

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123283.D
 Acq On : 23 Feb 2021 16:24
 Operator : JU/CG
 Sample : M1452-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Feb 23 23:52:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110924	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	460985	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	243261	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	460080	20.00	ng	0.00
76) Chrysene-d12	14.045	240	376223	20.00	ng	0.00
86) Perylene-d12	15.515	264	312605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	811511	105.31	ng	0.00
7) Phenol-d6	6.498	99	1065985	101.82	ng	0.00
23) Nitrobenzene-d5	7.422	82	714747	70.98	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	264348	106.72	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1100504	64.98	ng	0.00
79) Terphenyl-d14	12.980	244	1210723	61.88	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	129152	29.04	ng	# 90
3) Pyridine	3.381	79	379548	35.03	ng	95
4) n-Nitrosodimethylamine	3.328	42	197784	39.47	ng	84
6) Aniline	6.522	93	287359	23.24	ng	95
8) 2-Chlorophenol	6.645	128	380237	45.92	ng	94
9) Benzaldehyde	6.404	77	146471	24.05	ng	91
10) Phenol	6.510	94	606910	53.19	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	374848	45.81	ng	96
12) 1,3-Dichlorobenzene	6.798	146	384228	44.62	ng	# 93
13) 1,4-Dichlorobenzene	6.875	146	393676	44.85	ng	95
14) 1,2-Dichlorobenzene	7.028	146	378252	46.33	ng	95
15) Benzyl Alcohol	7.004	79	376068	46.07	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	498435	44.40	ng	98
17) 2-Methylphenol	7.116	107	318357	45.72	ng	94
18) Hexachloroethane	7.369	117	152274	48.03	ng	91
19) n-Nitroso-di-n-propyla...	7.275	70	290465	46.63	ng	95
20) 3+4-Methylphenols	7.269	107	401457	43.90	ng	# 85
22) Acetophenone	7.269	105	538505	45.03	ng	# 91
24) Nitrobenzene	7.439	77	451364	42.51	ng	89
25) Isophorone	7.681	82	791329	42.02	ng	95
26) 2-Nitrophenol	7.757	139	203697	45.80	ng	# 87
27) 2,4-Dimethylphenol	7.798	122	318090	46.20	ng	93
28) bis(2-Chloroethoxy)met...	7.892	93	475498	48.25	ng	100
29) 2,4-Dichlorophenol	8.004	162	312411	43.95	ng	96
30) 1,2,4-Trichlorobenzene	8.086	180	338492	43.79	ng	100
31) Naphthalene	8.163	128	1073185	42.48	ng	99
32) Benzoic acid	7.934	122	238209	46.90	ng	# 84
33) 4-Chloroaniline	8.210	127	87087	8.47	ng	# 91
34) Hexachlorobutadiene	8.281	225	184488	42.32	ng	99
35) Caprolactam	8.586	113	72044	30.20	ng	87
36) 4-Chloro-3-methylphenol	8.704	107	387042	45.80	ng	90
37) 2-Methylnaphthalene	8.857	142	732440	43.52	ng	99
38) 1-Methylnaphthalene	8.957	142	685952	43.58	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	320282	44.06	ng	# 97
41) Hexachlorocyclopentadiene	9.016	237	327201	96.08	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	222216	43.10	ng	92

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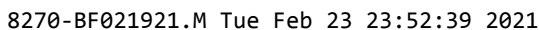
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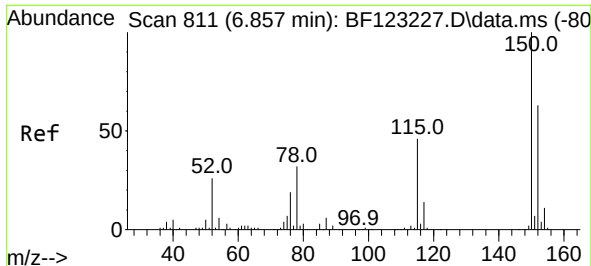
Quant Time: Feb 23 23:52:29 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	240464	43.59	ng	# 92
46) 1,1'-Biphenyl	9.322	154	889792	44.09	ng	100
47) 2-Chloronaphthalene	9.351	162	680420	42.73	ng	100
48) 2-Nitroaniline	9.445	65	259898	45.56	ng	# 79
49) Acenaphthylene	9.763	152	1053136	43.61	ng	100
50) Dimethylphthalate	9.628	163	854655	46.98	ng	100
51) 2,6-Dinitrotoluene	9.686	165	186185	44.41	ng	# 76
52) Acenaphthene	9.939	154	657781	39.50	ng	98
53) 3-Nitroaniline	9.857	138	95136	20.45	ng	90
54) 2,4-Dinitrophenol	9.963	184	187015	84.92	ng	# 77
55) Dibenzofuran	10.110	168	950755	42.17	ng	95
56) 4-Nitrophenol	10.028	139	322983	87.10	ng	# 63
57) 2,4-Dinitrotoluene	10.092	165	253439	44.95	ng	# 87
58) Fluorene	10.457	166	769751	43.38	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	200341	45.52	ng	# 86
60) Diethylphthalate	10.328	149	811792	45.07	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	371471	43.98	ng	98
62) 4-Nitroaniline	10.475	138	192314	41.06	ng	86
63) Azobenzene	10.604	77	871915	42.01	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	136775	44.16	ng	93
66) n-Nitrosodiphenylamine	10.563	169	669838	42.10	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	221230	44.11	ng	# 87
68) Hexachlorobenzene	11.004	284	235870	44.64	ng	93
69) Atrazine	11.092	200	197902	39.36	ng	98
70) Pentachlorophenol	11.198	266	286726	85.94	ng	99
71) Phenanthrene	11.422	178	1182129	43.45	ng	99
72) Anthracene	11.469	178	1214257	44.73	ng	100
73) Carbazole	11.627	167	1067596	41.76	ng	99
74) Di-n-butylphthalate	11.957	149	1282296	44.86	ng	99
75) Fluoranthene	12.610	202	1293074	44.84	ng	99
77) Benzidine	12.727	184	355788	29.28	ng	99
78) Pyrene	12.839	202	1308493	44.55	ng	99
80) Butylbenzylphthalate	13.457	149	561966	45.26	ng	88
81) Benzo(a)anthracene	14.033	228	1114224	43.58	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	224635	26.43	ng	# 97
83) Chrysene	14.074	228	1079284	42.98	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	768629	44.97	ng	99
85) Di-n-octyl phthalate	14.639	149	1288563	44.12	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	900853	41.70	ng	98
88) Benzo(b)fluoranthene	15.092	252	1045575	47.62	ng	98
89) Benzo(k)fluoranthene	15.121	252	960987	48.28	ng	99
90) Benzo(a)pyrene	15.457	252	879381	44.92	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	748433	40.38	ng	98
92) Benzo(g,h,i)perylene	17.451	276	717520	42.03	ng	98

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

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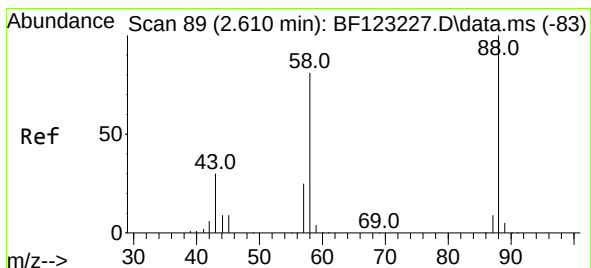
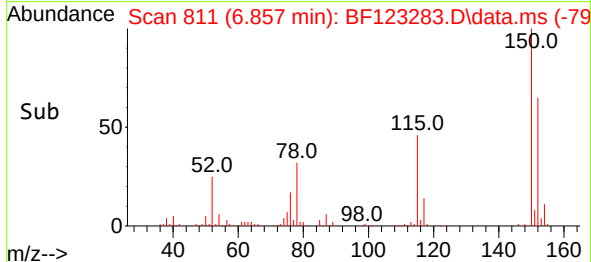
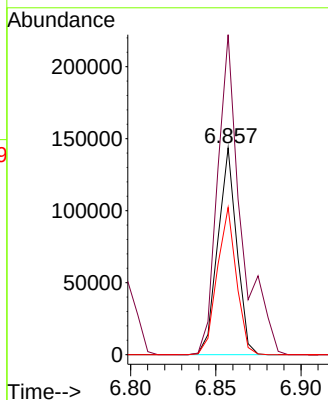
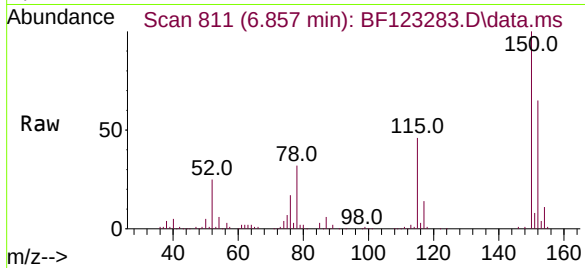




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123283.D
 Acq: 23 Feb 2021 16:24

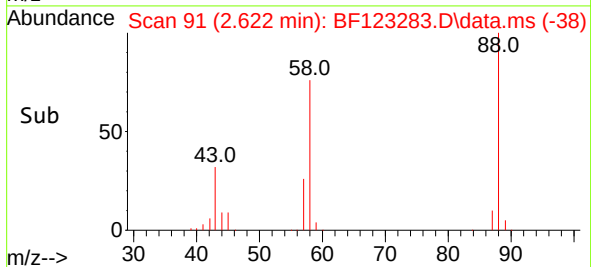
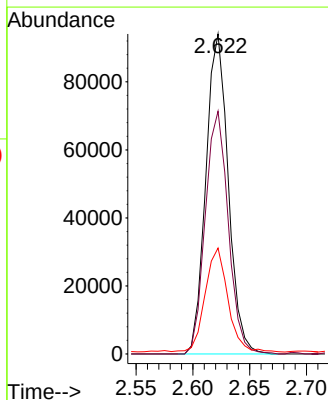
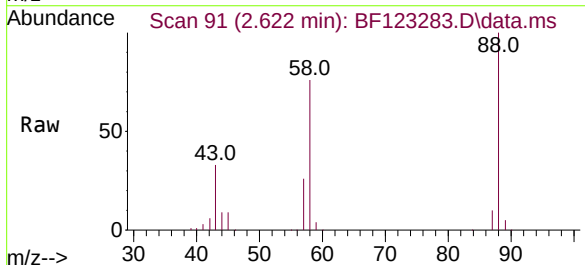
Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

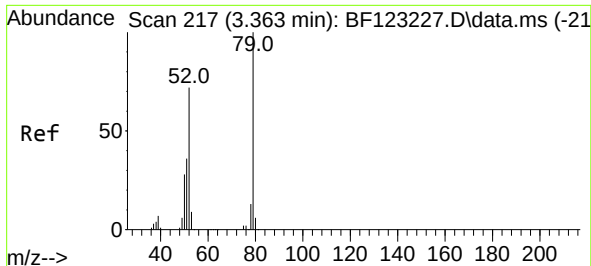
Tgt Ion:152 Resp: 110924
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.8 188.6
 115 71.1 49.3 73.9



#2
 1,4-Dioxane
 Concen: 29.04 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: BF123283.D
 Acq: 23 Feb 2021 16:24

Tgt Ion: 88 Resp: 129152
 Ion Ratio Lower Upper
 88 100
 58 77.7 56.2 84.2
 43 33.1 21.8 32.6#

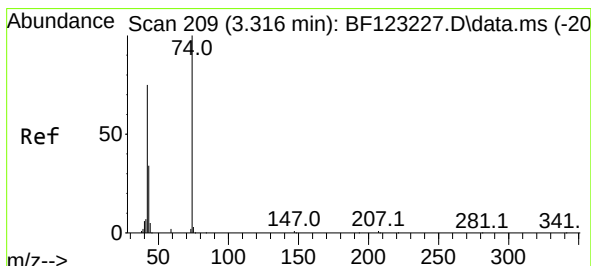
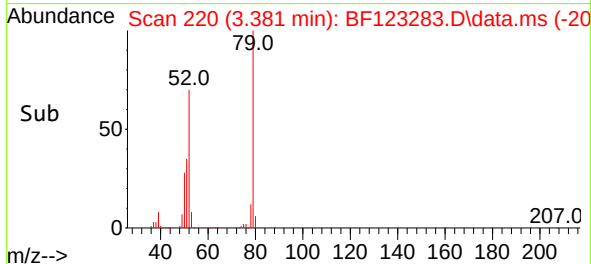
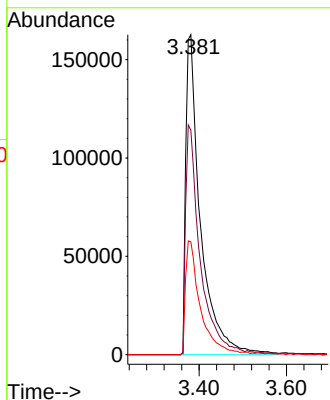
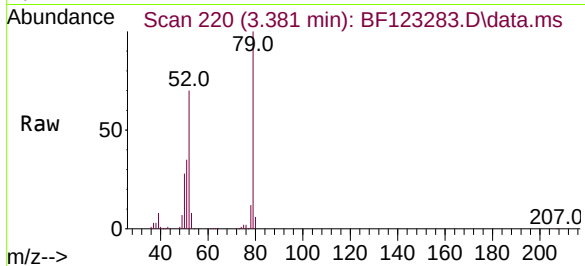




#3
Pyridine
Concen: 35.03 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.018 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

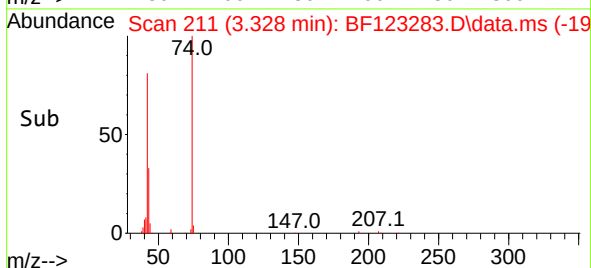
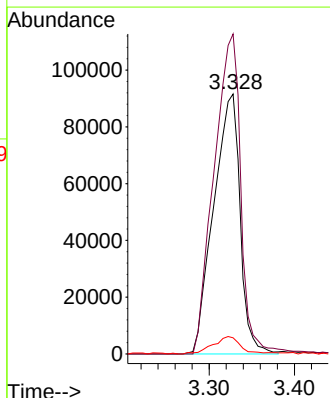
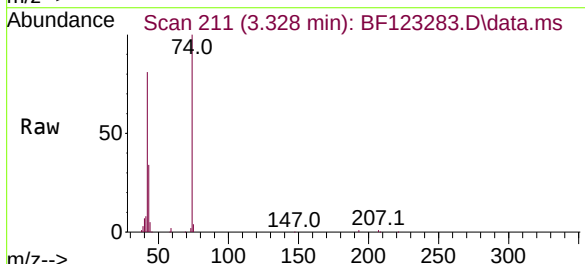
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

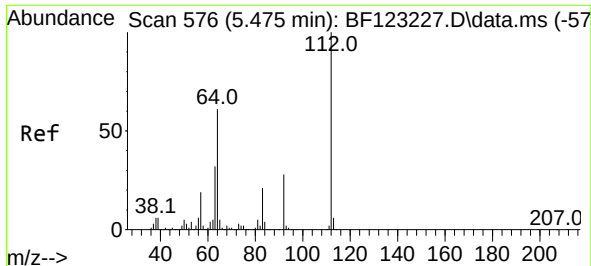
Tgt Ion: 79 Resp: 379548
Ion Ratio Lower Upper
79 100
52 70.2 53.0 79.4
51 35.3 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 39.47 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion: 42 Resp: 197784
Ion Ratio Lower Upper
42 100
74 123.1 115.2 172.8
44 6.2 5.4 8.0

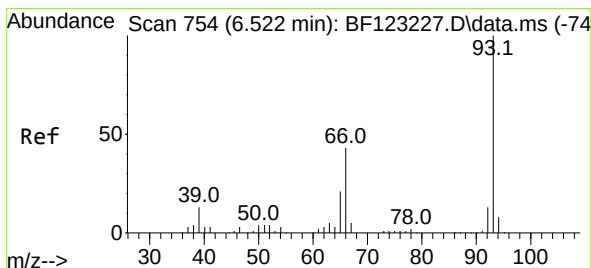
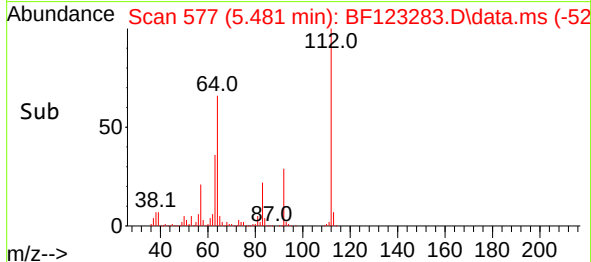
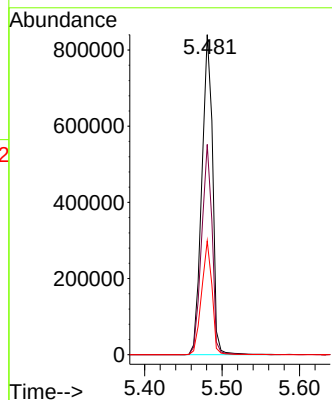
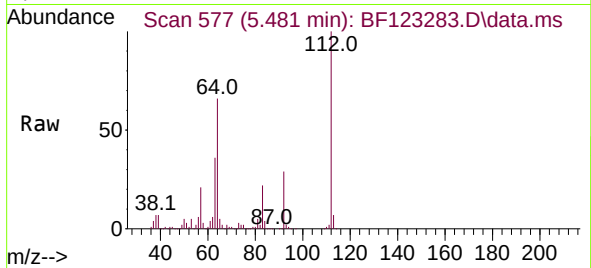




#5
2-Fluorophenol
Concen: 105.31 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

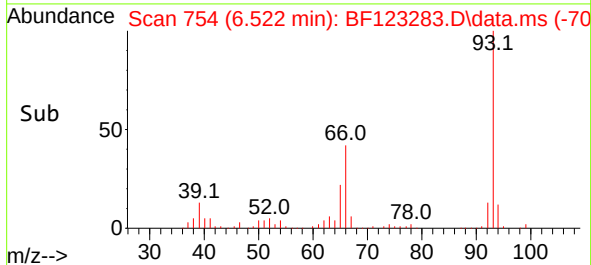
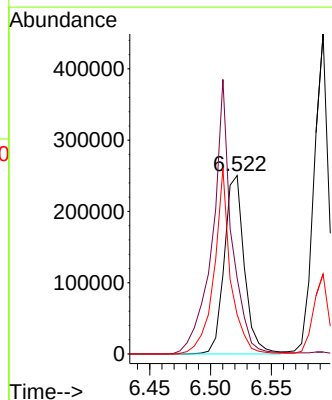
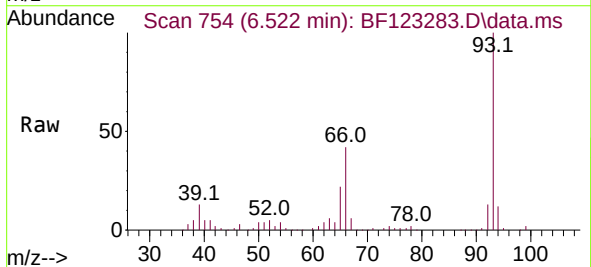
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BNA_F
ClientSampleId :
TP-4MSD

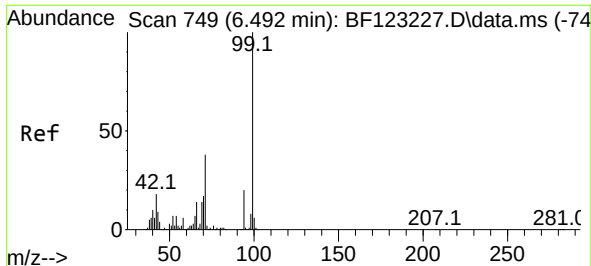
Tgt Ion:112 Resp: 811511
Ion Ratio Lower Upper
112 100
64 65.7 46.9 70.3
63 35.5 24.5 36.7



#6
Aniline
Concen: 23.24 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion: 93 Resp: 287359
Ion Ratio Lower Upper
93 100
66 42.5 31.3 46.9
65 21.9 15.6 23.4



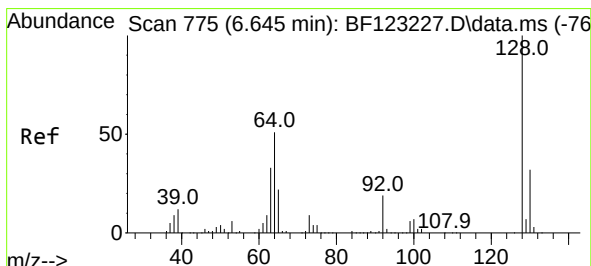
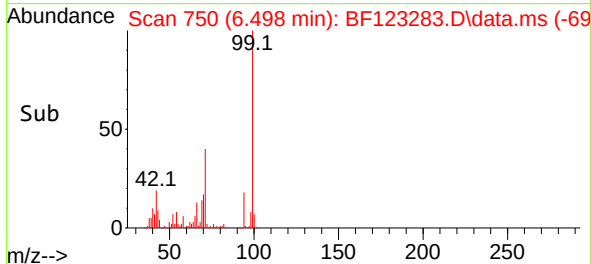
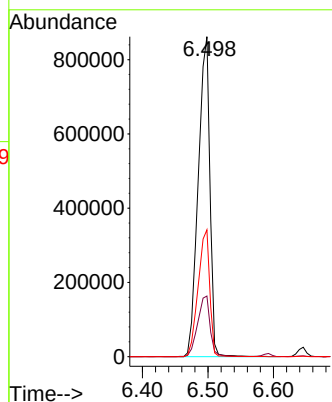
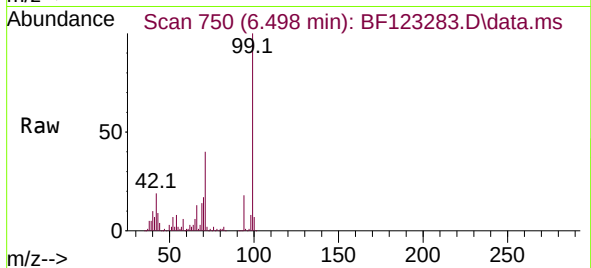


#7
Phenol-d6
Concen: 101.82 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 99 Resp: 1065985

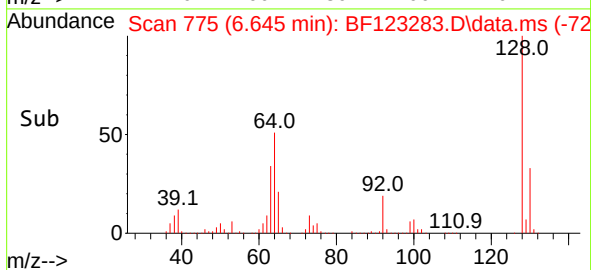
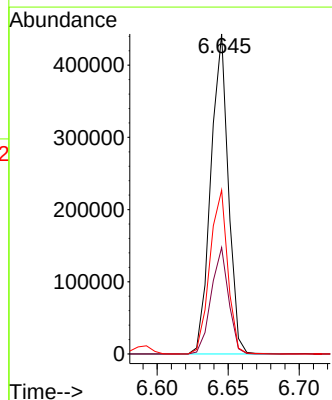
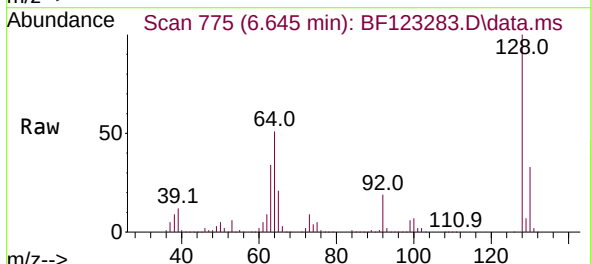
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.8	20.6
71	39.7	26.9	40.3

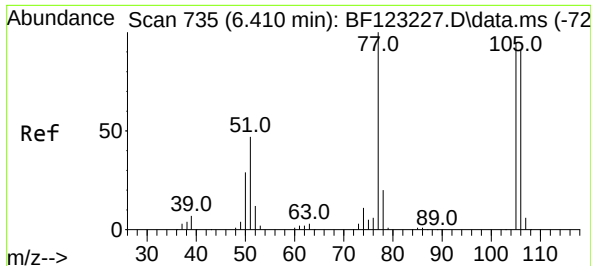


#8
2-Chlorophenol
Concen: 45.92 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion: 128 Resp: 380237

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	51.2	25.5	65.5

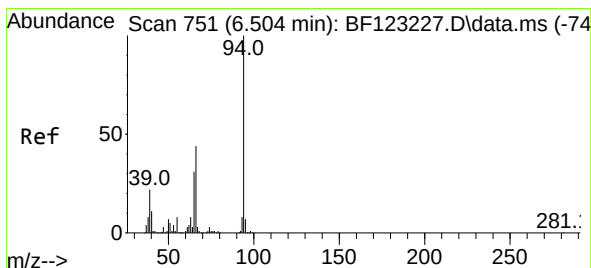
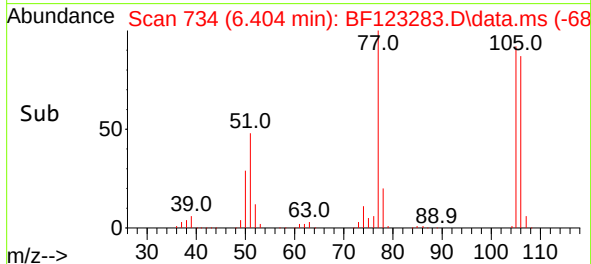
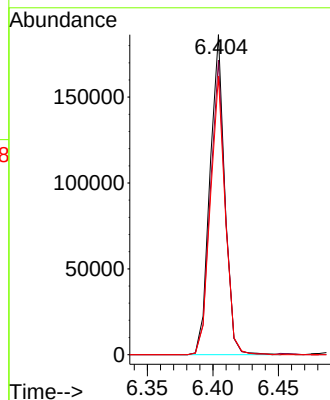
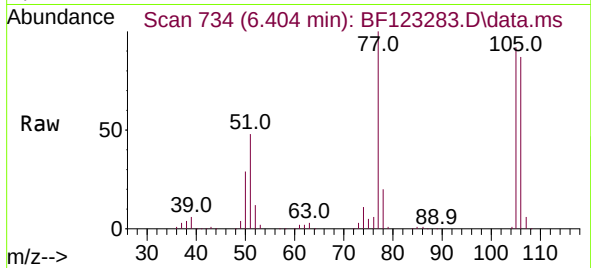




