

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122663.D
 Acq On : 11 Dec 2020 15:06
 Operator : JU/CG
 Sample : L5033-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-48MSD

Quant Time: Dec 11 15:45:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	169760	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	650236	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	343825	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	639217	20.00	ng	0.00
76) Chrysene-d12	14.010	240	537756	20.00	ng	0.00
86) Perylene-d12	15.468	264	487847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	975832	91.00	ng	0.01
7) Phenol-d6	6.481	99	1248132	87.77	ng	0.00
23) Nitrobenzene-d5	7.404	82	776041	59.80	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	404866	89.96	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1473317	57.96	ng	0.00
79) Terphenyl-d14	12.951	244	1703397	55.45	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	187313	37.16	ng	99
3) Pyridine	3.410	79	526005	39.49	ng	99
4) n-Nitrosodimethylamine	3.369	42	226204	42.34	ng	99
6) Aniline	6.504	93	494958	29.57	ng	99
8) 2-Chlorophenol	6.628	128	539474	45.65	ng	96
9) Benzaldehyde	6.387	77	227481	26.43	ng	98
10) Phenol	6.492	94	749304	50.85	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	502139	44.60	ng	98
12) 1,3-Dichlorobenzene	6.781	146	571284	40.85	ng	98
13) 1,4-Dichlorobenzene	6.857	146	582976	41.34	ng	98
14) 1,2-Dichlorobenzene	7.010	146	559374	41.10	ng	99
15) Benzyl Alcohol	6.986	79	438200	44.75	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	627801	39.11	ng	96
17) 2-Methylphenol	7.098	107	436041	46.41	ng	99
18) Hexachloroethane	7.351	117	206853	41.16	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	344685	42.31	ng	97
20) 3+4-Methylphenols	7.251	107	509212	42.90	ng	92
22) Acetophenone	7.251	105	657194	40.65	ng	# 96
24) Nitrobenzene	7.428	77	547070	42.37	ng	97
25) Isophorone	7.663	82	965013	43.17	ng	100
26) 2-Nitrophenol	7.739	139	287845	45.71	ng	98
27) 2,4-Dimethylphenol	7.781	122	456838	49.50	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	620244	40.52	ng	99
29) 2,4-Dichlorophenol	7.986	162	458547	42.54	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	482630	39.52	ng	99
31) Naphthalene	8.151	128	1489194	41.50	ng	100
32) Benzoic acid	7.863	122	38825m	5.28	ng	
33) 4-Chloroaniline	8.192	127	288074	19.20	ng	99
34) Hexachlorobutadiene	8.263	225	284174	37.81	ng	99
35) Caprolactam	8.575	113	135933m	41.87	ng	
36) 4-Chloro-3-methylphenol	8.686	107	471999	44.46	ng	99
37) 2-Methylnaphthalene	8.839	142	1001983	42.21	ng	99
38) 1-Methylnaphthalene	8.939	142	921137	41.02	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	467466	41.05	ng	99
41) Hexachlorocyclopentadiene	8.992	237	476108	94.56	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	321170	40.84	ng	97

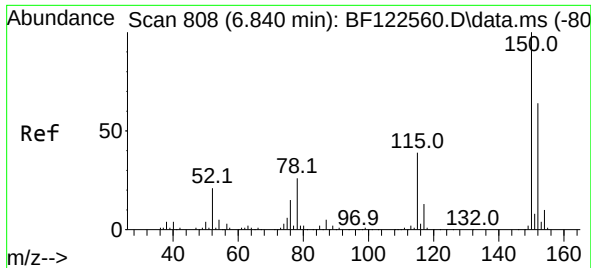
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	346472	42.62	ng	97
46) 1,1'-Biphenyl	9.304	154	1181335	41.40	ng	99
47) 2-Chloronaphthalene	9.328	162	952096	40.27	ng	99
48) 2-Nitroaniline	9.428	65	283115	41.07	ng	96
49) Acenaphthylene	9.745	152	1471163	42.13	ng	100
50) Dimethylphthalate	9.604	163	1198640	43.65	ng	99
51) 2,6-Dinitrotoluene	9.669	165	261844	45.15	ng	98
52) Acenaphthene	9.916	154	860802	38.10	ng	99
53) 3-Nitroaniline	9.833	138	188011	28.06	ng	94
54) 2,4-Dinitrophenol	9.945	184	85633	30.20	ng	92
55) Dibenzofuran	10.086	168	1331278	41.89	ng	99
56) 4-Nitrophenol	10.004	139	389841	81.59	ng	91
57) 2,4-Dinitrotoluene	10.075	165	344607	44.61	ng	94
58) Fluorene	10.433	166	1018035	40.27	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	283091	39.63	ng	99
60) Diethylphthalate	10.304	149	1089473	40.79	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	489155	39.30	ng	98
62) 4-Nitroaniline	10.451	138	279299	41.06	ng	97
63) Azobenzene	10.580	77	1026249	41.80	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	117461	30.14	ng	97
66) n-Nitrosodiphenylamine	10.539	169	942480	41.73	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	343930	39.71	ng	96
68) Hexachlorobenzene	10.980	284	382443	39.94	ng	97
69) Atrazine	11.069	200	274051	37.36	ng	99
70) Pentachlorophenol	11.174	266	309373	60.98	ng	99
71) Phenanthrene	11.392	178	1573524	41.42	ng	100
72) Anthracene	11.445	178	1626804	43.19	ng	100
73) Carbazole	11.598	167	1476654	43.22	ng	99
74) Di-n-butylphthalate	11.927	149	1654897	38.55	ng	100
75) Fluoranthene	12.580	202	1683575	42.26	ng	99
77) Benzidine	12.698	184	556315	47.83	ng	99
78) Pyrene	12.810	202	1699083	40.87	ng	100
80) Butylbenzylphthalate	13.427	149	717347	38.30	ng	98
81) Benzo(a)anthracene	13.998	228	1510137	42.02	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	353325	27.45	ng	98
83) Chrysene	14.039	228	1504606	42.07	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	947384	36.94	ng	# 98
85) Di-n-octyl phthalate	14.598	149	1586461	37.29	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1272659	39.74	ng	100
88) Benzo(b)fluoranthene	15.051	252	1509940	44.11	ng	98
89) Benzo(k)fluoranthene	15.080	252	1324683	42.33	ng	99
90) Benzo(a)pyrene	15.409	252	1236206	41.28	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1048061	39.99	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1055426	41.61	ng	99

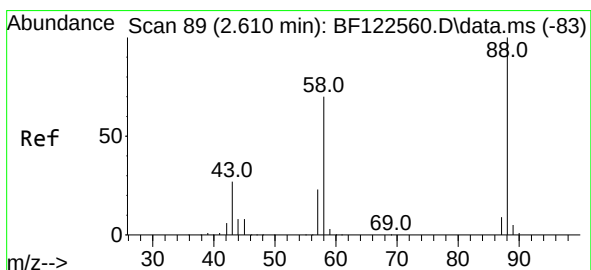
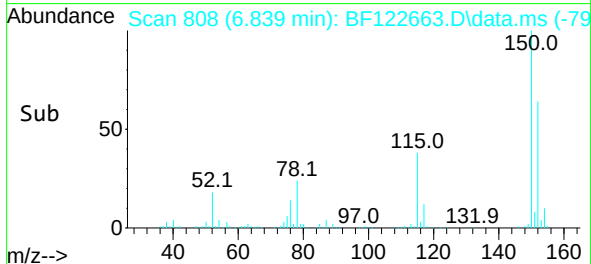
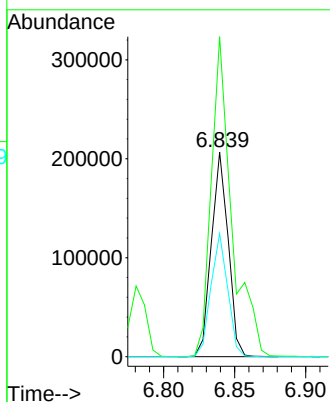
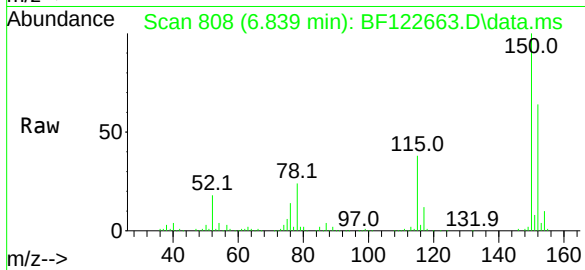
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

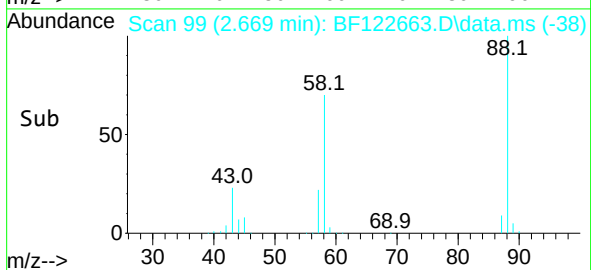
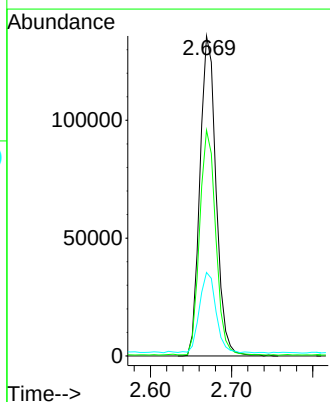
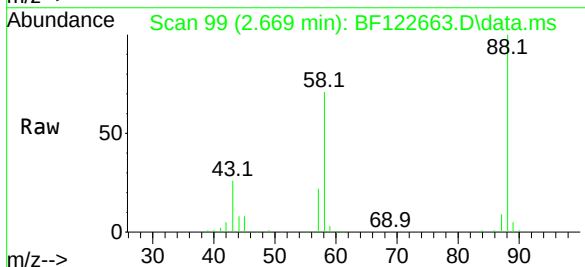
Instrument :
BNA_F
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CS-48MSD

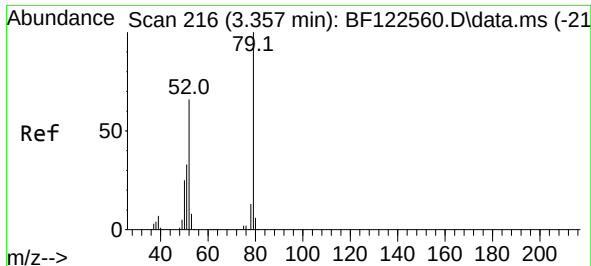
Tgt Ion:152 Resp: 169760
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 60.2 49.3 73.9



#2
1,4-Dioxane
Concen: 37.16 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.059 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 88 Resp: 187313
Ion Ratio Lower Upper
88 100
58 70.3 56.2 84.2
43 25.3 21.8 32.6

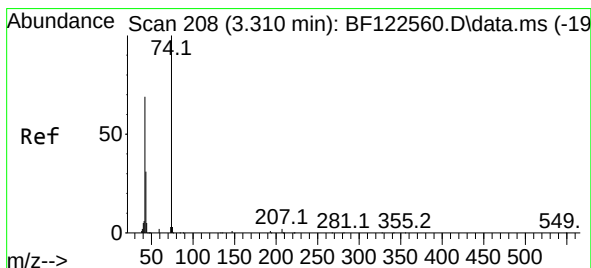
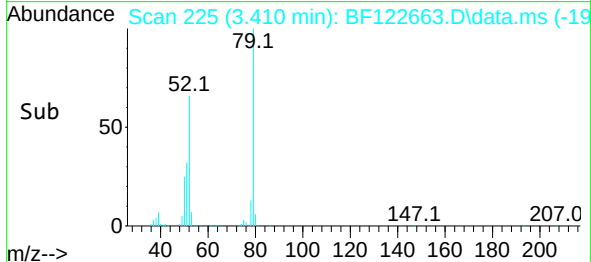
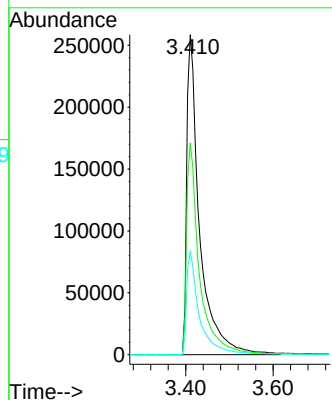
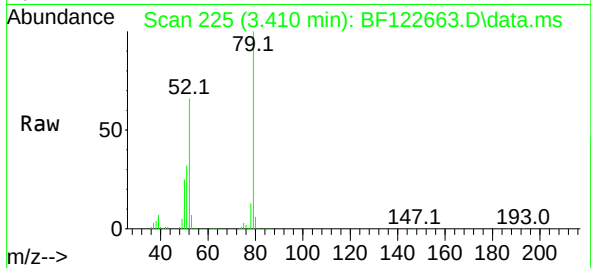




#3
Pyridine
Concen: 39.49 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.053 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

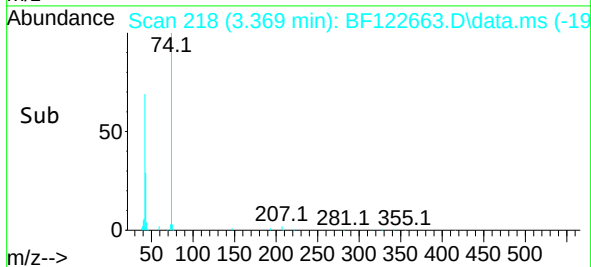
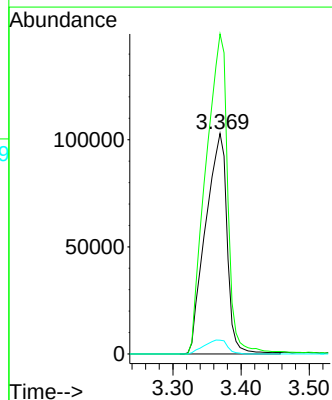
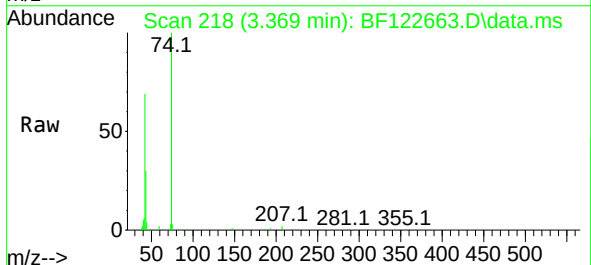
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ClientSampleId :
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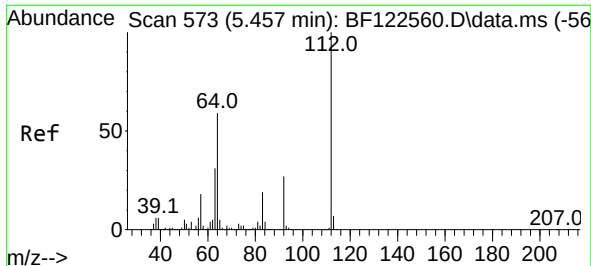
Tgt Ion: 79 Resp: 526005
Ion Ratio Lower Upper
79 100
52 66.2 53.0 79.4
51 32.1 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 42.34 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.059 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 42 Resp: 226204
Ion Ratio Lower Upper
42 100
74 145.1 115.2 172.8
44 6.3 5.4 8.0

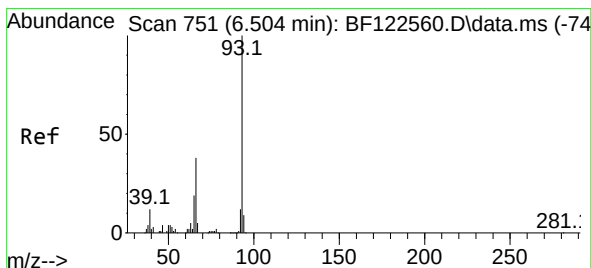
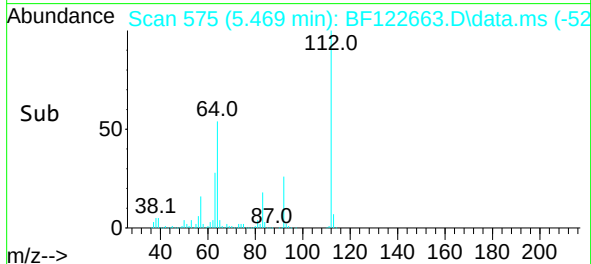
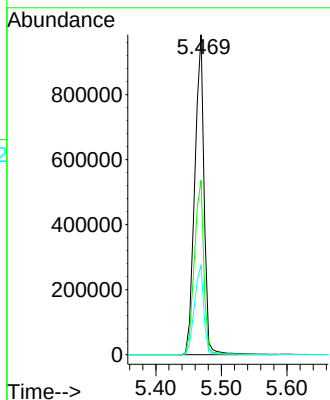
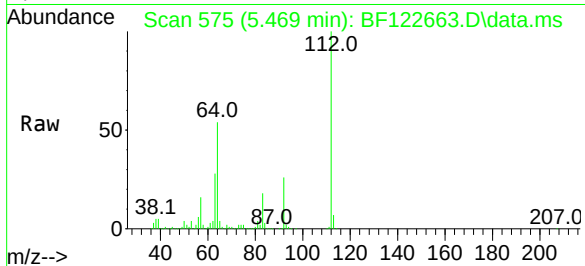




#5
2-Fluorophenol
Concen: 91.00 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

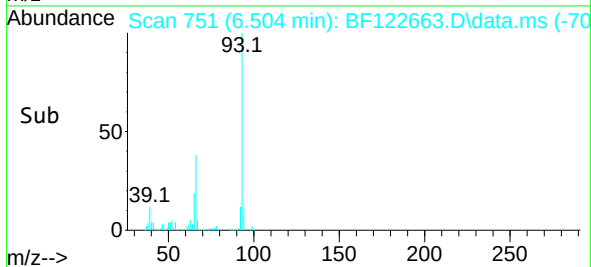
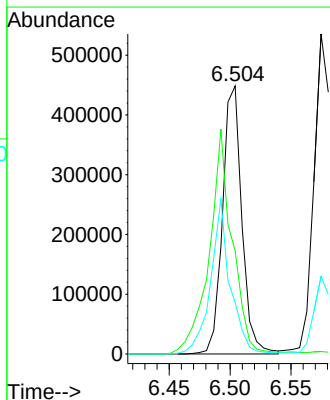
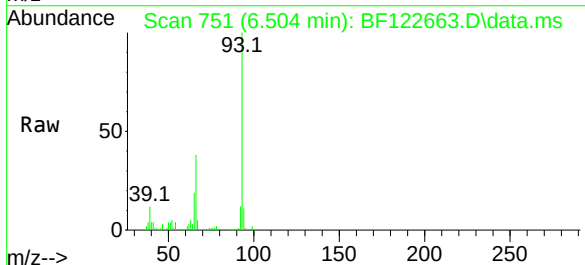
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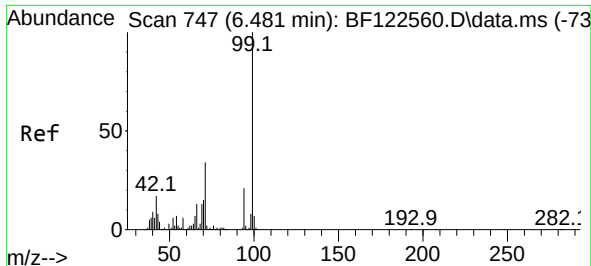
Tgt Ion:112 Resp: 975832
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 27.9 24.5 36.7



#6
Aniline
Concen: 29.57 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 93 Resp: 494958
Ion Ratio Lower Upper
93 100
66 38.5 31.3 46.9
65 19.2 15.6 23.4

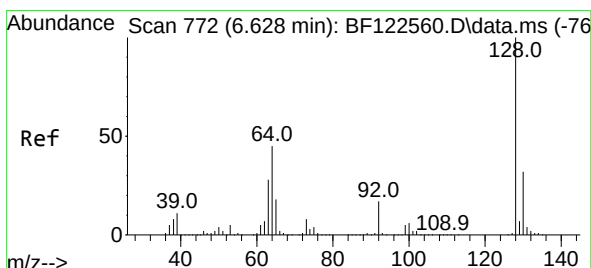
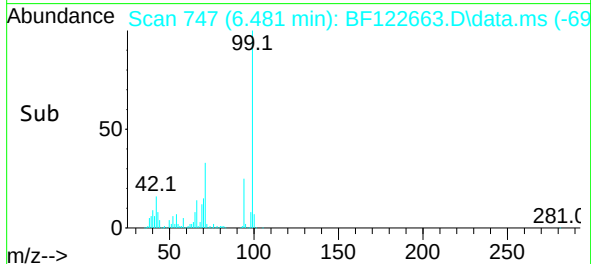
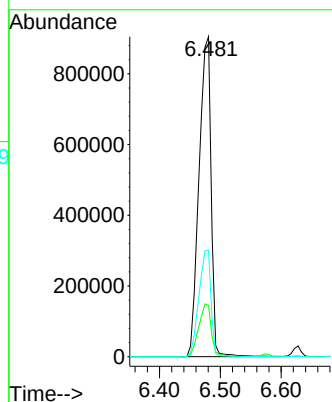
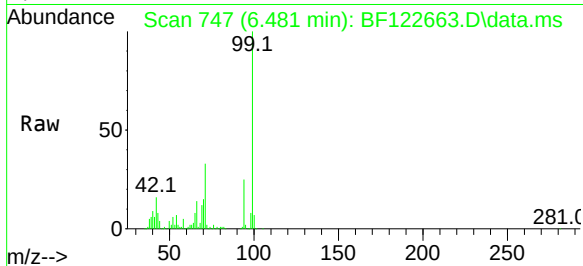




#7
Phenol-d6
Concen: 87.77 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

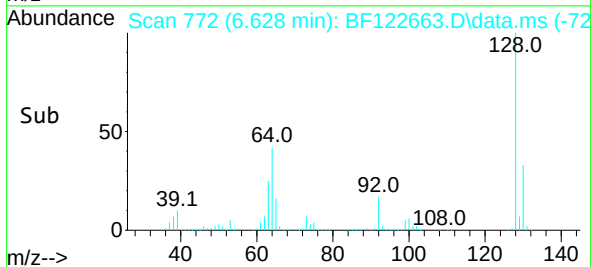
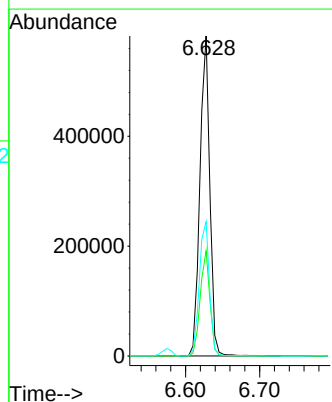
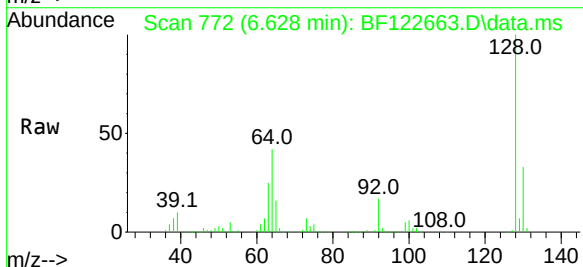
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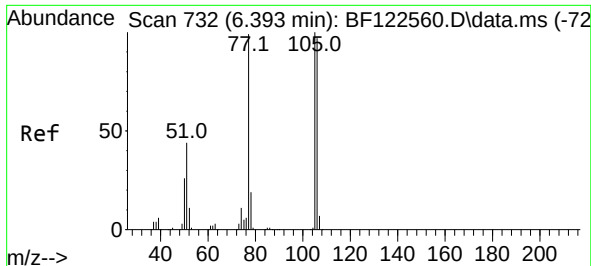
Tgt Ion: 99 Resp: 1248132
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.6
71 33.3 26.9 40.3



#8
2-Chlorophenol
Concen: 45.65 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 128 Resp: 539474
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 42.0 25.5 65.5

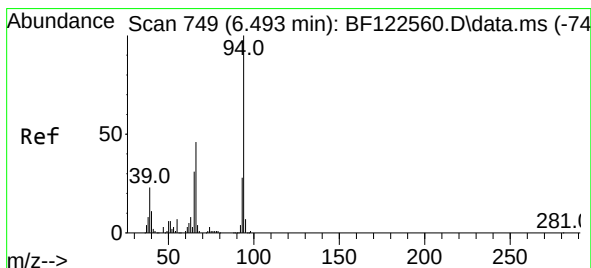
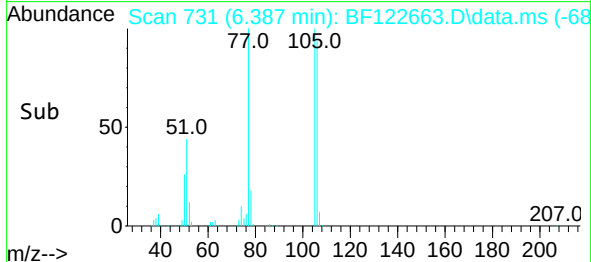
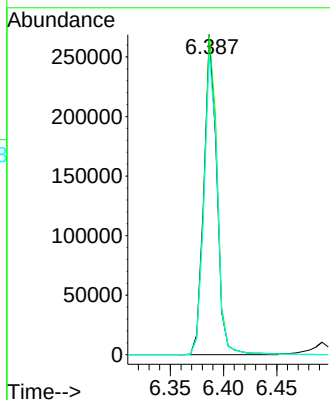
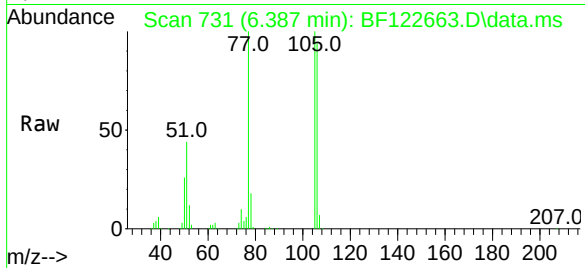




