

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122317.D
 Acq On : 12 Nov 2020 16:03
 Operator : JU/CG
 Sample : L4702-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MSD

Manual Integrations
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Quant Time: Nov 12 16:32:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	262800	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1041062	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	560994	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1022321	20.00	ng	0.00
76) Chrysene-d12	14.033	240	833767	20.00	ng	0.00
86) Perylene-d12	15.498	264	755804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2311836	135.08	ng	0.01
7) Phenol-d6	6.492	99	3035176	135.56	ng	0.00
23) Nitrobenzene-d5	7.434	82	1905962	112.08	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	911394	151.37	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	3168632	88.25	ng	0.00
79) Terphenyl-d14	12.980	244	3329555	84.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	342222	43.60	ng	93
3) Pyridine	3.440	79	1002785	46.45	ng	92
4) n-Nitrosodimethylamine	3.393	42	498703	49.01	ng	99
6) Aniline	6.528	93	904097	30.78	ng	98
8) 2-Chlorophenol	6.651	128	932558	52.54	ng	90
9) Benzaldehyde	6.410	77	176854	11.37	ng	98
10) Phenol	6.504	94	1140075m	51.71	ng	
11) bis(2-Chloroethyl)ether	6.604	93	873798	49.86	ng	92
12) 1,3-Dichlorobenzene	6.810	146	971975	48.24	ng	96
13) 1,4-Dichlorobenzene	6.887	146	976453	48.24	ng	95
14) 1,2-Dichlorobenzene	7.040	146	956504	50.63	ng	99
15) Benzyl Alcohol	7.004	79	807480	50.73	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1260279	49.34	ng	98
17) 2-Methylphenol	7.116	107	756967	51.10	ng	99
18) Hexachloroethane	7.381	117	357508	50.72	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	662190	49.49	ng	94
20) 3+4-Methylphenols	7.269	107	929368	50.98	ng	# 82
22) Acetophenone	7.275	105	1206063	44.48	ng	# 92
24) Nitrobenzene	7.451	77	994273	51.10	ng	94
25) Isophorone	7.692	82	1755484	46.31	ng	96
26) 2-Nitrophenol	7.763	139	465109	54.06	ng	96
27) 2,4-Dimethylphenol	7.798	122	877131	49.05	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	1100034	47.44	ng	99
29) 2,4-Dichlorophenol	8.004	162	795211	50.23	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	820310	46.95	ng	96
31) Naphthalene	8.175	128	2552463	46.12	ng	97
32) Benzoic acid	7.928	122	591564	57.81	ng	98
33) 4-Chloroaniline	8.216	127	359669	14.92	ng	98
34) Hexachlorobutadiene	8.292	225	472854	47.08	ng	100
35) Caprolactam	8.592	113	258037m	51.42	ng	
36) 4-Chloro-3-methylphenol	8.698	107	832126	50.39	ng	95
37) 2-Methylnaphthalene	8.869	142	1725315	47.18	ng	99
38) 1-Methylnaphthalene	8.963	142	1625001	47.48	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	783085	45.30	ng	99
41) Hexachlorocyclopentadiene	9.022	237	901382	89.18	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	589751	52.53	ng	100

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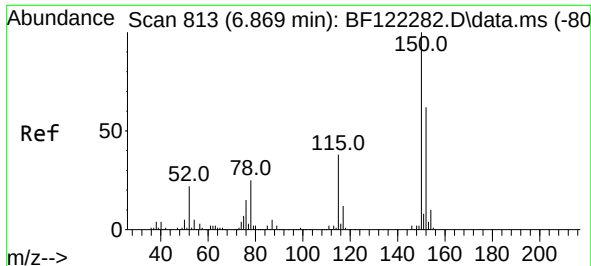
Manual Integrations
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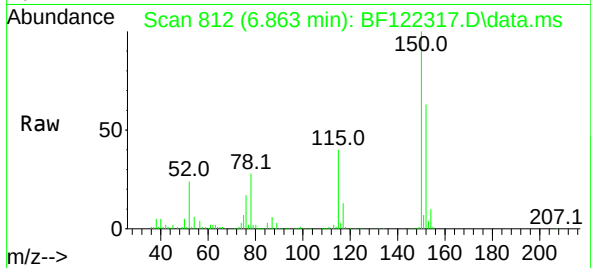
Quant Time: Nov 12 16:32:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	594236	50.49	ng	99
46) 1,1'-Biphenyl	9.333	154	2031990	45.50	ng	98
47) 2-Chloronaphthalene	9.357	162	1591206	44.90	ng	96
48) 2-Nitroaniline	9.445	65	528688	49.85	ng	96
49) Acenaphthylene	9.775	152	2536674	46.57	ng	98
50) Dimethylphthalate	9.633	163	2571349	64.48	ng	99
51) 2,6-Dinitrotoluene	9.692	165	449341	50.42	ng	# 85
52) Acenaphthene	9.945	154	1725404	51.17	ng	99
53) 3-Nitroaniline	9.857	138	265474	27.88	ng	89
54) 2,4-Dinitrophenol	9.963	184	394839	94.44	ng	92
55) Dibenzofuran	10.116	168	2313357	46.83	ng	100
56) 4-Nitrophenol	10.016	139	788811	89.97	ng	94
57) 2,4-Dinitrotoluene	10.092	165	604160	53.44	ng	96
58) Fluorene	10.457	166	1738397	45.96	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	523756	53.51	ng	99
60) Diethylphthalate	10.333	149	1884463	48.17	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	832538	46.62	ng	98
62) 4-Nitroaniline	10.475	138	468608	47.43	ng	96
63) Azobenzene	10.610	77	1918373	46.75	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	275768	57.51	ng	92
66) n-Nitrosodiphenylamine	10.569	169	1635374	46.95	ng	93
67) 4-Bromophenyl-phenylether	10.939	248	580734	48.34	ng	100
68) Hexachlorobenzene	11.004	284	632000	48.69	ng	98
69) Atrazine	11.092	200	454330	52.37	ng	99
70) Pentachlorophenol	11.198	266	761686	101.86	ng	98
71) Phenanthrene	11.422	178	2657455	45.82	ng	98
72) Anthracene	11.469	178	2739661	45.83	ng	98
73) Carbazole	11.622	167	2520198	46.34	ng	98
74) Di-n-butylphthalate	11.957	149	2827599	48.77	ng	98
75) Fluoranthene	12.604	202	2836186	46.84	ng	98
77) Benzidine	12.722	184	1076613	46.56	ng	99
78) Pyrene	12.833	202	2886577	49.28	ng	98
80) Butylbenzylphthalate	13.457	149	1208889	51.23	ng	96
81) Benzo(a)anthracene	14.021	228	2412413	46.52	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	442451	22.90	ng	# 98
83) Chrysene	14.063	228	2462874	47.16	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	1457620	51.61	ng	# 97
85) Di-n-octyl phthalate	14.633	149	2542281	53.11	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2351391	51.85	ng	99
88) Benzo(b)fluoranthene	15.074	252	2320828	47.41	ng	100
89) Benzo(k)fluoranthene	15.104	252	2221161	46.54	ng	97
90) Benzo(a)pyrene	15.439	252	2038265	47.76	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	1925361	50.69	ng	99
92) Benzo(g,h,i)perylene	17.415	276	1978631	53.56	ng	99

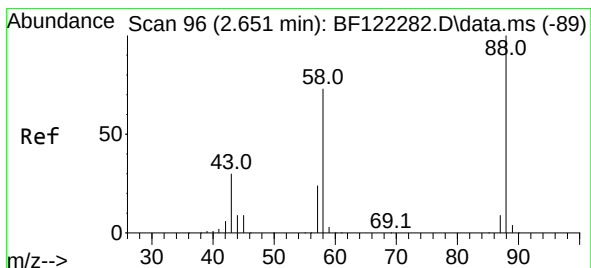
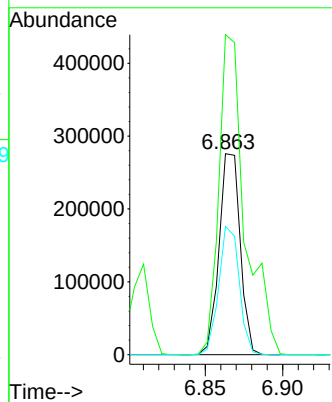
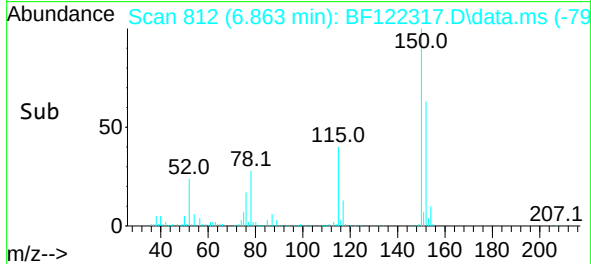
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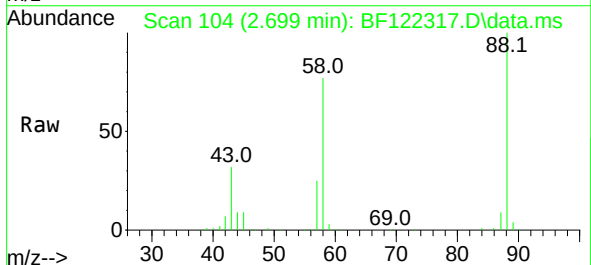
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



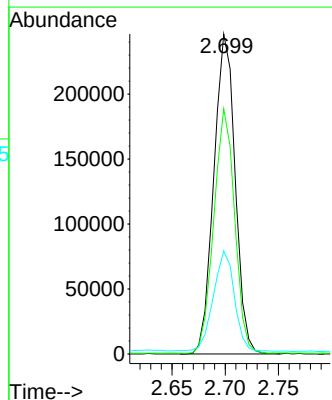
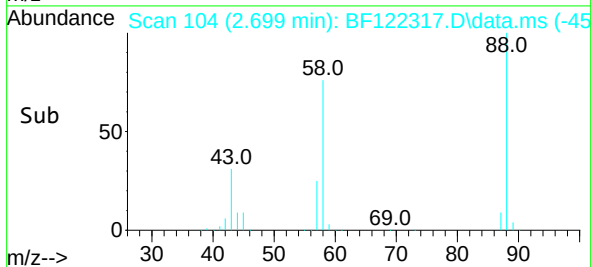
Tgt Ion:152 Resp: 262800
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 63.9 51.9 77.9



#2
1,4-Dioxane
Concen: 43.60 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.047 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



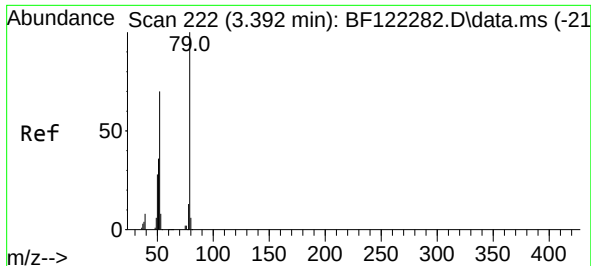
Tgt Ion: 88 Resp: 342222
Ion Ratio Lower Upper
88 100
58 74.6 65.8 98.8
43 31.6 25.8 38.8



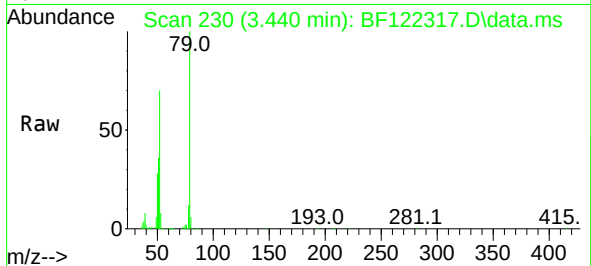
Instrument :
BNA_F
ClientSampled :
M-5(10-20)MSD

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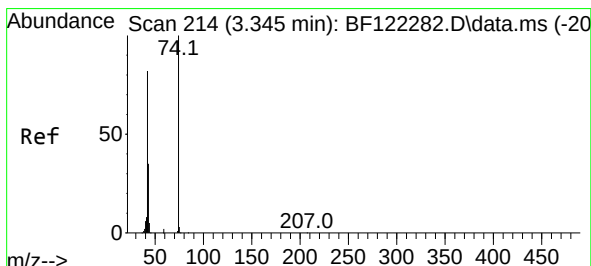
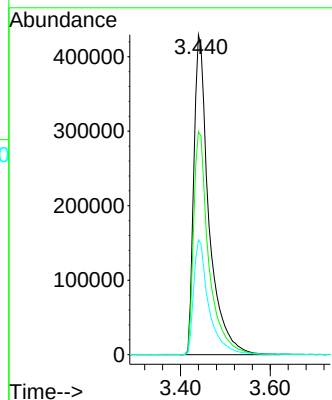
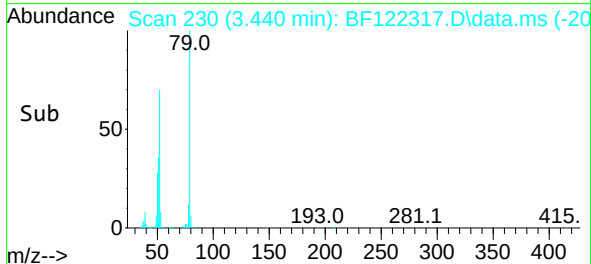
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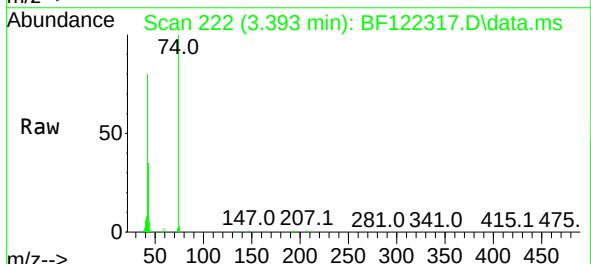
#3
Pyridine
Concen: 46.45 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.047 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



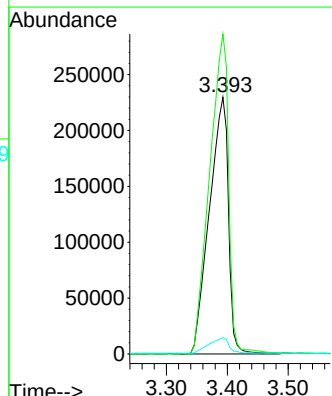
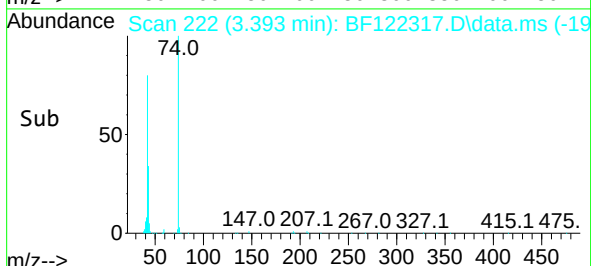
Tgt Ion: 79 Resp: 1002785
Ion Ratio Lower Upper
79 100
52 69.7 62.2 93.4
51 35.9 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 49.01 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.047 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



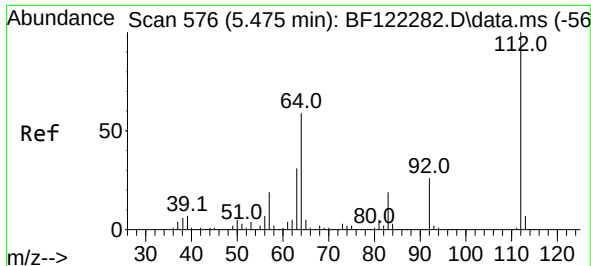
Tgt Ion: 42 Resp: 498703
Ion Ratio Lower Upper
42 100
74 124.7 100.2 150.2
44 6.3 5.8 8.6



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BNA_F
ClientSampleId :
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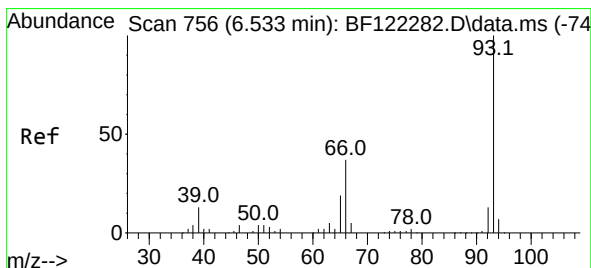
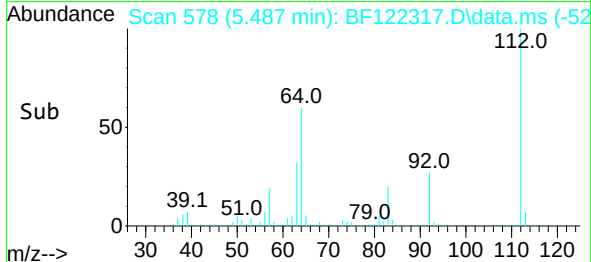
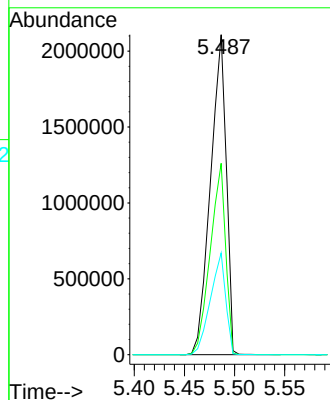
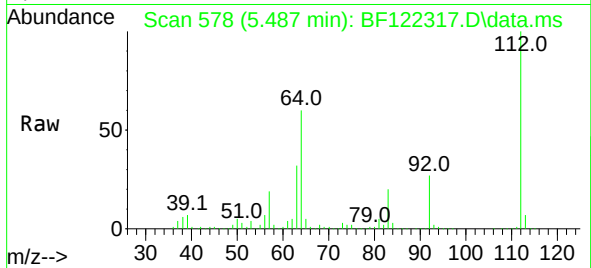
#5
2-Fluorophenol
Concen: 135.08 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:112 Resp: 2311836
Ion Ratio Lower Upper
112 100
64 59.8 50.4 75.6
63 31.8 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

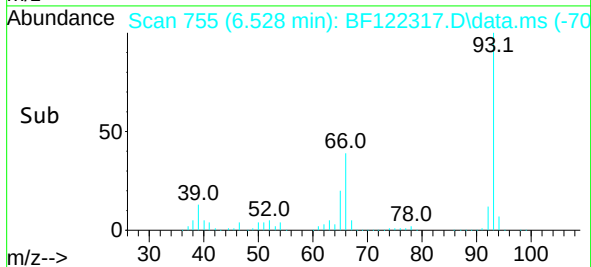
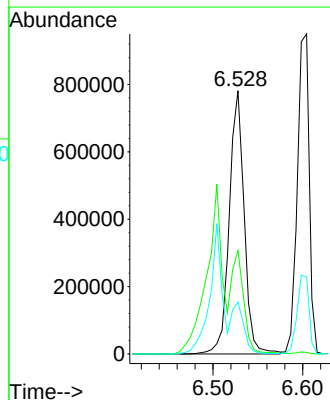
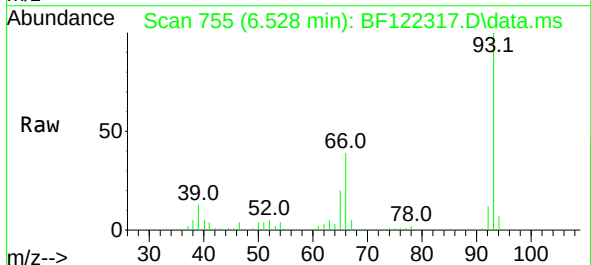
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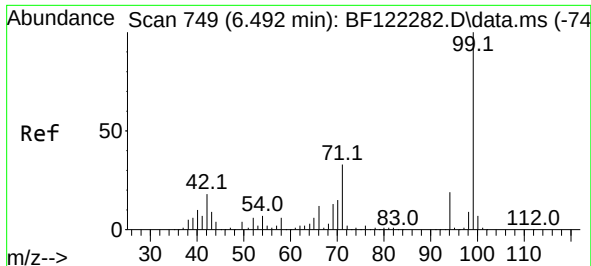
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#6
Aniline
Concen: 30.78 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122317.D
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Tgt Ion: 93 Resp: 904097
Ion Ratio Lower Upper
93 100
66 39.3 32.7 49.1
65 19.8 16.6 24.8





#7
Phenol-d6
Concen: 135.56 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

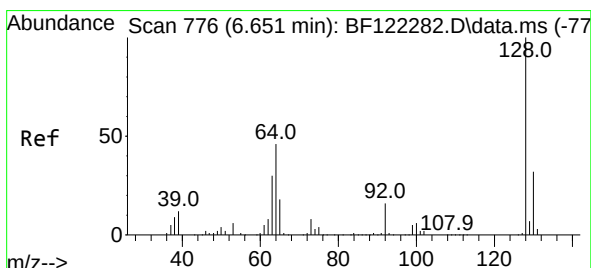
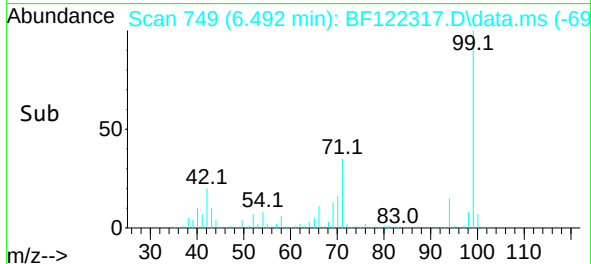
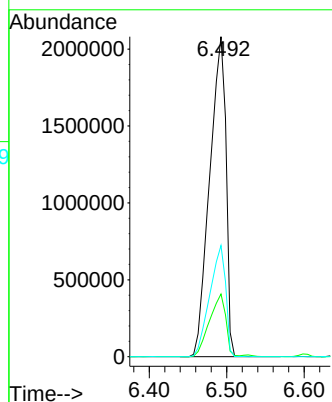
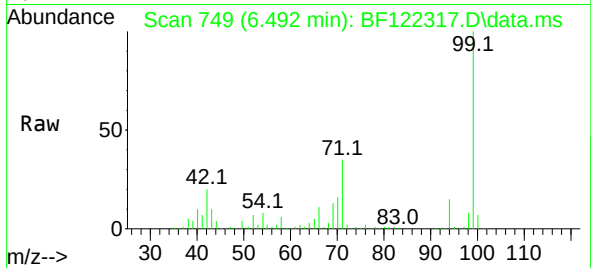
Tgt Ion: 99 Resp: 3035176

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	34.8	27.1	40.7

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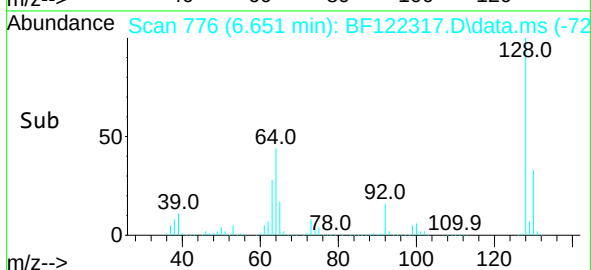
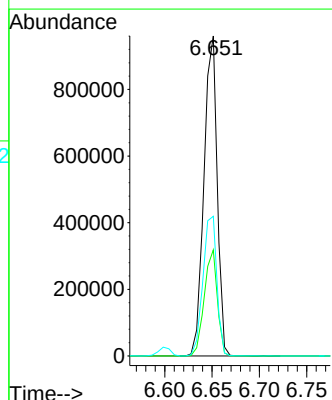
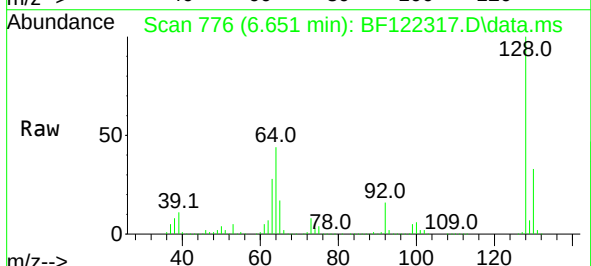
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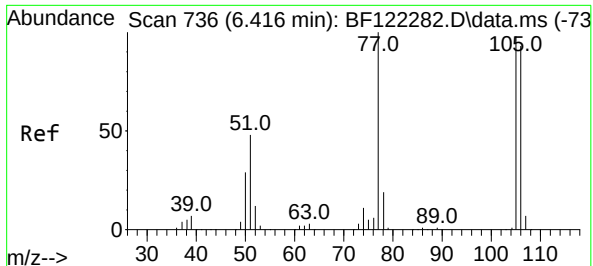


#8
2-Chlorophenol
Concen: 52.54 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:128 Resp: 932558

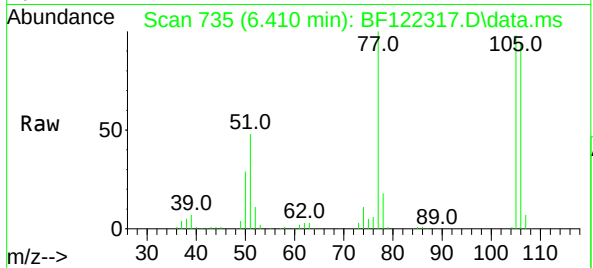
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	43.6	34.8	74.8





#9
Benzaldehyde
Concen: 11.37 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

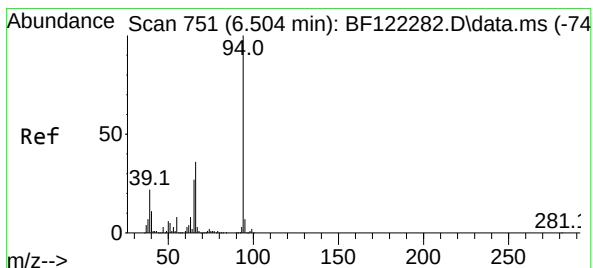
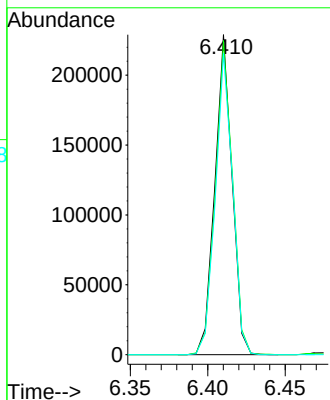
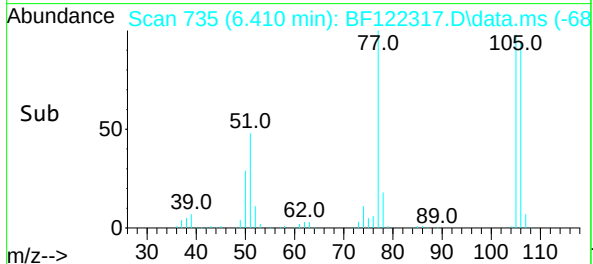
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