#9
Benzaldehyde
Concen: 24.05 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

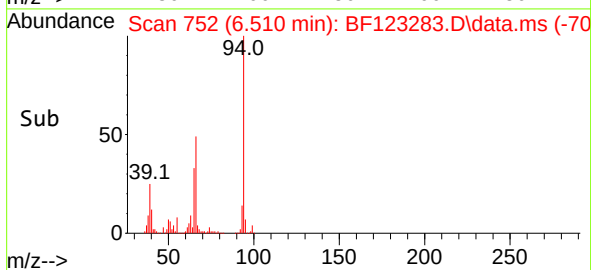
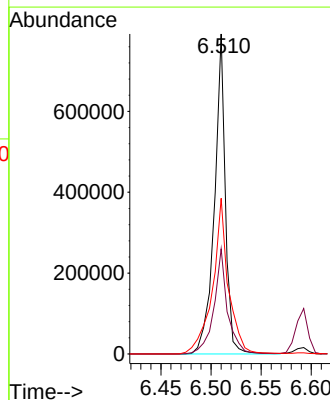
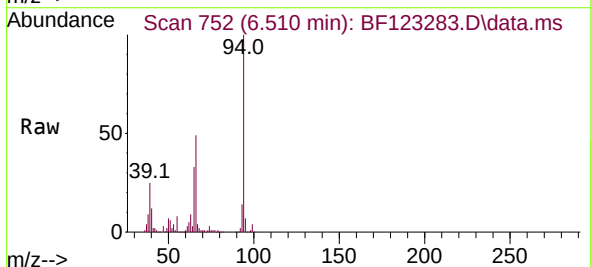
Instrument :
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ClientSampleId :
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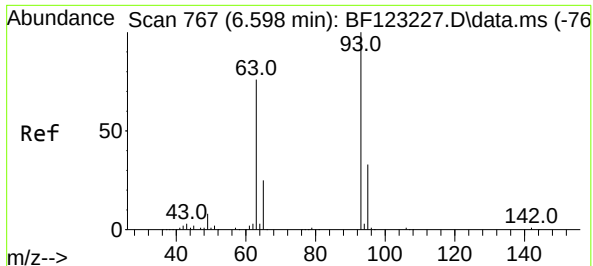
Tgt Ion: 77 Resp: 146471
Ion Ratio Lower Upper
77 100
105 92.0 80.6 120.6
106 87.1 77.2 117.2



#10
Phenol
Concen: 53.19 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion: 94 Resp: 606910
Ion Ratio Lower Upper
94 100
65 32.8 11.2 51.2
66 48.7 25.8 65.8

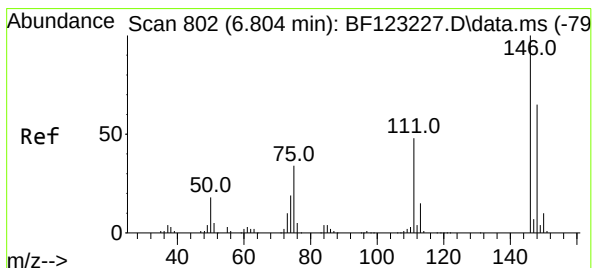
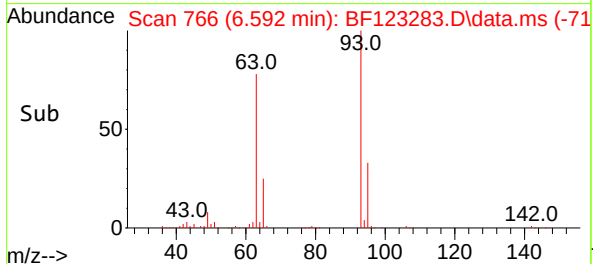
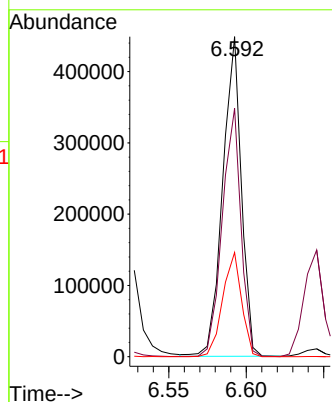
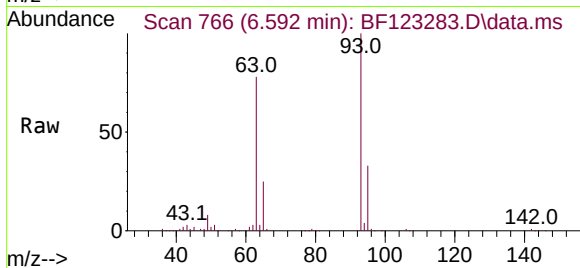




#11
bis(2-Chloroethyl)ether
Concen: 45.81 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

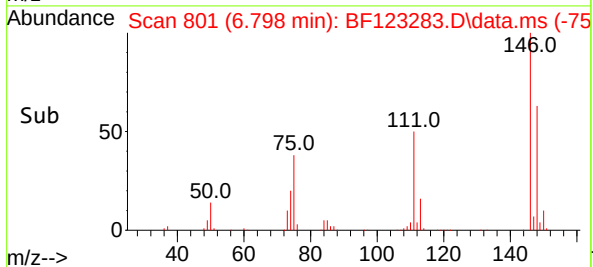
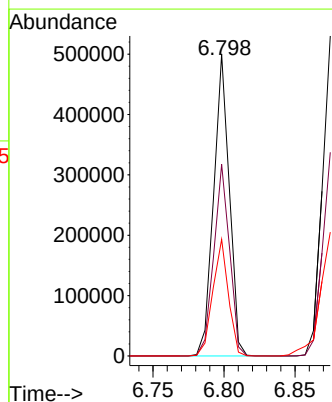
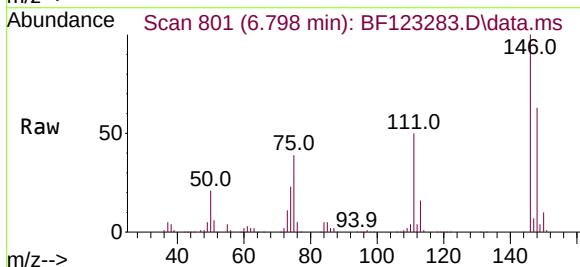
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

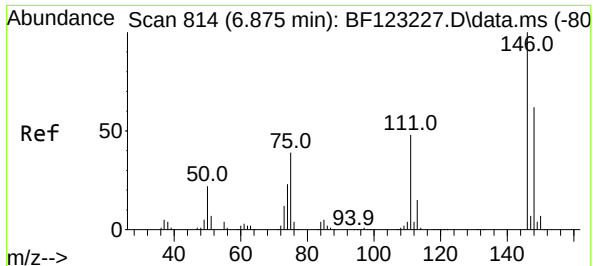
Tgt Ion: 93 Resp: 374848
Ion Ratio Lower Upper
93 100
63 77.6 52.6 92.6
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.62 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:146 Resp: 384228
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 38.6 22.5 33.7#





#13

1,4-Dichlorobenzene

Concen: 44.85 ng

RT: 6.875 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

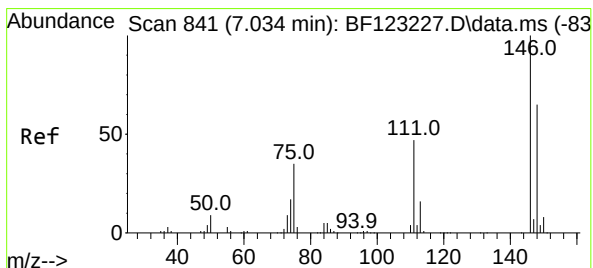
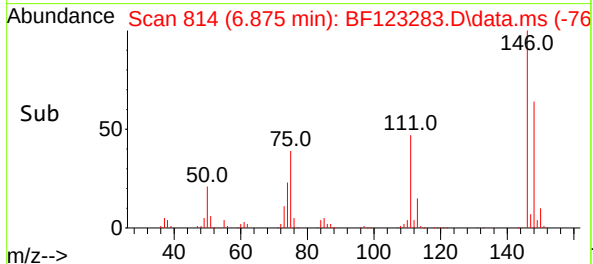
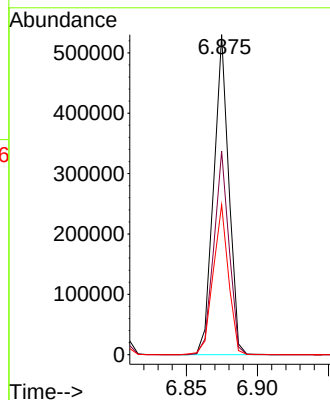
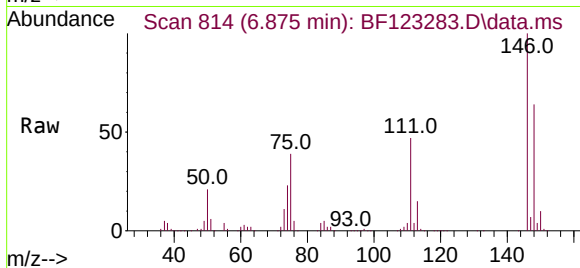
Tgt Ion:146 Resp: 393676

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

111 46.9 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 46.33 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

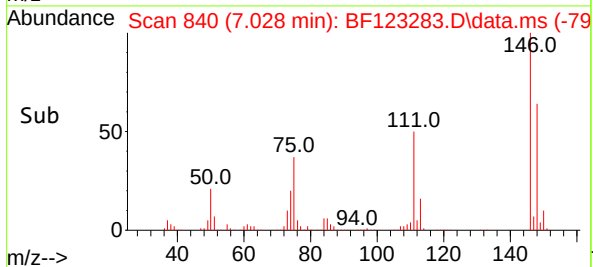
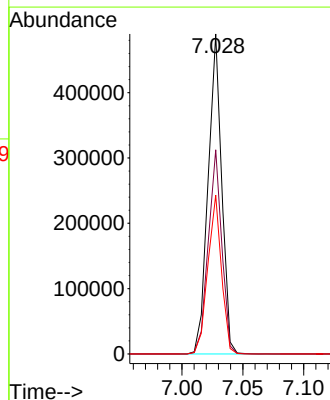
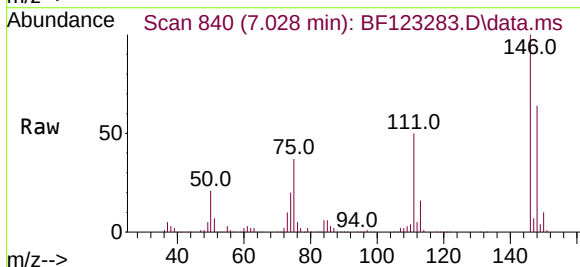
Tgt Ion:146 Resp: 378252

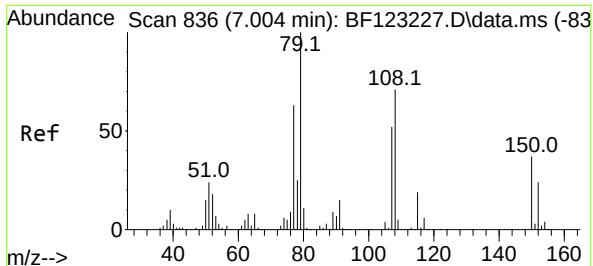
Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

111 49.7 34.2 51.2





#15

Benzyl Alcohol

Concen: 46.07 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion: 79 Resp: 376068

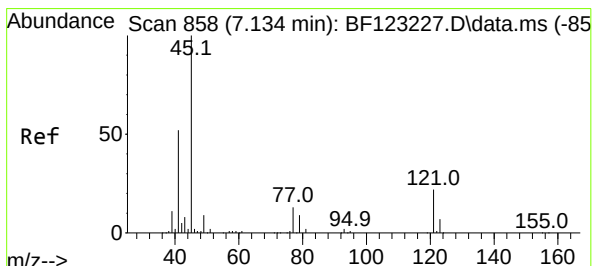
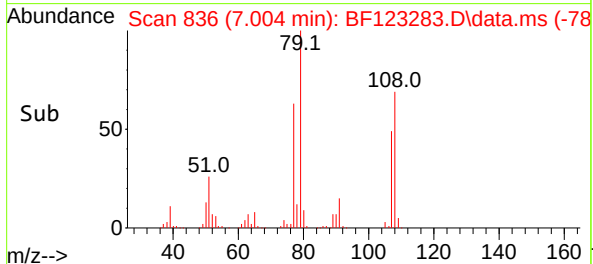
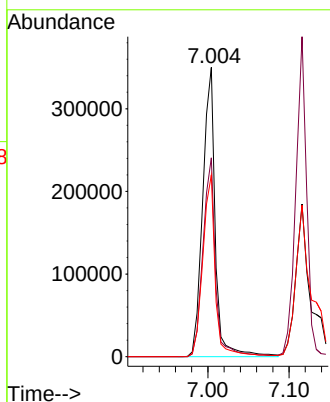
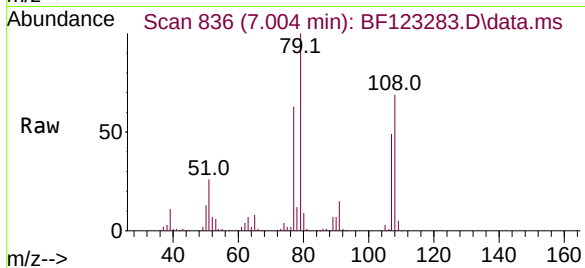
Ion	Ratio	Lower	Upper
79	100		
108	68.8	62.4	93.6
77	62.8	49.0	73.6

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.40 ng

RT: 7.134 min Scan# 858

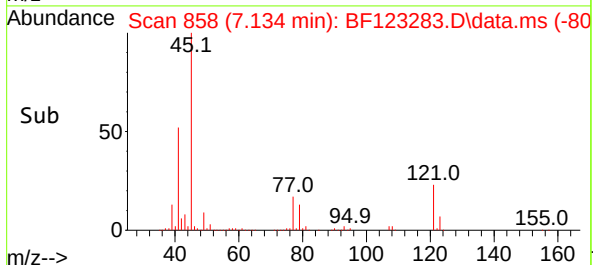
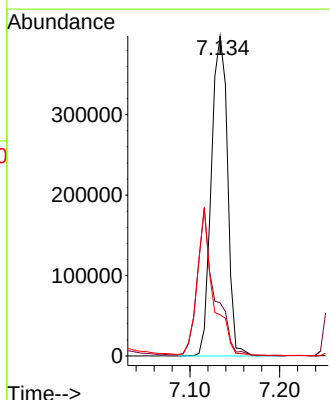
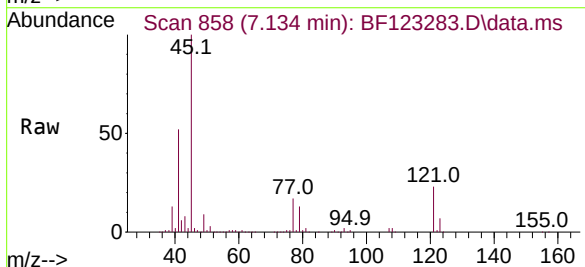
Delta R.T. 0.000 min

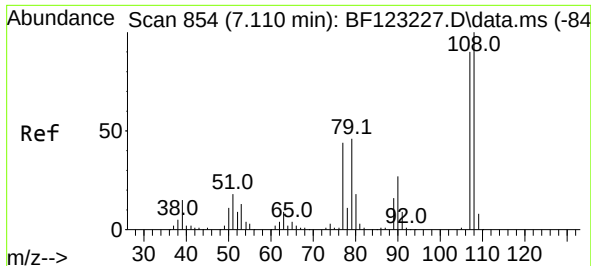
Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion: 45 Resp: 498435

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	35.6
79	12.8	0.0	32.4

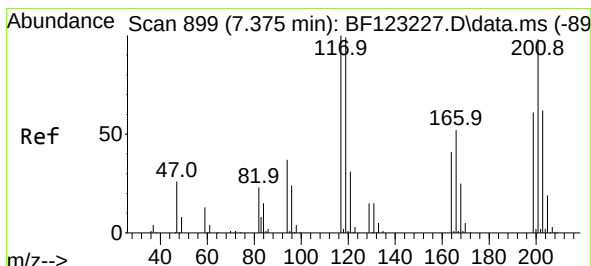
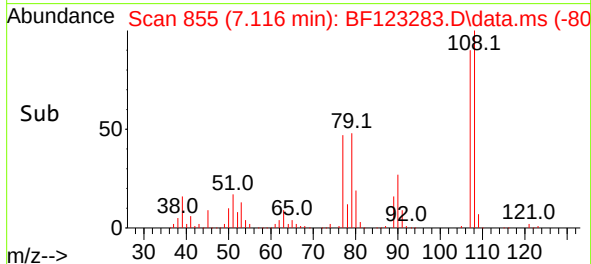
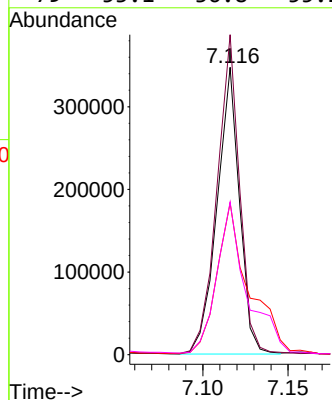
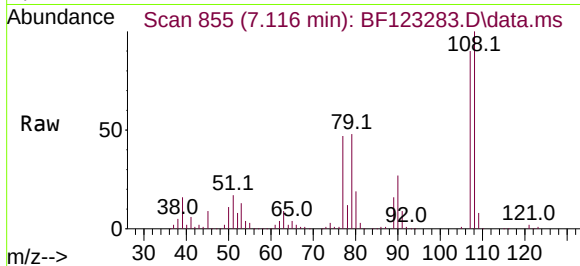




#17
2-Methylphenol
Concen: 45.72 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

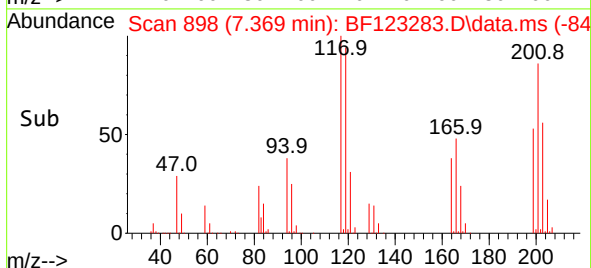
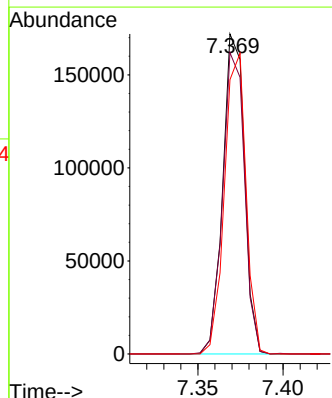
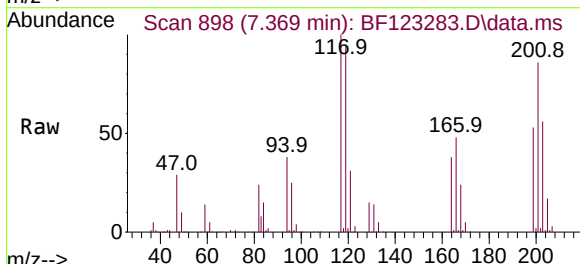
Instrument :
BNA_F
ClientSampled :
TP-4MSD

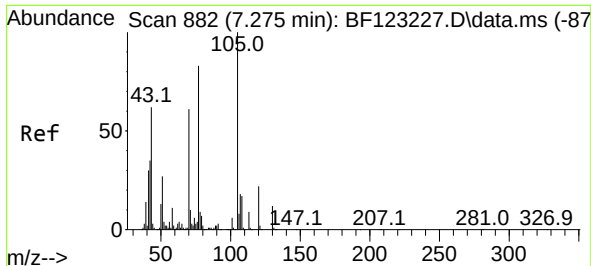
Tgt Ion:	107	Resp:	318357
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.1	136.7
77	52.8	36.3	54.5
79	53.1	36.8	55.2



#18
Hexachloroethane
Concen: 48.03 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	117	Resp:	152274
Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.4	117.6
201	85.7	79.6	119.4

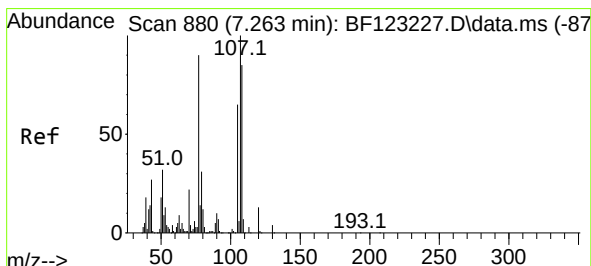
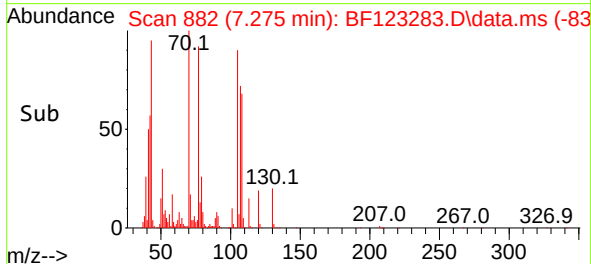
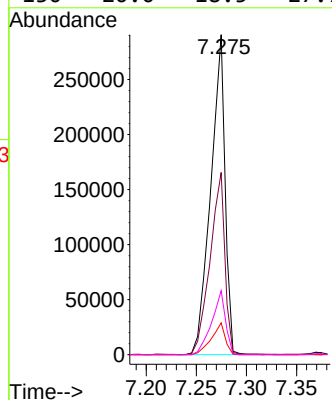
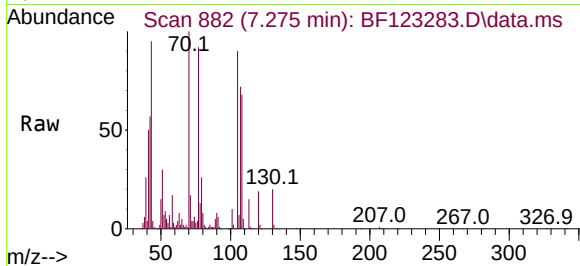




#19
n-Nitroso-di-n-propylamine
Concen: 46.63 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

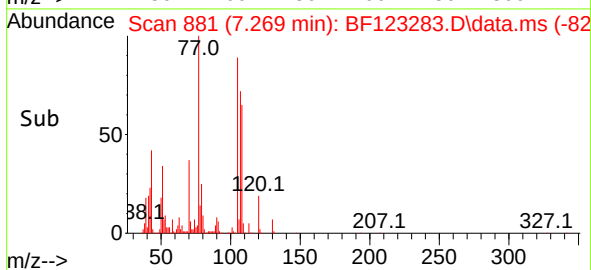
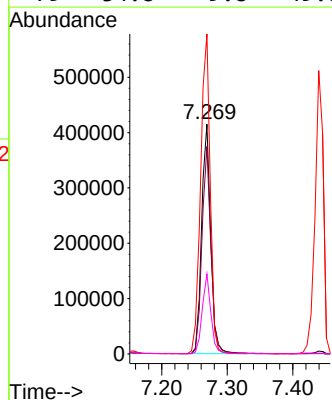
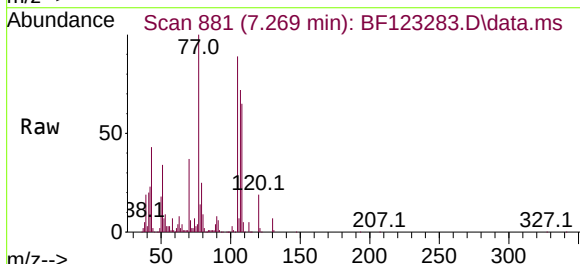
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

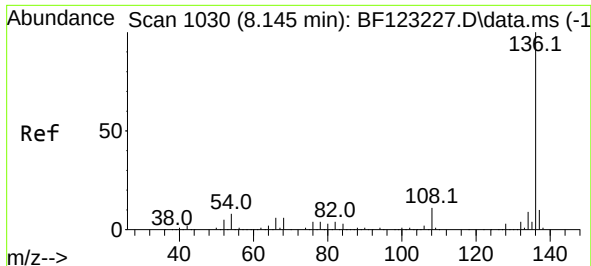
Tgt Ion:	70	Resp:	290465
Ion	Ratio	Lower	Upper
70	100		
42	56.9	43.0	64.4
101	10.0	7.9	11.9
130	20.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 43.90 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	107	Resp:	401457
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.7	108.7
77	139.3	89.8	129.8#
79	34.8	9.8	49.8