#9
Benzaldehyde
Concen: 26.43 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

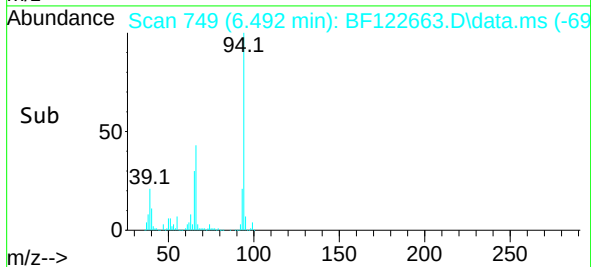
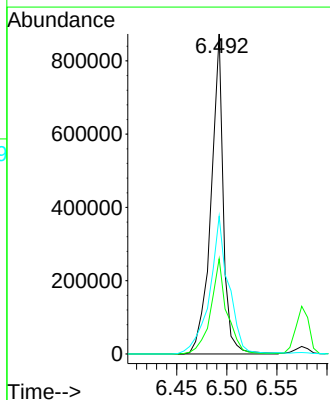
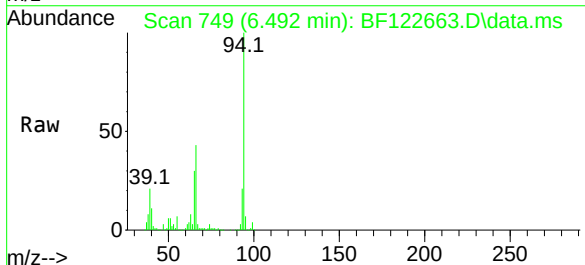
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

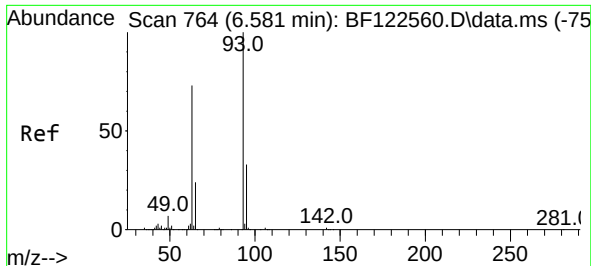
Tgt Ion: 77 Resp: 227481
Ion Ratio Lower Upper
77 100
105 99.7 80.6 120.6
106 93.9 77.2 117.2



#10
Phenol
Concen: 50.85 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 94 Resp: 749304
Ion Ratio Lower Upper
94 100
65 29.8 11.2 51.2
66 43.1 25.8 65.8

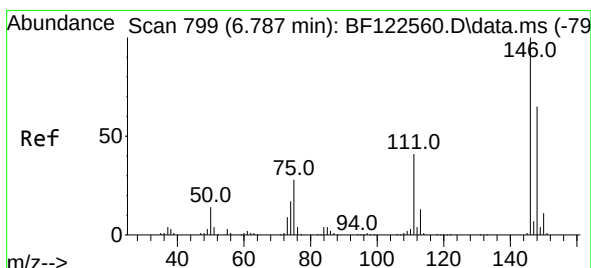
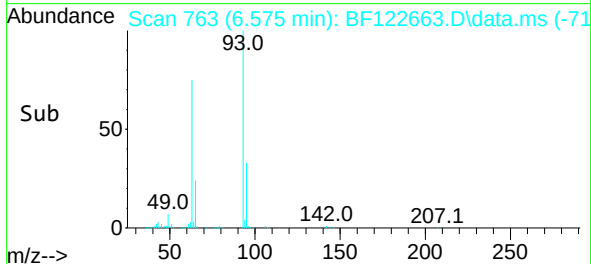
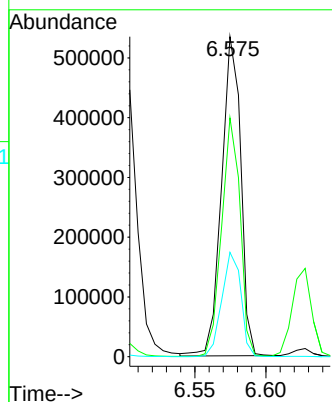
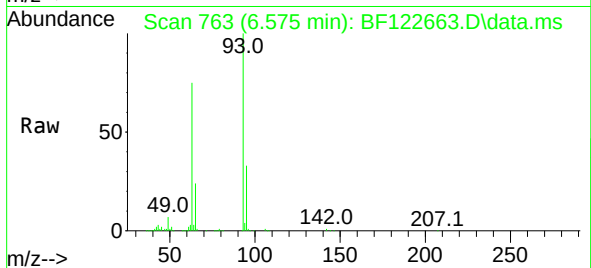




#11
bis(2-Chloroethyl)ether
Concen: 44.60 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

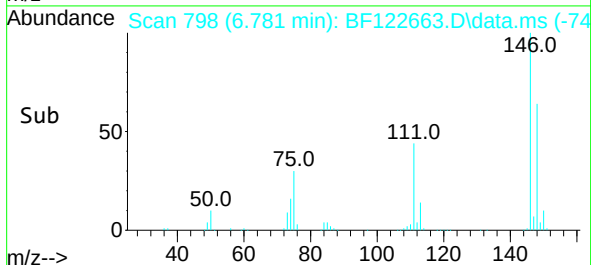
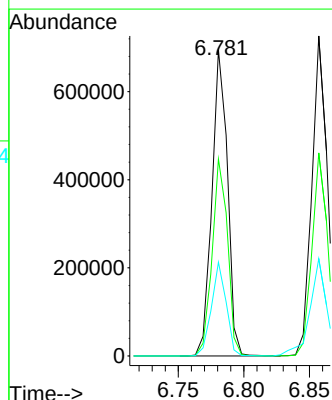
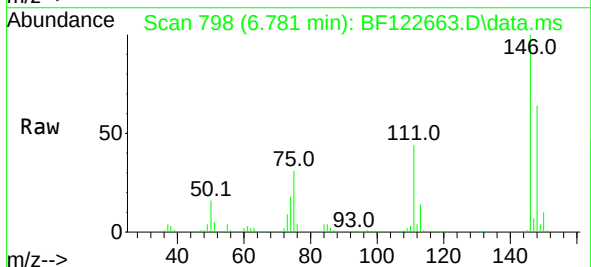
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

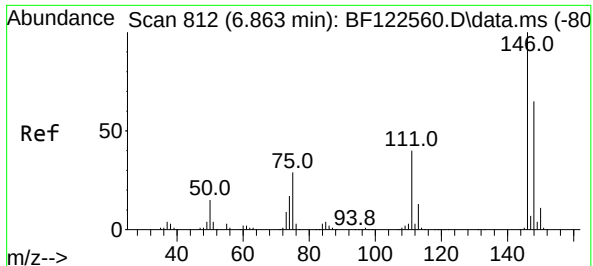
Tgt Ion: 93 Resp: 502139
Ion Ratio Lower Upper
93 100
63 74.6 52.6 92.6
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.85 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 146 Resp: 571284
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 30.6 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.34 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

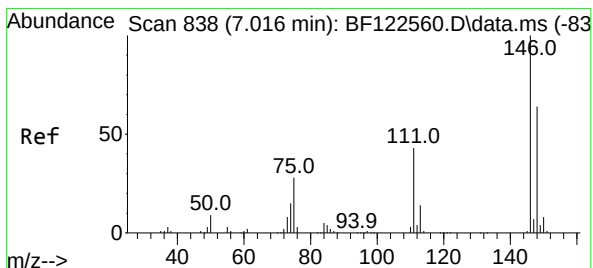
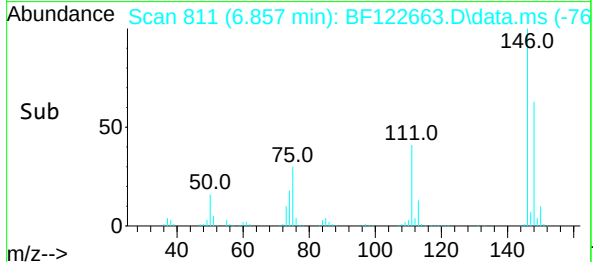
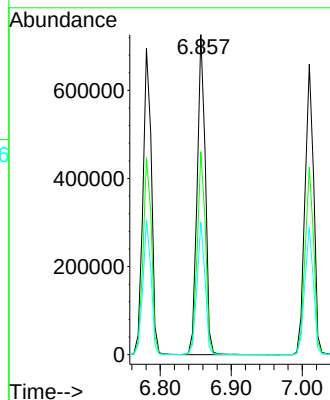
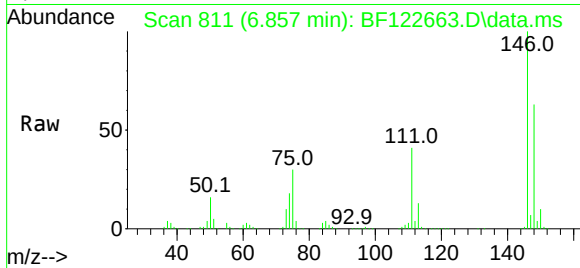
Tgt Ion:146 Resp: 582976

Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

111 41.5 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 41.10 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

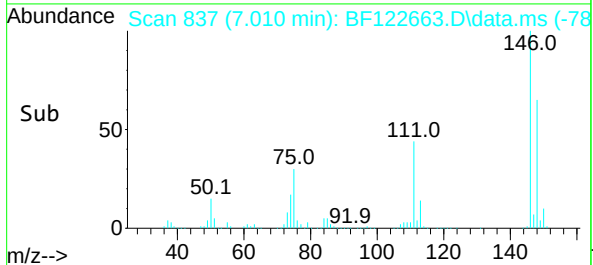
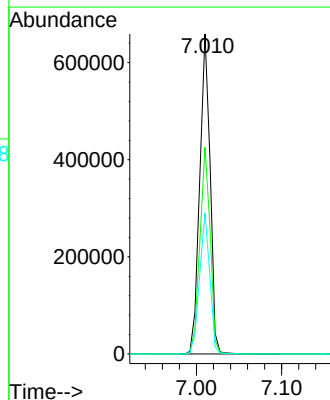
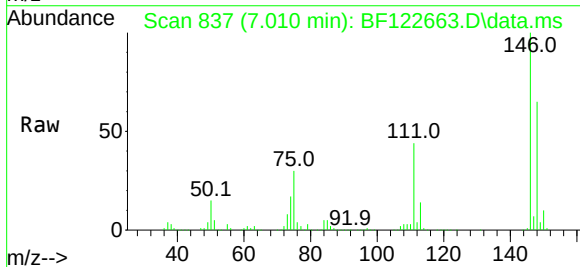
Tgt Ion:146 Resp: 559374

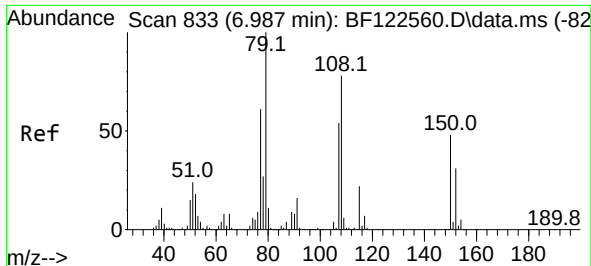
Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

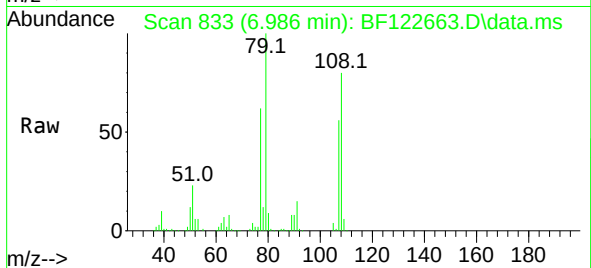
111 44.1 34.2 51.2



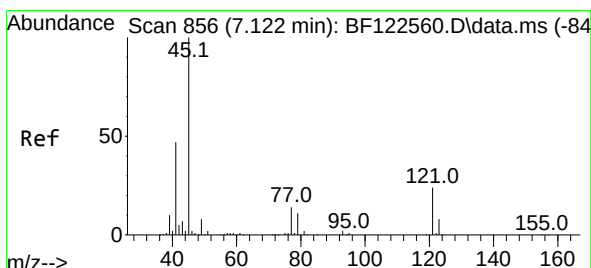
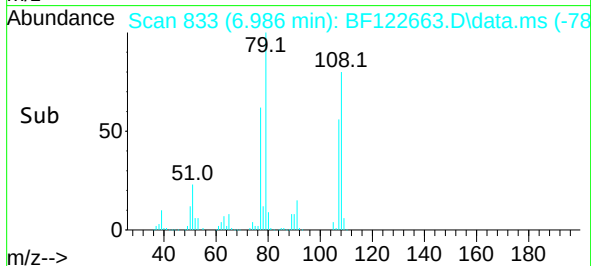
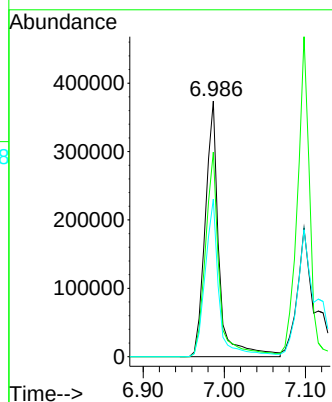


#15
Benzyl Alcohol
Concen: 44.75 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Instrument :
BNA_F
ClientSampleId :
CS-48MSD

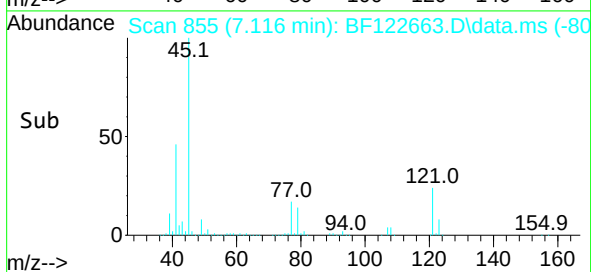
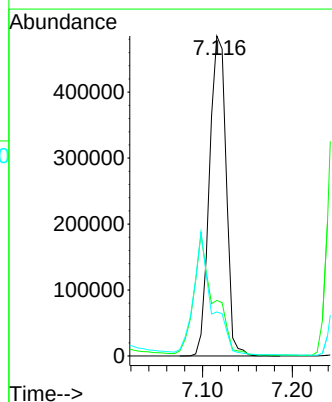
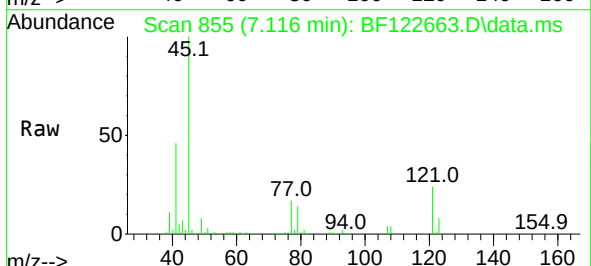


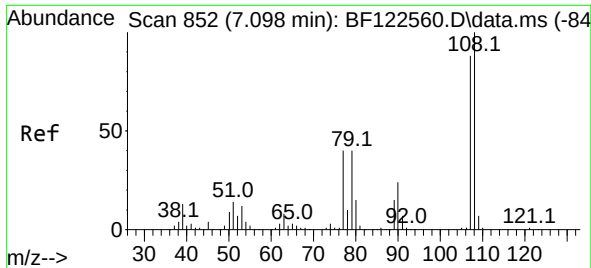
Tgt Ion: 79 Resp: 438200
Ion Ratio Lower Upper
79 100
108 80.0 62.4 93.6
77 61.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.11 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 45 Resp: 627801
Ion Ratio Lower Upper
45 100
77 17.4 0.0 35.6
79 13.7 0.0 32.4

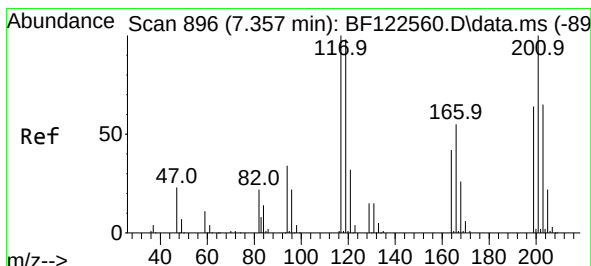
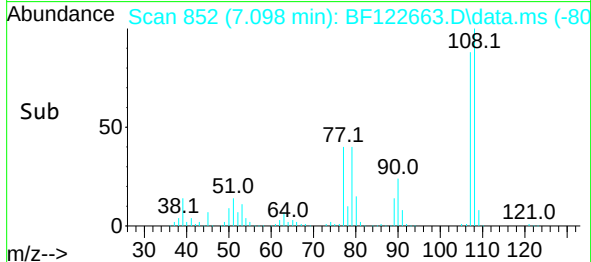
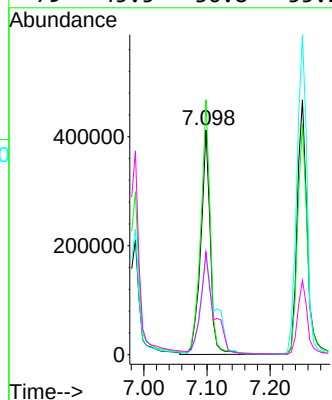
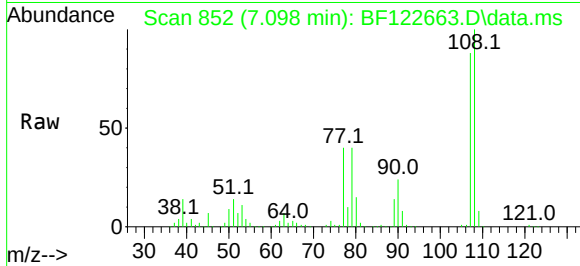




#17
2-Methylphenol
Concen: 46.41 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

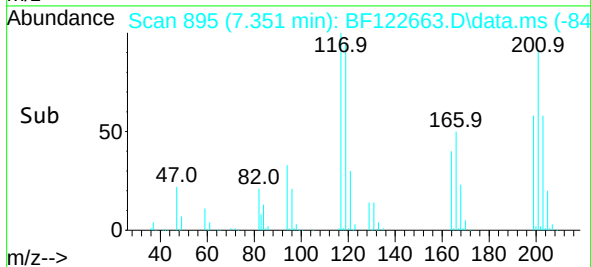
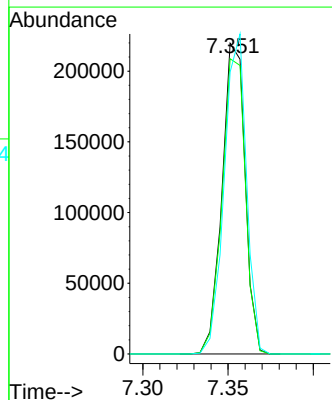
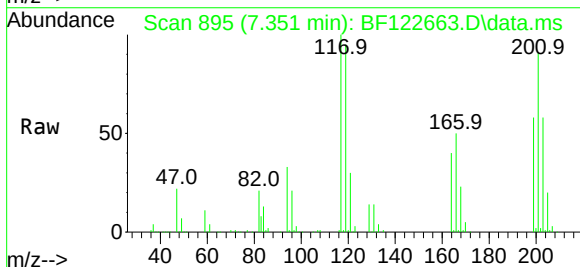
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

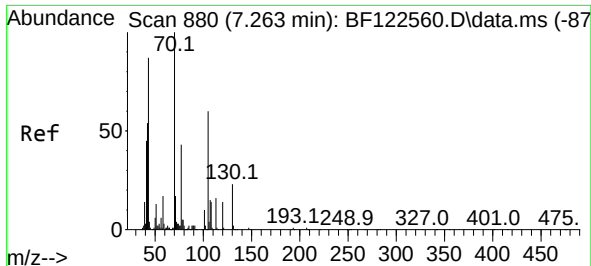
Tgt Ion:107	Resp: 436041
Ion Ratio	Lower Upper
107 100	
108 113.5	91.1 136.7
77 45.0	36.3 54.5
79 45.5	36.8 55.2



#18
Hexachloroethane
Concen: 41.16 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:117	Resp: 206853
Ion Ratio	Lower Upper
117 100	
119 95.0	78.4 117.6
201 90.7	79.6 119.4

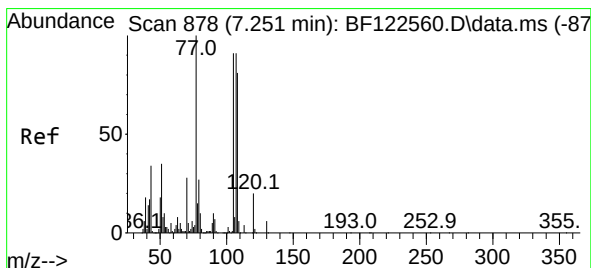
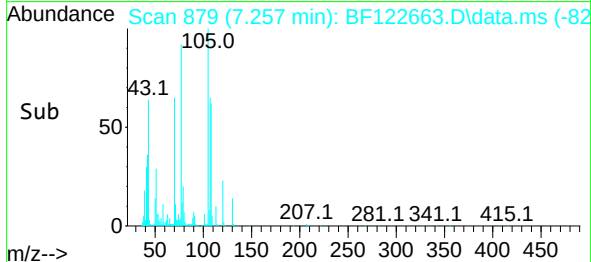
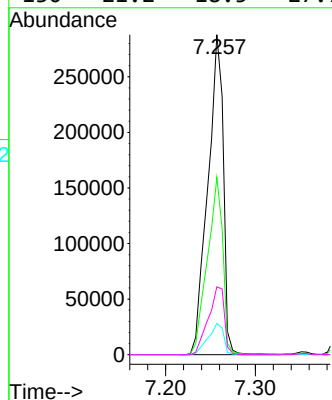
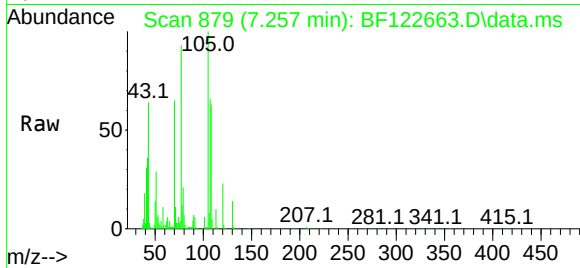




#19
n-Nitroso-di-n-propylamine
Concen: 42.31 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

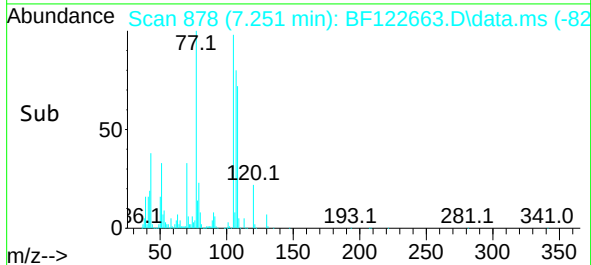
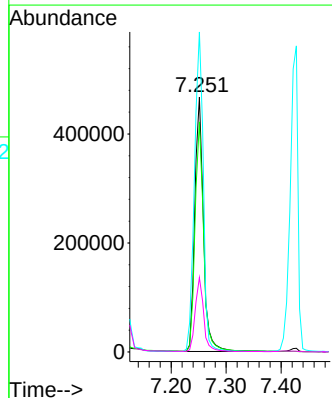
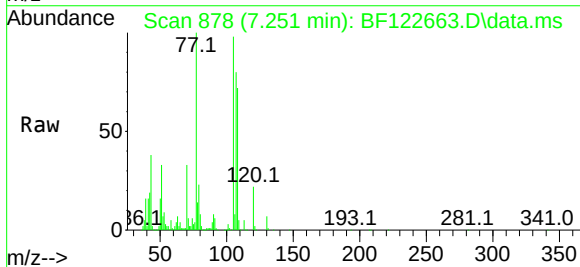
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

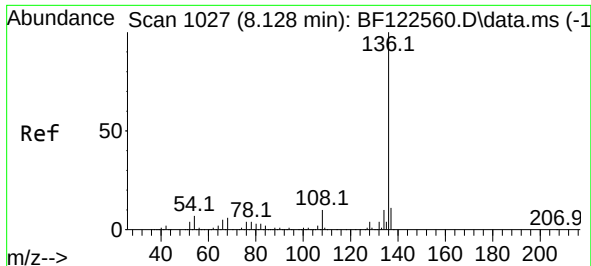
Tgt Ion:	70	Resp:	344685
Ion	Ratio	Lower	Upper
70	100		
42	55.4	43.0	64.4
101	9.8	7.9	11.9
130	21.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.90 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

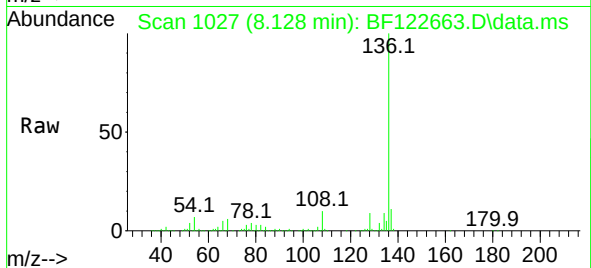
Tgt Ion:	107	Resp:	509212
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.7	108.7
77	125.5	89.8	129.8
79	29.2	9.8	49.8



