

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123282.D
 Acq On : 23 Feb 2021 15:51
 Operator : JU/CG
 Sample : M1452-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Feb 23 23:51:57 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	101798	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	419443	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	212657	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	407976	20.00	ng	0.00
76) Chrysene-d12	14.045	240	320792	20.00	ng	0.00
86) Perylene-d12	15.515	264	252863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	755473	106.82	ng	0.00
7) Phenol-d6	6.498	99	976780	101.66	ng	0.00
23) Nitrobenzene-d5	7.422	82	645155	70.41	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	230764	106.57	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	989997	66.87	ng	0.00
79) Terphenyl-d14	12.980	244	1056795	63.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	125000	30.63	ng	90
3) Pyridine	3.393	79	356591	35.86	ng	95
4) n-Nitrosodimethylamine	3.334	42	186497	40.56	ng	83
6) Aniline	6.516	93	238632	21.03	ng	# 53
8) 2-Chlorophenol	6.645	128	349995	46.06	ng	96
9) Benzaldehyde	6.404	77	136008	24.42	ng	92
10) Phenol	6.510	94	560077	53.49	ng	97
11) bis(2-Chloroethyl)ether	6.593	93	344245	45.84	ng	98
12) 1,3-Dichlorobenzene	6.798	146	356940	45.16	ng	# 94
13) 1,4-Dichlorobenzene	6.875	146	360331	44.74	ng	95
14) 1,2-Dichlorobenzene	7.028	146	347651	46.40	ng	96
15) Benzyl Alcohol	6.998	79	342278	45.69	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	445974	43.29	ng	97
17) 2-Methylphenol	7.116	107	301117	47.12	ng	93
18) Hexachloroethane	7.369	117	140951	48.44	ng	91
19) n-Nitroso-di-n-propyla...	7.275	70	265471	46.44	ng	98
20) 3+4-Methylphenols	7.269	107	373287	44.48	ng	# 86
22) Acetophenone	7.269	105	498495	45.82	ng	# 93
24) Nitrobenzene	7.440	77	414565	42.91	ng	91
25) Isophorone	7.681	82	714390	41.69	ng	97
26) 2-Nitrophenol	7.757	139	182937	45.20	ng	# 88
27) 2,4-Dimethylphenol	7.798	122	289969	46.29	ng	94
28) bis(2-Chloroethoxy)met...	7.887	93	423206	47.19	ng	99
29) 2,4-Dichlorophenol	8.004	162	284577	44.00	ng	96
30) 1,2,4-Trichlorobenzene	8.081	180	305717	43.47	ng	99
31) Naphthalene	8.163	128	986403	42.91	ng	99
32) Benzoic acid	7.928	122	210739	45.60	ng	91
33) 4-Chloroaniline	8.210	127	79048	8.45	ng	# 91
34) Hexachlorobutadiene	8.281	225	167280	42.17	ng	99
35) Caprolactam	8.587	113	67379	31.04	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	352545	45.85	ng	90
37) 2-Methylnaphthalene	8.857	142	660611	43.14	ng	98
38) 1-Methylnaphthalene	8.957	142	623493	43.54	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	291296	45.84	ng	# 98
41) Hexachlorocyclopentadiene	9.010	237	304285	102.21	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	198859	44.13	ng	92