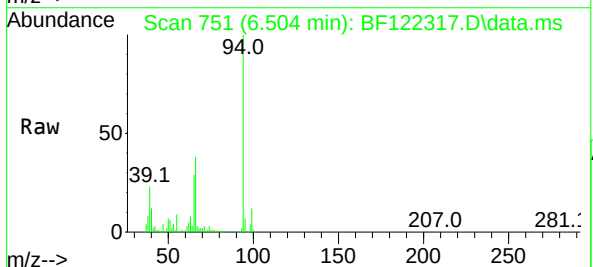
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Ion Ratio Lower Upper
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105 98.2 76.7 116.7
106 94.1 71.3 111.3

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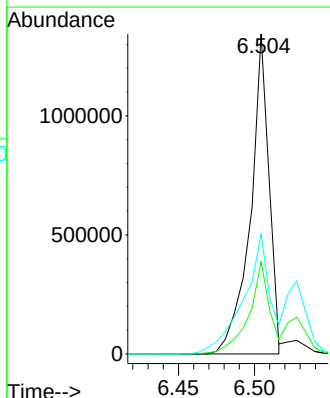
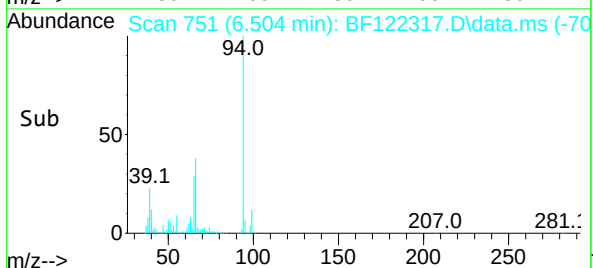
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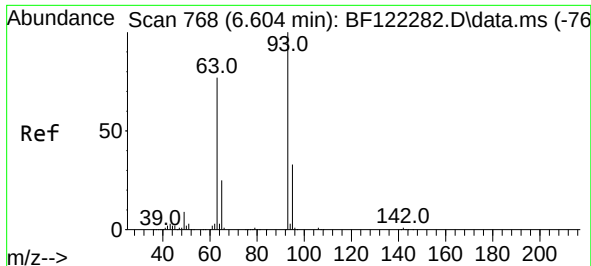


#10
Phenol
Concen: 51.71 ng m
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

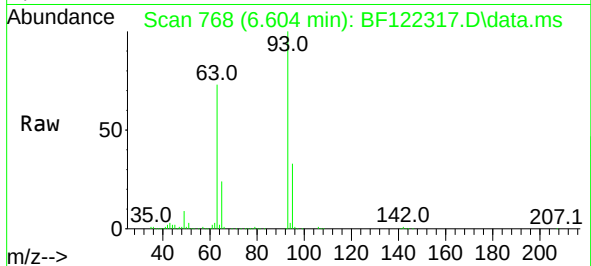


Tgt Ion: 94 Resp: 1140075
Ion Ratio Lower Upper
94 100
65 28.8 17.1 57.1
66 37.5 36.0 76.0

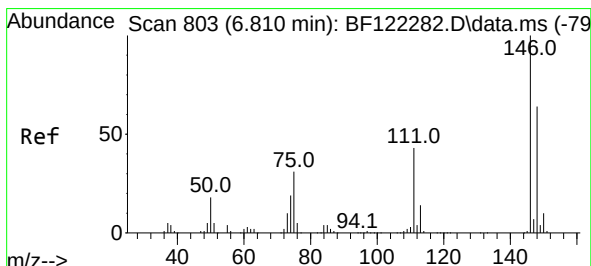
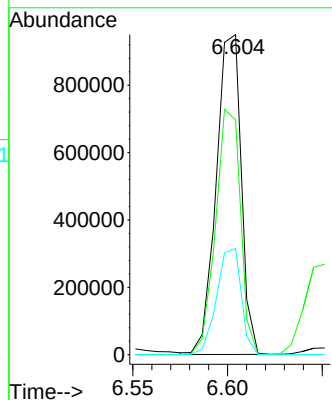
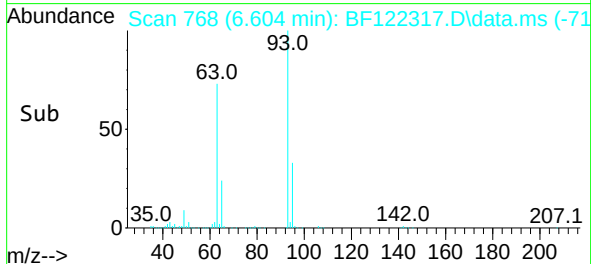




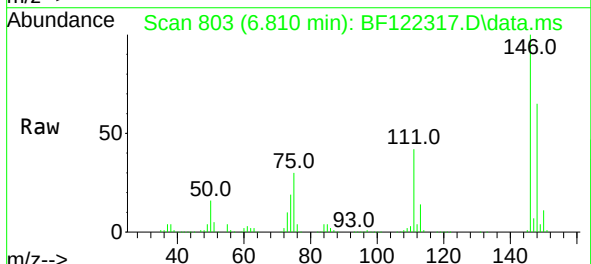
#11
bis(2-Chloroethyl)ether
Concen: 49.86 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



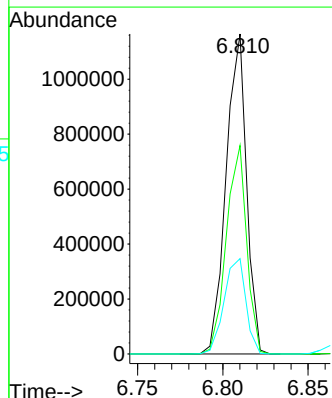
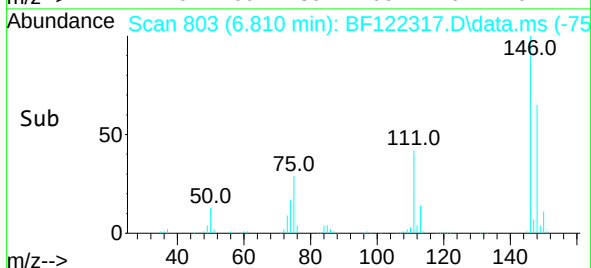
Tgt Ion: 93 Resp: 873798
Ion Ratio Lower Upper
93 100
63 73.4 62.4 102.4
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.24 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



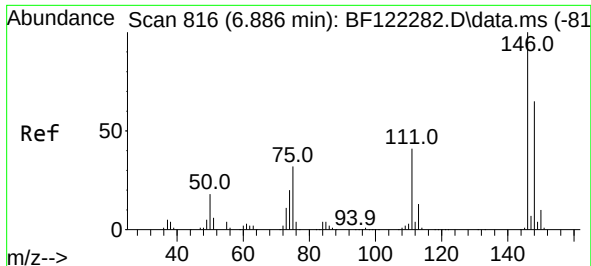
Tgt Ion: 146 Resp: 971975
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 29.8 27.6 41.4



Instrument :
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ClientSampleId :
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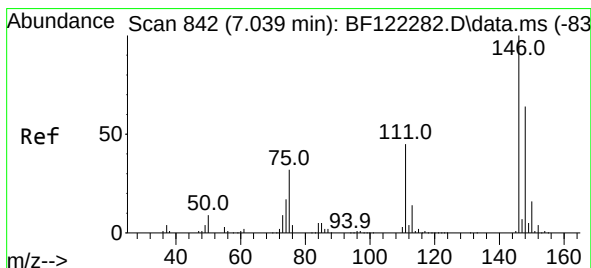
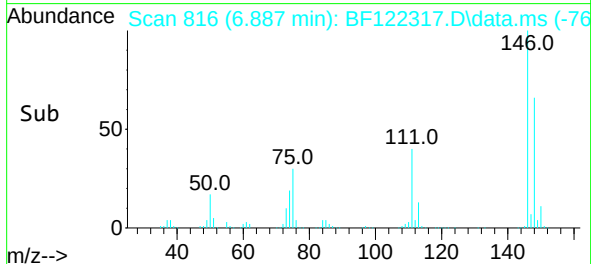
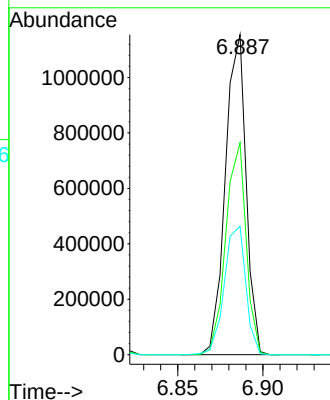
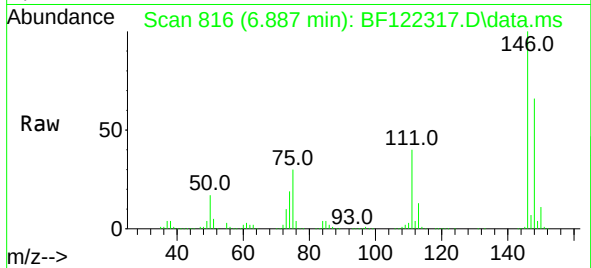
#13
1,4-Dichlorobenzene
Concen: 48.24 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:146 Resp: 976453
Ion Ratio Lower Upper
146 100
148 66.2 50.1 75.1
111 40.1 34.6 52.0

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

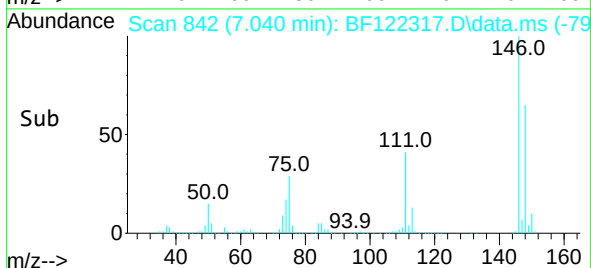
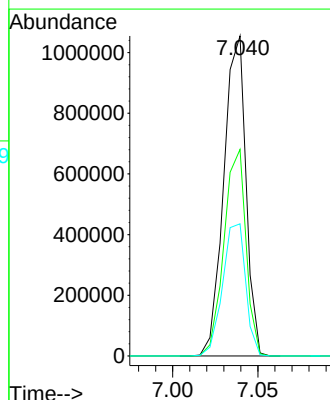
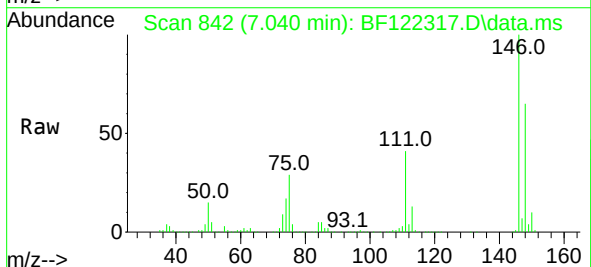
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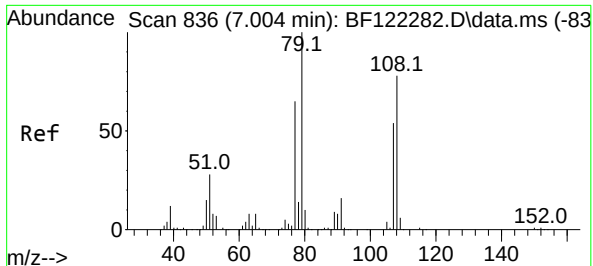
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#14
1,2-Dichlorobenzene
Concen: 50.63 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:146 Resp: 956504
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 41.3 34.2 51.4





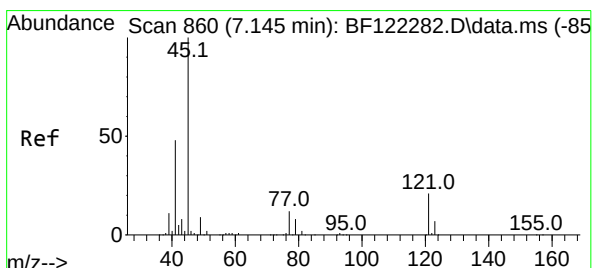
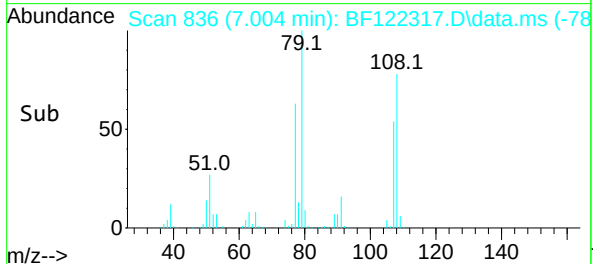
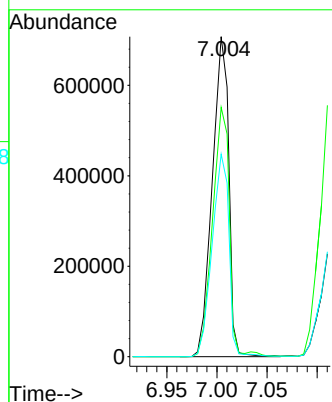
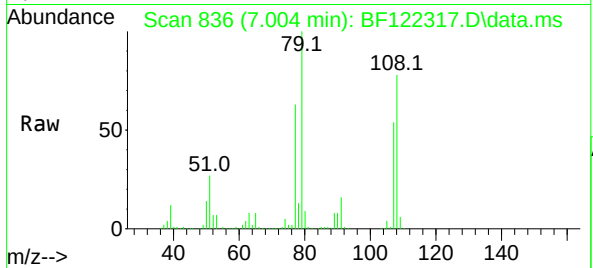
#15
Benzyl Alcohol
Concen: 50.73 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion: 79 Resp: 807480
Ion Ratio Lower Upper
79 100
108 77.9 62.3 93.5
77 63.3 50.6 75.8

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

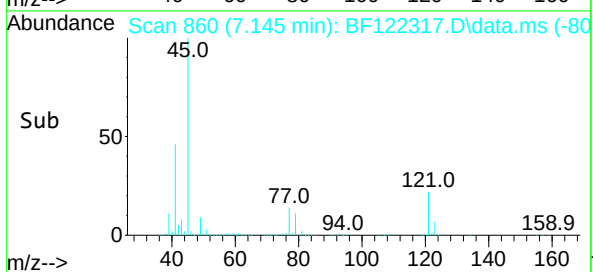
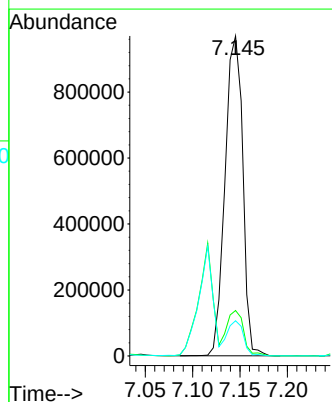
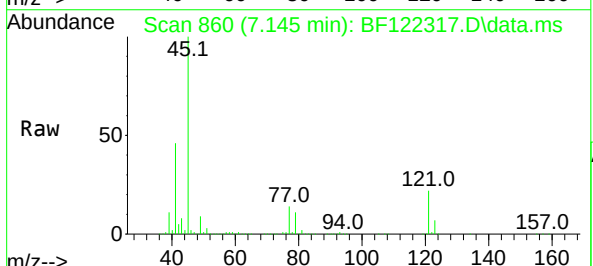
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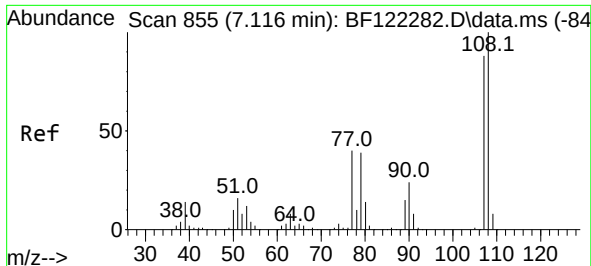
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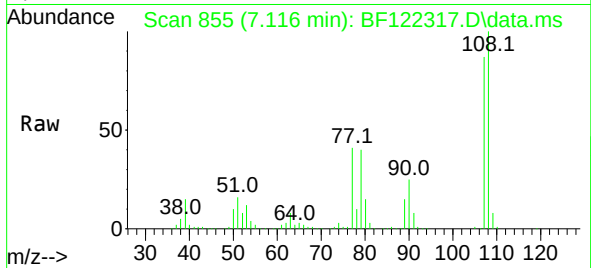
#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.34 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion: 45 Resp: 1260279
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.3
79 11.0 0.0 30.4

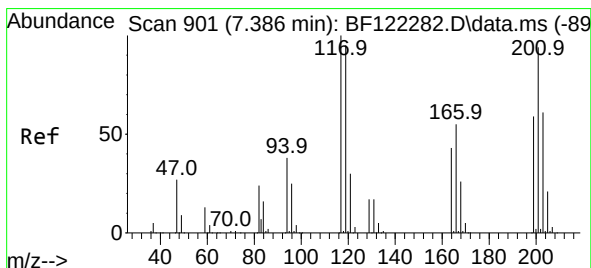
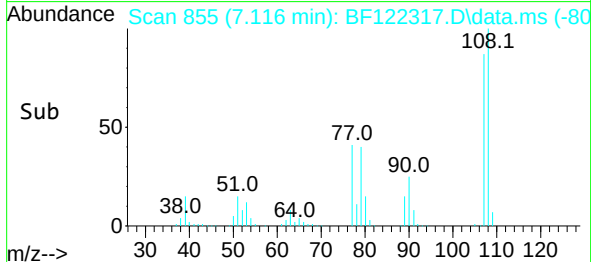
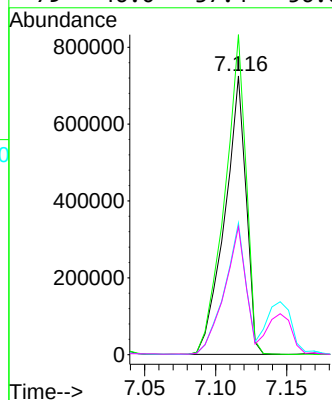




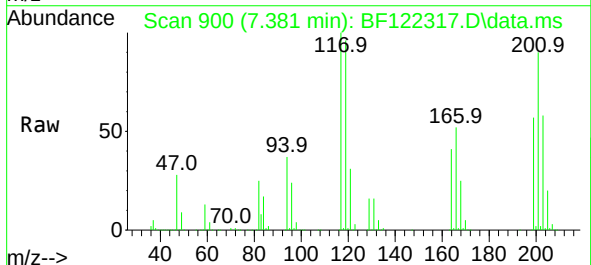
#17
2-Methylphenol
Concen: 51.10 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



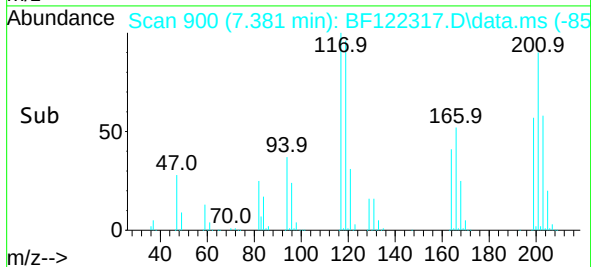
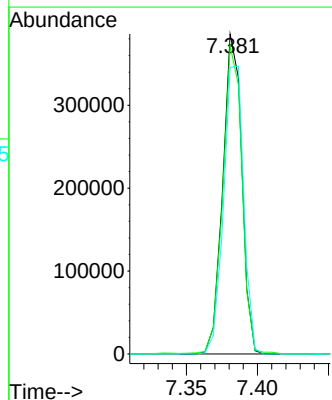
Tgt Ion:	107	Resp:	756967
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	47.3	37.5	56.3
79	46.0	37.4	56.0



#18
Hexachloroethane
Concen: 50.72 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



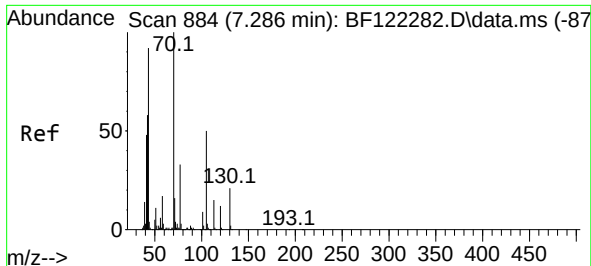
Tgt Ion:	117	Resp:	357508
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
201	89.5	71.8	107.6



Instrument :
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#19
n-Nitroso-di-n-propylamine
Concen: 49.49 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

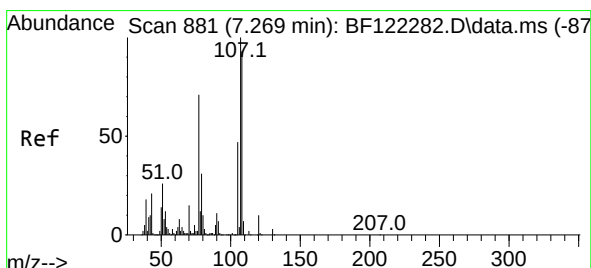
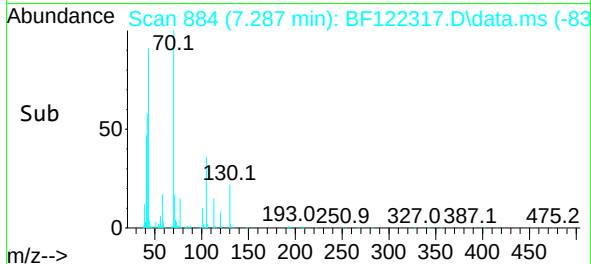
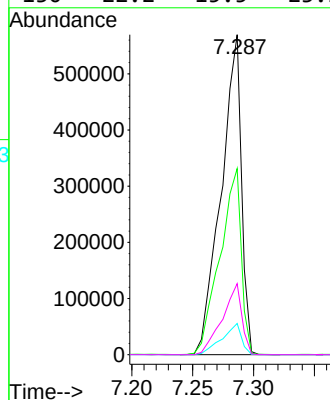
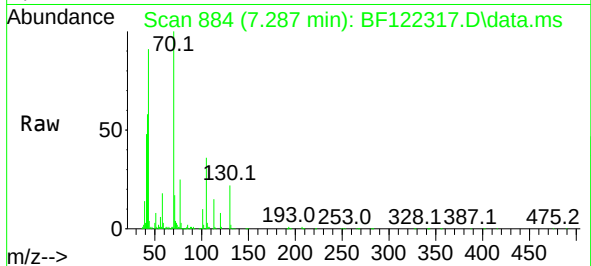
Tgt Ion: 70 Resp: 662190

Ion	Ratio	Lower	Upper
70	100		
42	58.2	50.2	75.4
101	9.7	7.5	11.3
130	22.2	15.5	23.3

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

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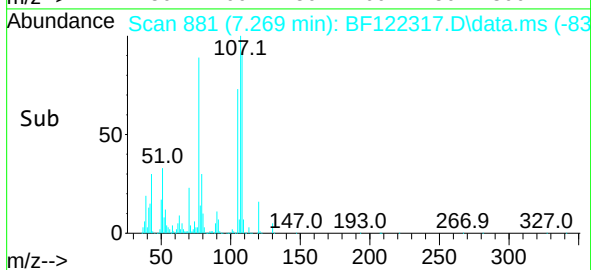
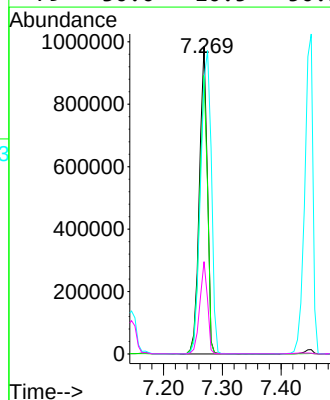
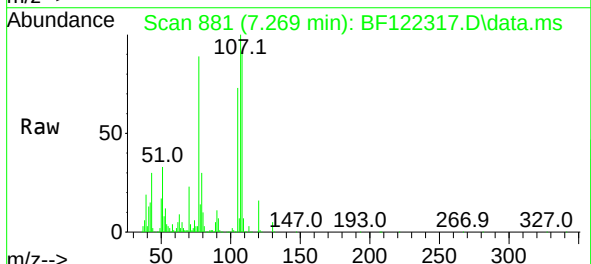
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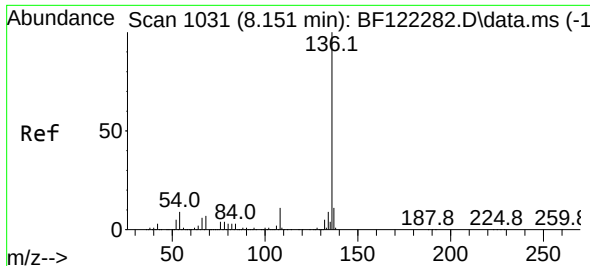


#20
3+4-Methylphenols
Concen: 50.98 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion: 107 Resp: 929368

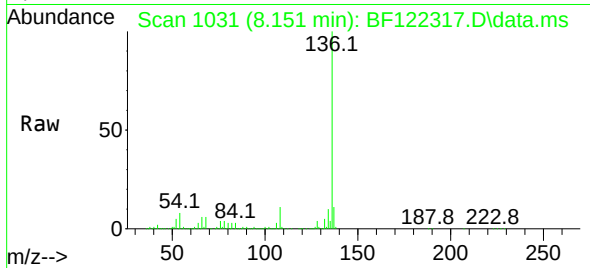
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.9	108.9
77	89.2	108.0	148.0#
79	30.0	10.5	50.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

