

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
 Data File : BF124958.D
 Acq On : 6 Aug 2021 11:59
 Operator : JU/CG
 Sample : M2262-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 8/9/2021 12:16:04 PM

Quant Time: Aug 06 12:30:59 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	6516	20.000	ng	# 0.00
21) Naphthalene-d8	8.110	136	24956	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	13778	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	24674	20.000	ng	0.00
76) Chrysene-d12	13.986	240	18776	20.000	ng	0.00
86) Perylene-d12	15.445	264	16005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	44337	111.463	ng	0.00
7) Phenol-d6	6.457	99	57705	115.049	ng	0.00
23) Nitrobenzene-d5	7.392	82	33639	70.514	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	13584	110.356	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	66662	70.796	ng	0.00
79) Terphenyl-d14	12.939	244	82461	74.082	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.598	88	394	2.648	ng	# 100
6) Aniline	6.492	93	2533	4.781	ng	93
8) 2-Chlorophenol	6.610	128	1705	3.908	ng	# 69
9) Benzaldehyde	6.381	77	1496	5.482	ng	89
10) Phenol	6.469	94	1900	3.671	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	1535	3.954	ng	86
12) 1,3-Dichlorobenzene	6.769	146	1862m	3.921	ng	
13) 1,4-Dichlorobenzene	6.845	146	1989	4.190	ng	97
14) 1,2-Dichlorobenzene	6.998	146	1760	3.956	ng	97
15) Benzyl Alcohol	6.969	79	1583	4.375	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	2784	4.476	ng	75
17) 2-Methylphenol	7.075	107	1400	4.286	ng	92
18) Hexachloroethane	7.339	117	739	3.976	ng	# 76
19) n-Nitroso-di-n-propyla...	7.233	70	1203	4.042	ng	# 89
20) 3+4-Methylphenols	7.228	107	1623	3.743	ng	# 70
22) Acetophenone	7.233	105	2604	4.261	ng	# 91
24) Nitrobenzene	7.410	77	1833	3.971	ng	89
25) Isophorone	7.645	82	3041	3.735	ng	98
26) 2-Nitrophenol	7.728	139	810	3.455	ng	92
27) 2,4-Dimethylphenol	7.757	122	1590	4.785	ng	92
28) bis(2-Chloroethoxy)met...	7.857	93	1965	4.240	ng	# 85
29) 2,4-Dichlorophenol	7.963	162	1222	3.301	ng	90
30) 1,2,4-Trichlorobenzene	8.051	180	1540	3.712	ng	97
31) Naphthalene	8.133	128	5277	4.116	ng	# 94
32) Benzoic acid	7.757	122	1590	14.262	ng	# 16
33) 4-Chloroaniline	8.180	127	2093	4.380	ng	99
34) Hexachlorobutadiene	8.245	225	905	3.653	ng	# 84
36) 4-Chloro-3-methylphenol	8.657	107	1217	3.143	ng	92
37) 2-Methylnaphthalene	8.822	142	3364	3.902	ng	91
38) 1-Methylnaphthalene	8.922	142	3156	3.912	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	1647	4.165	ng	# 86
43) 2,4,6-Trichlorophenol	9.098	196	925	3.514	ng	94
44) 2,4,5-Trichlorophenol	9.139	196	881	3.306	ng	# 95
46) 1,1'-Biphenyl	9.286	154	4540	4.422	ng	97
47) 2-Chloronaphthalene	9.310	162	3136	3.839	ng	96
48) 2-Nitroaniline	9.404	65	893	3.722	ng	# 84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.727	152	5236	4.220	ng	97
50) Dimethylphthalate	9.580	163	3824	4.096	ng #	93
51) 2,6-Dinitrotoluene	9.645	165	819	3.939	ng	95
52) Acenaphthene	9.898	154	3148	4.185	ng	90
53) 3-Nitroaniline	9.810	138	878	4.009	ng #	69
55) Dibenzofuran	10.069	168	4855	4.130	ng	98
56) 4-Nitrophenol	9.974	139	401	2.778	ng #	85
57) 2,4-Dinitrotoluene	10.045	165	1113	3.943	ng	93
58) Fluorene	10.410	166	3700	4.105	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.186	232	613	3.066	ng #	69
60) Diethylphthalate	10.280	149	3720	3.882	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	1753	4.118	ng	95
62) 4-Nitroaniline	10.422	138	783	3.683	ng	85
63) Azobenzene	10.563	77	3384	3.612	ng	92
66) n-Nitrosodiphenylamine	10.521	169	3117	3.898	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	905	3.349	ng #	66
68) Hexachlorobenzene	10.957	284	1246	4.238	ng	91
69) Atrazine	11.039	200	909	3.783	ng	89
71) Phenanthrene	11.374	178	5442	4.066	ng	96
72) Anthracene	11.421	178	5538	4.124	ng	97
73) Carbazole	11.580	167	4994	4.056	ng	97
74) Di-n-butylphthalate	11.910	149	6556	4.189	ng #	96
75) Fluoranthene	12.557	202	5354	3.867	ng	94
77) Benzidine	12.680	184	2871	5.715	ng #	93
78) Pyrene	12.786	202	5662	3.828	ng #	93
80) Butylbenzylphthalate	13.404	149	2478	3.765	ng	88
81) Benzo(a)anthracene	13.974	228	4868	3.979	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	1918	5.946	ng #	94
83) Chrysene	14.009	228	4453	3.765	ng	95
84) Bis(2-ethylhexyl)phtha...	13.962	149	3776	4.136	ng #	93
85) Di-n-octyl phthalate	14.574	149	5614	3.898	ng #	91
87) Indeno(1,2,3-cd)pyrene	16.892	276	3423	3.591	ng #	82
88) Benzo(b)fluoranthene	15.015	252	4503m	4.007	ng	
89) Benzo(k)fluoranthene	15.045	252	4067	3.978	ng #	97
90) Benzo(a)pyrene	15.380	252	3863	4.037	ng #	85
91) Dibenzo(a,h)anthracene	16.903	278	2772	3.308	ng #	74
92) Benzo(g,h,i)perylene	17.327	276	2539	3.159	ng	92

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

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Abundance

TIC: BF124958.D\data.ms

Time-->

1,4-Dioxane

2-Fluorophenol,S

Phenol-d6,S

Nitrobenzene-d5,S

Acenaphthene-d10,I

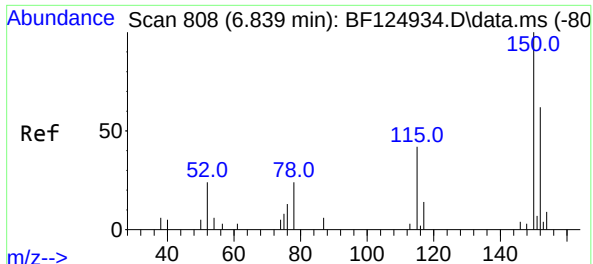
Phenanthrene-d10,I

Chrysene-d12,I

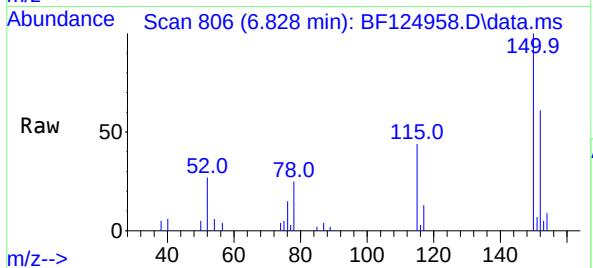
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Indeno(1,2,3-cd)pyrene

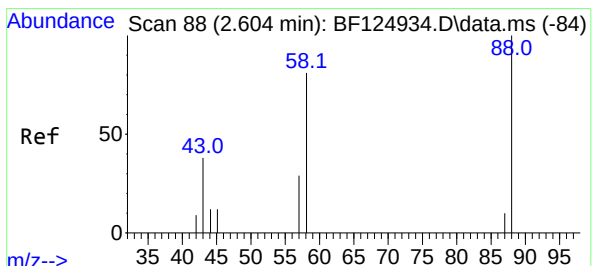
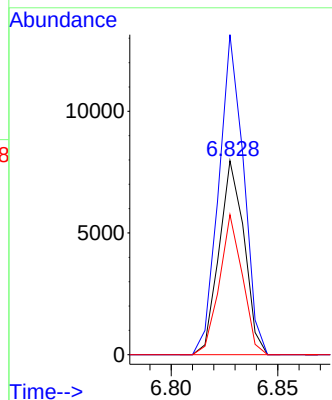
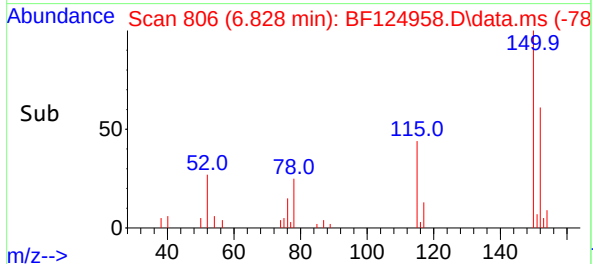
Benzo(g,h,i)perylene



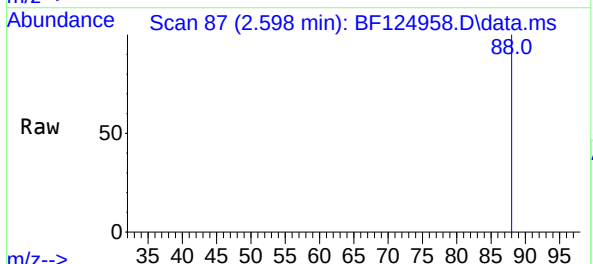
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



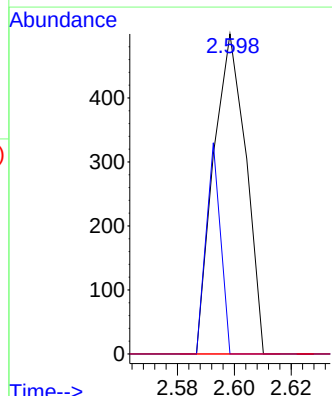
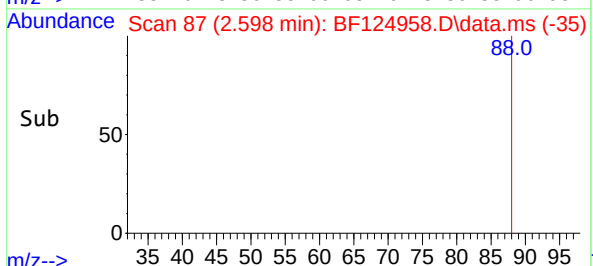
Tgt Ion:152 Resp: 6516
Ion Ratio Lower Upper
152 100
150 165.1 117.6 176.4
115 72.2 47.1 70.7#



#2
1,4-Dioxane
Concen: 2.648 ng
RT: 2.598 min Scan# 87
Delta R.T. 0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



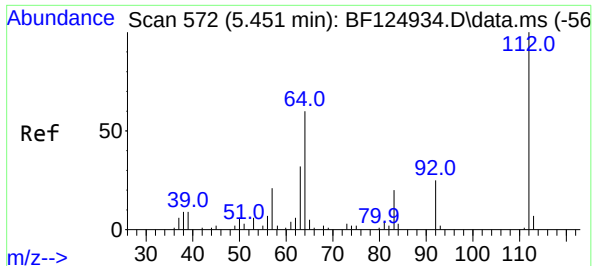
Tgt Ion: 88 Resp: 394
Ion Ratio Lower Upper
88 100
58 29.4 0.0 0.0#
43 0.0 0.0 0.0



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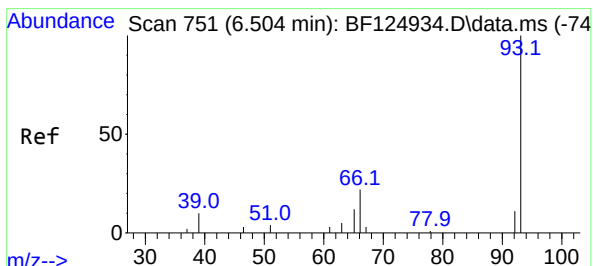
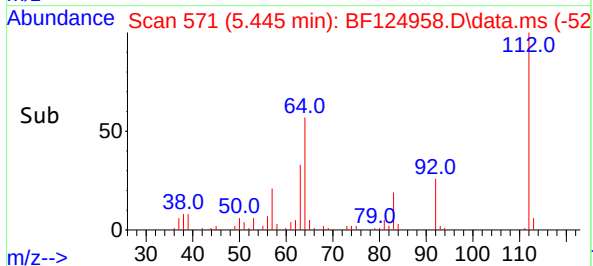
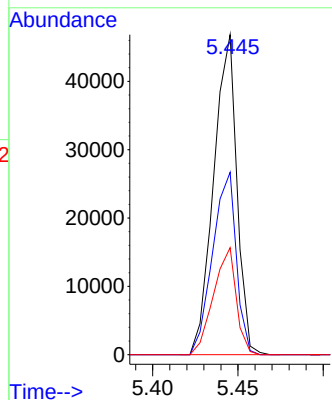
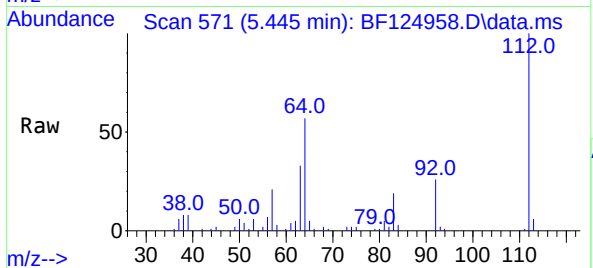
#5
2-Fluorophenol
Concen: 111.463 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

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

Tgt Ion:112 Resp: 44337
Ion Ratio Lower Upper
112 100
64 57.0 44.2 66.2
63 33.5 26.2 39.2

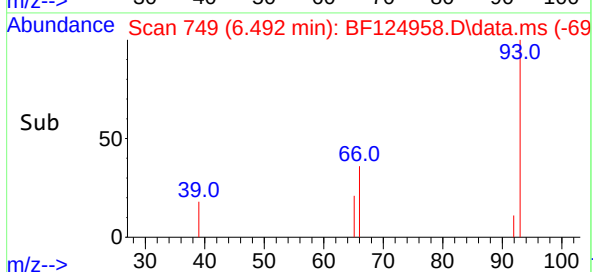
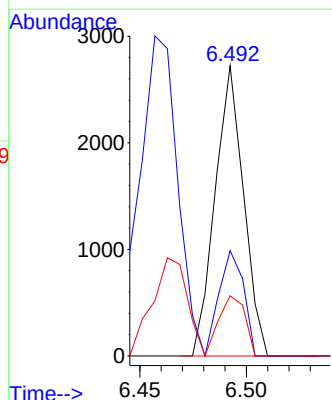
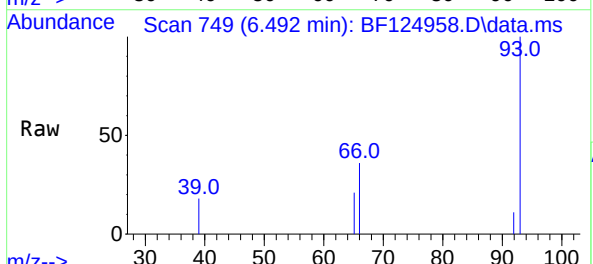
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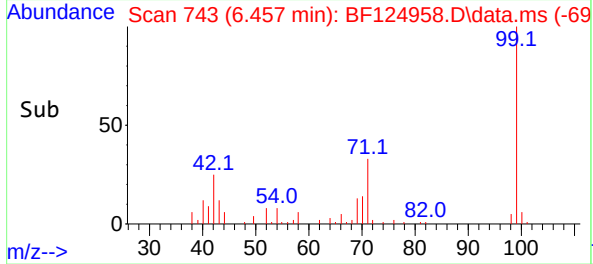
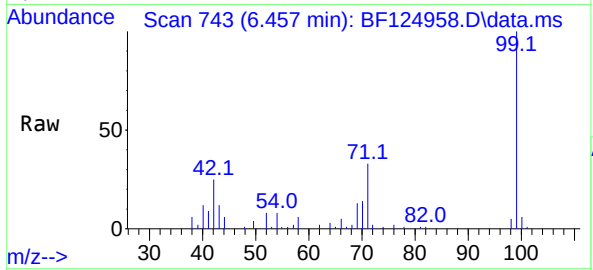
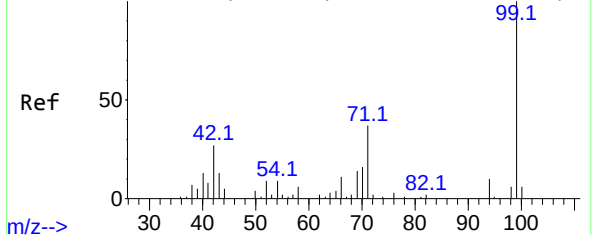


#6
Aniline
Concen: 4.781 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion: 93 Resp: 2533
Ion Ratio Lower Upper
93 100
66 36.3 32.7 49.1
65 20.7 14.2 21.4



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



#7

Phenol-d6

Concen: 115.049 ng

RT: 6.457 min Scan# 743

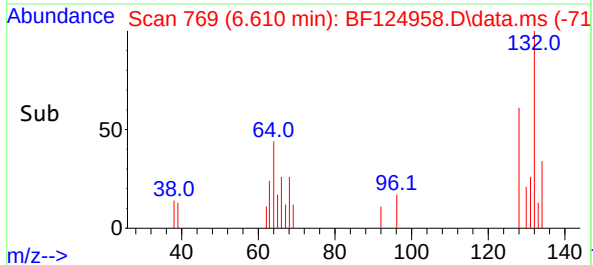
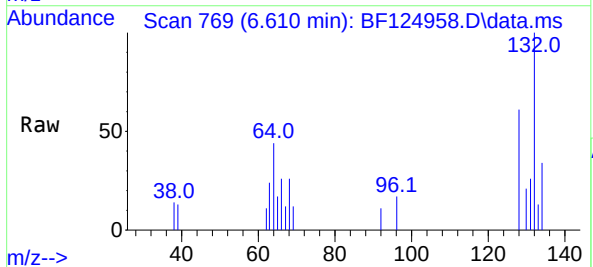
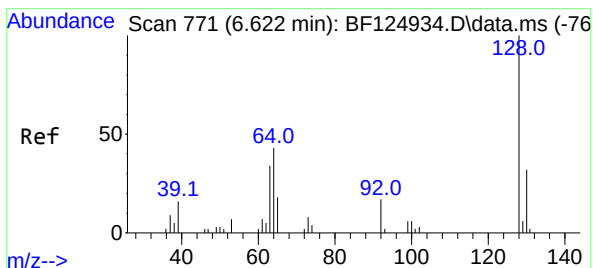
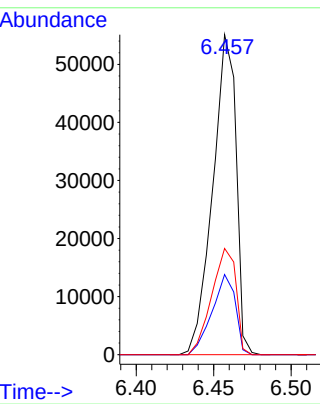
Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion: 99 Resp: 57705

Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.5	35.3
71	33.2	25.6	38.4



#8

2-Chlorophenol

Concen: 3.908 ng

RT: 6.610 min Scan# 769

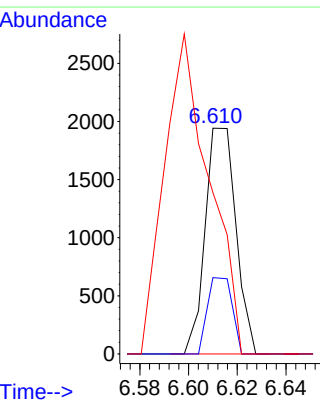
Delta R.T. -0.006 min

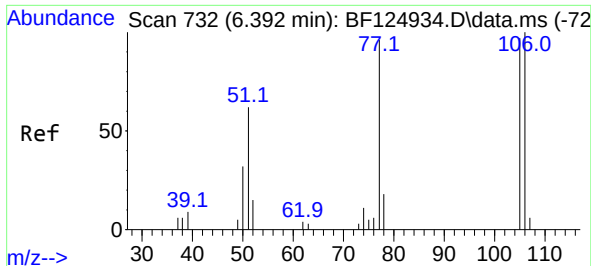
Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion: 128 Resp: 1705

Ion	Ratio	Lower	Upper
128	100		
130	33.8	10.5	50.5
64	71.5	20.3	60.3





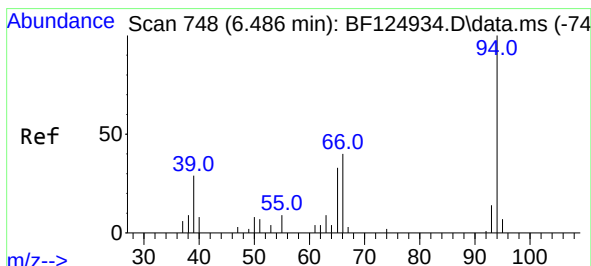
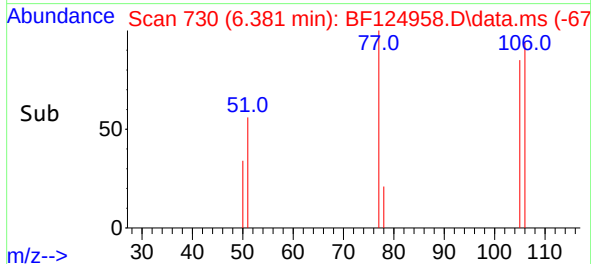
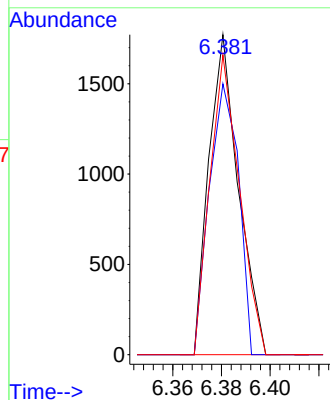
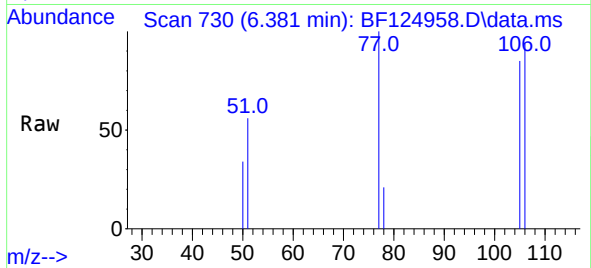
#9
Benzaldehyde
Concen: 5.482 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	77	Resp:	1496
Ion	Ratio	Lower	Upper
77	100		
105	84.7	75.9	115.9
106	93.6	84.0	124.0

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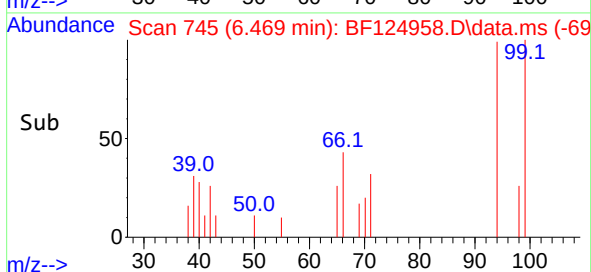
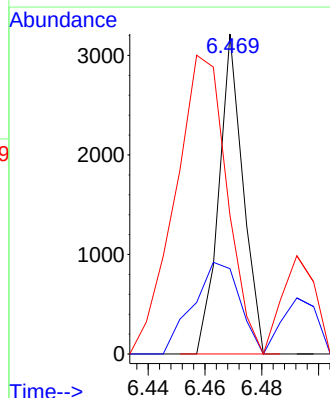
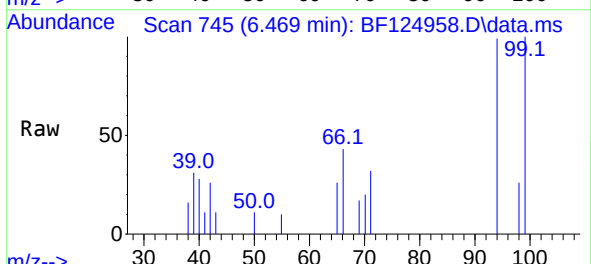
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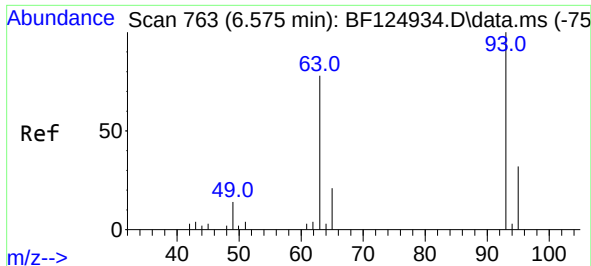
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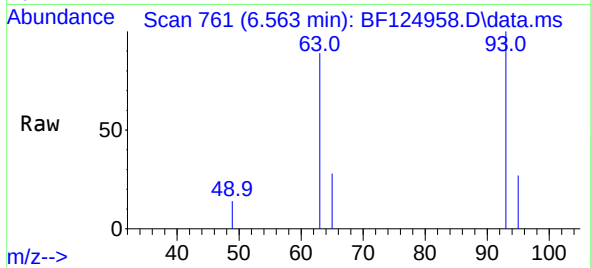
#10
Phenol
Concen: 3.671 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
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Tgt Ion:	94	Resp:	1900
Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.3	49.3
66	43.3	20.3	60.3



