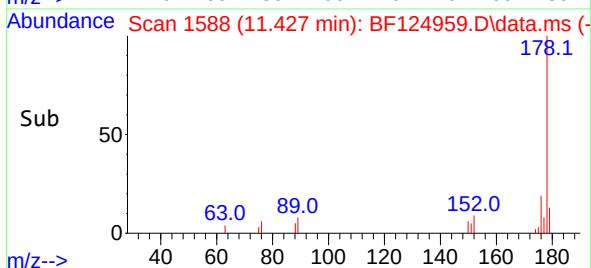
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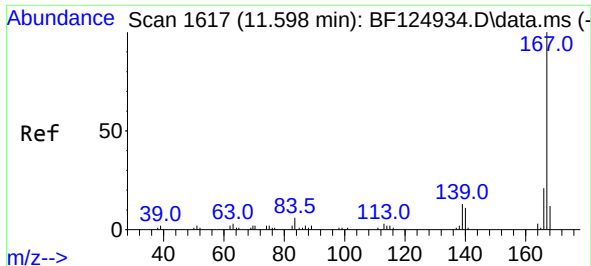


#72
Anthracene
Concen: 8.657 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



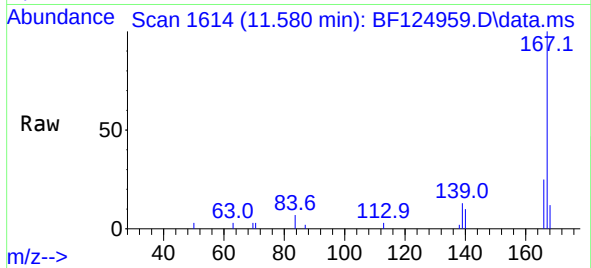
Tgt Ion:178 Resp: 12312
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 13.1 12.2 18.4





#73
Carbazole
Concen: 7.821 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

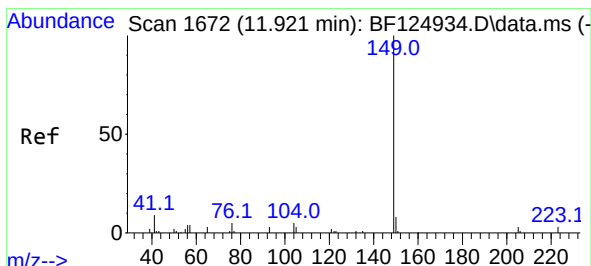
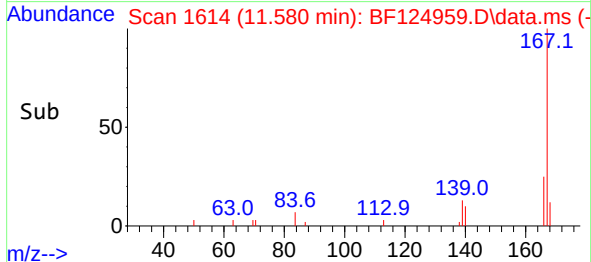
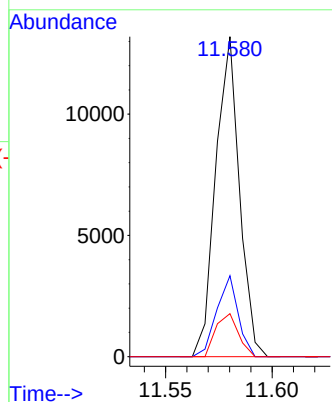
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



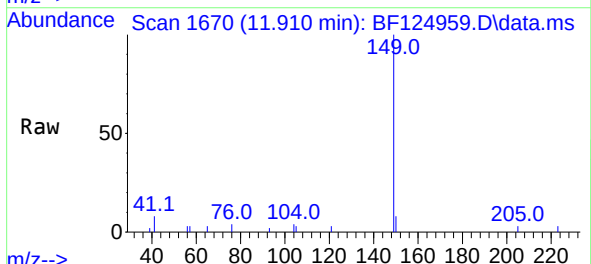
Tgt Ion:167 Resp: 10201
Ion Ratio Lower Upper
167 100
166 25.3 17.4 26.0
139 13.5 11.0 16.4

Manual Integrations
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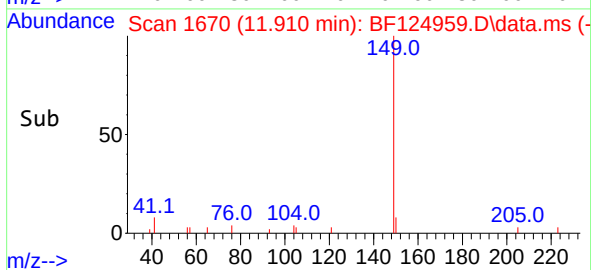
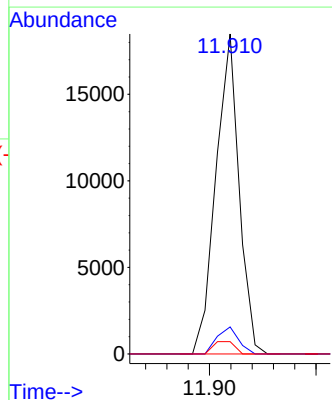
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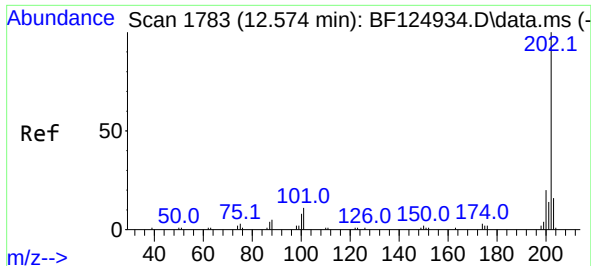


