

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124947.D
 Acq On : 5 Aug 2021 16:54
 Operator : JU/CG
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 8/6/2021 2:46:47 PM

Quant Time: Aug 05 17:30:52 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	6.839	152	6834	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	25627	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	14808	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	26797	20.000	ng	0.00
76) Chrysene-d12	13.998	240	20191	20.000	ng	0.00
86) Perylene-d12	15.462	264	17286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	41045	98.385	ng	0.00
7) Phenol-d6	6.469	99	52782	100.337	ng	0.00
23) Nitrobenzene-d5	7.398	82	26984	55.083	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	12961	97.971	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	54968	54.316	ng	0.00
79) Terphenyl-d14	12.945	244	60642	50.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	1264	8.099	ng	# 100
3) Pyridine	3.398	79	2780	7.665	ng	# 86
4) n-Nitrosodimethylamine	3.293	42	2697	10.472	ng	97
6) Aniline	6.498	93	6734	12.119	ng	# 96
8) 2-Chlorophenol	6.622	128	4886	10.677	ng	98
9) Benzaldehyde	6.387	77	3029	10.584	ng	96
10) Phenol	6.475	94	6214	11.448	ng	89
11) bis(2-Chloroethyl)ether	6.575	93	4724	11.602	ng	94
12) 1,3-Dichlorobenzene	6.775	146	5443	10.928	ng	96
13) 1,4-Dichlorobenzene	6.851	146	5524m	11.094	ng	
14) 1,2-Dichlorobenzene	7.004	146	5242m	11.234	ng	
15) Benzyl Alcohol	6.975	79	4055	10.686	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	7062	10.825	ng	94
17) 2-Methylphenol	7.081	107	3717	10.851	ng	# 92
18) Hexachloroethane	7.345	117	2167	11.116	ng	88
19) n-Nitroso-di-n-propyla...	7.239	70	3265	10.460	ng	90
20) 3+4-Methylphenols	7.234	107	5168	11.365	ng	82
22) Acetophenone	7.245	105	5668	9.031	ng	97
24) Nitrobenzene	7.416	77	5048	10.649	ng	91
25) Isophorone	7.651	82	8781	10.502	ng	94
26) 2-Nitrophenol	7.733	139	2440	10.137	ng	92
27) 2,4-Dimethylphenol	7.769	122	4218	12.361	ng	# 83
28) bis(2-Chloroethoxy)met...	7.863	93	5574	11.713	ng	97
29) 2,4-Dichlorophenol	7.975	162	3768	9.911	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	4891	11.480	ng	89
31) Naphthalene	8.139	128	14045	10.667	ng	98
32) Benzoic acid	7.863	122	461	9.367	ng	# 85
33) 4-Chloroaniline	8.186	127	6194	12.624	ng	98
34) Hexachlorobutadiene	8.257	225	2828	11.115	ng	95
35) Caprolactam	8.528	113	766	7.588	ng	# 85
36) 4-Chloro-3-methylphenol	8.663	107	4185	10.524	ng	94
37) 2-Methylnaphthalene	8.833	142	9819	11.092	ng	99
38) 1-Methylnaphthalene	8.928	142	9196	11.102	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	3702	8.710	ng	98
41) Hexachlorocyclopentadiene	8.986	237	1468	13.854	ng	89
43) 2,4,6-Trichlorophenol	9.110	196	2644	9.344	ng	98

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 Misc : LOQ-SOIL-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

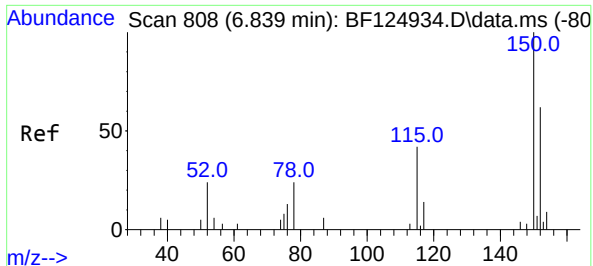
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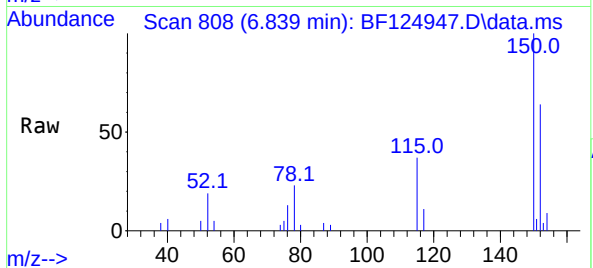
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	2928	10.223	ng	93
46) 1,1'-Biphenyl	9.292	154	9523	8.630	ng	96
47) 2-Chloronaphthalene	9.322	162	9256	10.543	ng	97
48) 2-Nitroaniline	9.416	65	2713	10.520	ng	95
49) Acenaphthylene	9.733	152	14212	10.657	ng	96
50) Dimethylphthalate	9.592	163	10650	10.613	ng	97
51) 2,6-Dinitrotoluene	9.657	165	2259	10.110	ng	91
52) Acenaphthene	9.904	154	8856	10.954	ng	97
53) 3-Nitroaniline	9.822	138	2410	10.240	ng #	72
54) 2,4-Dinitrophenol	9.933	184	813	12.114	ng #	82
55) Dibenzofuran	10.075	168	13301	10.527	ng	96
56) 4-Nitrophenol	9.980	139	2244	14.464	ng	94
57) 2,4-Dinitrotoluene	10.057	165	3149	10.380	ng	97
58) Fluorene	10.422	166	10711	11.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	1980	9.214	ng #	89
60) Diethylphthalate	10.292	149	10993	10.675	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	5099	11.145	ng	99
62) 4-Nitroaniline	10.433	138	2591	11.339	ng	86
63) Azobenzene	10.574	77	10225	10.154	ng	94
65) 4,6-Dinitro-2-methylph...	10.469	198	1353	8.059	ng	78
66) n-Nitrosodiphenylamine	10.527	169	8732	10.054	ng	94
67) 4-Bromophenyl-phenylether	10.904	248	3046	10.378	ng	90
68) Hexachlorobenzene	10.969	284	3428	10.736	ng #	83
69) Atrazine	11.051	200	2474	9.480	ng	96
70) Pentachlorophenol	11.163	266	812	8.730	ng #	86
71) Phenanthrene	11.386	178	15345	10.556	ng	98
72) Anthracene	11.433	178	15549	10.663	ng	99
73) Carbazole	11.592	167	13174	9.851	ng	97
74) Di-n-butylphthalate	11.916	149	18023	10.604	ng #	98
75) Fluoranthene	12.574	202	15379	10.227	ng	98
77) Benzidine	12.692	184	6772	12.535	ng	96
78) Pyrene	12.798	202	16397	10.310	ng	96
80) Butylbenzylphthalate	13.415	149	7333	10.361	ng	97
81) Benzo(a)anthracene	13.986	228	13628	10.357	ng	95
82) 3,3'-Dichlorobenzidine	13.951	252	4322	12.459	ng	87
83) Chrysene	14.027	228	13021	10.237	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	10442	10.635	ng #	99
85) Di-n-octyl phthalate	14.586	149	16235	10.481	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	9870	9.588	ng	94
88) Benzo(b)fluoranthene	15.033	252	12051	9.929	ng	94
89) Benzo(k)fluoranthene	15.062	252	11839	10.723	ng	97
90) Benzo(a)pyrene	15.398	252	11465	11.093	ng	94
91) Dibenzo(a,h)anthracene	16.933	278	8822	9.747	ng #	93
92) Benzo(g,h,i)perylene	17.356	276	8460	9.745	ng	91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

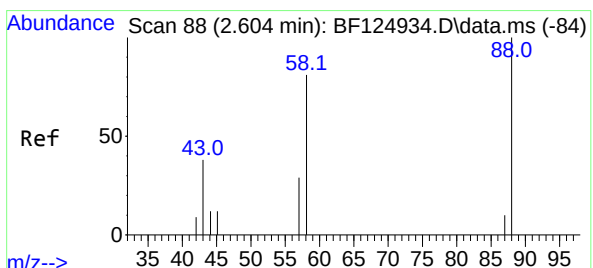
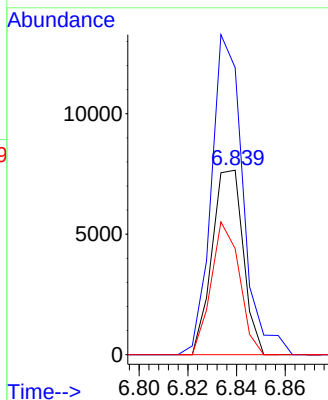
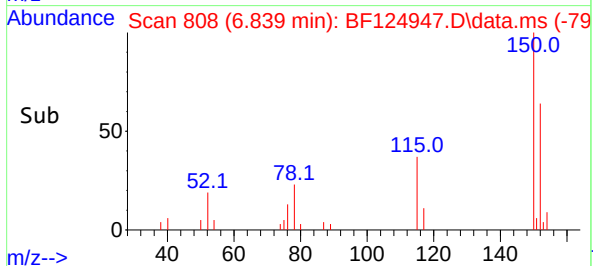
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



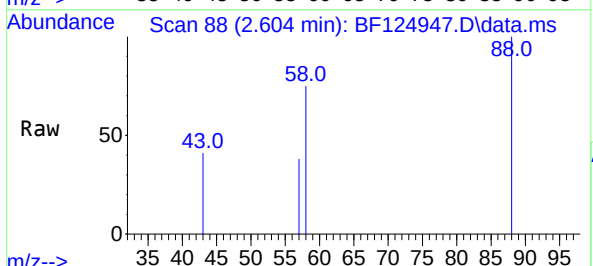
Tgt Ion:152 Resp: 6834
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 57.5 47.1 70.7

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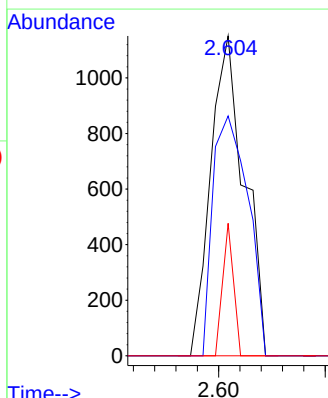
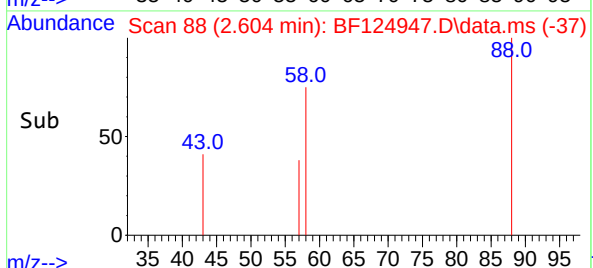
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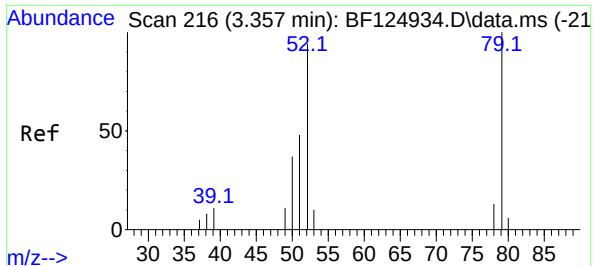


#2
1,4-Dioxane
Concen: 8.099 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



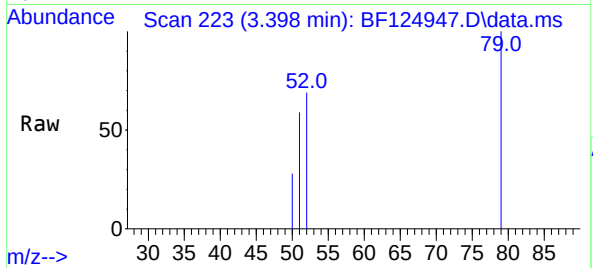
Tgt Ion: 88 Resp: 1264
Ion Ratio Lower Upper
88 100
58 78.3 0.0 0.0#
43 13.3 0.0 0.0#





#3
Pyridine
Concen: 7.665 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.041 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

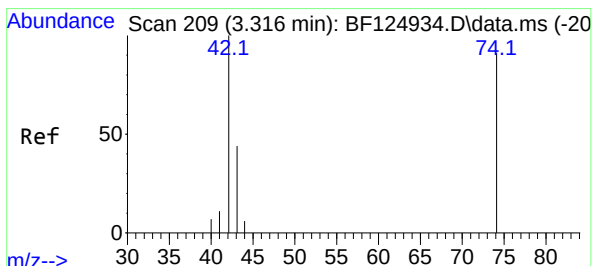
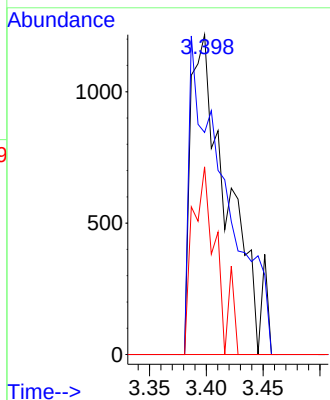
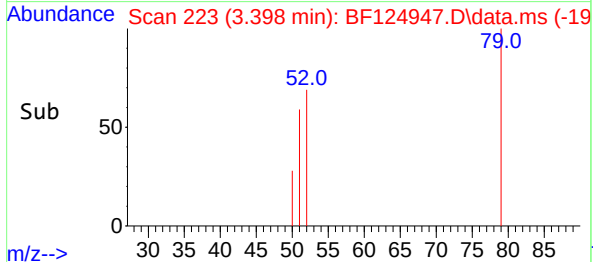
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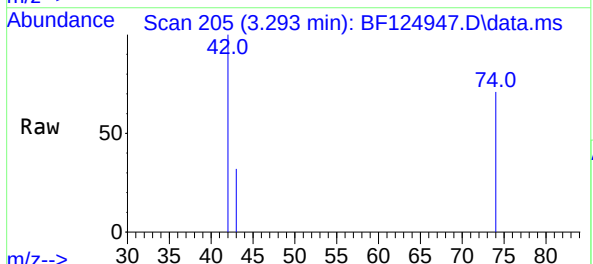
Tgt Ion: 79 Resp: 2780
Ion Ratio Lower Upper
79 100
52 69.4 70.3 105.5#
51 58.7 44.1 66.1

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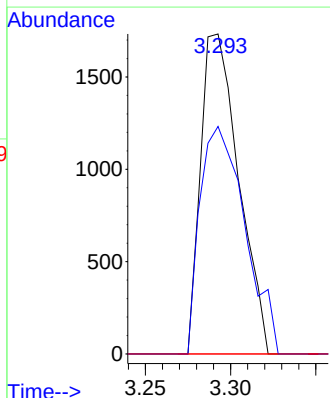
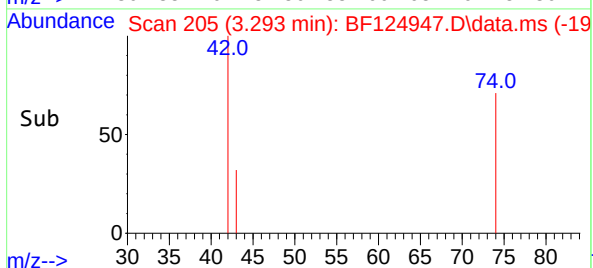
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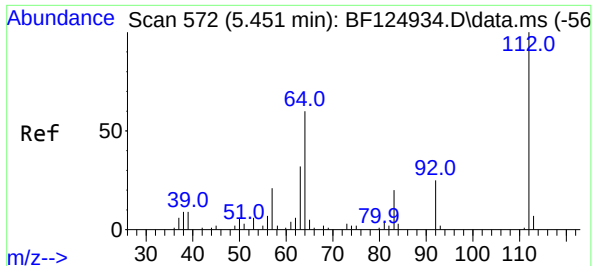


#4
n-Nitrosodimethylamine
Concen: 10.472 ng
RT: 3.293 min Scan# 205
Delta R.T. -0.023 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



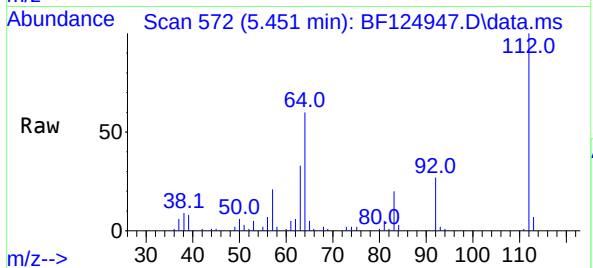
Tgt Ion: 42 Resp: 2697
Ion Ratio Lower Upper
42 100
74 71.1 59.0 88.6
44 0.0 0.0 0.0





#5
2-Fluorophenol
Concen: 98.385 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

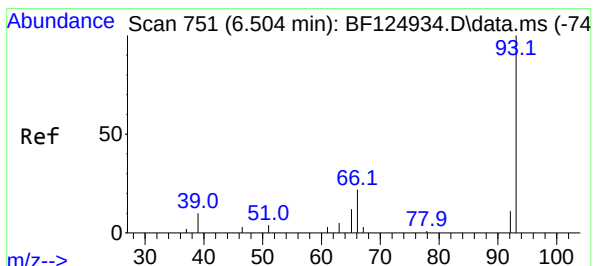
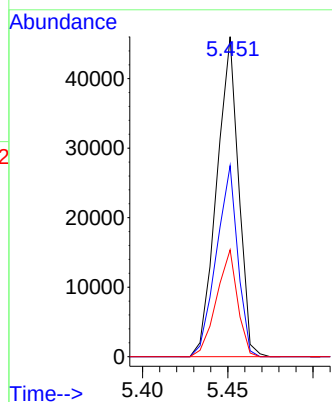
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



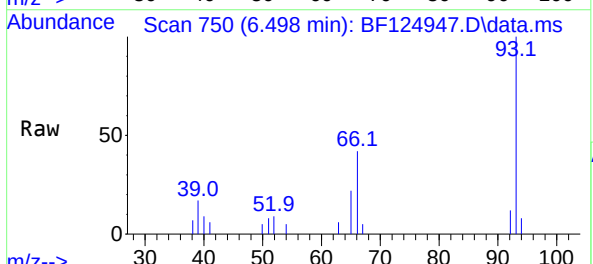
Tgt Ion:112 Resp: 41045
Ion Ratio Lower Upper
112 100
64 59.7 44.2 66.2
63 33.4 26.2 39.2

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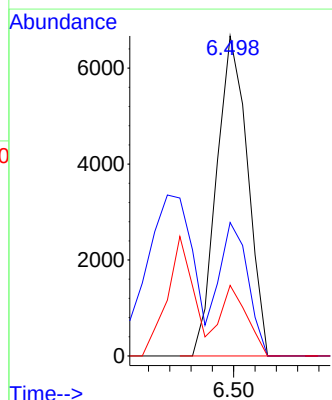
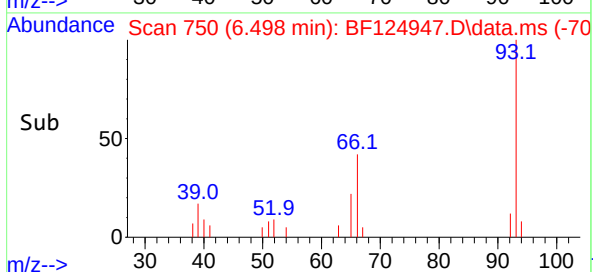
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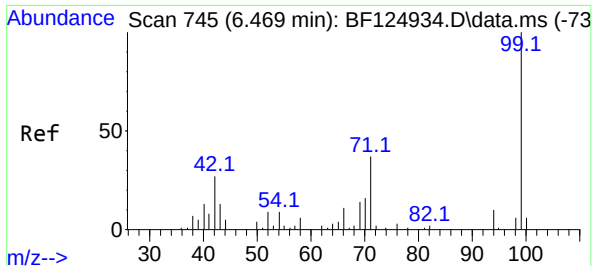


#6
Aniline
Concen: 12.119 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



Tgt Ion: 93 Resp: 6734
Ion Ratio Lower Upper
93 100
66 41.7 32.7 49.1
65 22.1 14.2 21.4#





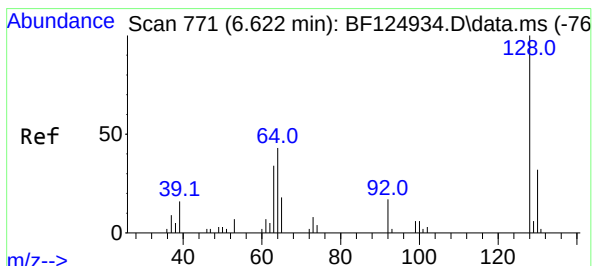
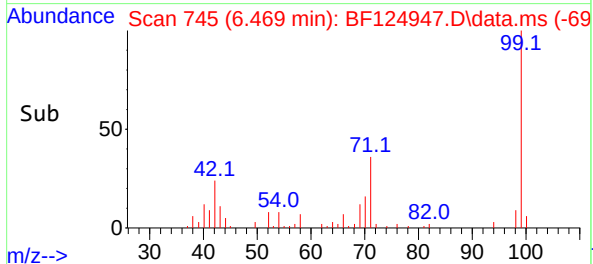
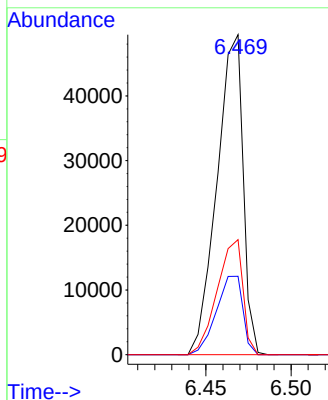
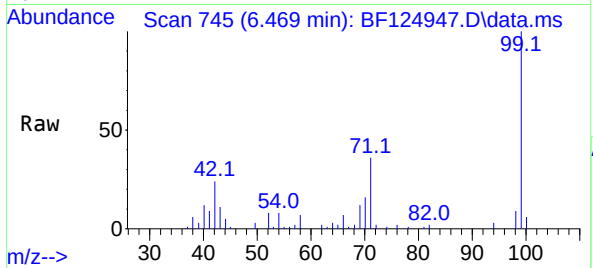
#7
Phenol-d6
Concen: 100.337 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	99	Resp:	52782
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	36.0	25.6	38.4

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ClientSampleId :
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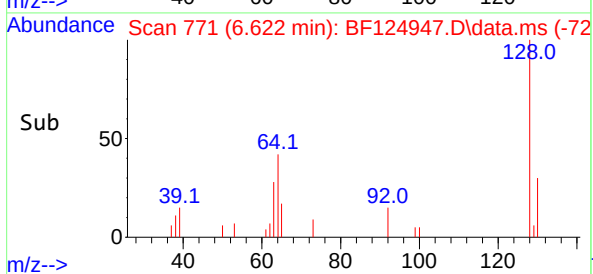
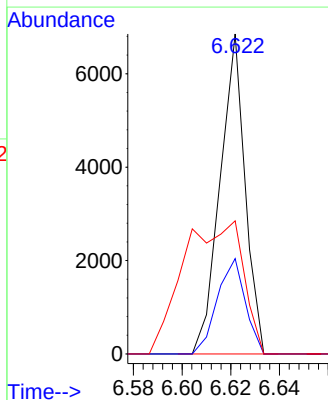
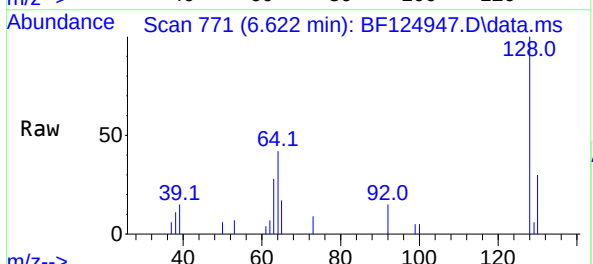
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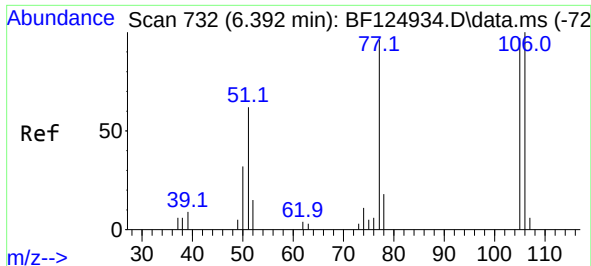
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#8
2-Chlorophenol
Concen: 10.677 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	128	Resp:	4886
Ion	Ratio	Lower	Upper
128	100		
130	29.8	10.5	50.5
64	41.6	20.3	60.3





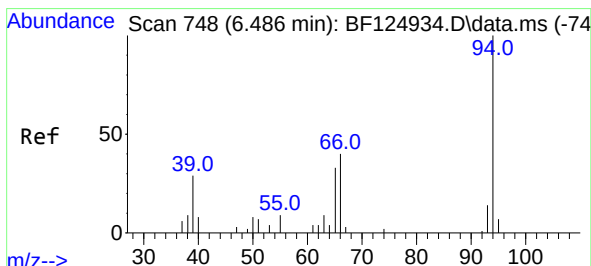
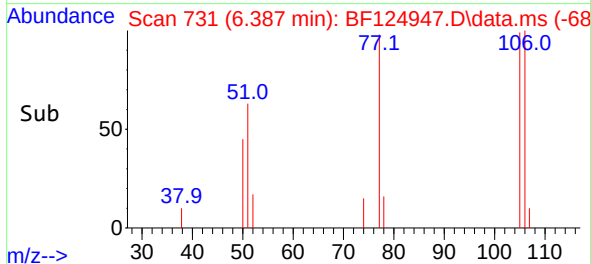
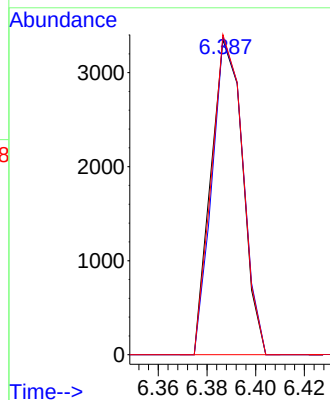
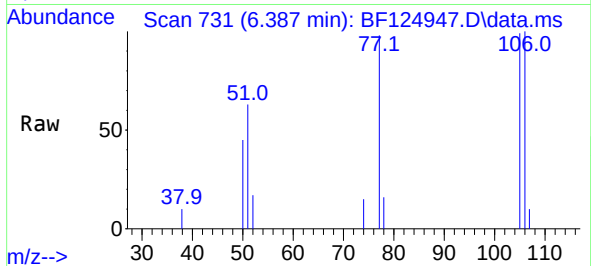
#9
Benzaldehyde
Concen: 10.584 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.005 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion: 77	Resp: 3029
Ion Ratio	Lower Upper
77 100	
105 100.9	75.9 115.9
106 101.6	84.0 124.0