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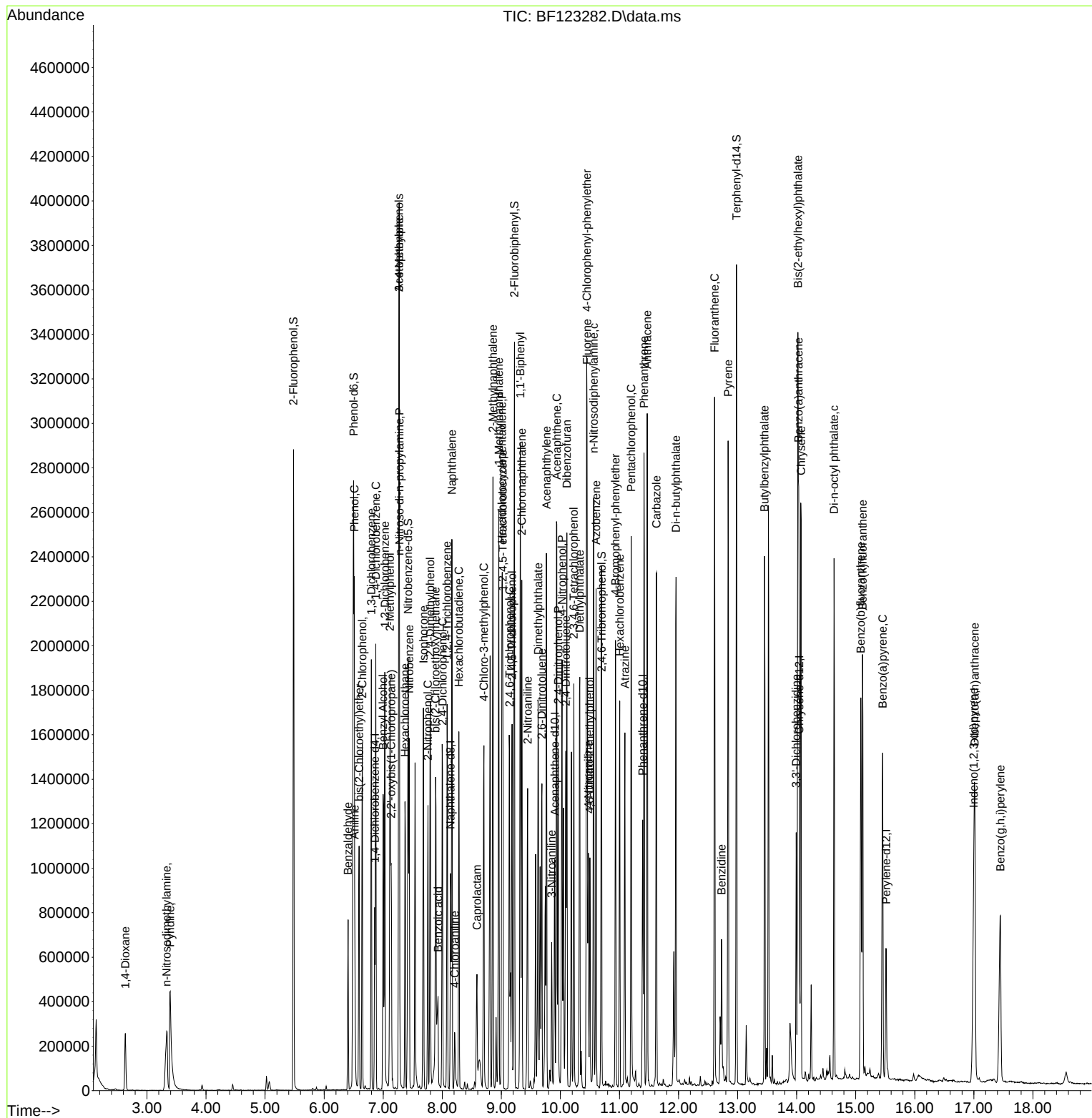
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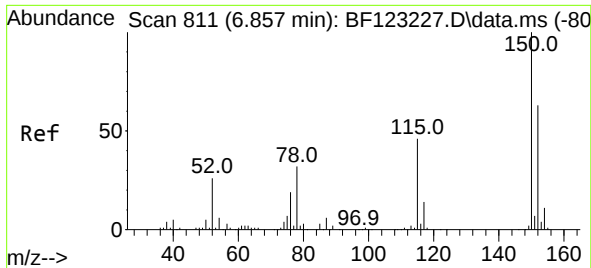
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	212535	44.07	ng	93
46) 1,1'-Biphenyl	9.322	154	806998	45.75	ng	98
47) 2-Chloronaphthalene	9.345	162	613224	44.06	ng	97
48) 2-Nitroaniline	9.445	65	235710	47.27	ng	# 83
49) Acenaphthylene	9.763	152	938679	44.46	ng	99
50) Dimethylphthalate	9.622	163	743950	46.78	ng	99
51) 2,6-Dinitrotoluene	9.686	165	162681	44.39	ng	# 81
52) Acenaphthene	9.939	154	595755	40.92	ng	97
53) 3-Nitroaniline	9.851	138	86262	21.21	ng	# 70
54) 2,4-Dinitrophenol	9.963	184	164582	85.49	ng	# 80
55) Dibenzofuran	10.110	168	845707	42.91	ng	95
56) 4-Nitrophenol	10.028	139	291367	89.88	ng	# 69
57) 2,4-Dinitrotoluene	10.092	165	225958	45.85	ng	92
58) Fluorene	10.451	166	682835	44.02	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	175090	45.50	ng	# 86
60) Diethylphthalate	10.328	149	713710	45.32	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	326204	44.18	ng	99
62) 4-Nitroaniline	10.475	138	171938	41.99	ng	85
63) Azobenzene	10.604	77	775786	42.75	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	117734	42.87	ng	# 73
66) n-Nitrosodiphenylamine	10.563	169	591120	41.90	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191070	42.96	ng	# 91
68) Hexachlorobenzene	11.004	284	206773	44.13	ng	96
69) Atrazine	11.092	200	167027	37.46	ng	97
70) Pentachlorophenol	11.198	266	255908	86.50	ng	99
71) Phenanthrene	11.416	178	1037610	43.01	ng	99
72) Anthracene	11.469	178	1087468	45.17	ng	99
73) Carbazole	11.628	167	956882	42.21	ng	99
74) Di-n-butylphthalate	11.957	149	1098119	43.33	ng	99
75) Fluoranthene	12.610	202	1142615	44.68	ng	98
77) Benzidine	12.727	184	240180	23.18	ng	99
78) Pyrene	12.839	202	1158808	46.27	ng	100
80) Butylbenzylphthalate	13.457	149	480709	45.41	ng	89
81) Benzo(a)anthracene	14.033	228	960378	44.05	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	206341	28.47	ng	# 99
83) Chrysene	14.074	228	934013	43.62	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	630549	43.26	ng	99
85) Di-n-octyl phthalate	14.633	149	1027022	41.24	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	774573	44.32	ng	98
88) Benzo(b)fluoranthene	15.086	252	889802	50.10	ng	99
89) Benzo(k)fluoranthene	15.116	252	742574	46.12	ng	100
90) Benzo(a)pyrene	15.457	252	702785	44.38	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	641083	42.76	ng	99
92) Benzo(g,h,i)perylene	17.451	276	639019	46.28	ng	100

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

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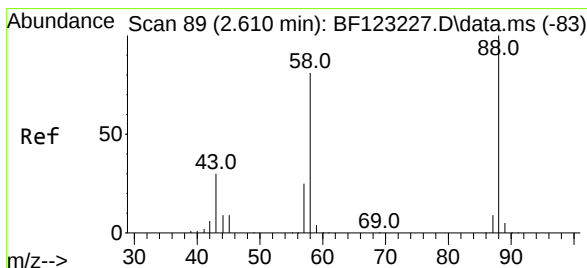
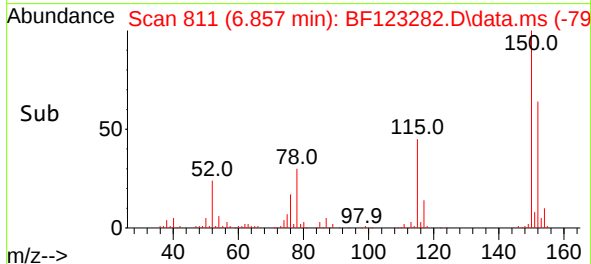
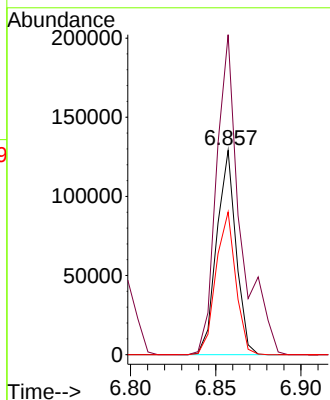
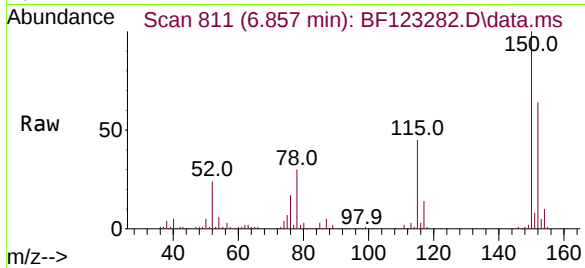




