

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
 Data File : BF123754.D
 Acq On : 28 Apr 2021 10:25
 Operator : JU/CG
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Quant Time: Apr 28 11:20:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 28 11:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	207297	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	751410	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	375438	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	733714	20.00	ng	0.00
76) Chrysene-d12	13.974	240	619849	20.00	ng	-0.01
86) Perylene-d12	15.433	264	507732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1610051	123.05	ng	0.00
7) Phenol-d6	6.445	99	2191030	121.56	ng	0.00
23) Nitrobenzene-d5	7.369	82	1238359	74.40	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	607423	129.96	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1882666	73.03	ng	0.00
79) Terphenyl-d14	12.927	244	2245041	69.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	30728	4.36	ng	97
3) Pyridine	3.316	79	62656m	3.64	ng	
4) n-Nitrosodimethylamine	3.187	42	40934	4.31	ng	# 88
6) Aniline	6.469	93	114261	5.48	ng	98
8) 2-Chlorophenol	6.593	128	69847	4.96	ng	97
9) Benzaldehyde	6.357	77	67354	7.72	ng	98
10) Phenol	6.457	94	94246	4.87	ng	97
11) bis(2-Chloroethyl)ether	6.540	93	71209	5.04	ng	99
12) 1,3-Dichlorobenzene	6.745	146	70700	4.97	ng	97
13) 1,4-Dichlorobenzene	6.828	146	71999	5.00	ng	94
14) 1,2-Dichlorobenzene	6.981	146	66274	4.74	ng	96
15) Benzyl Alcohol	6.945	79	78876	5.58	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.087	45	152884	5.08	ng	99
17) 2-Methylphenol	7.057	107	58561	4.88	ng	98
18) Hexachloroethane	7.322	117	27401	4.81	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	55149	4.96	ng	97
20) 3+4-Methylphenols	7.216	107	73887	4.84	ng	# 80
22) Acetophenone	7.210	105	108561	5.32	ng	# 96
24) Nitrobenzene	7.387	77	87039	5.02	ng	96
25) Isophorone	7.622	82	142400	4.56	ng	96
26) 2-Nitrophenol	7.704	139	32444	4.59	ng	95
27) 2,4-Dimethylphenol	7.745	122	59699	5.37	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	86925	5.47	ng	98
29) 2,4-Dichlorophenol	7.951	162	51536	4.70	ng	89
30) 1,2,4-Trichlorobenzene	8.034	180	56952	4.96	ng	95
31) Naphthalene	8.110	128	202980	5.25	ng	98
32) Benzoic acid	7.822	122	9226	1.32	ng	# 79
33) 4-Chloroaniline	8.163	127	81821	5.07	ng	94
34) Hexachlorobutadiene	8.234	225	33862	4.84	ng	97
35) Caprolactam	8.487	113	16076	4.18	ng	# 89
36) 4-Chloro-3-methylphenol	8.639	107	63309	4.63	ng	100
37) 2-Methylnaphthalene	8.804	142	130774	5.19	ng	98
38) 1-Methylnaphthalene	8.904	142	119687	5.05	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	57755	5.23	ng	98
41) Hexachlorocyclopentadiene	8.963	237	12612	2.88	ng	88
43) 2,4,6-Trichlorophenol	9.081	196	33886	4.45	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	35793	4.38	ng	94
46) 1,1'-Biphenyl	9.269	154	165498	5.38	ng	99
47) 2-Chloronaphthalene	9.292	162	117388	5.06	ng	99
48) 2-Nitroaniline	9.386	65	46626	4.56	ng	95
49) Acenaphthylene	9.704	152	189395	5.06	ng	97
50) Dimethylphthalate	9.563	163	132938	5.03	ng	98
51) 2,6-Dinitrotoluene	9.622	165	27875	4.56	ng	96
52) Acenaphthene	9.881	154	114977	5.04	ng	98
53) 3-Nitroaniline	9.792	138	32478	4.45	ng	99
54) 2,4-Dinitrophenol	9.904	184	4852	1.49	ng	# 86
55) Dibenzofuran	10.051	168	176880	5.13	ng	95
56) 4-Nitrophenol	9.963	139	19340	3.64	ng	89
57) 2,4-Dinitrotoluene	10.028	165	37126	4.45	ng	90
58) Fluorene	10.392	166	139073	5.25	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	29265	4.53	ng	94
60) Diethylphthalate	10.263	149	144359	5.13	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	64294	5.20	ng	97
62) 4-Nitroaniline	10.398	138	34662	4.79	ng	95
63) Azobenzene	10.545	77	159204	4.92	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	12706	2.79	ng	# 87
66) n-Nitrosodiphenylamine	10.504	169	117138	4.88	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	38366	4.97	ng	90
68) Hexachlorobenzene	10.945	284	44376	5.05	ng	# 91
69) Atrazine	11.028	200	36384	5.01	ng	93
70) Pentachlorophenol	11.139	266	12285	2.74	ng	97
71) Phenanthrene	11.357	178	200968	5.22	ng	97
72) Anthracene	11.404	178	199410	5.21	ng	98
73) Carbazole	11.563	167	187674	4.85	ng	98
74) Di-n-butylphthalate	11.898	149	219121	5.05	ng	# 97
75) Fluoranthene	12.545	202	206913	4.93	ng	97
77) Benzidine	12.669	184	115927	7.22	ng	99
78) Pyrene	12.774	202	223196	4.64	ng	97
80) Butylbenzylphthalate	13.398	149	85925	4.18	ng	97
81) Benzo(a)anthracene	13.963	228	182329	4.85	ng	97
82) 3,3'-Dichlorobenzidine	13.927	252	63798	5.53	ng	98
83) Chrysene	13.998	228	182337	4.83	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	116572	4.57	ng	# 98
85) Di-n-octyl phthalate	14.574	149	179298	4.39	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	126064	4.26	ng	97
88) Benzo(b)fluoranthene	15.004	252	158804	4.64	ng	# 97
89) Benzo(k)fluoranthene	15.033	252	145737	4.46	ng	98
90) Benzo(a)pyrene	15.368	252	139912	4.78	ng	95
91) Dibenzo(a,h)anthracene	16.886	278	106160	4.25	ng	# 96
92) Benzo(g,h,i)perylene	17.298	276	101571	4.06	ng	98

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

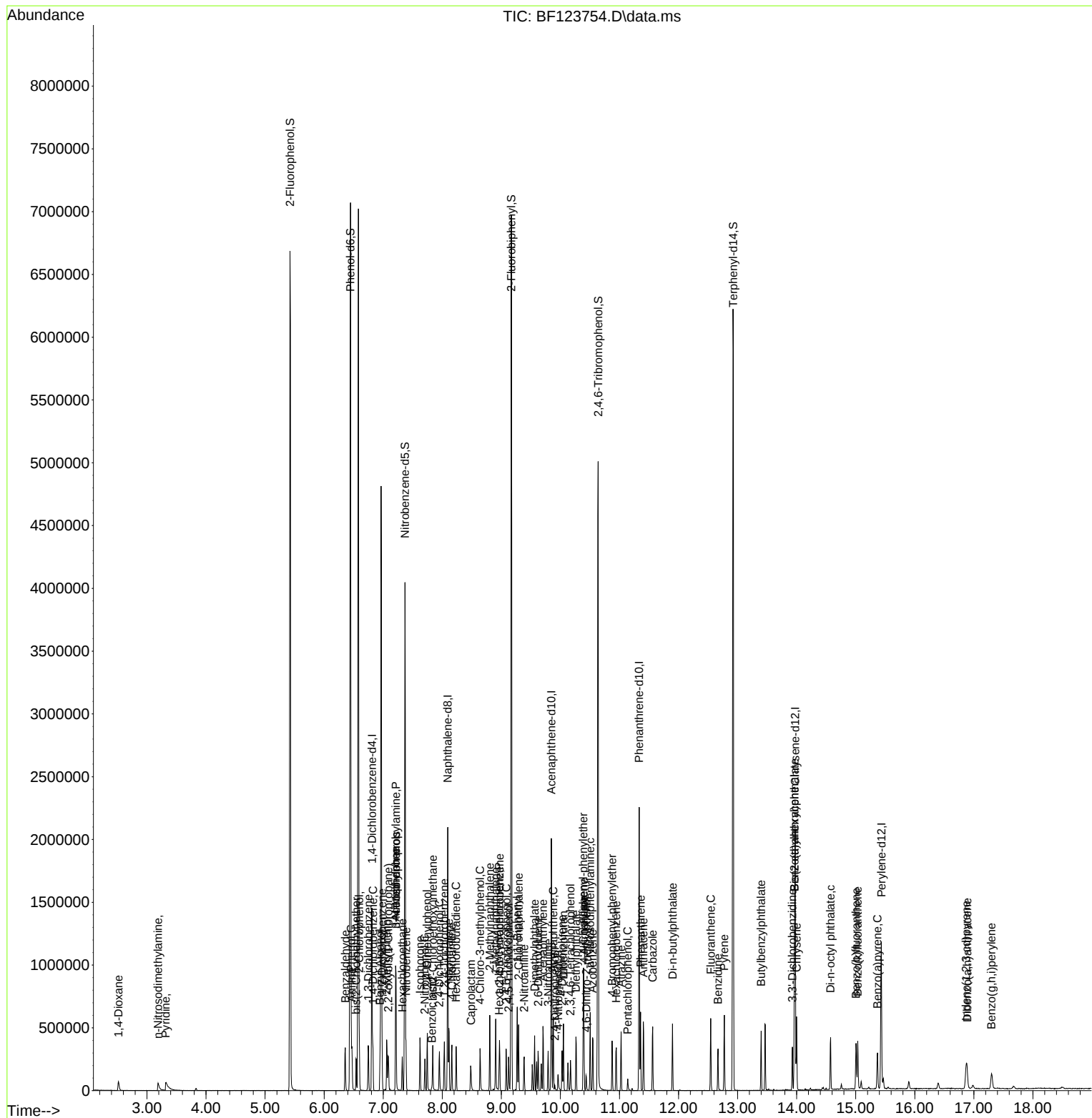
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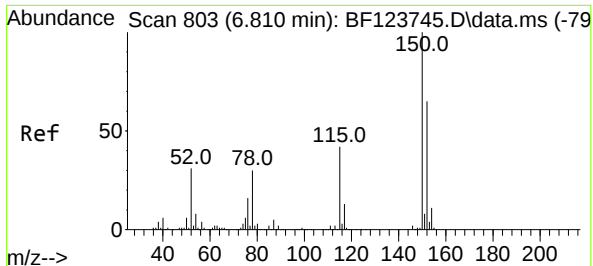
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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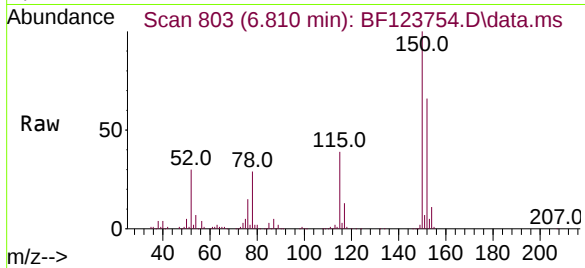
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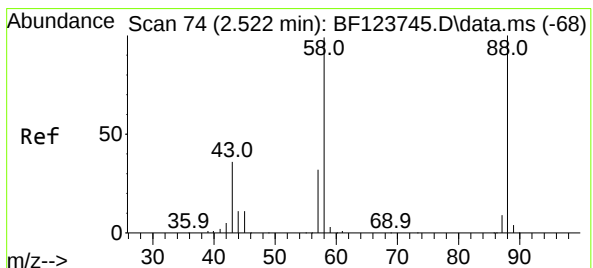
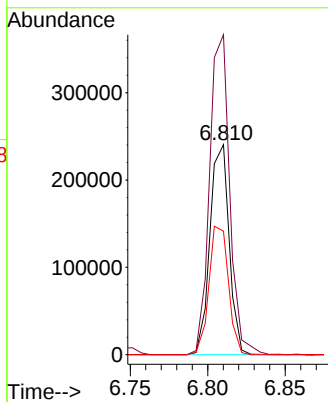
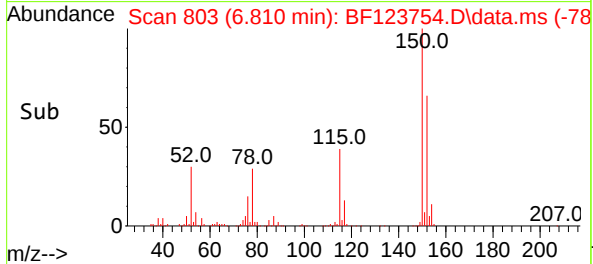




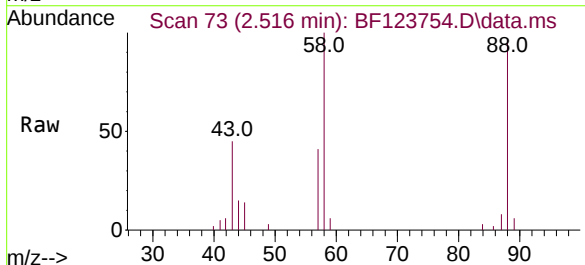
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123754.D
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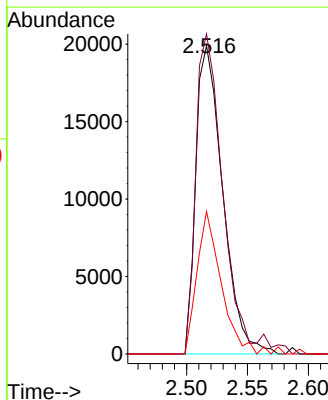
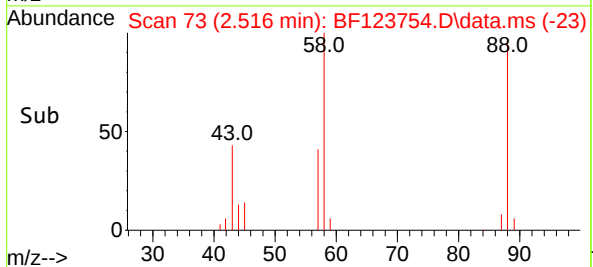
Tgt Ion: 152 Resp: 207297
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 58.8 54.3 81.5



#2
1,4-Dioxane
Concen: 4.36 ng
RT: 2.516 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



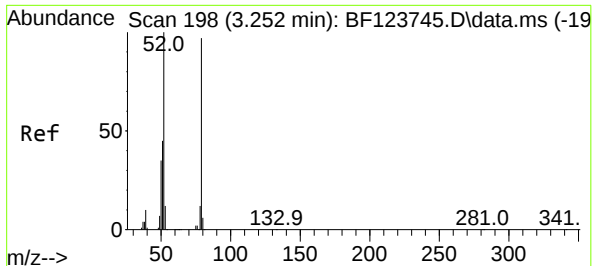
Tgt Ion: 88 Resp: 30728
Ion Ratio Lower Upper
88 100
58 101.5 83.8 125.8
43 42.0 32.2 48.4



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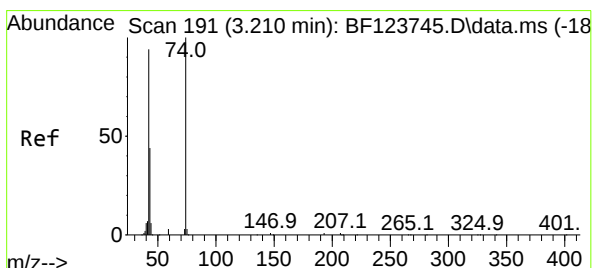
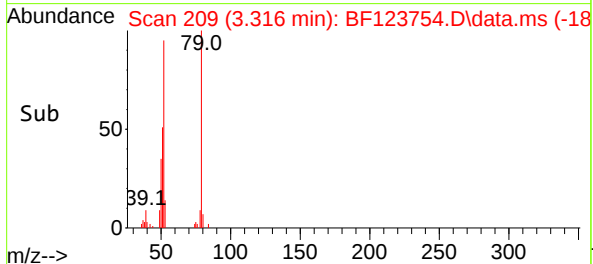
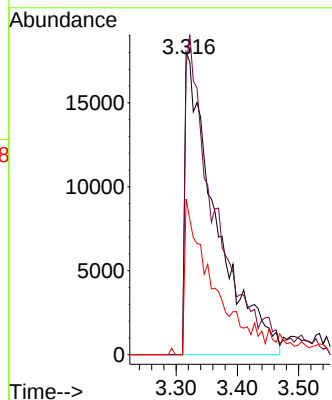
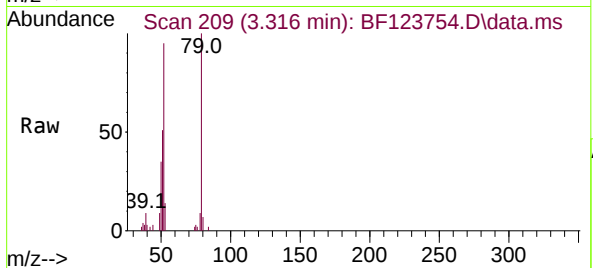
#3
Pyridine
Concen: 3.64 ng m
RT: 3.316 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 79 Resp: 62656
Ion Ratio Lower Upper
79 100
52 95.4 87.4 131.0
51 51.4 41.4 62.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

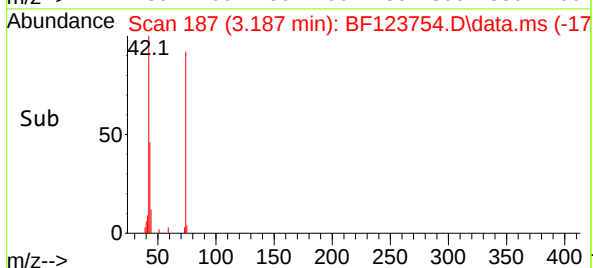
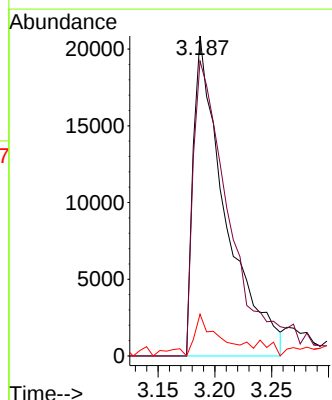
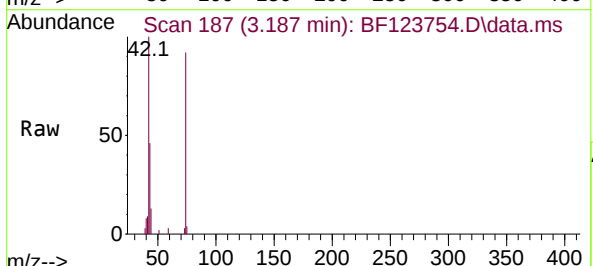
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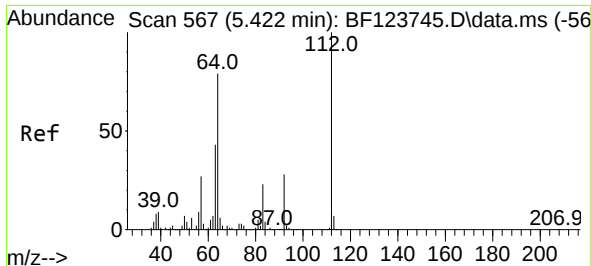
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#4
n-Nitrosodimethylamine
Concen: 4.31 ng
RT: 3.187 min Scan# 187
Delta R.T. -0.024 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

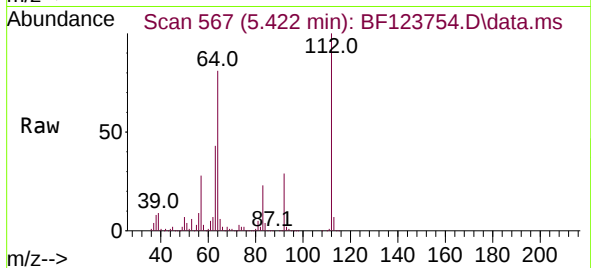
Tgt Ion: 42 Resp: 40934
Ion Ratio Lower Upper
42 100
74 92.1 83.5 125.3
44 13.0 5.7 8.5#





#5
2-Fluorophenol
Concen: 123.05 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

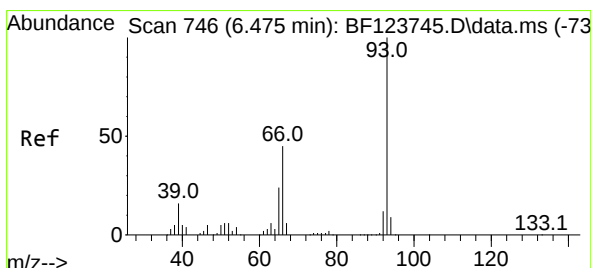
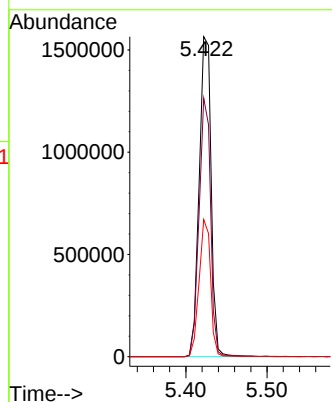
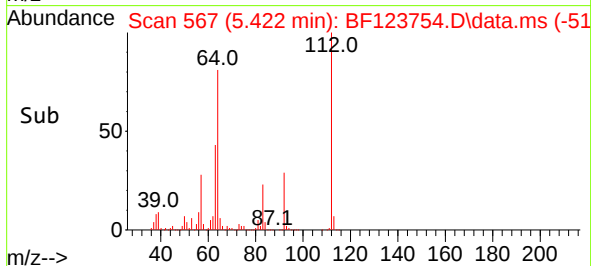
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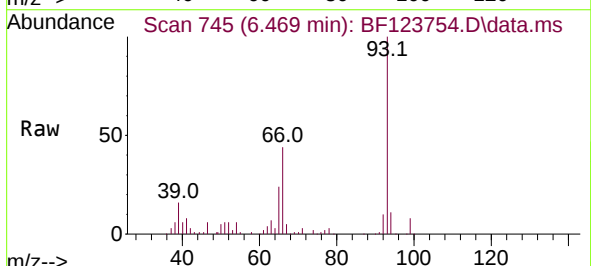
Tgt Ion:112 Resp: 1610051
Ion Ratio Lower Upper
112 100
64 80.8 61.4 92.0
63 42.8 33.0 49.4

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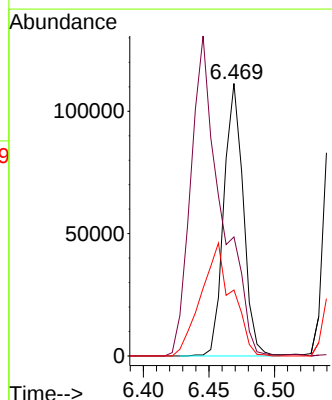
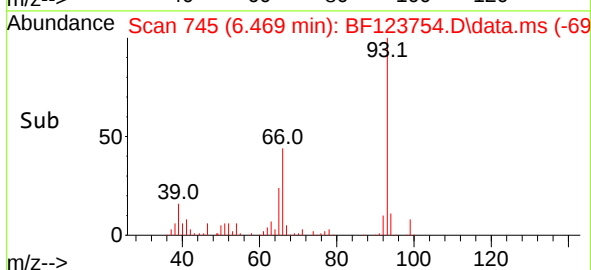
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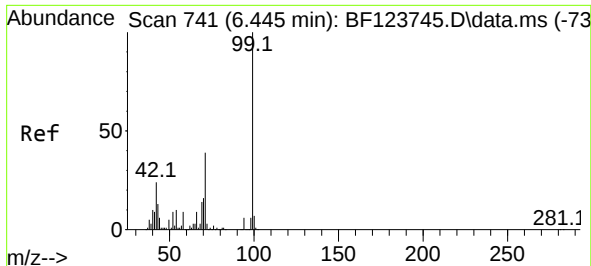


#6
Aniline
Concen: 5.48 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

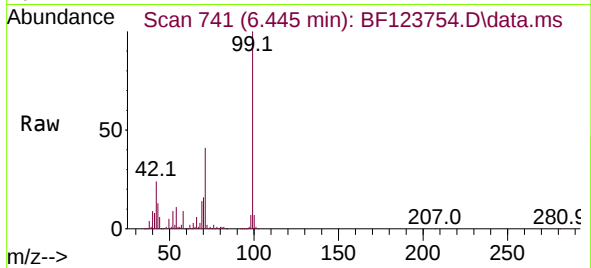


Tgt Ion: 93 Resp: 114261
Ion Ratio Lower Upper
93 100
66 43.7 36.4 54.6
65 24.2 19.4 29.0



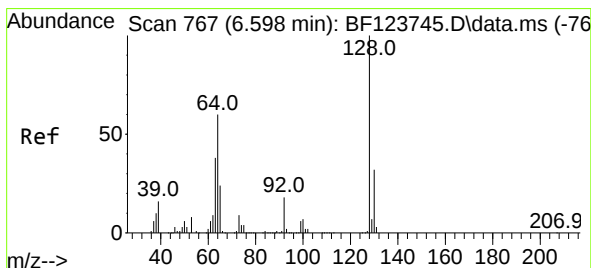
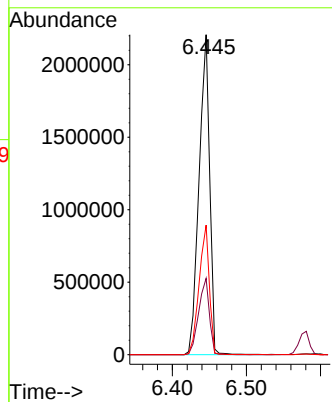
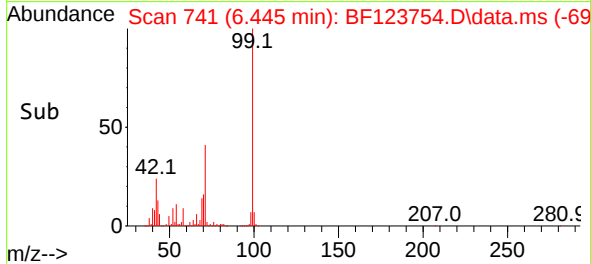


#7
Phenol-d6
Concen: 121.56 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

