

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124945.D
 Acq On : 5 Aug 2021 11:09
 Operator : JU/CG
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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 8/6/2021 2:46:41 PM

Quant Time: Aug 05 11:47:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	7348	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	26618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	14680	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	25493	20.000	ng	0.00
76) Chrysene-d12	13.998	240	19276	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	16471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45374	101.154	ng	0.00
7) Phenol-d6	6.469	99	56151	99.275	ng	0.00
23) Nitrobenzene-d5	7.404	82	34550	67.902	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	14118	107.647	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	69306	69.081	ng	0.00
79) Terphenyl-d14	12.945	244	73258	64.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	1456	8.676	ng	# 100
3) Pyridine	3.404	79	2175m	5.578	ng	
4) n-Nitrosodimethylamine	3.281	42	1705	6.157	ng	92
6) Aniline	6.498	93	5467	9.150	ng	95
8) 2-Chlorophenol	6.622	128	4183	8.501	ng	82
9) Benzaldehyde	6.387	77	2928	9.515	ng	87
10) Phenol	6.481	94	4627	7.928	ng	93
11) bis(2-Chloroethyl)ether	6.575	93	3825	8.737	ng	90
12) 1,3-Dichlorobenzene	6.775	146	4614	8.616	ng	99
13) 1,4-Dichlorobenzene	6.851	146	4380	8.181	ng	93
14) 1,2-Dichlorobenzene	7.004	146	4213	8.397	ng	96
15) Benzyl Alcohol	6.975	79	3103	7.606	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	5628	8.024	ng	95
17) 2-Methylphenol	7.081	107	2976	8.080	ng	88
18) Hexachloroethane	7.351	117	1709	8.153	ng	89
19) n-Nitroso-di-n-propyla...	7.239	70	2518	7.503	ng	# 96
20) 3+4-Methylphenols	7.239	107	3985	8.150	ng	# 57
22) Acetophenone	7.239	105	5603	8.595	ng	# 88
24) Nitrobenzene	7.416	77	4006	8.136	ng	# 93
25) Isophorone	7.651	82	7197	8.287	ng	# 90
26) 2-Nitrophenol	7.734	139	1949	7.795	ng	# 86
27) 2,4-Dimethylphenol	7.769	122	3334	9.407	ng	88
28) bis(2-Chloroethoxy)met...	7.863	93	4671	9.450	ng	98
29) 2,4-Dichlorophenol	7.975	162	3385	8.572	ng	91
30) 1,2,4-Trichlorobenzene	8.057	180	3659	8.269	ng	97
31) Naphthalene	8.139	128	11542	8.440	ng	97
32) Benzoic acid	7.863	122	137	7.992	ng	# 49
33) 4-Chloroaniline	8.186	127	4809	9.436	ng	98
34) Hexachlorobutadiene	8.257	225	2042	7.727	ng	95
35) Caprolactam	8.528	113	890	8.488	ng	# 83
36) 4-Chloro-3-methylphenol	8.663	107	3141	7.604	ng	97
37) 2-Methylnaphthalene	8.828	142	7790	8.472	ng	98
38) 1-Methylnaphthalene	8.928	142	6923	8.047	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	3646	8.653	ng	97
41) Hexachlorocyclopentadiene	8.981	237	835	10.246	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	2190	7.807	ng	98

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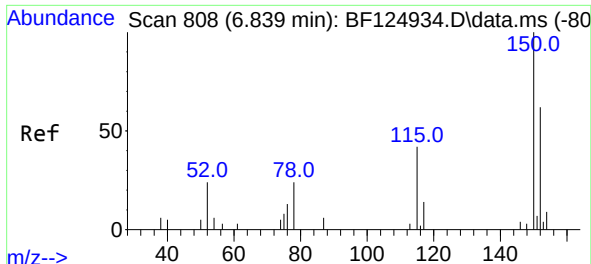
Manual Integrations
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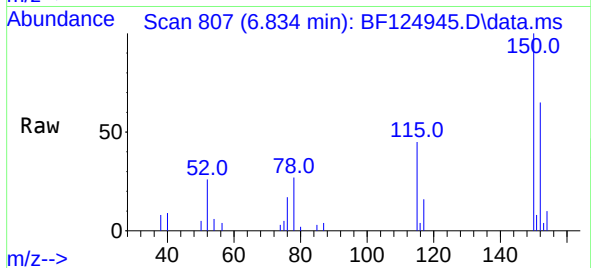
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	2237	7.878	ng	91
46) 1,1'-Biphenyl	9.292	154	9699	8.866	ng	95
47) 2-Chloronaphthalene	9.322	162	7446	8.555	ng	98
48) 2-Nitroaniline	9.410	65	2220	8.683	ng #	77
49) Acenaphthylene	9.733	152	11406	8.628	ng	96
50) Dimethylphthalate	9.586	163	8540	8.585	ng #	95
51) 2,6-Dinitrotoluene	9.651	165	1761	7.950	ng #	84
52) Acenaphthene	9.904	154	6640	8.285	ng	97
53) 3-Nitroaniline	9.822	138	1925	8.251	ng #	89
54) 2,4-Dinitrophenol	9.933	184	287	7.808	ng	93
55) Dibenzofuran	10.075	168	10457	8.349	ng	99
56) 4-Nitrophenol	9.980	139	1029	6.691	ng	87
57) 2,4-Dinitrotoluene	10.057	165	2318	7.707	ng	90
58) Fluorene	10.422	166	8062	8.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	1622	7.613	ng #	78
60) Diethylphthalate	10.292	149	8820	8.640	ng	93
61) 4-Chlorophenyl-phenyle...	10.410	204	3876	8.546	ng	99
62) 4-Nitroaniline	10.433	138	1723	7.606	ng #	81
63) Azobenzene	10.575	77	8340	8.354	ng	93
65) 4,6-Dinitro-2-methylph...	10.463	198	938	5.873	ng	86
66) n-Nitrosodiphenylamine	10.527	169	6954	8.416	ng	93
67) 4-Bromophenyl-phenylether	10.904	248	2222	7.958	ng #	87
68) Hexachlorobenzene	10.969	284	2585	8.510	ng #	84
69) Atrazine	11.051	200	2195	8.841	ng	94
70) Pentachlorophenol	11.163	266	390	6.185	ng #	71
71) Phenanthrene	11.380	178	11850	8.569	ng	98
72) Anthracene	11.433	178	12136	8.748	ng	97
73) Carbazole	11.586	167	10750	8.450	ng	97
74) Di-n-butylphthalate	11.916	149	13721	8.486	ng	97
75) Fluoranthene	12.569	202	11468	8.016	ng	94
77) Benzidine	12.692	184	6407	12.422	ng #	97
78) Pyrene	12.798	202	12741	8.392	ng	97
80) Butylbenzylphthalate	13.416	149	5709	8.449	ng	99
81) Benzo(a)anthracene	13.986	228	10021	7.977	ng	96
82) 3,3'-Dichlorobenzidine	13.951	252	3560	10.750	ng	88
83) Chrysene	14.021	228	9899	8.152	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	7619	8.129	ng #	98
85) Di-n-octyl phthalate	14.586	149	12341	8.346	ng #	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	7223	7.364	ng #	92
88) Benzo(b)fluoranthene	15.027	252	9185	7.942	ng	98
89) Benzo(k)fluoranthene	15.057	252	8473	8.054	ng #	95
90) Benzo(a)pyrene	15.392	252	8400	8.529	ng #	93
91) Dibenzo(a,h)anthracene	16.927	278	5905	6.847	ng #	92
92) Benzo(g,h,i)perylene	17.356	276	6127	7.406	ng #	87

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

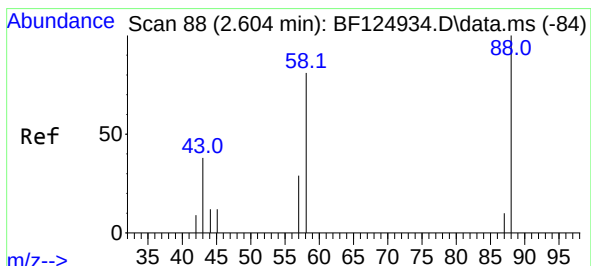
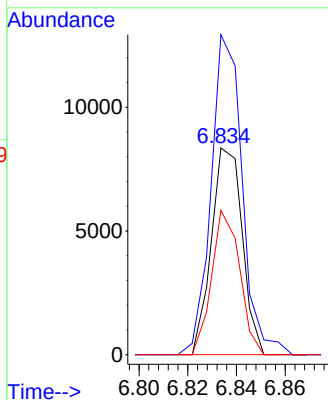
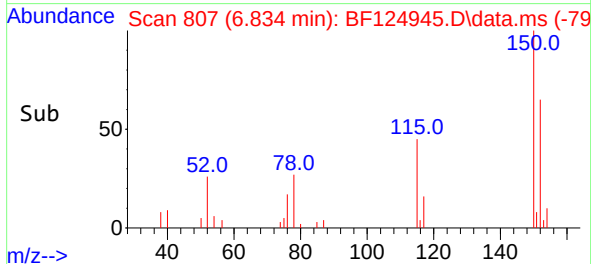
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



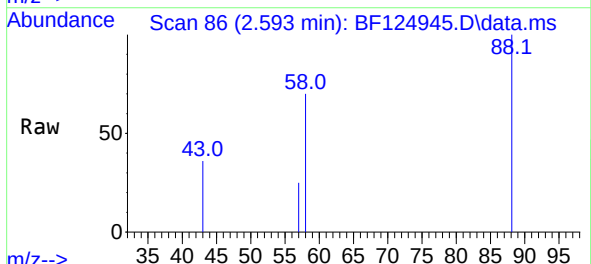
Tgt Ion:152 Resp: 7348
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 69.8 47.1 70.7

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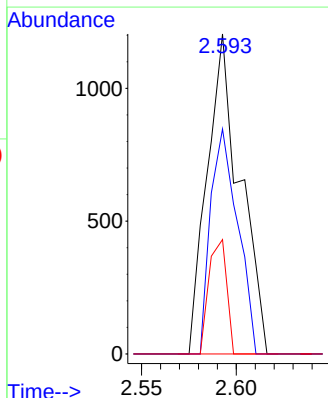
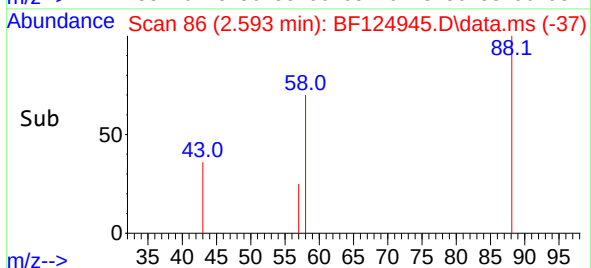
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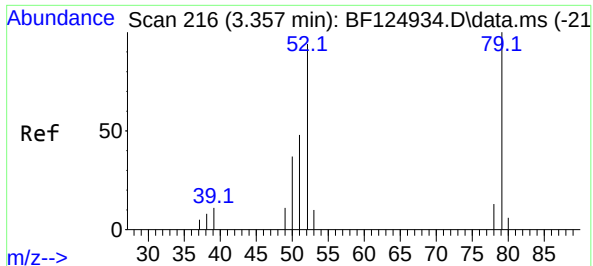


#2
1,4-Dioxane
Concen: 8.676 ng
RT: 2.593 min Scan# 86
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

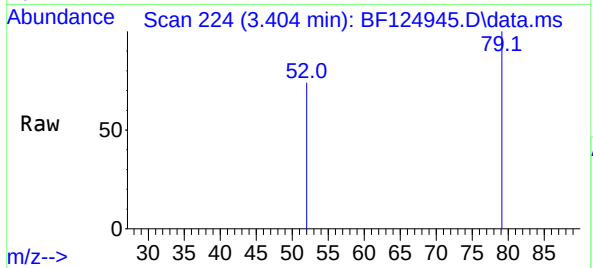


Tgt Ion: 88 Resp: 1456
Ion Ratio Lower Upper
88 100
58 57.8 0.0 0.0#
43 19.4 0.0 0.0#

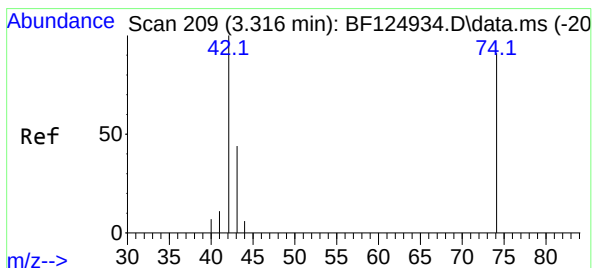
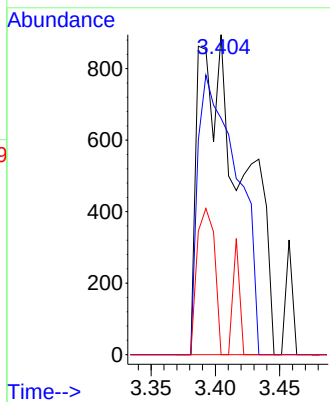
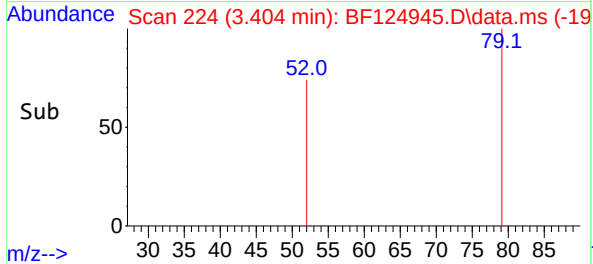




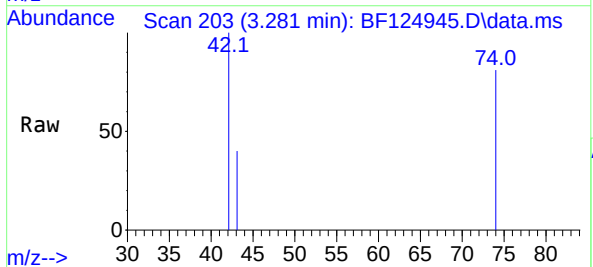
#3
Pyridine
Concen: 5.578 ng m
RT: 3.404 min Scan# 224
Delta R.T. 0.047 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



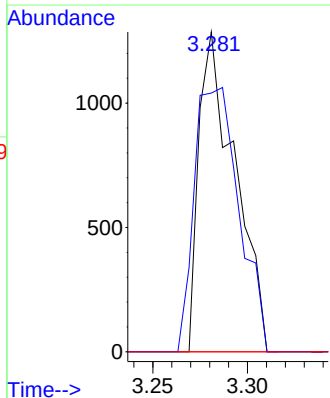
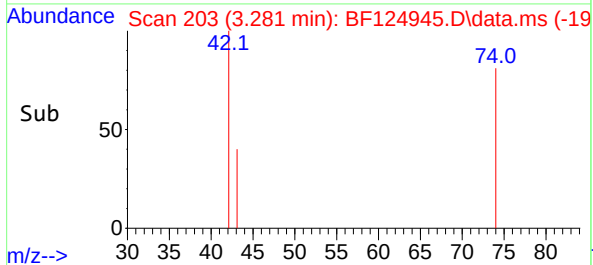
Tgt Ion: 79 Resp: 2175
Ion Ratio Lower Upper
79 100
52 73.9 70.3 105.5
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 6.157 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.035 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



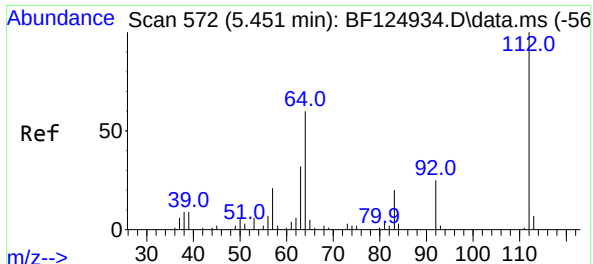
Tgt Ion: 42 Resp: 1705
Ion Ratio Lower Upper
42 100
74 80.9 59.0 88.6
44 0.0 0.0 0.0



Instrument :
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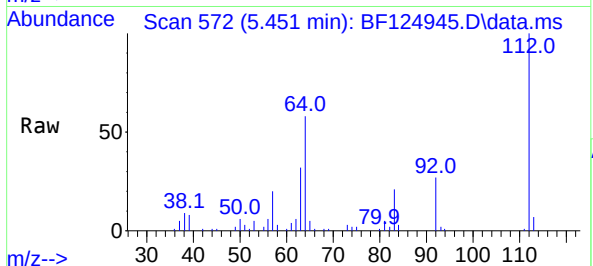
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#5
2-Fluorophenol
Concen: 101.154 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

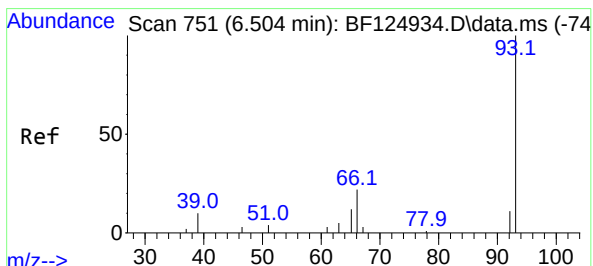
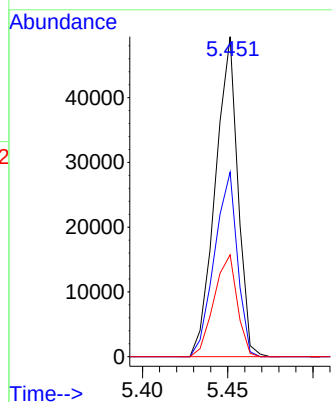


Tgt Ion: 112 Resp: 45374

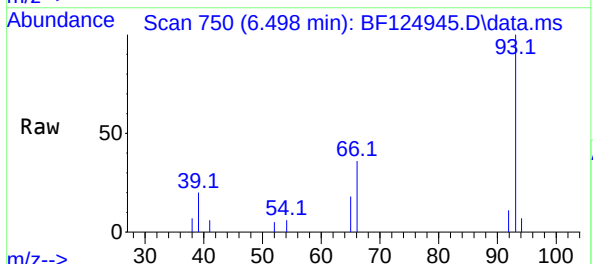
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.2	66.2
63	31.8	26.2	39.2

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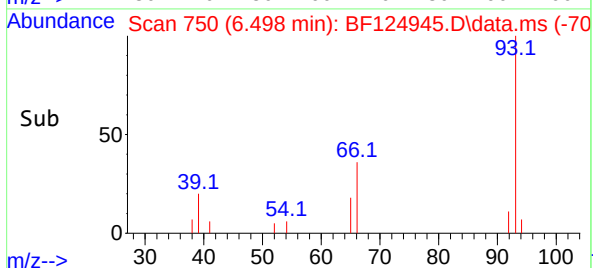
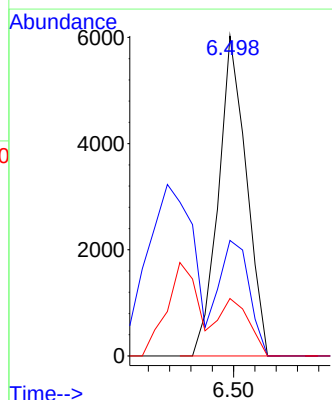


#6
Aniline
Concen: 9.150 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

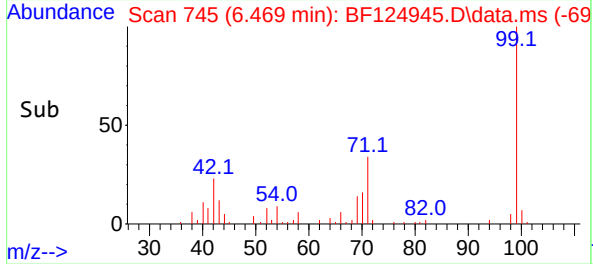
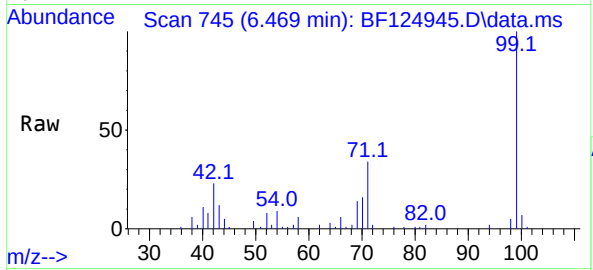
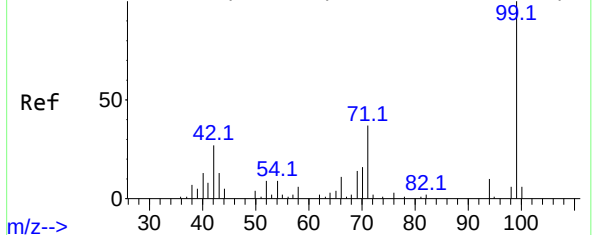


Tgt Ion: 93 Resp: 5467

Ion	Ratio	Lower	Upper
93	100		
66	36.1	32.7	49.1
65	17.9	14.2	21.4



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



#7

Phenol-d6

Concen: 99.275 ng

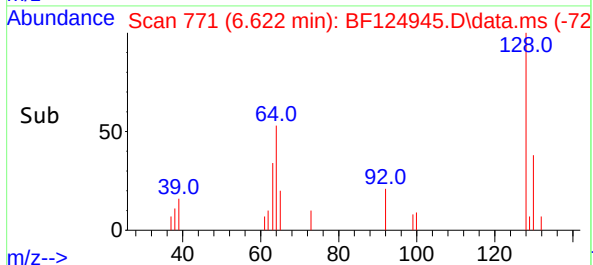
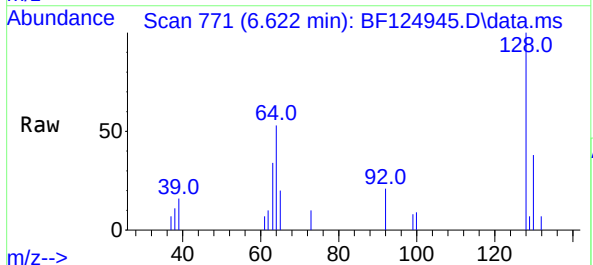
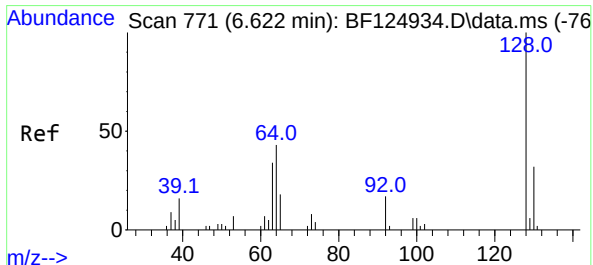
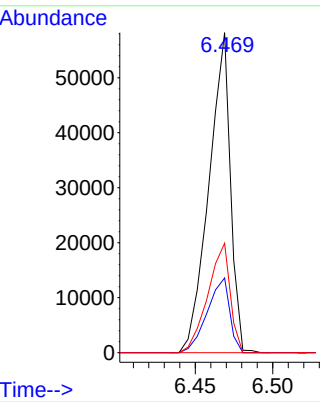
RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF124945.D

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Tgt Ion:	99	Resp:	56151
Ion	Ratio	Lower	Upper
99	100		
42	23.4	23.5	35.3#
71	34.2	25.6	38.4



#8

2-Chlorophenol

Concen: 8.501 ng

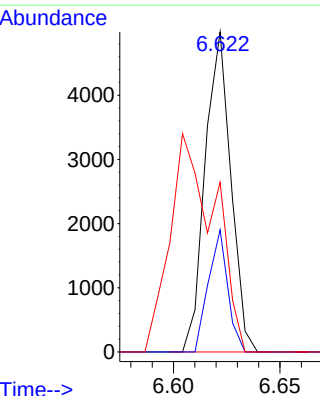
RT: 6.622 min Scan# 771

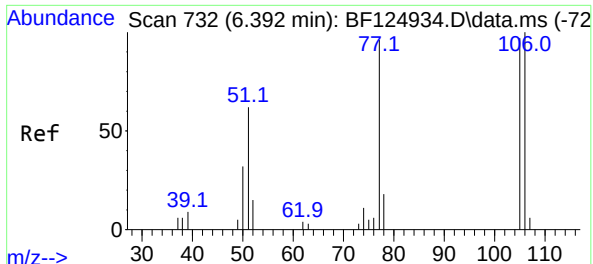
Delta R.T. 0.000 min

Lab File: BF124945.D

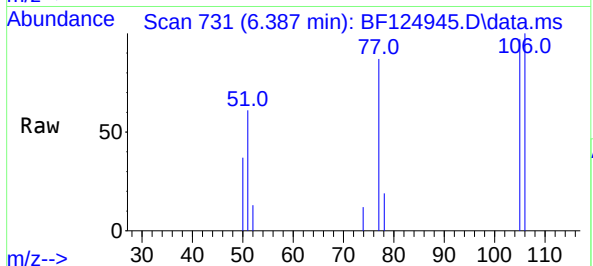
Acq: 5 Aug 2021 11:09

Tgt Ion:	128	Resp:	4183
Ion	Ratio	Lower	Upper
128	100		
130	38.1	10.5	50.5
64	53.0	20.3	60.3



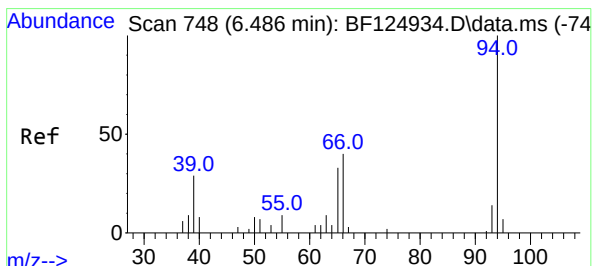
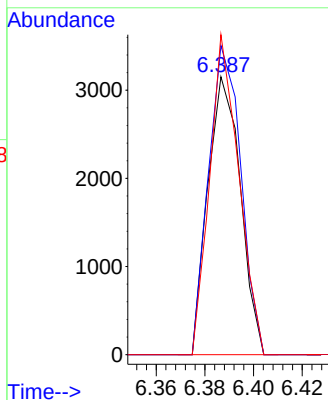
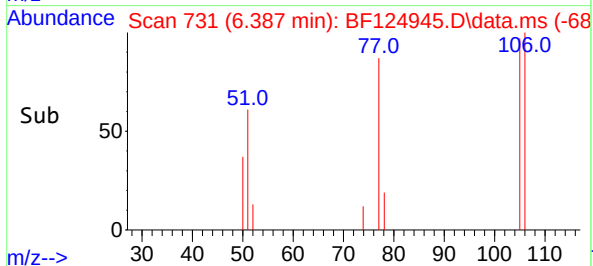