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

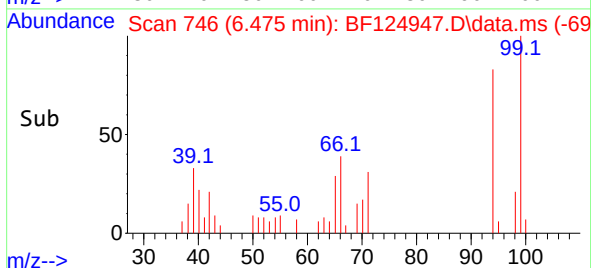
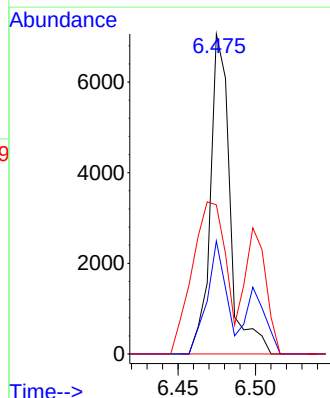
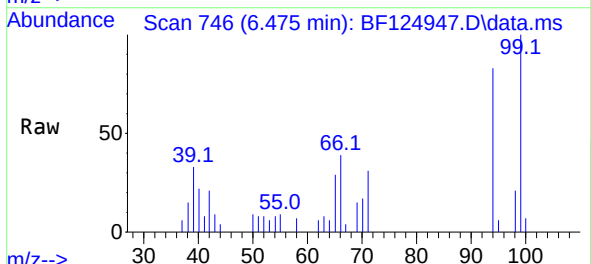
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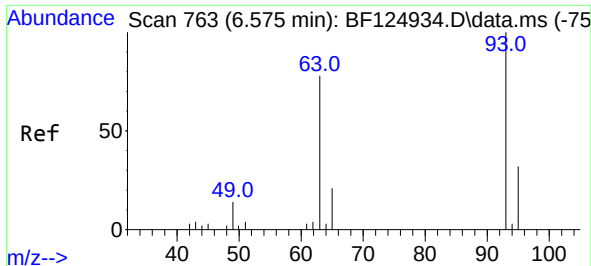
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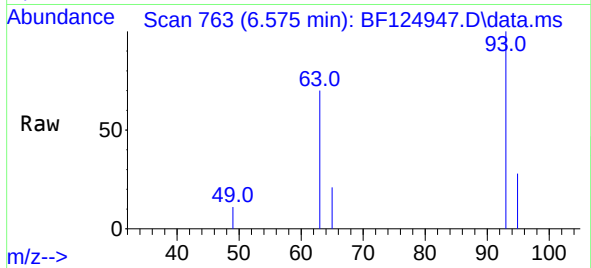
#10
Phenol
Concen: 11.448 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124947.D
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Tgt Ion: 94	Resp: 6214
Ion Ratio	Lower Upper
94 100	
65 35.3	9.3 49.3
66 46.6	20.3 60.3

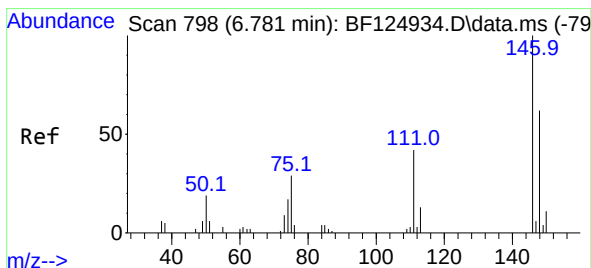
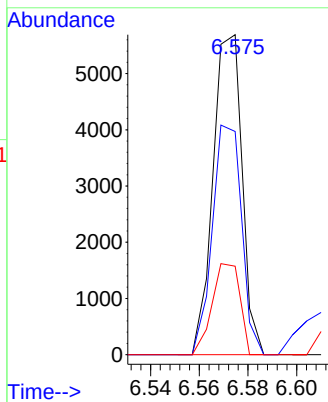
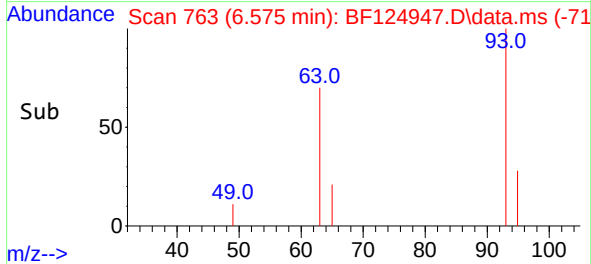




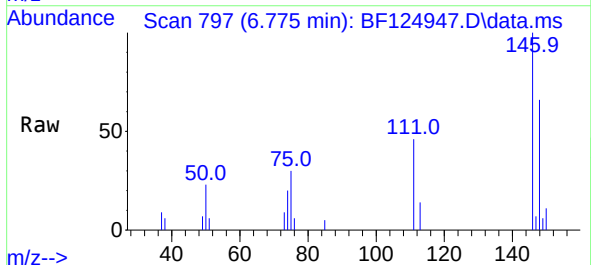
#11
bis(2-Chloroethyl)ether
Concen: 11.602 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



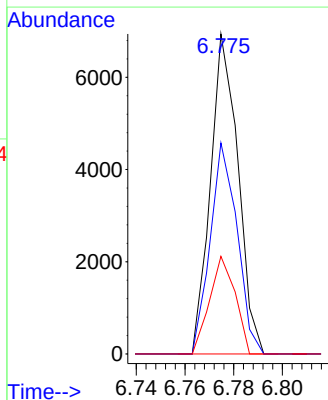
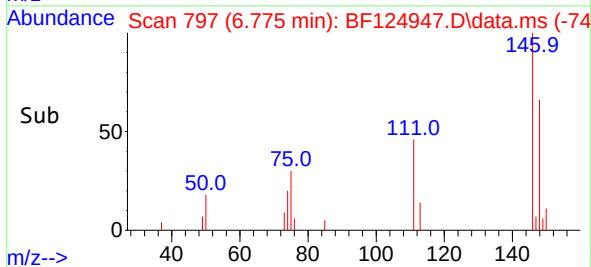
Tgt Ion: 93	Resp: 4724	
Ion Ratio	Lower	Upper
93	100	
63	69.8	54.4 94.4
95	27.7	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 10.928 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



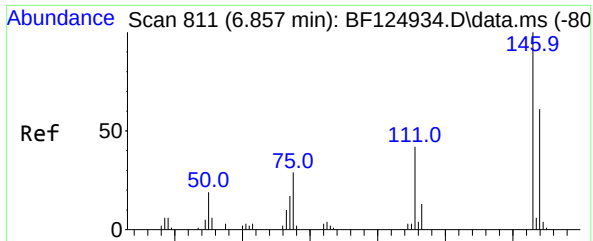
Tgt Ion:146	Resp: 5443		
Ion Ratio	Lower	Upper	
146 100			
148 66.0	49.7	74.5	
75 30.5	25.2	37.8	



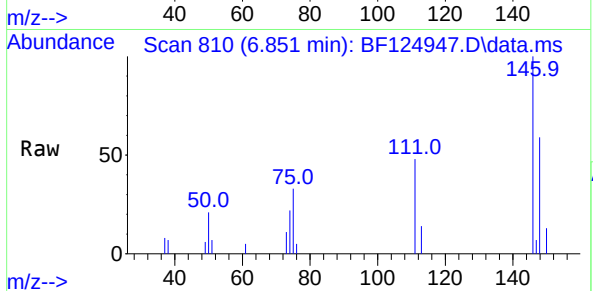
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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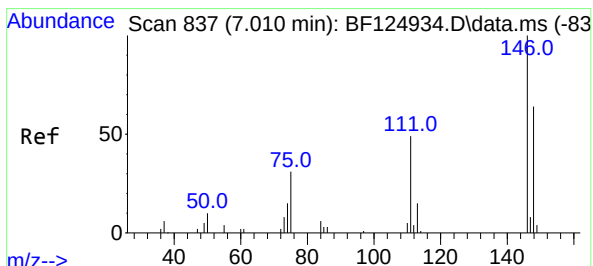
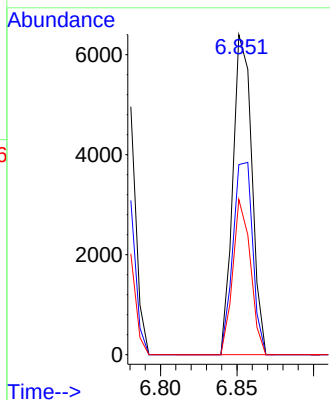
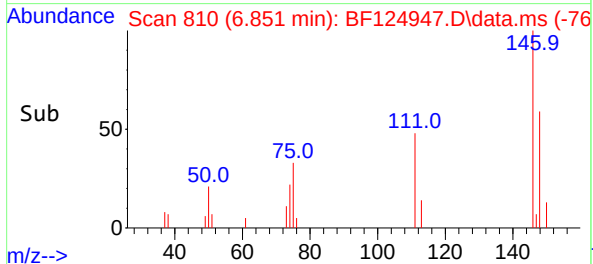
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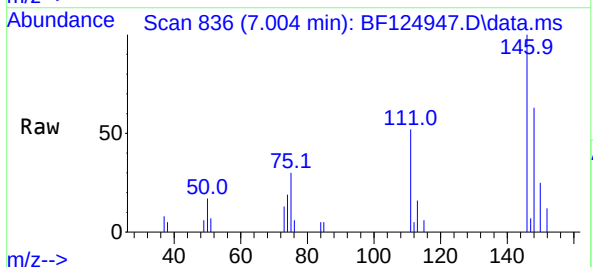
#13
1,4-Dichlorobenzene
Concen: 11.094 ng m
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



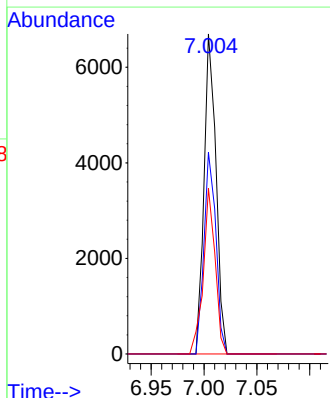
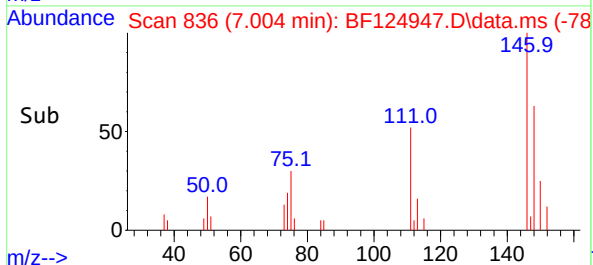
Tgt Ion:146 Resp: 5524
Ion Ratio Lower Upper
146 100
148 59.4 51.9 77.9
111 48.5 31.8 47.6#



#14
1,2-Dichlorobenzene
Concen: 11.234 ng m
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



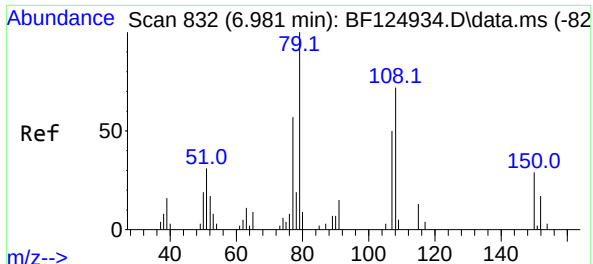
Tgt Ion:146 Resp: 5242
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 51.8 33.5 50.3#



Instrument :
BNA_F
ClientSampleId :
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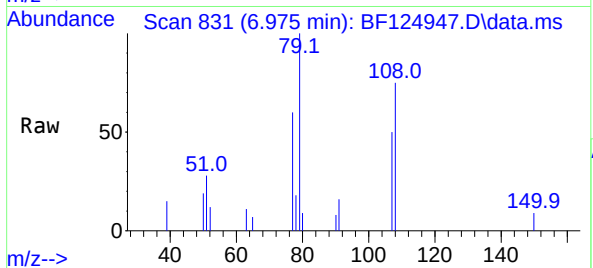
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#15
Benzyl Alcohol
Concen: 10.686 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

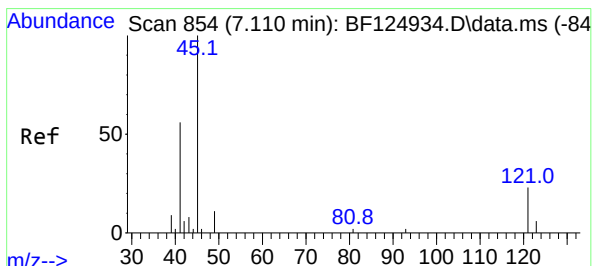
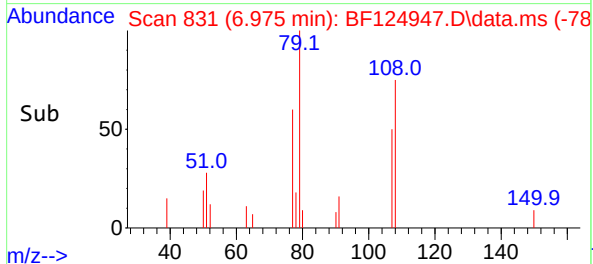
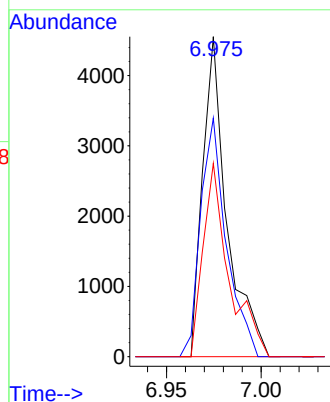
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 79 Resp: 4055
Ion Ratio Lower Upper
79 100
108 74.5 60.4 90.6
77 60.4 51.5 77.3

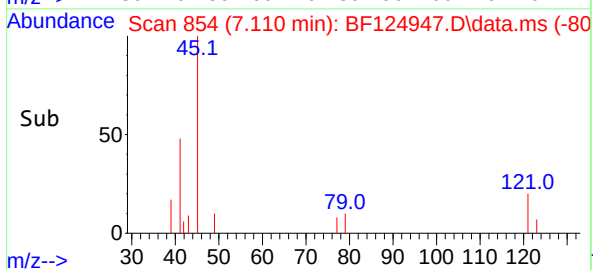
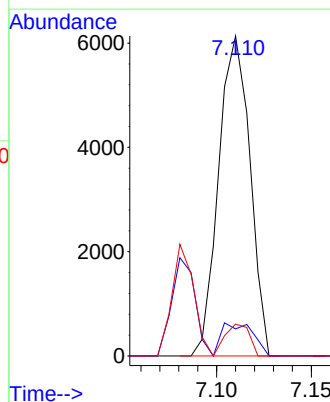
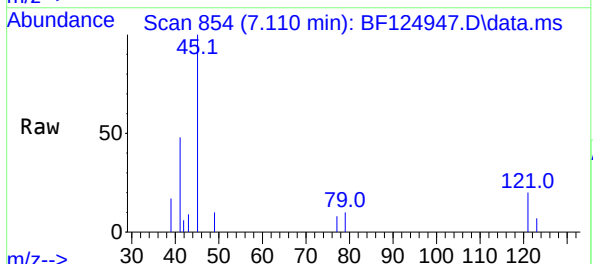
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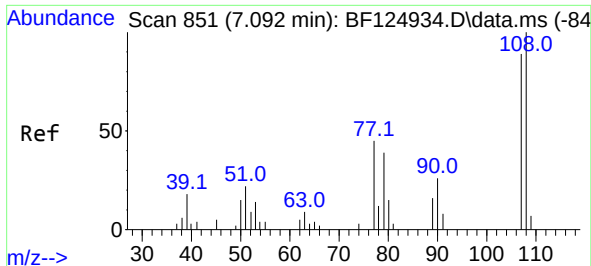
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.825 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

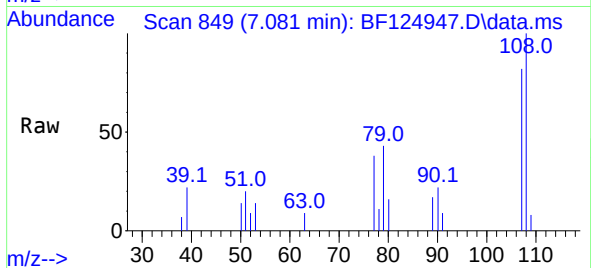
Tgt Ion: 45 Resp: 7062
Ion Ratio Lower Upper
45 100
77 8.5 0.0 30.6
79 10.0 0.0 27.5





#17
2-Methylphenol
Concen: 10.851 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

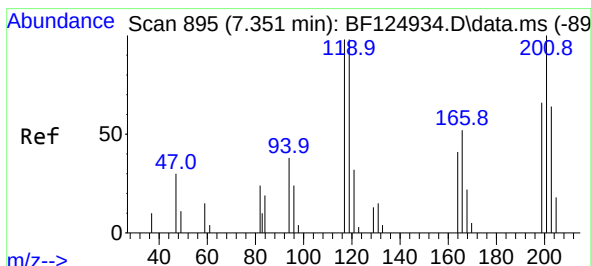
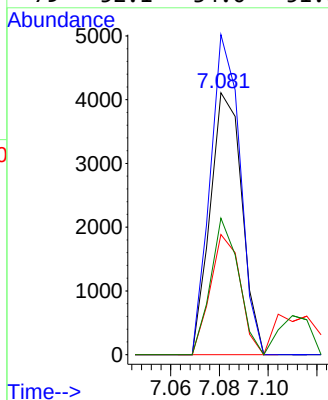
Instrument :
BNA_F
ClientSampleId :
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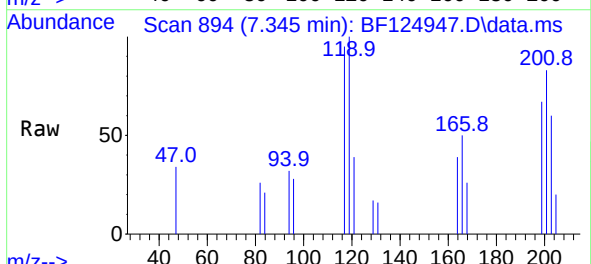
Tgt Ion	Ratio	Lower	Upper
107	100		
108	122.1	90.6	135.8
77	45.9	35.7	53.5
79	52.1	34.0	51.0#

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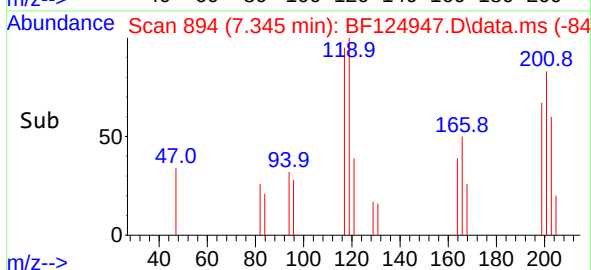
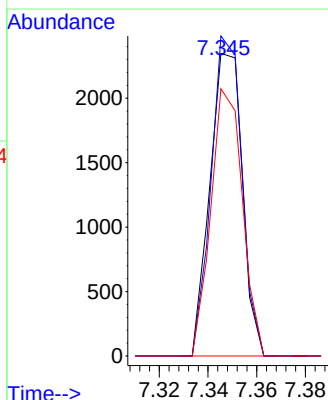
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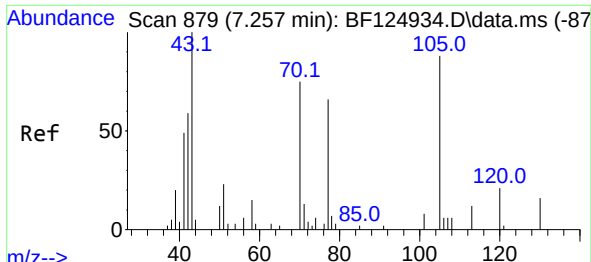


#18
Hexachloroethane
Concen: 11.116 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



Tgt Ion	Ratio	Lower	Upper
117	100		
119	105.7	73.4	110.2
201	88.3	64.9	97.3





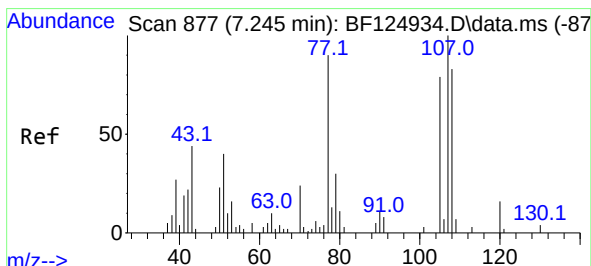
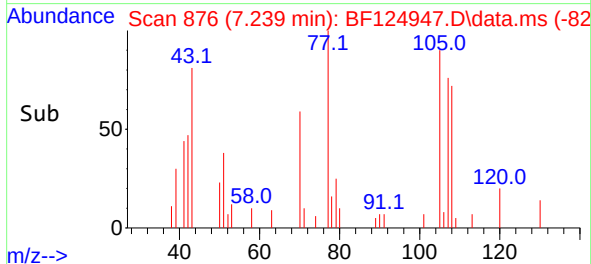
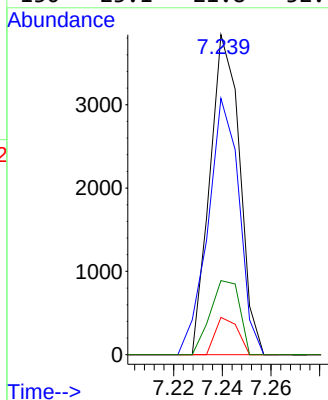
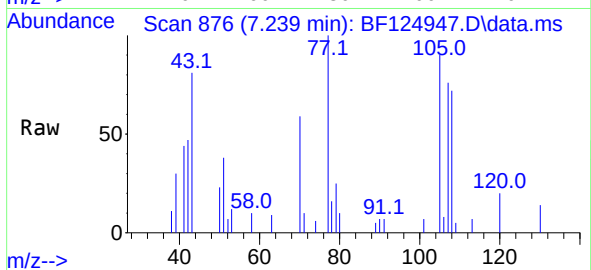
#19
n-Nitroso-di-n-propylamine
Concen: 10.460 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.018 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	70	Resp:	3265
Ion	Ratio	Lower	Upper
70	100		
42	80.1	72.2	108.2
101	11.7	7.8	11.8
130	23.1	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
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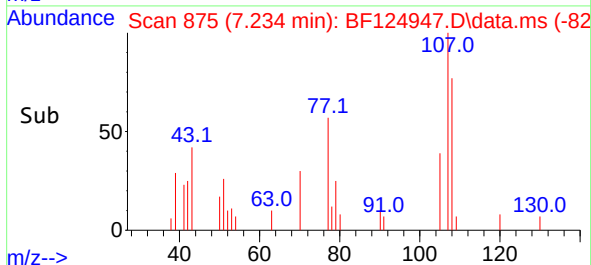
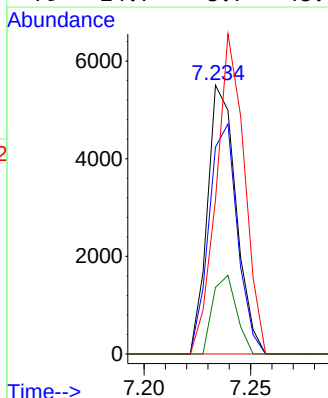
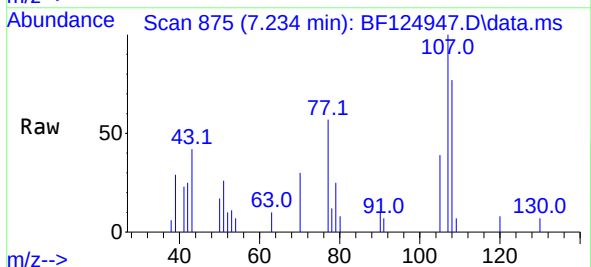
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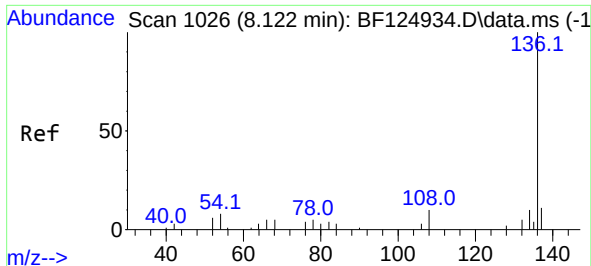
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#20
3+4-Methylphenols
Concen: 11.365 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	107	Resp:	5168
Ion	Ratio	Lower	Upper
107	100		
108	76.9	76.6	116.6
77	57.3	53.3	93.3
79	24.7	8.7	48.7





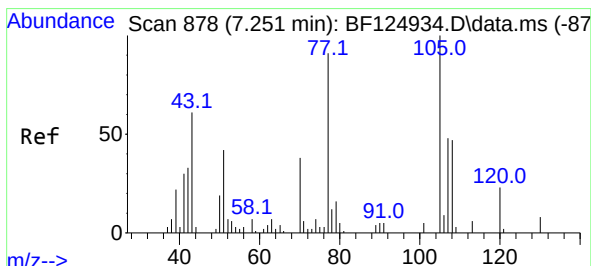
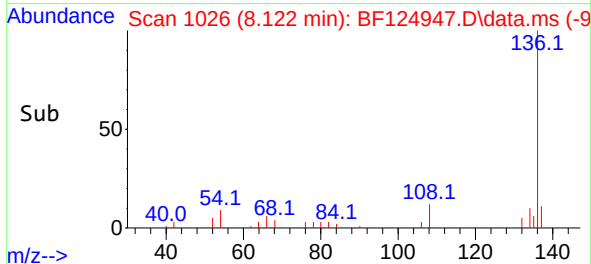
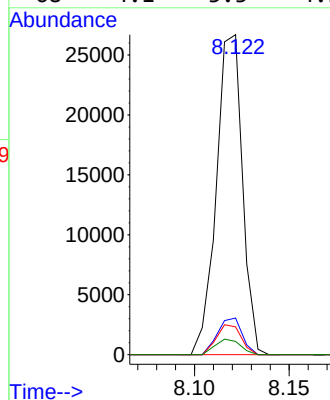
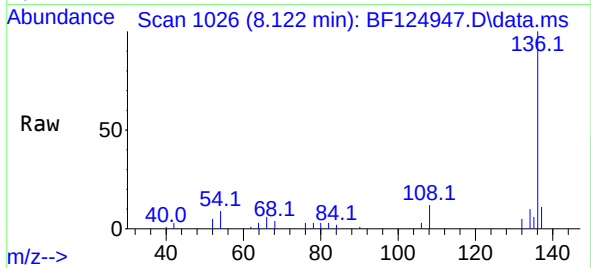
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	136	Resp:	25627
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	8.7	6.4	9.6
68	4.1	3.3	4.9