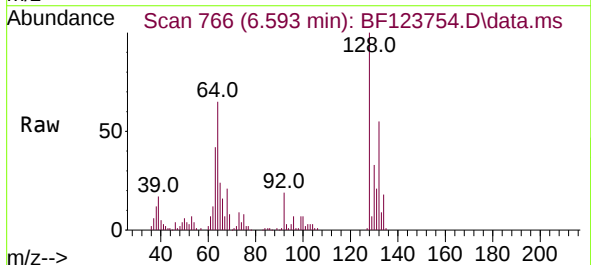


Tgt Ion: 99 Resp: 2191030

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.8
71	40.5	31.1	46.7

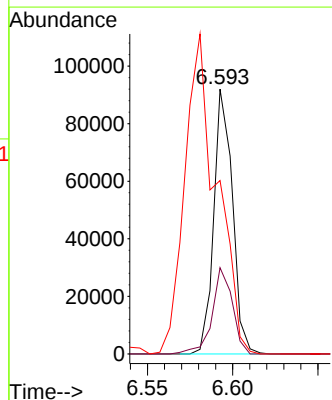
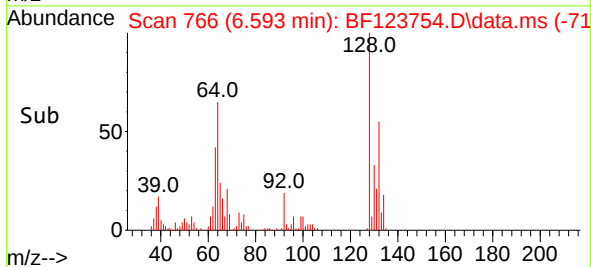


#8
2-Chlorophenol
Concen: 4.96 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 69847

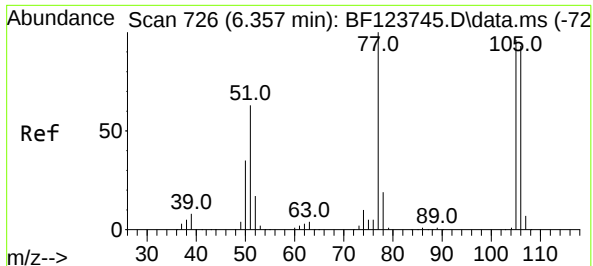
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	65.5	41.5	81.5



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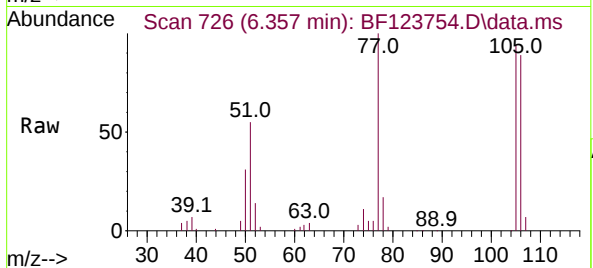
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#9
Benzaldehyde
Concen: 7.72 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
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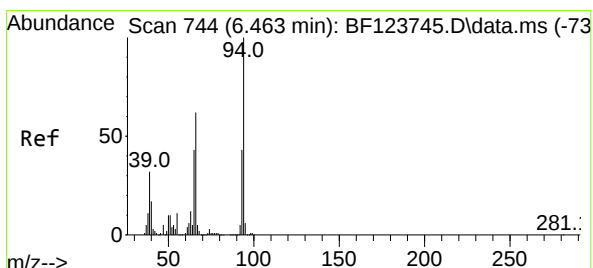
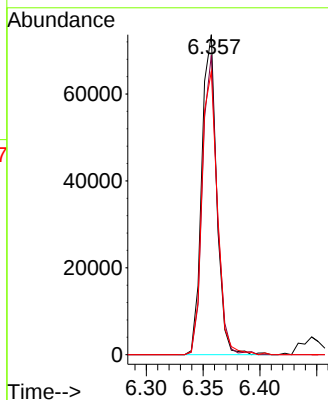
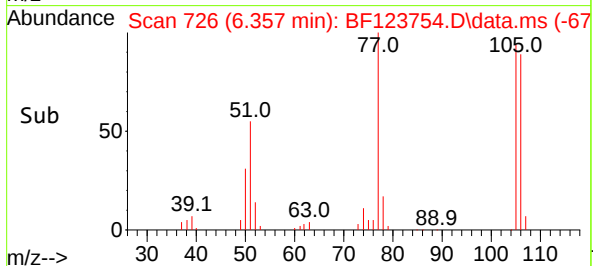
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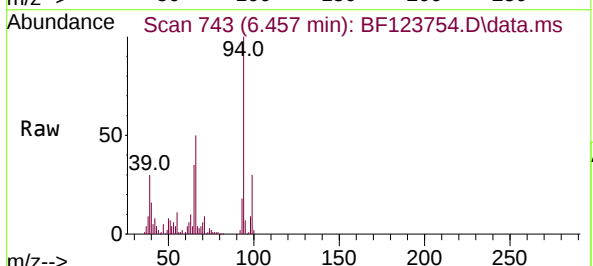
Tgt Ion:	77	Resp:	67354
Ion Ratio	100	Lower	Upper
105	93.6	75.2	115.2
106	88.5	71.6	111.6

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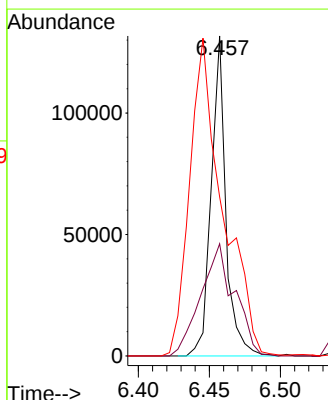
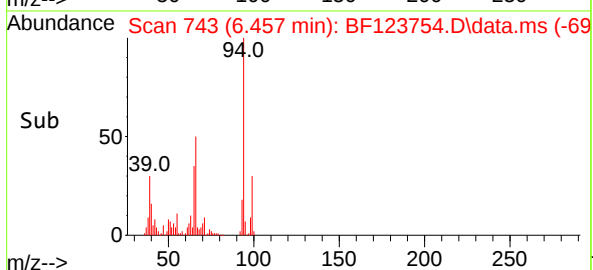
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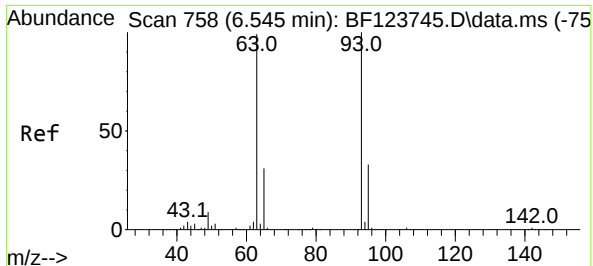


#10
Phenol
Concen: 4.87 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:	94	Resp:	94246
Ion Ratio	100	Lower	Upper
65	35.0	18.1	58.1
66	49.7	29.0	69.0





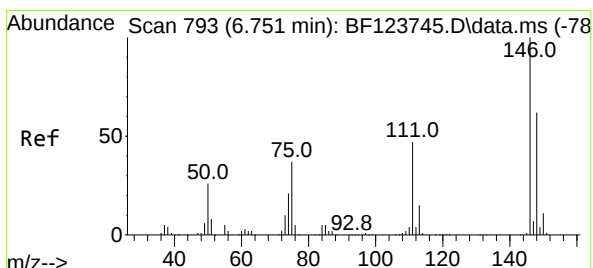
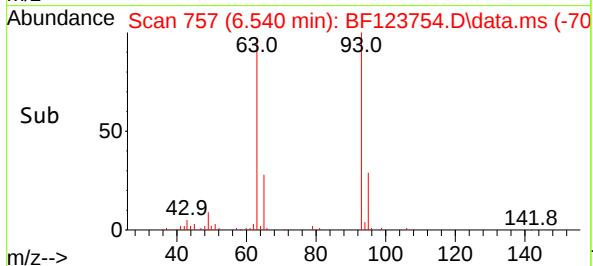
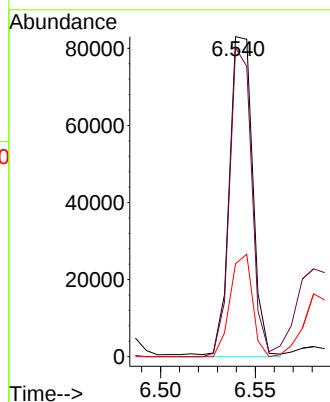
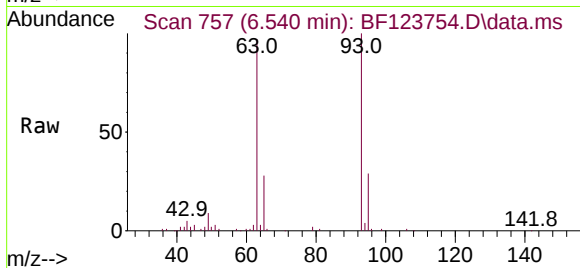
#11
bis(2-Chloroethyl)ether
Concen: 5.04 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	93	Resp:	71209
Ion Ratio	Lower	Upper	
93	100		
63	96.6	76.1	116.1
95	29.0	11.5	51.5

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

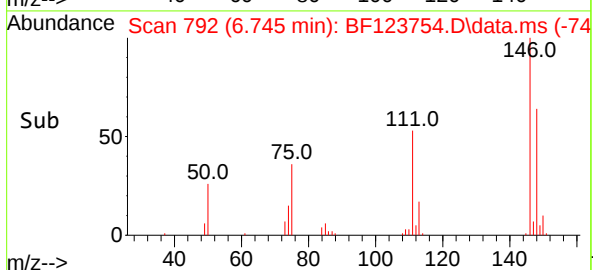
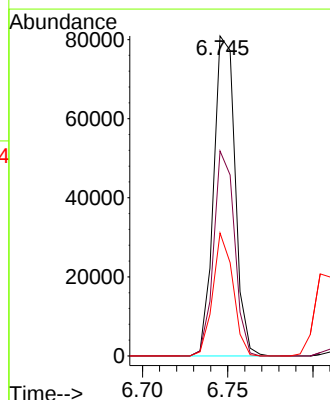
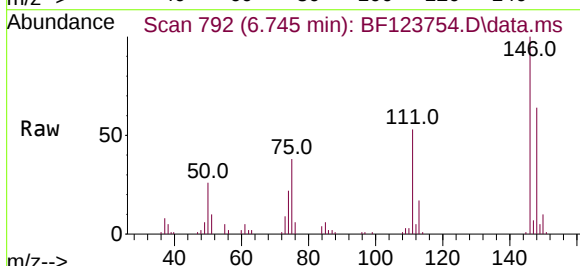
Manual Integrations
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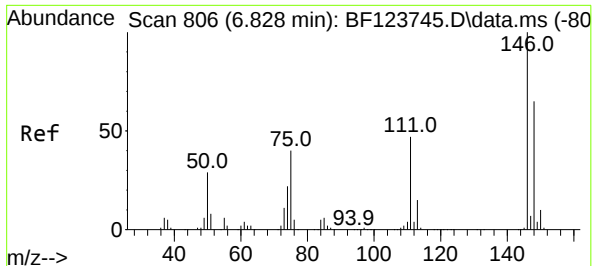
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#12
1,3-Dichlorobenzene
Concen: 4.97 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	146	Resp:	70700
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	38.4	34.2	51.4





#13

1,4-Dichlorobenzene

Concen: 5.00 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

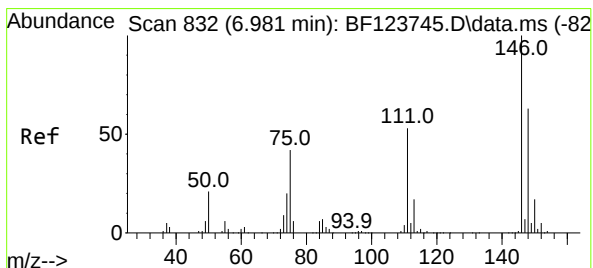
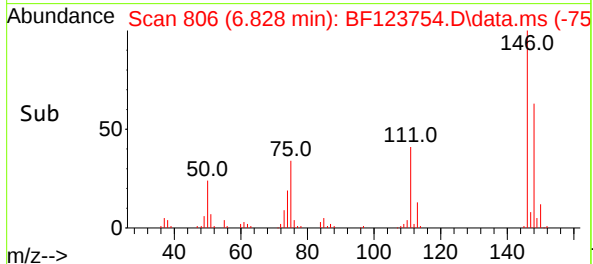
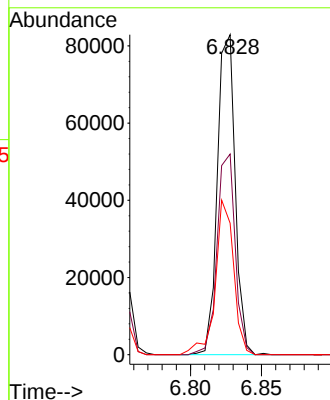
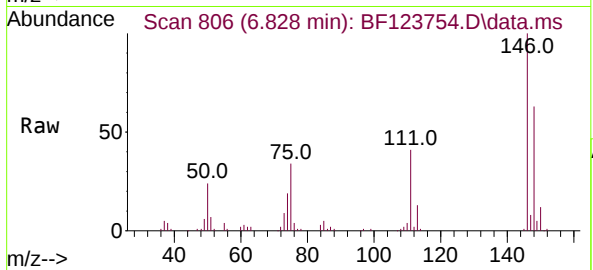
Tgt Ion:146 Resp: 71999

Ion Ratio Lower Upper

146 100

148 62.7 49.9 74.9

111 41.1 39.5 59.3



#14

1,2-Dichlorobenzene

Concen: 4.74 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

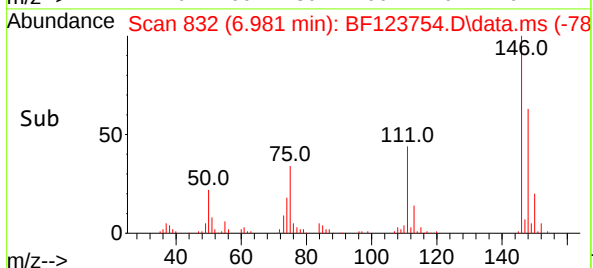
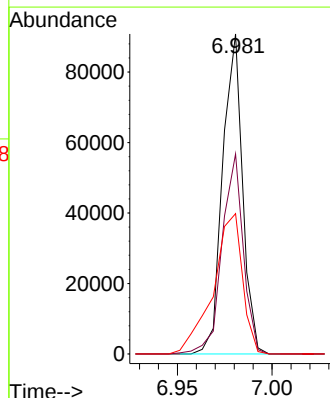
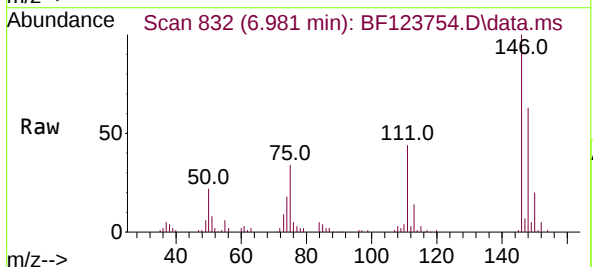
Tgt Ion:146 Resp: 66274

Ion Ratio Lower Upper

146 100

148 62.5 51.6 77.4

111 43.9 38.4 57.6



Instrument :

BNA_F

ClientSampleId :

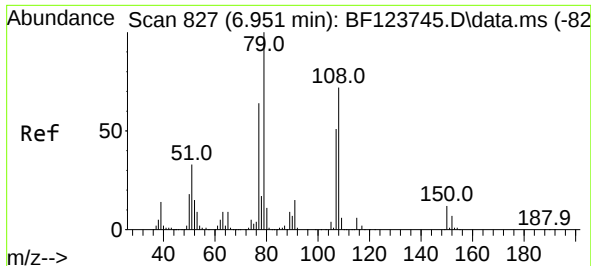
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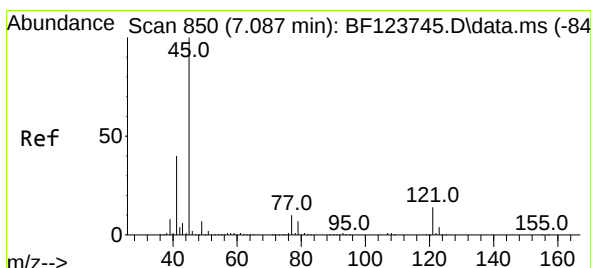
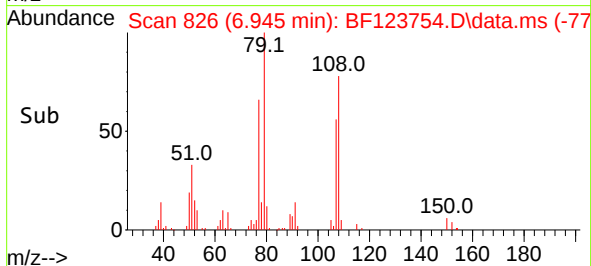
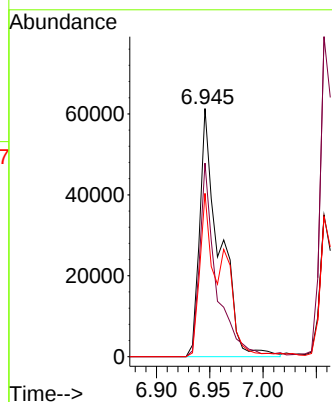
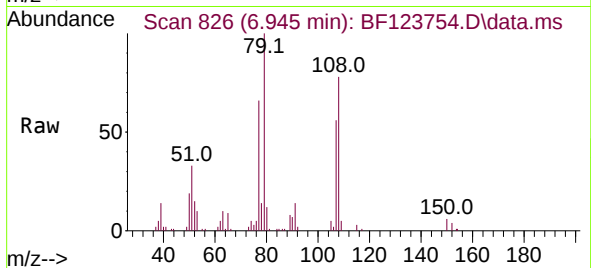
#15
Benzyl Alcohol
Concen: 5.58 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 79	Resp: 78876
Ion Ratio	Lower Upper
79	100
108	78.0 55.8 83.8
77	65.8 49.9 74.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

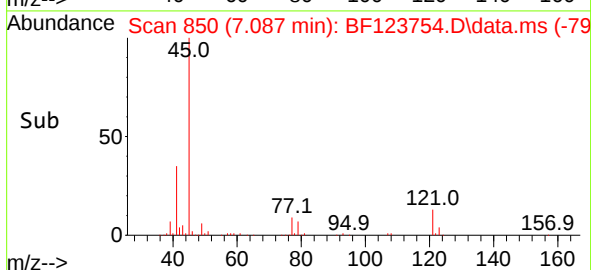
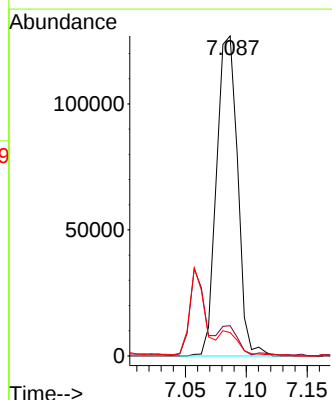
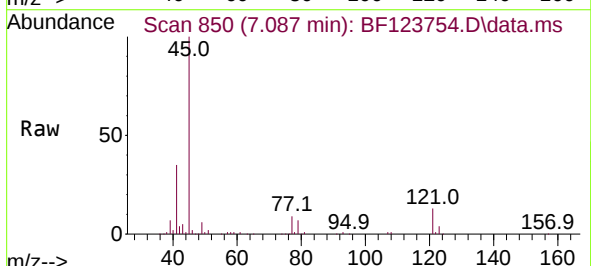
Manual Integrations
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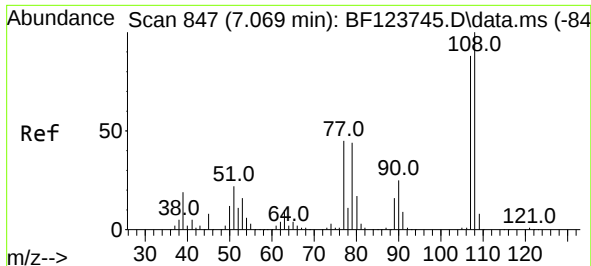
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.08 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 45	Resp: 152884
Ion Ratio	Lower Upper
45	100
77	9.5 0.0 30.0
79	7.3 0.0 27.3





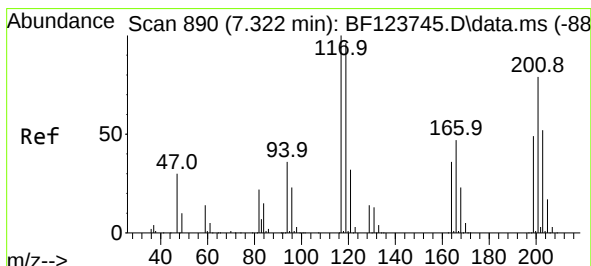
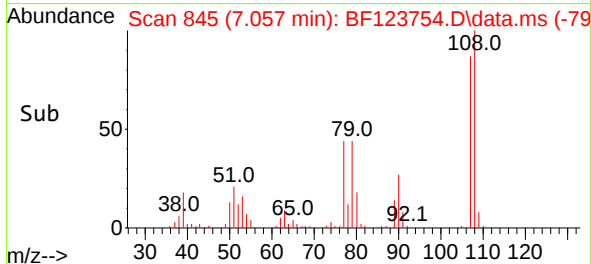
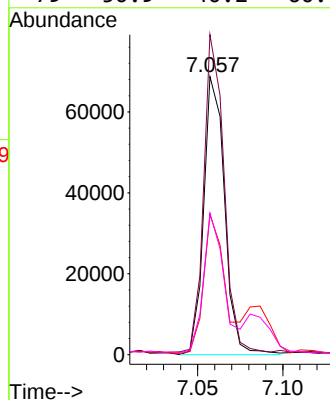
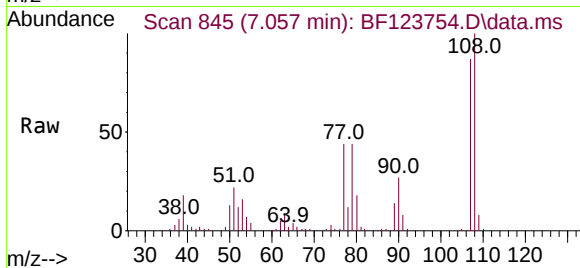
#17
2-Methylphenol
Concen: 4.88 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	107	Resp:	58561
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.8	134.8
77	50.4	40.9	61.3
79	50.9	40.2	60.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

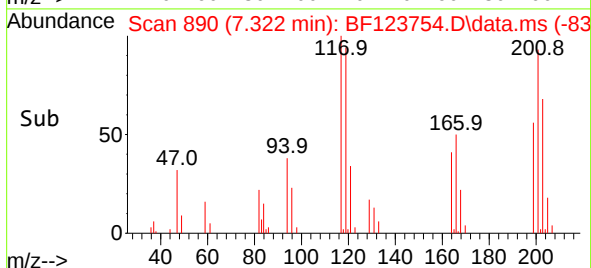
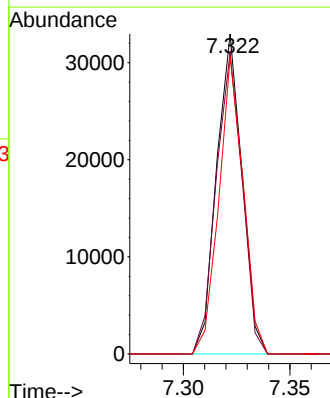
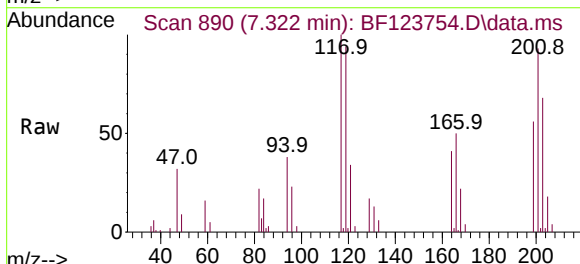
Manual Integrations
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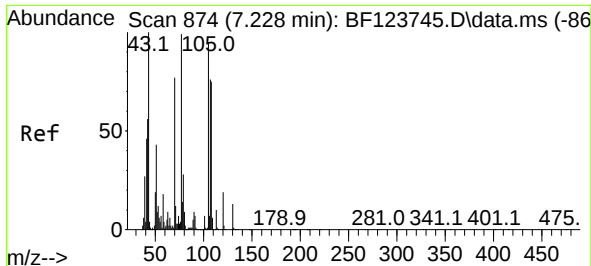
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#18
Hexachloroethane
Concen: 4.81 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

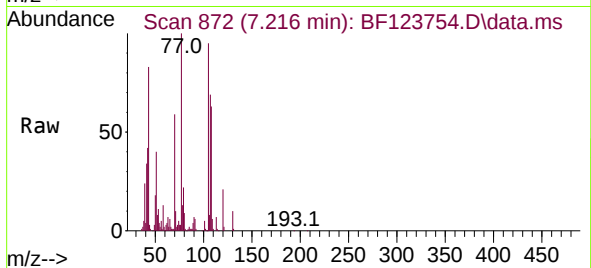
Tgt Ion:	117	Resp:	27401
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.8	116.8
201	92.8	67.8	101.8





#19
n-Nitroso-di-n-propylamine
Concen: 4.96 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

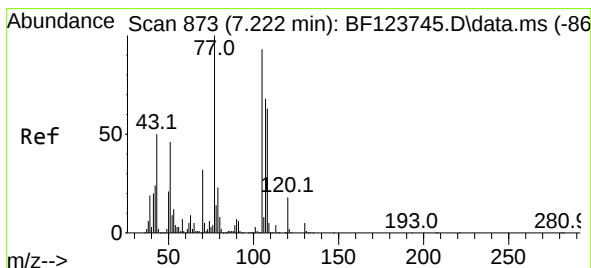
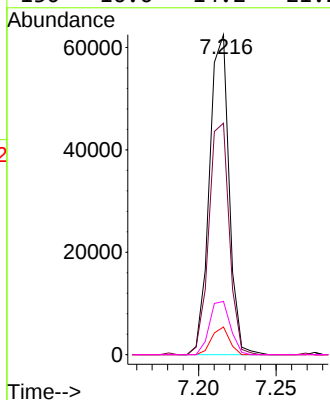
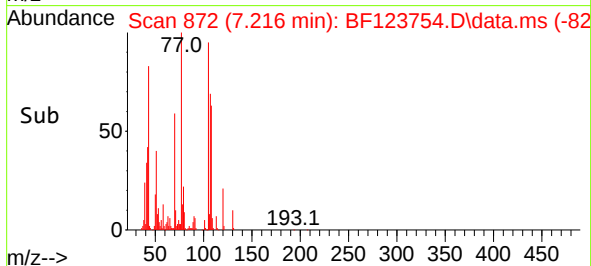
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