#74
Di-n-butylphthalate
Concen: 8.409 ng
RT: 11.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



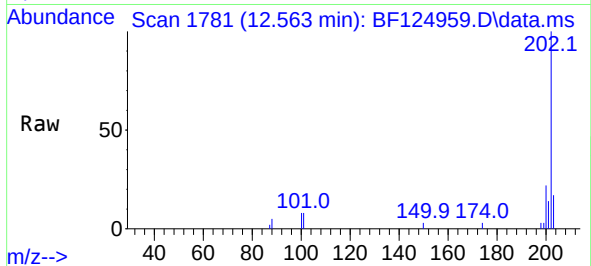
Tgt Ion:149 Resp: 13938
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 3.9 4.1 6.1#





#75
Fluoranthene
Concen: 8.113 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

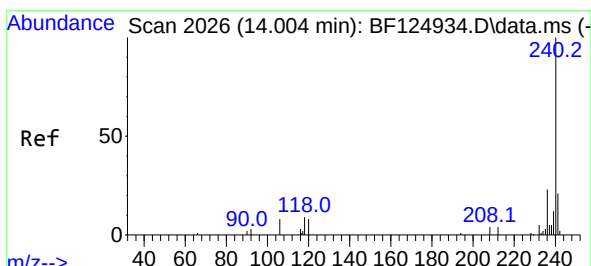
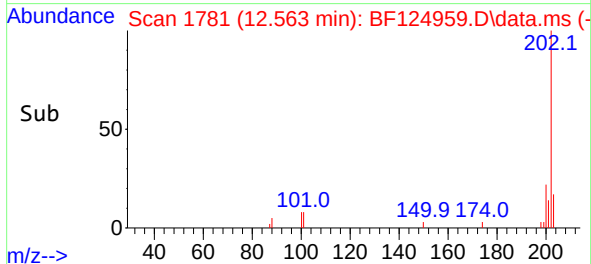
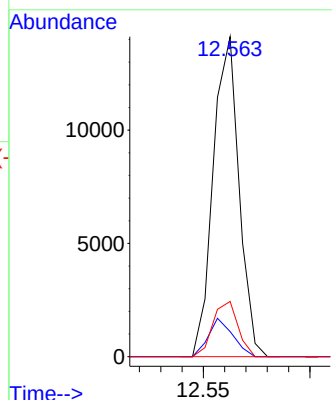
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:202 Resp: 11899
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.7
203 17.3 0.0 36.3

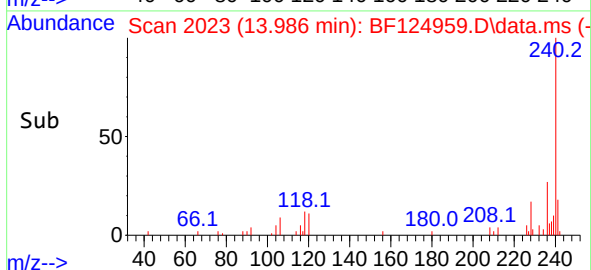
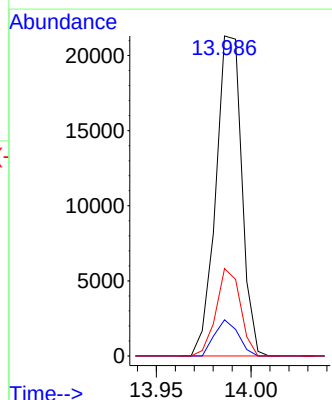
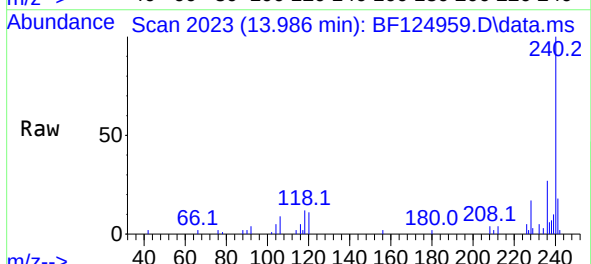
Manual Integrations
APPROVED

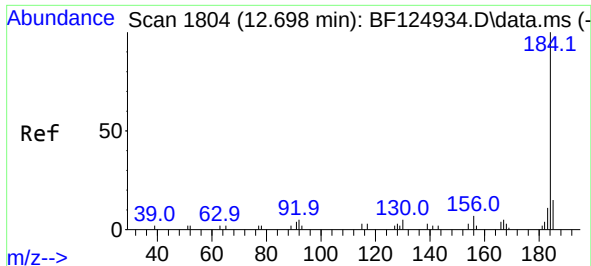
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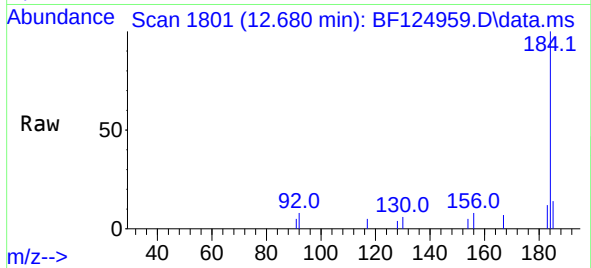
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:240 Resp: 20292
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 27.3 21.6 32.4