Instrument :
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ClientSampleId :
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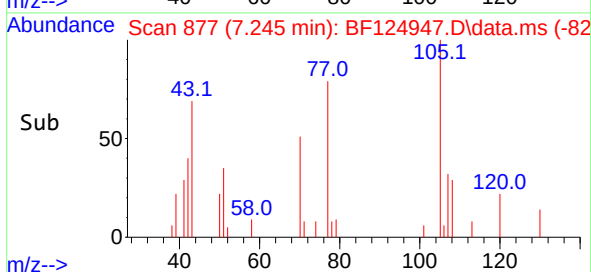
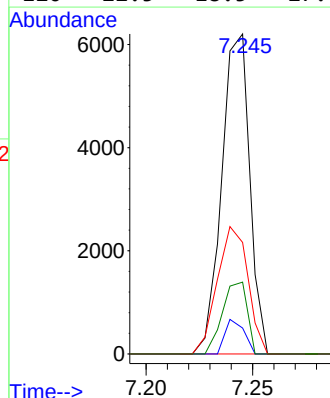
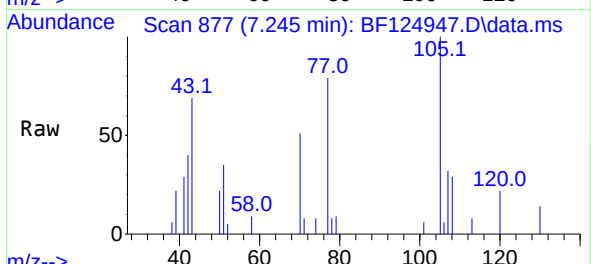
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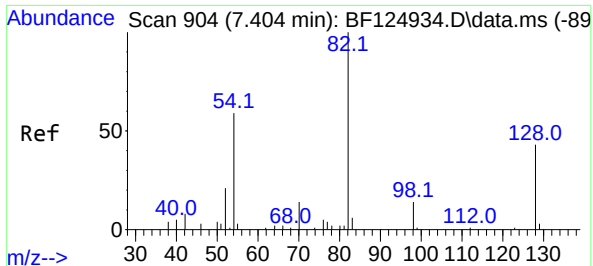
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#22
Acetophenone
Concen: 9.031 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	105	Resp:	5668
Ion Ratio	Lower	Upper	
105	100		
71	8.1	5.5	8.3
51	34.9	26.0	39.0
120	22.5	18.5	27.7





#23

Nitrobenzene-d5

Concen: 55.083 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:	82	Resp:	26984
Ion	Ratio	Lower	Upper
82	100		
128	42.8	40.6	60.8
54	54.6	49.6	74.4

Instrument :

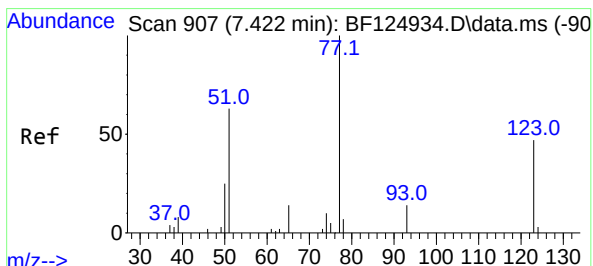
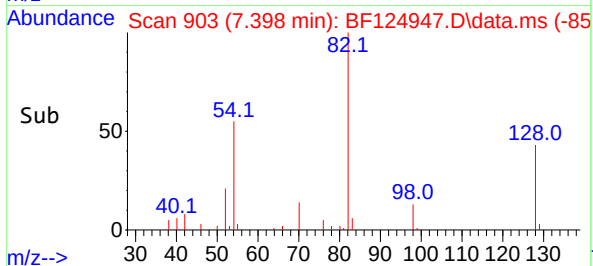
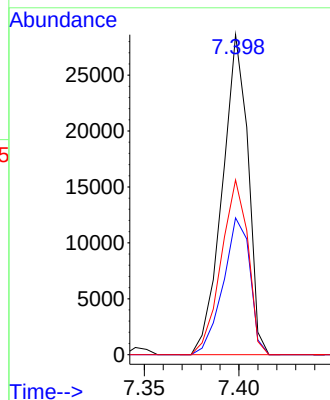
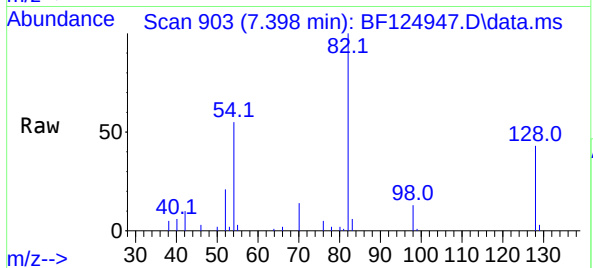
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ClientSampleId :

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#24

Nitrobenzene

Concen: 10.649 ng

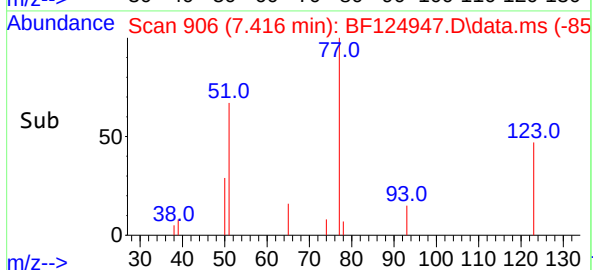
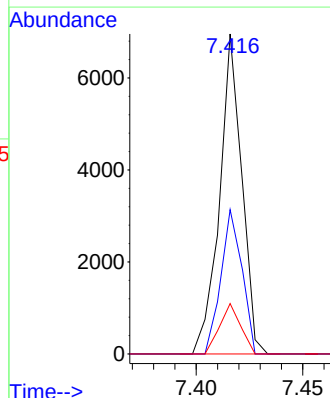
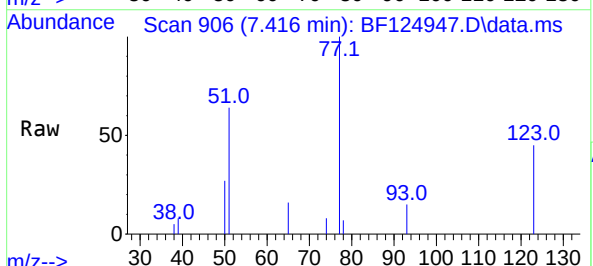
RT: 7.416 min Scan# 906

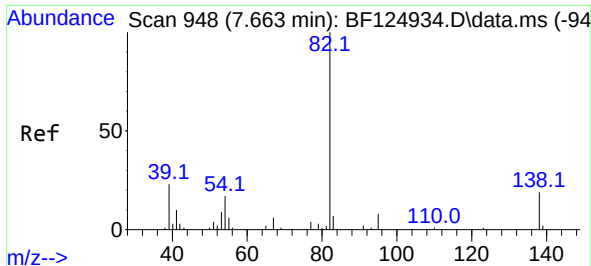
Delta R.T. -0.006 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:	77	Resp:	5048
Ion	Ratio	Lower	Upper
77	100		
123	45.1	42.3	63.5
65	15.7	12.4	18.6





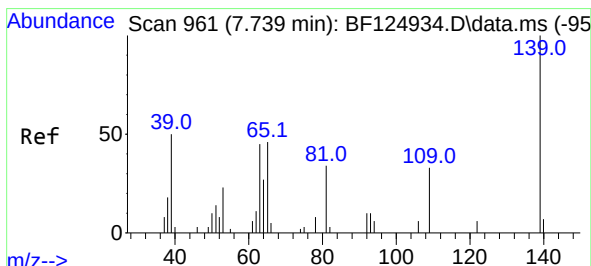
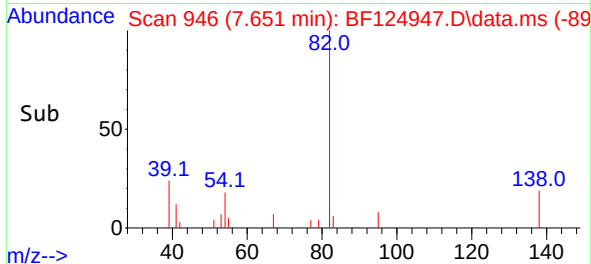
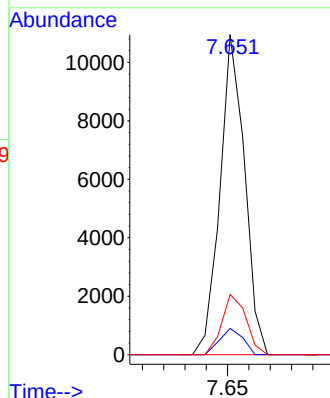
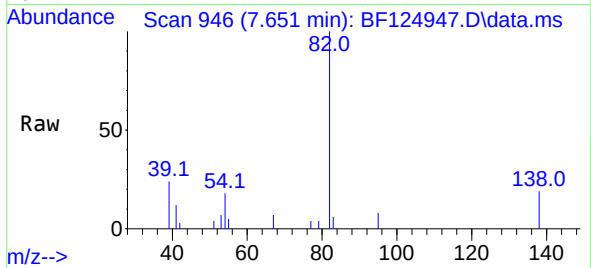
#25
Isophorone
Concen: 10.502 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	82	Resp:	8781
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.5	9.7
138	18.8	18.4	27.6

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

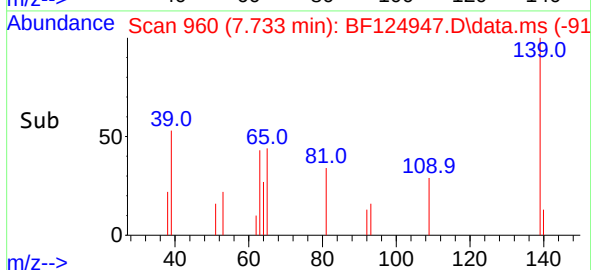
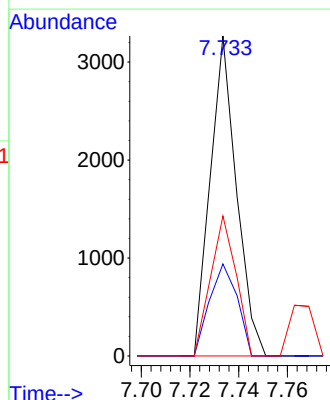
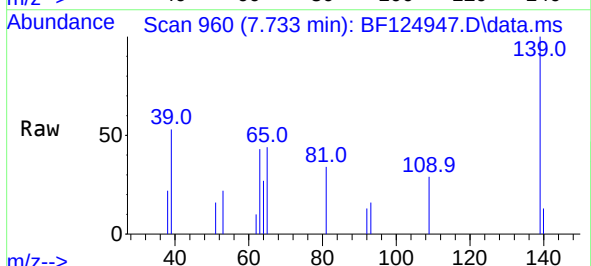
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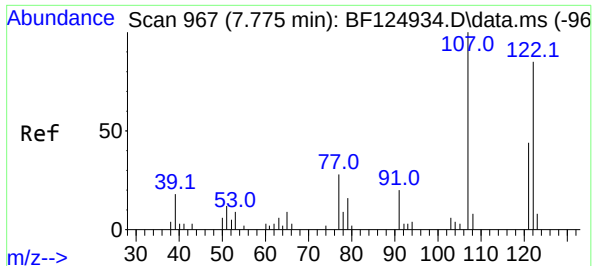
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#26
2-Nitrophenol
Concen: 10.137 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	139	Resp:	2440
Ion	Ratio	Lower	Upper
139	100		
109	28.7	26.0	39.0
65	43.8	31.0	46.4





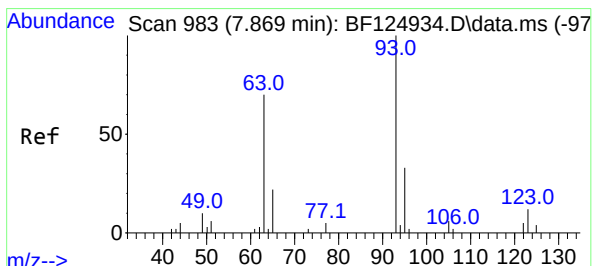
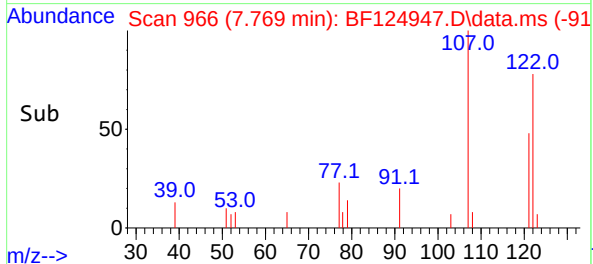
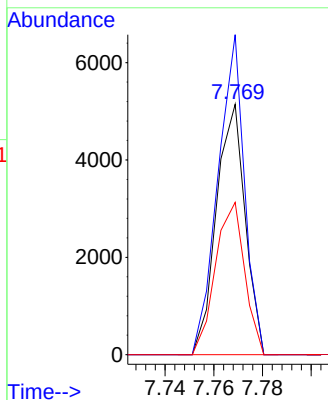
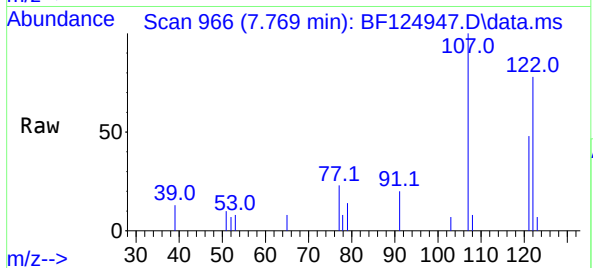
#27
2,4-Dimethylphenol
Concen: 12.361 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:	122	Resp:	4218
Ion	Ratio	Lower	Upper
122	100		
107	127.8	85.0	127.6#
121	60.8	43.3	64.9

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

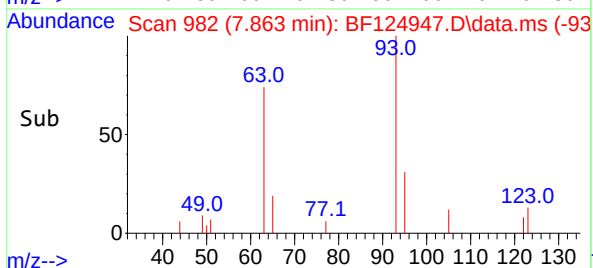
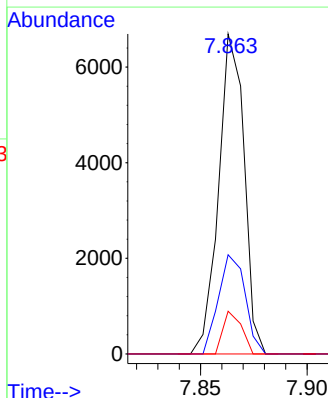
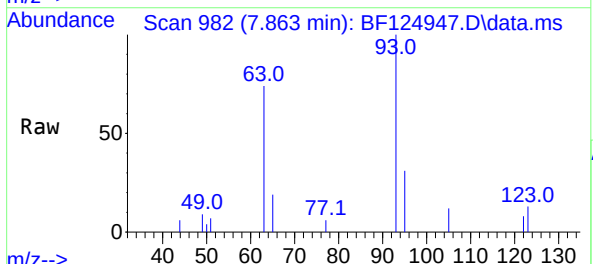
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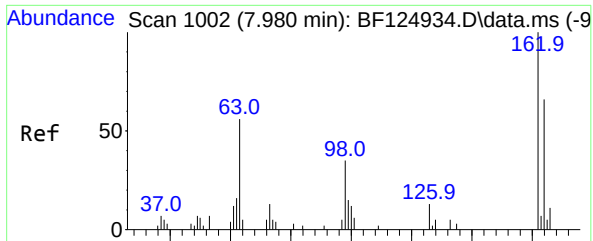
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#28
bis(2-Chloroethoxy)methane
Concen: 11.713 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

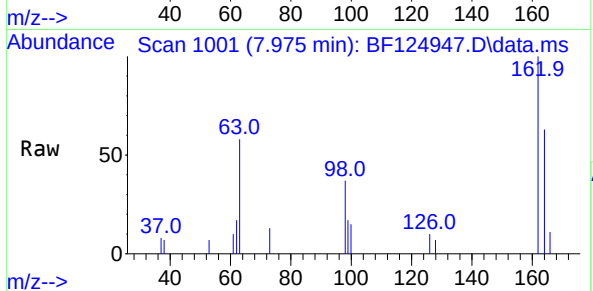
Tgt Ion:	93	Resp:	5574
Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.1	39.1
123	13.3	11.7	17.5





#29
2,4-Dichlorophenol
Concen: 9.911 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

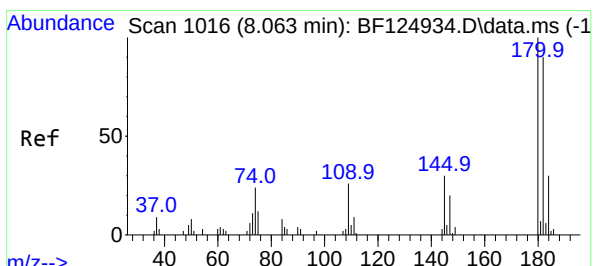
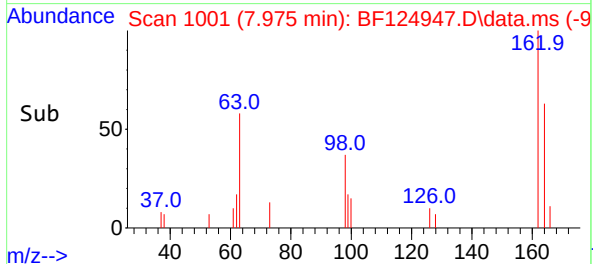
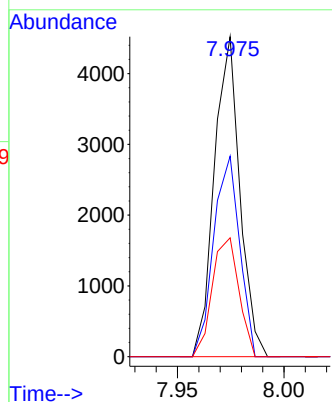
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



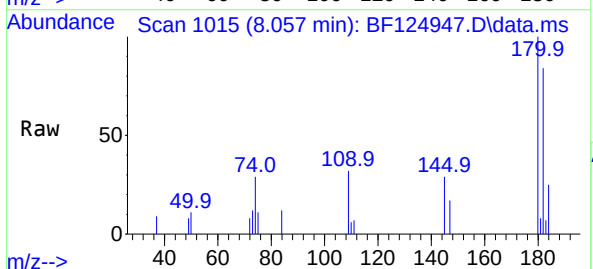
Tgt Ion:162 Resp: 3768
Ion Ratio Lower Upper
162 100
164 62.6 44.5 84.5
98 37.1 13.0 53.0

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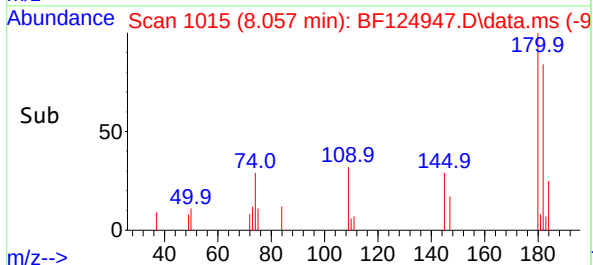
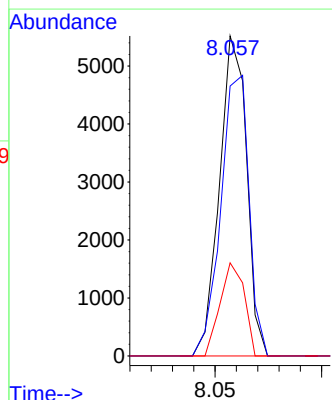
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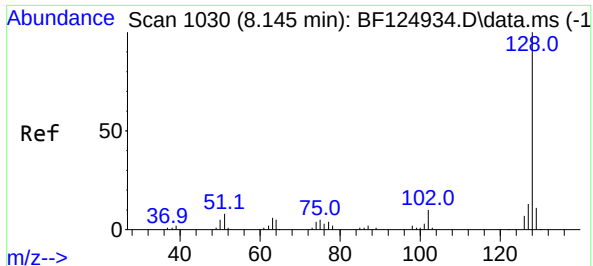


#30
1,2,4-Trichlorobenzene
Concen: 11.480 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



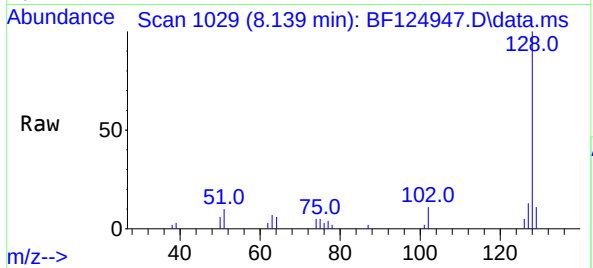
Tgt Ion:180 Resp: 4891
Ion Ratio Lower Upper
180 100
182 84.4 76.8 115.2
145 29.1 26.7 40.1





#31
Naphthalene
Concen: 10.667 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

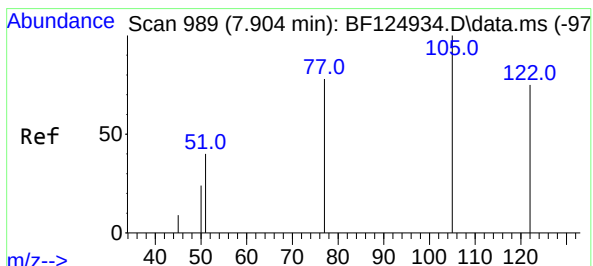
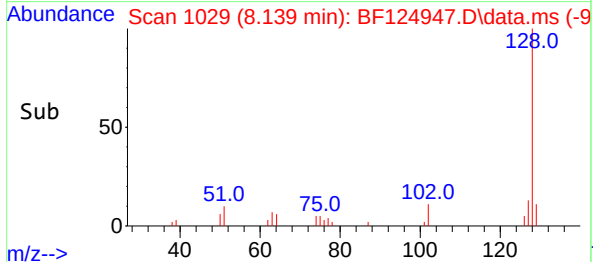
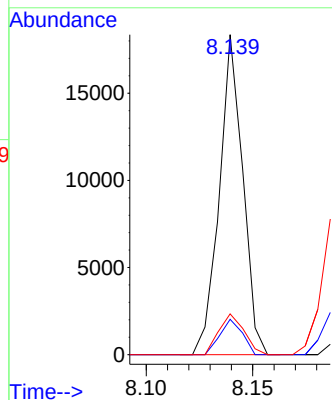
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:128 Resp: 14045
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.8 10.9 16.3

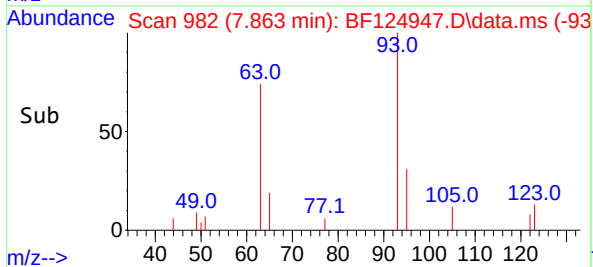
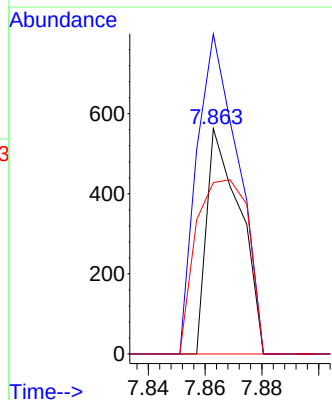
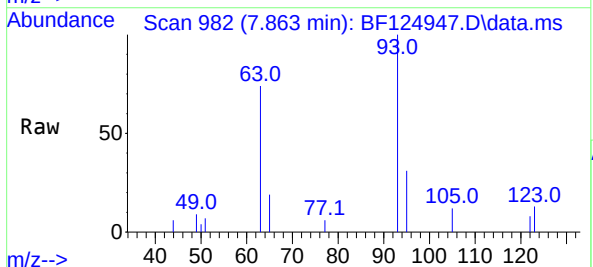
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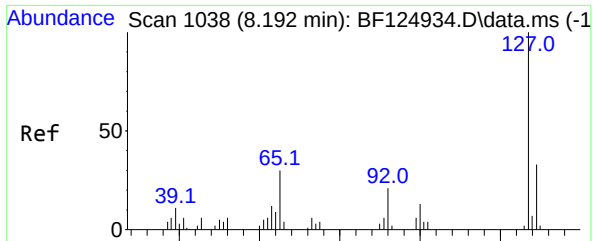
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#32
Benzoic acid
Concen: 9.367 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

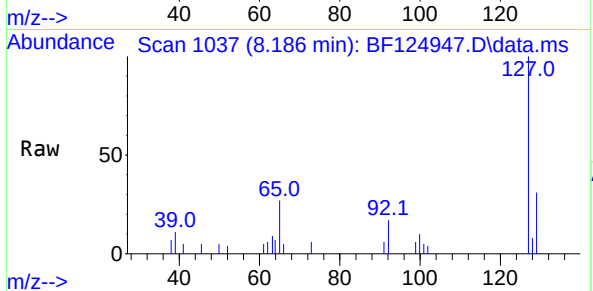
Tgt Ion:122 Resp: 461
Ion Ratio Lower Upper
122 100
105 141.9 97.6 137.6#
77 76.0 59.6 99.6





#33
4-Chloroaniline
Concen: 12.624 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

