

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124021.D
 Acq On : 21 May 2021 16:41
 Operator : JU/CG
 Sample : M2366-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-AMS

Manual Integrations
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Quant Time: May 21 17:12:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	47826	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	178121	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	101997	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	205560	20.00	ng	-0.01
76) Chrysene-d12	14.063	240	140650	20.00	ng	0.00
86) Perylene-d12	15.545	264	123010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	389199	114.26	ng	0.02
7) Phenol-d6	6.522	99	455714	103.13	ng	0.00
23) Nitrobenzene-d5	7.457	82	384244	92.94	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	195900	159.91	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	717327	86.55	ng	-0.01
79) Terphenyl-d14	13.004	244	937988	101.00	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	49961	33.40	ng	# 73
3) Pyridine	3.557	79	109484	28.36	ng	91
4) n-Nitrosodimethylamine	3.499	42	100406	40.04	ng	89
6) Aniline	6.551	93	51613	10.29	ng	# 83
8) 2-Chlorophenol	6.675	128	146397	41.30	ng	98
9) Benzaldehyde	6.439	77	76887	40.21	ng	88
10) Phenol	6.534	94	177532	39.75	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	142235	40.98	ng	97
12) 1,3-Dichlorobenzene	6.834	146	138273	33.48	ng	95
13) 1,4-Dichlorobenzene	6.910	146	143583	33.98	ng	96
14) 1,2-Dichlorobenzene	7.063	146	142890	36.19	ng	97
15) Benzyl Alcohol	7.034	79	164090	42.99	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	276860	39.62	ng	97
17) 2-Methylphenol	7.145	107	124417	43.28	ng	92
18) Hexachloroethane	7.404	117	54510	34.81	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	128755	43.12	ng	95
20) 3+4-Methylphenols	7.298	107	161068	42.54	ng	# 80
22) Acetophenone	7.304	105	222848	44.06	ng	# 97
24) Nitrobenzene	7.475	77	182548	43.19	ng	99
25) Isophorone	7.716	82	330339	41.54	ng	97
26) 2-Nitrophenol	7.792	139	81387	51.18	ng	87
27) 2,4-Dimethylphenol	7.828	122	133729	43.92	ng	90
28) bis(2-Chloroethoxy)met...	7.922	93	186612	46.67	ng	98
29) 2,4-Dichlorophenol	8.034	162	133629	43.36	ng	91
30) 1,2,4-Trichlorobenzene	8.116	180	131616	37.98	ng	97
31) Naphthalene	8.198	128	417480	39.60	ng	100
32) Benzoic acid	7.945	122	84332	50.47	ng	95
33) 4-Chloroaniline	8.245	127	18586	4.63	ng	# 91
34) Hexachlorobutadiene	8.316	225	84181	37.11	ng	97
35) Caprolactam	8.616	113	37210m	44.35	ng	
36) 4-Chloro-3-methylphenol	8.722	107	150502	44.65	ng	# 86
37) 2-Methylnaphthalene	8.886	142	302865	42.39	ng	96
38) 1-Methylnaphthalene	8.986	142	286130	42.92	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	156141	42.44	ng	98
41) Hexachlorocyclopentadiene	9.045	237	163164	69.73	ng	93
43) 2,4,6-Trichlorophenol	9.163	196	102798	43.07	ng	96

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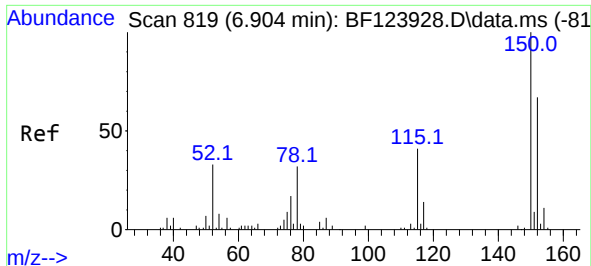
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	114867	46.32	ng	94
46) 1,1'-Biphenyl	9.351	154	394956	43.96	ng	97
47) 2-Chloronaphthalene	9.380	162	300011	42.05	ng	95
48) 2-Nitroaniline	9.469	65	126433	52.47	ng	89
49) Acenaphthylene	9.792	152	475187	45.07	ng	98
50) Dimethylphthalate	9.657	163	393244	48.28	ng	100
51) 2,6-Dinitrotoluene	9.716	165	83114	50.46	ng	# 82
52) Acenaphthene	9.969	154	359076m	49.75	ng	
53) 3-Nitroaniline	9.880	138	38854	23.74	ng	96
54) 2,4-Dinitrophenol	9.992	184	95633	105.46	ng	86
55) Dibenzofuran	10.139	168	461305	44.51	ng	98
56) 4-Nitrophenol	10.045	139	127171	93.92	ng	95
57) 2,4-Dinitrotoluene	10.122	165	116801	57.82	ng	93
58) Fluorene	10.480	166	361829	46.32	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.257	232	99600	48.84	ng	# 93
60) Diethylphthalate	10.351	149	401433	49.77	ng	97
61) 4-Chlorophenyl-phenyle...	10.475	204	183411	46.86	ng	90
62) 4-Nitroaniline	10.498	138	84272	51.76	ng	89
63) Azobenzene	10.633	77	405306	45.18	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	59307	45.15	ng	81
66) n-Nitrosodiphenylamine	10.592	169	322561	41.07	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	115383	42.71	ng	98
68) Hexachlorobenzene	11.033	284	132750	44.02	ng	# 92
69) Atrazine	11.122	200	118885	53.59	ng	96
70) Pentachlorophenol	11.222	266	156201	87.36	ng	96
71) Phenanthrene	11.445	178	559893	42.98	ng	97
72) Anthracene	11.498	178	563530	42.69	ng	99
73) Carbazole	11.651	167	478853	41.46	ng	97
74) Di-n-butylphthalate	11.980	149	675938	46.76	ng	99
75) Fluoranthene	12.633	202	593810	44.02	ng	99
77) Benzidine	12.745	184	41480m	12.22	ng	
78) Pyrene	12.863	202	593022	47.49	ng	99
80) Butylbenzylphthalate	13.480	149	253406	51.75	ng	98
81) Benzo(a)anthracene	14.051	228	442436	43.50	ng	97
82) 3,3'-Dichlorobenzidine	14.010	252	61411	19.43	ng	99
83) Chrysene	14.092	228	436966	44.66	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	354974	51.37	ng	97
85) Di-n-octyl phthalate	14.657	149	515243	49.33	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	413280	43.50	ng	96
88) Benzo(b)fluoranthene	15.115	252	401463	42.19	ng	100
89) Benzo(k)fluoranthene	15.145	252	378345	43.63	ng	98
90) Benzo(a)pyrene	15.486	252	361511	43.95	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	344200	43.02	ng	# 96
92) Benzo(g,h,i)perylene	17.509	276	339660	42.33	ng	97

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



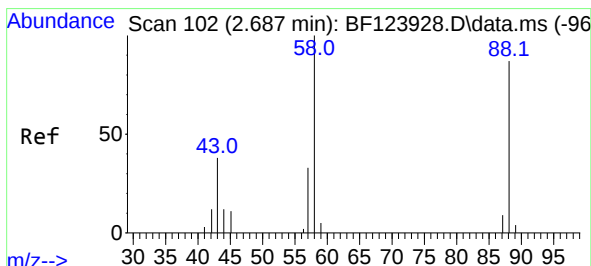
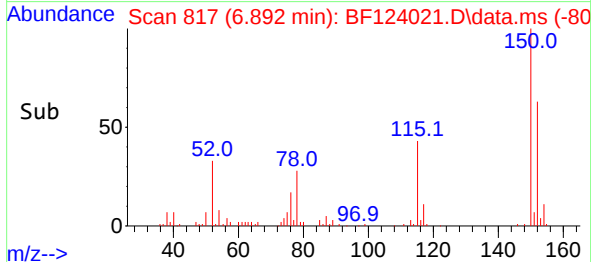
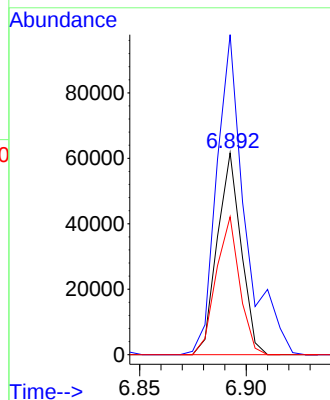
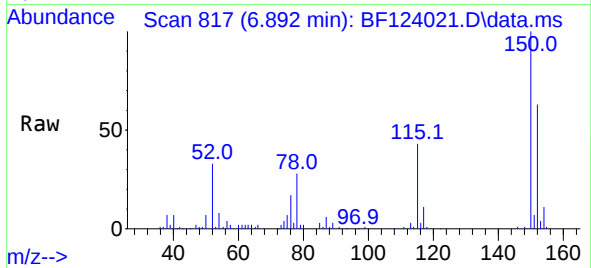
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 152 Resp: 47826
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 68.4 54.3 81.5

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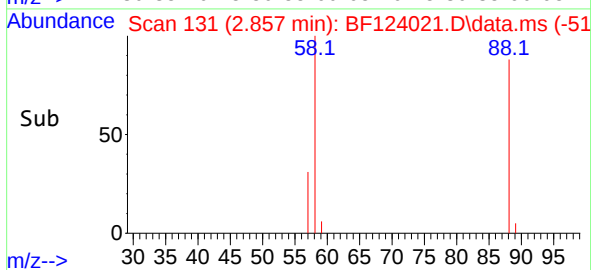
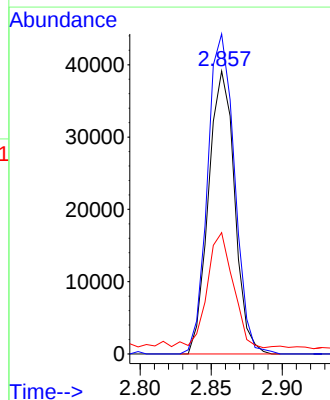
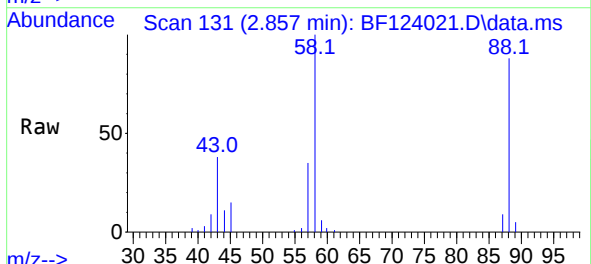
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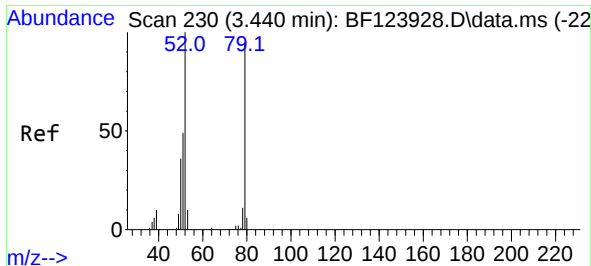
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#2
1,4-Dioxane
Concen: 33.40 ng
RT: 2.857 min Scan# 131
Delta R.T. 0.171 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 88 Resp: 49961
Ion Ratio Lower Upper
88 100
58 116.9 83.8 125.8
43 0.0 32.2 48.4#





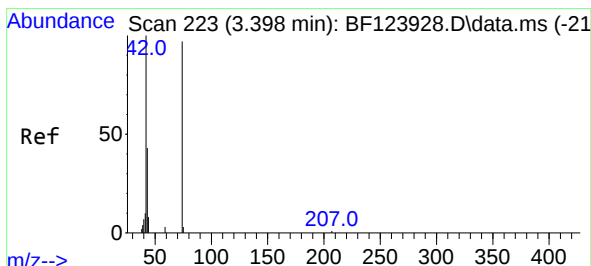
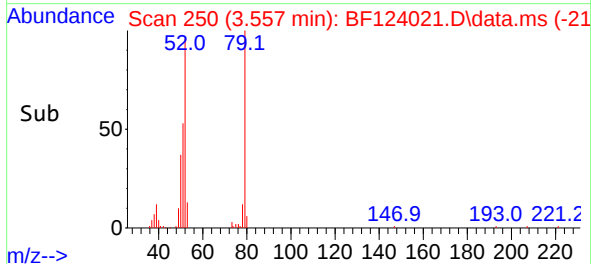
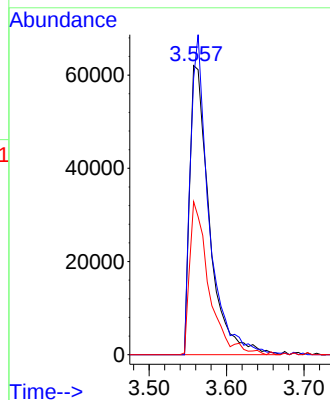
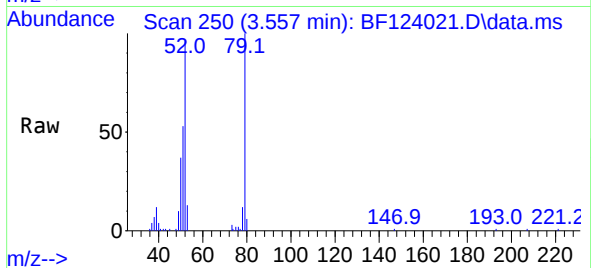
#3
Pyridine
Concen: 28.36 ng
RT: 3.557 min Scan# 250
Delta R.T. 0.118 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 79 Resp: 109484
Ion Ratio Lower Upper
79 100
52 95.6 87.4 131.0
51 52.9 41.4 62.0

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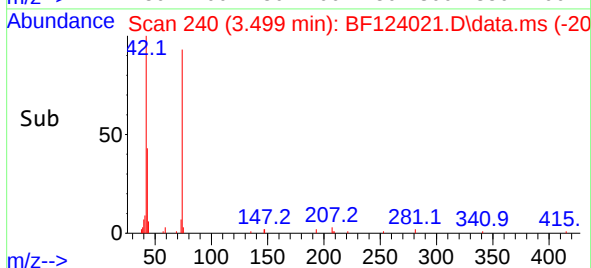
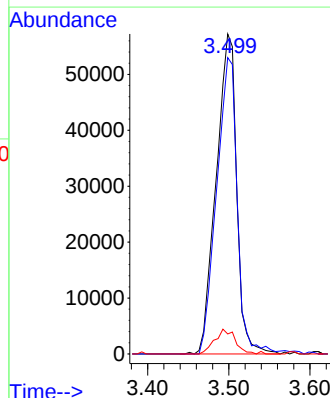
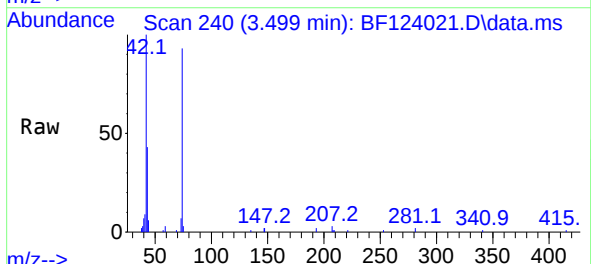
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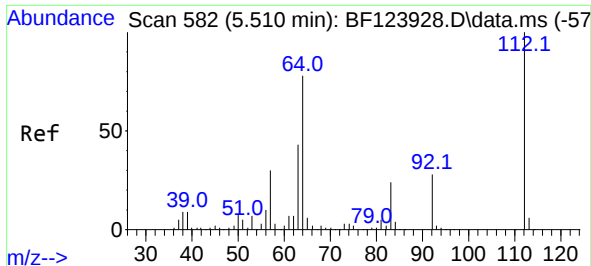
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#4
n-Nitrosodimethylamine
Concen: 40.04 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.100 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 42 Resp: 100406
Ion Ratio Lower Upper
42 100
74 92.6 83.5 125.3
44 6.3 5.7 8.5





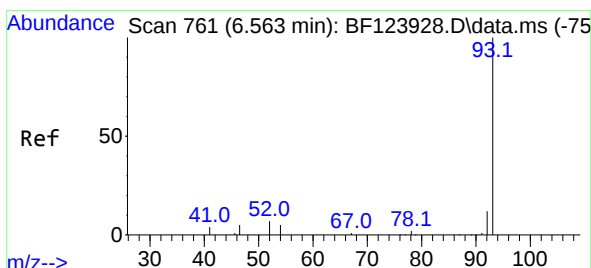
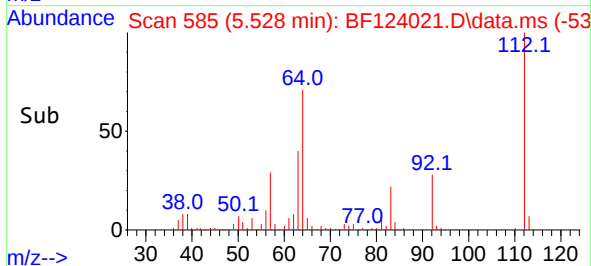
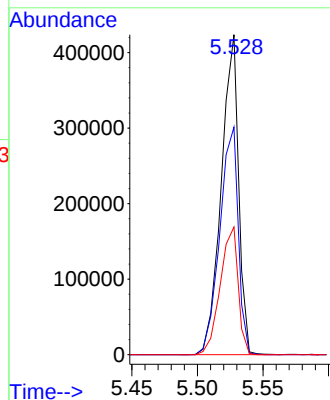
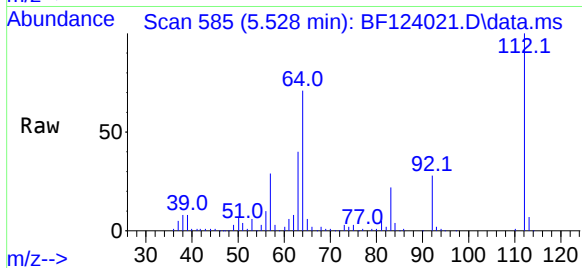
#5
2-Fluorophenol
Concen: 114.26 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 112 Resp: 389199
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 39.9 33.0 49.4

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ClientSampleId :
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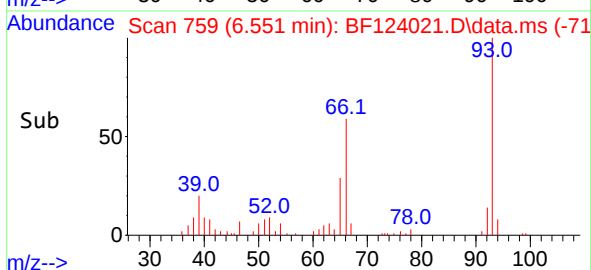
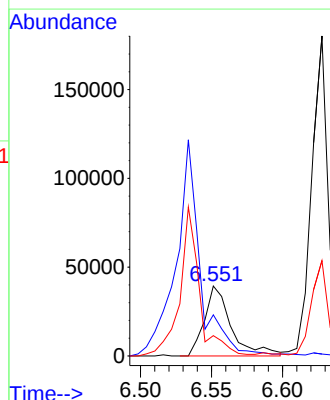
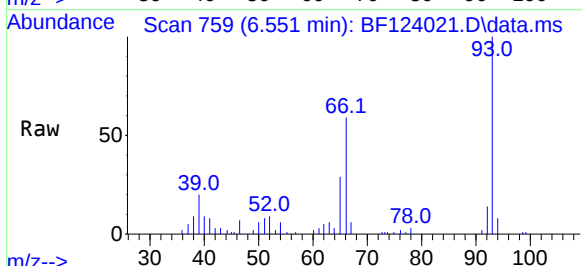
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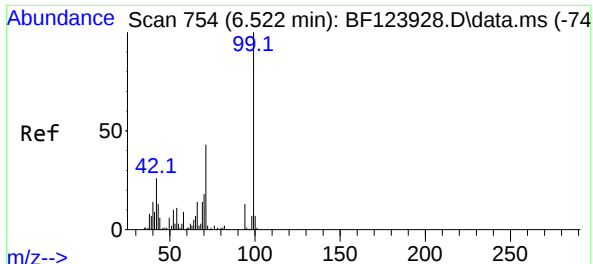
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#6
Aniline
Concen: 10.29 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 93 Resp: 51613
Ion Ratio Lower Upper
93 100
66 58.8 36.4 54.6#
65 29.2 19.4 29.0#





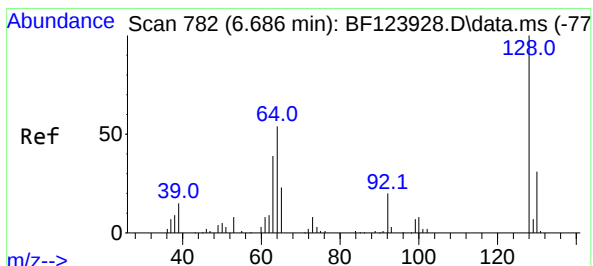
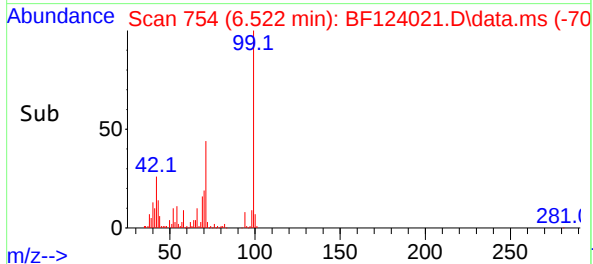
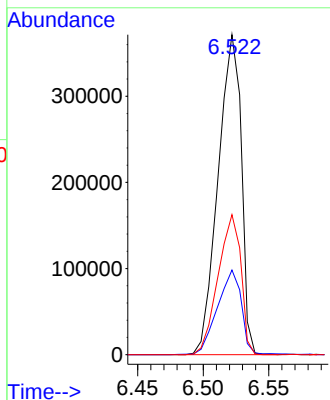
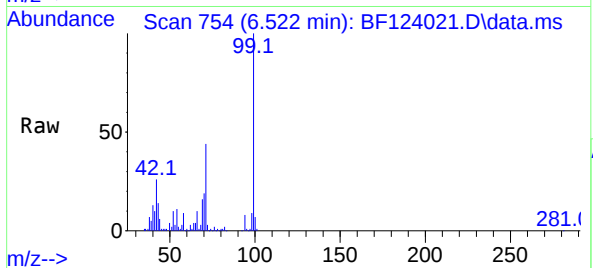
#7
Phenol-d6
Concen: 103.13 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	99	Resp:	455714
Ion	Ratio	Lower	Upper
99	100		
42	26.4	19.8	29.8
71	43.8	31.1	46.7

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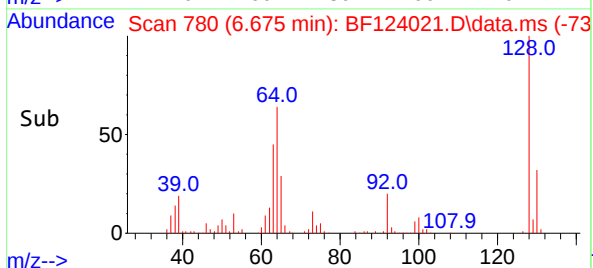
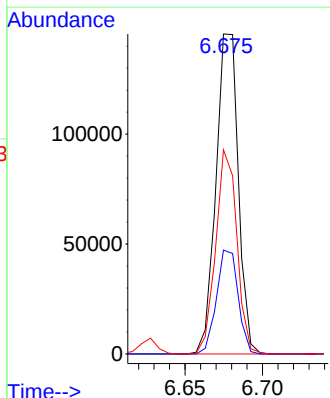
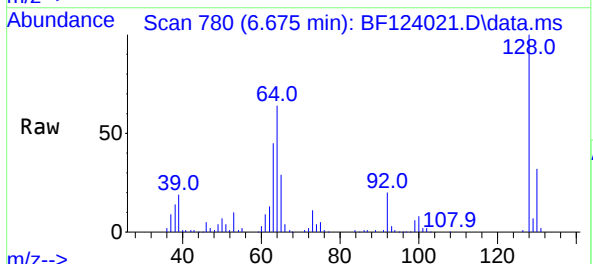
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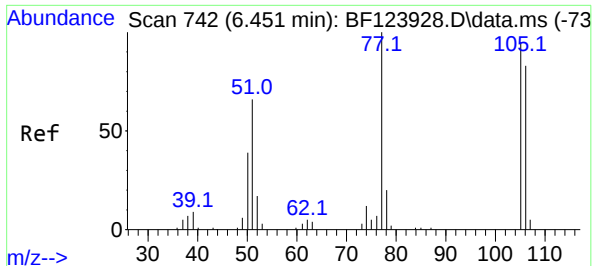
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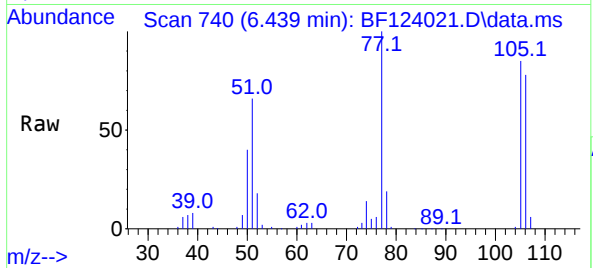
#8
2-Chlorophenol
Concen: 41.30 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	128	Resp:	146397
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	63.8	41.5	81.5

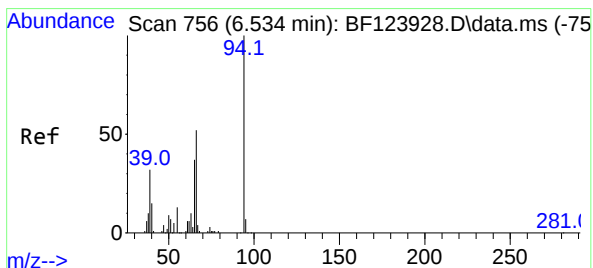
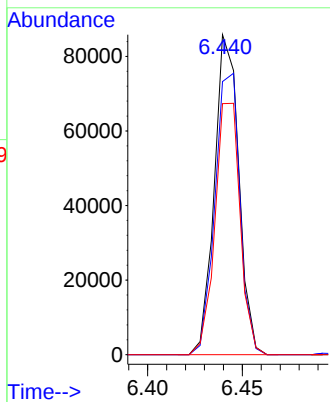
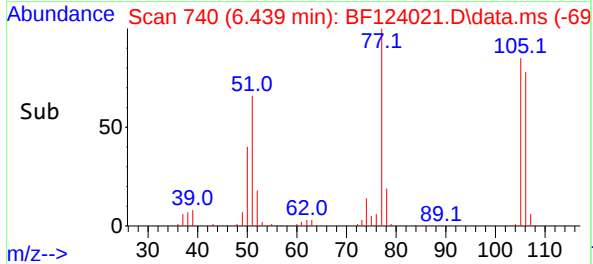