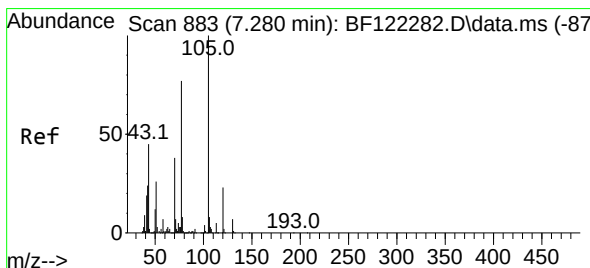
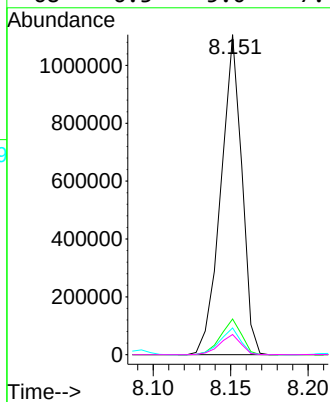
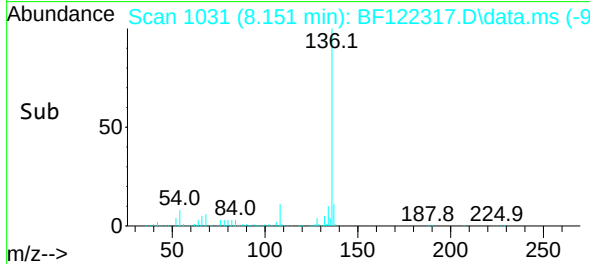


Tgt Ion:136 Resp: 1041062

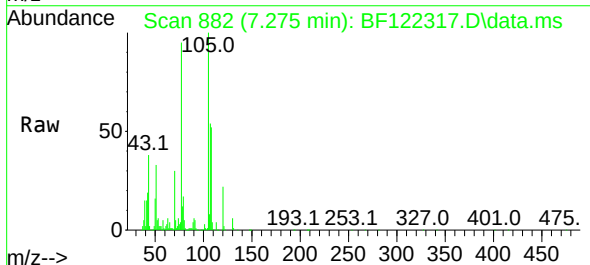
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.3	7.1	10.7
68	6.3	5.0	7.4

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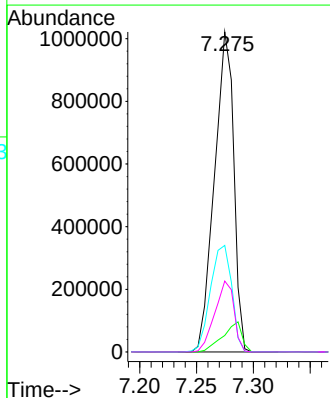
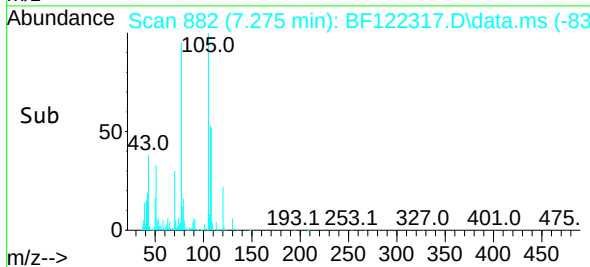


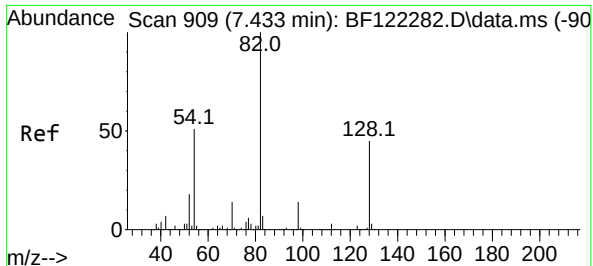
#22
Acetophenone
Concen: 44.48 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion:105 Resp: 1206063

Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.3	7.9#
51	33.3	33.2	49.8
120	22.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 112.08 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

Tgt Ion: 82 Resp: 1905962

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.0	52.4
54	49.2	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

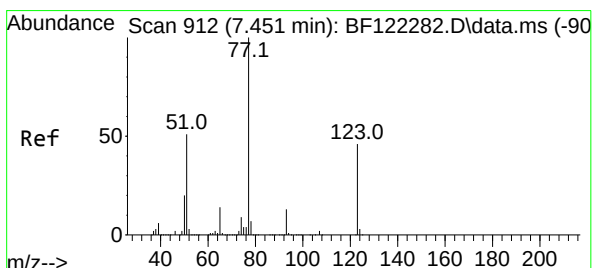
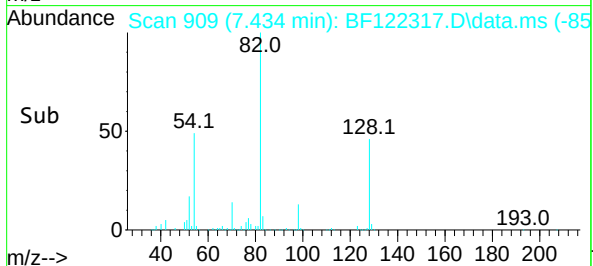
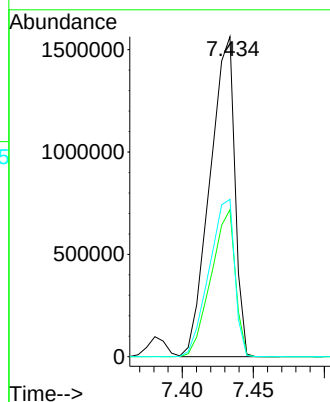
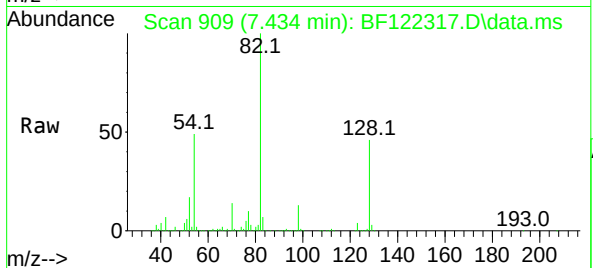
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#24

Nitrobenzene

Concen: 51.10 ng

RT: 7.451 min Scan# 912

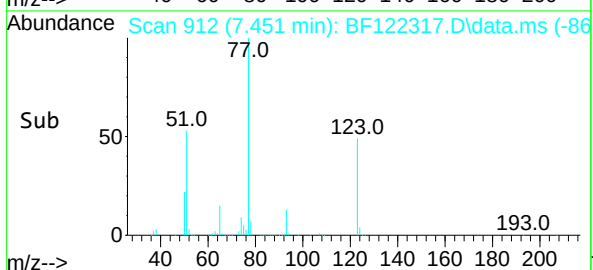
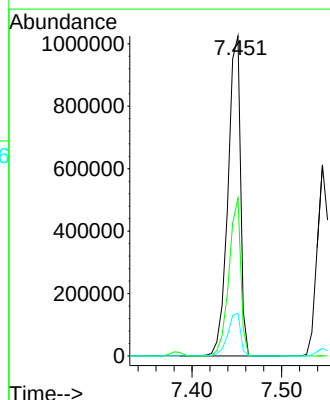
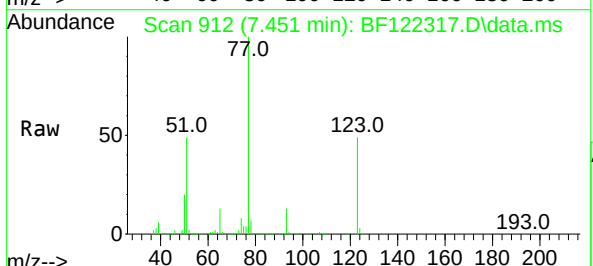
Delta R.T. 0.000 min

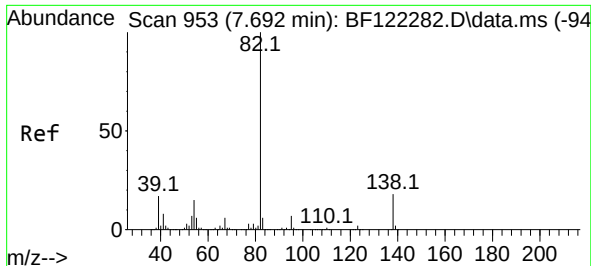
Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

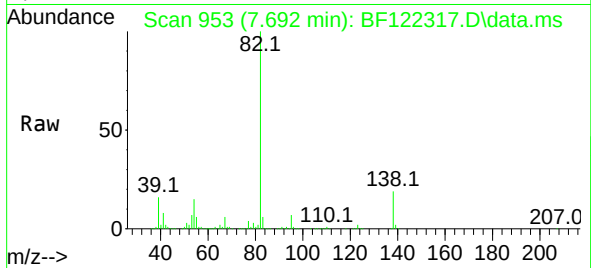
Tgt Ion: 77 Resp: 994273

Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.6	53.4
65	13.4	11.2	16.8



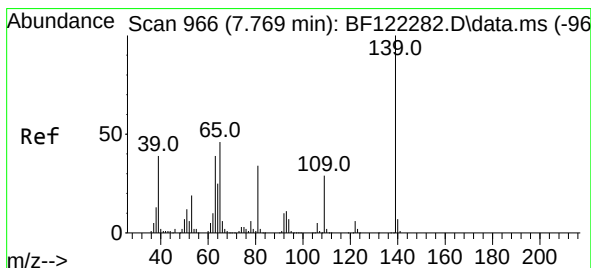
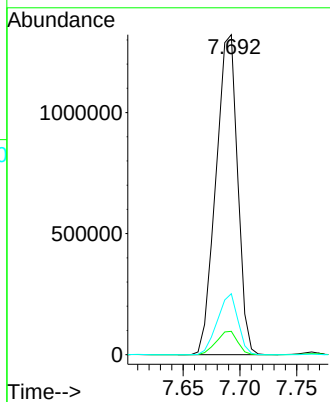
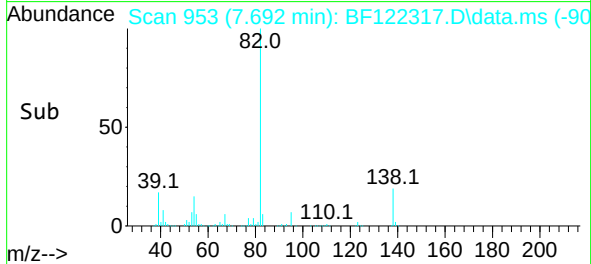


#25
Isophorone
Concen: 46.31 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

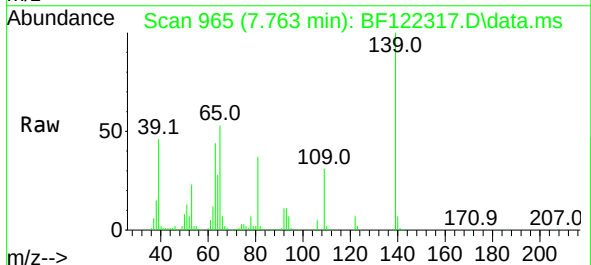


Tgt Ion: 82 Resp: 1755484

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.4	8.0
138	19.1	13.4	20.0

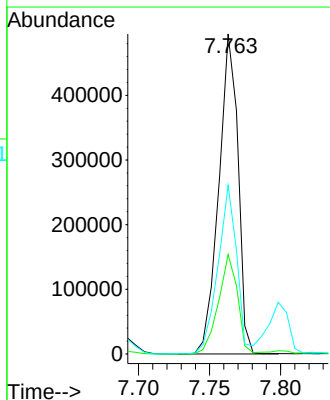
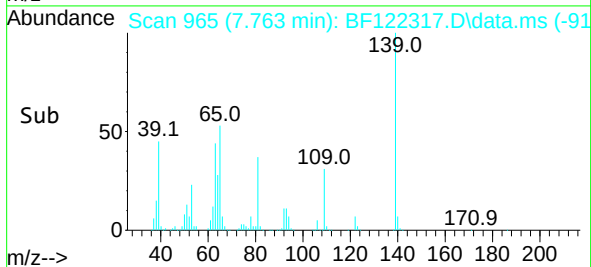


#26
2-Nitrophenol
Concen: 54.06 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion: 139 Resp: 465109

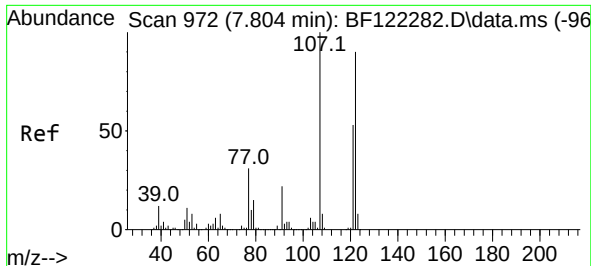
Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.0	34.4
65	52.7	39.9	59.9



Instrument :
BNA_F
ClientSampleId :
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#27

2,4-Dimethylphenol

Concen: 49.05 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

Tgt Ion:122 Resp: 877131

Ion Ratio Lower Upper

122 100

107 111.5 90.8 136.2

121 58.6 47.5 71.3

Instrument :

BNA_F

ClientSampleId :

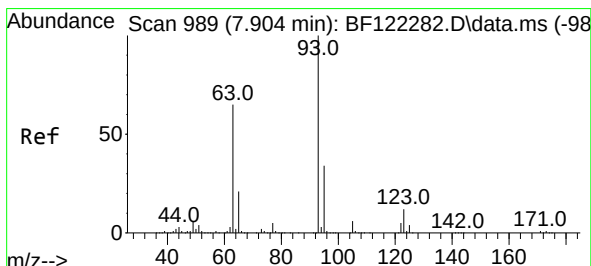
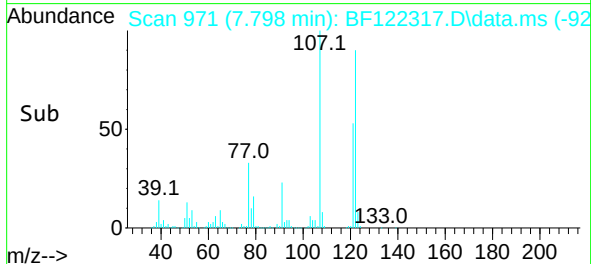
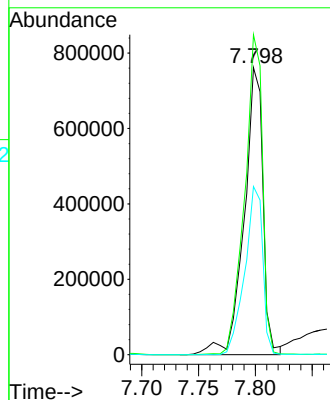
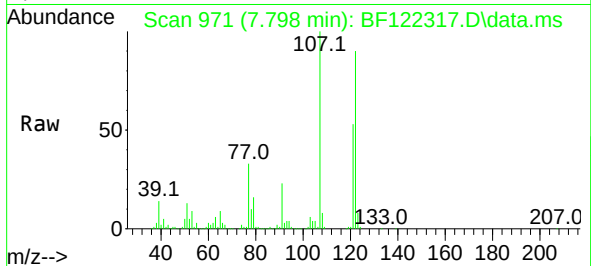
M-5(10-20)MSD

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 47.44 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

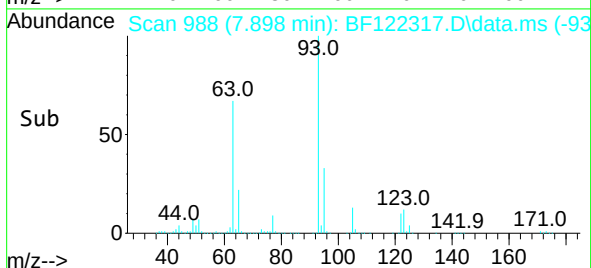
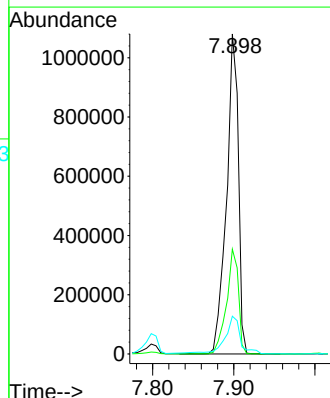
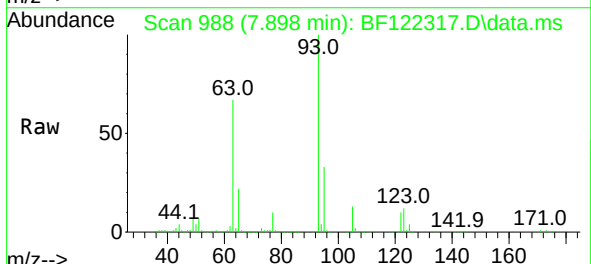
Tgt Ion: 93 Resp: 1100034

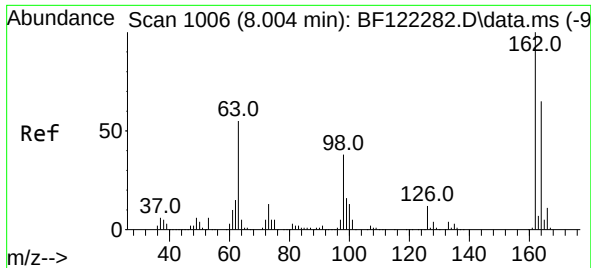
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.8 8.8 13.2





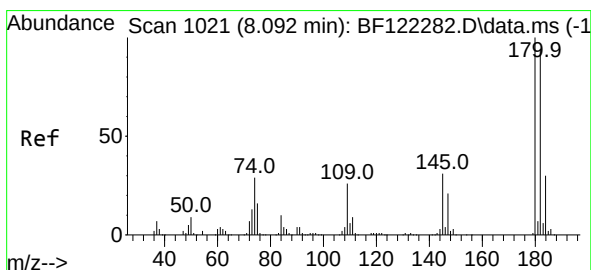
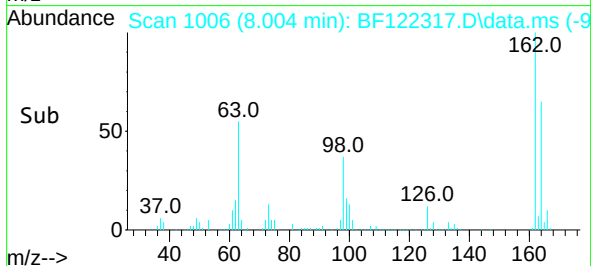
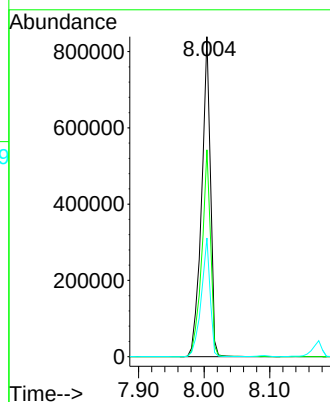
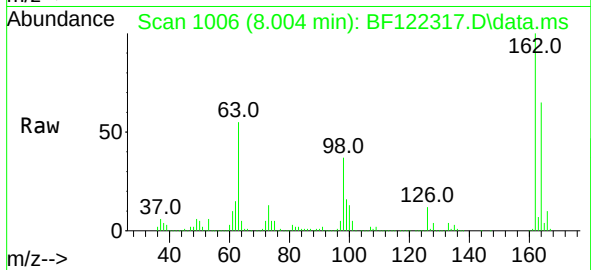
#29
2,4-Dichlorophenol
Concen: 50.23 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:162 Resp: 795211
Ion Ratio Lower Upper
162 100
164 64.7 42.5 82.5
98 37.1 20.1 60.1

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

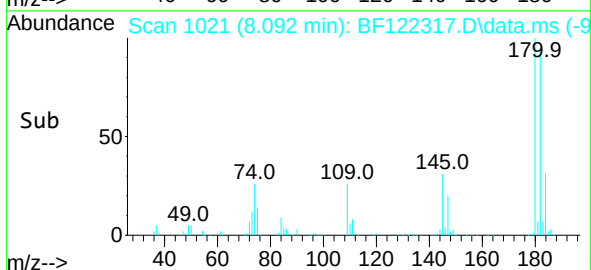
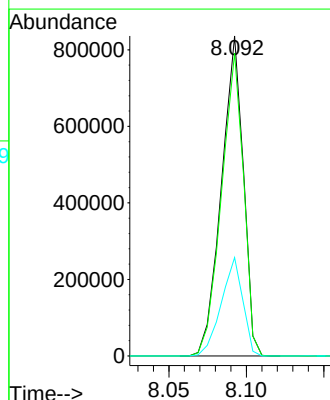
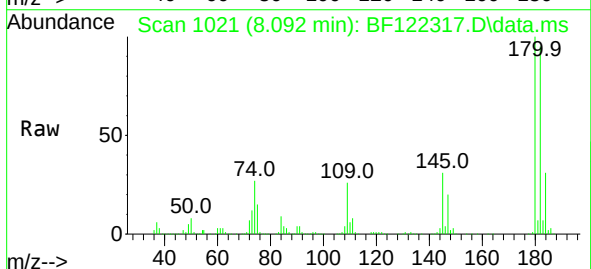
Manual Integrations
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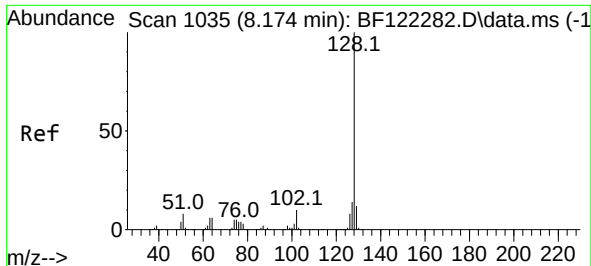
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#30
1,2,4-Trichlorobenzene
Concen: 46.95 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:180 Resp: 820310
Ion Ratio Lower Upper
180 100
182 94.7 79.4 119.2
145 30.8 25.5 38.3





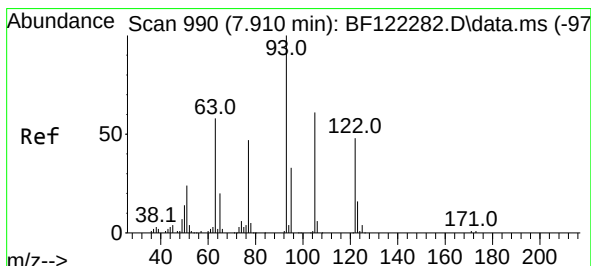
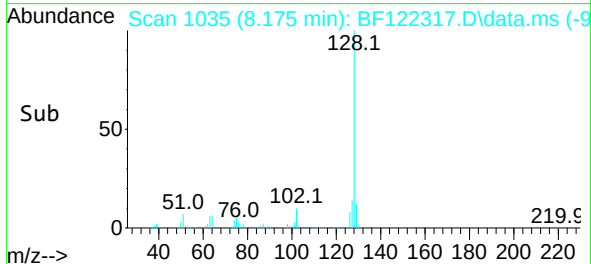
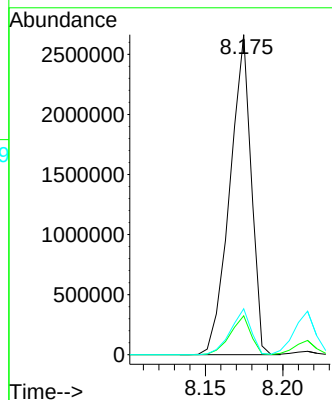
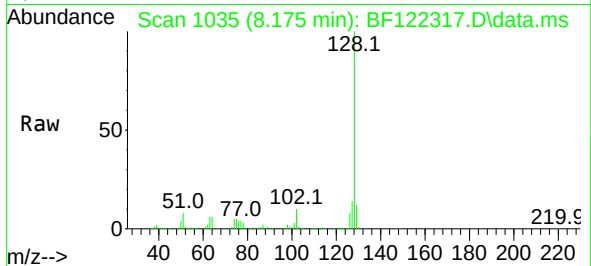
#31
Naphthalene
Concen: 46.12 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:128 Resp: 2552463
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 14.3 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

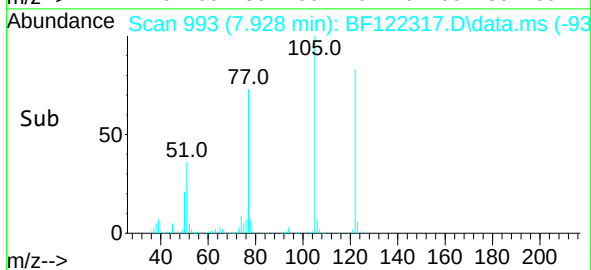
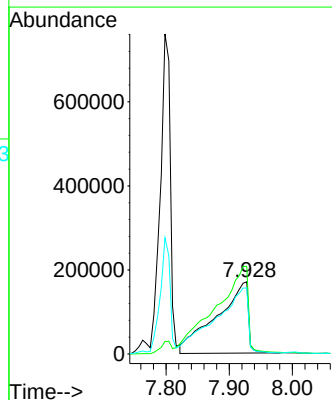
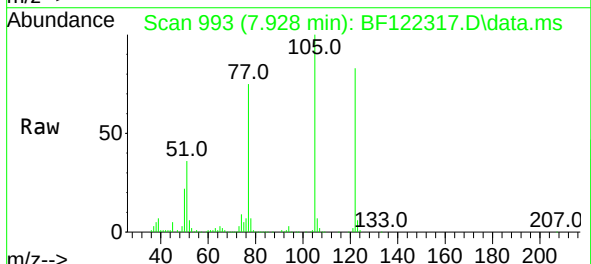
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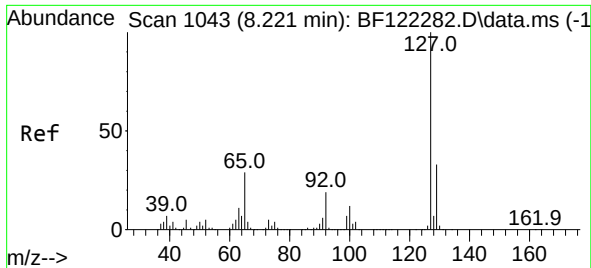
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#32
Benzoic acid
Concen: 57.81 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.018 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:122 Resp: 591564
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 91.2 73.9 113.9