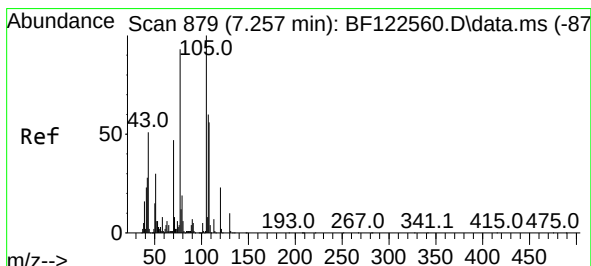
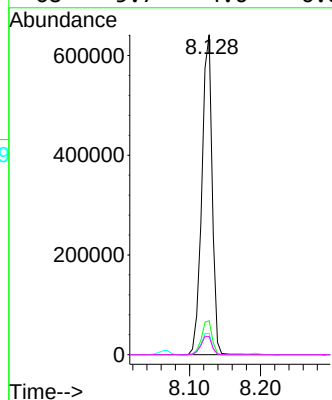
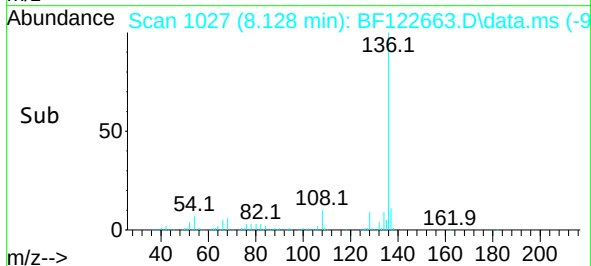


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

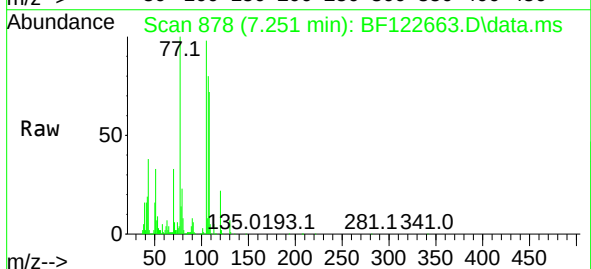
Instrument :
BNA_F
ClientSampleId :
CS-48MSD



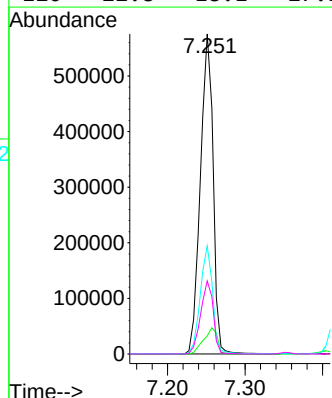
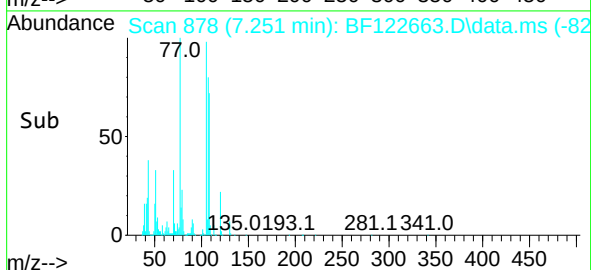
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.5	8.3
68	5.7	4.6	6.8

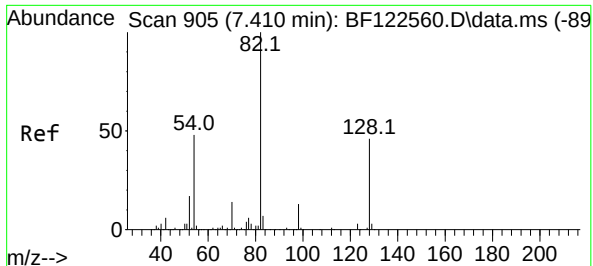


#22
Acetophenone
Concen: 40.65 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06



Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.5	9.7#
51	33.8	24.3	36.5
120	22.8	18.1	27.1





#23

Nitrobenzene-d5

Concen: 59.80 ng

RT: 7.404 min Scan# 904

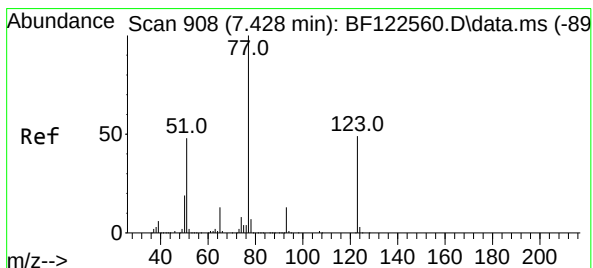
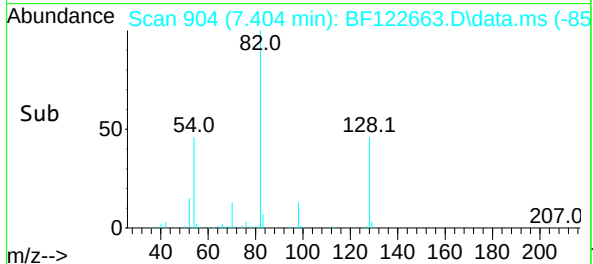
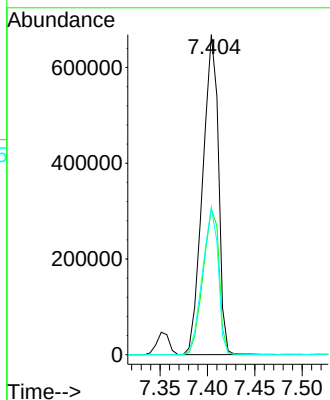
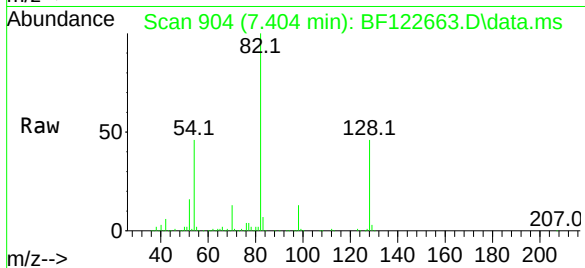
Delta R.T. -0.006 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion: 82 Resp: 776041

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	46.1	38.4	57.6



#24

Nitrobenzene

Concen: 42.37 ng

RT: 7.428 min Scan# 908

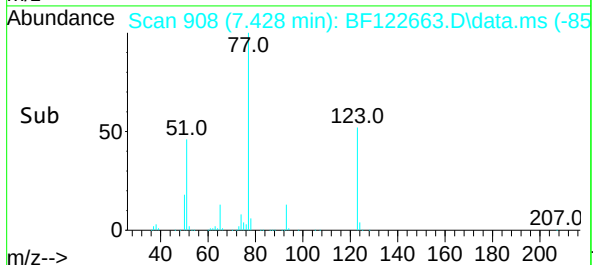
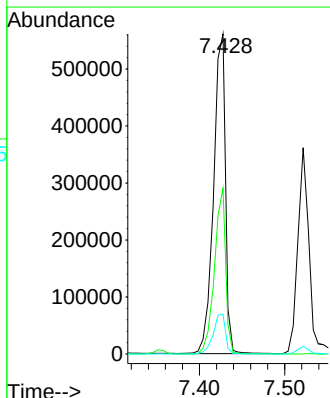
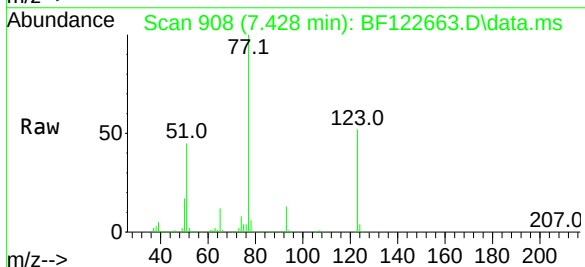
Delta R.T. -0.000 min

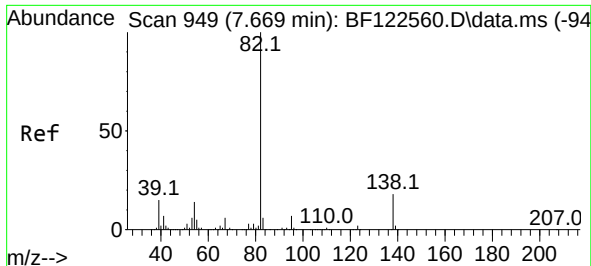
Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion: 77 Resp: 547070

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.3	58.9
65	12.4	10.6	15.8

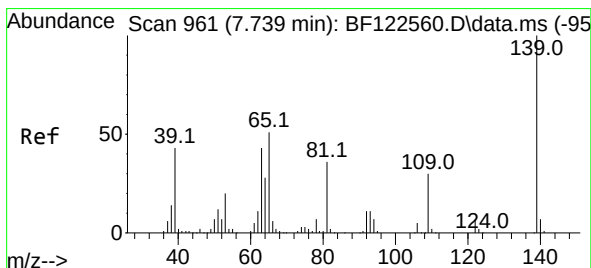
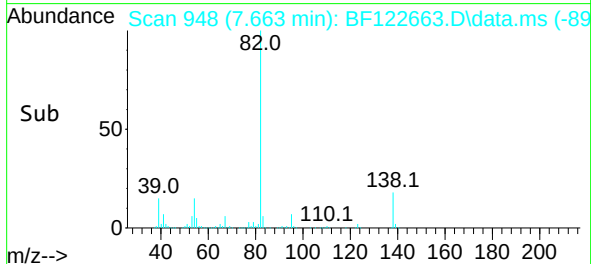
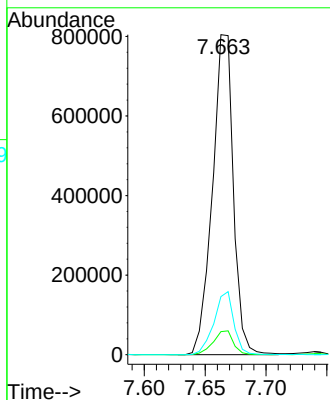
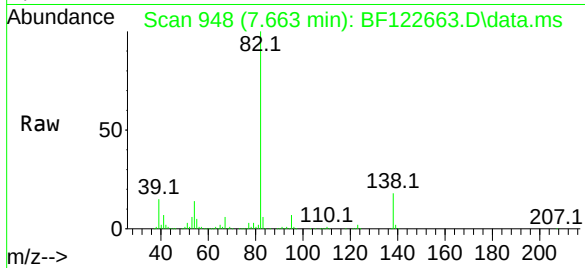




#25
Isophorone
Concen: 43.17 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

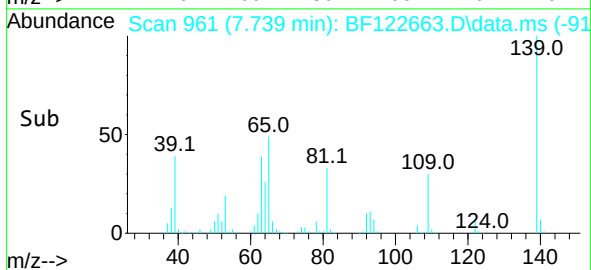
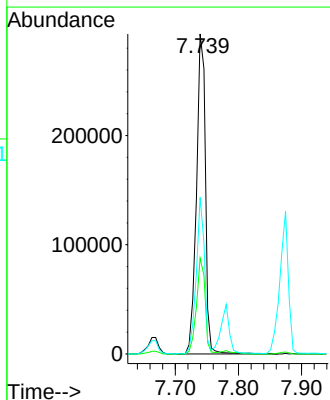
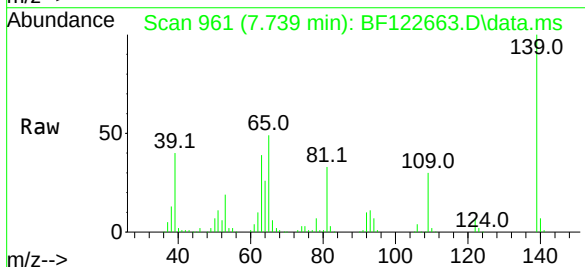
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

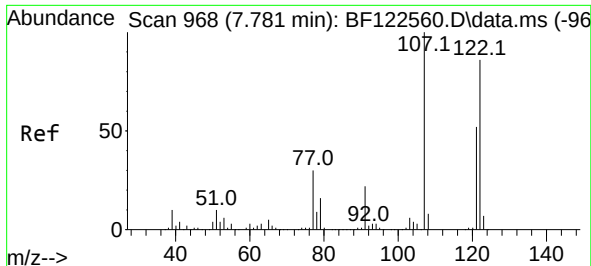
Tgt Ion: 82 Resp: 965013
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 45.71 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 139 Resp: 287845
Ion Ratio Lower Upper
139 100
109 30.0 24.0 36.0
65 49.0 40.9 61.3

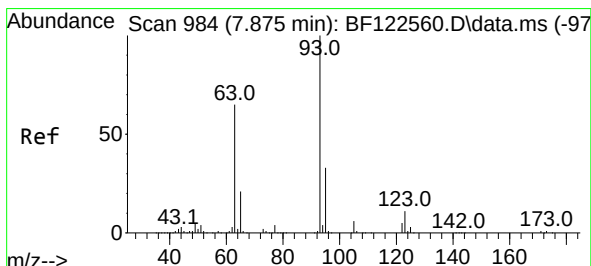
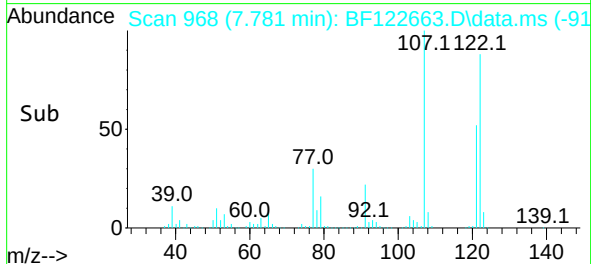
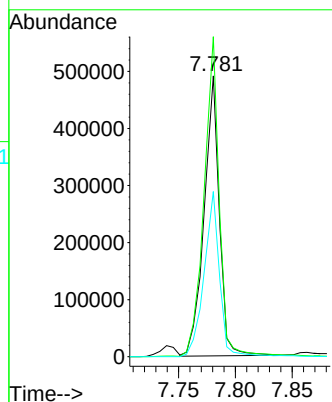
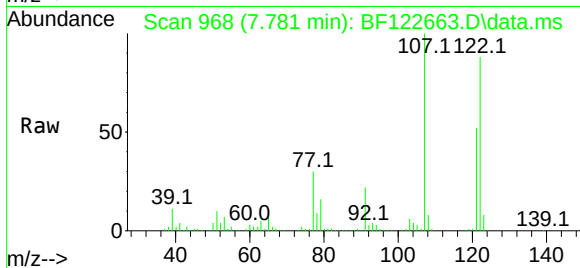




#27
2,4-Dimethylphenol
Concen: 49.50 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

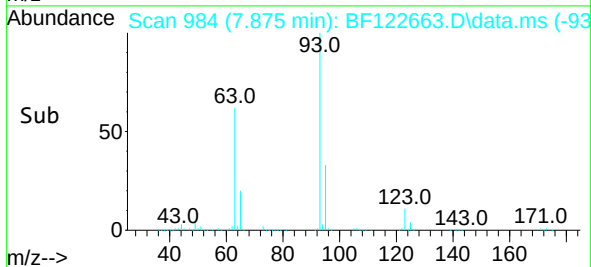
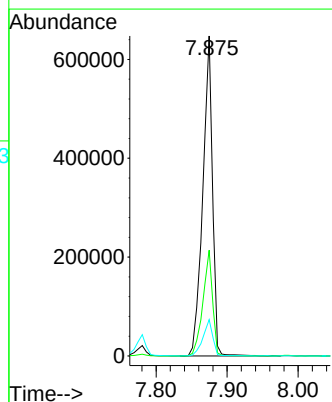
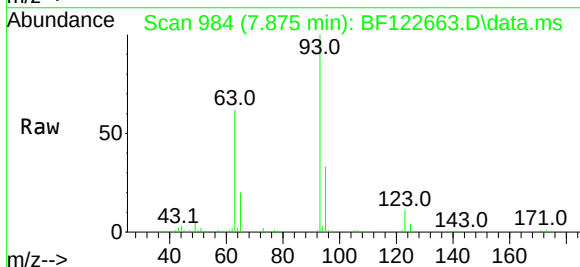
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

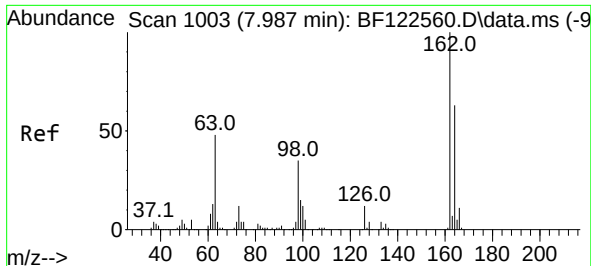
Tgt Ion:122 Resp: 456838
Ion Ratio Lower Upper
122 100
107 113.9 91.8 137.8
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.52 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 93 Resp: 620244
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 11.4 9.2 13.8

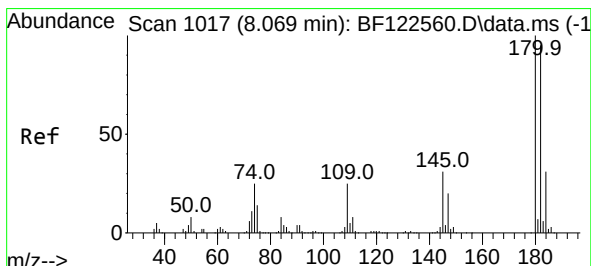
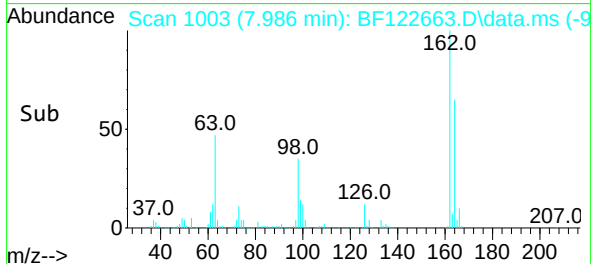
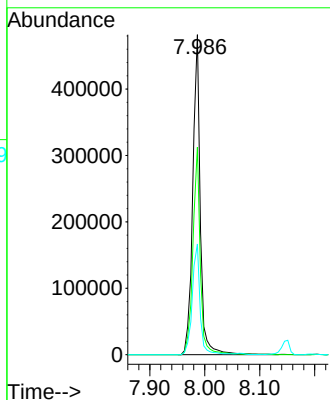
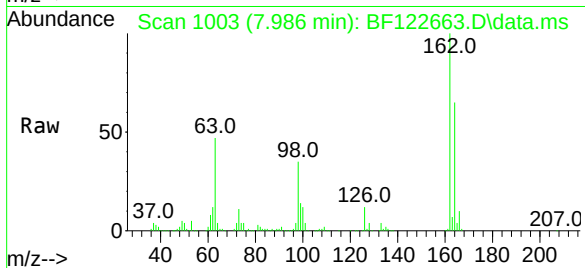




#29
2,4-Dichlorophenol
Concen: 42.54 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

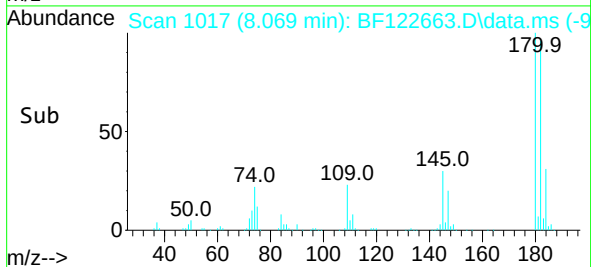
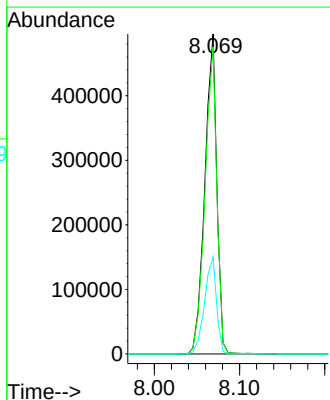
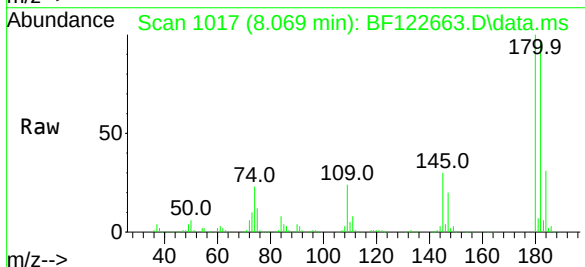
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

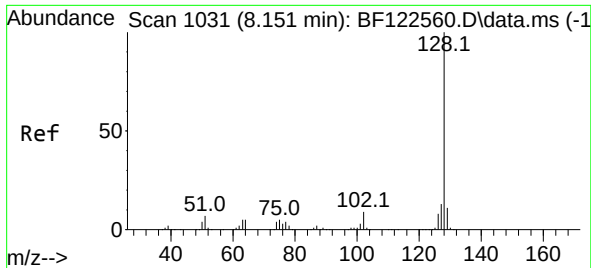
Tgt Ion:162 Resp: 458547
Ion Ratio Lower Upper
162 100
164 64.9 43.2 83.2
98 34.6 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 39.52 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:180 Resp: 482630
Ion Ratio Lower Upper
180 100
182 95.9 75.7 113.5
145 30.3 25.0 37.4

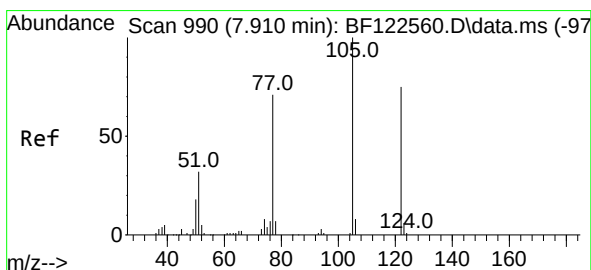
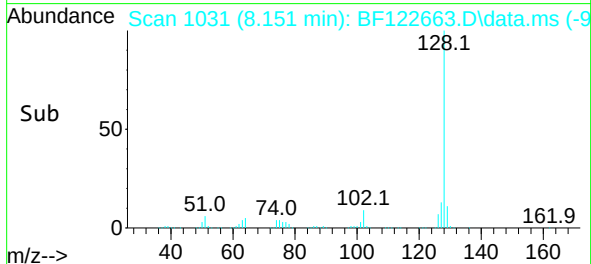
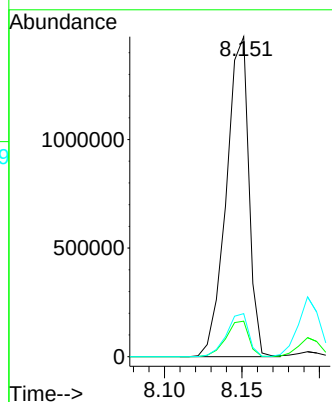
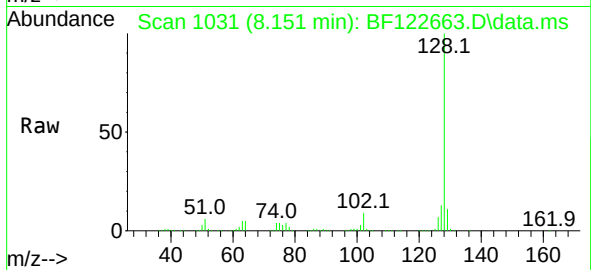




#31
Naphthalene
Concen: 41.50 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

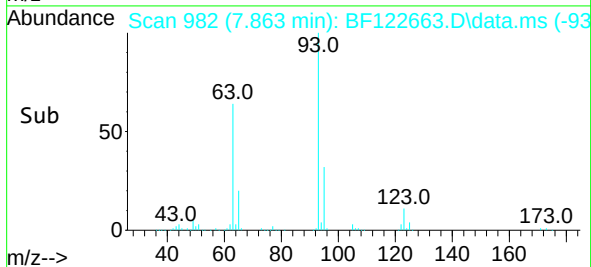
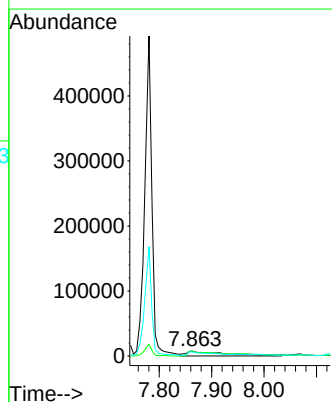
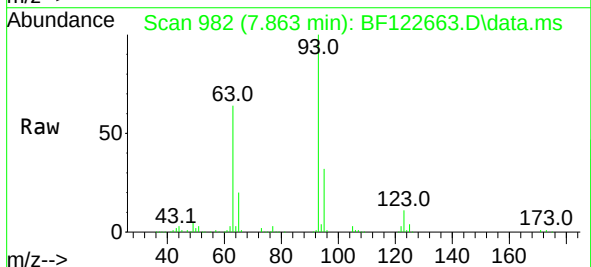
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

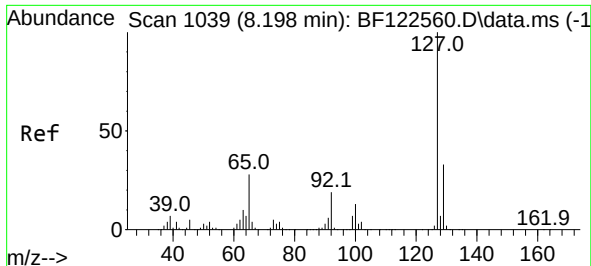
Tgt Ion:128 Resp: 1489194
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 5.28 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.047 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:122 Resp: 38825
Ion Ratio Lower Upper
122 100
105 95.6 104.8 144.8#
77 81.0 71.0 111.0