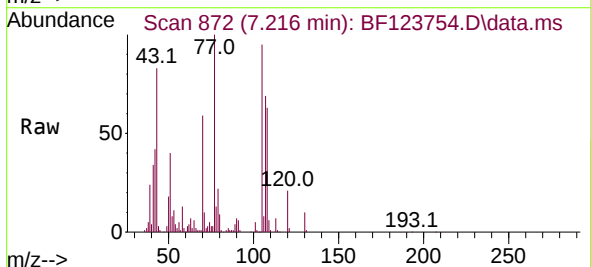
Tgt Ion: 70 Resp: 55149
Ion Ratio Lower Upper
70 100
42 72.3 60.1 90.1
101 8.7 7.4 11.2
130 16.6 14.2 21.2

Manual Integrations
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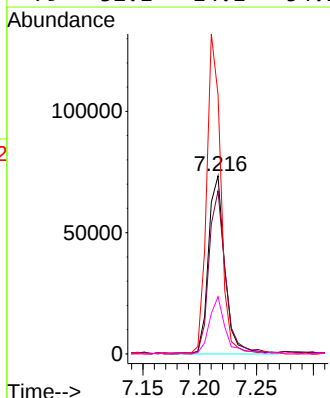
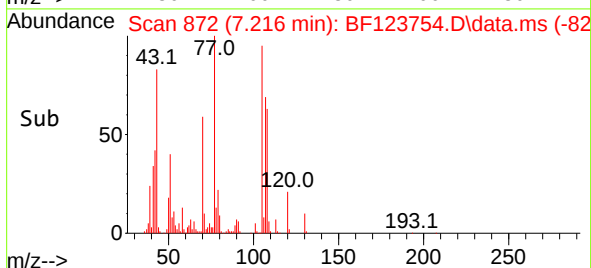
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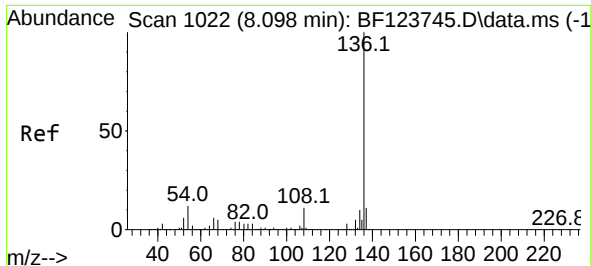


#20
3+4-Methylphenols
Concen: 4.84 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



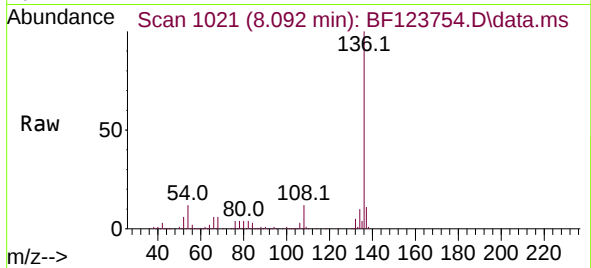
Tgt Ion: 107 Resp: 73887
Ion Ratio Lower Upper
107 100
108 91.5 71.5 111.5
77 145.4 82.0 122.0#
79 32.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

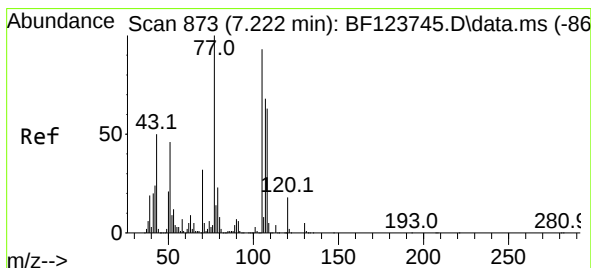
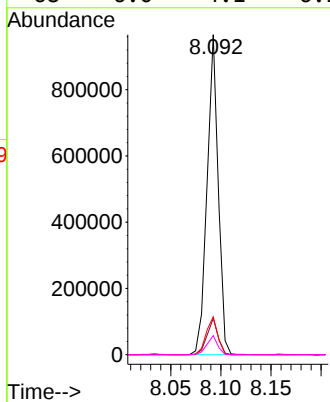
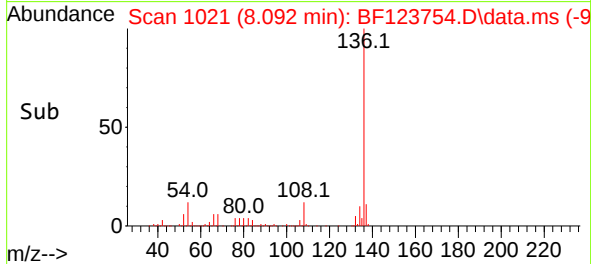
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



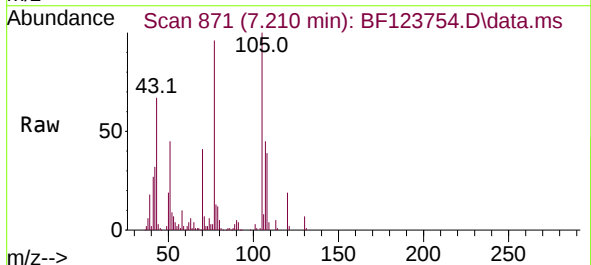
Tgt Ion:136 Resp: 751410
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.9 9.8 14.6
68 6.0 4.1 6.1

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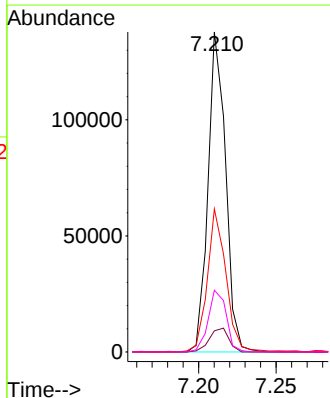
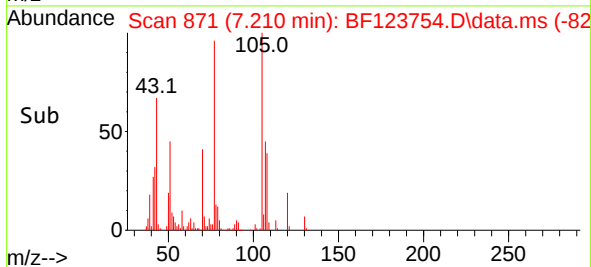
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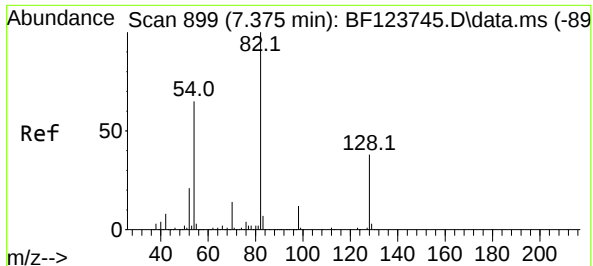


#22
Acetophenone
Concen: 5.32 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:105 Resp: 108561
Ion Ratio Lower Upper
105 100
71 6.6 4.2 6.4#
51 44.7 33.6 50.4
120 19.3 16.3 24.5





#23

Nitrobenzene-d5

Concen: 74.40 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

Tgt Ion: 82 Resp: 1238359

Ion Ratio Lower Upper

82 100

128 36.8 29.4 44.2

54 66.7 54.1 81.1

Instrument :

BNA_F

ClientSampleId :

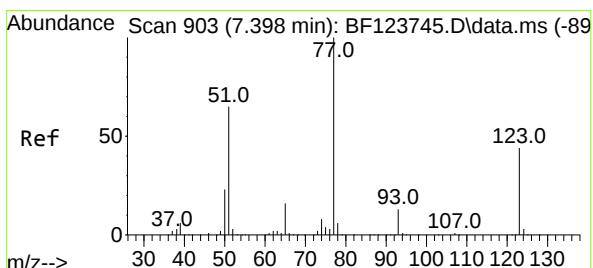
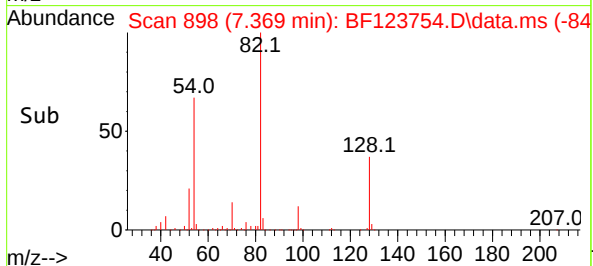
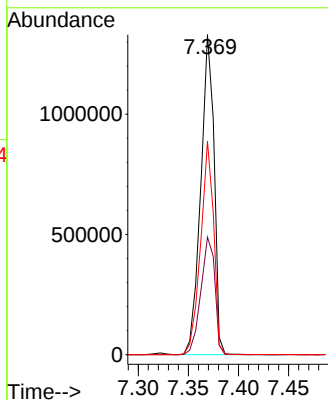
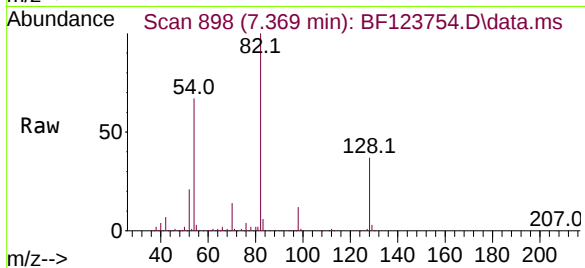
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#24

Nitrobenzene

Concen: 5.02 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

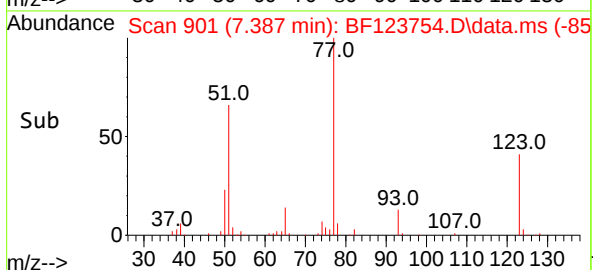
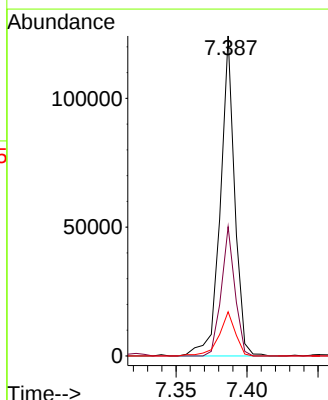
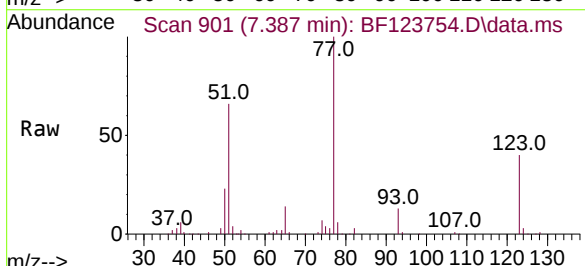
Tgt Ion: 77 Resp: 87039

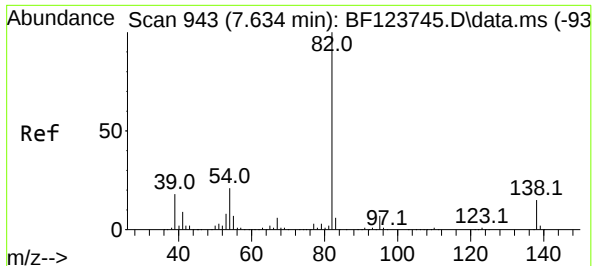
Ion Ratio Lower Upper

77 100

123 40.4 34.5 51.7

65 13.8 12.2 18.2





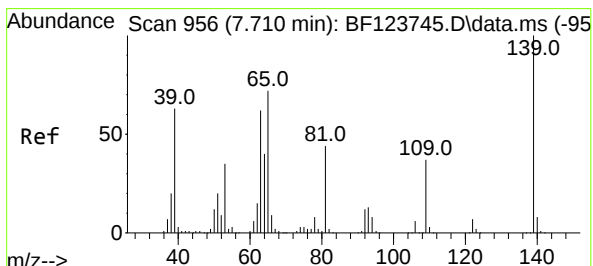
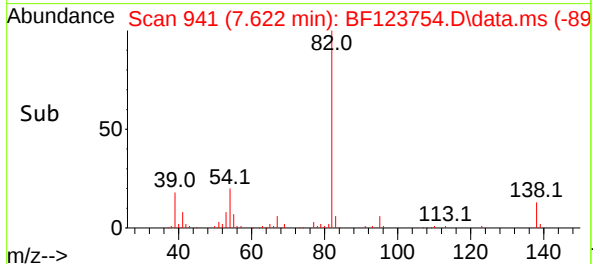
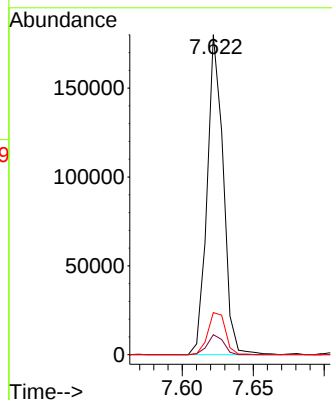
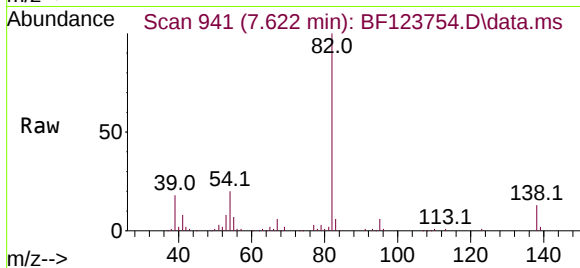
#25
Isophorone
Concen: 4.56 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 82 Resp: 142400
Ion Ratio Lower Upper
82 100
95 6.2 5.8 8.6
138 13.2 11.8 17.8

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

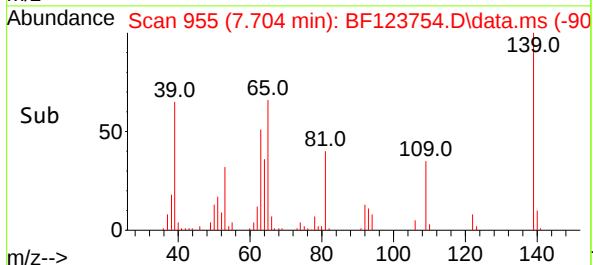
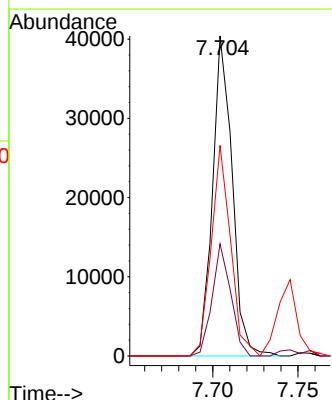
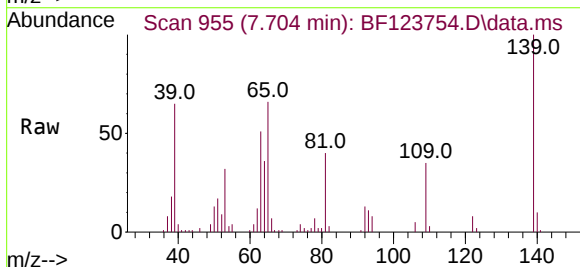
Manual Integrations
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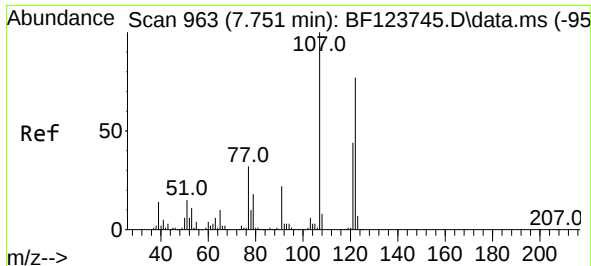
mohammad
4/29/2021 5:44:31 PM



#26
2-Nitrophenol
Concen: 4.59 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

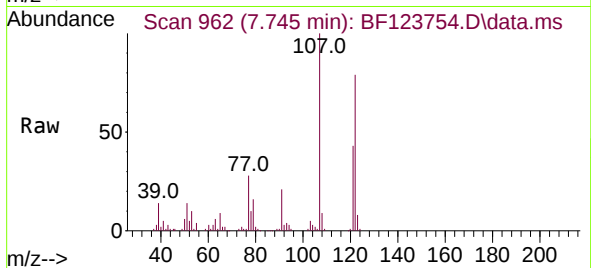
Tgt Ion: 139 Resp: 32444
Ion Ratio Lower Upper
139 100
109 35.0 28.6 43.0
65 65.8 56.8 85.2





#27
2,4-Dimethylphenol
Concen: 5.37 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

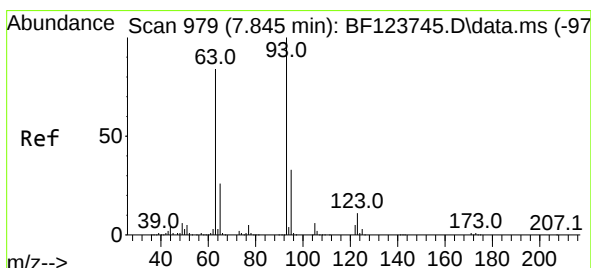
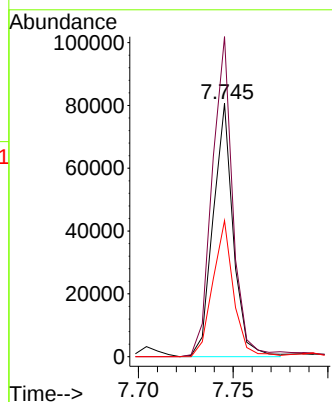
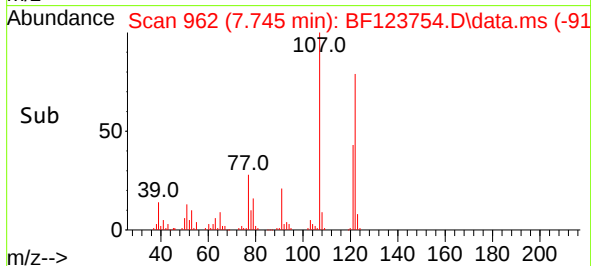
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



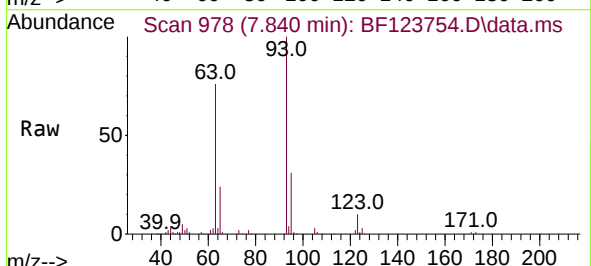
Tgt Ion:122 Resp: 59699
Ion Ratio Lower Upper
122 100
107 126.4 106.3 159.5
121 53.7 45.4 68.0

Manual Integrations
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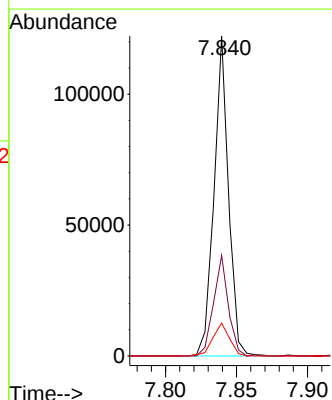
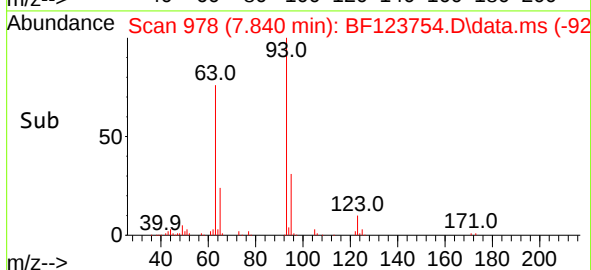
mohammad
4/29/2021 5:44:31 PM

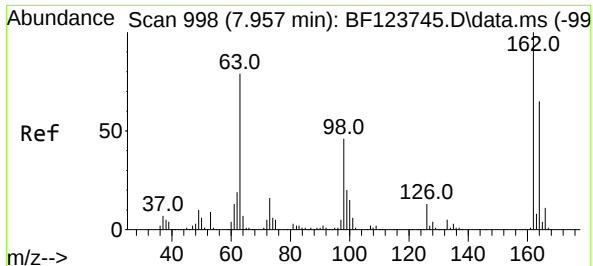


#28
bis(2-Chloroethoxy)methane
Concen: 5.47 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



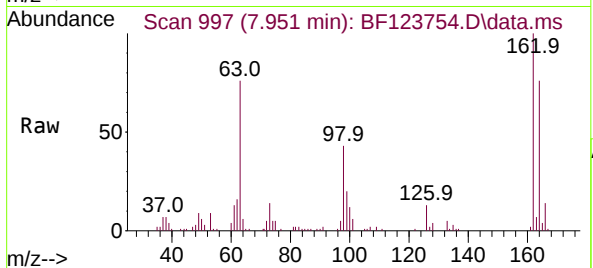
Tgt Ion: 93 Resp: 86925
Ion Ratio Lower Upper
93 100
95 31.4 26.5 39.7
123 10.2 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 4.70 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

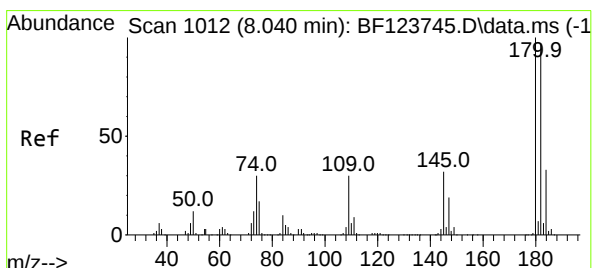
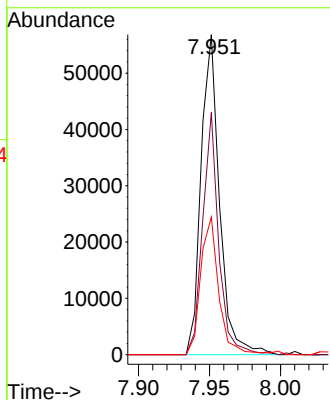
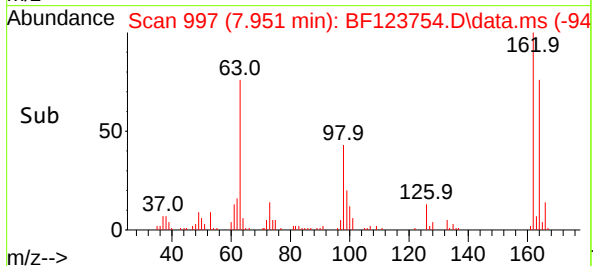
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



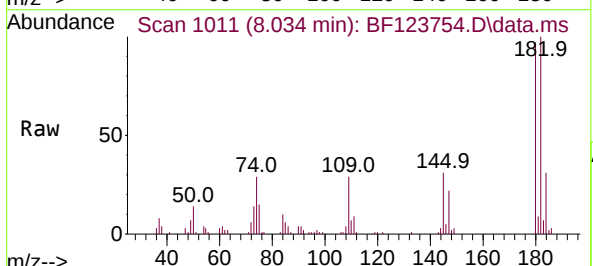
Tgt Ion:162 Resp: 51536
Ion Ratio Lower Upper
162 100
164 75.7 44.1 84.1
98 43.0 27.3 67.3

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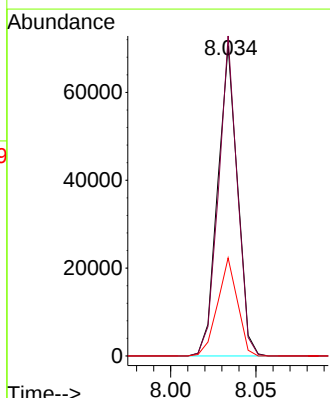
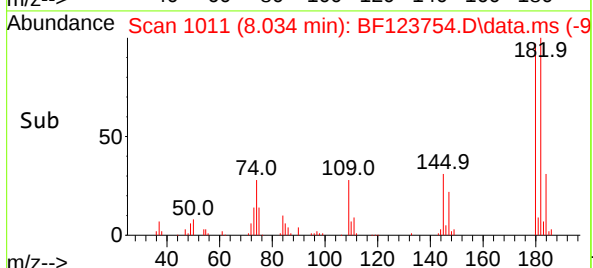
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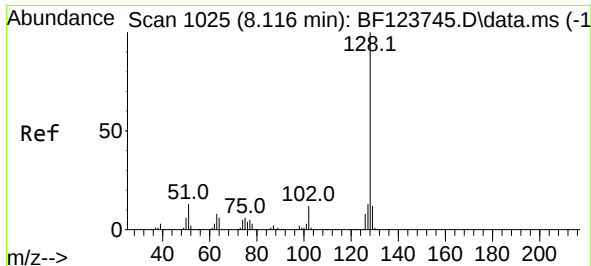


#30
1,2,4-Trichlorobenzene
Concen: 4.96 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:180 Resp: 56952
Ion Ratio Lower Upper
180 100
182 103.1 77.2 115.8
145 31.6 26.0 39.0





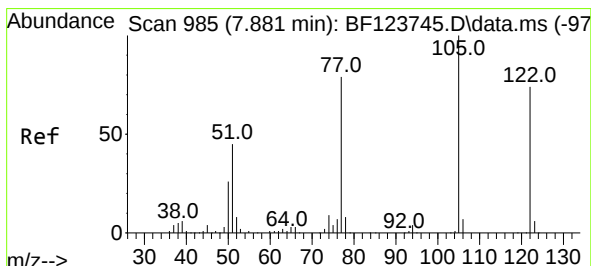
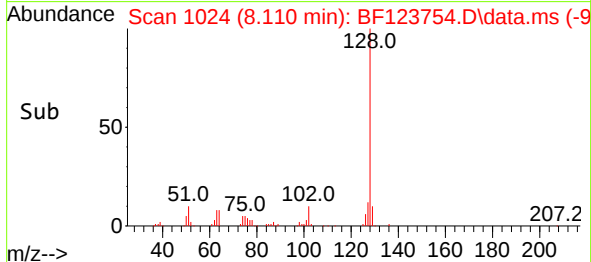
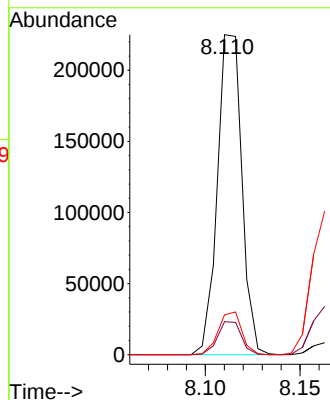
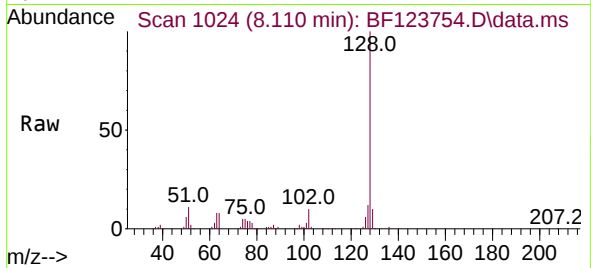
#31
Naphthalene
Concen: 5.25 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:128 Resp: 202980
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.5 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