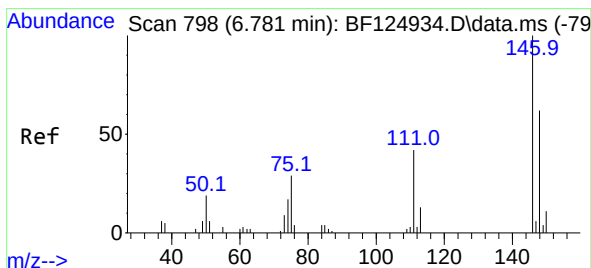
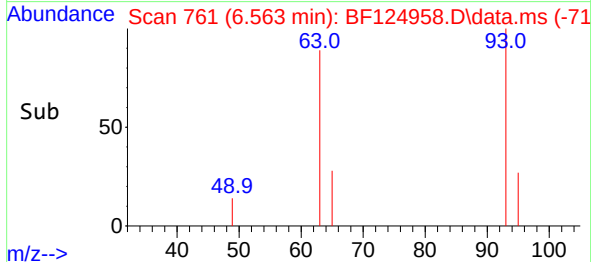
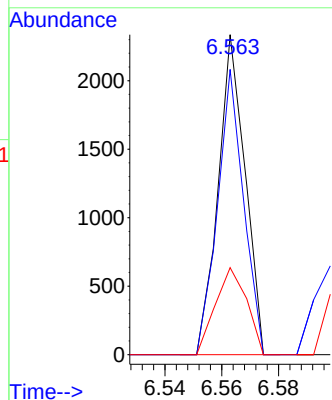


#11
bis(2-Chloroethyl)ether
Concen: 3.954 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

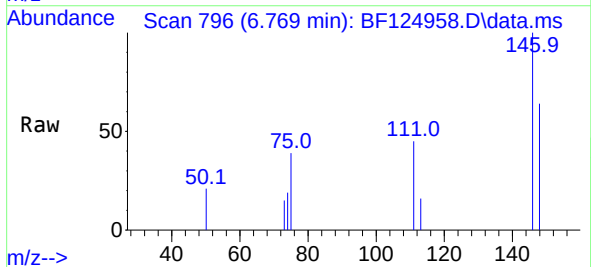


Tgt Ion: 93 Resp: 1535

Ion	Ratio	Lower	Upper
93	100		
63	89.2	54.4	94.4
95	27.2	11.4	51.4

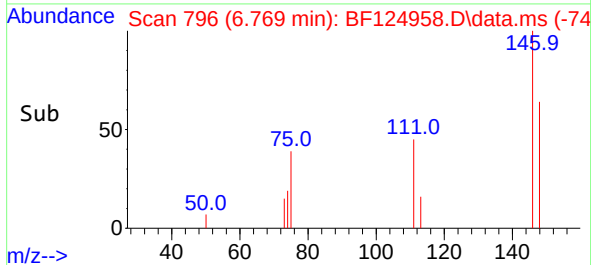
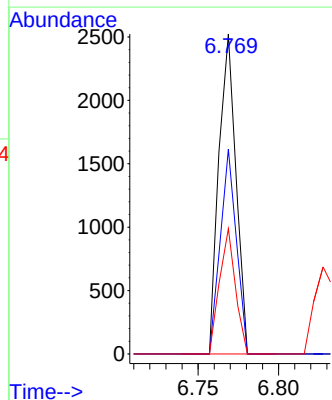


#12
1,3-Dichlorobenzene
Concen: 3.921 ng m
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF124958.D
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Tgt Ion: 146 Resp: 1862

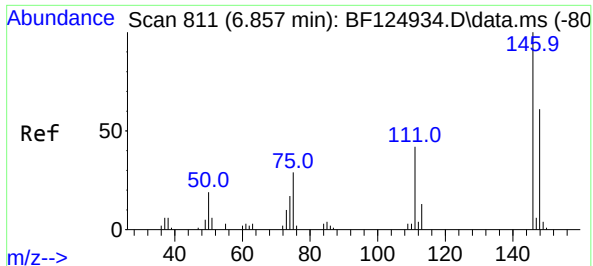
Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.7	74.5
75	39.1	25.2	37.8



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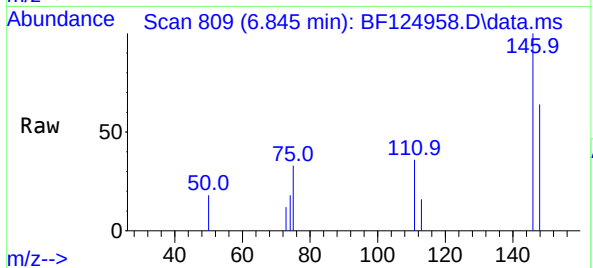
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#13

1,4-Dichlorobenzene
Concen: 4.190 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

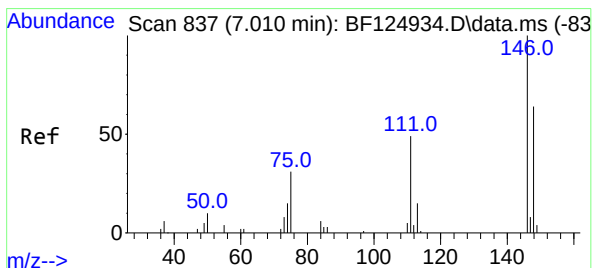
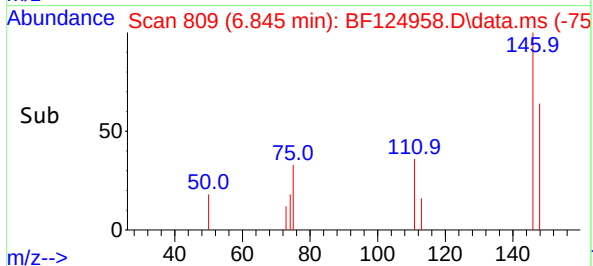
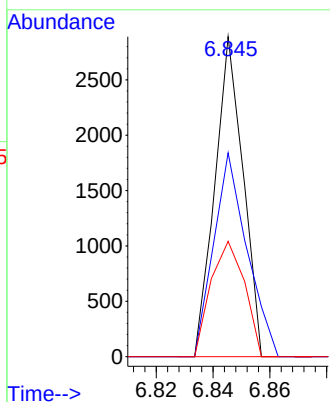
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:	146	Resp:	1989
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	36.0	31.8	47.6

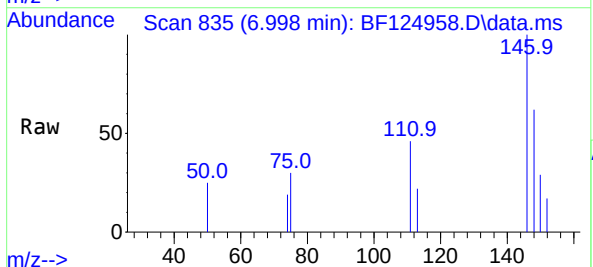
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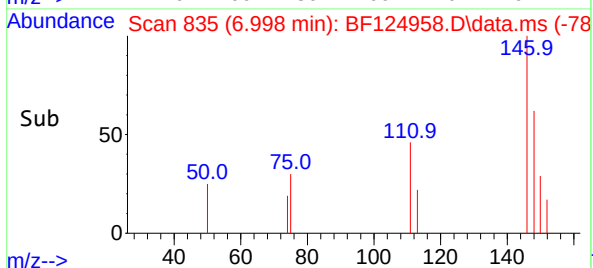
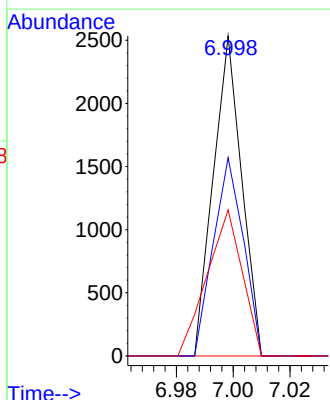


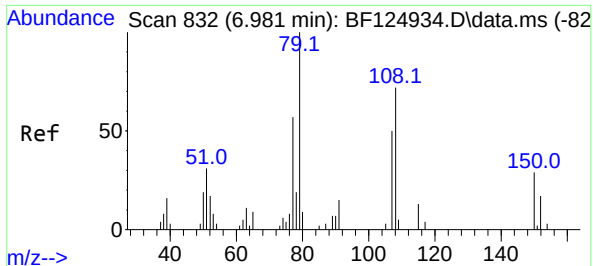
#14

1,2-Dichlorobenzene
Concen: 3.956 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



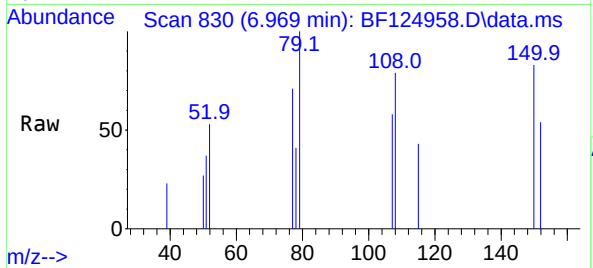
Tgt Ion:	146	Resp:	1760
Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	75.8
111	45.7	33.5	50.3





#15
Benzyl Alcohol
Concen: 4.375 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

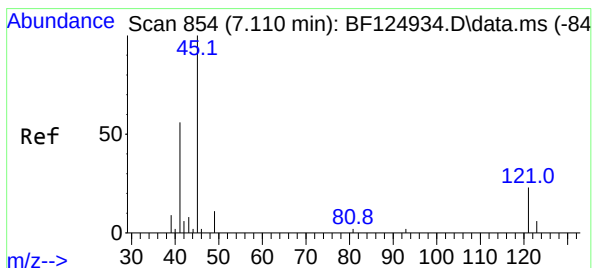
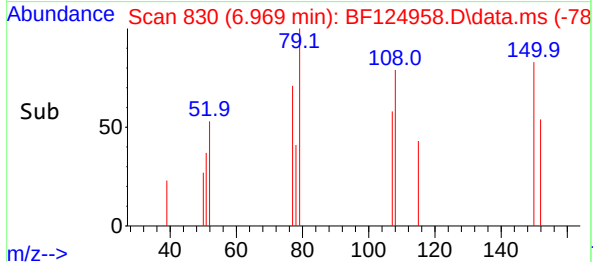
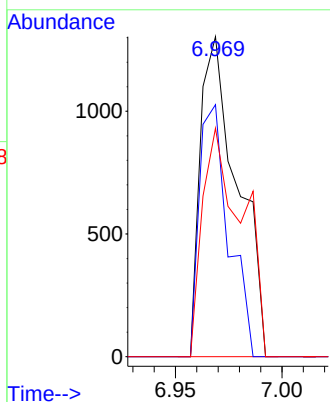
Instrument :
BNA_F
ClientSampleId :
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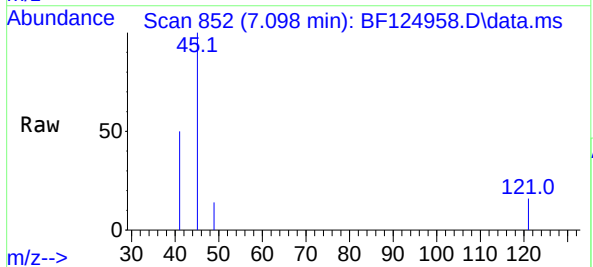
Tgt Ion: 79 Resp: 1583
Ion Ratio Lower Upper
79 100
108 78.8 60.4 90.6
77 71.4 51.5 77.3

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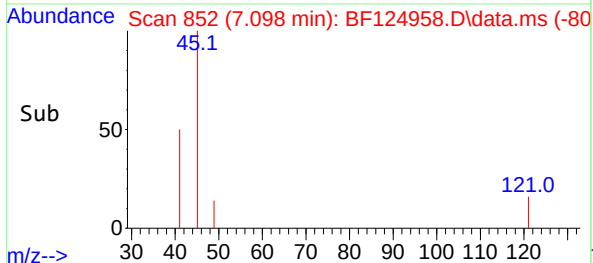
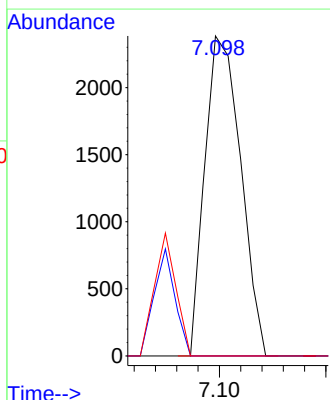
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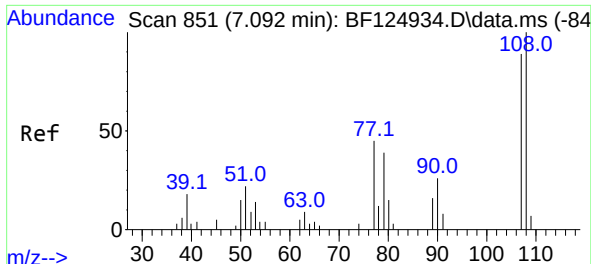


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.476 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



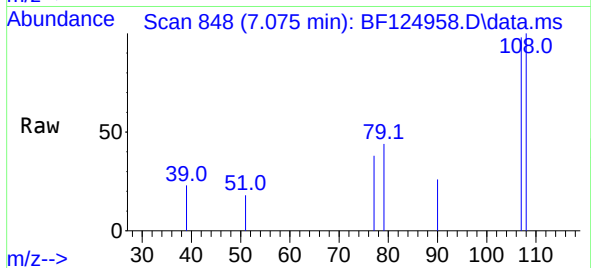
Tgt Ion: 45 Resp: 2784
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 27.5





#17
2-Methylphenol
Concen: 4.286 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

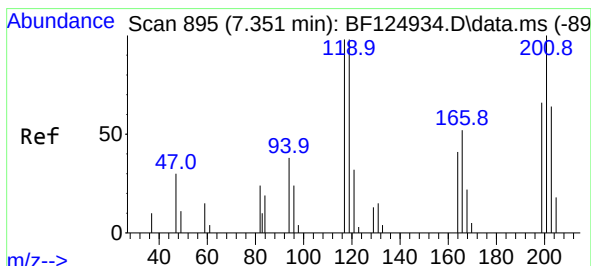
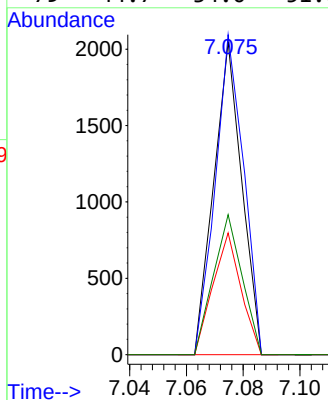
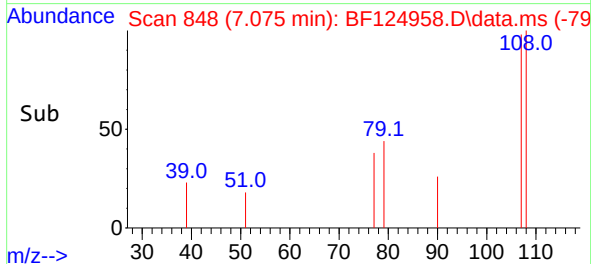
Instrument :
BNA_F
ClientSampleId :
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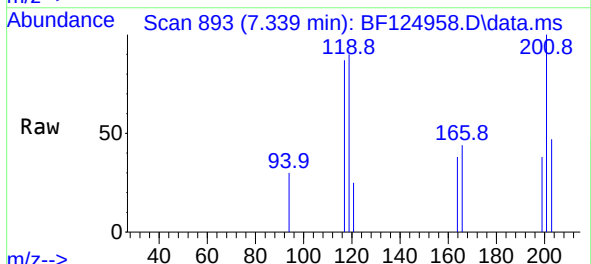
Tgt Ion:	107	Resp:	1400
Ion	Ratio	Lower	Upper
107	100		
108	102.3	90.6	135.8
77	38.9	35.7	53.5
79	44.7	34.0	51.0

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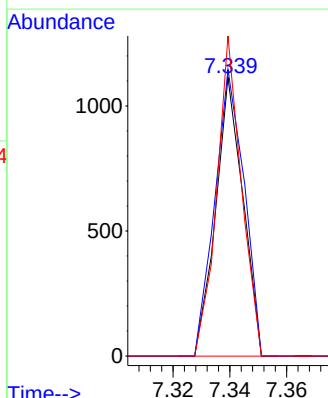
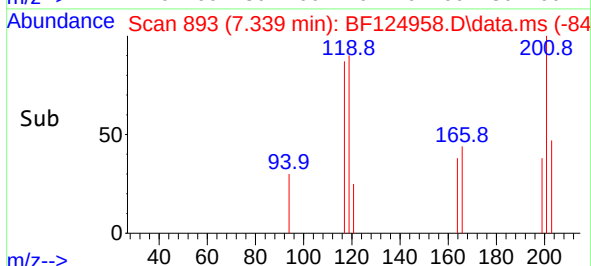
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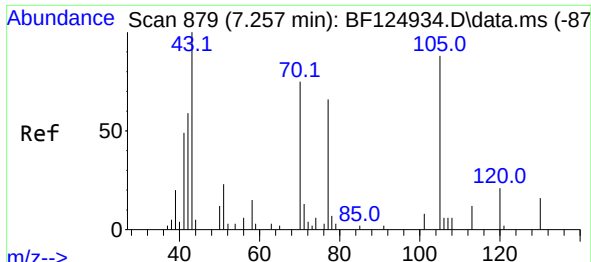


#18
Hexachloroethane
Concen: 3.976 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion:	117	Resp:	739
Ion	Ratio	Lower	Upper
117	100		
119	102.9	73.4	110.2
201	114.9	64.9	97.3#





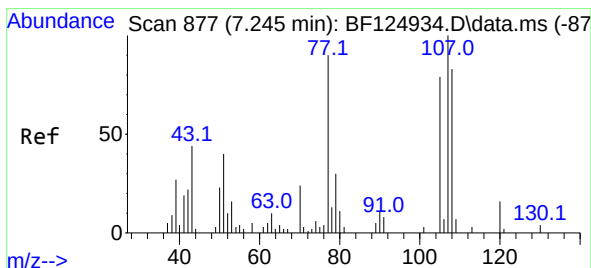
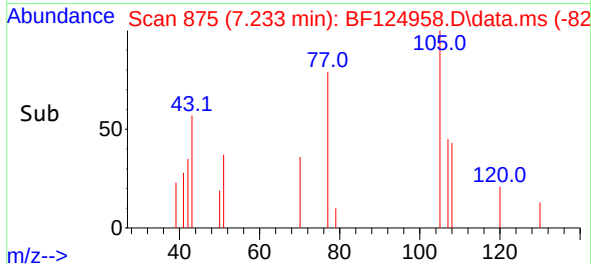
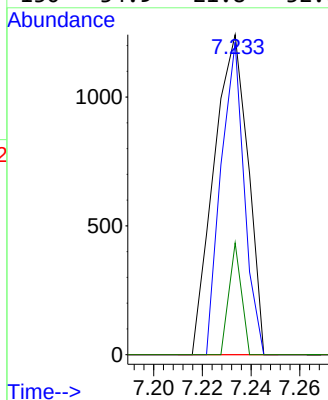
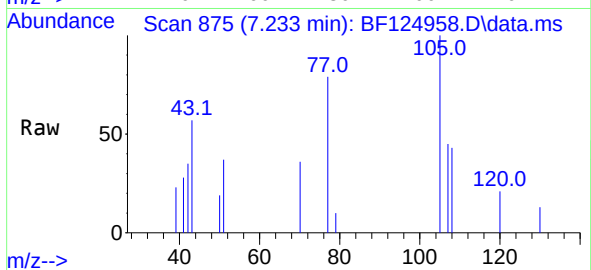
#19
n-Nitroso-di-n-propylamine
Concen: 4.042 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	70	Resp:	1203
Ion	Ratio	Lower	Upper
70	100		
42	97.7	72.2	108.2
101	0.0	7.8	11.8#
130	34.9	21.8	32.6#

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

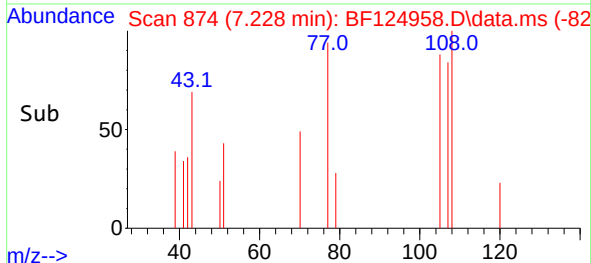
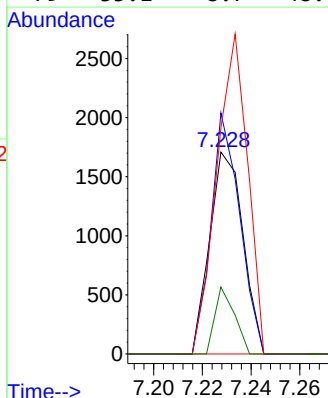
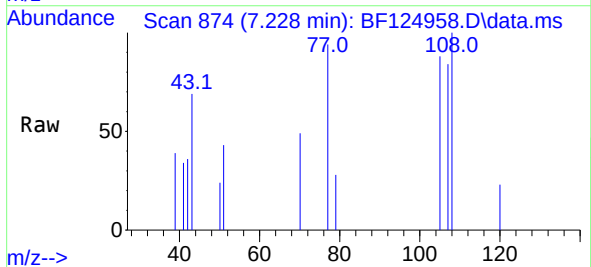
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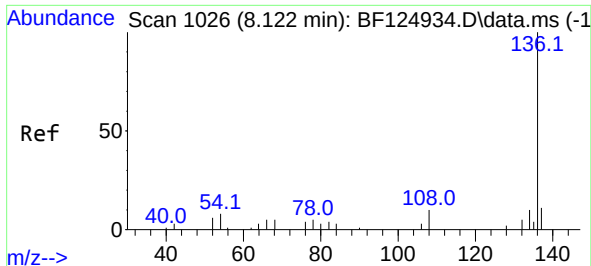
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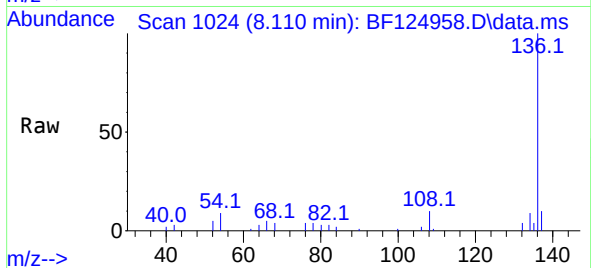
#20
3+4-Methylphenols
Concen: 3.743 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	107	Resp:	1623
Ion	Ratio	Lower	Upper
107	100		
108	119.4	76.6	116.6#
77	112.0	53.3	93.3#
79	33.1	8.7	48.7



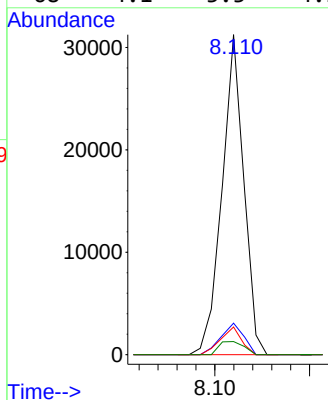
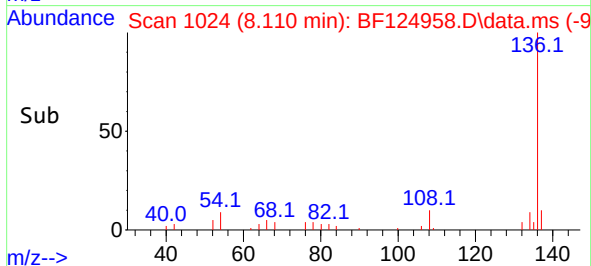