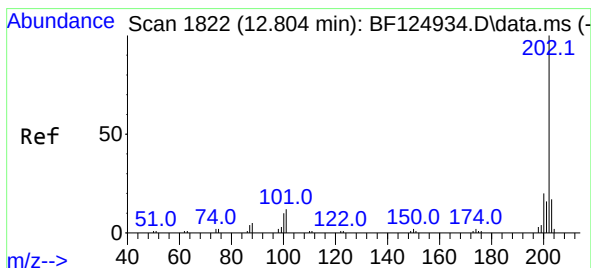
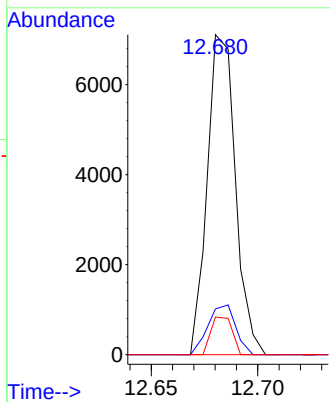
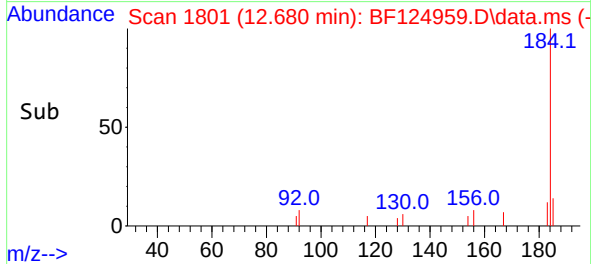




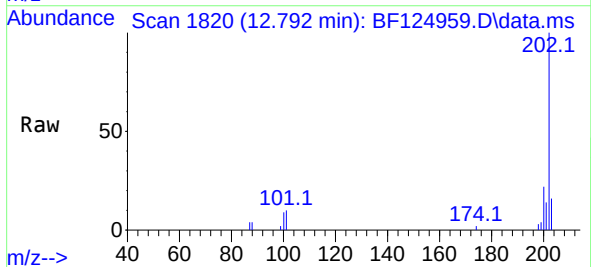
#77
Benzidine
Concen: 12.049 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



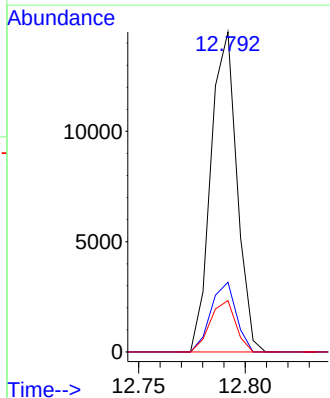
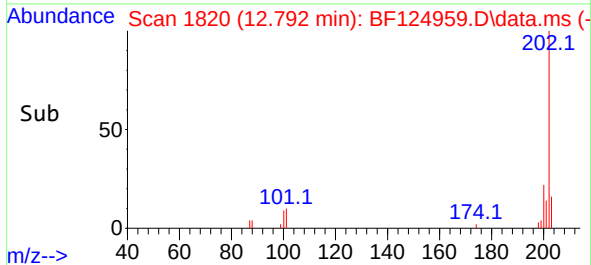
Tgt Ion:184 Resp: 6542
Ion Ratio Lower Upper
184 100
185 14.3 10.8 16.2
183 11.7 8.1 12.1



#78
Pyrene
Concen: 7.732 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



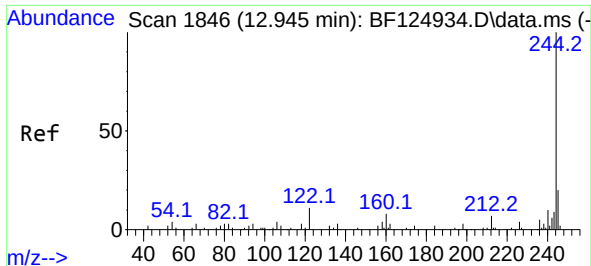
Tgt Ion:202 Resp: 12358
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 16.1 13.4 20.0



Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

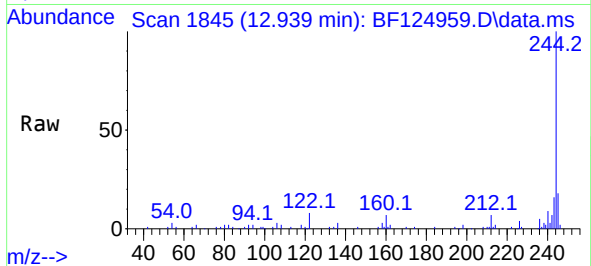
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#79
Terphenyl-d14
Concen: 62.144 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

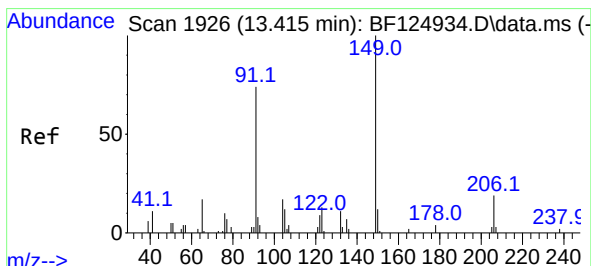
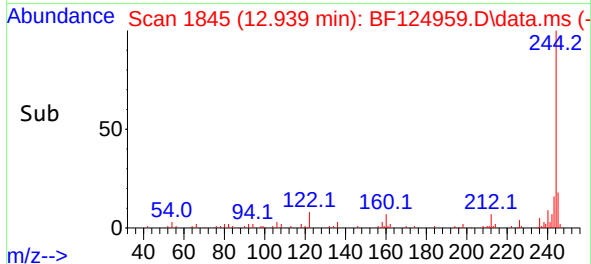
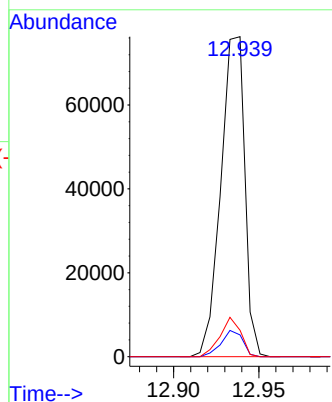
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:244 Resp: 74757
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.2 9.0 13.4#