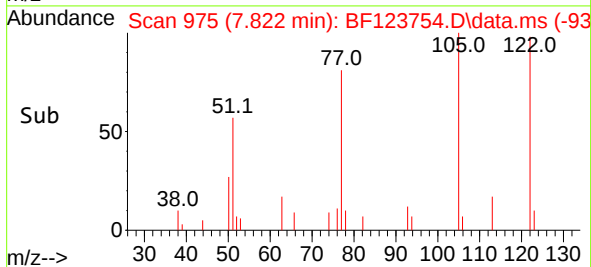
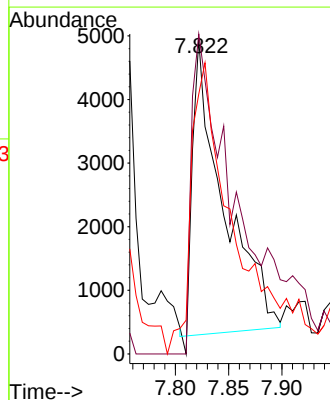
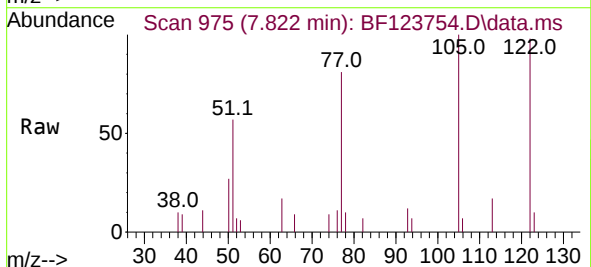
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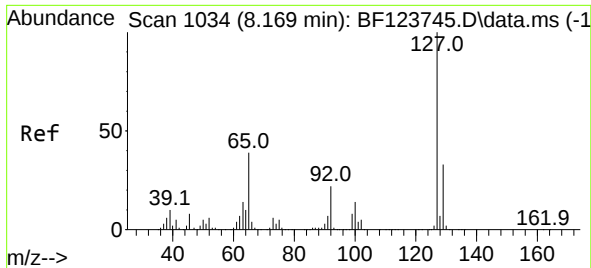
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#32
Benzoic acid
Concen: 1.32 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.059 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:122 Resp: 9226
Ion Ratio Lower Upper
122 100
105 101.8 107.8 147.8#
77 82.6 81.6 121.6





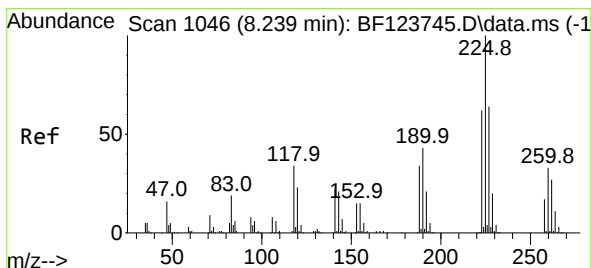
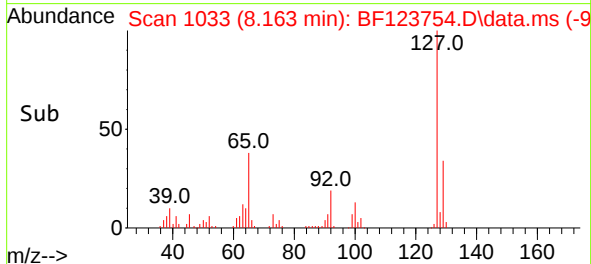
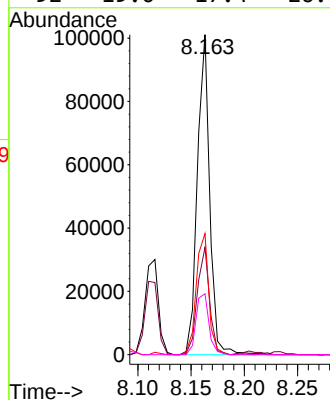
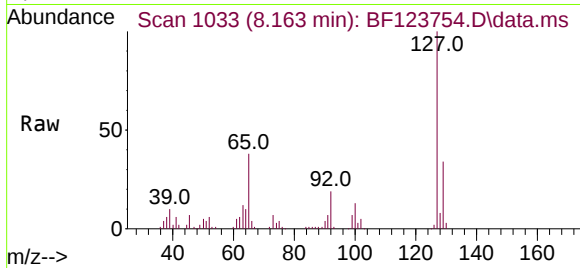
#33
4-Chloroaniline
Concen: 5.07 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	37.9	34.5	51.7
92	19.0	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

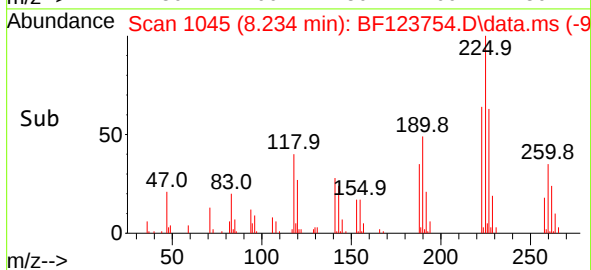
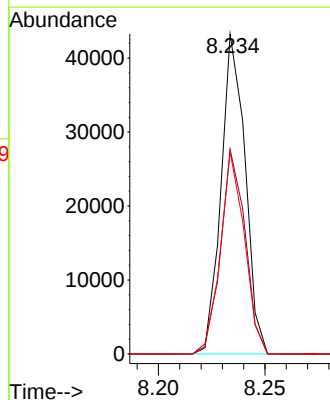
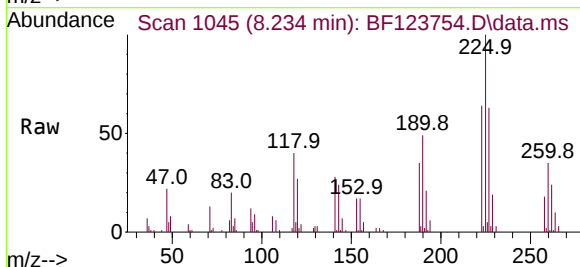
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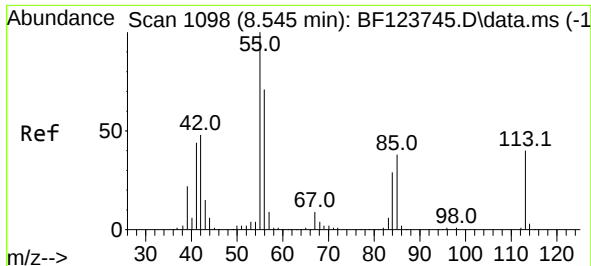
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#34
Hexachlorobutadiene
Concen: 4.84 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.4	75.6
227	63.2	51.4	77.0





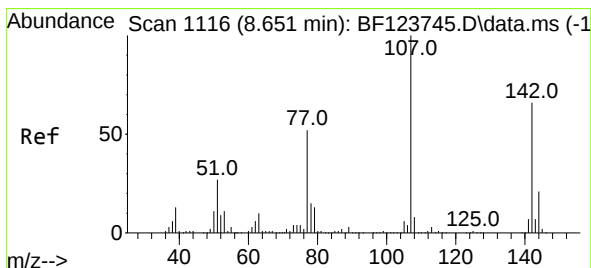
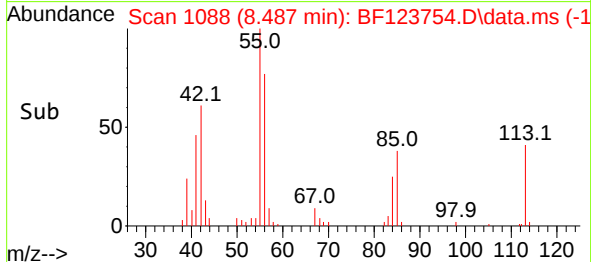
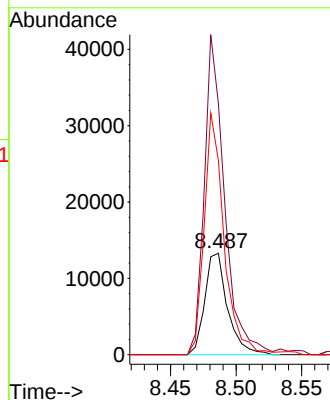
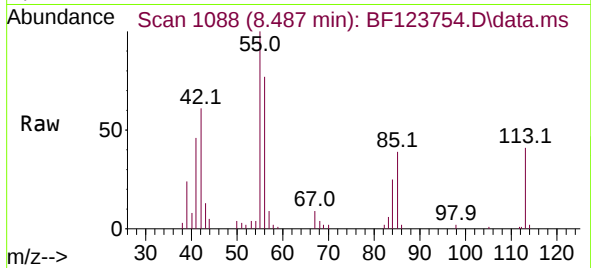
#35
Caprolactam
Concen: 4.18 ng
RT: 8.487 min Scan# 1088
Delta R.T. -0.059 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:113 Resp: 16076
Ion Ratio Lower Upper
113 100
55 246.8 254.9 294.9#
56 191.1 179.4 219.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

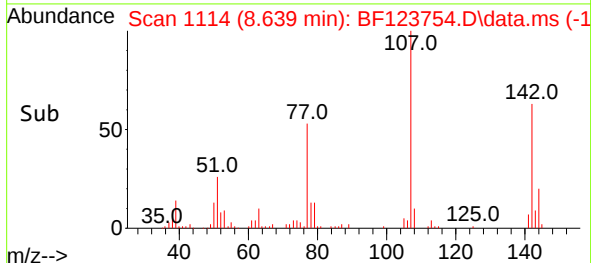
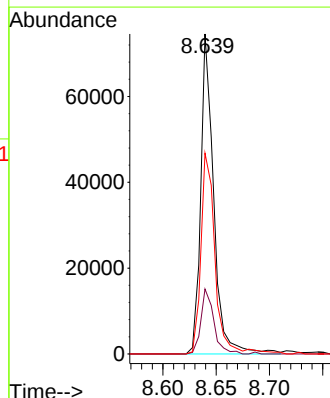
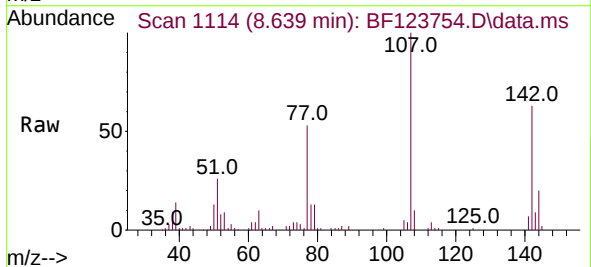
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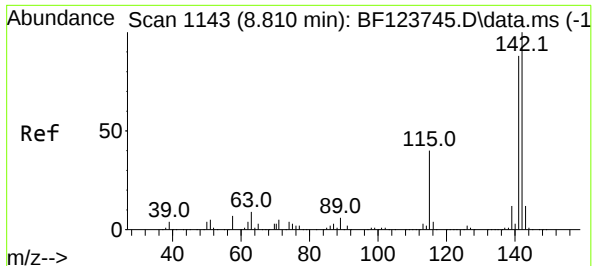
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#36
4-Chloro-3-methylphenol
Concen: 4.63 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:107 Resp: 63309
Ion Ratio Lower Upper
107 100
144 20.3 16.3 24.5
142 62.7 50.1 75.1





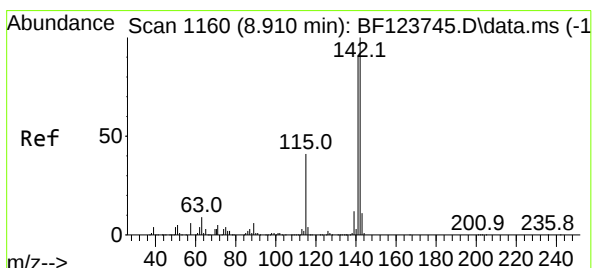
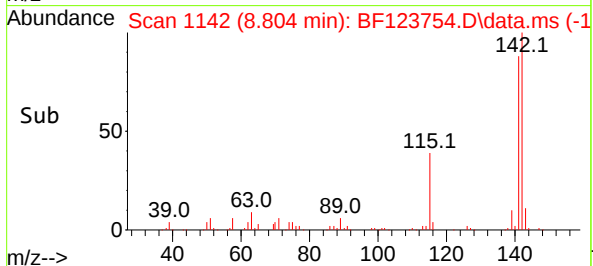
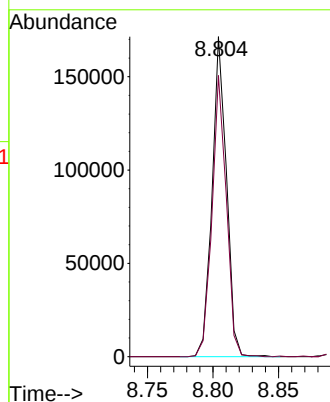
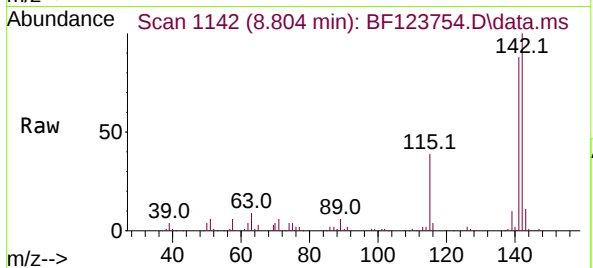
#37
2-Methylnaphthalene
Concen: 5.19 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:142 Resp: 130774
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

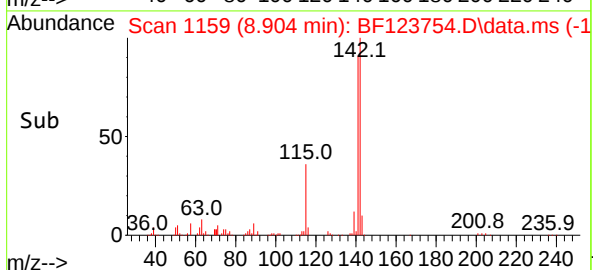
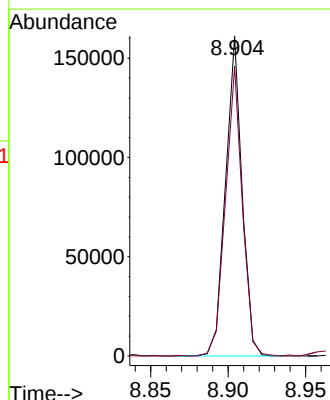
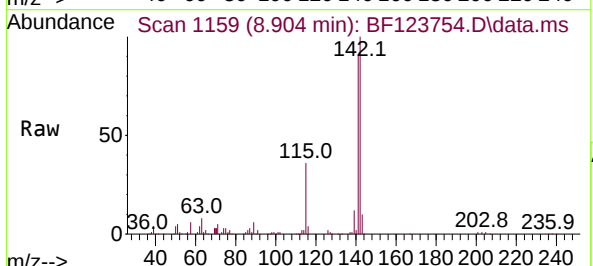
Manual Integrations
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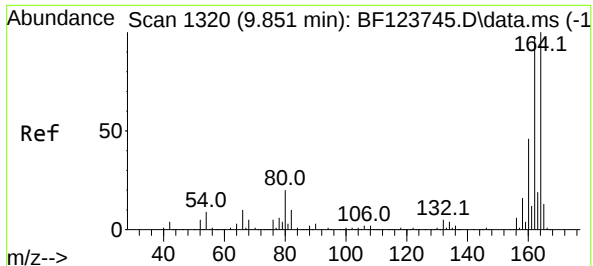
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#38
1-Methylnaphthalene
Concen: 5.05 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:142 Resp: 119687
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

Tgt Ion:164 Resp: 375438

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 45.0 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

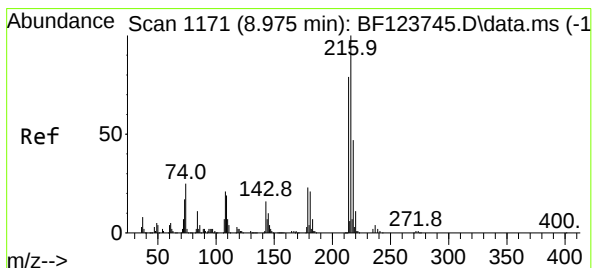
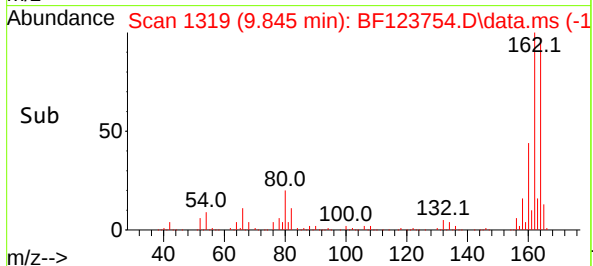
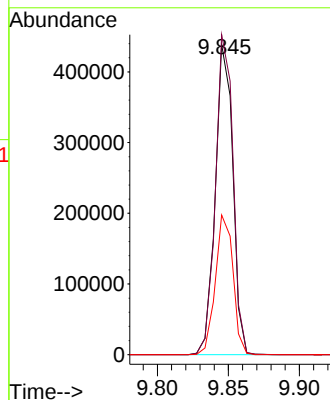
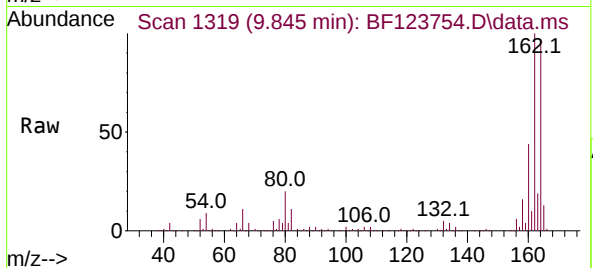
LOD-MDL-SOIL-01-QT1-2021

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.23 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF123754.D

Acq: 28 Apr 2021 10:25

Tgt Ion:216 Resp: 57755

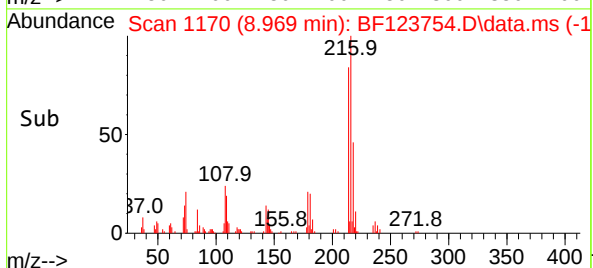
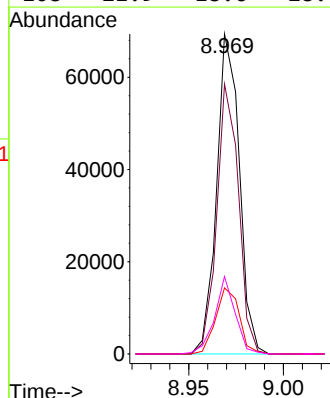
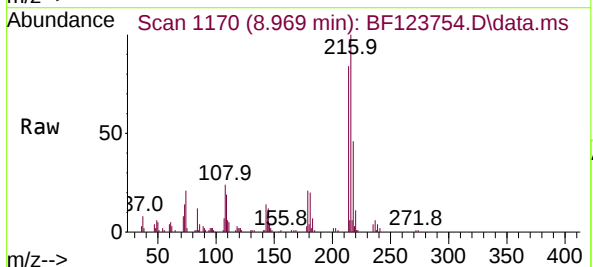
Ion Ratio Lower Upper

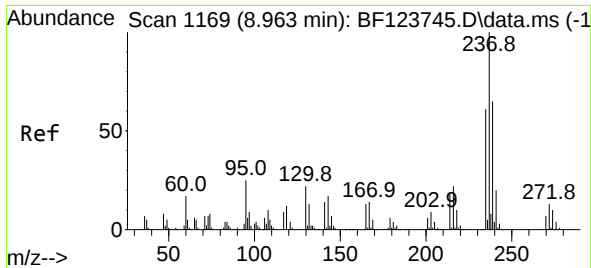
216 100

214 80.9 63.8 95.8

179 21.5 17.9 26.9

108 21.9 18.6 28.0





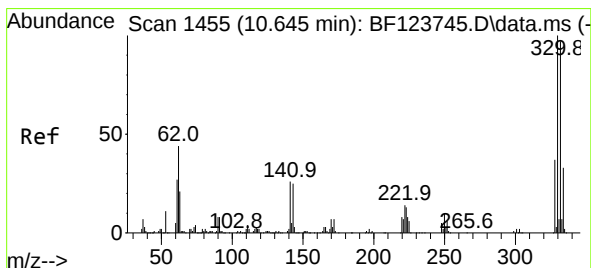
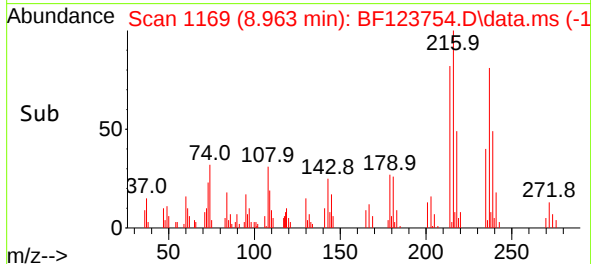
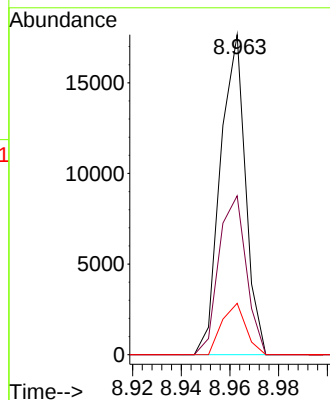
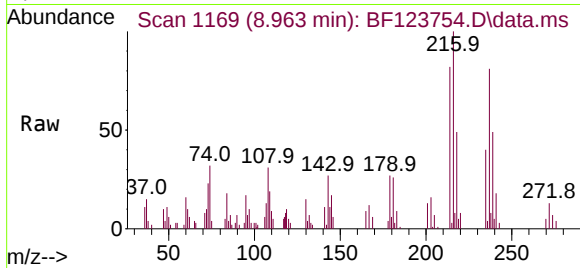
#41
Hexachlorocyclopentadiene
Concen: 2.88 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	237	Resp:	12612
Ion Ratio	Lower	Upper	
237	100		
235	49.7	38.8	78.8
272	16.1	0.0	32.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

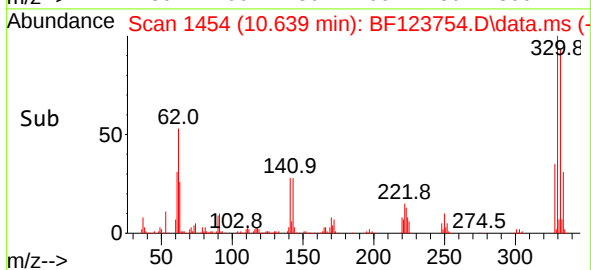
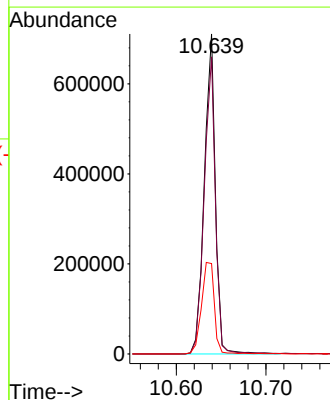
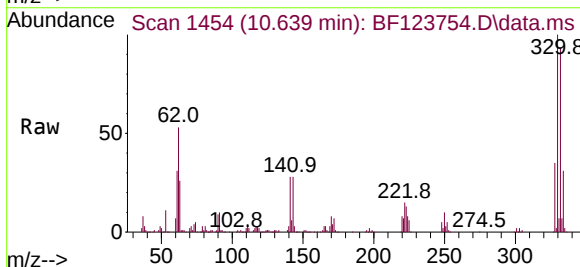
Manual Integrations
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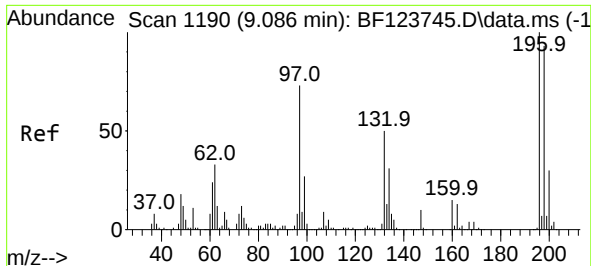
mohammad
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#42
2,4,6-Tribromophenol
Concen: 129.96 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	330	Resp:	607423
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.1	115.7
141	33.5	27.9	41.9





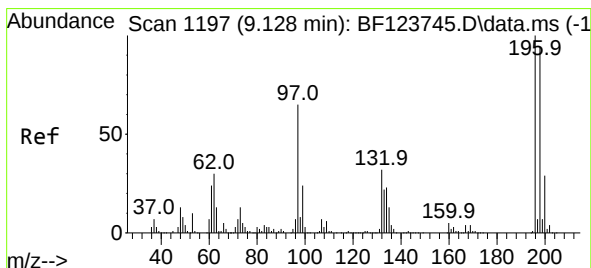
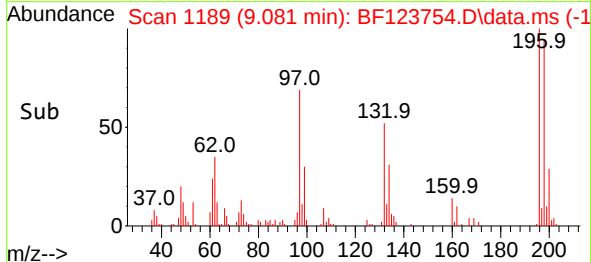
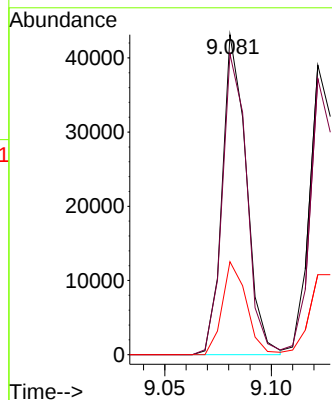
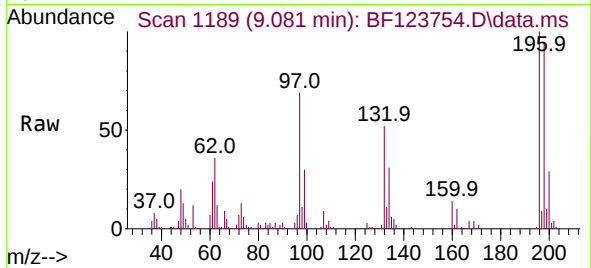
#43
2,4,6-Trichlorophenol
Concen: 4.45 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:196 Resp: 33886
Ion Ratio Lower Upper
196 100
198 94.0 78.2 117.2
200 29.1 25.0 37.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