#9
Benzaldehyde
Concen: 9.515 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

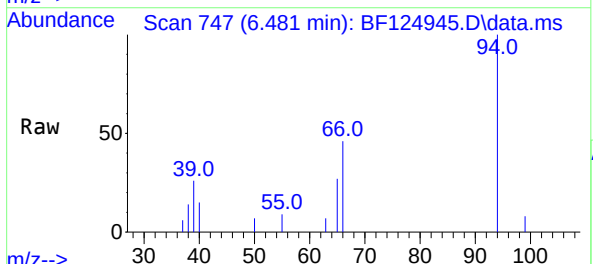


Tgt Ion: 77 Resp: 2928

Ion	Ratio	Lower	Upper
77	100		
105	111.3	75.9	115.9
106	115.2	84.0	124.0

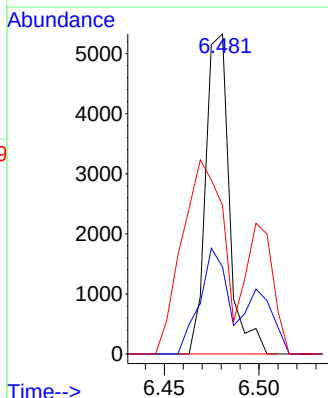
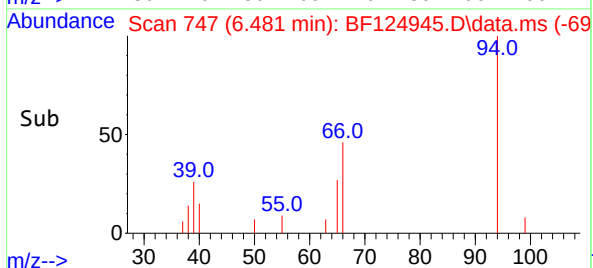


#10
Phenol
Concen: 7.928 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124945.D
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Tgt Ion: 94 Resp: 4627

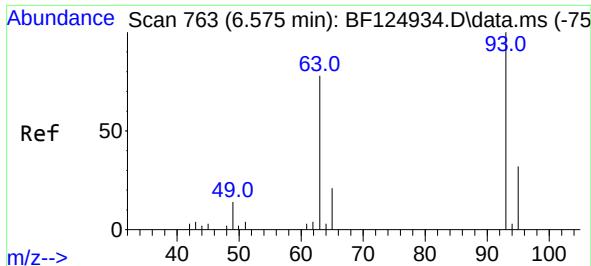
Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.3	49.3
66	46.4	20.3	60.3



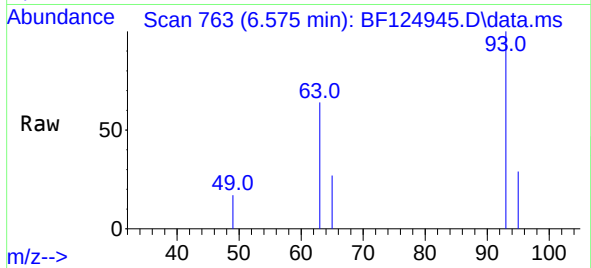
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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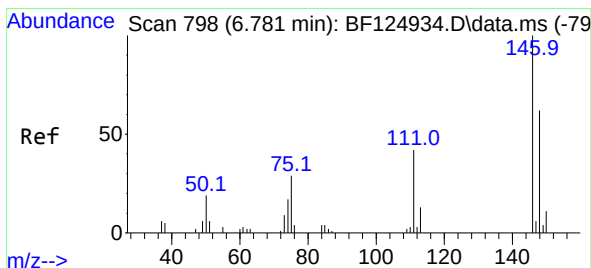
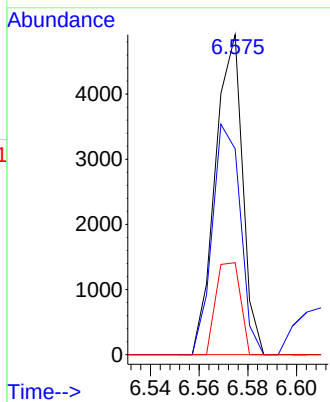
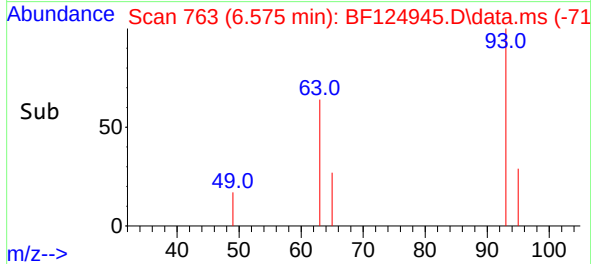
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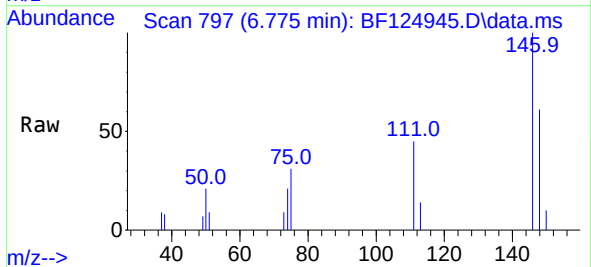
#11
bis(2-Chloroethyl)ether
Concen: 8.737 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



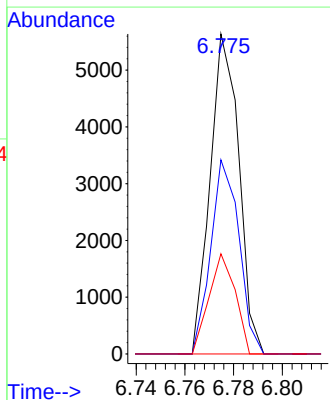
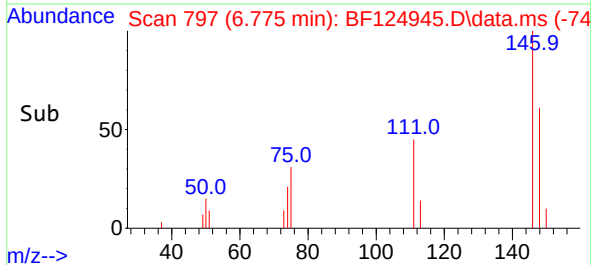
Tgt Ion: 93	Resp: 3825
Ion Ratio	Lower Upper
93 100	
63 64.3	54.4 94.4
95 28.8	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 8.616 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



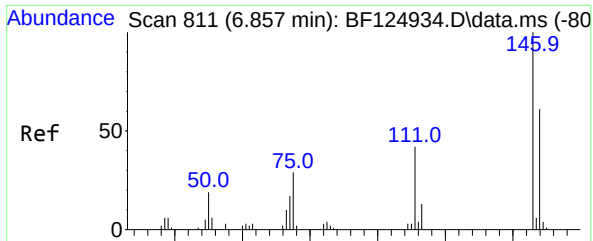
Tgt Ion:146	Resp: 4614		
Ion Ratio	Lower	Upper	
146 100			
148 60.6	49.7	74.5	
75 31.3	25.2	37.8	



Instrument :
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ClientSampleId :
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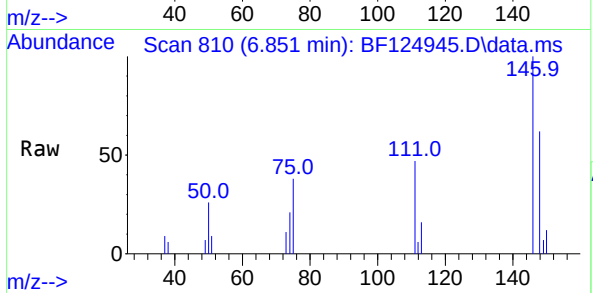
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#13
1,4-Dichlorobenzene
Concen: 8.181 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

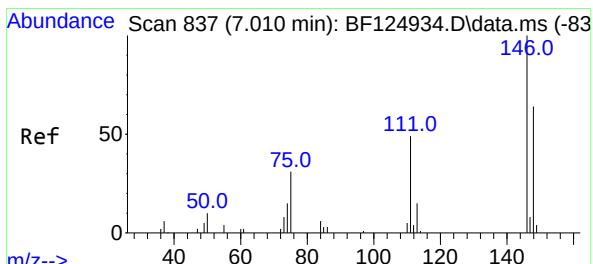
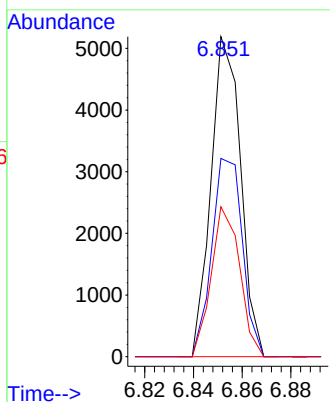
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



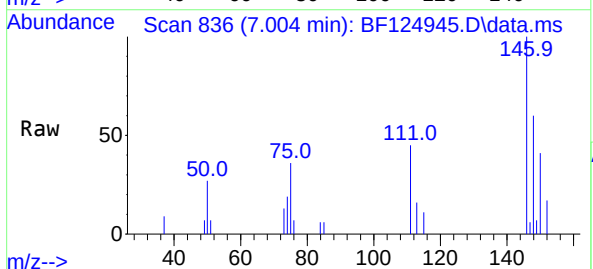
Tgt Ion:146 Resp: 4380
Ion Ratio Lower Upper
146 100
148 61.9 51.9 77.9
111 46.8 31.8 47.6

Manual Integrations
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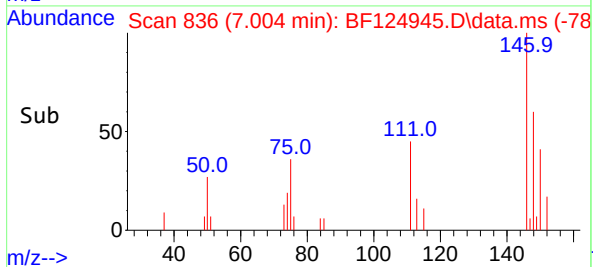
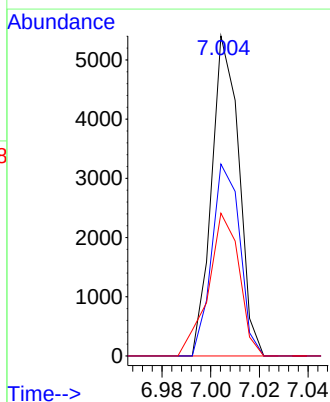
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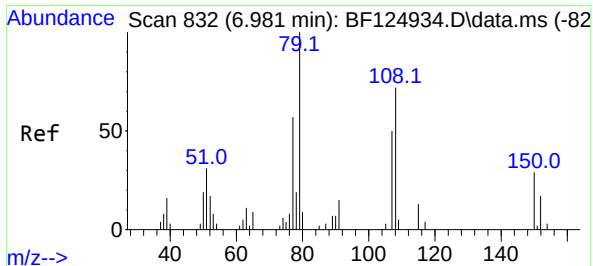


#14
1,2-Dichlorobenzene
Concen: 8.397 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion:146 Resp: 4213
Ion Ratio Lower Upper
146 100
148 60.0 50.6 75.8
111 44.6 33.5 50.3





#15

Benzyl Alcohol

Concen: 7.606 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:	79	Resp:	3103
Ion	Ratio	Lower	Upper
79	100		
108	84.6	60.4	90.6
77	64.6	51.5	77.3

Instrument :

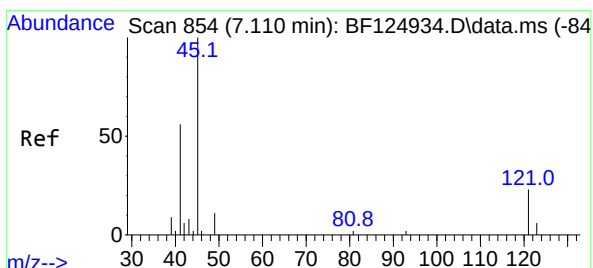
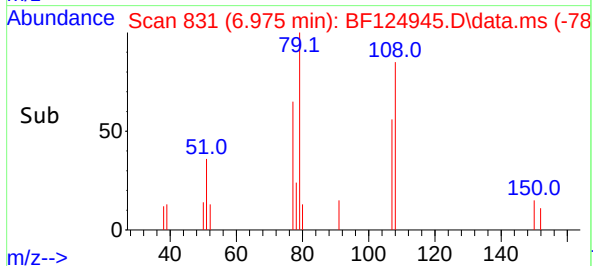
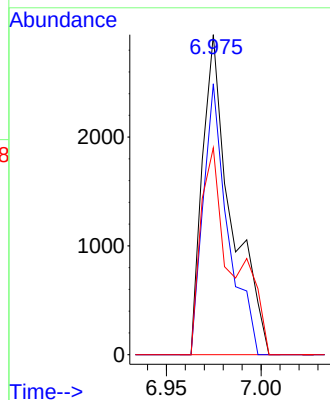
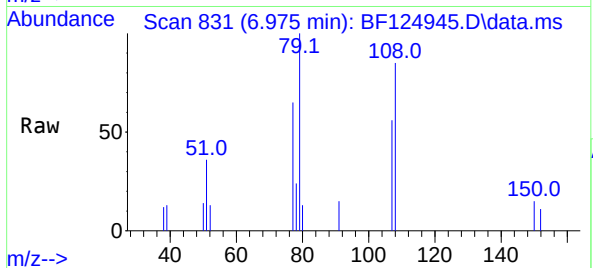
BNA_F

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.024 ng

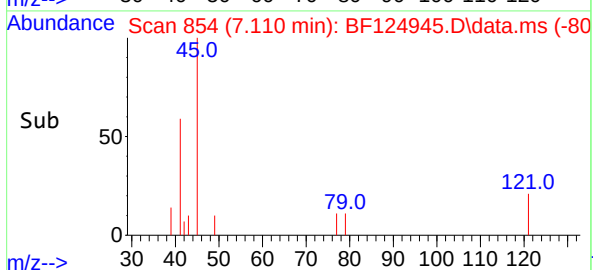
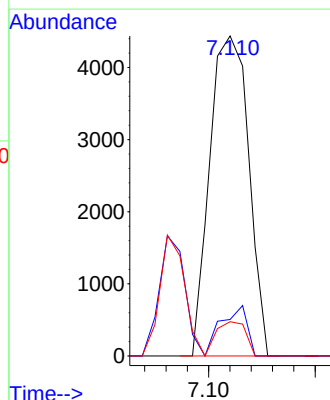
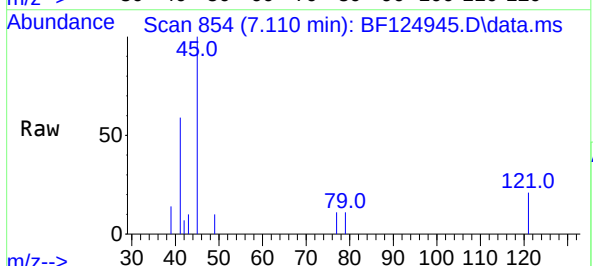
RT: 7.110 min Scan# 854

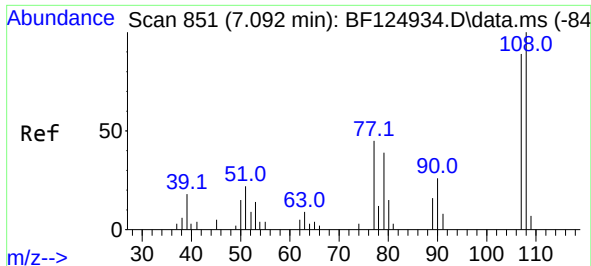
Delta R.T. 0.000 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

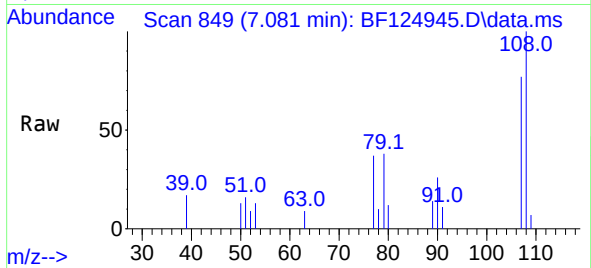
Tgt Ion:	45	Resp:	5628
Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.6
79	10.7	0.0	27.5





#17
2-Methylphenol
Concen: 8.080 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

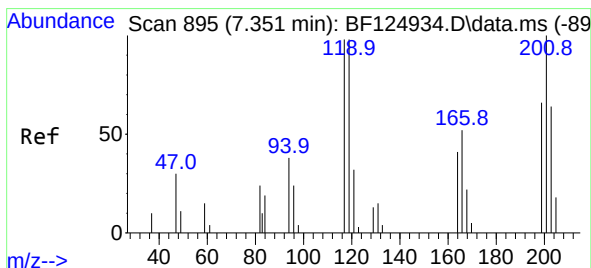
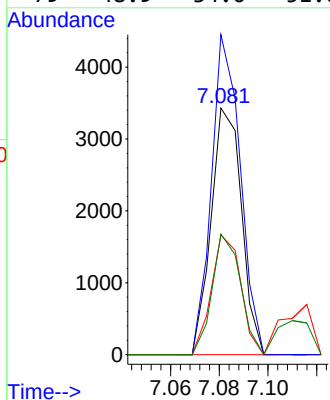
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



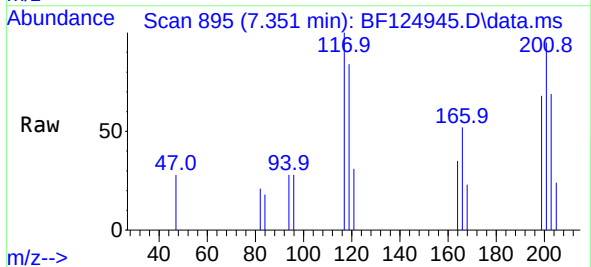
Tgt Ion:	107	Resp:	2976
Ion	Ratio	Lower	Upper
107	100		
108	129.8	90.6	135.8
77	48.6	35.7	53.5
79	48.9	34.0	51.0

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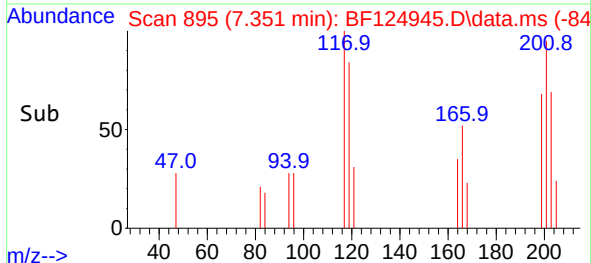
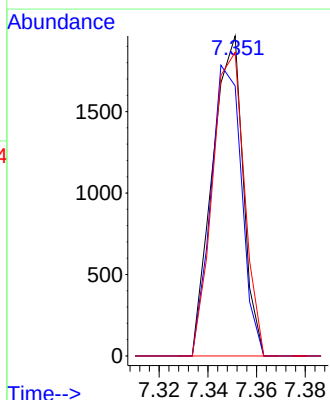
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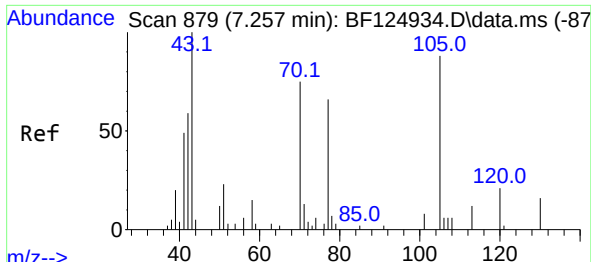


#18
Hexachloroethane
Concen: 8.153 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion:	117	Resp:	1709
Ion	Ratio	Lower	Upper
117	100		
119	84.4	73.4	110.2
201	94.9	64.9	97.3





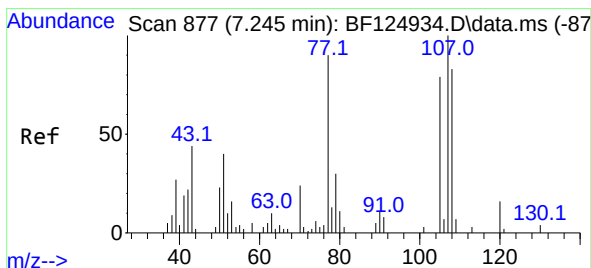
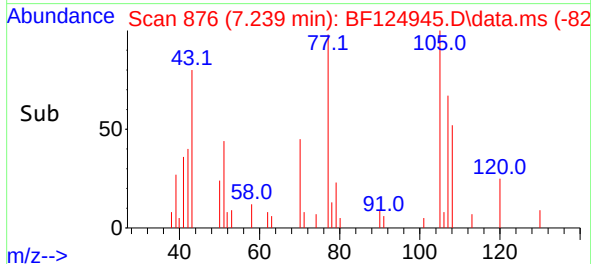
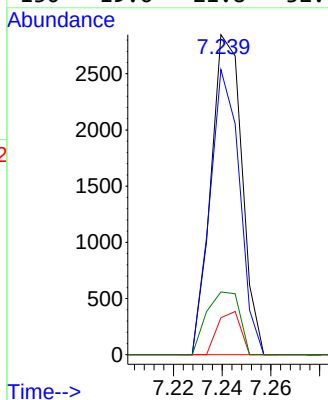
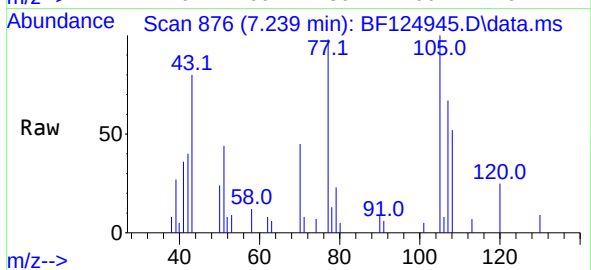
#19
n-Nitroso-di-n-propylamine
Concen: 7.503 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.018 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	70	Resp:	2518
Ion	Ratio	Lower	Upper
70	100		
42	89.1	72.2	108.2
101	11.6	7.8	11.8
130	19.6	21.8	32.6#

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

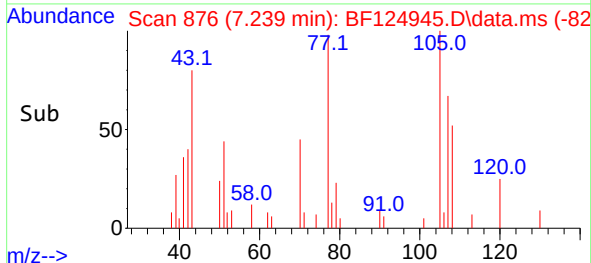
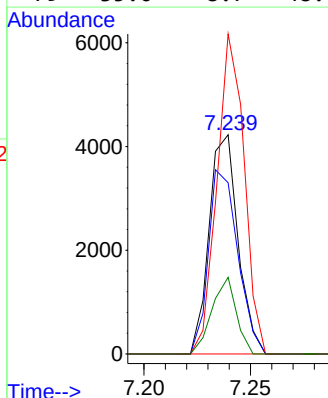
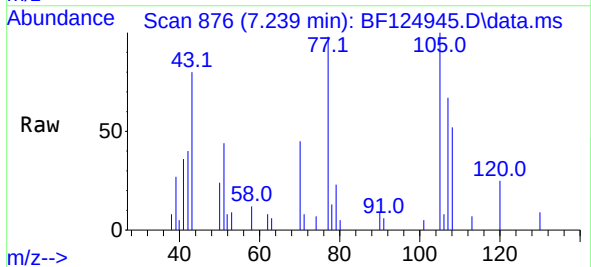
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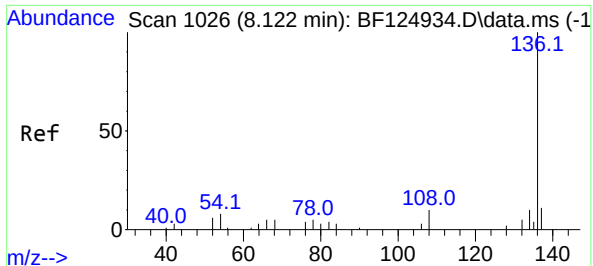
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#20
3+4-Methylphenols
Concen: 8.150 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	107	Resp:	3985
Ion	Ratio	Lower	Upper
107	100		
108	78.1	76.6	116.6
77	146.0	53.3	93.3#
79	35.0	8.7	48.7





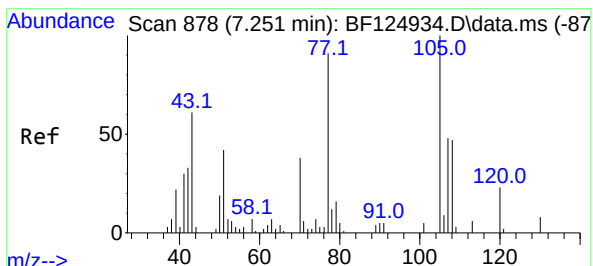
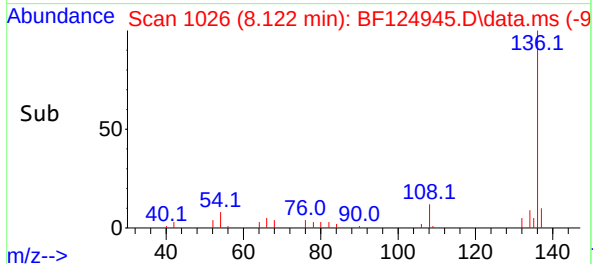
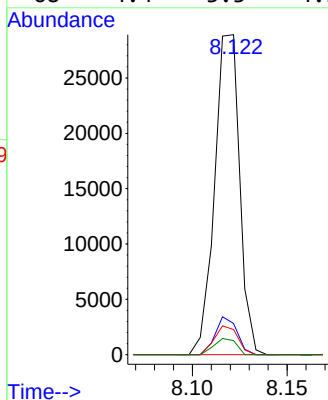
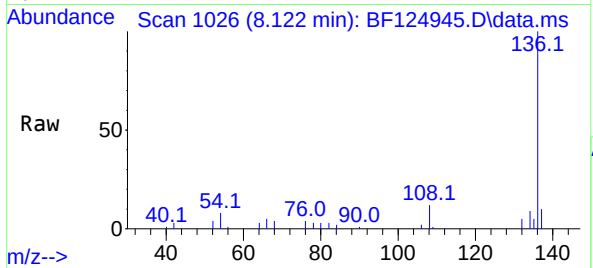
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	136	Resp:	26618
Ion Ratio	Lower	Upper	
136	100		
137	9.7	9.8	14.6#
54	7.8	6.4	9.6
68	4.4	3.3	4.9