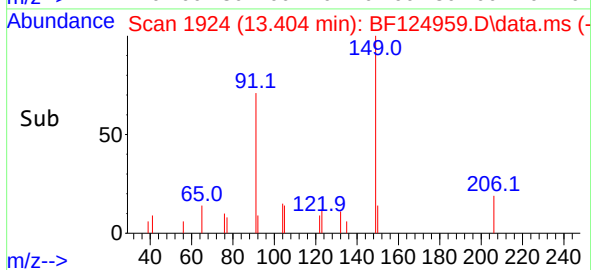
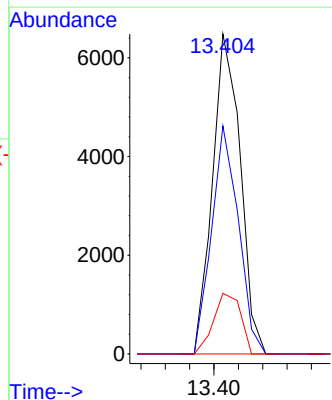
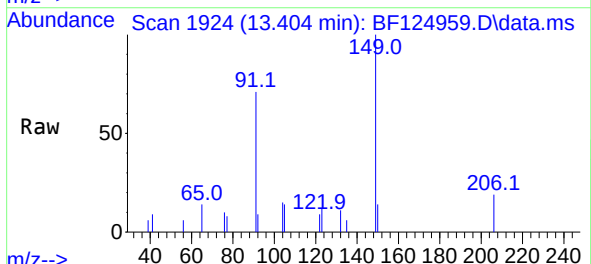
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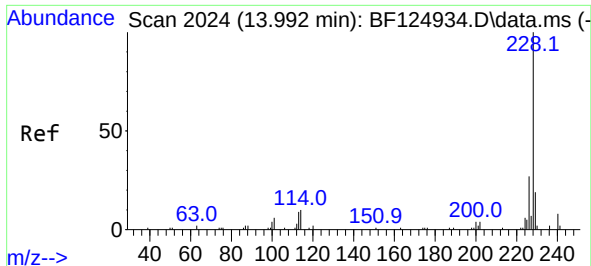
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#80
Butylbenzylphthalate
Concen: 7.225 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

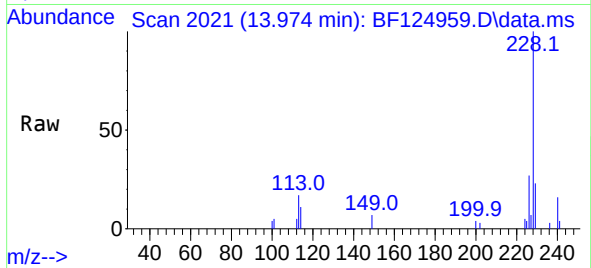
Tgt Ion:149 Resp: 5139
Ion Ratio Lower Upper
149 100
91 71.3 51.8 77.8
206 19.0 14.5 21.7





#81
Benzo(a)anthracene
Concen: 7.971 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

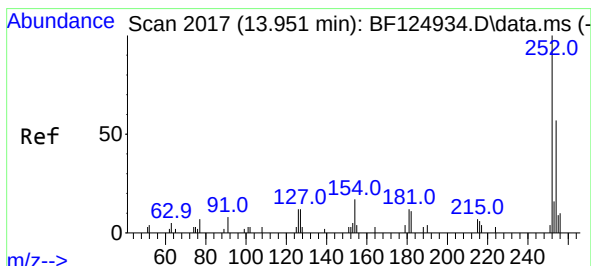
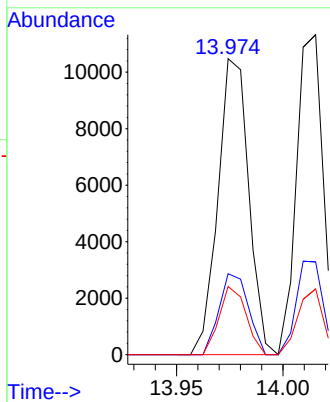
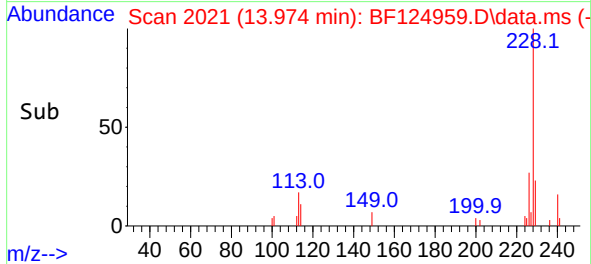
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



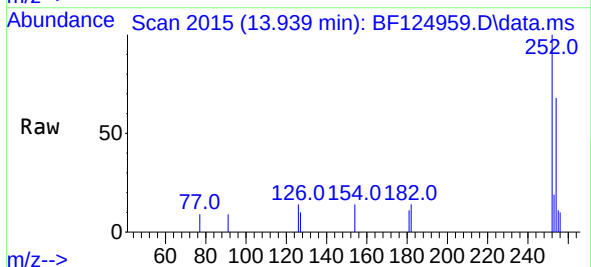
Tgt Ion:228 Resp: 10541
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 23.1 15.6 23.4