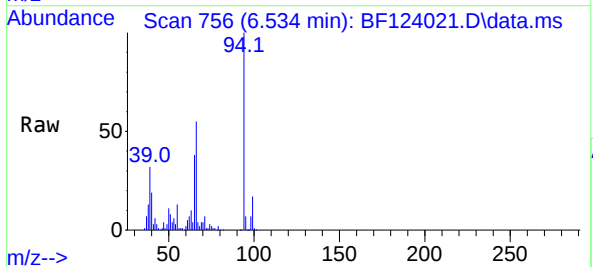
#9
Benzaldehyde
Concen: 40.21 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



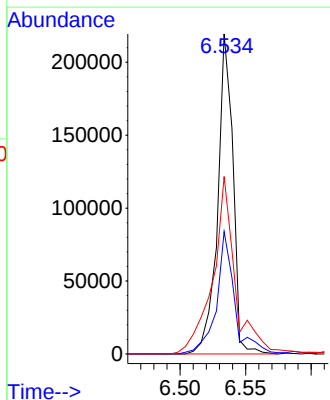
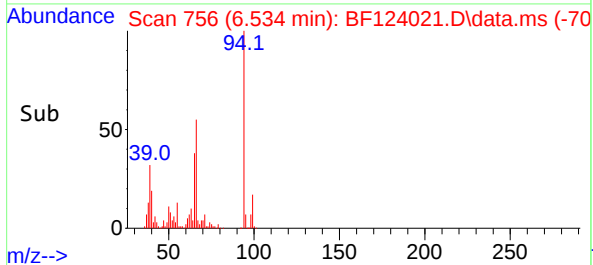
Tgt Ion: 77 Resp: 76887
Ion Ratio Lower Upper
77 100
105 85.3 75.2 115.2
106 78.5 71.6 111.6



#10
Phenol
Concen: 39.75 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



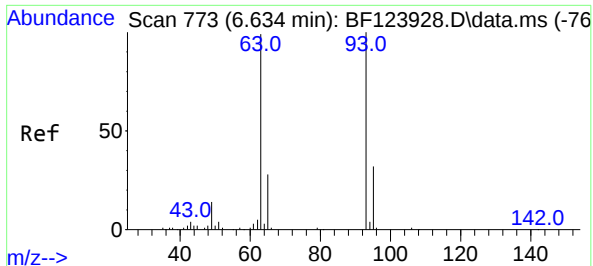
Tgt Ion: 94 Resp: 177532
Ion Ratio Lower Upper
94 100
65 38.2 18.1 58.1
66 55.5 29.0 69.0



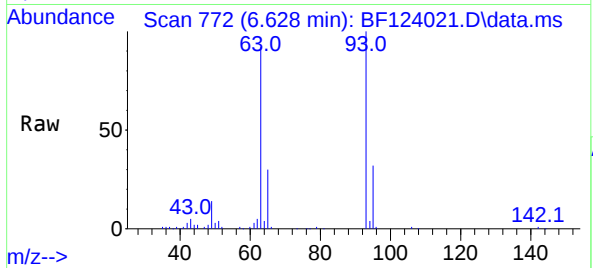
Instrument :
BNA_F
ClientSampleId :
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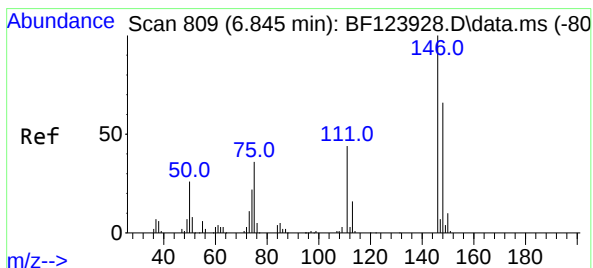
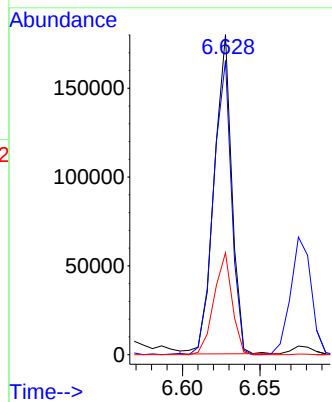
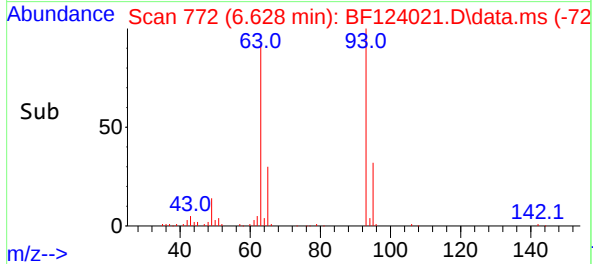
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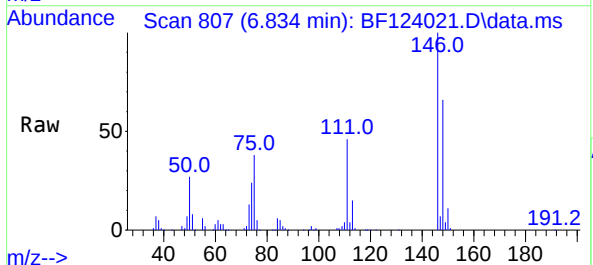
#11
bis(2-Chloroethyl)ether
Concen: 40.98 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF124021.D
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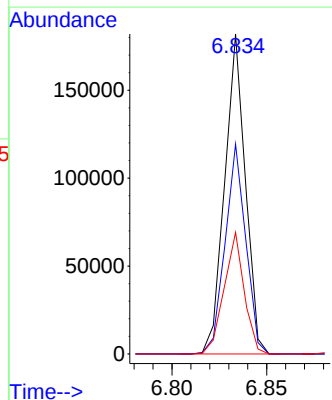
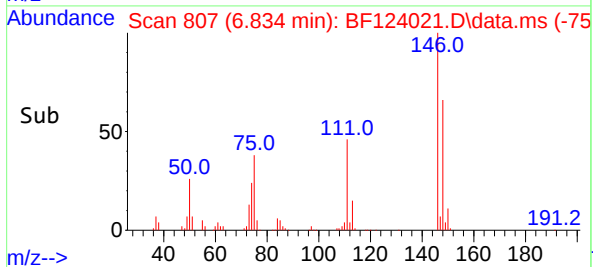
Tgt Ion: 93 Resp: 142235
Ion Ratio Lower Upper
93 100
63 91.9 76.1 116.1
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 33.48 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



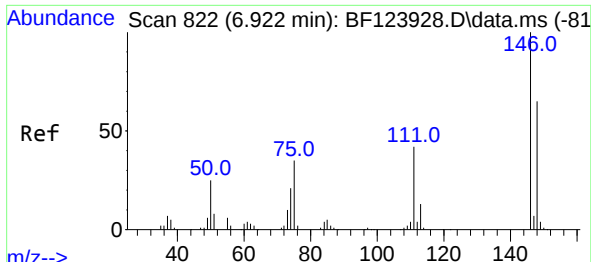
Tgt Ion: 146 Resp: 138273
Ion Ratio Lower Upper
146 100
148 65.6 50.9 76.3
75 38.0 34.2 51.4



Instrument :
BNA_F
ClientSampleId :
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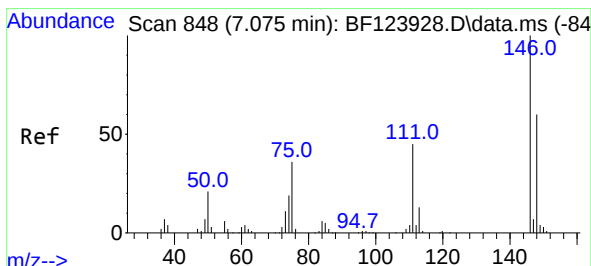
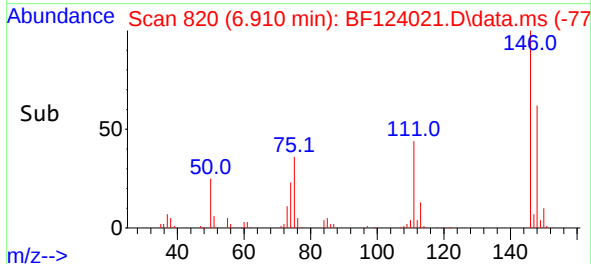
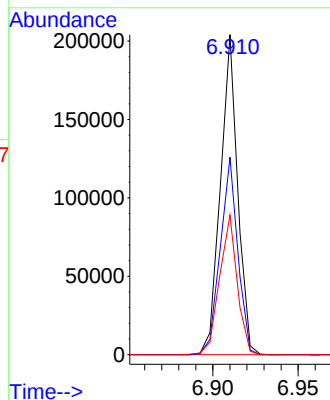
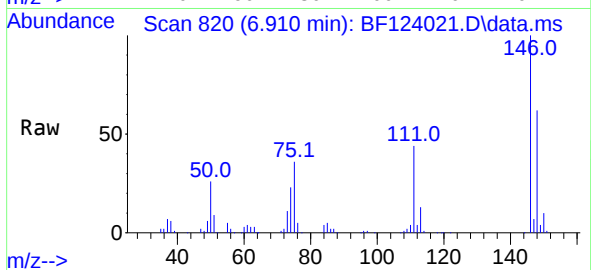
#13
1,4-Dichlorobenzene
Concen: 33.98 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:146 Resp: 143583
Ion Ratio Lower Upper
146 100
148 61.7 49.9 74.9
111 43.6 39.5 59.3

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

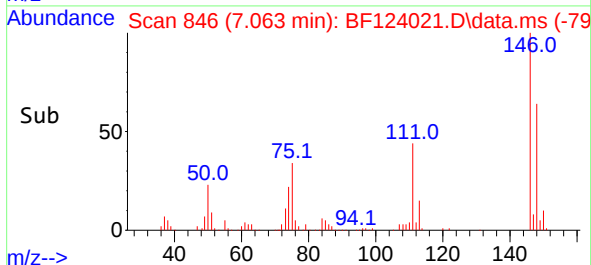
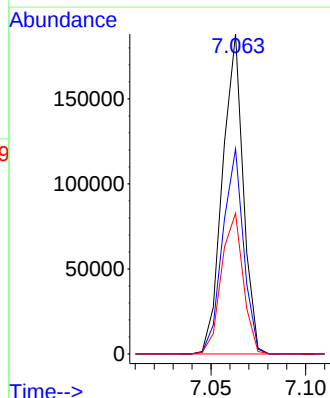
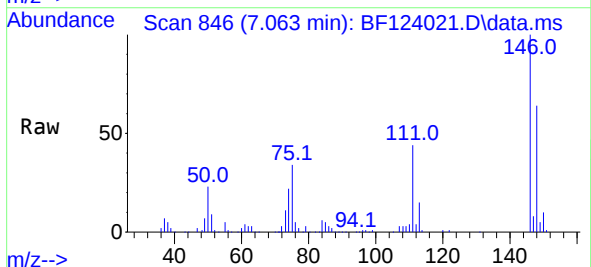
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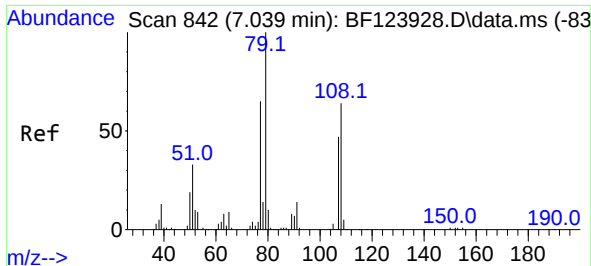
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#14
1,2-Dichlorobenzene
Concen: 36.19 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:146 Resp: 142890
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 43.9 38.4 57.6

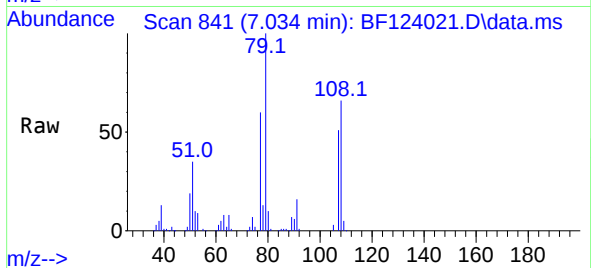




#15

Benzyl Alcohol
Concen: 42.99 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

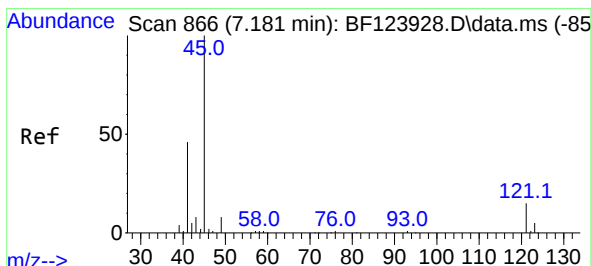
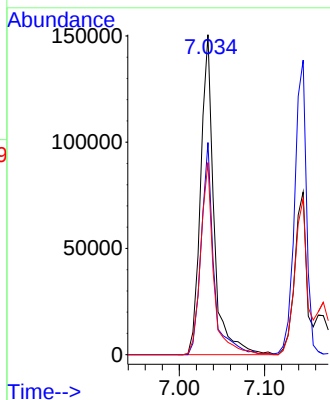
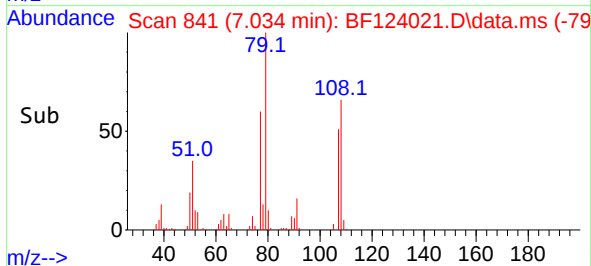
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 164090
Ion Ratio Lower Upper
79 100
108 66.3 55.8 83.8
77 60.1 49.9 74.9

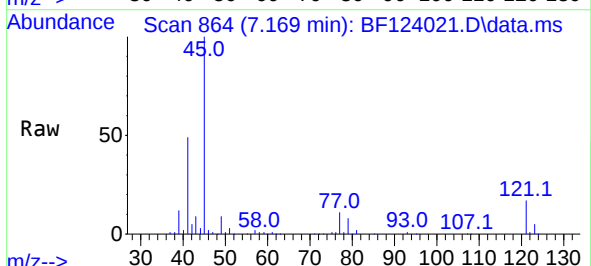
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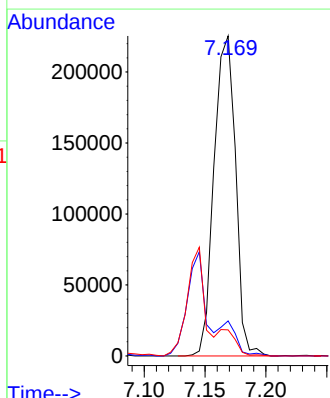
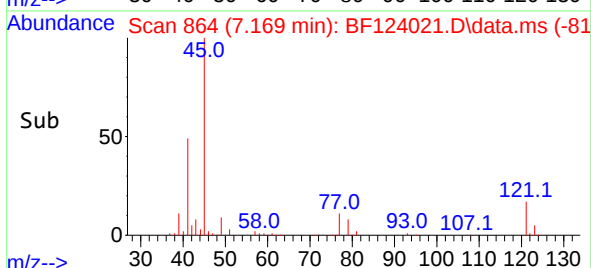


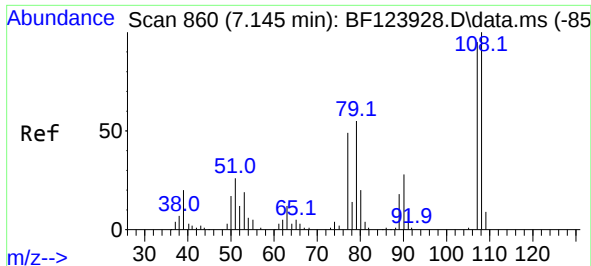
#16

2,2'-oxybis(1-Chloropropane)
Concen: 39.62 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



Tgt Ion: 45 Resp: 276860
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 8.2 0.0 27.3





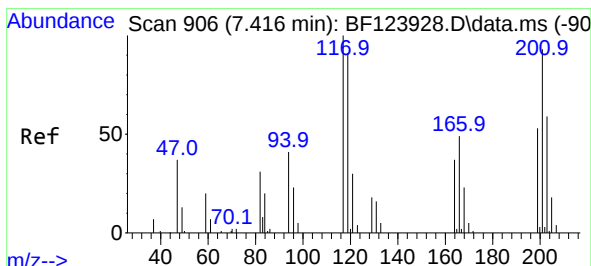
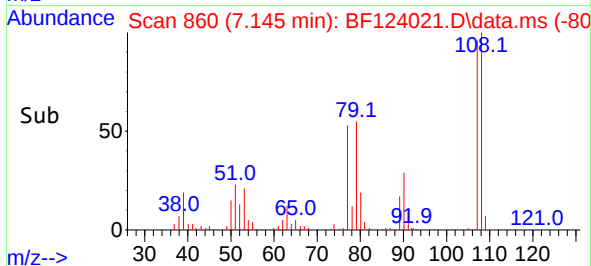
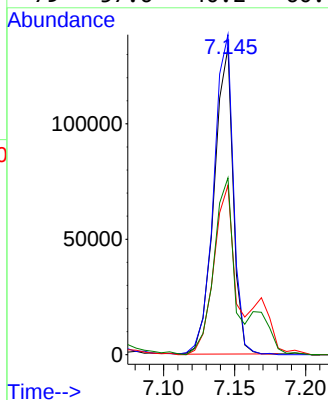
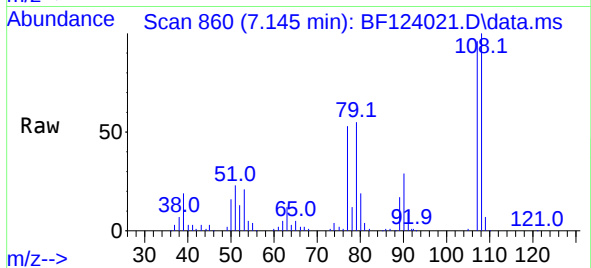
#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	107	Resp:	124417
Ion	Ratio	Lower	Upper
107	100		
108	104.2	89.8	134.8
77	55.1	40.9	61.3
79	57.6	40.2	60.4

Instrument :
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ClientSampleId :
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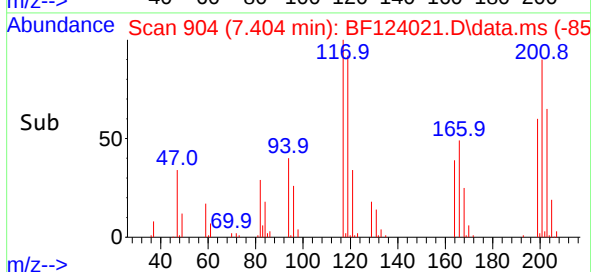
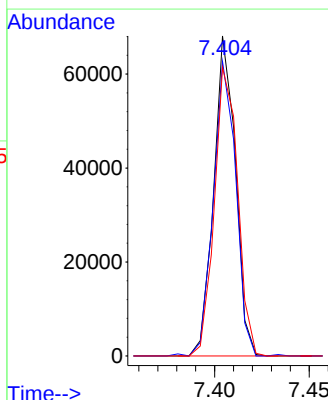
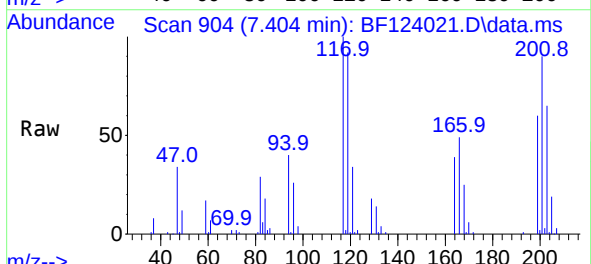
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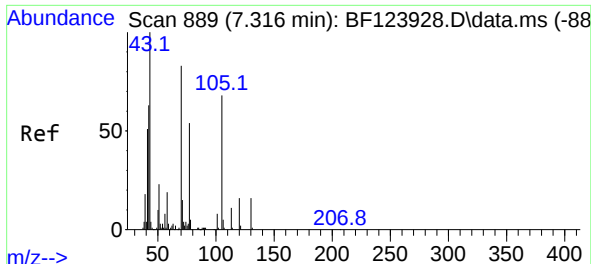
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#18
Hexachloroethane
Concen: 34.81 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

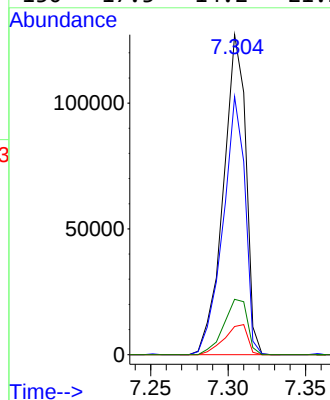
Tgt Ion:	117	Resp:	54510
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.8	116.8
201	90.2	67.8	101.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.12 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

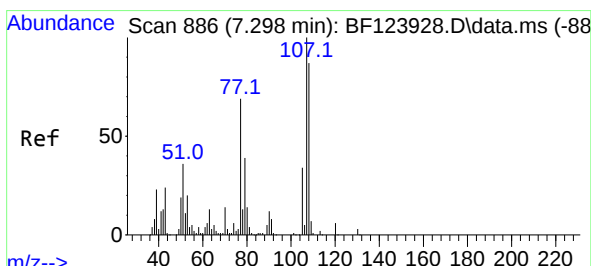
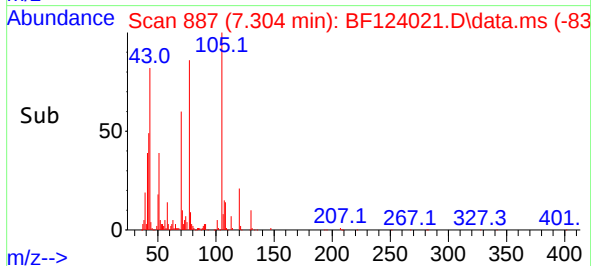
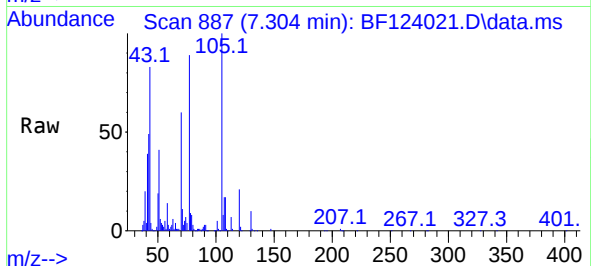
Tgt Ion:	70	Resp:	128755
Ion	Ratio	Lower	Upper
70	100		
42	80.6	60.1	90.1
101	8.8	7.4	11.2
130	17.3	14.2	21.2



Instrument :
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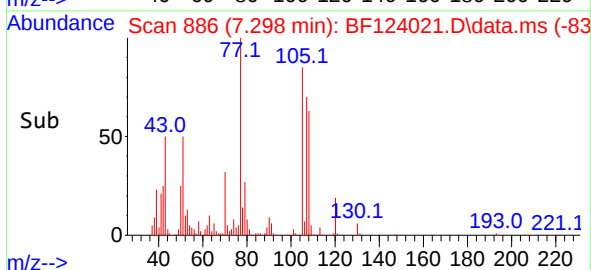
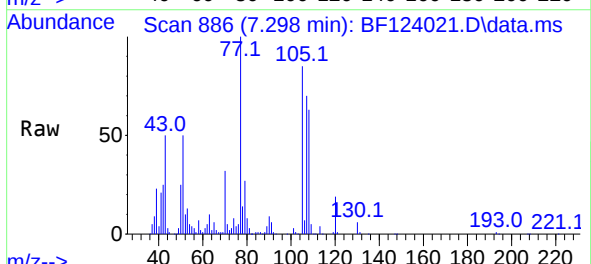
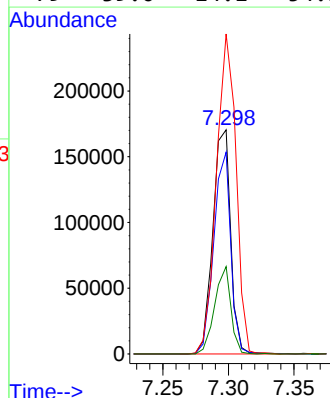
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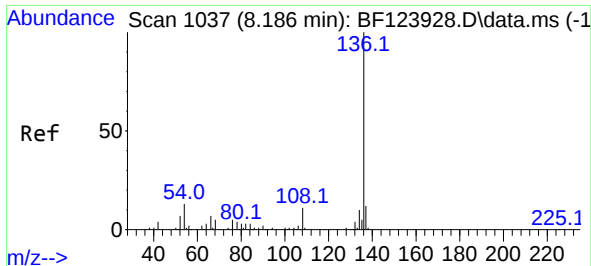
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#20
3+4-Methylphenols
Concen: 42.54 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	107	Resp:	161068
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.5	111.5
77	142.7	82.0	122.0#
79	39.0	14.1	54.1