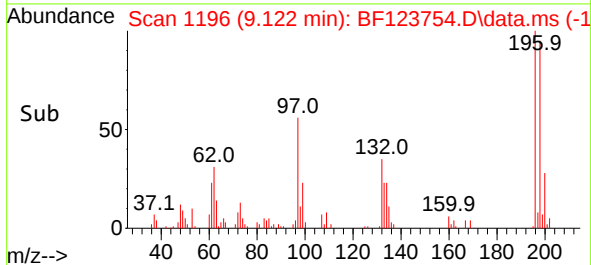
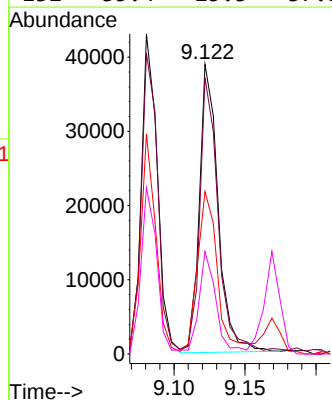
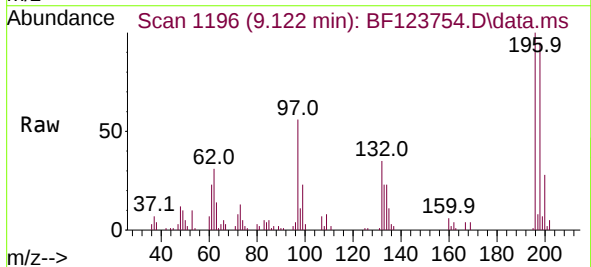
Manual Integrations
APPROVED

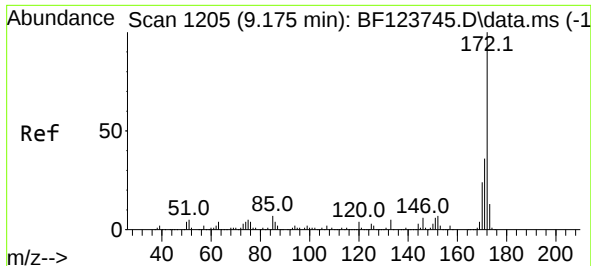
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 4.38 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:196 Resp: 35793
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
97 56.1 52.9 79.3
132 35.4 25.3 37.9





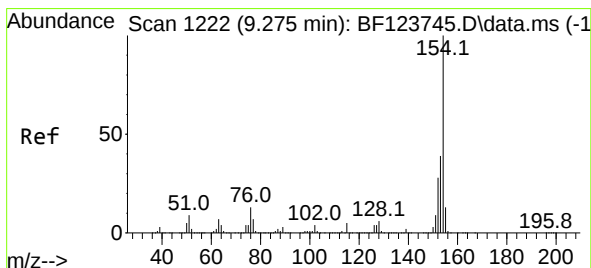
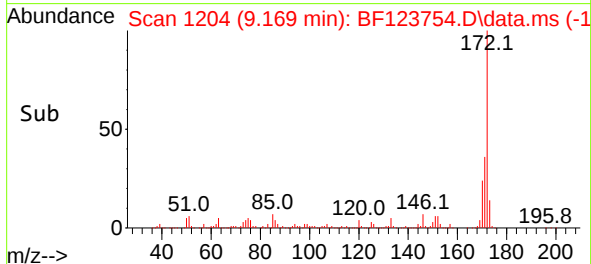
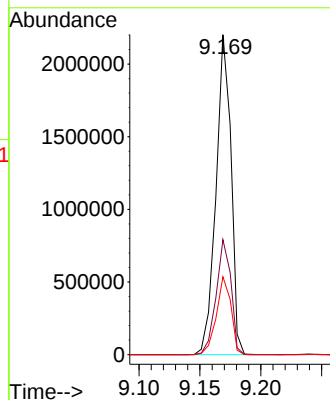
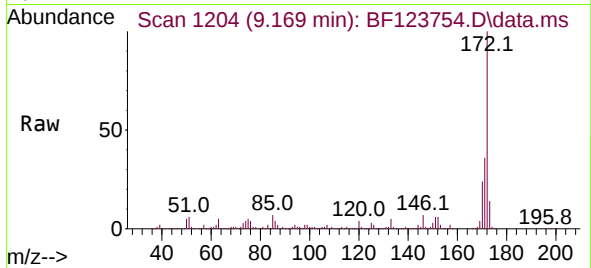
#45
2-Fluorobiphenyl
Concen: 73.03 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:172 Resp: 1882666
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.3 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

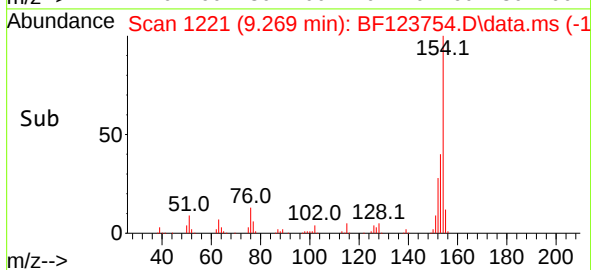
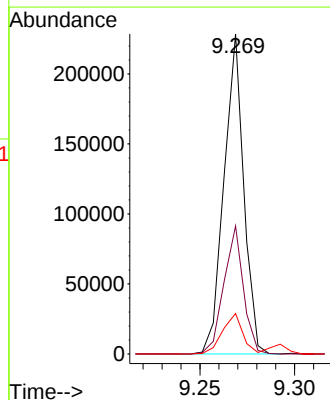
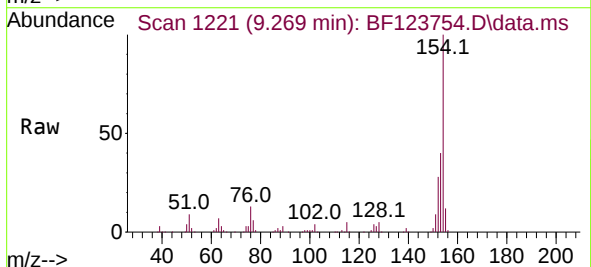
Manual Integrations
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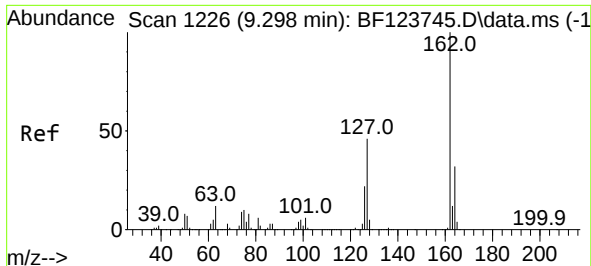
mohammad
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#46
1,1'-Biphenyl
Concen: 5.38 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:154 Resp: 165498
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 12.6 0.0 31.7





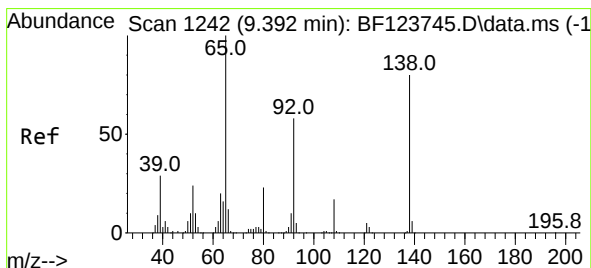
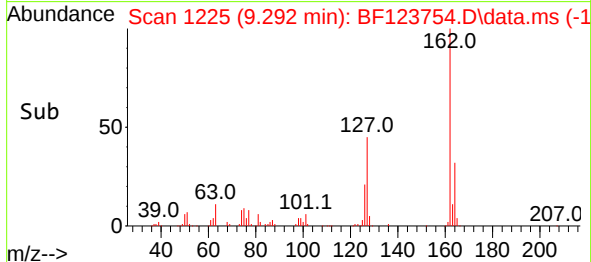
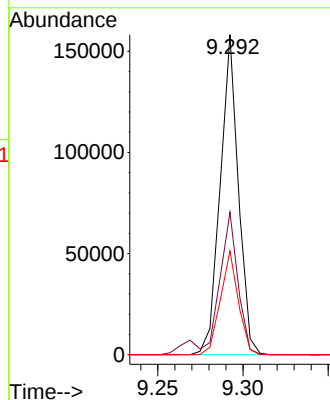
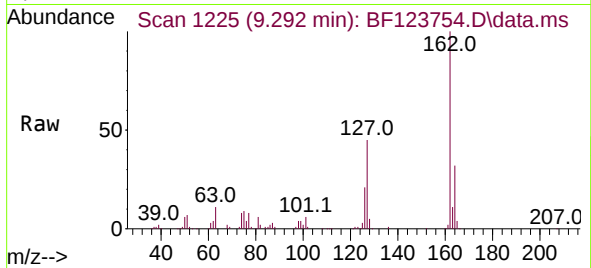
#47
2-Chloronaphthalene
Concen: 5.06 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 162 Resp: 117388
Ion Ratio Lower Upper
162 100
127 44.5 36.2 54.2
164 32.4 25.4 38.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

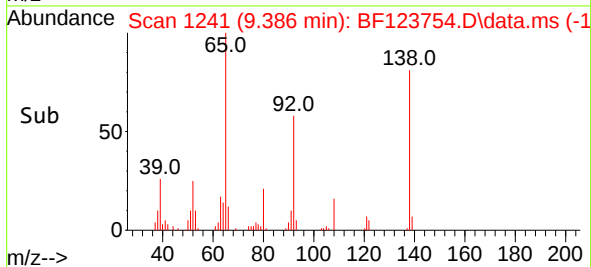
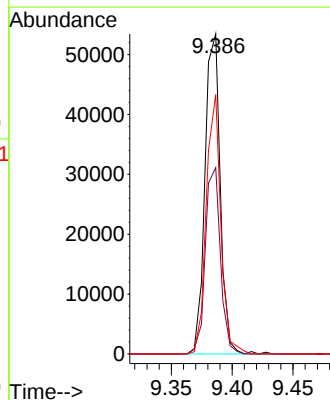
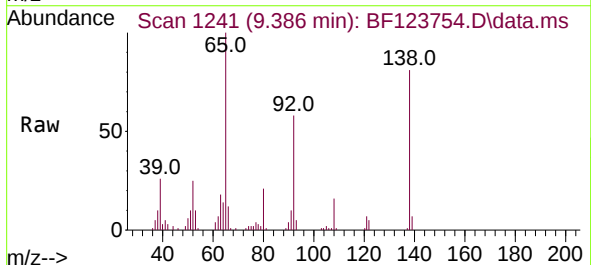
Manual Integrations
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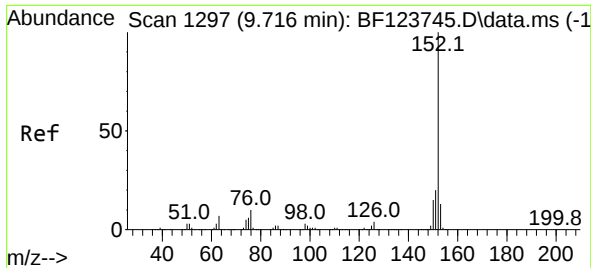
mohammad
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#48
2-Nitroaniline
Concen: 4.56 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

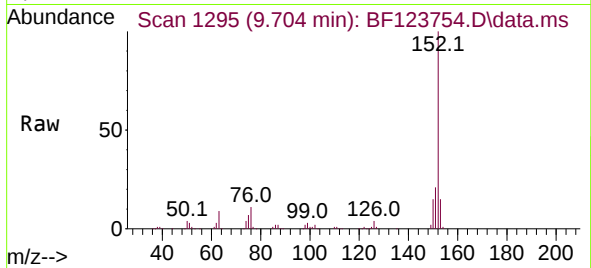
Tgt Ion: 65 Resp: 46626
Ion Ratio Lower Upper
65 100
92 58.2 47.1 70.7
138 81.1 70.2 105.2





#49
Acenaphthylene
Concen: 5.06 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

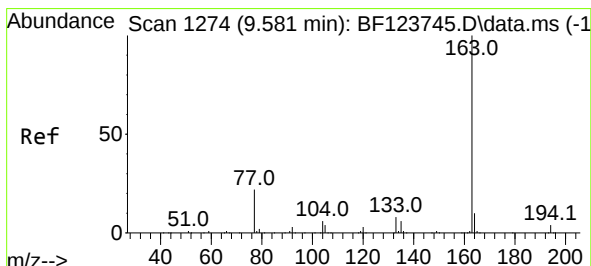
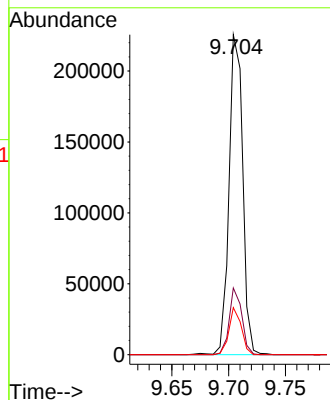
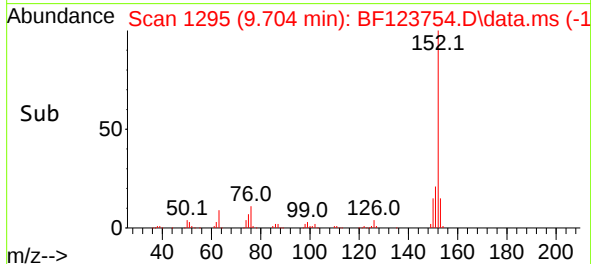
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



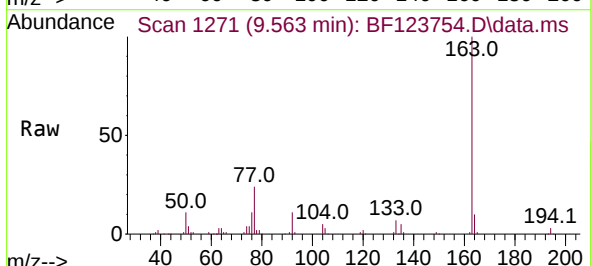
Tgt Ion:152 Resp: 189395
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 14.7 10.4 15.6

Manual Integrations
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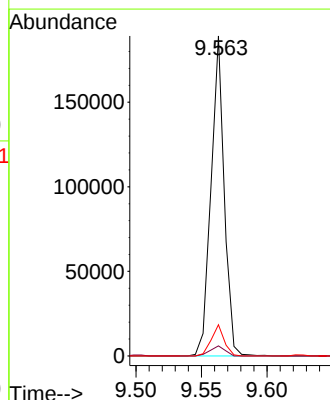
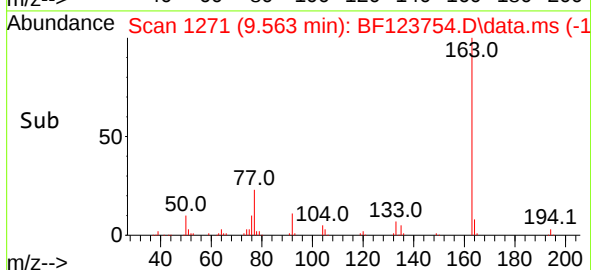
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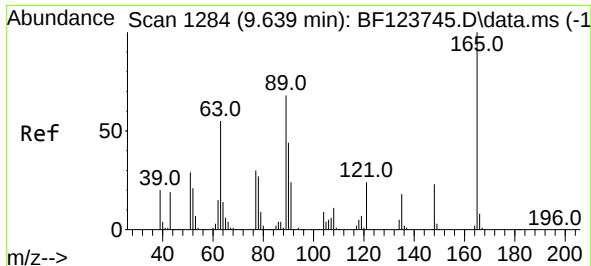


#50
Dimethylphthalate
Concen: 5.03 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:163 Resp: 132938
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 9.7 8.2 12.2





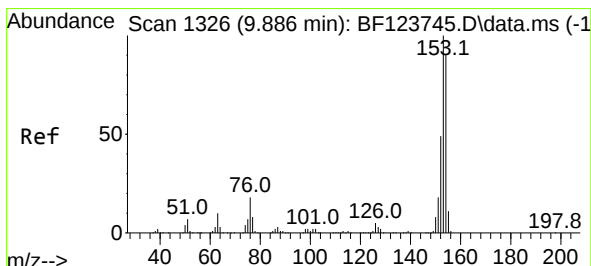
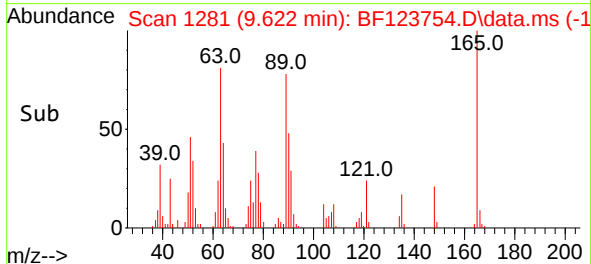
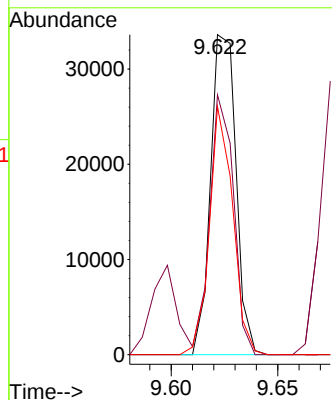
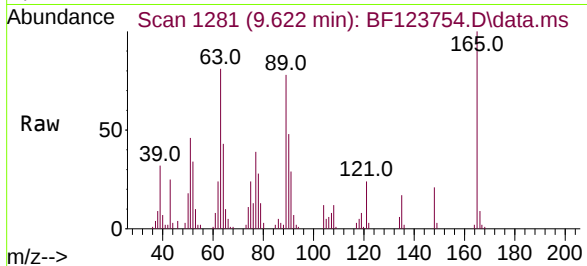
#51
2,6-Dinitrotoluene
Concen: 4.56 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:165 Resp: 27875
Ion Ratio Lower Upper
165 100
63 81.2 67.7 101.5
89 77.5 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

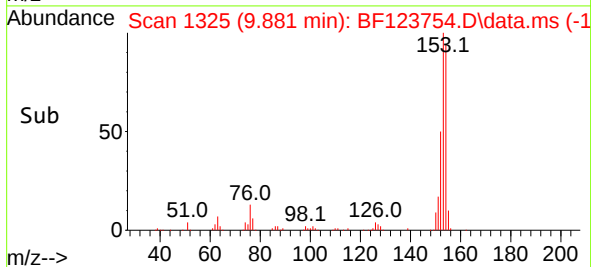
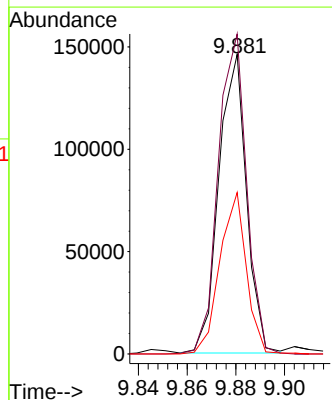
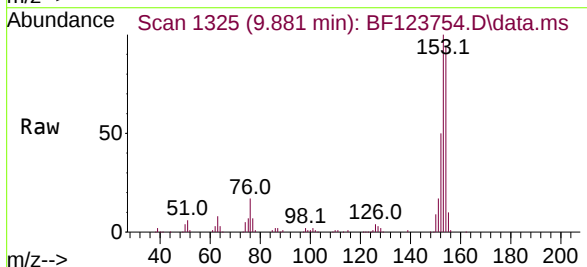
Manual Integrations
APPROVED

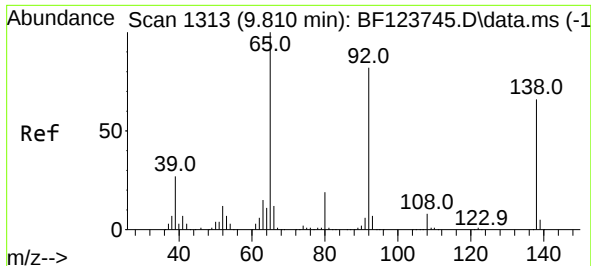
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#52
Acenaphthene
Concen: 5.04 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:154 Resp: 114977
Ion Ratio Lower Upper
154 100
153 106.8 88.1 132.1
152 53.9 43.4 65.0





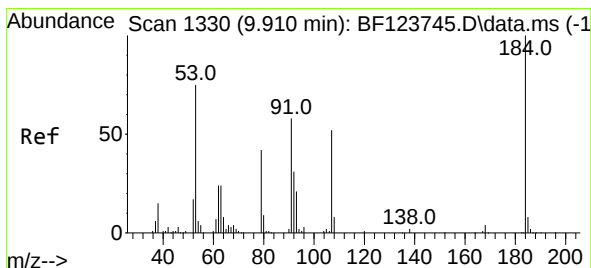
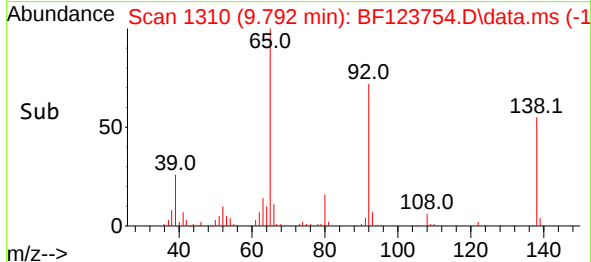
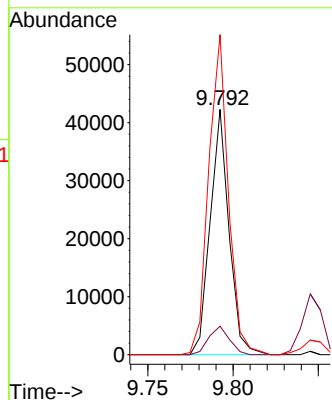
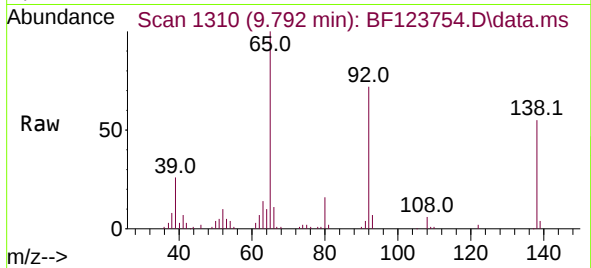
#53
3-Nitroaniline
Concen: 4.45 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:138 Resp: 32478
Ion Ratio Lower Upper
138 100
108 11.6 10.2 15.4
92 130.5 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

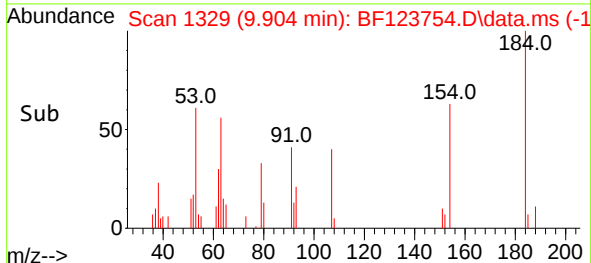
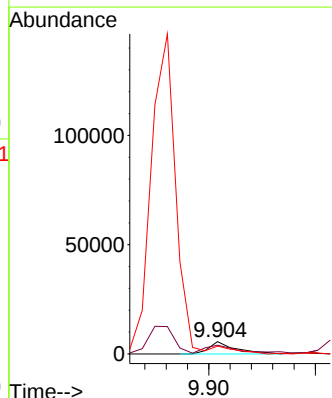
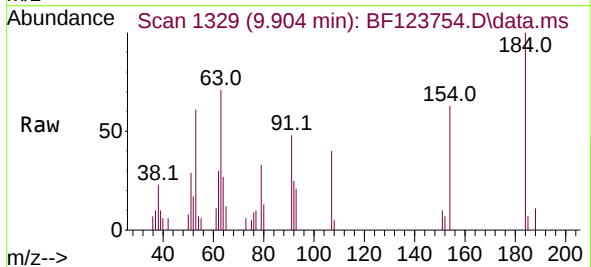
Manual Integrations
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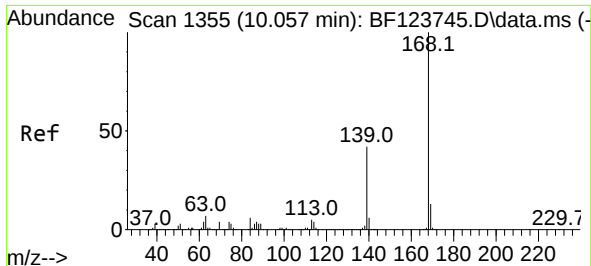
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#54
2,4-Dinitrophenol
Concen: 1.49 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

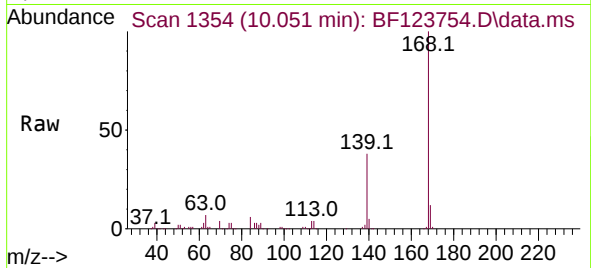
Tgt Ion:184 Resp: 4852
Ion Ratio Lower Upper
184 100
63 70.8 73.5 110.3#
154 63.1 52.5 78.7





#55
Dibenzofuran
Concen: 5.13 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

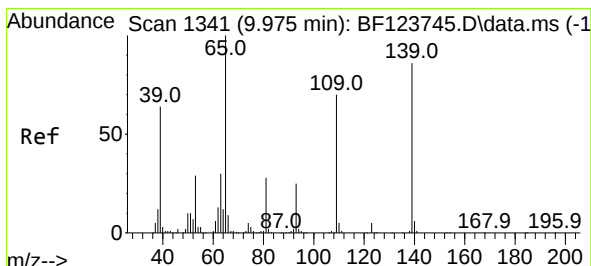
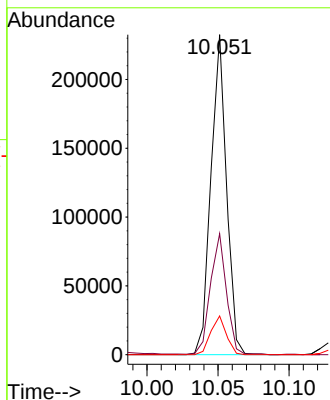
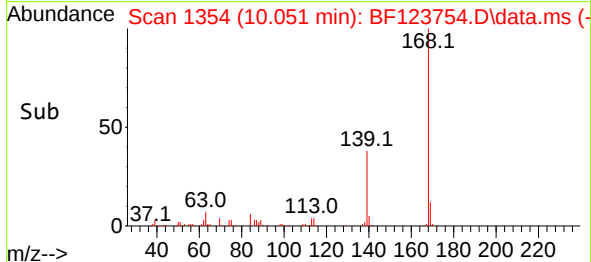
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