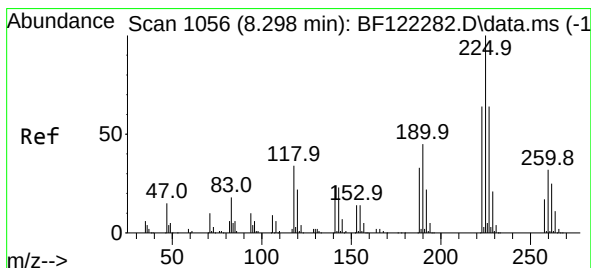
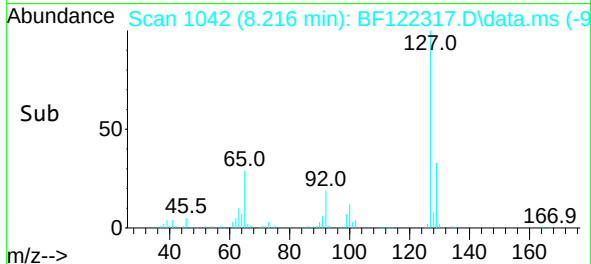
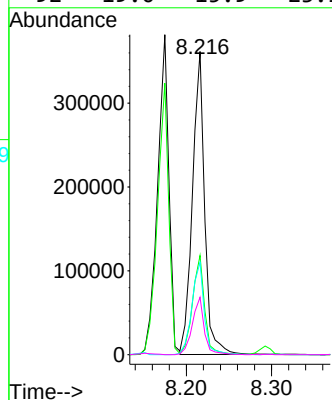
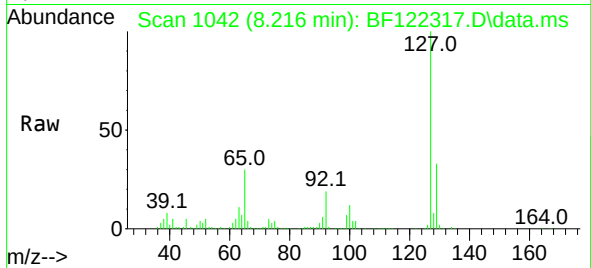
#33
4-Chloroaniline
Concen: 14.92 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:	127	Resp:	359669
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.3	39.5
65	30.5	26.2	39.2
92	19.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

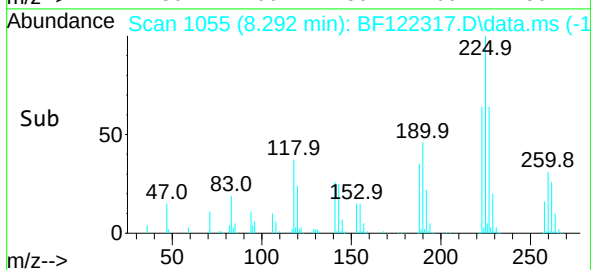
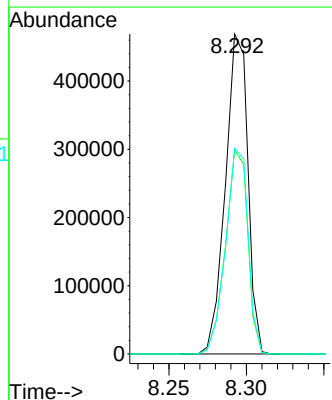
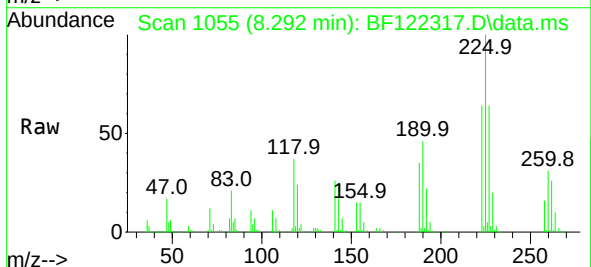
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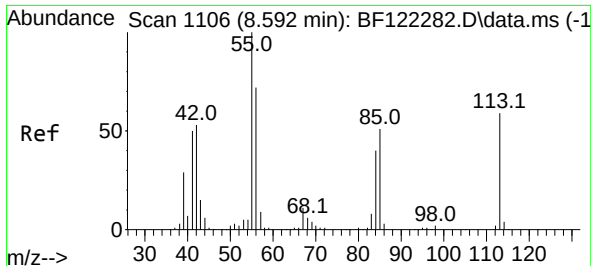
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#34
Hexachlorobutadiene
Concen: 47.08 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:	225	Resp:	472854
Ion Ratio	Lower	Upper	
225	100		
223	63.7	51.1	76.7
227	64.3	51.0	76.6





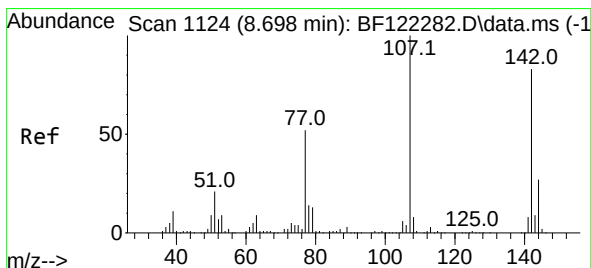
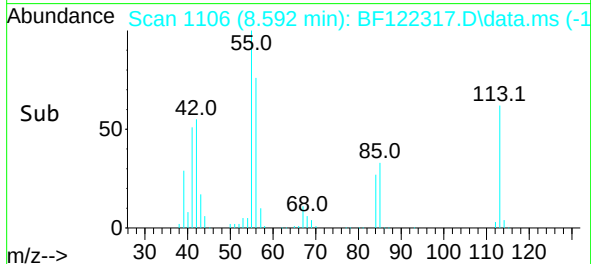
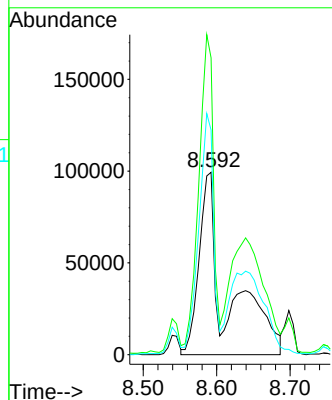
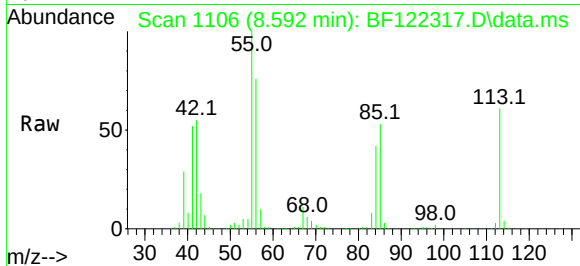
#35
Caprolactam
Concen: 51.42 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:113 Resp: 258037
Ion Ratio Lower Upper
113 100
55 162.7 167.5 207.5#
56 123.1 121.2 161.2

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

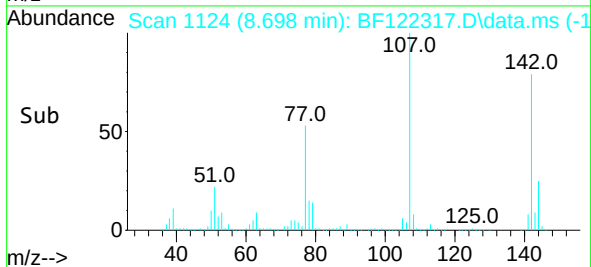
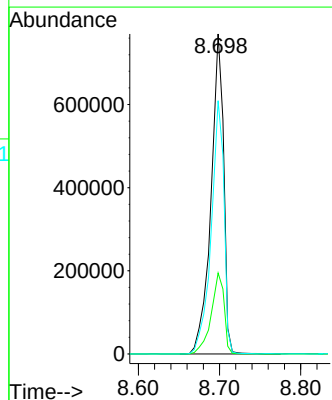
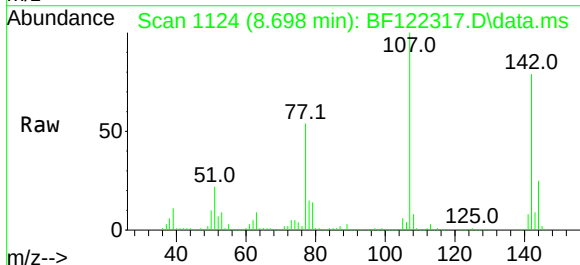
Manual Integrations
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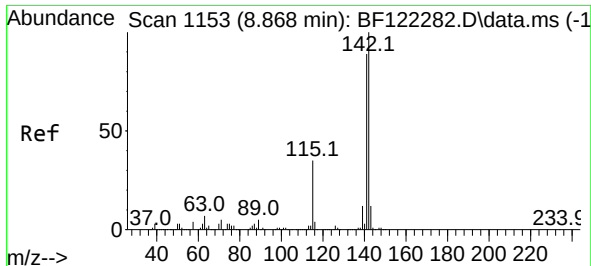
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#36
4-Chloro-3-methylphenol
Concen: 50.39 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:107 Resp: 832126
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.2 59.3 88.9





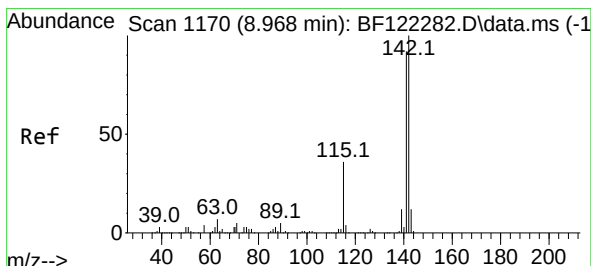
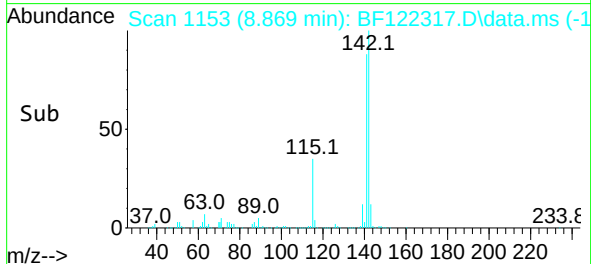
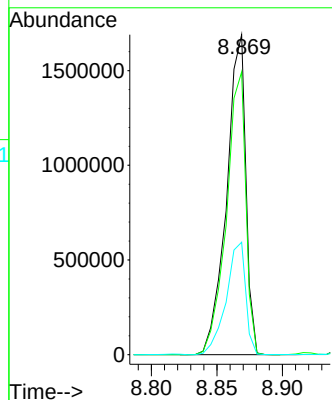
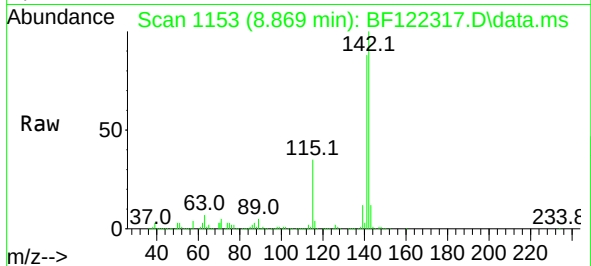
#37
2-Methylnaphthalene
Concen: 47.18 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.001 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:142 Resp: 1725315
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 35.1 28.6 43.0

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

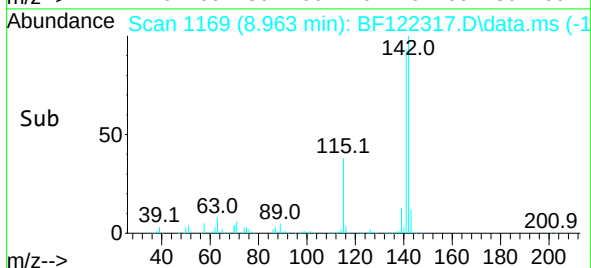
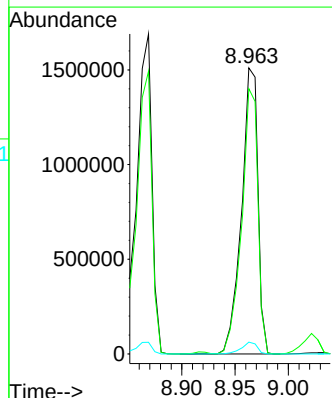
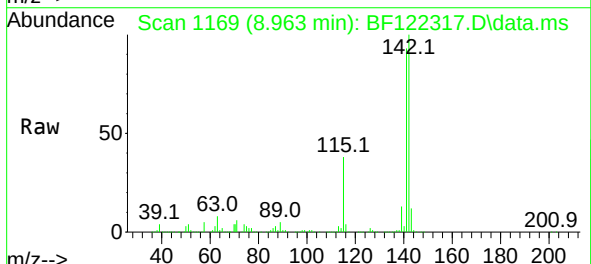
Manual Integrations
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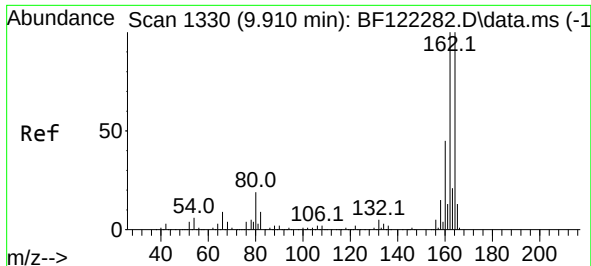
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#38
1-Methylnaphthalene
Concen: 47.48 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

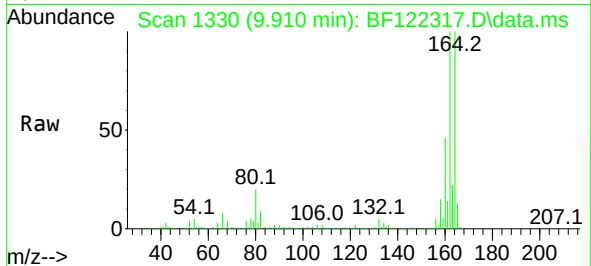
Tgt Ion:142 Resp: 1625001
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

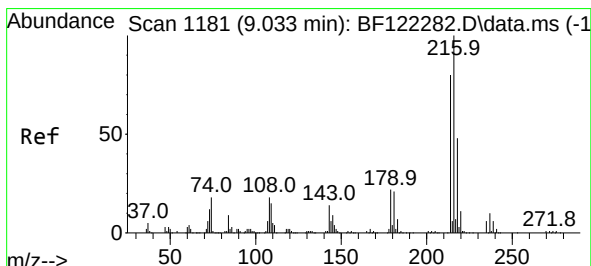
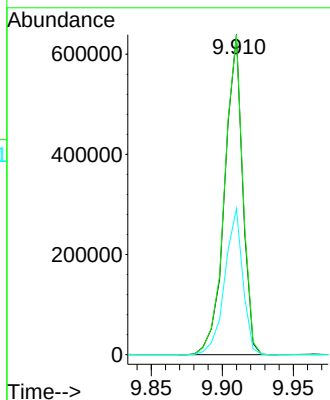
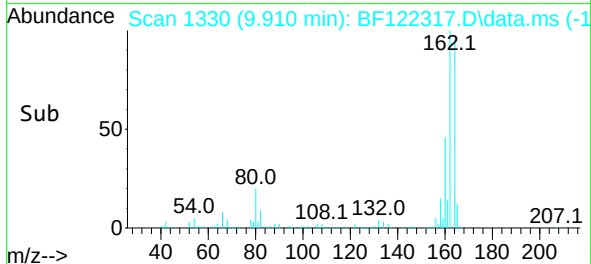
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



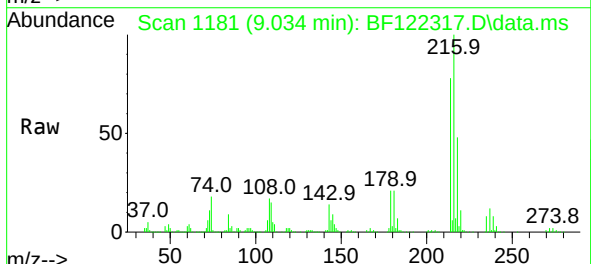
Tgt Ion:164 Resp: 560994
Ion Ratio Lower Upper
164 100
162 99.8 83.2 124.8
160 45.6 37.5 56.3

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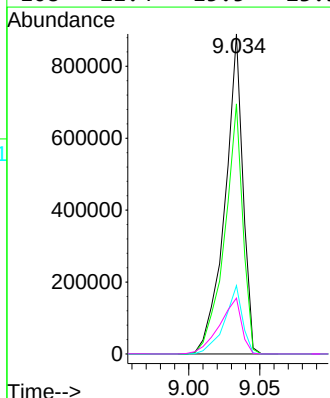
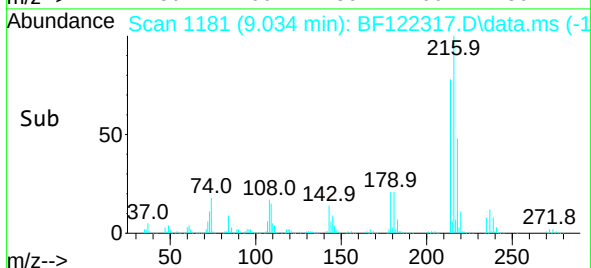
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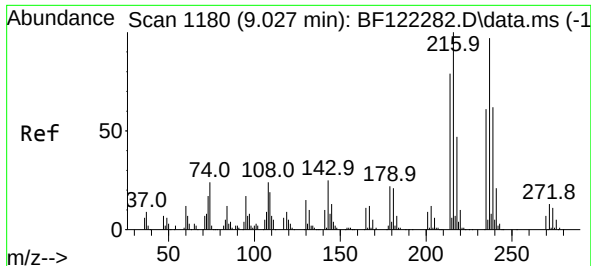


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.30 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion:216 Resp: 783085
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 21.3 17.0 25.6
108 21.4 15.5 23.3





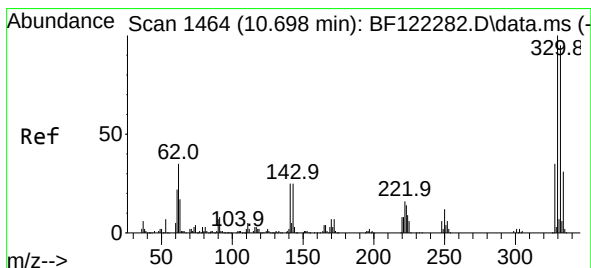
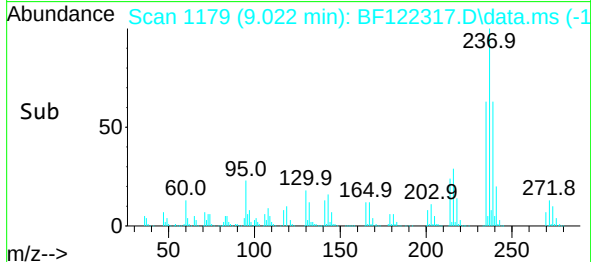
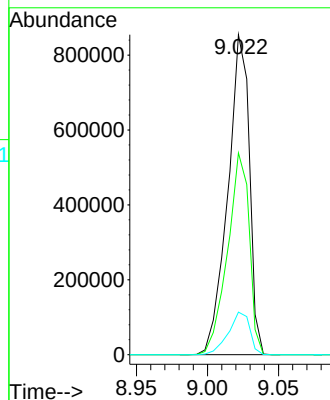
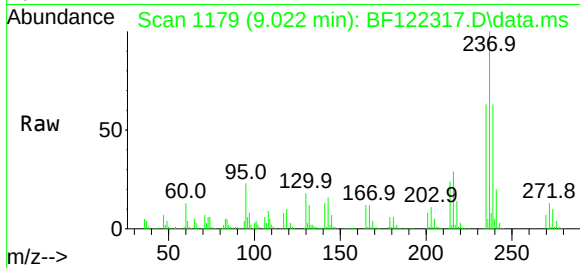
#41
Hexachlorocyclopentadiene
Concen: 89.18 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:237 Resp: 901382
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 13.3 0.0 33.5

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

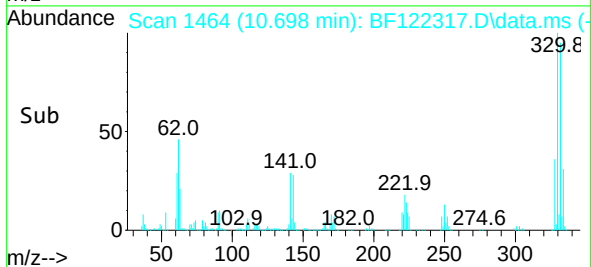
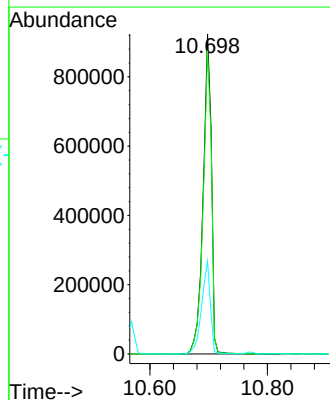
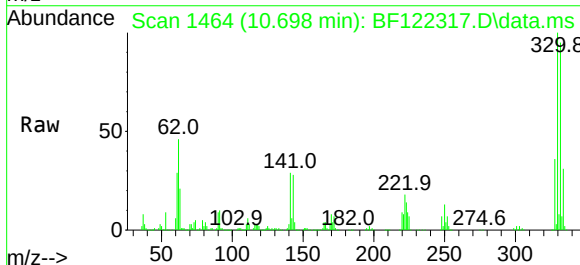
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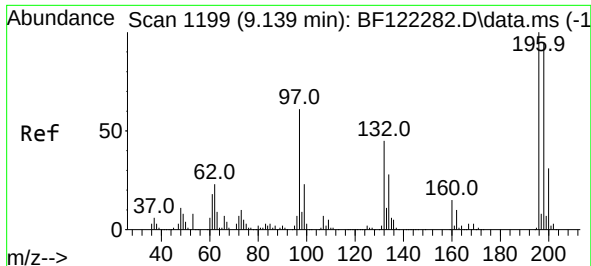
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#42
2,4,6-Tribromophenol
Concen: 151.37 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:330 Resp: 911394
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 30.4 22.3 33.5





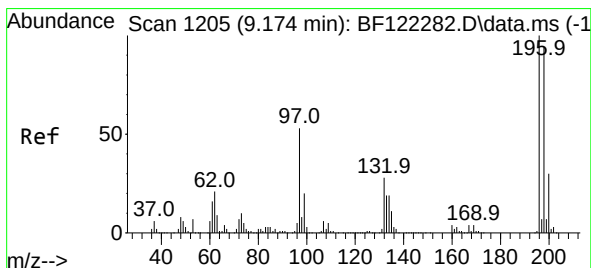
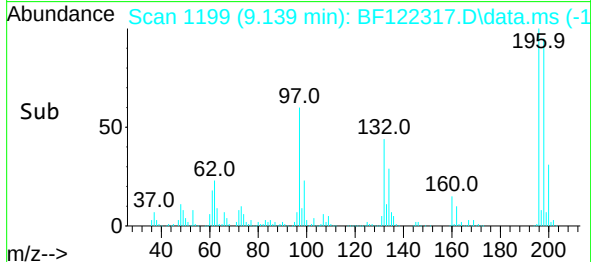
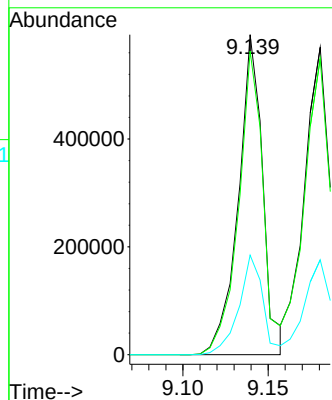
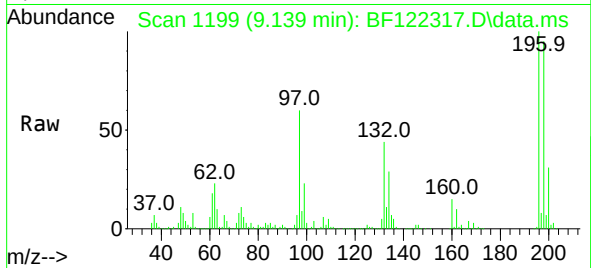
#43
2,4,6-Trichlorophenol
Concen: 52.53 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:196 Resp: 589751
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.6
200 31.1 24.6 36.8

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

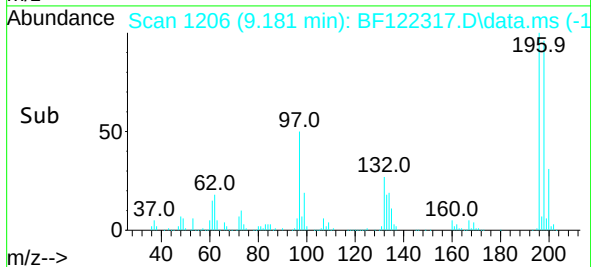
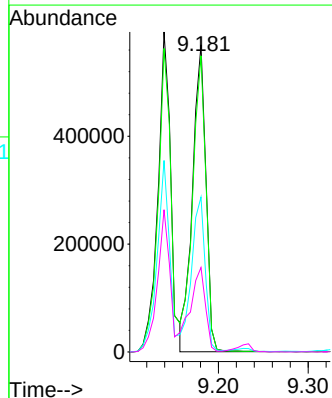
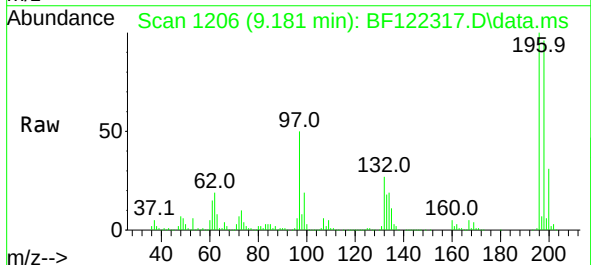
Manual Integrations
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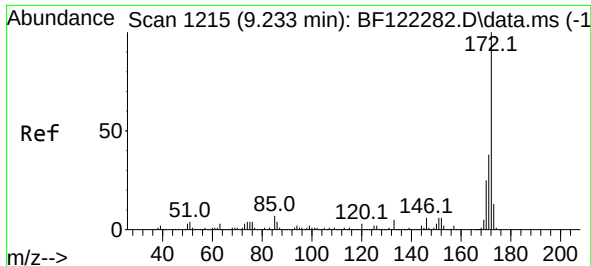
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#44
2,4,5-Trichlorophenol
Concen: 50.49 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:196 Resp: 594236
Ion Ratio Lower Upper
196 100
198 96.4 76.1 114.1
97 50.4 41.0 61.6
132 27.5 22.4 33.6