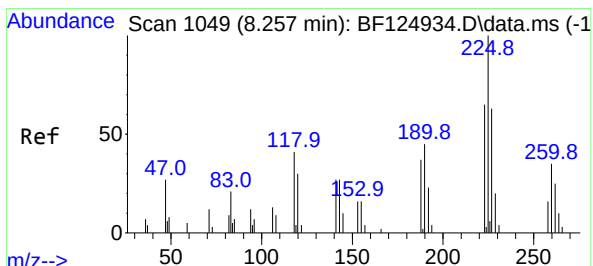
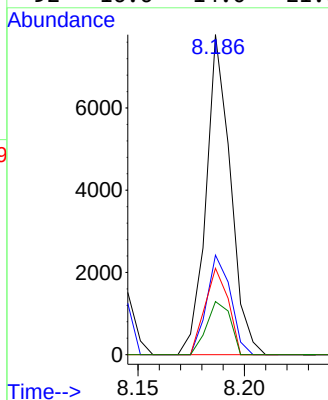
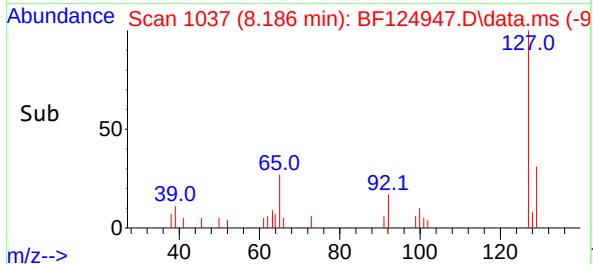
Instrument :
BNA_F
ClientSampleId :
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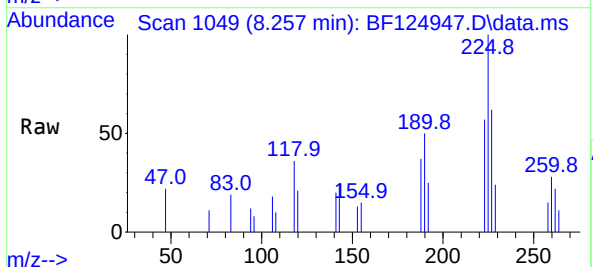
Tgt Ion:	127	Resp:	6194
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	27.0	21.2	31.8
92	16.6	14.0	21.0

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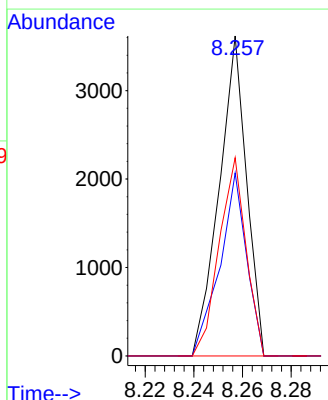
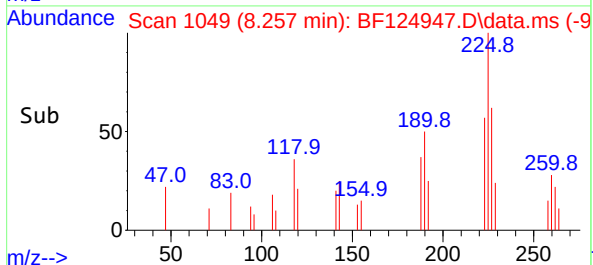
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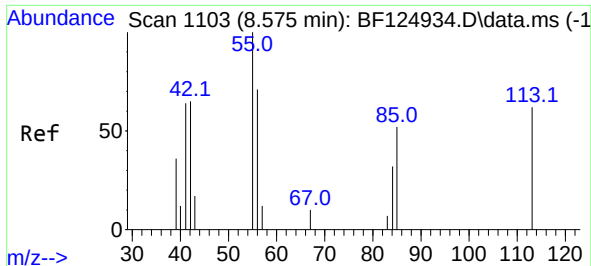


#34
Hexachlorobutadiene
Concen: 11.115 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



Tgt Ion:	225	Resp:	2828
Ion	Ratio	Lower	Upper
225	100		
223	57.2	50.6	76.0
227	62.0	50.6	75.8





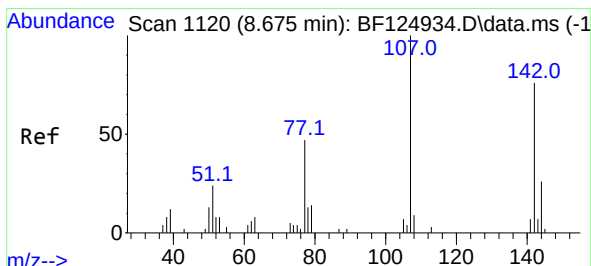
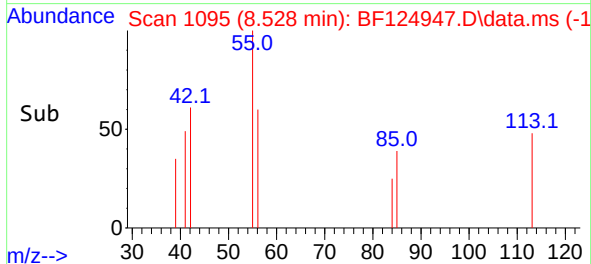
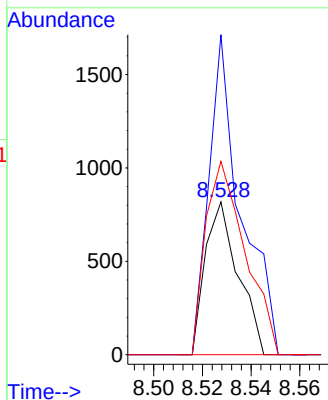
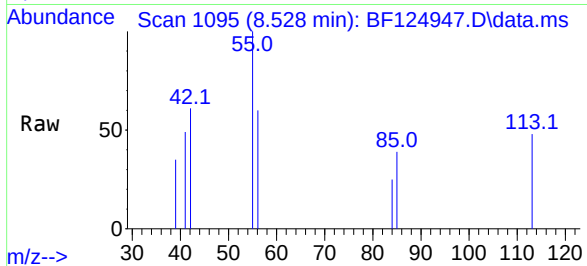
#35
Caprolactam
Concen: 7.588 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.047 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:113 Resp: 766
Ion Ratio Lower Upper
113 100
55 209.4 154.1 194.1#
56 126.5 108.7 148.7

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

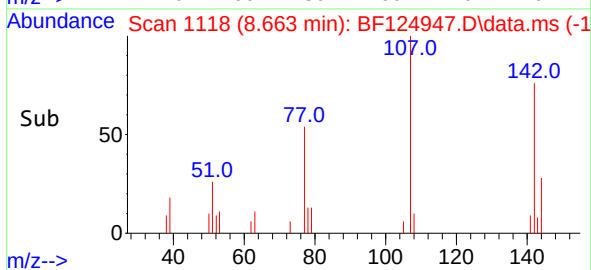
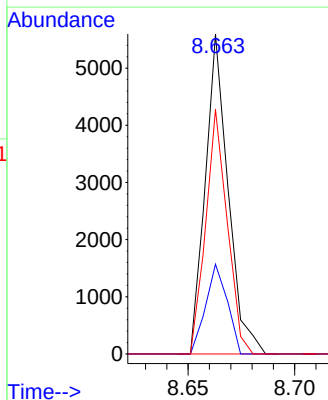
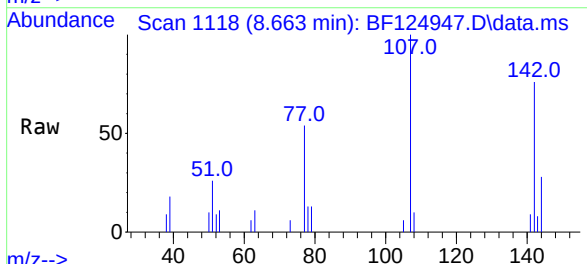
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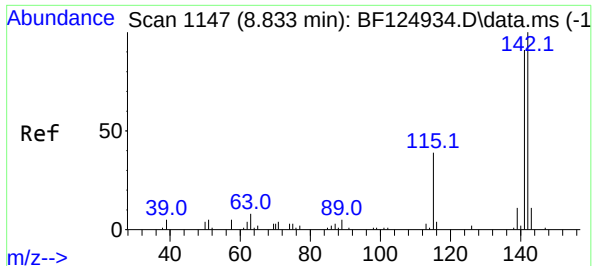
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#36
4-Chloro-3-methylphenol
Concen: 10.524 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:107 Resp: 4185
Ion Ratio Lower Upper
107 100
144 28.0 21.9 32.9
142 76.5 67.1 100.7





#37

2-Methylnaphthalene

Concen: 11.092 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:142 Resp: 9819

Ion Ratio Lower Upper

142 100

141 88.2 71.2 106.8

Instrument :

BNA_F

ClientSampleId :

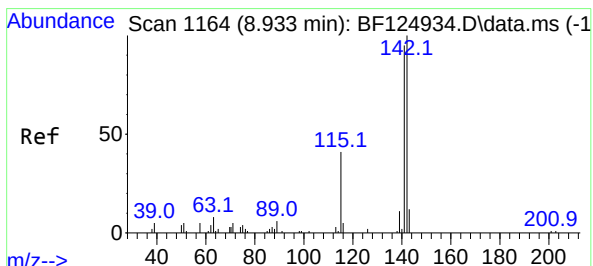
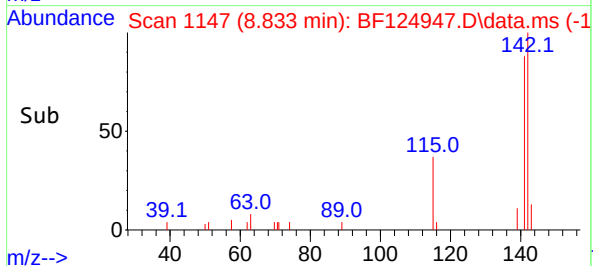
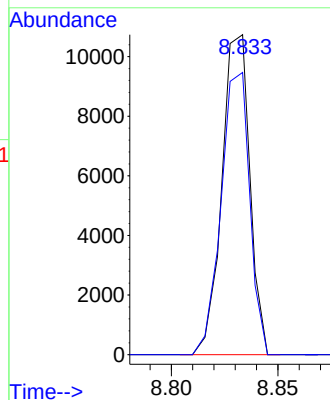
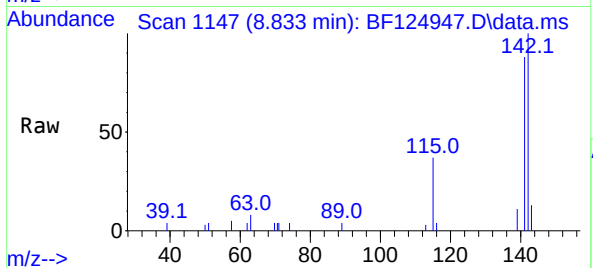
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#38

1-Methylnaphthalene

Concen: 11.102 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF124947.D

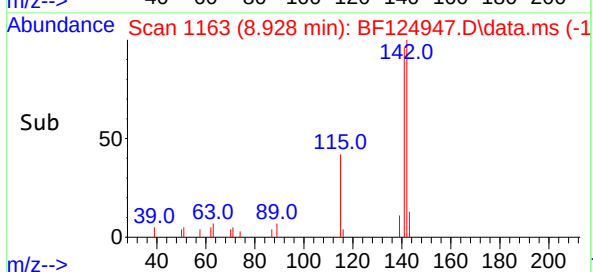
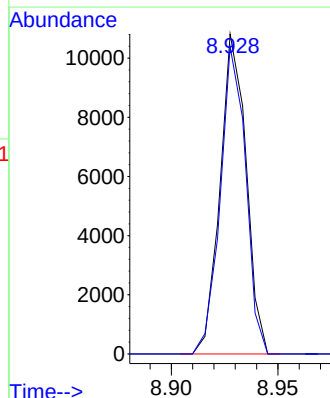
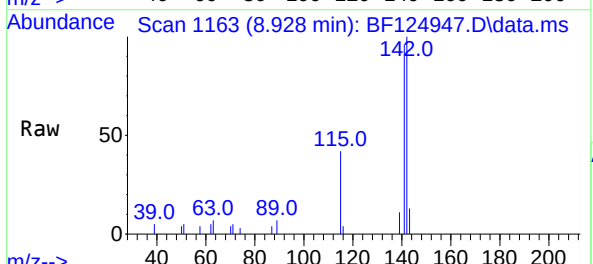
Acq: 5 Aug 2021 16:54

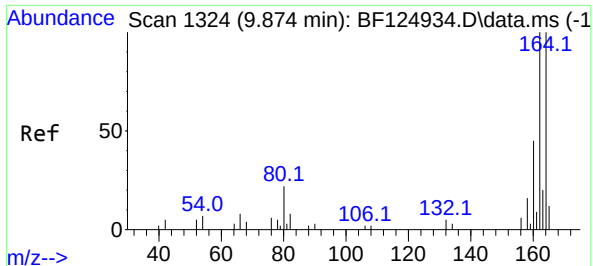
Tgt Ion:142 Resp: 9196

Ion Ratio Lower Upper

142 100

141 96.1 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: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:	164	Resp:	14808
Ion	Ratio	Lower	Upper
164	100		
162	110.7	81.3	121.9
160	44.6	38.0	57.0

Instrument :

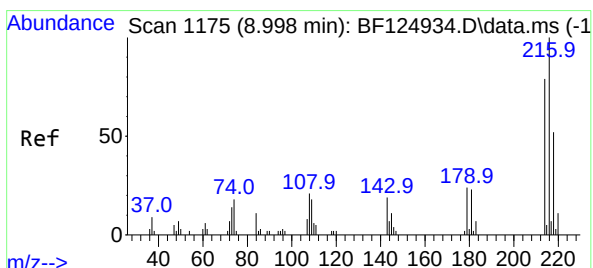
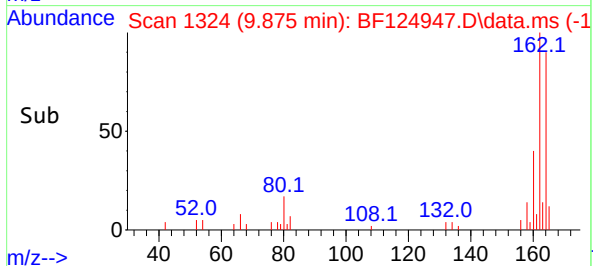
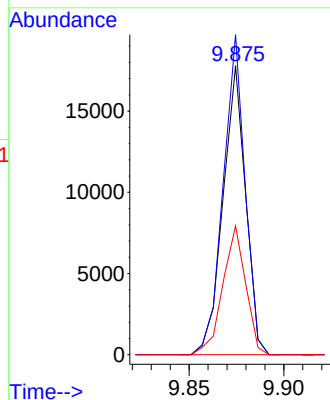
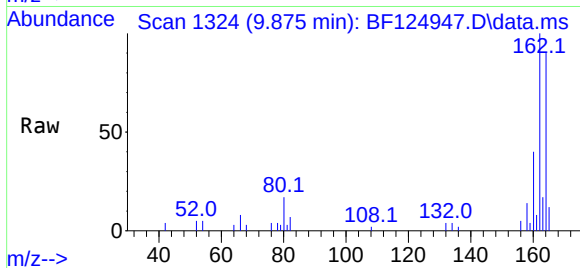
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ClientSampleId :

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.710 ng

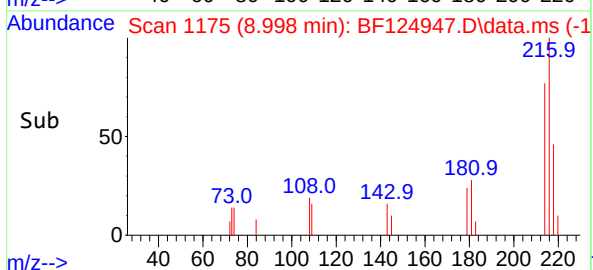
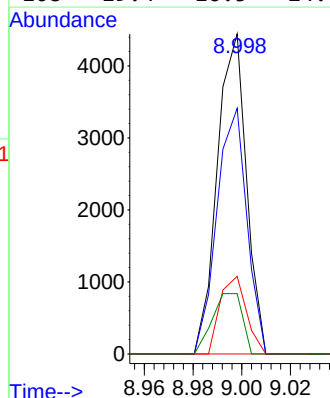
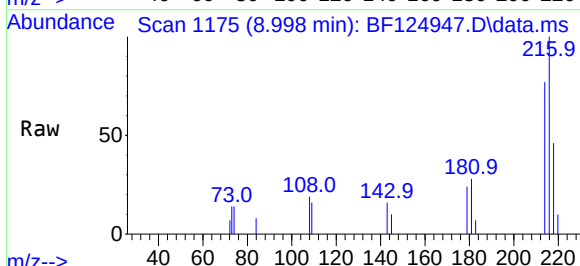
RT: 8.998 min Scan# 1175

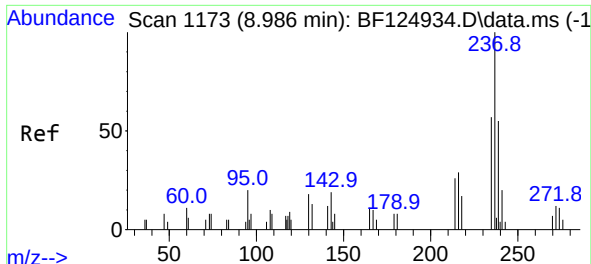
Delta R.T. 0.000 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:	216	Resp:	3702
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.9	97.3
179	21.9	17.4	26.2
108	19.4	16.5	24.7





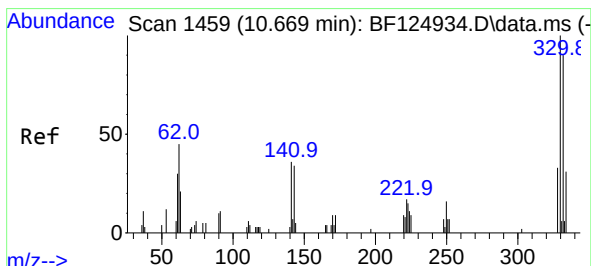
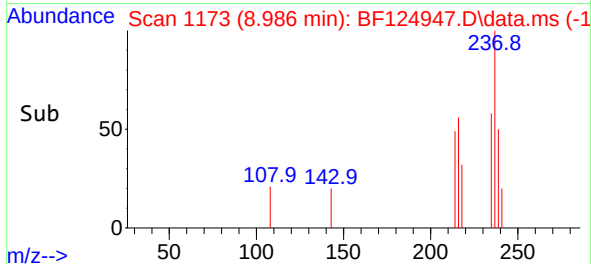
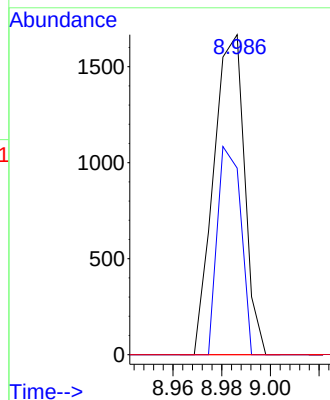
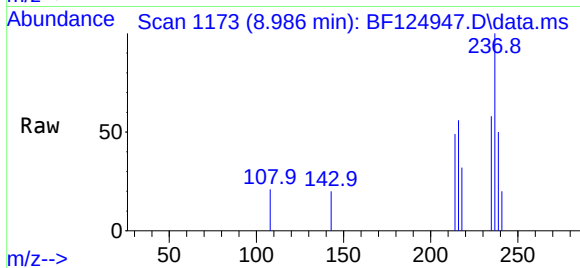
#41
Hexachlorocyclopentadiene
Concen: 13.854 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion: 237 Resp: 1468
Ion Ratio Lower Upper
237 100
235 58.3 44.7 84.7
272 0.0 0.0 31.6

Instrument :
BNA_F
ClientSampleId :
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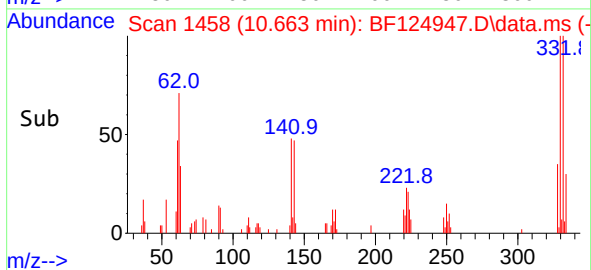
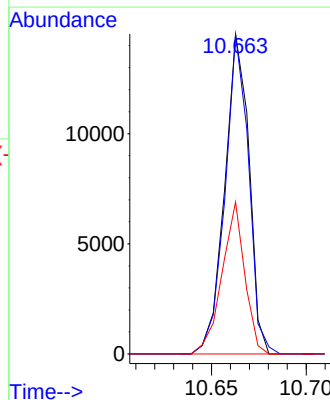
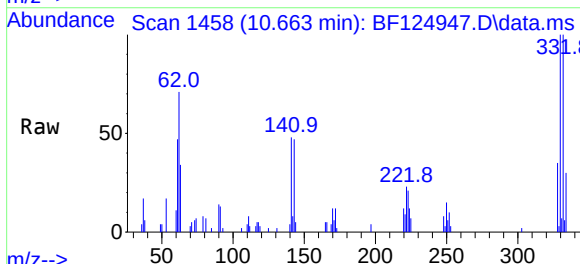
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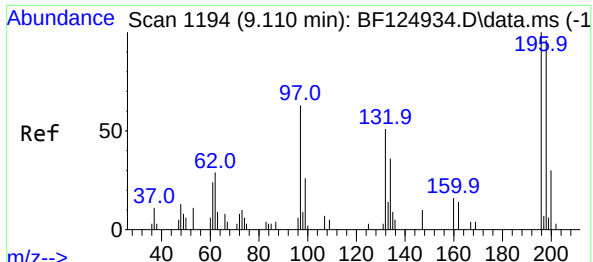
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#42
2,4,6-Tribromophenol
Concen: 97.971 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion: 330 Resp: 12961
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 44.5 44.6 66.8#





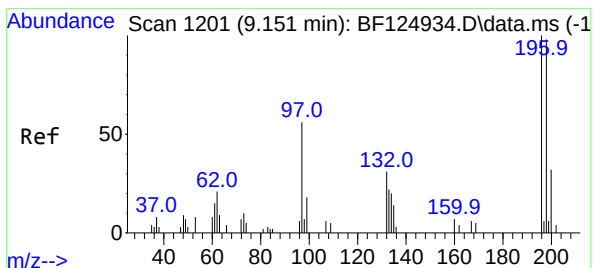
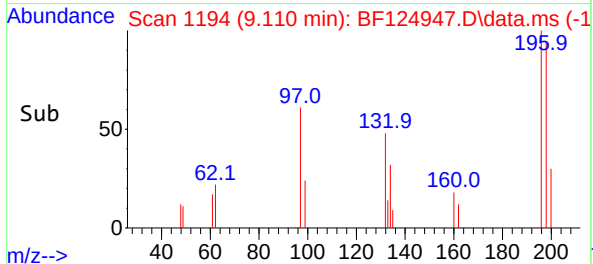
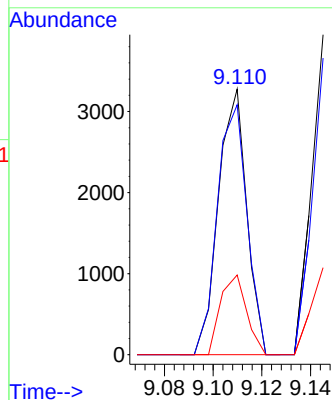
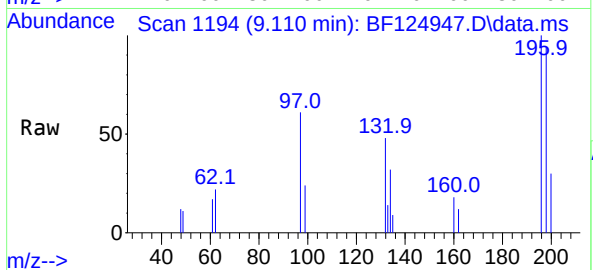
#43
2,4,6-Trichlorophenol
Concen: 9.344 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:196 Resp: 2644
Ion Ratio Lower Upper
196 100
198 94.1 74.9 112.3
200 30.0 27.0 40.4

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

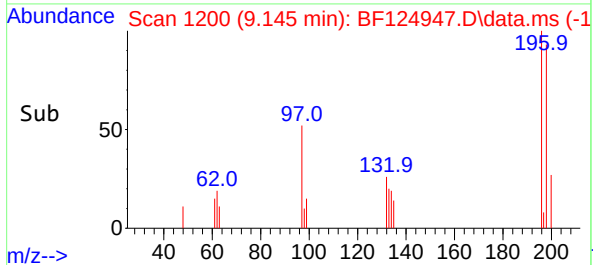
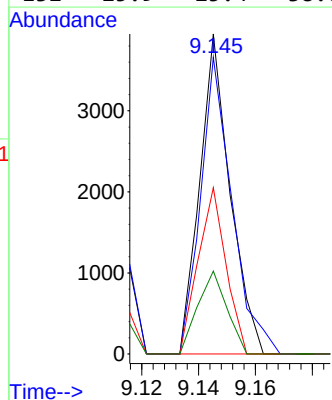
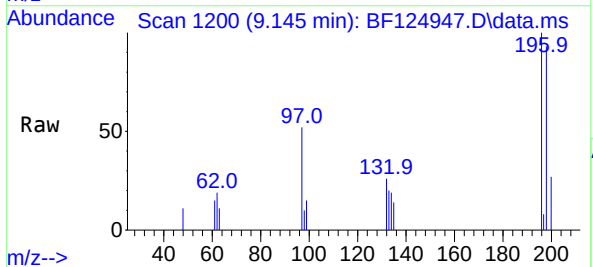
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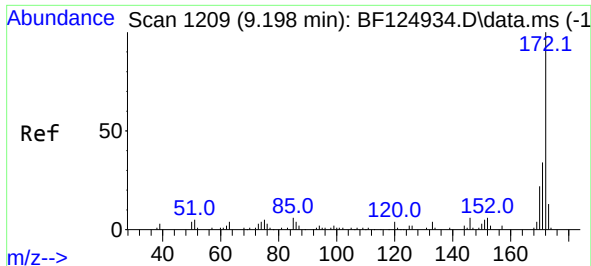
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#44
2,4,5-Trichlorophenol
Concen: 10.223 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

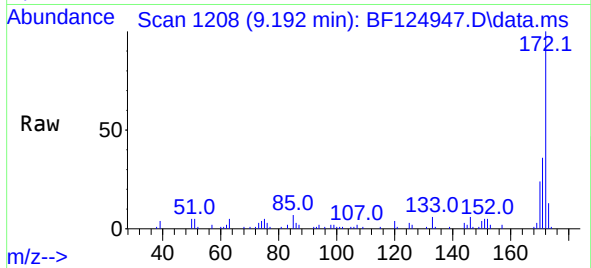
Tgt Ion:196 Resp: 2928
Ion Ratio Lower Upper
196 100
198 92.7 80.2 120.2
97 52.0 44.0 66.0
132 25.9 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 54.316 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