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion:136 Resp: 24956

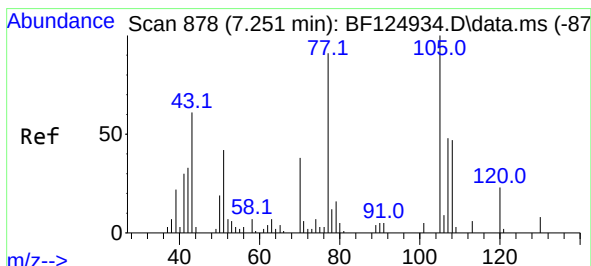
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.6
54	8.6	6.4	9.6
68	4.1	3.3	4.9



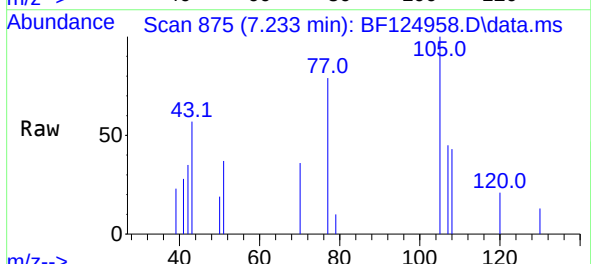
Instrument :
BNA_F
ClientSampleId :
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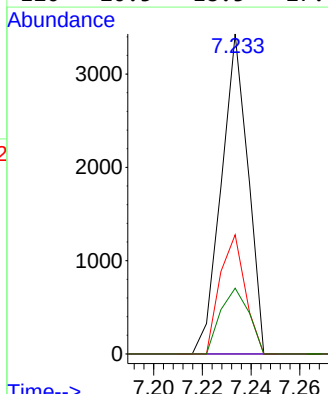
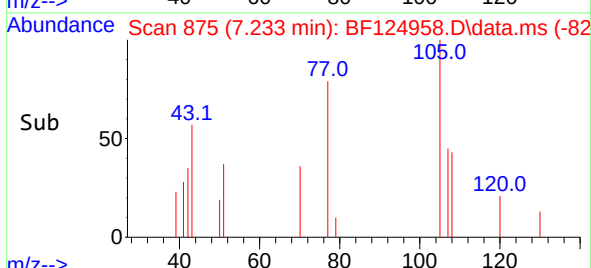


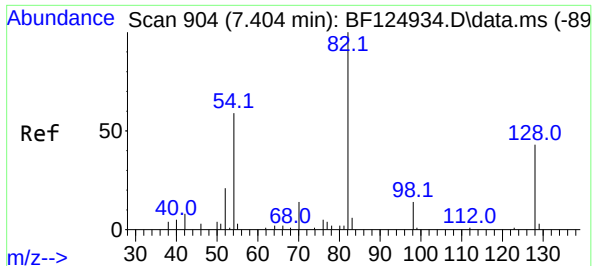
#22
Acetophenone
Concen: 4.261 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion:105 Resp: 2604

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	37.2	26.0	39.0
120	20.5	18.5	27.7





#23

Nitrobenzene-d5

Concen: 70.514 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion:	82	Resp:	33639
Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.6	60.8
54	55.8	49.6	74.4

Instrument :

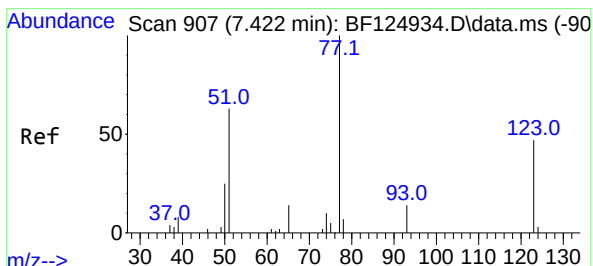
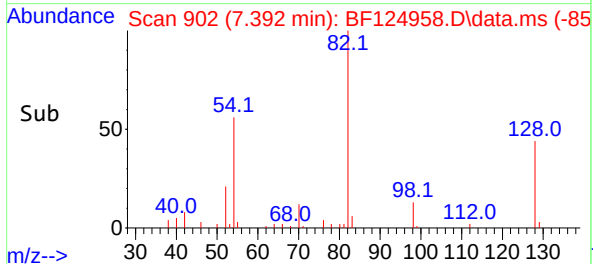
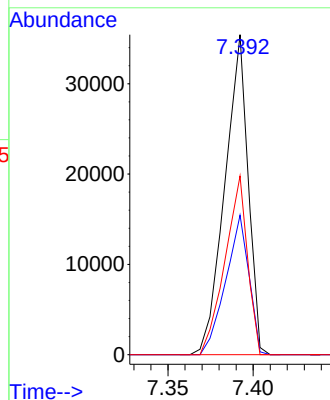
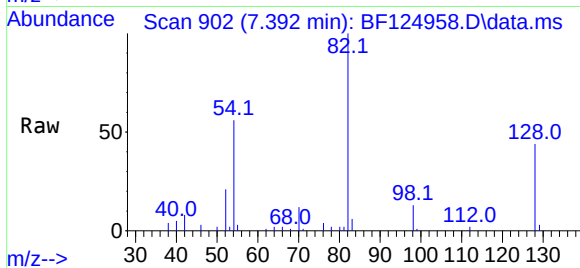
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ClientSampleId :

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#24

Nitrobenzene

Concen: 3.971 ng

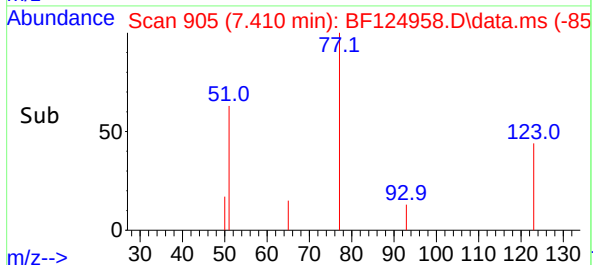
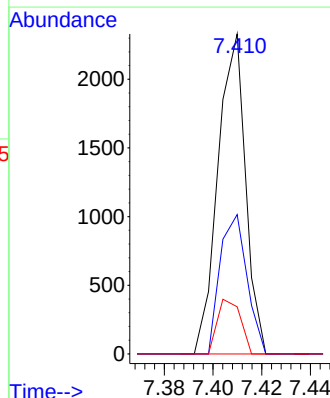
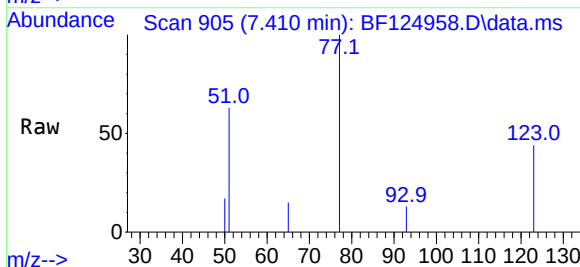
RT: 7.410 min Scan# 905

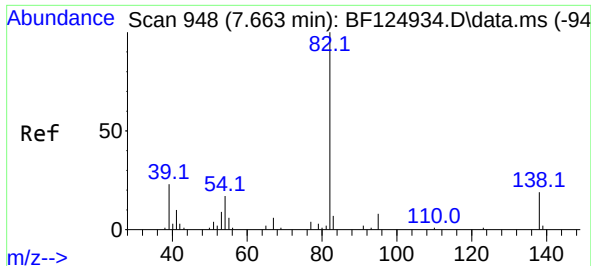
Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion:	77	Resp:	1833
Ion	Ratio	Lower	Upper
77	100		
123	43.6	42.3	63.5
65	14.8	12.4	18.6





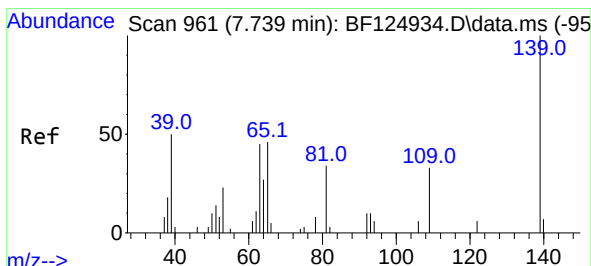
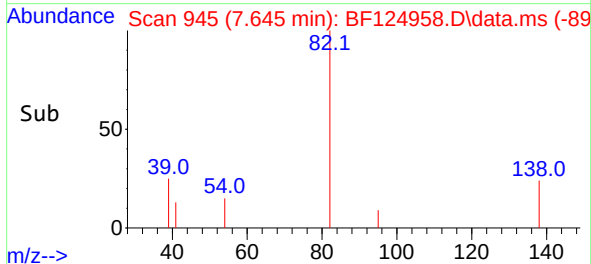
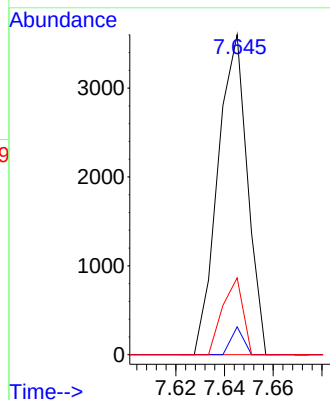
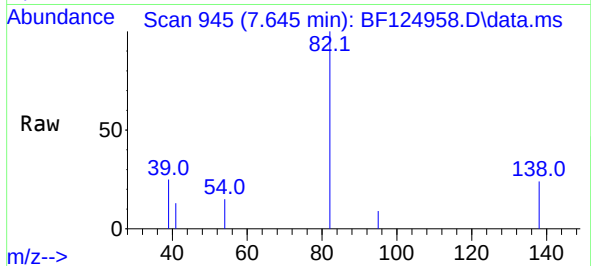
#25
Isophorone
Concen: 3.735 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	82	Resp:	3041
Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.5	9.7
138	24.0	18.4	27.6

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

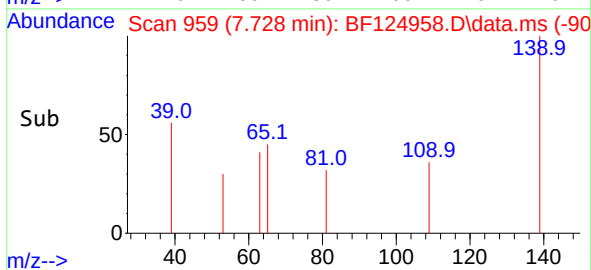
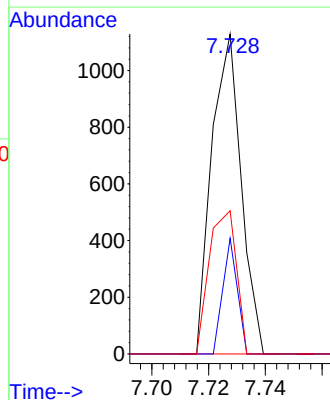
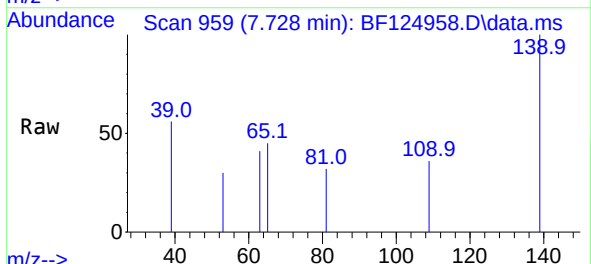
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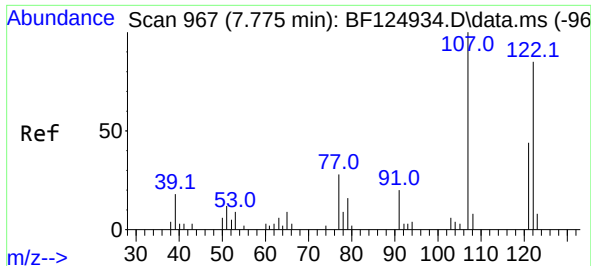
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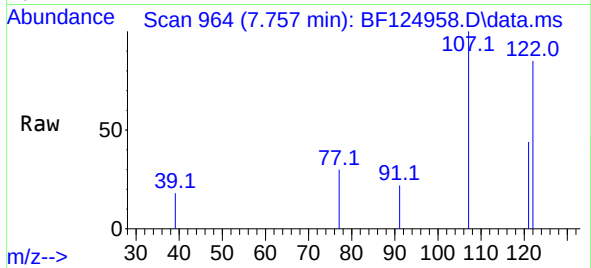
#26
2-Nitrophenol
Concen: 3.455 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	139	Resp:	810
Ion	Ratio	Lower	Upper
139	100		
109	36.1	26.0	39.0
65	44.7	31.0	46.4

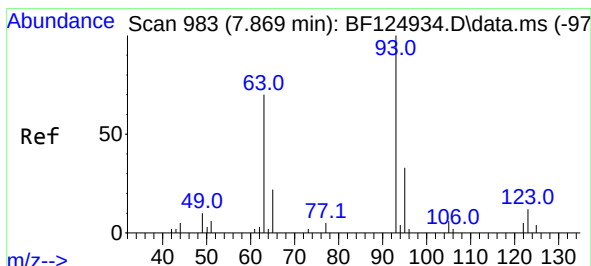
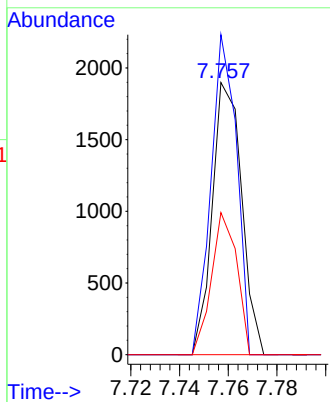
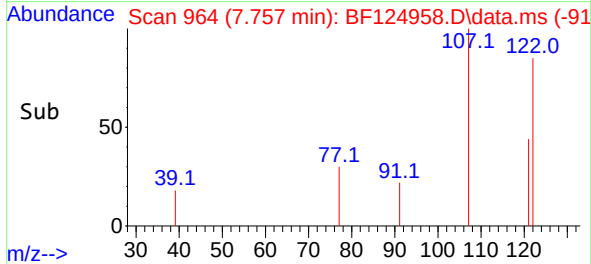




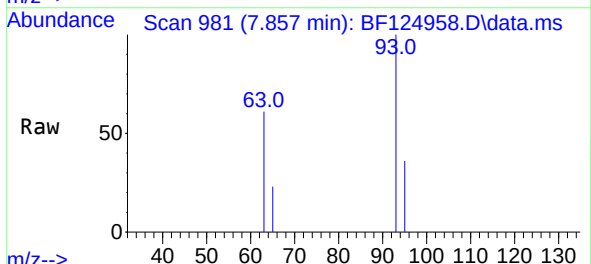
#27
2,4-Dimethylphenol
Concen: 4.785 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



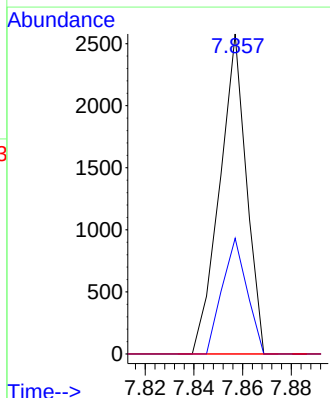
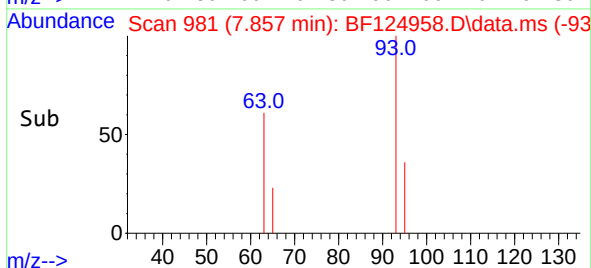
Tgt Ion:122 Resp: 1590
Ion Ratio Lower Upper
122 100
107 117.6 85.0 127.6
121 52.2 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.240 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



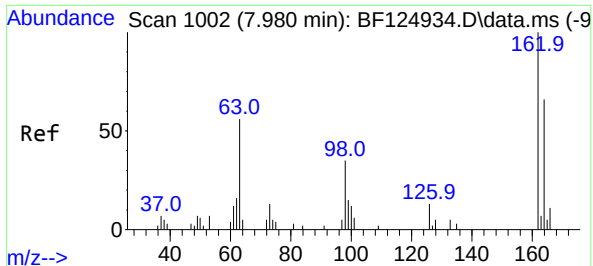
Tgt Ion: 93 Resp: 1965
Ion Ratio Lower Upper
93 100
95 36.2 26.1 39.1
123 0.0 11.7 17.5#



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

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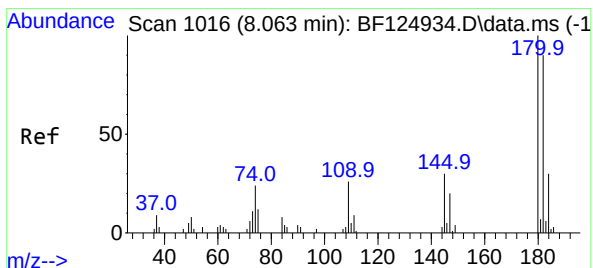
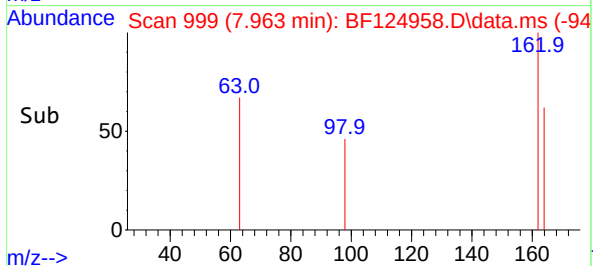
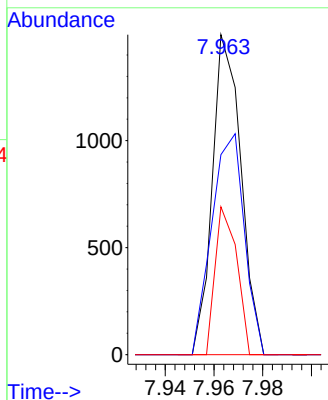
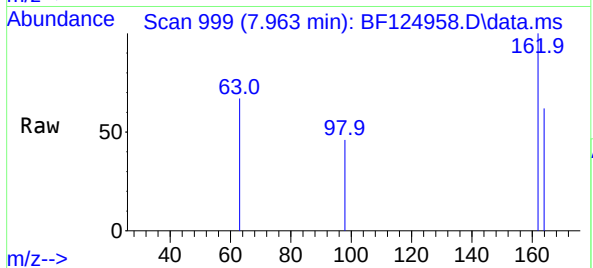
#29
2,4-Dichlorophenol
Concen: 3.301 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	162	Resp:	1222
Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.5	84.5
98	46.2	13.0	53.0

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

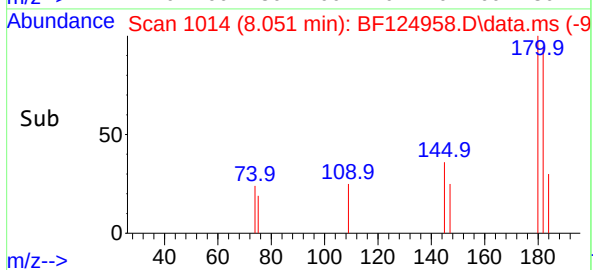
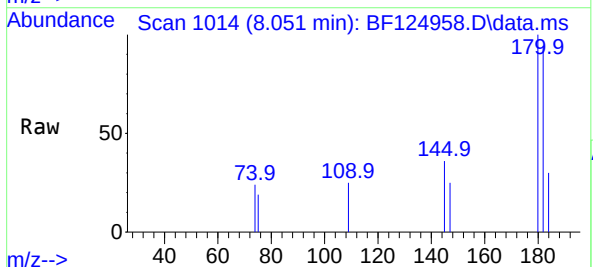
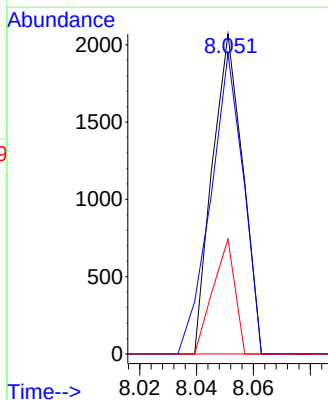
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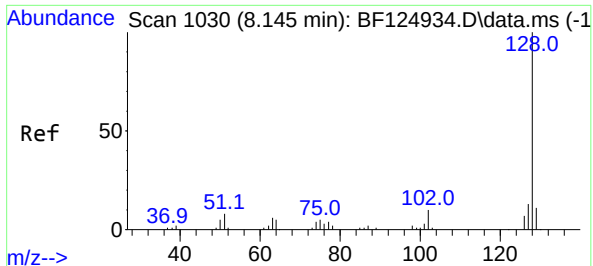
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 3.712 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

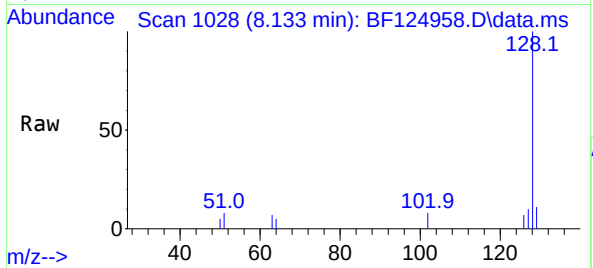
Tgt Ion:	180	Resp:	1540
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	35.9	26.7	40.1





#31
Naphthalene
Concen: 4.116 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

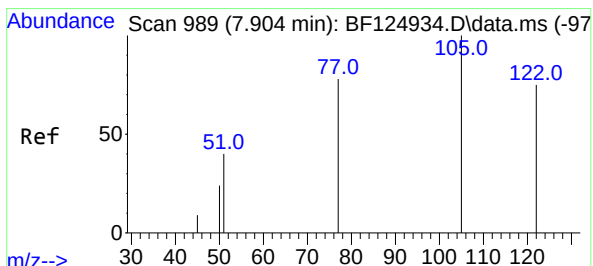
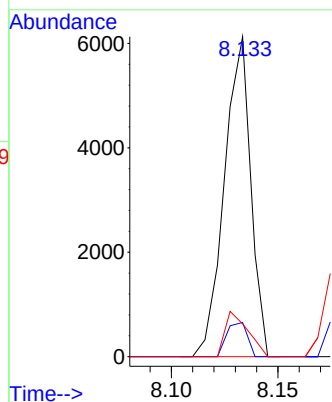
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



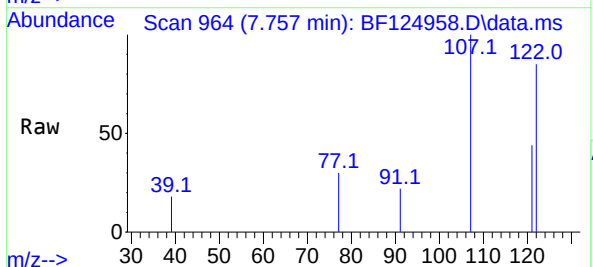
Tgt Ion:128 Resp: 5277
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 10.2 10.9 16.3#

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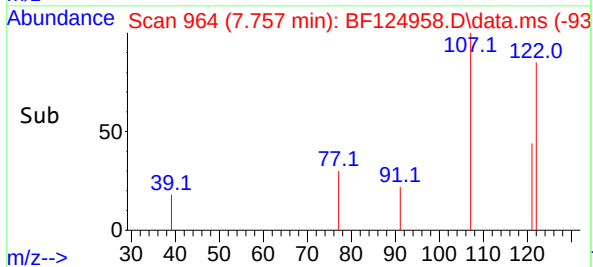
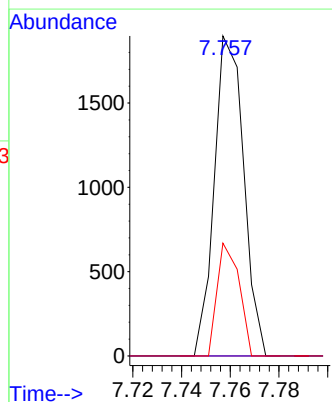
mohammad
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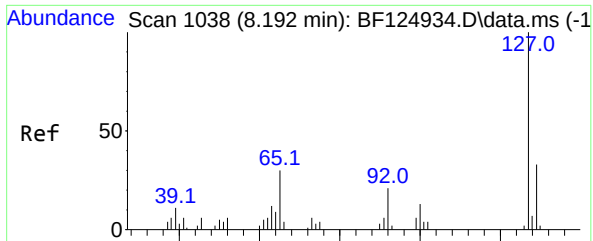


#32
Benzoic acid
Concen: 14.262 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.141 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