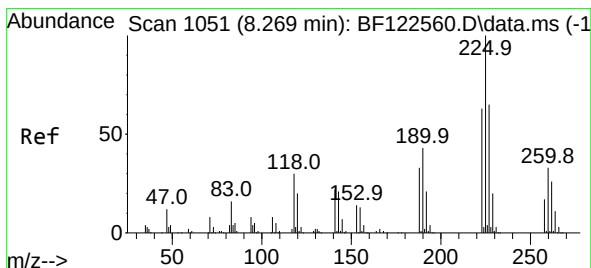
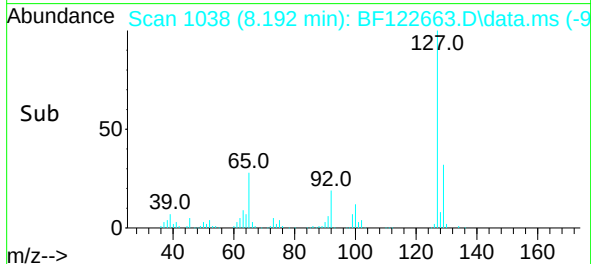
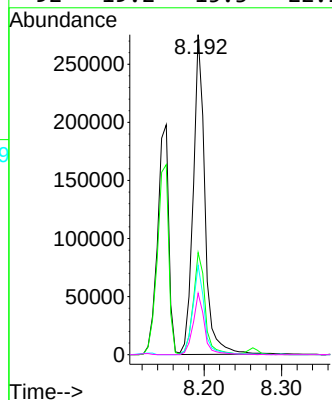
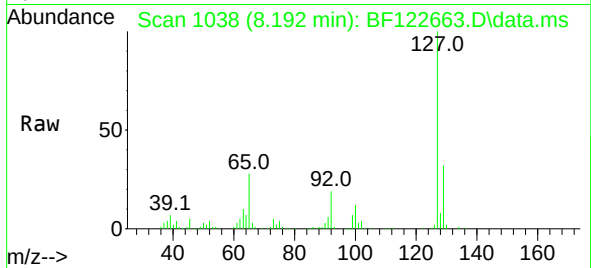




#33
4-Chloroaniline
Concen: 19.20 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

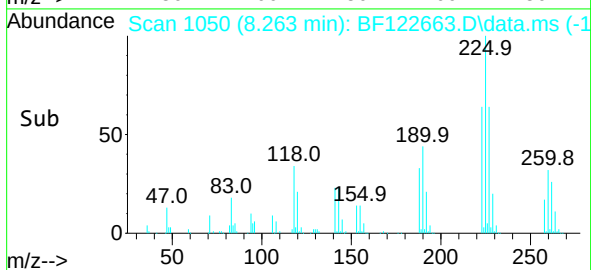
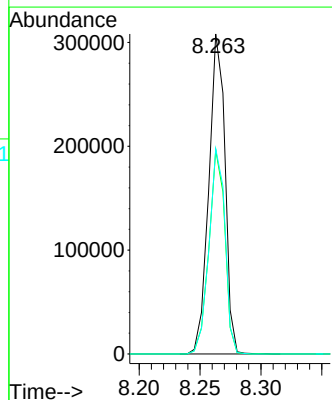
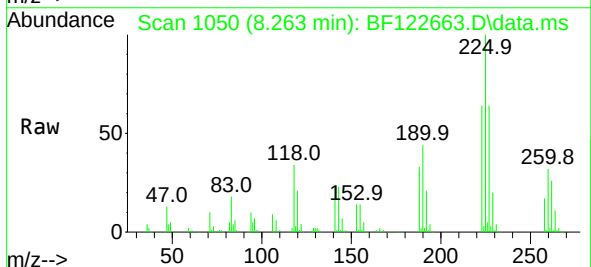
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

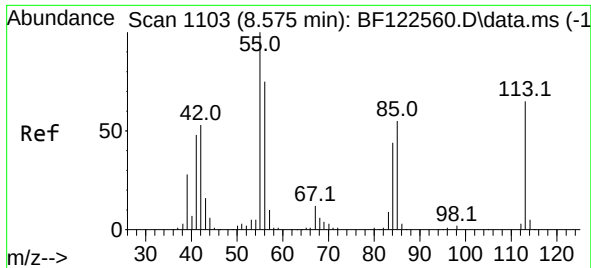
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	28.0	22.2	33.2
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	64.1	51.7	77.5

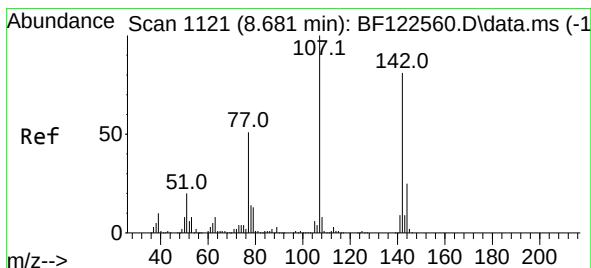
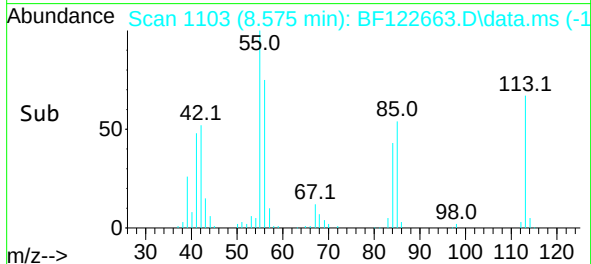
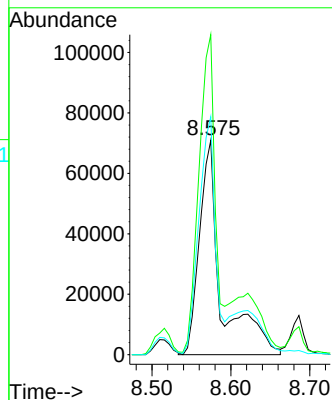
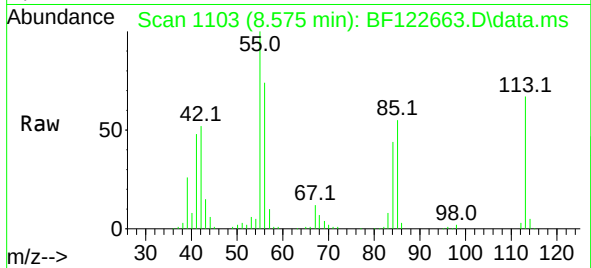




#35
 Caprolactam
 Concen: 41.87 ng m
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

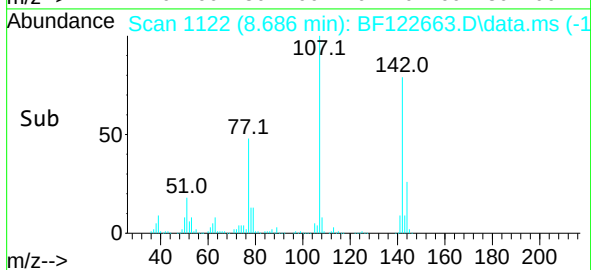
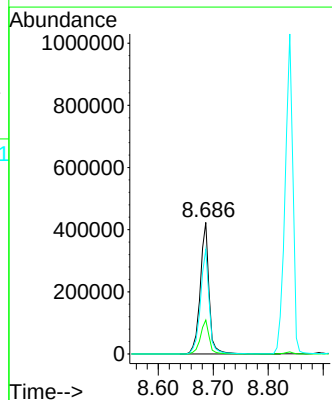
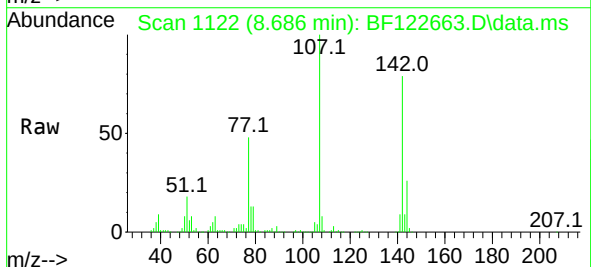
Instrument :
 BNA_F
 ClientSampleId :
 CS-48MSD

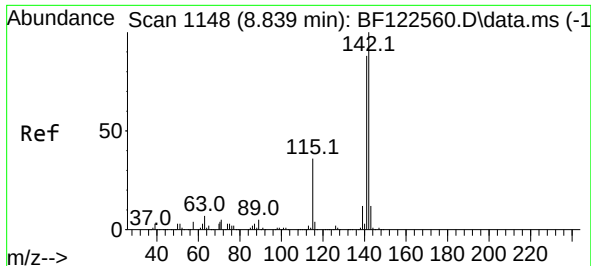
Tgt Ion:113 Resp: 135933
 Ion Ratio Lower Upper
 113 100
 55 149.3 133.7 173.7
 56 111.0 95.3 135.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.46 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

Tgt Ion:107 Resp: 471999
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 79.4 64.4 96.6

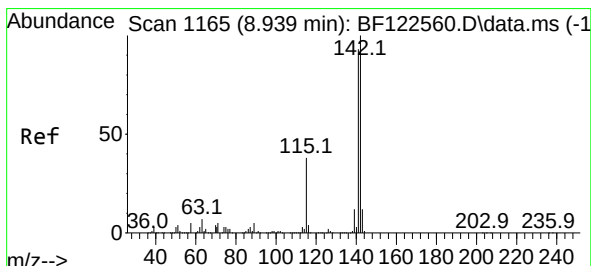
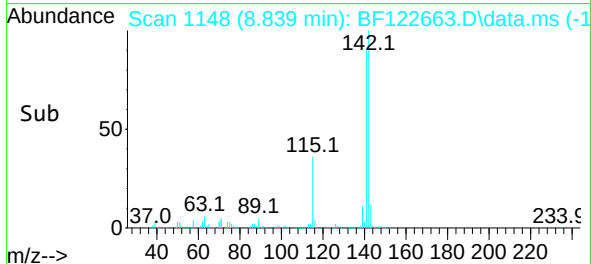
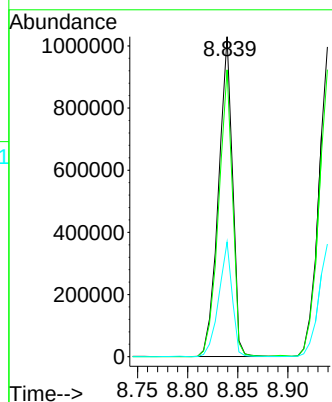
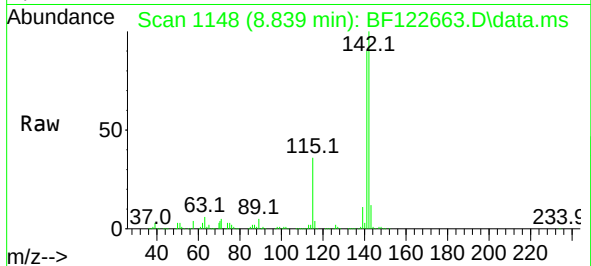




#37
2-Methylnaphthalene
Concen: 42.21 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

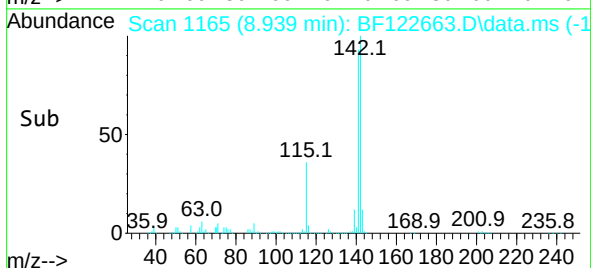
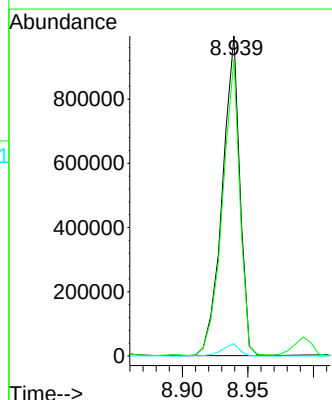
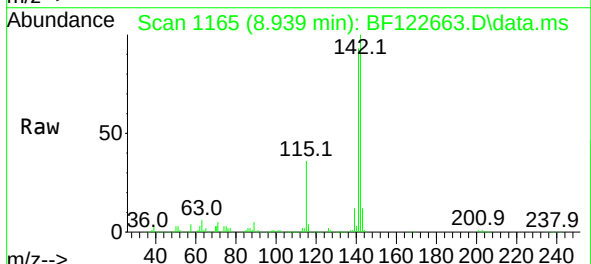
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

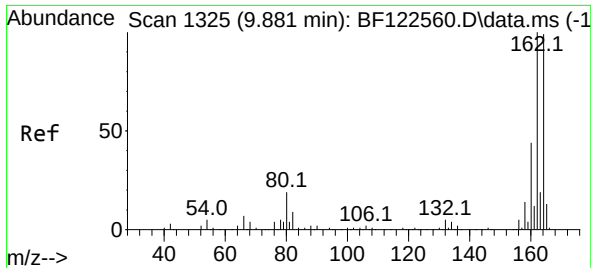
Tgt Ion:142 Resp: 1001983
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0
115 35.9 28.7 43.1



#38
1-Methylnaphthalene
Concen: 41.02 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:142 Resp: 921137
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7
116 3.9 3.2 4.8

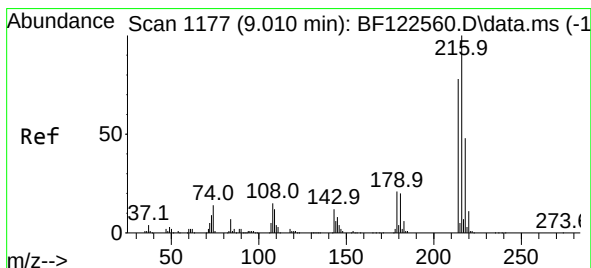
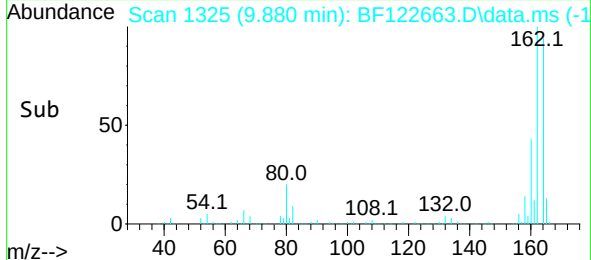
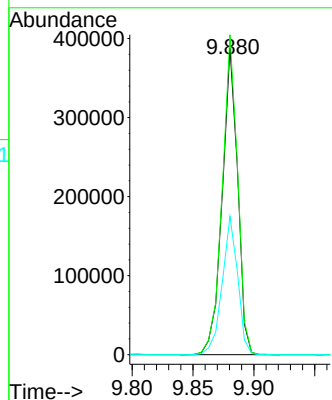
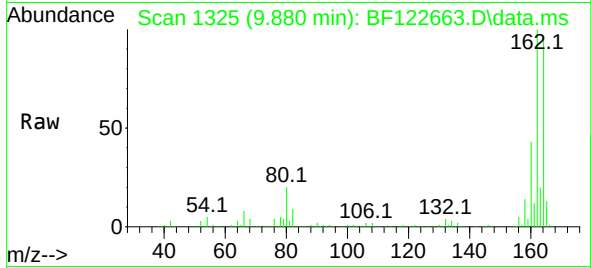




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

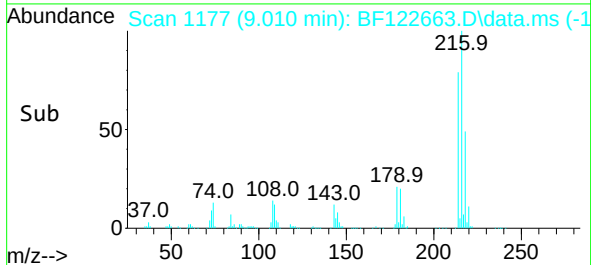
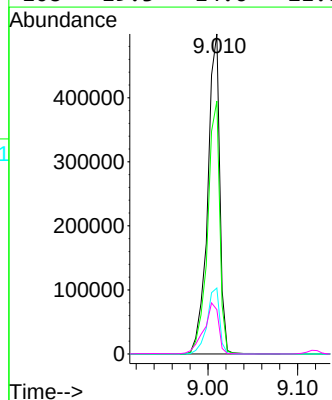
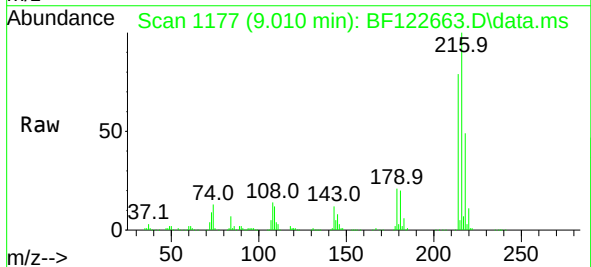
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

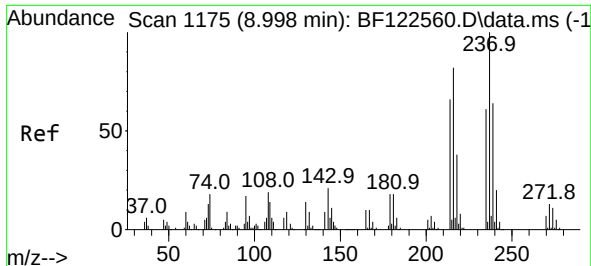
Tgt Ion:164 Resp: 343825
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 45.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.05 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:216 Resp: 467466
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 21.1 17.1 25.7
108 19.3 14.6 21.8

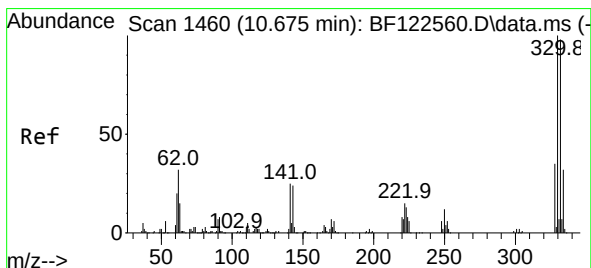
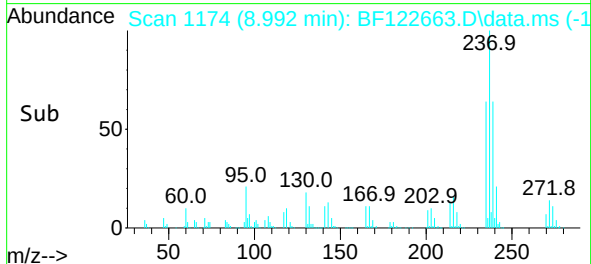
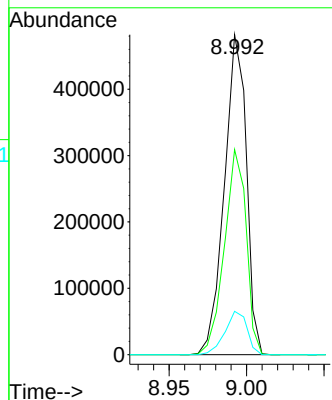
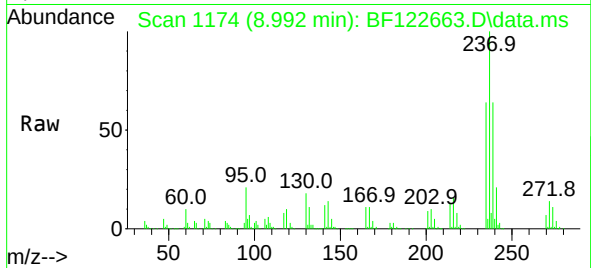




#41
Hexachlorocyclopentadiene
Concen: 94.56 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

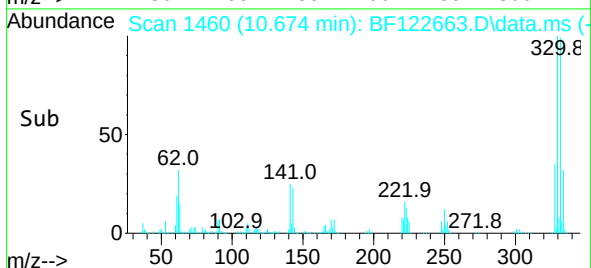
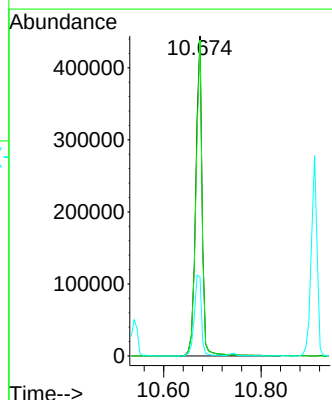
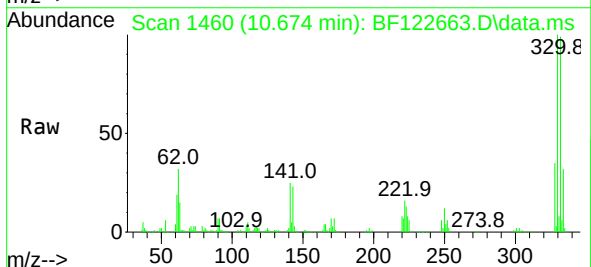
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

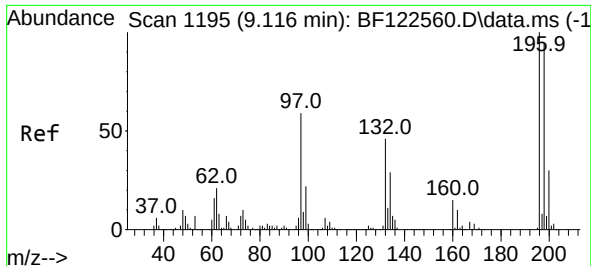
Tgt Ion:237 Resp: 476108
Ion Ratio Lower Upper
237 100
235 64.1 40.9 80.9
272 13.6 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 89.96 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:330 Resp: 404866
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.5 23.8 35.8

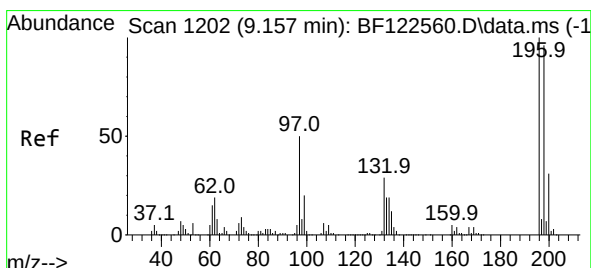
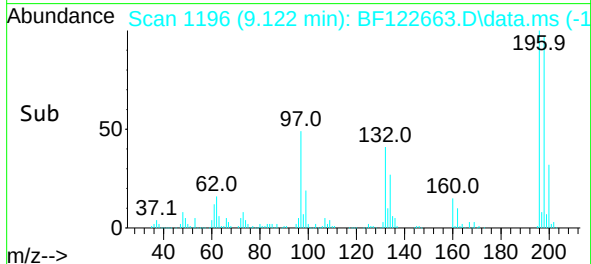
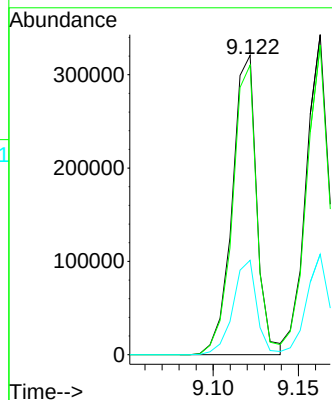
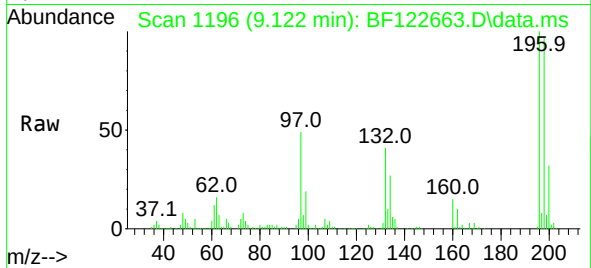




#43
2,4,6-Trichlorophenol
Concen: 40.84 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

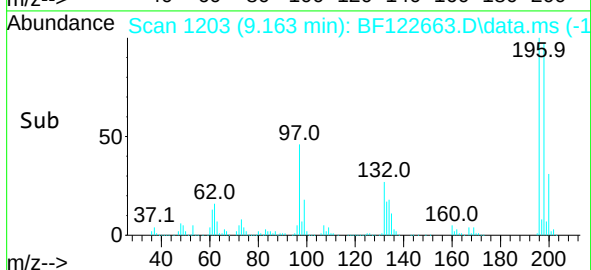
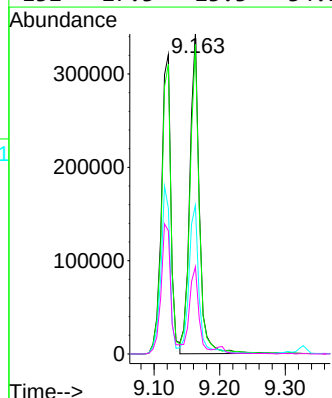
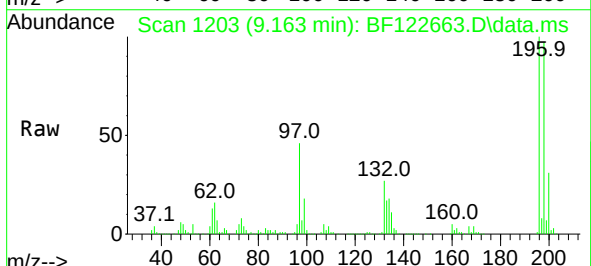
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

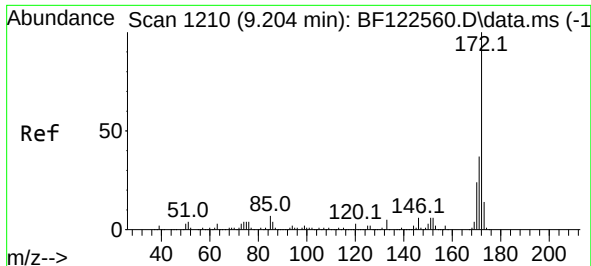
Tgt Ion:196 Resp: 321170
Ion Ratio Lower Upper
196 100
198 96.7 75.1 112.7
200 31.5 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.62 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:196 Resp: 346472
Ion Ratio Lower Upper
196 100
198 96.7 76.5 114.7
97 46.5 40.1 60.1
132 27.3 23.3 34.9