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

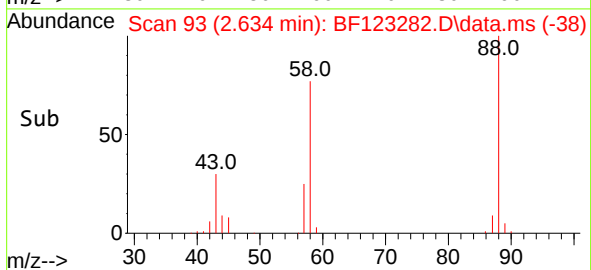
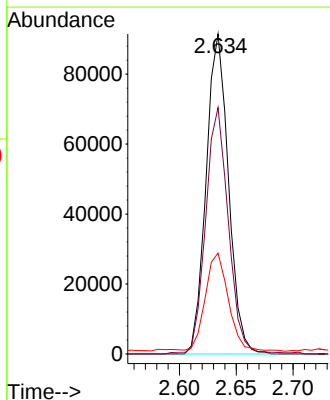
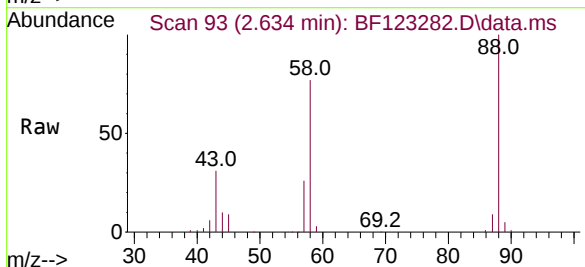
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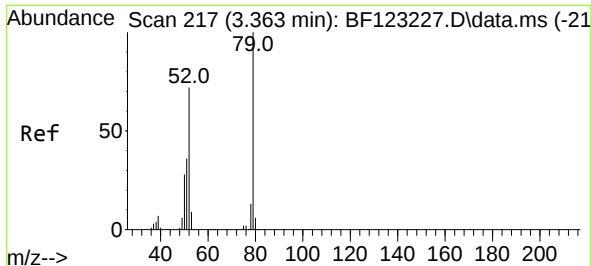
Tgt Ion:152 Resp: 101798
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.8 188.6
 115 69.8 49.3 73.9



#2
 1,4-Dioxane
 Concen: 30.63 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.024 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

Tgt Ion: 88 Resp: 125000
 Ion Ratio Lower Upper
 88 100
 58 78.6 56.2 84.2
 43 31.8 21.8 32.6

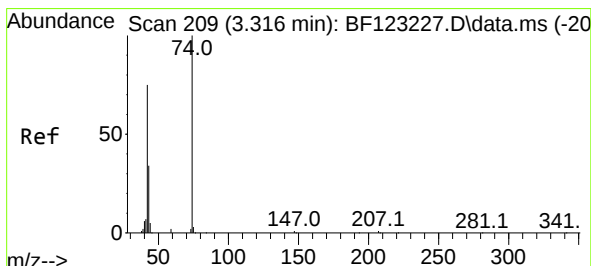
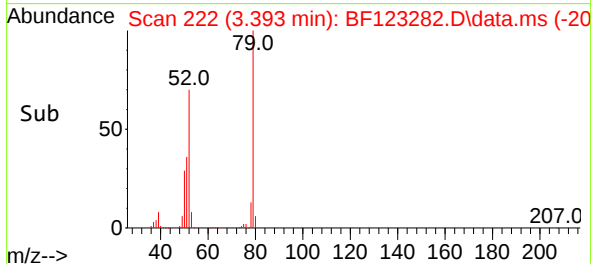
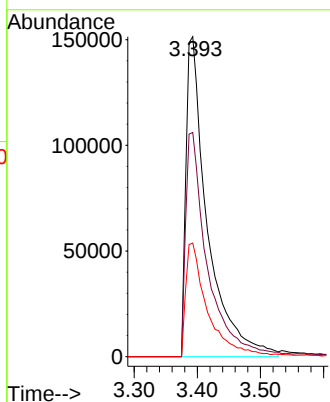
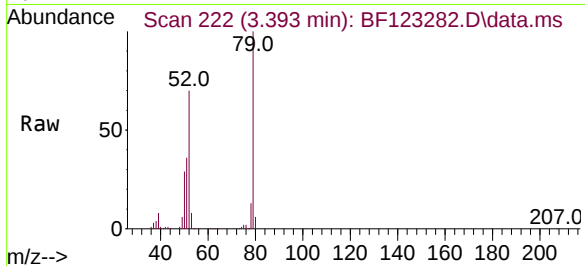




#3
Pyridine
Concen: 35.86 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.030 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