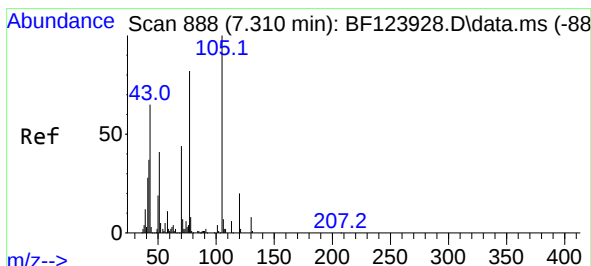
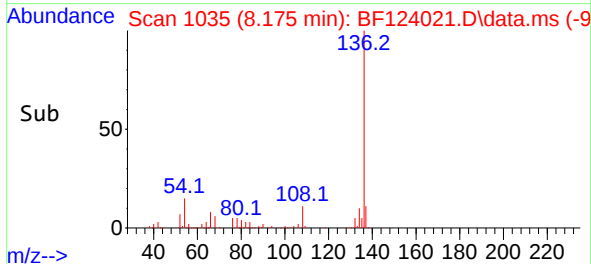
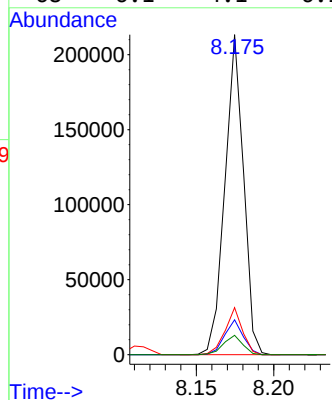
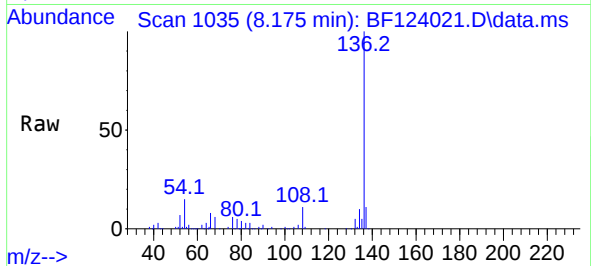
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	136	Resp:	178121
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	14.7	9.8	14.6#
68	6.1	4.1	6.1

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ClientSampleId :
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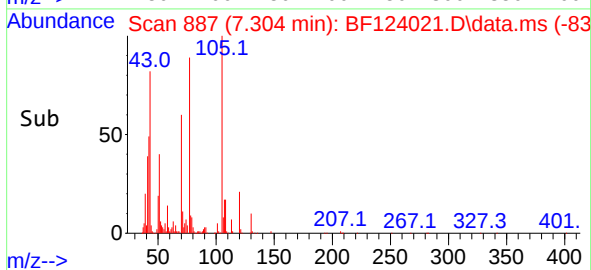
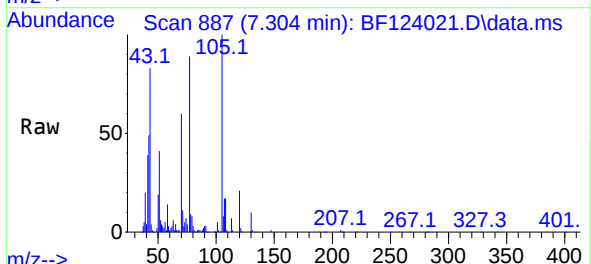
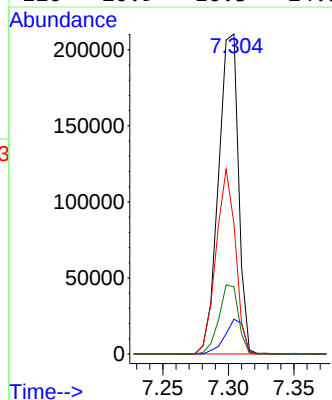
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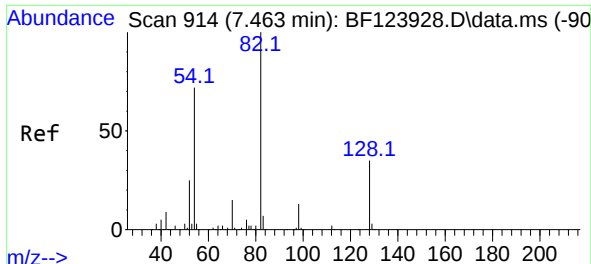
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#22
Acetophenone
Concen: 44.06 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	105	Resp:	222848
Ion Ratio	Lower	Upper	
105	100		
71	10.8	4.2	6.4#
51	40.7	33.6	50.4
120	20.9	16.3	24.5





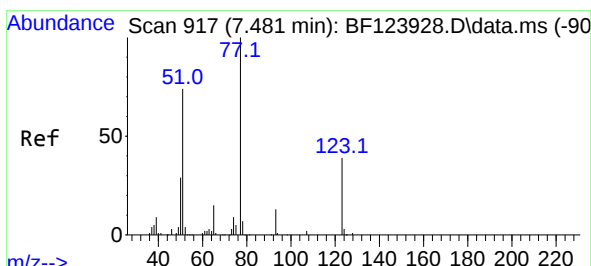
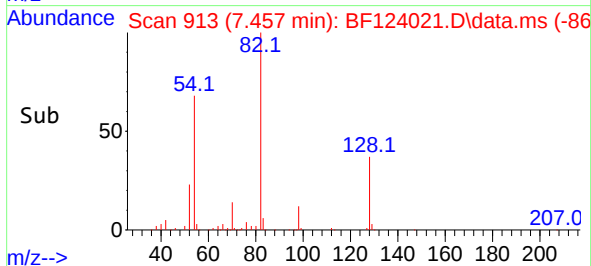
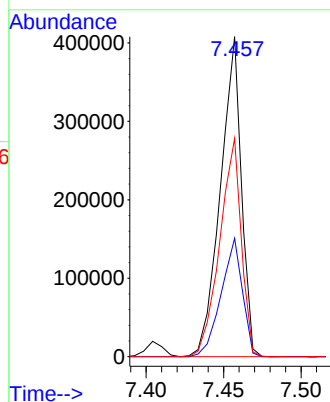
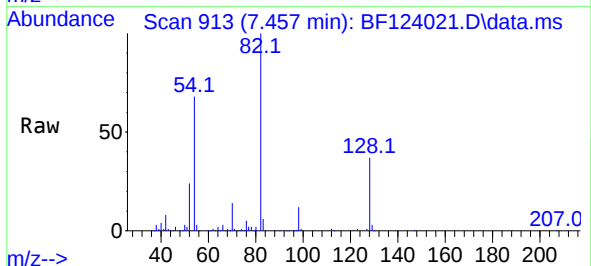
#23
Nitrobenzene-d5
Concen: 92.94 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 82 Resp: 384244
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 68.2 54.1 81.1

Instrument :
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ClientSampleId :
JG-SPOILS-5-11-21-AMS

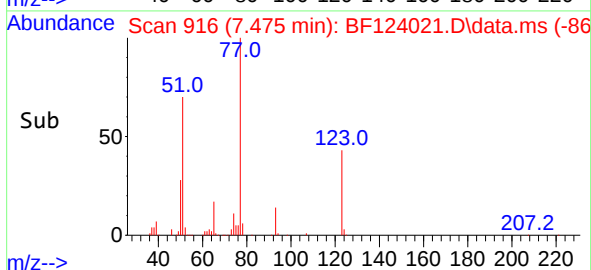
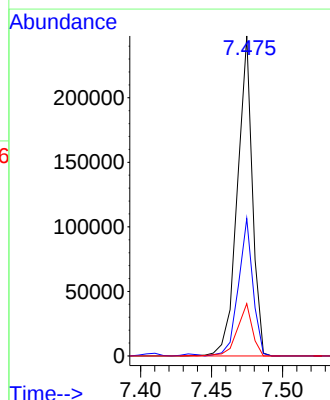
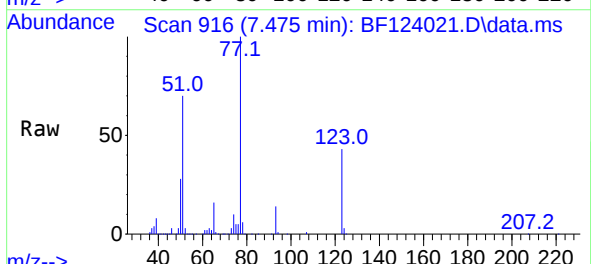
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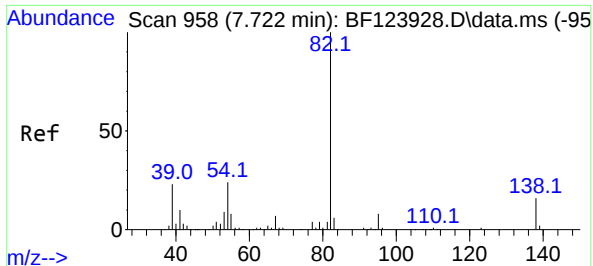
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#24
Nitrobenzene
Concen: 43.19 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 77 Resp: 182548
Ion Ratio Lower Upper
77 100
123 43.0 34.5 51.7
65 16.4 12.2 18.2





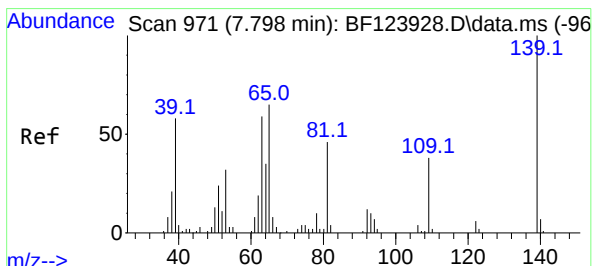
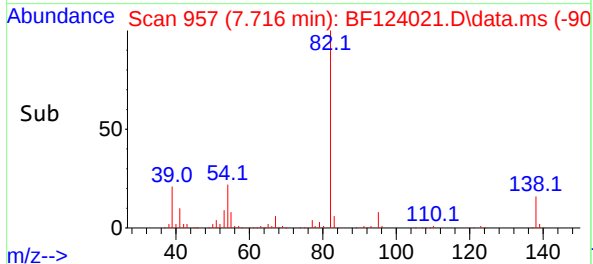
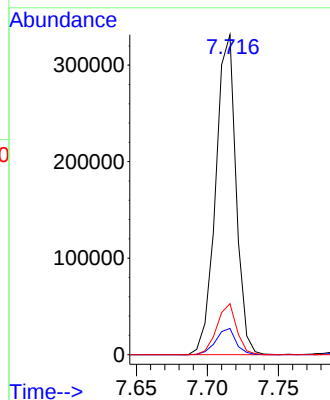
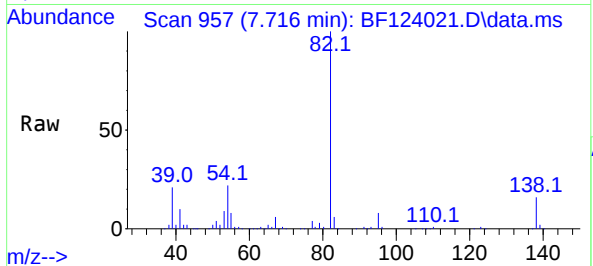
#25
Isophorone
Concen: 41.54 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	82	Resp:	330339
Ion	Ratio	Lower	Upper
82	100		
95	8.2	5.8	8.6
138	15.9	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
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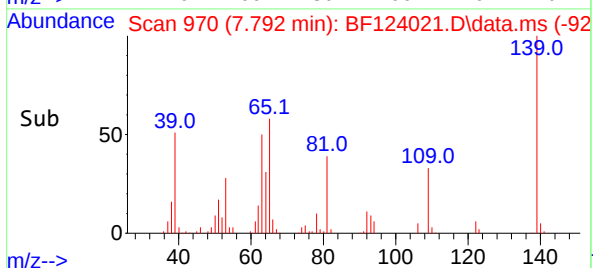
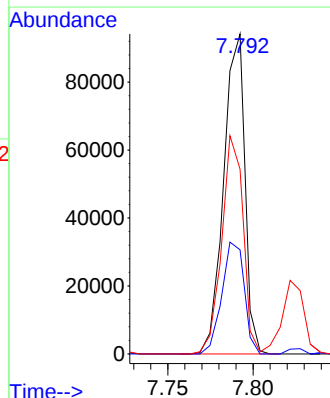
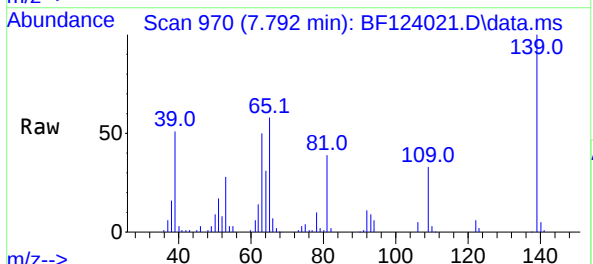
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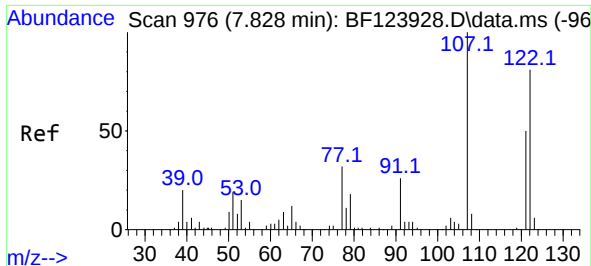
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#26
2-Nitrophenol
Concen: 51.18 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	139	Resp:	81387
Ion	Ratio	Lower	Upper
139	100		
109	32.6	28.6	43.0
65	57.7	56.8	85.2





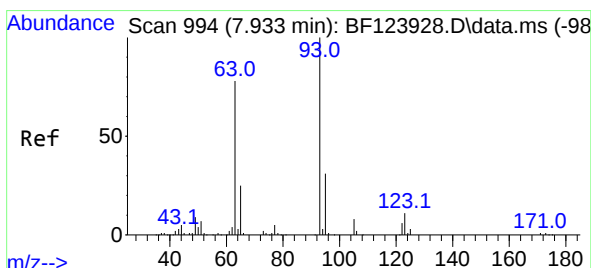
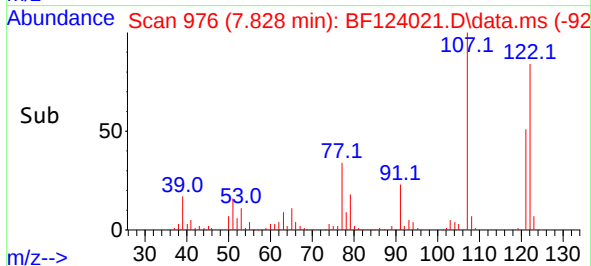
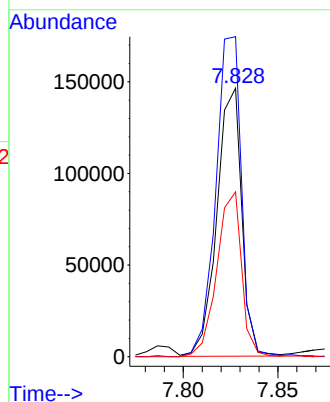
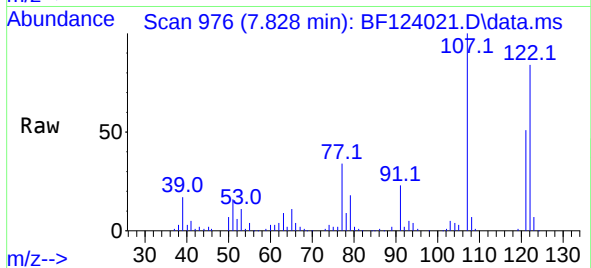
#27
2,4-Dimethylphenol
Concen: 43.92 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:122 Resp: 133729
Ion Ratio Lower Upper
122 100
107 119.2 106.3 159.5
121 61.4 45.4 68.0

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

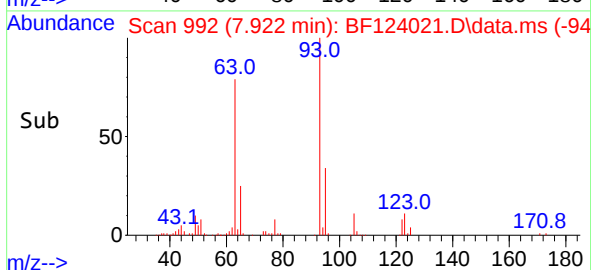
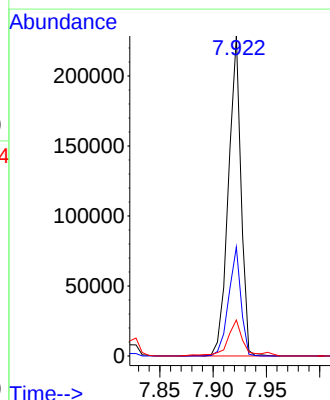
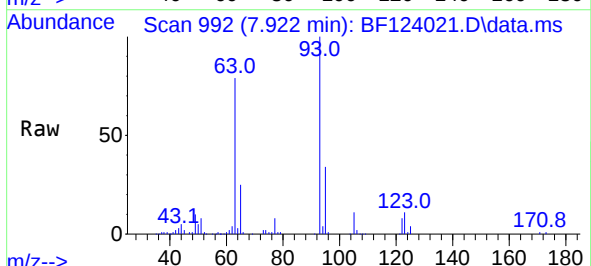
Manual Integrations
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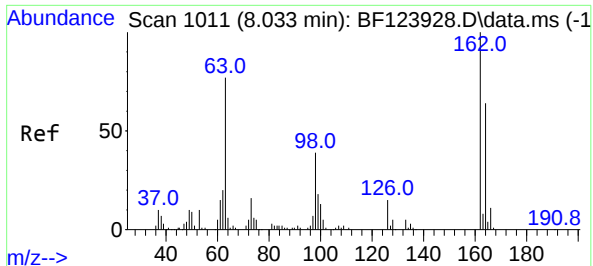
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.67 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 93 Resp: 186612
Ion Ratio Lower Upper
93 100
95 34.1 26.5 39.7
123 11.2 8.4 12.6





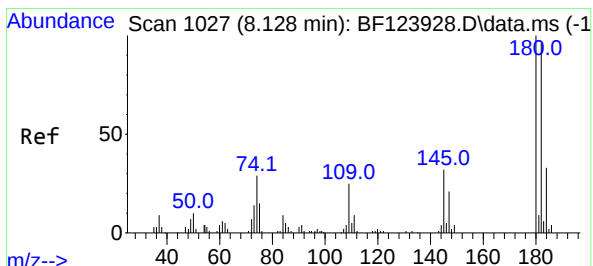
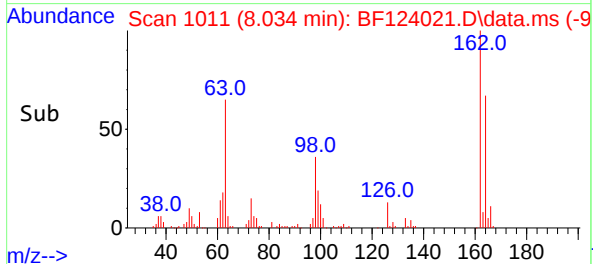
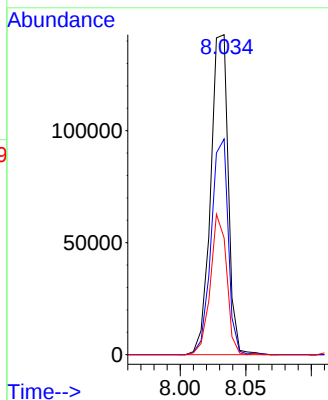
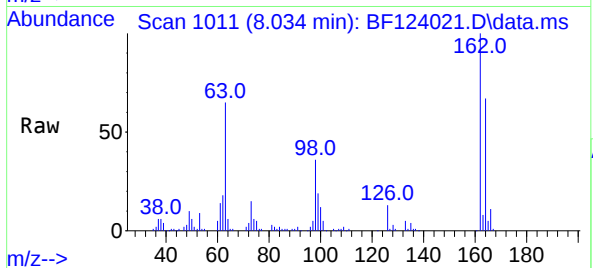
#29
2,4-Dichlorophenol
Concen: 43.36 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:162 Resp: 133629
Ion Ratio Lower Upper
162 100
164 67.4 44.1 84.1
98 36.4 27.3 67.3

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

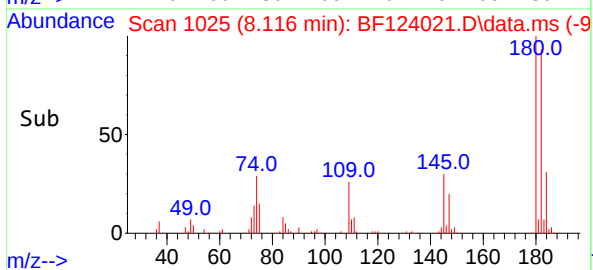
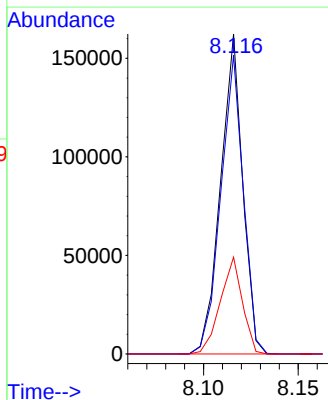
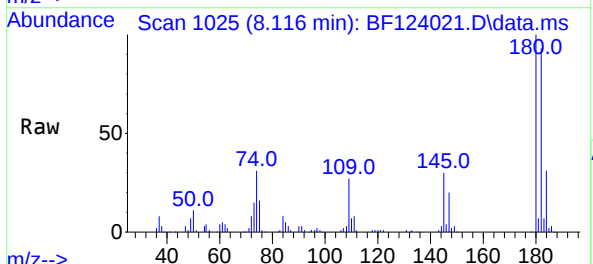
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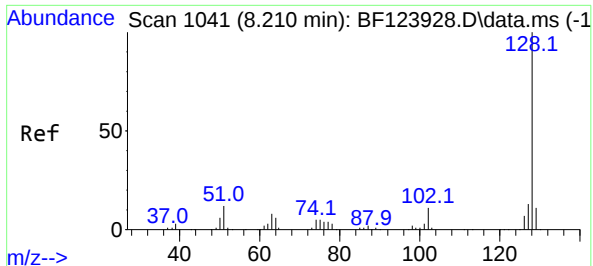
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#30
1,2,4-Trichlorobenzene
Concen: 37.98 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:180 Resp: 131616
Ion Ratio Lower Upper
180 100
182 93.4 77.2 115.8
145 30.3 26.0 39.0





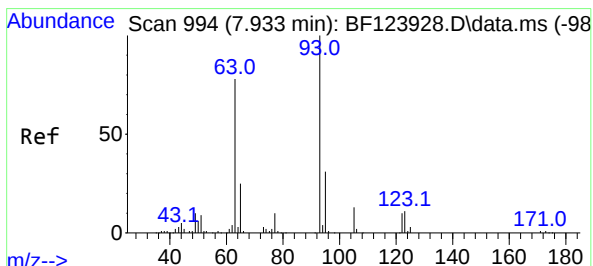
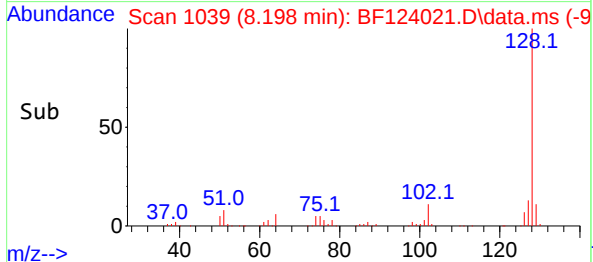
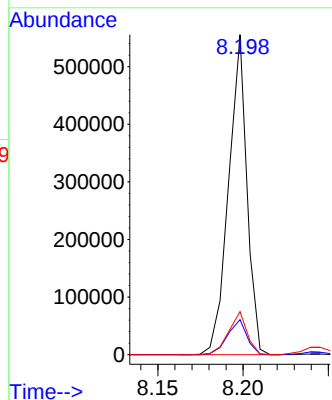
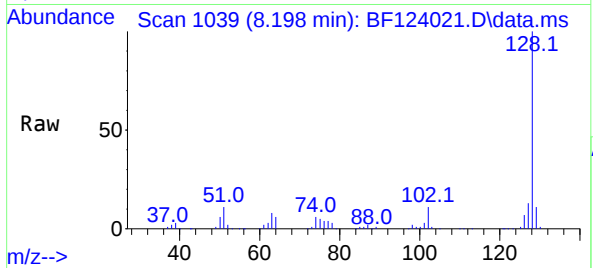
#31
Naphthalene
Concen: 39.60 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:128 Resp: 417480
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
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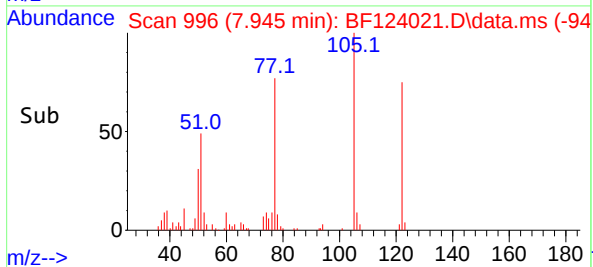
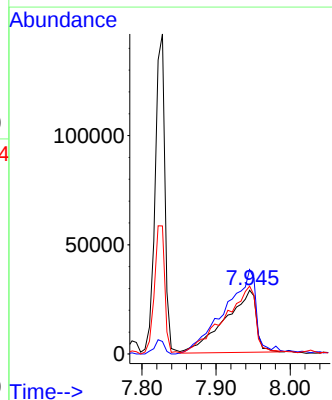
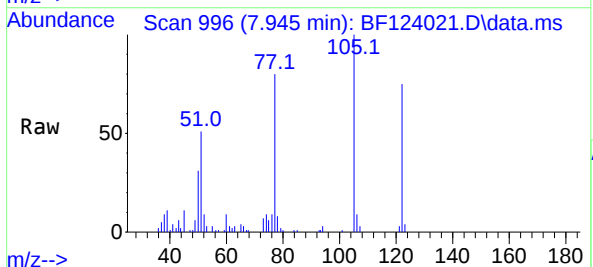
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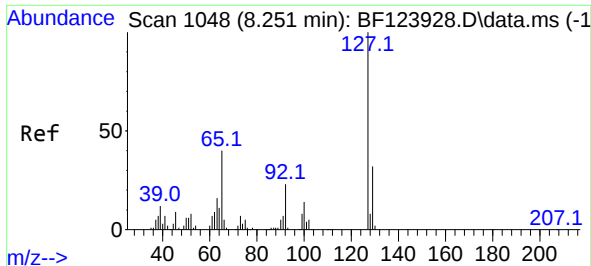
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#32
Benzoic acid
Concen: 50.47 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