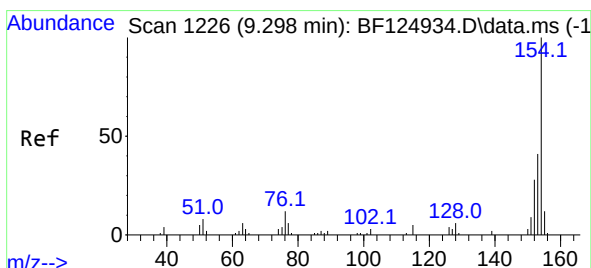
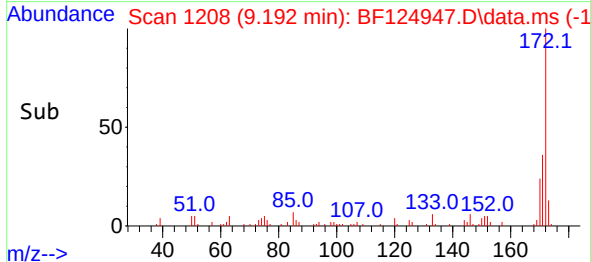
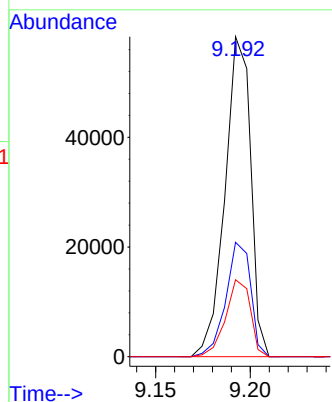
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



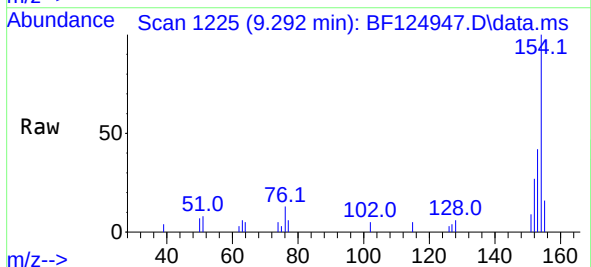
Tgt Ion:172 Resp: 54968
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2

Manual Integrations
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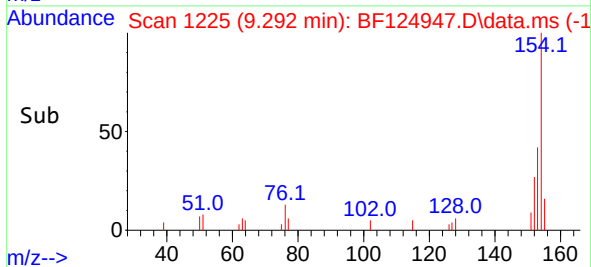
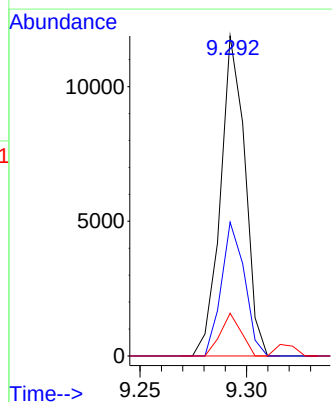
mohammad
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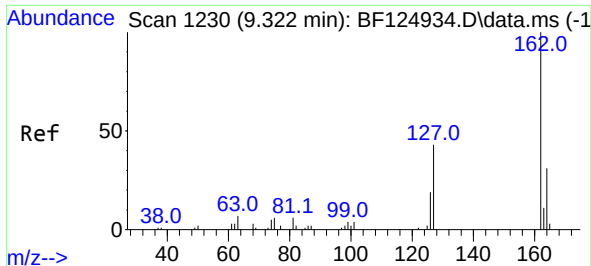


#46
1,1'-Biphenyl
Concen: 8.630 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



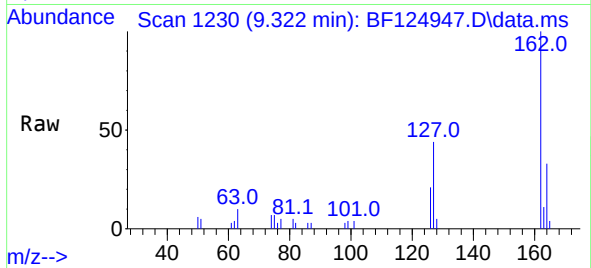
Tgt Ion:154 Resp: 9523
Ion Ratio Lower Upper
154 100
153 41.8 20.0 60.0
76 13.4 0.0 30.3





#47
2-Chloronaphthalene
Concen: 10.543 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

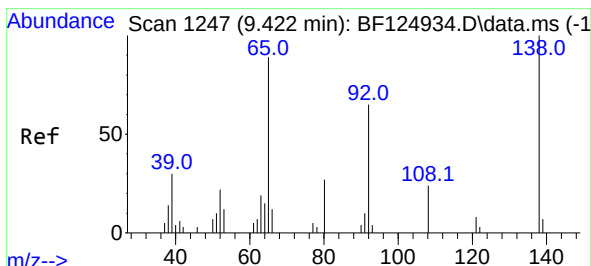
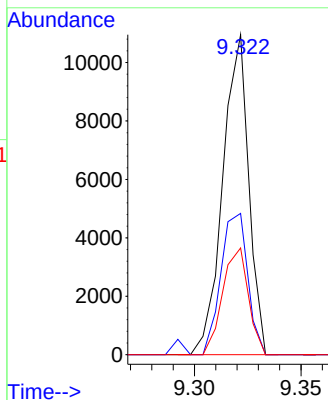
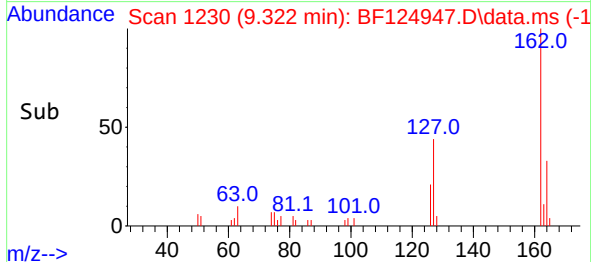
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



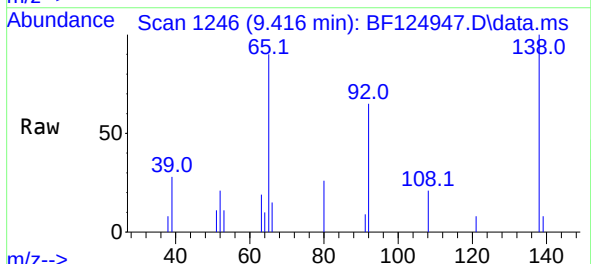
Tgt Ion:162 Resp: 9256
Ion Ratio Lower Upper
162 100
127 44.2 33.0 49.4
164 33.4 25.8 38.8

Manual Integrations
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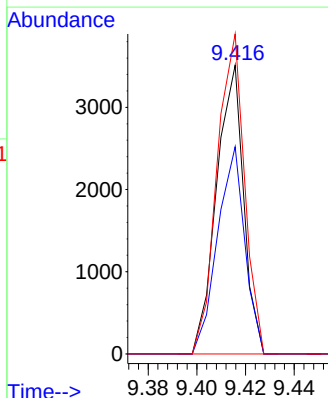
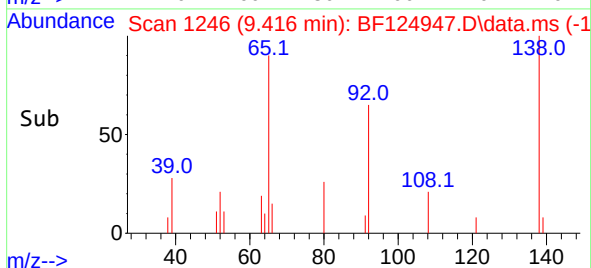
mohammad
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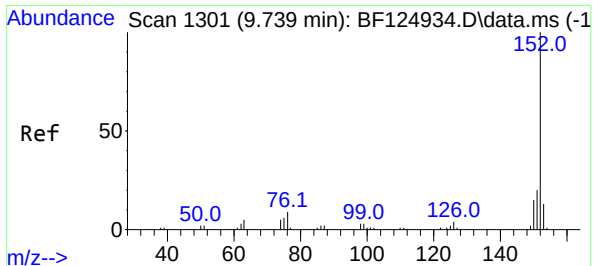


#48
2-Nitroaniline
Concen: 10.520 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

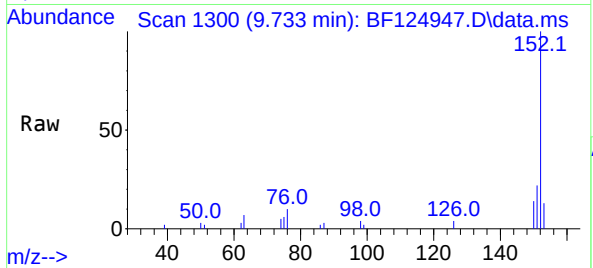


Tgt Ion: 65 Resp: 2713
Ion Ratio Lower Upper
65 100
92 71.7 55.5 83.3
138 110.8 93.5 140.3

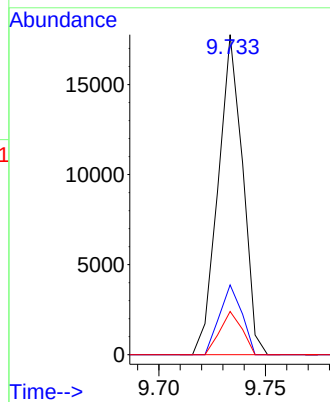
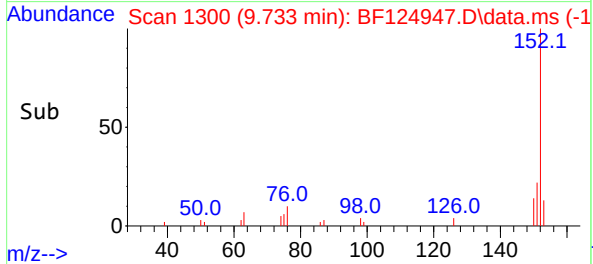




#49
Acenaphthylene
Concen: 10.657 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



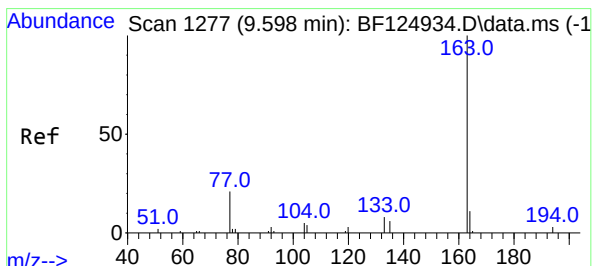
Tgt Ion:152 Resp: 14212
Ion Ratio Lower Upper
152 100
151 21.8 15.7 23.5
153 13.5 9.8 14.8



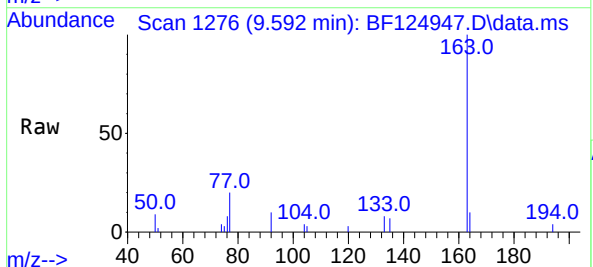
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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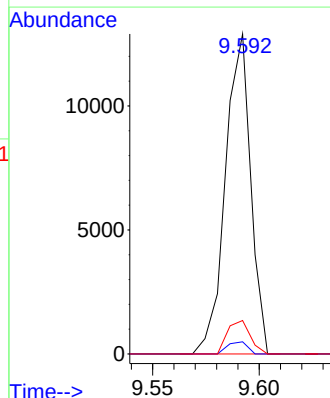
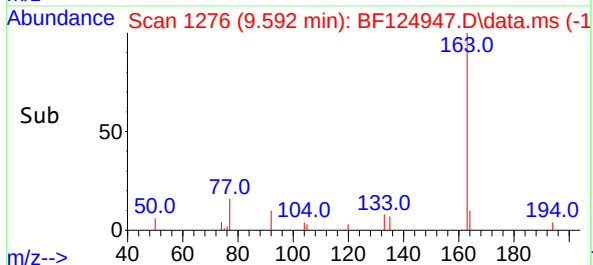
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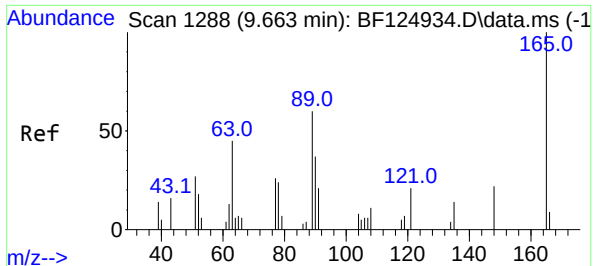


#50
Dimethylphthalate
Concen: 10.613 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



Tgt Ion:163 Resp: 10650
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.4 7.4 11.0





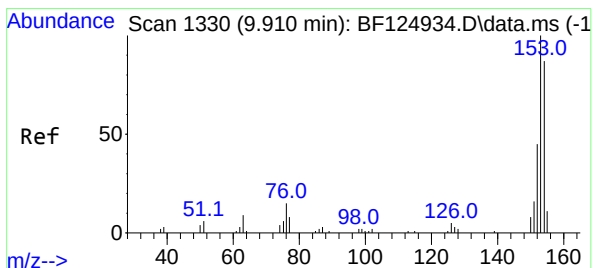
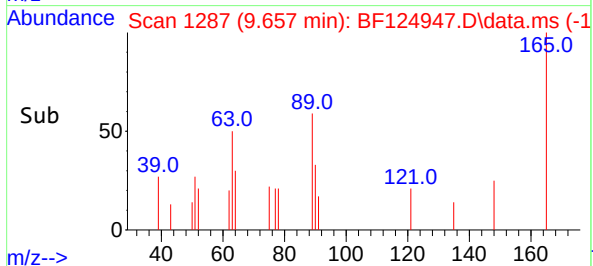
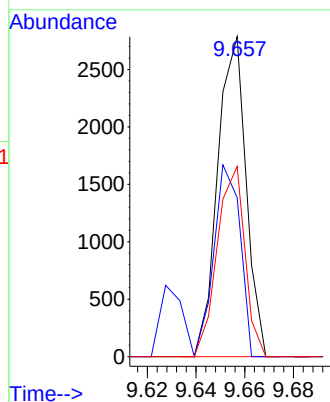
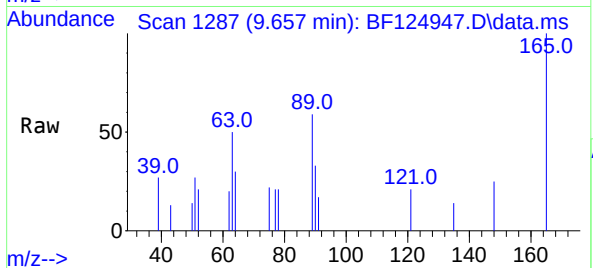
#51
2,6-Dinitrotoluene
Concen: 10.110 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:165 Resp: 2259
Ion Ratio Lower Upper
165 100
63 49.7 42.6 63.8
89 59.4 40.6 60.8

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

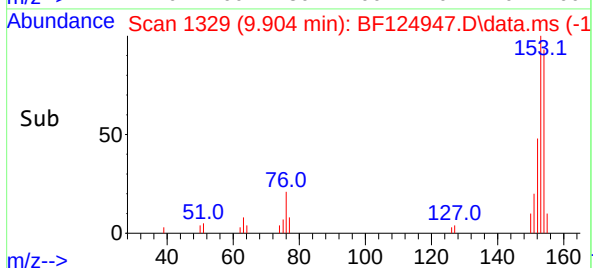
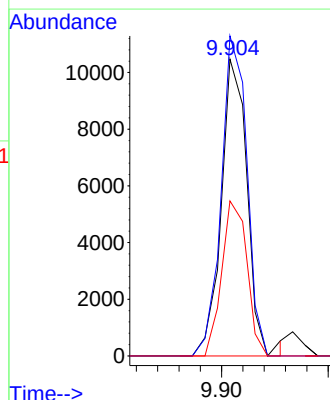
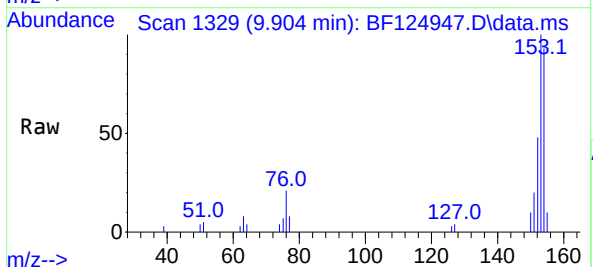
Manual Integrations
APPROVED

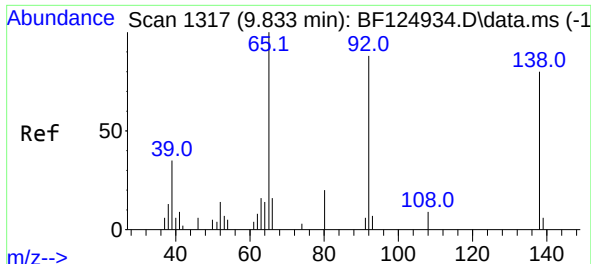
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#52
Acenaphthene
Concen: 10.954 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:154 Resp: 8856
Ion Ratio Lower Upper
154 100
153 107.8 89.4 134.2
152 52.2 40.5 60.7





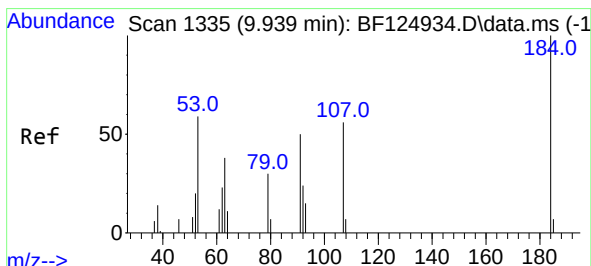
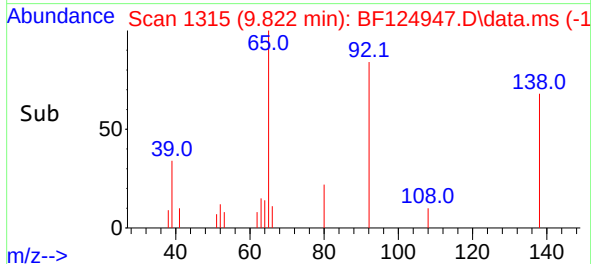
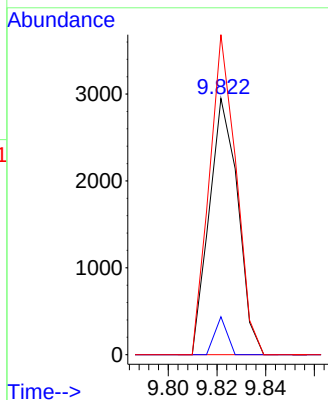
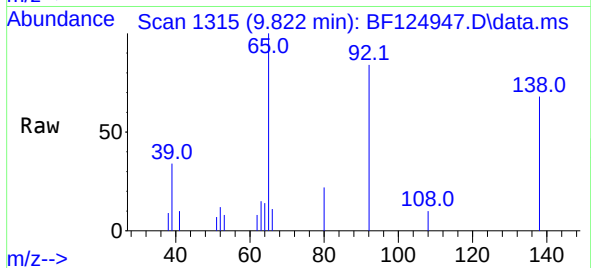
#53
3-Nitroaniline
Concen: 10.240 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

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

Tgt Ion:138 Resp: 2410
Ion Ratio Lower Upper
138 100
108 14.8 9.3 13.9#
92 124.9 76.5 114.7#

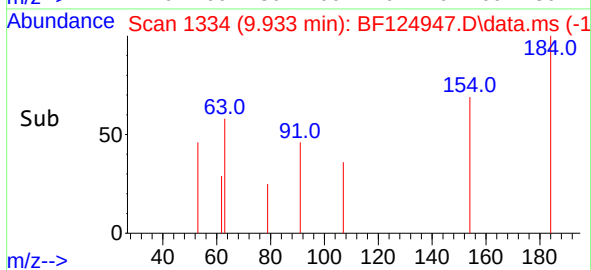
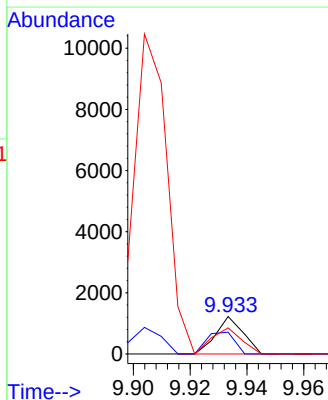
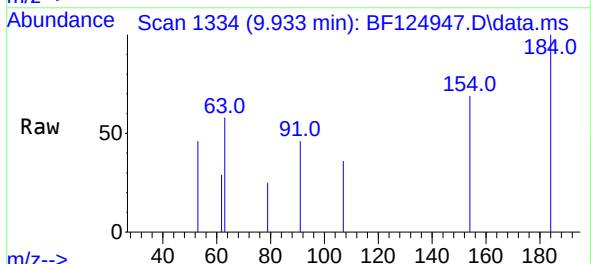
Manual Integrations
APPROVED

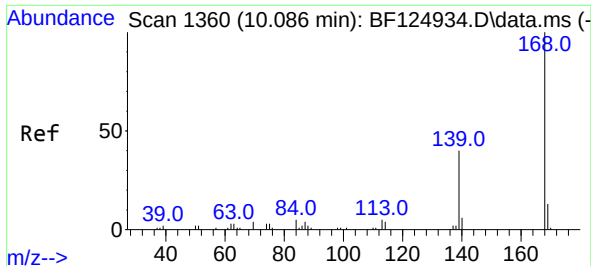
mohammad
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#54
2,4-Dinitrophenol
Concen: 12.114 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

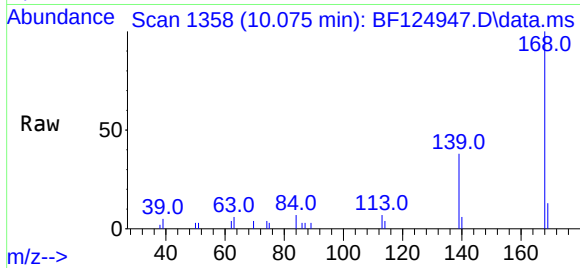
Tgt Ion:184 Resp: 813
Ion Ratio Lower Upper
184 100
63 58.2 59.3 88.9#
154 69.5 68.6 102.8





#55
Dibenzenofuran
Concen: 10.527 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

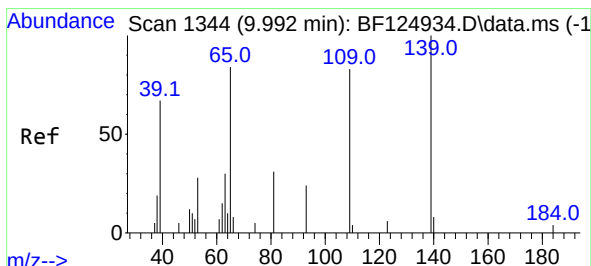
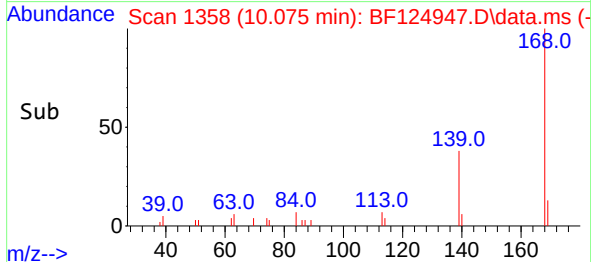
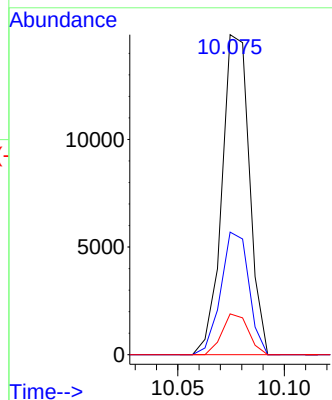
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:168 Resp: 13301
Ion Ratio Lower Upper
168 100
139 38.3 32.7 49.1
169 12.7 11.2 16.8

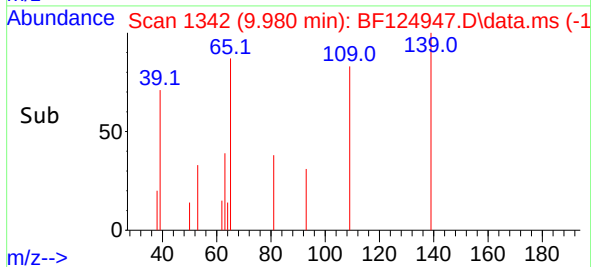
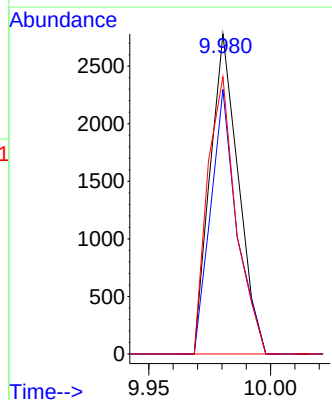
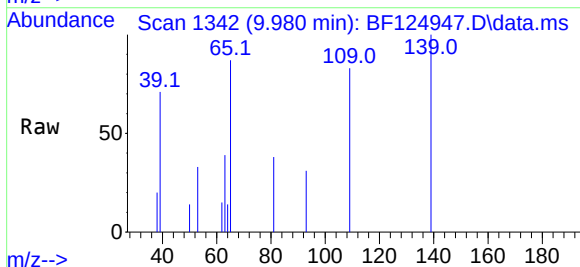
Manual Integrations
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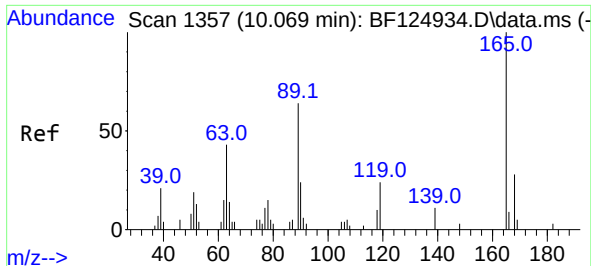
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#56
4-Nitrophenol
Concen: 14.464 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