Instrument :
BNA_F
ClientSampleId :
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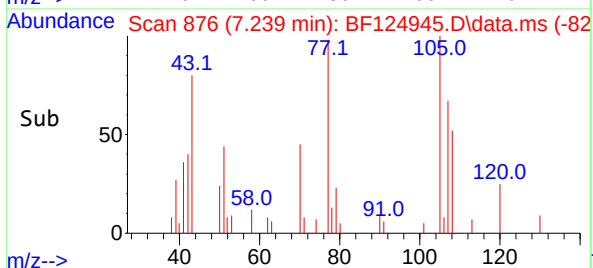
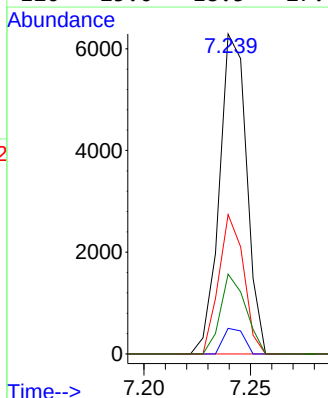
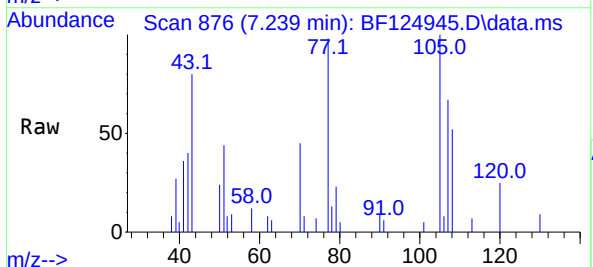
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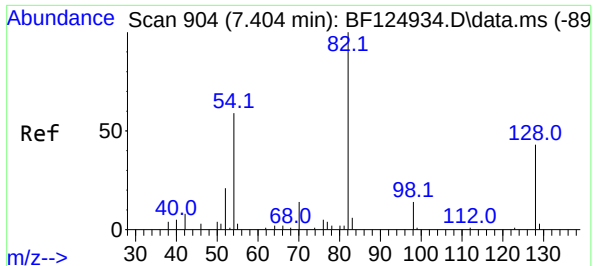
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#22
Acetophenone
Concen: 8.595 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	105	Resp:	5603
Ion Ratio	Lower	Upper	
105	100		
71	8.0	5.5	8.3
51	43.6	26.0	39.0#
120	25.0	18.5	27.7





#23

Nitrobenzene-d5

Concen: 67.902 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:	82	Resp:	34550
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	57.0	49.6	74.4

Instrument :

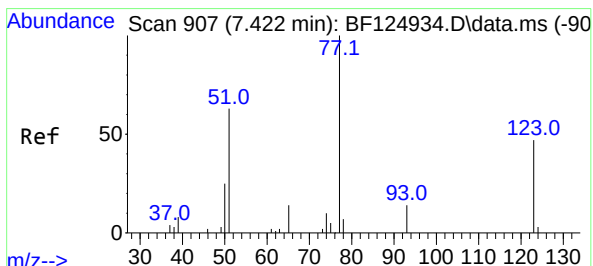
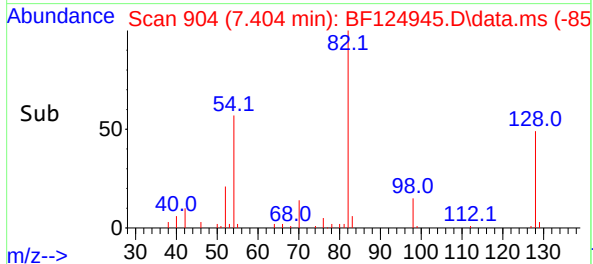
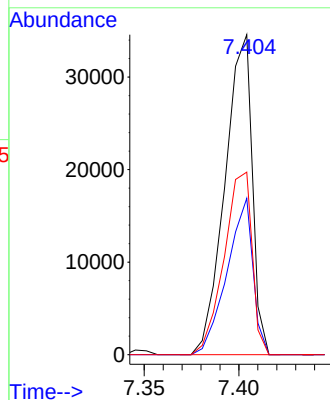
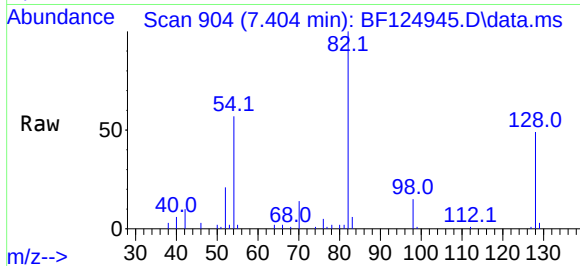
BNA_F

ClientSampleId :

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#24

Nitrobenzene

Concen: 8.136 ng

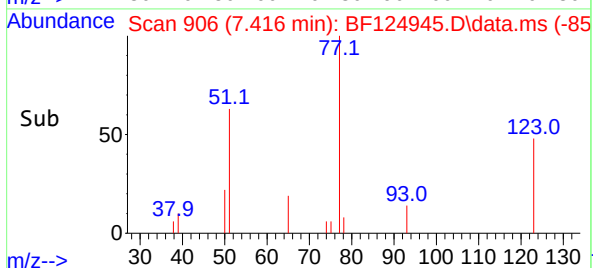
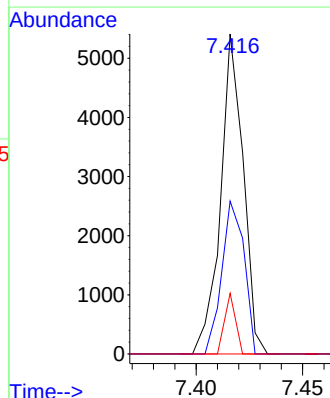
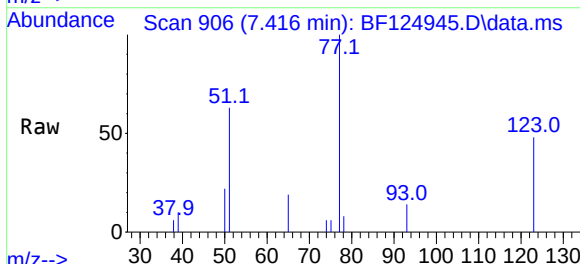
RT: 7.416 min Scan# 906

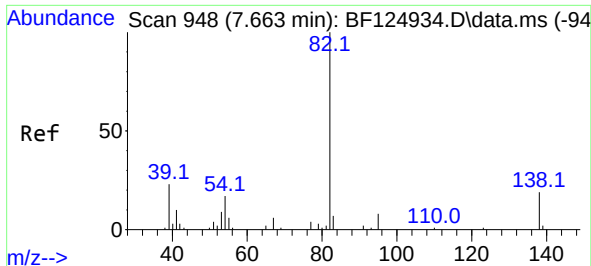
Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:	77	Resp:	4006
Ion	Ratio	Lower	Upper
77	100		
123	47.8	42.3	63.5
65	19.0	12.4	18.6#





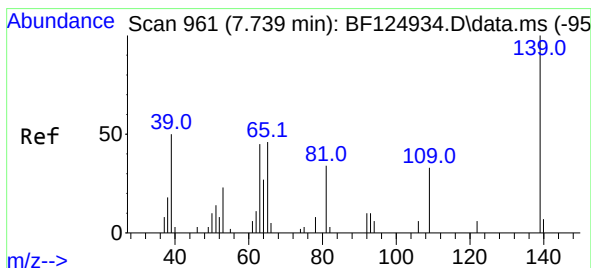
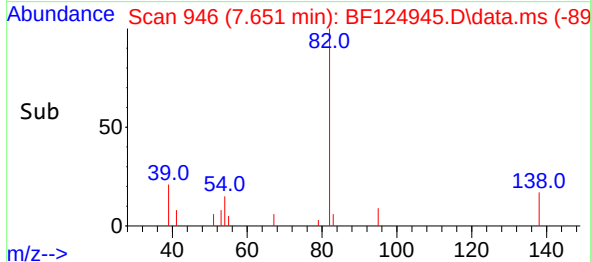
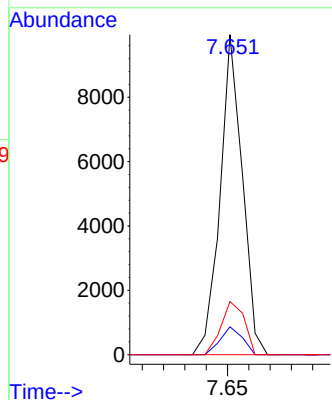
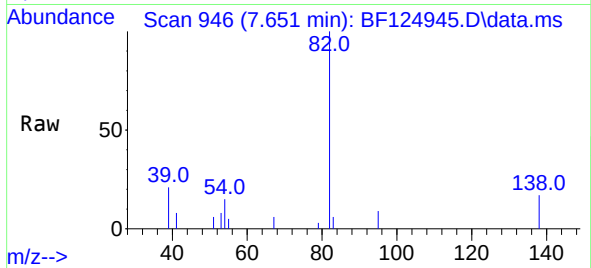
#25
Isophorone
Concen: 8.287 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	82	Resp:	7197
Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.5	9.7
138	16.6	18.4	27.6#

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

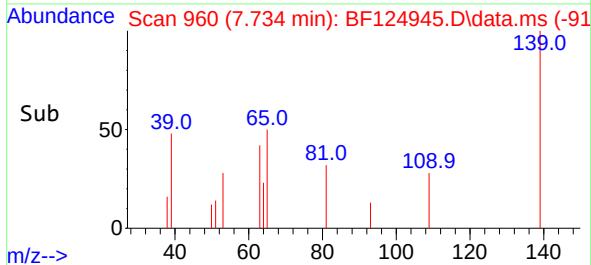
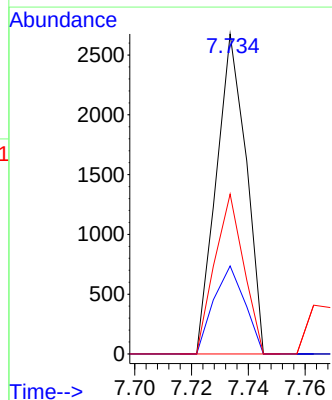
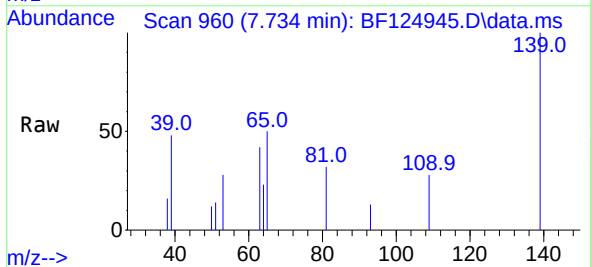
Manual Integrations
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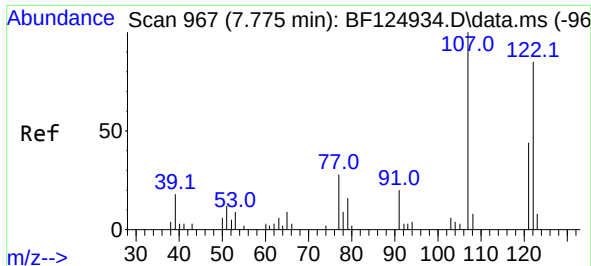
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#26
2-Nitrophenol
Concen: 7.795 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	139	Resp:	1949
Ion	Ratio	Lower	Upper
139	100		
109	27.5	26.0	39.0
65	50.0	31.0	46.4#





#27

2,4-Dimethylphenol

Concen: 9.407 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:	122	Resp:	3334
Ion	Ratio	Lower	Upper
122	100		
107	122.0	85.0	127.6
121	49.6	43.3	64.9

Instrument :

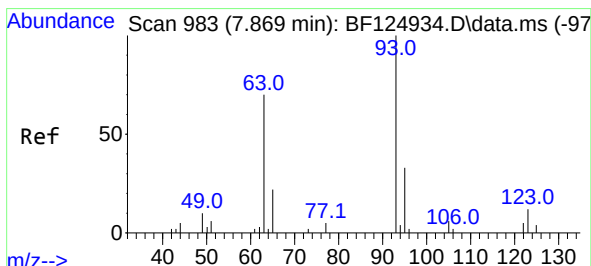
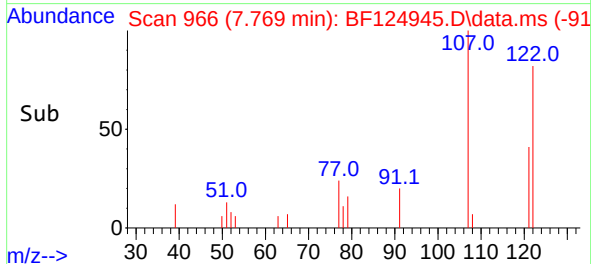
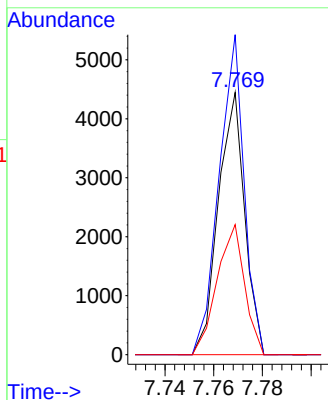
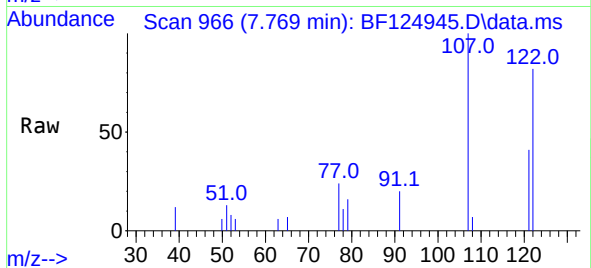
BNA_F

ClientSampleId :

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#28

bis(2-Chloroethoxy)methane

Concen: 9.450 ng

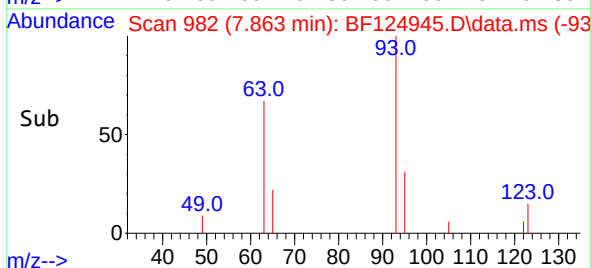
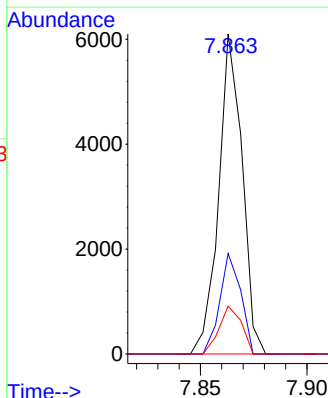
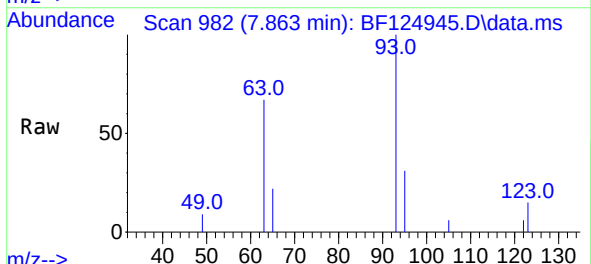
RT: 7.863 min Scan# 982

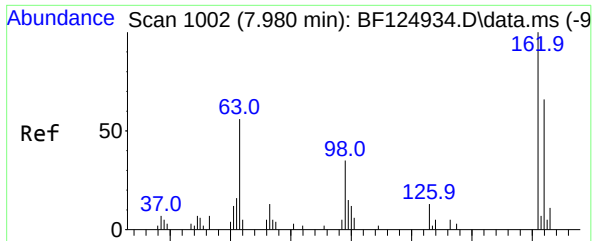
Delta R.T. -0.006 min

Lab File: BF124945.D

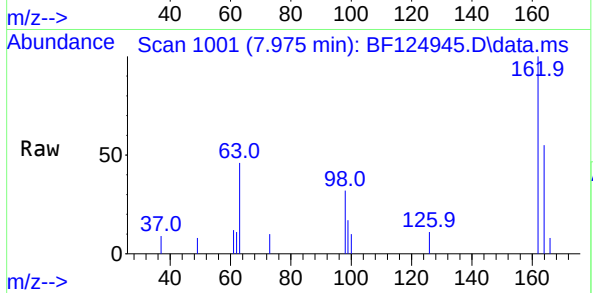
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Tgt Ion:	93	Resp:	4671
Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.1	39.1
123	14.9	11.7	17.5

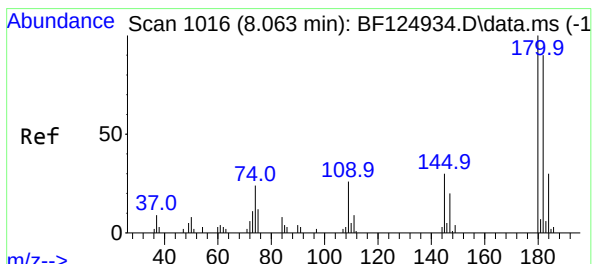
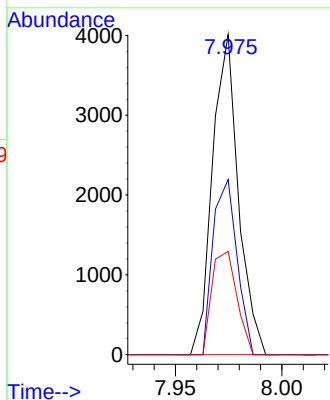
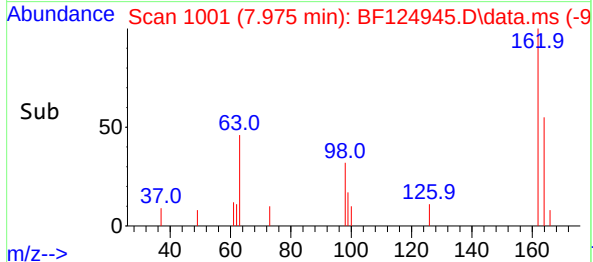




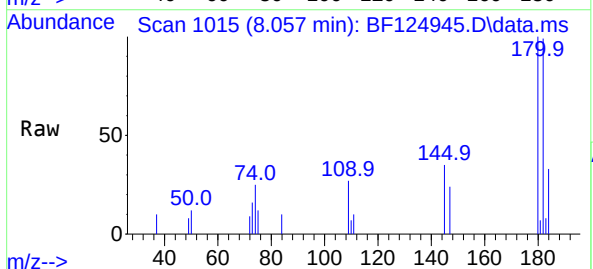
#29
2,4-Dichlorophenol
Concen: 8.572 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



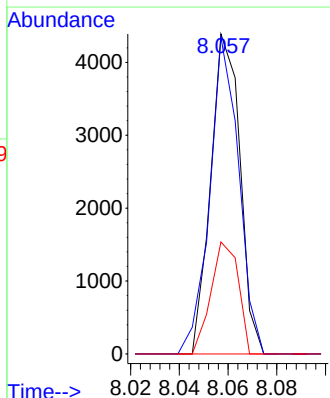
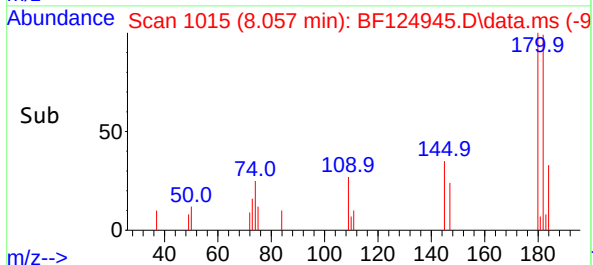
Tgt Ion:162 Resp: 3385
Ion Ratio Lower Upper
162 100
164 54.8 44.5 84.5
98 32.3 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 8.269 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



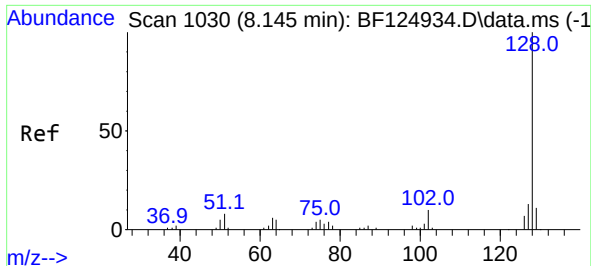
Tgt Ion:180 Resp: 3659
Ion Ratio Lower Upper
180 100
182 99.0 76.8 115.2
145 35.0 26.7 40.1



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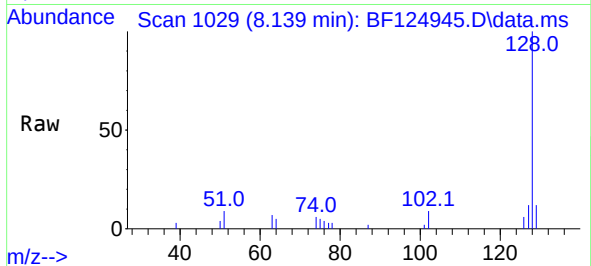
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#31
Naphthalene
Concen: 8.440 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

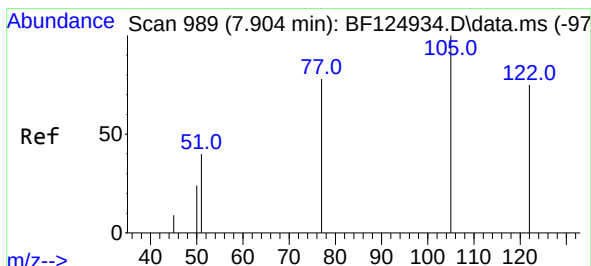
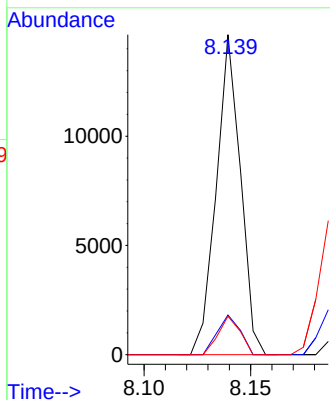
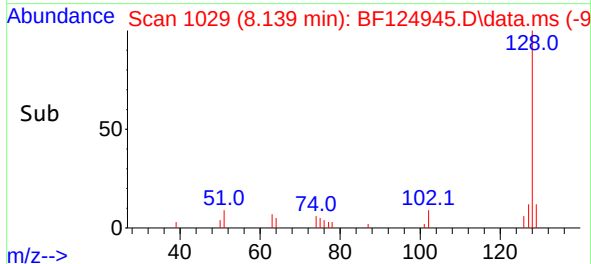
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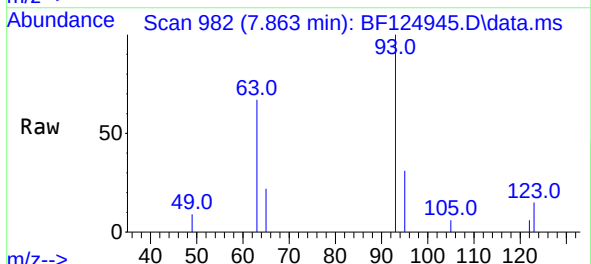
Tgt Ion:128 Resp: 11542
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 12.0 10.9 16.3

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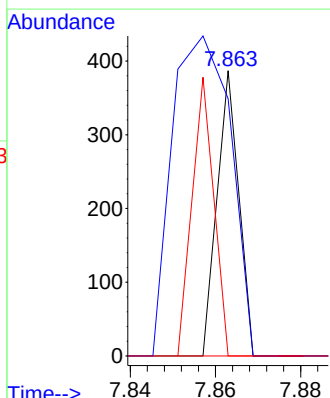
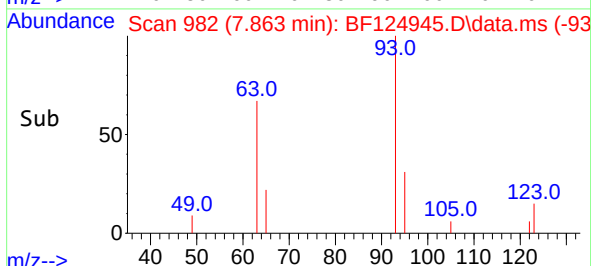
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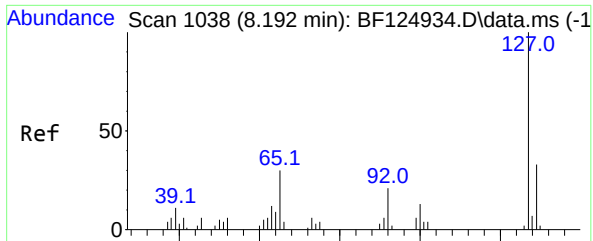


#32
Benzoic acid
Concen: 7.992 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



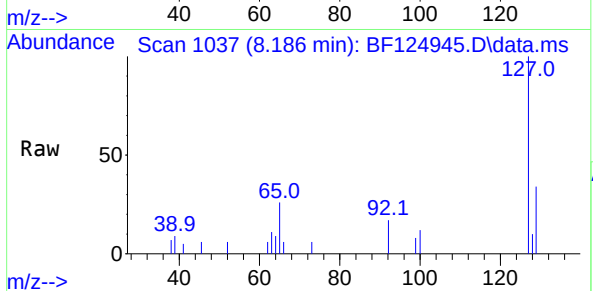
Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 90.2 97.6 137.6#
77 0.0 59.6 99.6#





#33
4-Chloroaniline
Concen: 9.436 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