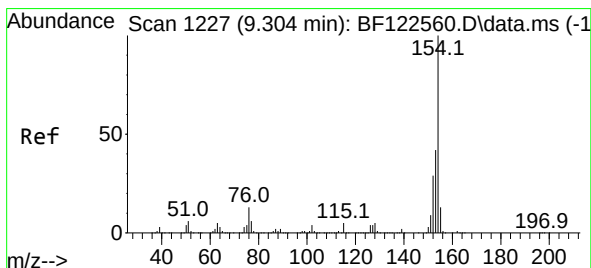
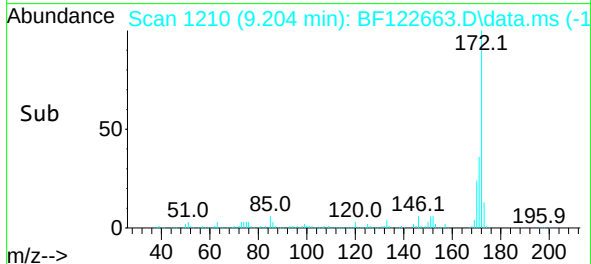
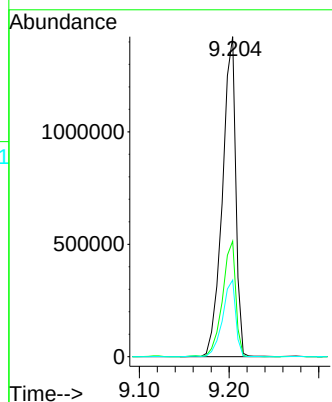
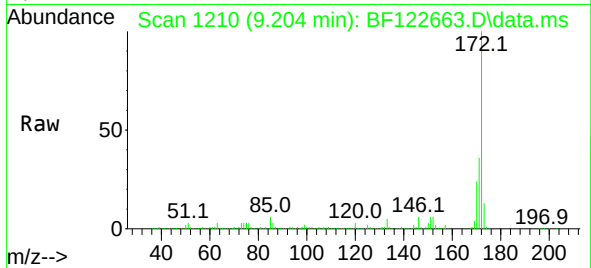




#45
2-Fluorobiphenyl
Concen: 57.96 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

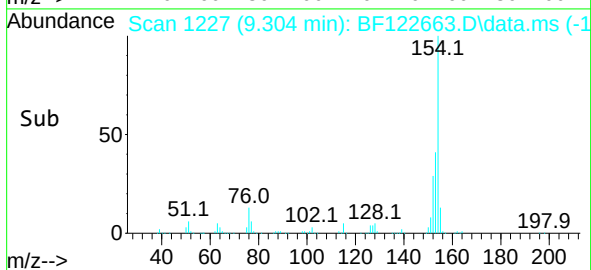
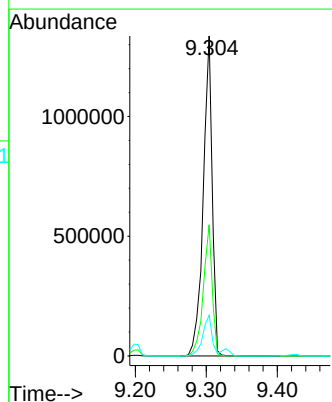
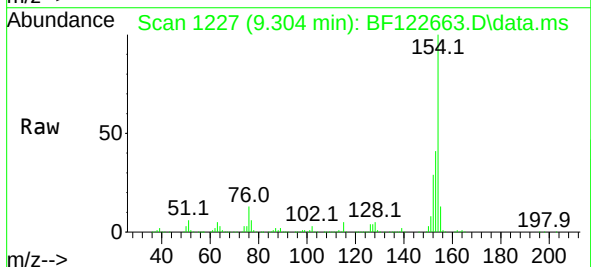
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

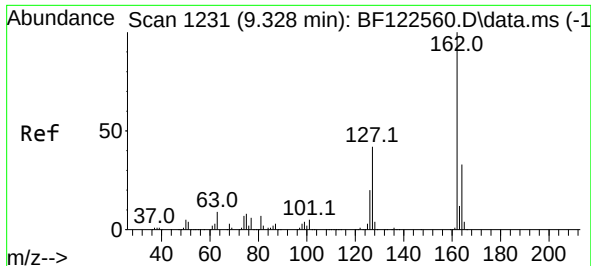
Tgt Ion:172 Resp: 1473317
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 41.40 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:154 Resp: 1181335
Ion Ratio Lower Upper
154 100
153 41.0 21.8 61.8
76 12.8 0.0 33.4

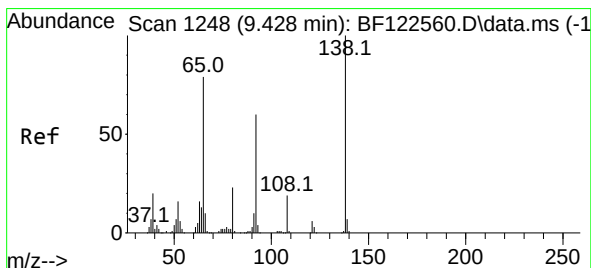
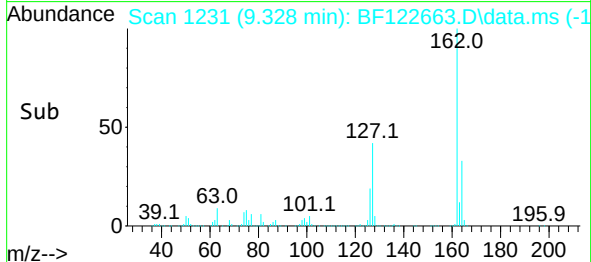
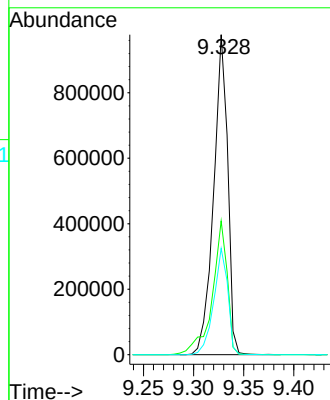
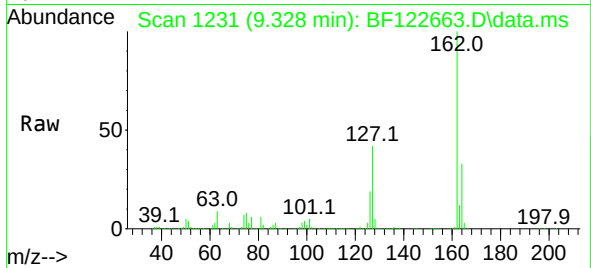




#47
2-Chloronaphthalene
Concen: 40.27 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

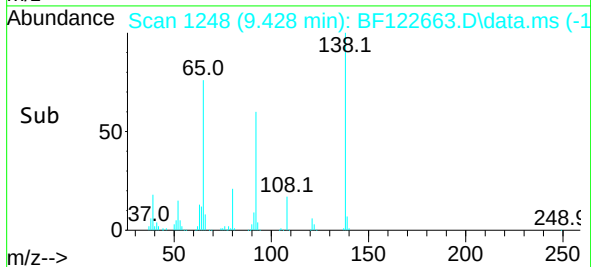
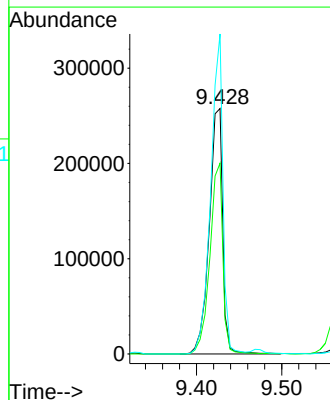
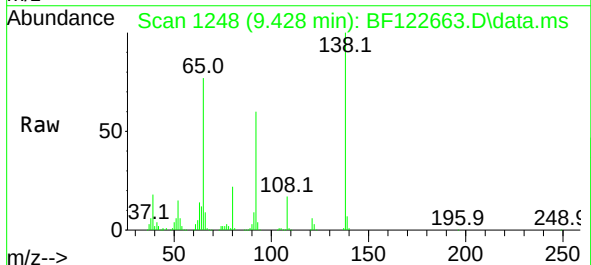
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

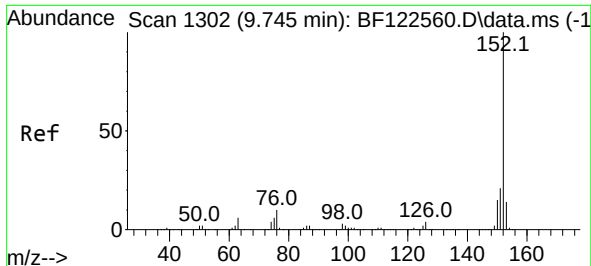
Tgt Ion:162 Resp: 952096
Ion Ratio Lower Upper
162 100
127 41.8 33.8 50.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 41.07 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 65 Resp: 283115
Ion Ratio Lower Upper
65 100
92 77.7 60.0 90.0
138 130.4 100.6 151.0





#49

Acenaphthylene

Concen: 42.13 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Instrument :

BNA_F

ClientSampleId :

CS-48MSD

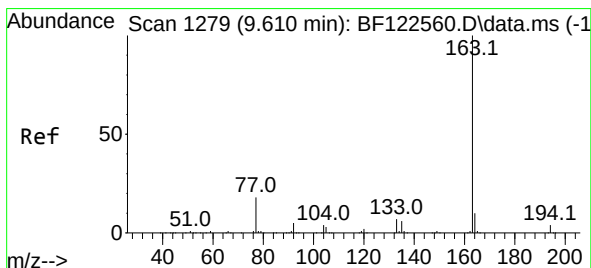
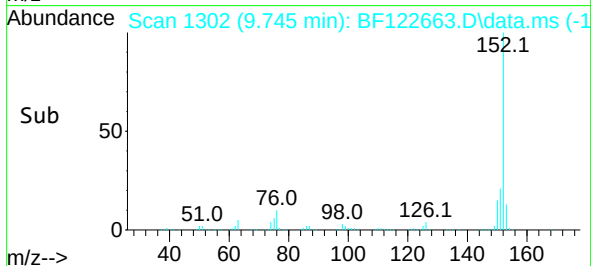
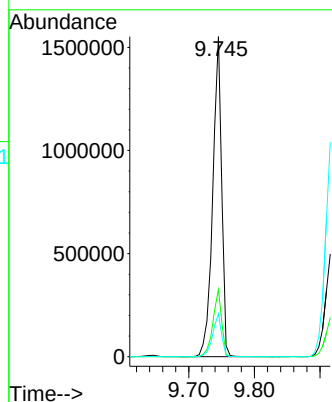
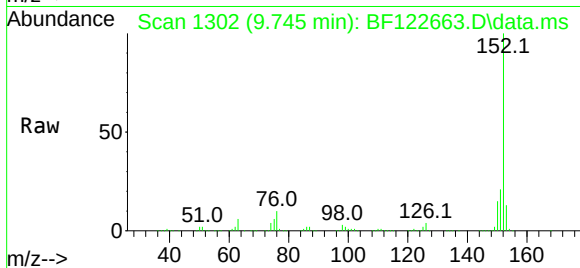
Tgt Ion:152 Resp: 1471163

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

153 13.4 10.9 16.3



#50

Dimethylphthalate

Concen: 43.65 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

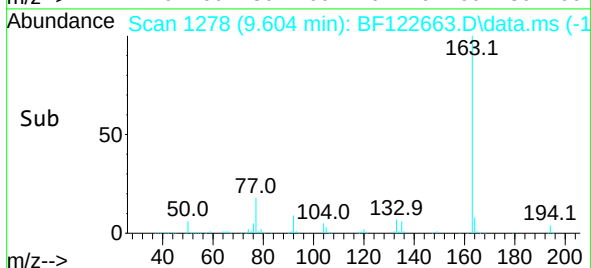
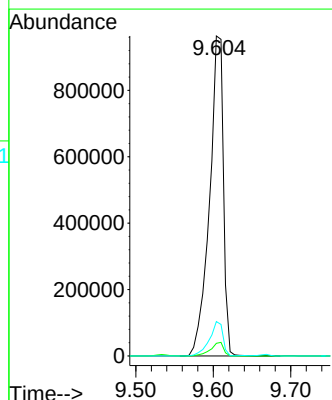
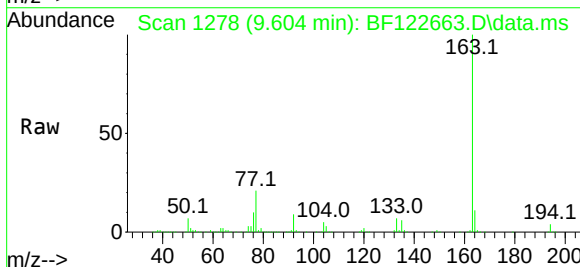
Tgt Ion:163 Resp: 1198640

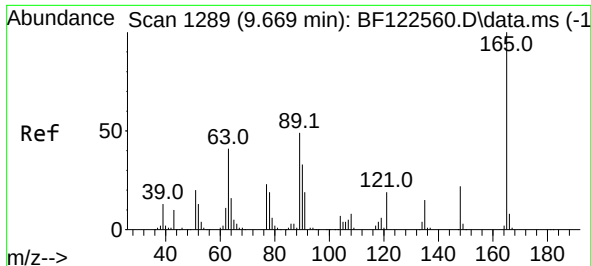
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.7 8.1 12.1

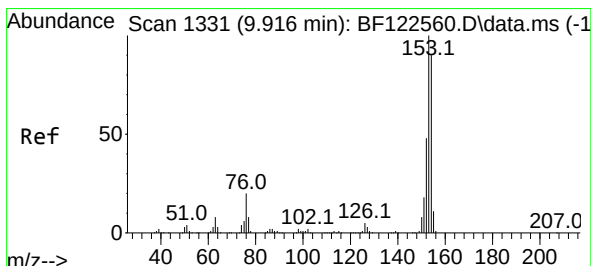
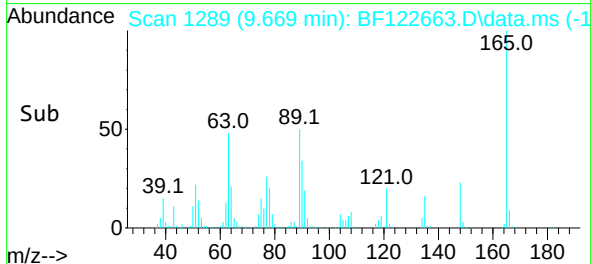
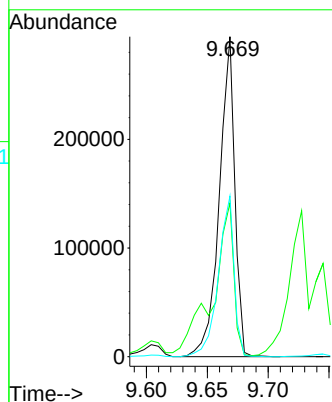
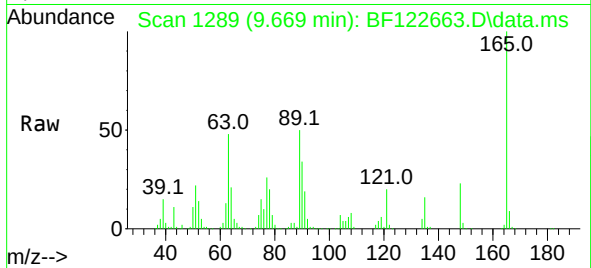




#51
2,6-Dinitrotoluene
Concen: 45.15 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

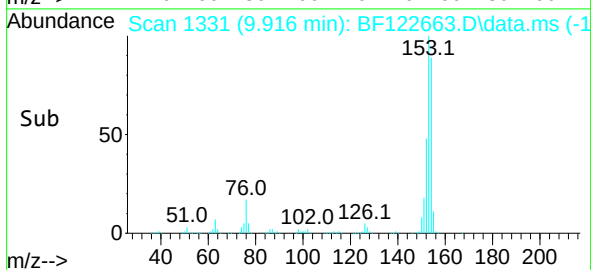
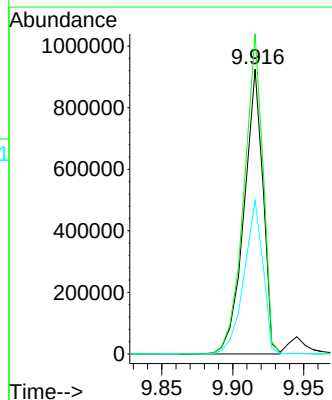
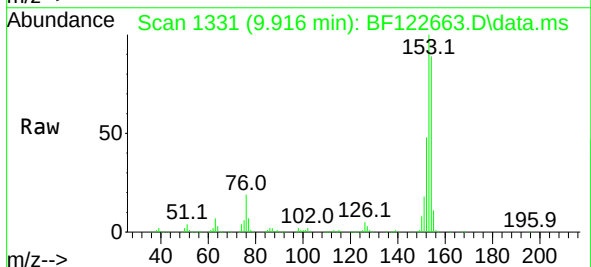
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

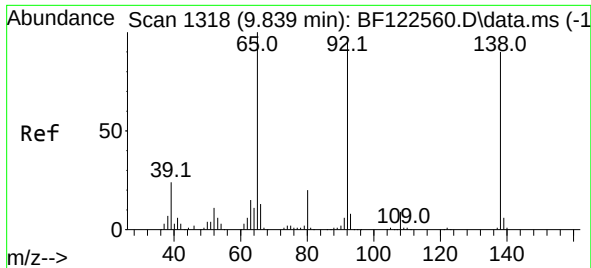
Tgt Ion:165 Resp: 261844
Ion Ratio Lower Upper
165 100
63 48.0 36.6 55.0
89 50.2 39.4 59.0



#52
Acenaphthene
Concen: 38.10 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:154 Resp: 860802
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 53.9 42.7 64.1

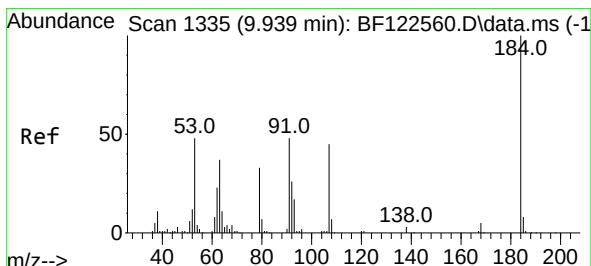
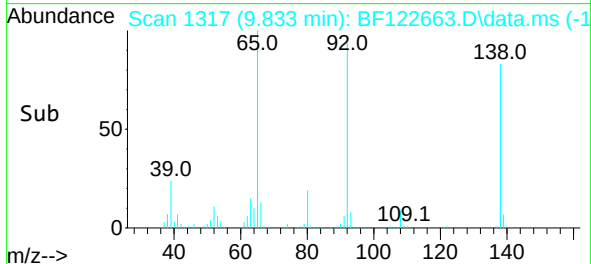
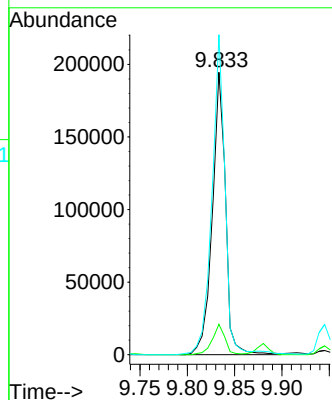
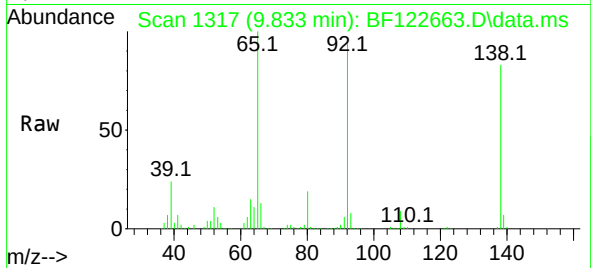




#53
3-Nitroaniline
Concen: 28.06 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

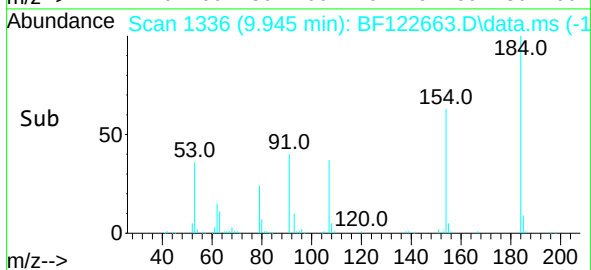
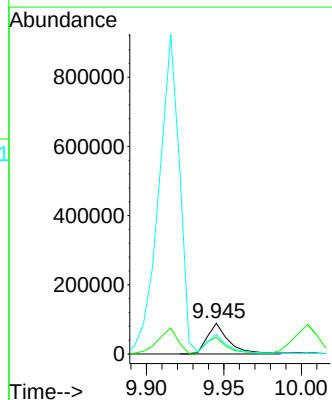
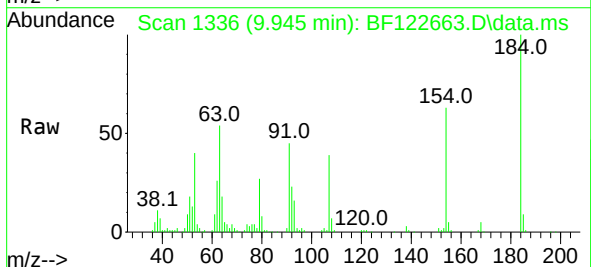
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

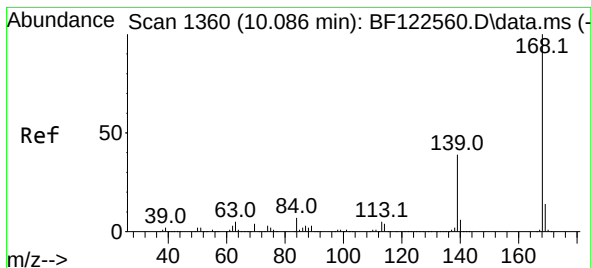
Tgt Ion:138 Resp: 188011
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 113.3 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 30.20 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:184 Resp: 85633
Ion Ratio Lower Upper
184 100
63 53.9 51.4 77.2
154 63.3 49.7 74.5

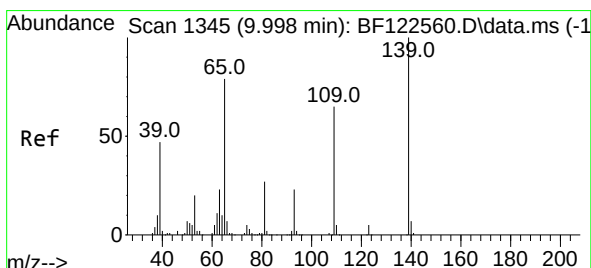
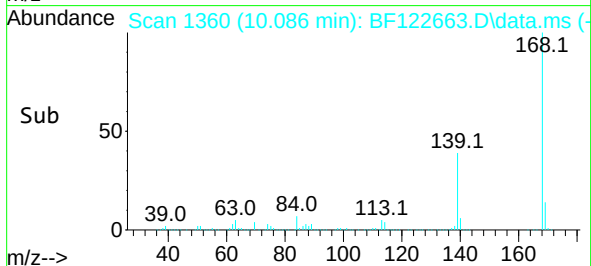
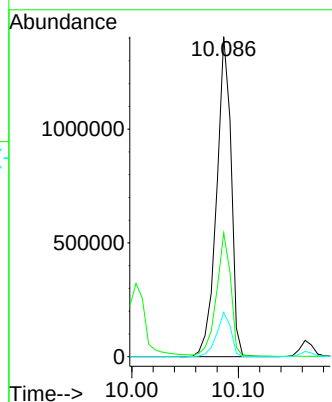
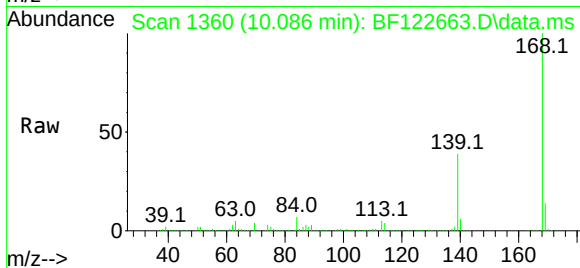




#55
Dibenzenofuran
Concen: 41.89 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

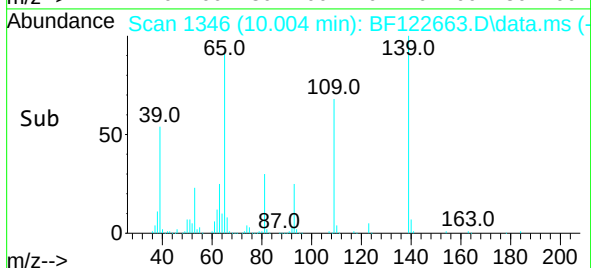
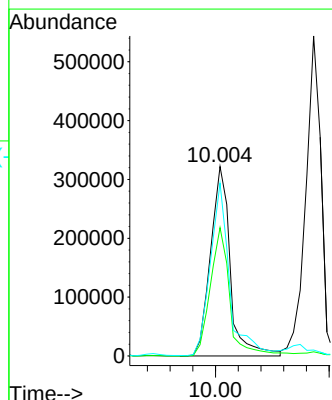
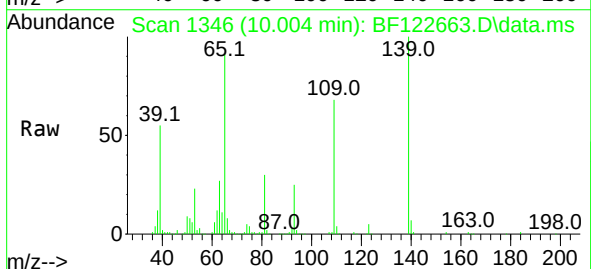
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

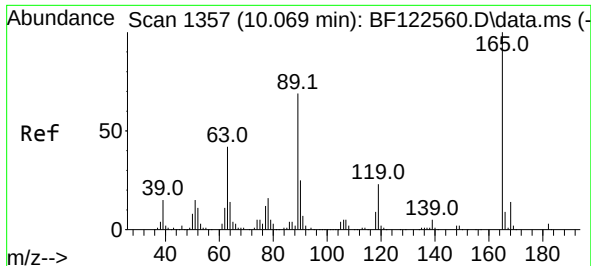
Tgt Ion:168 Resp: 1331278
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.8 11.2 16.8