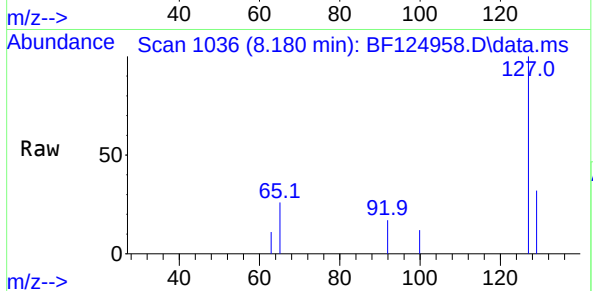
Tgt Ion:122 Resp: 1590
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 35.2 59.6 99.6#





#33
4-Chloroaniline
Concen: 4.380 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

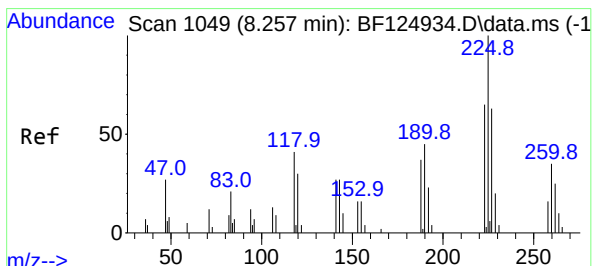
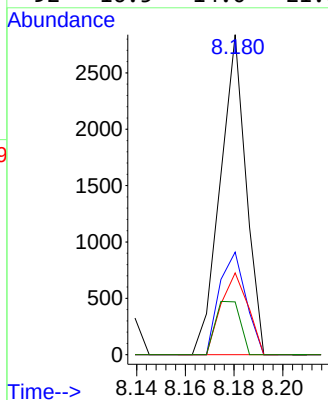
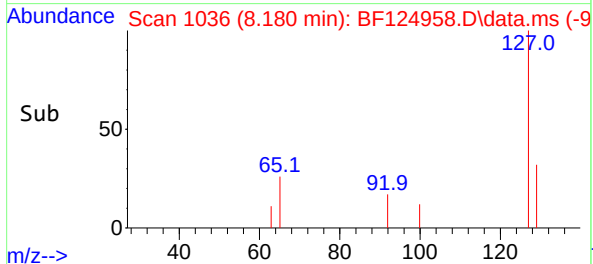
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



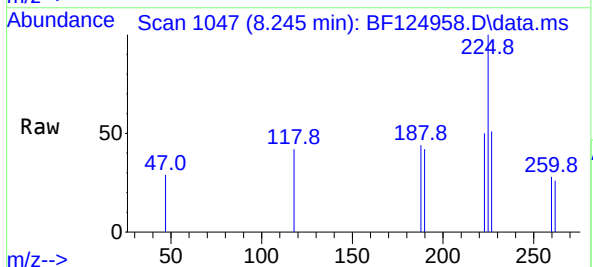
Tgt Ion:	127	Resp:	2093
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	25.5	21.2	31.8
92	16.5	14.0	21.0

Manual Integrations
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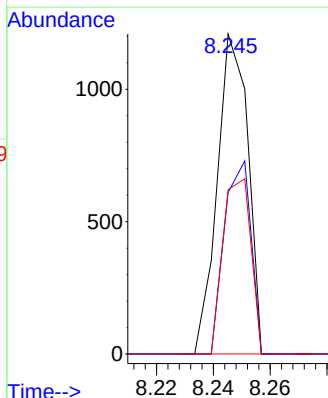
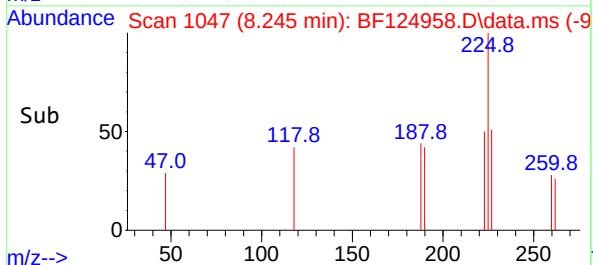
mohammad
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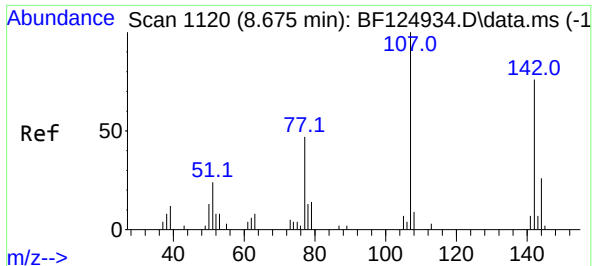


#34
Hexachlorobutadiene
Concen: 3.653 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



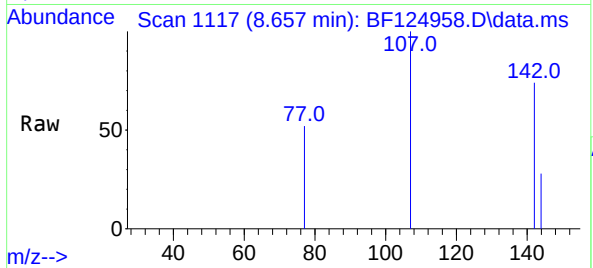
Tgt Ion:	225	Resp:	905
Ion	Ratio	Lower	Upper
225	100		
223	50.5	50.6	76.0#
227	51.4	50.6	75.8





#36
4-Chloro-3-methylphenol
Concen: 3.143 ng
RT: 8.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

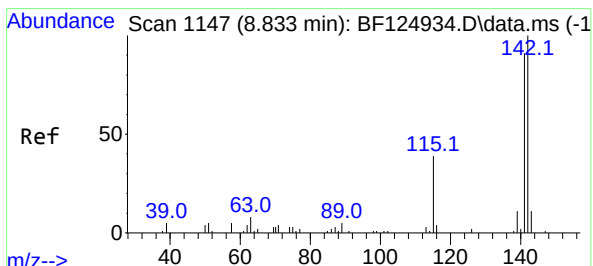
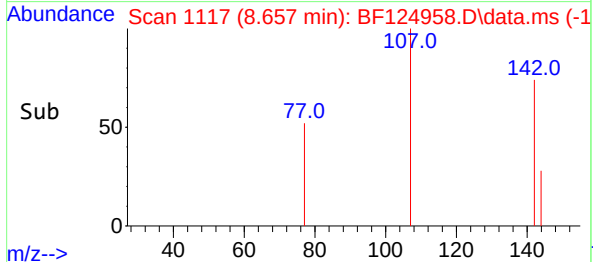
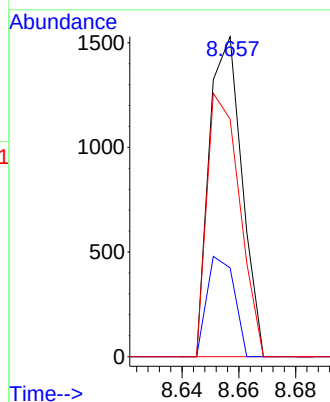
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:107 Resp: 1217
Ion Ratio Lower Upper
107 100
144 27.7 21.9 32.9
142 74.2 67.1 100.7

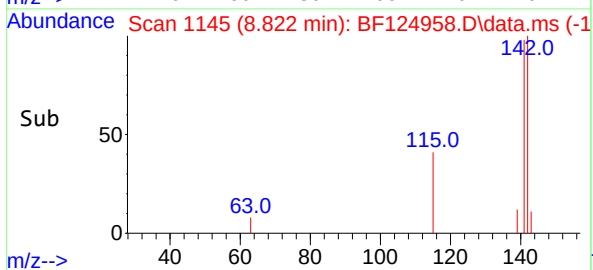
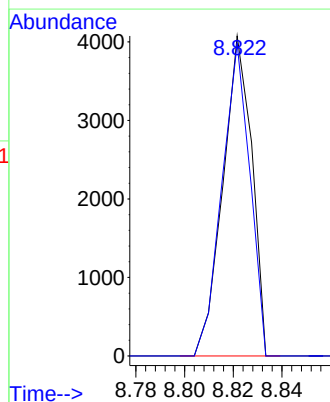
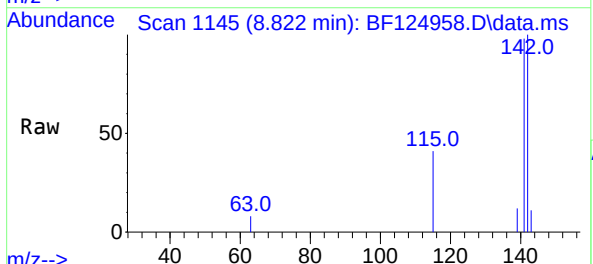
Manual Integrations
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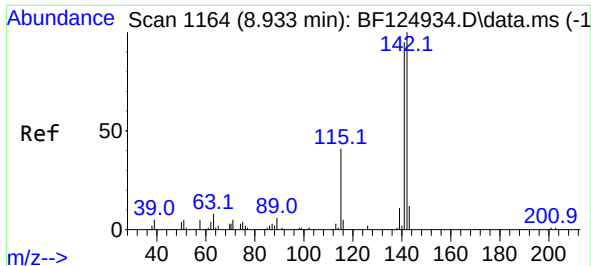
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#37
2-Methylnaphthalene
Concen: 3.902 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:142 Resp: 3364
Ion Ratio Lower Upper
142 100
141 97.6 71.2 106.8





#38

1-Methylnaphthalene

Concen: 3.912 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion:142 Resp: 3156

Ion Ratio Lower Upper

142 100

141 95.7 76.0 114.0

Instrument :

BNA_F

ClientSampleId :

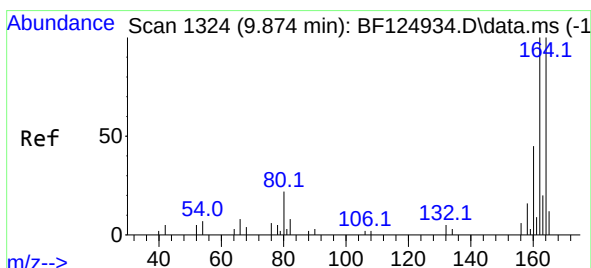
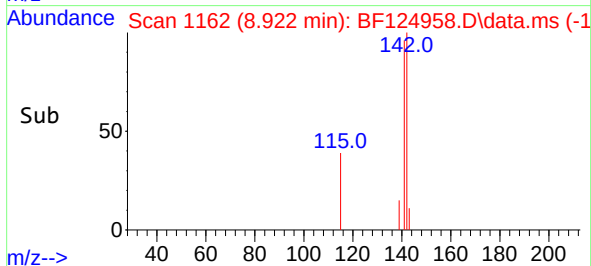
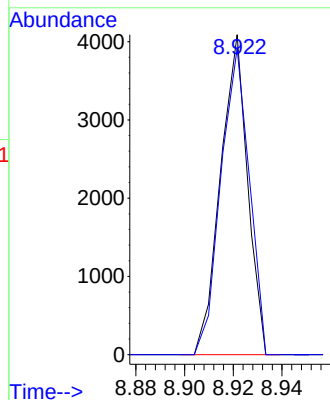
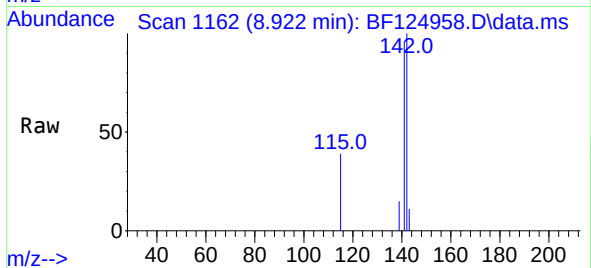
MDL-SOIL-03-QT2-2021

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

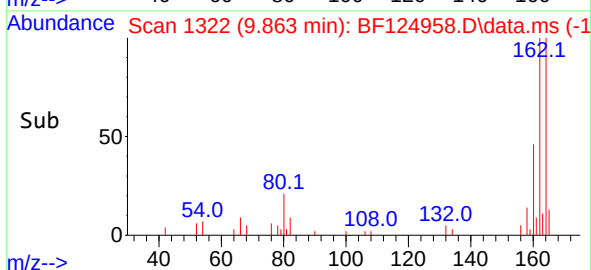
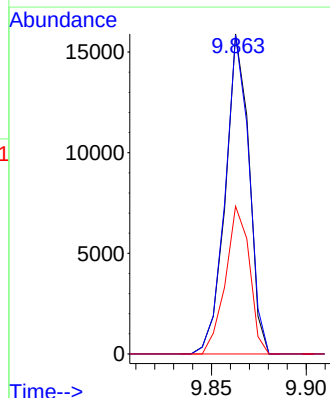
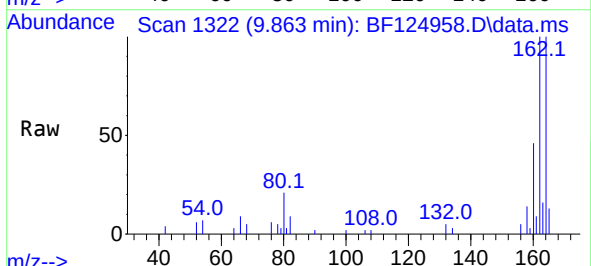
Tgt Ion:164 Resp: 13778

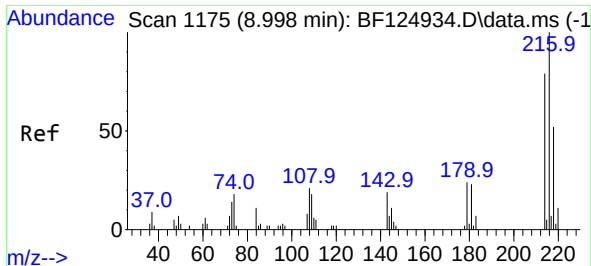
Ion Ratio Lower Upper

164 100

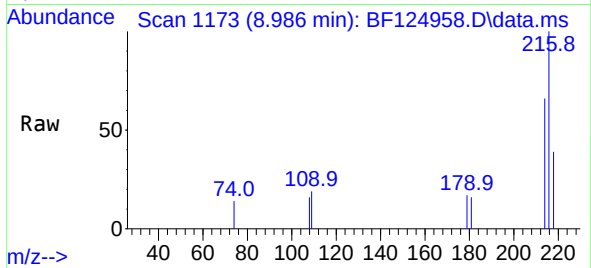
162 99.7 81.3 121.9

160 46.1 38.0 57.0

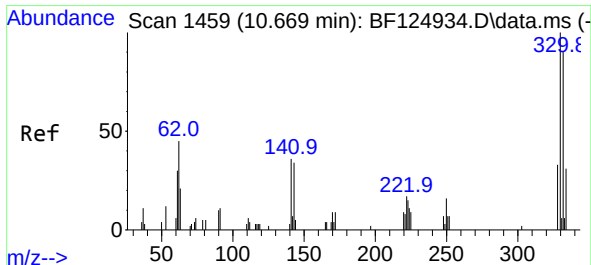
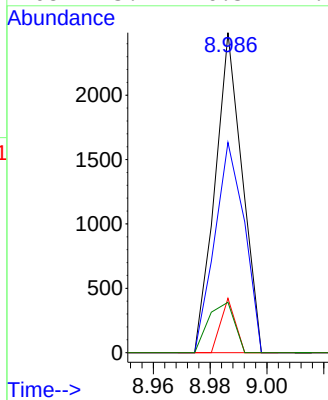
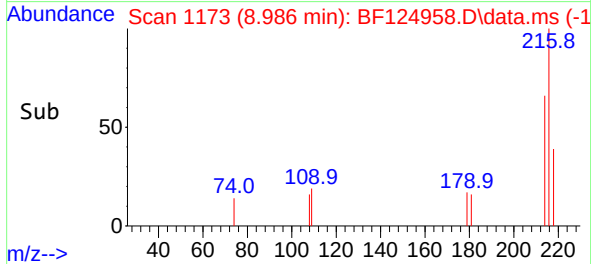




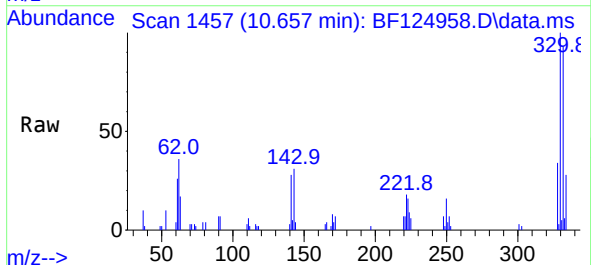
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.165 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



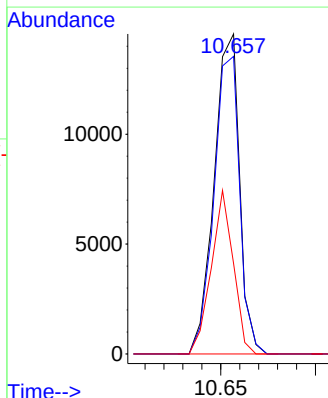
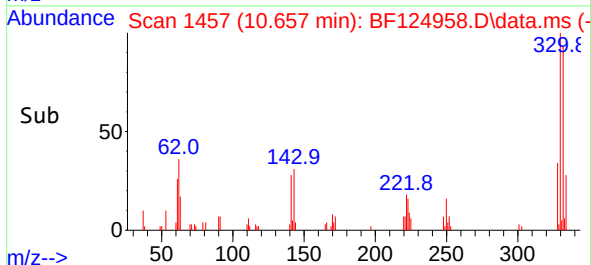
Tgt Ion: 216 Resp: 1647
Ion Ratio Lower Upper
216 100
214 71.9 64.9 97.3
179 9.0 17.4 26.2#
108 15.1 16.5 24.7#



#42
2,4,6-Tribromophenol
Concen: 110.356 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



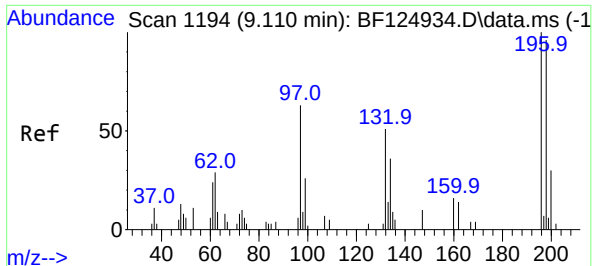
Tgt Ion: 330 Resp: 13584
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 44.3 44.6 66.8#



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

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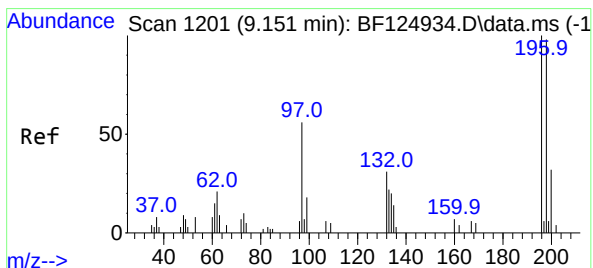
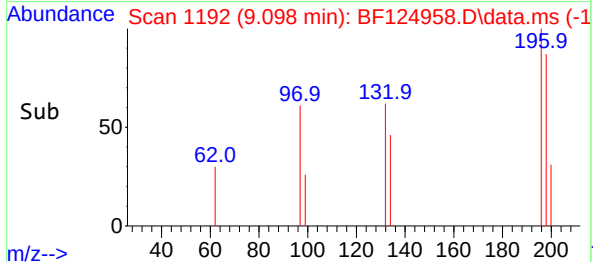
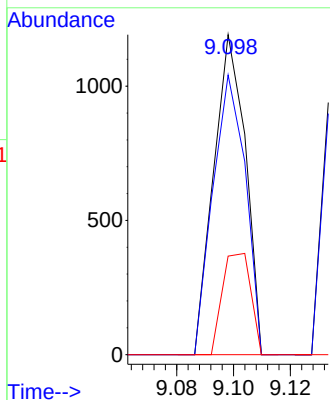
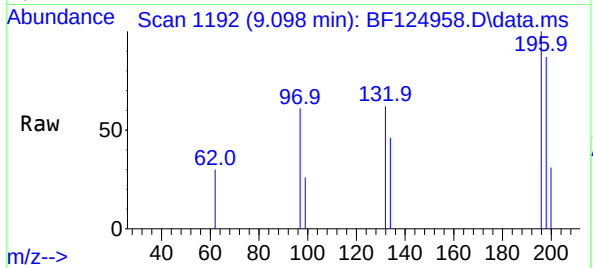
#43
2,4,6-Trichlorophenol
Concen: 3.514 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:196 Resp: 925
Ion Ratio Lower Upper
196 100
198 87.4 74.9 112.3
200 30.8 27.0 40.4

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

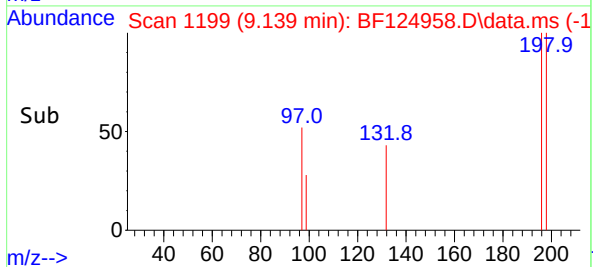
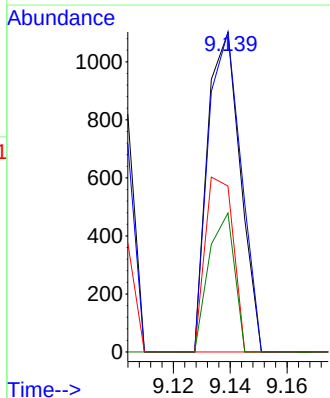
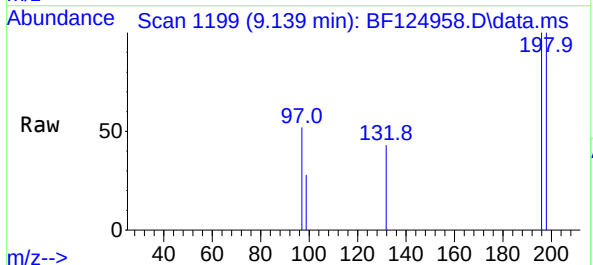
Manual Integrations
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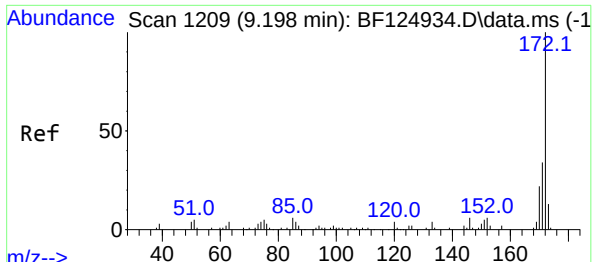
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#44
2,4,5-Trichlorophenol
Concen: 3.306 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:196 Resp: 881
Ion Ratio Lower Upper
196 100
198 100.2 80.2 120.2
97 52.0 44.0 66.0
132 43.5 25.4 38.0#





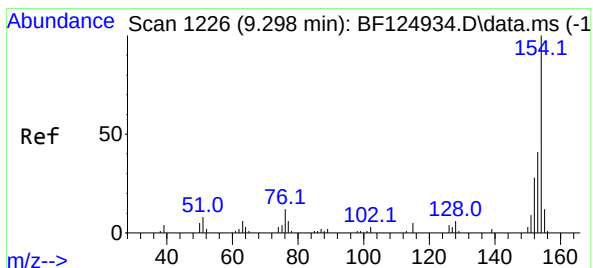
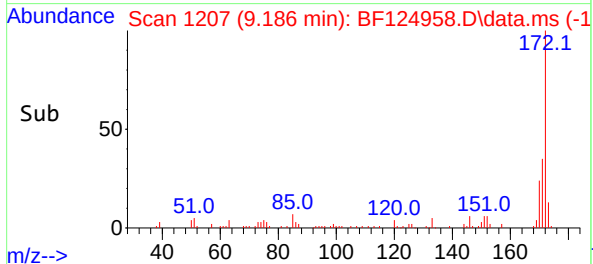
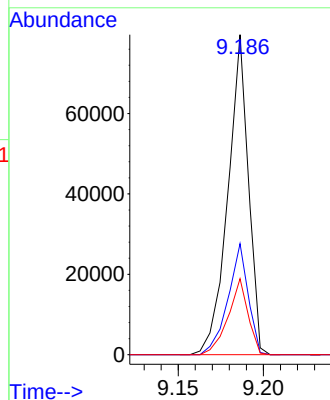
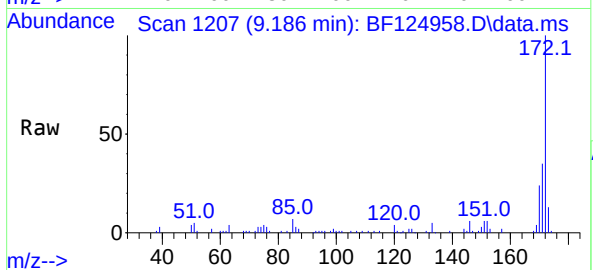
#45
2-Fluorobiphenyl
Concen: 70.796 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:172 Resp: 66662
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.7 18.8 28.2