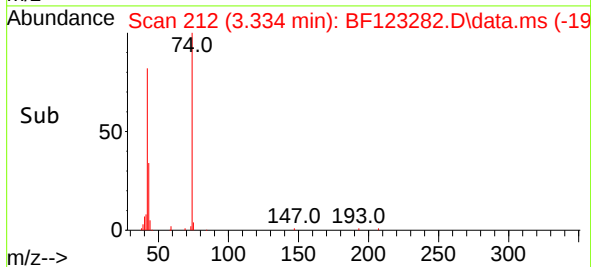
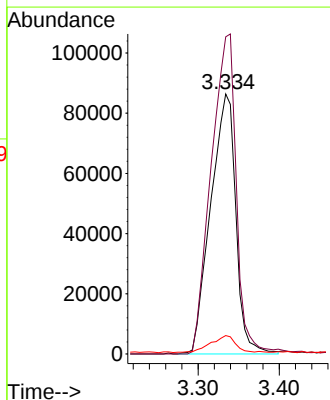
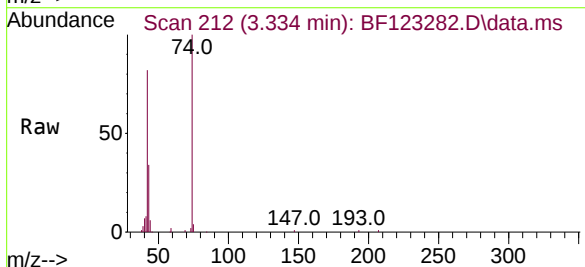
Instrument :
BNA_F
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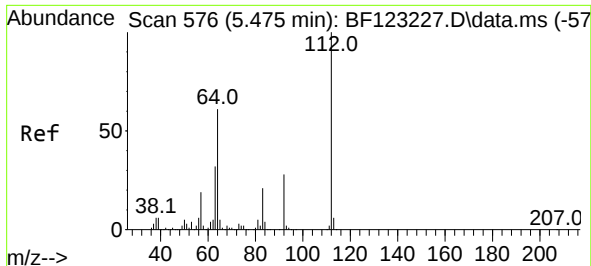
Tgt Ion: 79 Resp: 356591
Ion Ratio Lower Upper
79 100
52 70.0 53.0 79.4
51 35.5 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 40.56 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.018 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 42 Resp: 186497
Ion Ratio Lower Upper
42 100
74 122.0 115.2 172.8
44 7.1 5.4 8.0

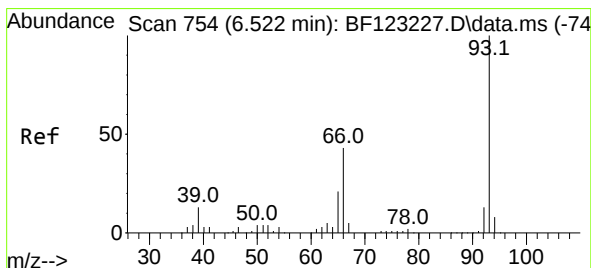
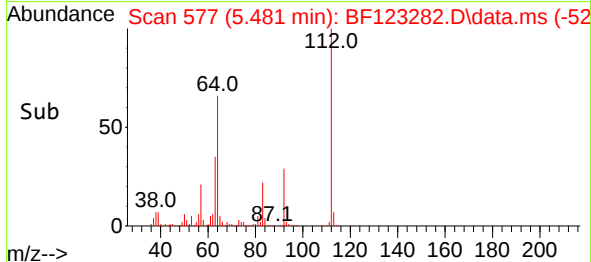
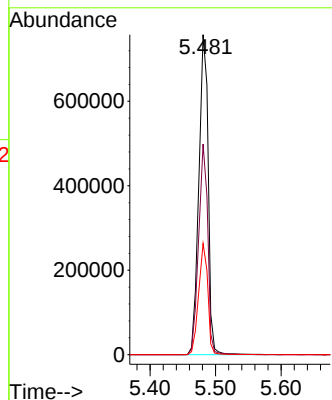
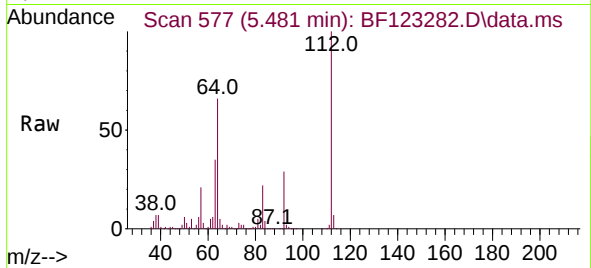




#5
2-Fluorophenol
Concen: 106.82 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

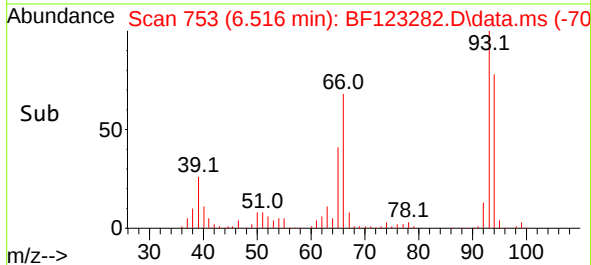
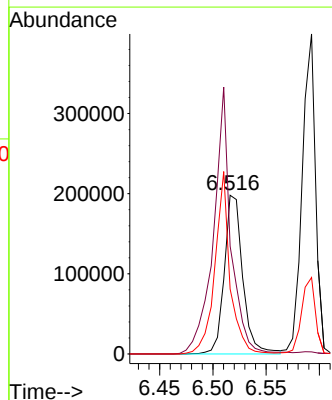
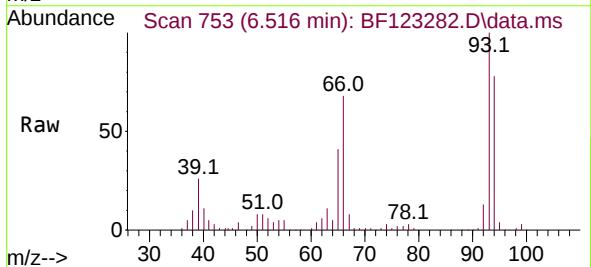
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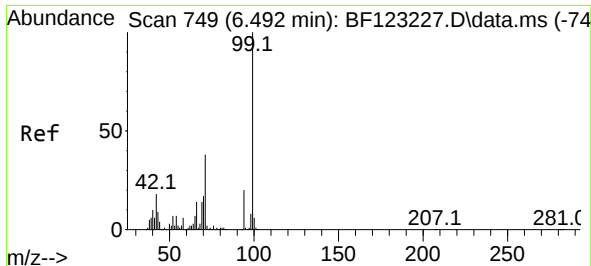
Tgt Ion:112 Resp: 755473
Ion Ratio Lower Upper
112 100
64 65.8 46.9 70.3
63 34.8 24.5 36.7