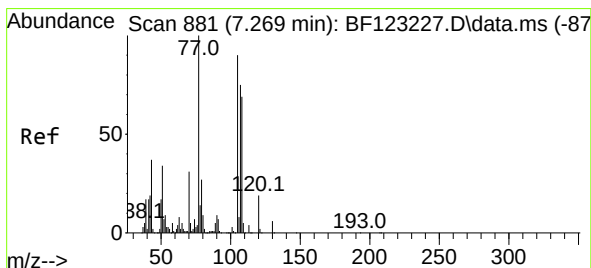
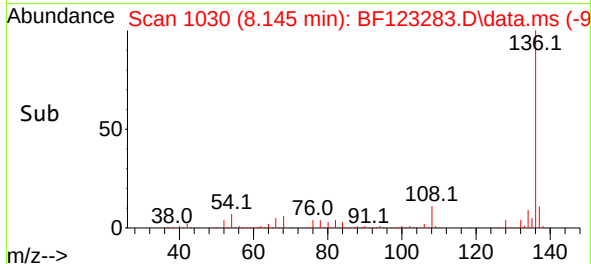
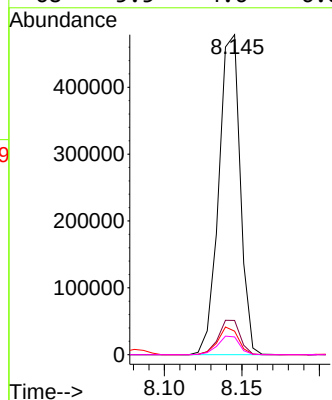
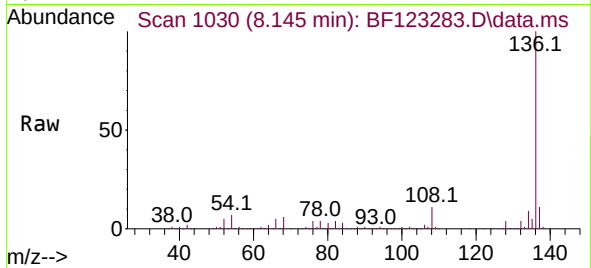




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

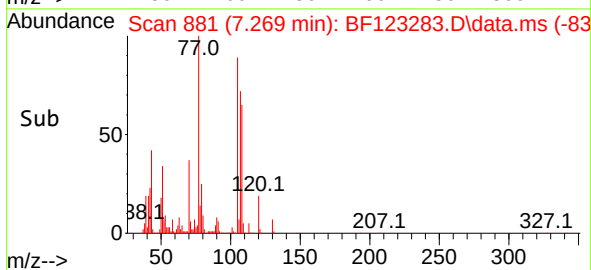
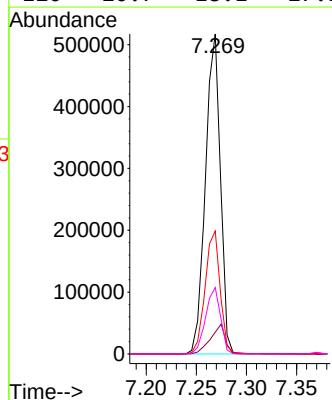
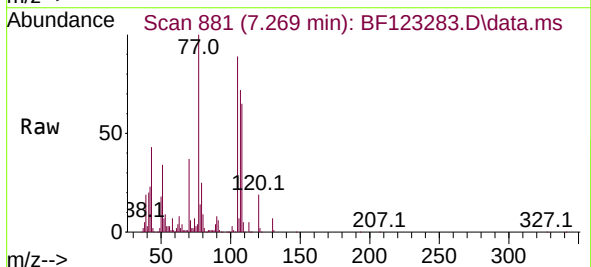
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

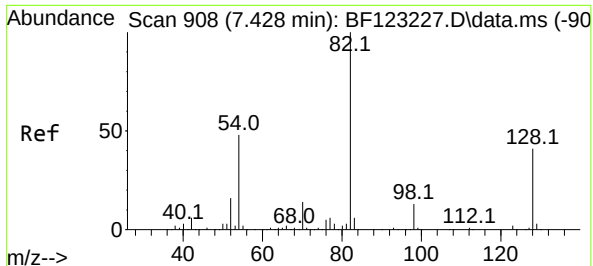
Tgt Ion:	136	Resp:	460985
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	7.3	5.5	8.3
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 45.03 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	105	Resp:	538505
Ion Ratio	Lower	Upper	
105	100		
71	6.8	6.5	9.7
51	38.5	24.3	36.5#
120	20.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 70.98 ng

RT: 7.422 min Scan# 907

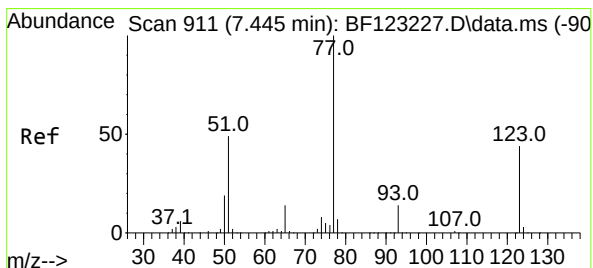
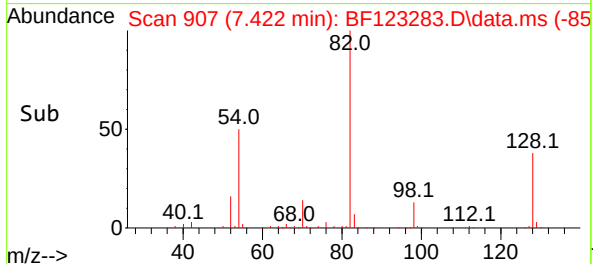
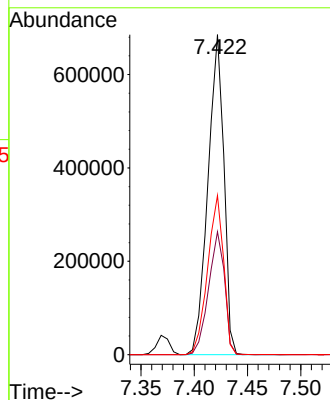
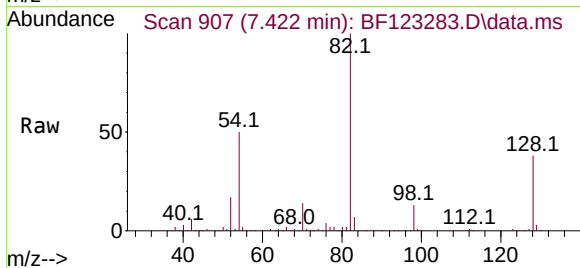
Delta R.T. -0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion: 82 Resp: 714747

Ion	Ratio	Lower	Upper
82	100		
128	38.4	37.0	55.4
54	49.7	38.4	57.6



#24

Nitrobenzene

Concen: 42.51 ng

RT: 7.439 min Scan# 910

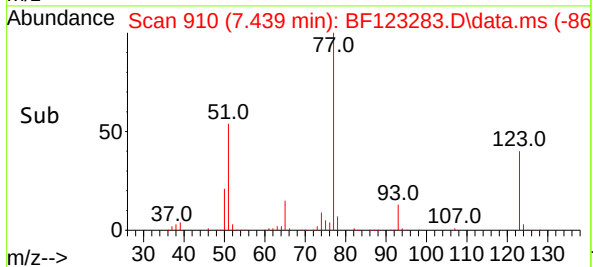
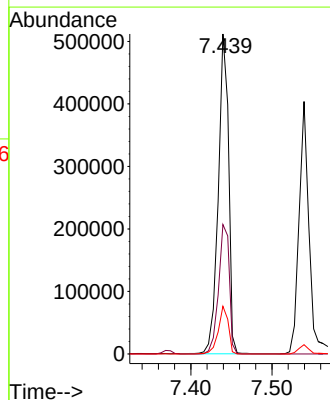
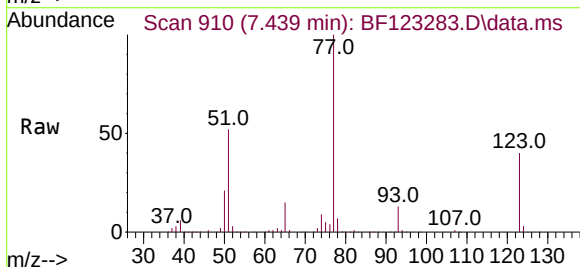
Delta R.T. -0.006 min

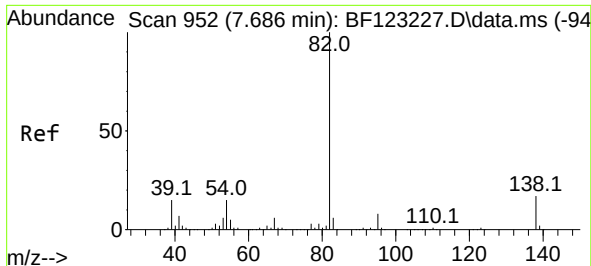
Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion: 77 Resp: 451364

Ion	Ratio	Lower	Upper
77	100		
123	40.5	39.3	58.9
65	14.9	10.6	15.8

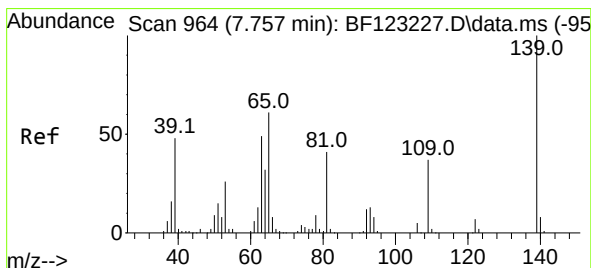
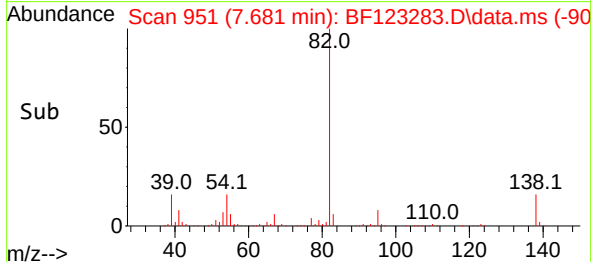
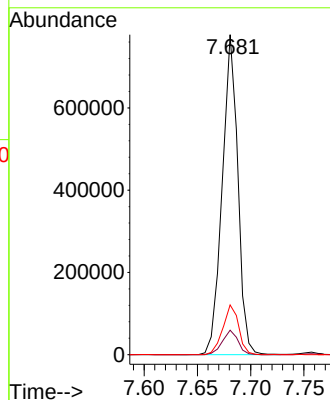
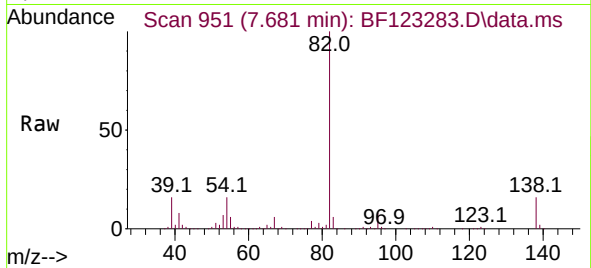




#25
Isophorone
Concen: 42.02 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

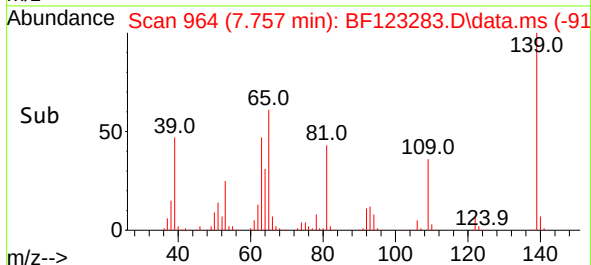
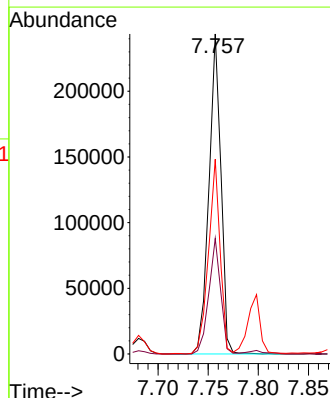
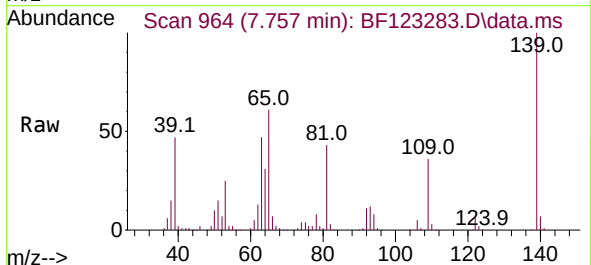
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

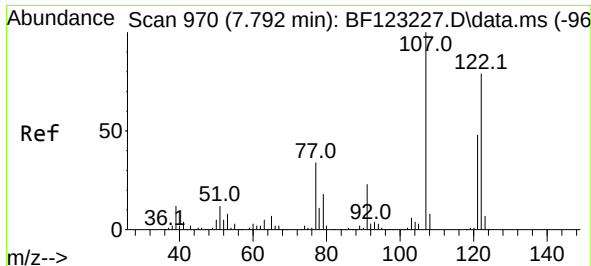
Tgt Ion: 82 Resp: 791329
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 15.5 14.6 21.8



#26
2-Nitrophenol
Concen: 45.80 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:139 Resp: 203697
Ion Ratio Lower Upper
139 100
109 36.1 24.0 36.0#
65 60.9 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.20 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

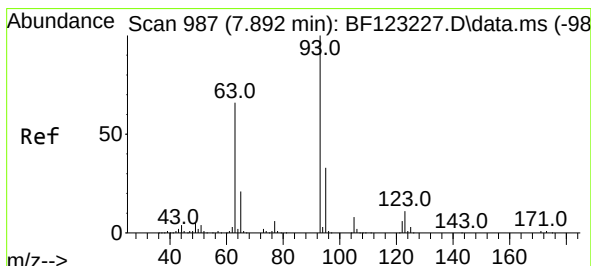
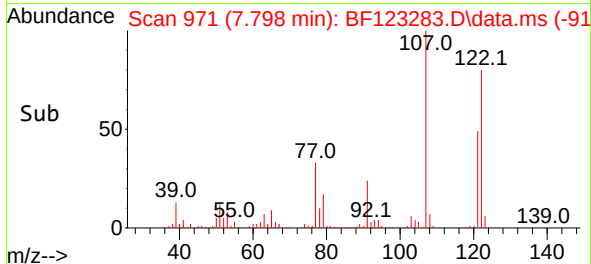
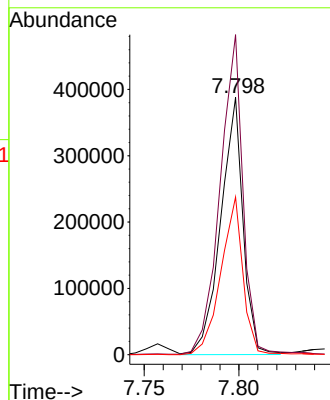
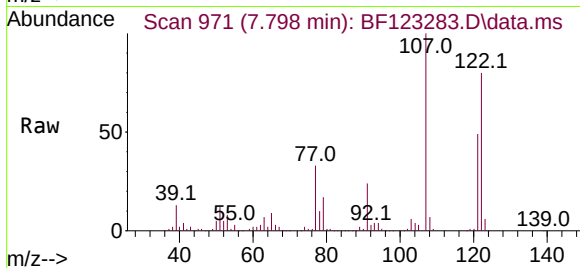
Tgt Ion:122 Resp: 318090

Ion Ratio Lower Upper

122 100

107 124.4 91.8 137.8

121 61.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 48.25 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

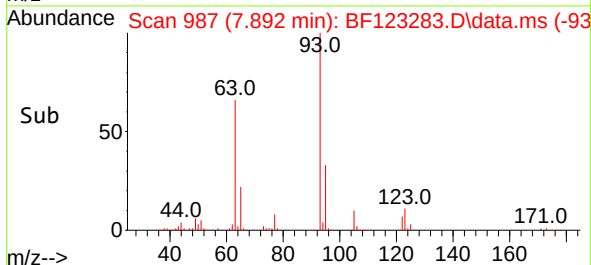
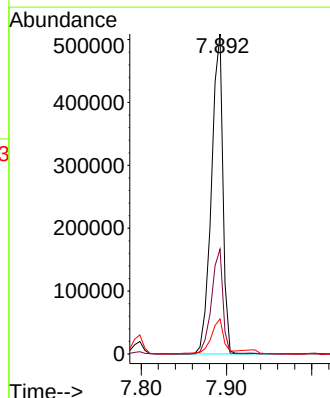
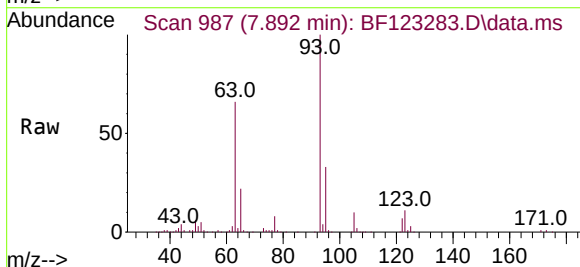
Tgt Ion: 93 Resp: 475498

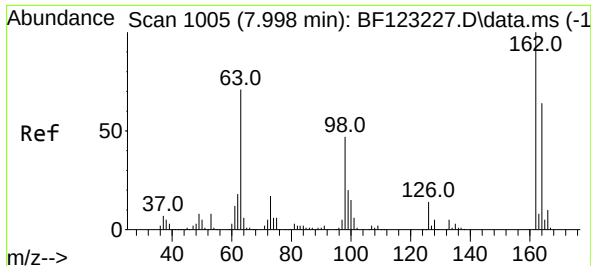
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.0 9.2 13.8

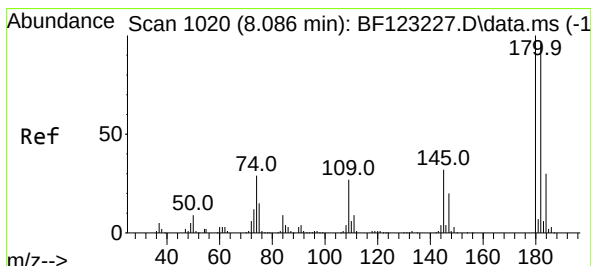
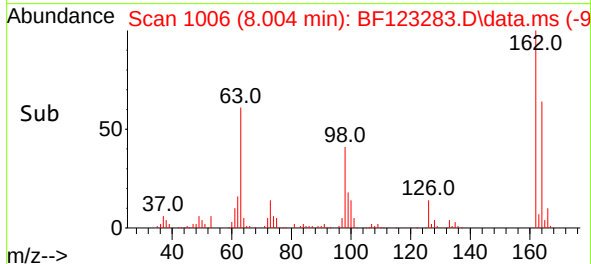
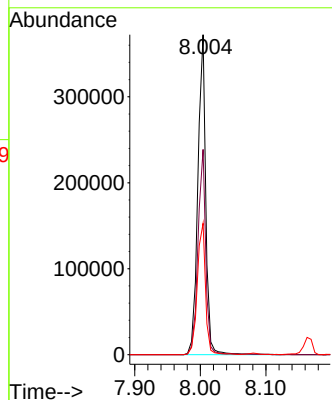
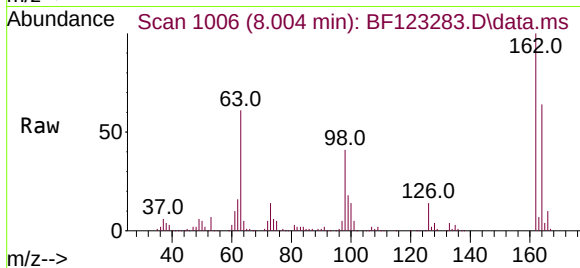




#29
2,4-Dichlorophenol
Concen: 43.95 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

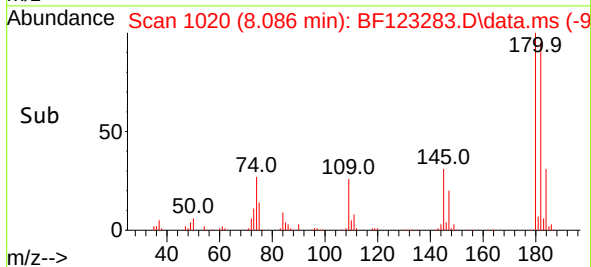
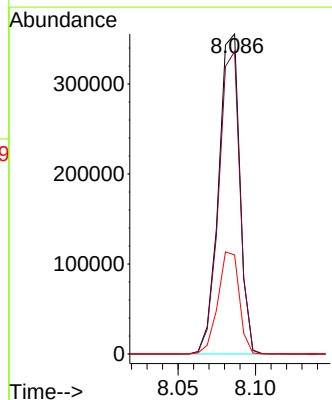
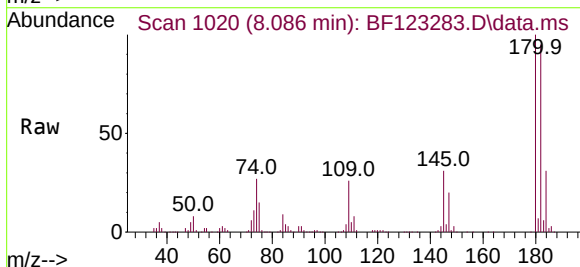
Instrument :
BNA_F
ClientSampled :
TP-4MSD

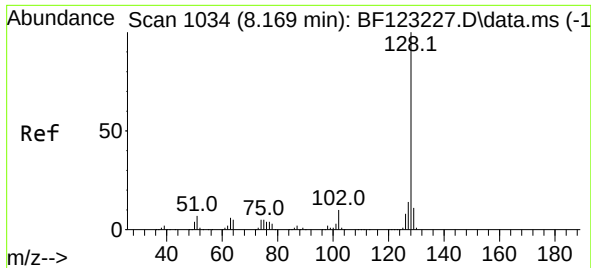
Tgt Ion:162 Resp: 312411
Ion Ratio Lower Upper
162 100
164 64.1 43.2 83.2
98 41.0 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.79 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:180 Resp: 338492
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 31.0 25.0 37.4

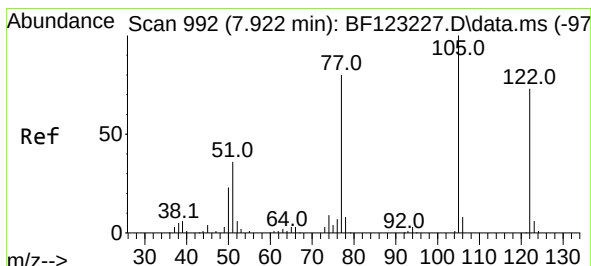
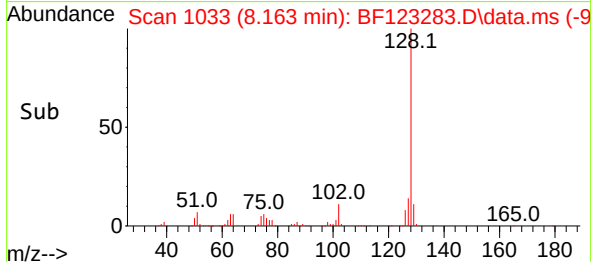
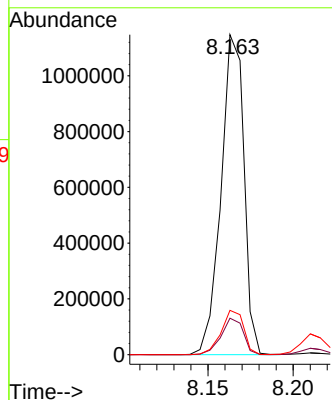
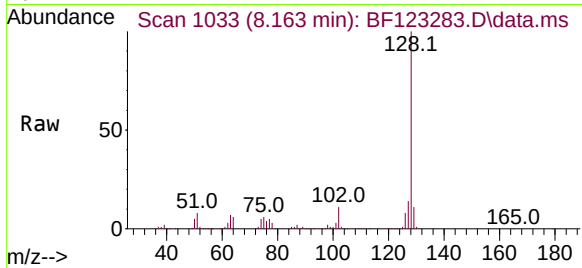




#31
Naphthalene
Concen: 42.48 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

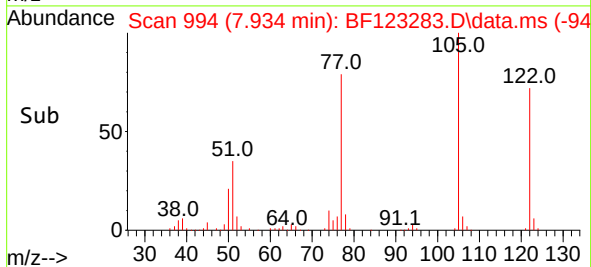
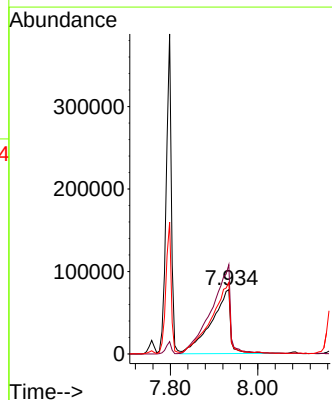
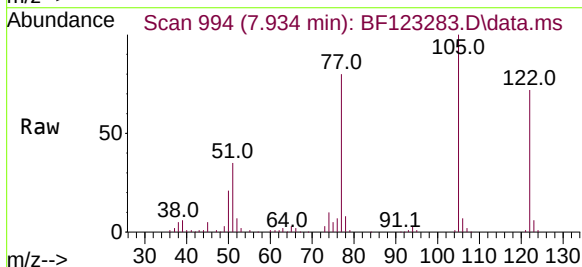
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

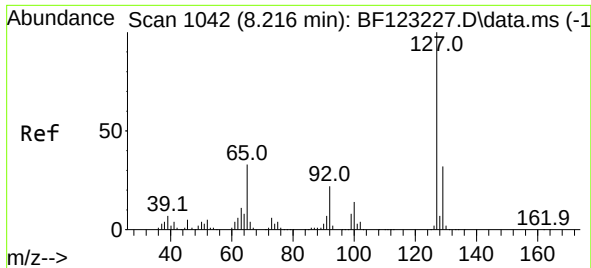
Tgt Ion:128 Resp: 1073185
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 46.90 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:122 Resp: 238209
Ion Ratio Lower Upper
122 100
105 138.9 104.8 144.8
77 111.1 71.0 111.0#