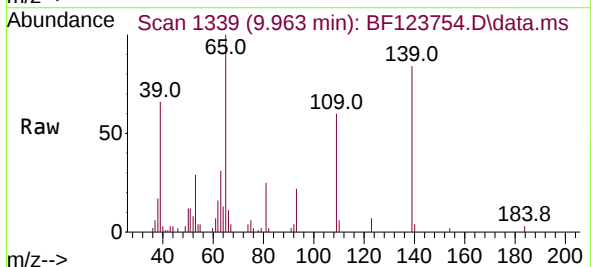
Tgt Ion:168 Resp: 176880
Ion Ratio Lower Upper
168 100
139 37.8 33.2 49.8
169 12.1 10.8 16.2

Manual Integrations
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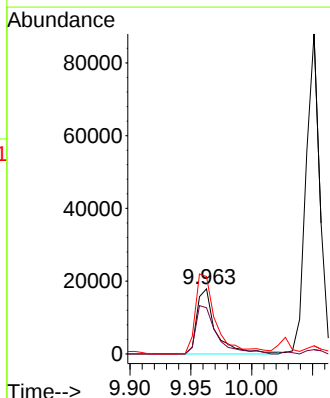
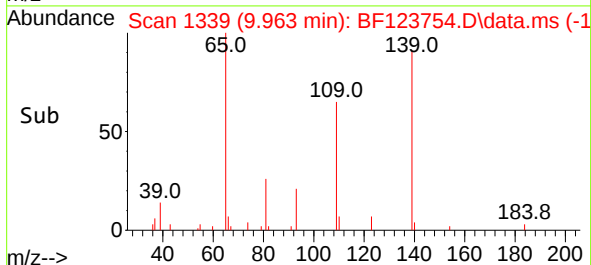
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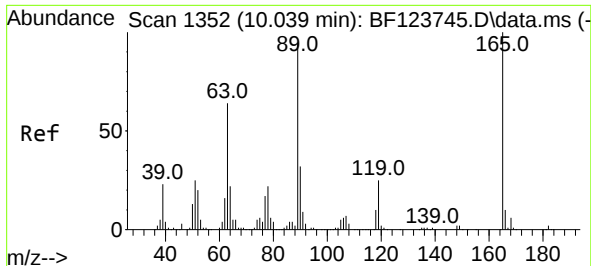


#56
4-Nitrophenol
Concen: 3.64 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:139 Resp: 19340
Ion Ratio Lower Upper
139 100
109 71.0 63.2 103.2
65 119.1 110.0 150.0





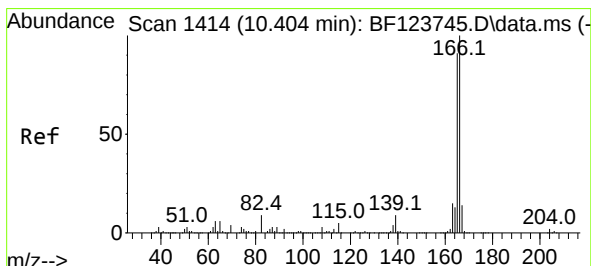
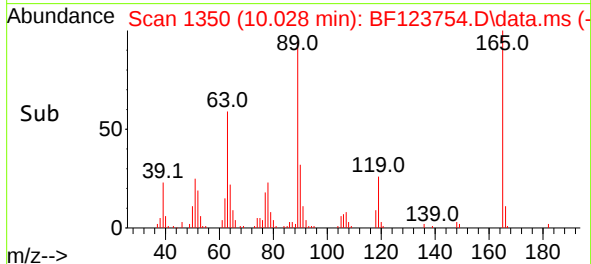
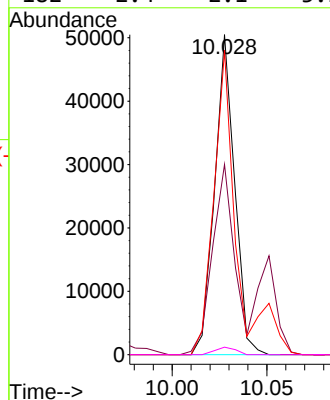
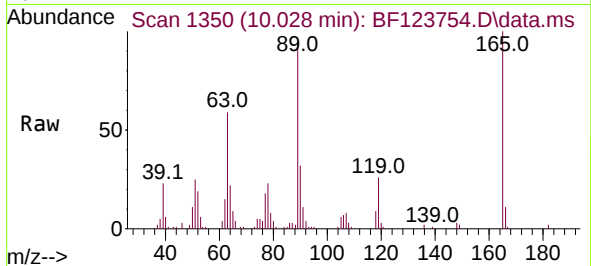
#57
2,4-Dinitrotoluene
Concen: 4.45 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	165	Resp:	37126
Ion Ratio	Lower	Upper	
165	100		
63	59.5	43.5	65.3
89	95.1	67.7	101.5
182	2.4	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

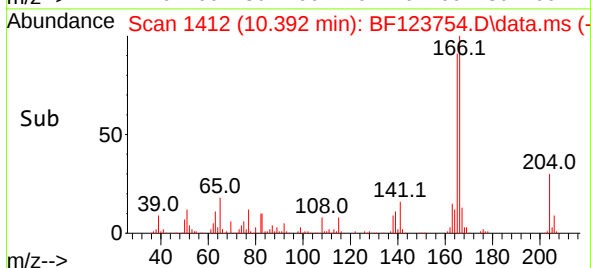
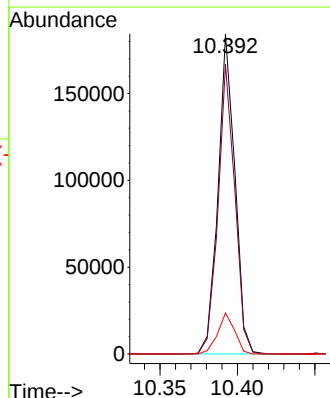
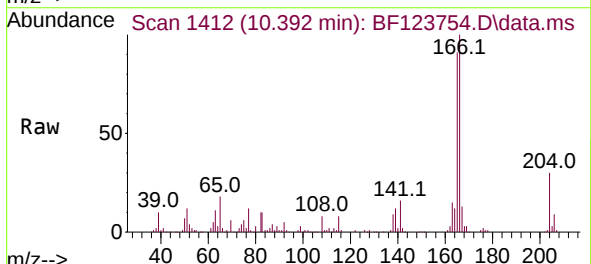
Manual Integrations
APPROVED

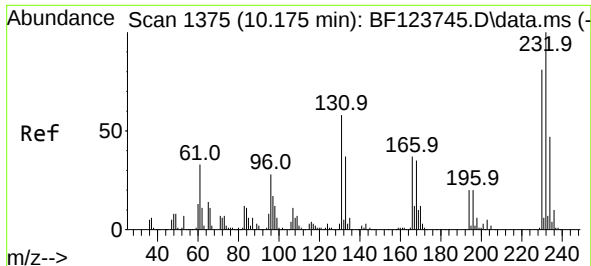
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#58
Fluorene
Concen: 5.25 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	166	Resp:	139073
Ion Ratio	Lower	Upper	
166	100		
165	90.5	73.5	110.3
167	12.8	10.7	16.1





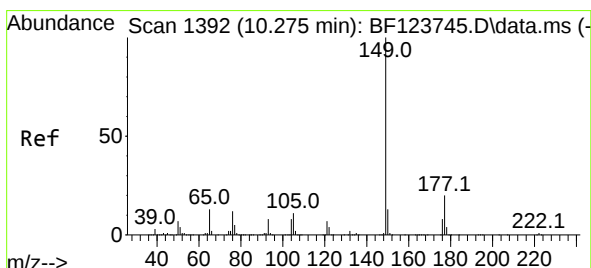
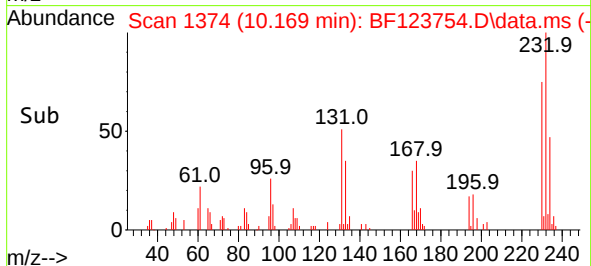
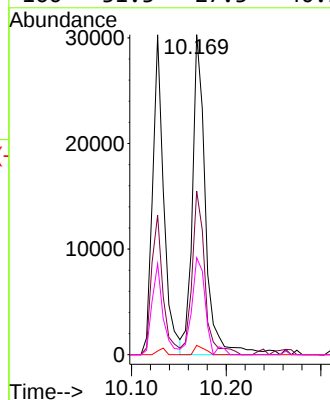
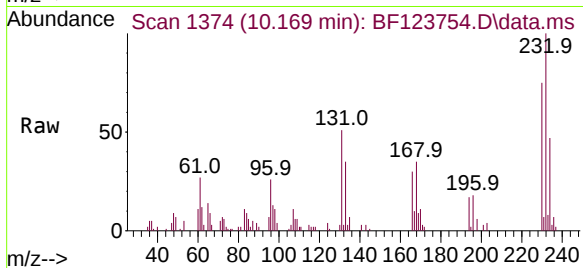
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.53 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:232 Resp: 29265
Ion Ratio Lower Upper
232 100
131 49.2 43.2 64.8
130 2.2 2.2 3.2
166 31.3 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

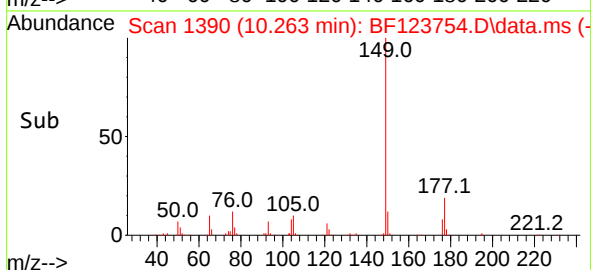
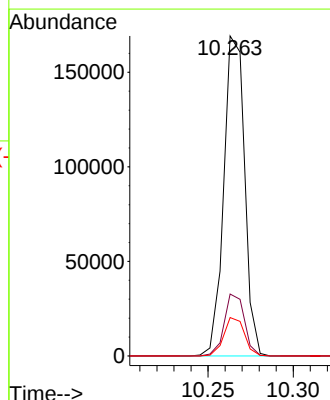
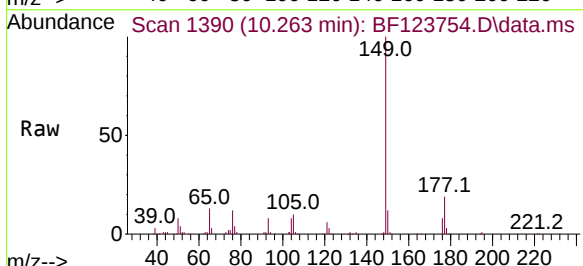
Manual Integrations
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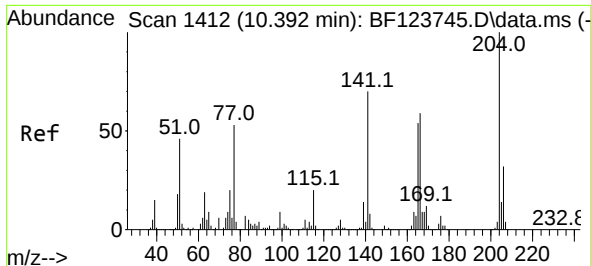
mohammad
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#60
Diethylphthalate
Concen: 5.13 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

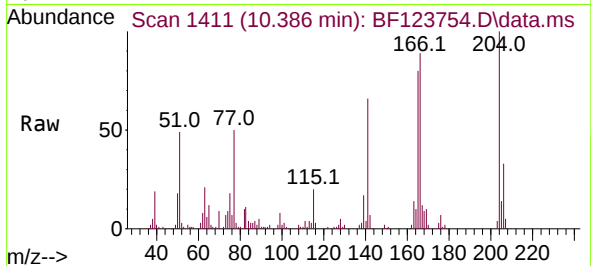
Tgt Ion:149 Resp: 144359
Ion Ratio Lower Upper
149 100
177 19.4 15.4 23.2
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 5.20 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

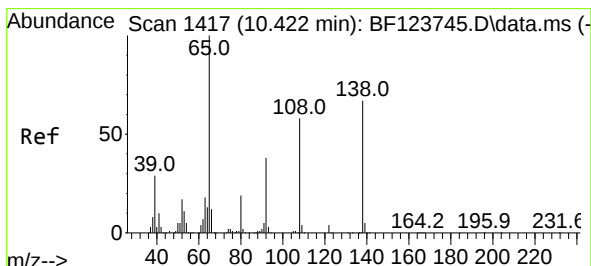
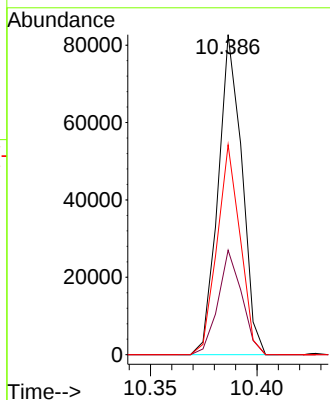
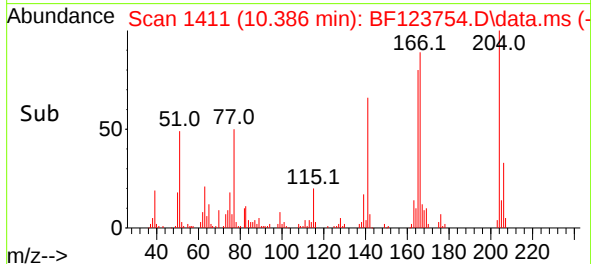
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



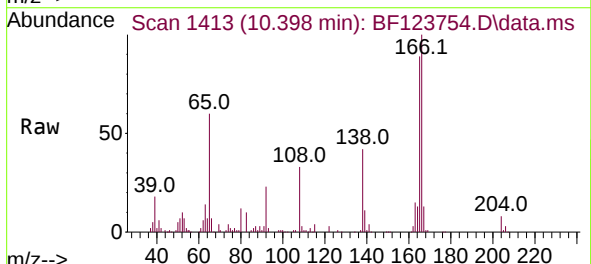
Tgt Ion:204 Resp: 64294
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 65.6 55.5 83.3

Manual Integrations
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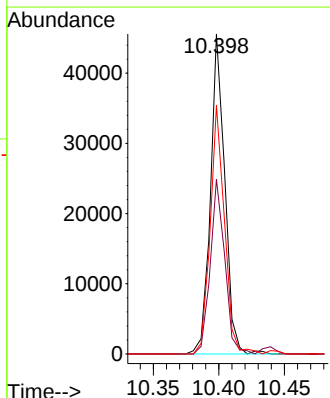
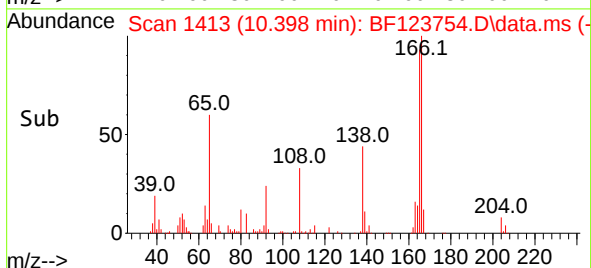
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#62
4-Nitroaniline
Concen: 4.79 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.024 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:138 Resp: 34662
Ion Ratio Lower Upper
138 100
92 54.6 35.8 75.8
108 77.6 63.6 103.6





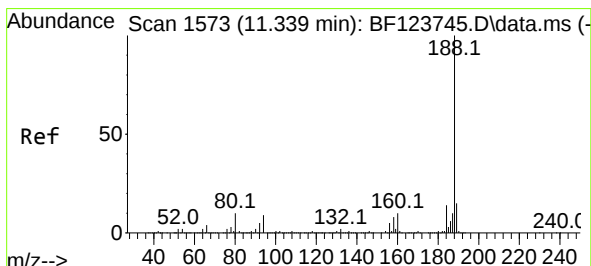
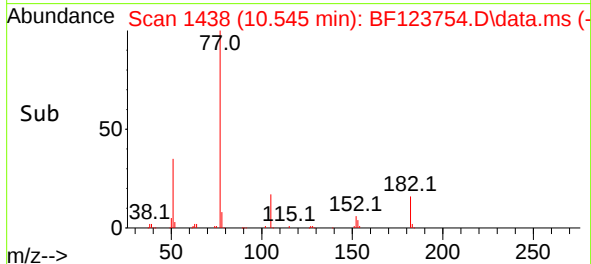
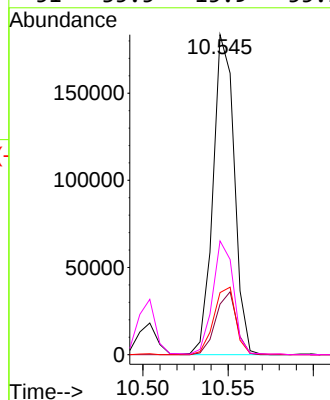
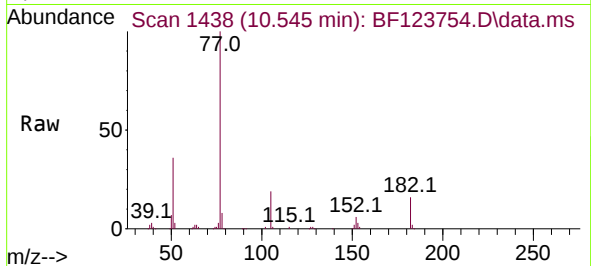
#63
Azobenzene
Concen: 4.92 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	77	Resp:	159204
Ion Ratio	Lower	Upper	
77	100		
182	15.8	1.7	41.7
105	19.4	1.7	41.7
51	35.5	15.9	55.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

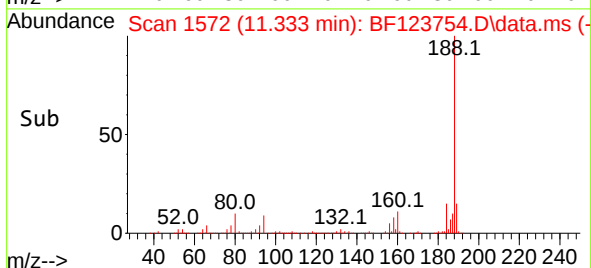
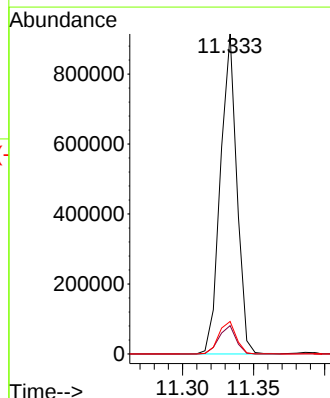
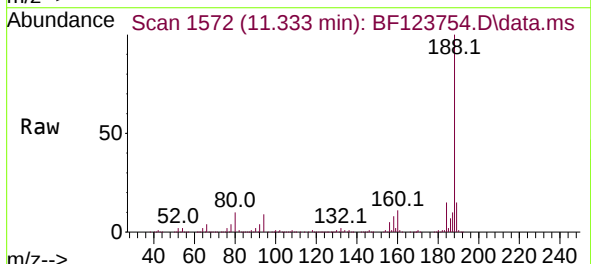
Manual Integrations
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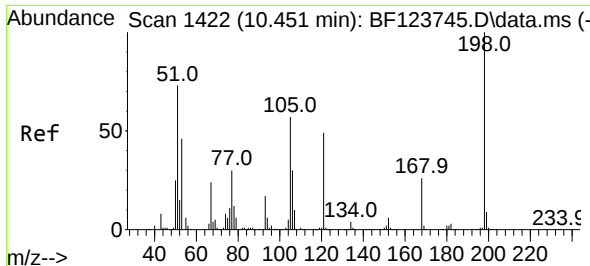
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	188	Resp:	733714
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.9	10.3
80	10.2	8.2	12.2





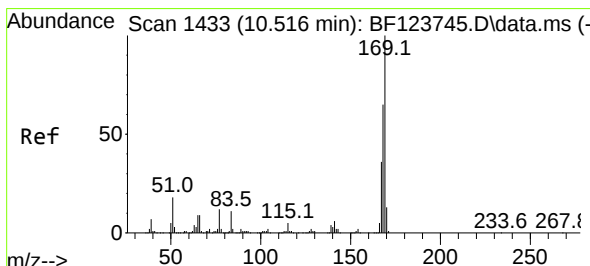
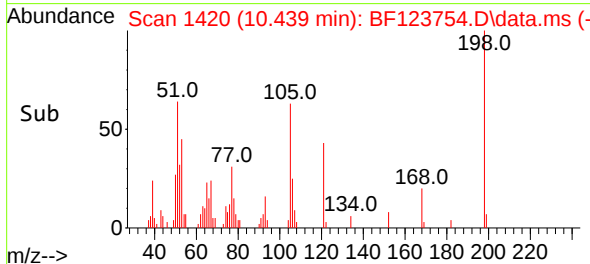
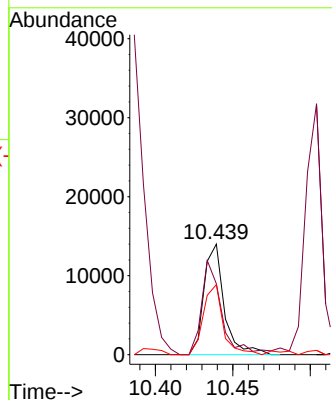
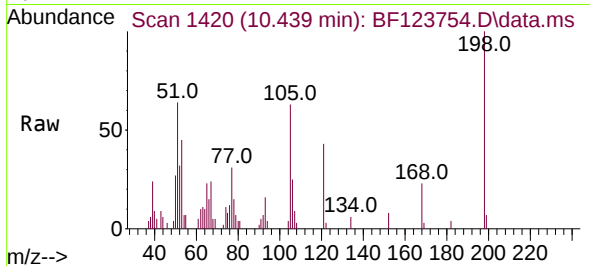
#65
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.1	64.8	104.8#
105	63.3	42.6	82.6

Instrument :
BNA_F
ClientSampleId :
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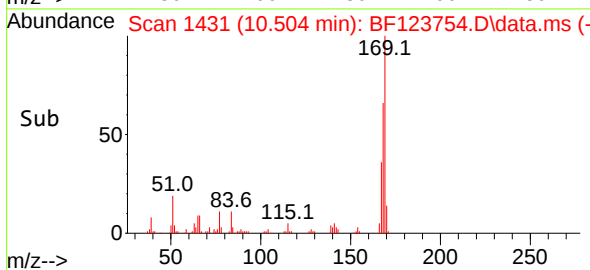
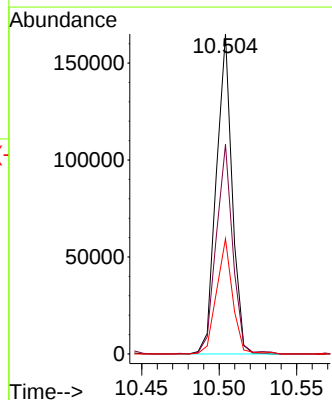
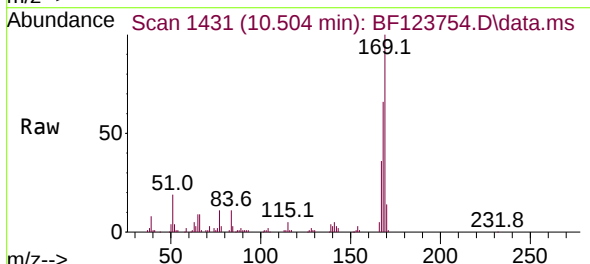
Manual Integrations
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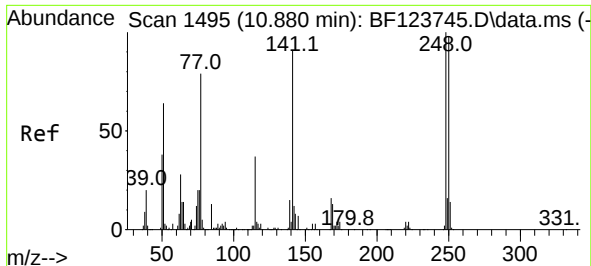
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#66
n-Nitrosodiphenylamine
Concen: 4.88 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

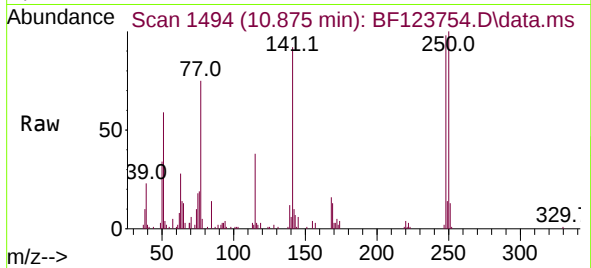
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.3	79.9
167	36.0	29.9	44.9





#67
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

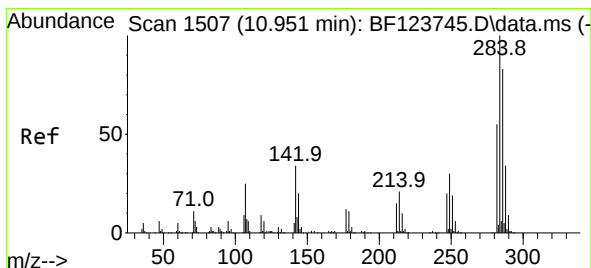
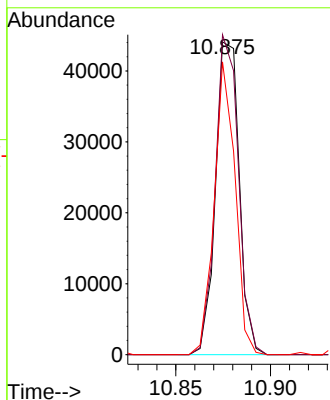
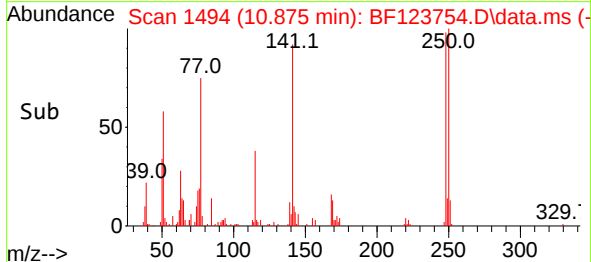
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