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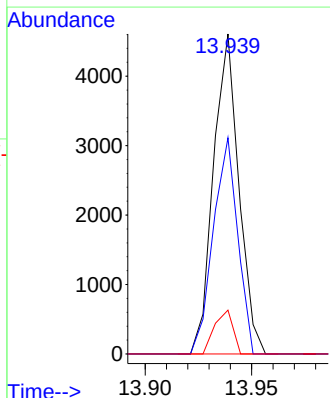
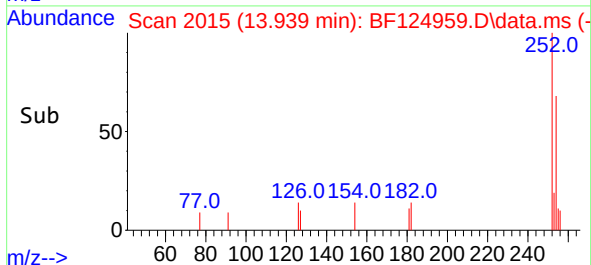
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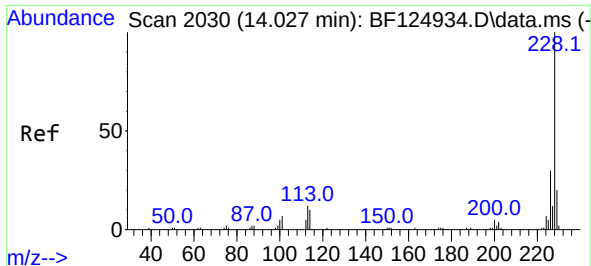


#82
3,3'-Dichlorobenzidine
Concen: 10.974 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



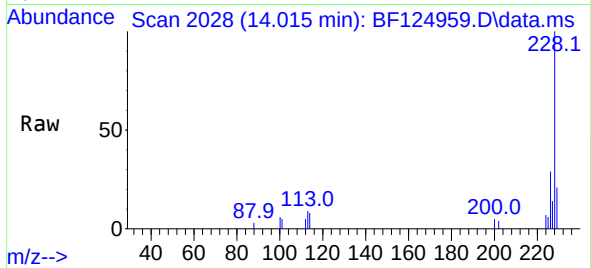
Tgt Ion:252 Resp: 3826
Ion Ratio Lower Upper
252 100
254 67.6 51.4 77.0
126 13.7 9.5 14.3





#83
Chrysene
Concen: 7.662 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

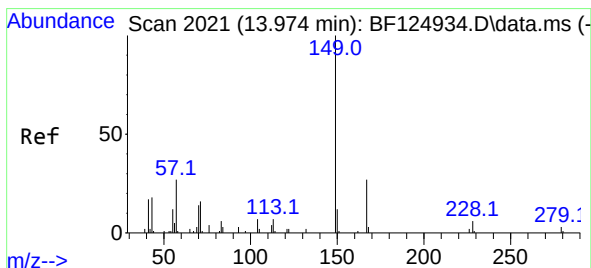
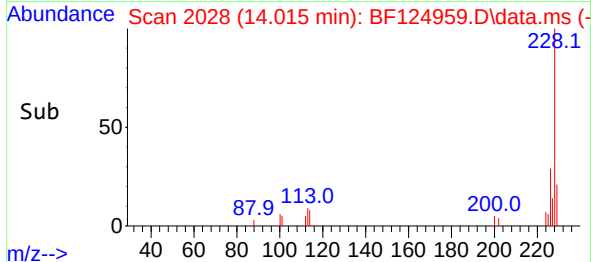
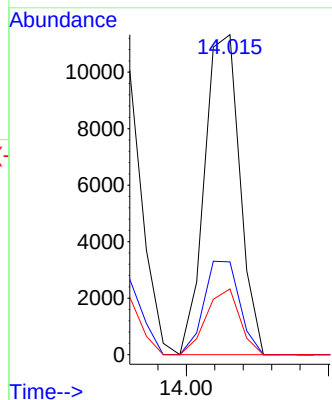


Tgt Ion: 228 Resp: 9795

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	20.5	15.9	23.9

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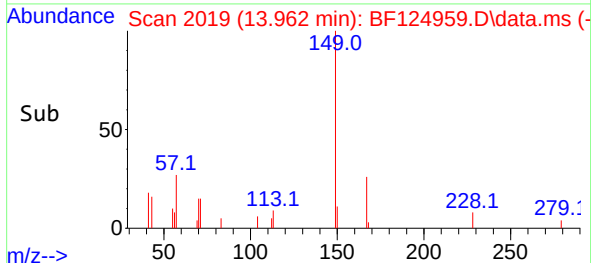
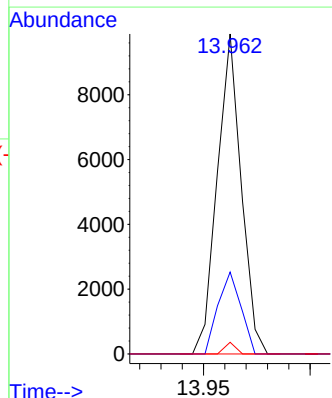
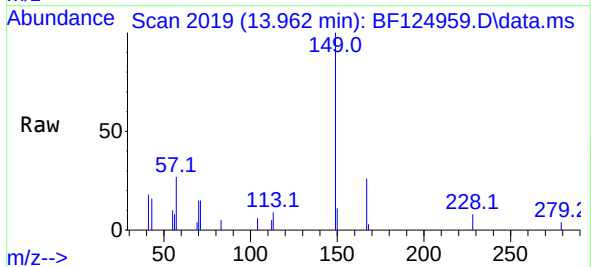
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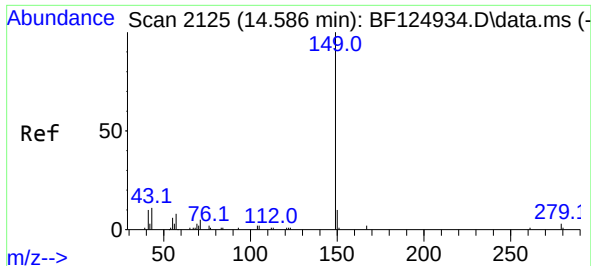