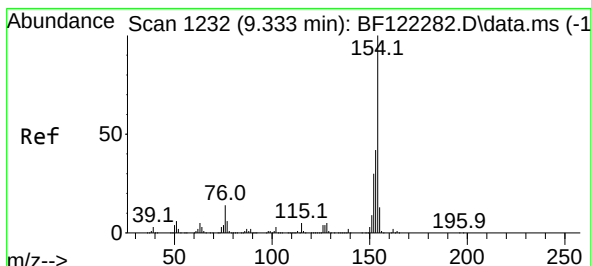
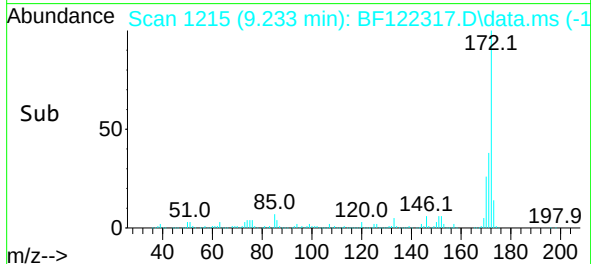
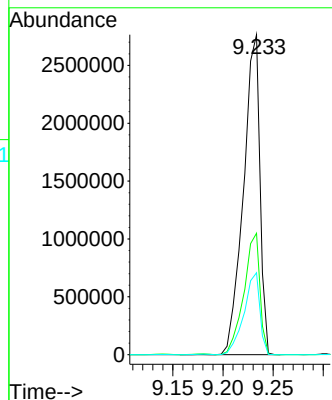
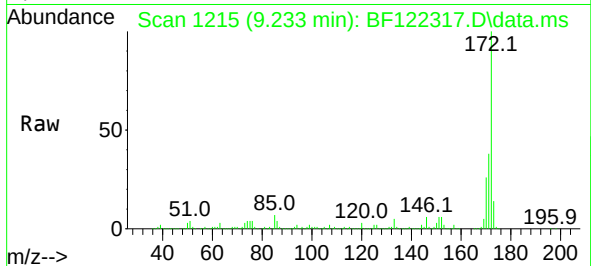
#45
2-Fluorobiphenyl
Concen: 88.25 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:172 Resp: 3168632
Ion Ratio Lower Upper
172 100
171 38.0 29.1 43.7
170 25.6 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

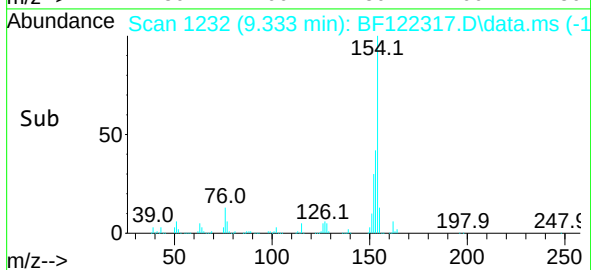
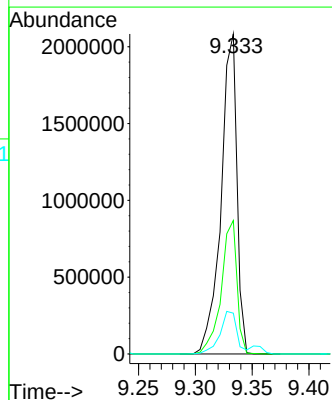
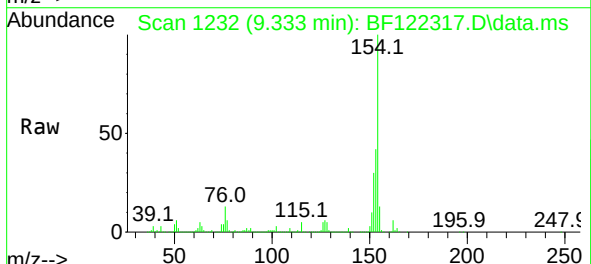
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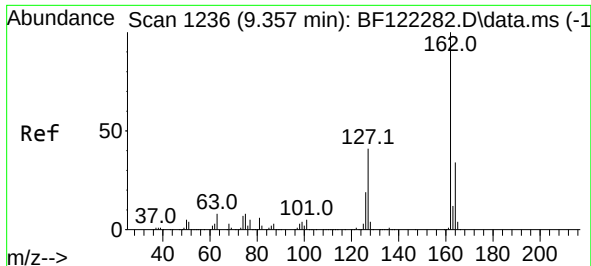
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#46
1,1'-Biphenyl
Concen: 45.50 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:154 Resp: 2031990
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 12.8 0.0 34.7





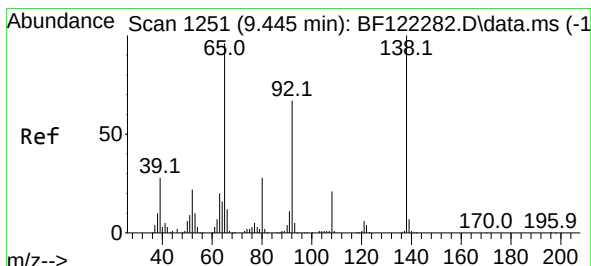
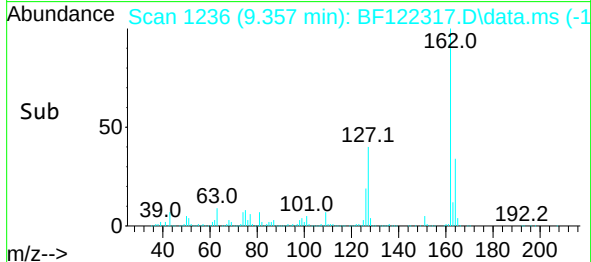
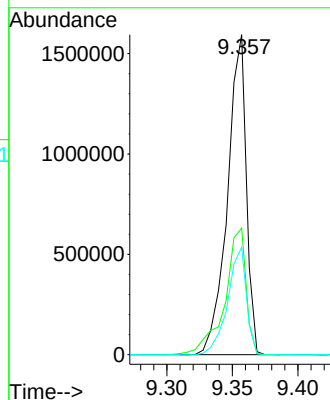
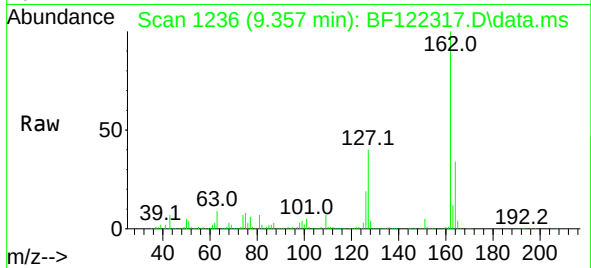
#47
2-Chloronaphthalene
Concen: 44.90 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:162 Resp: 1591206
Ion Ratio Lower Upper
162 100
127 39.6 34.4 51.6
164 33.6 26.3 39.5

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

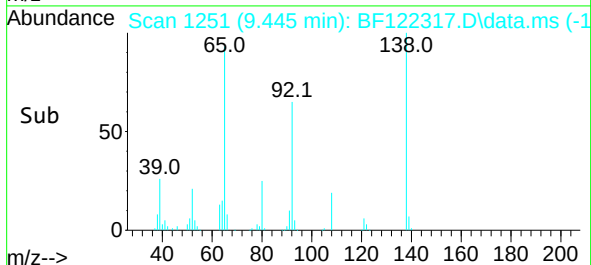
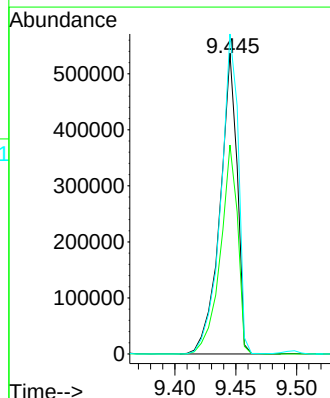
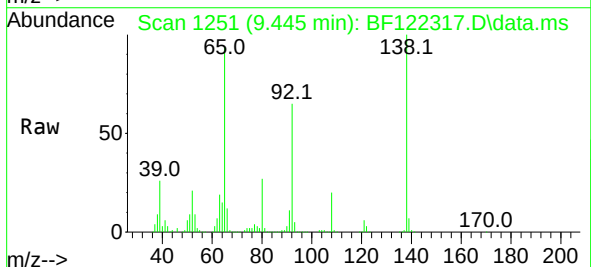
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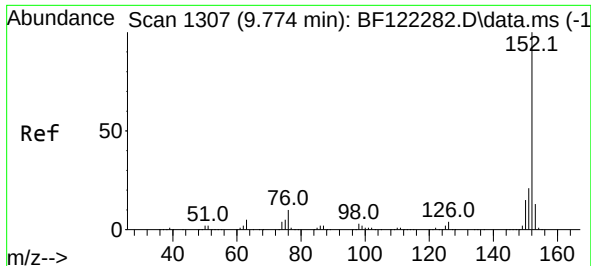
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#48
2-Nitroaniline
Concen: 49.85 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion: 65 Resp: 528688
Ion Ratio Lower Upper
65 100
92 69.5 55.1 82.7
138 106.4 80.5 120.7





#49

Acenaphthylene

Concen: 46.57 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

Tgt Ion:152 Resp: 2536674

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.4	24.6
153	13.6	10.6	15.8

Instrument :

BNA_F

ClientSampleId :

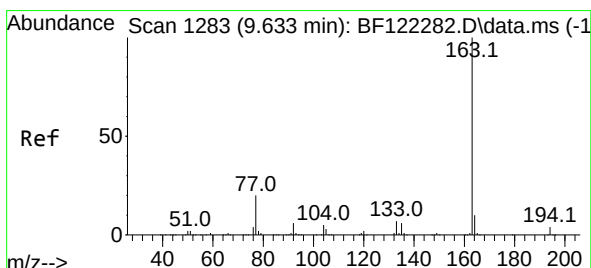
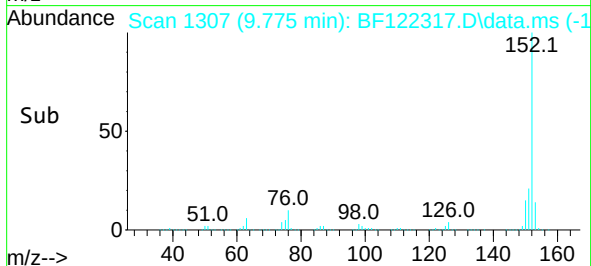
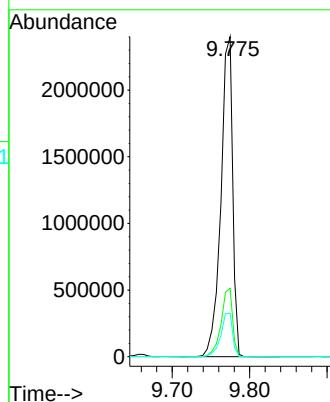
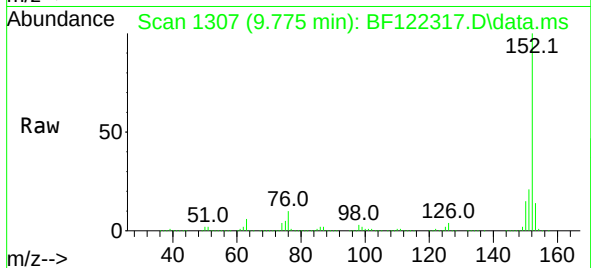
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#50

Dimethylphthalate

Concen: 64.48 ng

RT: 9.633 min Scan# 1283

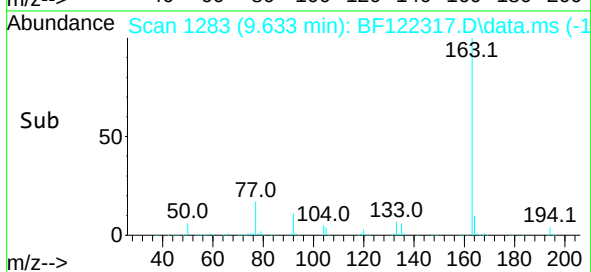
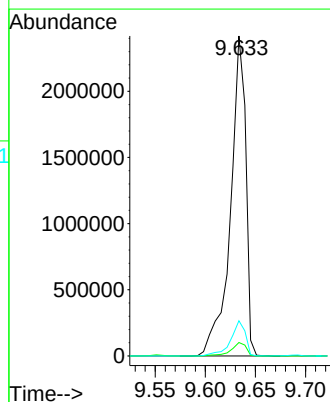
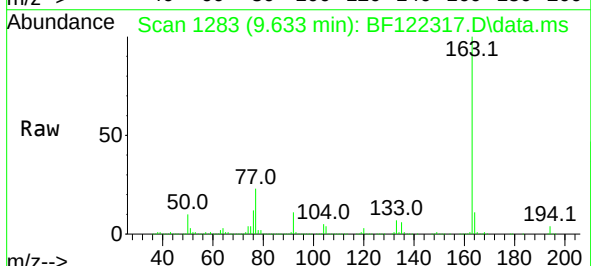
Delta R.T. 0.000 min

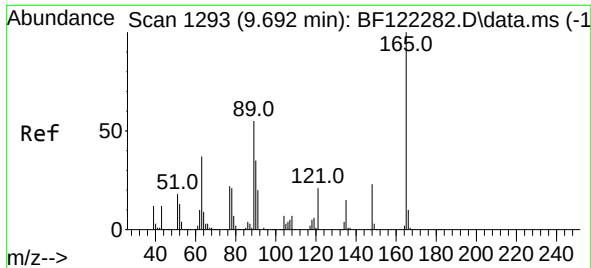
Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

Tgt Ion:163 Resp: 2571349

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	11.0	8.2	12.4





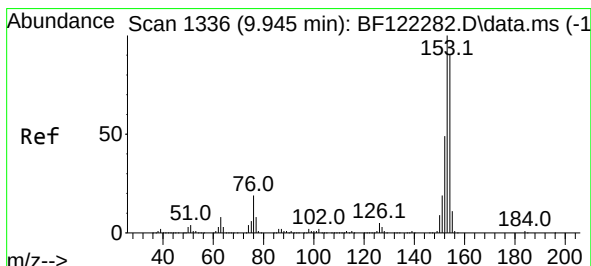
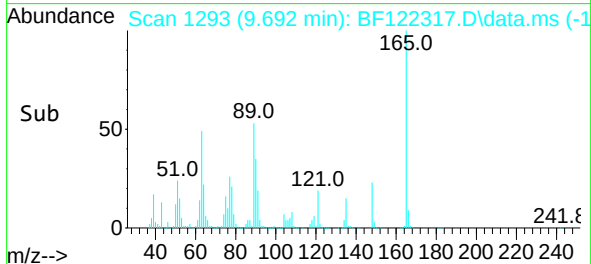
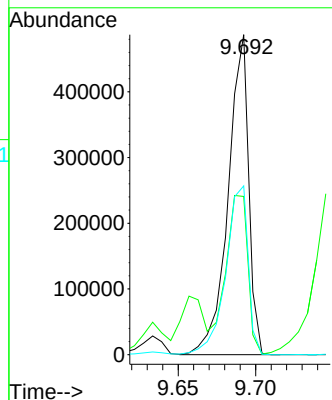
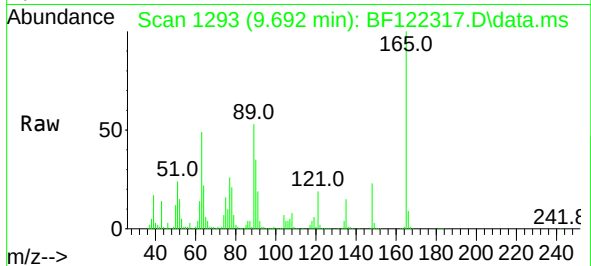
#51
2,6-Dinitrotoluene
Concen: 50.42 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:165 Resp: 449341
Ion Ratio Lower Upper
165 100
63 49.5 51.8 77.6#
89 52.7 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

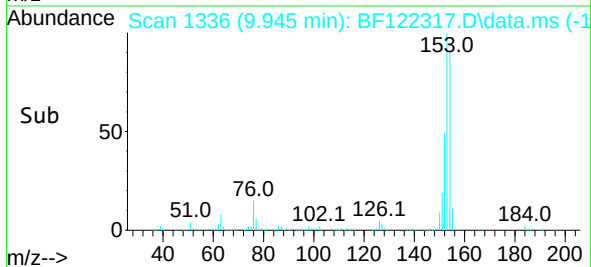
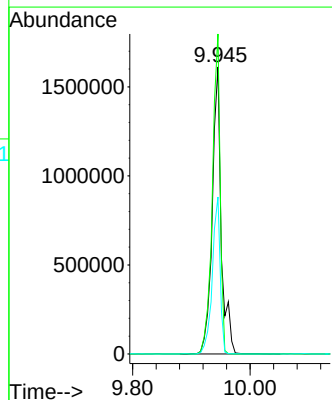
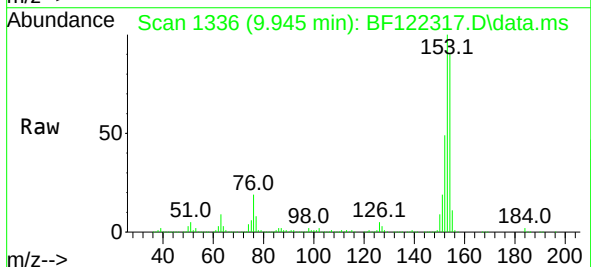
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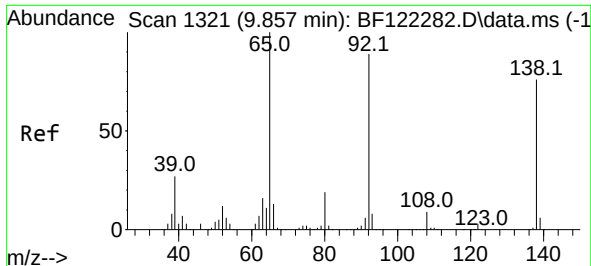
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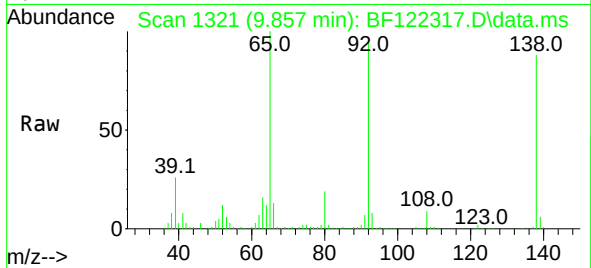
#52
Acenaphthene
Concen: 51.17 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:154 Resp: 1725404
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 54.7 43.2 64.8

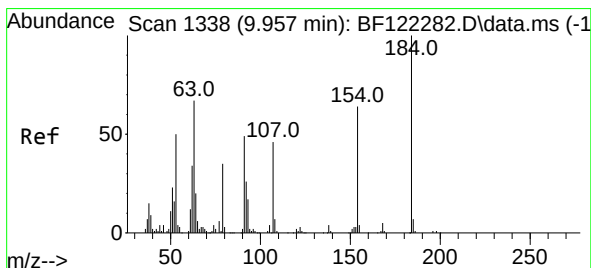
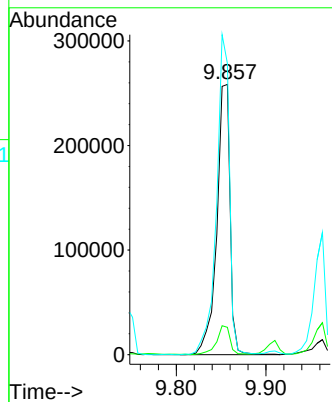
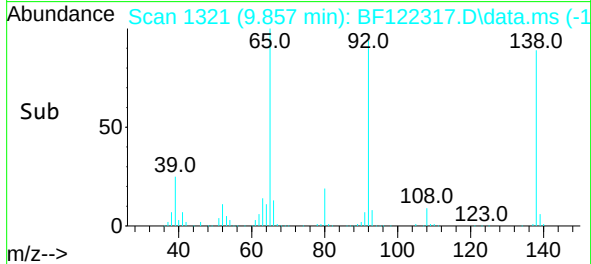




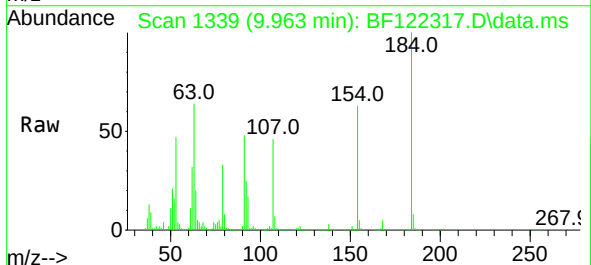
#53
3-Nitroaniline
Concen: 27.88 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



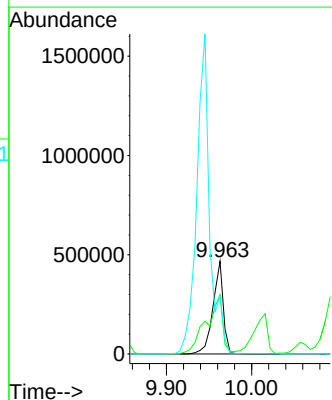
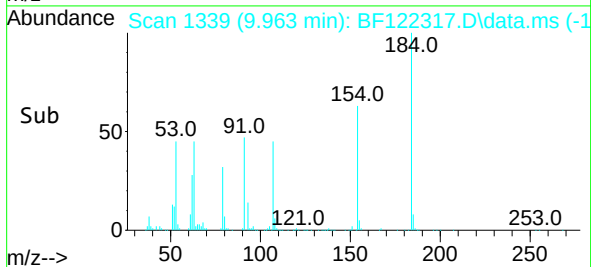
Tgt Ion:138 Resp: 265474
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 107.8 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 94.44 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



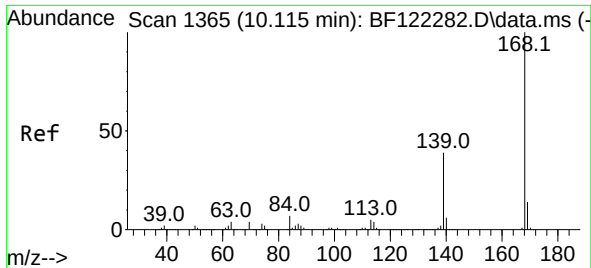
Tgt Ion:184 Resp: 394839
Ion Ratio Lower Upper
184 100
63 63.9 45.9 68.9
154 62.8 45.8 68.6



Instrument :
BNA_F
ClientSampleId :
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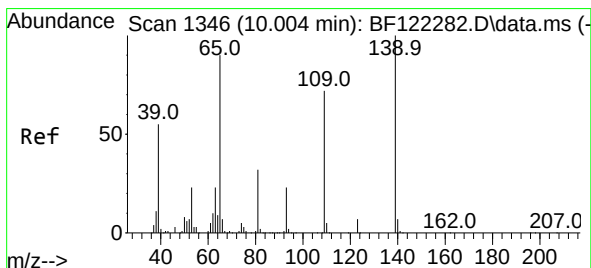
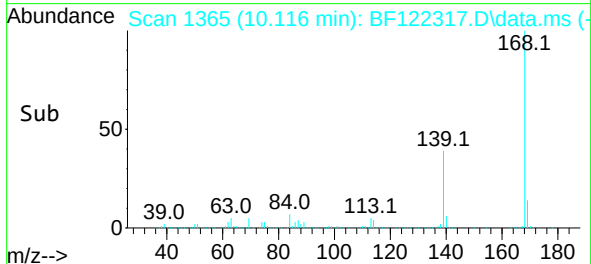
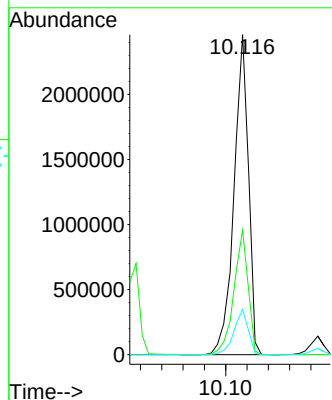
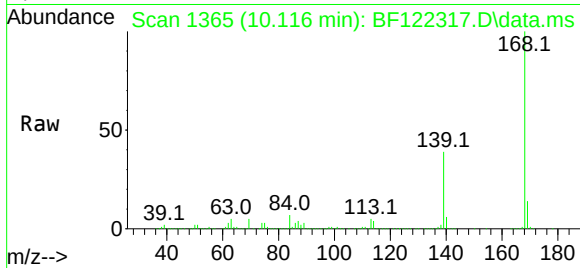
#55
Dibenzofuran
Concen: 46.83 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:168 Resp: 2313357
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.6
169 14.1 11.3 16.9

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

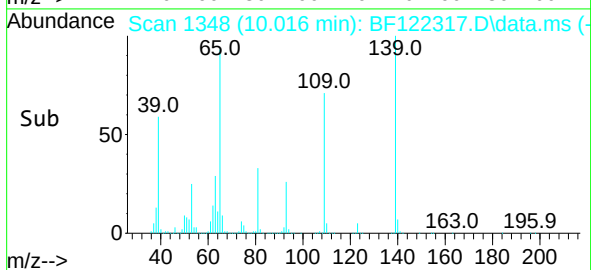
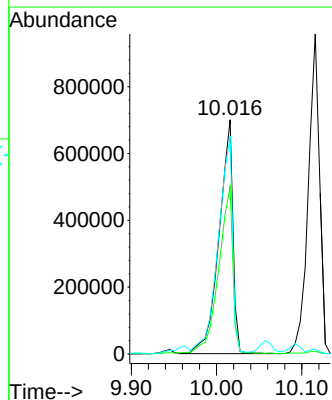
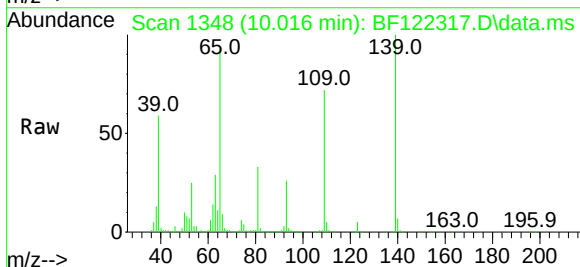
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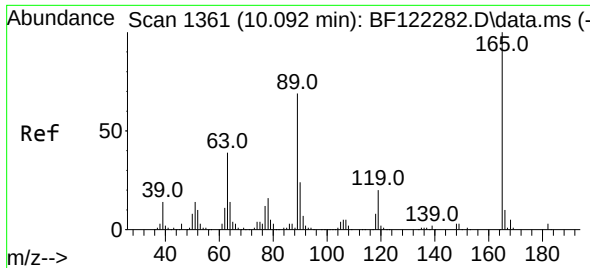
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#56
4-Nitrophenol
Concen: 89.97 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:139 Resp: 788811
Ion Ratio Lower Upper
139 100
109 71.5 45.4 85.4
65 93.0 68.4 108.4