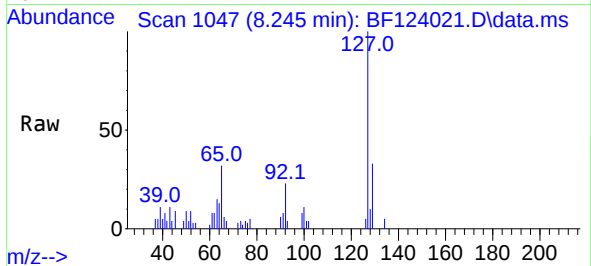
Tgt Ion:122 Resp: 84332
Ion Ratio Lower Upper
122 100
105 132.6 107.8 147.8
77 106.6 81.6 121.6





#33
4-Chloroaniline
Concen: 4.63 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

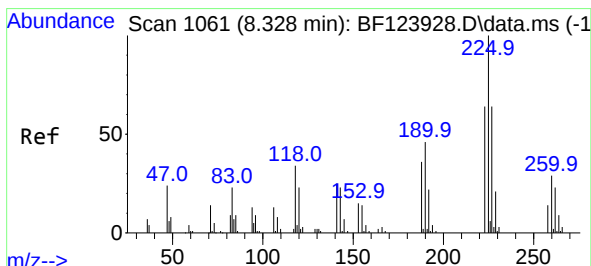
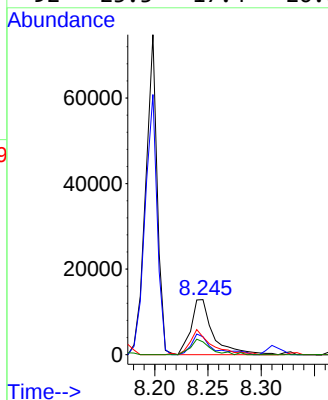
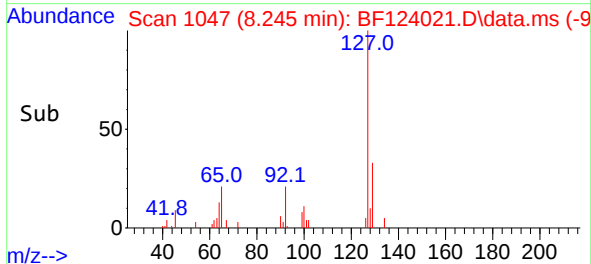
Instrument :
BNA_F
ClientSampleId :
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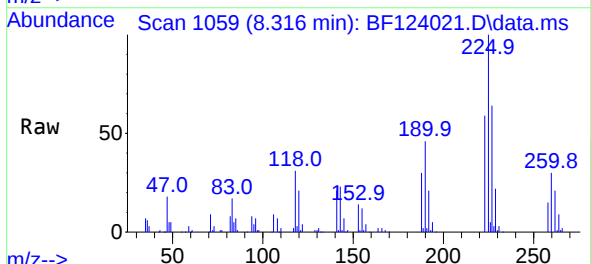
Tgt Ion:	127	Resp:	18586
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	32.1	34.5	51.7#
92	23.3	17.4	26.0

Manual Integrations
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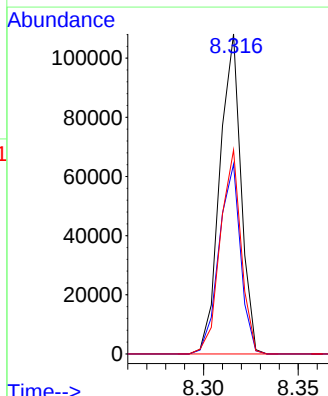
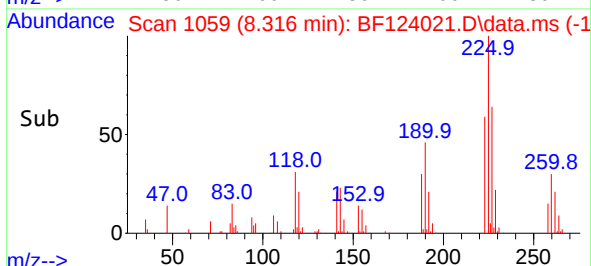
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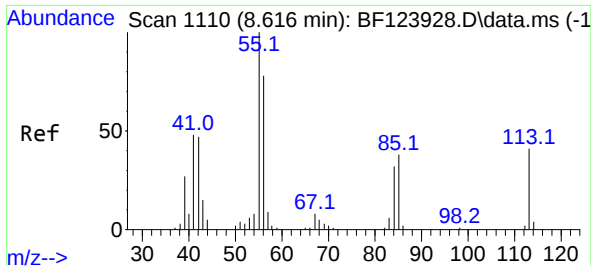


#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



Tgt Ion:	225	Resp:	84181
Ion	Ratio	Lower	Upper
225	100		
223	59.3	50.4	75.6
227	63.8	51.4	77.0





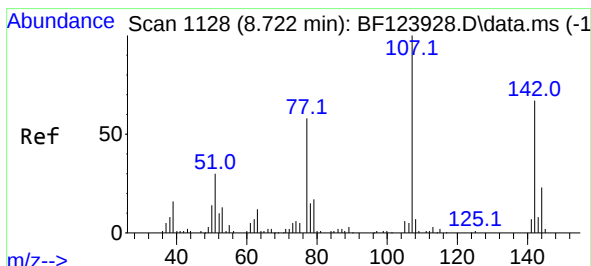
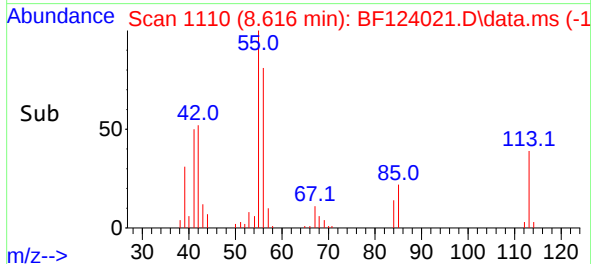
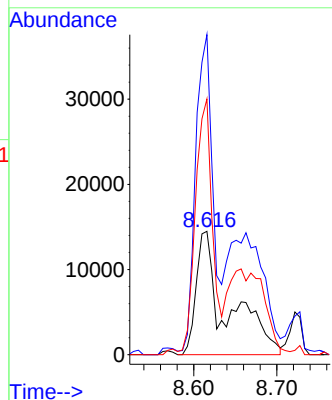
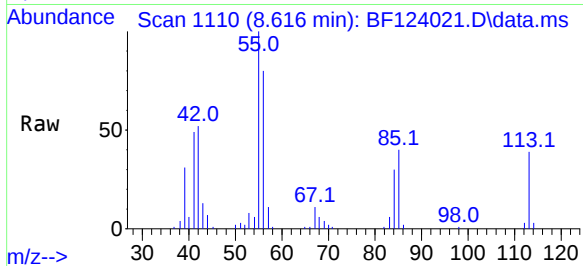
#35
Caprolactam
Concen: 44.35 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:113 Resp: 37210
Ion Ratio Lower Upper
113 100
55 259.4 254.9 294.9
56 207.3 179.4 219.4

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

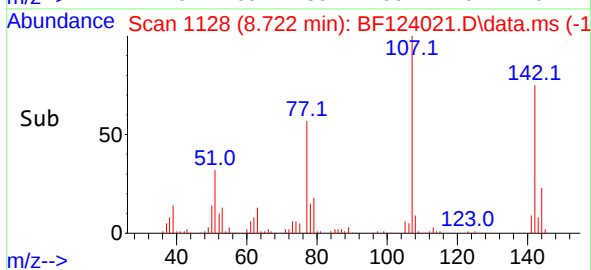
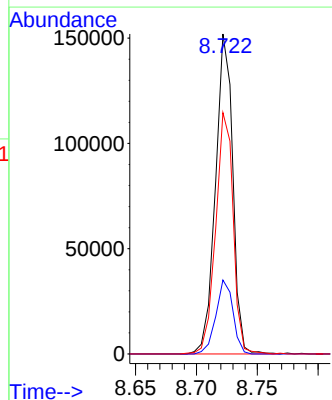
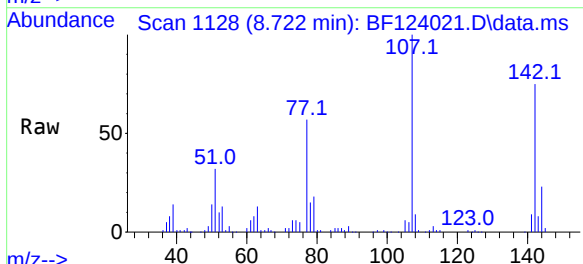
Manual Integrations
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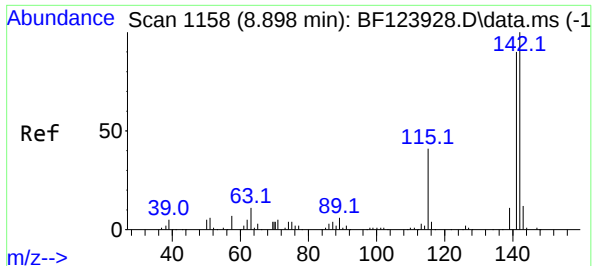
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#36
4-Chloro-3-methylphenol
Concen: 44.65 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:107 Resp: 150502
Ion Ratio Lower Upper
107 100
144 23.1 16.3 24.5
142 75.4 50.1 75.1#





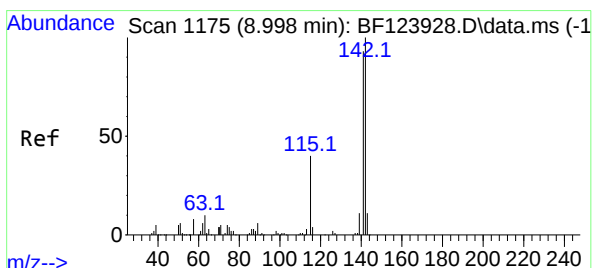
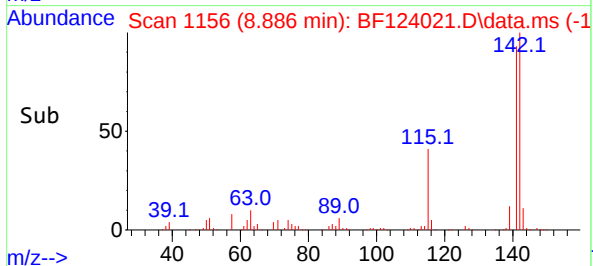
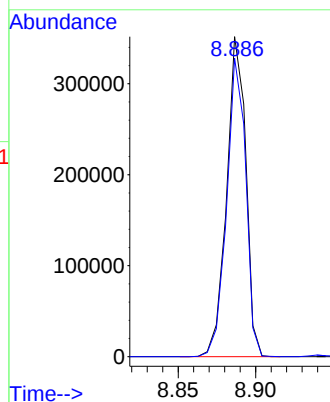
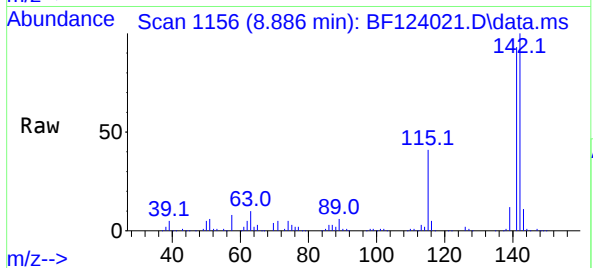
#37
2-Methylnaphthalene
Concen: 42.39 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

Tgt Ion:142 Resp: 302865
Ion Ratio Lower Upper
142 100
141 93.3 71.8 107.6

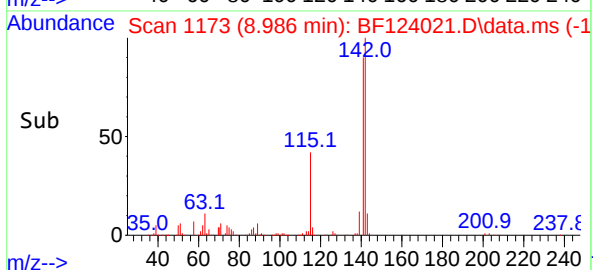
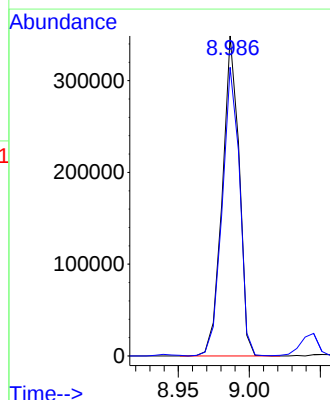
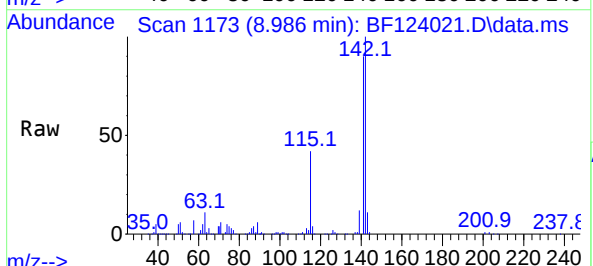
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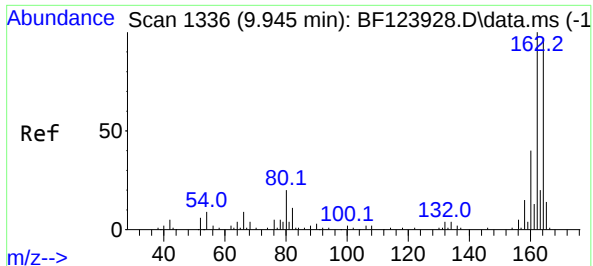
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#38
1-Methylnaphthalene
Concen: 42.92 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

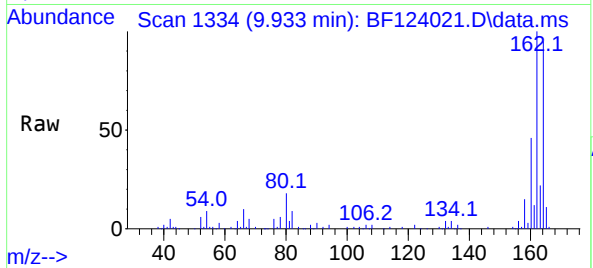
Tgt Ion:142 Resp: 286130
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

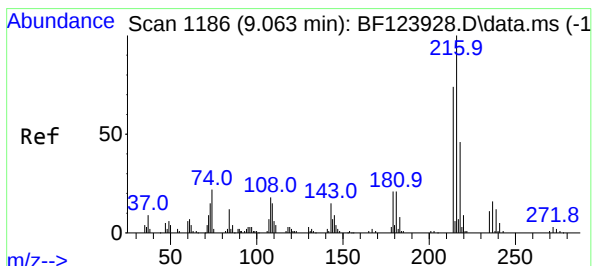
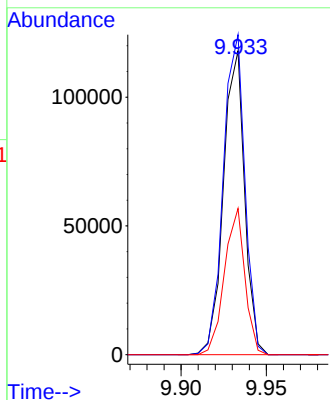
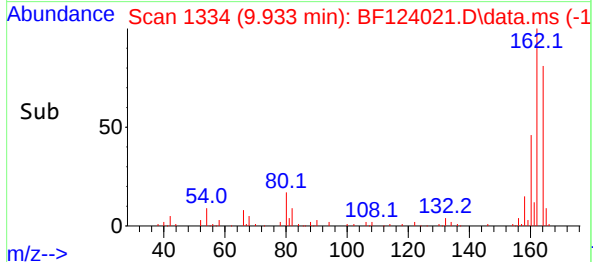
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS



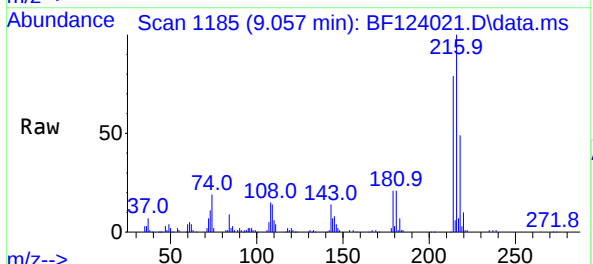
Tgt Ion:164 Resp: 101997
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 48.2 37.3 55.9

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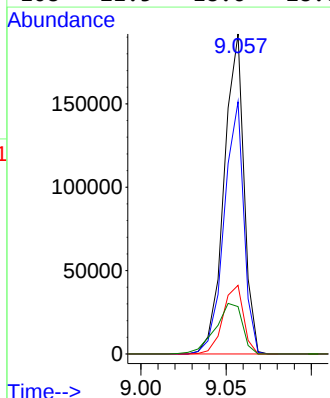
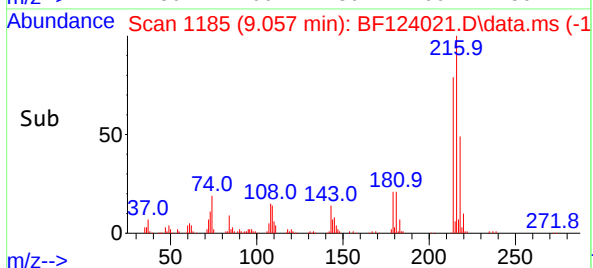
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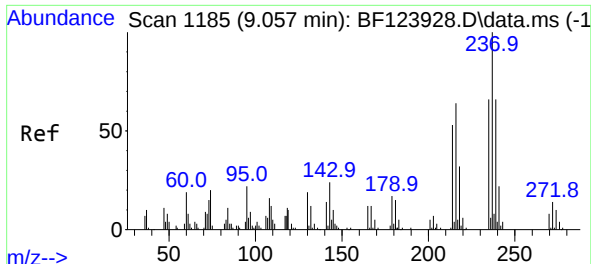


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.44 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



Tgt Ion:216 Resp: 156141
Ion Ratio Lower Upper
216 100
214 77.9 63.8 95.8
179 22.0 17.9 26.9
108 21.5 18.6 28.0





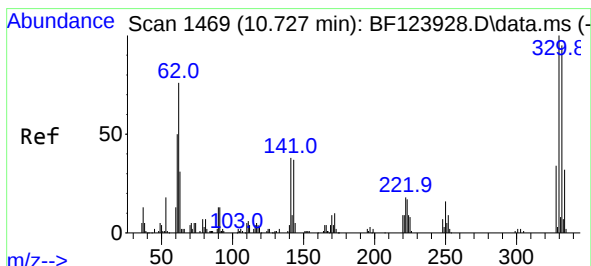
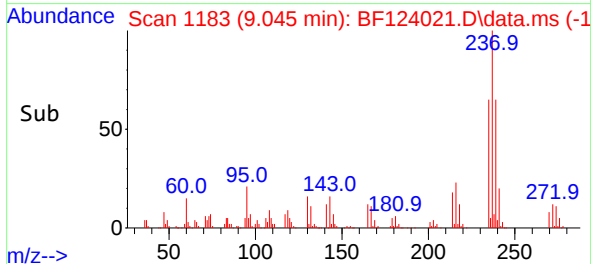
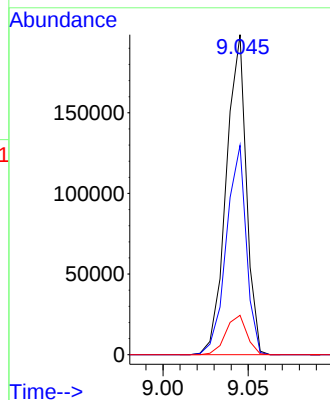
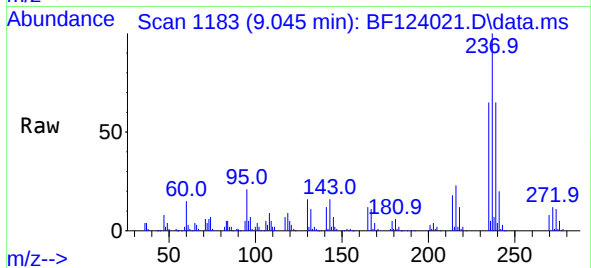
#41
Hexachlorocyclopentadiene
Concen: 69.73 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	237	Resp:	163164
Ion Ratio	Lower	Upper	
237	100		
235	65.4	38.8	78.8
272	12.3	0.0	32.4

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

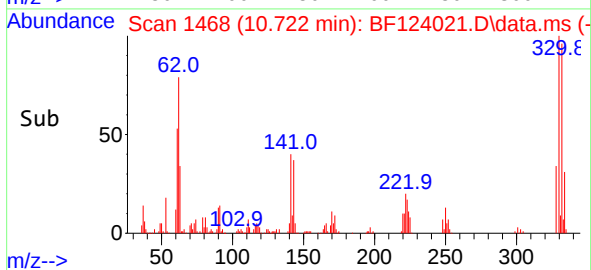
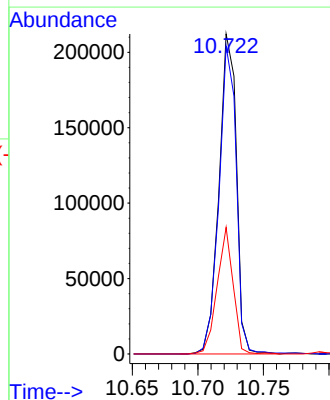
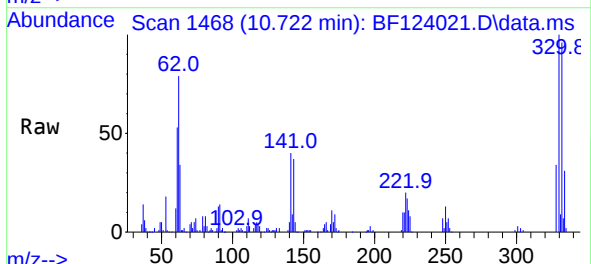
Manual Integrations
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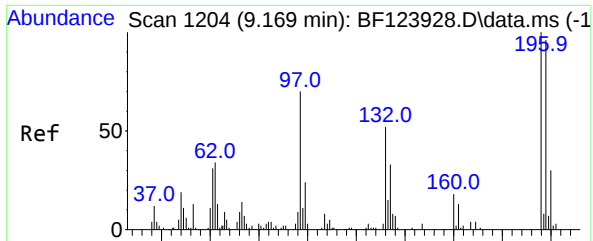
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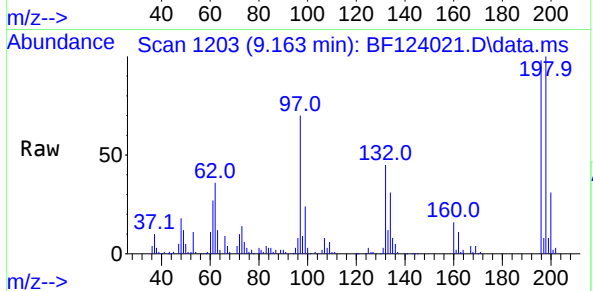
#42
2,4,6-Tribromophenol
Concen: 159.91 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	330	Resp:	195900
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.1	115.7
141	36.4	27.9	41.9

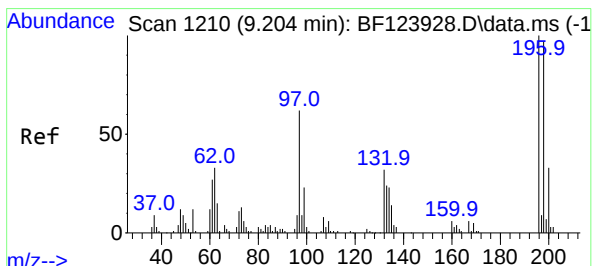
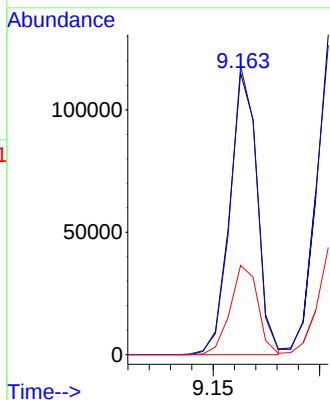
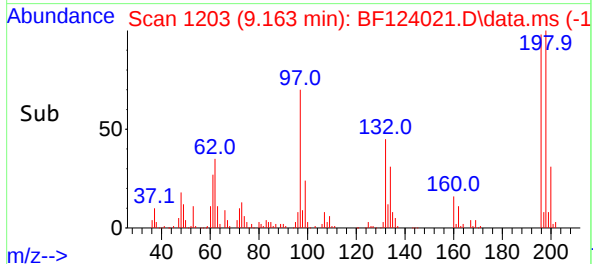




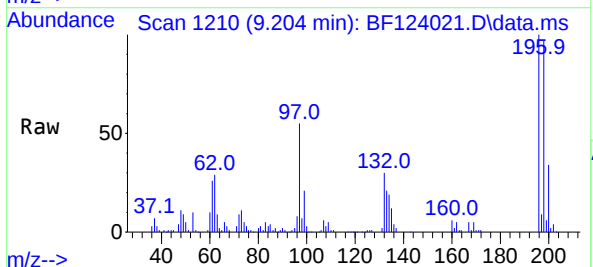
#43
2,4,6-Trichlorophenol
Concen: 43.07 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



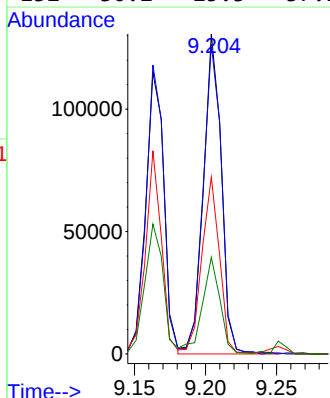
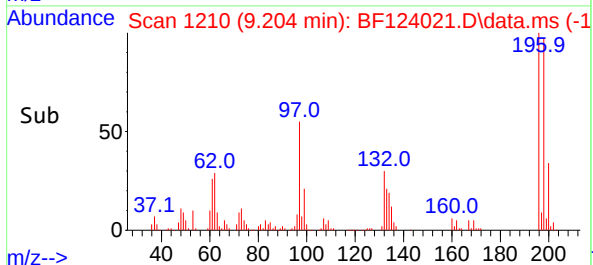
Tgt Ion:196 Resp: 102798
Ion Ratio Lower Upper
196 100
198 102.6 78.2 117.2
200 31.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 46.32 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