#56
4-Nitrophenol
Concen: 81.59 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:139 Resp: 389841
Ion Ratio Lower Upper
139 100
109 67.8 45.1 85.1
65 91.2 59.2 99.2

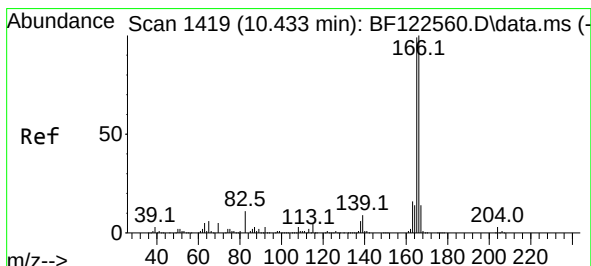
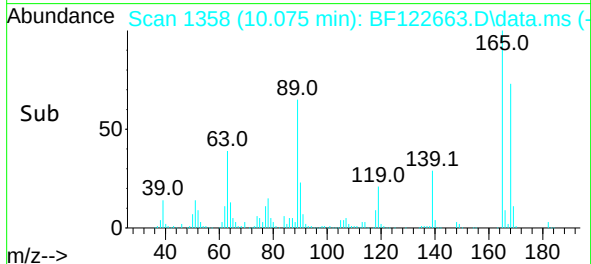
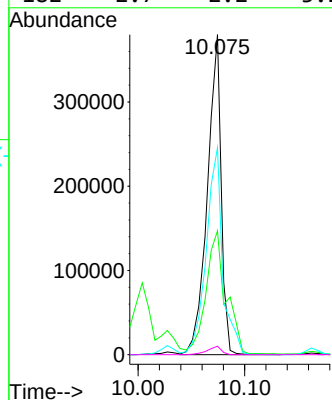
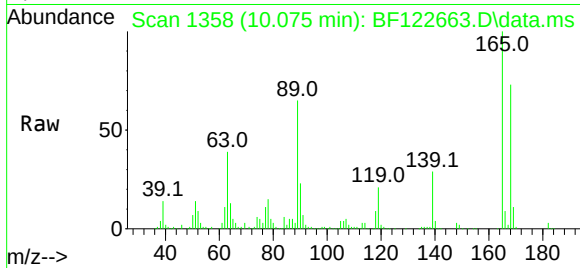




#57
2,4-Dinitrotoluene
Concen: 44.61 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

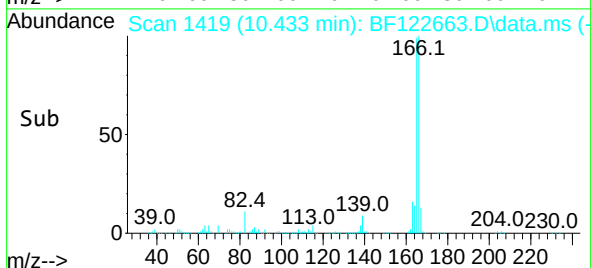
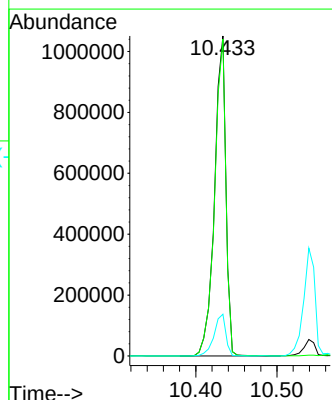
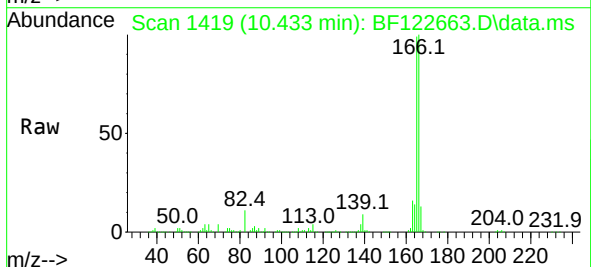
Instrument :
BNA_F
ClientSampled :
CS-48MSD

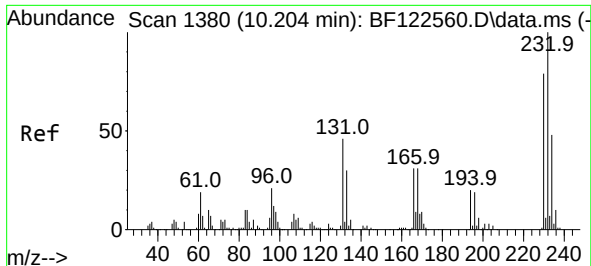
Tgt Ion:165 Resp: 344607
Ion Ratio Lower Upper
165 100
63 38.7 34.3 51.5
89 64.7 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.27 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:166 Resp: 1018035
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.0
167 13.0 10.9 16.3

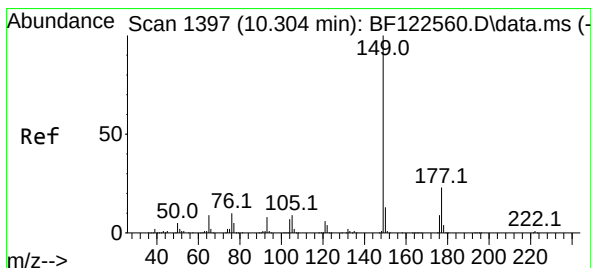
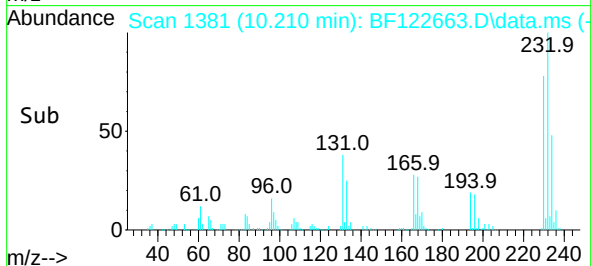
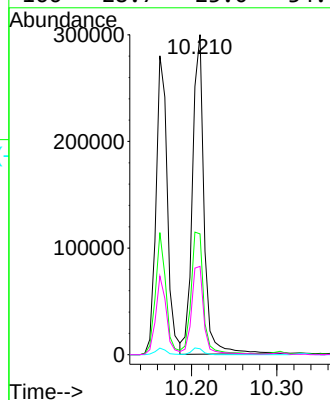
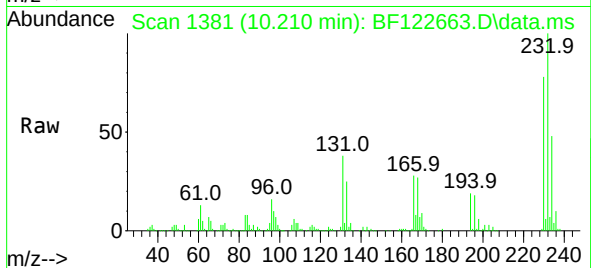




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.63 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

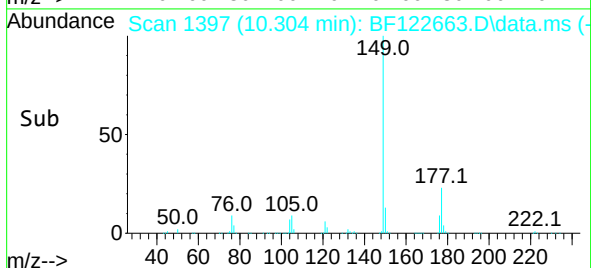
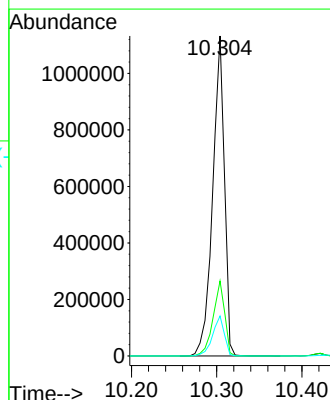
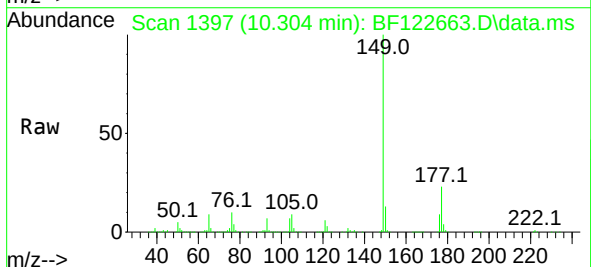
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

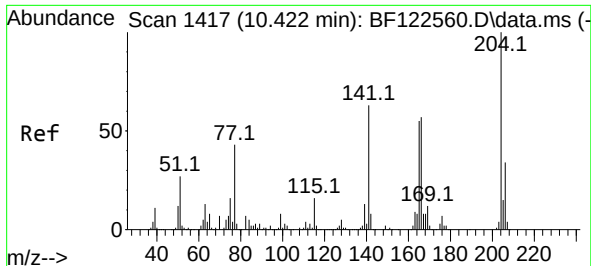
Tgt Ion:232 Resp: 283091
Ion Ratio Lower Upper
232 100
131 40.5 33.0 49.4
130 2.1 1.7 2.5
166 28.7 23.0 34.4



#60
Diethylphthalate
Concen: 40.79 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:149 Resp: 1089473
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.5 10.1 15.1

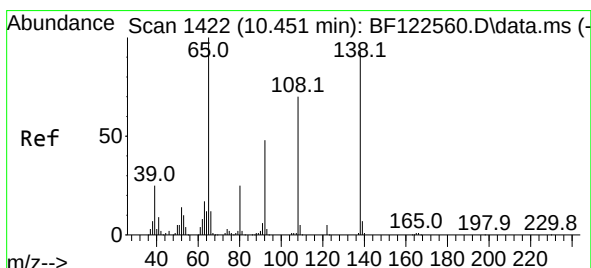
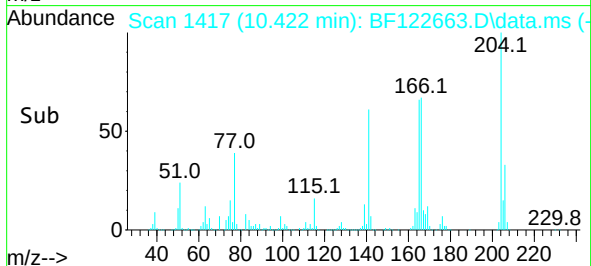
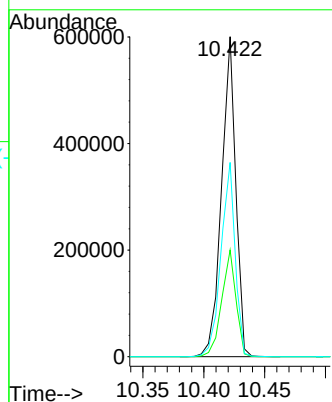
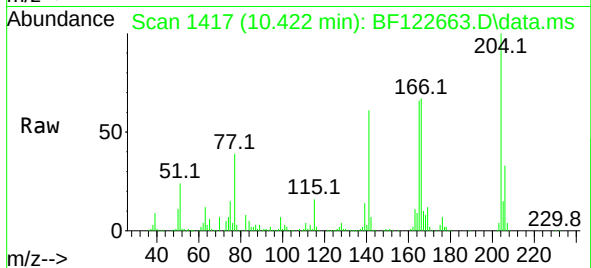




#61
4-Chlorophenyl-phenylether
Concen: 39.30 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

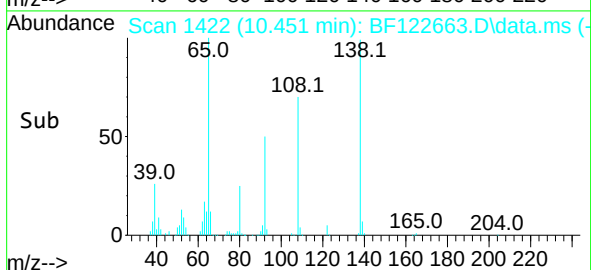
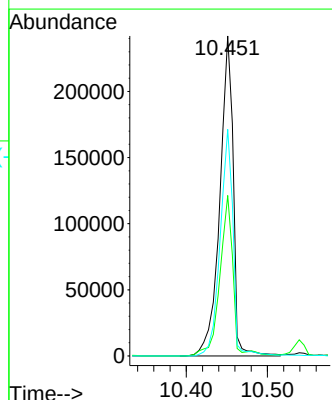
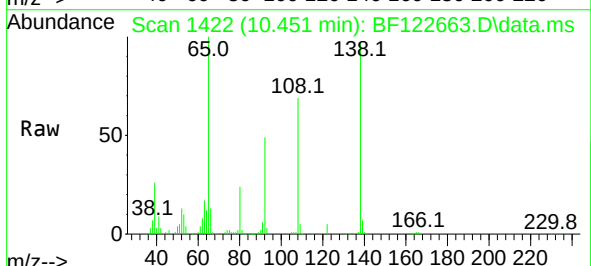
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

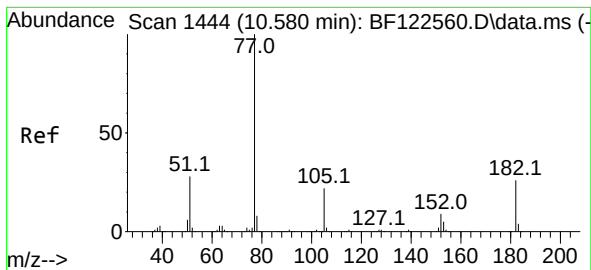
Tgt Ion:204 Resp: 489155
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 60.7 50.4 75.6



#62
4-Nitroaniline
Concen: 41.06 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:138 Resp: 279299
Ion Ratio Lower Upper
138 100
92 50.2 31.0 71.0
108 70.8 54.8 94.8



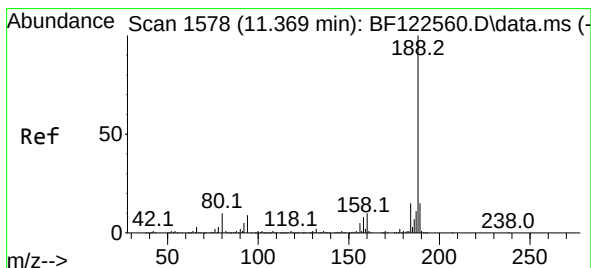
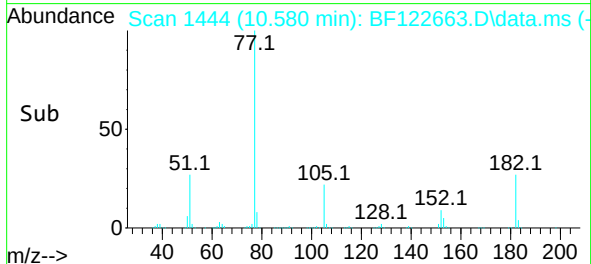
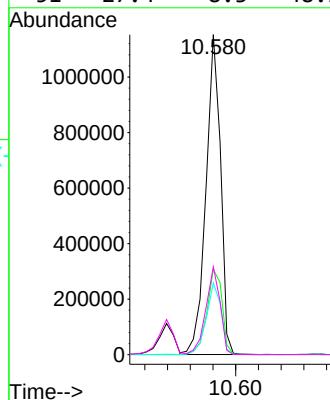
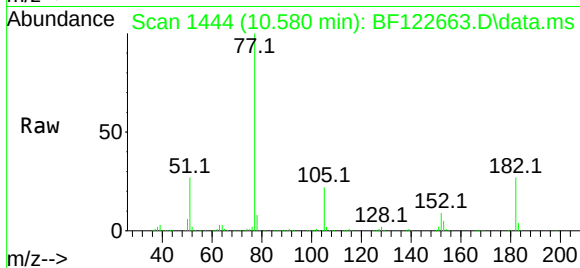


#63
Azobenzene
Concen: 41.80 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Instrument :
BNA_F
ClientSampleId :
CS-48MSD

Tgt Ion: 77 Resp: 1026249

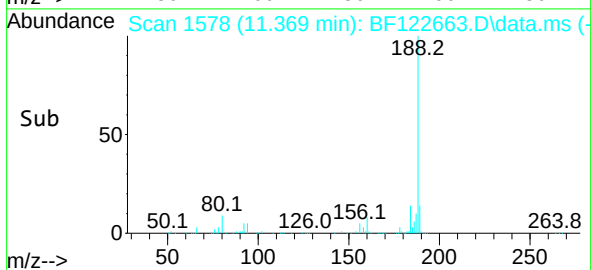
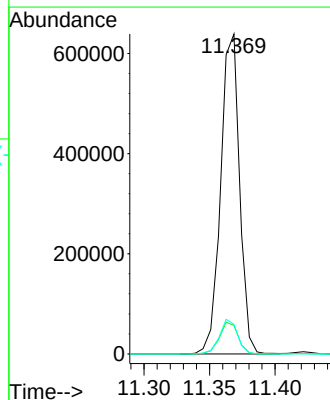
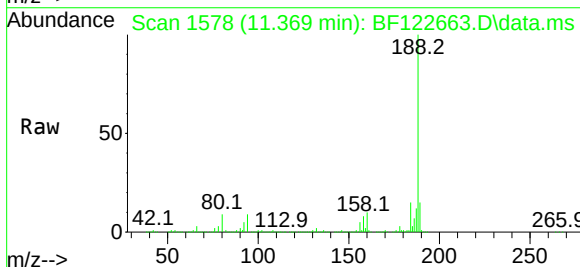
Ion	Ratio	Lower	Upper
77	100		
182	26.8	5.6	45.6
105	22.4	1.8	41.8
51	27.4	8.3	48.3

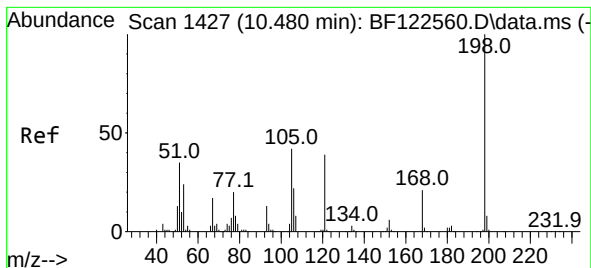


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion: 188 Resp: 639217

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.3	8.2	12.4

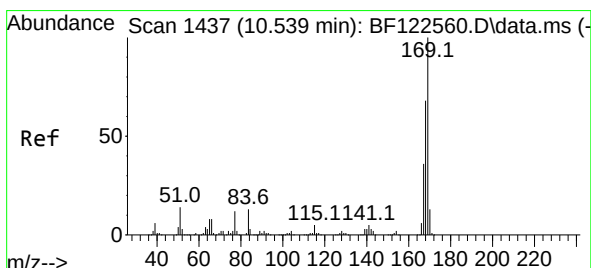
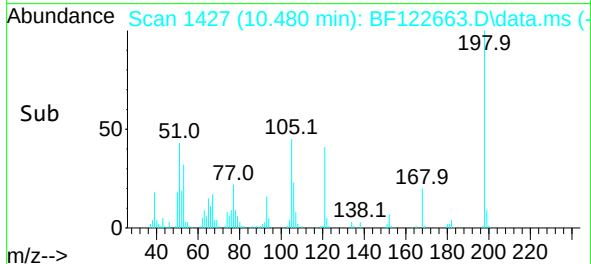
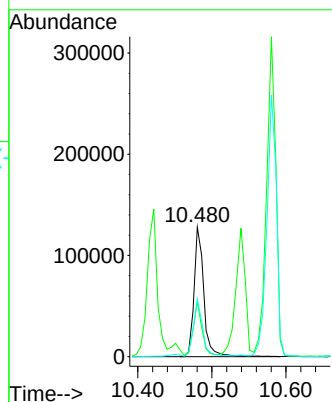
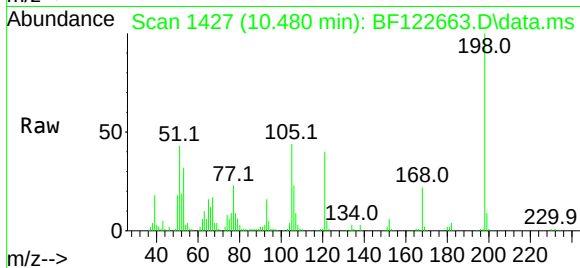




#65
4,6-Dinitro-2-methylphenol
Concen: 30.14 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

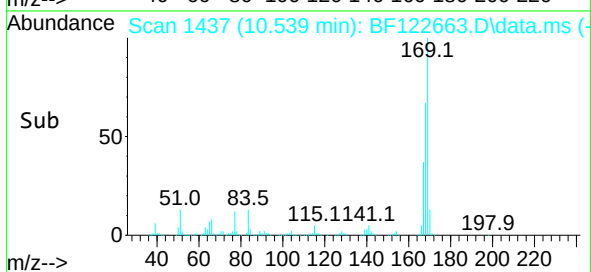
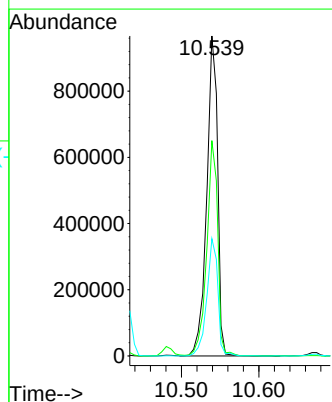
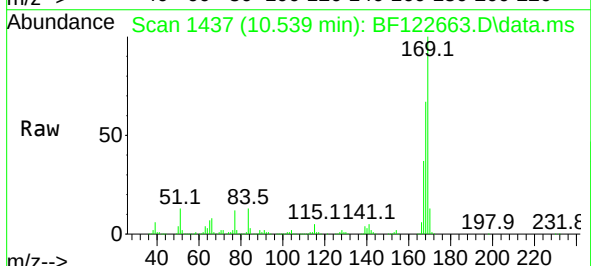
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

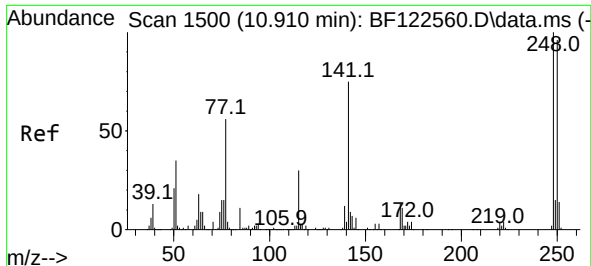
Tgt Ion:198 Resp: 117461
Ion Ratio Lower Upper
198 100
51 42.6 20.3 60.3
105 44.5 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 41.73 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:169 Resp: 942480
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 36.7 29.2 43.8

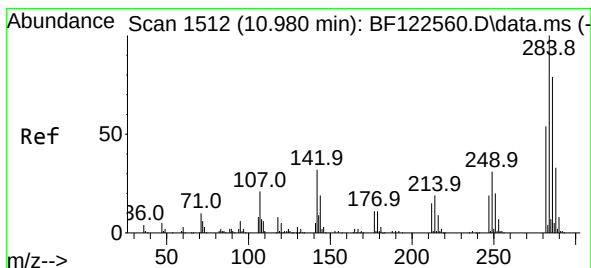
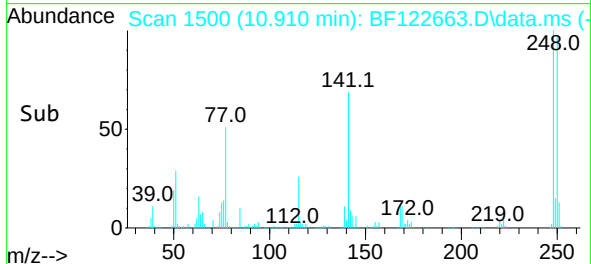
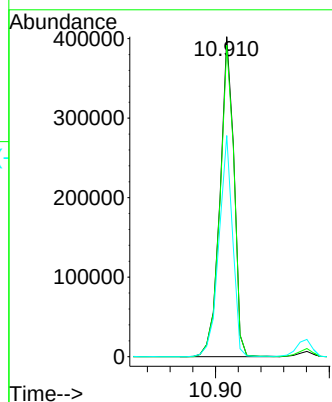
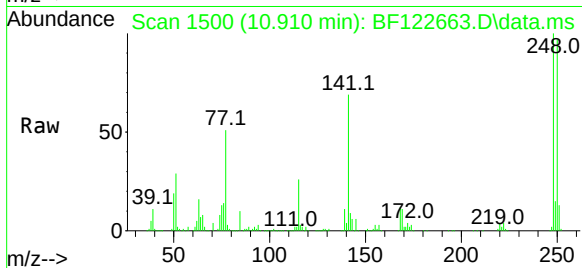




#67
4-Bromophenyl-phenylether
Concen: 39.71 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

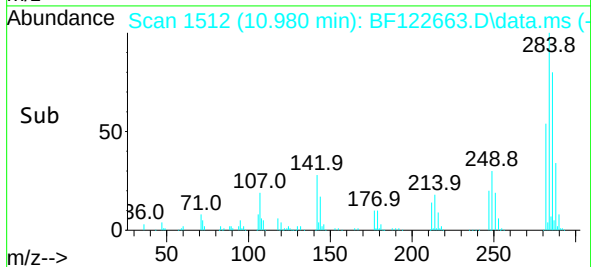
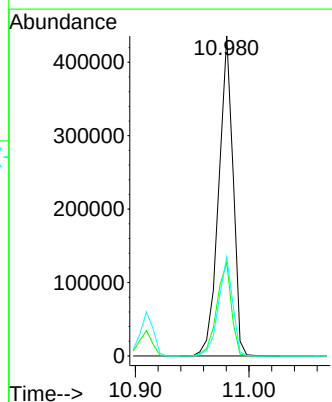
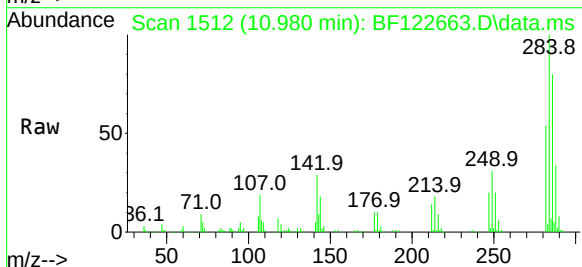
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