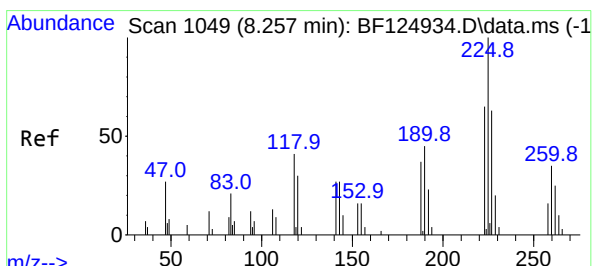
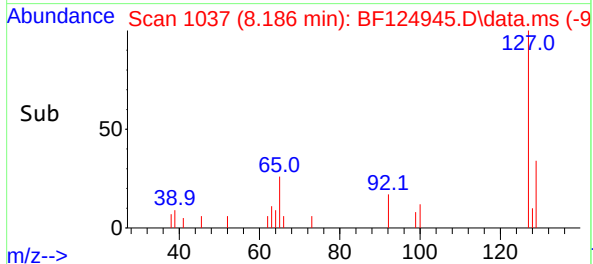
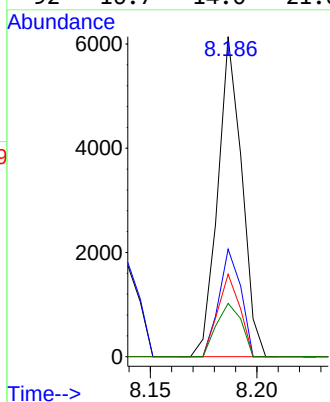
Instrument :
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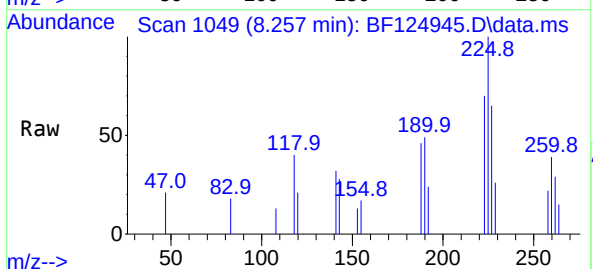
Tgt Ion:	127	Resp:	4809
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	25.7	21.2	31.8
92	16.7	14.0	21.0

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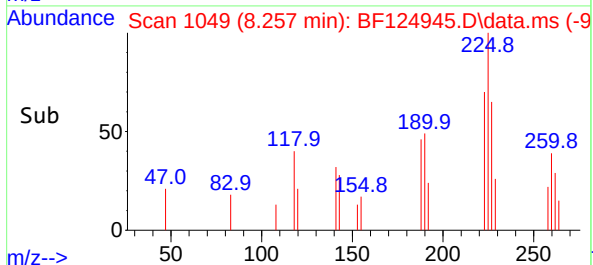
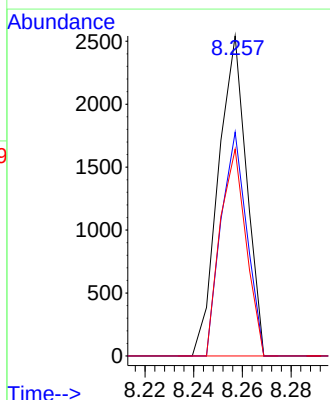
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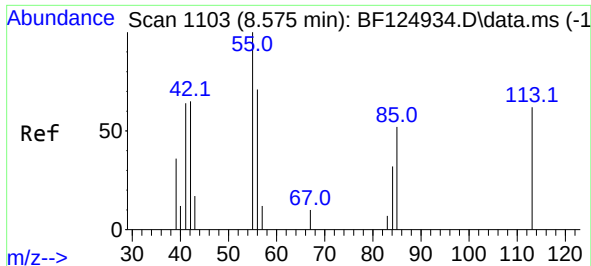


#34
Hexachlorobutadiene
Concen: 7.727 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion:	225	Resp:	2042
Ion	Ratio	Lower	Upper
225	100		
223	69.9	50.6	76.0
227	64.6	50.6	75.8





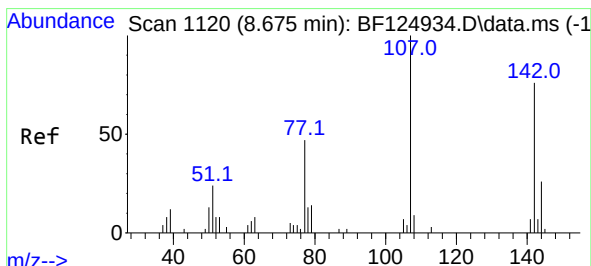
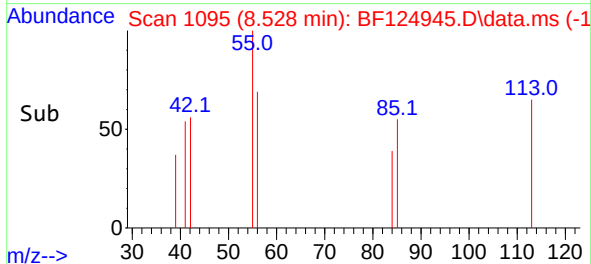
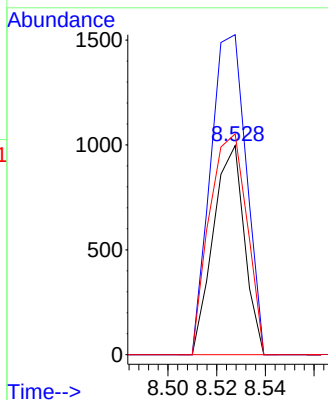
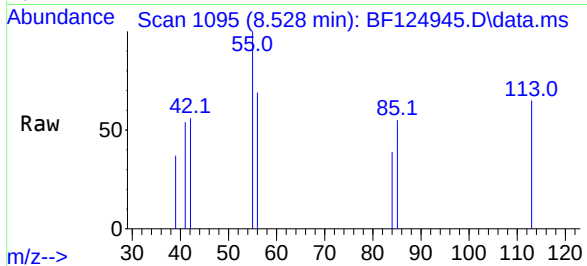
#35
Caprolactam
Concen: 8.488 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.047 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:113 Resp: 890
Ion Ratio Lower Upper
113 100
55 153.1 154.1 194.1#
56 105.6 108.7 148.7#

Instrument :
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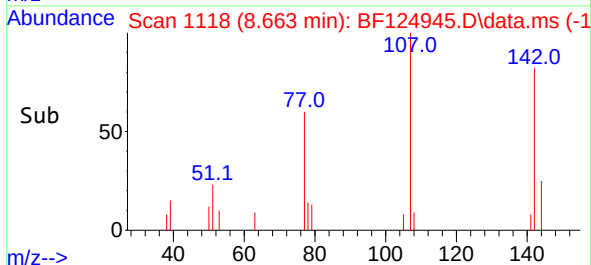
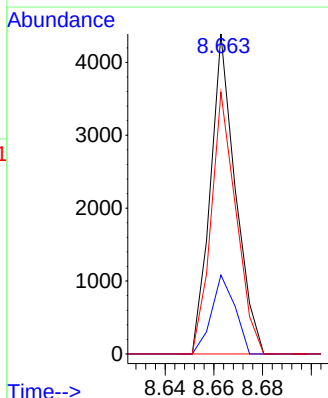
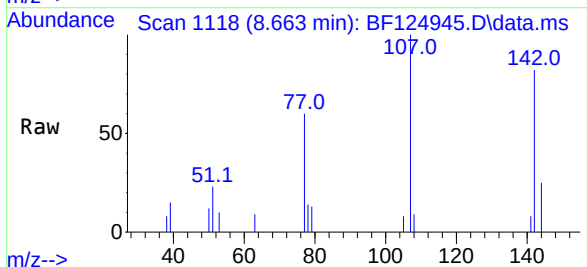
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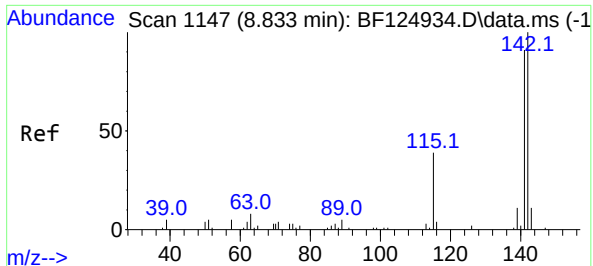
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#36
4-Chloro-3-methylphenol
Concen: 7.604 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF124945.D
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Tgt Ion:107 Resp: 3141
Ion Ratio Lower Upper
107 100
144 24.6 21.9 32.9
142 81.8 67.1 100.7





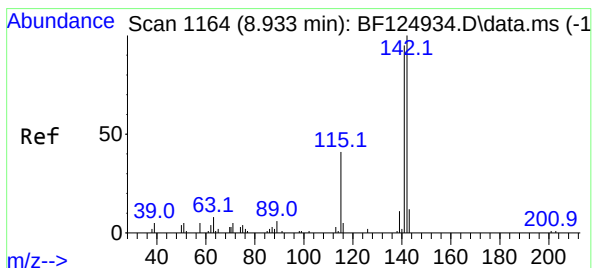
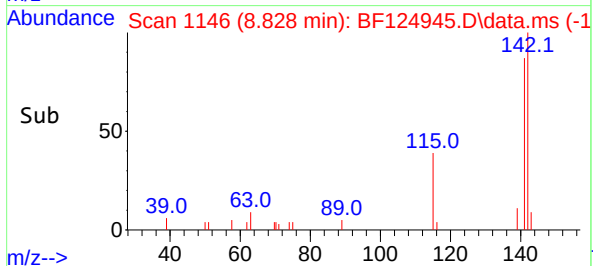
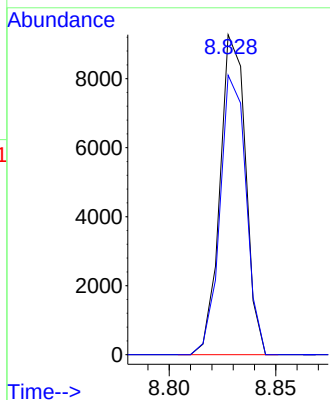
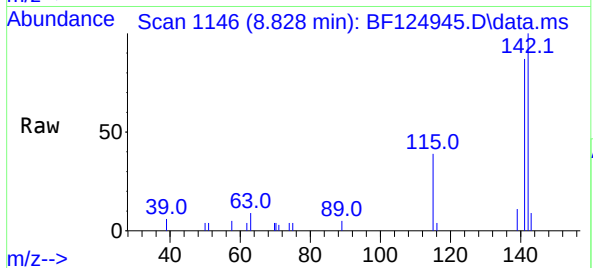
#37
2-Methylnaphthalene
Concen: 8.472 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF124945.D
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ClientSampleId :
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Tgt Ion:142 Resp: 7790
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8

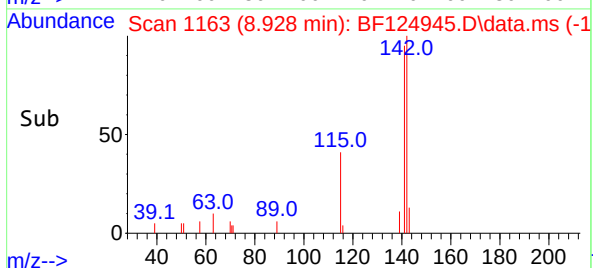
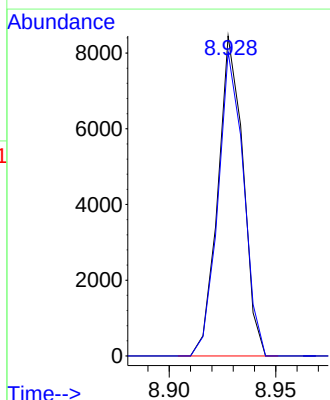
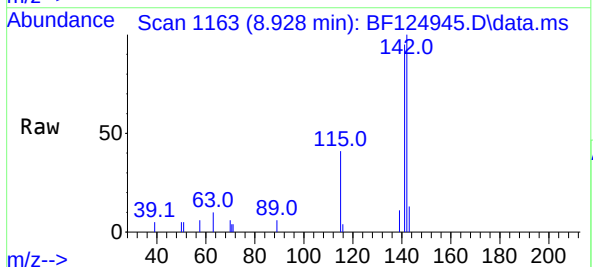
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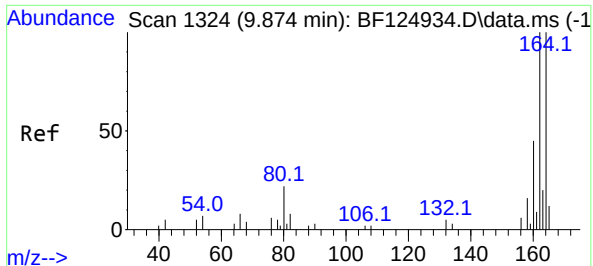
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#38
1-Methylnaphthalene
Concen: 8.047 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:142 Resp: 6923
Ion Ratio Lower Upper
142 100
141 95.1 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF124945.D

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Tgt Ion:	164	Resp:	14680
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	46.9	38.0	57.0

Instrument :

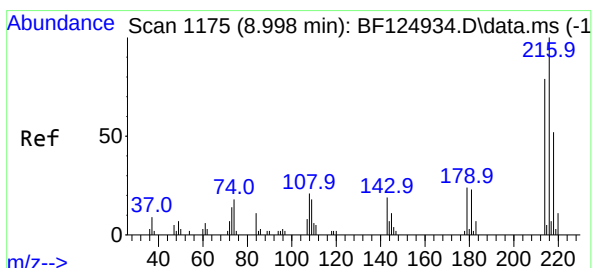
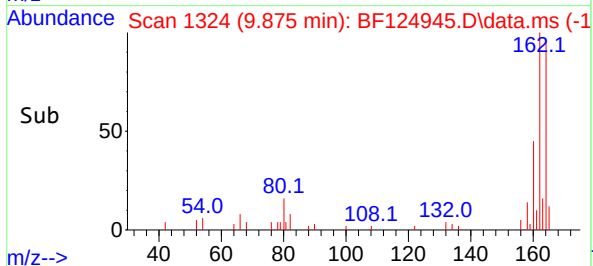
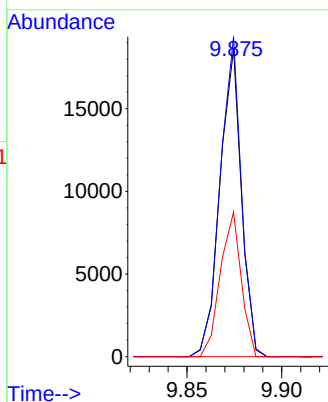
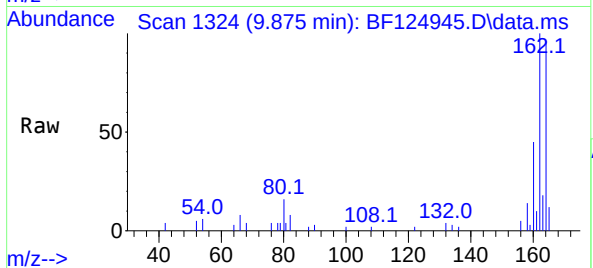
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.653 ng

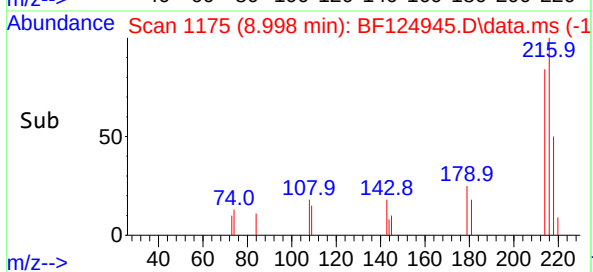
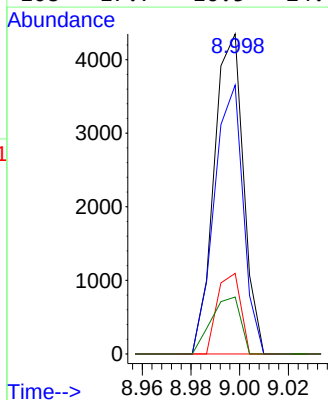
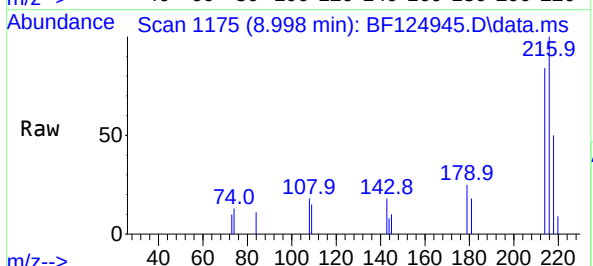
RT: 8.998 min Scan# 1175

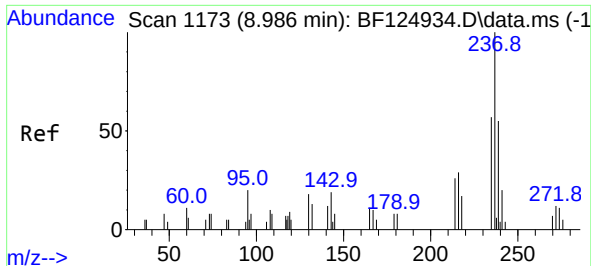
Delta R.T. 0.000 min

Lab File: BF124945.D

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Tgt Ion:	216	Resp:	3646
Ion	Ratio	Lower	Upper
216	100		
214	82.7	64.9	97.3
179	19.9	17.4	26.2
108	17.7	16.5	24.7





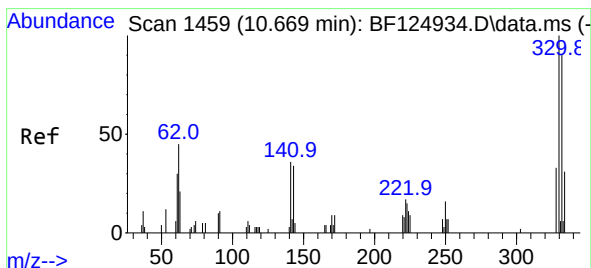
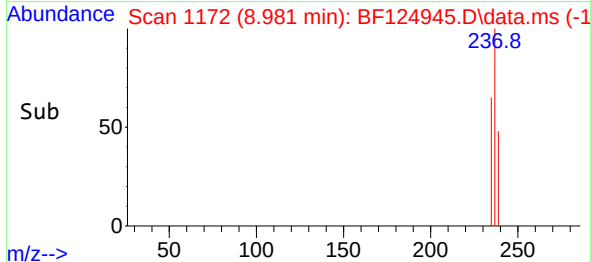
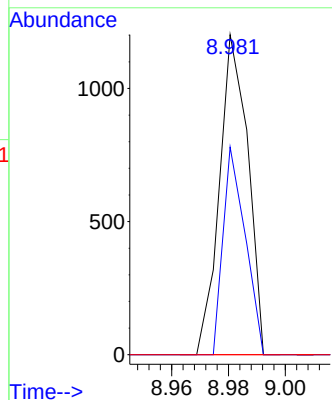
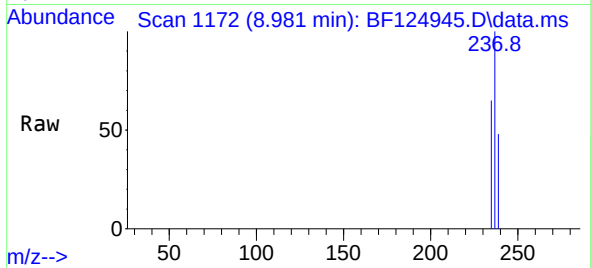
#41
Hexachlorocyclopentadiene
Concen: 10.246 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	237	Resp:	835
Ion Ratio	Lower	Upper	
237	100		
235	64.9	44.7	84.7
272	0.0	0.0	31.6

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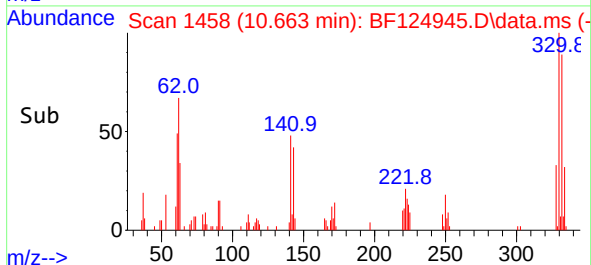
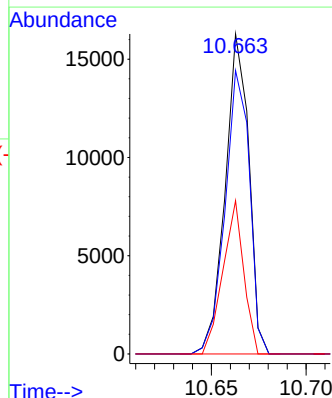
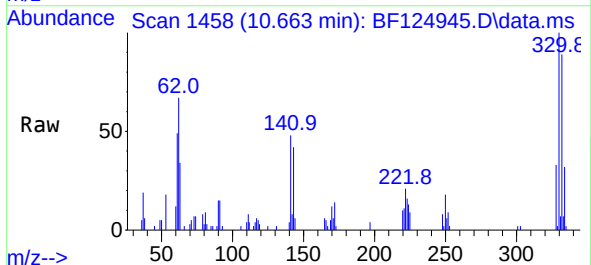
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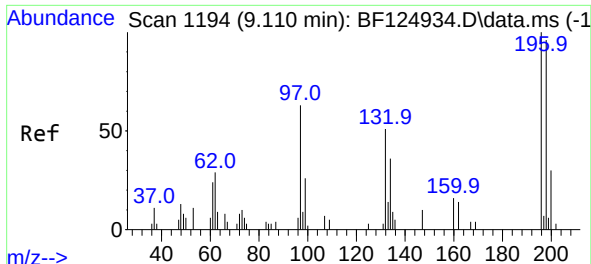
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#42
2,4,6-Tribromophenol
Concen: 107.647 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	330	Resp:	14118
Ion Ratio	Lower	Upper	
330	100		
332	91.5	76.2	114.4
141	42.3	44.6	66.8#





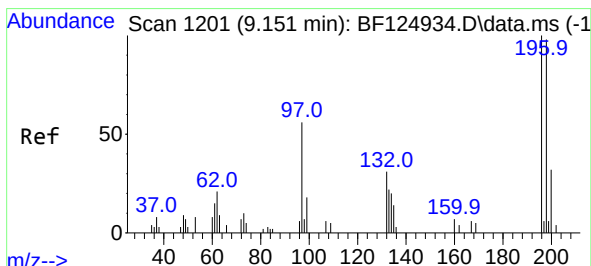
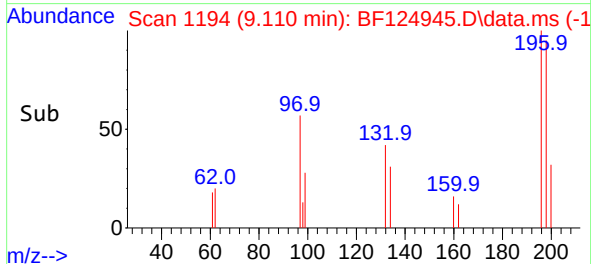
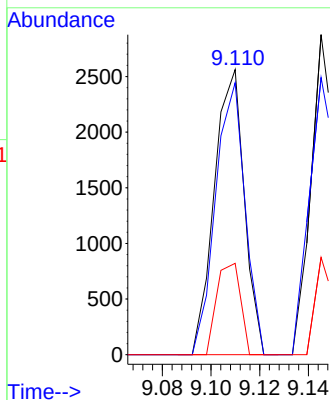
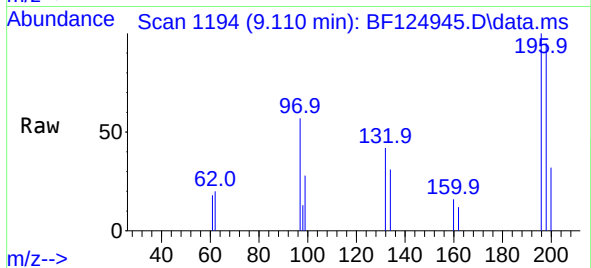
#43
2,4,6-Trichlorophenol
Concen: 7.807 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:196 Resp: 2190
Ion Ratio Lower Upper
196 100
198 95.4 74.9 112.3
200 32.1 27.0 40.4

Instrument :
BNA_F
ClientSampleId :
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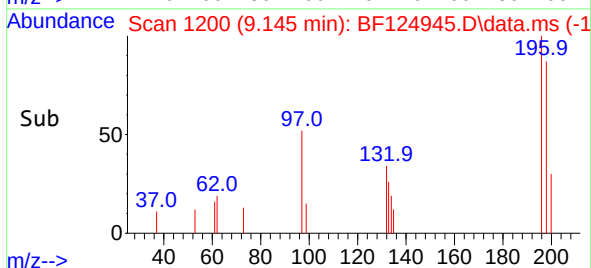
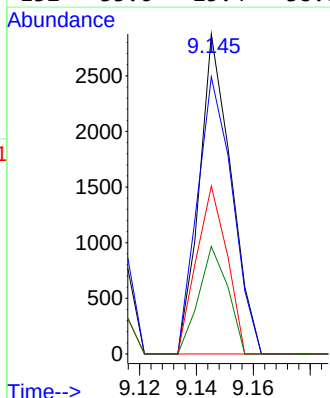
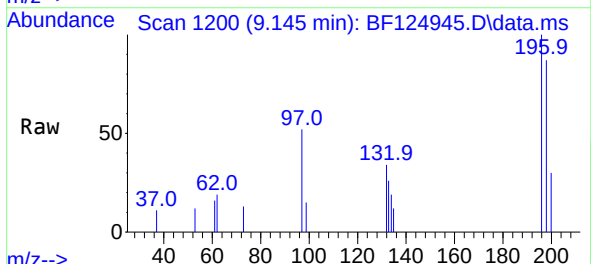
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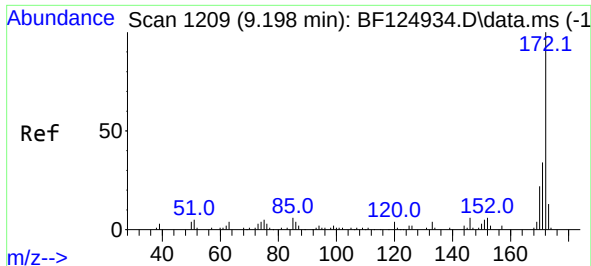
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#44
2,4,5-Trichlorophenol
Concen: 7.878 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:196 Resp: 2237
Ion Ratio Lower Upper
196 100
198 86.6 80.2 120.2
97 52.4 44.0 66.0
132 33.6 25.4 38.0