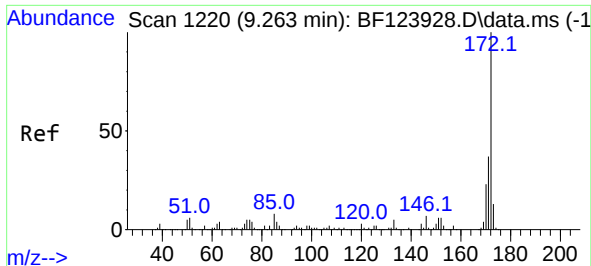
Tgt Ion:196 Resp: 114867
Ion Ratio Lower Upper
196 100
198 96.8 76.5 114.7
97 55.3 52.9 79.3
132 30.2 25.3 37.9



Instrument :
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ClientSampleId :
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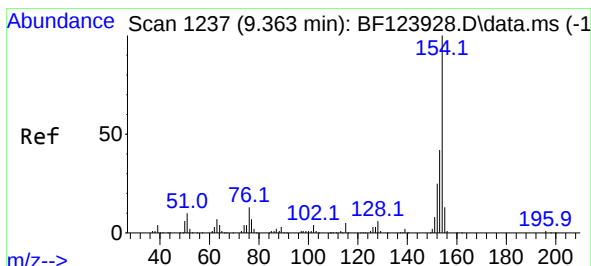
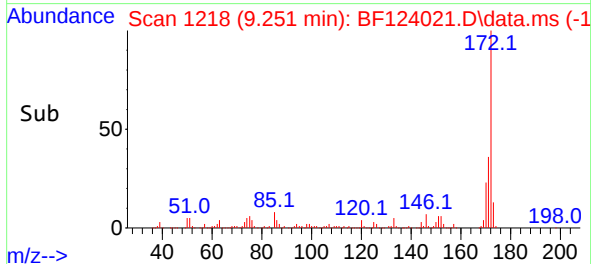
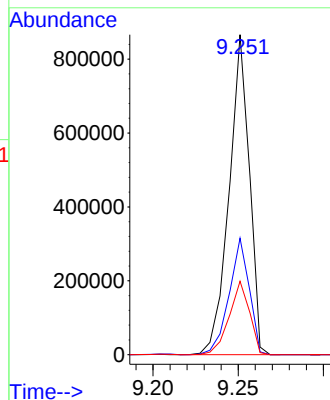
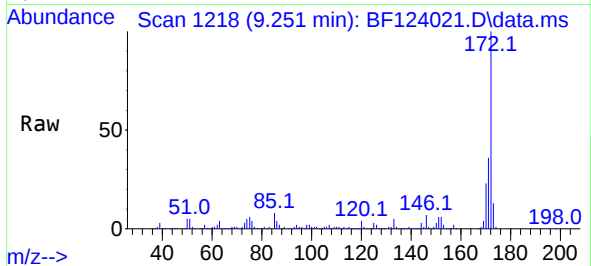
#45
2-Fluorobiphenyl
Concen: 86.55 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:172 Resp: 717327
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.9 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
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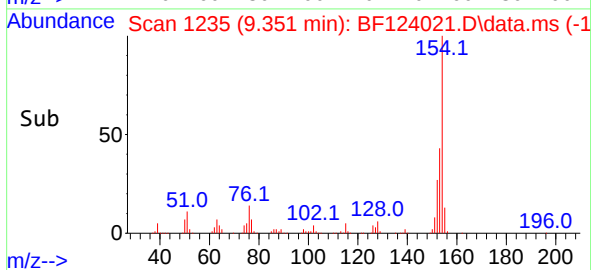
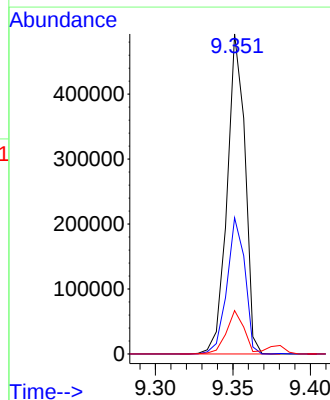
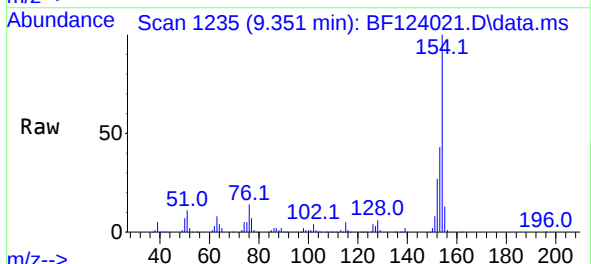
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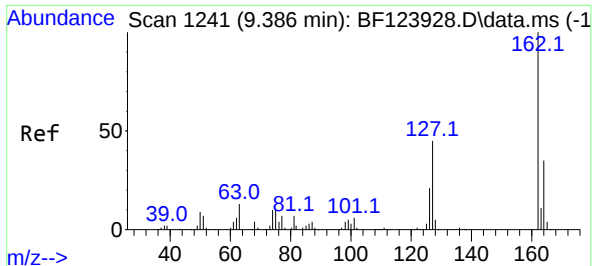
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#46
1,1'-Biphenyl
Concen: 43.96 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

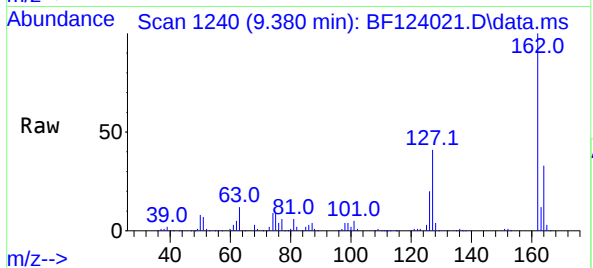
Tgt Ion:154 Resp: 394956
Ion Ratio Lower Upper
154 100
153 42.6 20.7 60.7
76 13.6 0.0 31.7





#47
2-Chloronaphthalene
Concen: 42.05 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

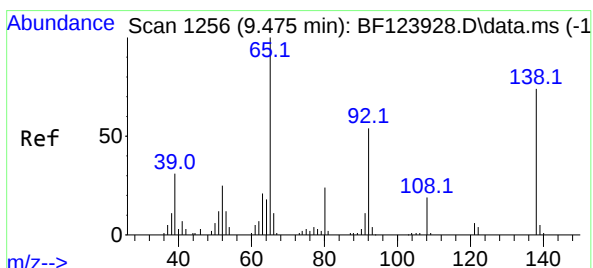
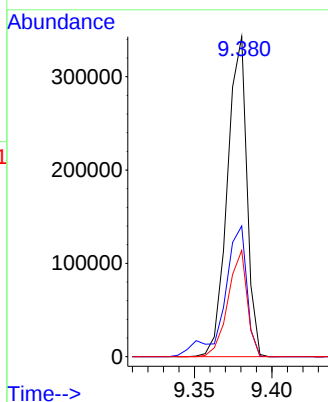
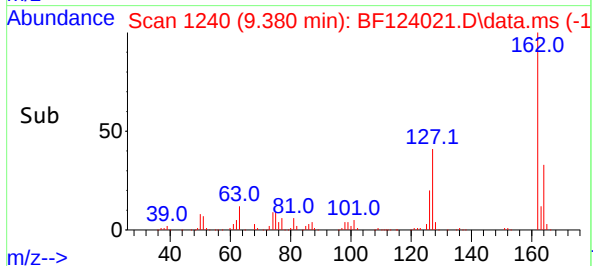
Instrument :
BNA_F
ClientSampleId :
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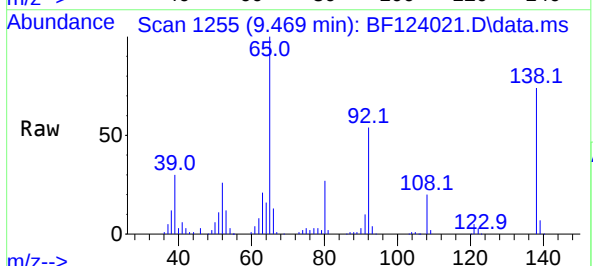
Tgt Ion:162 Resp: 300011
Ion Ratio Lower Upper
162 100
127 40.9 36.2 54.2
164 33.2 25.4 38.2

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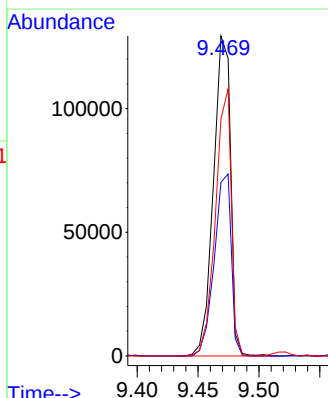
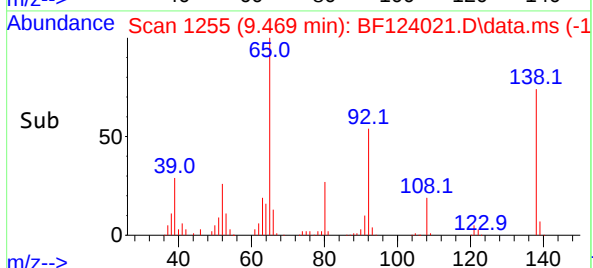
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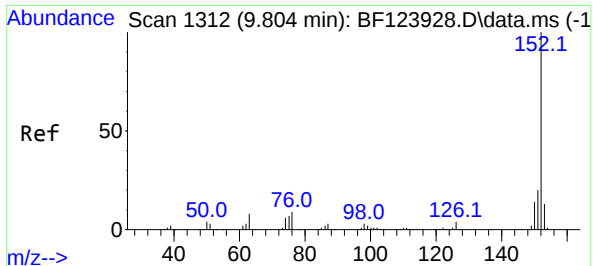


#48
2-Nitroaniline
Concen: 52.47 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



Tgt Ion: 65 Resp: 126433
Ion Ratio Lower Upper
65 100
92 54.2 47.1 70.7
138 74.0 70.2 105.2





#49

Acenaphthylene

Concen: 45.07 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

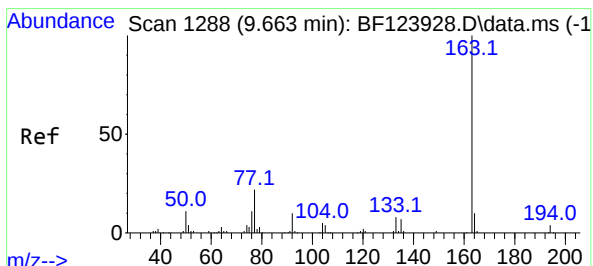
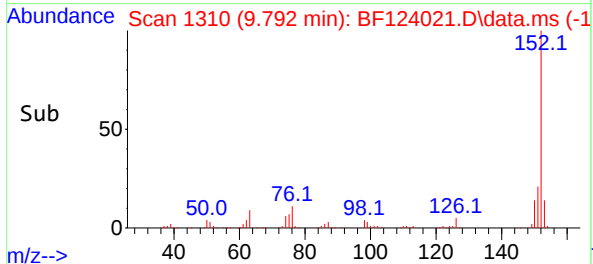
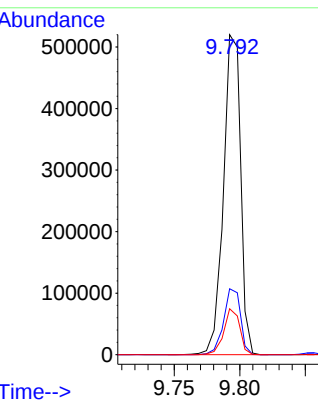
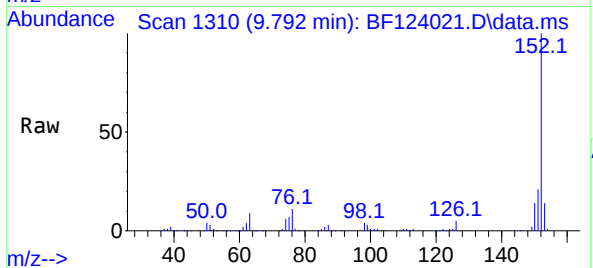
Tgt Ion:152 Resp: 475187

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.4 10.4 15.6



#50

Dimethylphthalate

Concen: 48.28 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

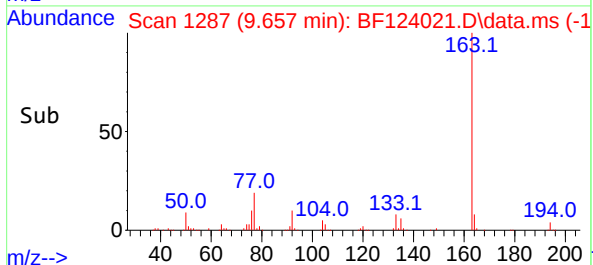
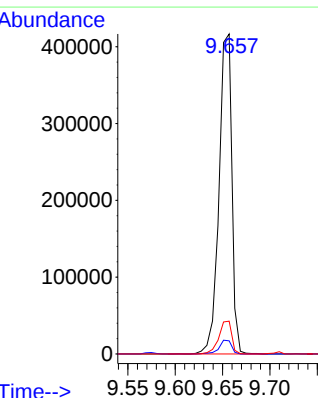
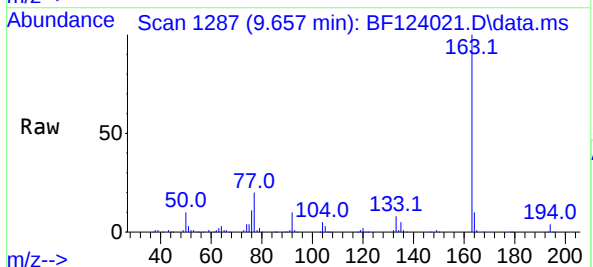
Tgt Ion:163 Resp: 393244

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.2 12.2



Instrument :

BNA_F

ClientSampleId :

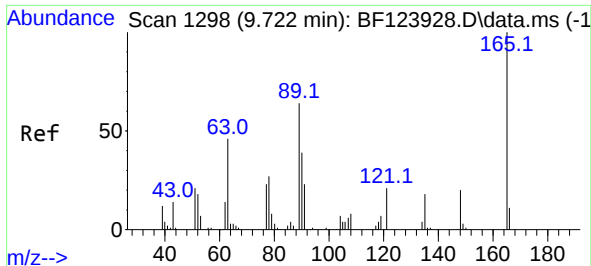
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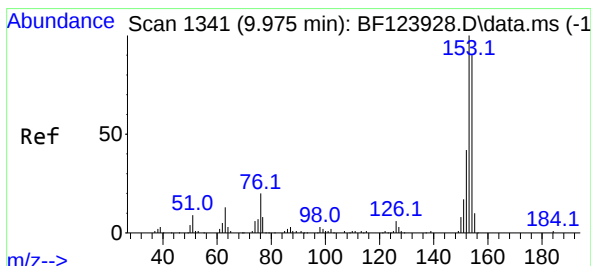
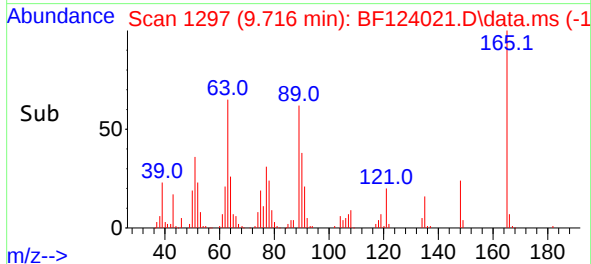
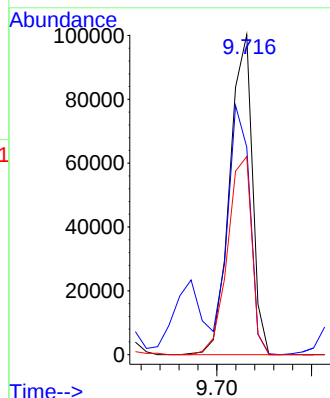
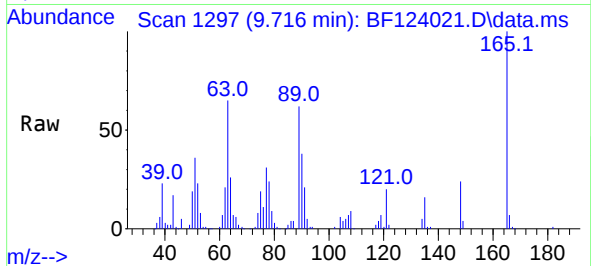
#51
2,6-Dinitrotoluene
Concen: 50.46 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:165 Resp: 83114
Ion Ratio Lower Upper
165 100
63 64.9 67.7 101.5#
89 61.9 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
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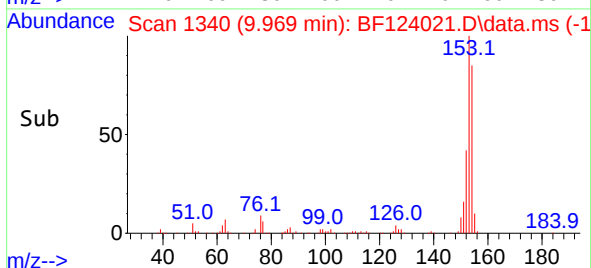
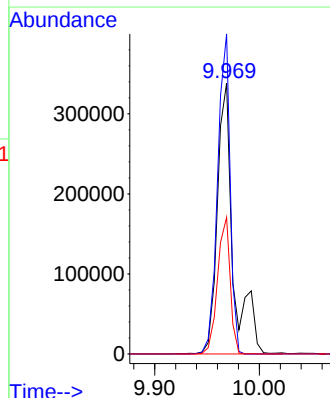
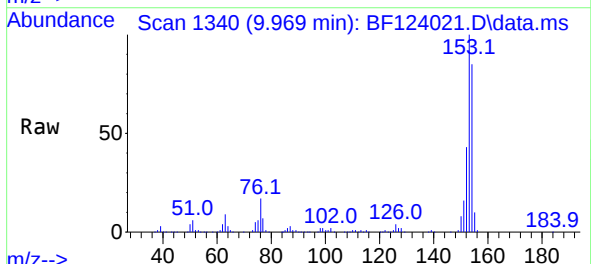
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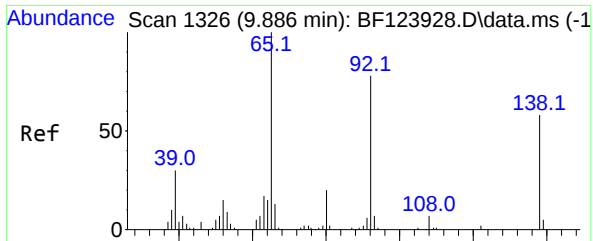
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#52
Acenaphthene
Concen: 49.75 ng m
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:154 Resp: 359076
Ion Ratio Lower Upper
154 100
153 118.2 88.1 132.1
152 50.5 43.4 65.0





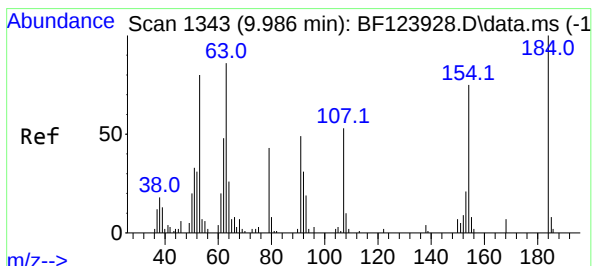
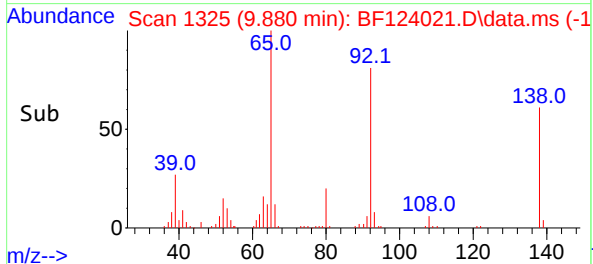
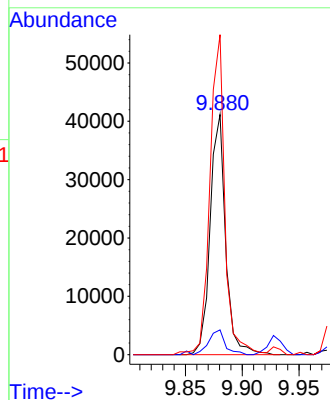
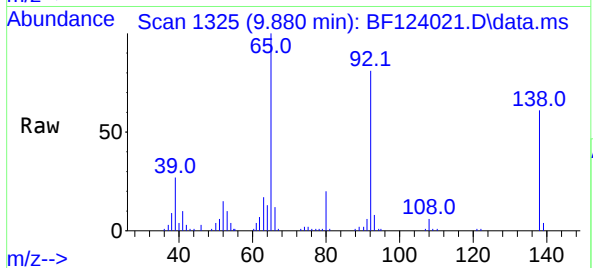
#53
3-Nitroaniline
Concen: 23.74 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:138 Resp: 38854
Ion Ratio Lower Upper
138 100
108 10.3 10.2 15.4
92 133.3 103.3 154.9

Instrument :
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ClientSampleId :
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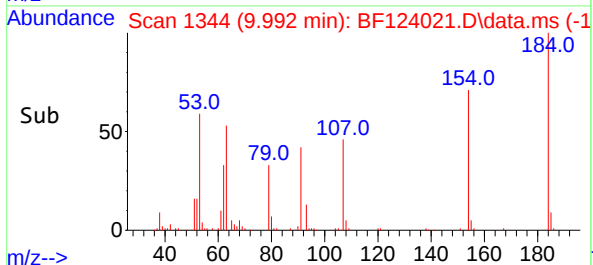
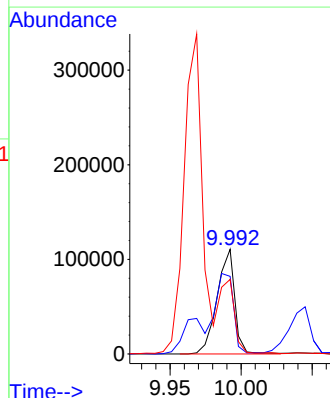
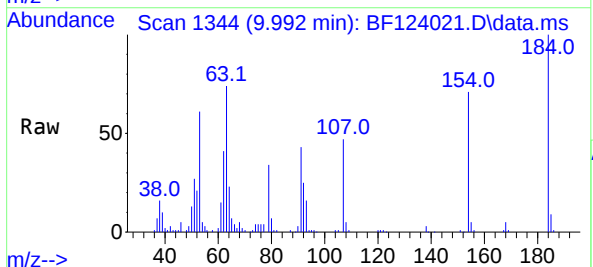
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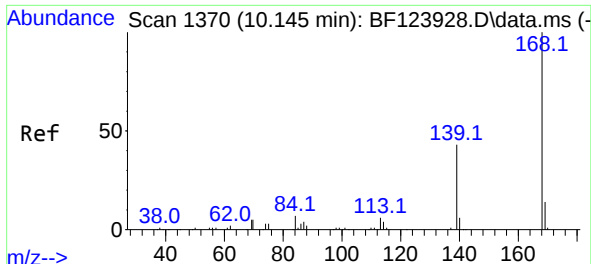
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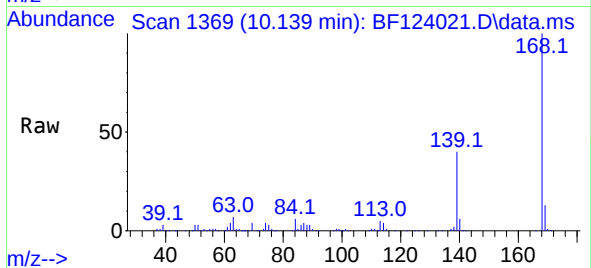
#54
2,4-Dinitrophenol
Concen: 105.46 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:184 Resp: 95633
Ion Ratio Lower Upper
184 100
63 74.1 73.5 110.3
154 71.3 52.5 78.7

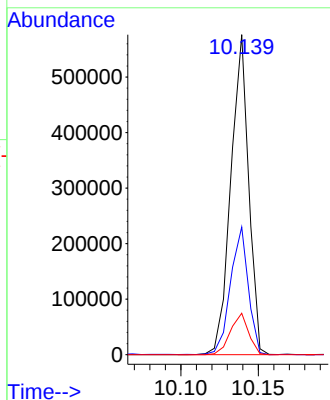
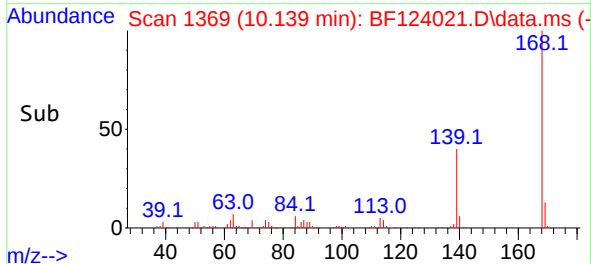




#55
Dibenzofuran
Concen: 44.51 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



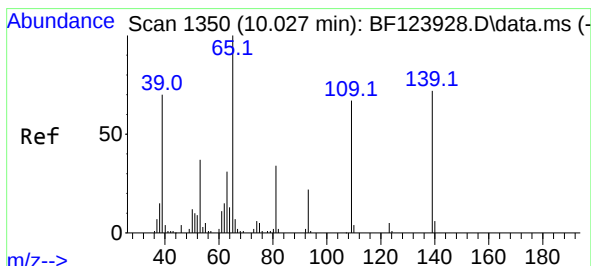
Tgt Ion:168 Resp: 461305
Ion Ratio Lower Upper
168 100
139 39.9 33.2 49.8
169 13.0 10.8 16.2