#6
Aniline
Concen: 21.03 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 93 Resp: 238632
Ion Ratio Lower Upper
93 100
66 67.9 31.3 46.9#
65 40.9 15.6 23.4#

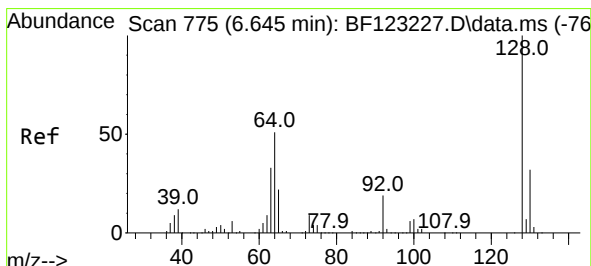
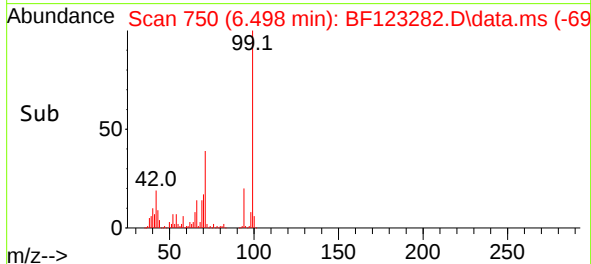
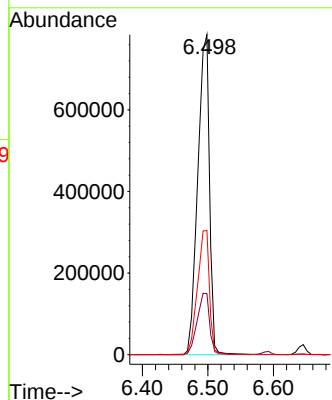
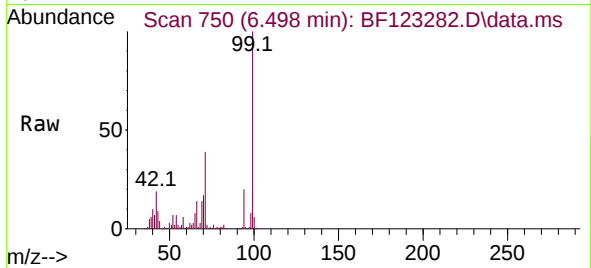




#7
Phenol-d6
Concen: 101.66 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

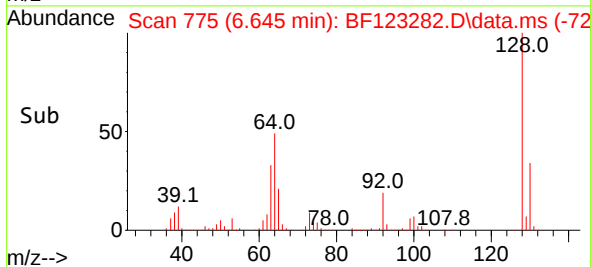
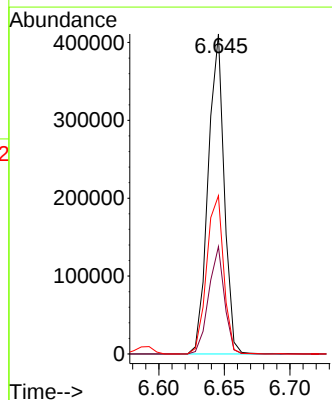
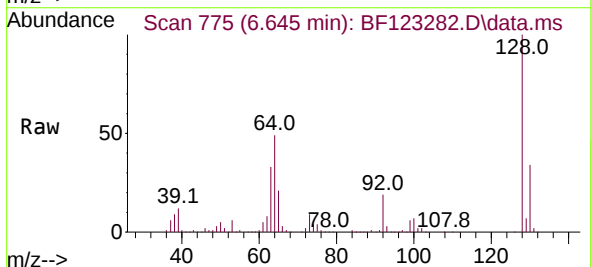
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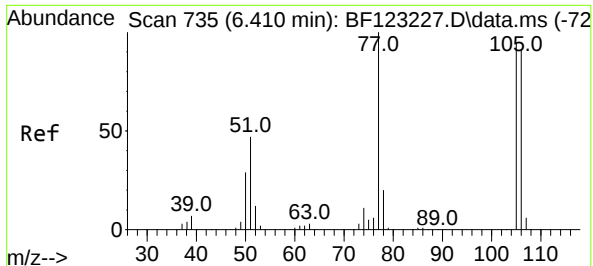
Tgt Ion: 99 Resp: 976780
Ion Ratio Lower Upper
99 100
42 19.1 13.8 20.6
71 38.8 26.9 40.3



#8
2-Chlorophenol
Concen: 46.06 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF123282.D
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Tgt Ion:128 Resp: 349995
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 49.4 25.5 65.5

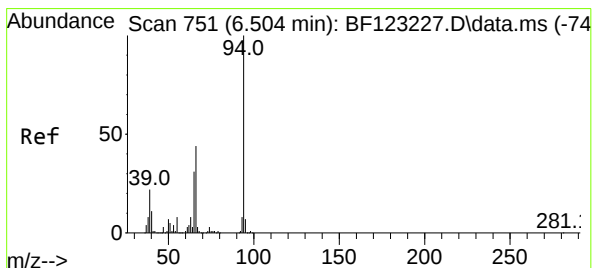
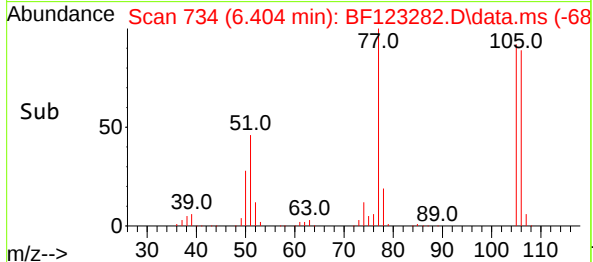
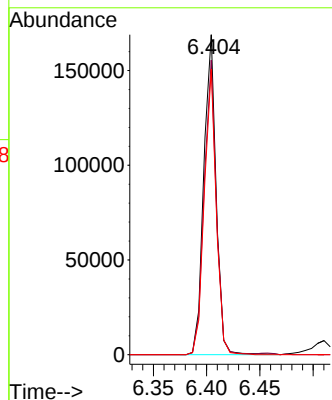
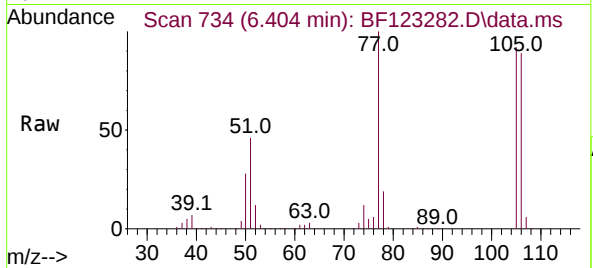