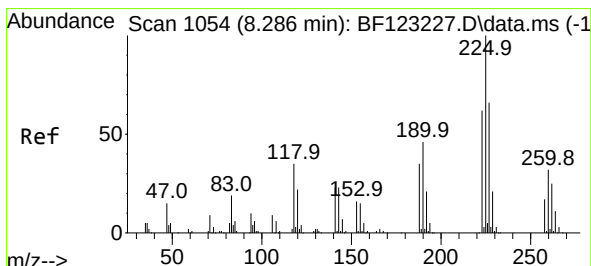
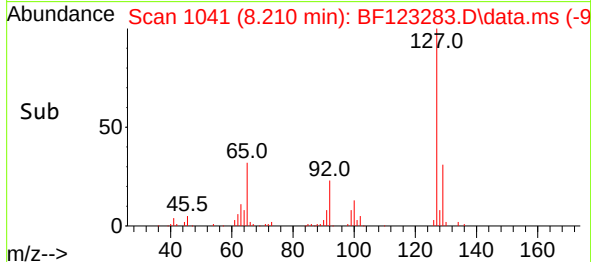
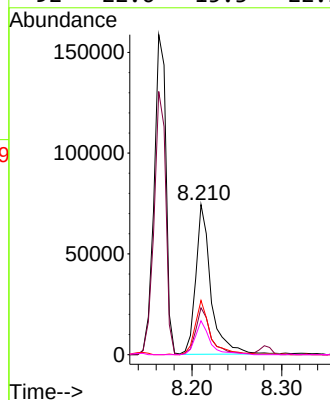
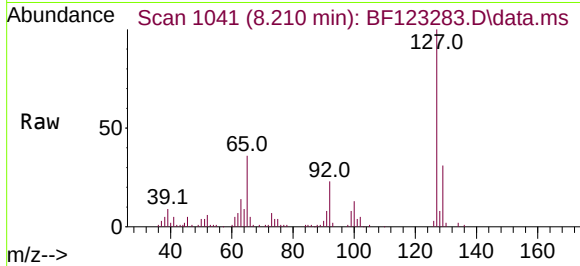




#33
4-Chloroaniline
Concen: 8.47 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

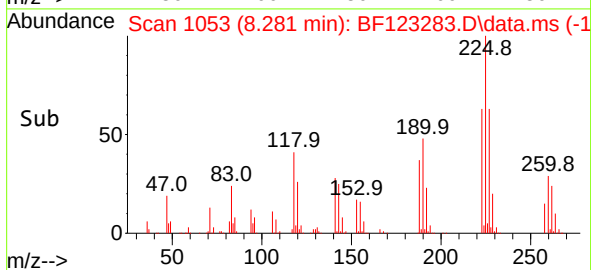
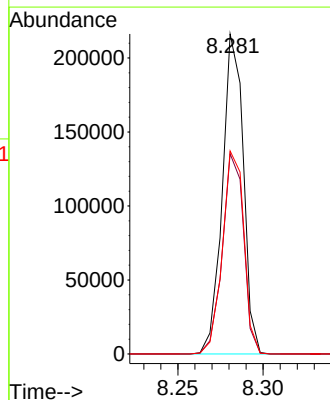
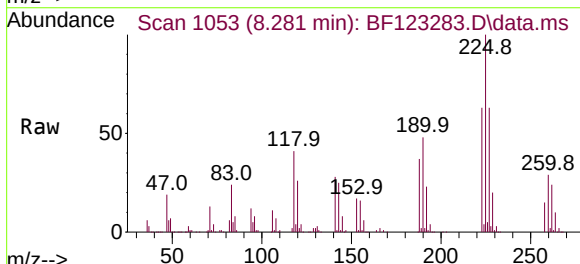
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

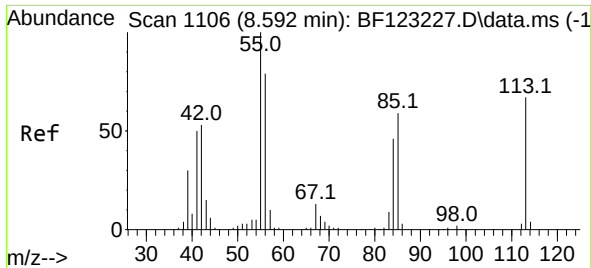
Tgt Ion:127	Resp:	87087
Ion Ratio	Lower	Upper
127	100	
129	31.2	26.2 39.2
65	36.1	22.2 33.2#
92	22.6	15.3 22.9



#34
Hexachlorobutadiene
Concen: 42.32 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:225	Resp:	184488
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.7 76.1
227	63.5	51.7 77.5

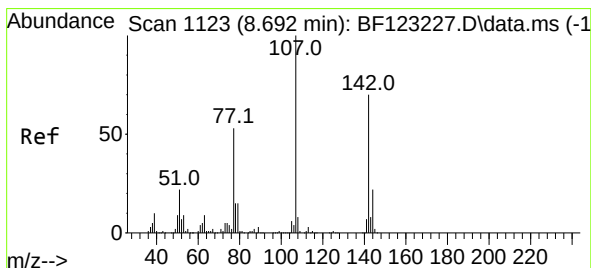
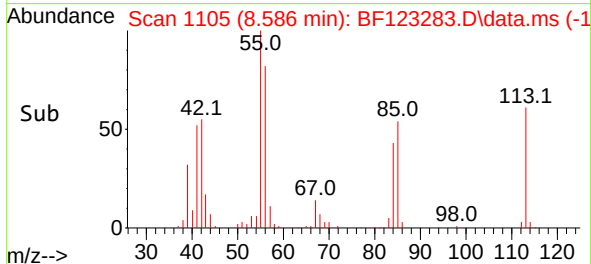
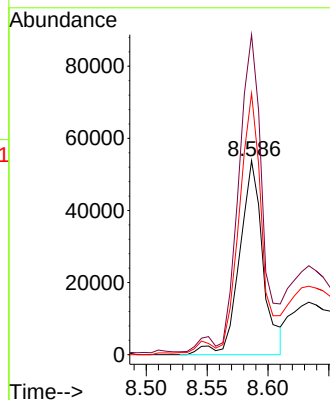
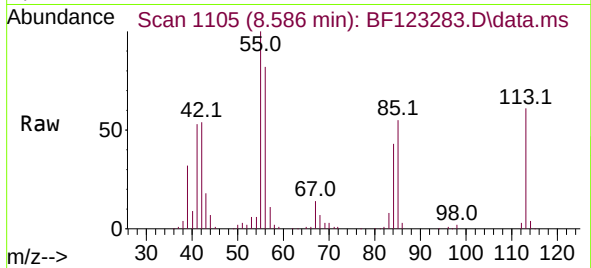




#35
Caprolactam
Concen: 30.20 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

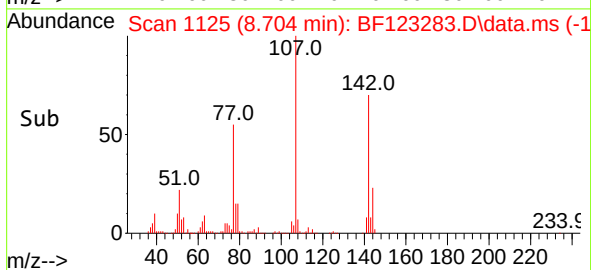
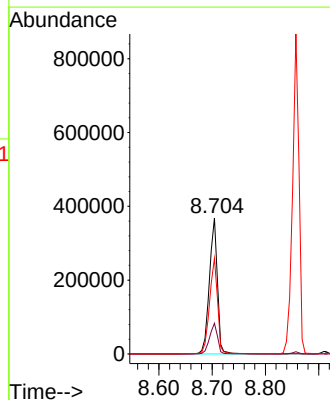
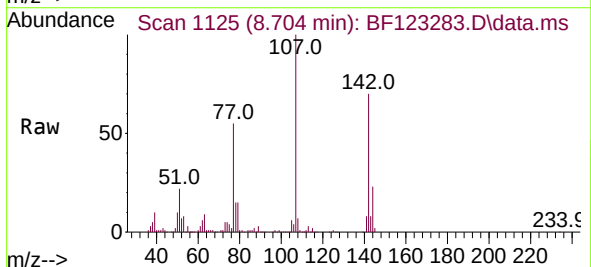
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

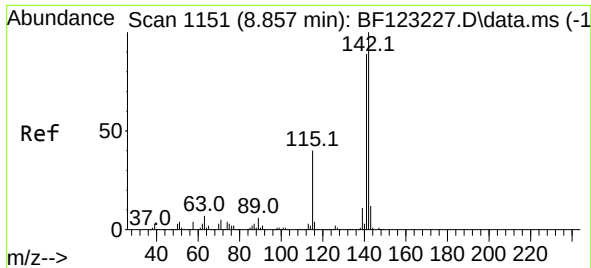
Tgt Ion:113 Resp: 72044
Ion Ratio Lower Upper
113 100
55 165.0 133.7 173.7
56 134.7 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 45.80 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:107 Resp: 387042
Ion Ratio Lower Upper
107 100
144 22.6 20.2 30.2
142 70.4 64.4 96.6

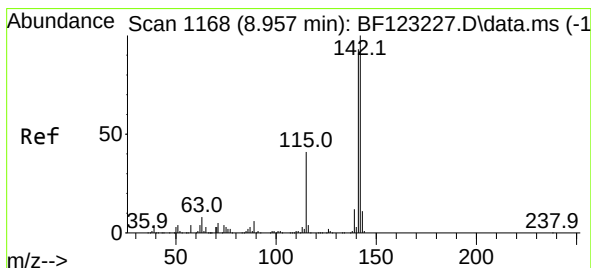
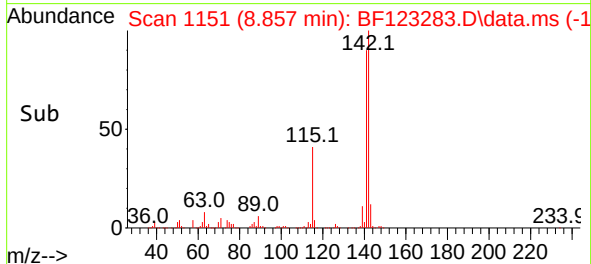
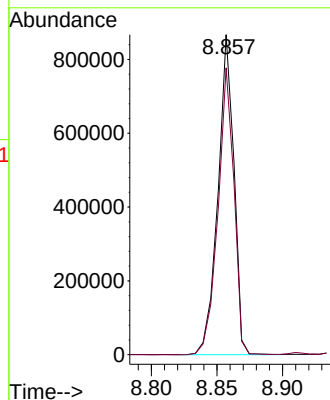
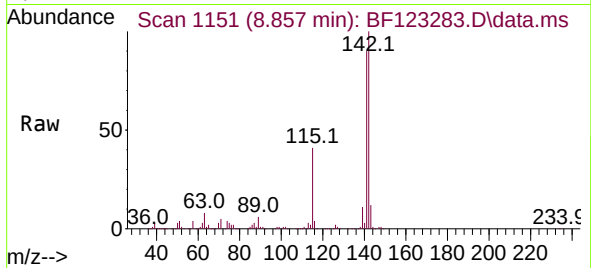




#37
2-Methylnaphthalene
Concen: 43.52 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

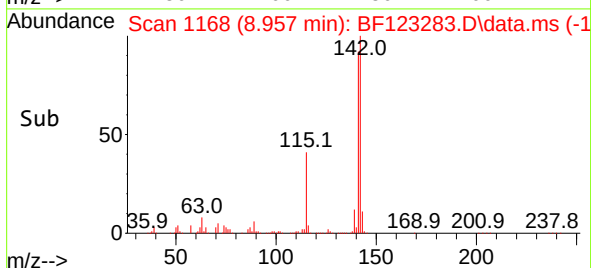
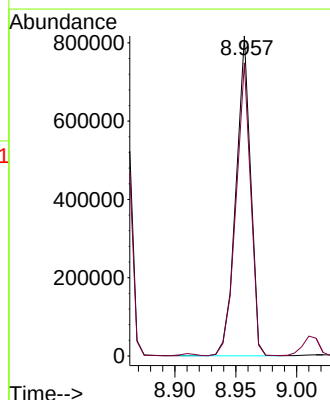
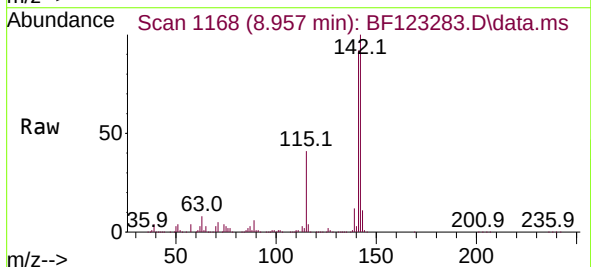
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

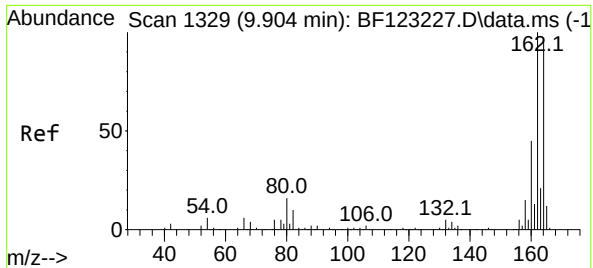
Tgt Ion:142 Resp: 732440
Ion Ratio Lower Upper
142 100
141 89.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 43.58 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:142 Resp: 685952
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7



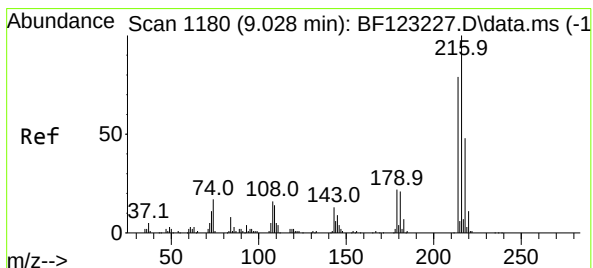
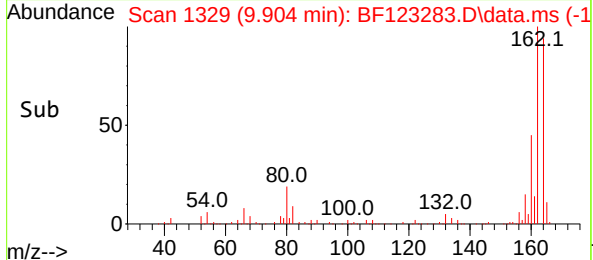
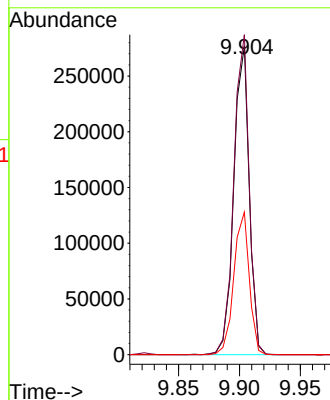
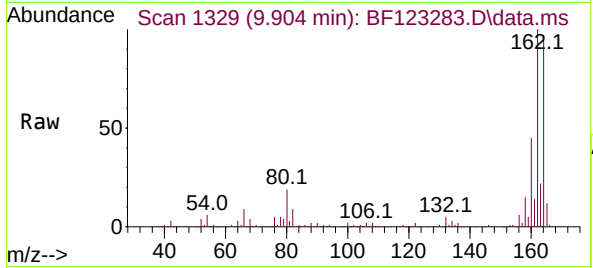


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:164 Resp: 243261

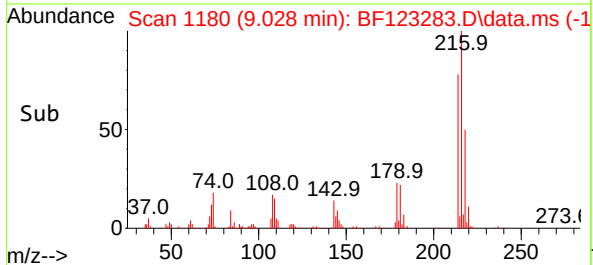
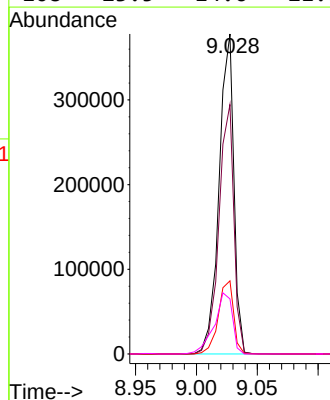
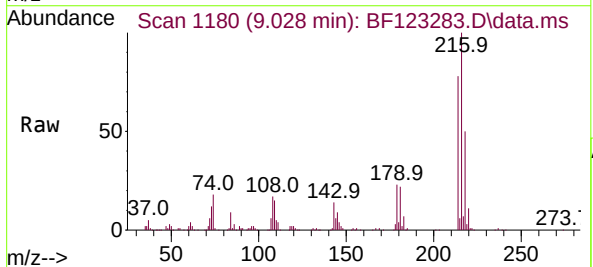
Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.8	121.2
160	46.2	35.4	53.0

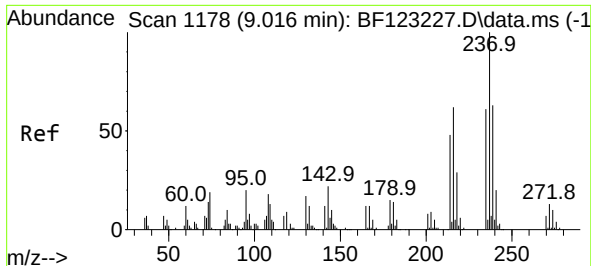


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.06 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:216 Resp: 320282

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	23.6	17.1	25.7
108	23.5	14.6	21.8

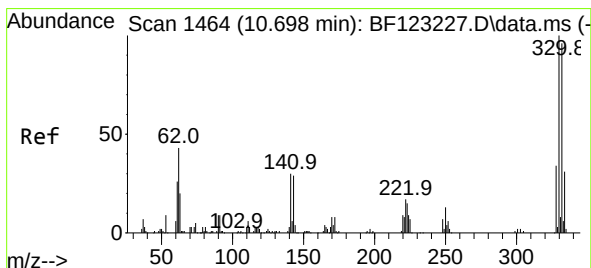
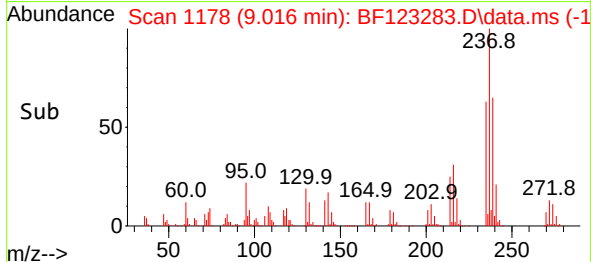
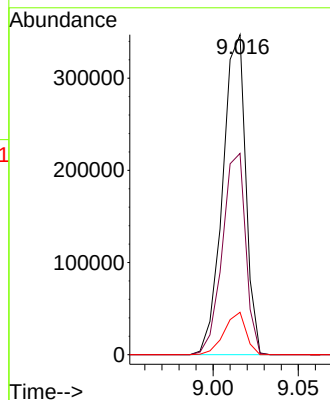
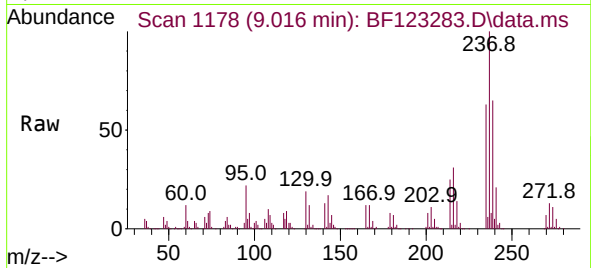




#41
Hexachlorocyclopentadiene
Concen: 96.08 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

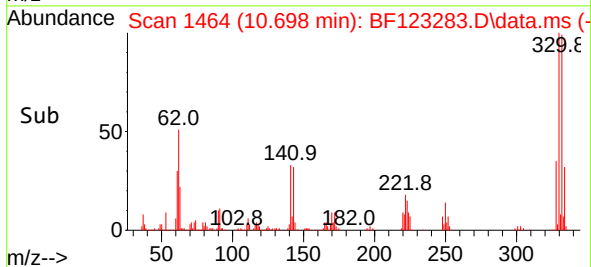
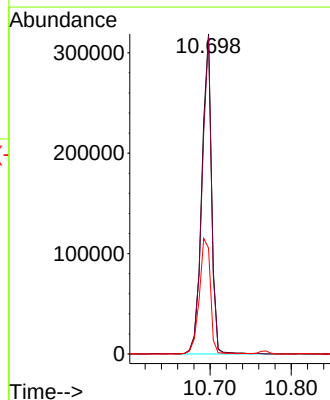
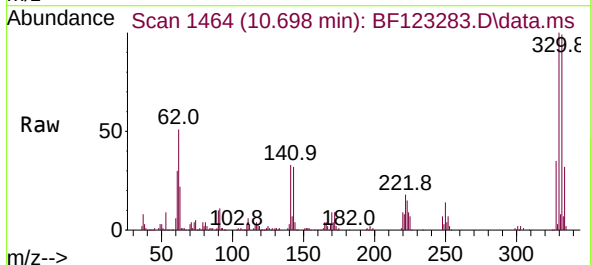
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

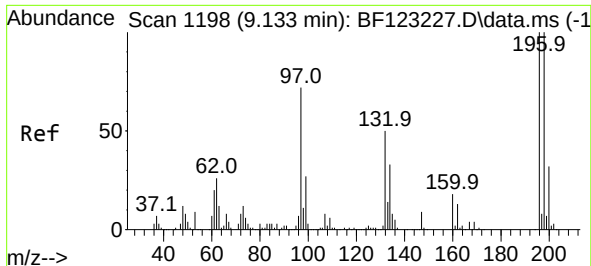
Tgt Ion:237 Resp: 327201
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.3 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 106.72 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:330 Resp: 264348
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 41.5 23.8 35.8#

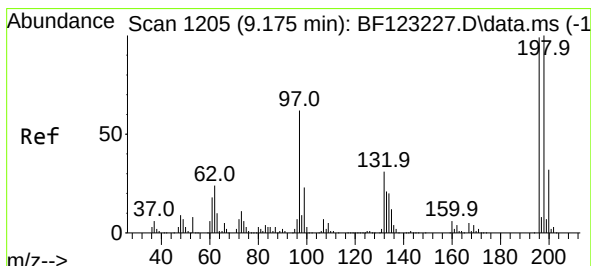
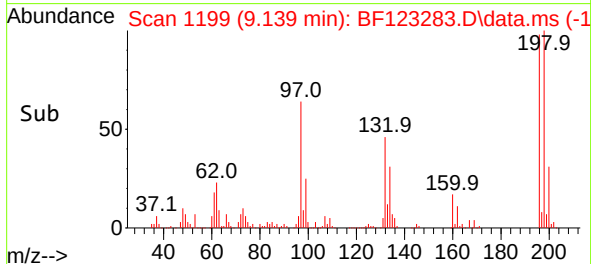
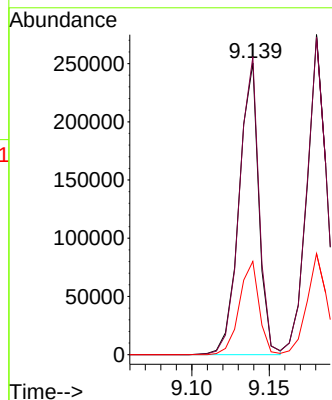
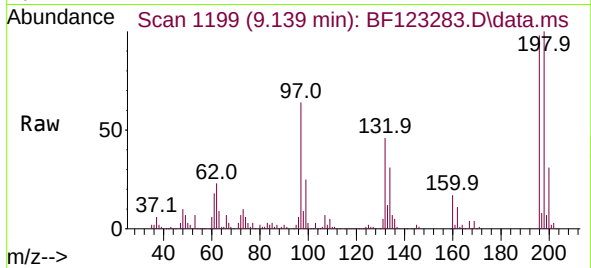




#43
2,4,6-Trichlorophenol
Concen: 43.10 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

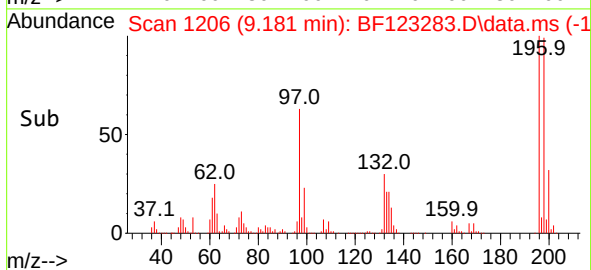
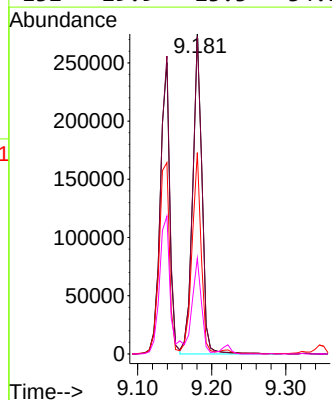
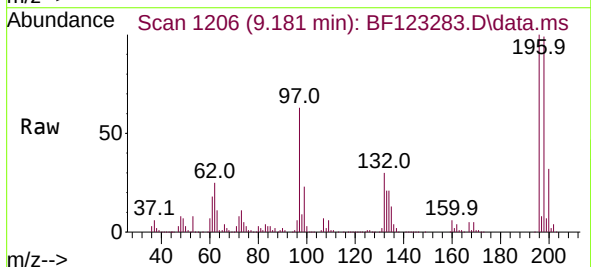
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