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

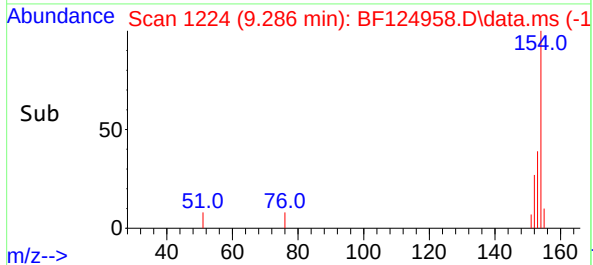
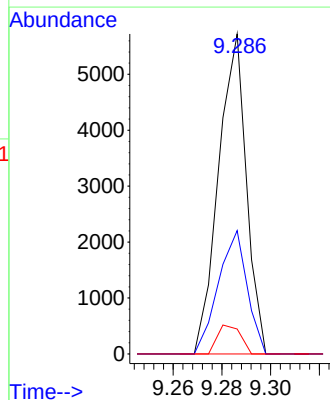
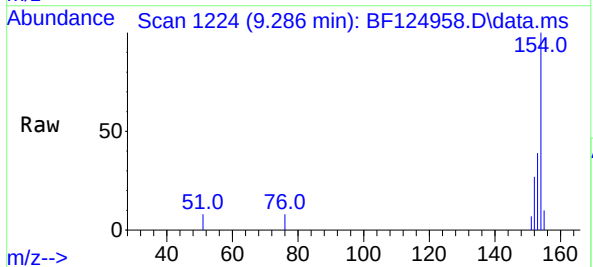
Manual Integrations
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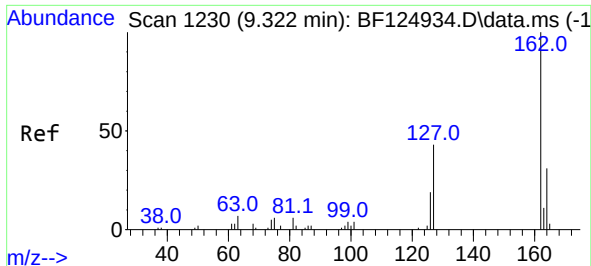
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#46
1,1'-Biphenyl
Concen: 4.422 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

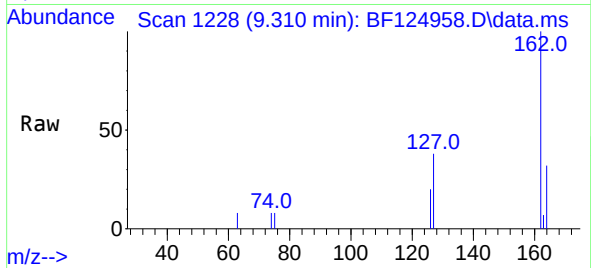
Tgt Ion:154 Resp: 4540
Ion Ratio Lower Upper
154 100
153 38.5 20.0 60.0
76 7.8 0.0 30.3





#47
2-Chloronaphthalene
Concen: 3.839 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

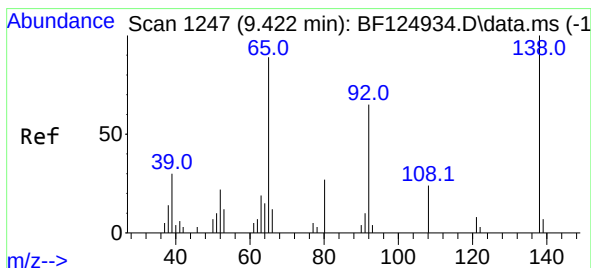
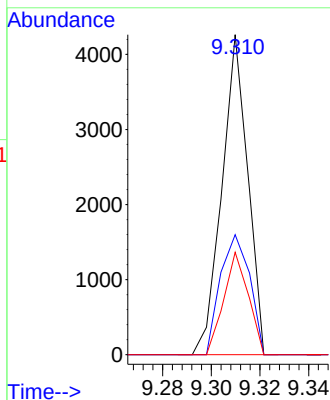
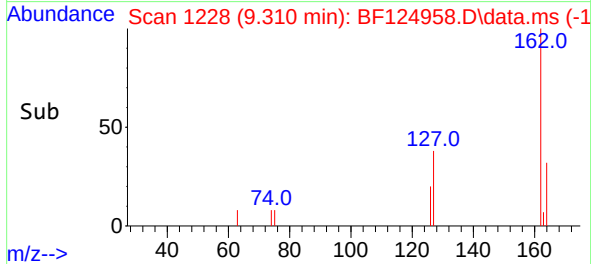
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



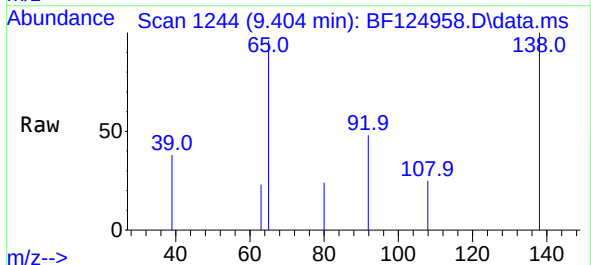
Tgt Ion:162 Resp: 3136
Ion Ratio Lower Upper
162 100
127 37.5 33.0 49.4
164 32.0 25.8 38.8

Manual Integrations
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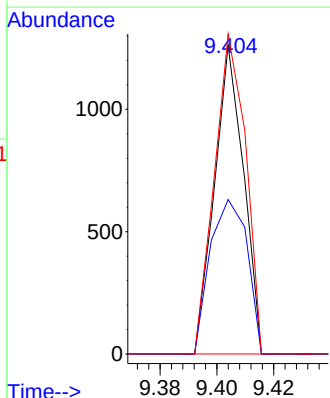
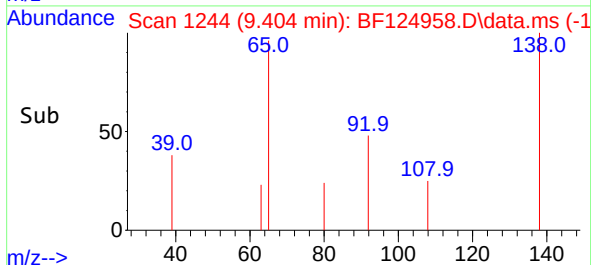
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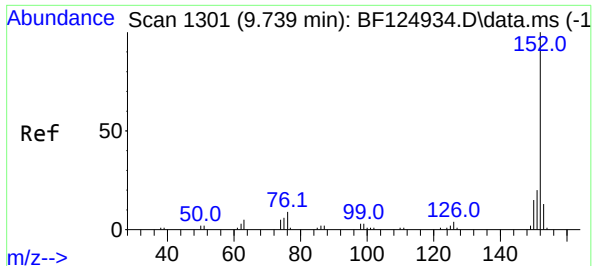


#48
2-Nitroaniline
Concen: 3.722 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion: 65 Resp: 893
Ion Ratio Lower Upper
65 100
92 50.0 55.5 83.3#
138 103.6 93.5 140.3





#49

Acenaphthylene

Concen: 4.220 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

Tgt Ion:	152	Resp:	5236
Ion Ratio	Lower	Upper	
152	100		
151	17.2	15.7	23.5
153	12.2	9.8	14.8

Instrument :

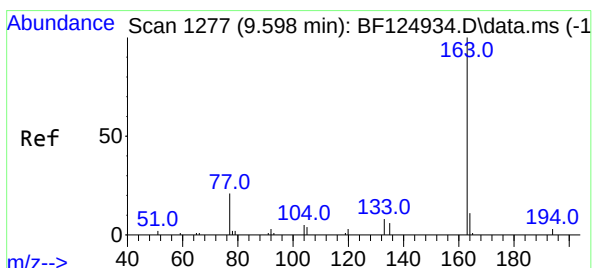
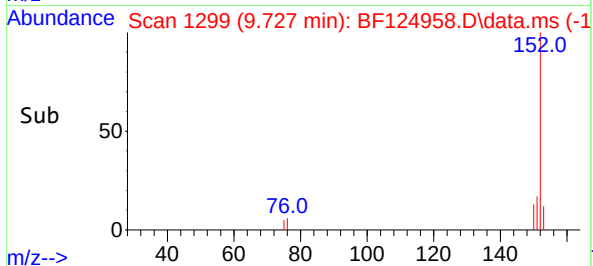
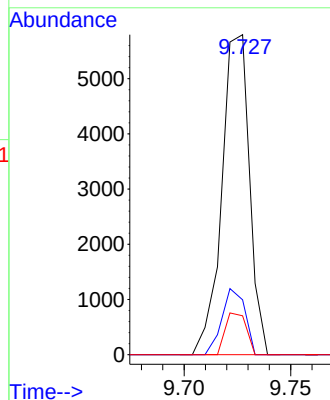
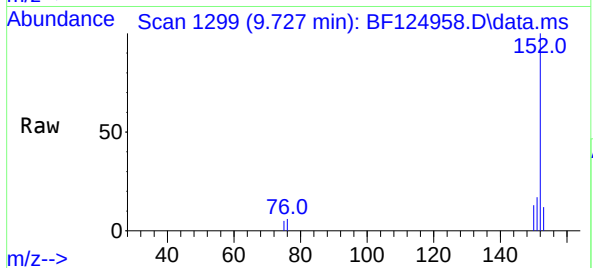
BNA_F

ClientSampleId :

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#50

Dimethylphthalate

Concen: 4.096 ng

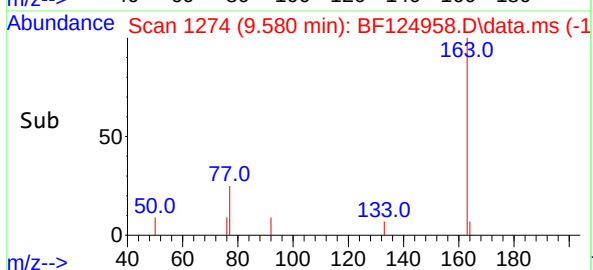
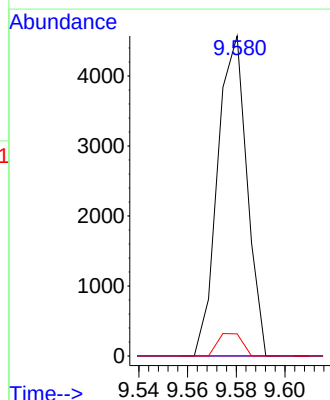
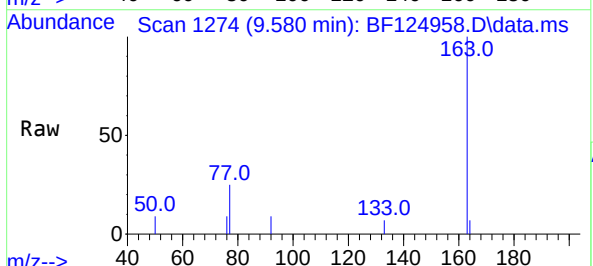
RT: 9.580 min Scan# 1274

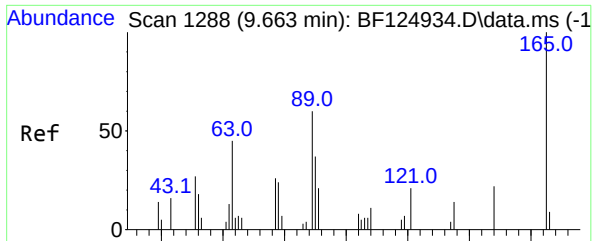
Delta R.T. -0.012 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:59

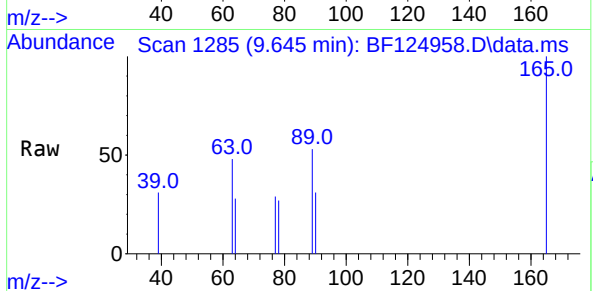
Tgt Ion:	163	Resp:	3824
Ion Ratio	Lower	Upper	
163	100		
194	0.0	2.6	3.8#
164	6.9	7.4	11.0#





#51
2,6-Dinitrotoluene
Concen: 3.939 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

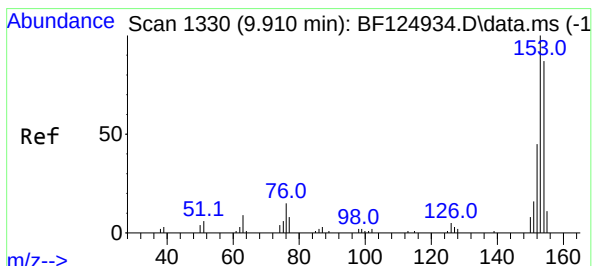
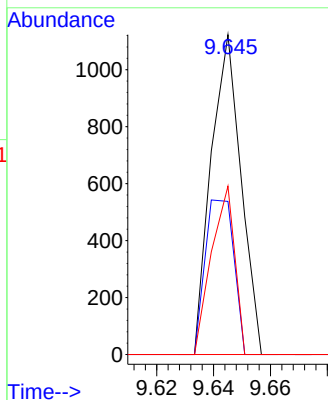
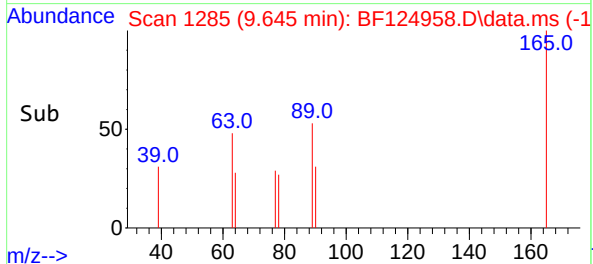
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



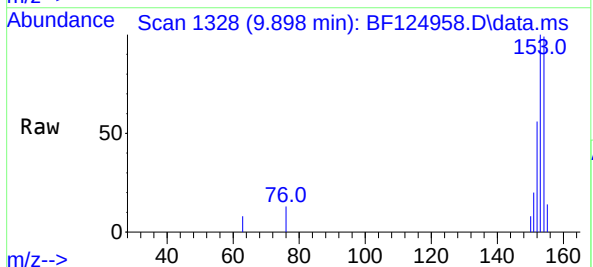
Tgt Ion:165 Resp: 819
Ion Ratio Lower Upper
165 100
63 47.9 42.6 63.8
89 52.6 40.6 60.8

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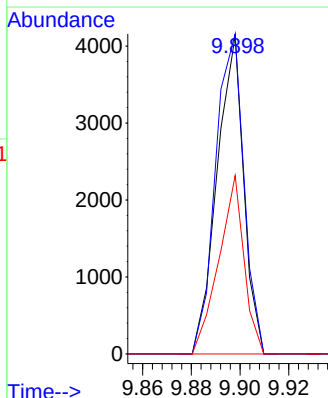
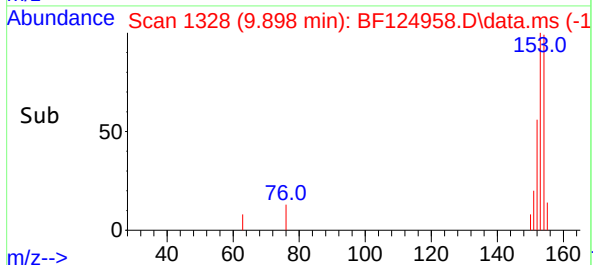
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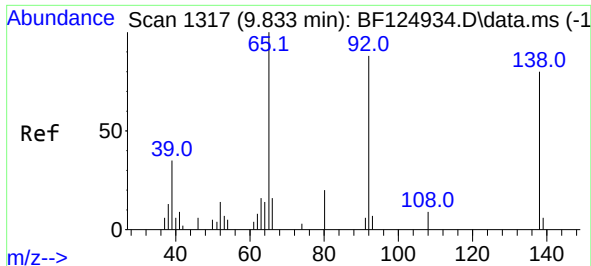


#52
Acenaphthene
Concen: 4.185 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

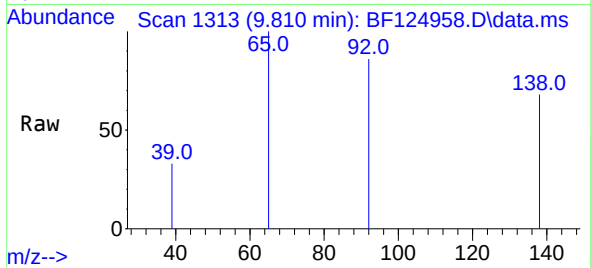


Tgt Ion:154 Resp: 3148
Ion Ratio Lower Upper
154 100
153 100.6 89.4 134.2
152 56.1 40.5 60.7

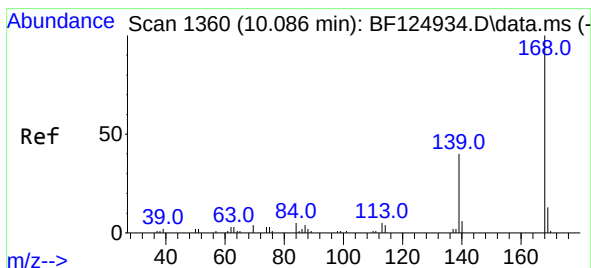
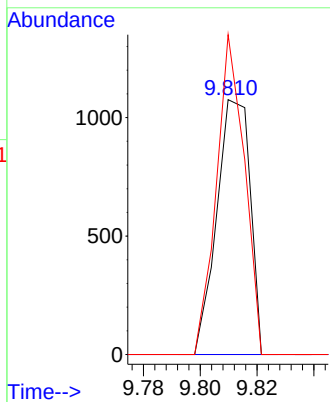
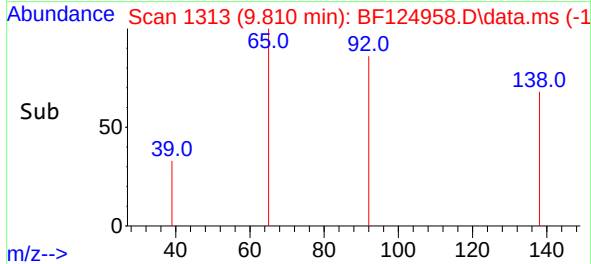




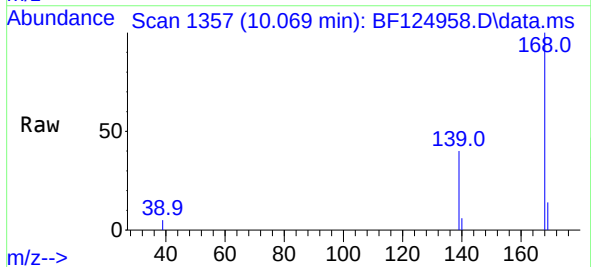
#53
3-Nitroaniline
Concen: 4.009 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



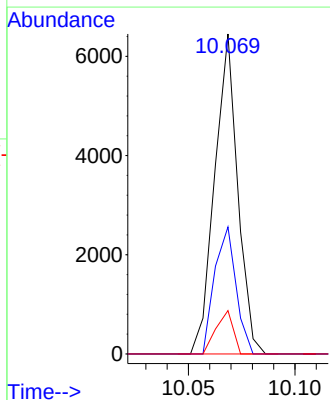
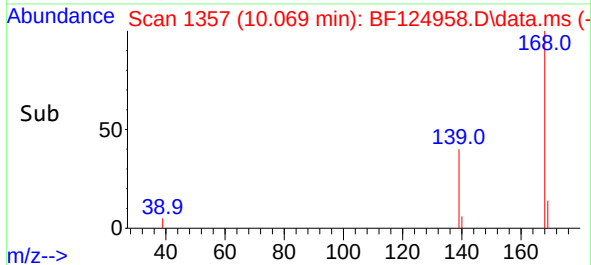
Tgt Ion:138 Resp: 878
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 125.5 76.5 114.7#



#55
Dibenzofuran
Concen: 4.130 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



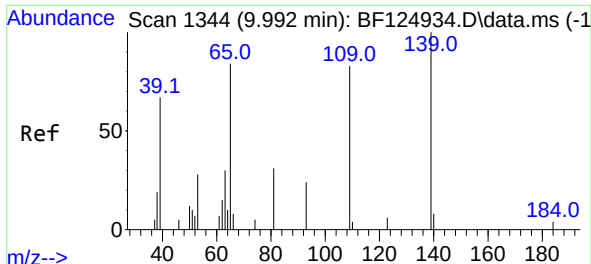
Tgt Ion:168 Resp: 4855
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1
169 13.5 11.2 16.8



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

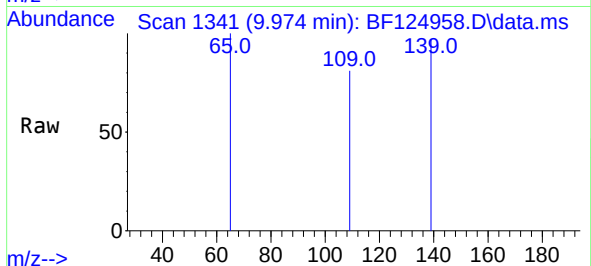
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#56
4-Nitrophenol
Concen: 2.778 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

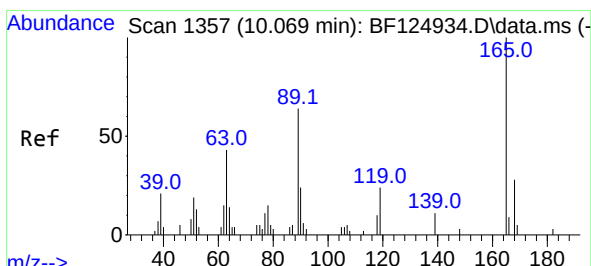
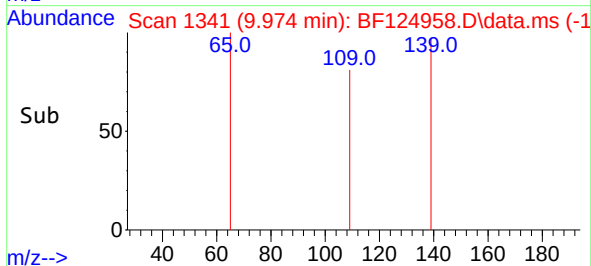
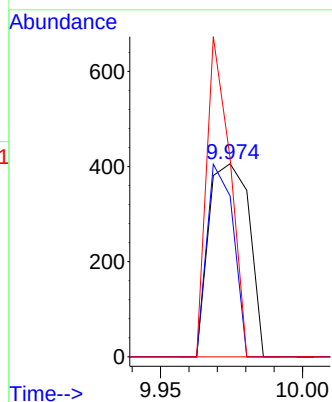
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



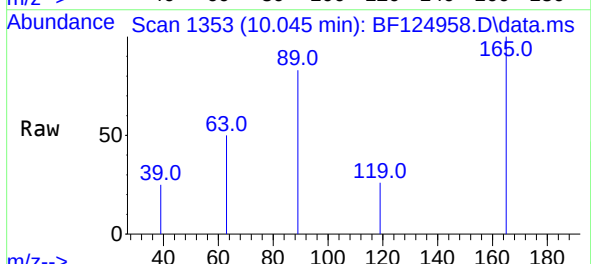
Tgt Ion:139 Resp: 401
Ion Ratio Lower Upper
139 100
109 83.3 60.4 100.4
65 102.7 58.4 98.4#

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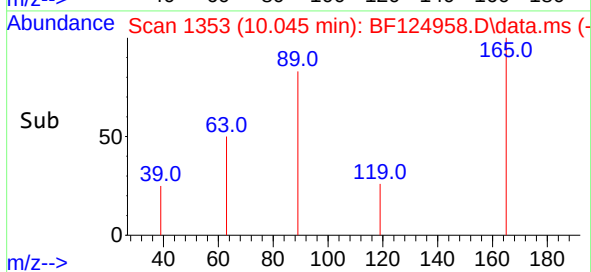
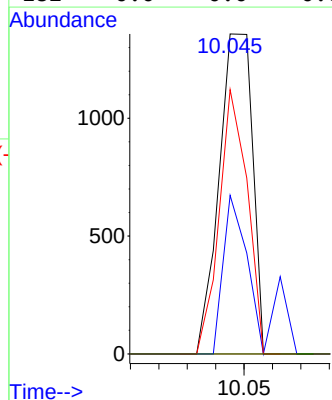
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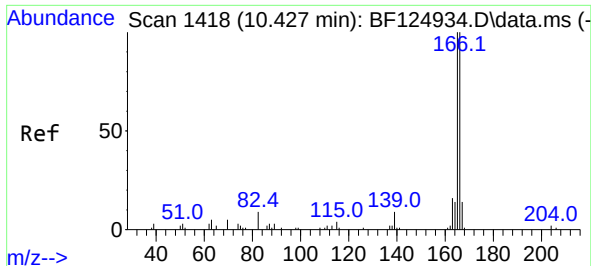