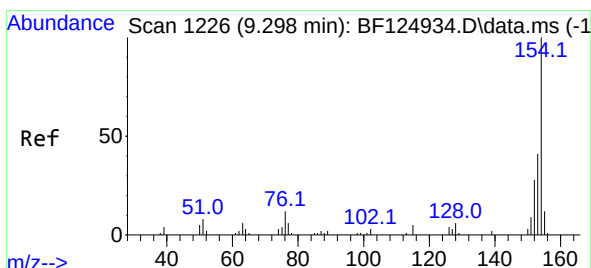
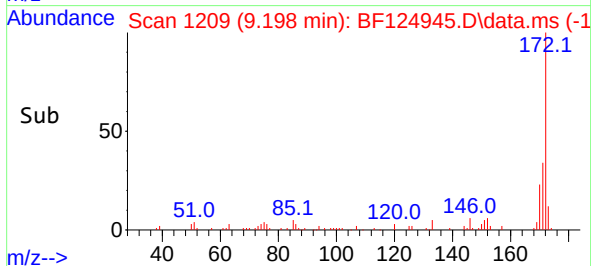
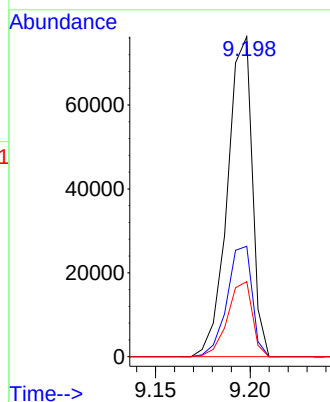
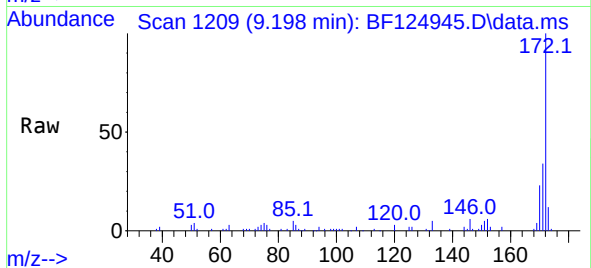
#45
2-Fluorobiphenyl
Concen: 69.081 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:172 Resp: 69306
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.4 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

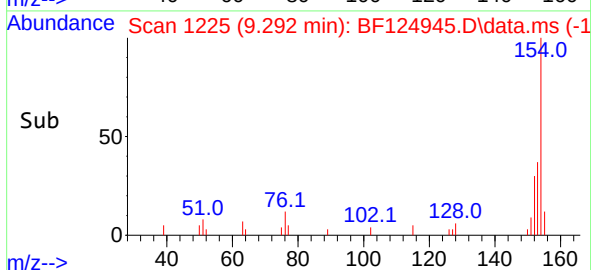
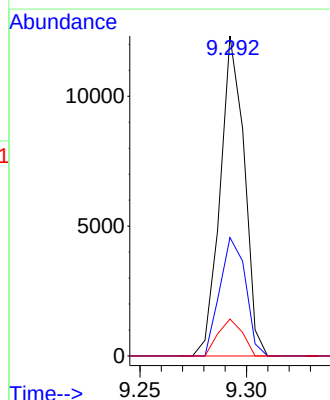
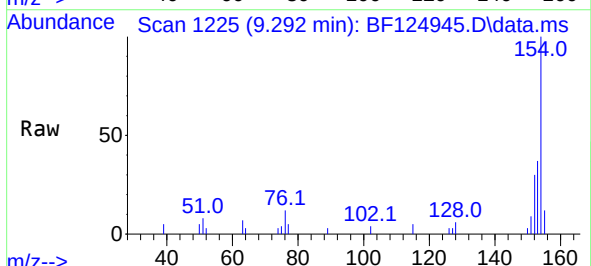
Manual Integrations
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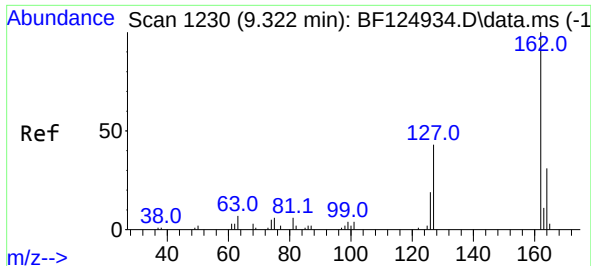
mohammad
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#46
1,1'-Biphenyl
Concen: 8.866 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

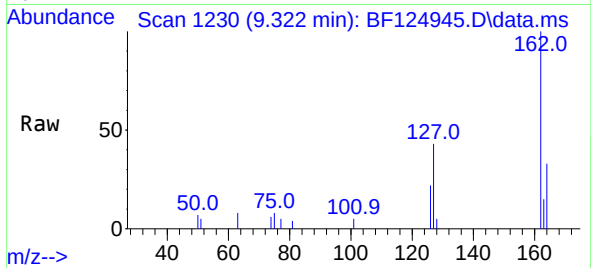
Tgt Ion:154 Resp: 9699
Ion Ratio Lower Upper
154 100
153 37.0 20.0 60.0
76 11.5 0.0 30.3





#47
2-Chloronaphthalene
Concen: 8.555 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

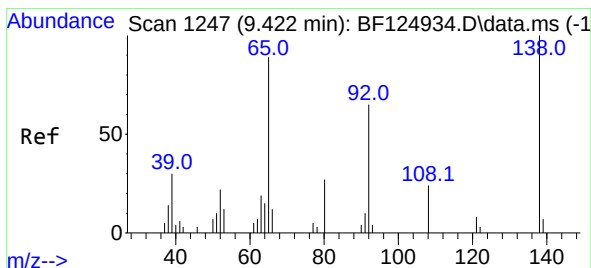
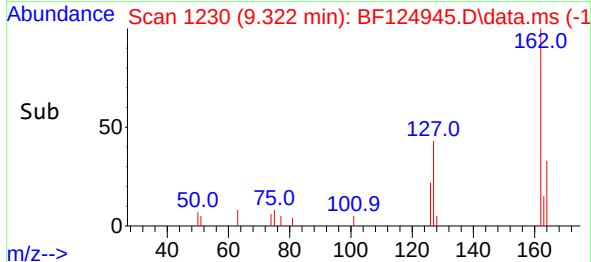
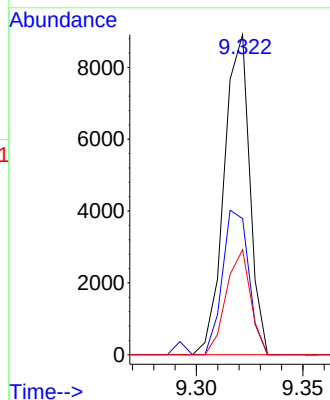
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



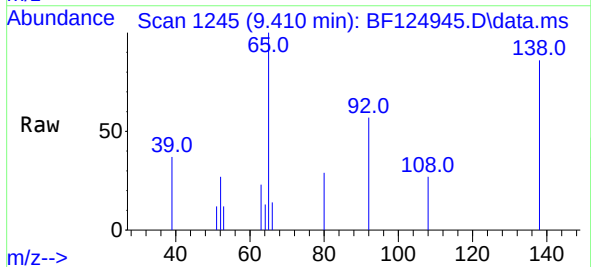
Tgt Ion:162 Resp: 7446
Ion Ratio Lower Upper
162 100
127 42.5 33.0 49.4
164 32.8 25.8 38.8

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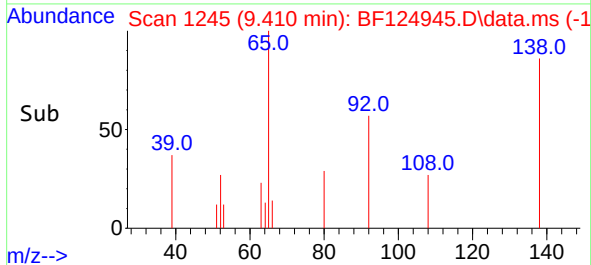
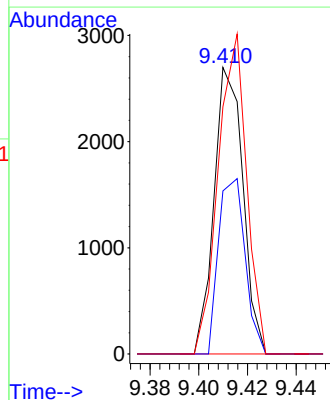
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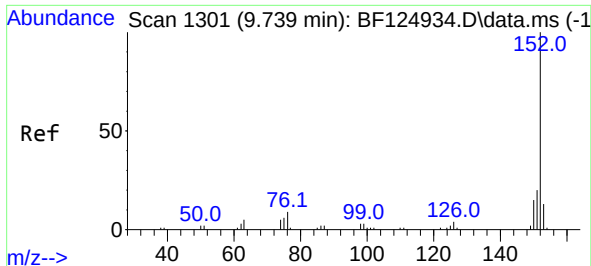


#48
2-Nitroaniline
Concen: 8.683 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



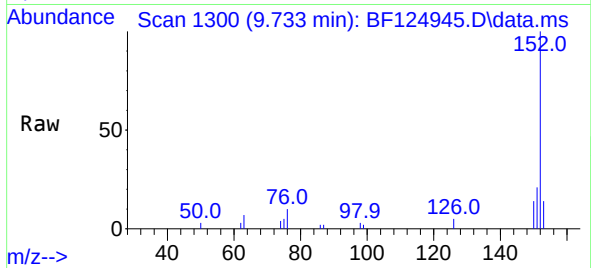
Tgt Ion: 65 Resp: 2220
Ion Ratio Lower Upper
65 100
92 56.9 55.5 83.3
138 86.3 93.5 140.3#





#49
Acenaphthylene
Concen: 8.628 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

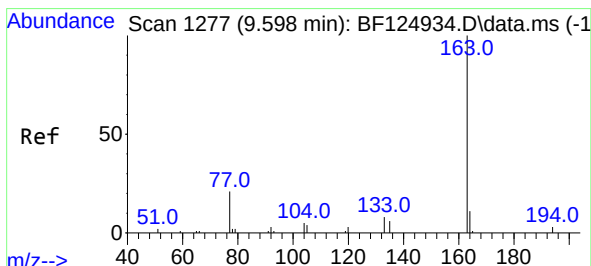
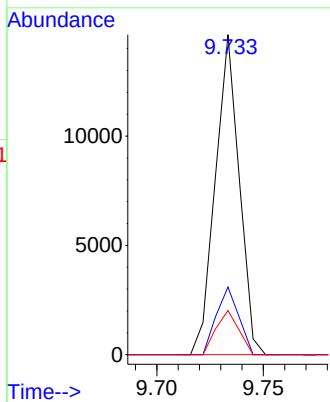
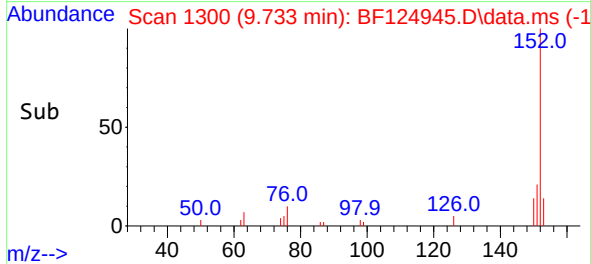
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



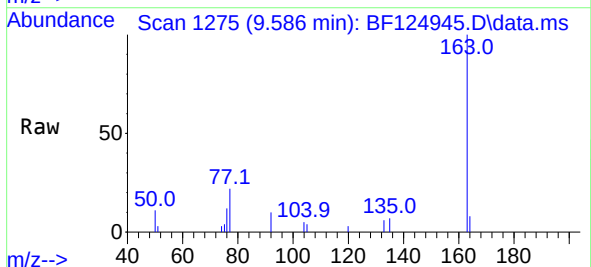
Tgt Ion:152 Resp: 11406
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 13.8 9.8 14.8

Manual Integrations
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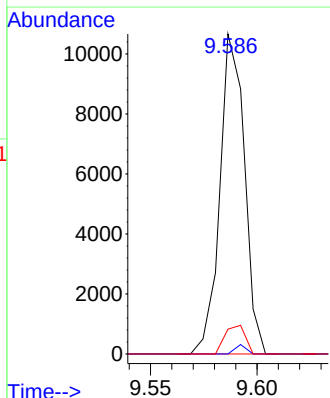
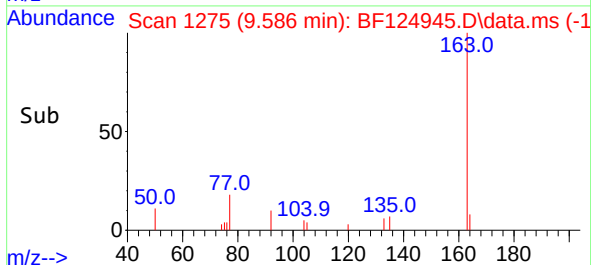
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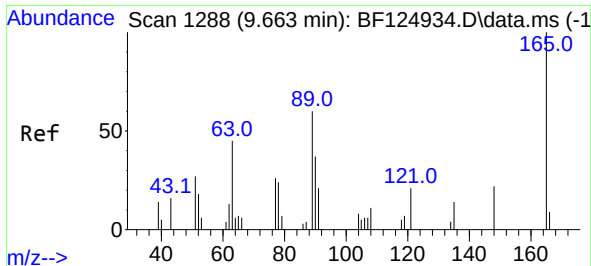


#50
Dimethylphthalate
Concen: 8.585 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion:163 Resp: 8540
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 7.8 7.4 11.0





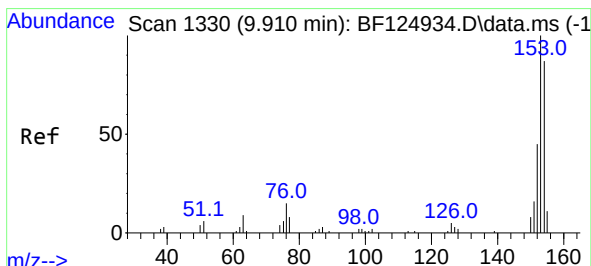
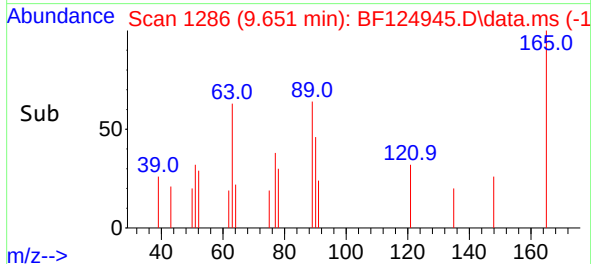
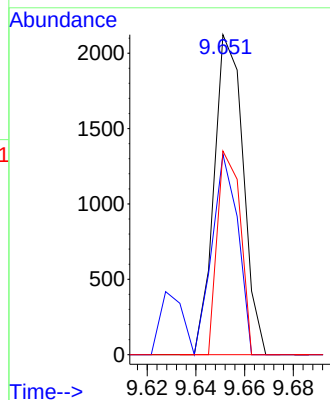
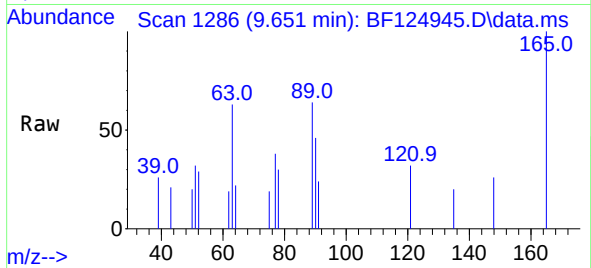
#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	165	Resp:	1761
Ion	Ratio	Lower	Upper
165	100		
63	62.6	42.6	63.8
89	63.6	40.6	60.8#

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

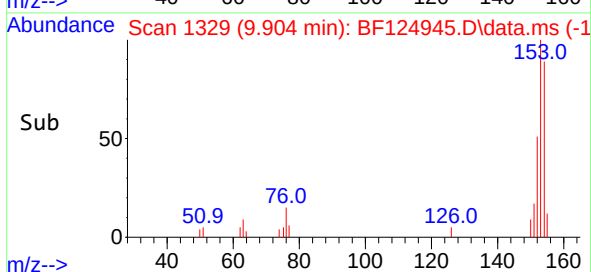
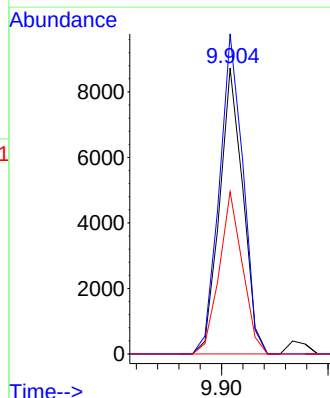
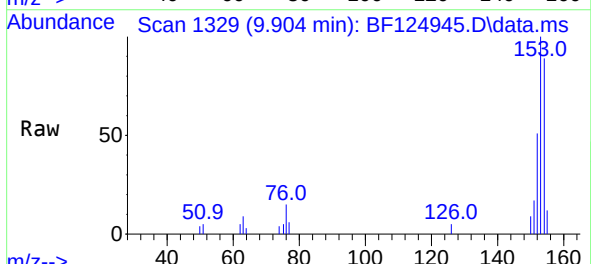
Manual Integrations
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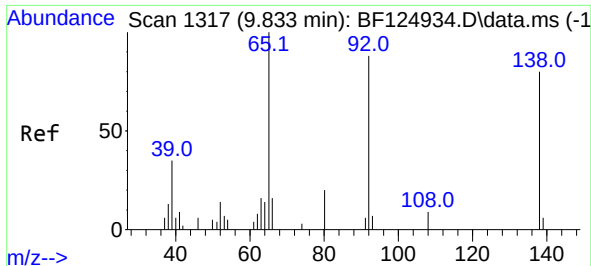
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#52
Acenaphthene
Concen: 8.285 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

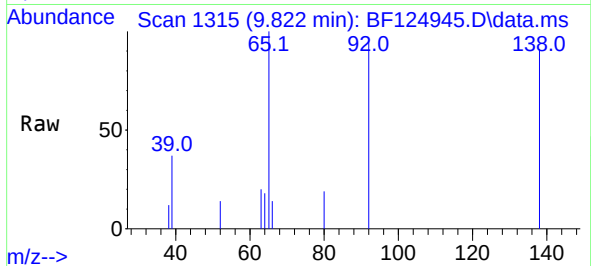
Tgt Ion:	154	Resp:	6640
Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.2
152	56.8	40.5	60.7





#53
3-Nitroaniline
Concen: 8.251 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

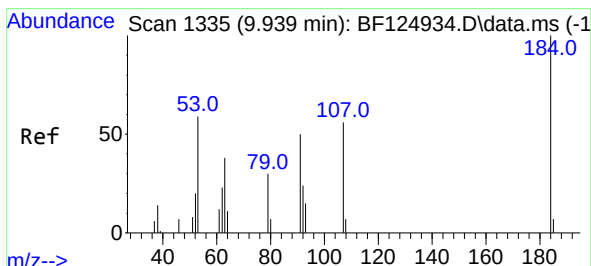
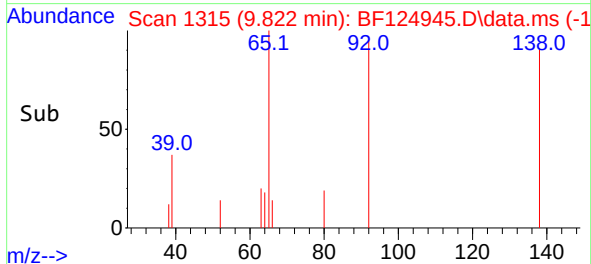
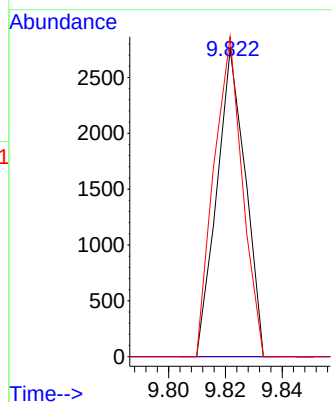
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



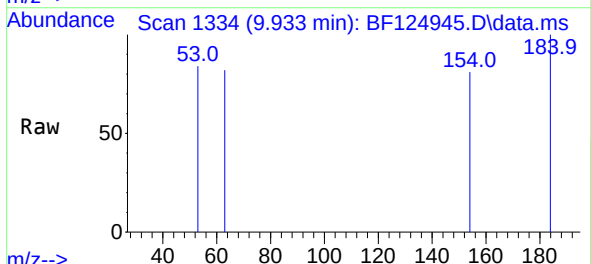
Tgt Ion:138 Resp: 1925
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 104.0 76.5 114.7

Manual Integrations
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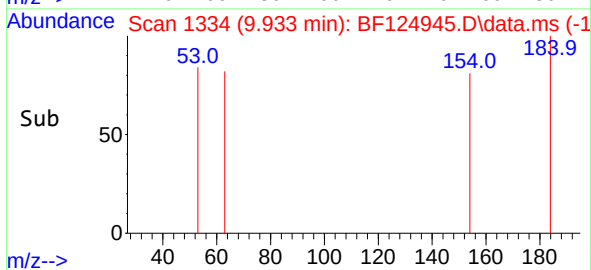
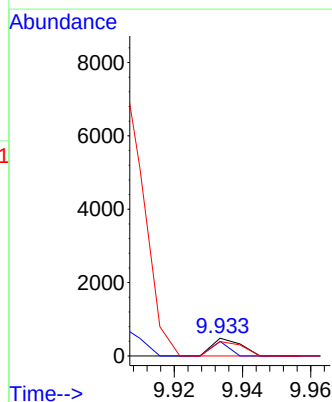
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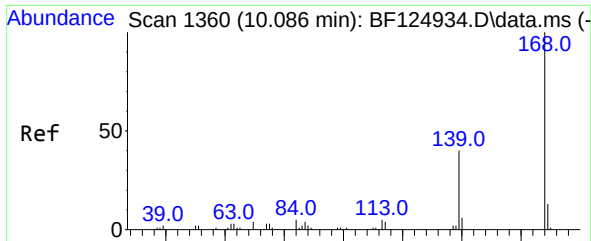


#54
2,4-Dinitrophenol
Concen: 7.808 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



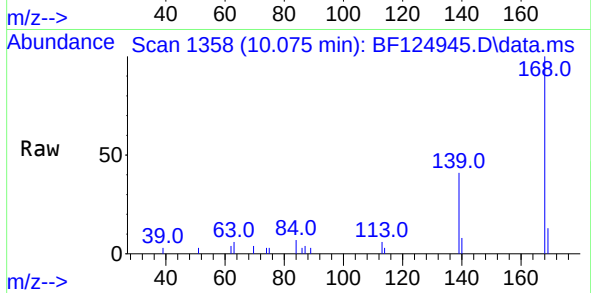
Tgt Ion:184 Resp: 287
Ion Ratio Lower Upper
184 100
63 81.6 59.3 88.9
154 81.2 68.6 102.8





#55
Dibenzofuran
Concen: 8.349 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

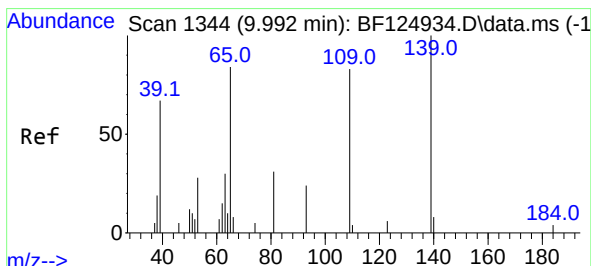
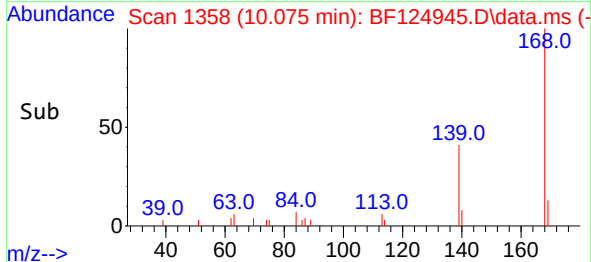
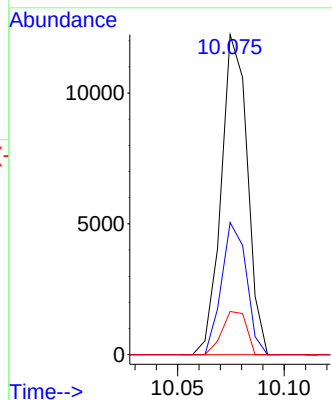
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:168 Resp: 10457
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 13.5 11.2 16.8

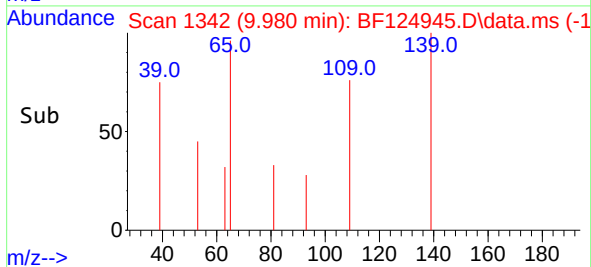
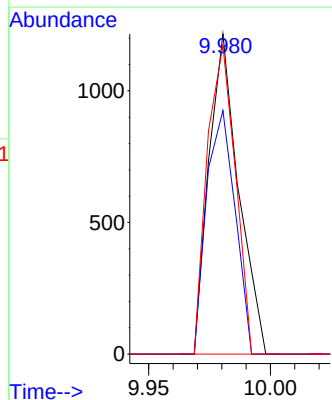
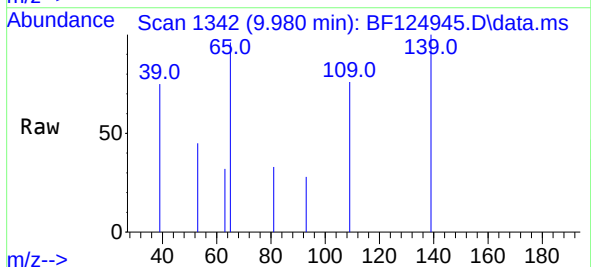
Manual Integrations
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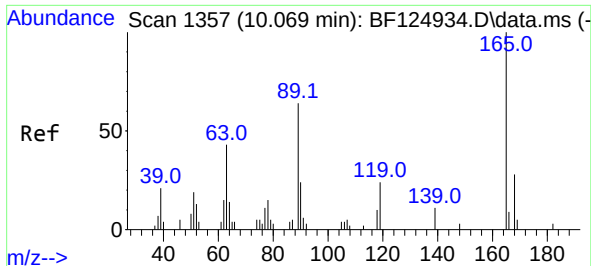
mohammad
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#56
4-Nitrophenol
Concen: 6.691 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