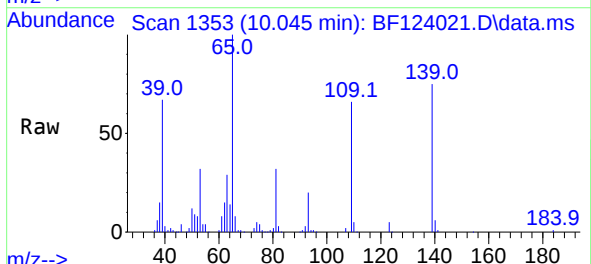
Instrument :
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ClientSampleId :
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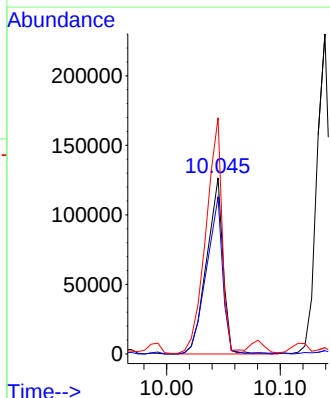
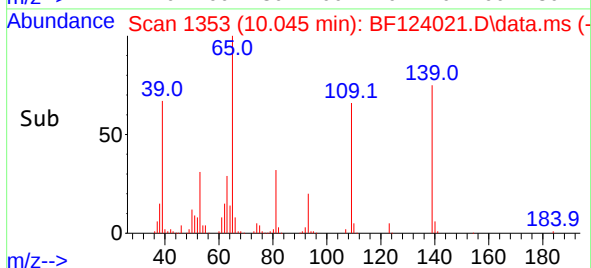
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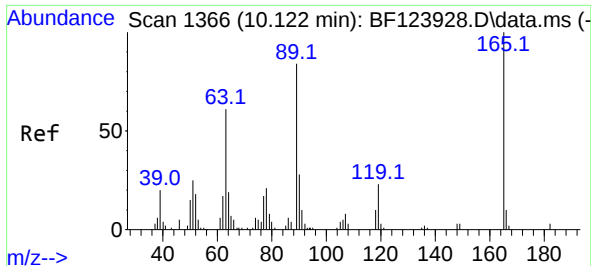


#56
4-Nitrophenol
Concen: 93.92 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

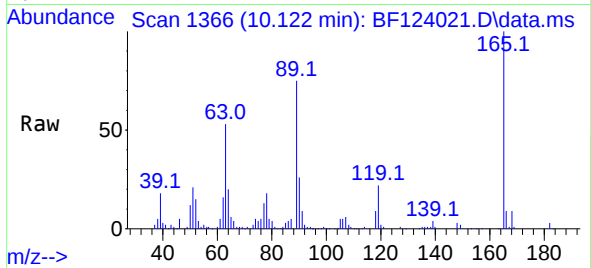


Tgt Ion:139 Resp: 127171
Ion Ratio Lower Upper
139 100
109 89.1 63.2 103.2
65 134.1 110.0 150.0

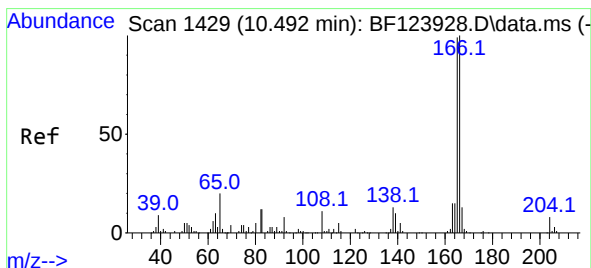
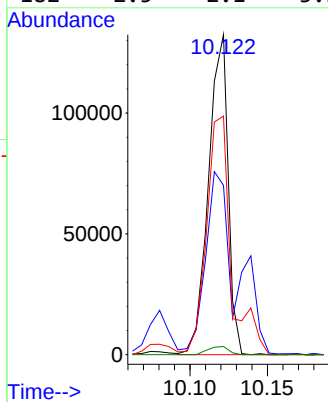
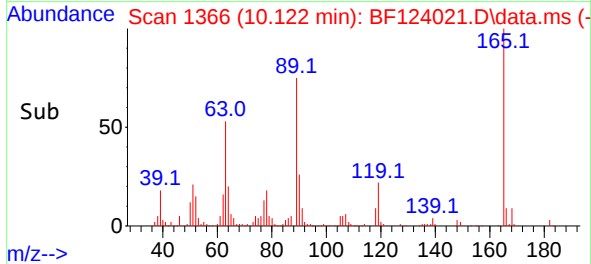




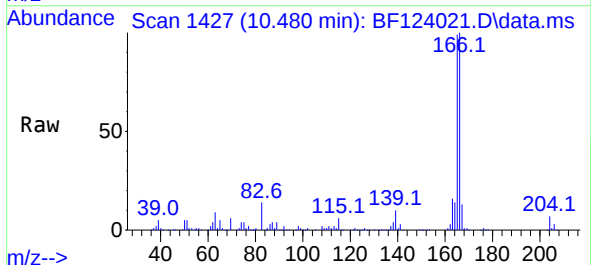
#57
2,4-Dinitrotoluene
Concen: 57.82 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



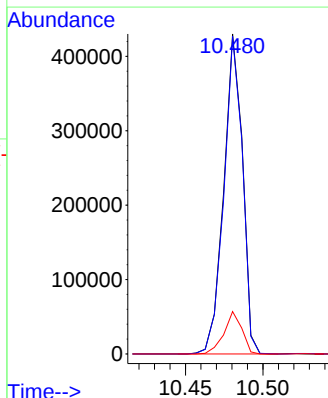
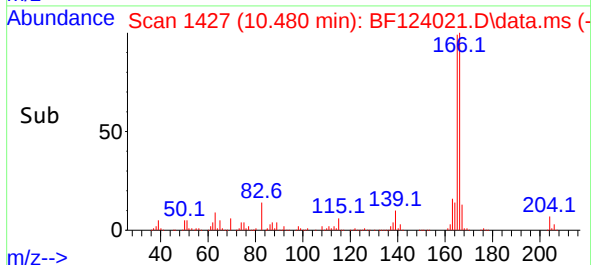
Tgt Ion:165 Resp: 116801
Ion Ratio Lower Upper
165 100
63 52.9 43.5 65.3
89 74.6 67.7 101.5
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.32 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



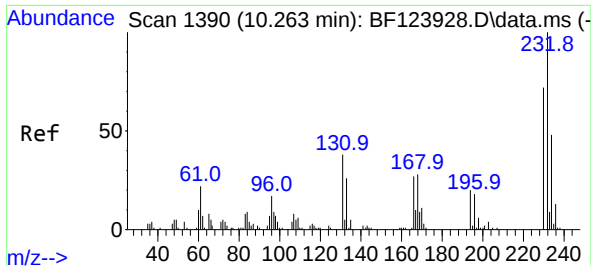
Tgt Ion:166 Resp: 361829
Ion Ratio Lower Upper
166 100
165 99.2 73.5 110.3
167 13.3 10.7 16.1



Instrument :
BNA_F
ClientSampleId :
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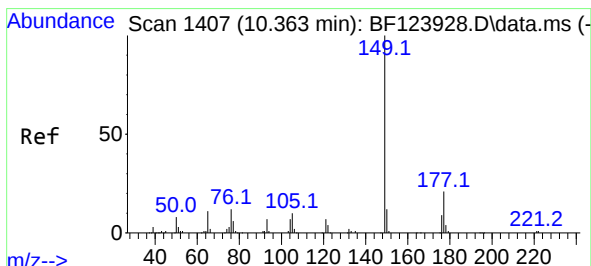
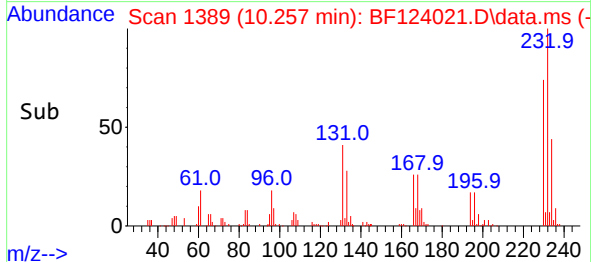
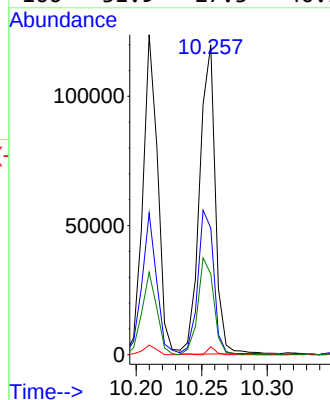
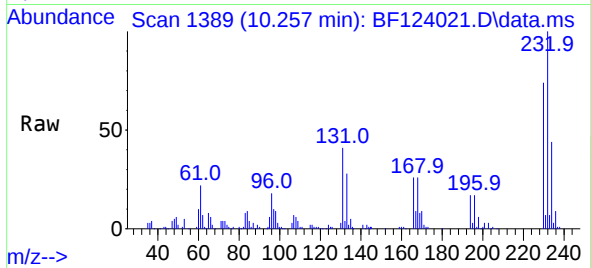
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.84 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF124021.D
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Tgt Ion:	232	Resp:	99600
Ion Ratio	Lower	Upper	
232	100		
131	47.7	43.2	64.8
130	1.4	2.2	3.2#
166	31.9	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

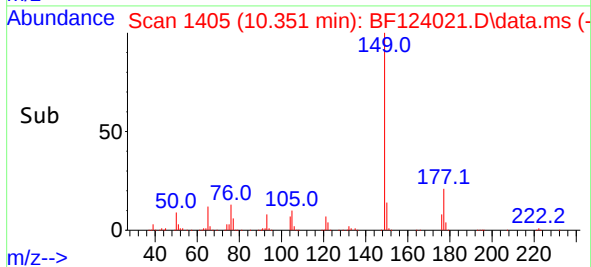
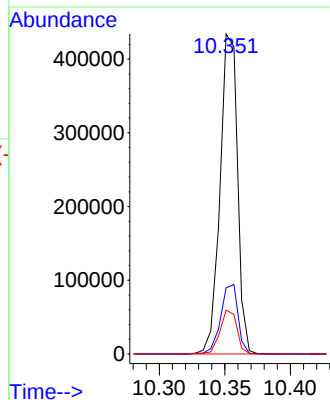
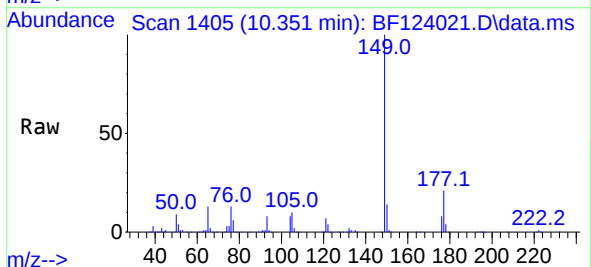
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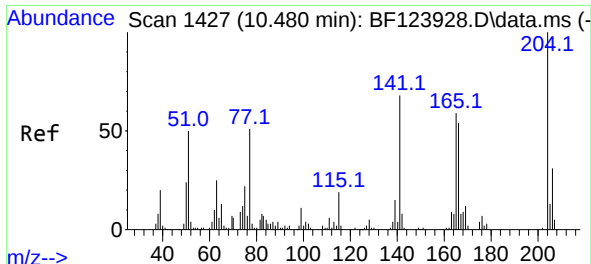
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#60
Diethylphthalate
Concen: 49.77 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	149	Resp:	401433
Ion Ratio	Lower	Upper	
149	100		
177	20.7	15.4	23.2
150	13.7	9.9	14.9





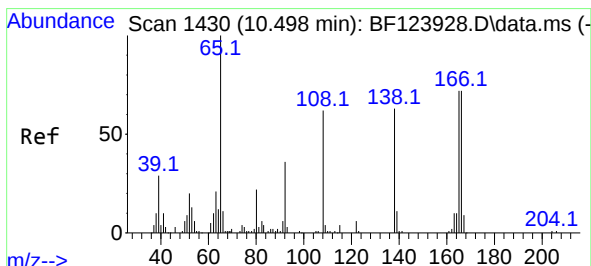
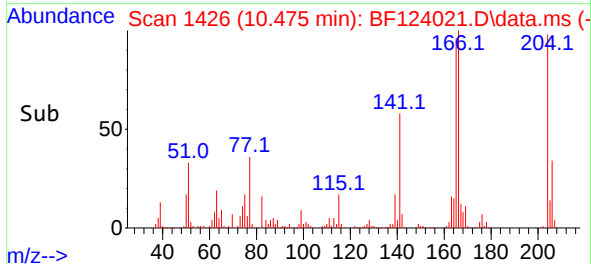
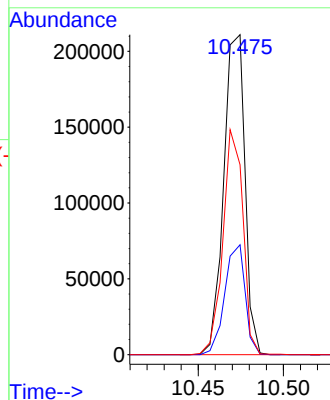
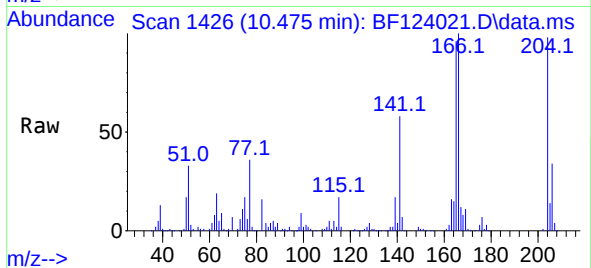
#61
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:204 Resp: 183411
Ion Ratio Lower Upper
204 100
206 34.4 25.7 38.5
141 59.3 55.5 83.3

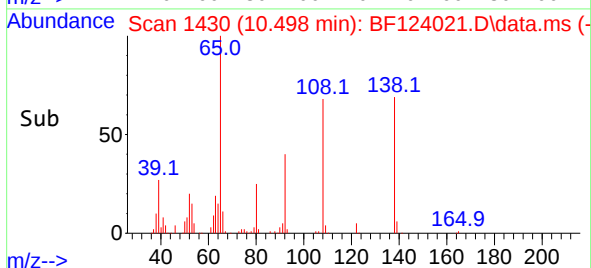
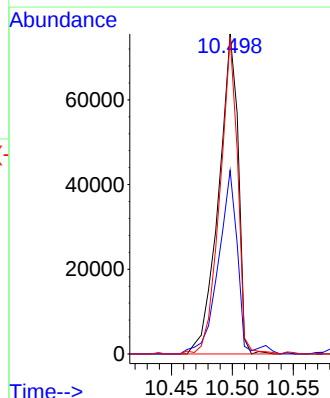
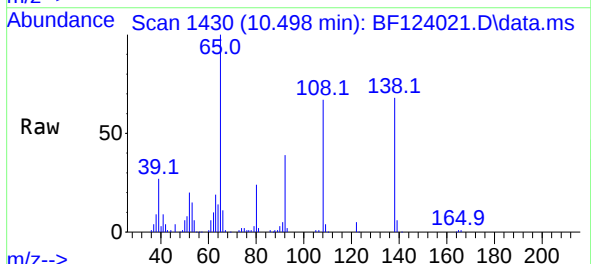
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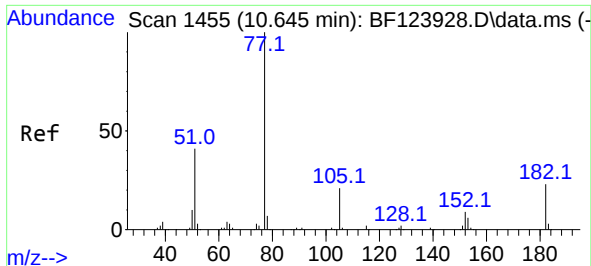
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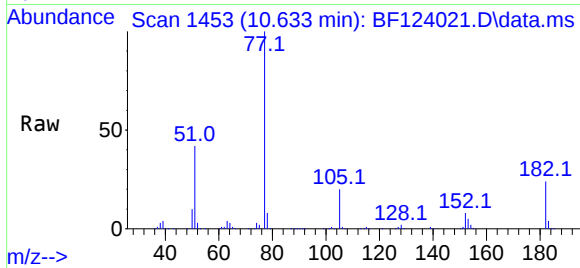
#62
4-Nitroaniline
Concen: 51.76 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:138 Resp: 84272
Ion Ratio Lower Upper
138 100
92 57.3 35.8 75.8
108 98.9 63.6 103.6

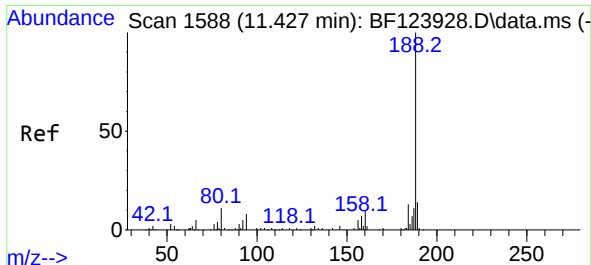
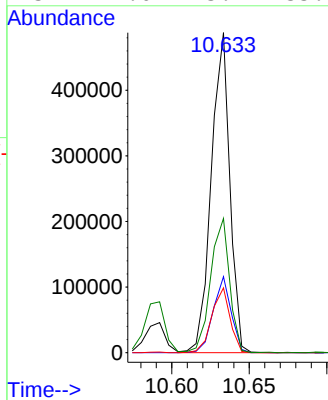
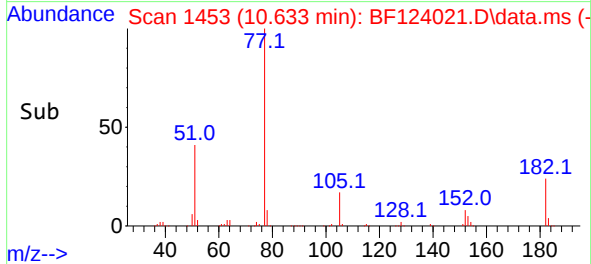




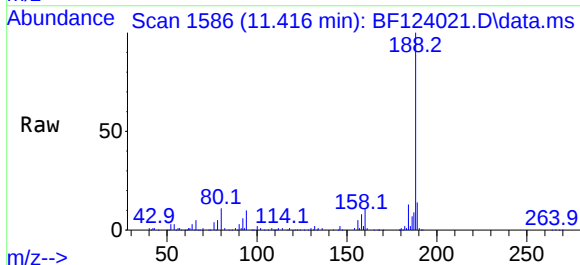
#63
Azobenzene
Concen: 45.18 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



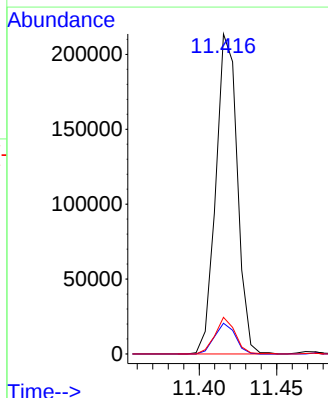
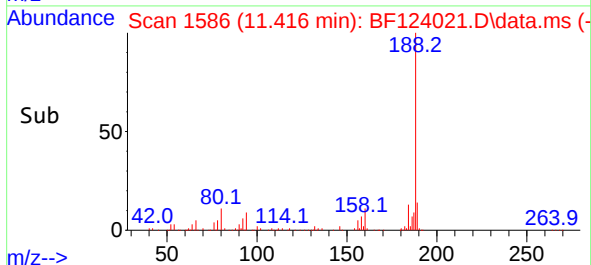
Tgt Ion: 77 Resp: 405306
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 20.3 1.7 41.7
51 42.0 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



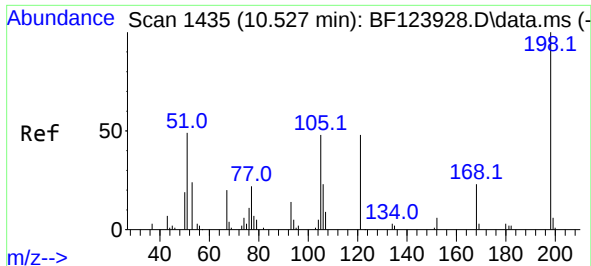
Tgt Ion: 188 Resp: 205560
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 11.5 8.2 12.2



Instrument :
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ClientSampleId :
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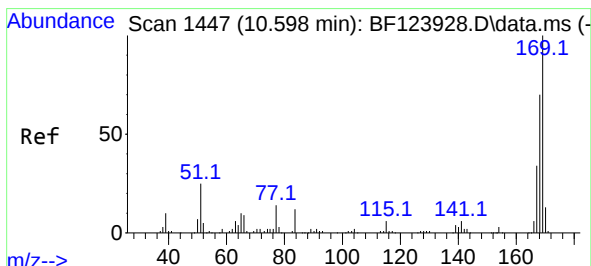
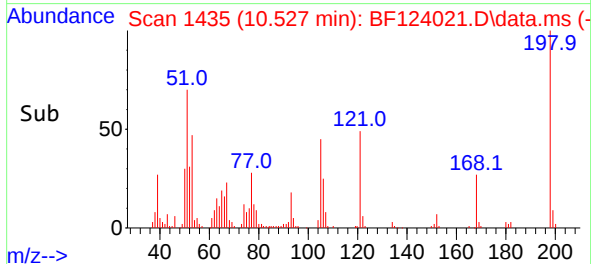
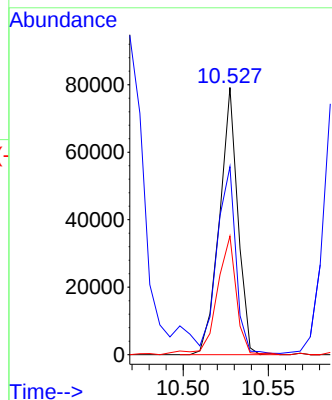
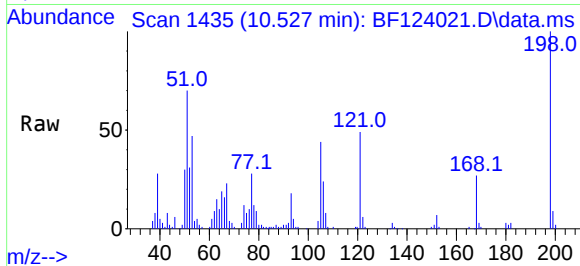
#65
4,6-Dinitro-2-methylphenol
Concen: 45.15 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:198 Resp: 59307
Ion Ratio Lower Upper
198 100
51 70.4 64.8 104.8
105 44.4 42.6 82.6

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

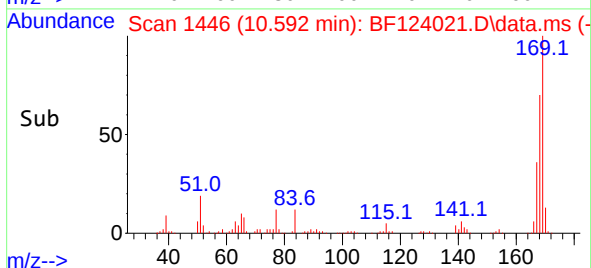
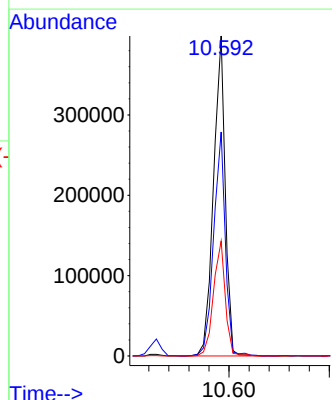
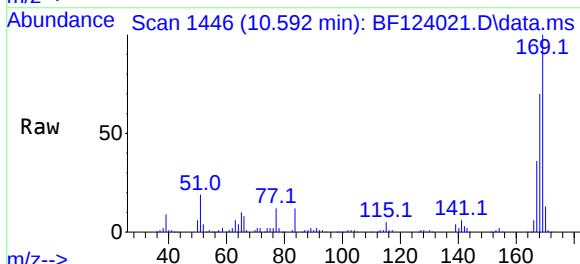
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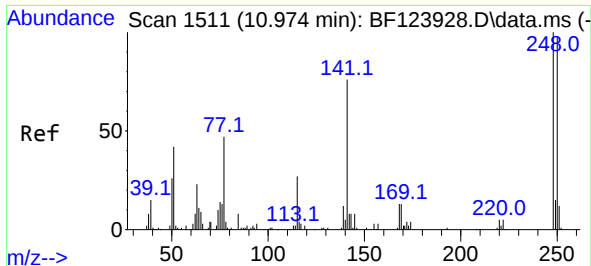
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#66
n-Nitrosodiphenylamine
Concen: 41.07 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:169 Resp: 322561
Ion Ratio Lower Upper
169 100
168 70.0 53.3 79.9
167 35.9 29.9 44.9





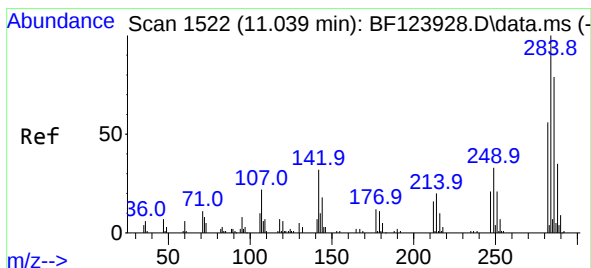
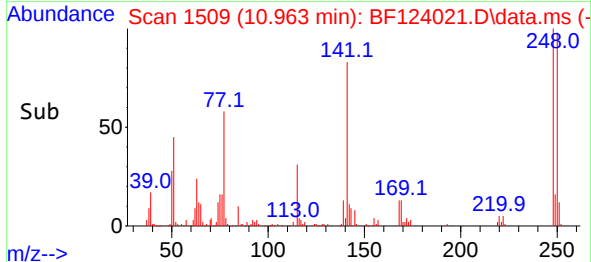
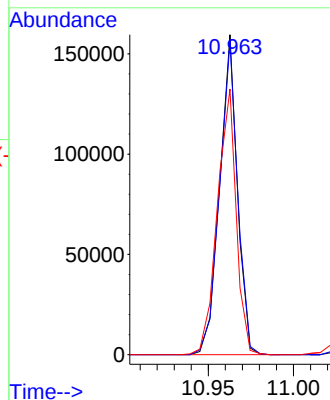
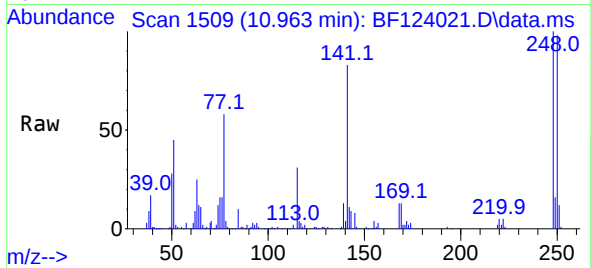
#67
4-Bromophenyl-phenylether
Concen: 42.71 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:248 Resp: 115383
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.2
141 83.0 63.7 95.5