#57
2,4-Dinitrotoluene
Concen: 3.943 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



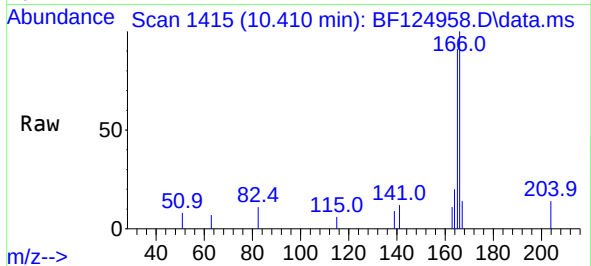
Tgt Ion:165 Resp: 1113
Ion Ratio Lower Upper
165 100
63 49.6 40.9 61.3
89 82.6 59.7 89.5
182 0.0 0.0 0.0





#58
Fluorene
Concen: 4.105 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

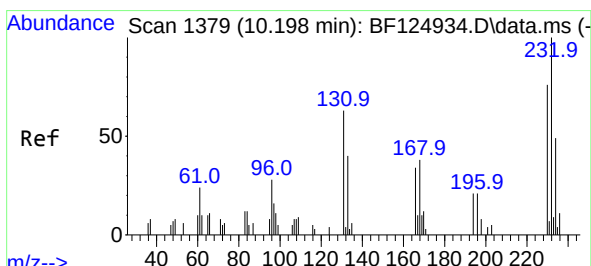
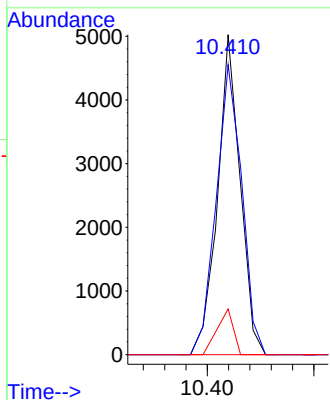
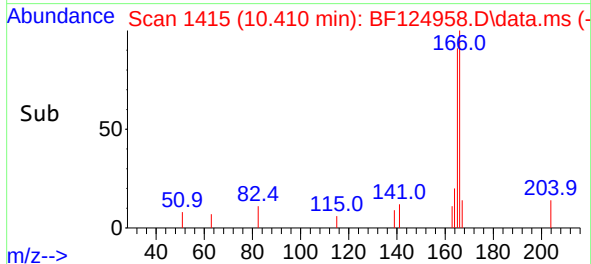
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



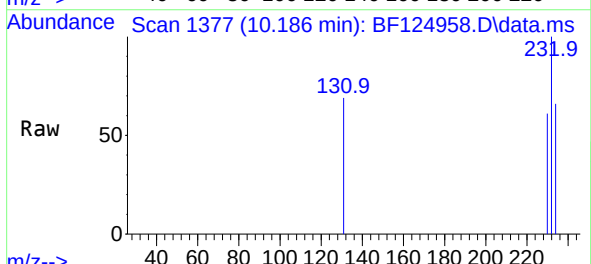
Tgt Ion:166 Resp: 3700
Ion Ratio Lower Upper
166 100
165 90.6 78.1 117.1
167 14.3 11.1 16.7

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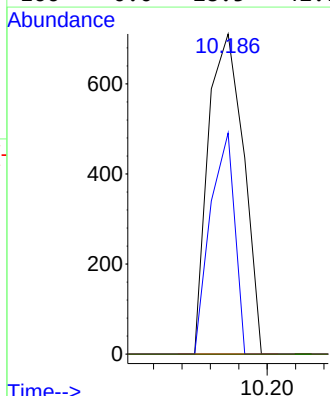
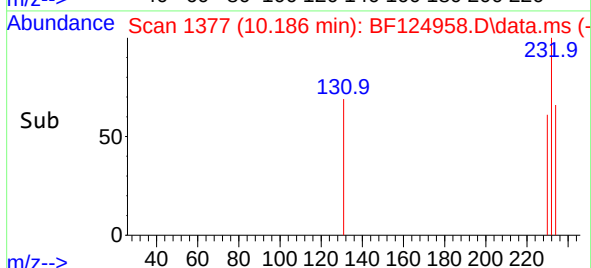
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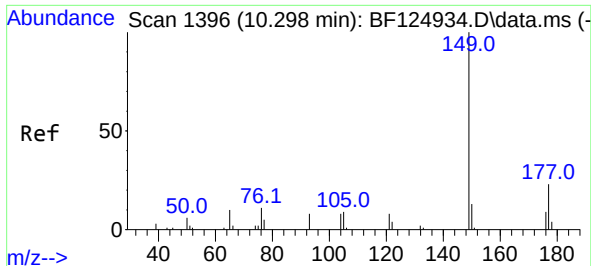


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.066 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion:232 Resp: 613
Ion Ratio Lower Upper
232 100
131 47.8 45.4 68.0
130 0.0 0.0 0.0
166 0.0 28.5 42.7#





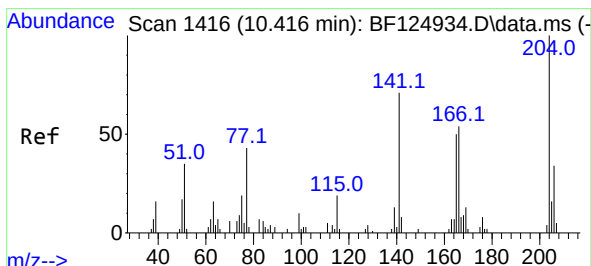
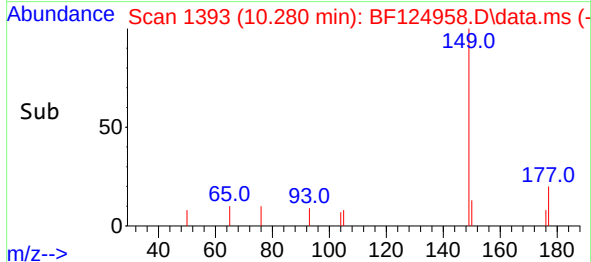
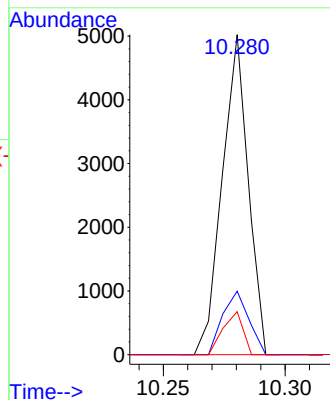
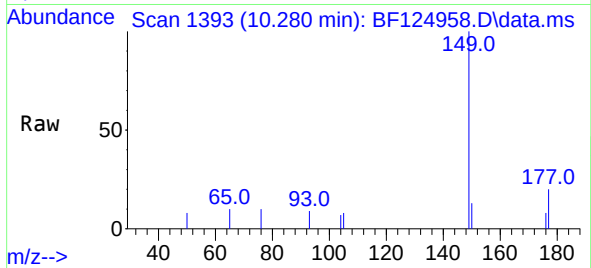
#60
Diethylphthalate
Concen: 3.882 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	149	Resp:	3720
Ion Ratio	Lower	Upper	
149	100		
177	19.9	16.5	24.7
150	13.5	10.1	15.1

Instrument :
BNA_F
ClientSampleId :
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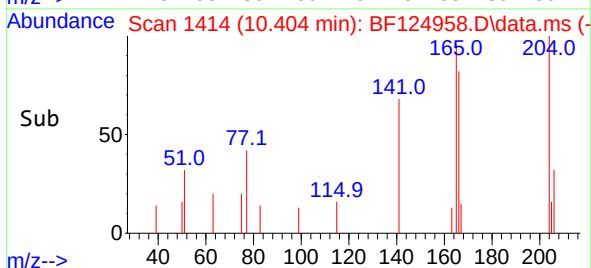
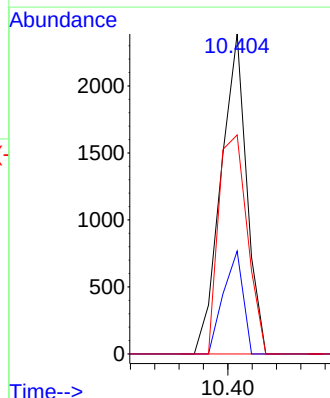
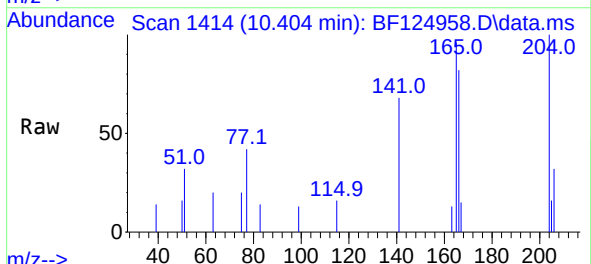
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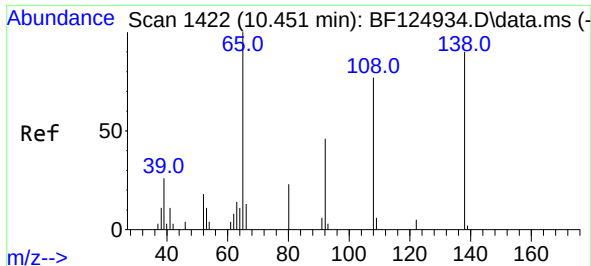
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#61
4-Chlorophenyl-phenylether
Concen: 4.118 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	204	Resp:	1753
Ion Ratio	Lower	Upper	
204	100		
206	32.1	27.6	41.4
141	68.5	58.6	88.0





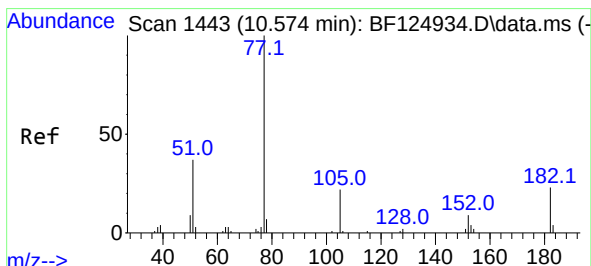
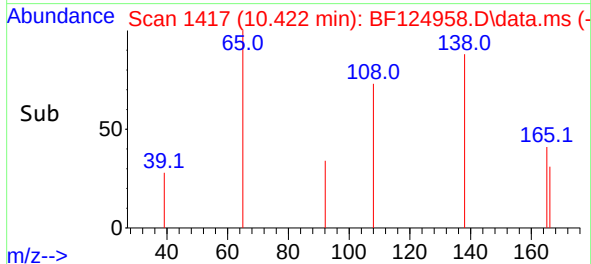
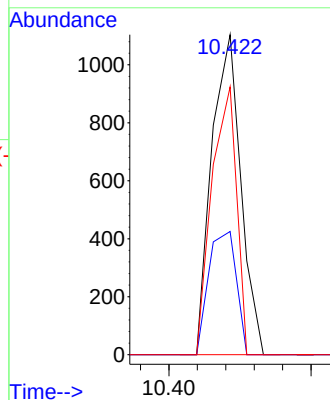
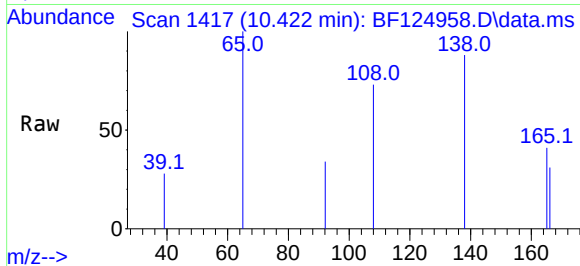
#62
4-Nitroaniline
Concen: 3.683 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	138	Resp:	783
Ion	Ratio	Lower	Upper
138	100		
92	38.5	29.6	69.6
108	83.7	78.1	118.1

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

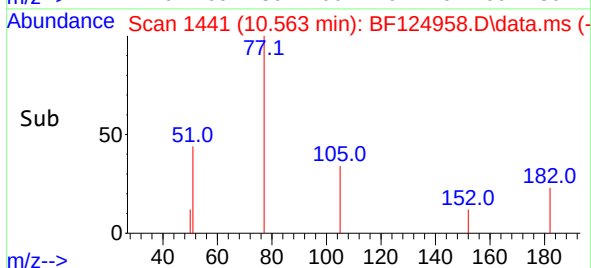
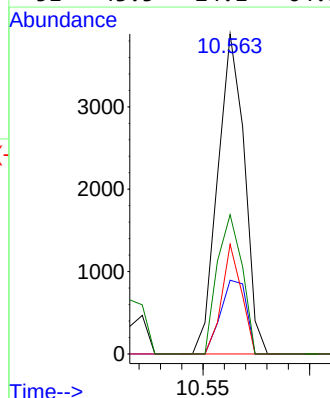
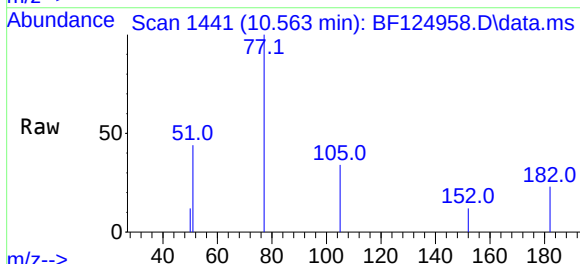
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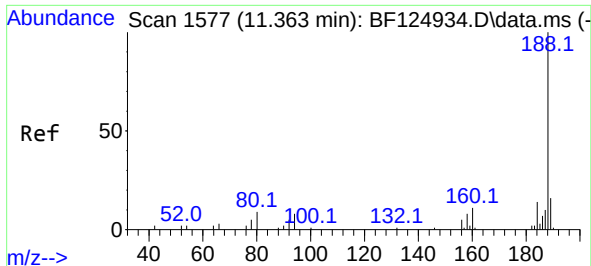
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#63
Azobenzene
Concen: 3.612 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

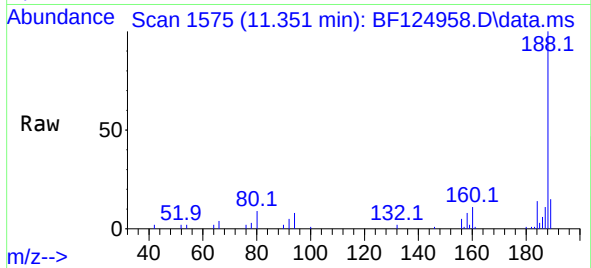
Tgt Ion:	77	Resp:	3384
Ion	Ratio	Lower	Upper
77	100		
182	23.0	6.3	46.3
105	34.3	2.9	42.9
51	43.5	24.1	64.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

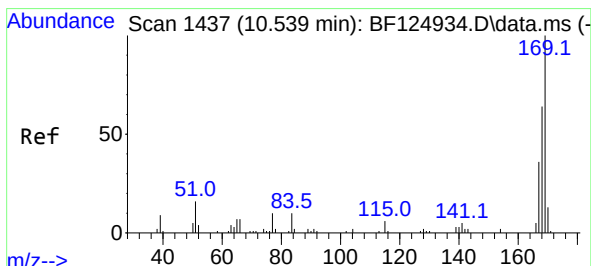
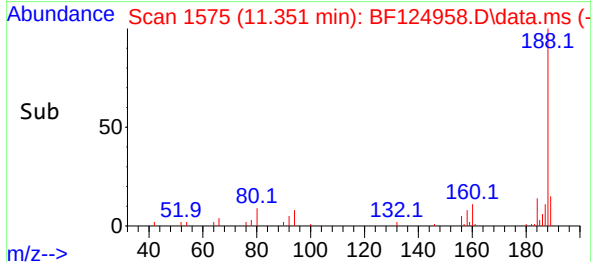
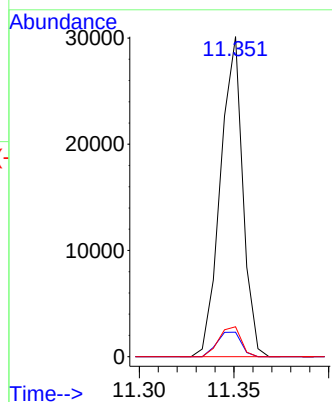
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



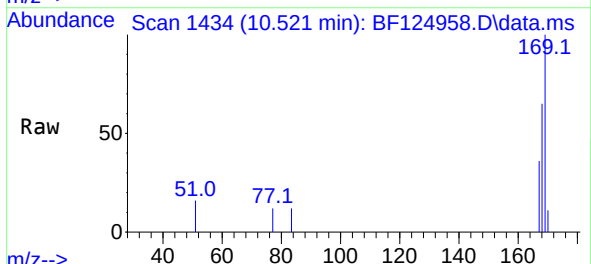
Tgt Ion:188 Resp: 24674
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.4 7.5 11.3

Manual Integrations
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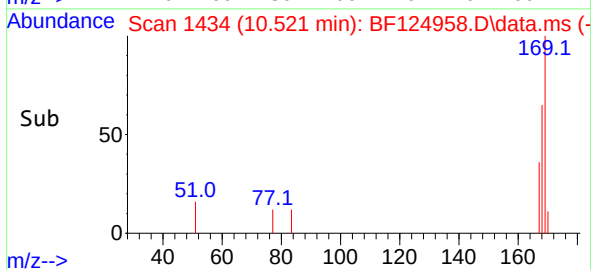
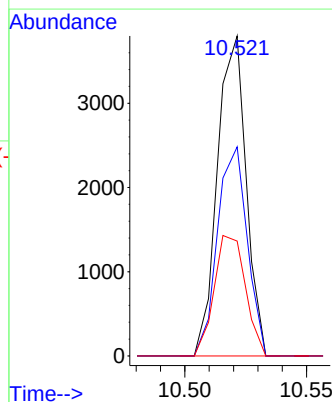
mohammad
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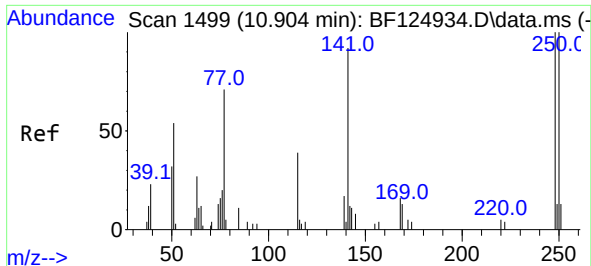


#66
n-Nitrosodiphenylamine
Concen: 3.898 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

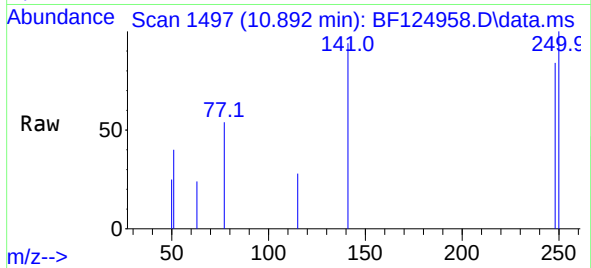


Tgt Ion:169 Resp: 3117
Ion Ratio Lower Upper
169 100
168 65.3 50.8 76.2
167 35.9 28.8 43.2

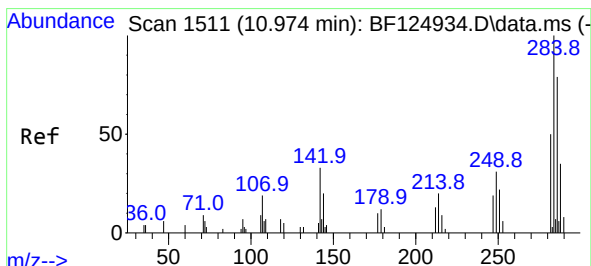
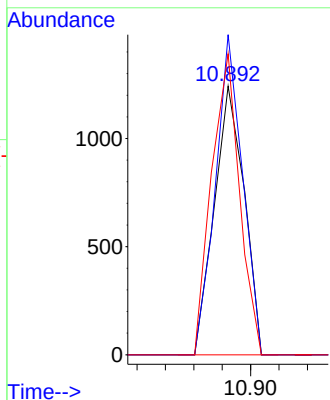
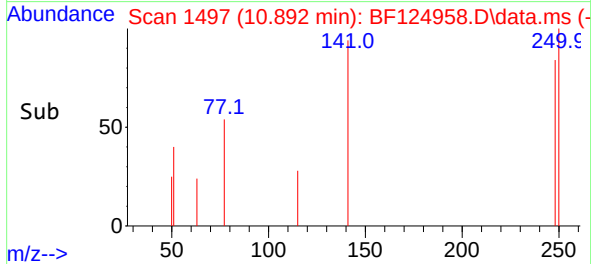




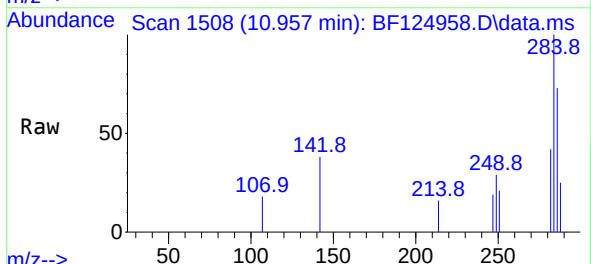
#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



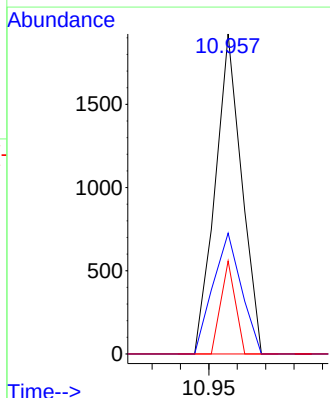
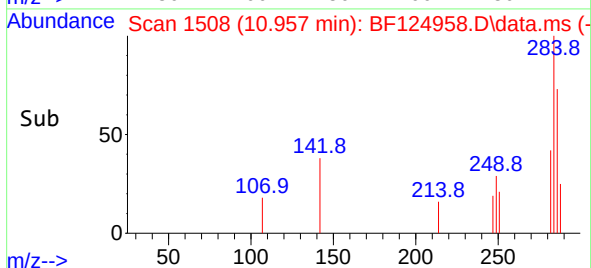
Tgt Ion:248 Resp: 905
Ion Ratio Lower Upper
248 100
250 119.2 74.2 111.4#
141 112.1 60.4 90.6#



#68
Hexachlorobenzene
Concen: 4.238 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



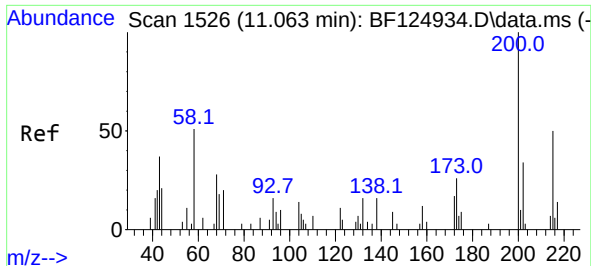
Tgt Ion:284 Resp: 1246
Ion Ratio Lower Upper
284 100
142 37.8 36.4 54.6
249 29.0 25.6 38.4



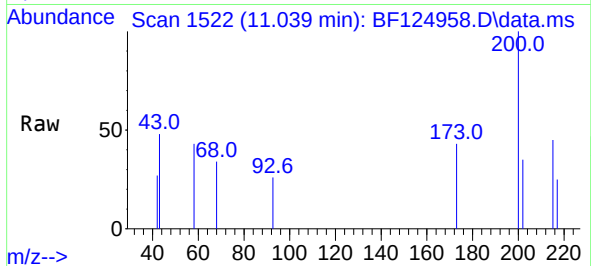
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