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.825 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion: 149 Resp: 7721

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.0
279	3.6	2.6	4.0





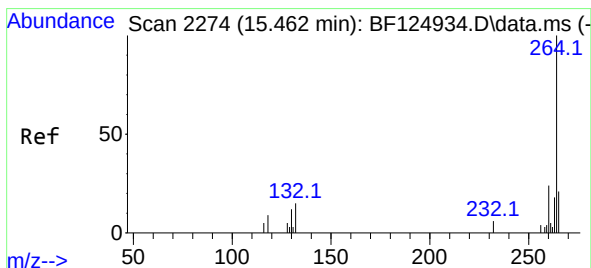
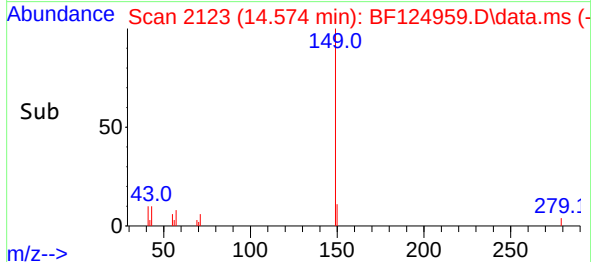
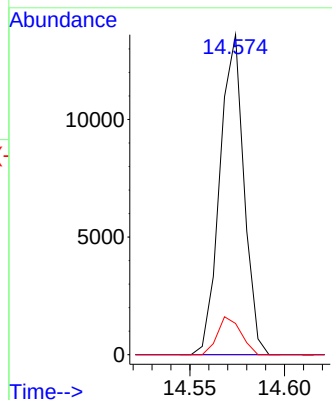
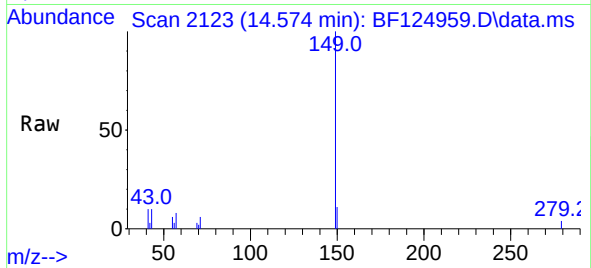
#85
Di-n-octyl phthalate
Concen: 7.749 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:149 Resp: 12063
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.5 9.9 14.9

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

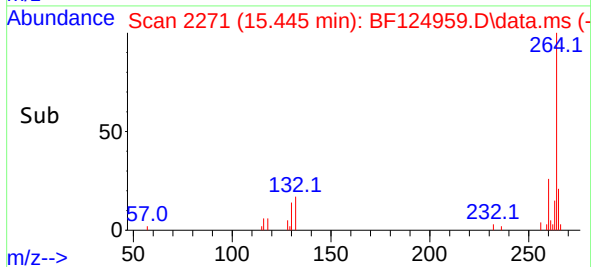
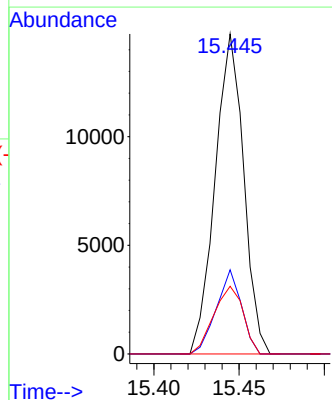
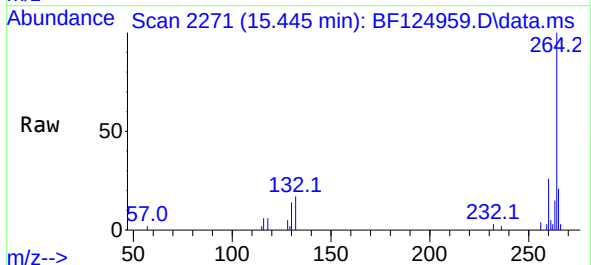
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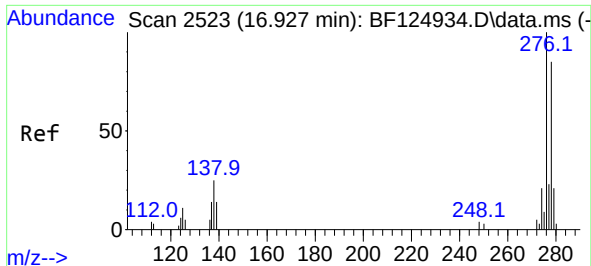
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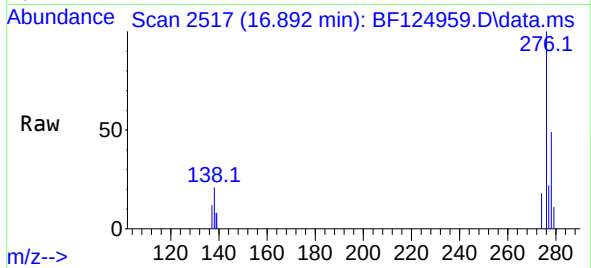
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:264 Resp: 17167
Ion Ratio Lower Upper
264 100
260 26.3 19.6 29.4
265 21.1 17.2 25.8