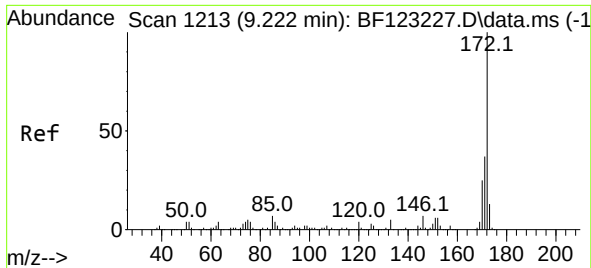
Tgt Ion:196 Resp: 222216
Ion Ratio Lower Upper
196 100
198 102.2 75.1 112.7
200 32.0 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 43.59 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:196 Resp: 240464
Ion Ratio Lower Upper
196 100
198 99.2 76.5 114.7
97 62.9 40.1 60.1#
132 29.9 23.3 34.9

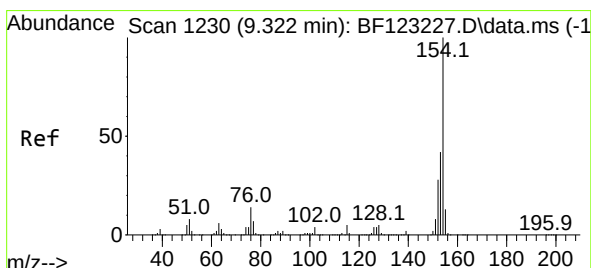
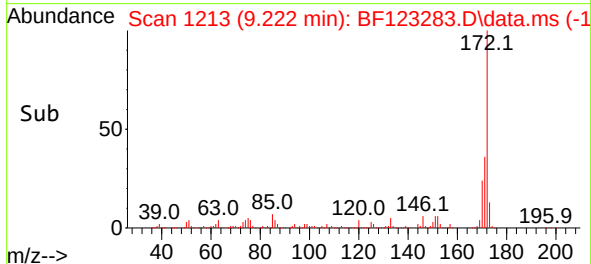
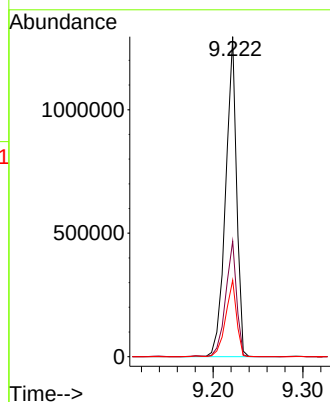
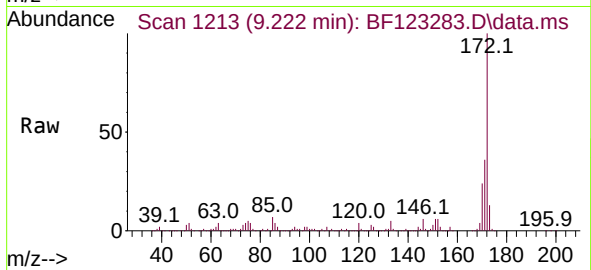




#45
2-Fluorobiphenyl
Concen: 64.98 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

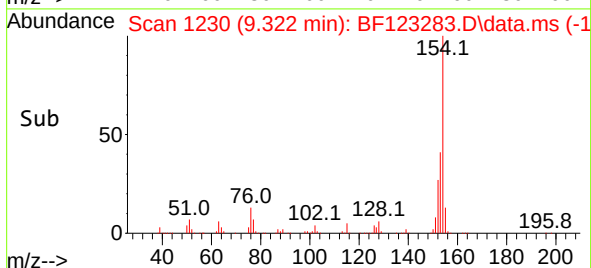
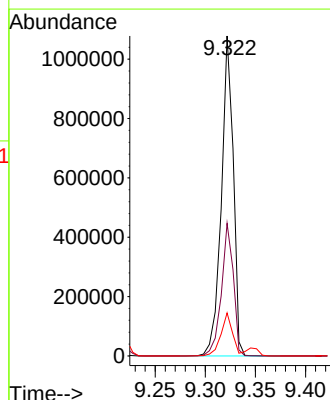
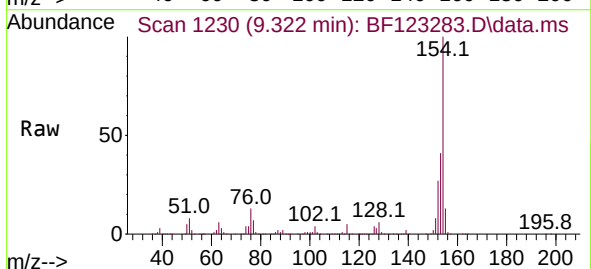
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

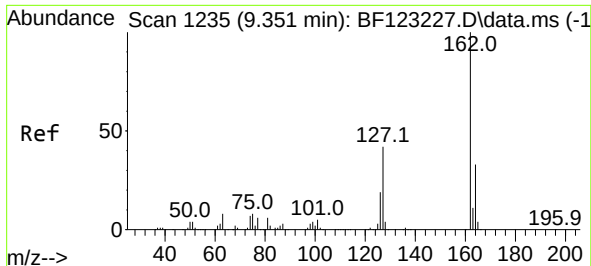
Tgt Ion:172 Resp: 1100504
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 44.09 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:154 Resp: 889792
Ion Ratio Lower Upper
154 100
153 41.5 21.8 61.8
76 13.5 0.0 33.4

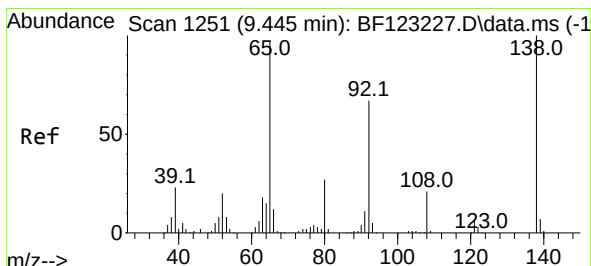
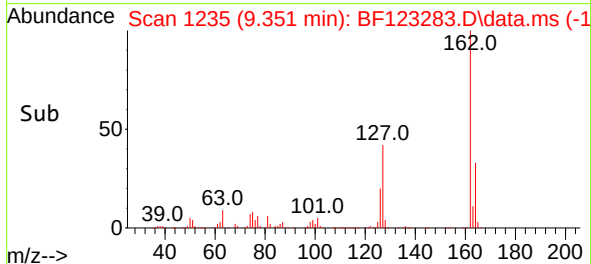
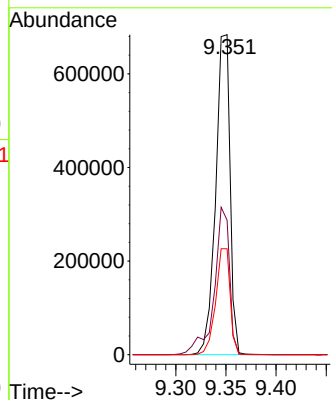
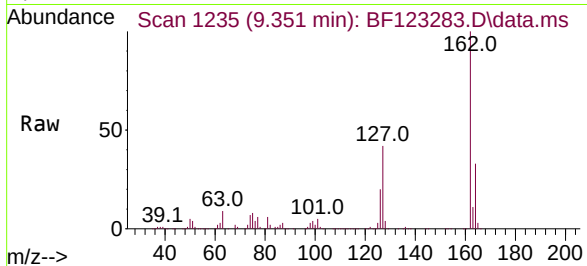




#47
2-Chloronaphthalene
Concen: 42.73 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

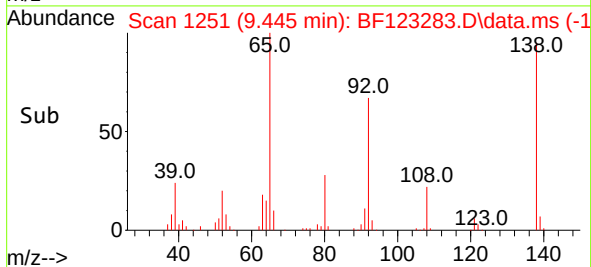
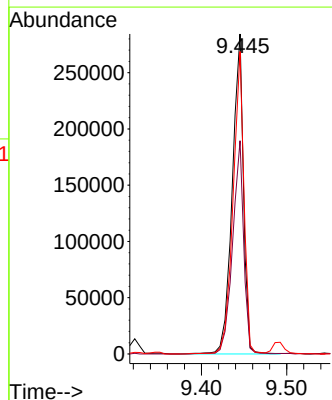
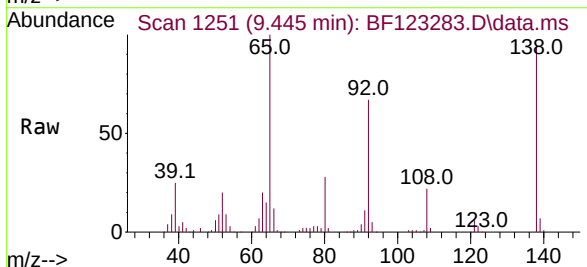
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

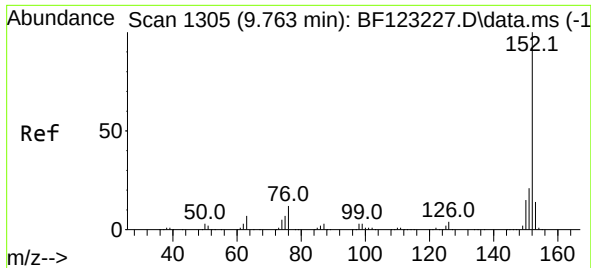
Tgt Ion:162 Resp: 680420
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 45.56 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion: 65 Resp: 259898
Ion Ratio Lower Upper
65 100
92 66.6 60.0 90.0
138 94.5 100.6 151.0#

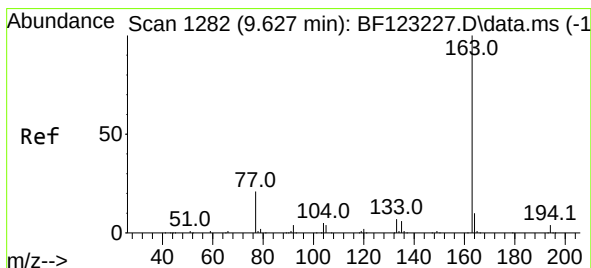
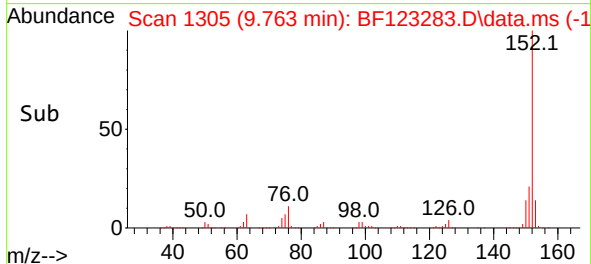
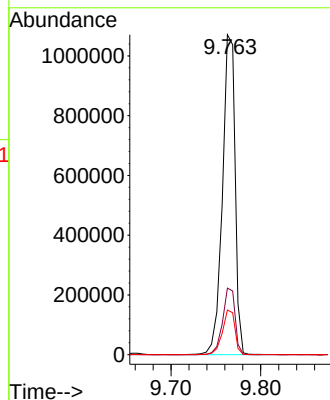
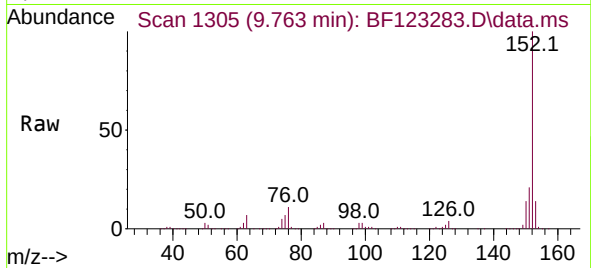




#49
Acenaphthylene
Concen: 43.61 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

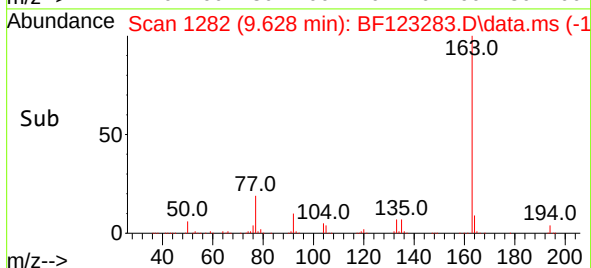
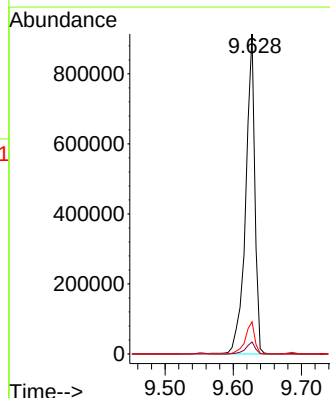
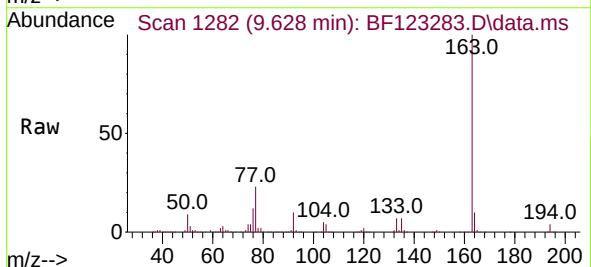
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

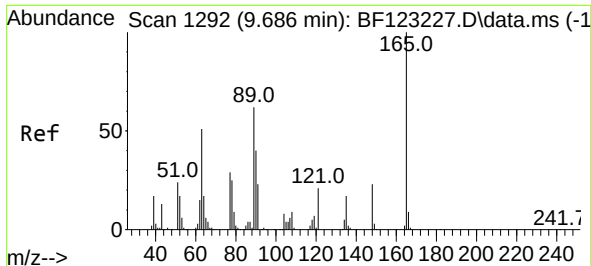
Tgt Ion:152 Resp: 1053136
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 14.0 10.9 16.3



#50
Dimethylphthalate
Concen: 46.98 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:163 Resp: 854655
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.1 12.1

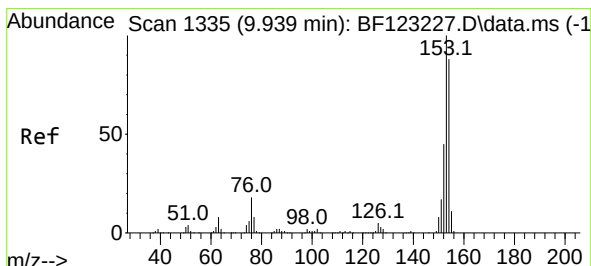
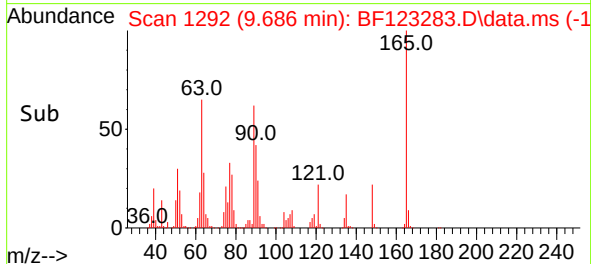
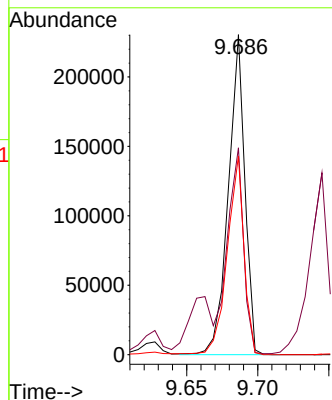
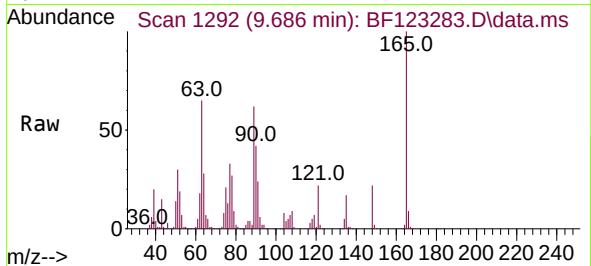




#51
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

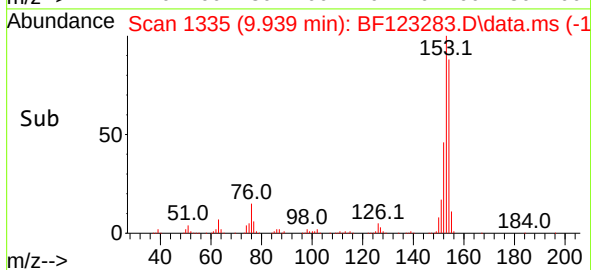
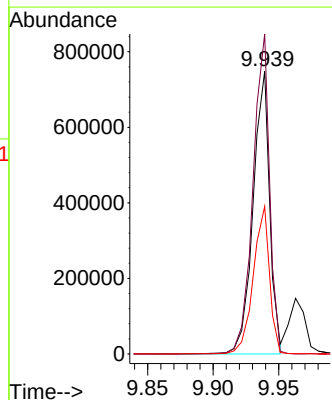
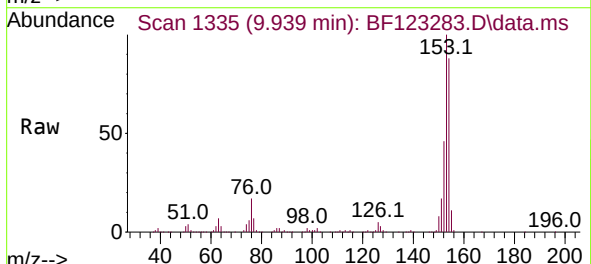
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

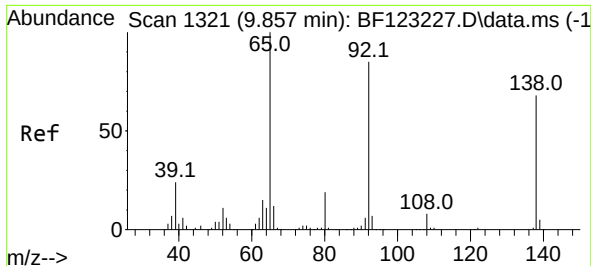
Tgt Ion:165 Resp: 186185
Ion Ratio Lower Upper
165 100
63 64.6 36.6 55.0#
89 62.1 39.4 59.0#



#52
Acenaphthene
Concen: 39.50 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:154 Resp: 657781
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.6
152 52.2 42.7 64.1

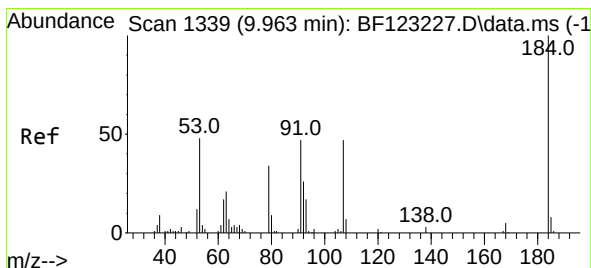
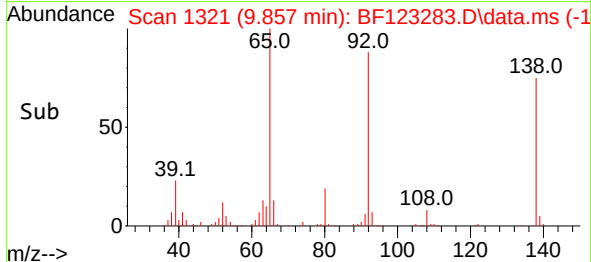
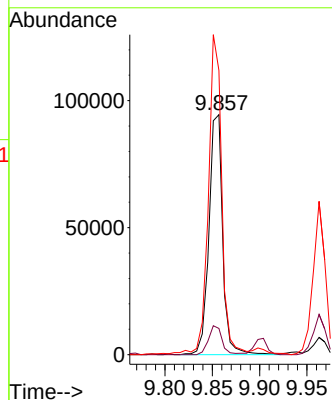
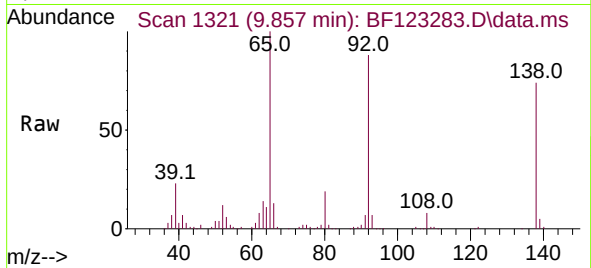




#53
3-Nitroaniline
Concen: 20.45 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

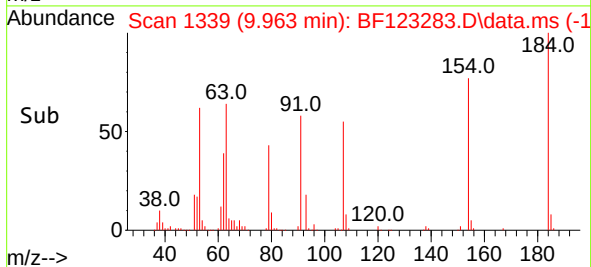
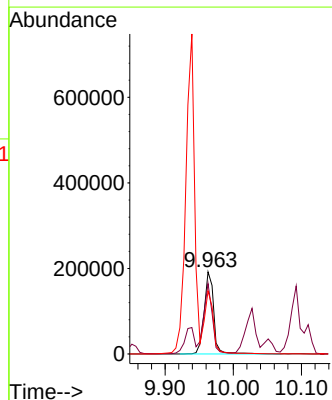
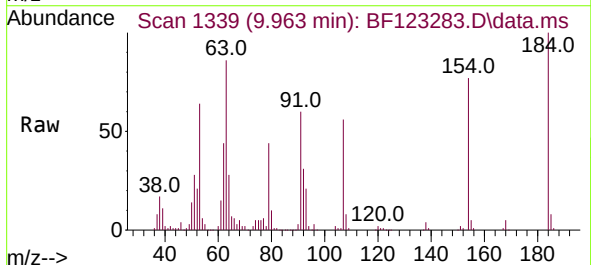
Instrument :
BNA_F
ClientSampled :
TP-4MSD

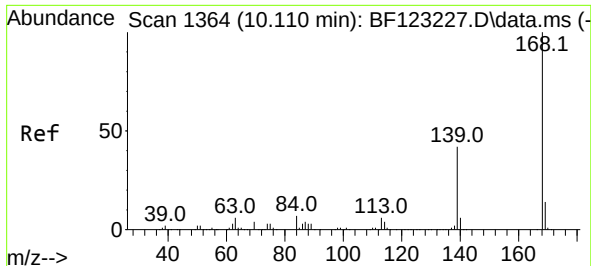
Tgt Ion:	138	Resp:	95136
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.2
92	118.4	85.4	128.2



#54
2,4-Dinitrophenol
Concen: 84.92 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	184	Resp:	187015
Ion	Ratio	Lower	Upper
184	100		
63	85.7	51.4	77.2#
154	76.9	49.7	74.5#

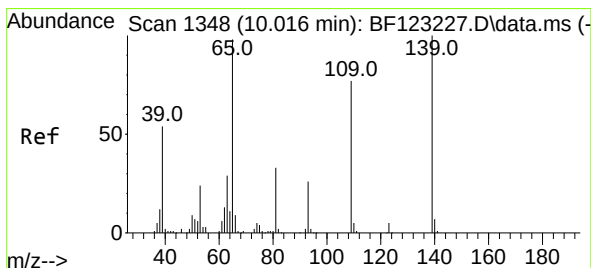
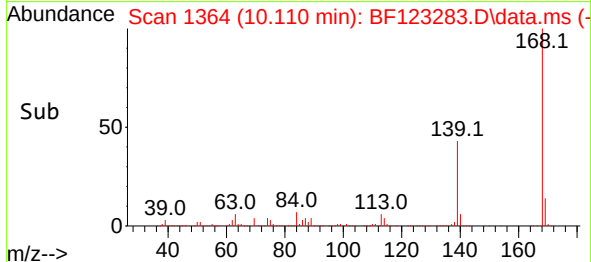
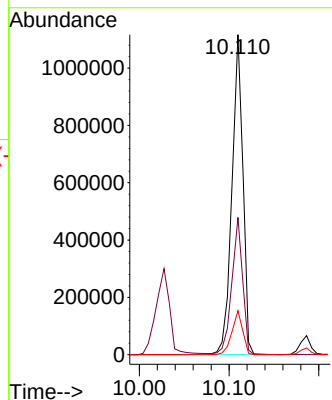
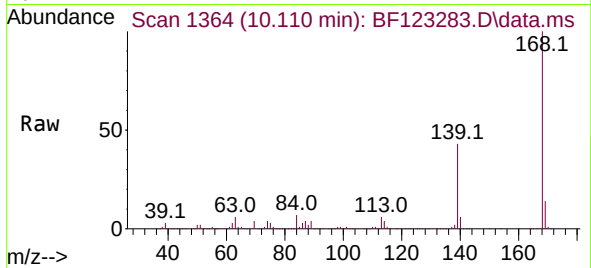




#55
Dibenzofuran
Concen: 42.17 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

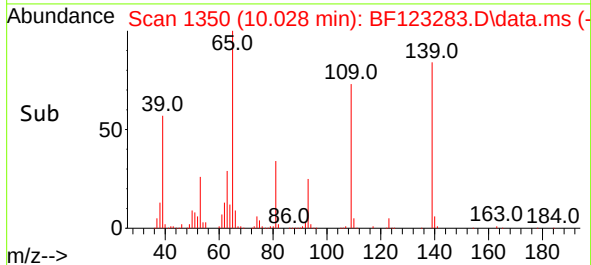
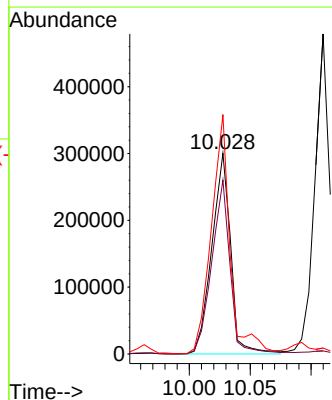
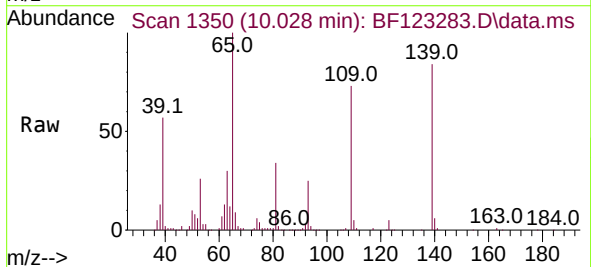
Instrument :
BNA_F
ClientSampled :
TP-4MSD