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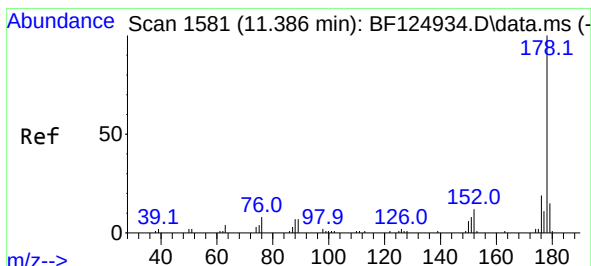
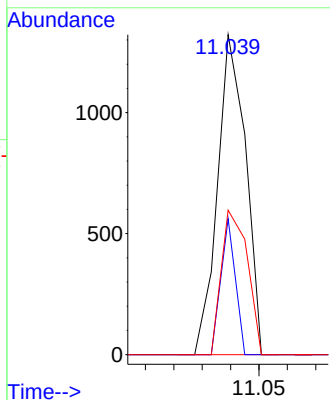
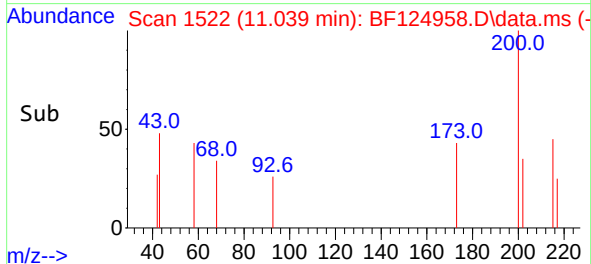
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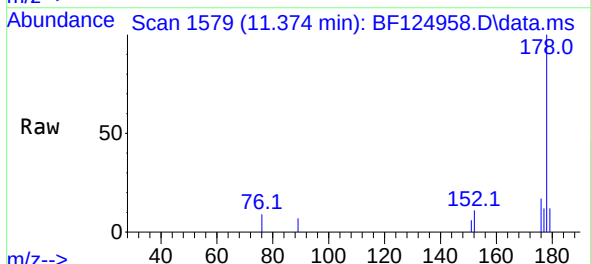
#69
Atrazine
Concen: 3.783 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



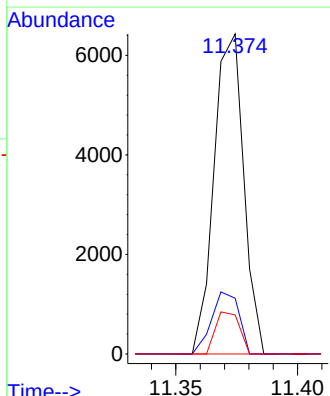
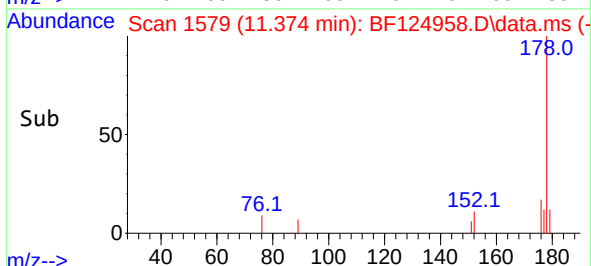
Tgt Ion:200 Resp: 909
Ion Ratio Lower Upper
200 100
173 42.5 11.1 51.1
215 45.2 22.7 62.7



#71
Phenanthrene
Concen: 4.066 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



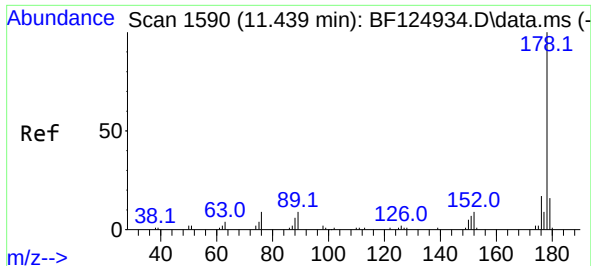
Tgt Ion:178 Resp: 5442
Ion Ratio Lower Upper
178 100
176 17.4 14.7 22.1
179 12.2 11.5 17.3



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

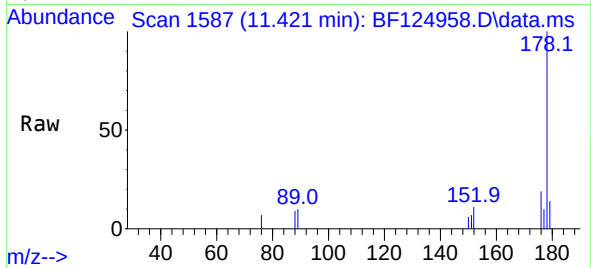
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#72
 Anthracene
 Concen: 4.124 ng
 RT: 11.421 min Scan# 1587
 Delta R.T. -0.012 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:59

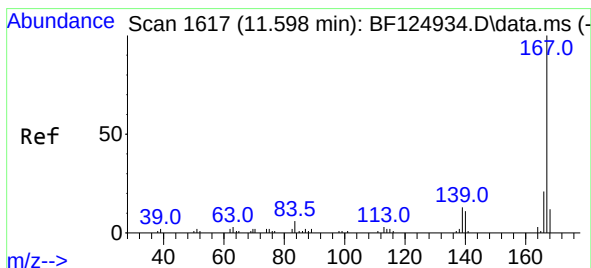
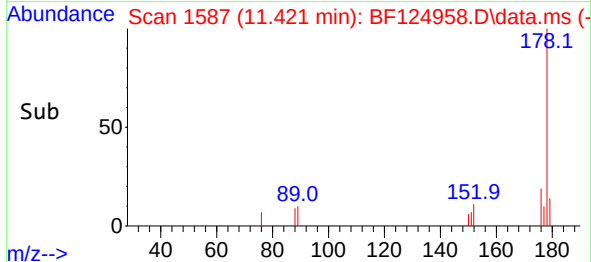
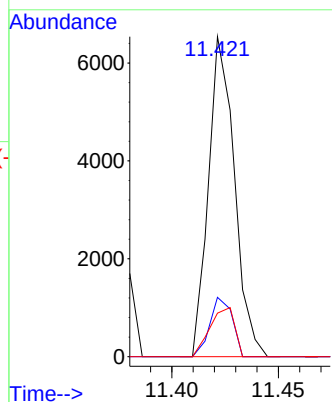
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2021



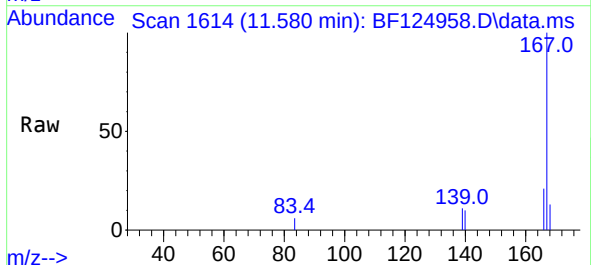
Tgt Ion:178 Resp: 5538
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.3 21.5
 179 13.6 12.2 18.4

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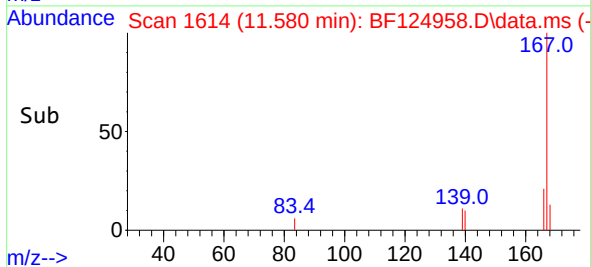
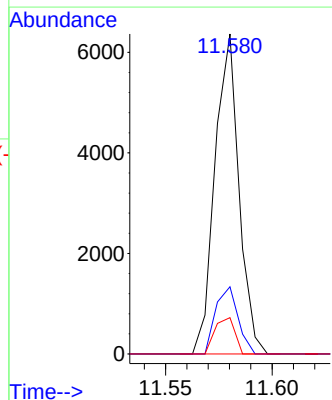
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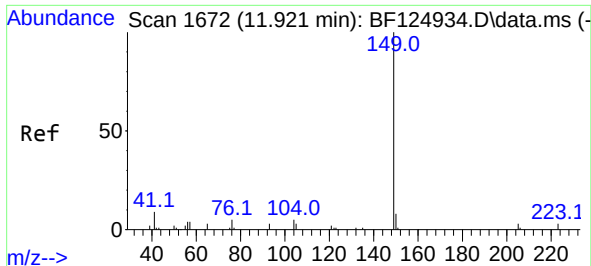


#73
 Carbazole
 Concen: 4.056 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. -0.006 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:59

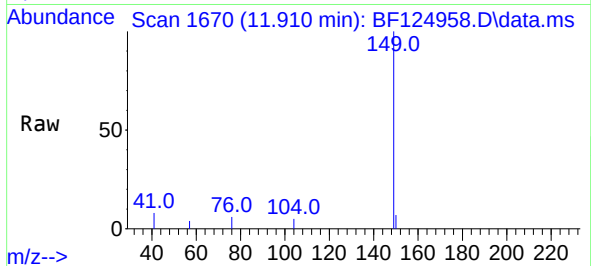


Tgt Ion:167 Resp: 4994
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 11.4 11.0 16.4

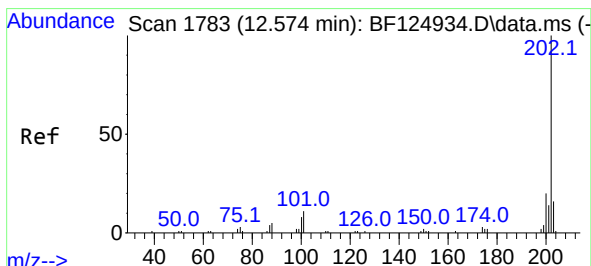
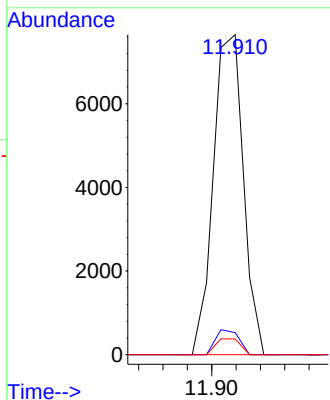
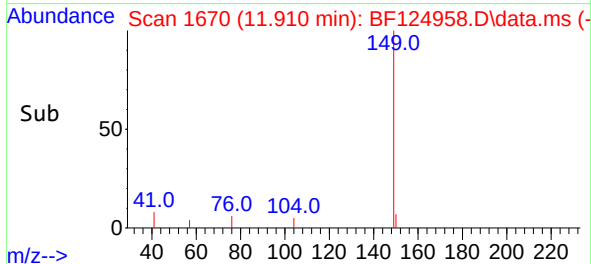




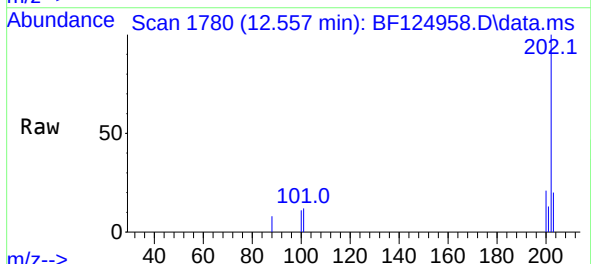
#74
Di-n-butylphthalate
Concen: 4.189 ng
RT: 11.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



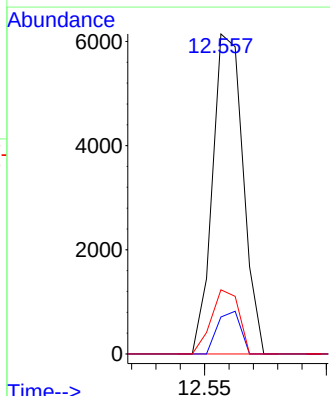
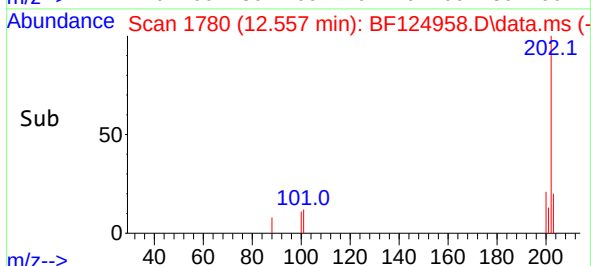
Tgt Ion:149 Resp: 6556
Ion Ratio Lower Upper
149 100
150 6.9 7.4 11.2#
104 4.9 4.1 6.1



#75
Fluoranthene
Concen: 3.867 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



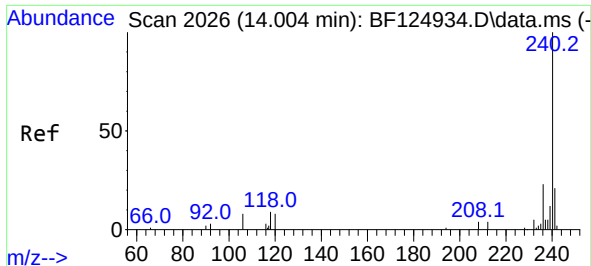
Tgt Ion:202 Resp: 5354
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 20.1 0.0 36.3



Instrument :
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ClientSampleId :
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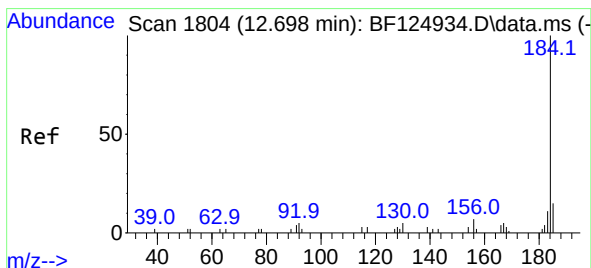
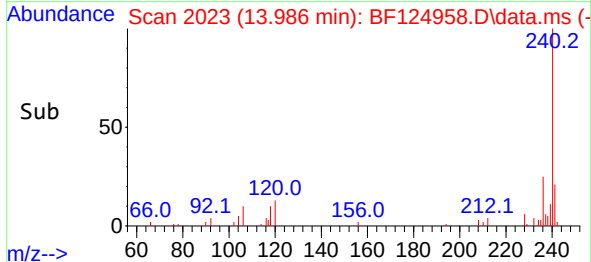
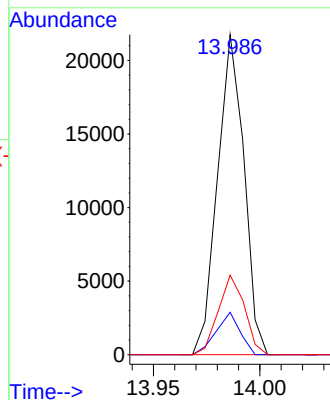
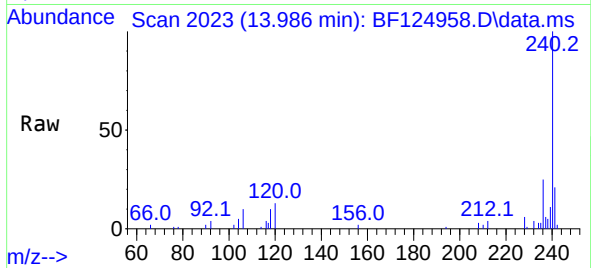
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:	240	Resp:	18776
Ion Ratio	Lower	Upper	
240	100		
120	13.3	10.8	16.2
236	24.9	21.6	32.4

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

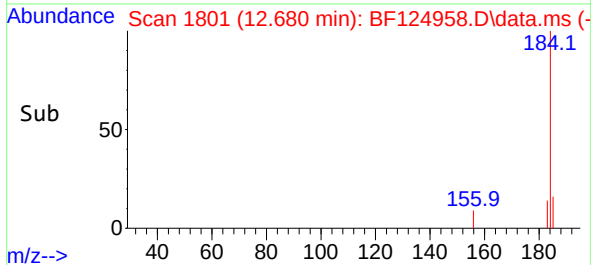
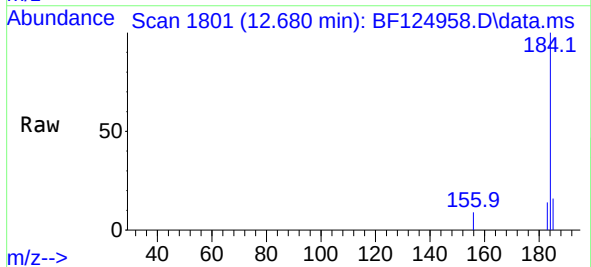
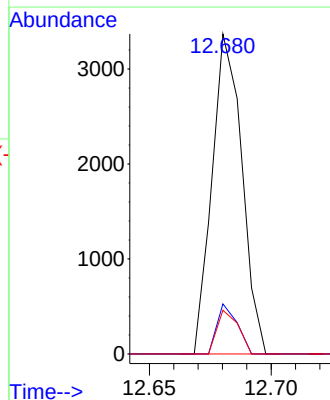
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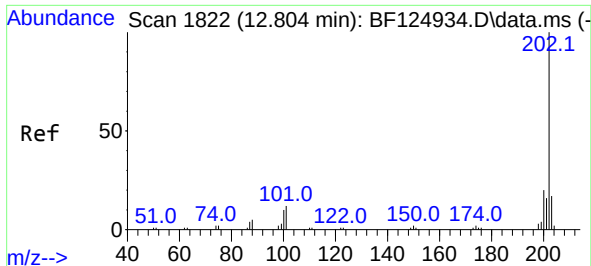
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#77
Benzidine
Concen: 5.715 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

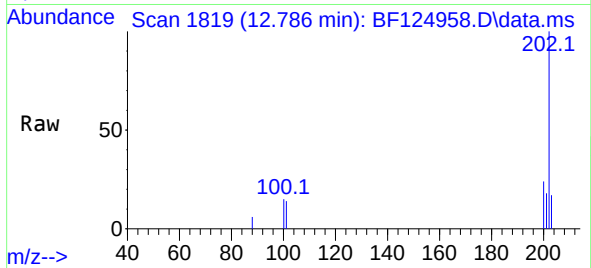
Tgt Ion:	184	Resp:	2871
Ion Ratio	Lower	Upper	
184	100		
185	15.7	10.8	16.2
183	13.7	8.1	12.1#





#78
Pyrene
Concen: 3.828 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

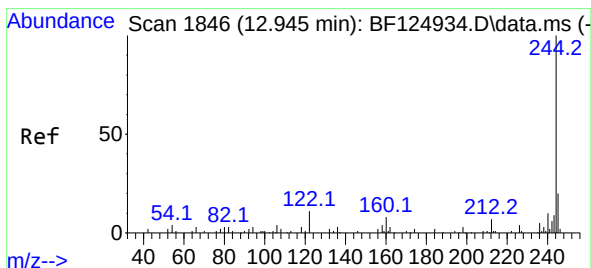
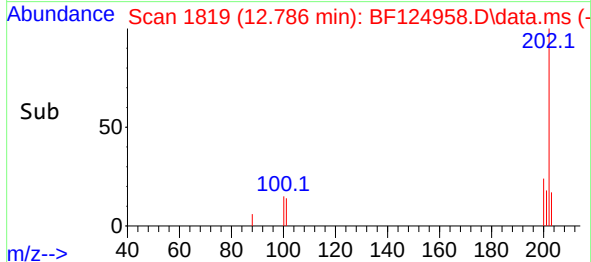
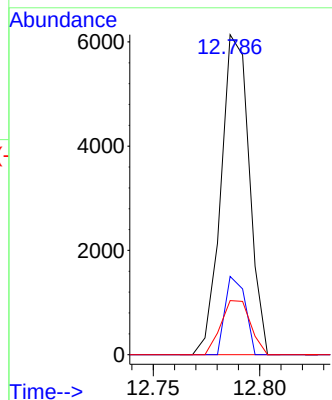
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:202 Resp: 5662
Ion Ratio Lower Upper
202 100
200 24.4 15.3 22.9#
203 16.9 13.4 20.0

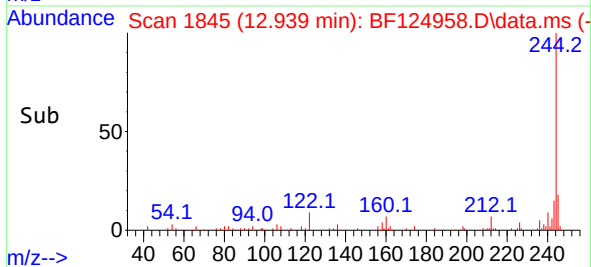
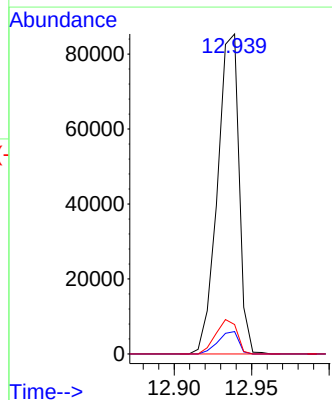
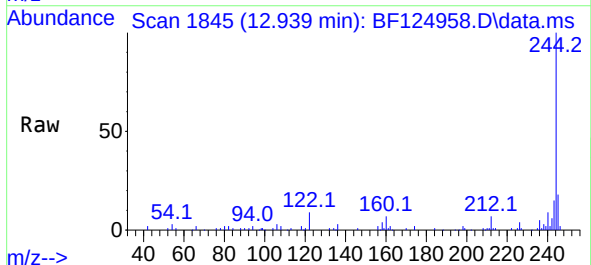
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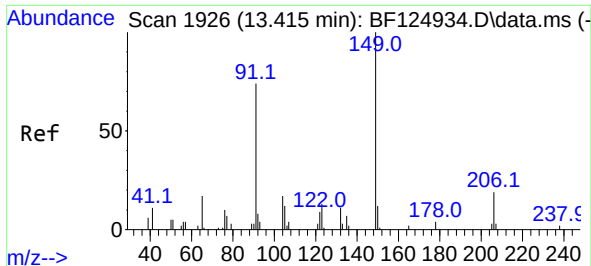
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#79
Terphenyl-d14
Concen: 74.082 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

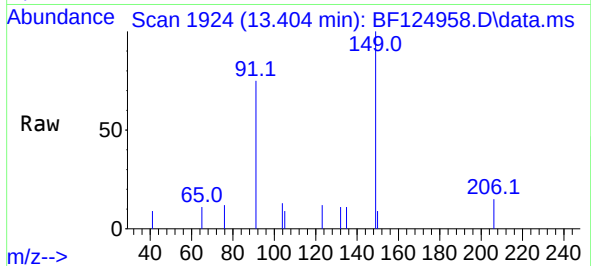
Tgt Ion:244 Resp: 82461
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.2 9.0 13.4





#80
Butylbenzylphthalate
Concen: 3.765 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

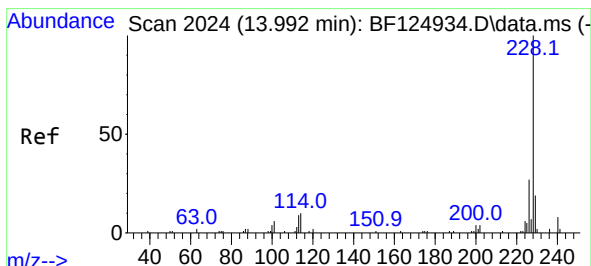
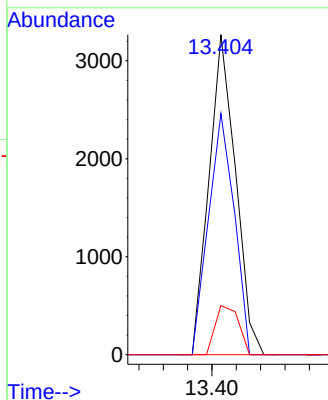
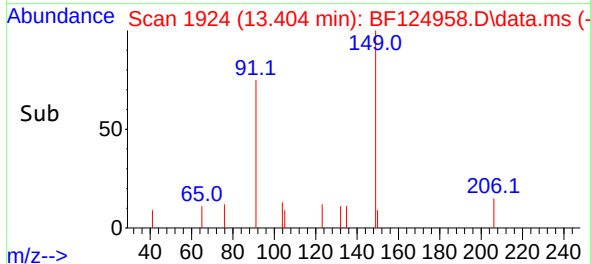
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



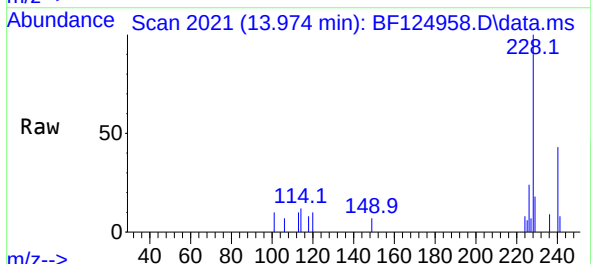
Tgt Ion:149 Resp: 2478
Ion Ratio Lower Upper
149 100
91 75.3 51.8 77.8
206 15.4 14.5 21.7