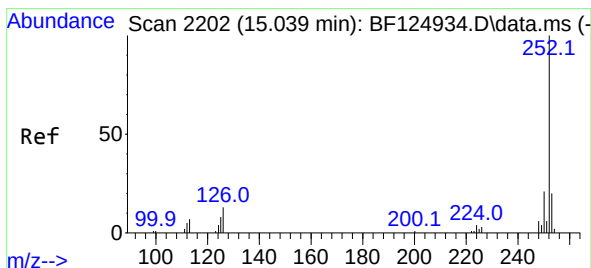
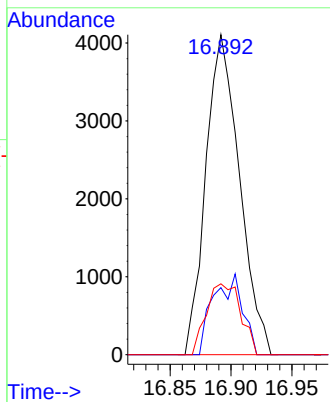
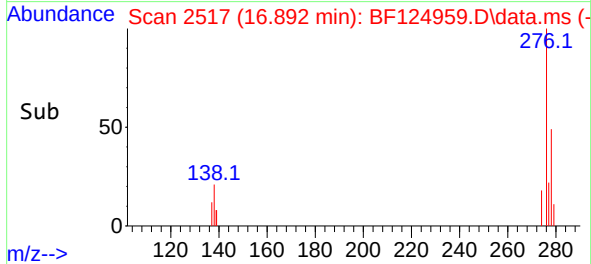




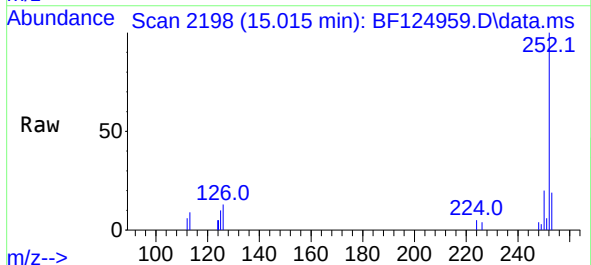
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.725 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



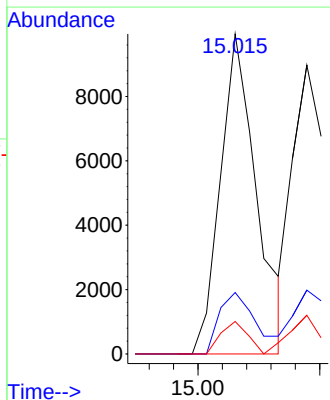
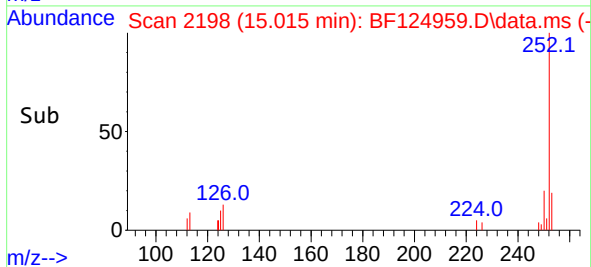
Tgt Ion: 276 Resp: 7897
Ion Ratio Lower Upper
276 100
138 21.9 24.1 36.1#
277 22.6 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 8.527 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31



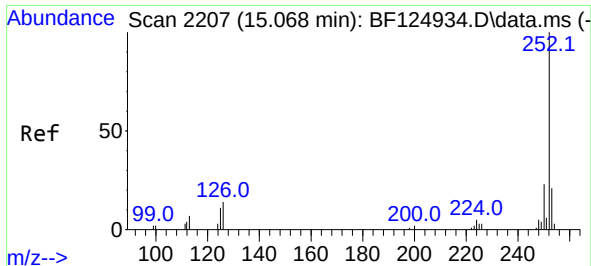
Tgt Ion: 252 Resp: 10278
Ion Ratio Lower Upper
252 100
253 19.2 16.8 25.2
125 10.1 9.8 14.8



Instrument :
BNA_F
ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 7.880 ng m

RT: 15.045 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

Tgt Ion:252 Resp: 8641

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 13.4 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

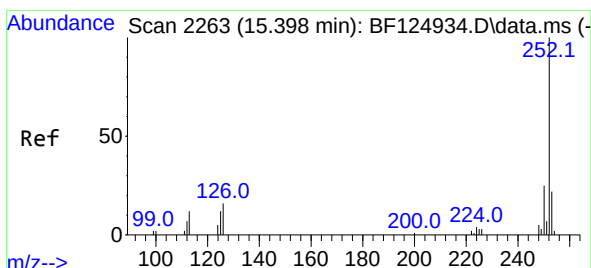
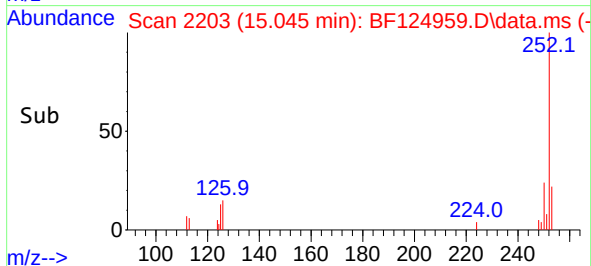
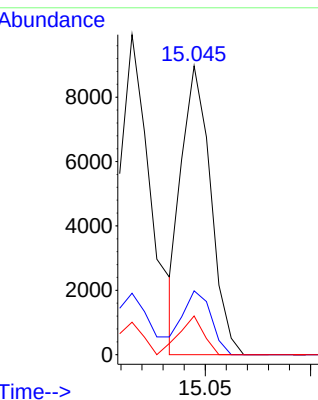
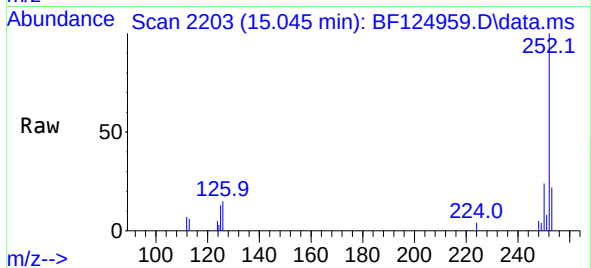
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#90