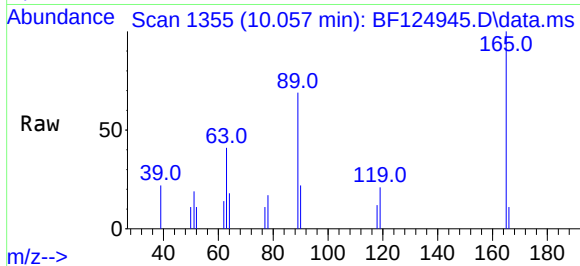
Tgt Ion:139 Resp: 1029
Ion Ratio Lower Upper
139 100
109 76.1 60.4 100.4
65 96.4 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 7.707 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

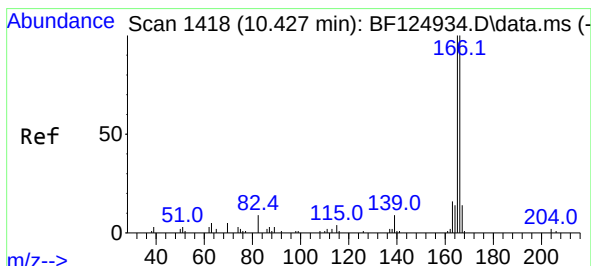
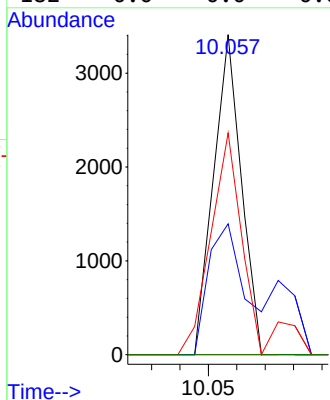
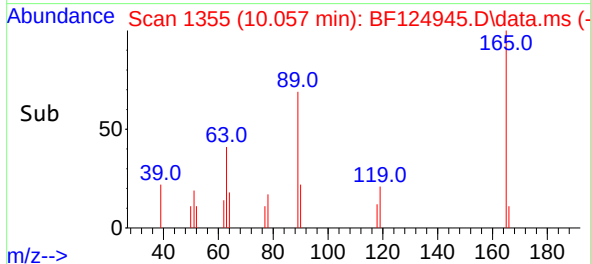
Instrument :
BNA_F
ClientSampled :
LOD-MDL-SOIL-01-QT2-2021



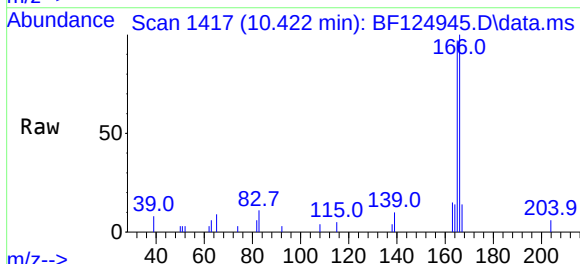
Tgt Ion:165 Resp: 2318
Ion Ratio Lower Upper
165 100
63 40.9 40.9 61.3
89 69.3 59.7 89.5
182 0.0 0.0 0.0

Manual Integrations
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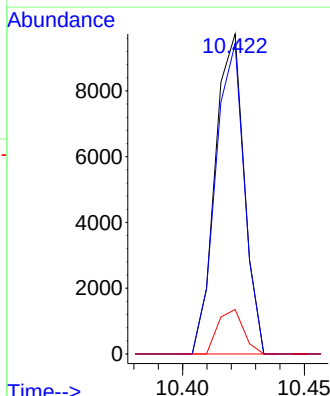
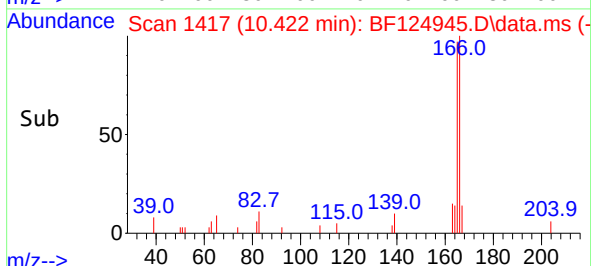
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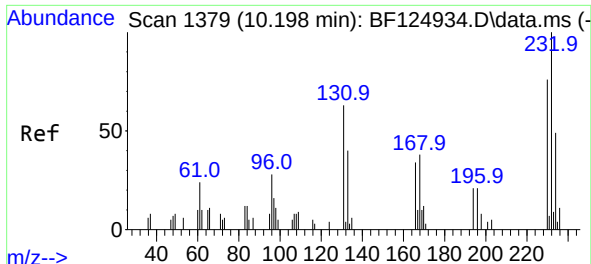


#58
Fluorene
Concen: 8.394 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

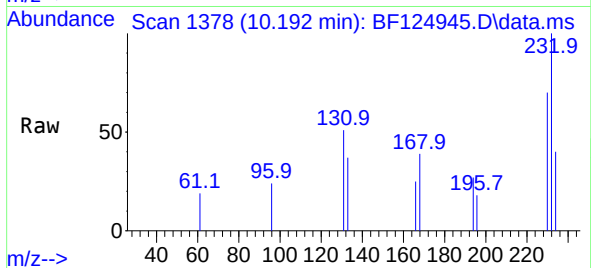


Tgt Ion:166 Resp: 8062
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.9 11.1 16.7

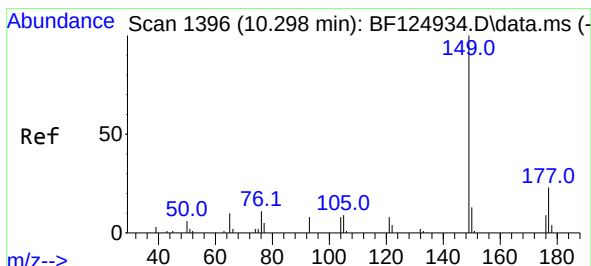
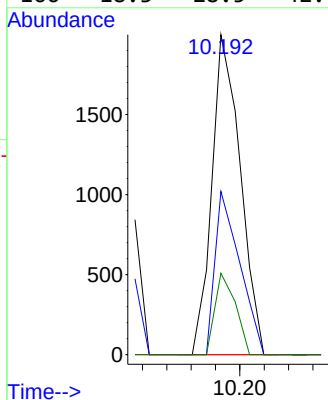
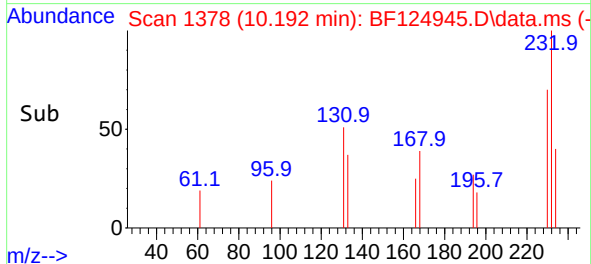




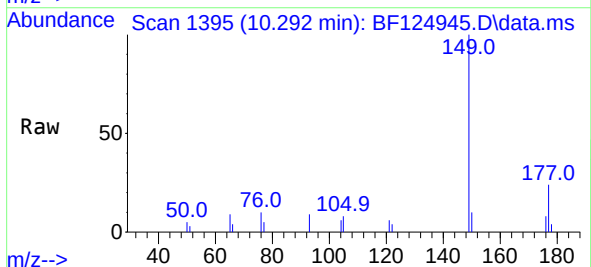
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.613 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



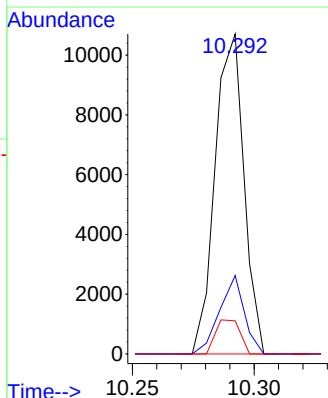
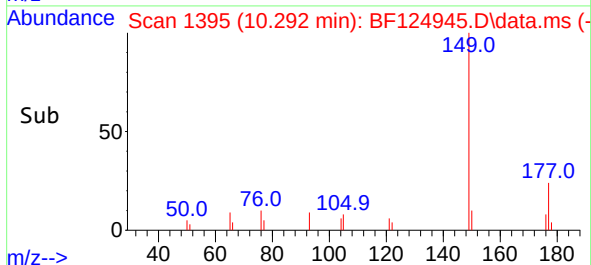
Tgt Ion:232 Resp: 1622
Ion Ratio Lower Upper
232 100
131 44.4 45.4 68.0#
130 0.0 0.0 0.0
166 18.3 28.5 42.7#



#60
Diethylphthalate
Concen: 8.640 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



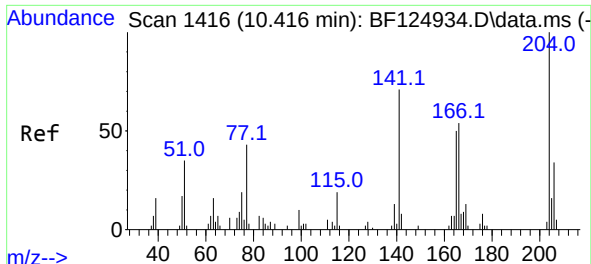
Tgt Ion:149 Resp: 8820
Ion Ratio Lower Upper
149 100
177 24.5 16.5 24.7
150 10.4 10.1 15.1



Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

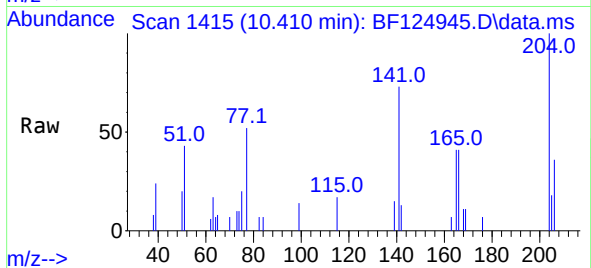
Manual Integrations
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#61
4-Chlorophenyl-phenylether
Concen: 8.546 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

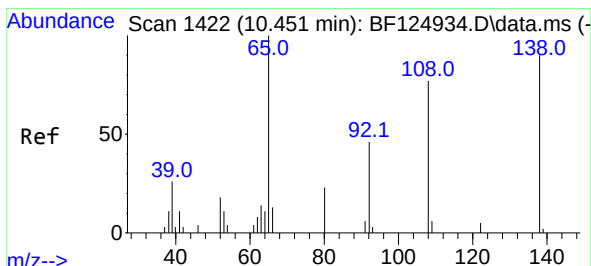
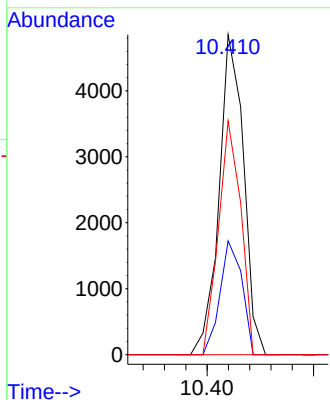
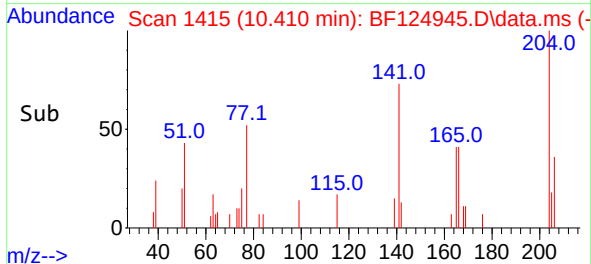
Instrument :
BNA_F
ClientSampleId :
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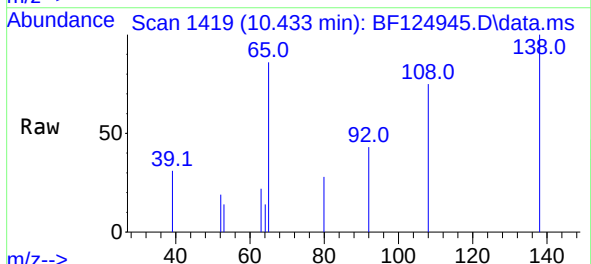
Tgt Ion:204 Resp: 3876
Ion Ratio Lower Upper
204 100
206 35.6 27.6 41.4
141 73.0 58.6 88.0

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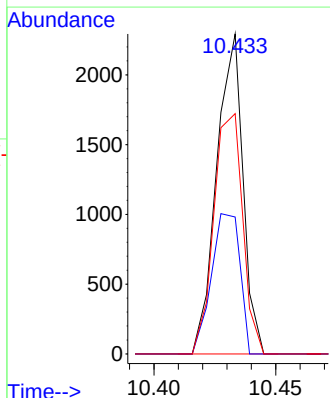
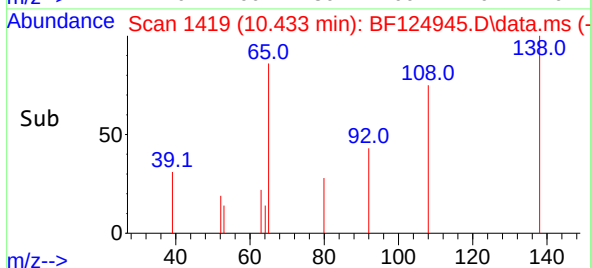
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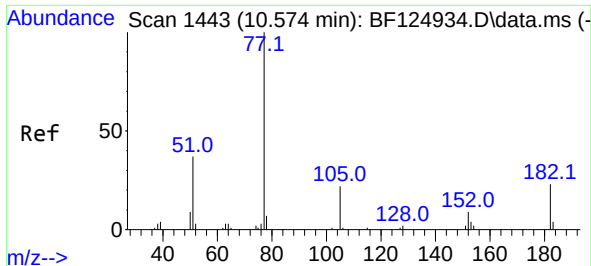


#62
4-Nitroaniline
Concen: 7.606 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

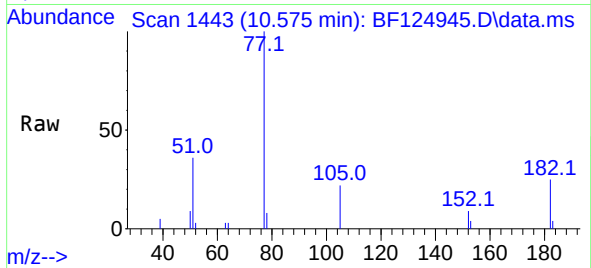


Tgt Ion:138 Resp: 1723
Ion Ratio Lower Upper
138 100
92 42.8 29.6 69.6
108 75.1 78.1 118.1#



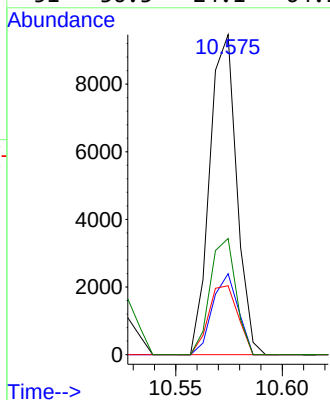


#63
Azobenzene
Concen: 8.354 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.001 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion: 77 Resp: 8340

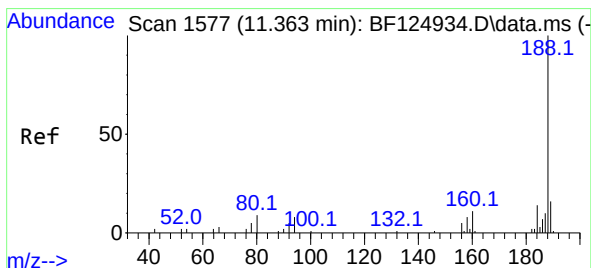
Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.3	46.3
105	21.5	2.9	42.9
51	36.3	24.1	64.1



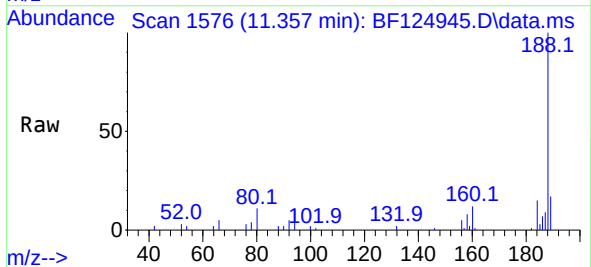
Instrument :
BNA_F
ClientSampleId :
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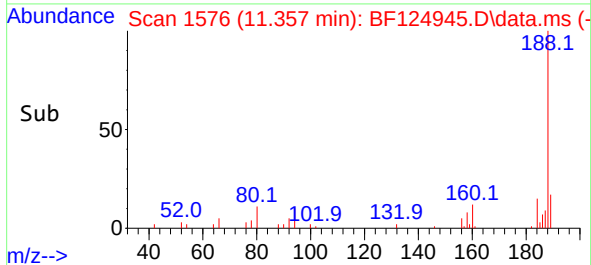
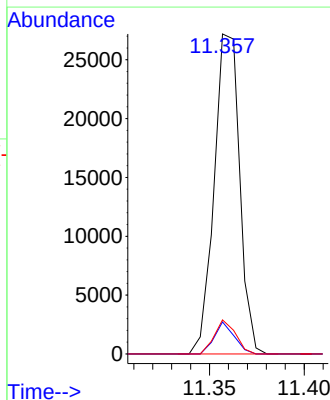


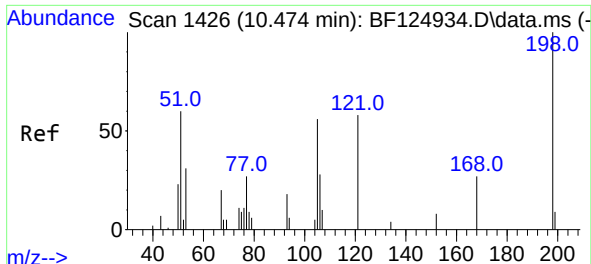
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion: 188 Resp: 25493

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.7	10.1
80	10.6	7.5	11.3





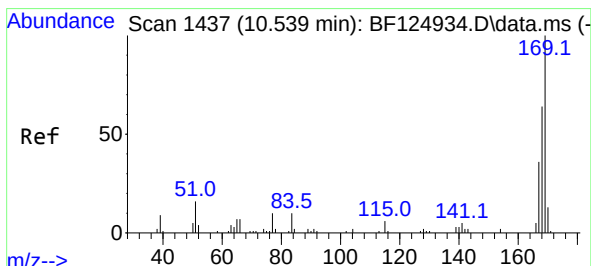
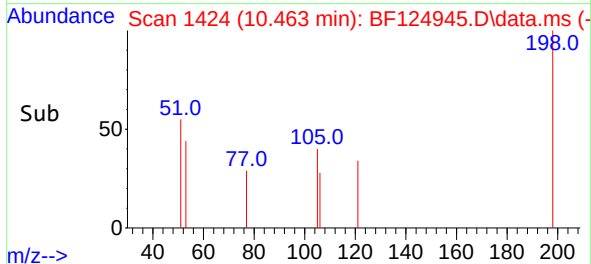
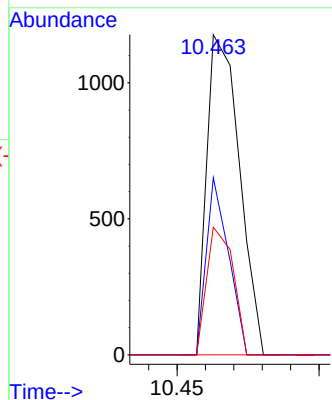
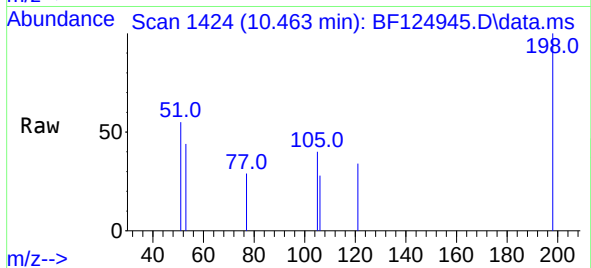
#65
4,6-Dinitro-2-methylphenol
Concen: 5.873 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.011 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:198 Resp: 938
Ion Ratio Lower Upper
198 100
51 55.3 45.3 85.3
105 39.8 30.6 70.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

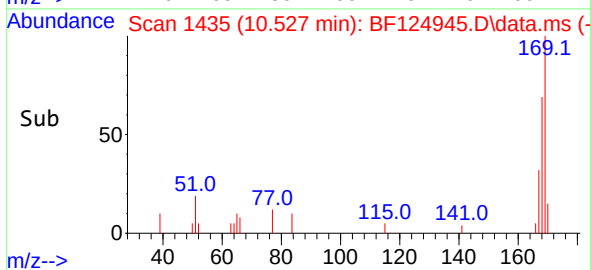
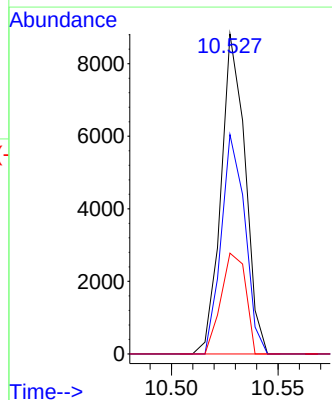
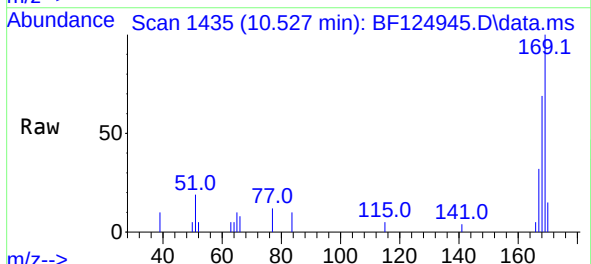
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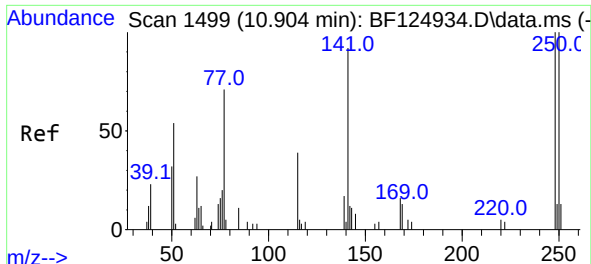
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#66
n-Nitrosodiphenylamine
Concen: 8.416 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

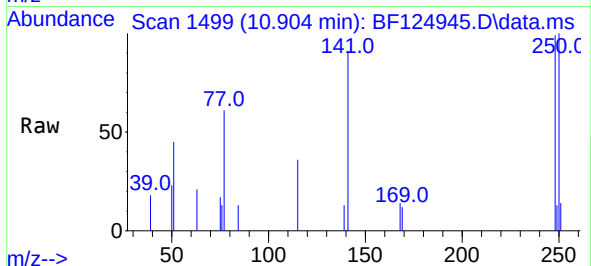
Tgt Ion:169 Resp: 6954
Ion Ratio Lower Upper
169 100
168 68.6 50.8 76.2
167 31.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 7.958 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

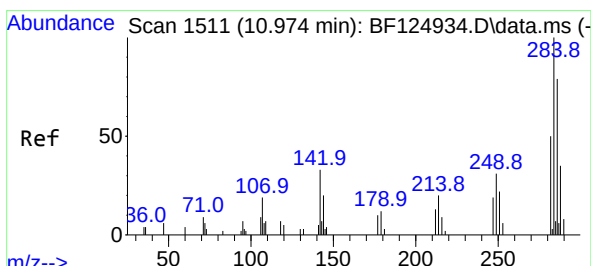
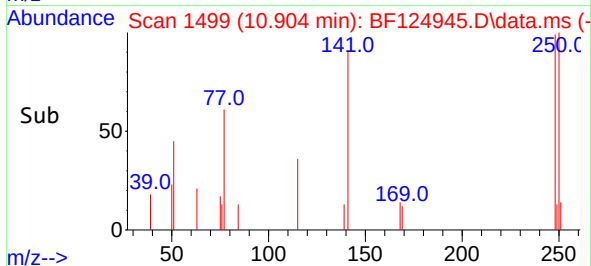
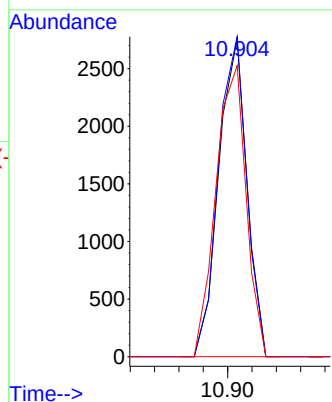
Instrument :
BNA_F
ClientSampleId :
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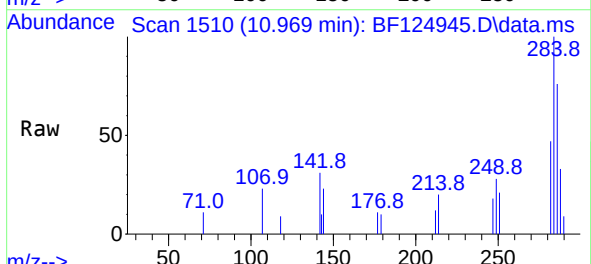
Tgt Ion:248 Resp: 2222
Ion Ratio Lower Upper
248 100
250 100.7 74.2 111.4
141 91.6 60.4 90.6#