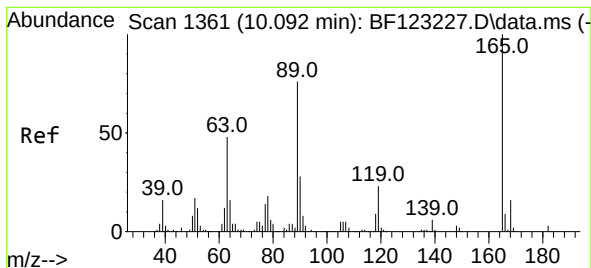
Tgt Ion:168 Resp: 950755
Ion Ratio Lower Upper
168 100
139 42.9 31.3 46.9
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 87.10 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:139 Resp: 322983
Ion Ratio Lower Upper
139 100
109 86.7 45.1 85.1#
65 119.4 59.2 99.2#

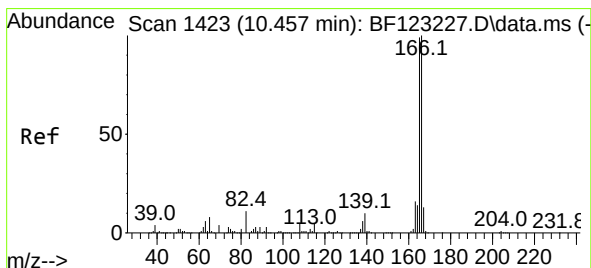
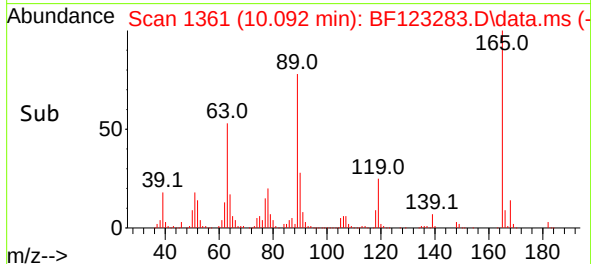
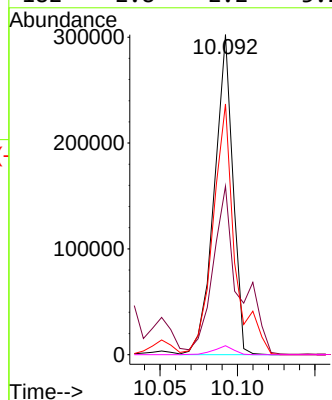
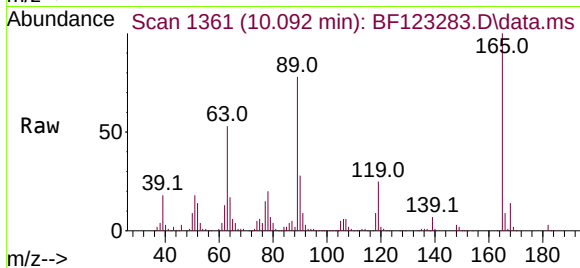




#57
2,4-Dinitrotoluene
Concen: 44.95 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

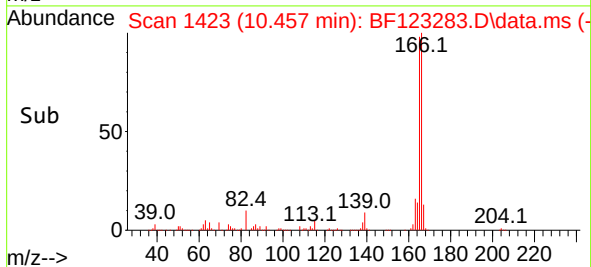
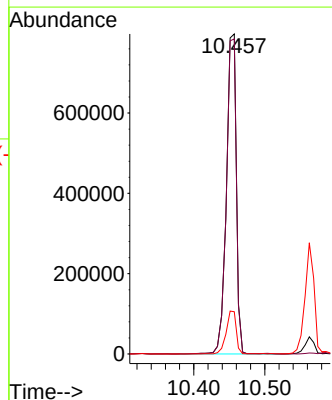
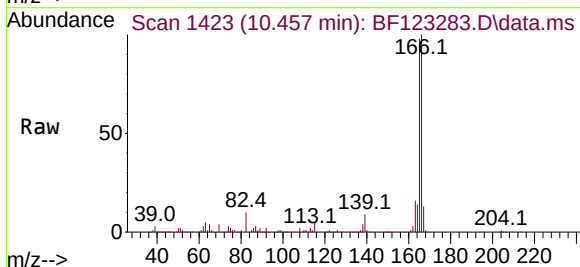
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

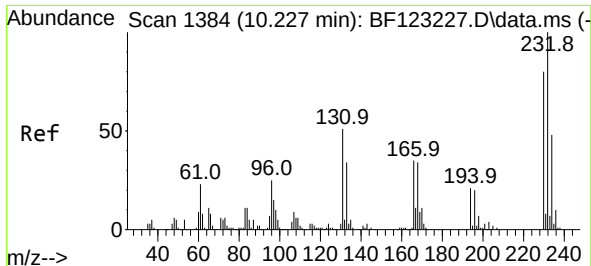
Tgt Ion:165 Resp: 253439
Ion Ratio Lower Upper
165 100
63 52.6 34.3 51.5#
89 78.3 55.2 82.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 43.38 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:166 Resp: 769751
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.0
167 13.2 10.9 16.3

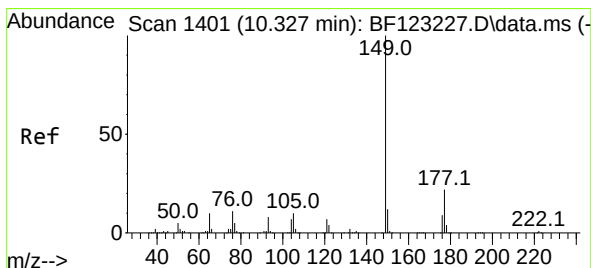
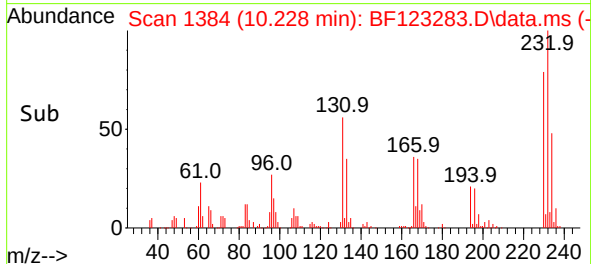
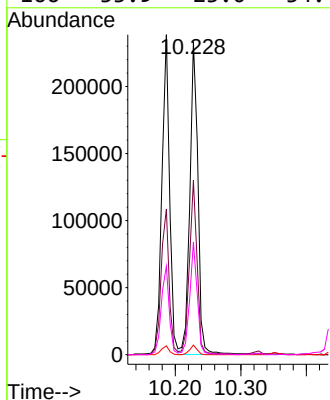
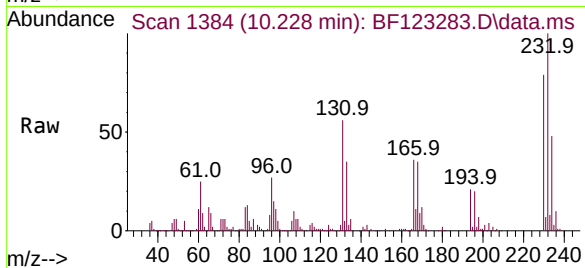




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.52 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

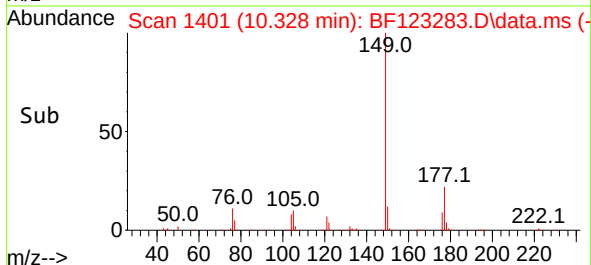
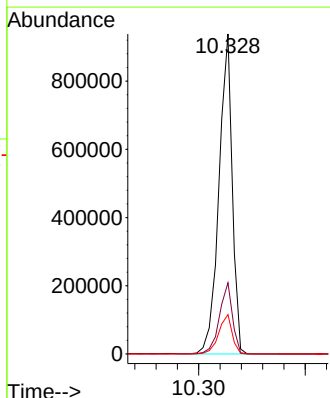
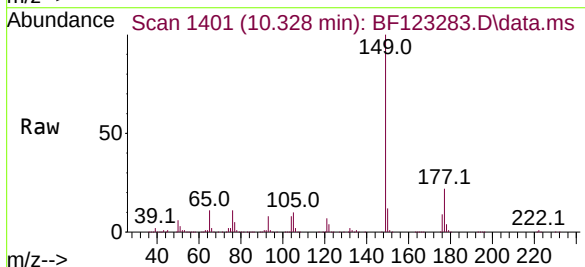
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

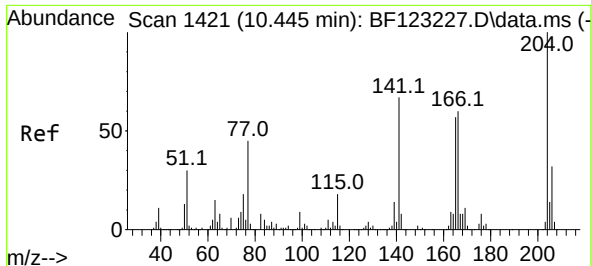
Tgt Ion:232 Resp: 200341
Ion Ratio Lower Upper
232 100
131 52.7 33.0 49.4#
130 2.8 1.7 2.5#
166 33.9 23.0 34.4



#60
Diethylphthalate
Concen: 45.07 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:149 Resp: 811792
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.4
150 12.3 10.1 15.1

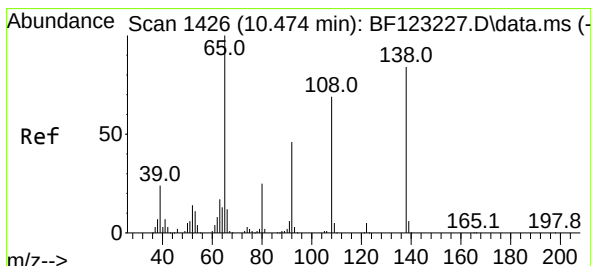
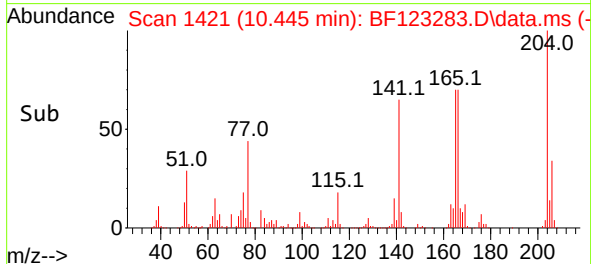
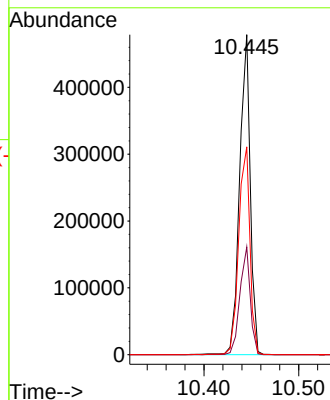
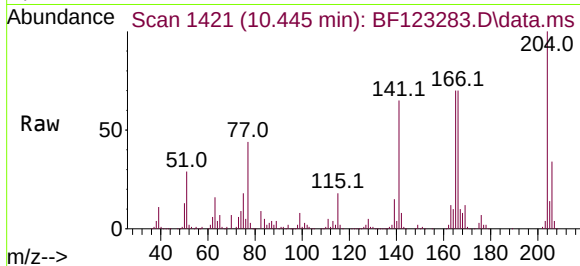




#61
4-Chlorophenyl-phenylether
Concen: 43.98 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

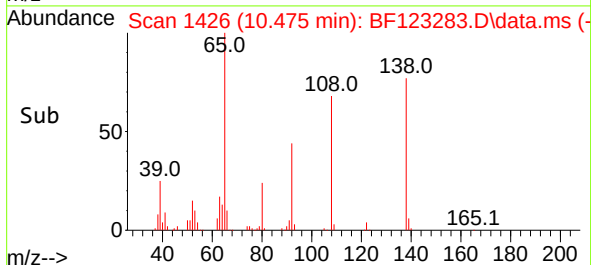
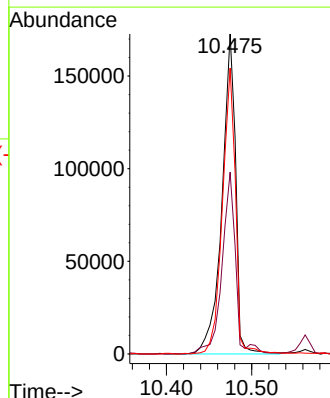
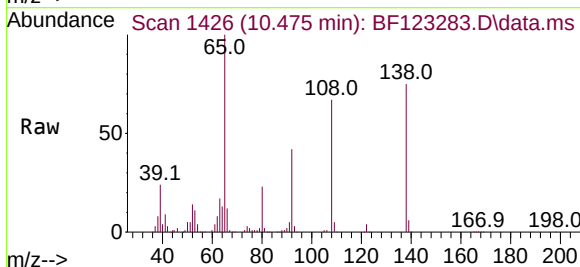
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

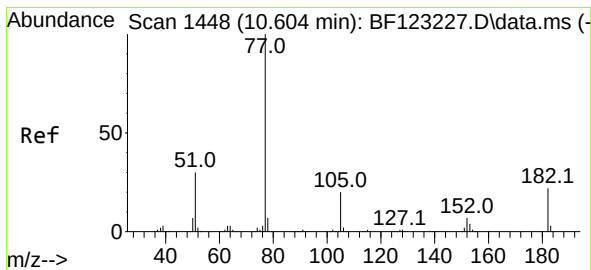
Tgt Ion:	204	Resp:	371471
Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	64.9	50.4	75.6



#62
4-Nitroaniline
Concen: 41.06 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	138	Resp:	192314
Ion	Ratio	Lower	Upper
138	100		
92	56.8	31.0	71.0
108	89.3	54.8	94.8

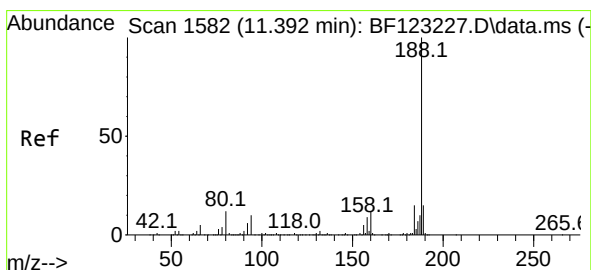
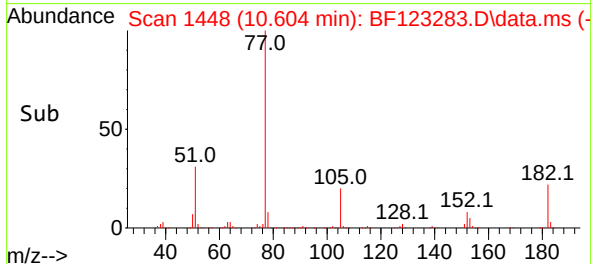
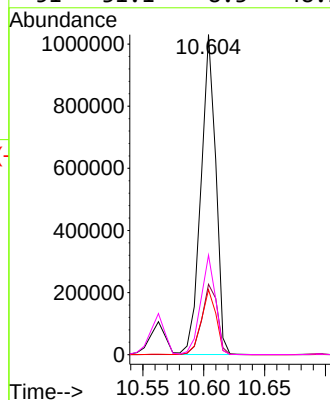
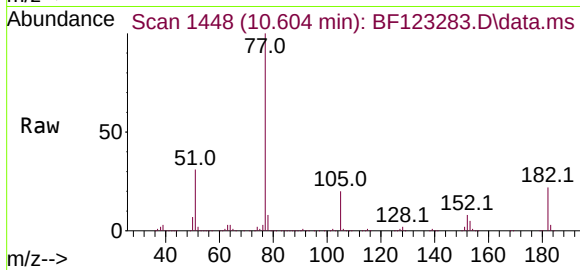




#63
Azobenzene
Concen: 42.01 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

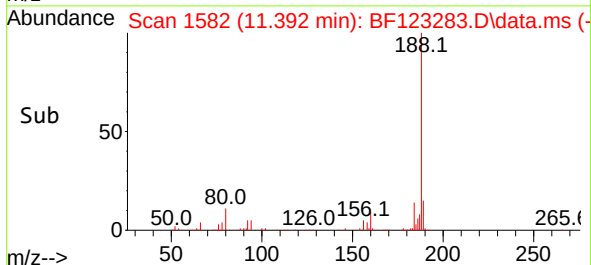
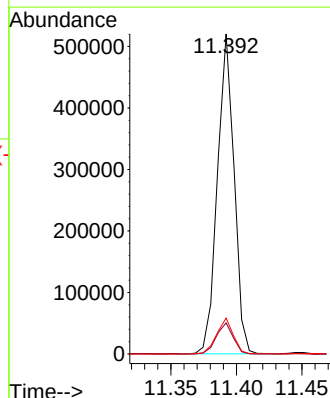
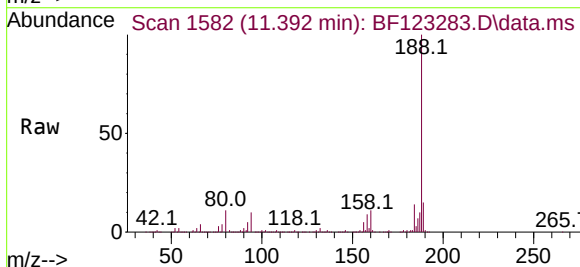
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

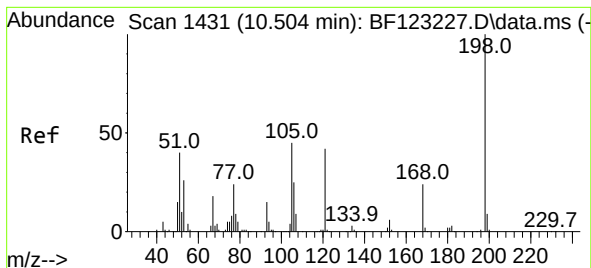
Tgt Ion:	77	Resp:	871915
Ion	Ratio	Lower	Upper
77	100		
182	22.0	5.6	45.6
105	20.3	1.8	41.8
51	31.1	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:	188	Resp:	460080
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	11.2	8.2	12.4

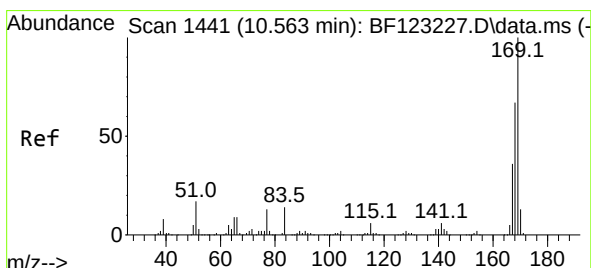
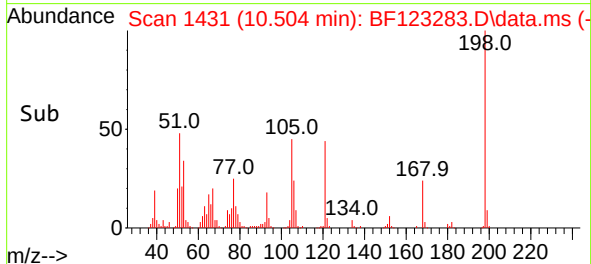
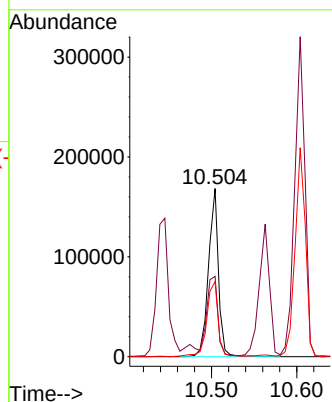
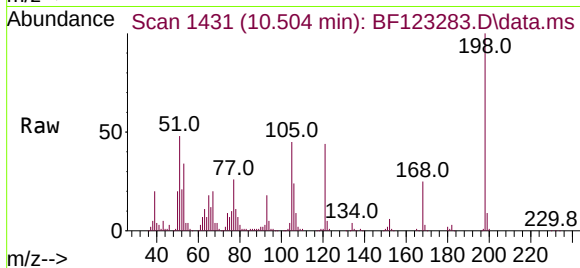




#65
4,6-Dinitro-2-methylphenol
Concen: 44.16 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

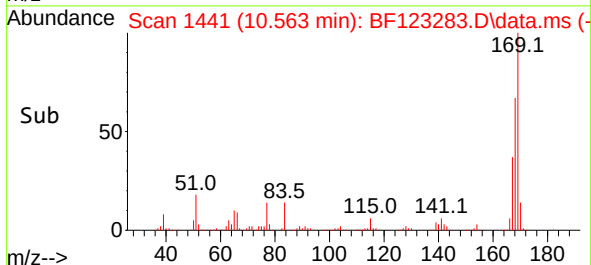
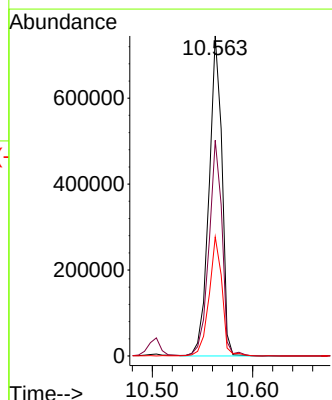
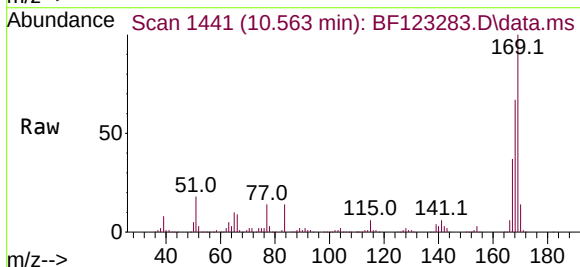
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

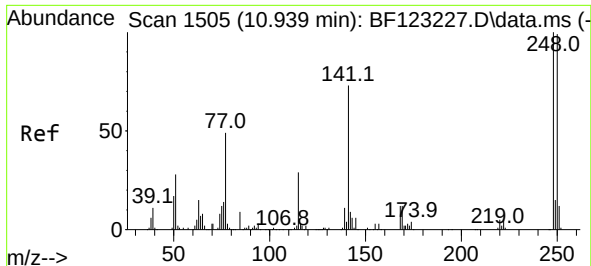
Tgt Ion:198 Resp: 136775
Ion Ratio Lower Upper
198 100
51 47.8 20.3 60.3
105 44.6 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.10 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:169 Resp: 669838
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 37.2 29.2 43.8

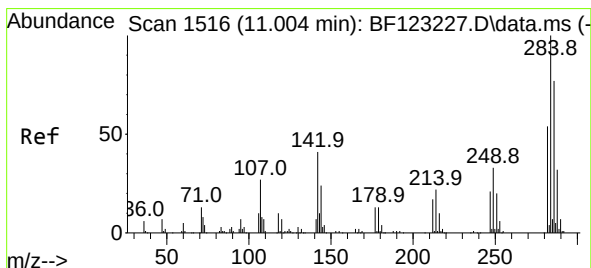
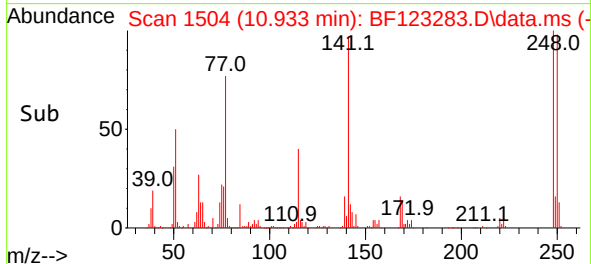
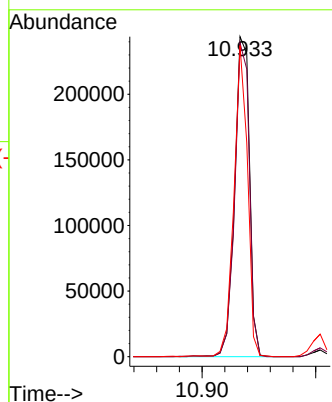
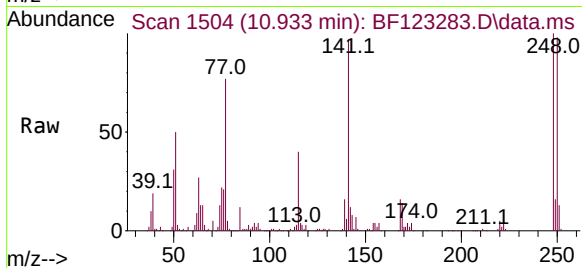




#67
4-Bromophenyl-phenylether
Concen: 44.11 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