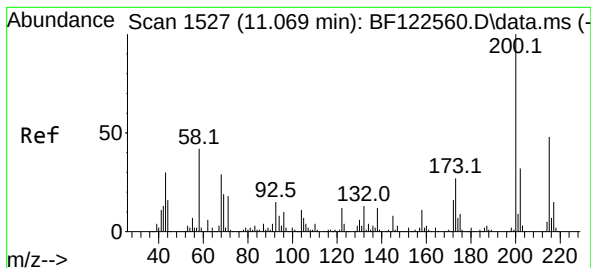
Tgt Ion:248 Resp: 343930
Ion Ratio Lower Upper
248 100
250 97.3 76.8 115.2
141 69.1 59.8 89.8



#68
Hexachlorobenzene
Concen: 39.94 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:284 Resp: 382443
Ion Ratio Lower Upper
284 100
142 29.1 25.6 38.4
249 31.0 25.1 37.7





#69

Atrazine

Concen: 37.36 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

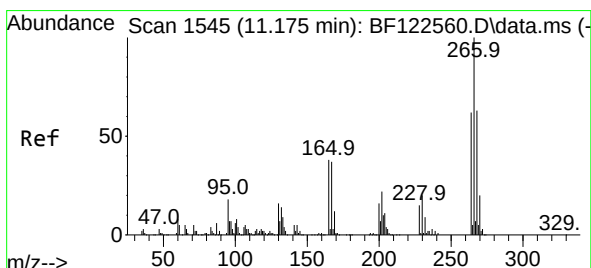
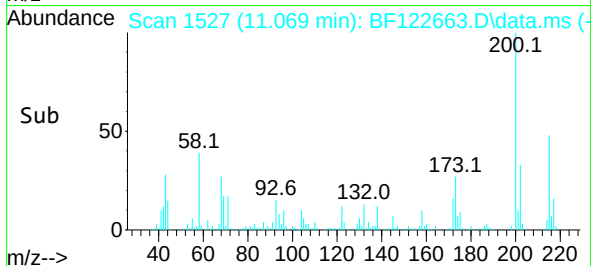
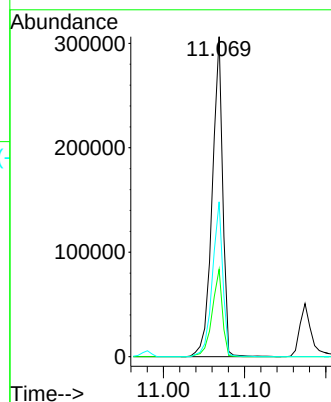
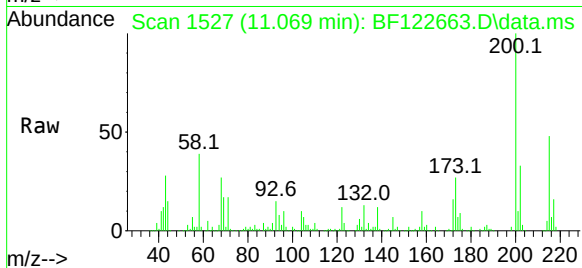
Tgt Ion:200 Resp: 274051

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.4 28.1 68.1



#70

Pentachlorophenol

Concen: 60.98 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

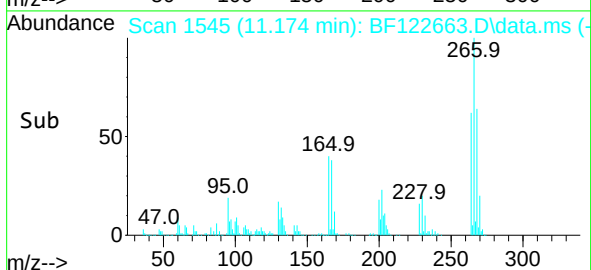
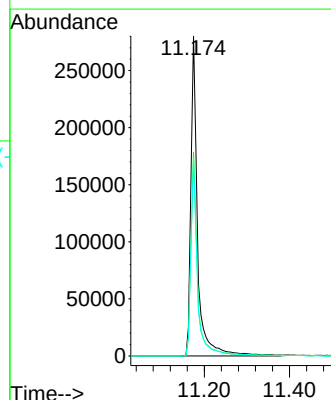
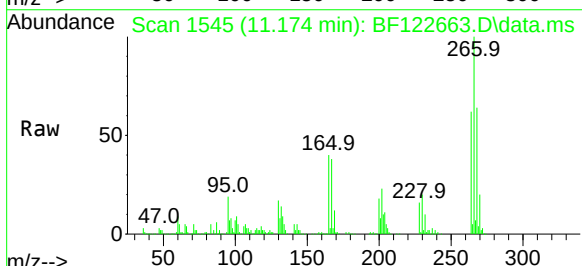
Tgt Ion:266 Resp: 309373

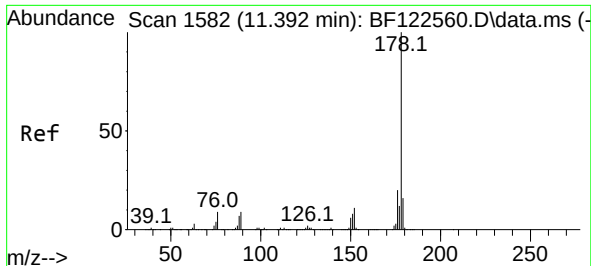
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 61.9 49.8 74.8

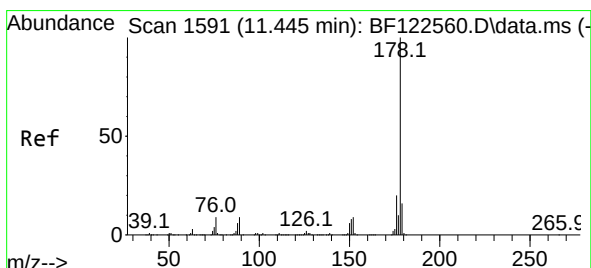
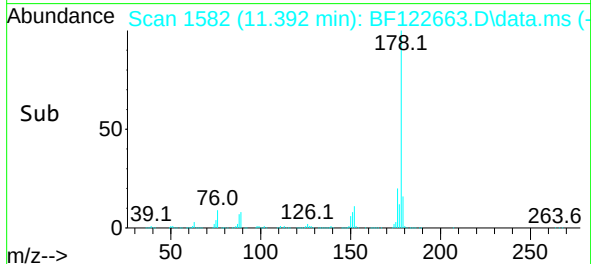
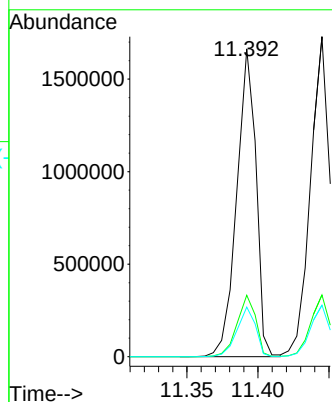
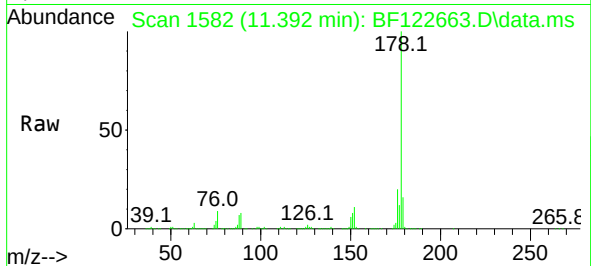




#71
Phenanthrene
Concen: 41.42 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

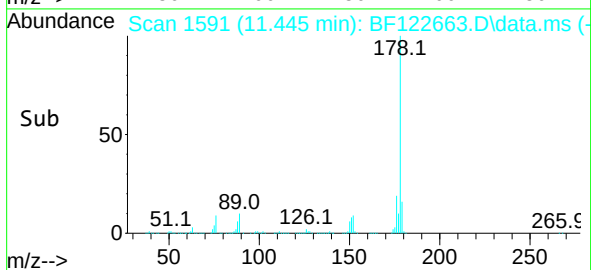
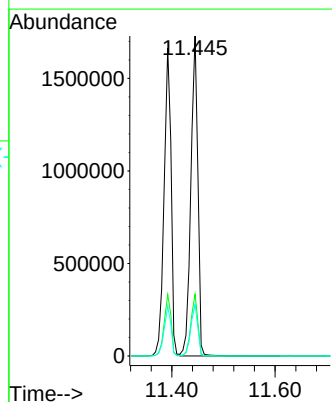
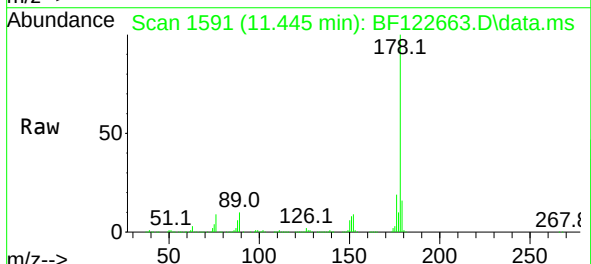
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

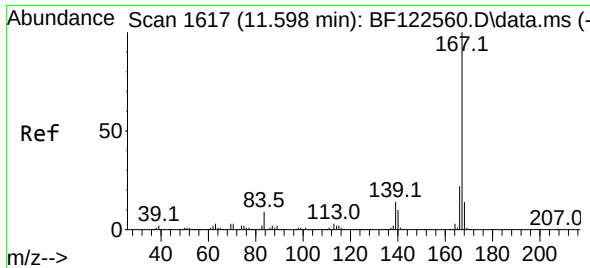
Tgt Ion:178 Resp: 1573524
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.1 12.7 19.1



#72
Anthracene
Concen: 43.19 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:178 Resp: 1626804
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.1 12.8 19.2



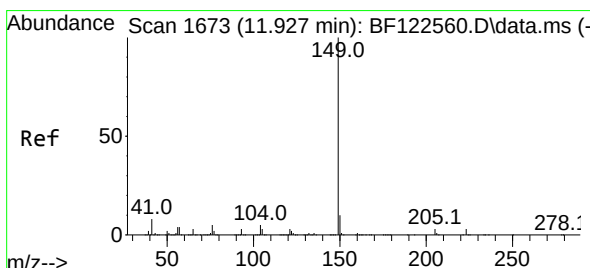
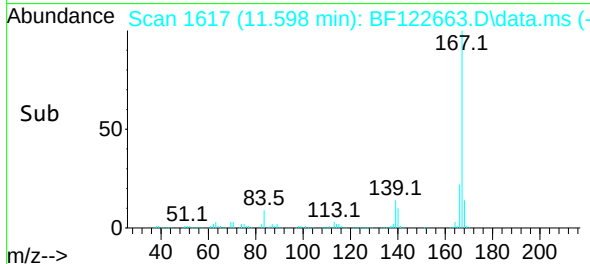
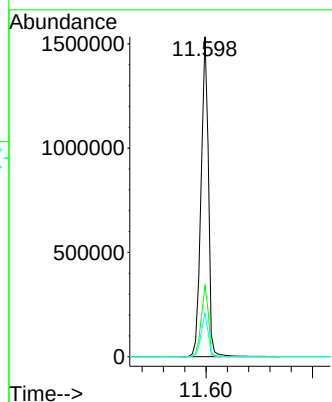
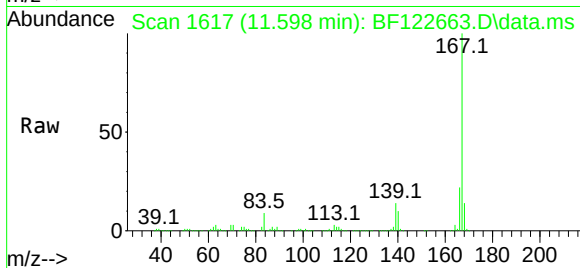


#73
 Carbazole
 Concen: 43.22 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 CS-48MSD

Tgt Ion:167 Resp: 1476654

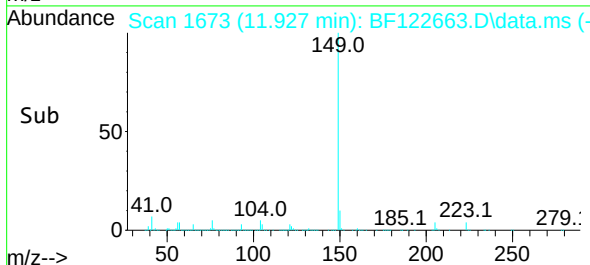
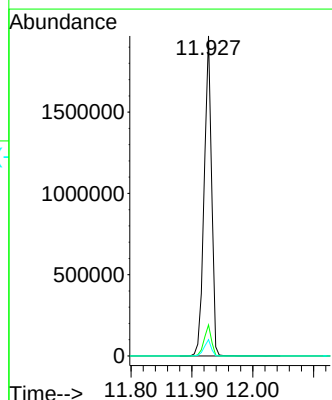
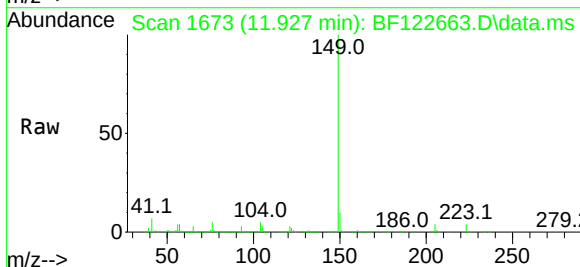
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	13.7	10.9	16.3

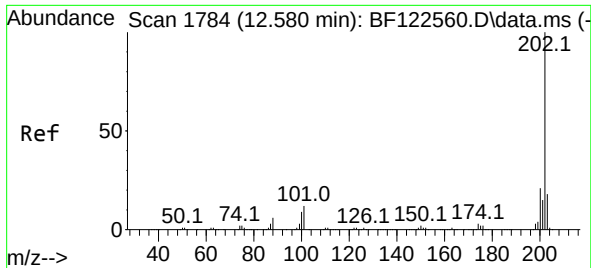


#74
 Di-n-butylphthalate
 Concen: 38.55 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

Tgt Ion:149 Resp: 1654897

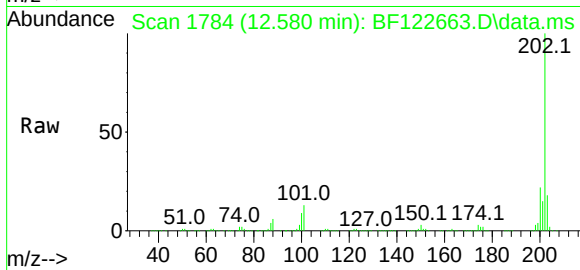
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	4.2	6.4



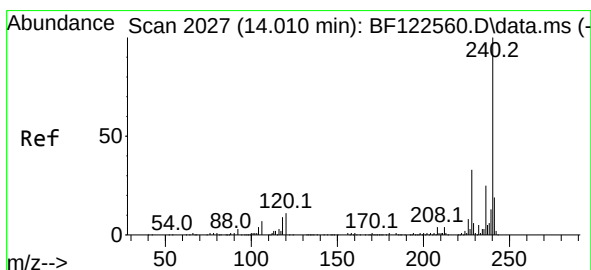
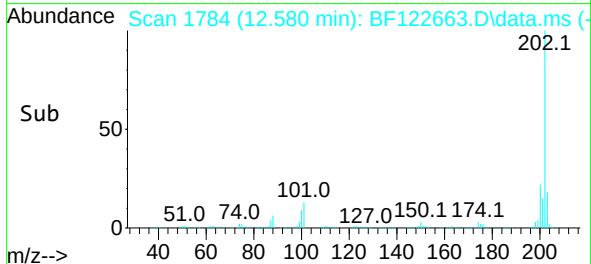
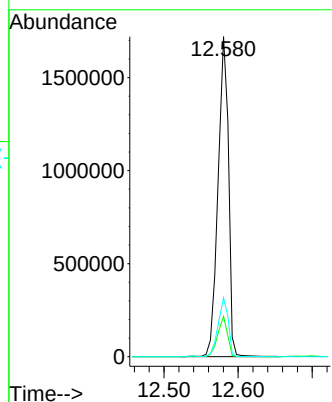


#75
Fluoranthene
Concen: 42.26 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Instrument :
BNA_F
ClientSampleId :
CS-48MSD

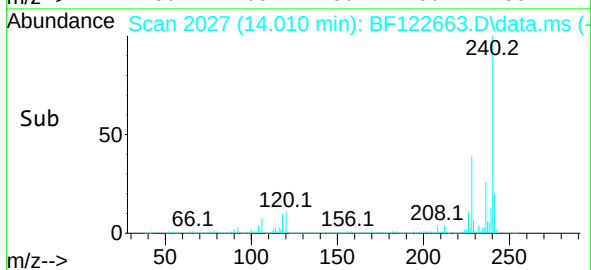
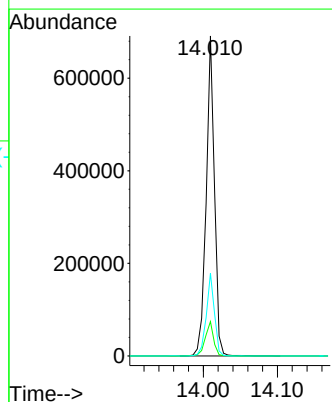
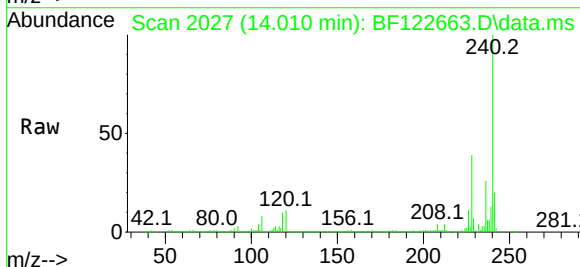


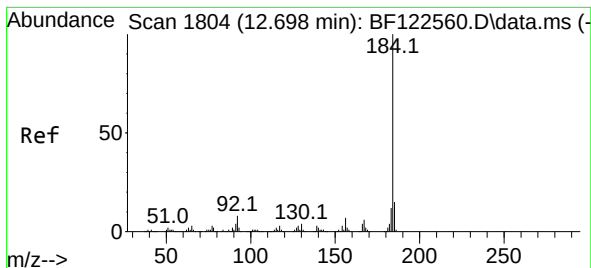
Tgt Ion:202 Resp: 1683575
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.2
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:240 Resp: 537756
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.8 20.3 30.5





#77

Benzidine

Concen: 47.83 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

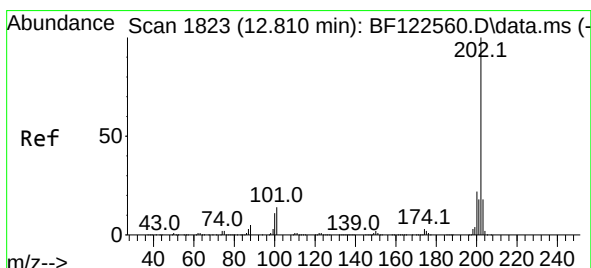
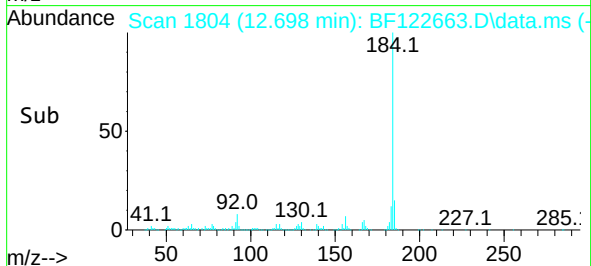
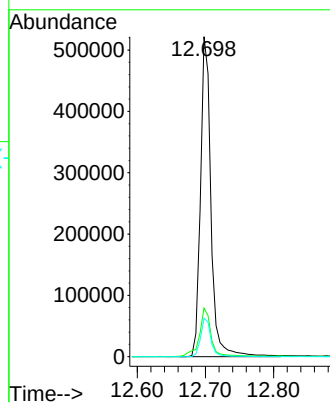
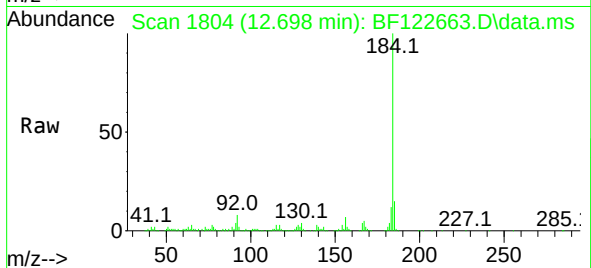
Tgt Ion:184 Resp: 556315

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 12.0 9.7 14.5



#78

Pyrene

Concen: 40.87 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

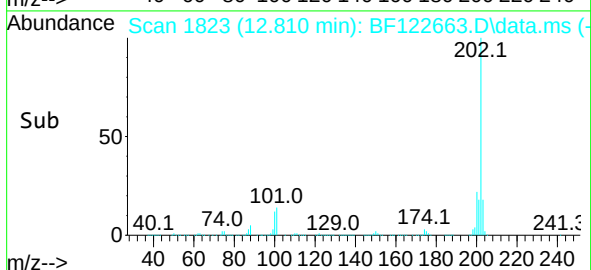
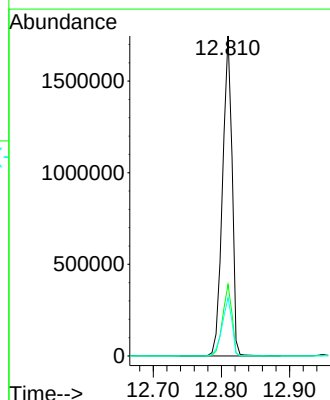
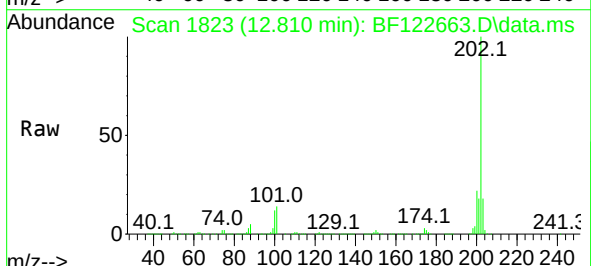
Tgt Ion:202 Resp: 1699083

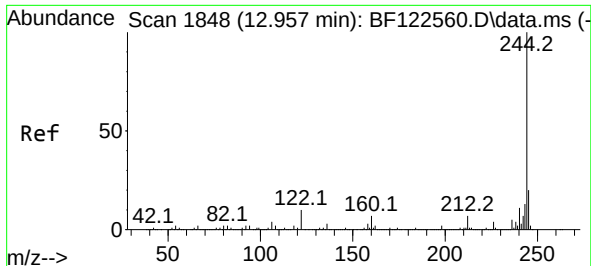
Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

203 18.2 14.6 21.8

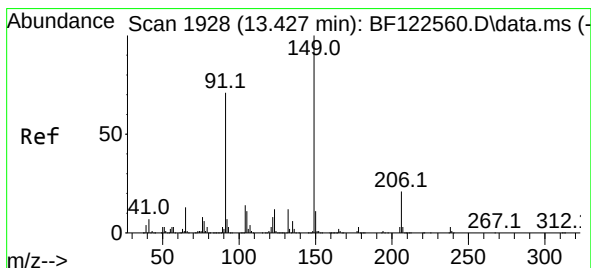
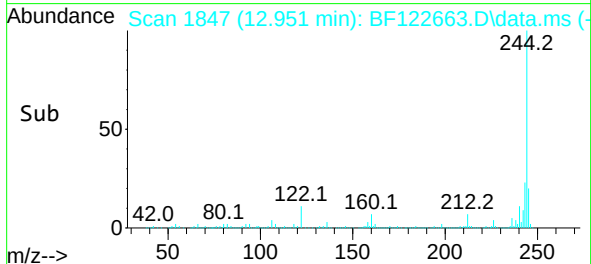
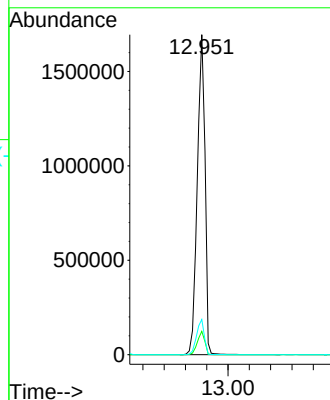
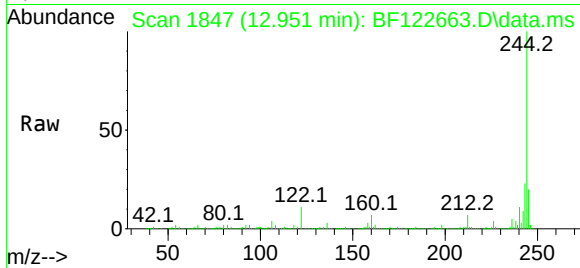




#79
 Terphenyl-d14
 Concen: 55.45 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

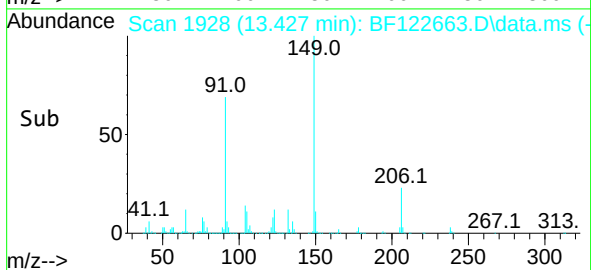
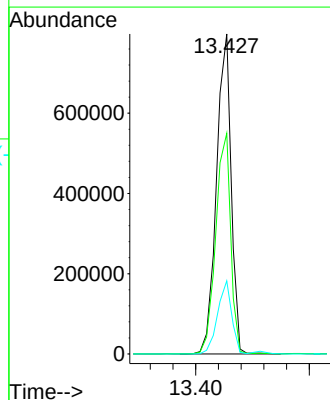
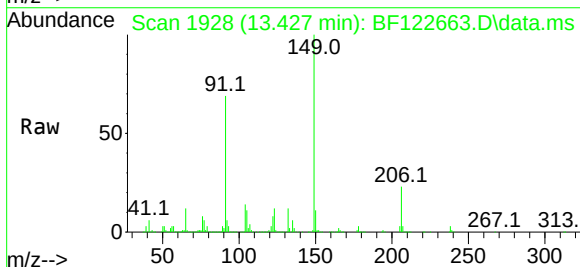
Instrument :
 BNA_F
 ClientSampleId :
 CS-48MSD