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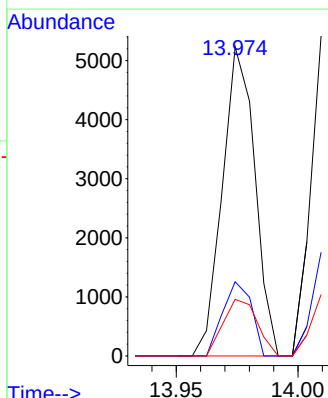
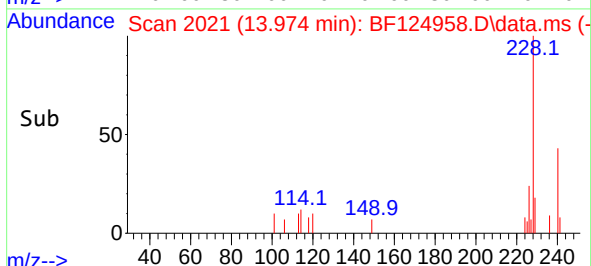
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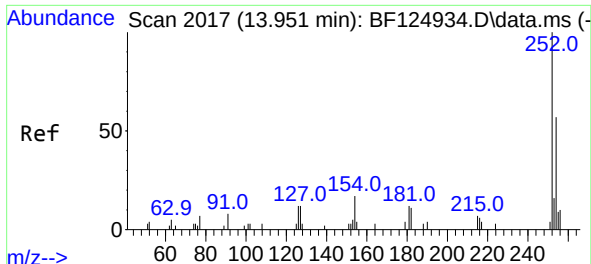


#81
Benzo(a)anthracene
Concen: 3.979 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



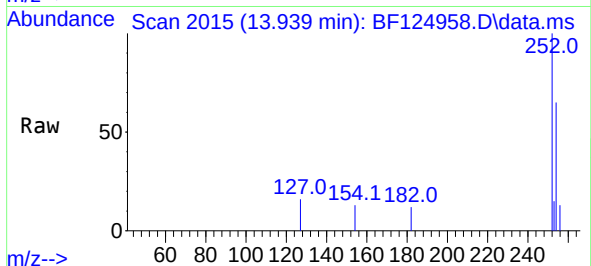
Tgt Ion:228 Resp: 4868
Ion Ratio Lower Upper
228 100
226 24.0 21.6 32.4
229 18.3 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 5.946 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

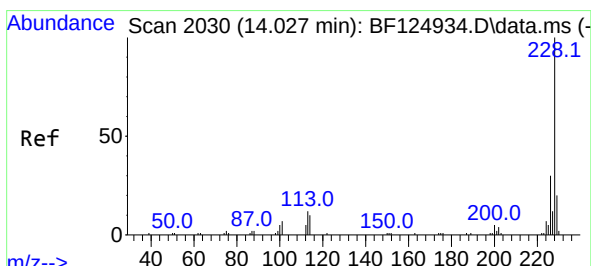
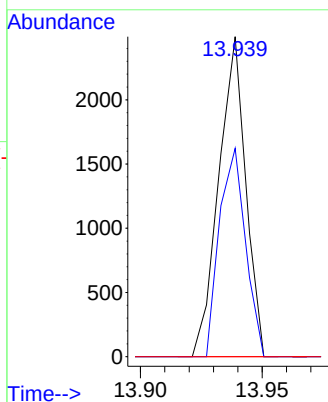
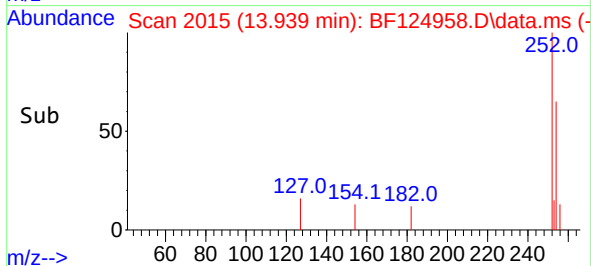
Instrument :
BNA_F
ClientSampleId :
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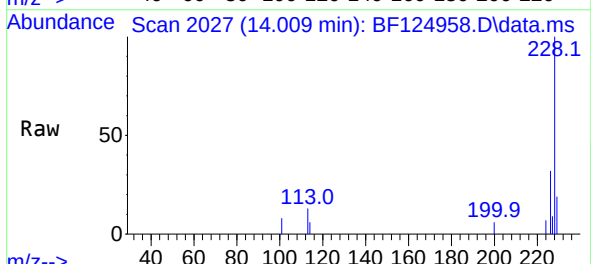
Tgt Ion:252 Resp: 1918
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 0.0 9.5 14.3#

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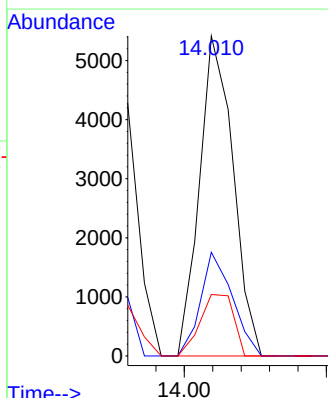
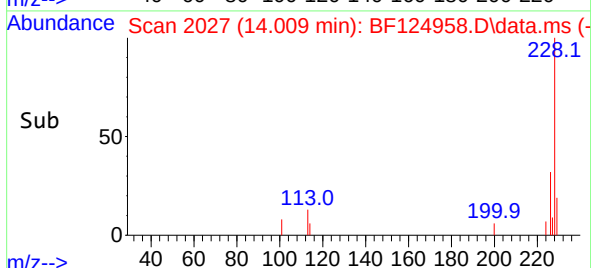
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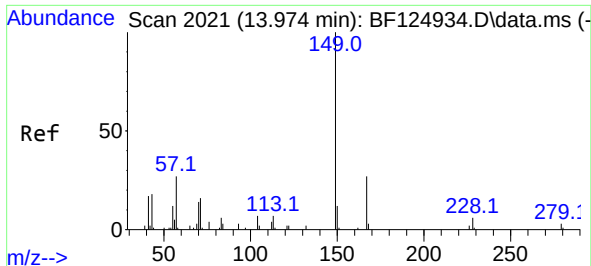


#83
Chrysene
Concen: 3.765 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion:228 Resp: 4453
Ion Ratio Lower Upper
228 100
226 32.4 22.6 34.0
229 19.2 15.9 23.9





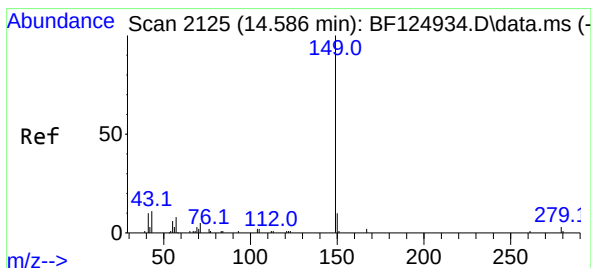
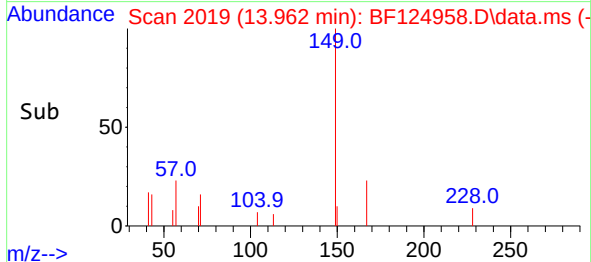
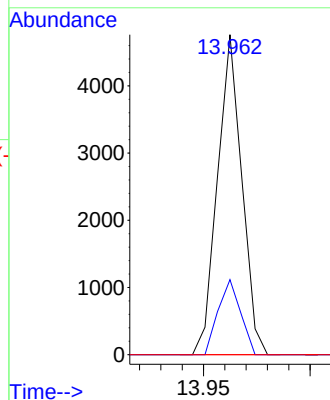
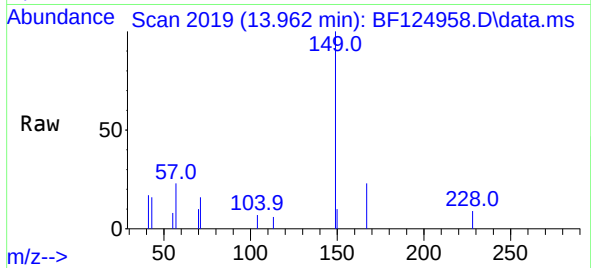
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.136 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:149 Resp: 3776
Ion Ratio Lower Upper
149 100
167 23.4 21.4 32.0
279 0.0 2.6 4.0#

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

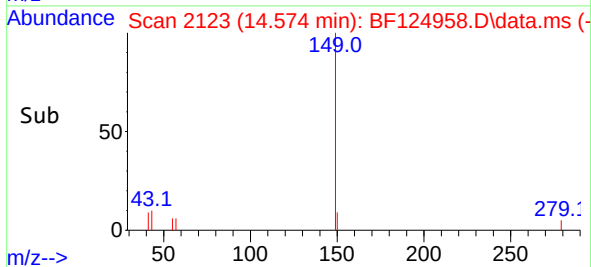
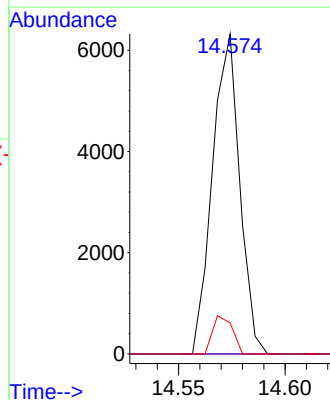
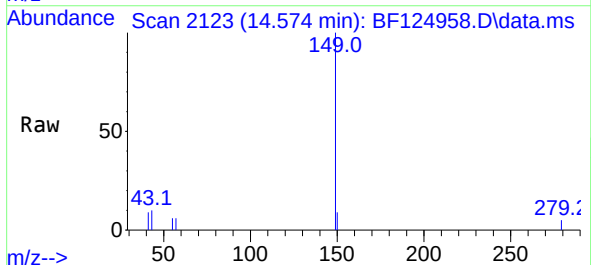
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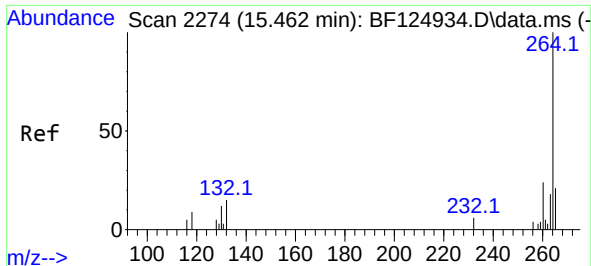
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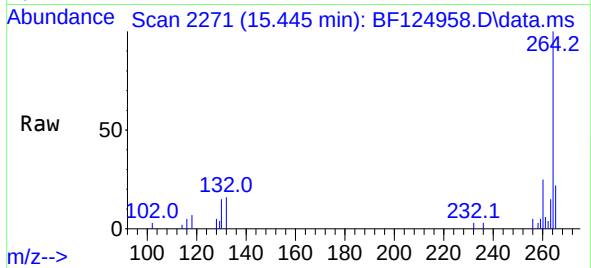
#85
Di-n-octyl phthalate
Concen: 3.898 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:149 Resp: 5614
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 8.6 9.9 14.9#

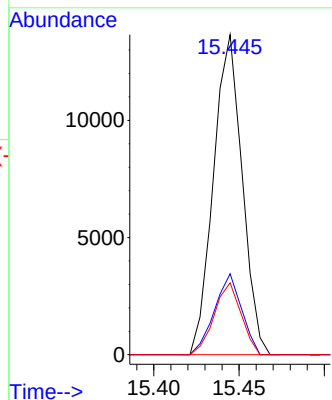




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



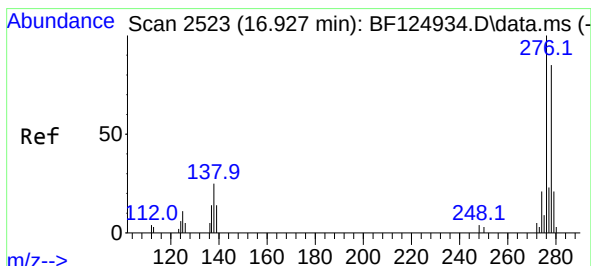
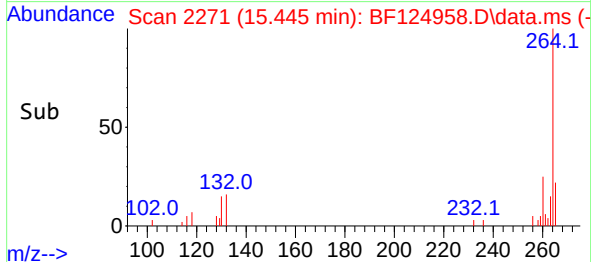
Tgt Ion: 264 Resp: 16005
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.4 17.2 25.8



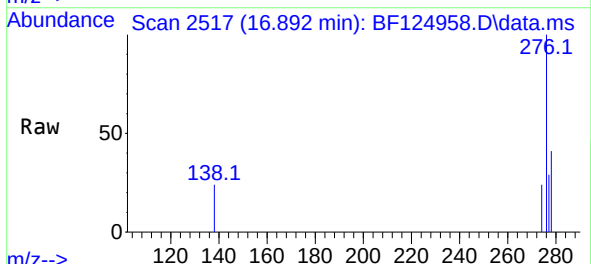
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

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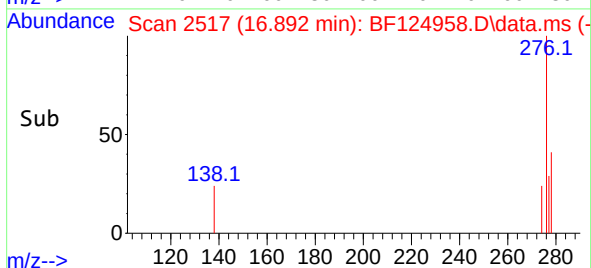
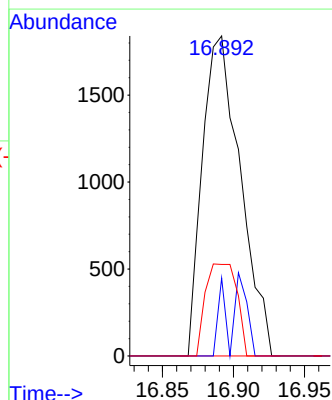
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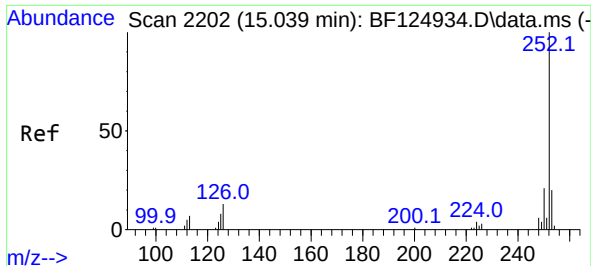


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.591 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59



Tgt Ion: 276 Resp: 3423
Ion Ratio Lower Upper
276 100
138 12.8 24.1 36.1#
277 23.6 18.8 28.2





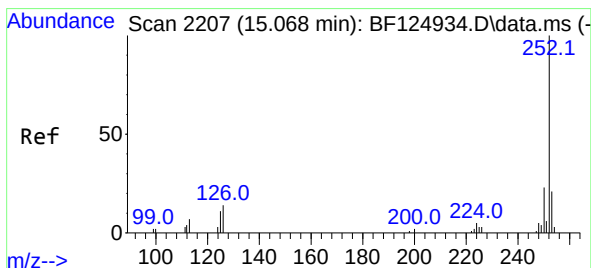
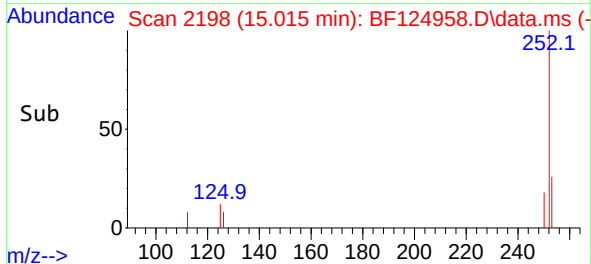
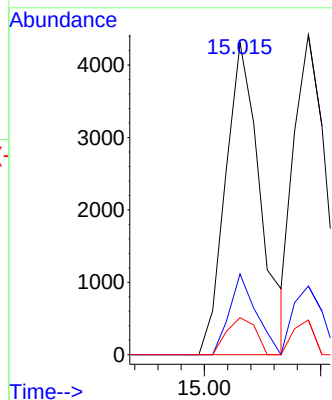
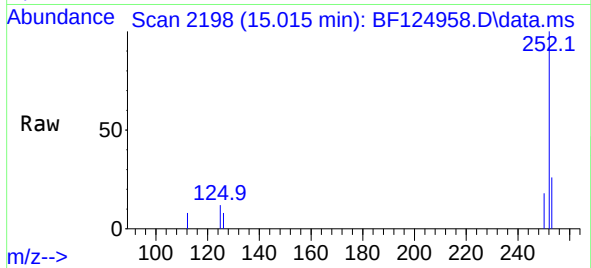
#88
Benzo(b)fluoranthene
Concen: 4.007 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:252 Resp: 4503
Ion Ratio Lower Upper
252 100
253 25.8 16.8 25.2#
125 11.9 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
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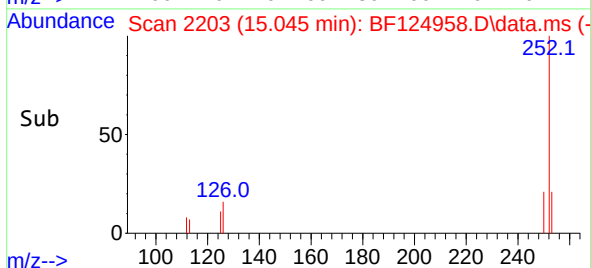
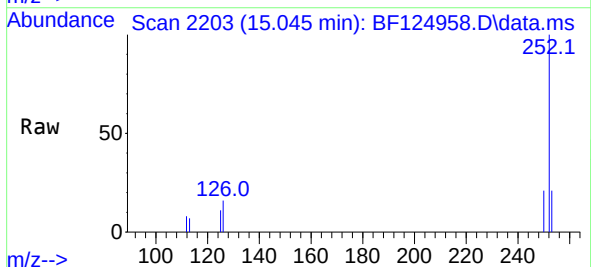
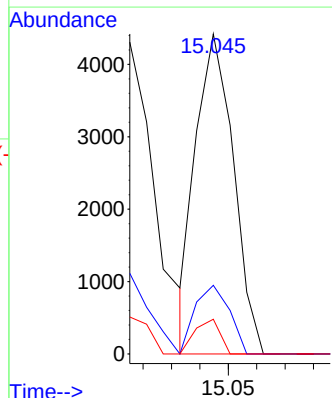
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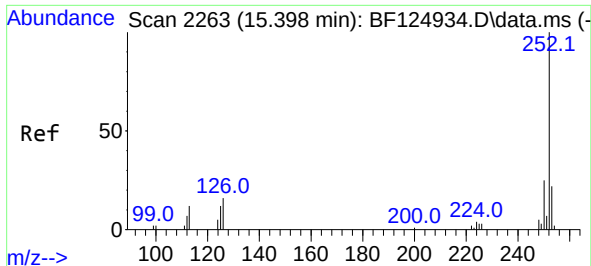
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#89
Benzo(k)fluoranthene
Concen: 3.978 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:252 Resp: 4067
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.8 7.2 10.8#





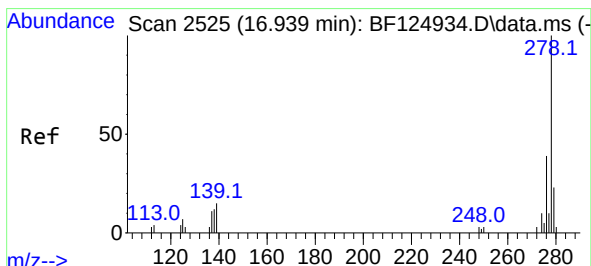
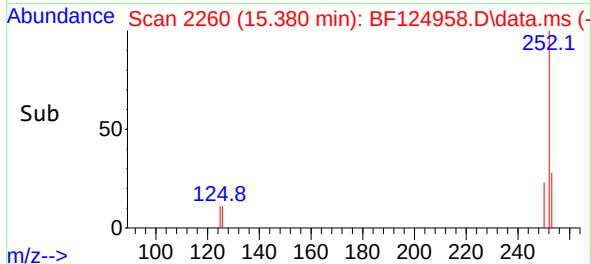
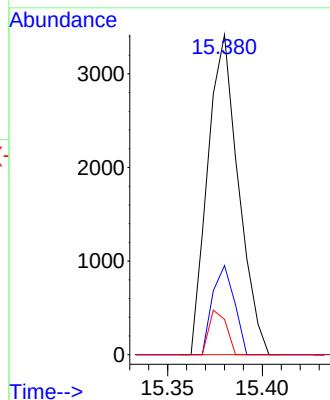
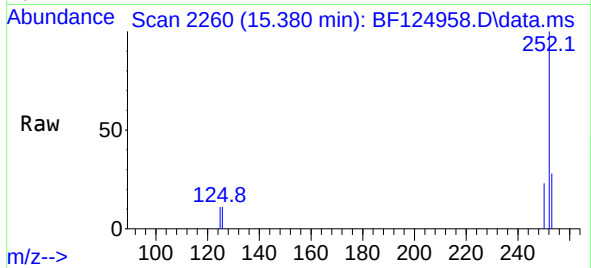
#90
Benzo(a)pyrene
Concen: 4.037 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

Tgt Ion:252	Resp:	3863
Ion Ratio	Lower	Upper
252	100	
253	27.9	18.4 27.6#
125	22.4	9.9 14.9#

Instrument :
BNA_F
ClientSampleId :
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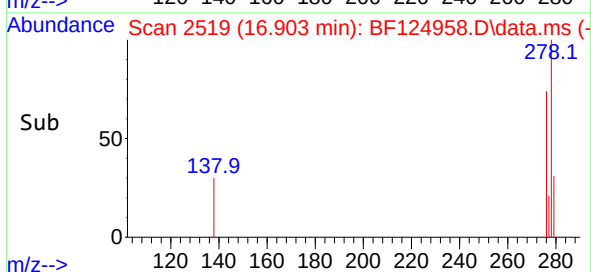
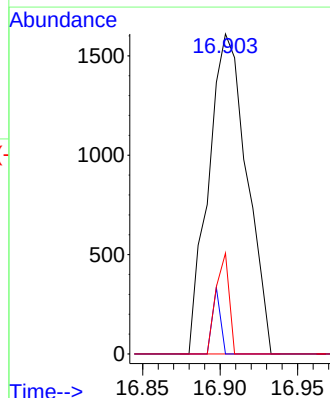
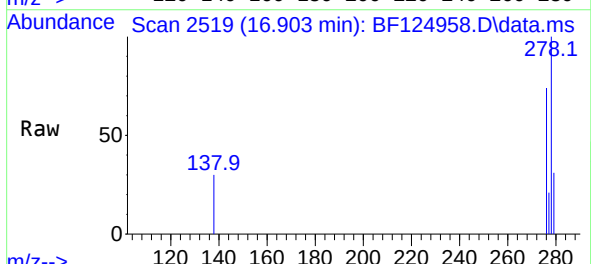
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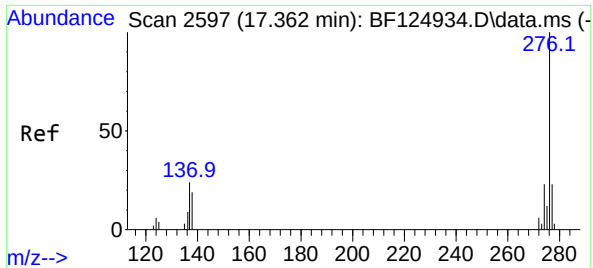
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#91
Dibenzo(a,h)anthracene
Concen: 3.308 ng
RT: 16.903 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

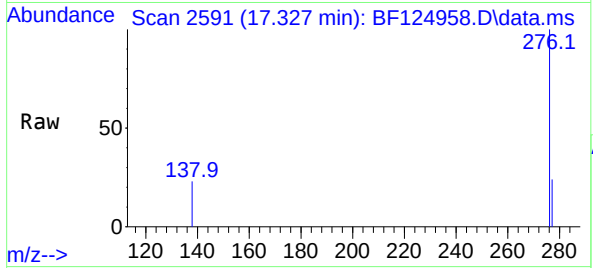
Tgt Ion:278	Resp:	2772
Ion Ratio	Lower	Upper
278	100	
139	0.0	14.9 22.3#
279	31.5	19.7 29.5#





#92
Benzo(g,h,i)perylene
Concen: 3.159 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:59

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



Tgt Ion:	276	Resp:	2539
Ion Ratio	Lower	Upper	
276	100		
277	24.2	22.0	33.0
138	23.1	22.2	33.4

Manual Integrations
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