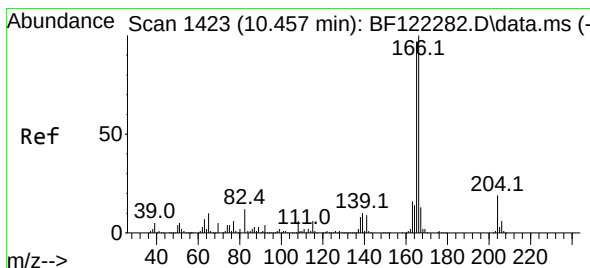
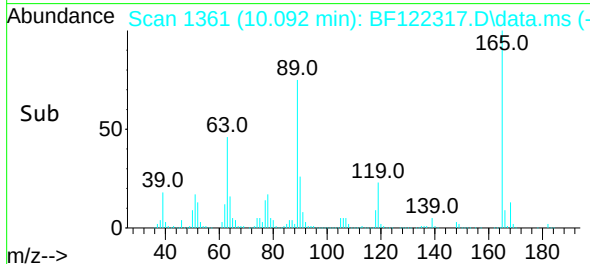
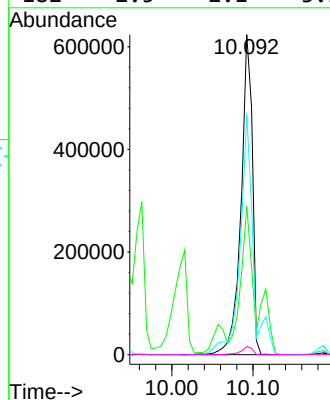
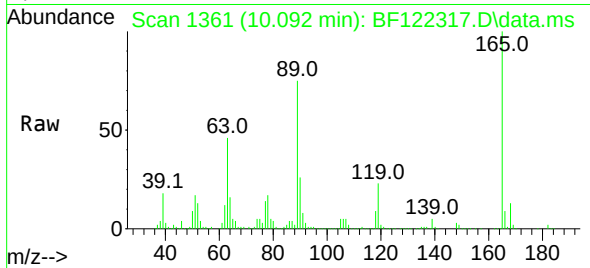
#57
2,4-Dinitrotoluene
Concen: 53.44 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:	165	Resp:	604160
Ion Ratio	Lower	Upper	
165	100		
63	46.4	41.3	61.9
89	75.1	61.8	92.8
182	2.5	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

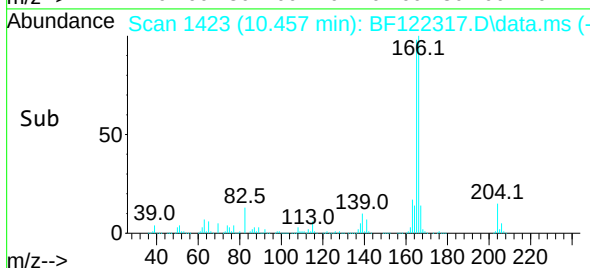
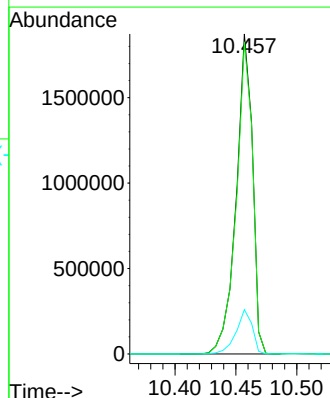
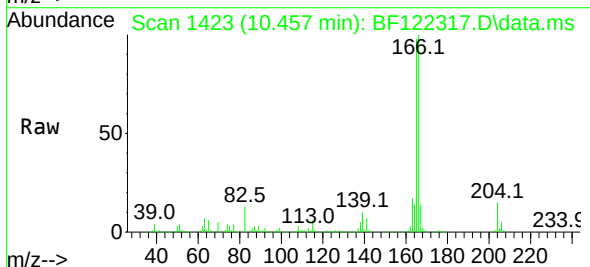
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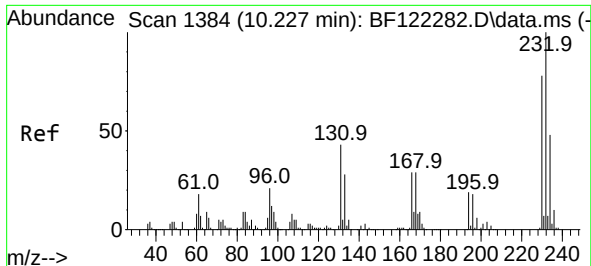
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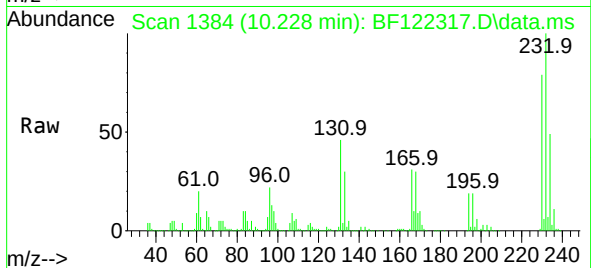
#58
Fluorene
Concen: 45.96 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:	166	Resp:	1738397
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.1	118.7
167	13.8	11.0	16.6

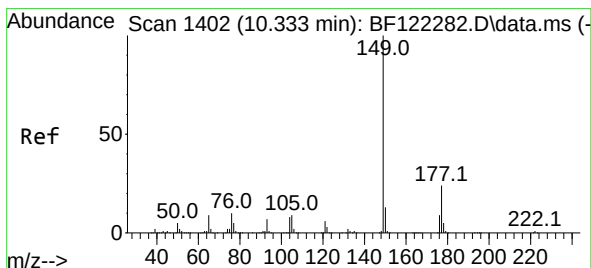
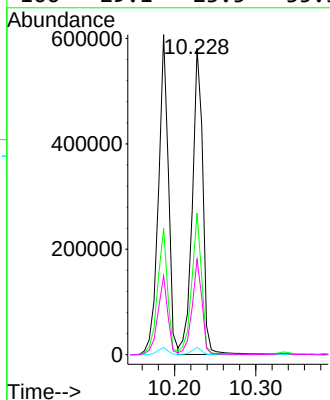
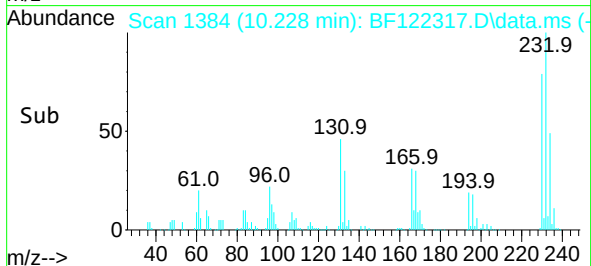




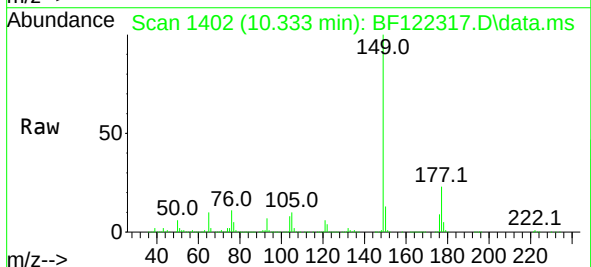
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.51 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



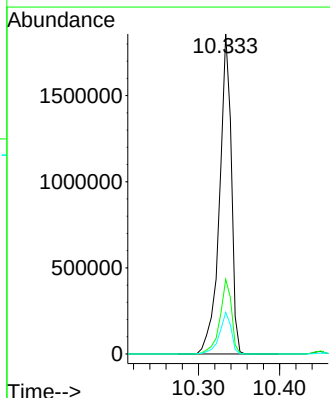
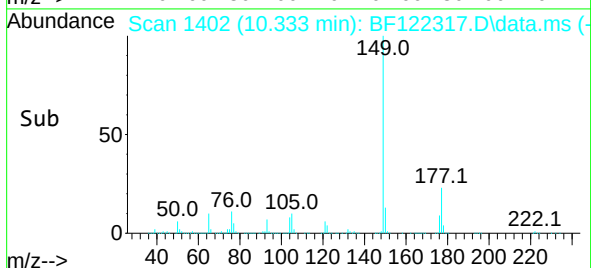
Tgt Ion:232 Resp: 523756
Ion Ratio Lower Upper
232 100
131 43.6 35.9 53.9
130 2.2 1.8 2.6
166 29.1 23.5 35.3



#60
Diethylphthalate
Concen: 48.17 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



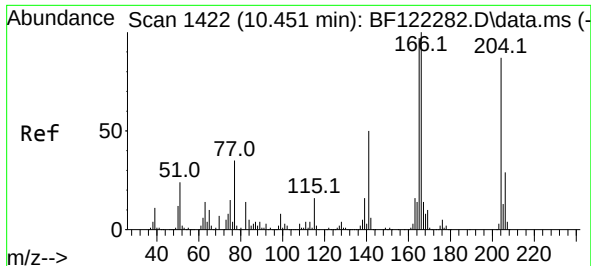
Tgt Ion:149 Resp: 1884463
Ion Ratio Lower Upper
149 100
177 23.3 18.1 27.1
150 13.0 10.3 15.5



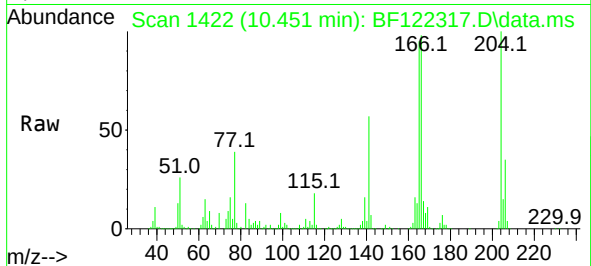
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

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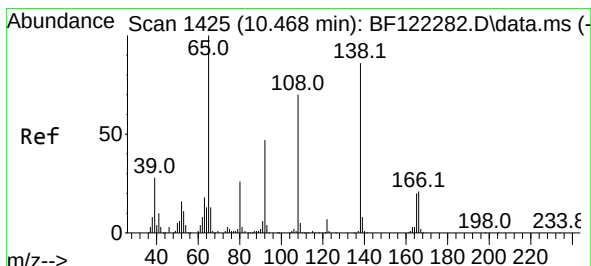
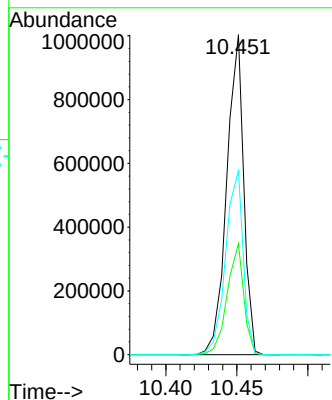
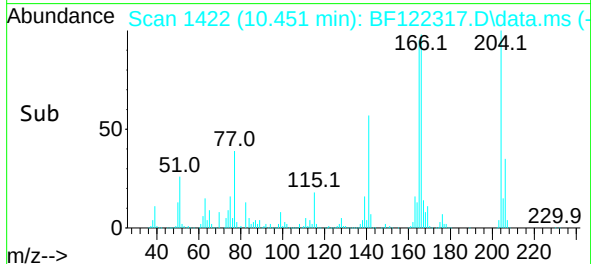
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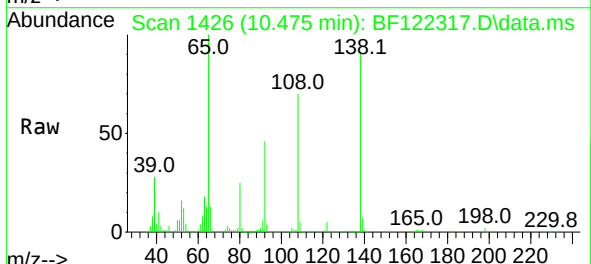
#61
4-Chlorophenyl-phenylether
Concen: 46.62 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



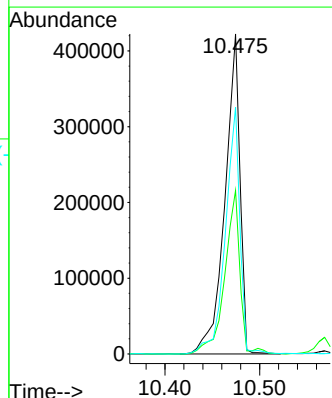
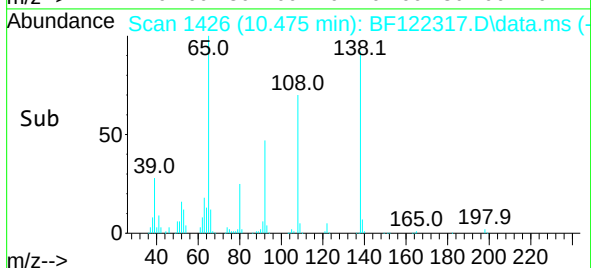
Tgt Ion:204 Resp: 832538
Ion Ratio Lower Upper
204 100
206 34.7 26.0 39.0
141 57.5 46.2 69.4



#62
4-Nitroaniline
Concen: 47.43 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.007 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



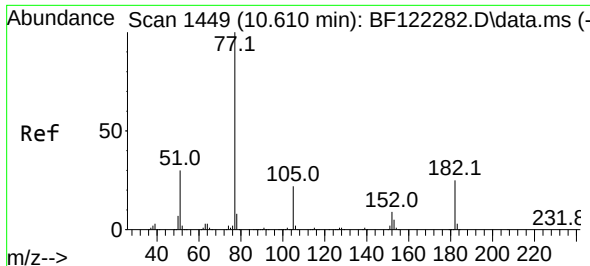
Tgt Ion:138 Resp: 468608
Ion Ratio Lower Upper
138 100
92 51.1 31.0 71.0
108 77.1 51.5 91.5



Instrument :
BNA_F
ClientSampleId :
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#63
Azobenzene
Concen: 46.75 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

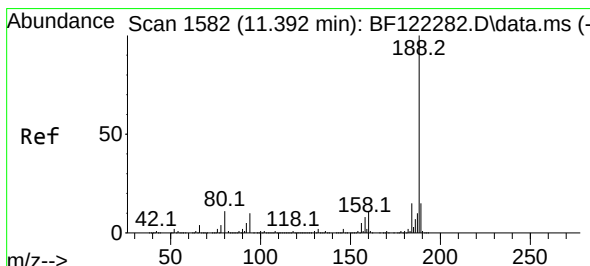
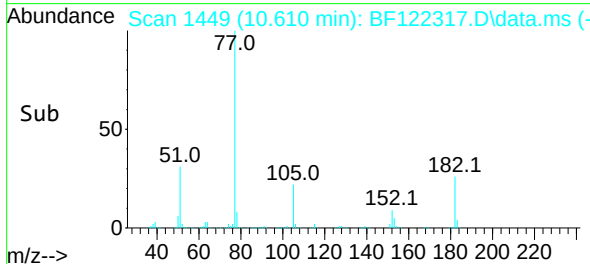
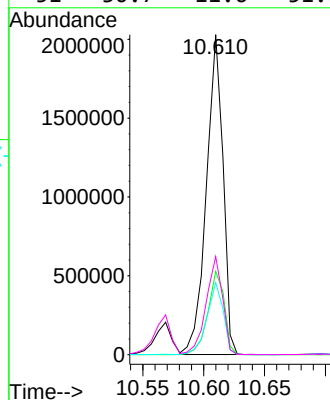
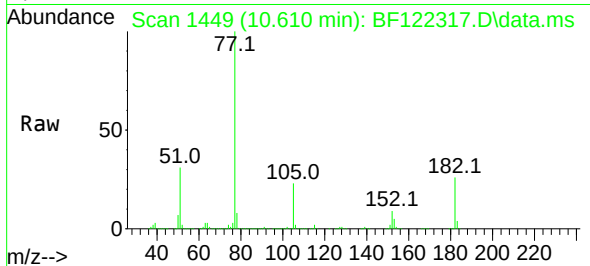
Tgt Ion: 77 Resp: 1918373

Ion	Ratio	Lower	Upper
77	100		
182	26.0	3.4	43.4
105	22.5	1.7	41.7
51	30.7	11.6	51.6

Instrument :
BNA_F
ClientSampleId :
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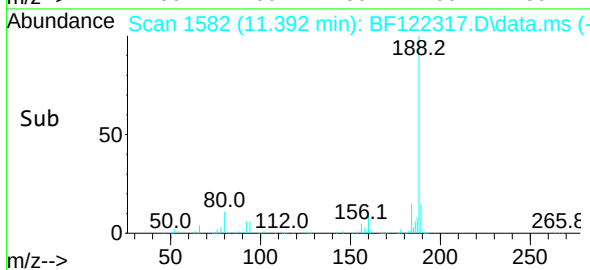
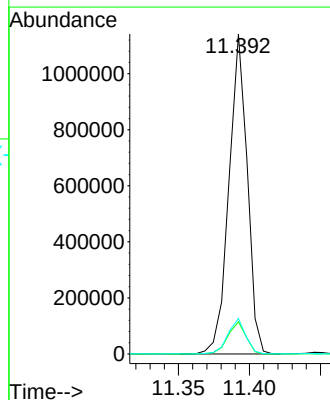
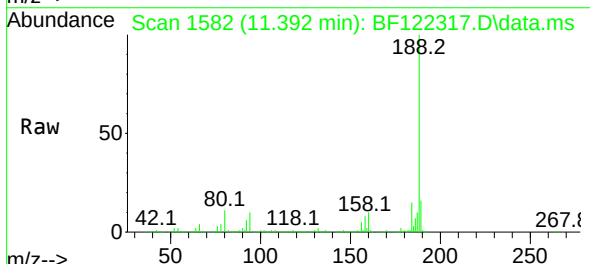
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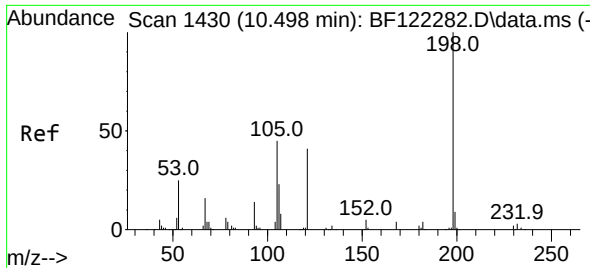


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

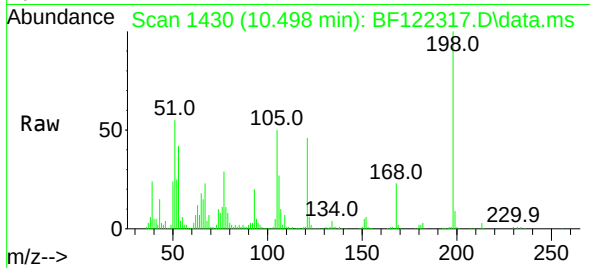
Tgt Ion: 188 Resp: 1022321

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	11.1	9.1	13.7

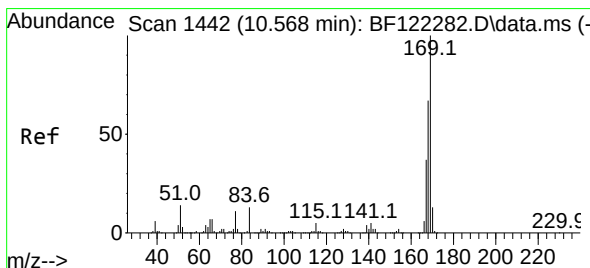
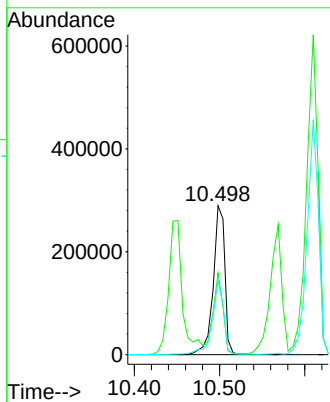
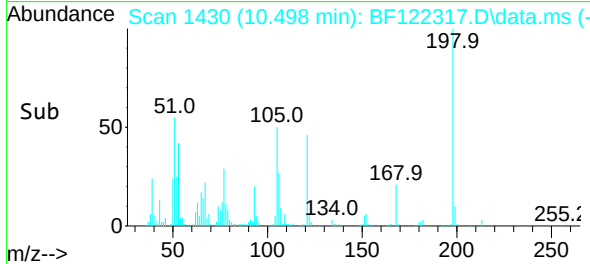




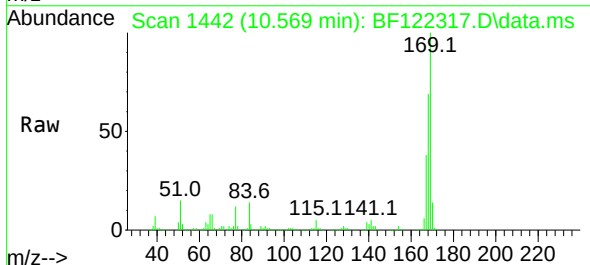
#65
4,6-Dinitro-2-methylphenol
Concen: 57.51 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



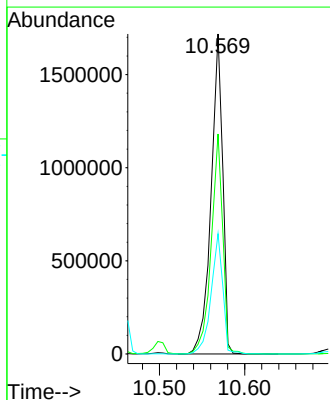
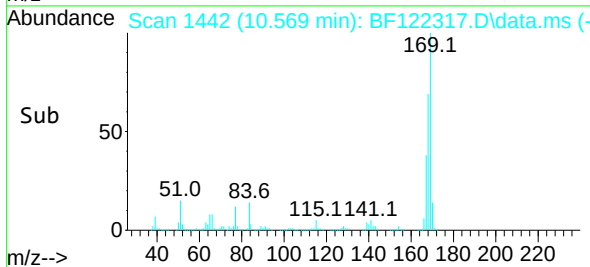
Tgt Ion:198 Resp: 275768
Ion Ratio Lower Upper
198 100
51 54.9 29.6 69.6
105 50.2 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.95 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



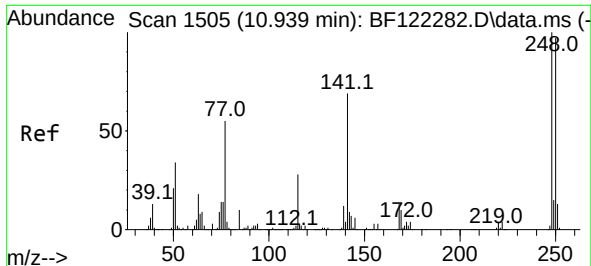
Tgt Ion:169 Resp: 1635374
Ion Ratio Lower Upper
169 100
168 68.8 50.0 75.0
167 37.6 27.8 41.6



Instrument :
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ClientSampleId :
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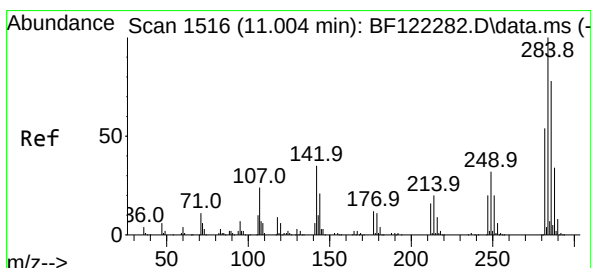
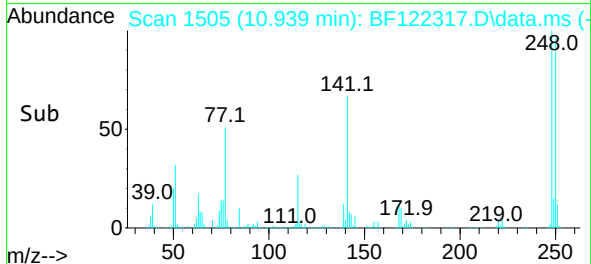
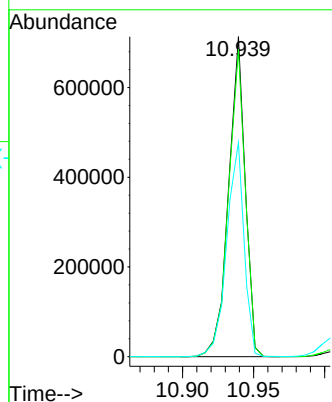
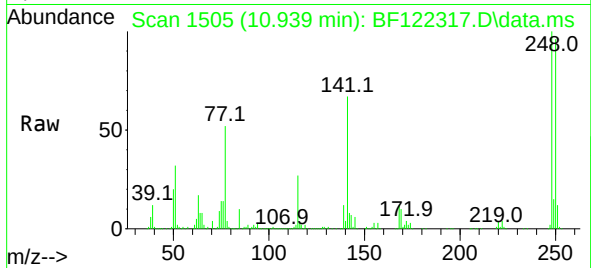
#67
4-Bromophenyl-phenylether
Concen: 48.34 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

Tgt Ion:248 Resp: 580734
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.6
141 67.0 53.7 80.5

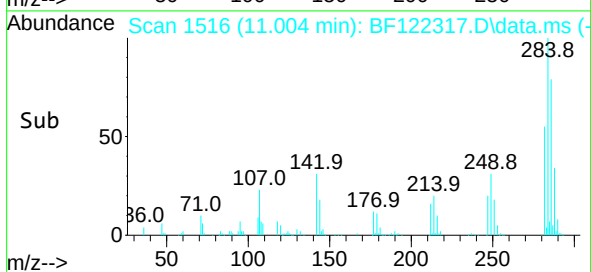
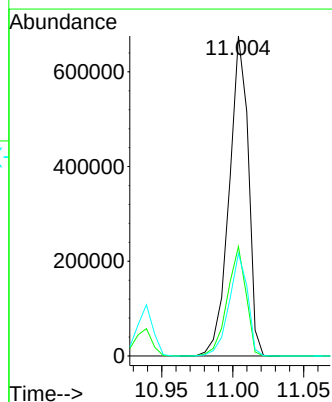
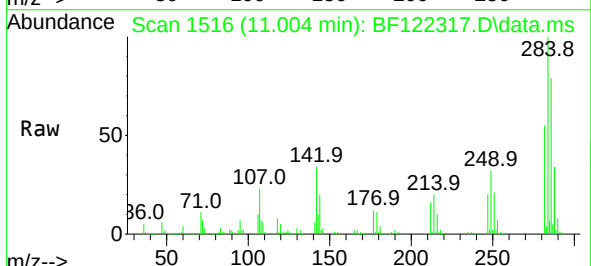
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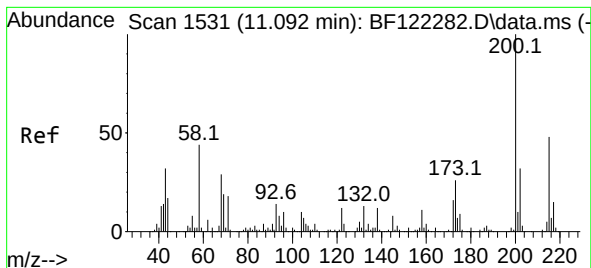
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#68
Hexachlorobenzene
Concen: 48.69 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:284 Resp: 632000
Ion Ratio Lower Upper
284 100
142 34.2 27.4 41.2
249 32.1 24.2 36.4