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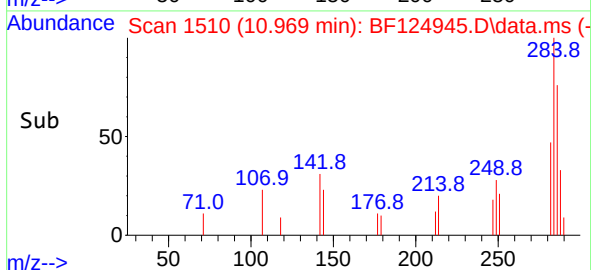
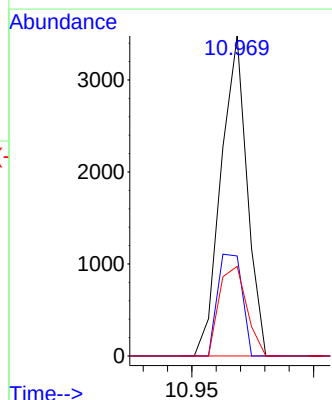
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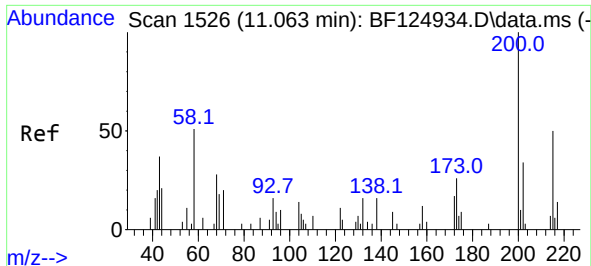


#68
Hexachlorobenzene
Concen: 8.510 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

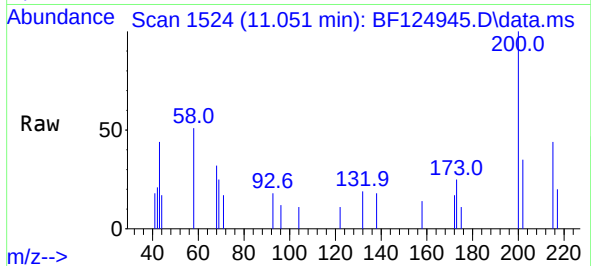


Tgt Ion:284 Resp: 2585
Ion Ratio Lower Upper
284 100
142 31.3 36.4 54.6#
249 28.0 25.6 38.4





#69
Atrazine
Concen: 8.841 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

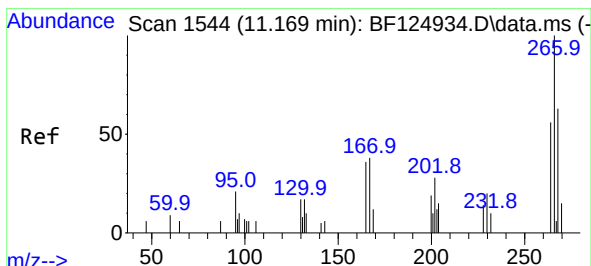
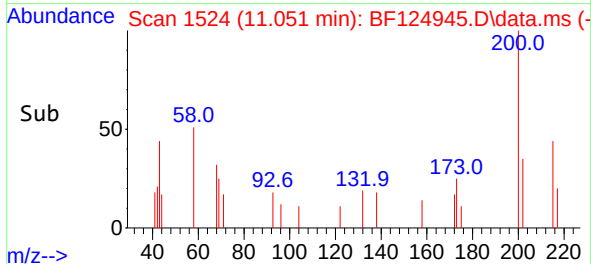
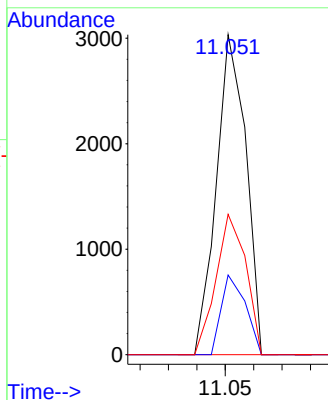


Tgt Ion:200 Resp: 2195
Ion Ratio Lower Upper
200 100
173 24.9 11.1 51.1
215 43.8 22.7 62.7

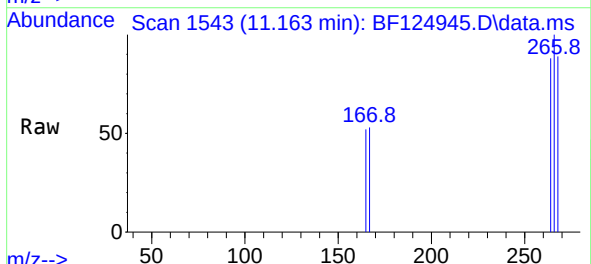
Instrument :
BNA_F
ClientSampleId :
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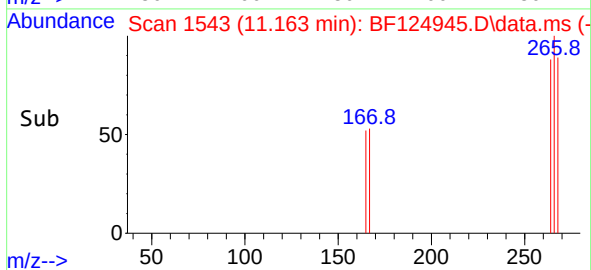
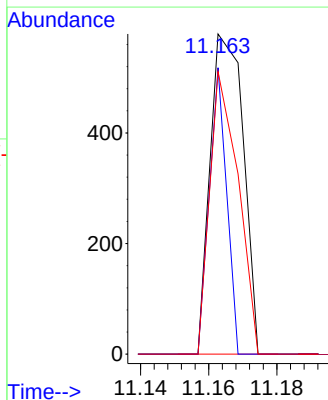
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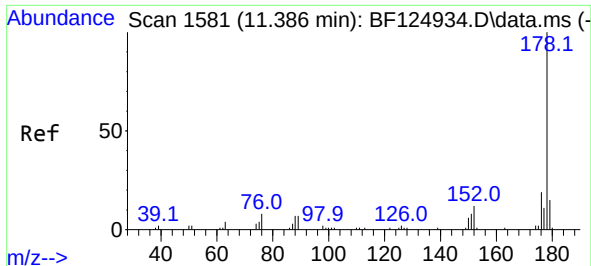


#70
Pentachlorophenol
Concen: 6.185 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



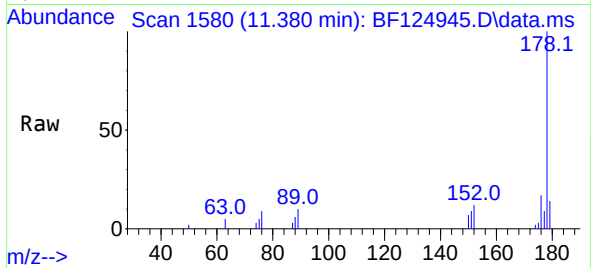
Tgt Ion:266 Resp: 390
Ion Ratio Lower Upper
266 100
268 89.5 48.9 73.3#
264 88.3 55.9 83.9#





#71
Phenanthrene
Concen: 8.569 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

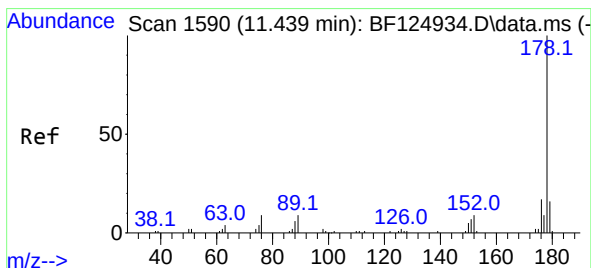
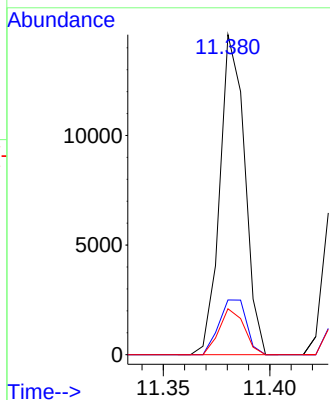
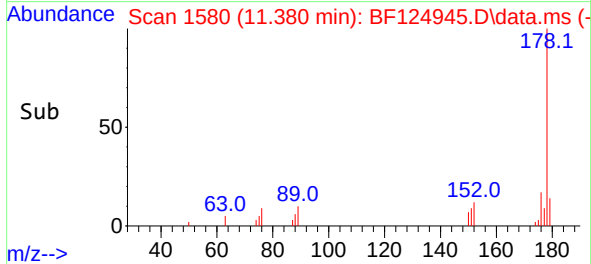
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



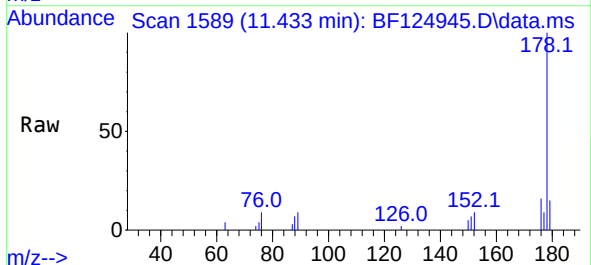
Tgt Ion:178 Resp: 11850
Ion Ratio Lower Upper
178 100
176 17.1 14.7 22.1
179 14.3 11.5 17.3

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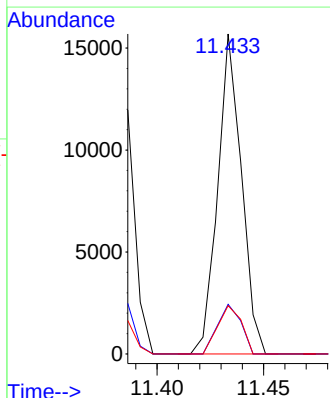
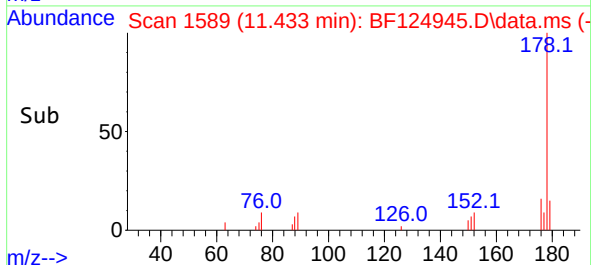
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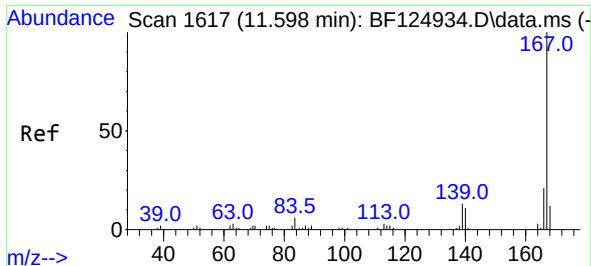


#72
Anthracene
Concen: 8.748 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



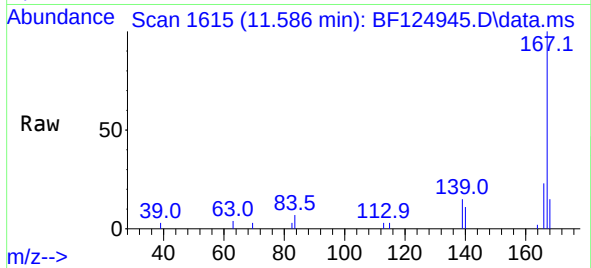
Tgt Ion:178 Resp: 12136
Ion Ratio Lower Upper
178 100
176 15.5 14.3 21.5
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 8.450 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.012 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09

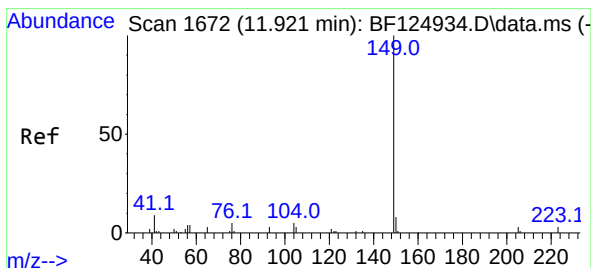
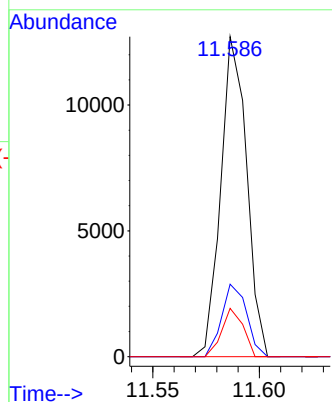
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



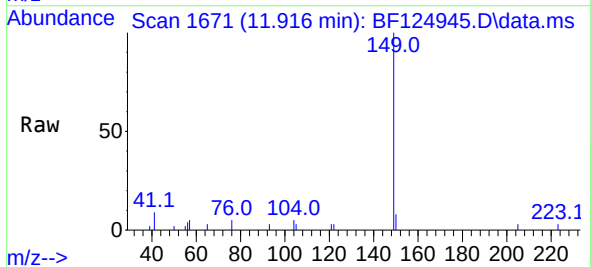
Tgt Ion:167 Resp: 10750
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 15.1 11.0 16.4

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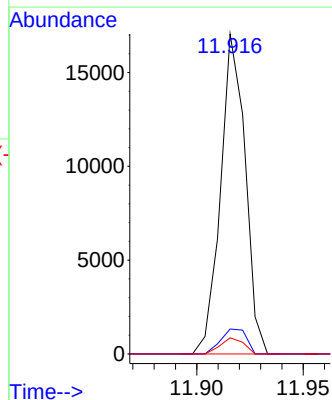
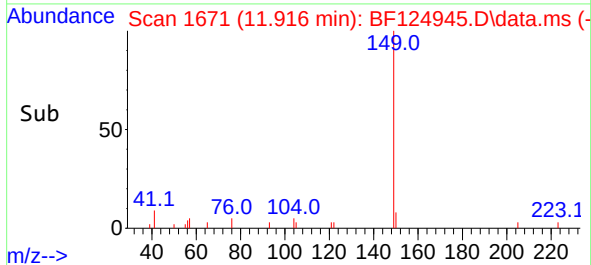
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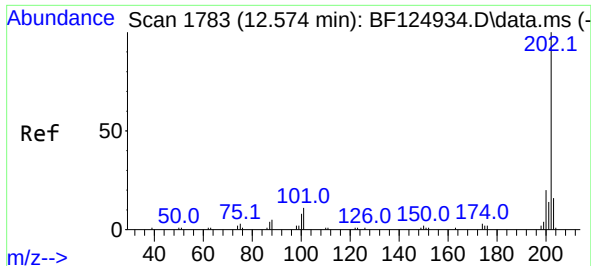


#74
 Di-n-butylphthalate
 Concen: 8.486 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09



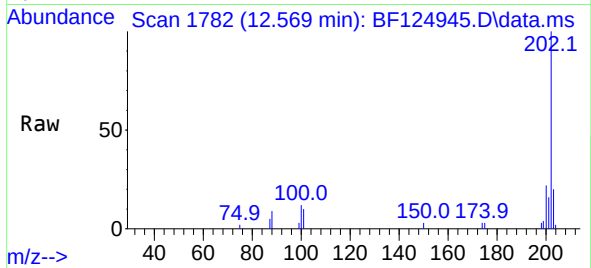
Tgt Ion:149 Resp: 13721
 Ion Ratio Lower Upper
 149 100
 150 7.8 7.4 11.2
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 8.016 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

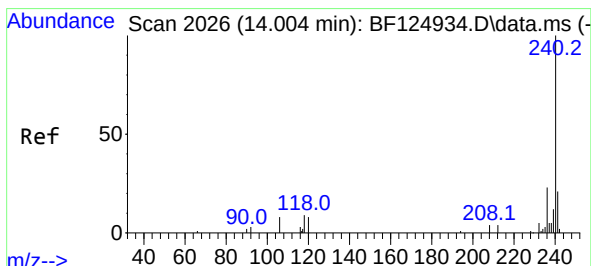
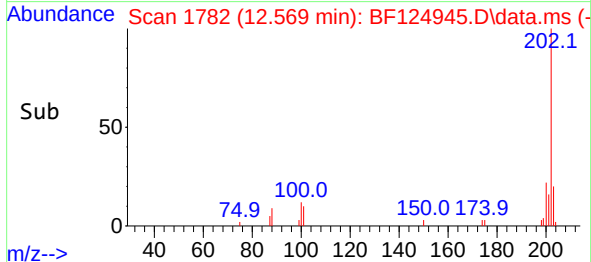
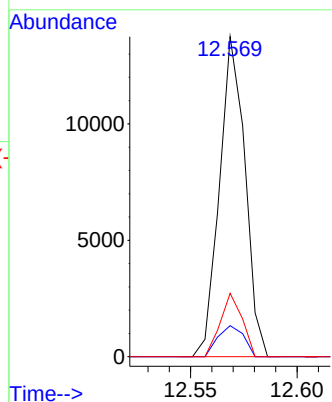
Instrument :
BNA_F
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Tgt Ion:202 Resp: 11468
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 19.8 0.0 36.3

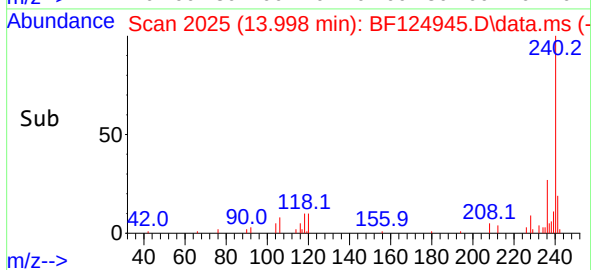
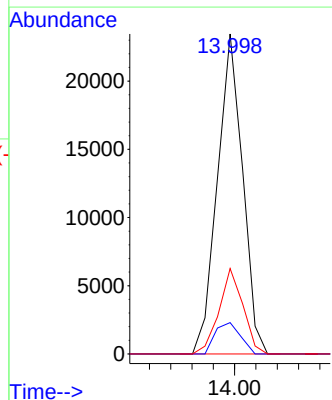
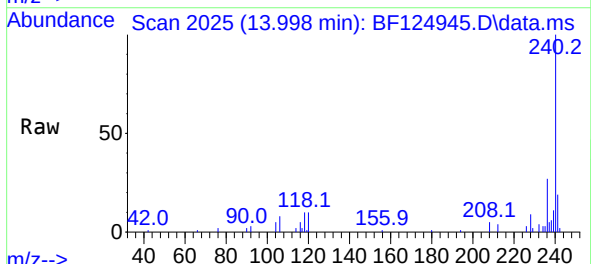
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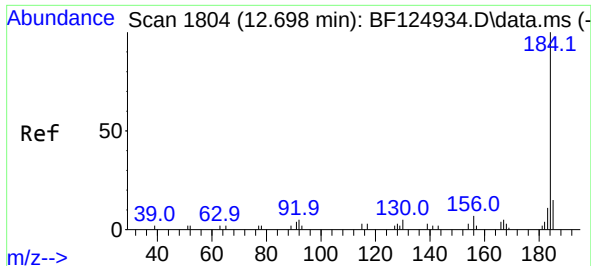
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:240 Resp: 19276
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.7 21.6 32.4





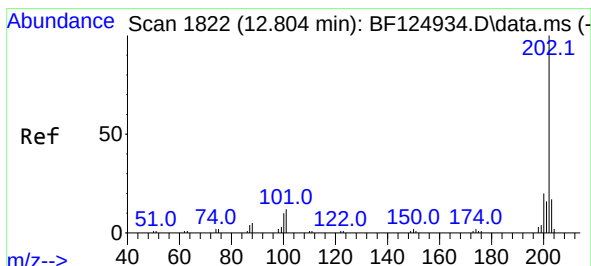
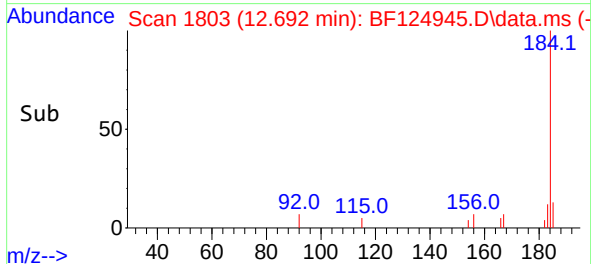
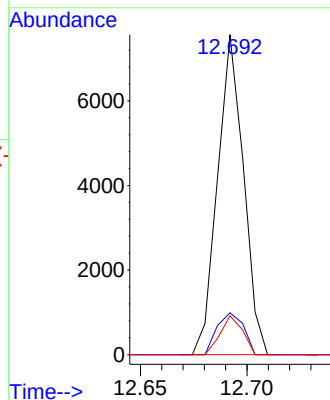
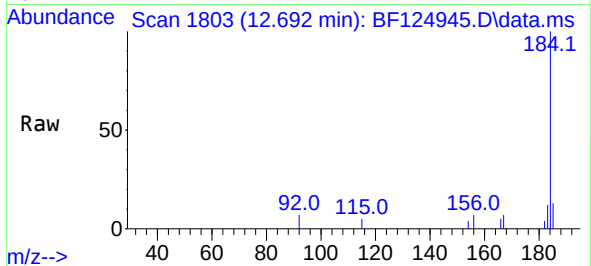
#77
Benzidine
Concen: 12.422 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:184 Resp: 6407
Ion Ratio Lower Upper
184 100
185 13.1 10.8 16.2
183 12.2 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

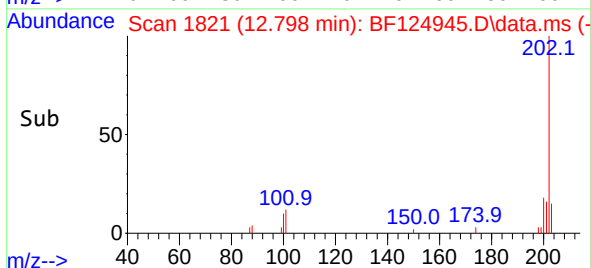
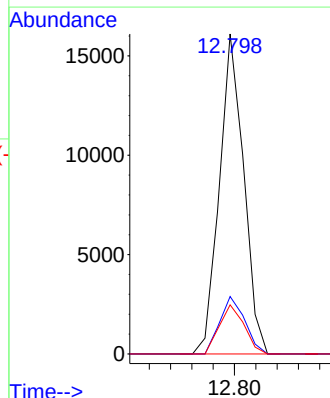
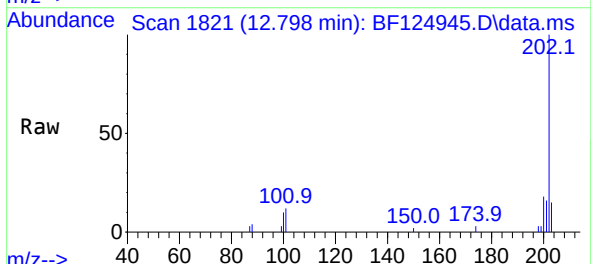
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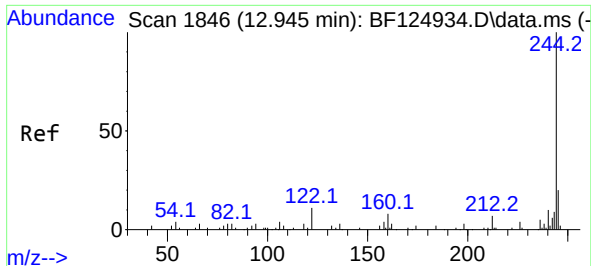
mohammad
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#78
Pyrene
Concen: 8.392 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

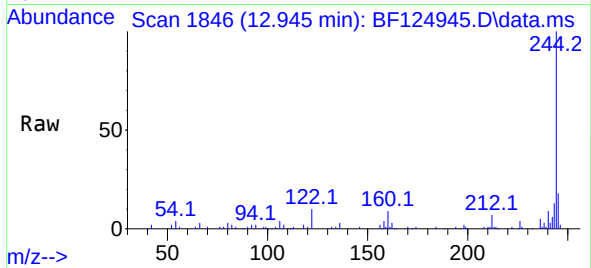
Tgt Ion:202 Resp: 12741
Ion Ratio Lower Upper
202 100
200 18.0 15.3 22.9
203 15.3 13.4 20.0





#79
Terphenyl-d14
Concen: 64.107 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

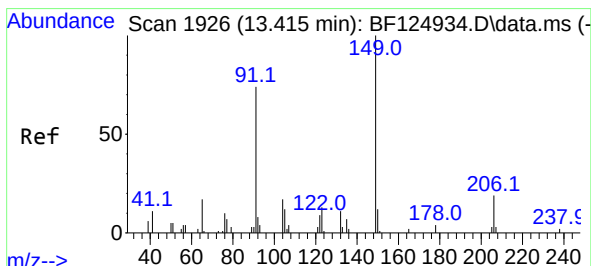
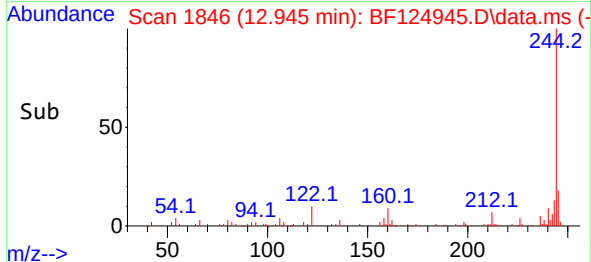
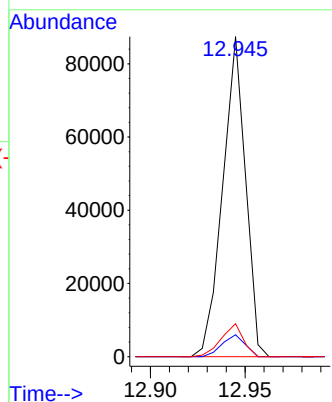
Instrument :
BNA_F
ClientSampleId :
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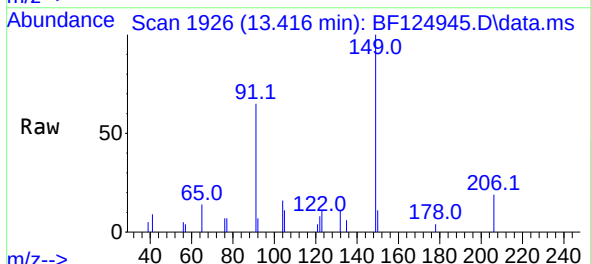
Tgt Ion:244 Resp: 73258
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.3 9.0 13.4