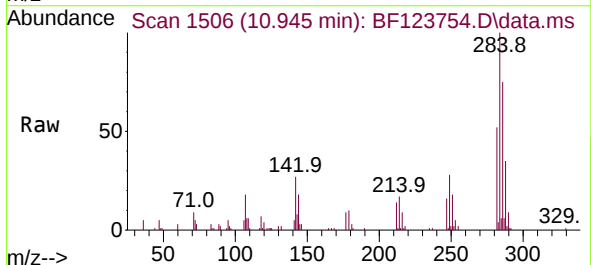
Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.3	77.4	116.2
141	93.6	63.7	95.5

Manual Integrations
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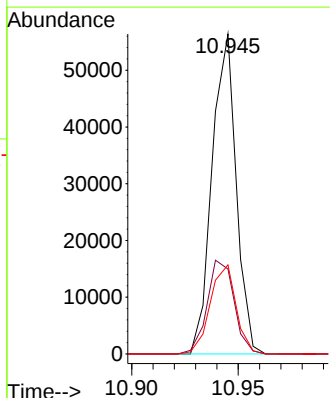
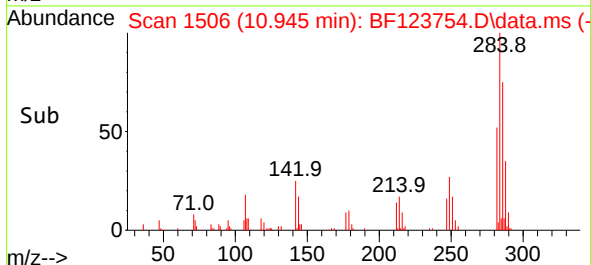
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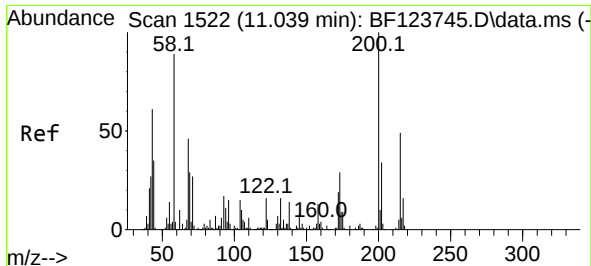


#68
Hexachlorobenzene
Concen: 5.05 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	28.3	42.5#
249	29.7	23.5	35.3





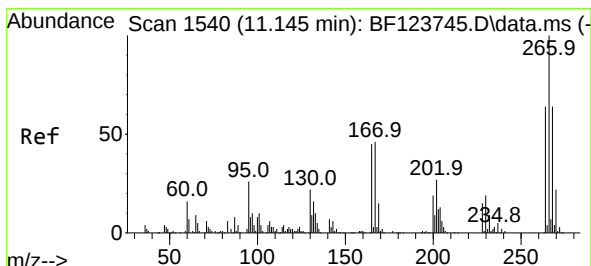
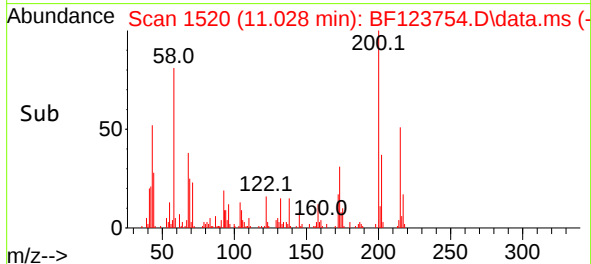
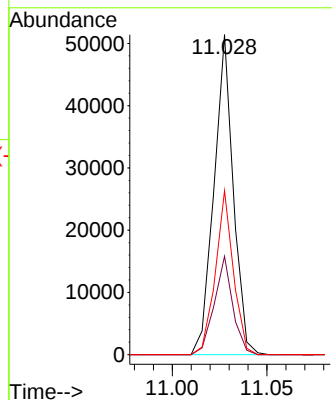
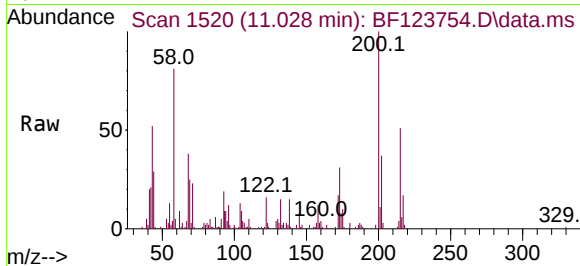
#69
Atrazine
Concen: 5.01 ng
RT: 11.028 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:	200	Resp:	36384
Ion Ratio	Lower	Upper	
200	100		
173	30.8	6.9	46.9
215	51.3	26.5	66.5

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

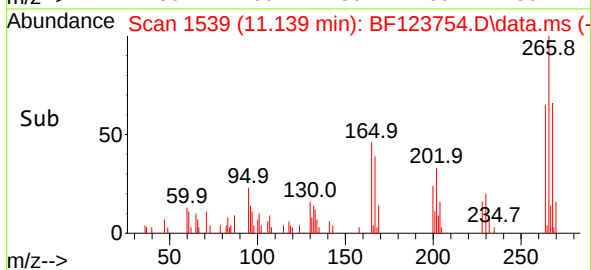
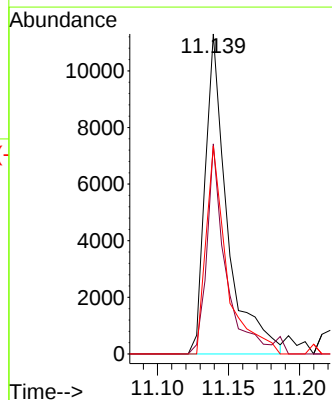
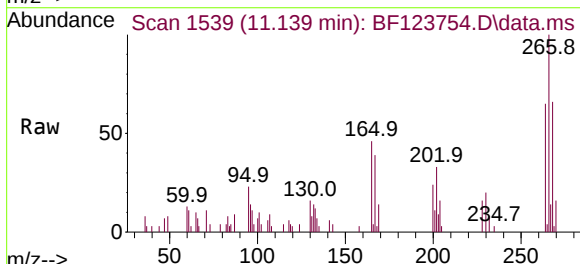
Manual Integrations
APPROVED

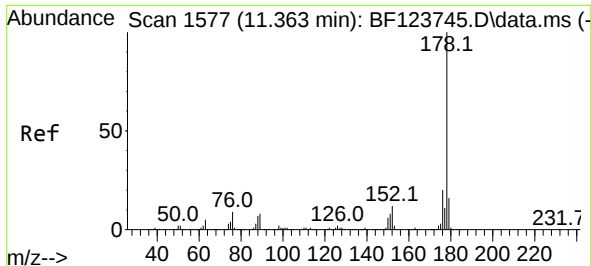
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#70
Pentachlorophenol
Concen: 2.74 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

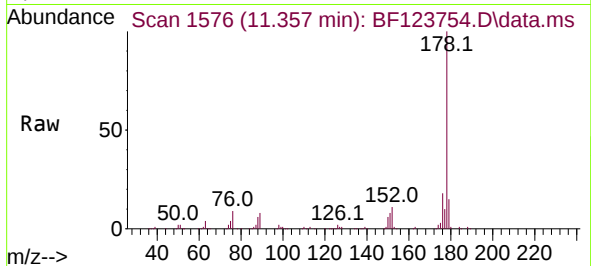
Tgt Ion:	266	Resp:	12285
Ion Ratio	Lower	Upper	
266	100		
268	68.6	51.6	77.4
264	65.0	52.6	78.8





#71
Phenanthrene
Concen: 5.22 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

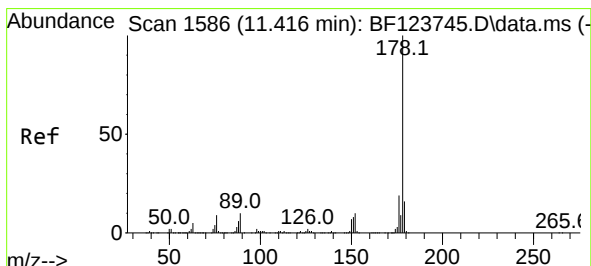
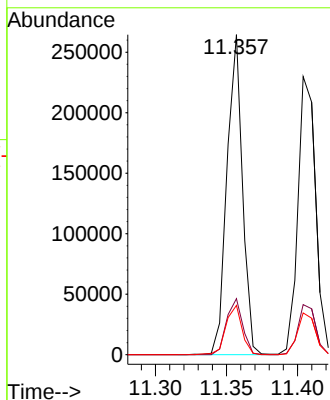
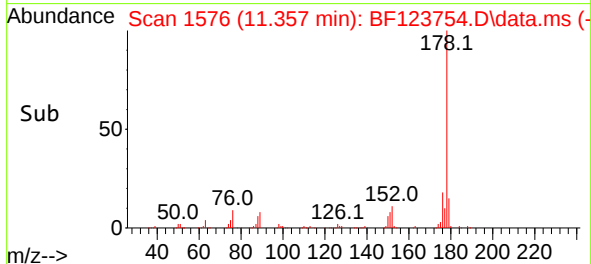
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



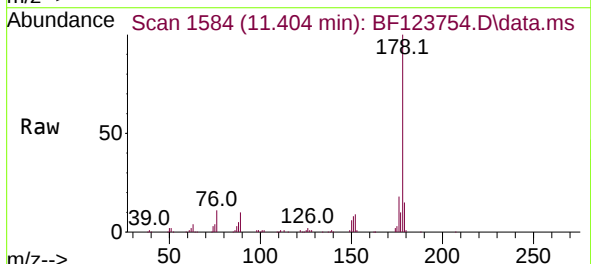
Tgt Ion:178 Resp: 200968
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 15.4 12.5 18.7

Manual Integrations
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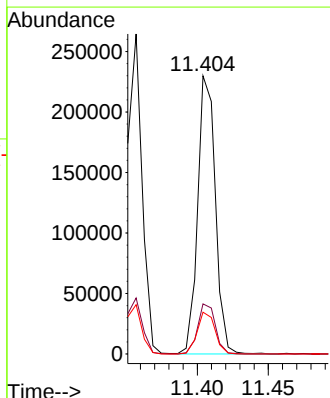
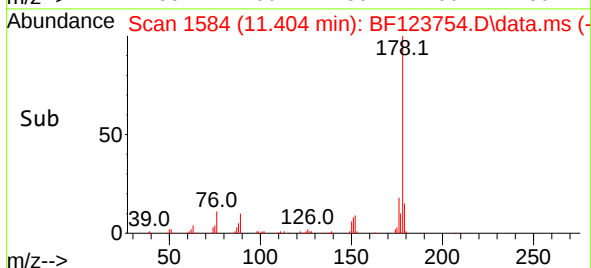
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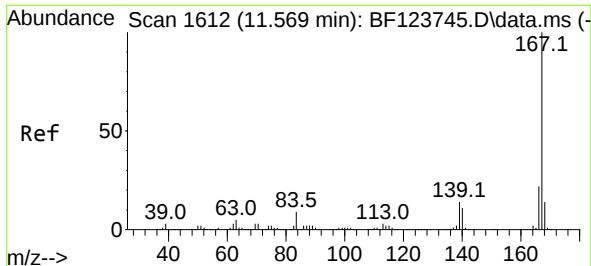


#72
Anthracene
Concen: 5.21 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



Tgt Ion:178 Resp: 199410
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 15.0 12.6 18.8





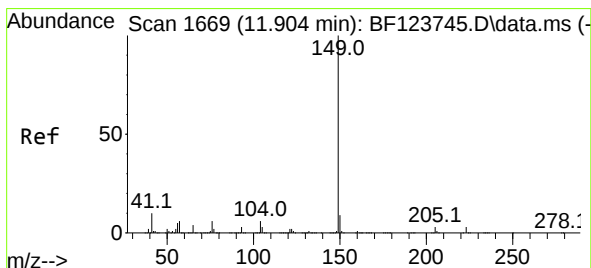
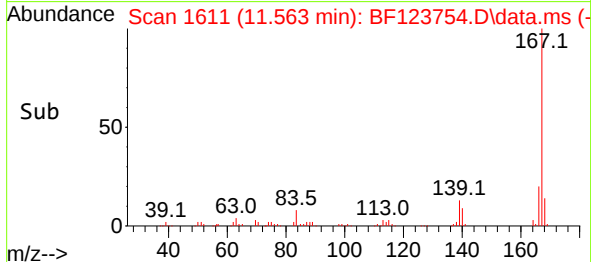
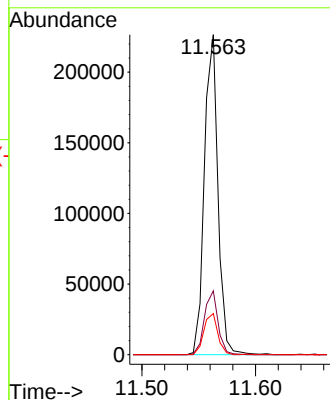
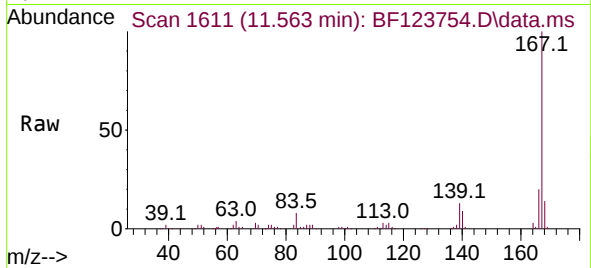
#73
Carbazole
Concen: 4.85 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:167 Resp: 187674
Ion Ratio Lower Upper
167 100
166 20.0 17.0 25.6
139 12.8 10.4 15.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

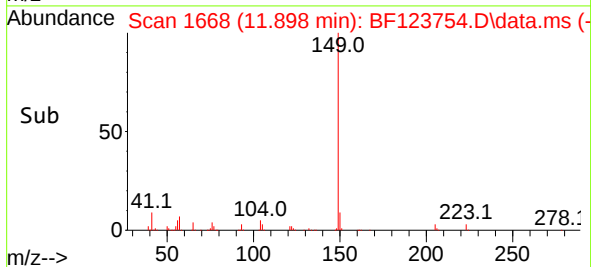
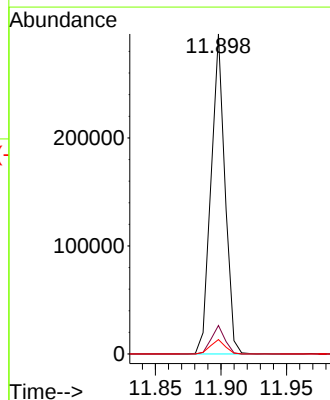
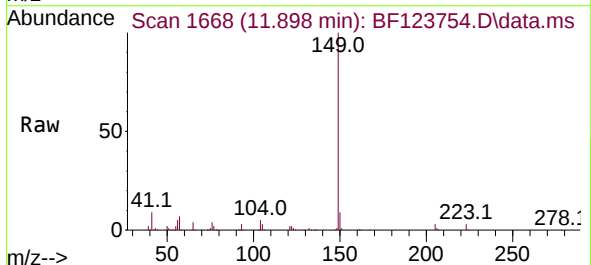
Manual Integrations
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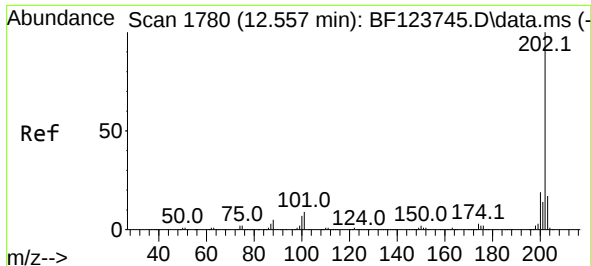
mohammad
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#74
Di-n-butylphthalate
Concen: 5.05 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

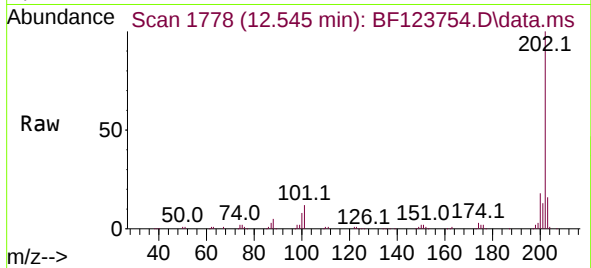
Tgt Ion:149 Resp: 219121
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.8
104 4.5 4.6 6.8#





#75
Fluoranthene
Concen: 4.93 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

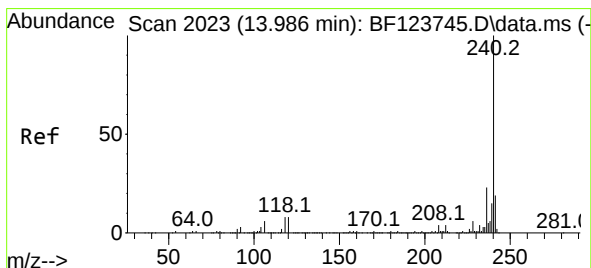
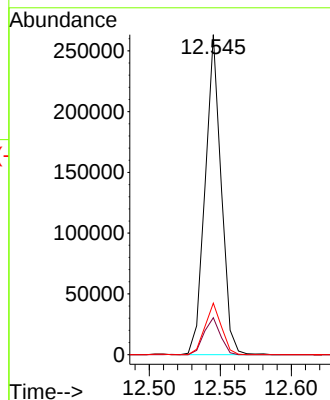
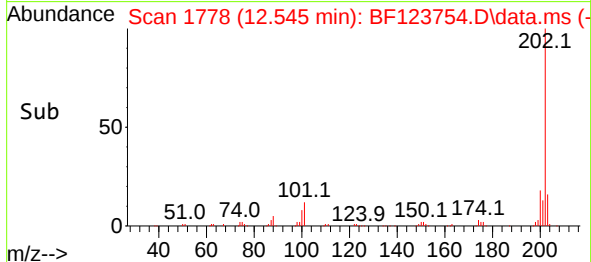
Instrument :
BNA_F
ClientSampleId :
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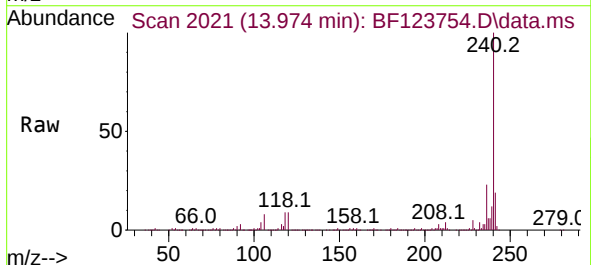
Tgt Ion:202 Resp: 206913
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.9
203 16.1 0.0 37.5

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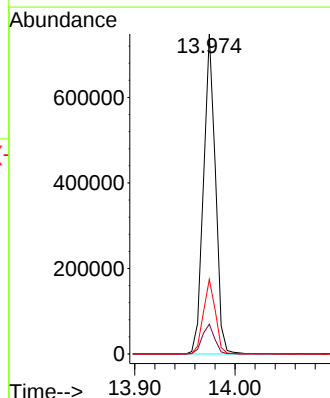
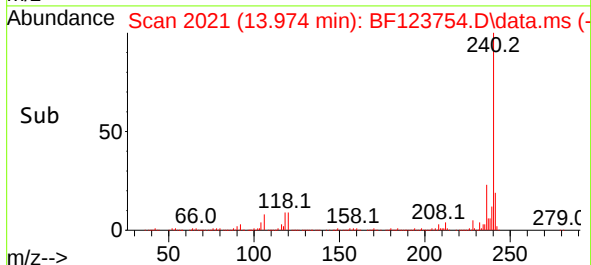
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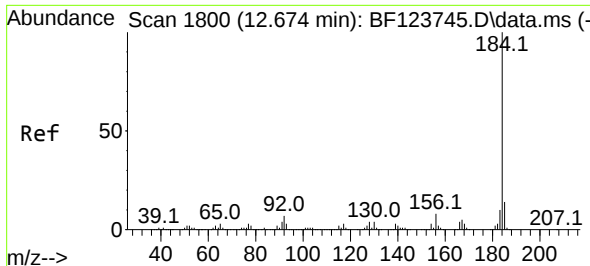


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



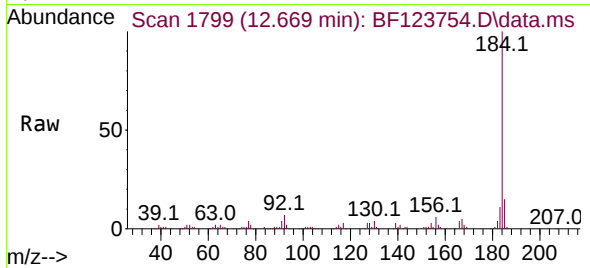
Tgt Ion:240 Resp: 619849
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 23.3 19.0 28.4





#77
Benzidine
Concen: 7.22 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

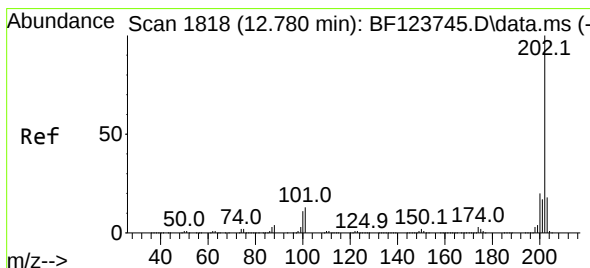
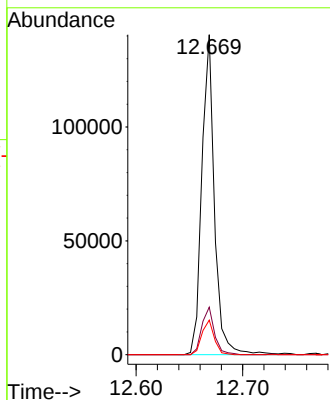
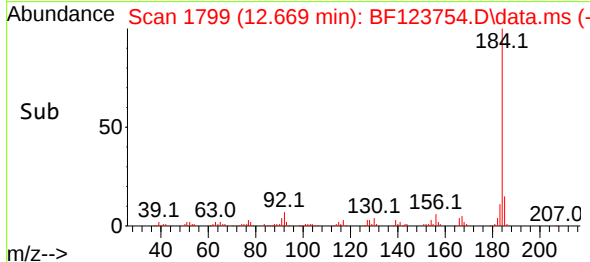
Instrument :
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ClientSampleId :
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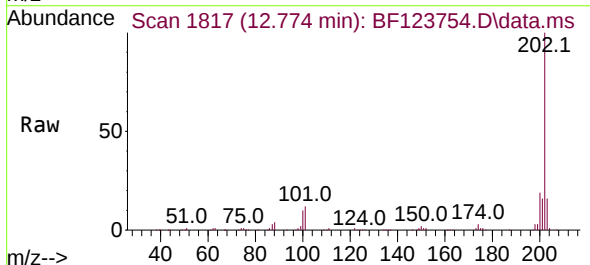
Tgt Ion:184 Resp: 115927
Ion Ratio Lower Upper
184 100
185 14.9 12.1 18.1
183 10.8 7.8 11.8

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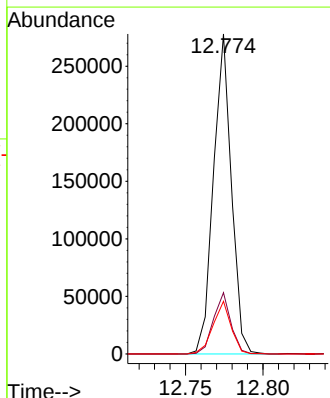
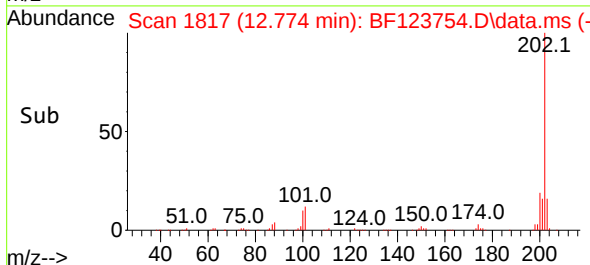
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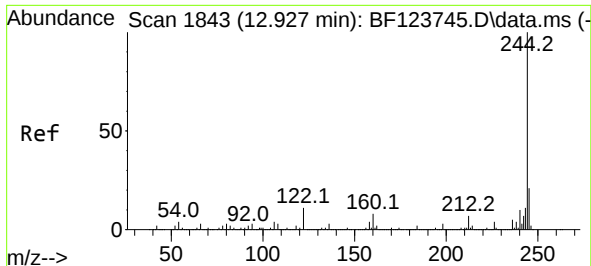


#78
Pyrene
Concen: 4.64 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

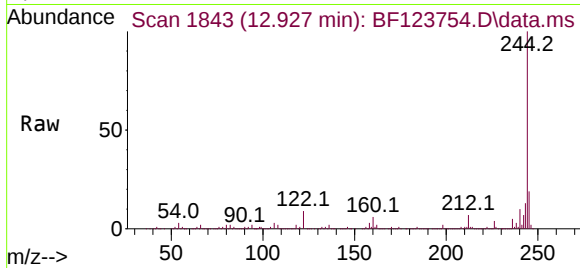


Tgt Ion:202 Resp: 223196
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 16.5 14.8 22.2

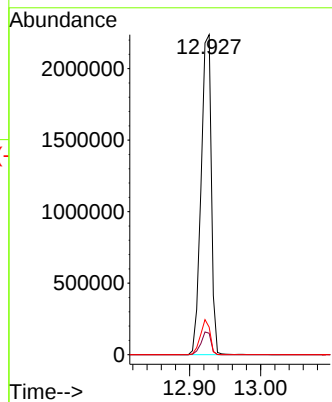
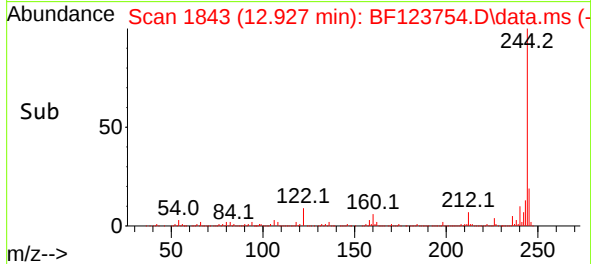




#79
Terphenyl-d14
Concen: 69.74 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



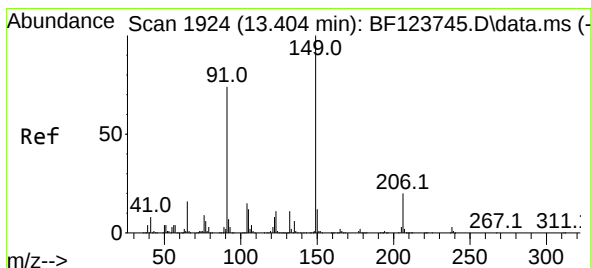
Tgt Ion:244 Resp: 2245041
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.6 9.7 14.5#