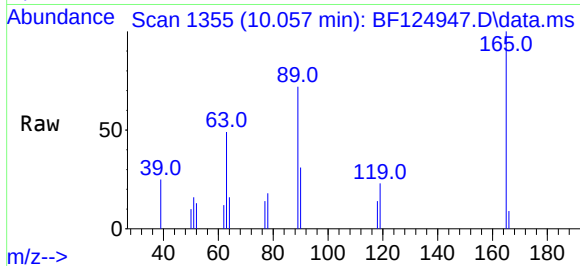
Tgt Ion:139 Resp: 2244
Ion Ratio Lower Upper
139 100
109 82.7 60.4 100.4
65 86.6 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 10.380 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

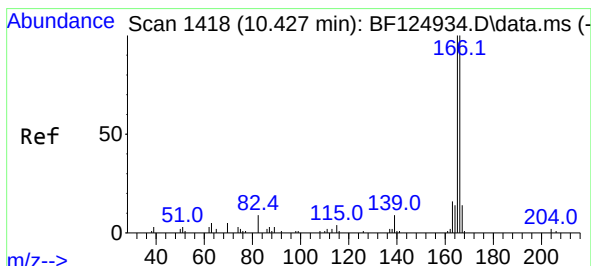
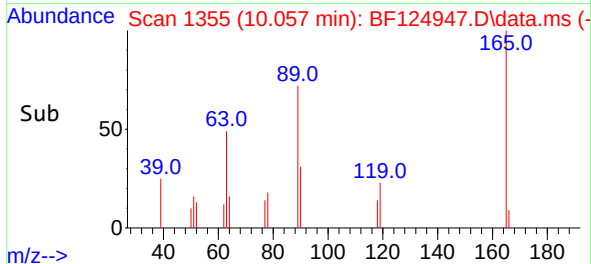
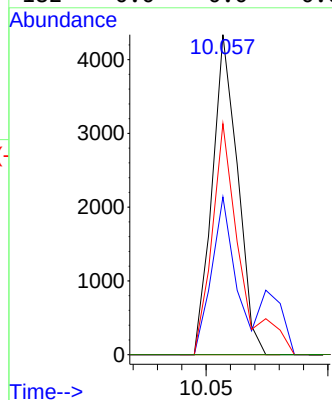
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



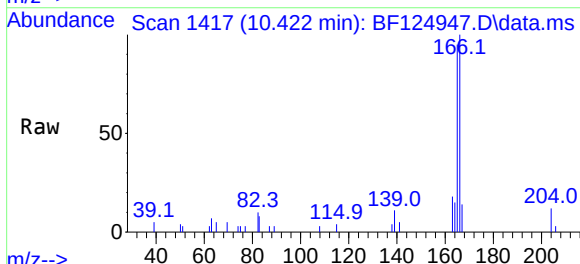
Tgt Ion:	165	Resp:	3149
Ion Ratio	Lower	Upper	
165	100		
63	49.3	40.9	61.3
89	72.2	59.7	89.5
182	0.0	0.0	0.0

Manual Integrations
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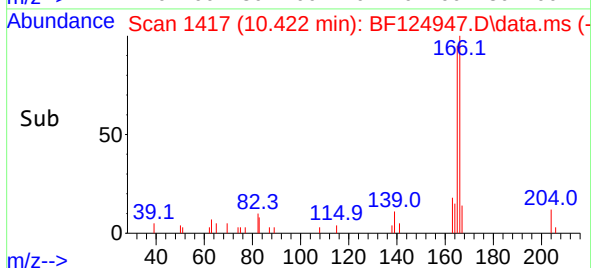
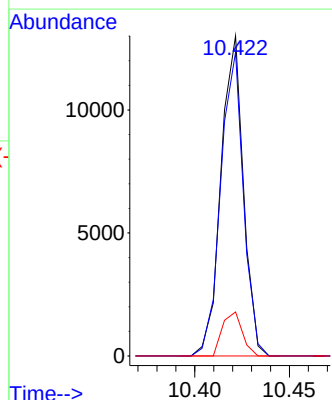
mohammad
8/6/2021 2:46:47 PM

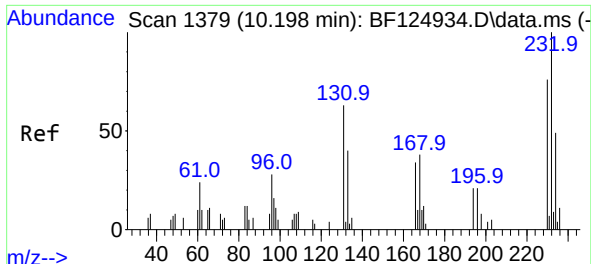


#58
Fluorene
Concen: 11.056 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

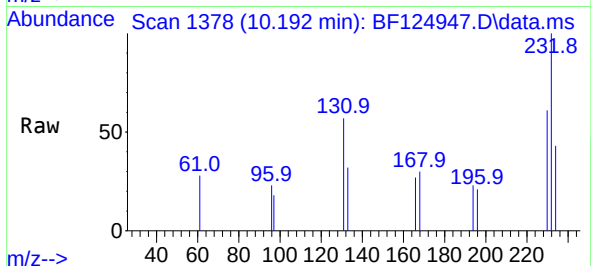


Tgt Ion:	166	Resp:	10711
Ion Ratio	Lower	Upper	
166	100		
165	95.0	78.1	117.1
167	13.7	11.1	16.7

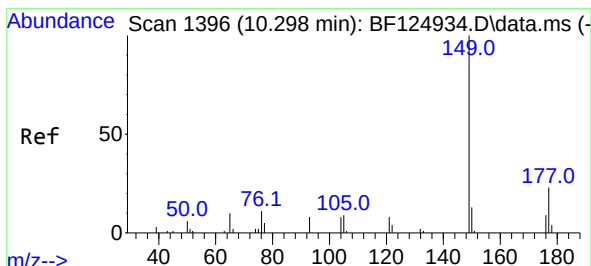
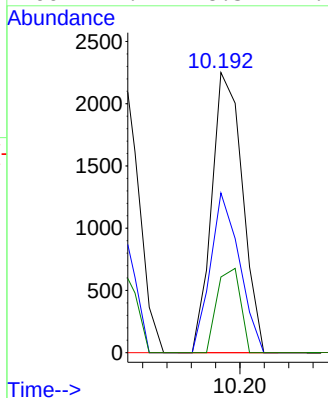
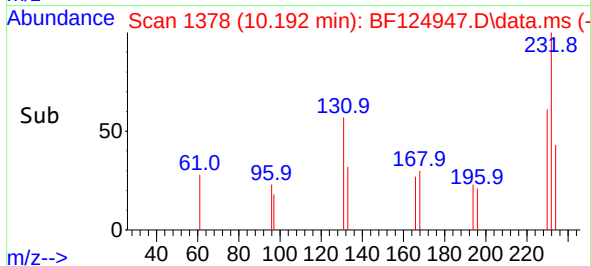




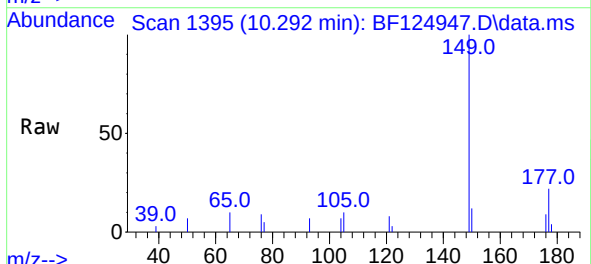
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.214 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



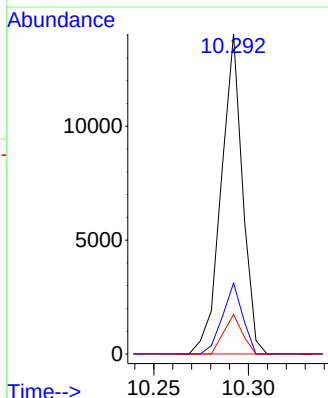
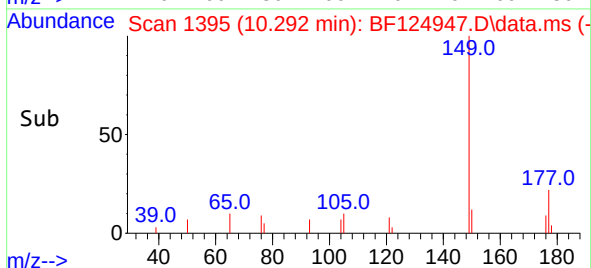
Tgt Ion: 232 Resp: 1980
Ion Ratio Lower Upper
232 100
131 53.8 45.4 68.0
130 0.0 0.0 0.0
166 22.9 28.5 42.7#



#60
Diethylphthalate
Concen: 10.675 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



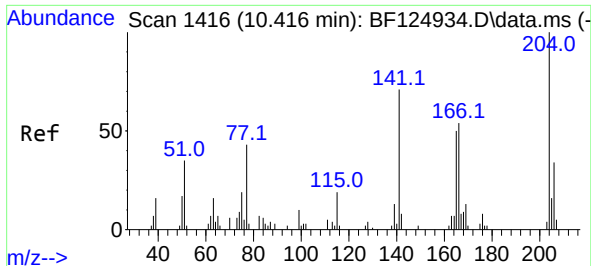
Tgt Ion: 149 Resp: 10993
Ion Ratio Lower Upper
149 100
177 22.2 16.5 24.7
150 12.4 10.1 15.1



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

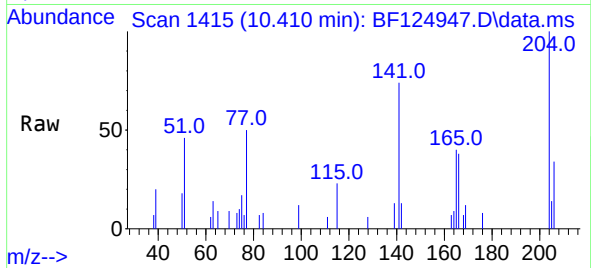
Manual Integrations
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#61
4-Chlorophenyl-phenylether
Concen: 11.145 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

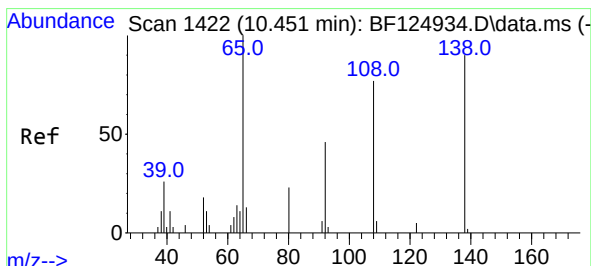
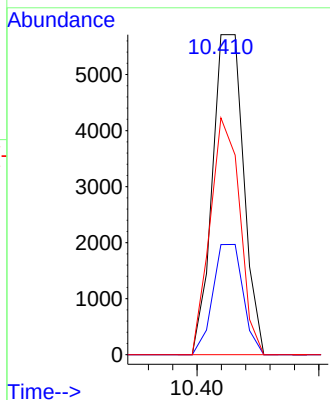
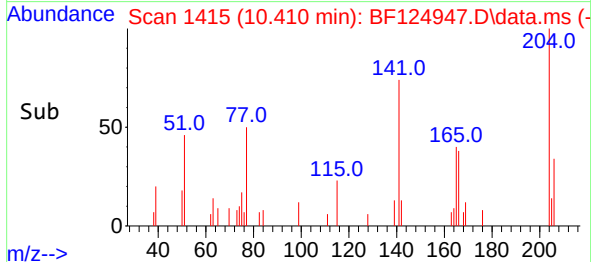
Instrument :
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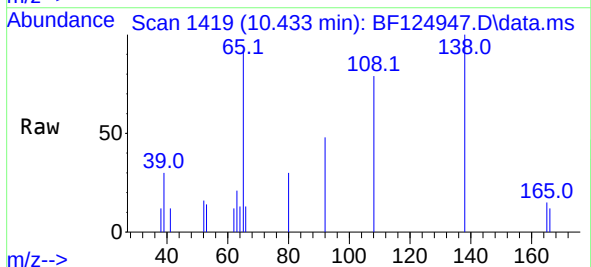
Tgt Ion:204 Resp: 5099
Ion Ratio Lower Upper
204 100
206 34.4 27.6 41.4
141 74.0 58.6 88.0

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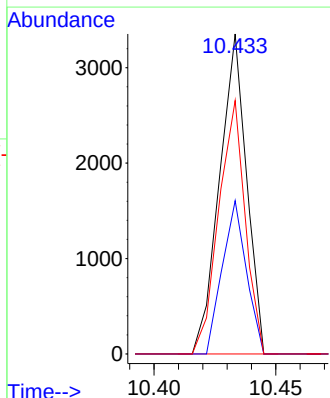
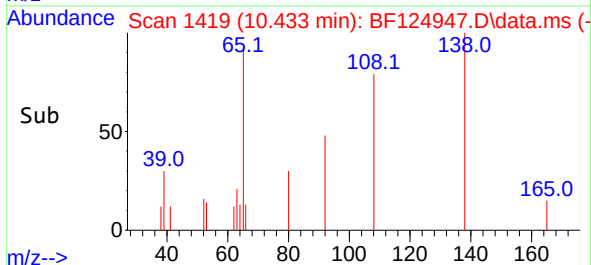
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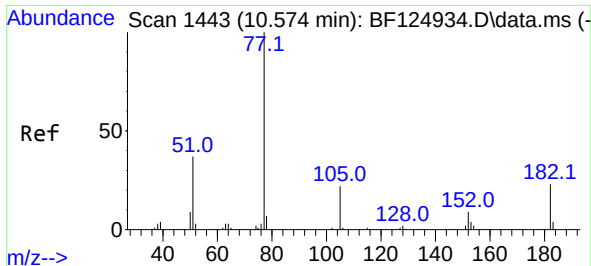


#62
4-Nitroaniline
Concen: 11.339 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

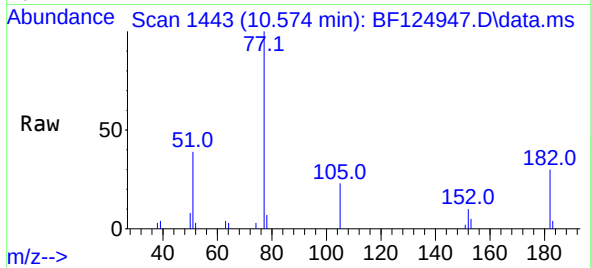


Tgt Ion:138 Resp: 2591
Ion Ratio Lower Upper
138 100
92 47.9 29.6 69.6
108 79.2 78.1 118.1

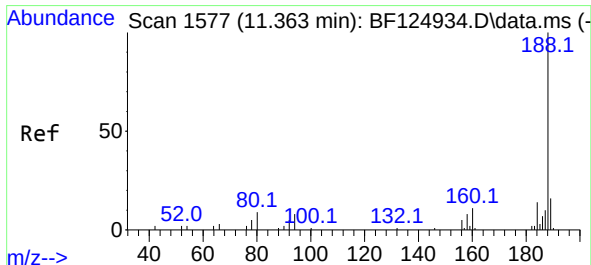
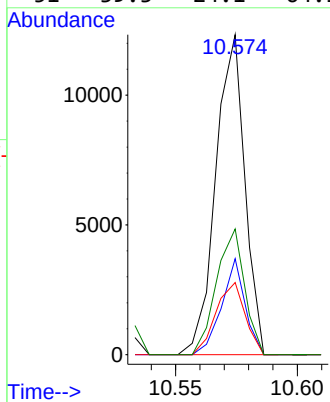
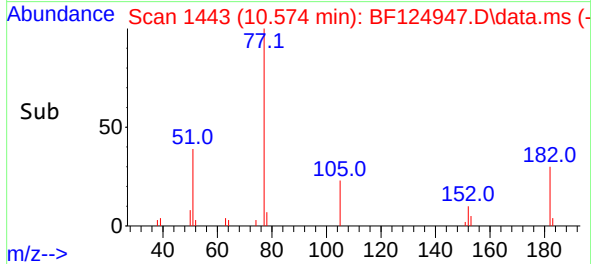




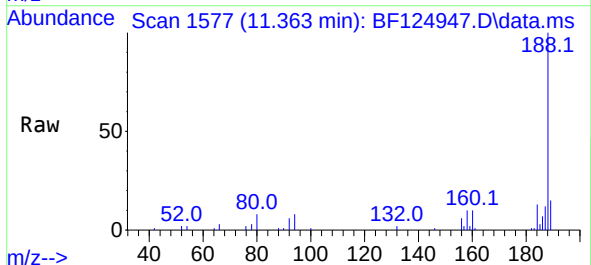
#63
Azobenzene
Concen: 10.154 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



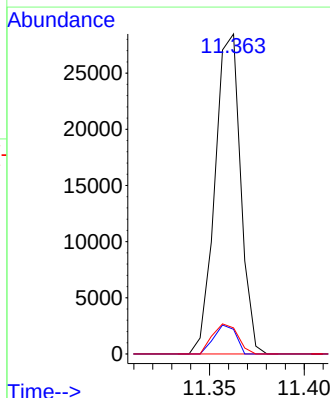
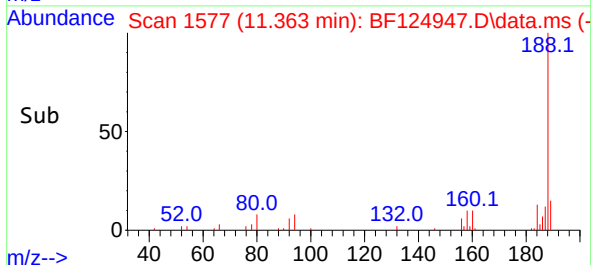
Tgt Ion: 77 Resp: 10225
Ion Ratio Lower Upper
77 100
182 30.0 6.3 46.3
105 22.6 2.9 42.9
51 39.3 24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



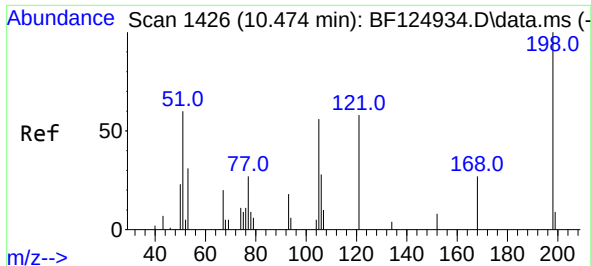
Tgt Ion: 188 Resp: 26797
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.1 7.5 11.3



Instrument :
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ClientSampleId :
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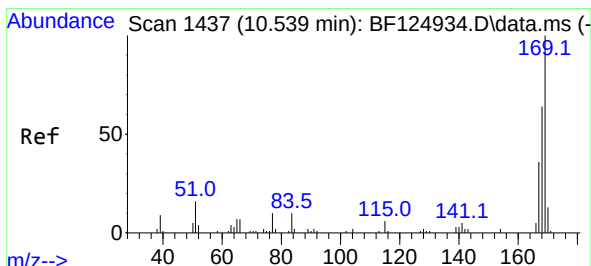
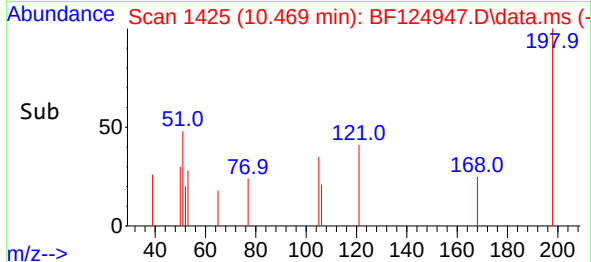
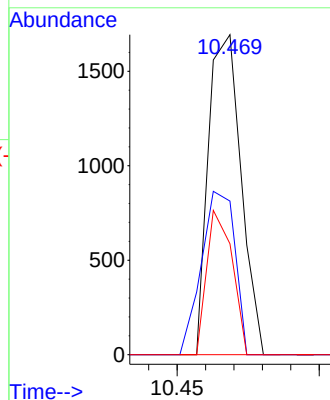
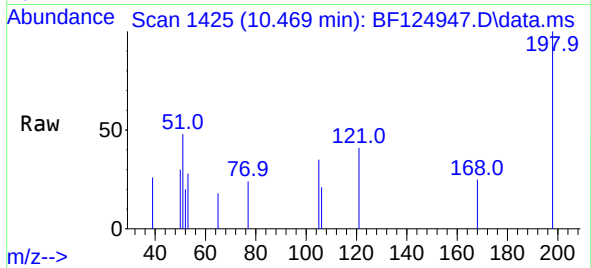
#65
4,6-Dinitro-2-methylphenol
Concen: 8.059 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.005 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:198 Resp: 1353
Ion Ratio Lower Upper
198 100
51 48.0 45.3 85.3
105 34.7 30.6 70.6

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

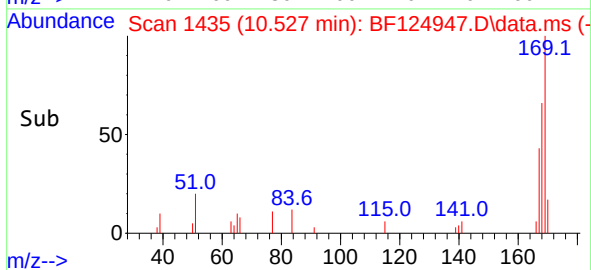
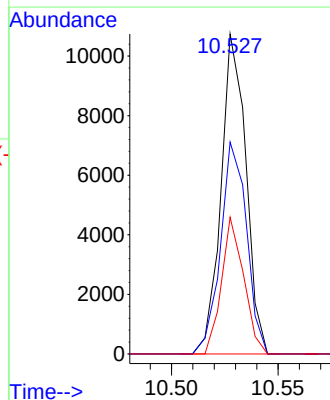
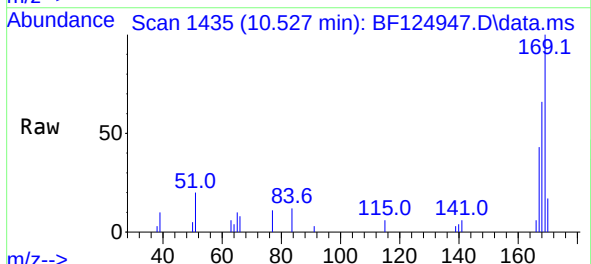
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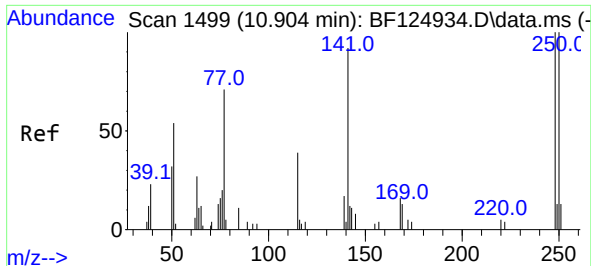
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#66
n-Nitrosodiphenylamine
Concen: 10.054 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

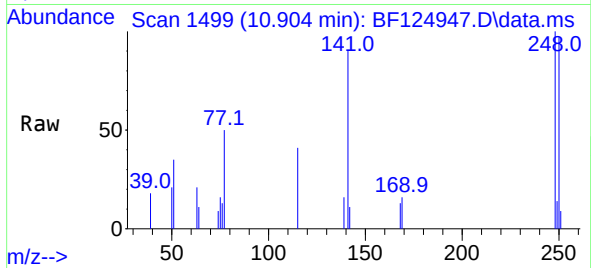
Tgt Ion:169 Resp: 8732
Ion Ratio Lower Upper
169 100
168 66.2 50.8 76.2
167 42.7 28.8 43.2



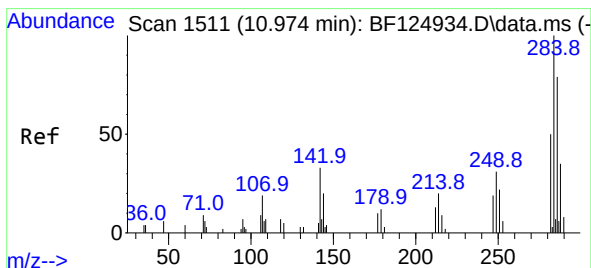
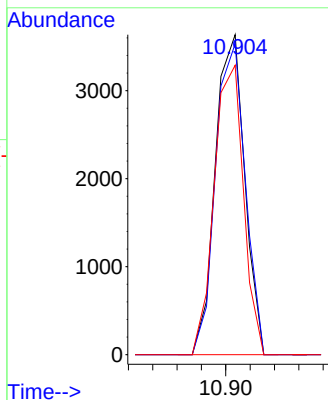
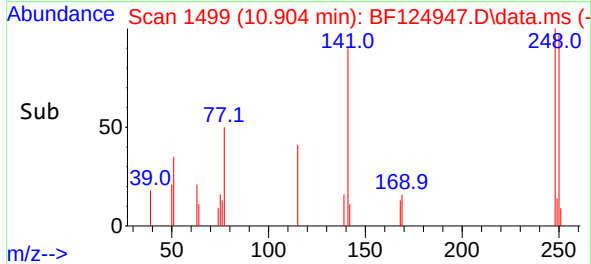


#67
4-Bromophenyl-phenylether
Concen: 10.378 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

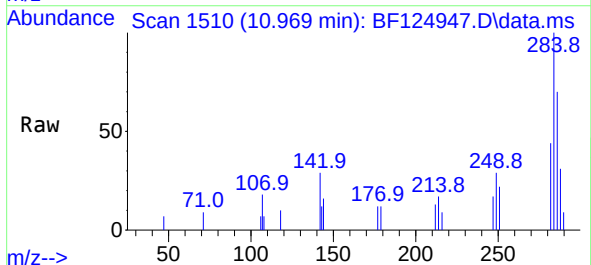
Instrument :
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ClientSampleId :
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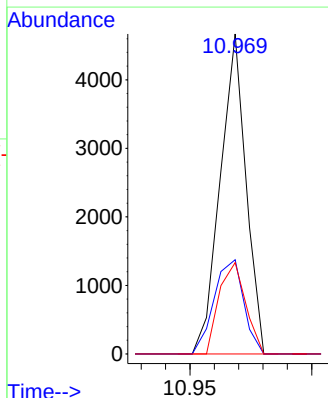
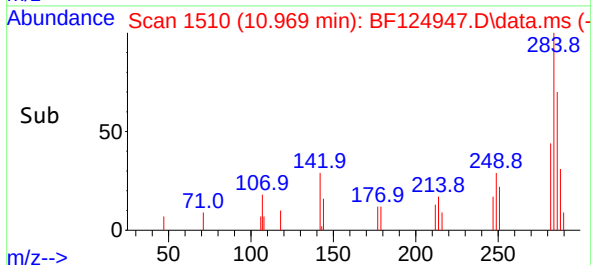
Tgt Ion:248 Resp: 3046
Ion Ratio Lower Upper
248 100
250 97.1 74.2 111.4
141 90.5 60.4 90.6