#9
Benzaldehyde
Concen: 24.42 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

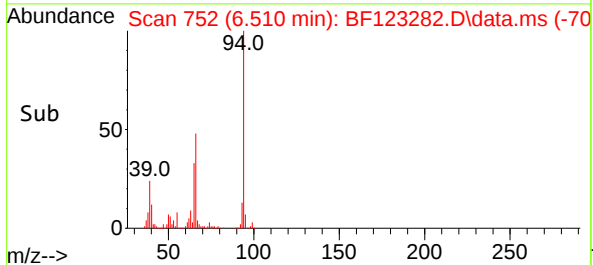
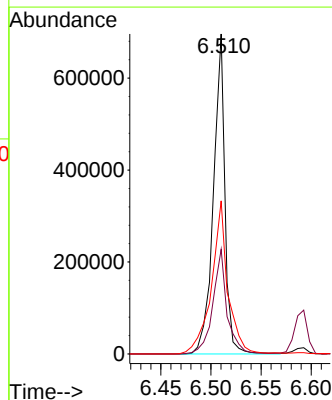
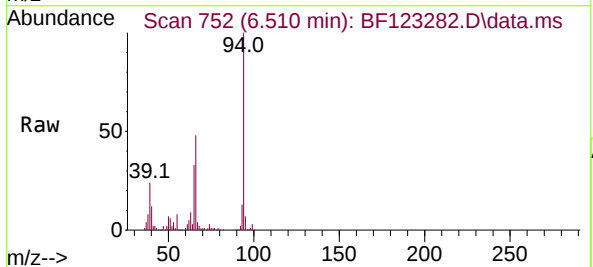
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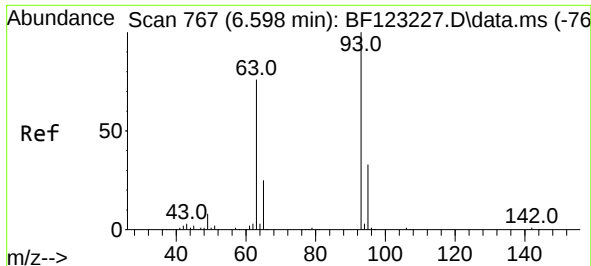
Tgt Ion: 77 Resp: 136008
Ion Ratio Lower Upper
77 100
105 92.0 80.6 120.6
106 89.2 77.2 117.2



#10
Phenol
Concen: 53.49 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF123282.D
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Tgt Ion: 94 Resp: 560077
Ion Ratio Lower Upper
94 100
65 32.7 11.2 51.2
66 47.8 25.8 65.8

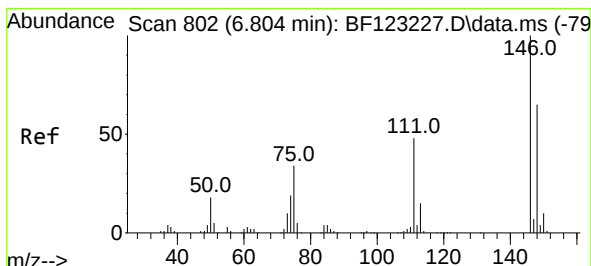
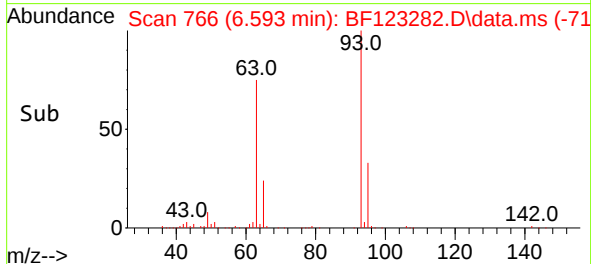
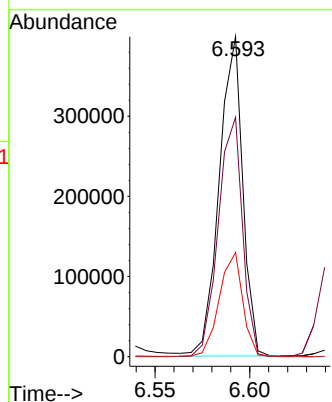
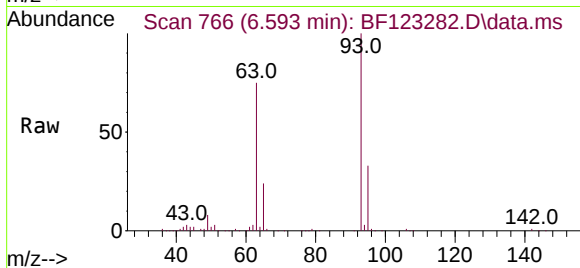




#11
bis(2-Chloroethyl)ether
Concen: 45.84 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