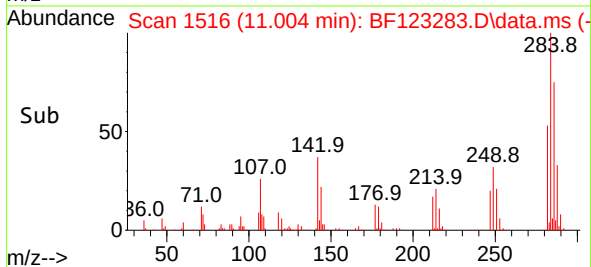
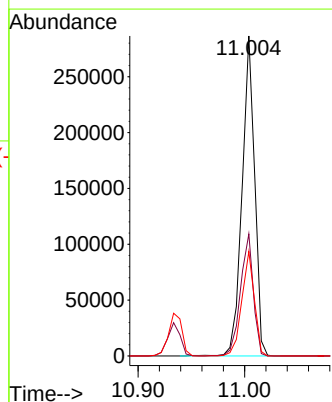
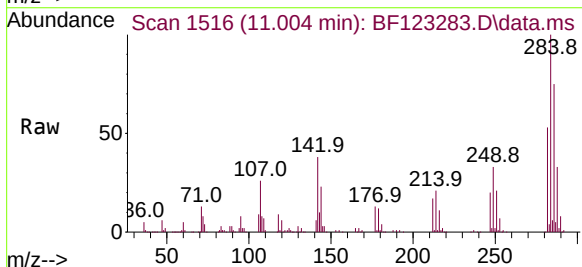
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

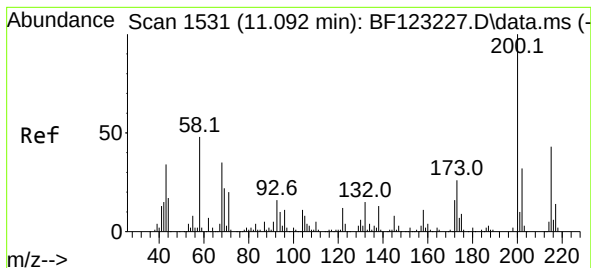
Tgt Ion:248 Resp: 221230
Ion Ratio Lower Upper
248 100
250 98.0 76.8 115.2
141 97.2 59.8 89.8#



#68
Hexachlorobenzene
Concen: 44.64 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:284 Resp: 235870
Ion Ratio Lower Upper
284 100
142 38.2 25.6 38.4
249 32.7 25.1 37.7





#69

Atrazine

Concen: 39.36 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion:200 Resp: 197902

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

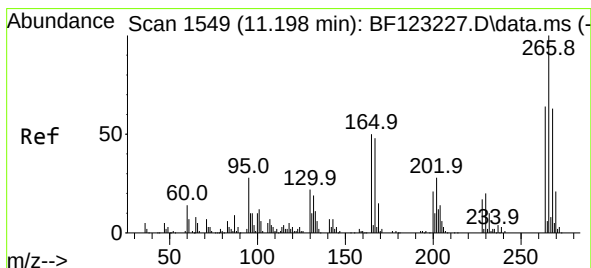
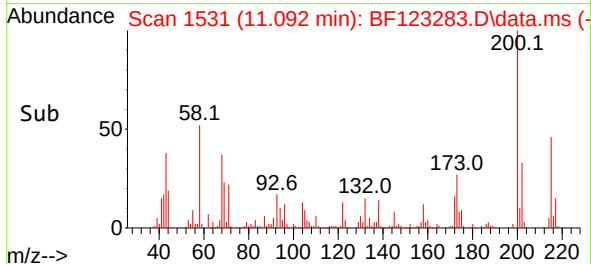
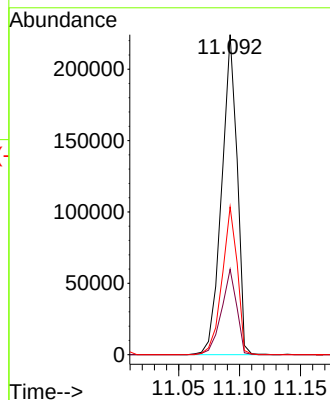
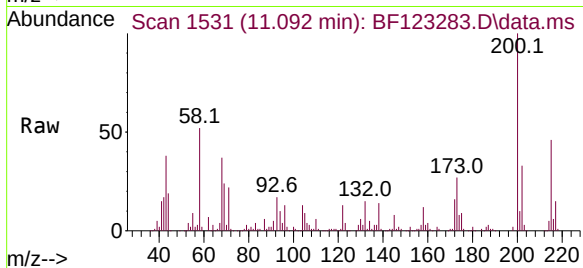
215 46.2 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



#70

Pentachlorophenol

Concen: 85.94 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

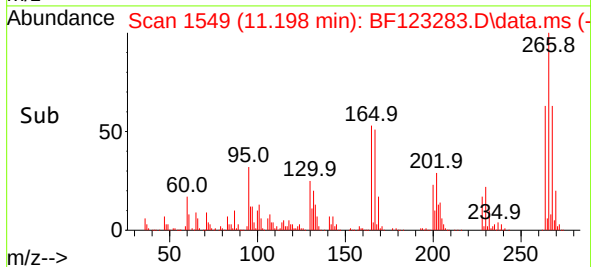
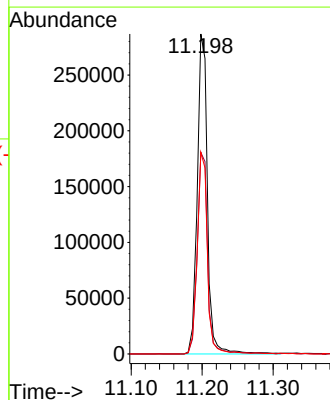
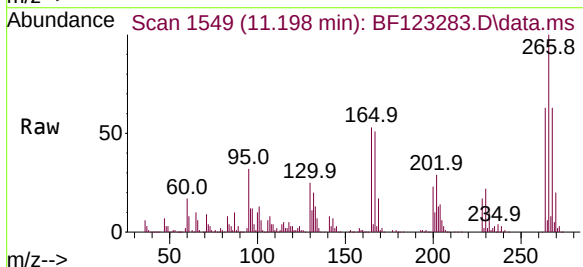
Tgt Ion:266 Resp: 286726

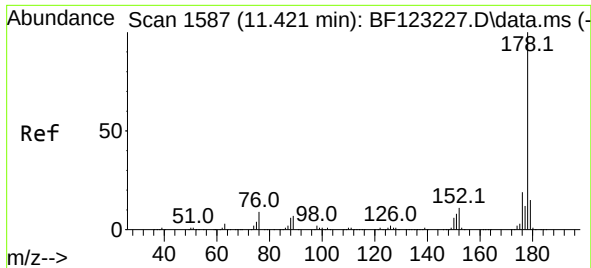
Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 63.0 49.8 74.8

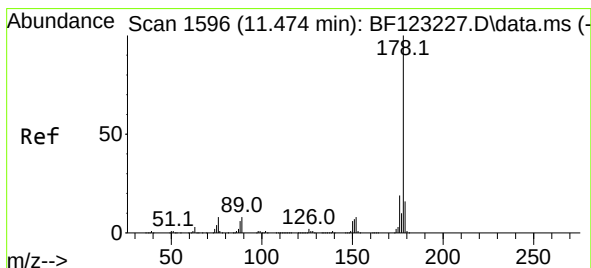
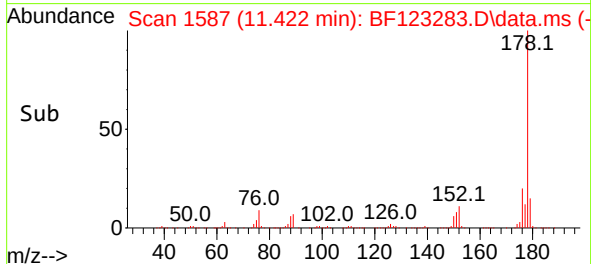
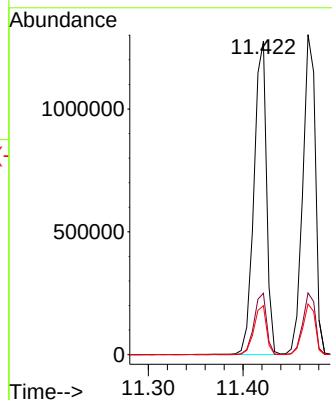
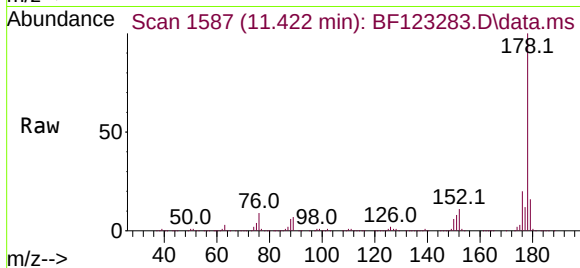




#71
Phenanthrene
Concen: 43.45 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

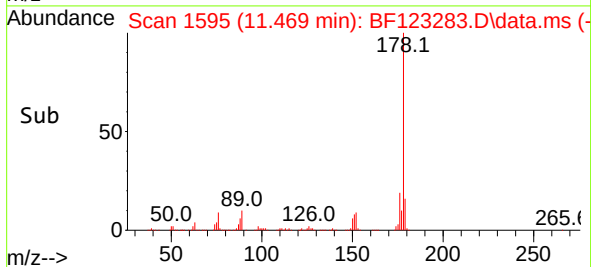
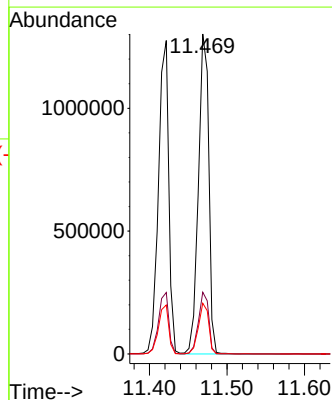
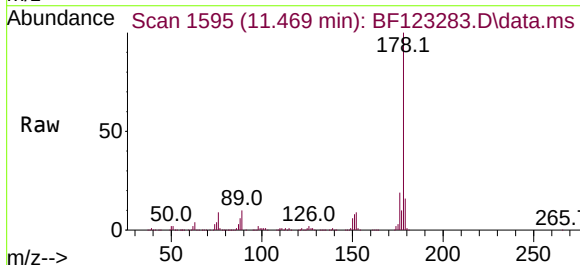
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

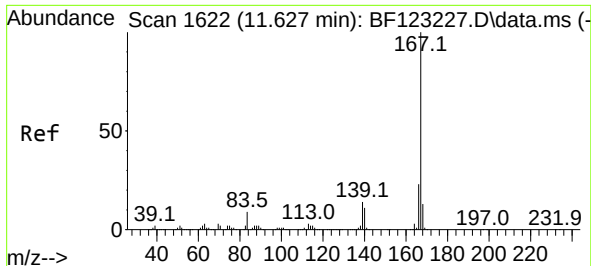
Tgt Ion:178 Resp: 1182129
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.6 12.7 19.1



#72
Anthracene
Concen: 44.73 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:178 Resp: 1214257
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 12.8 19.2



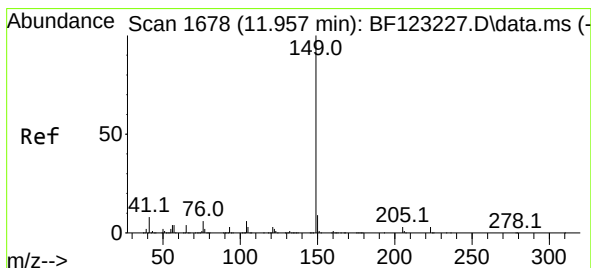
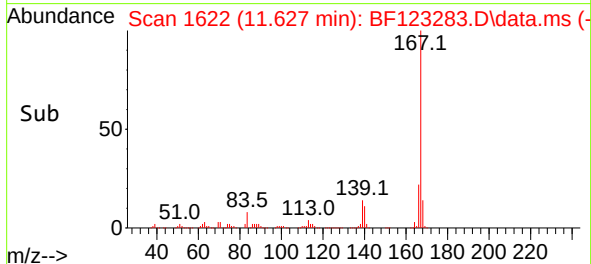
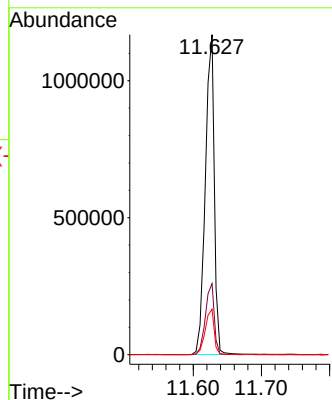
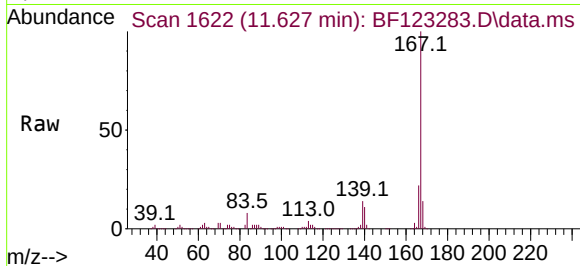


#73
 Carbazole
 Concen: 41.76 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF123283.D
 Acq: 23 Feb 2021 16:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Tgt Ion:167 Resp: 1067596

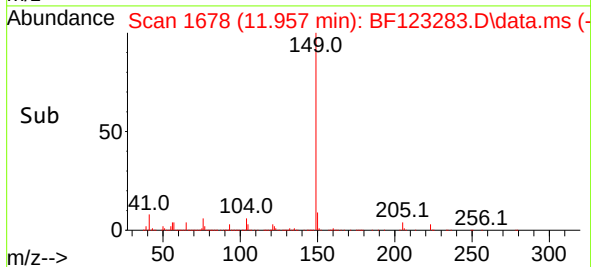
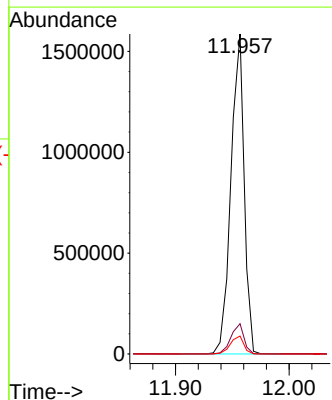
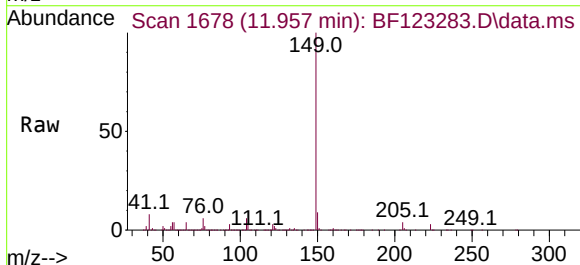
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	14.2	10.9	16.3

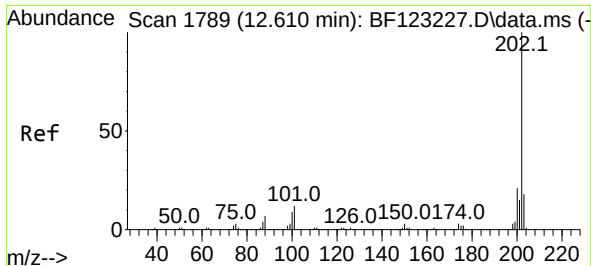


#74
 Di-n-butylphthalate
 Concen: 44.86 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF123283.D
 Acq: 23 Feb 2021 16:24

Tgt Ion:149 Resp: 1282296

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.6	4.2	6.4

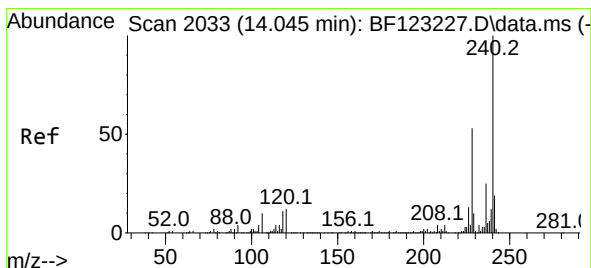
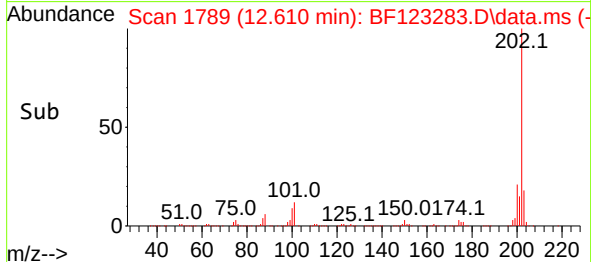
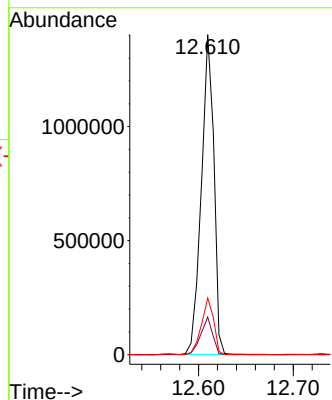
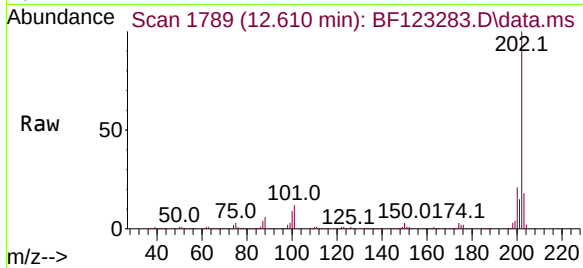




#75
Fluoranthene
Concen: 44.84 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

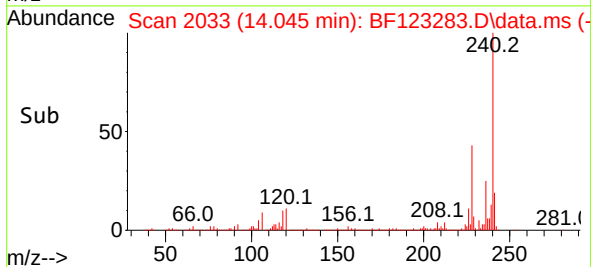
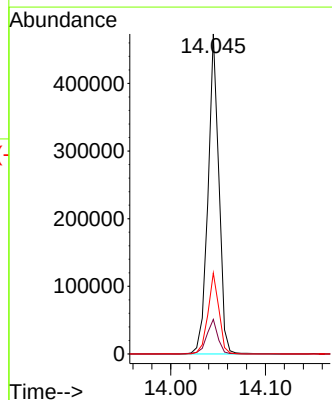
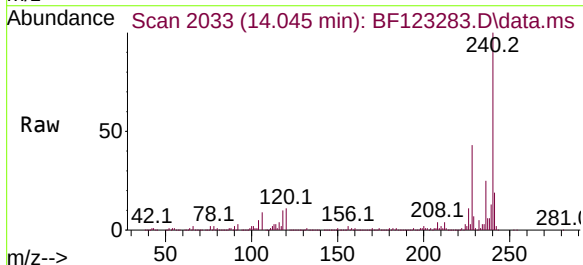
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

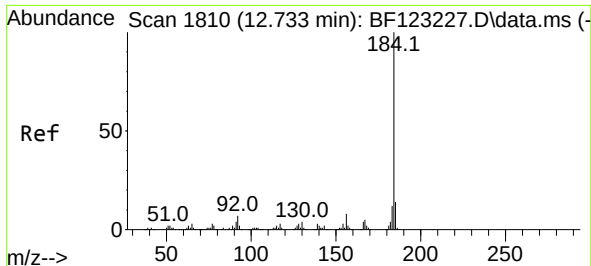
Tgt Ion:202 Resp: 1293074
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:240 Resp: 376223
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.3 20.3 30.5

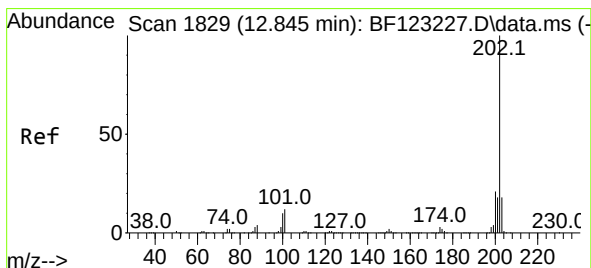
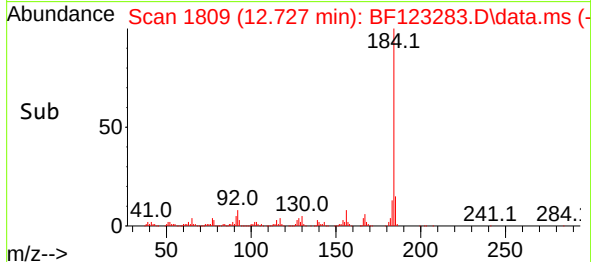
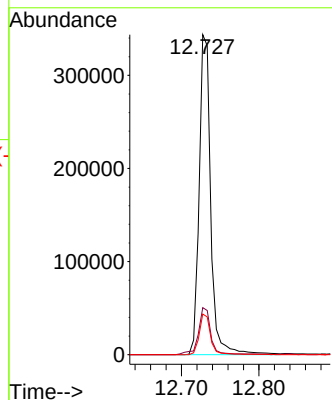
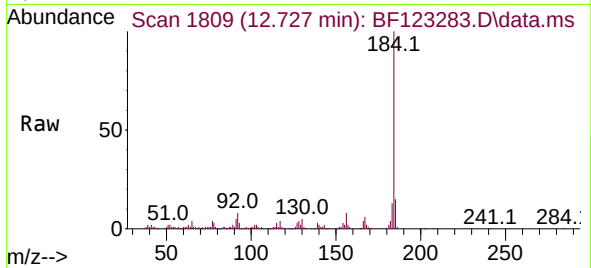




#77
Benzidine
Concen: 29.28 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

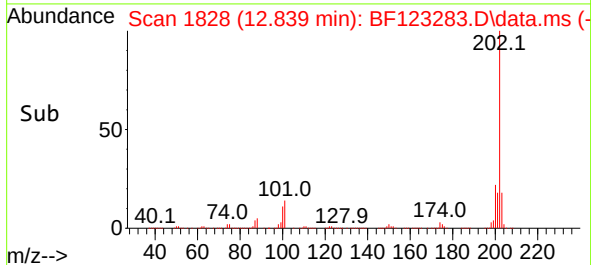
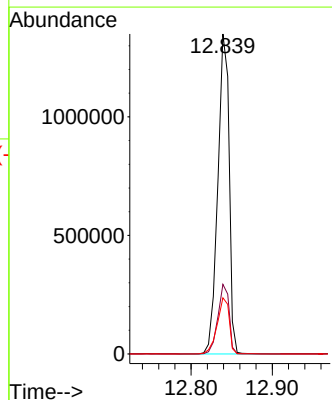
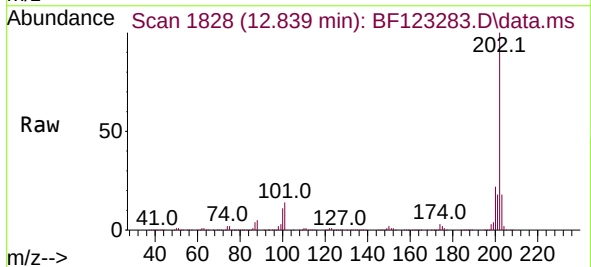
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

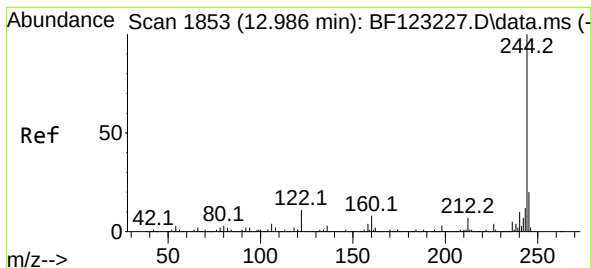
Tgt Ion:184 Resp: 355788
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.7 9.7 14.5



#78
Pyrene
Concen: 44.55 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:202 Resp: 1308493
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 61.88 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

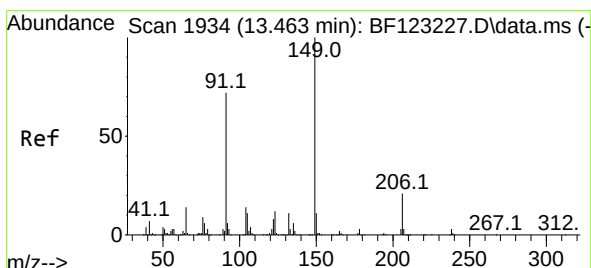
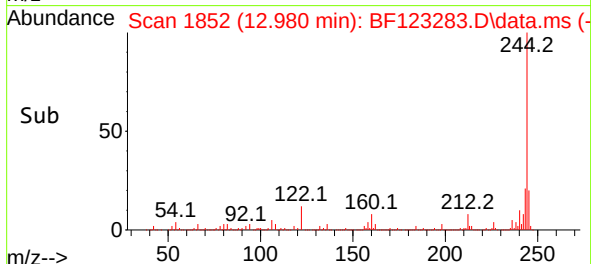
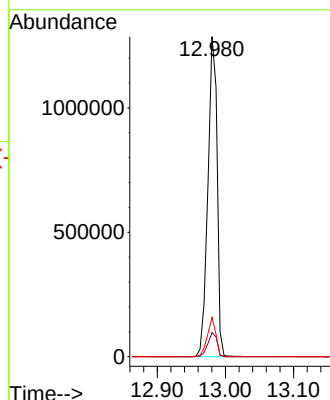
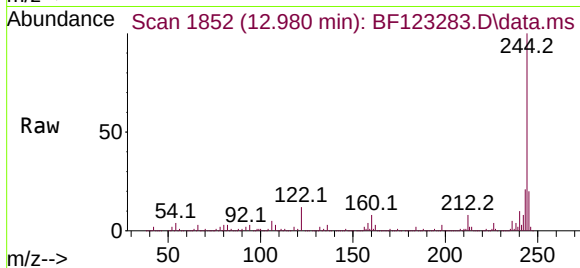
Tgt Ion:244 Resp: 1210723

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 12.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 45.26 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