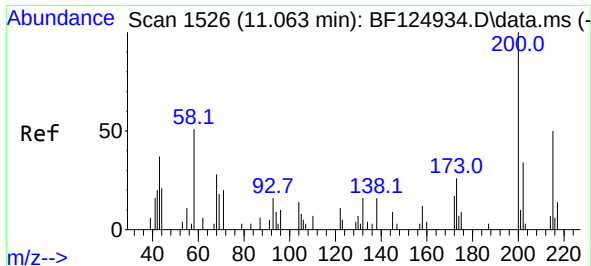


#68
Hexachlorobenzene
Concen: 10.736 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



Tgt Ion:284 Resp: 3428
Ion Ratio Lower Upper
284 100
142 29.5 36.4 54.6#
249 28.6 25.6 38.4





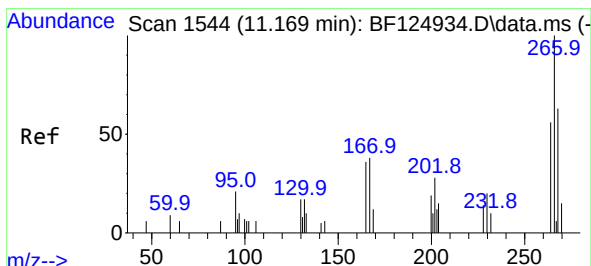
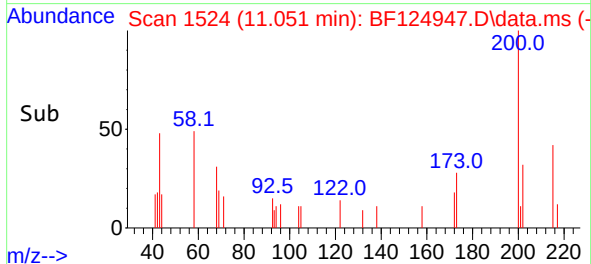
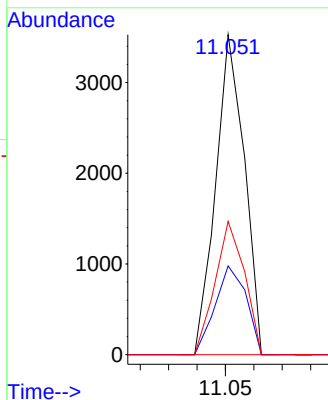
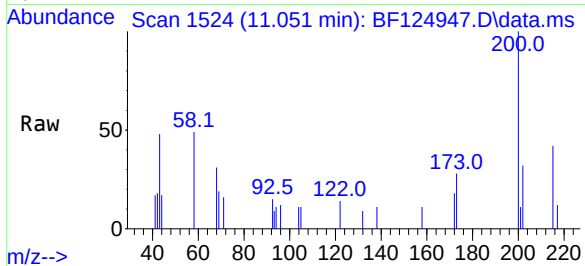
#69
Atrazine
Concen: 9.480 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion:200 Resp: 2474
Ion Ratio Lower Upper
200 100
173 27.7 11.1 51.1
215 41.6 22.7 62.7

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

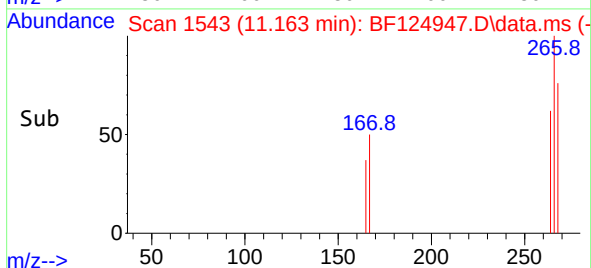
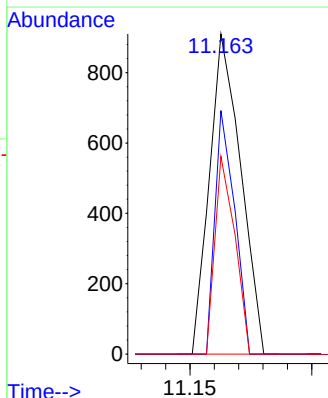
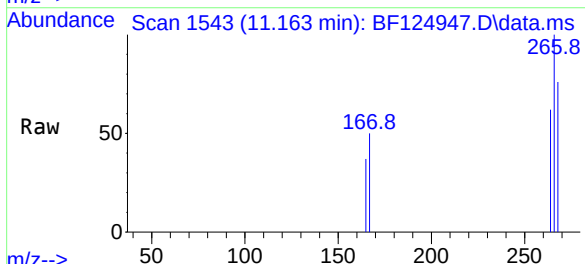
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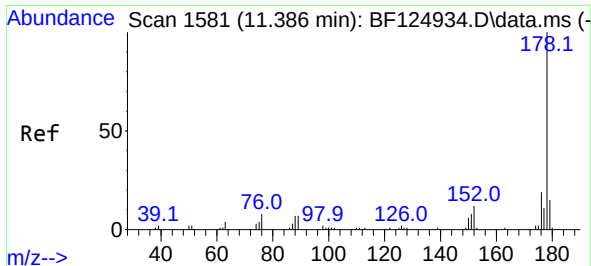
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#70
Pentachlorophenol
Concen: 8.730 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

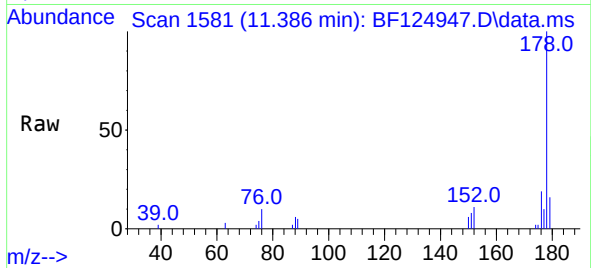
Tgt Ion:266 Resp: 812
Ion Ratio Lower Upper
266 100
268 76.0 48.9 73.3#
264 61.8 55.9 83.9





#71
Phenanthrene
Concen: 10.556 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

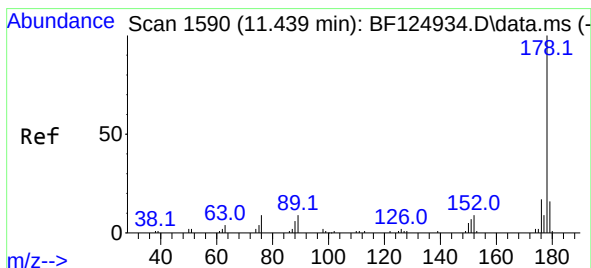
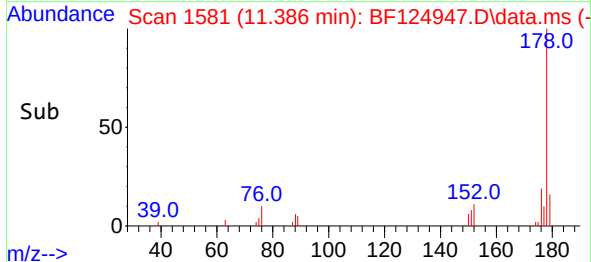
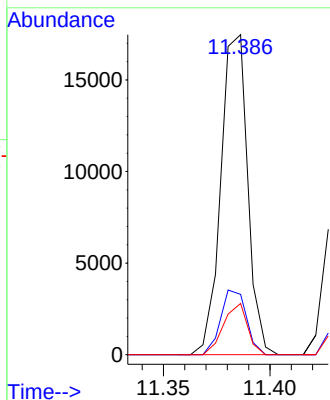
Instrument :
BNA_F
ClientSampleId :
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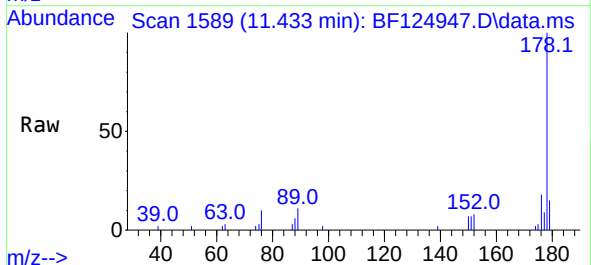
Tgt Ion:178 Resp: 15345
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 16.0 11.5 17.3

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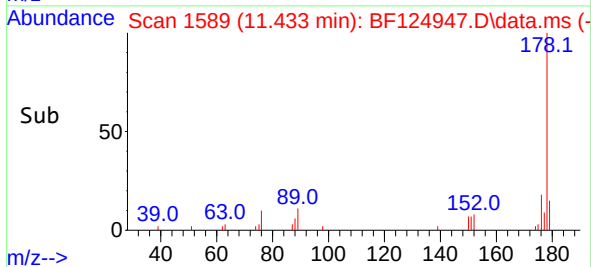
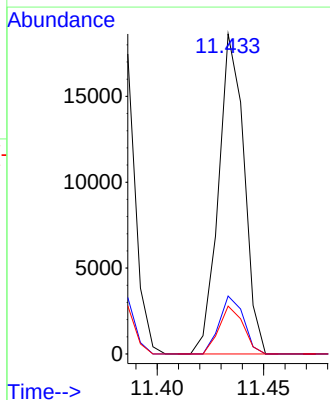
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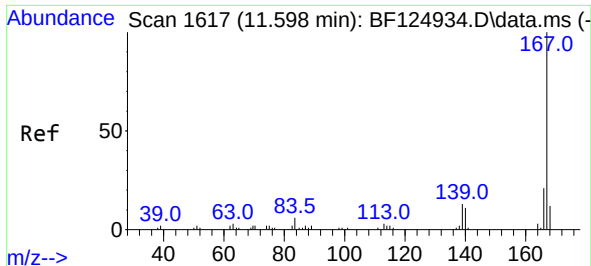


#72
Anthracene
Concen: 10.663 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



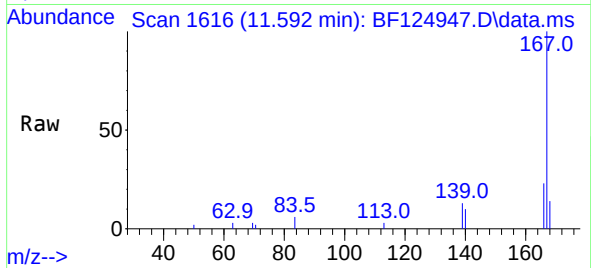
Tgt Ion:178 Resp: 15549
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 9.851 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF124947.D
 Acq: 5 Aug 2021 16:54

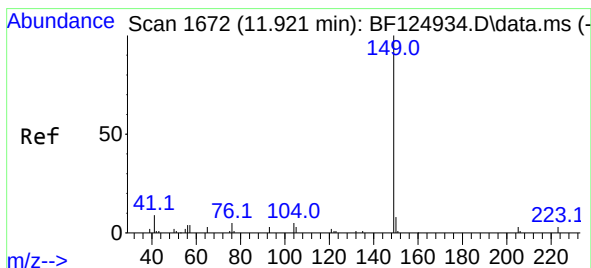
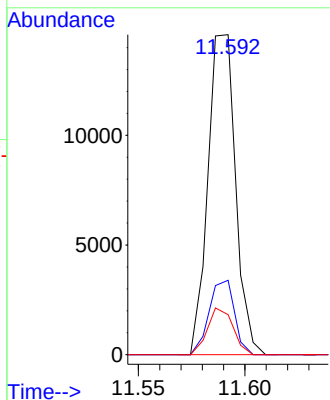
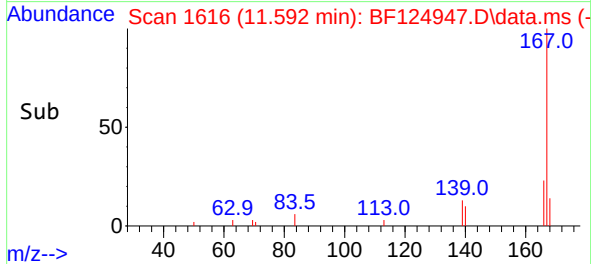
Instrument :
 BNA_F
 ClientSampleId :
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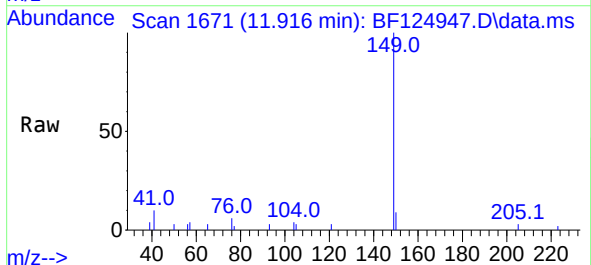
Tgt Ion:167 Resp: 13174
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.0
 139 12.5 11.0 16.4

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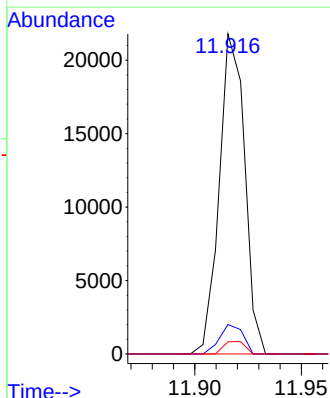
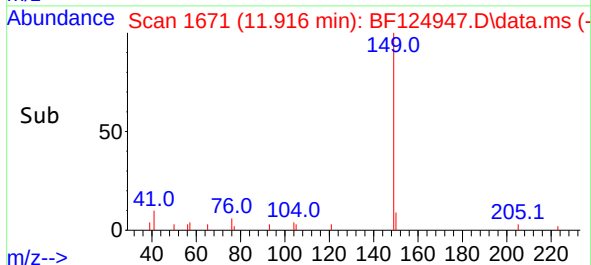
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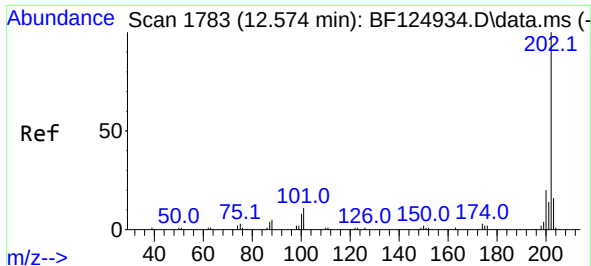


#74
 Di-n-butylphthalate
 Concen: 10.604 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BF124947.D
 Acq: 5 Aug 2021 16:54



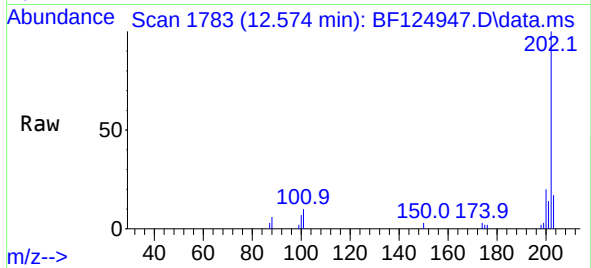
Tgt Ion:149 Resp: 18023
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 3.8 4.1 6.1#





#75
Fluoranthene
Concen: 10.227 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

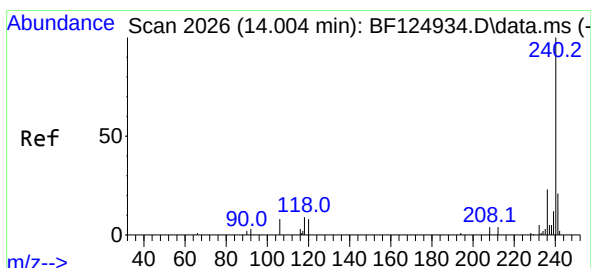
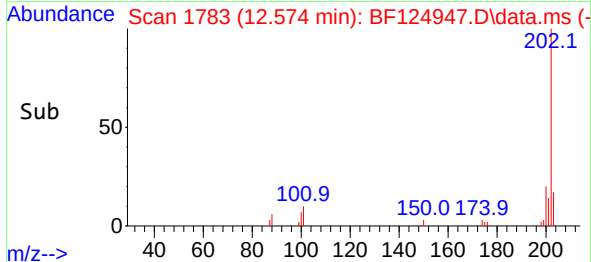
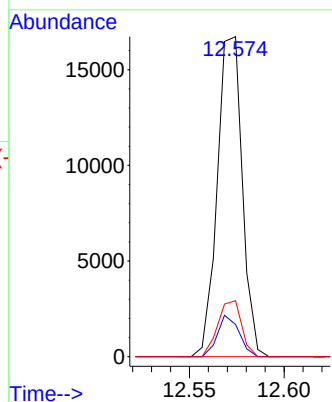
Instrument :
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ClientSampleId :
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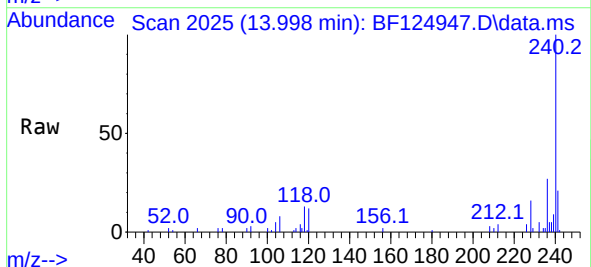
Tgt Ion:202 Resp: 15379
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 17.5 0.0 36.3

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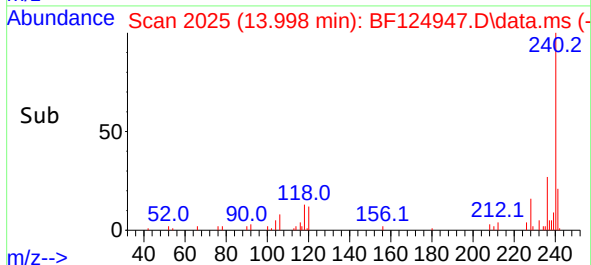
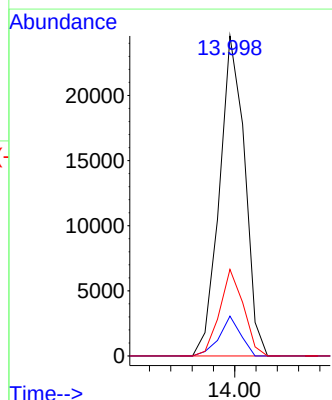
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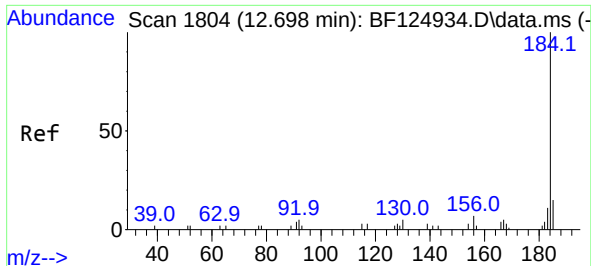


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



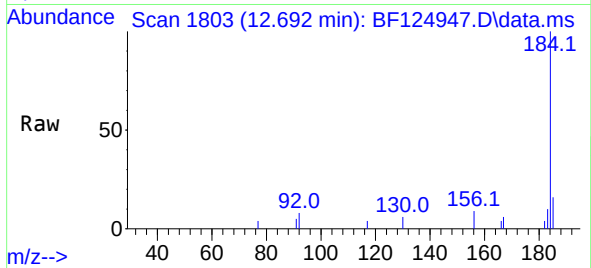
Tgt Ion:240 Resp: 20191
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 27.1 21.6 32.4





#77
Benzidine
Concen: 12.535 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

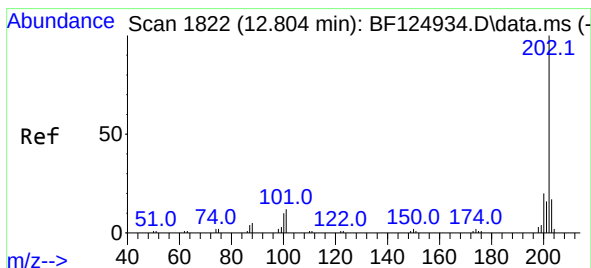
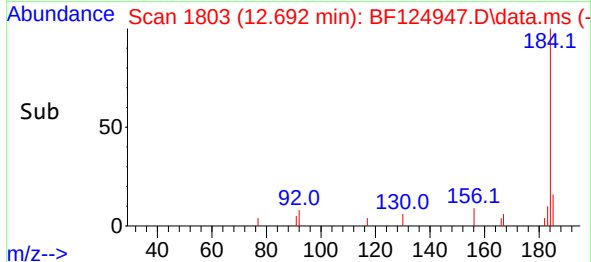
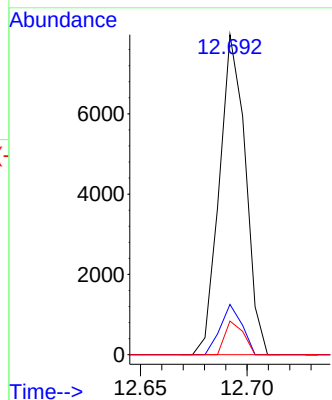
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:184 Resp: 6772
Ion Ratio Lower Upper
184 100
185 15.7 10.8 16.2
183 10.5 8.1 12.1

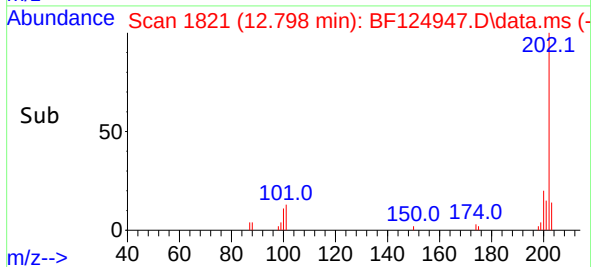
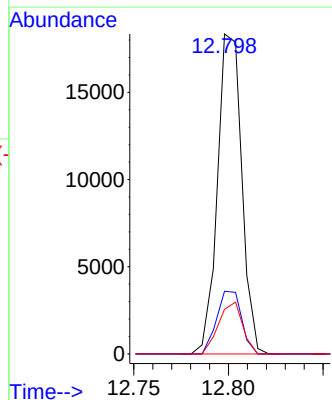
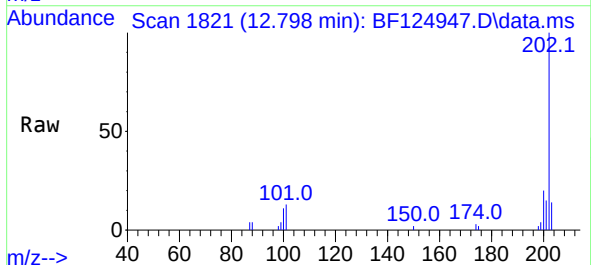
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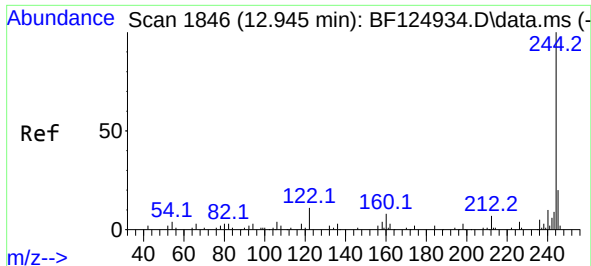
mohammad
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#78
Pyrene
Concen: 10.310 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

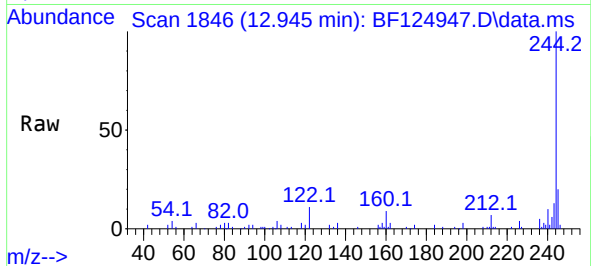
Tgt Ion:202 Resp: 16397
Ion Ratio Lower Upper
202 100
200 19.6 15.3 22.9
203 14.0 13.4 20.0





#79
 Terphenyl-d14
 Concen: 50.662 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF124947.D
 Acq: 5 Aug 2021 16:54

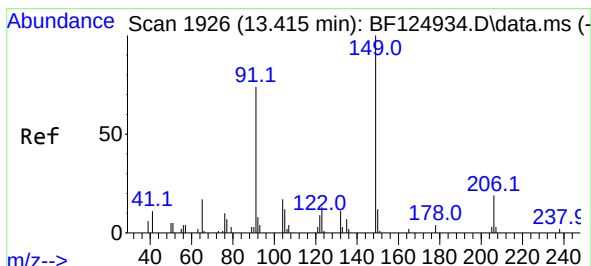
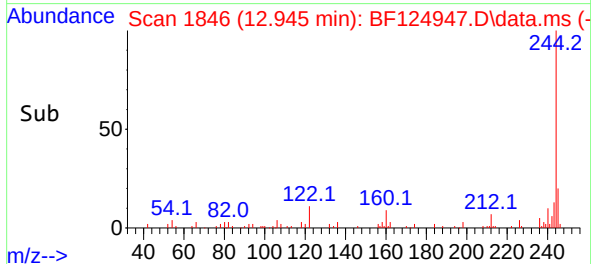
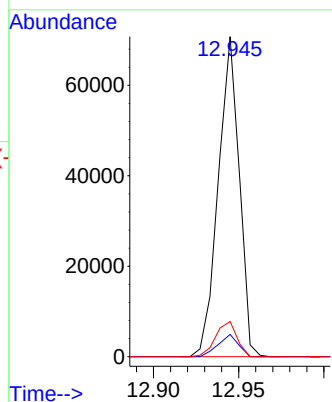
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 60642
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.0 9.0 13.4