Benzo(a)pyrene

Concen: 7.964 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF124959.D

Acq: 6 Aug 2021 12:31

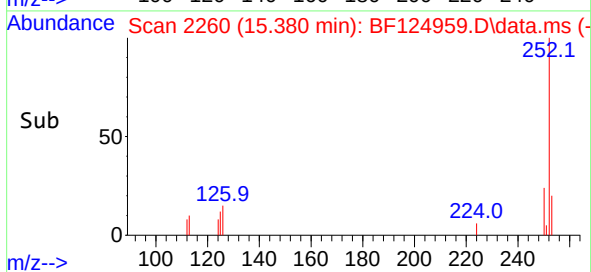
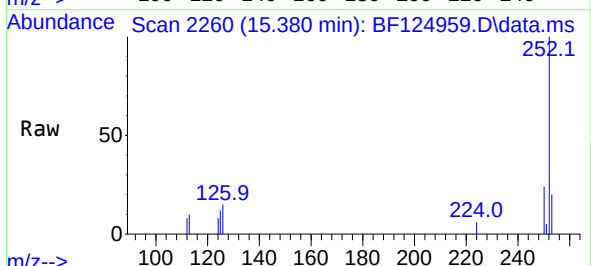
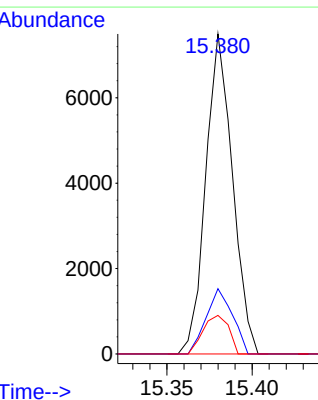
Tgt Ion:252 Resp: 8175

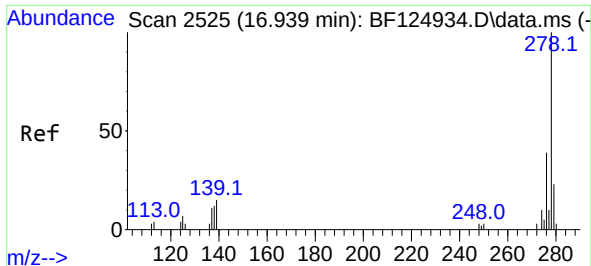
Ion Ratio Lower Upper

252 100

253 20.4 18.4 27.6

125 12.0 9.9 14.9





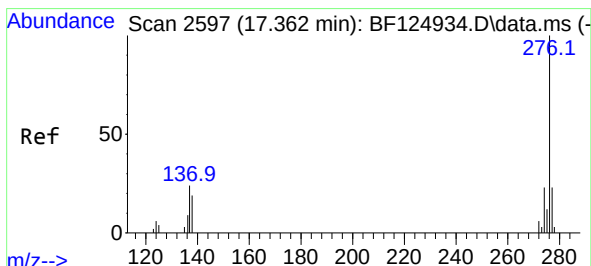
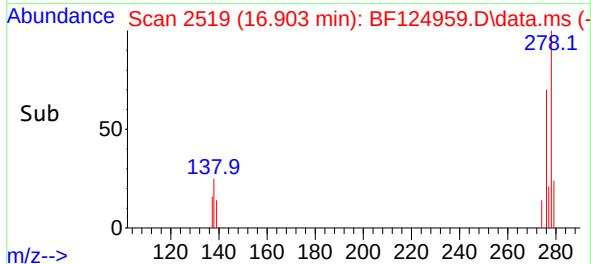
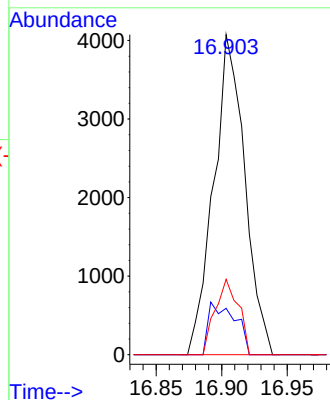
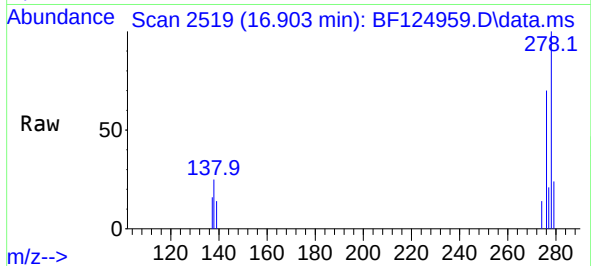
#91
Dibenzo(a,h)anthracene
Concen: 7.476 ng
RT: 16.903 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:278 Resp: 6720
Ion Ratio Lower Upper
278 100
139 14.5 14.9 22.3#
279 23.5 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 7.110 ng
RT: 17.333 min Scan# 2592
Delta R.T. -0.006 min
Lab File: BF124959.D
Acq: 6 Aug 2021 12:31

Tgt Ion:276 Resp: 6130
Ion Ratio Lower Upper
276 100
277 16.1 22.0 33.0#
138 23.5 22.2 33.4