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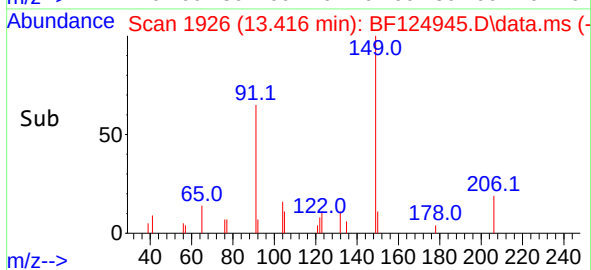
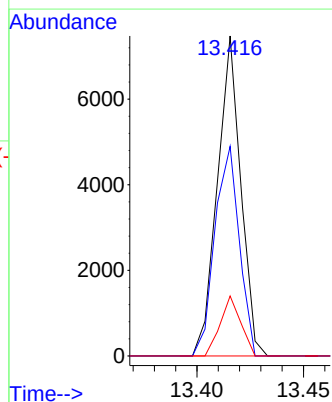
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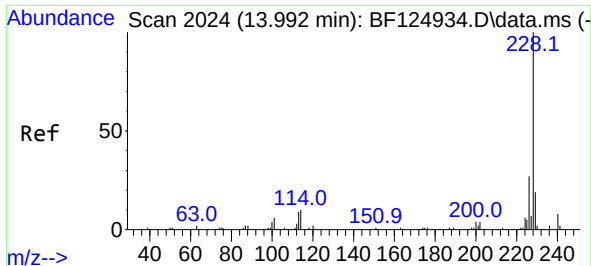


#80
Butylbenzylphthalate
Concen: 8.449 ng
RT: 13.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



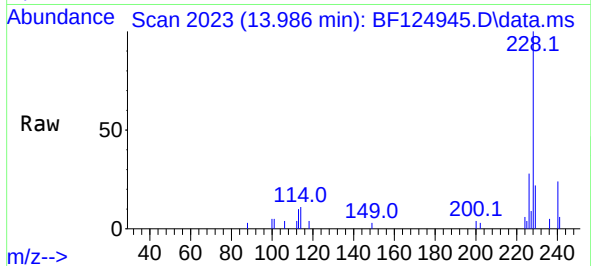
Tgt Ion:149 Resp: 5709
Ion Ratio Lower Upper
149 100
91 65.5 51.8 77.8
206 18.8 14.5 21.7





#81
Benzo(a)anthracene
Concen: 7.977 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

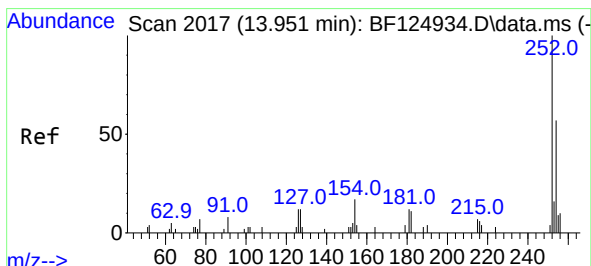
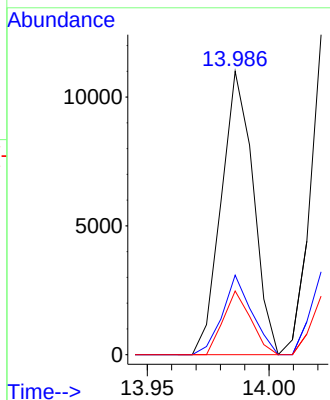
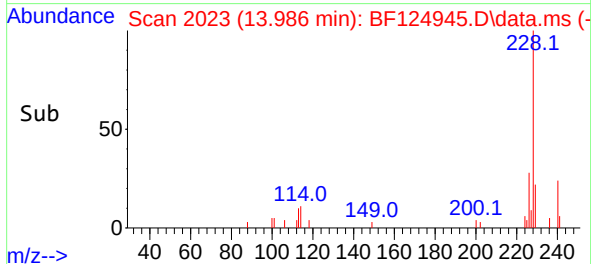
Instrument :
BNA_F
ClientSampleId :
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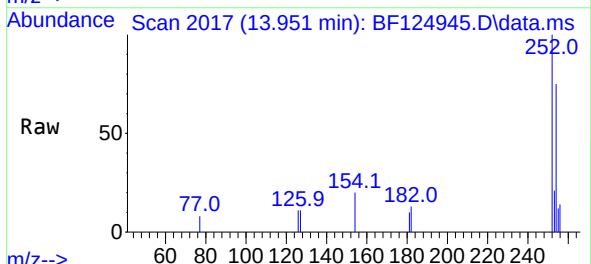
Tgt Ion:228 Resp: 10021
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 22.5 15.6 23.4

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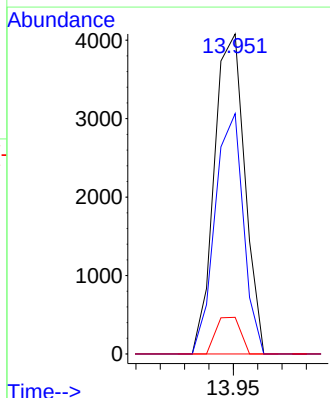
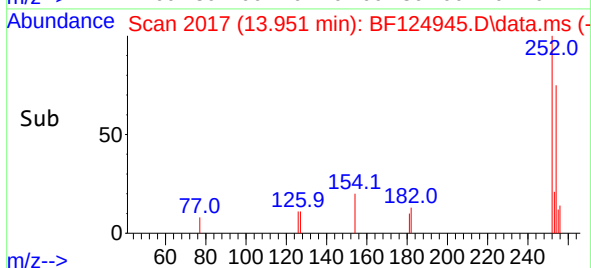
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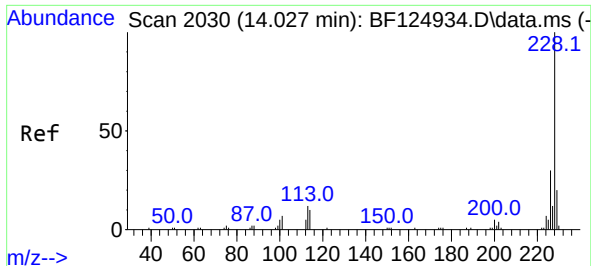


#82
3,3'-Dichlorobenzidine
Concen: 10.750 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



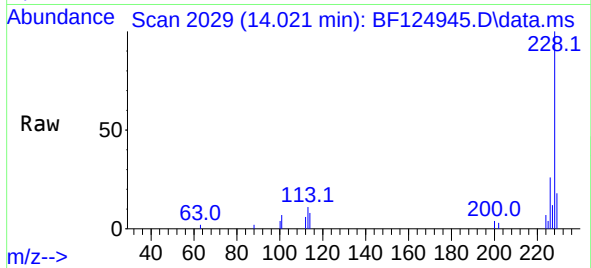
Tgt Ion:252 Resp: 3560
Ion Ratio Lower Upper
252 100
254 75.1 51.4 77.0
126 11.5 9.5 14.3





#83
Chrysene
Concen: 8.152 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

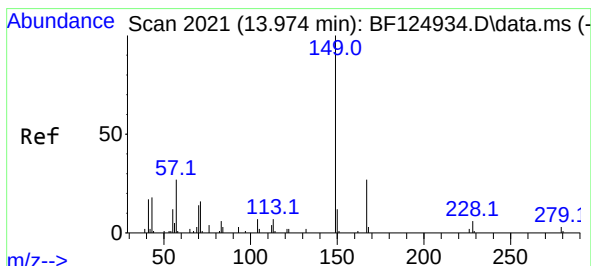
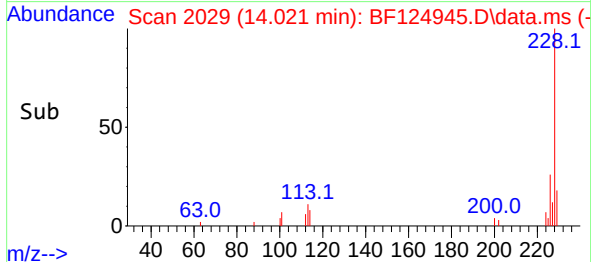
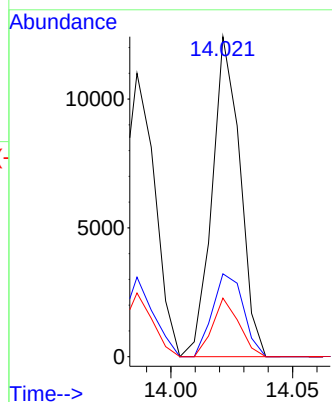
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:228 Resp: 9899
Ion Ratio Lower Upper
228 100
226 25.9 22.6 34.0
229 18.3 15.9 23.9

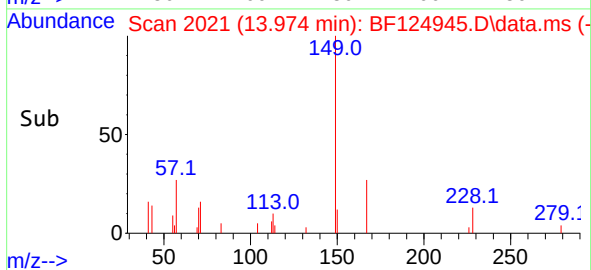
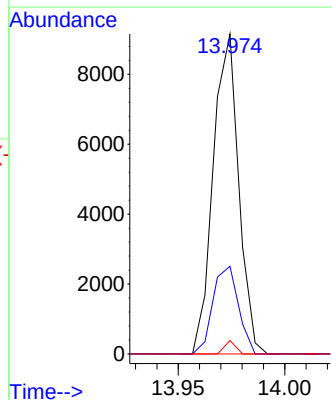
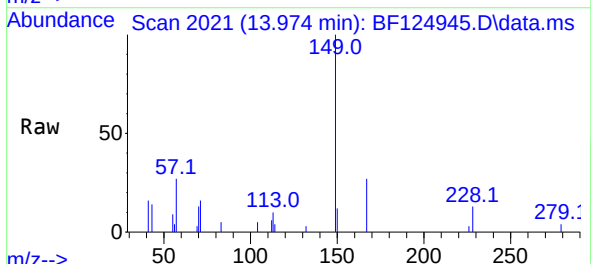
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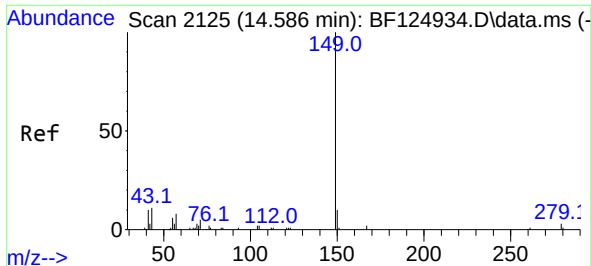
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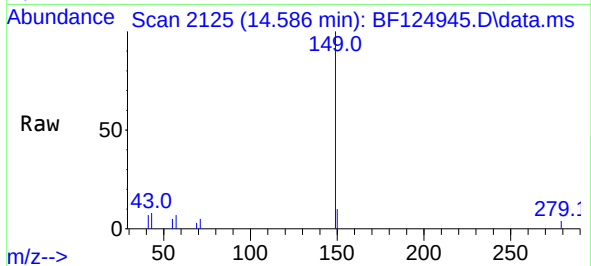
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.129 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:149 Resp: 7619
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.2 2.6 4.0#

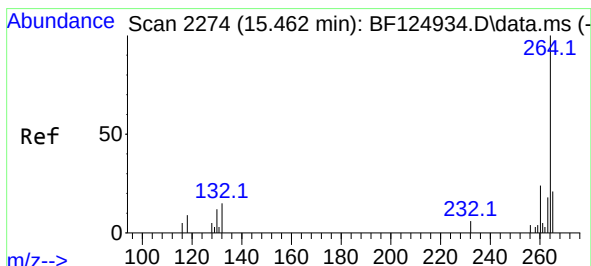
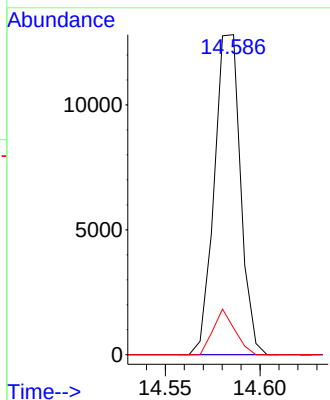
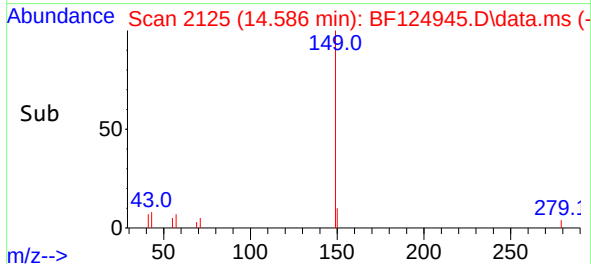




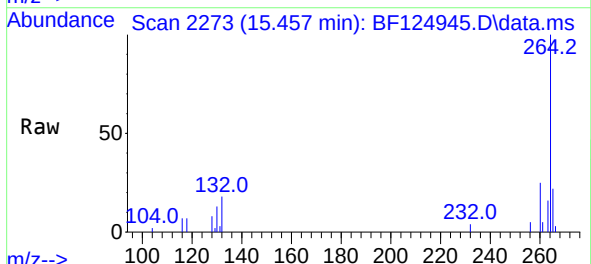
#85
Di-n-octyl phthalate
Concen: 8.346 ng
RT: 14.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



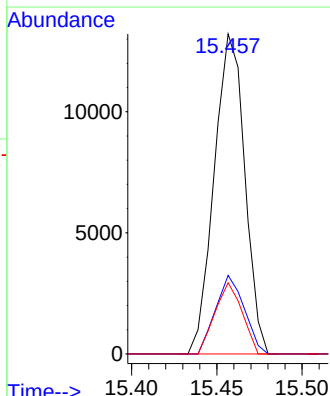
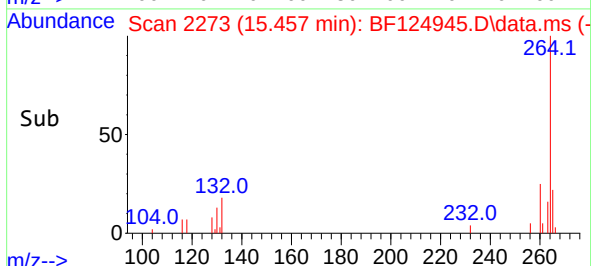
Tgt Ion:149 Resp: 12341
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.7 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



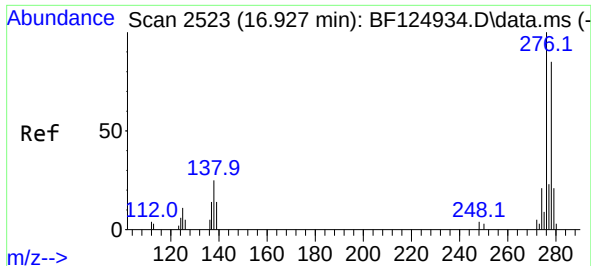
Tgt Ion:264 Resp: 16471
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.2 17.2 25.8



Instrument :
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ClientSampleId :
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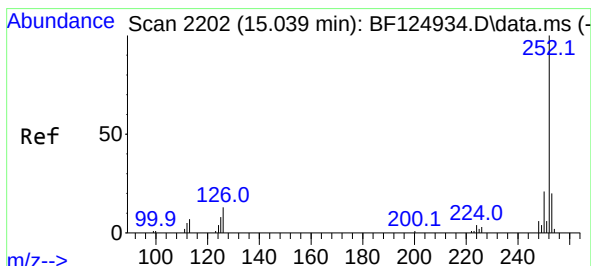
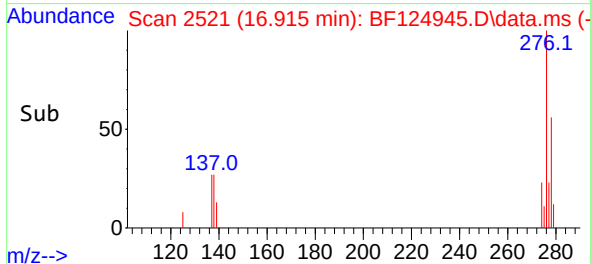
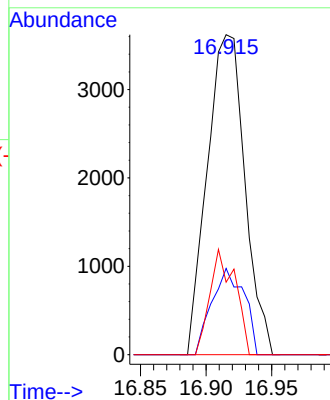
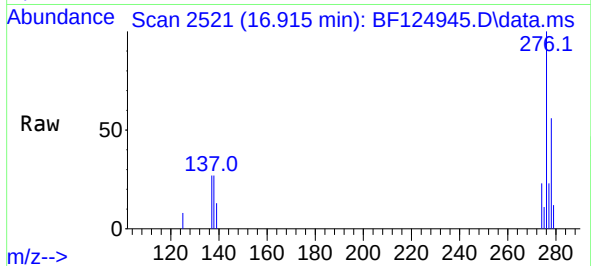
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.364 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 276 Resp: 7223
Ion Ratio Lower Upper
276 100
138 23.1 24.1 36.1#
277 22.2 18.8 28.2

Instrument :
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ClientSampleId :
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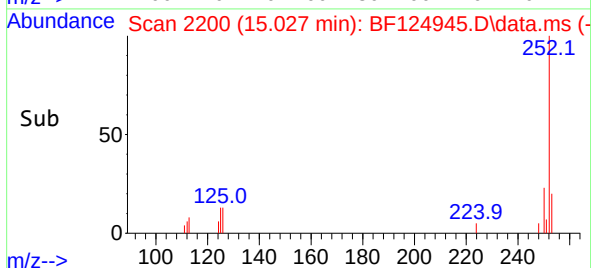
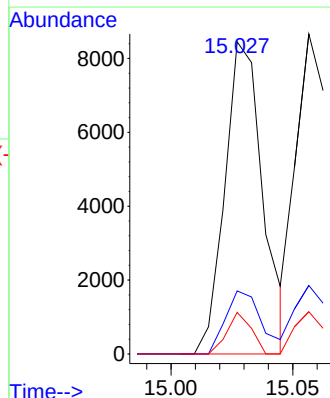
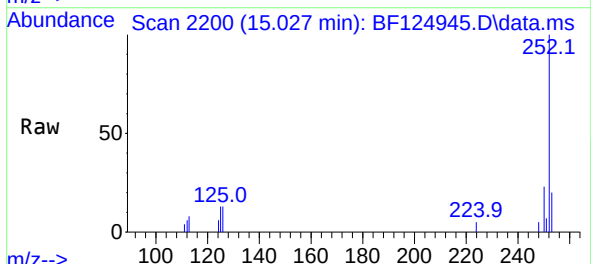
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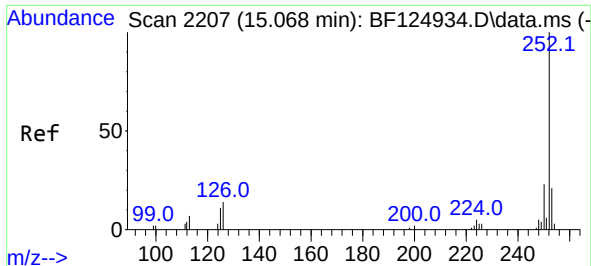
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#88
Benzo(b)fluoranthene
Concen: 7.942 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 252 Resp: 9185
Ion Ratio Lower Upper
252 100
253 20.2 16.8 25.2
125 13.3 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 8.054 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:252	Resp:	8473
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.8 26.8
125	13.2	7.2 10.8#

Instrument :

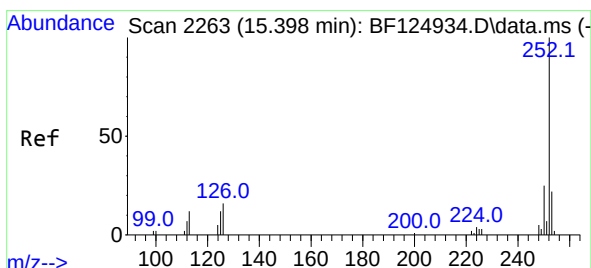
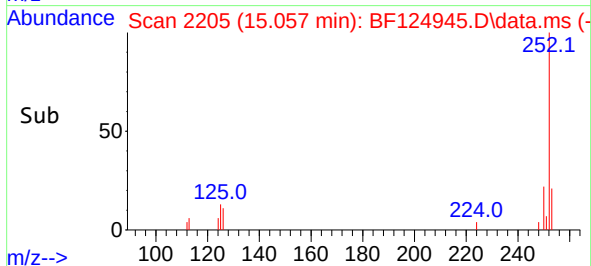
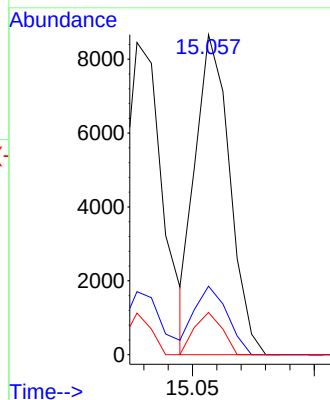
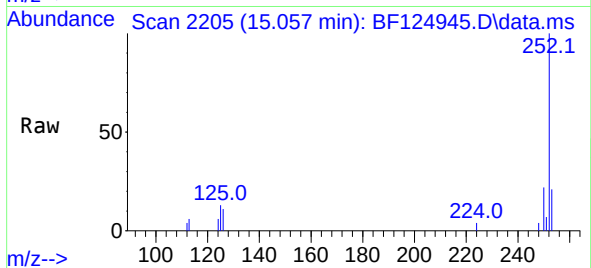
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 8.529 ng

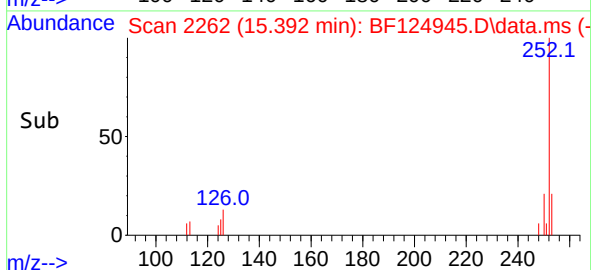
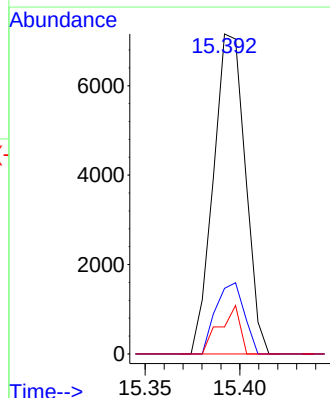
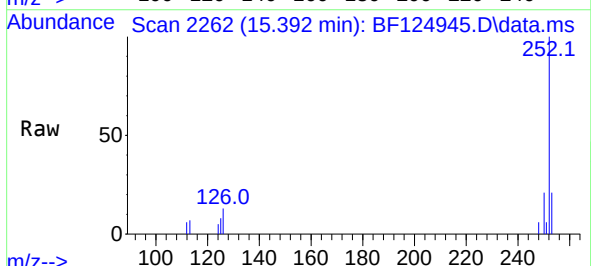
RT: 15.392 min Scan# 2262

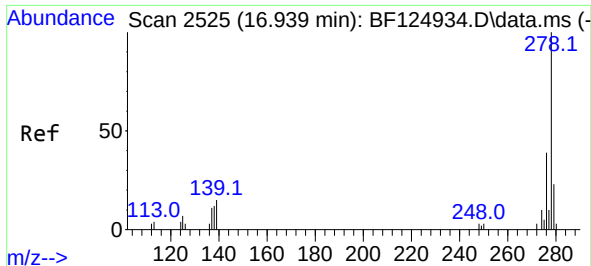
Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:252	Resp:	8400
Ion Ratio	Lower	Upper
252	100	
253	20.5	18.4 27.6
125	8.5	9.9 14.9#





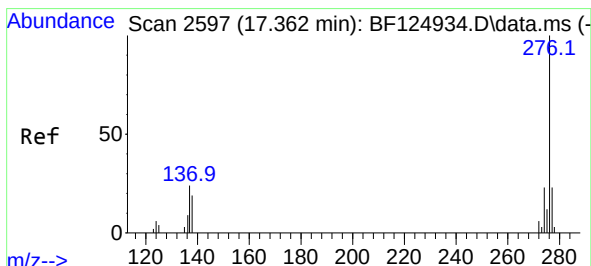
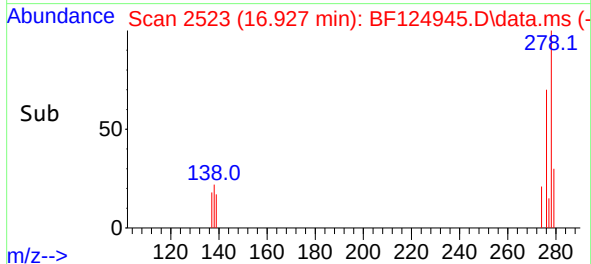
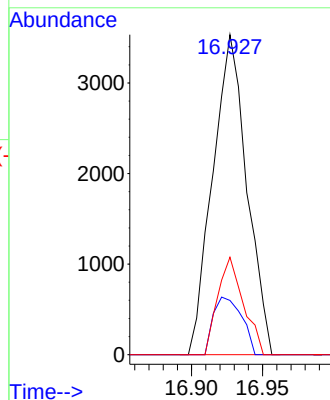
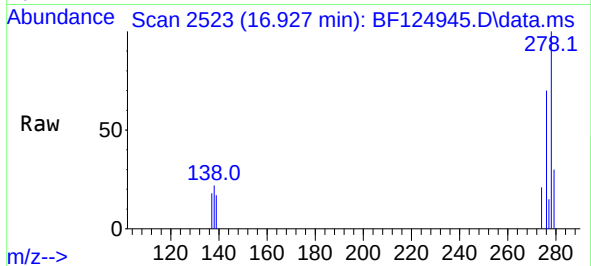
#91
Dibenzo(a,h)anthracene
Concen: 6.847 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:278 Resp: 5905
Ion Ratio Lower Upper
278 100
139 17.0 14.9 22.3
279 30.5 19.7 29.5#

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 7.406 ng
RT: 17.356 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:276 Resp: 6127
Ion Ratio Lower Upper
276 100
277 17.8 22.0 33.0#
138 23.7 22.2 33.4