#69

Atrazine

Concen: 52.37 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

Tgt Ion:200 Resp: 454330

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

215 47.4 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

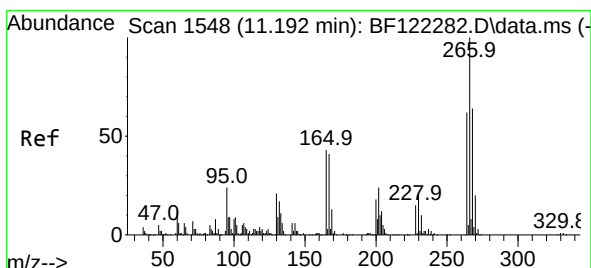
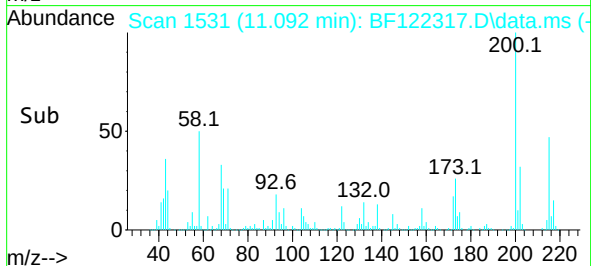
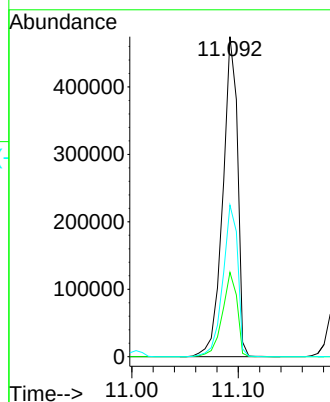
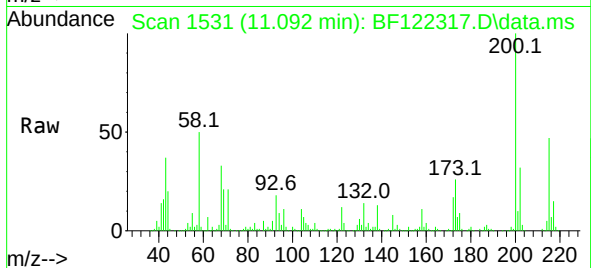
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#70

Pentachlorophenol

Concen: 101.86 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF122317.D

Acq: 12 Nov 2020 16:03

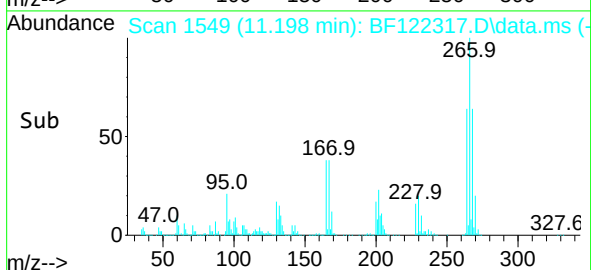
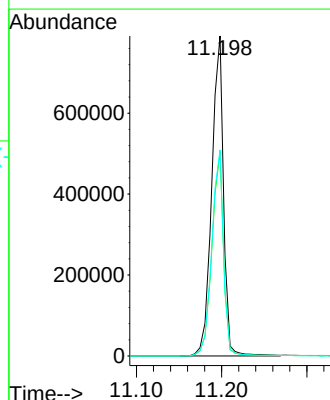
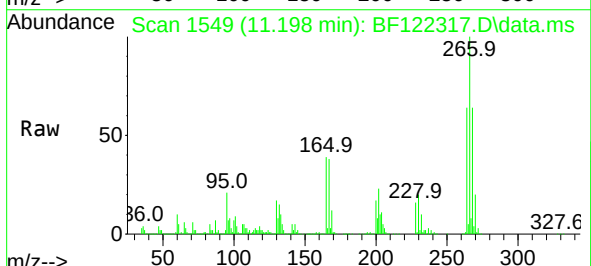
Tgt Ion:266 Resp: 761686

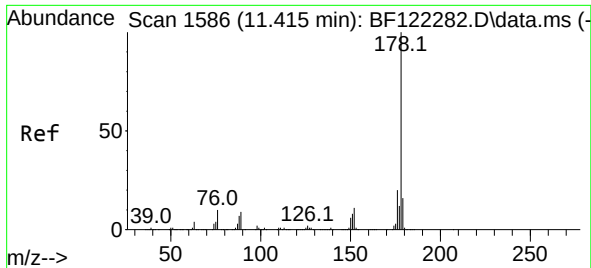
Ion Ratio Lower Upper

266 100

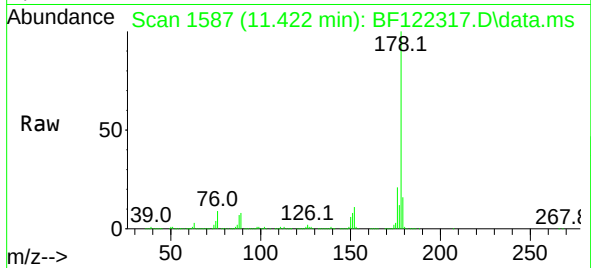
268 63.7 52.4 78.6

264 64.4 49.9 74.9

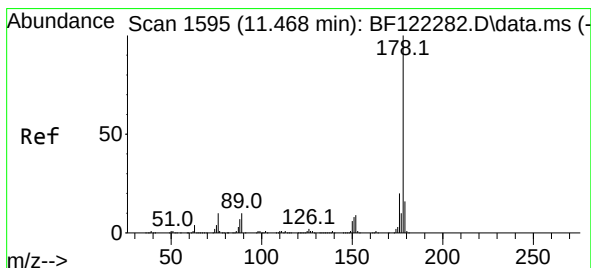
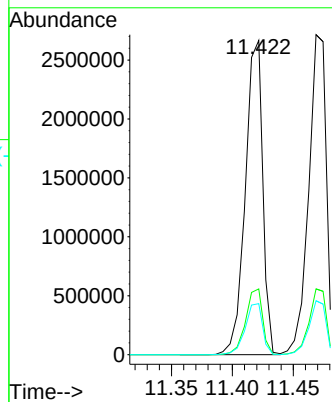
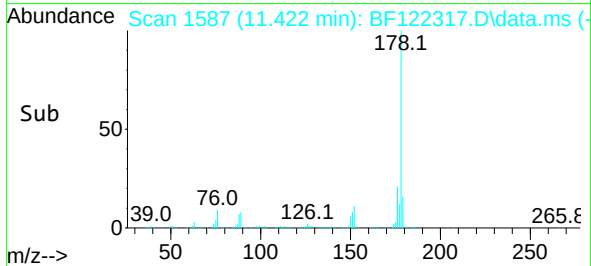




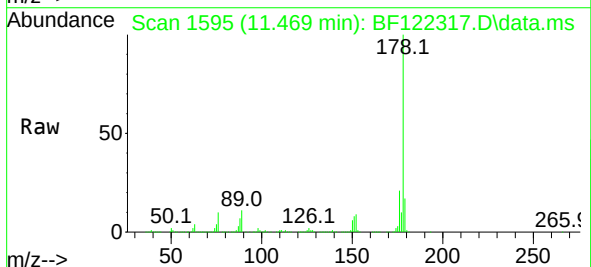
#71
Phenanthrene
Concen: 45.82 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



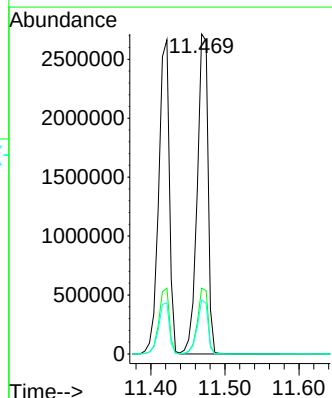
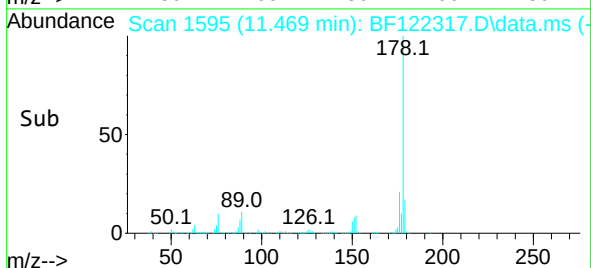
Tgt Ion:178 Resp: 2657455
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 16.3 12.2 18.4



#72
Anthracene
Concen: 45.83 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



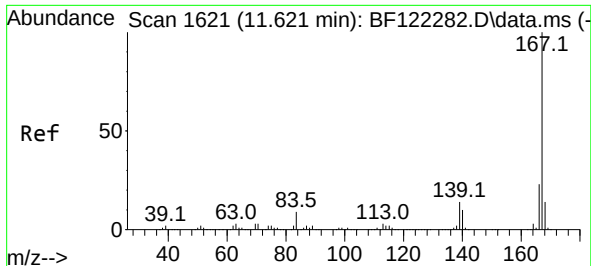
Tgt Ion:178 Resp: 2739661
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 16.9 12.7 19.1



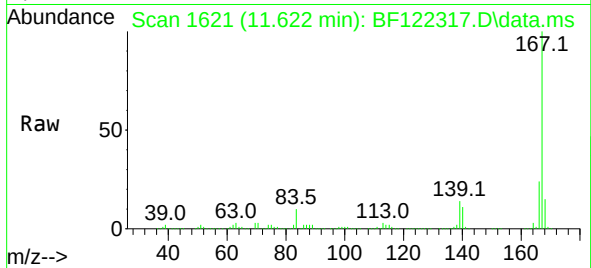
Instrument :
BNA_F
ClientSampleId :
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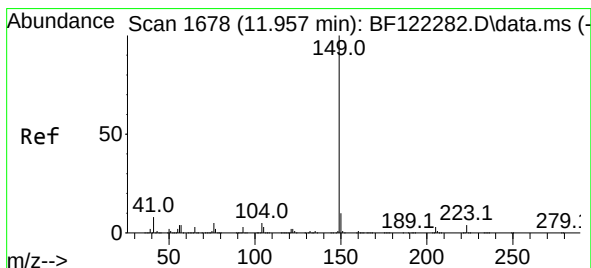
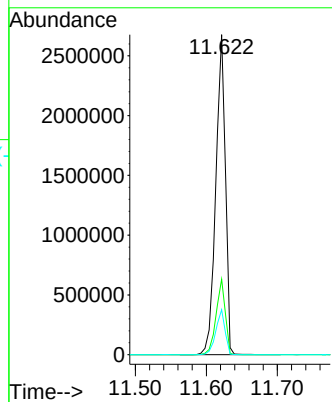
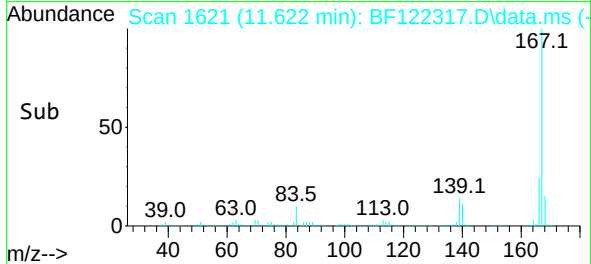
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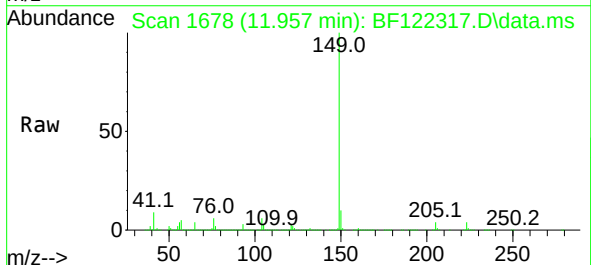
#73
 Carbazole
 Concen: 46.34 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF122317.D
 Acq: 12 Nov 2020 16:03



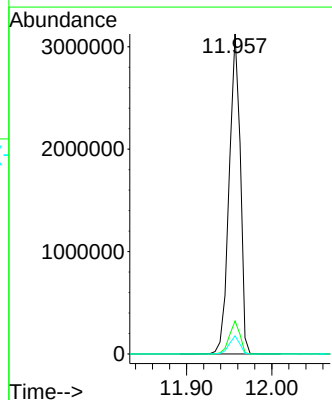
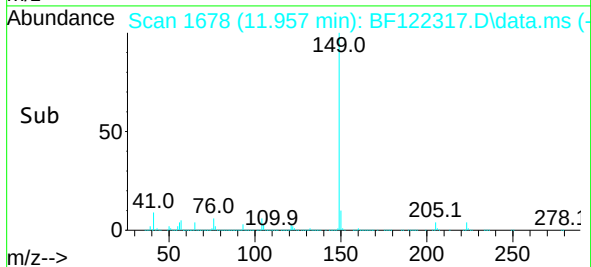
Tgt Ion:167 Resp: 2520198
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.8 26.6
 139 14.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 48.77 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF122317.D
 Acq: 12 Nov 2020 16:03



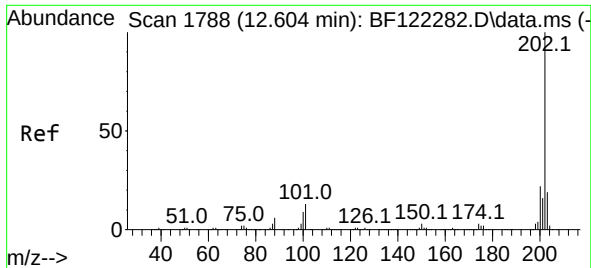
Tgt Ion:149 Resp: 2827599
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.7 11.5
 104 5.7 4.2 6.2



Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MSD

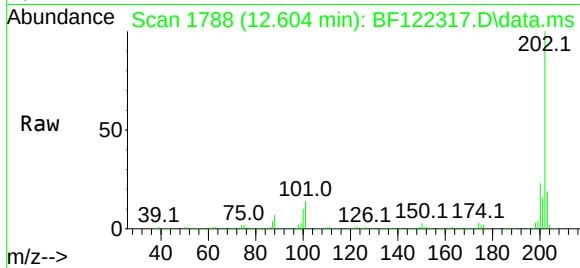
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#75
Fluoranthene
Concen: 46.84 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

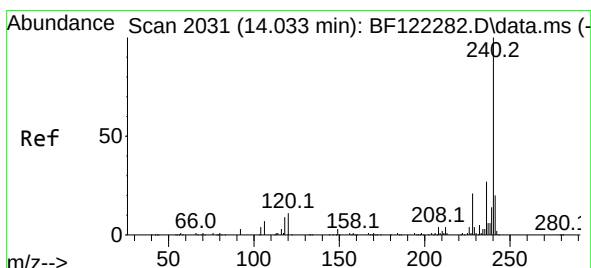
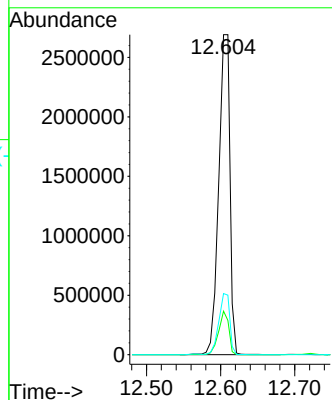
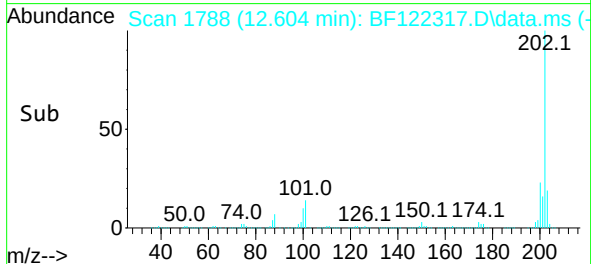
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



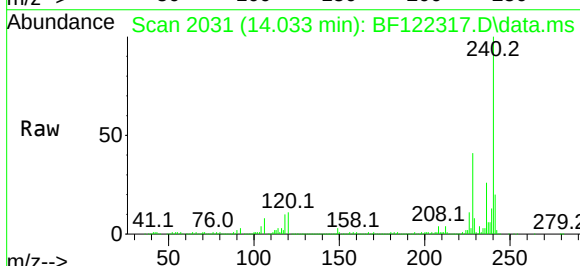
Tgt Ion:202 Resp: 2836186
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.4
203 19.1 0.0 37.9

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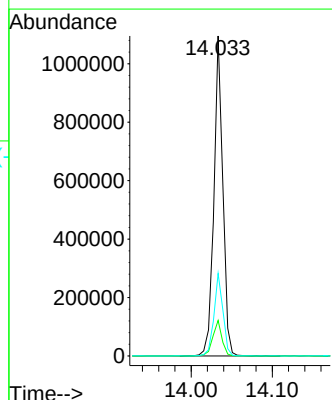
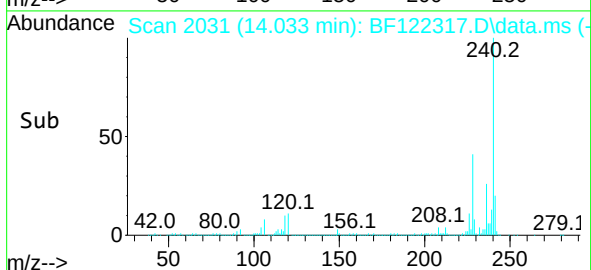
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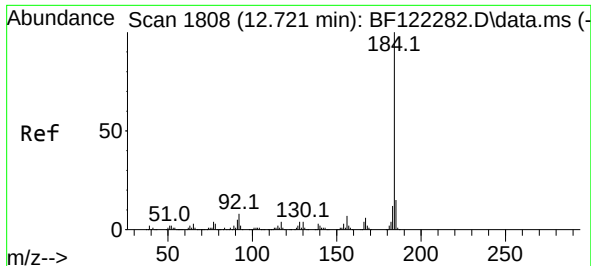


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion:240 Resp: 833767
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.8 20.9 31.3





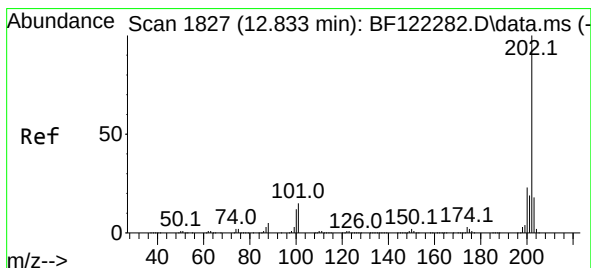
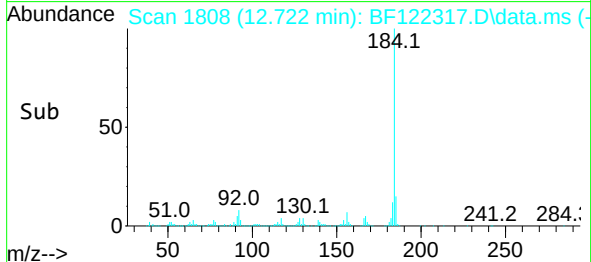
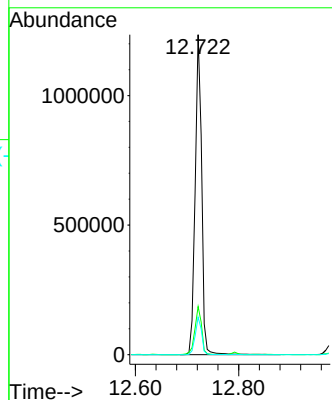
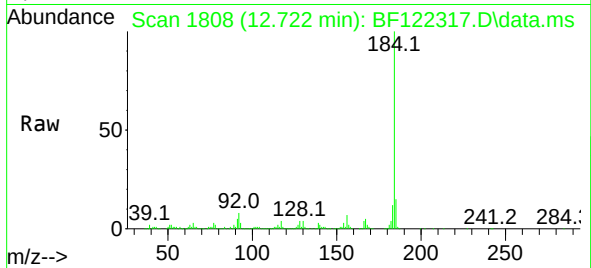
#77
Benzidine
Concen: 46.56 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:184 Resp: 1076613
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 11.7 9.4 14.0

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

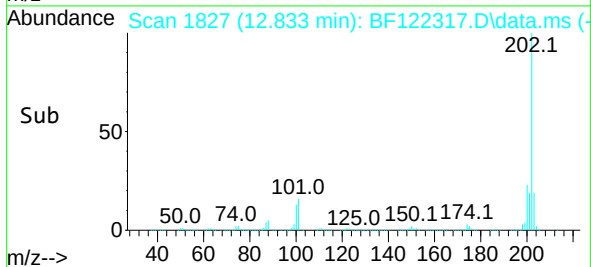
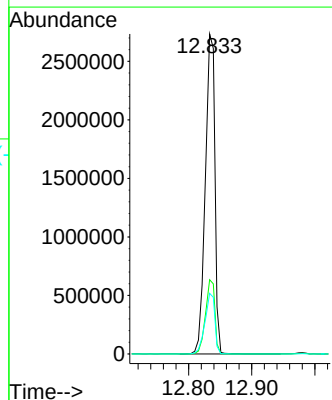
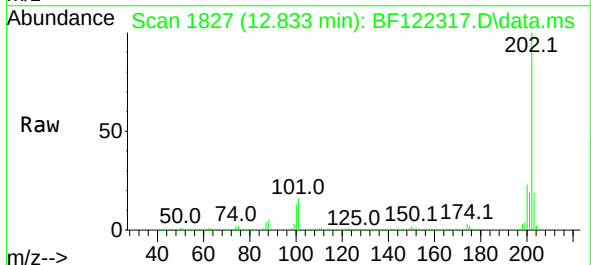
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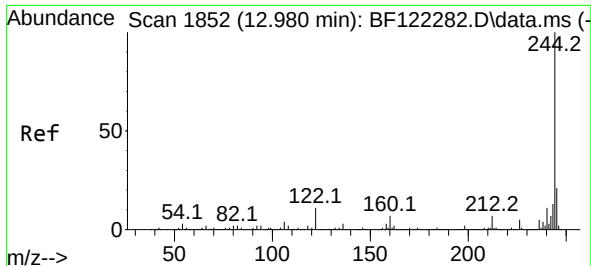
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#78
Pyrene
Concen: 49.28 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

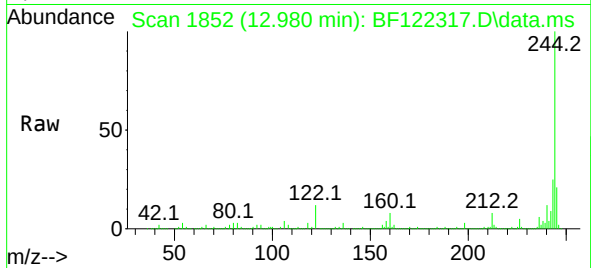
Tgt Ion:202 Resp: 2886577
Ion Ratio Lower Upper
202 100
200 23.2 17.4 26.2
203 18.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 84.60 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122317.D
 Acq: 12 Nov 2020 16:03

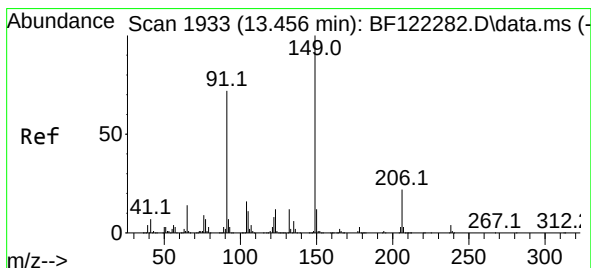
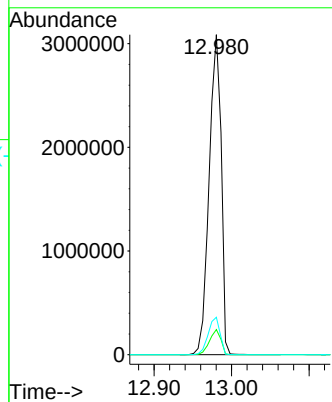
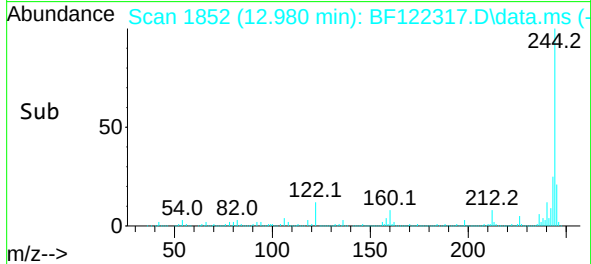
Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MSD



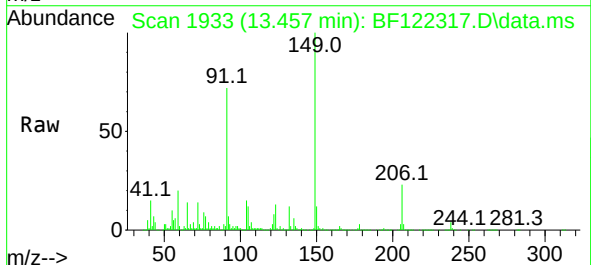
Tgt Ion:244 Resp: 3329555
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 11.7 8.1 12.1