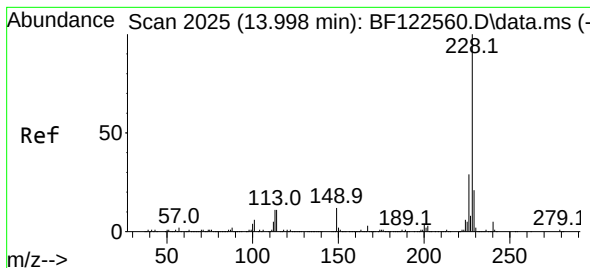
Tgt Ion:244 Resp: 1703397
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.0 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 38.30 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF122663.D
 Acq: 11 Dec 2020 15:06

Tgt Ion:149 Resp: 717347
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.5 84.7
 206 22.8 17.0 25.6

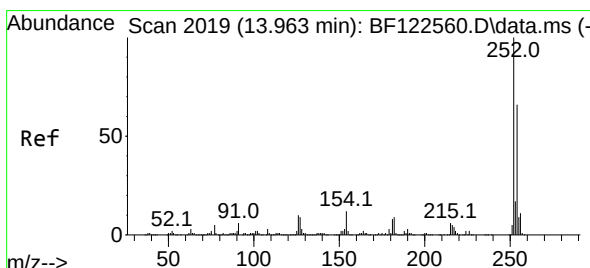
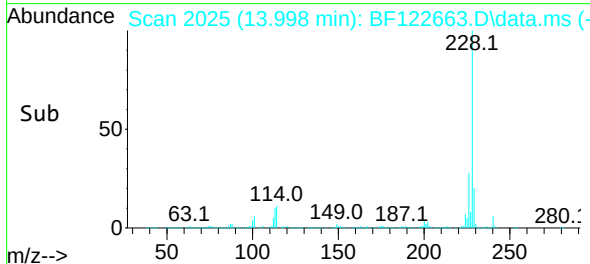
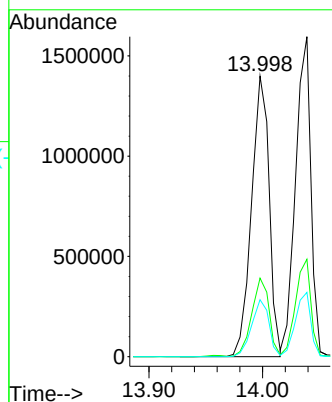
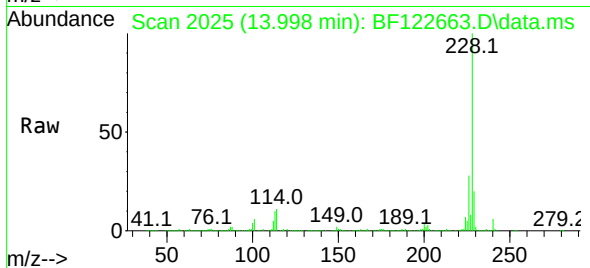




#81
Benzo(a)anthracene
Concen: 42.02 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

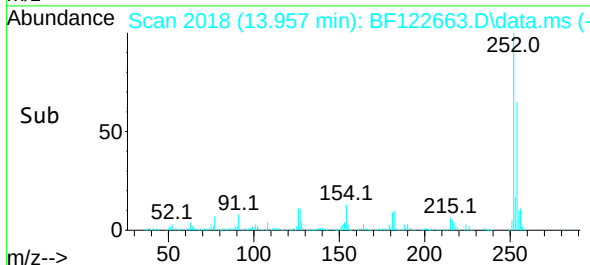
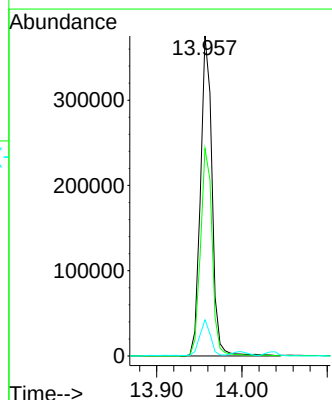
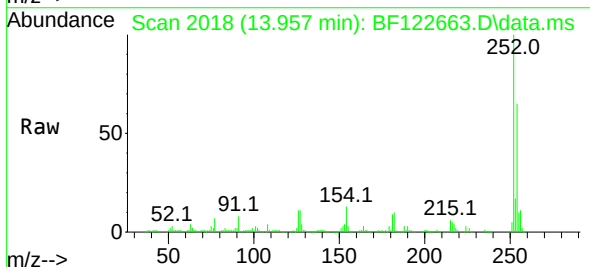
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

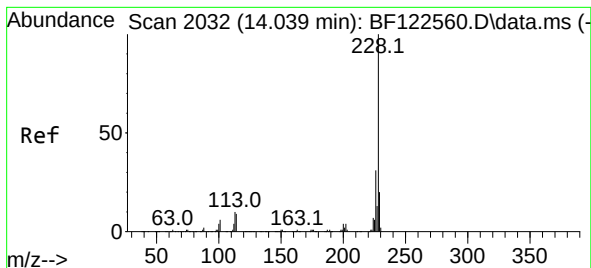
Tgt Ion:228 Resp: 1510137
Ion Ratio Lower Upper
228 100
226 28.0 23.0 34.4
229 20.3 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 27.45 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:252 Resp: 353325
Ion Ratio Lower Upper
252 100
254 64.9 52.7 79.1
126 11.3 8.0 12.0





#83

Chrysene

Concen: 42.07 ng

RT: 14.039 min Scan# 2032

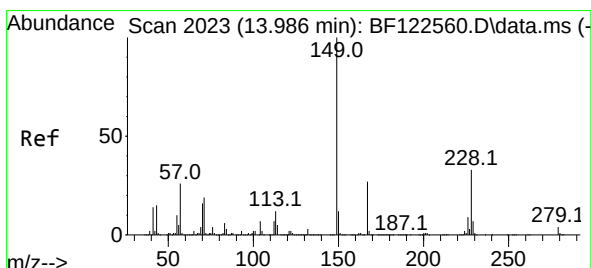
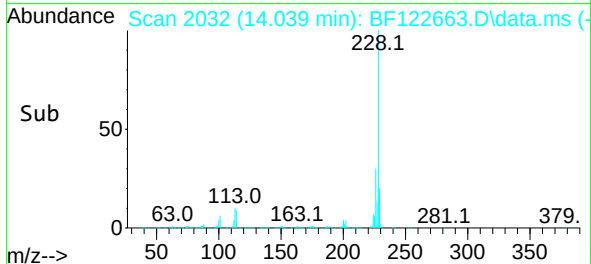
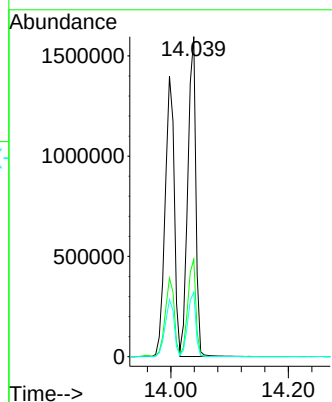
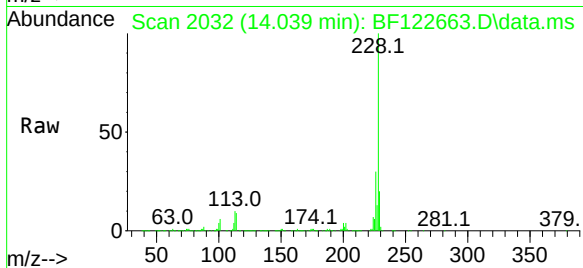
Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion:228 Resp: 1504606

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	20.1	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.94 ng

RT: 13.986 min Scan# 2023

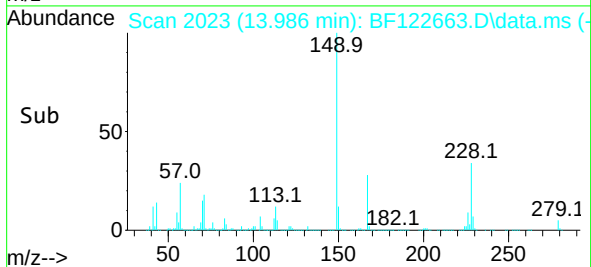
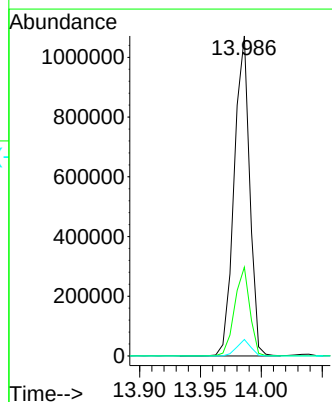
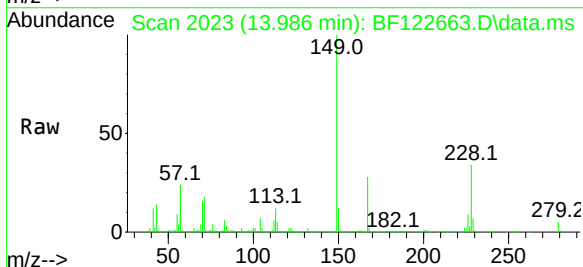
Delta R.T. -0.000 min

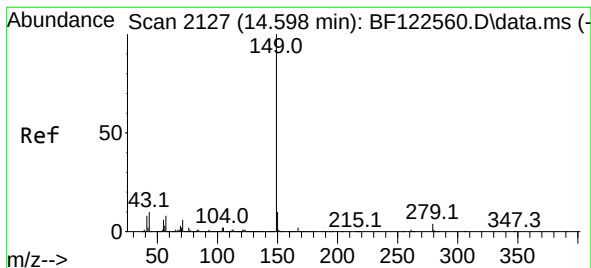
Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion:149 Resp: 947384

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.2
279	5.2	3.4	5.0#

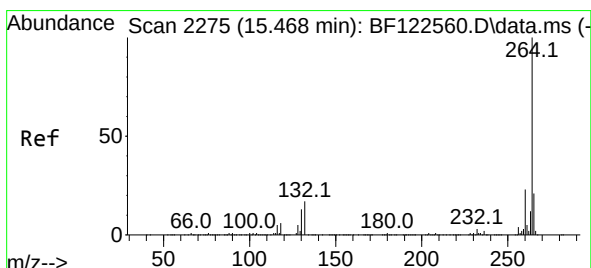
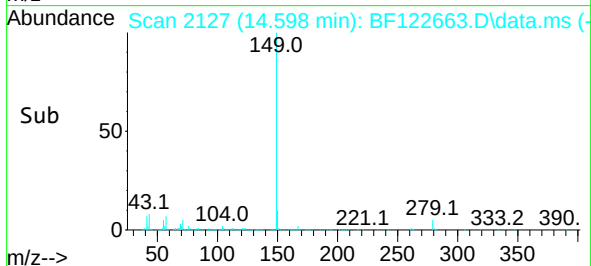
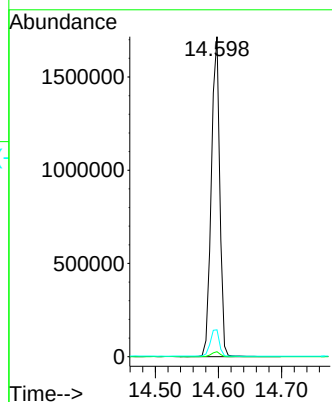
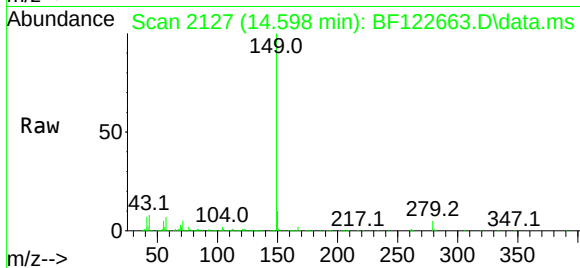




#85
Di-n-octyl phthalate
Concen: 37.29 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

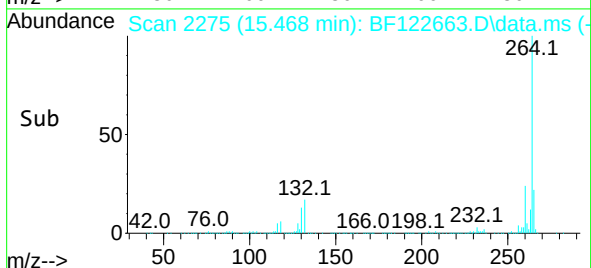
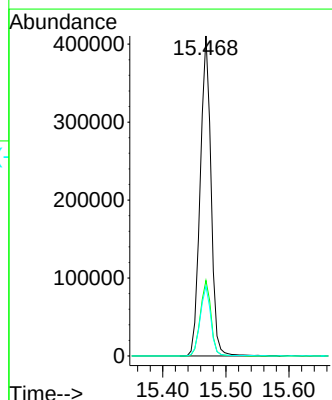
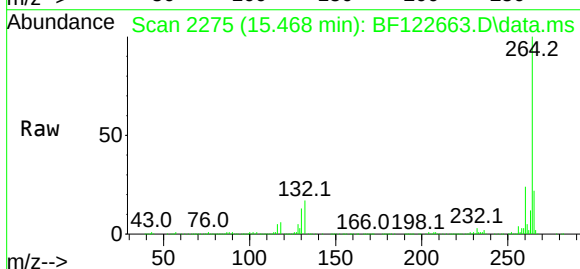
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

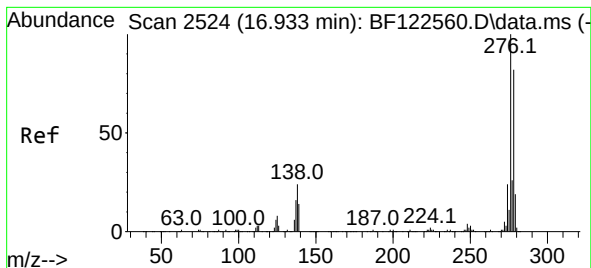
Tgt Ion:149 Resp: 1586461
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:264 Resp: 487847
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.74 ng

RT: 16.933 min Scan# 2524

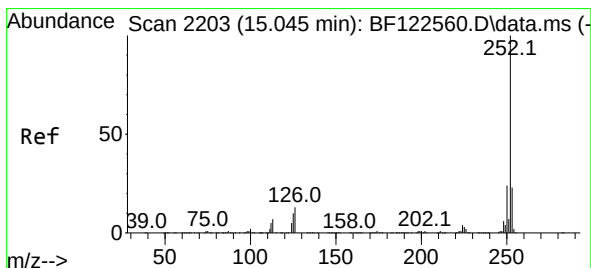
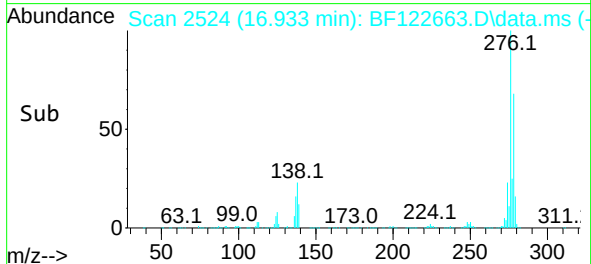
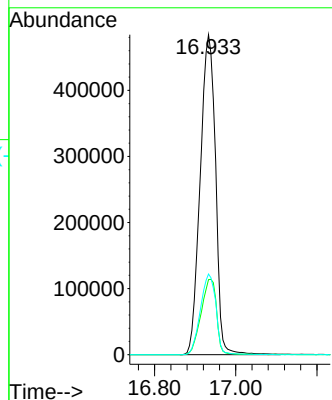
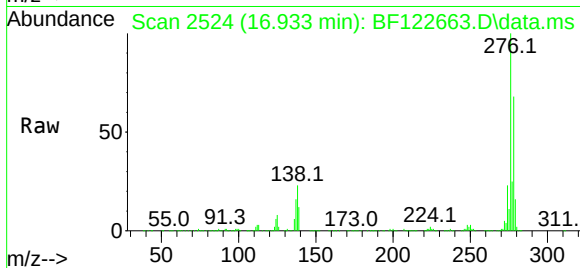
Delta R.T. -0.000 min

Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion:276 Resp: 1272659

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.7	28.1
277	25.4	20.2	30.4



#88

Benzo(b)fluoranthene

Concen: 44.11 ng

RT: 15.051 min Scan# 2204

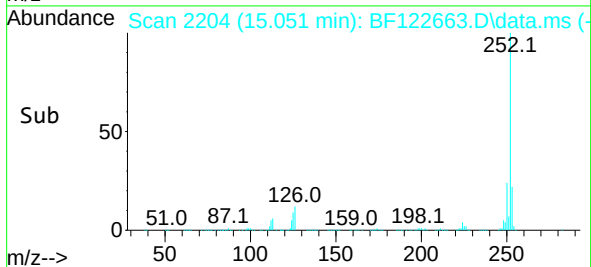
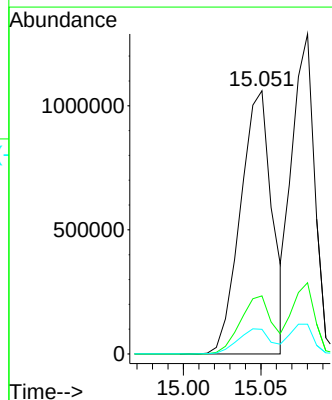
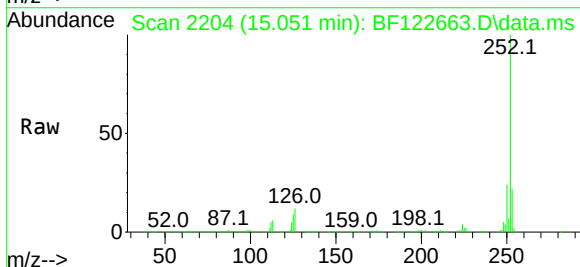
Delta R.T. 0.006 min

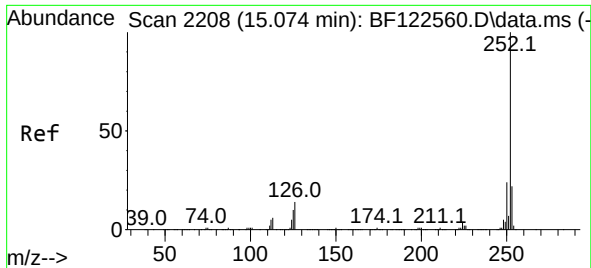
Lab File: BF122663.D

Acq: 11 Dec 2020 15:06

Tgt Ion:252 Resp: 1509940

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	9.4	8.1	12.1

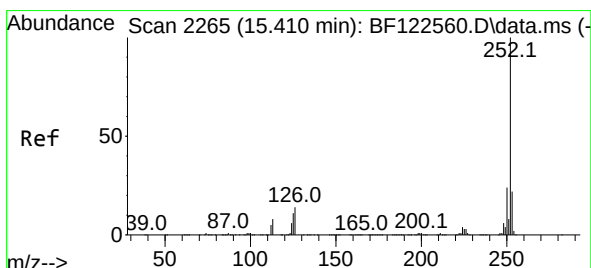
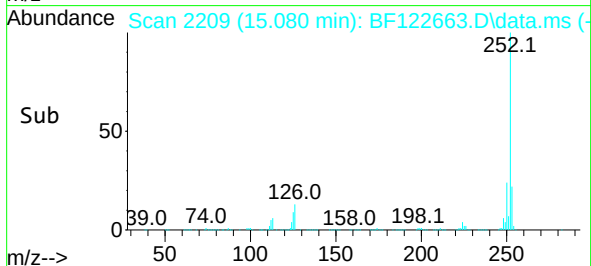
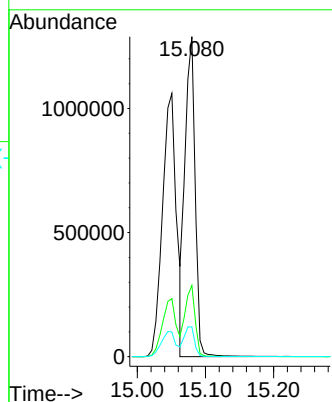
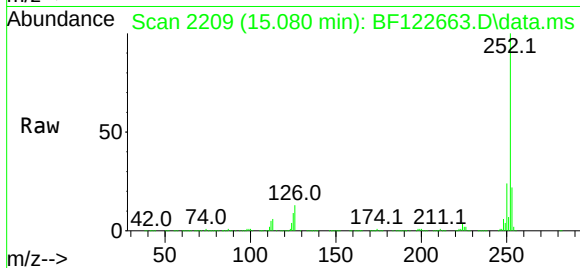




#89
Benzo(k)fluoranthene
Concen: 42.33 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

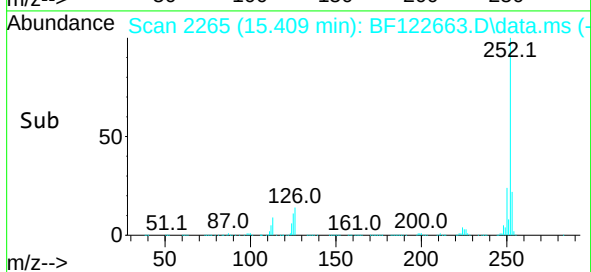
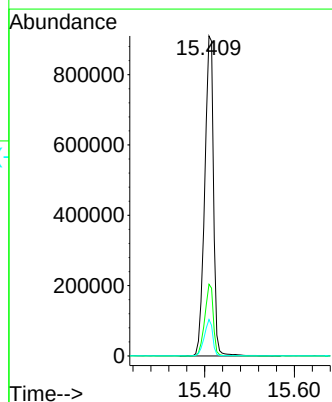
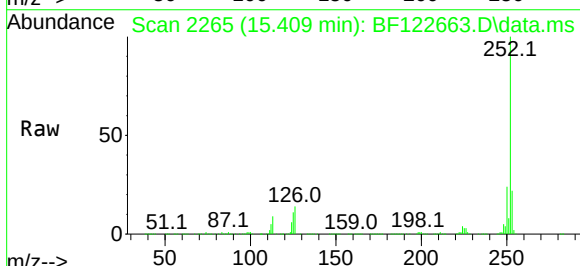
Instrument :
BNA_F
ClientSampleId :
CS-48MSD

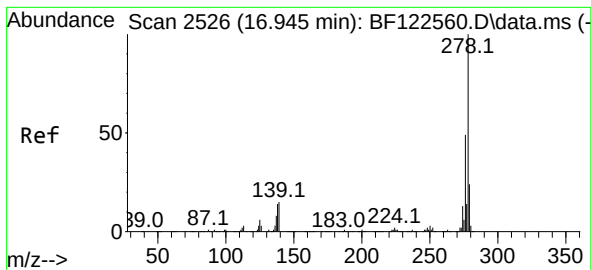
Tgt Ion:252 Resp: 1324683
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.28 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:252 Resp: 1236206
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.4 8.6 12.8

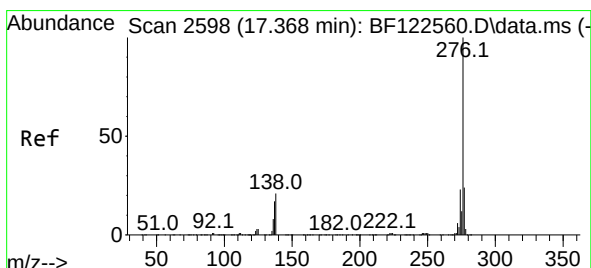
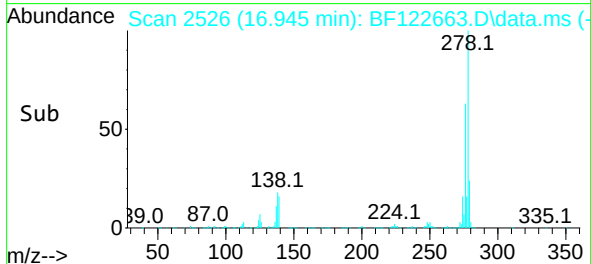
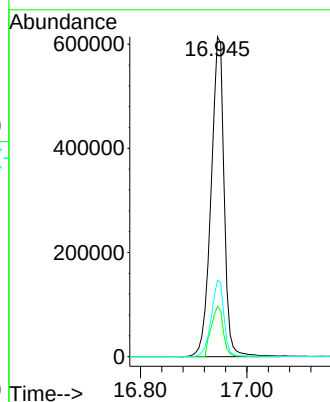
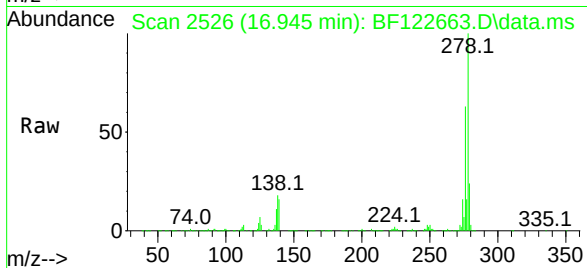




#91
Dibenzo(a,h)anthracene
Concen: 39.99 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Instrument :
BNA_F
ClientSampleId :
CS-48MSD

Tgt Ion:278 Resp: 1048061
Ion Ratio Lower Upper
278 100
139 15.7 12.0 18.0
279 23.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.61 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF122663.D
Acq: 11 Dec 2020 15:06

Tgt Ion:276 Resp: 1055426
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 19.9 16.6 24.8