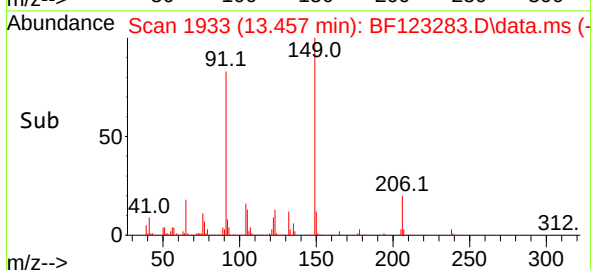
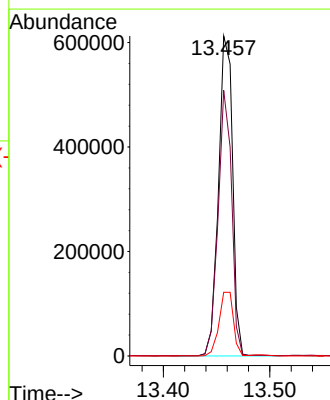
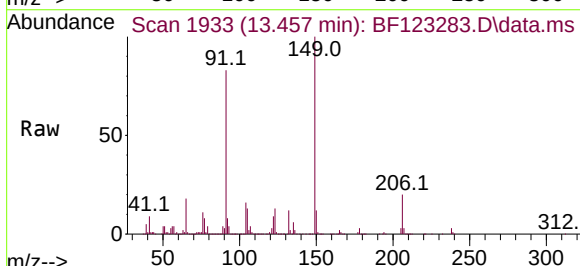
Tgt Ion:149 Resp: 561966

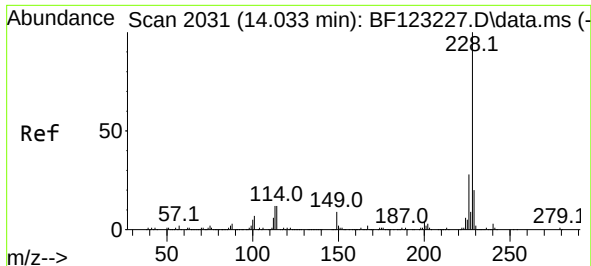
Ion Ratio Lower Upper

149 100

91 83.0 56.5 84.7

206 19.9 17.0 25.6

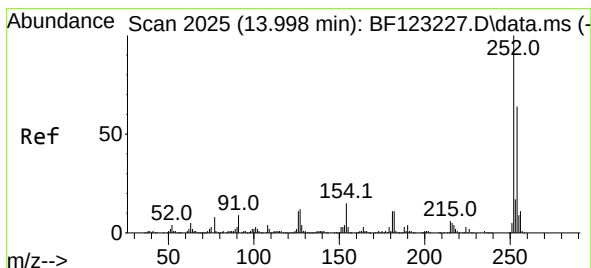
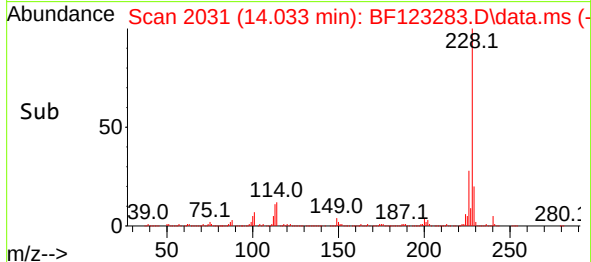
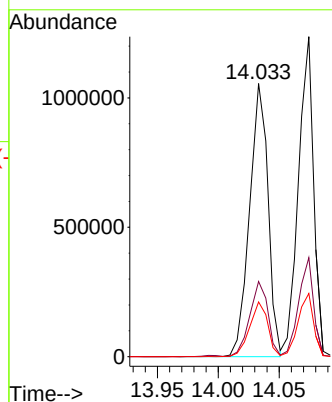
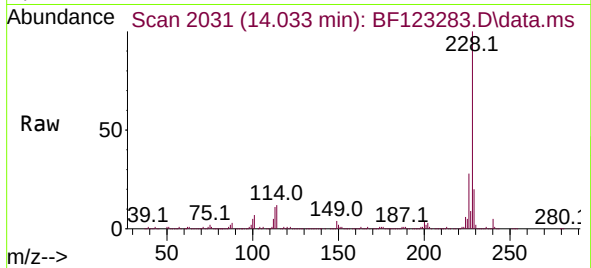




#81
Benzo(a)anthracene
Concen: 43.58 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

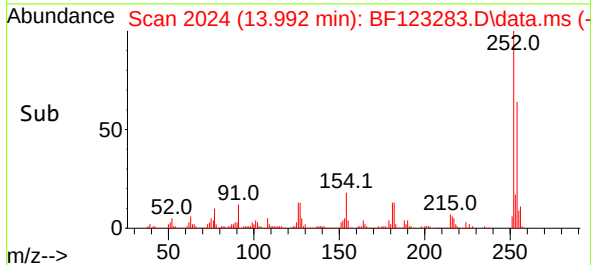
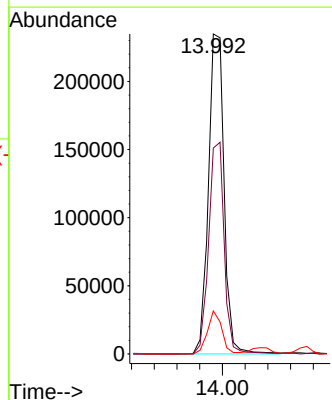
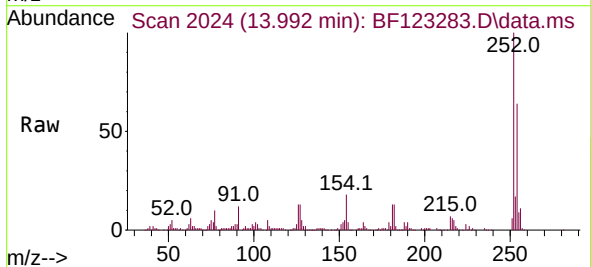
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

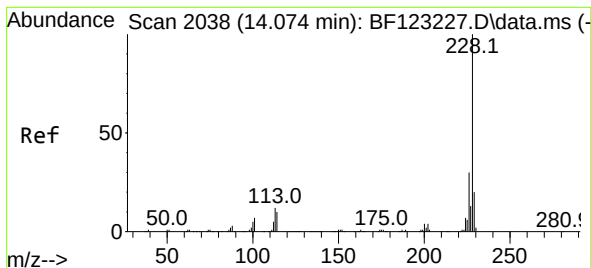
Tgt Ion:228 Resp: 1114224
Ion Ratio Lower Upper
228 100
226 27.5 23.0 34.4
229 20.1 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 26.43 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:252 Resp: 224635
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 13.5 8.0 12.0#





#83

Chrysene

Concen: 42.98 ng

RT: 14.074 min Scan# 2038

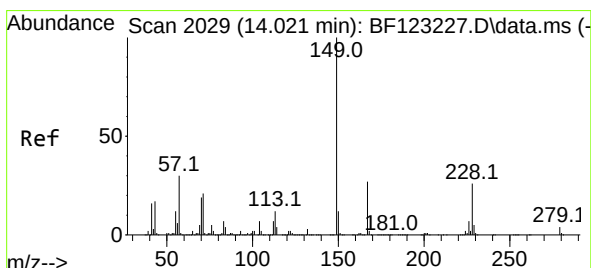
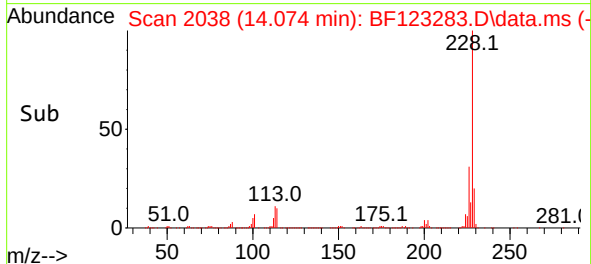
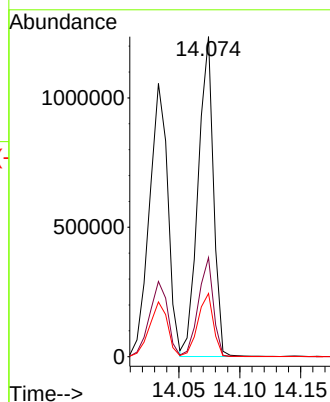
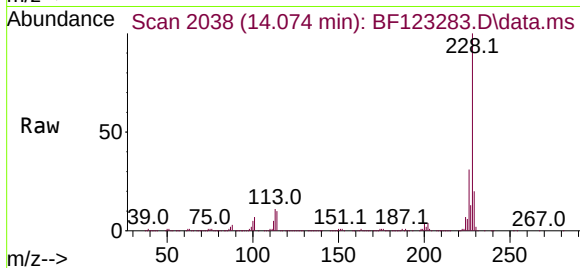
Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion:228 Resp: 1079284

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	19.7	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.97 ng

RT: 14.021 min Scan# 2029

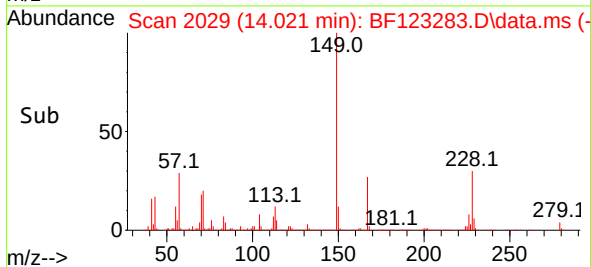
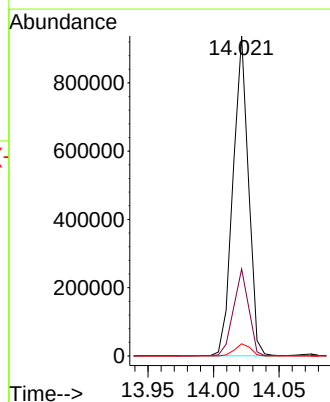
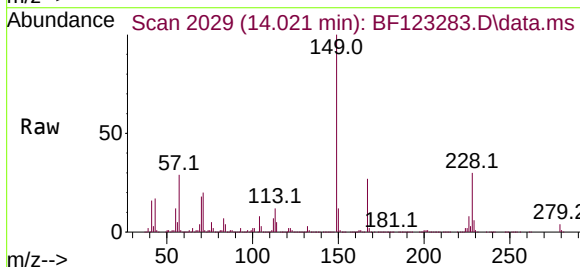
Delta R.T. 0.000 min

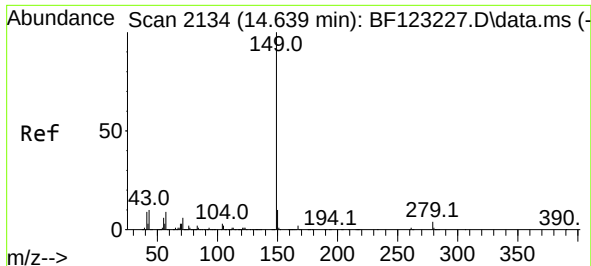
Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion:149 Resp: 768629

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.2
279	3.8	3.4	5.0

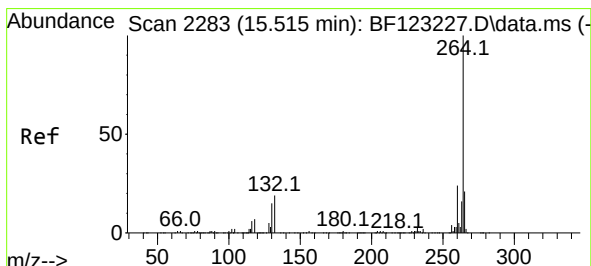
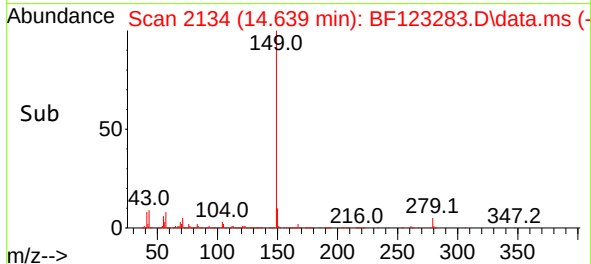
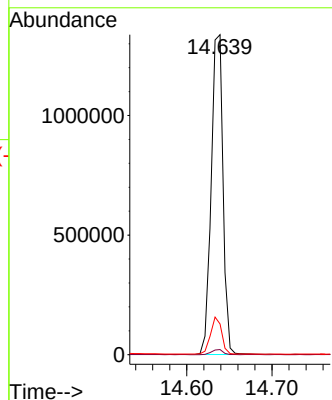
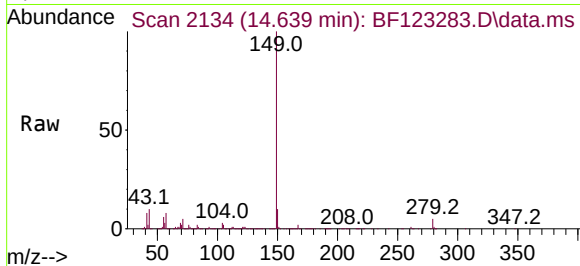




#85
Di-n-octyl phthalate
Concen: 44.12 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

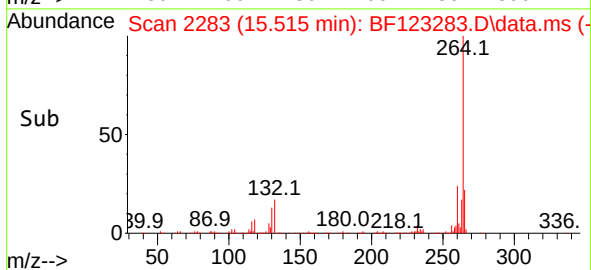
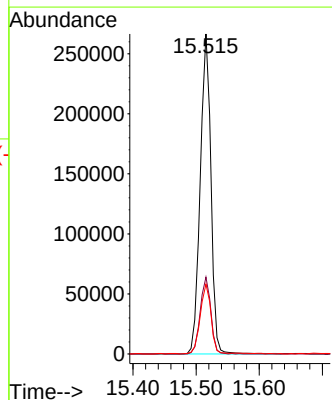
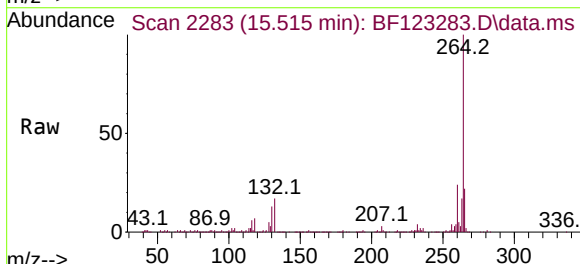
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

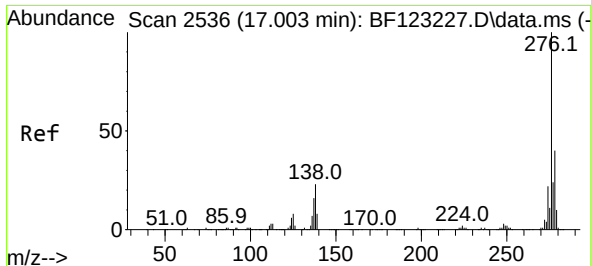
Tgt Ion:149 Resp: 1288563
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:264 Resp: 312605
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.8 17.0 25.6

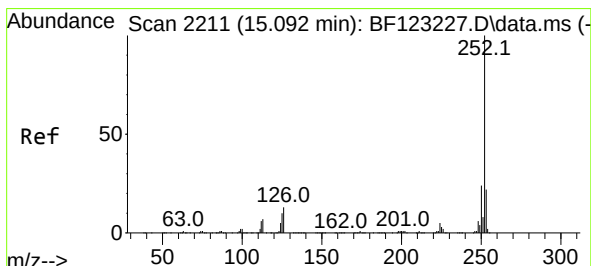
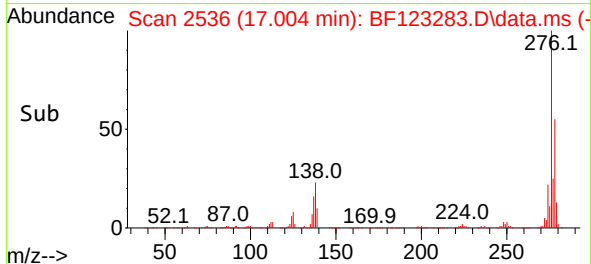
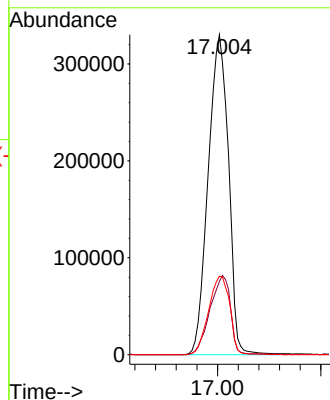
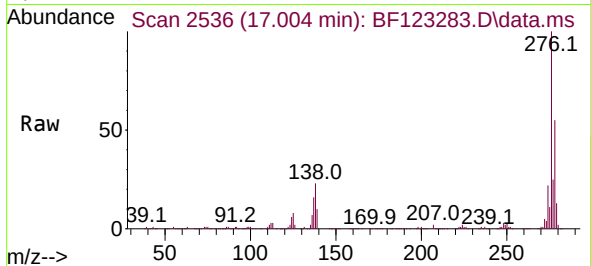




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.70 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

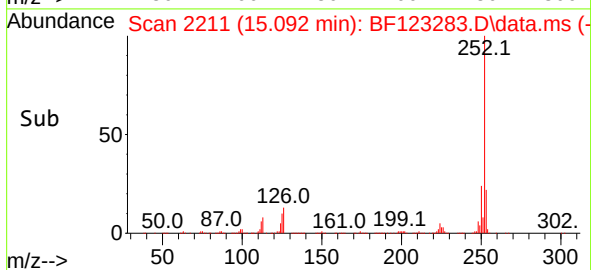
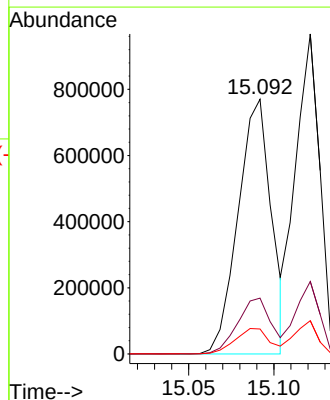
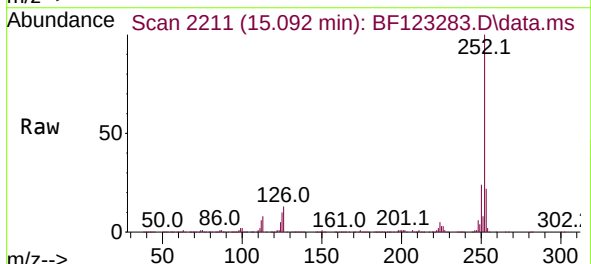
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

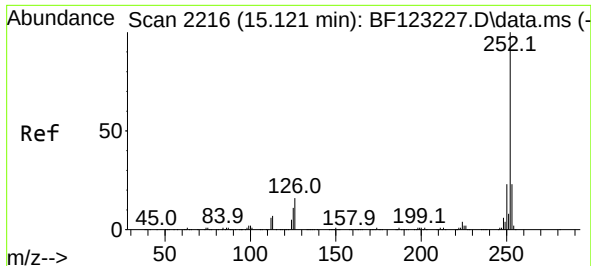
Tgt Ion:276 Resp: 900853
Ion Ratio Lower Upper
276 100
138 24.9 18.7 28.1
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 47.62 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:252 Resp: 1045575
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 48.28 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

Tgt Ion:252 Resp: 960987

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

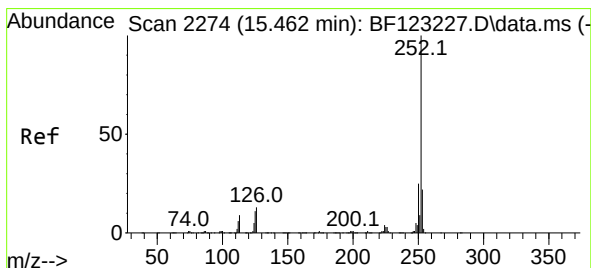
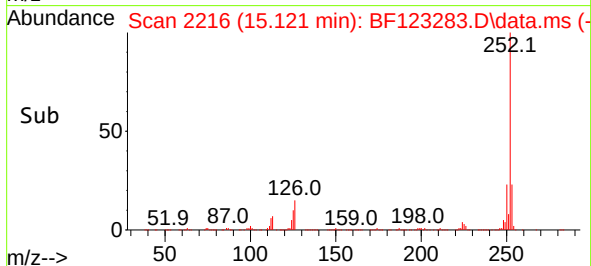
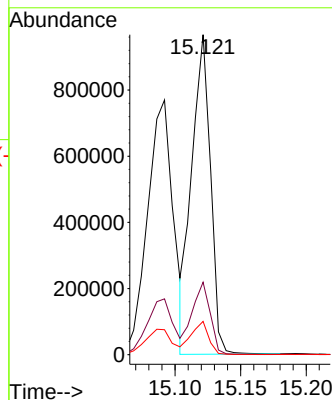
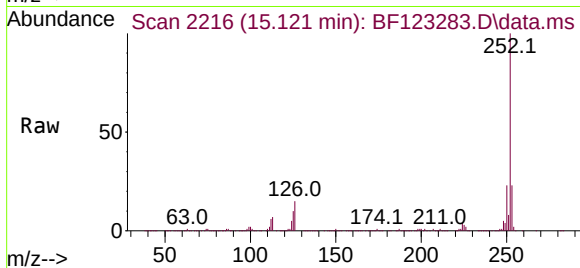
125 10.4 8.4 12.6

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



#90

Benzo(a)pyrene

Concen: 44.92 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF123283.D

Acq: 23 Feb 2021 16:24

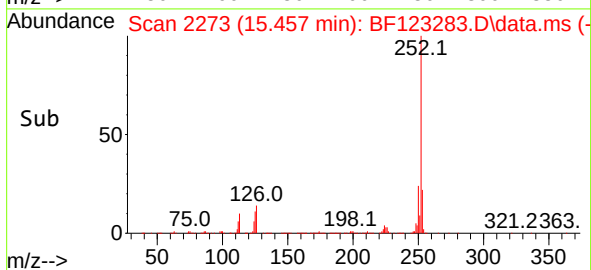
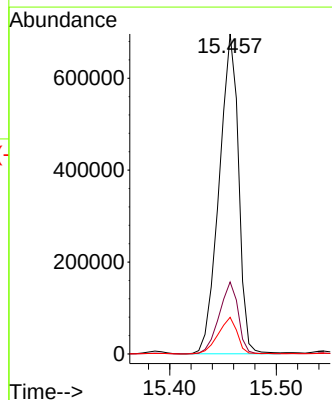
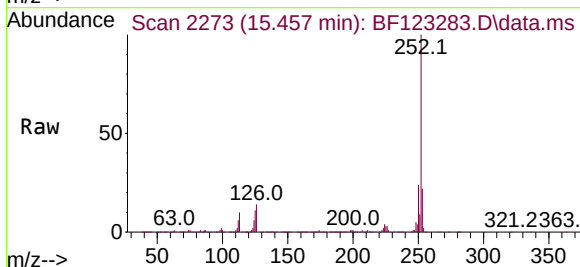
Tgt Ion:252 Resp: 879381

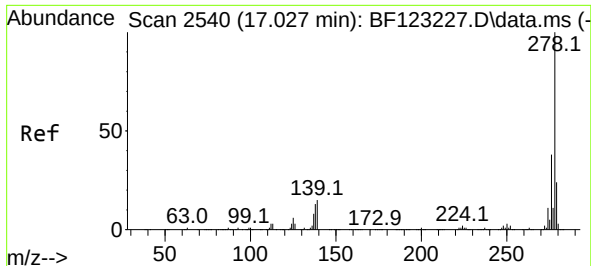
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 11.4 8.6 12.8

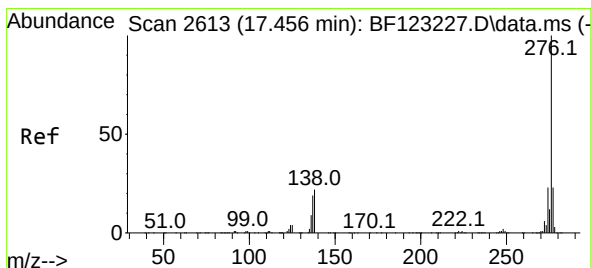
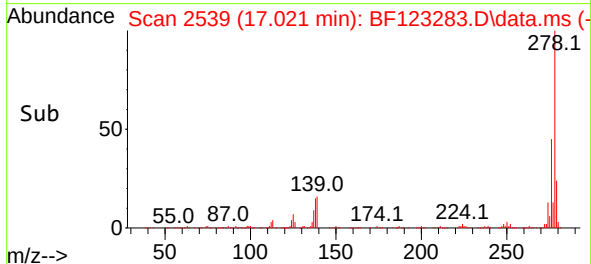
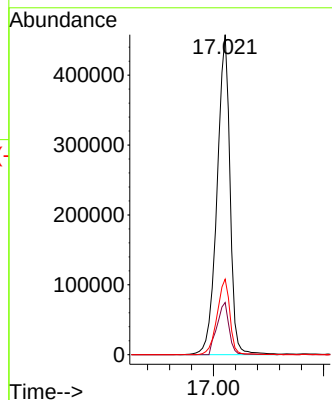
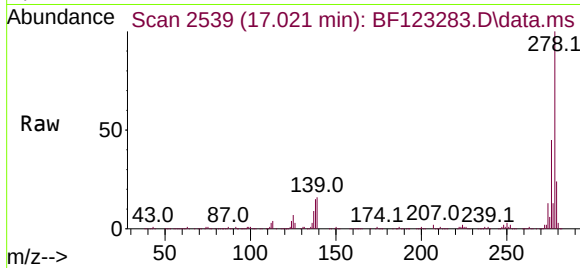




#91
Dibenzo(a,h)anthracene
Concen: 40.38 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:278 Resp: 748433
Ion Ratio Lower Upper
278 100
139 16.3 12.0 18.0
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 42.03 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF123283.D
Acq: 23 Feb 2021 16:24

Tgt Ion:276 Resp: 717520
Ion Ratio Lower Upper
276 100
277 23.0 19.3 28.9
138 21.8 16.6 24.8