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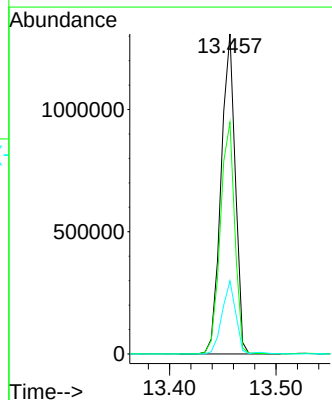
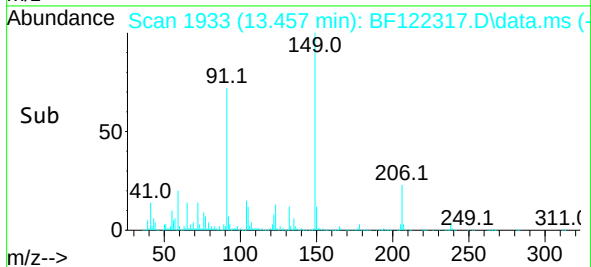
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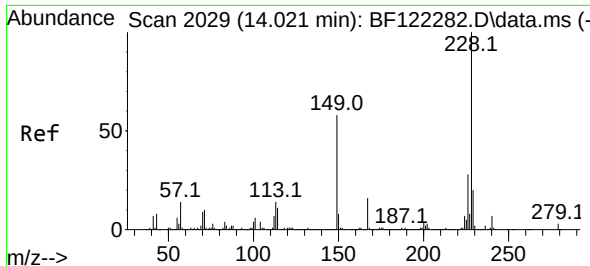


#80
 Butylbenzylphthalate
 Concen: 51.23 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.001 min
 Lab File: BF122317.D
 Acq: 12 Nov 2020 16:03



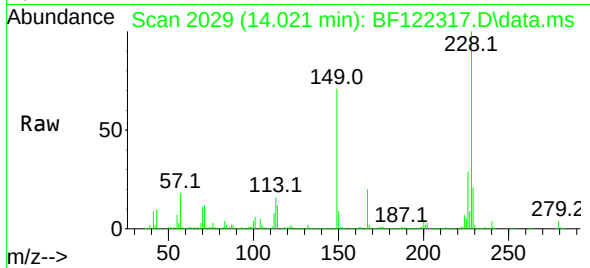
Tgt Ion:149 Resp: 1208889
 Ion Ratio Lower Upper
 149 100
 91 72.4 61.0 91.4
 206 22.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.52 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

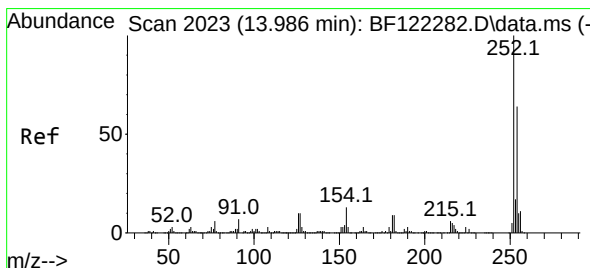
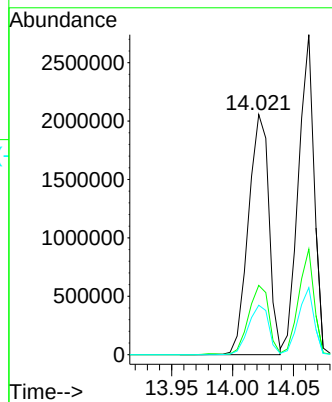
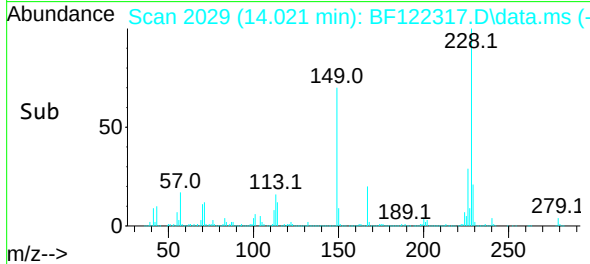
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



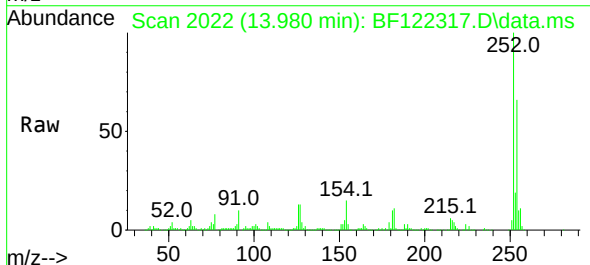
Tgt Ion:228 Resp: 2412413
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 20.6 16.2 24.4

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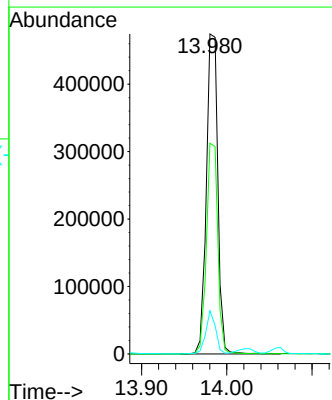
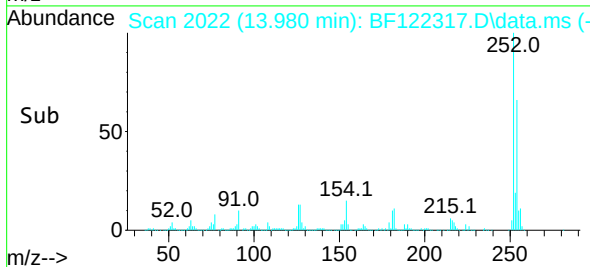
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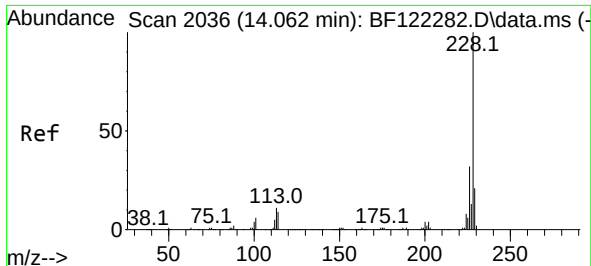


#82
3,3'-Dichlorobenzidine
Concen: 22.90 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion:252 Resp: 442451
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.6
126 13.5 8.8 13.2#





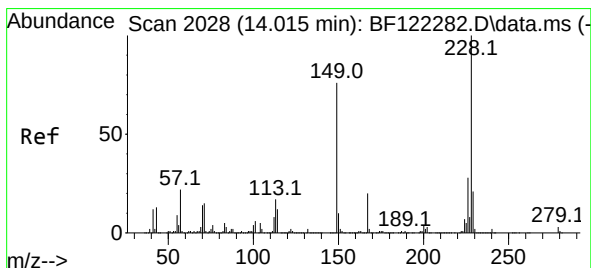
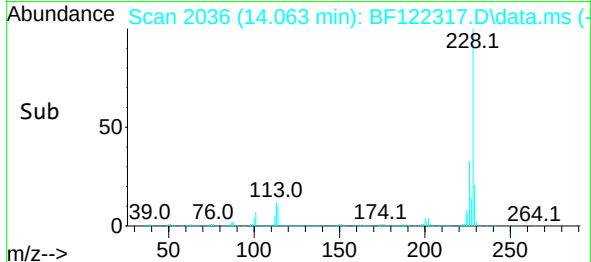
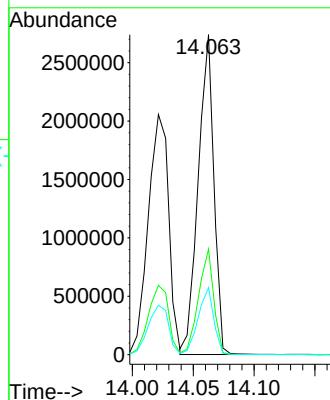
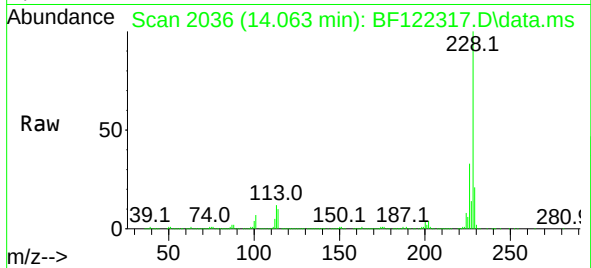
#83
Chrysene
Concen: 47.16 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:228 Resp: 2462874
Ion Ratio Lower Upper
228 100
226 33.0 24.6 37.0
229 20.9 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

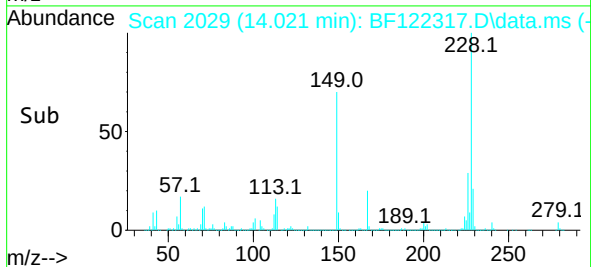
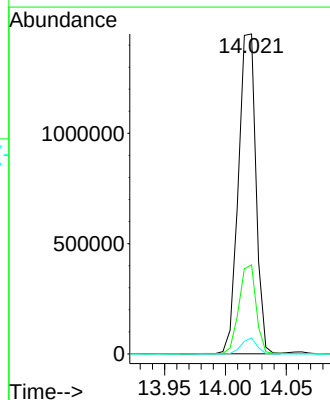
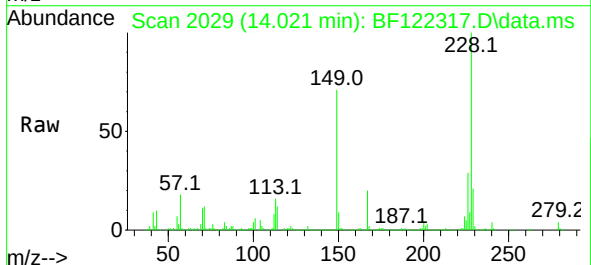
Manual Integrations
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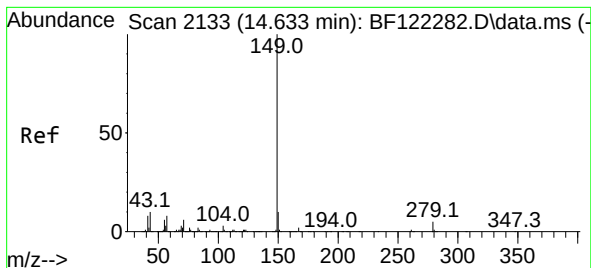
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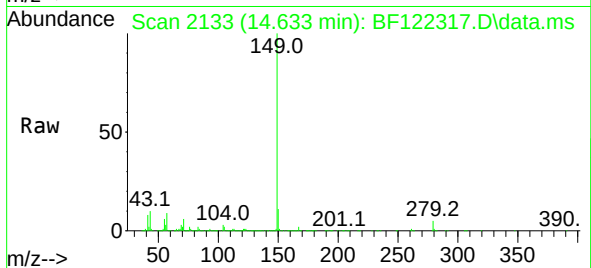
#84
Bis(2-ethylhexyl)phthalate
Concen: 51.61 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

Tgt Ion:149 Resp: 1457620
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 5.0 3.2 4.8#

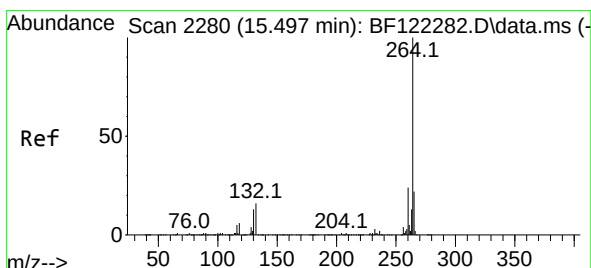
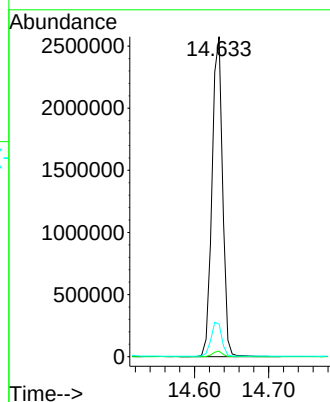
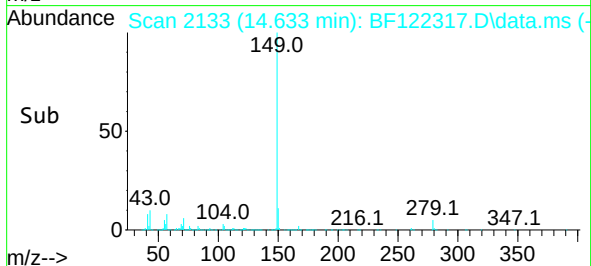




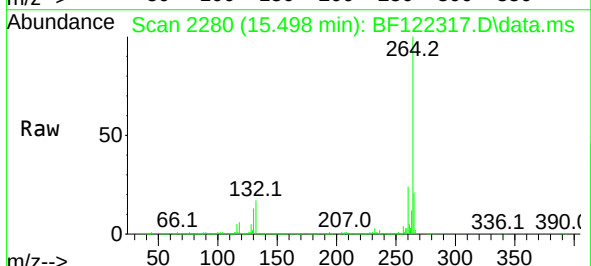
#85
Di-n-octyl phthalate
Concen: 53.11 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



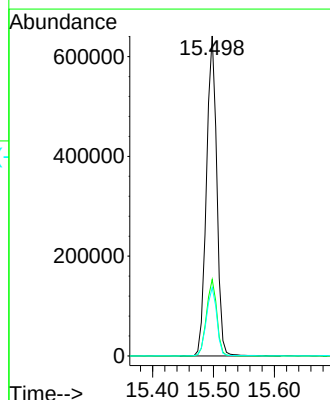
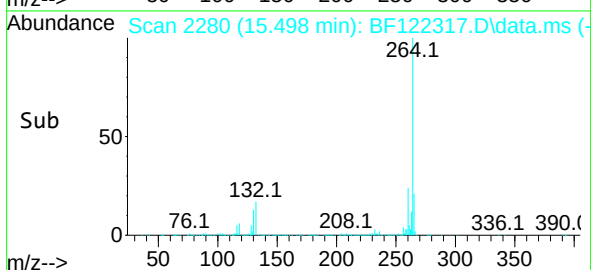
Tgt Ion:149 Resp: 2542281
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



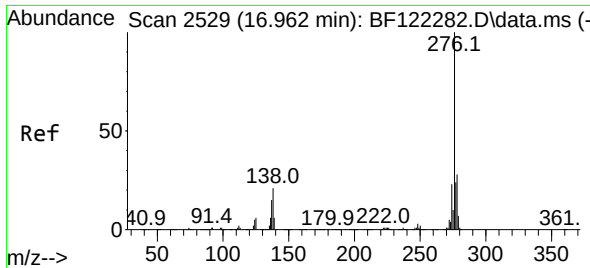
Tgt Ion:264 Resp: 755804
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD

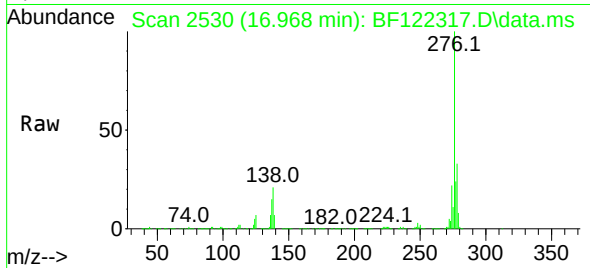
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#87
Indeno(1,2,3-cd)pyrene
Concen: 51.85 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

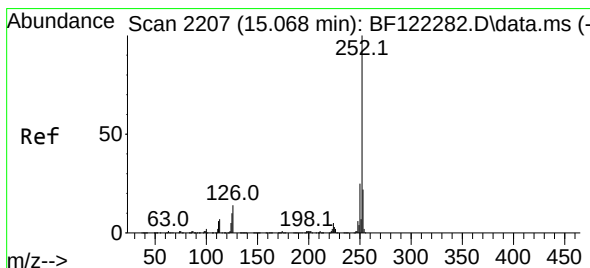
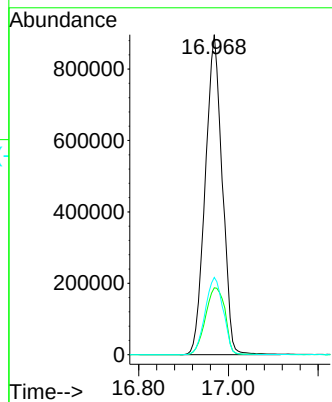
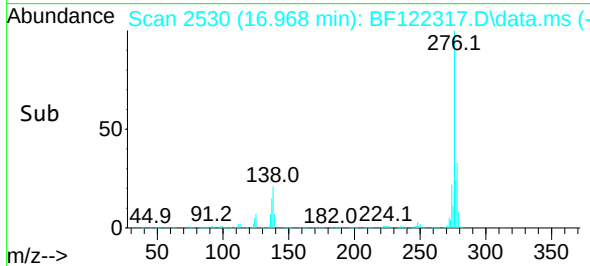
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



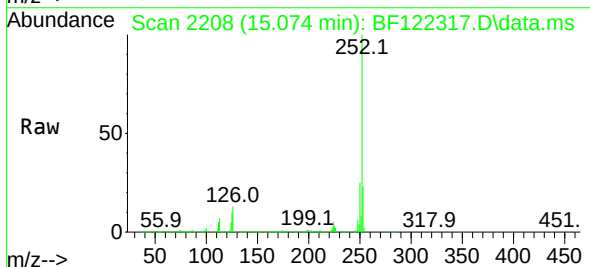
Tgt Ion:276 Resp: 2351391
Ion Ratio Lower Upper
276 100
138 24.2 19.9 29.9
277 25.7 20.4 30.6

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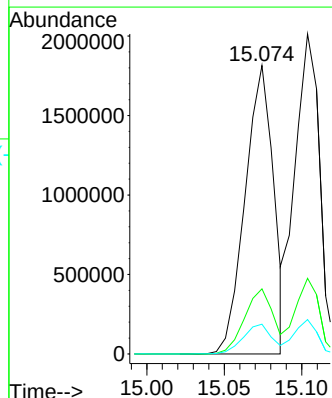
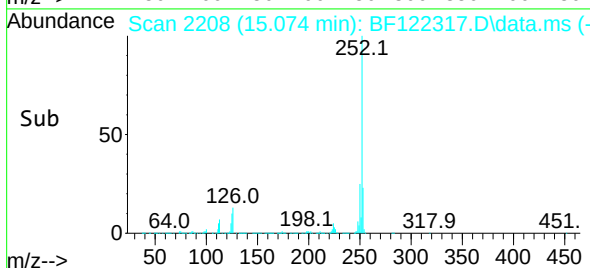
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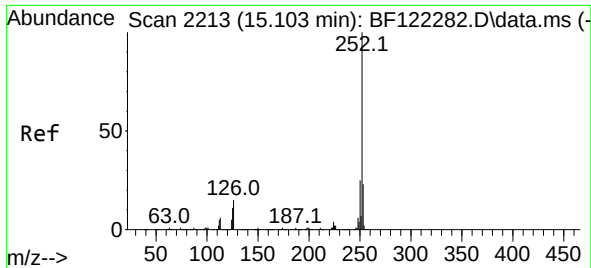


#88
Benzo(b)fluoranthene
Concen: 47.41 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



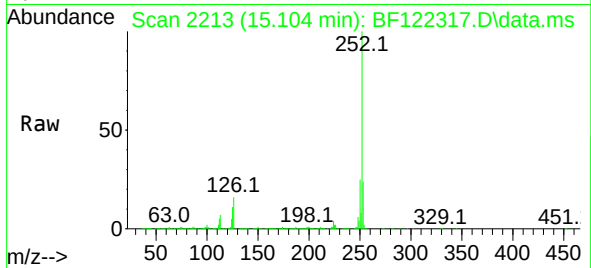
Tgt Ion:252 Resp: 2320828
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 46.54 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

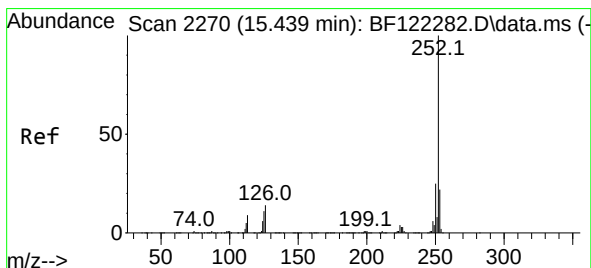
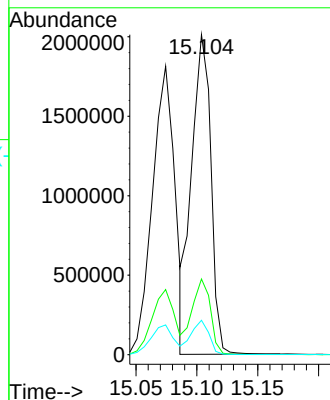
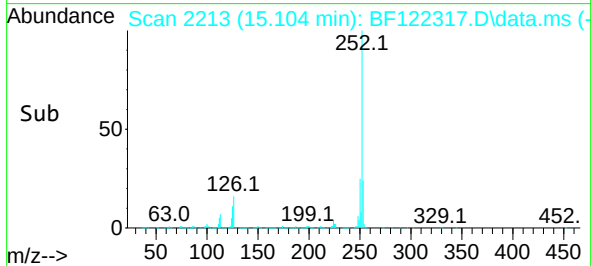
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



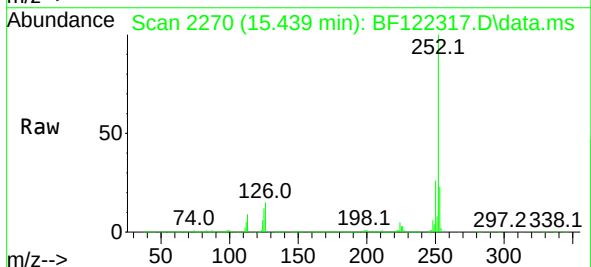
Tgt Ion:252 Resp: 2221161
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 10.7 7.7 11.5

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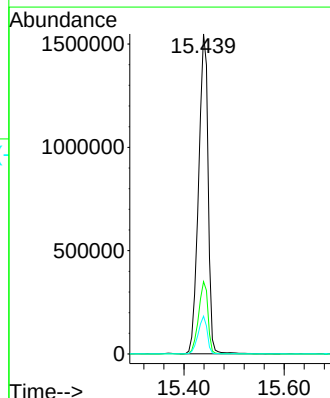
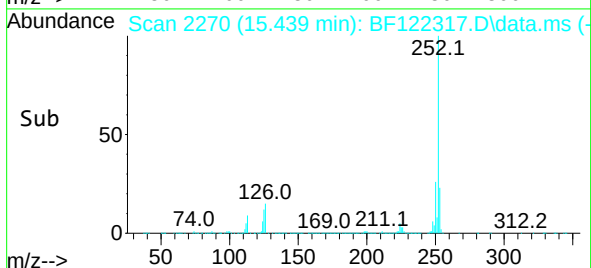
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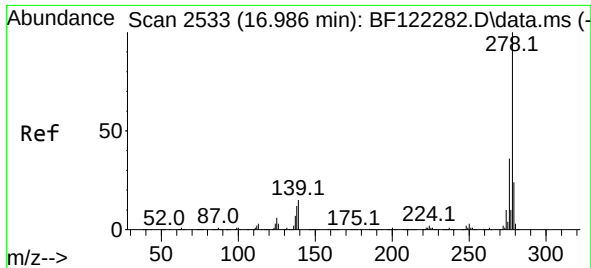


#90
Benzo(a)pyrene
Concen: 47.76 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



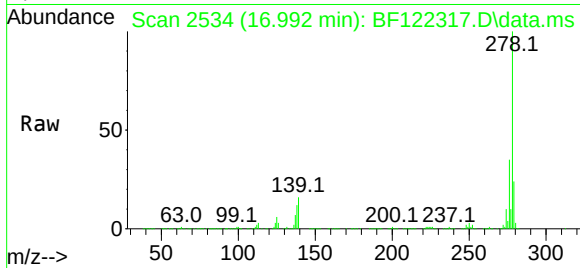
Tgt Ion:252 Resp: 2038265
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.69 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03

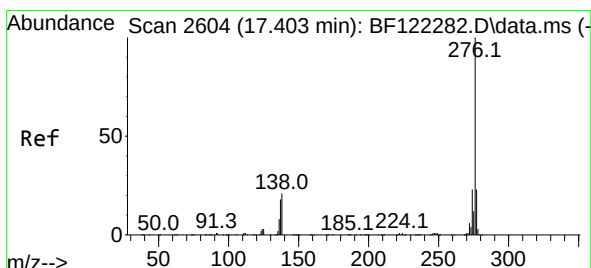
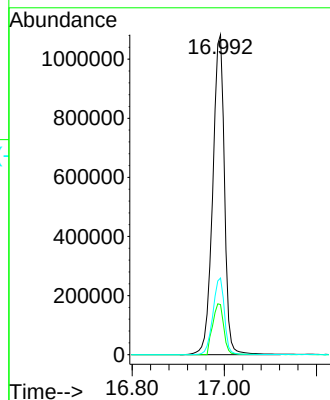
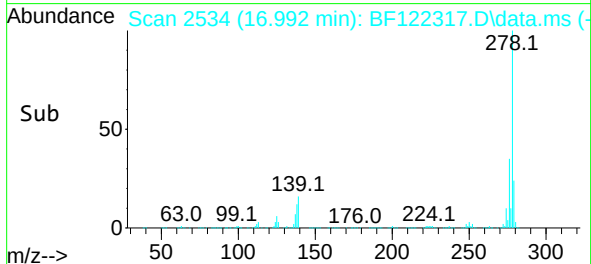
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MSD



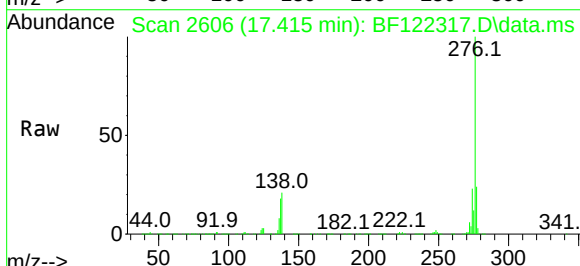
Tgt Ion:278 Resp: 1925361
Ion Ratio Lower Upper
278 100
139 15.7 13.0 19.4
279 23.9 19.0 28.4

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#92
Benzo(g,h,i)perylene
Concen: 53.56 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF122317.D
Acq: 12 Nov 2020 16:03



Tgt Ion:276 Resp: 1978631
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 21.3 17.8 26.6