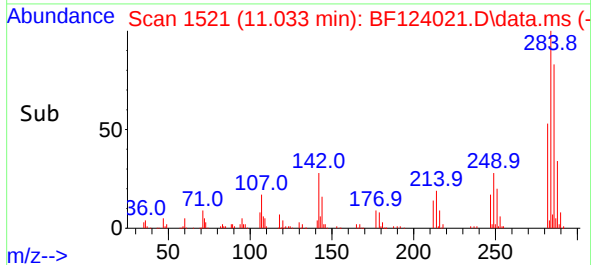
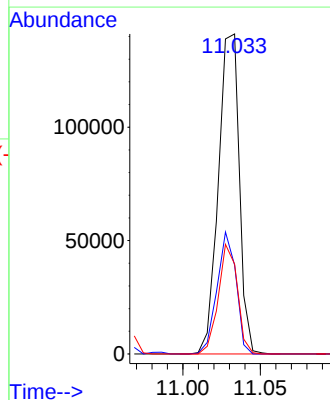
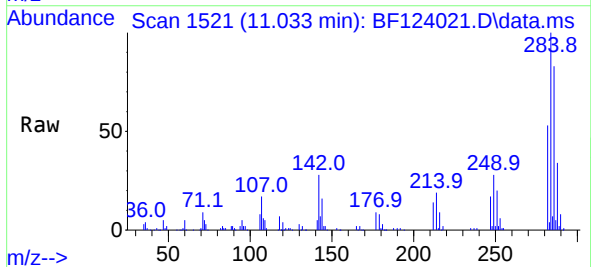
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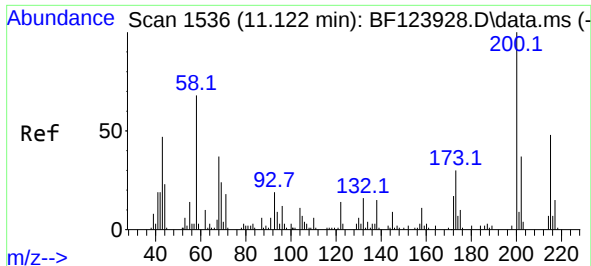
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#68
Hexachlorobenzene
Concen: 44.02 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:284 Resp: 132750
Ion Ratio Lower Upper
284 100
142 27.7 28.3 42.5#
249 28.1 23.5 35.3





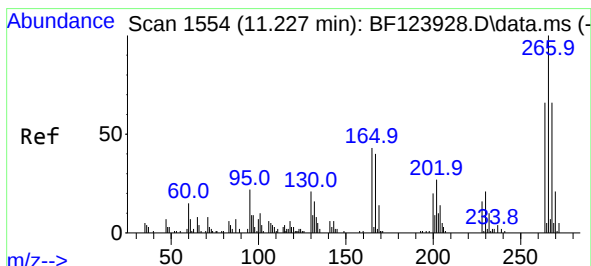
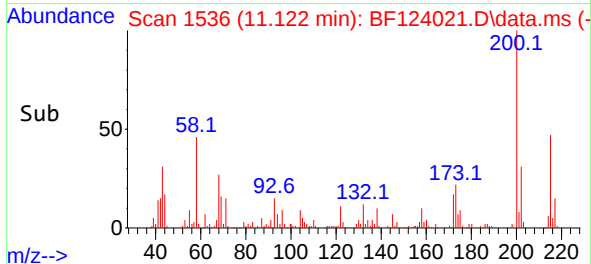
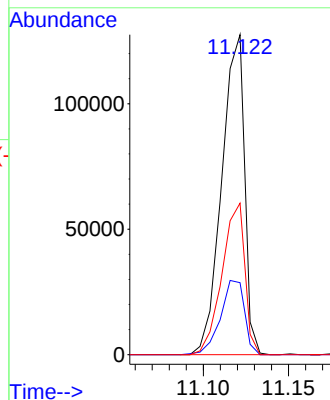
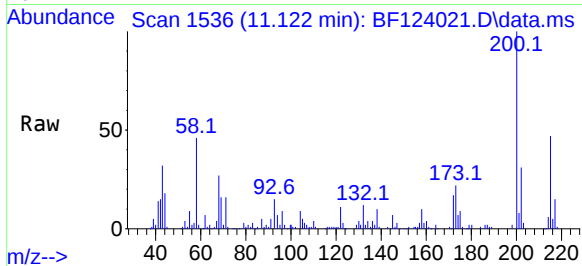
#69
Atrazine
Concen: 53.59 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:200 Resp: 118885
Ion Ratio Lower Upper
200 100
173 22.5 6.9 46.9
215 47.3 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

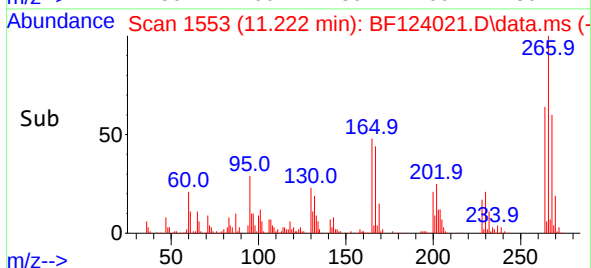
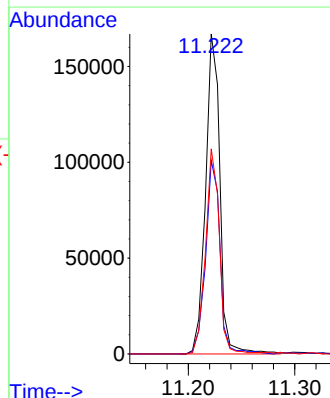
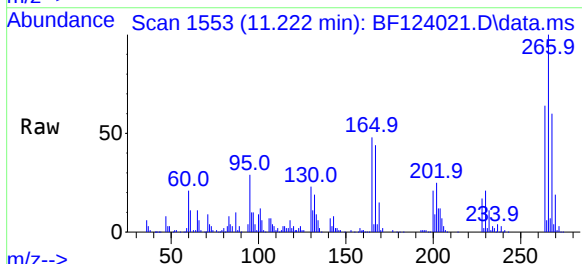
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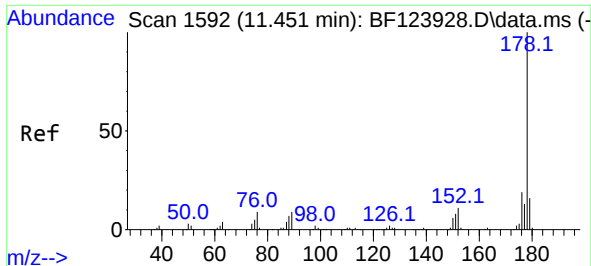
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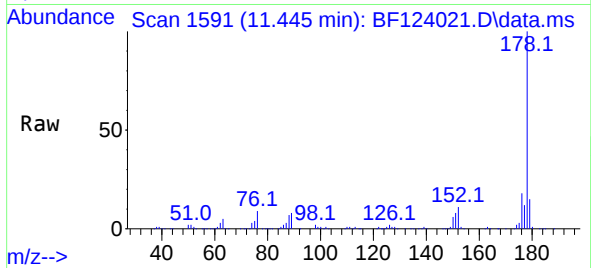
#70
Pentachlorophenol
Concen: 87.36 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:266 Resp: 156201
Ion Ratio Lower Upper
266 100
268 60.4 51.6 77.4
264 64.1 52.6 78.8

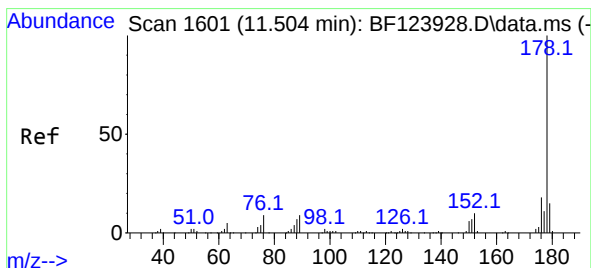
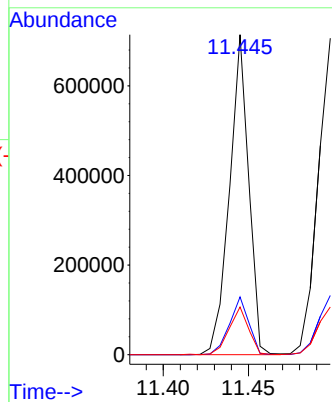
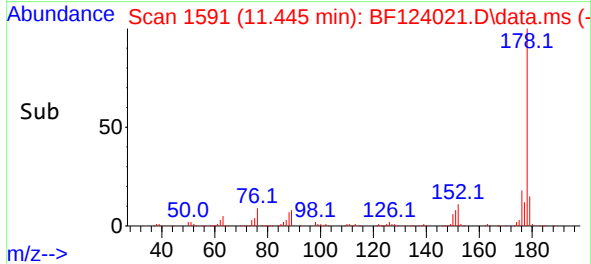




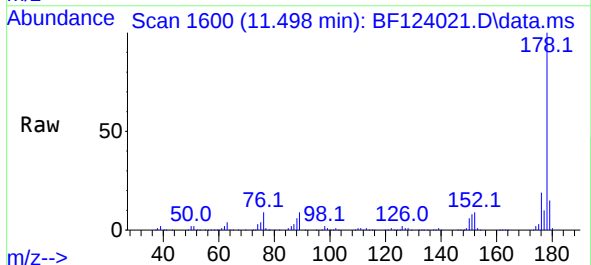
#71
Phenanthrene
Concen: 42.98 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



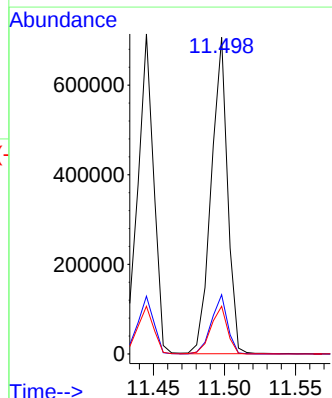
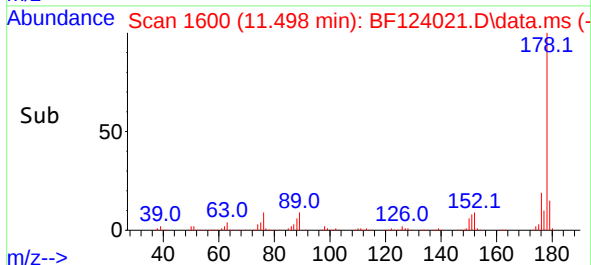
Tgt Ion:178 Resp: 559893
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 14.9 12.5 18.7



#72
Anthracene
Concen: 42.69 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



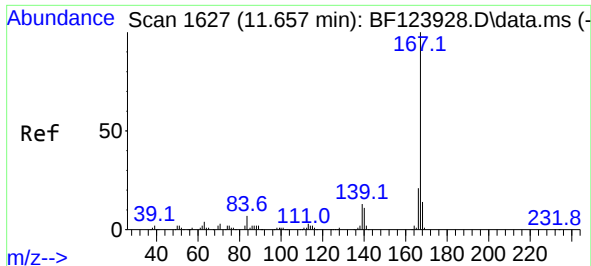
Tgt Ion:178 Resp: 563530
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.1 12.6 18.8



Instrument :
BNA_F
ClientSampleId :
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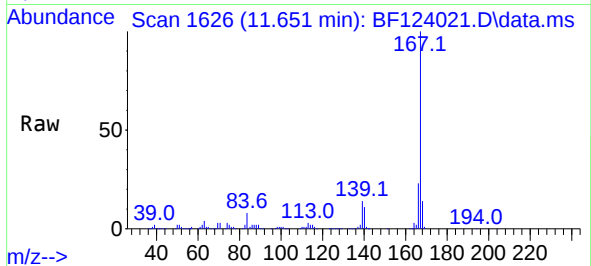
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#73
 Carbazole
 Concen: 41.46 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. -0.006 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-AMS

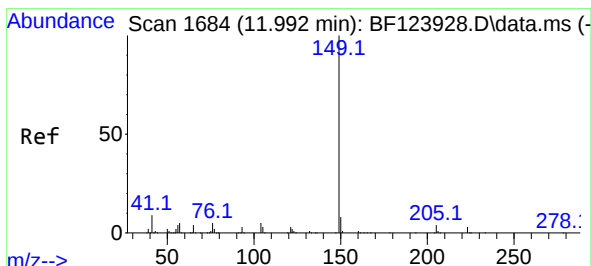
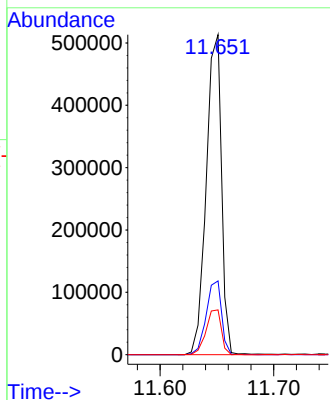


Tgt Ion:167 Resp: 478853

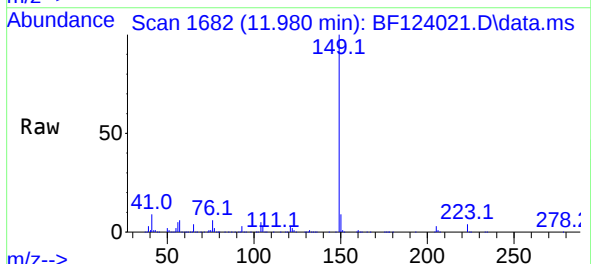
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.0	25.6
139	14.0	10.4	15.6

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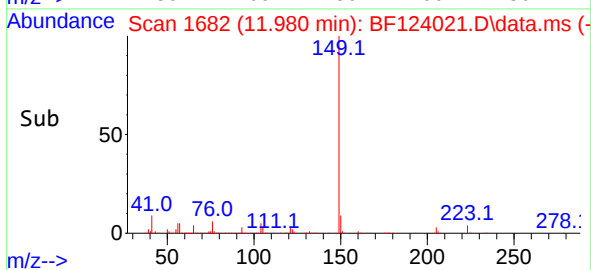
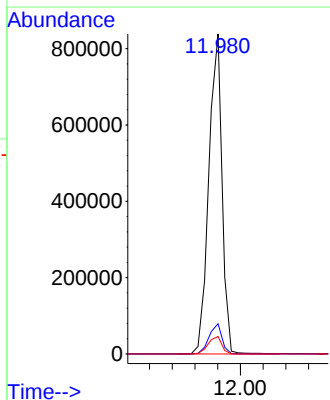


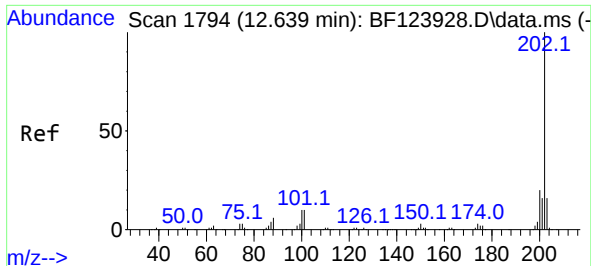
#74
 Di-n-butylphthalate
 Concen: 46.76 ng
 RT: 11.980 min Scan# 1682
 Delta R.T. -0.012 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41



Tgt Ion:149 Resp: 675938

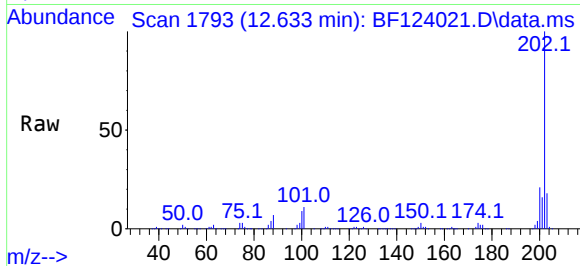
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	5.4	4.6	6.8





#75
Fluoranthene
Concen: 44.02 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

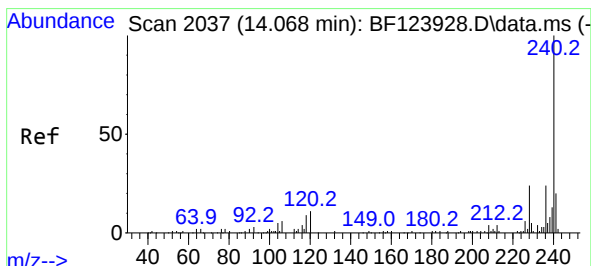
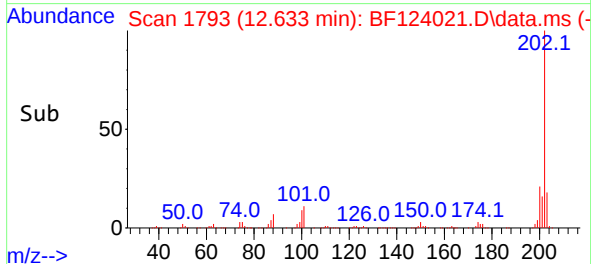
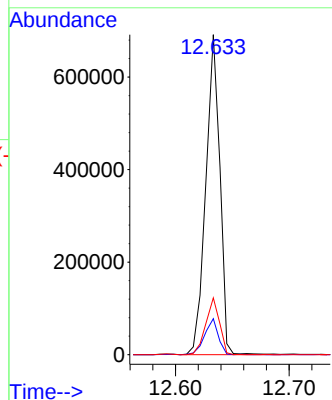
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS



Tgt Ion:202 Resp: 593810
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 17.8 0.0 37.5

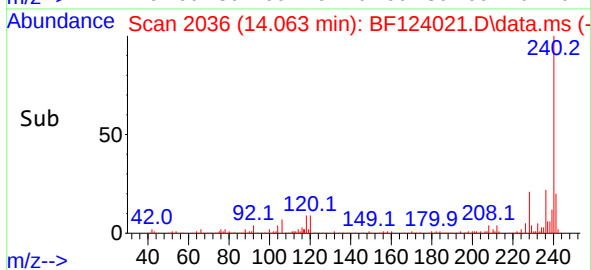
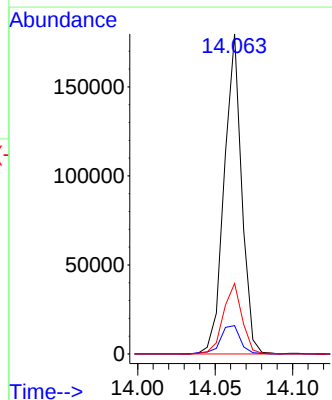
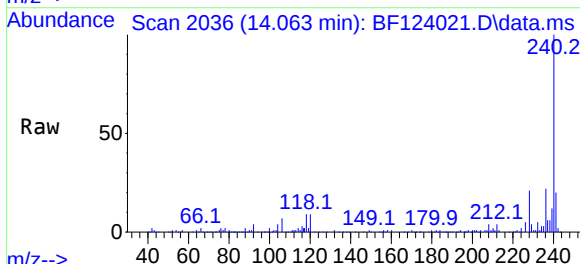
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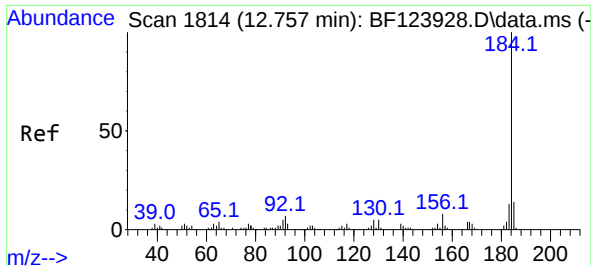
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:240 Resp: 140650
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 22.1 19.0 28.4





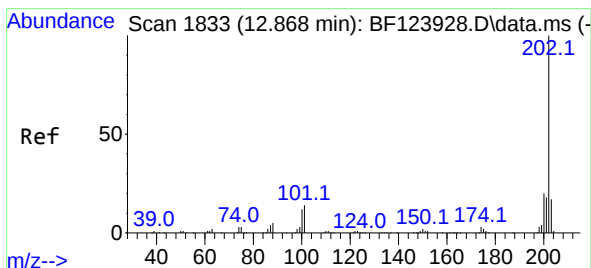
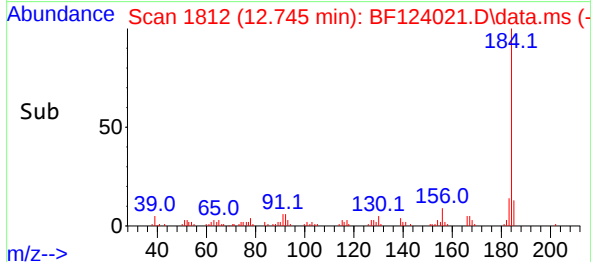
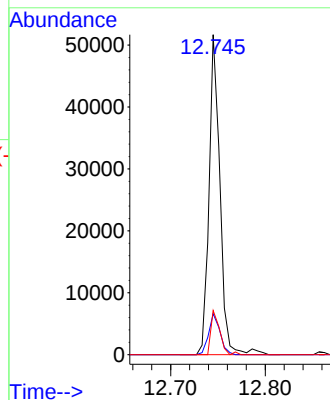
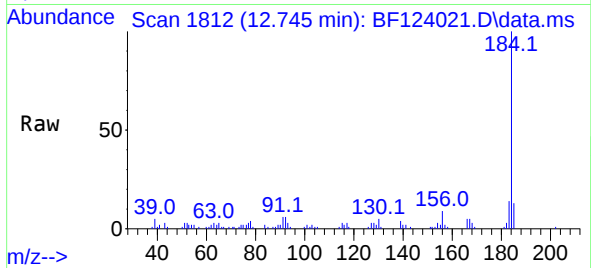
#77
Benzidine
Concen: 12.22 ng m
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:184 Resp: 41480
Ion Ratio Lower Upper
184 100
185 12.8 12.1 18.1
183 13.8 7.8 11.8#

Instrument :
BNA_F
ClientSampleId :
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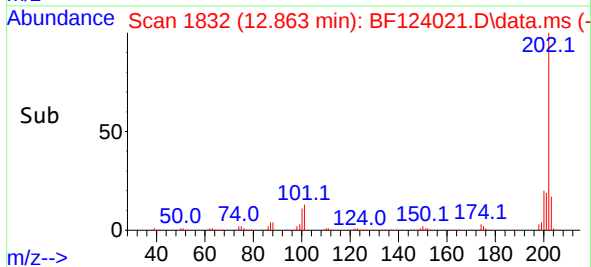
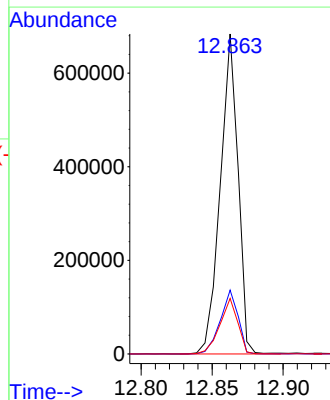
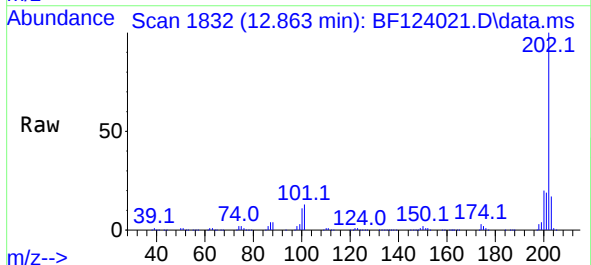
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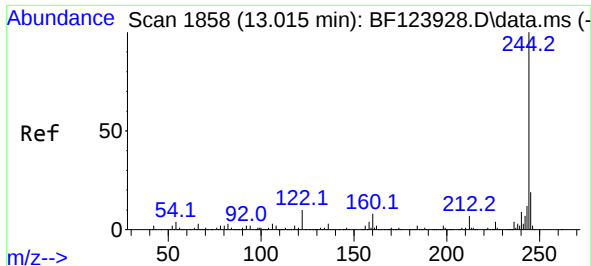
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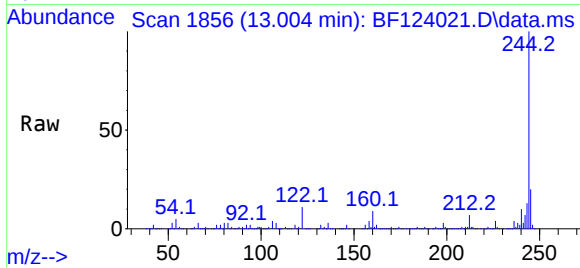
#78
Pyrene
Concen: 47.49 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:202 Resp: 593022
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.4 14.8 22.2

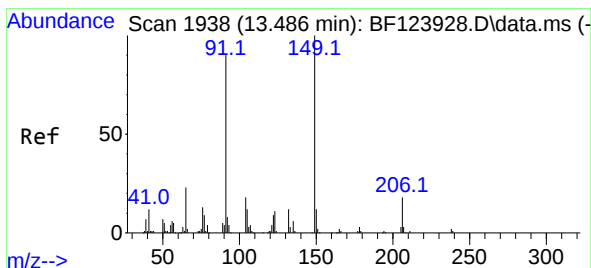
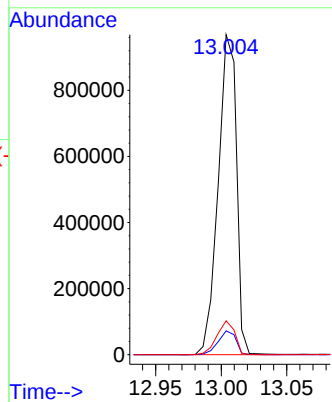
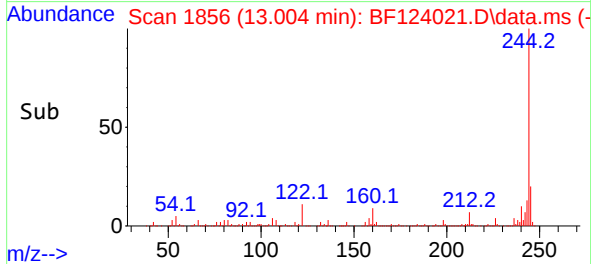




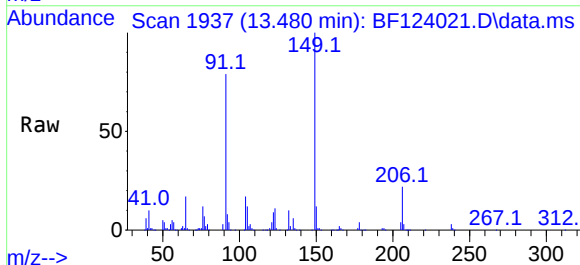
#79
Terphenyl-d14
Concen: 101.00 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