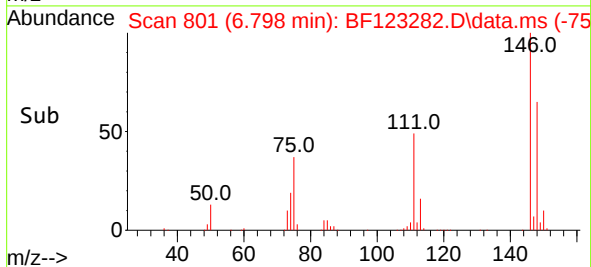
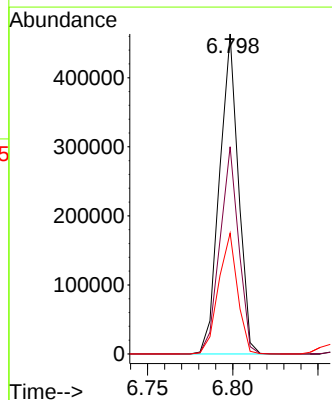
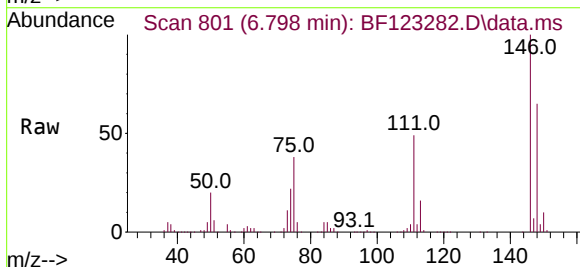
Instrument :
BNA_F
ClientSampleId :
TP-4MS

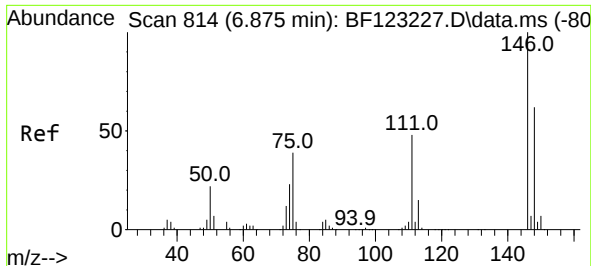
Tgt Ion:	93	Resp:	344245
Ion	Ratio	Lower	Upper
93	100		
63	74.9	52.6	92.6
95	32.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 45.16 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:	146	Resp:	356940
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	37.8	22.5	33.7#





#13

1,4-Dichlorobenzene

Concen: 44.74 ng

RT: 6.875 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

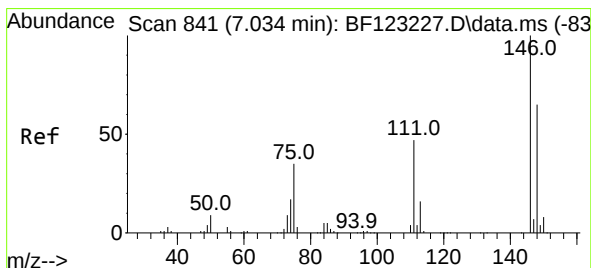
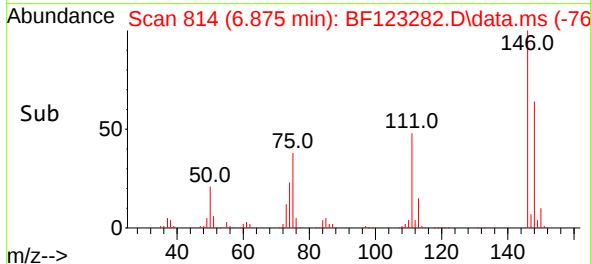
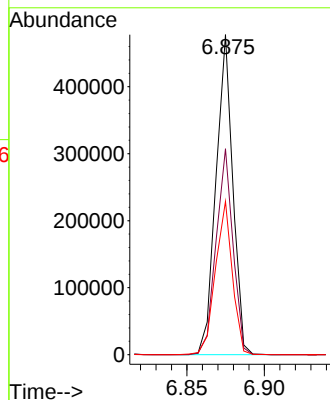
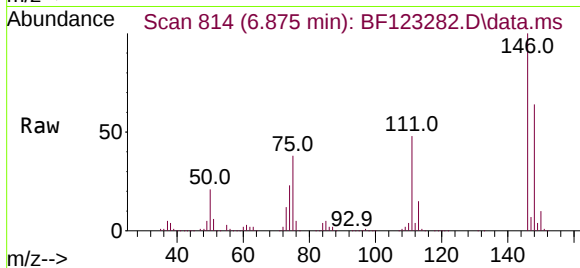
Tgt Ion:146 Resp: 360331

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 47.9 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 46.40 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

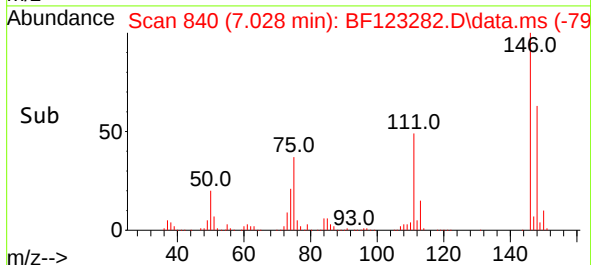
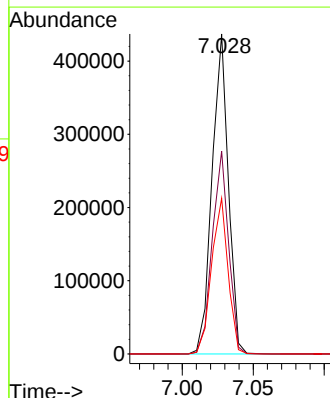
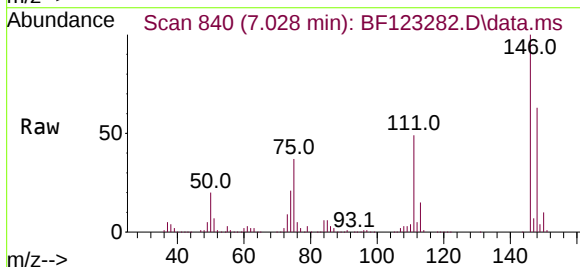
Tgt Ion:146 Resp: 347651