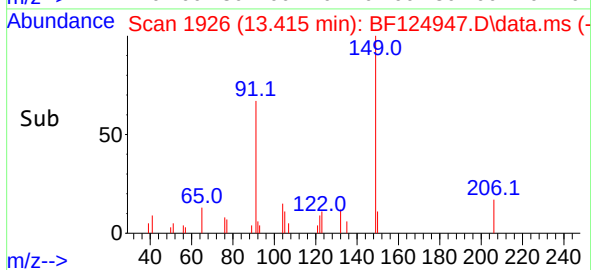
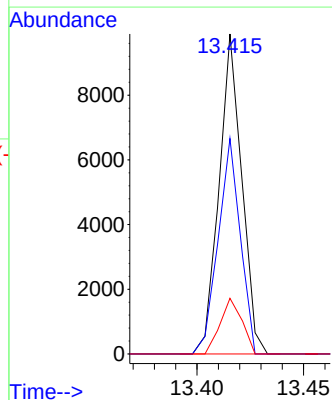
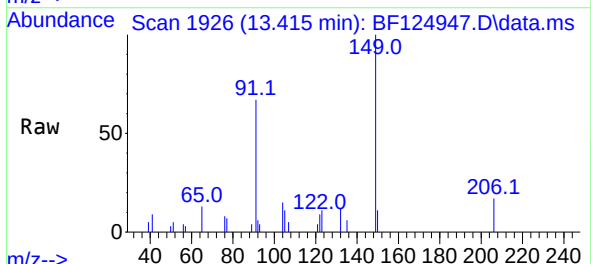
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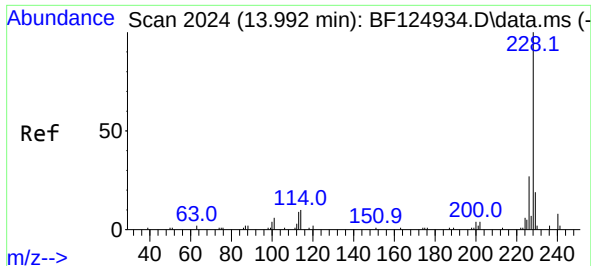
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#80
 Butylbenzylphthalate
 Concen: 10.361 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF124947.D
 Acq: 5 Aug 2021 16:54

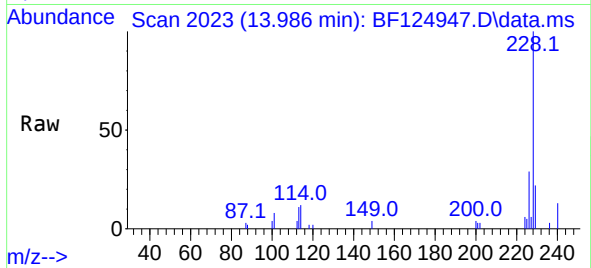
Tgt Ion:149 Resp: 7333
 Ion Ratio Lower Upper
 149 100
 91 67.4 51.8 77.8
 206 17.4 14.5 21.7





#81
Benzo(a)anthracene
Concen: 10.357 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

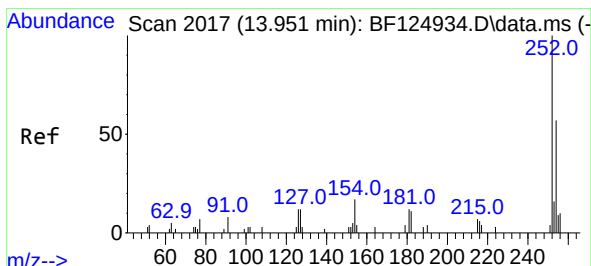
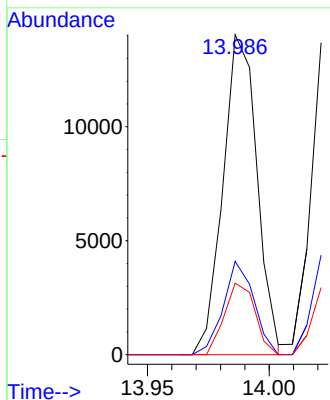
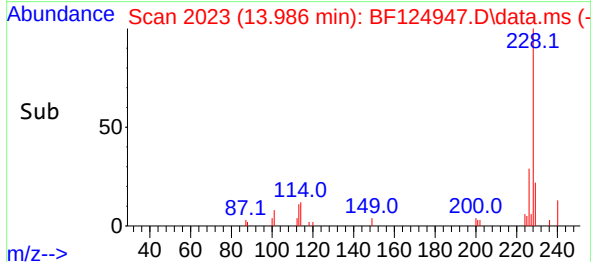
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021



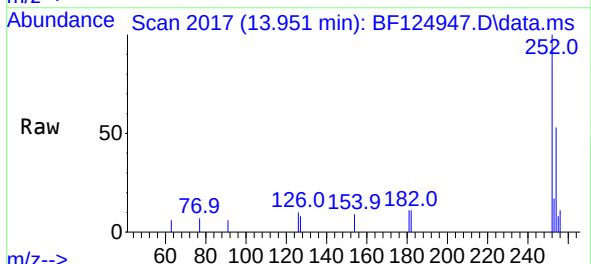
Tgt Ion:228 Resp: 13628
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 22.4 15.6 23.4

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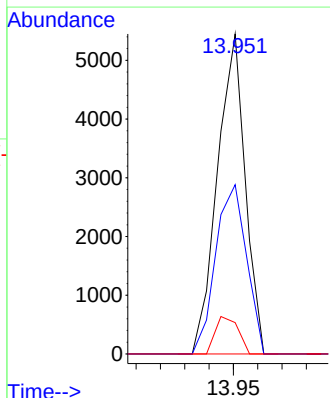
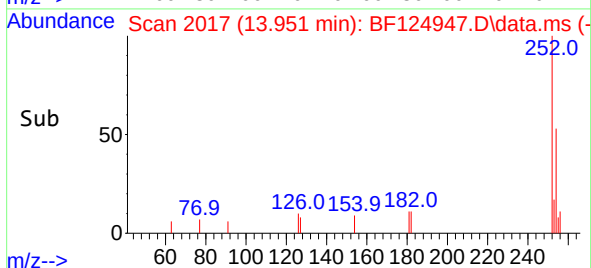
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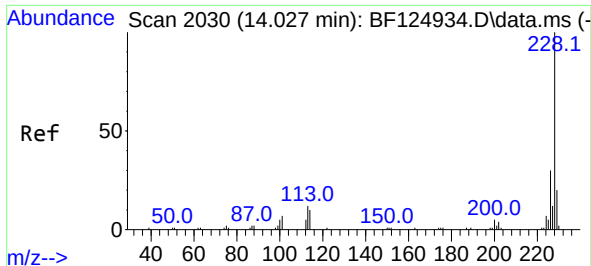


#82
3,3'-Dichlorobenzidine
Concen: 12.459 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

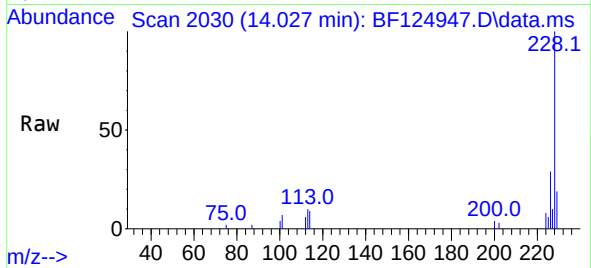


Tgt Ion:252 Resp: 4322
Ion Ratio Lower Upper
252 100
254 52.9 51.4 77.0
126 9.8 9.5 14.3

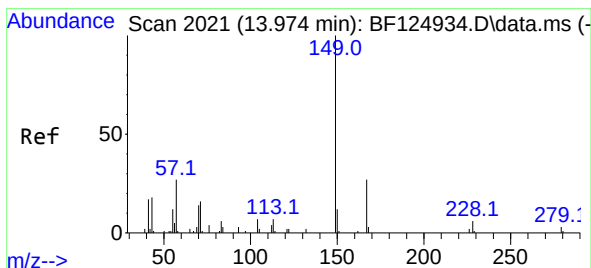
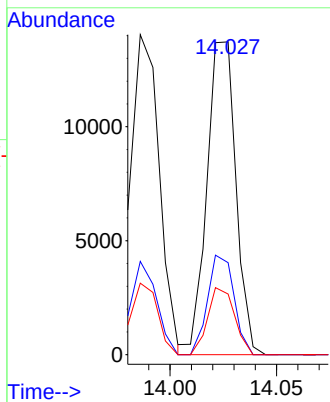
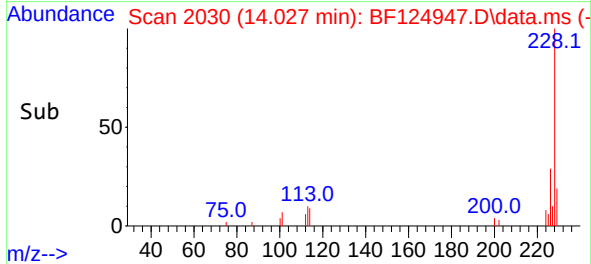




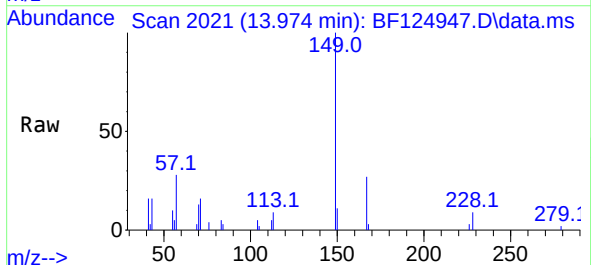
#83
Chrysene
Concen: 10.237 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



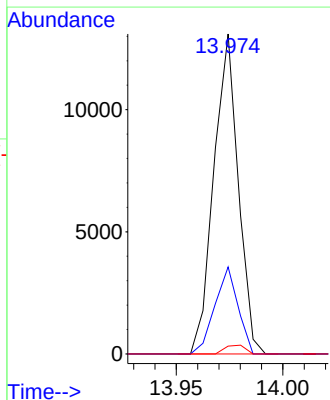
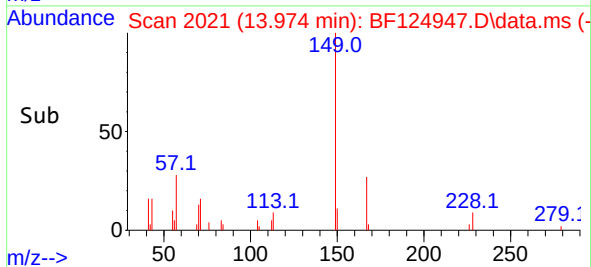
Tgt Ion:228 Resp: 13021
Ion Ratio Lower Upper
228 100
226 29.4 22.6 34.0
229 19.4 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.635 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



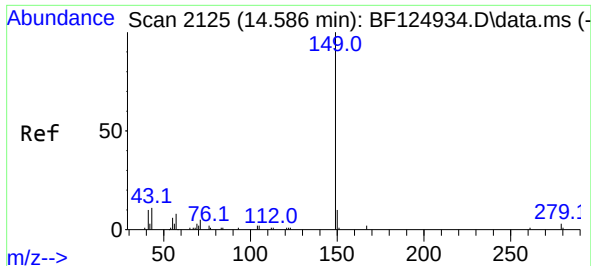
Tgt Ion:149 Resp: 10442
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 2.5 2.6 4.0#



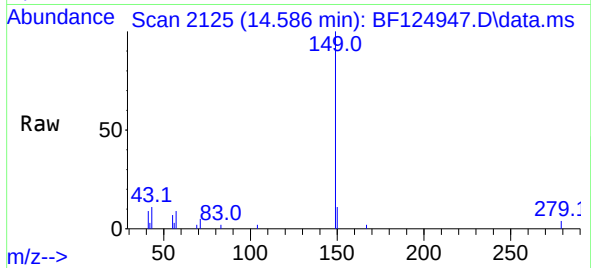
Instrument :
BNA_F
ClientSampleId :
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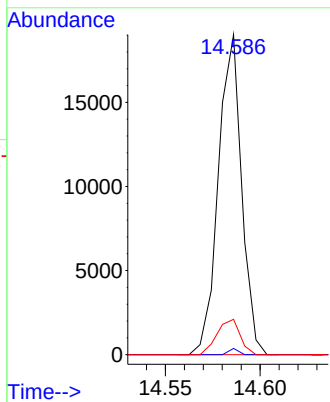
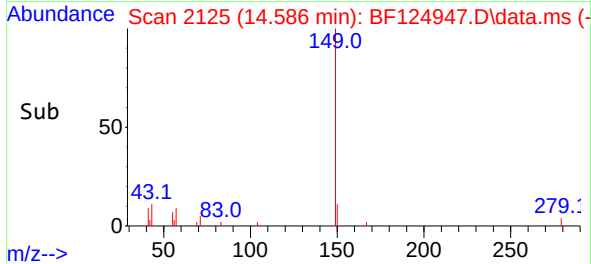
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#85
Di-n-octyl phthalate
Concen: 10.481 ng
RT: 14.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



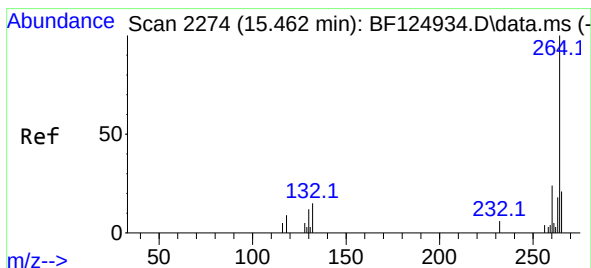
Tgt Ion:149 Resp: 16235
Ion Ratio Lower Upper
149 100
167 0.8 1.0 1.6#
43 11.0 9.9 14.9



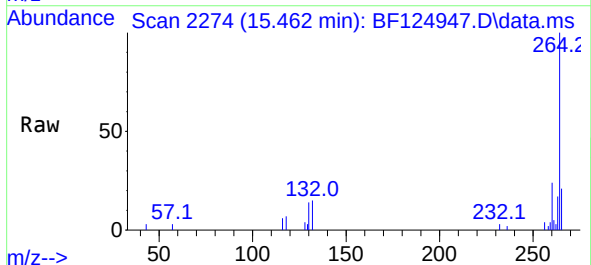
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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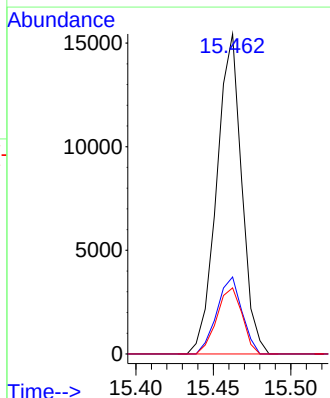
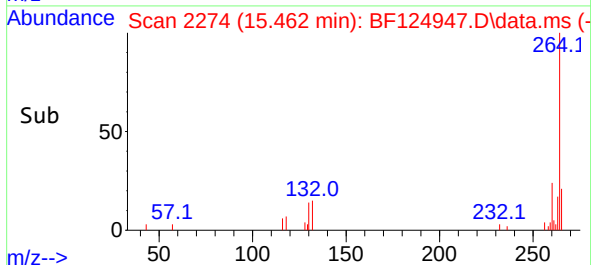
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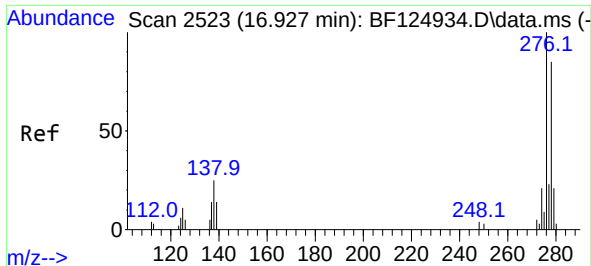


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

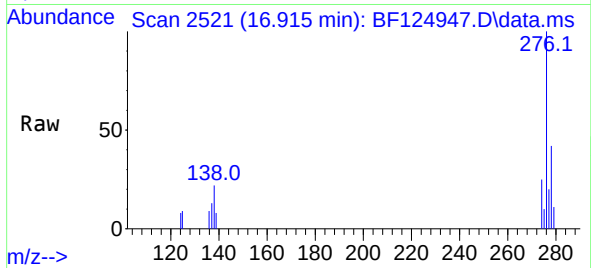


Tgt Ion:264 Resp: 17286
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.6 17.2 25.8

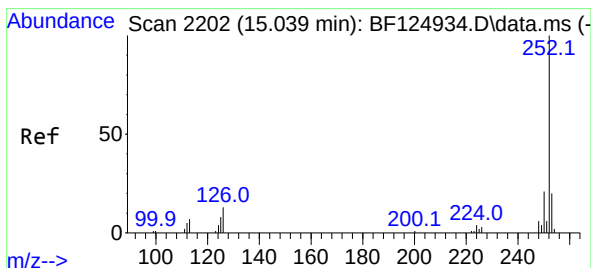
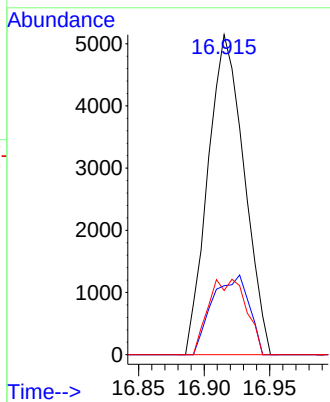
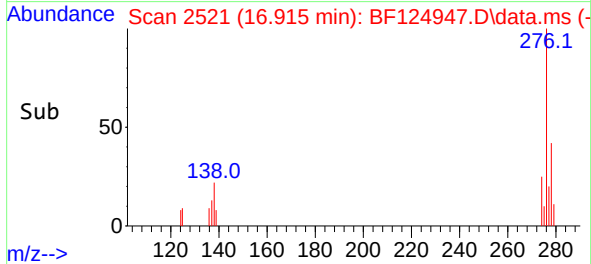




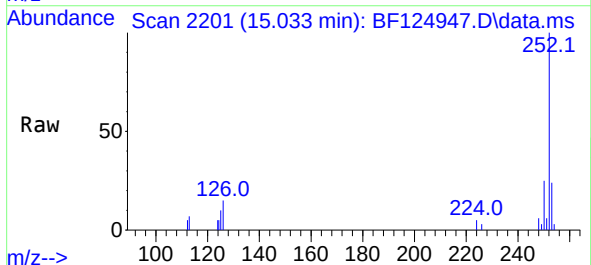
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.588 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



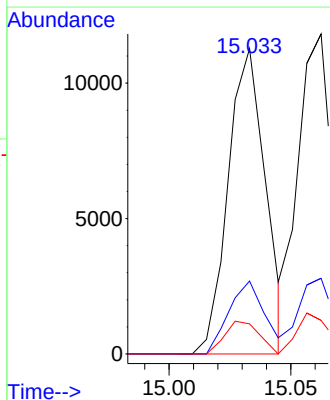
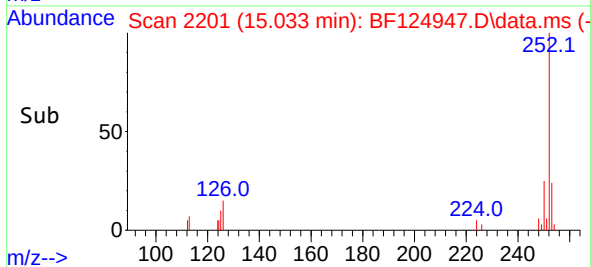
Tgt Ion: 276 Resp: 9870
Ion Ratio Lower Upper
276 100
138 25.2 24.1 36.1
277 24.8 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 9.929 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54



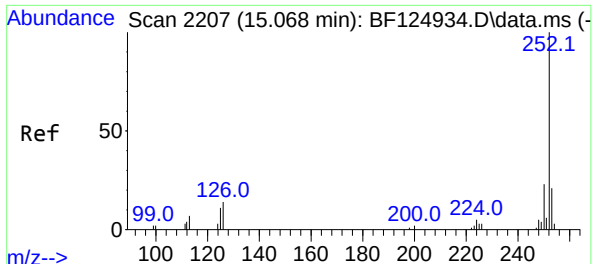
Tgt Ion: 252 Resp: 12051
Ion Ratio Lower Upper
252 100
253 23.9 16.8 25.2
125 9.9 9.8 14.8



Instrument :
BNA_F
ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 10.723 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:252	Resp:	11839
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.8 26.8
125	10.5	7.2 10.8

Instrument :

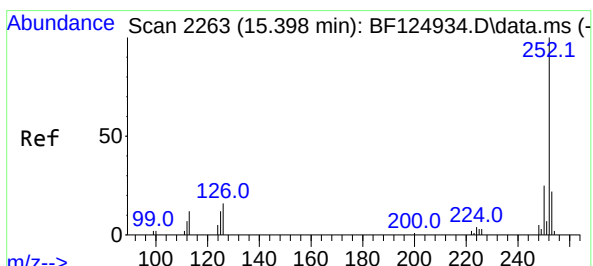
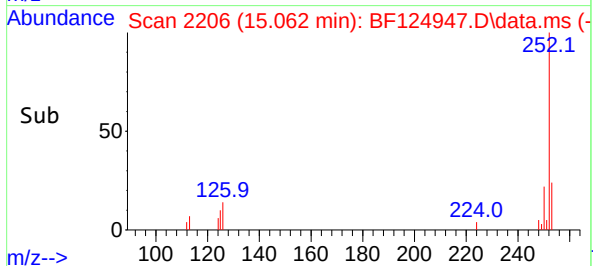
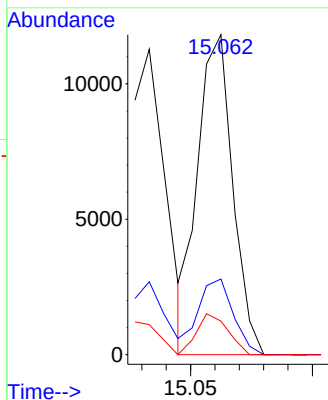
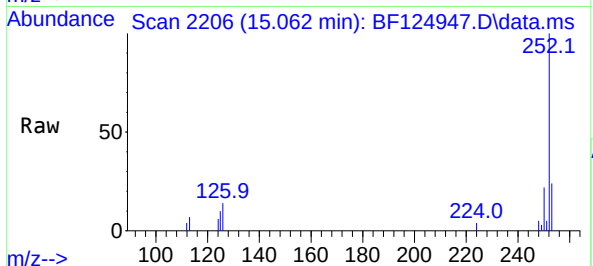
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 11.093 ng

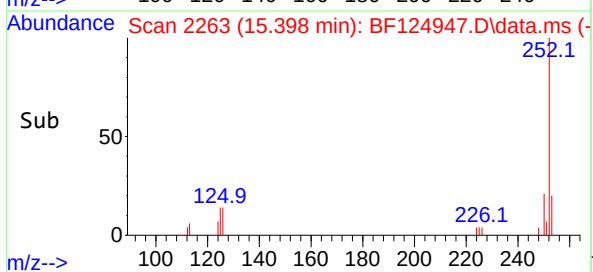
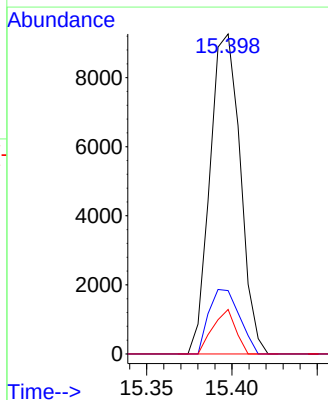
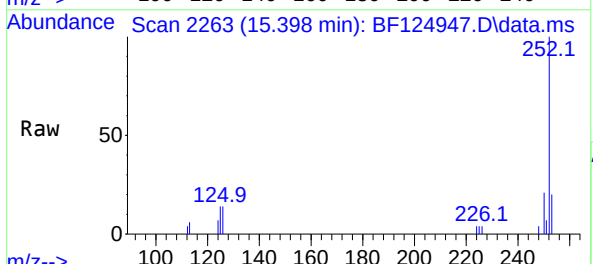
RT: 15.398 min Scan# 2263

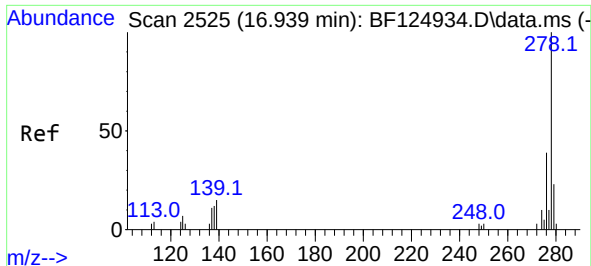
Delta R.T. 0.000 min

Lab File: BF124947.D

Acq: 5 Aug 2021 16:54

Tgt Ion:252	Resp:	11465
Ion Ratio	Lower	Upper
252	100	
253	19.8	18.4 27.6
125	13.9	9.9 14.9





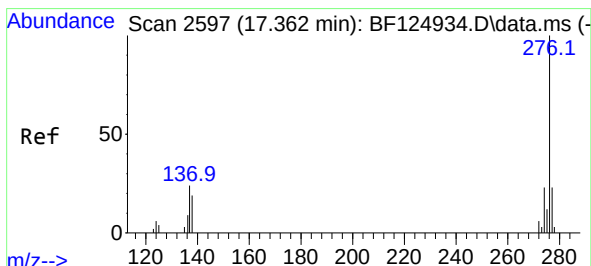
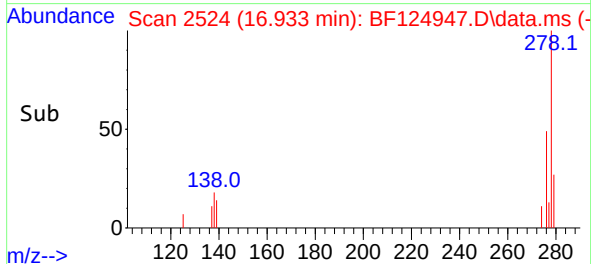
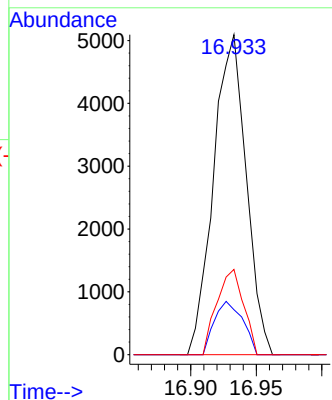
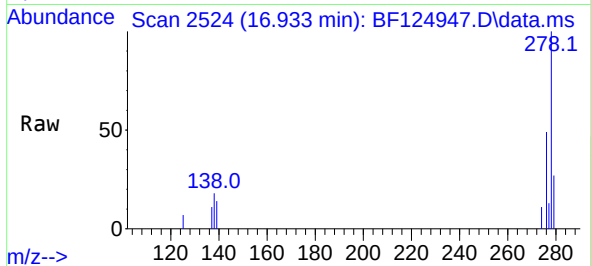
#91
Dibenzo(a,h)anthracene
Concen: 9.747 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BF124947.D
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Tgt Ion: 278 Resp: 8822
Ion Ratio Lower Upper
278 100
139 14.0 14.9 22.3#
279 26.6 19.7 29.5

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

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#92
Benzo(g,h,i)perylene
Concen: 9.745 ng
RT: 17.356 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BF124947.D
Acq: 5 Aug 2021 16:54

Tgt Ion: 276 Resp: 8460
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 23.2 22.2 33.4