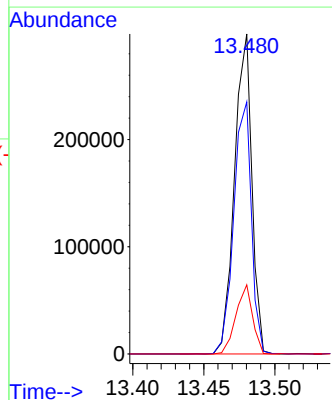
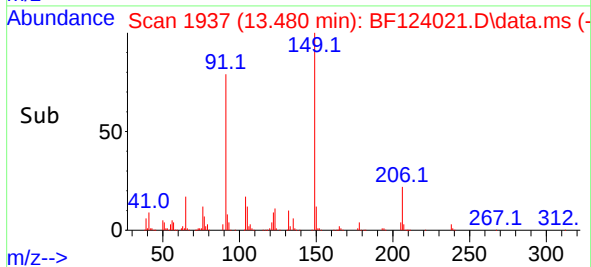
Tgt Ion:244 Resp: 937988
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.6 9.7 14.5



#80
Butylbenzylphthalate
Concen: 51.75 ng
RT: 13.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



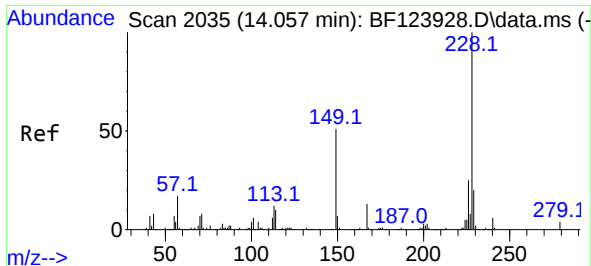
Tgt Ion:149 Resp: 253406
Ion Ratio Lower Upper
149 100
91 78.8 63.6 95.4
206 21.6 14.5 21.7



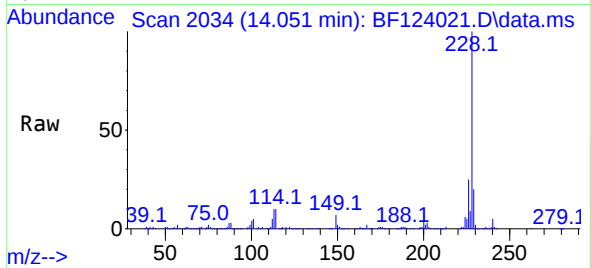
Instrument :
BNA_F
ClientSampleId :
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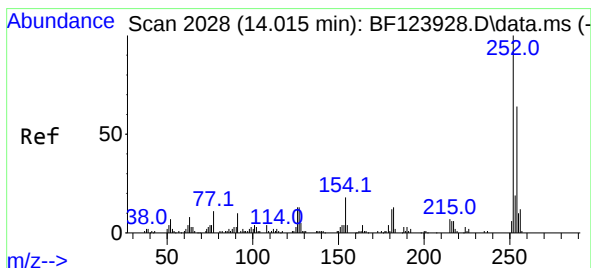
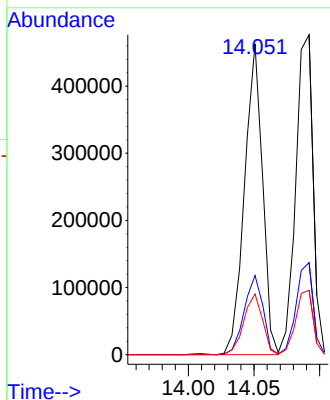
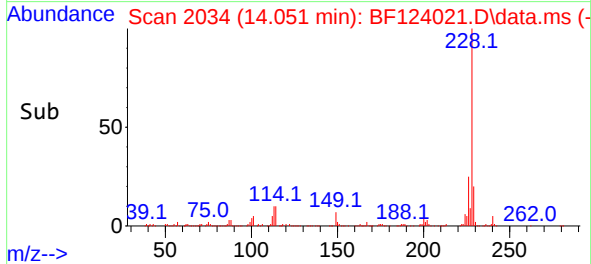
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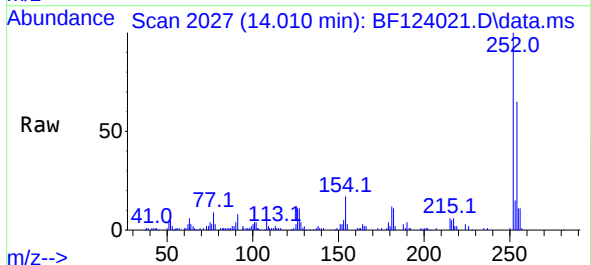
#81
Benzo(a)anthracene
Concen: 43.50 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



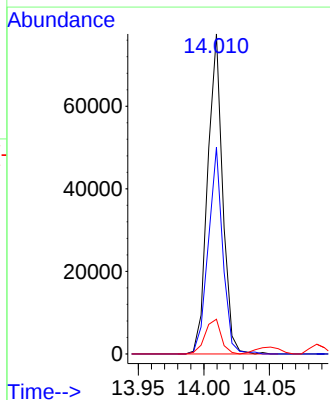
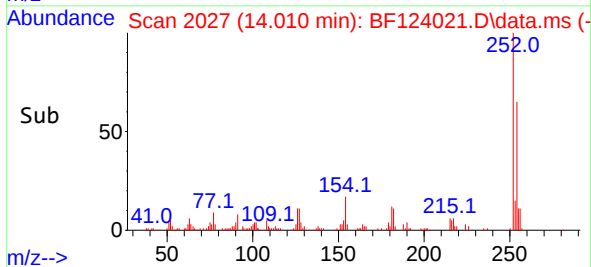
Tgt Ion:228 Resp: 442436
Ion Ratio Lower Upper
228 100
226 25.5 22.4 33.6
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 19.43 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



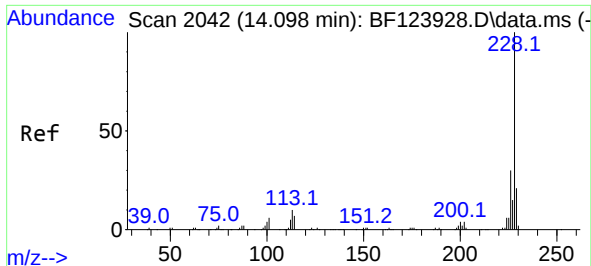
Tgt Ion:252 Resp: 61411
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 10.8 7.7 11.5



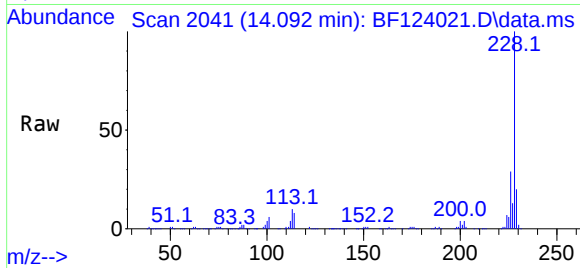
Instrument :
BNA_F
ClientSampleId :
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#83
Chrysene
Concen: 44.66 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

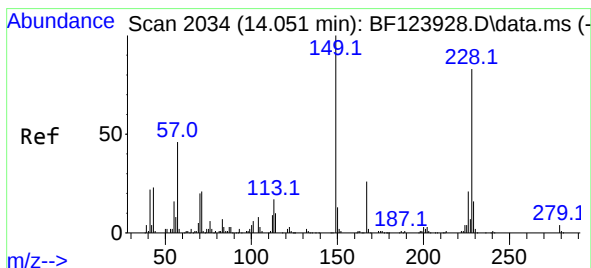
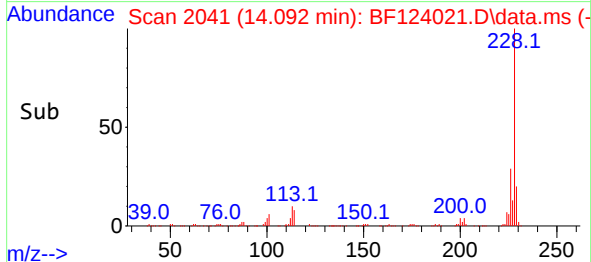
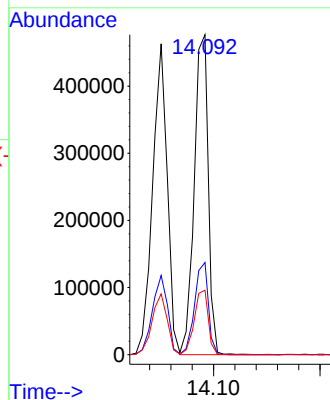


Tgt Ion:228 Resp: 436966
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.1 16.2 24.2

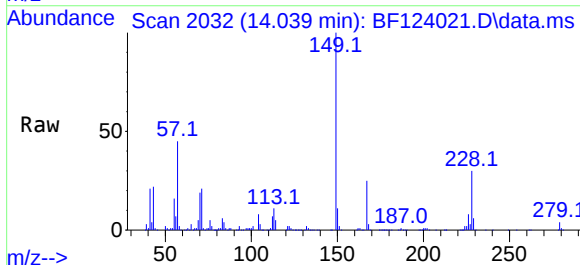
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JG-SPOILS-5-11-21-AMS

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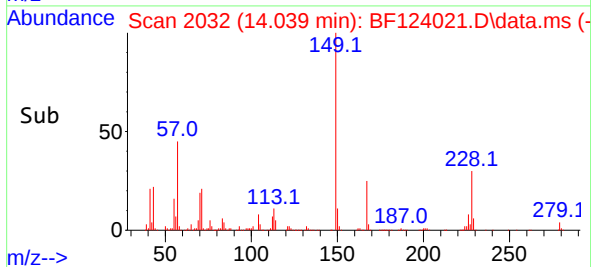
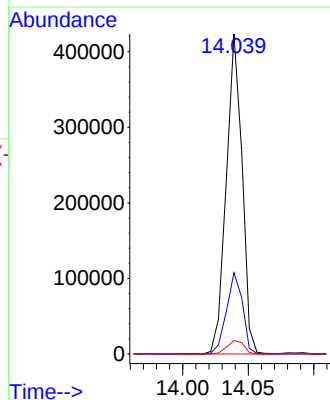
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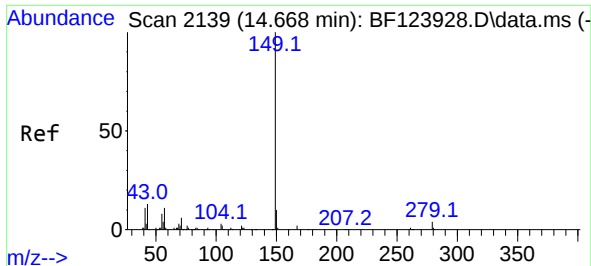


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.37 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41



Tgt Ion:149 Resp: 354974
Ion Ratio Lower Upper
149 100
167 25.4 21.8 32.6
279 4.2 3.3 4.9





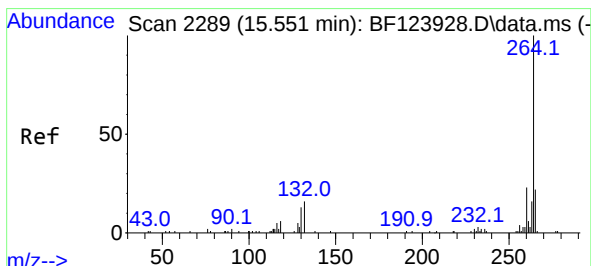
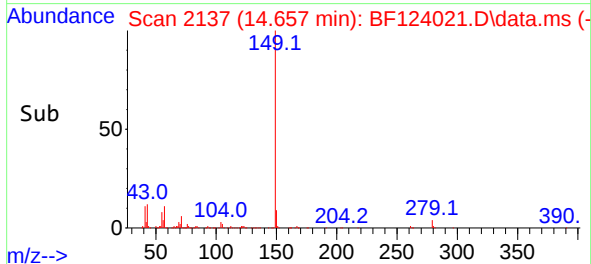
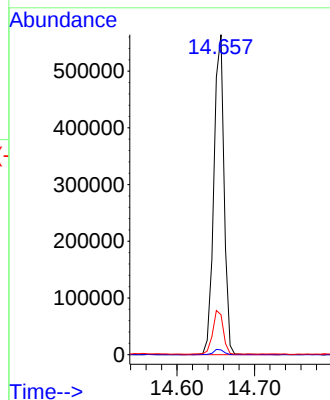
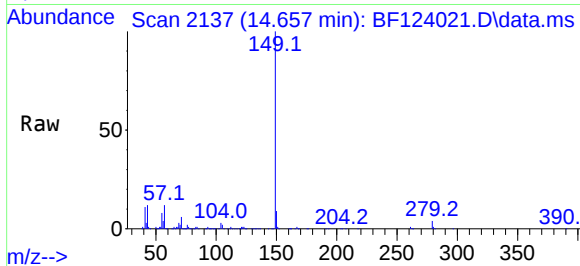
#85
Di-n-octyl phthalate
Concen: 49.33 ng
RT: 14.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:149 Resp: 515243
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.2 11.8 17.6

Instrument :
BNA_F
ClientSampleId :
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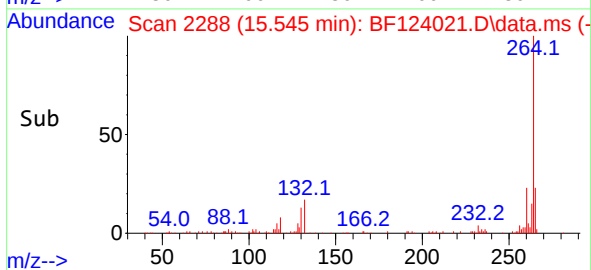
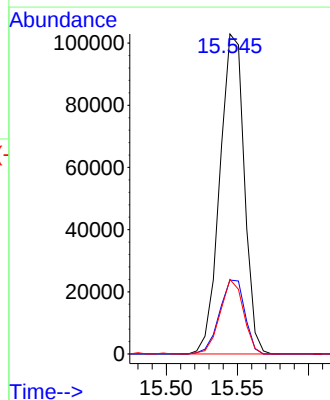
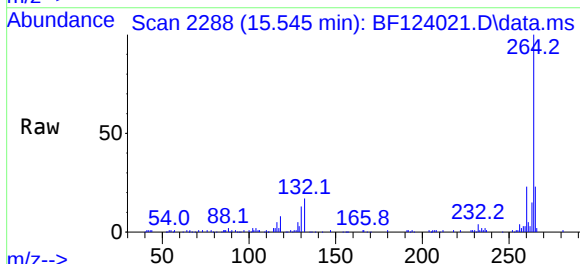
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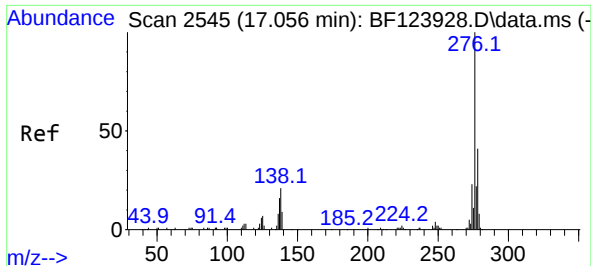
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:264 Resp: 123010
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 23.3 17.8 26.8





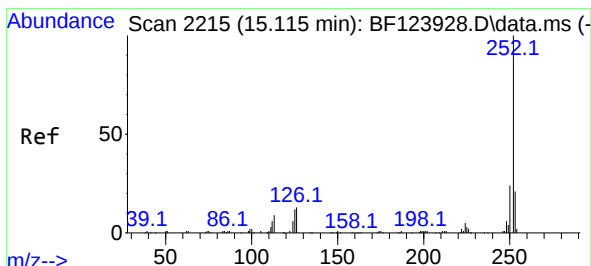
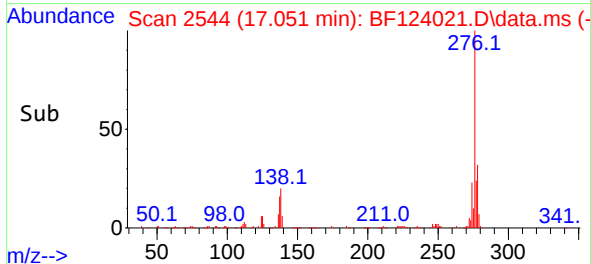
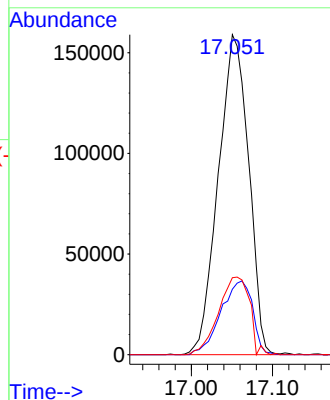
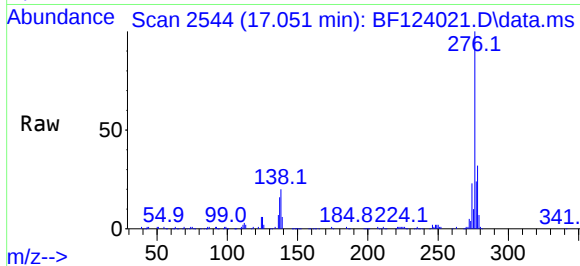
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.50 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 276 Resp: 413280
Ion Ratio Lower Upper
276 100
138 24.1 16.2 24.2
277 24.8 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
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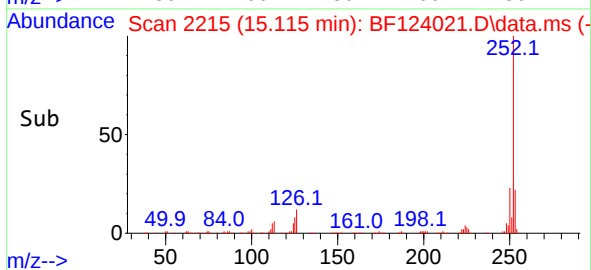
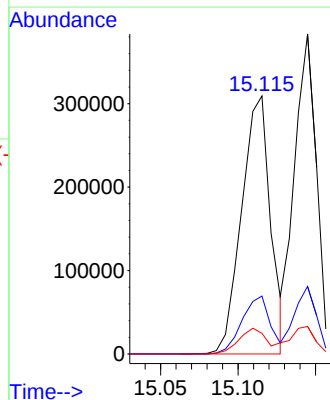
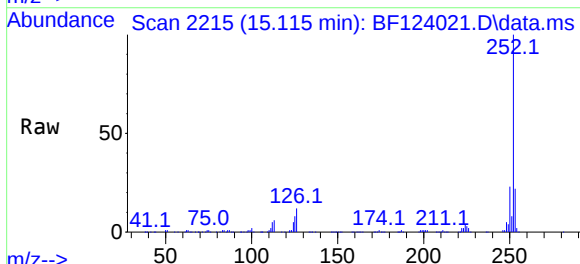
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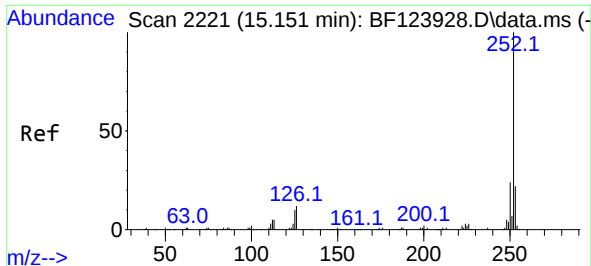
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#88
Benzo(b)fluoranthene
Concen: 42.19 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 252 Resp: 401463
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.0 6.2 9.4





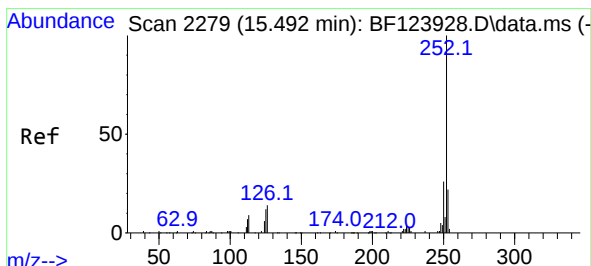
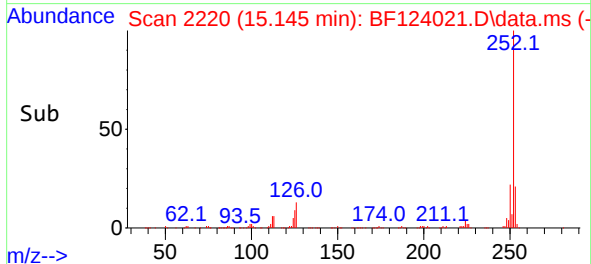
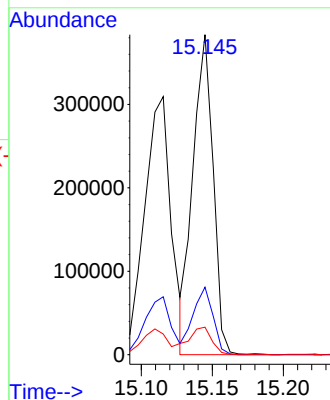
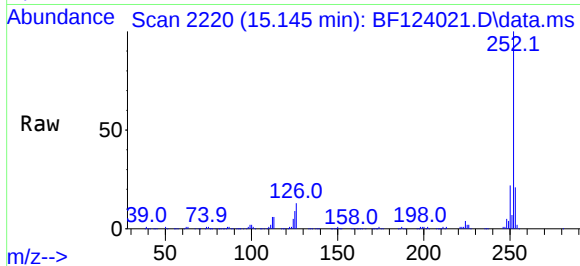
#89
Benzo(k)fluoranthene
Concen: 43.63 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:252 Resp: 378345
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 8.6 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

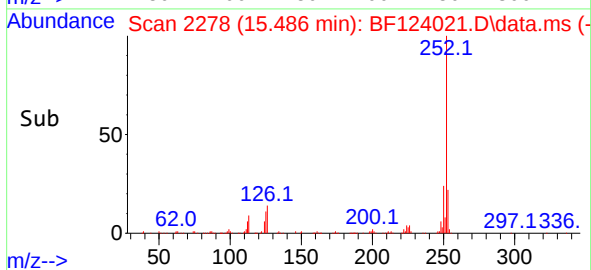
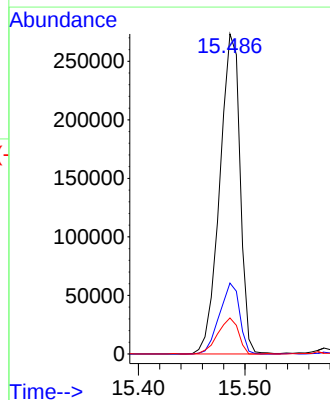
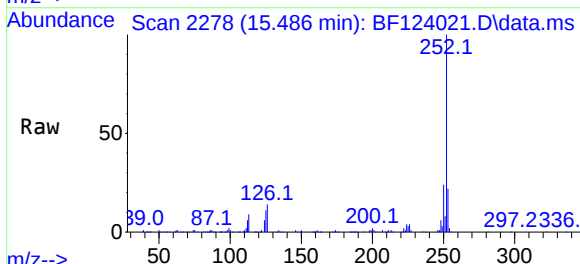
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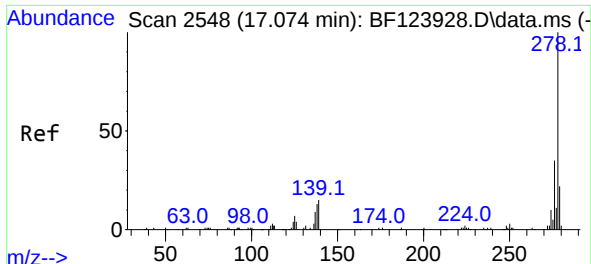
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#90
Benzo(a)pyrene
Concen: 43.95 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:252 Resp: 361511
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 11.3 8.0 12.0





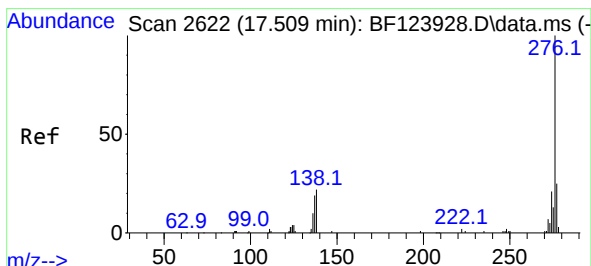
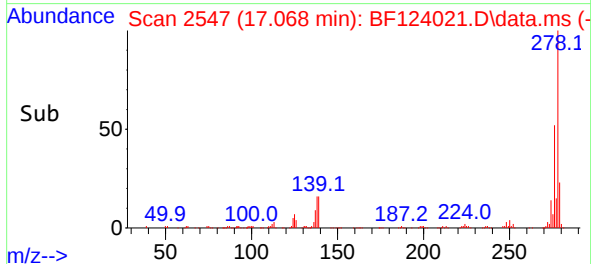
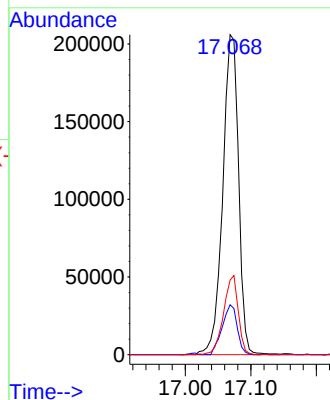
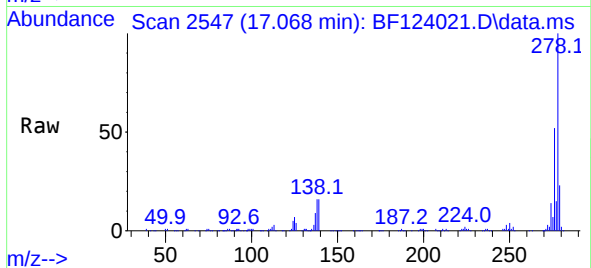
#91
Dibenzo(a,h)anthracene
Concen: 43.02 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:278 Resp: 344200
Ion Ratio Lower Upper
278 100
139 15.6 10.2 15.2#
279 23.3 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 42.33 ng
RT: 17.509 min Scan# 2622
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:276 Resp: 339660
Ion Ratio Lower Upper
276 100
277 21.5 18.2 27.2
138 18.5 13.8 20.6