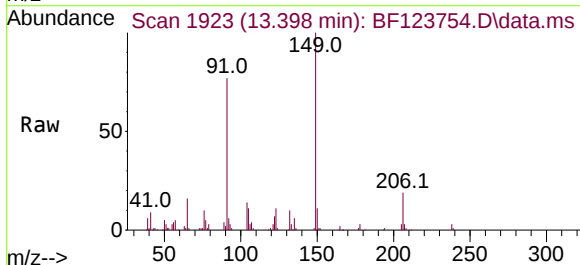
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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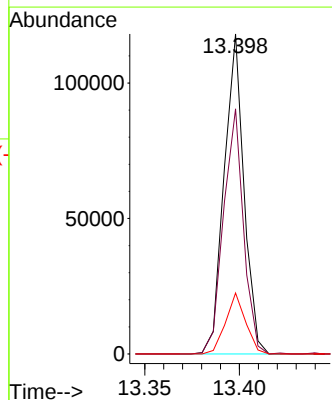
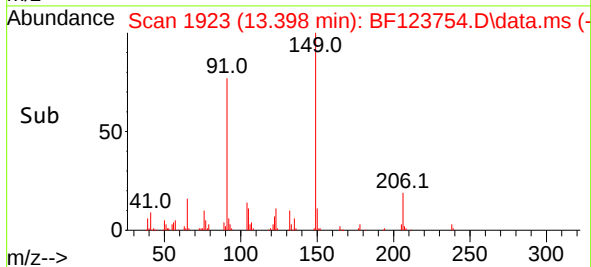
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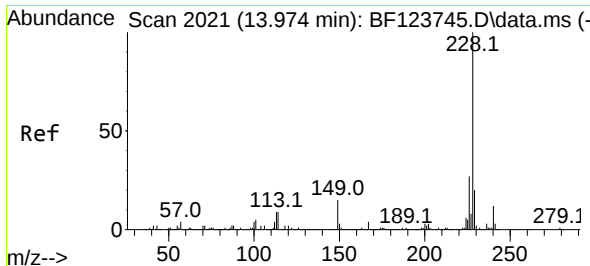


#80
Butylbenzylphthalate
Concen: 4.18 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

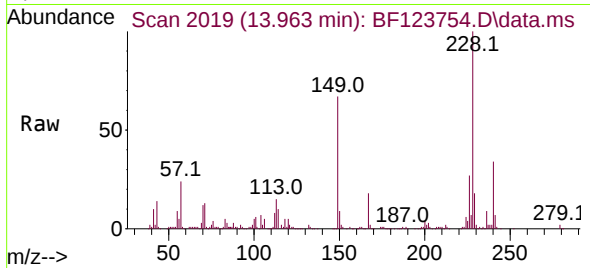


Tgt Ion:149 Resp: 85925
Ion Ratio Lower Upper
149 100
91 76.6 63.6 95.4
206 19.1 14.5 21.7

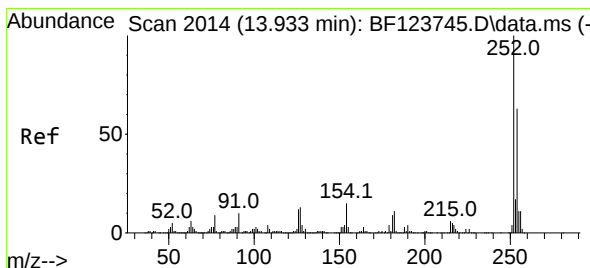
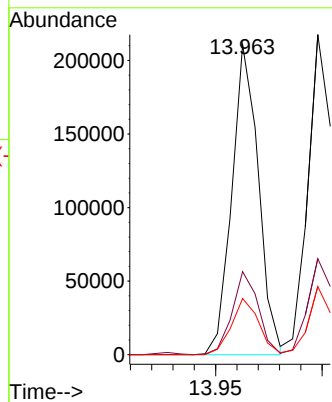
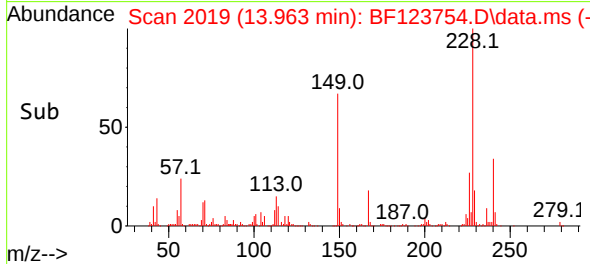




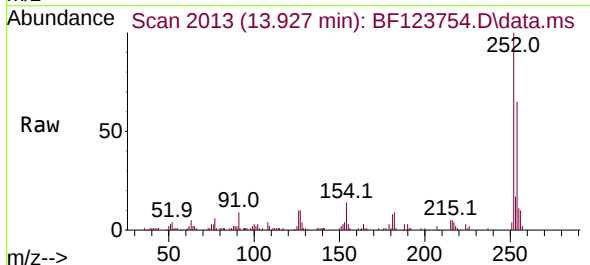
#81
Benzo(a)anthracene
Concen: 4.85 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



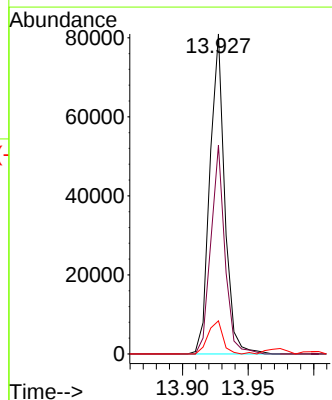
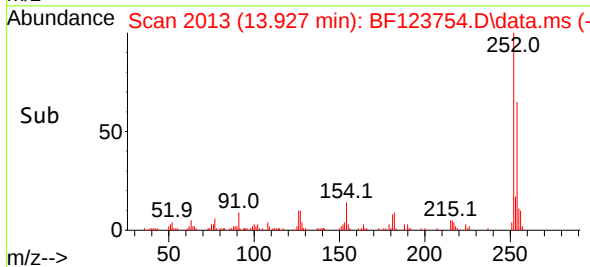
Tgt Ion:228 Resp: 182329
Ion Ratio Lower Upper
228 100
226 26.8 22.4 33.6
229 18.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 5.53 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



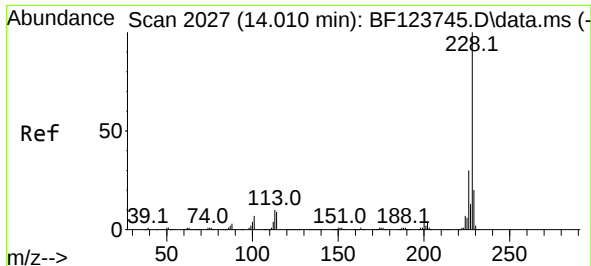
Tgt Ion:252 Resp: 63798
Ion Ratio Lower Upper
252 100
254 65.3 51.1 76.7
126 10.4 7.7 11.5



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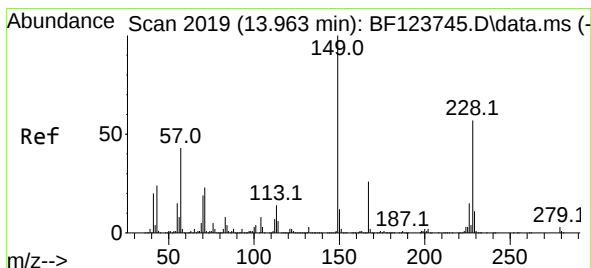
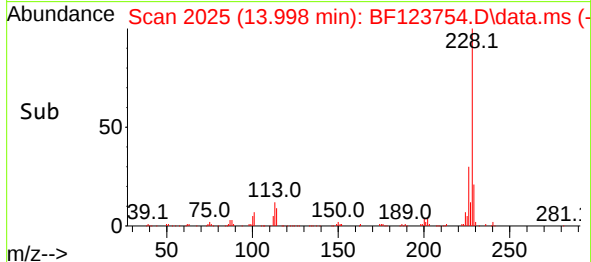
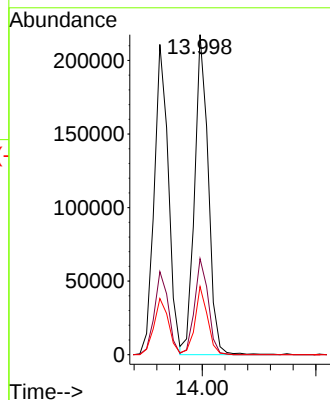
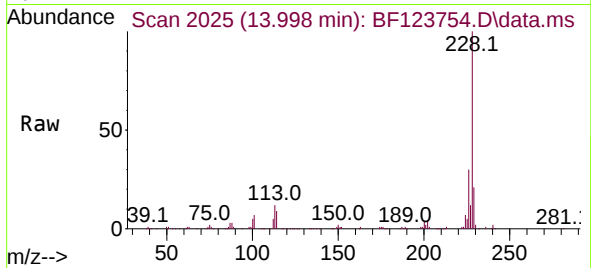
#83
Chrysene
Concen: 4.83 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:228 Resp: 182337
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.3 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

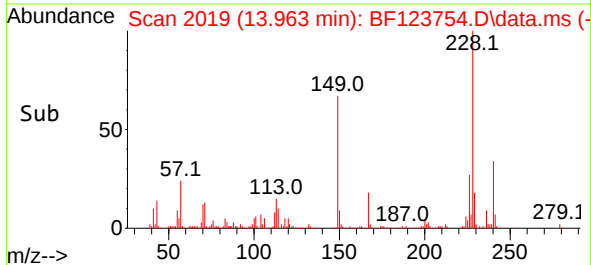
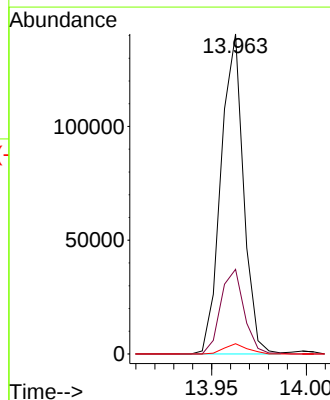
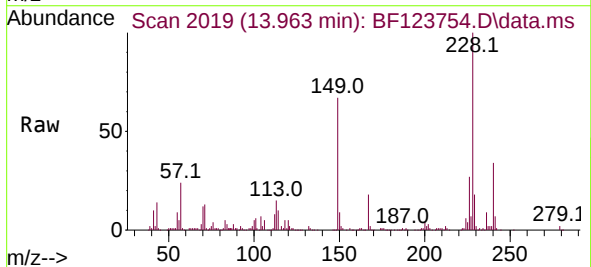
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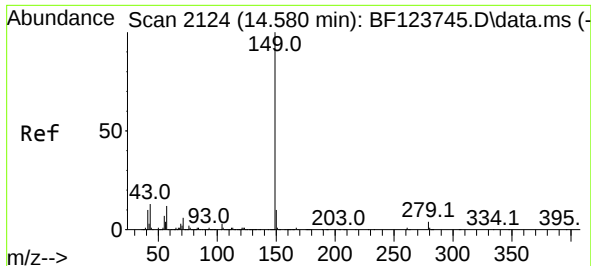
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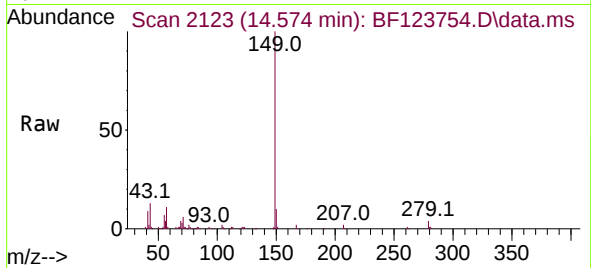
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.57 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:149 Resp: 116572
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 3.2 3.3 4.9#

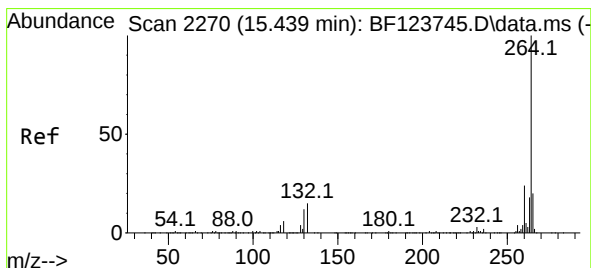
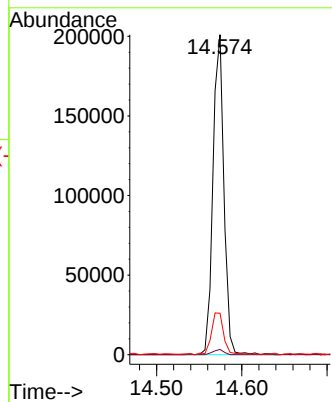
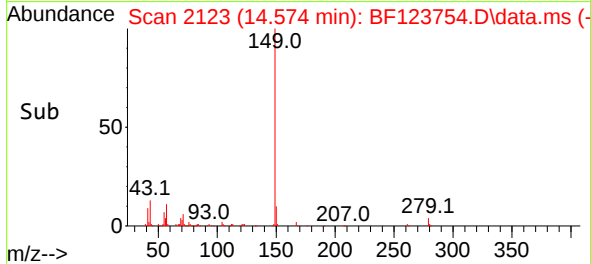




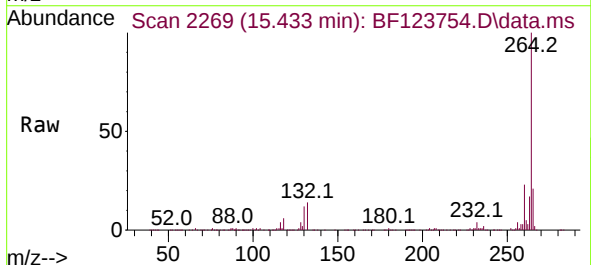
#85
Di-n-octyl phthalate
Concen: 4.39 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



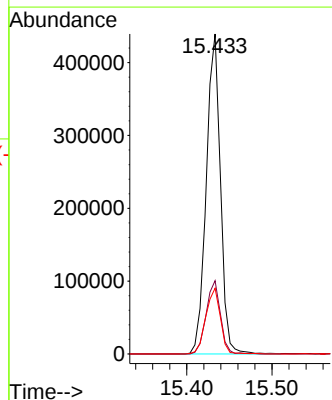
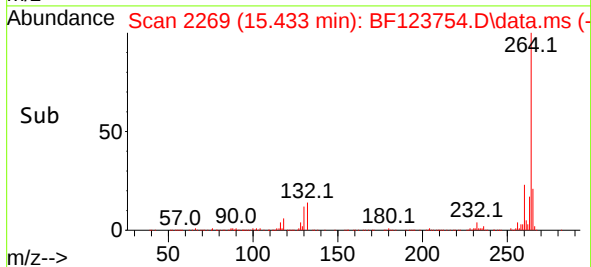
Tgt Ion:149 Resp: 179298
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.0 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



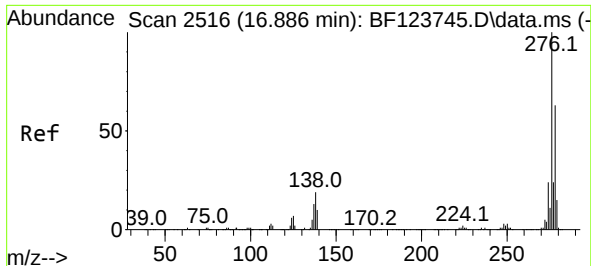
Tgt Ion:264 Resp: 507732
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 20.6 17.8 26.8



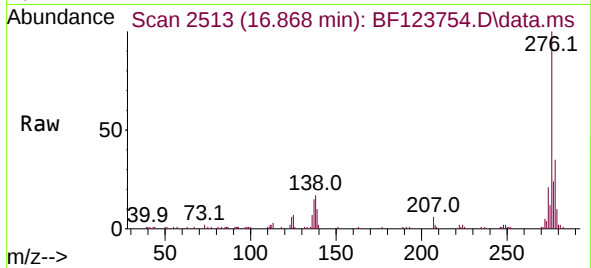
Instrument :
BNA_F
ClientSampleId :
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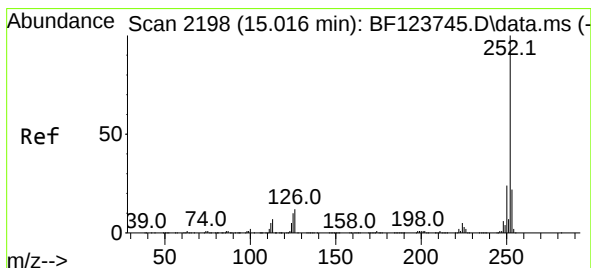
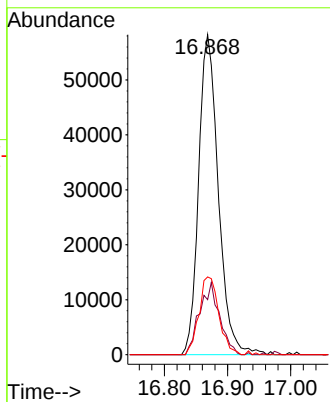
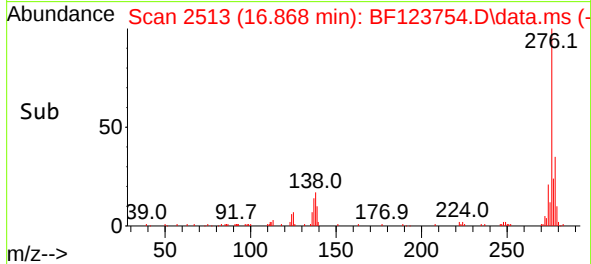
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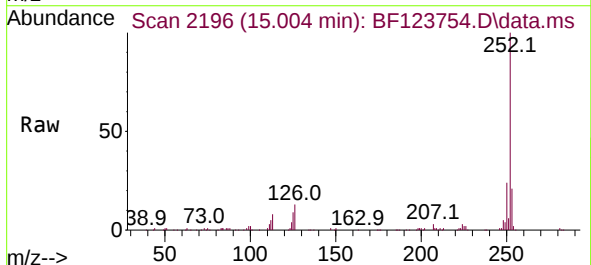
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.26 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



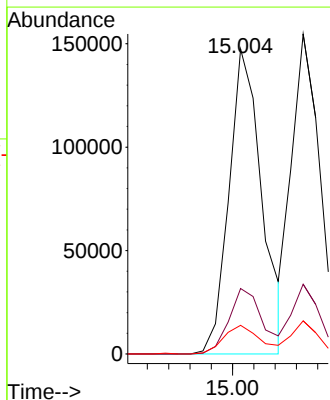
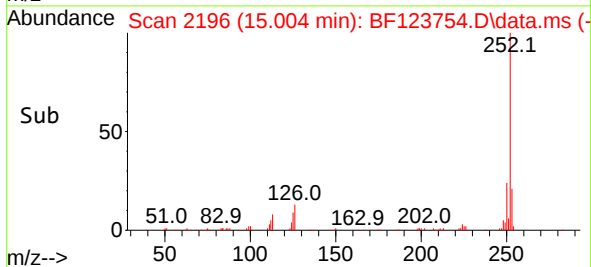
Tgt Ion: 276 Resp: 126064
Ion Ratio Lower Upper
276 100
138 22.8 16.2 24.2
277 24.5 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 4.64 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25



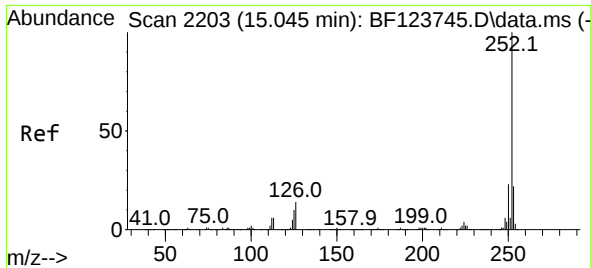
Tgt Ion: 252 Resp: 158804
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 9.4 6.2 9.4#



Instrument :
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ClientSampleId :
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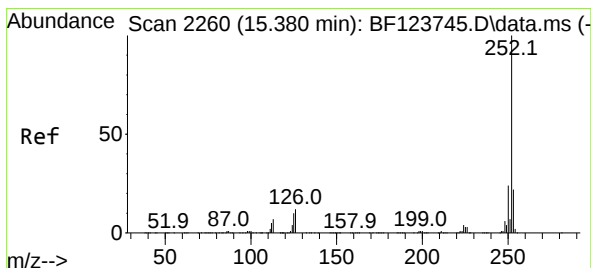
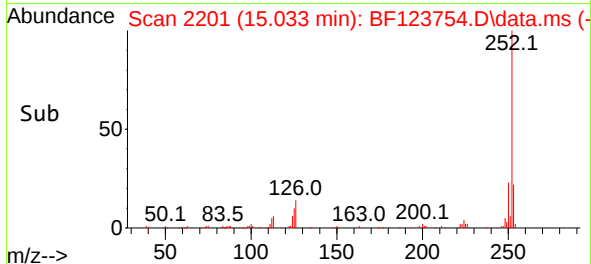
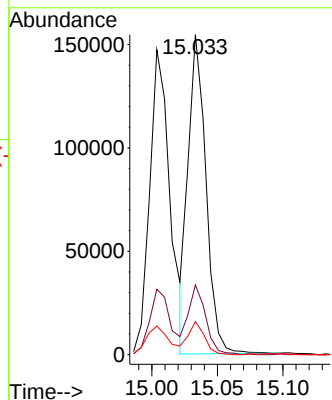
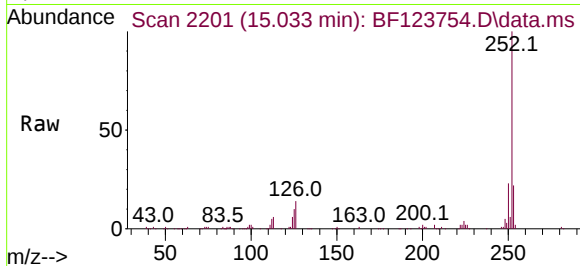
#89
Benzo(k)fluoranthene
Concen: 4.46 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:252 Resp: 145737
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.4 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

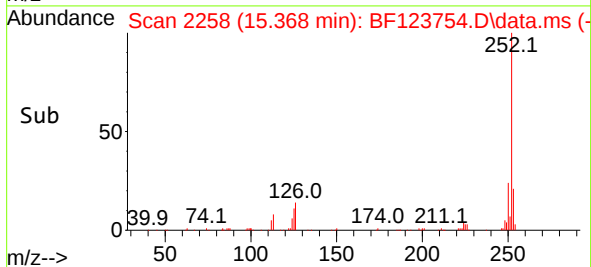
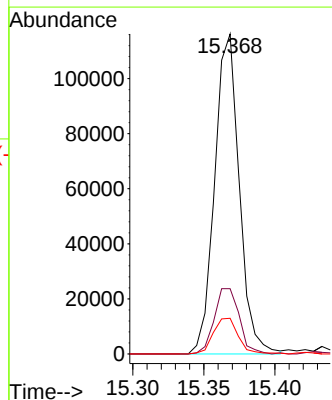
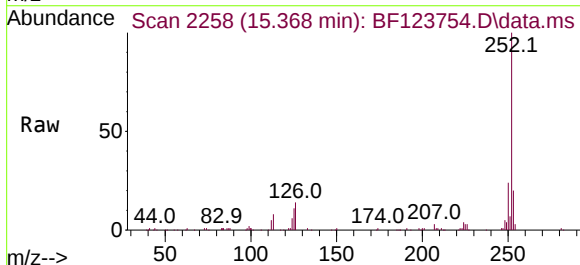
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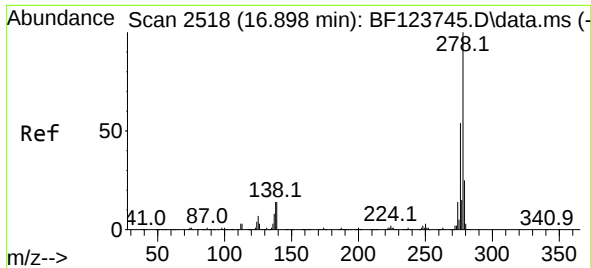
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#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion:252 Resp: 139912
Ion Ratio Lower Upper
252 100
253 20.4 18.4 27.6
125 11.2 8.0 12.0





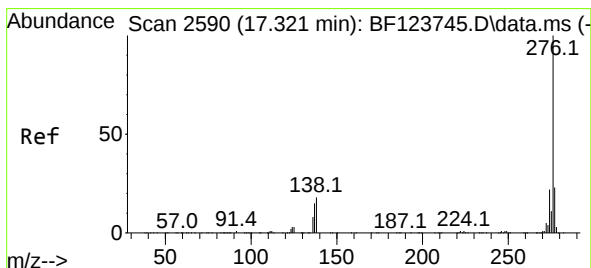
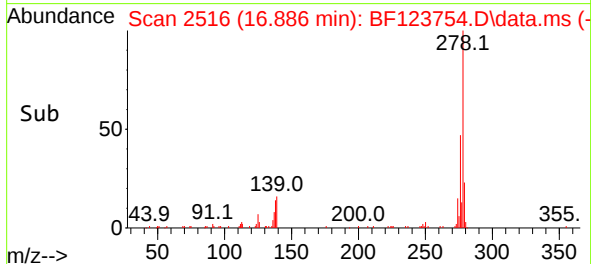
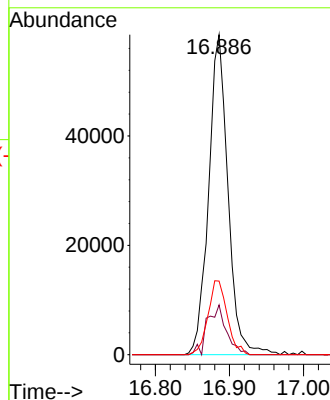
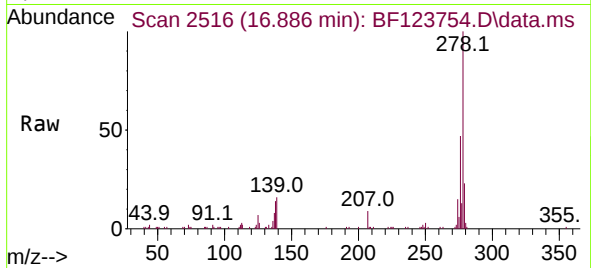
#91
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 278 Resp: 106160
Ion Ratio Lower Upper
278 100
139 15.6 10.2 15.2#
279 23.0 19.4 29.0

Instrument :
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ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 4.06 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.024 min
Lab File: BF123754.D
Acq: 28 Apr 2021 10:25

Tgt Ion: 276 Resp: 101571
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 18.7 13.8 20.6