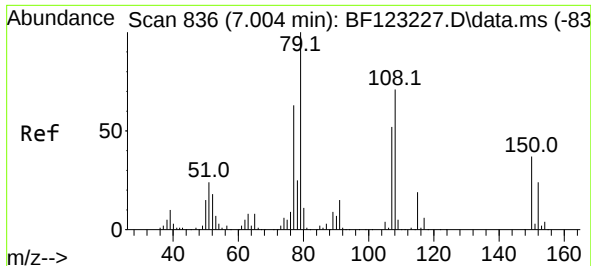
Ion Ratio Lower Upper

146 100

148 63.4 51.5 77.3

111 48.7 34.2 51.2

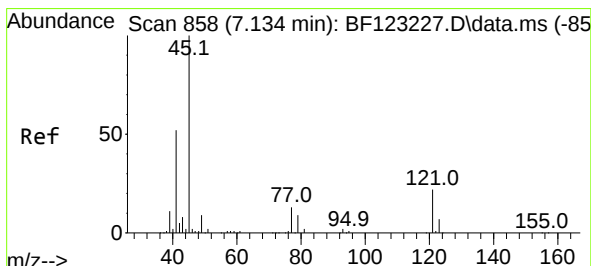
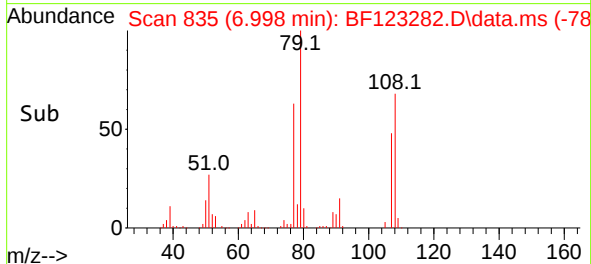
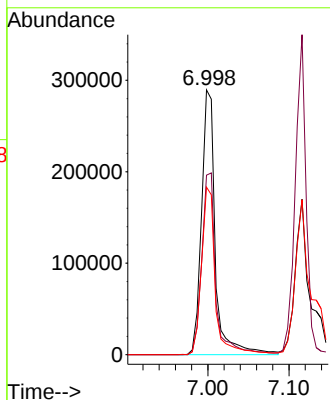
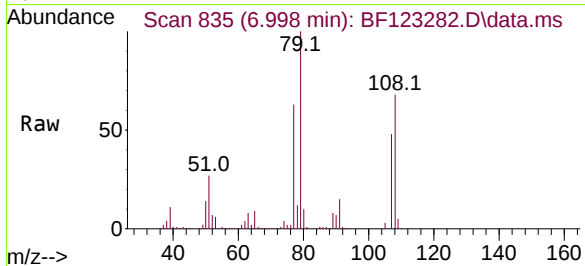




#15
Benzyl Alcohol
Concen: 45.69 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

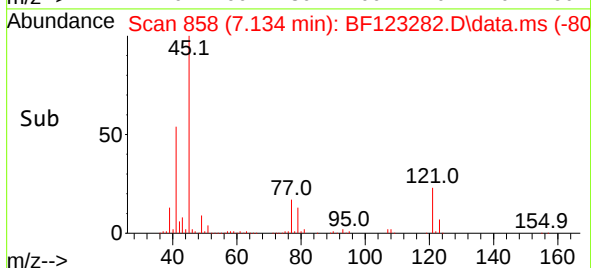
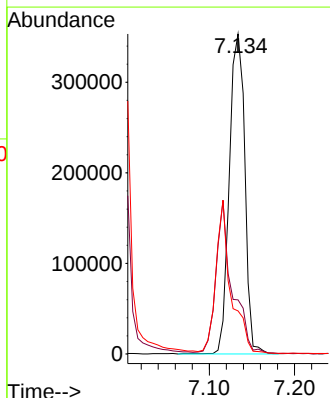
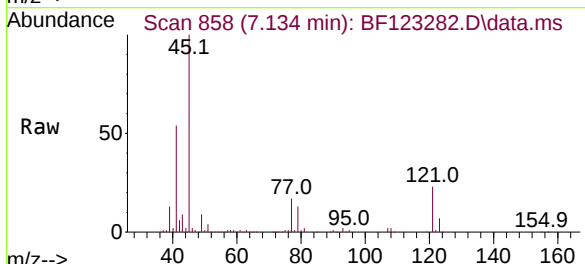
Instrument :
BNA_F
ClientSampleId :
TP-4MS

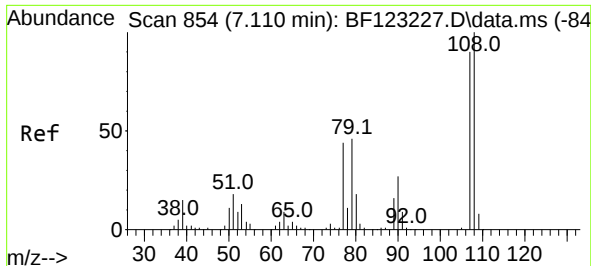
Tgt Ion: 79 Resp: 342278
Ion Ratio Lower Upper
79 100
108 67.8 62.4 93.6
77 63.3 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.29 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 45 Resp: 445974
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.6
79 13.5 0.0 32.4

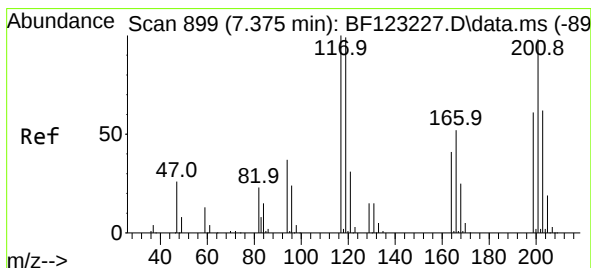
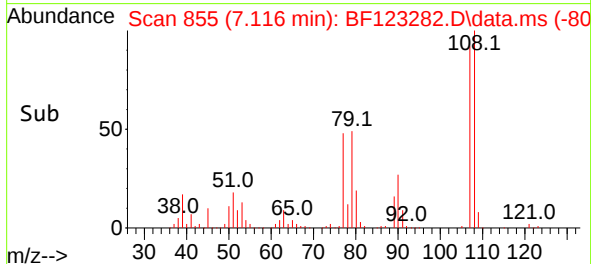
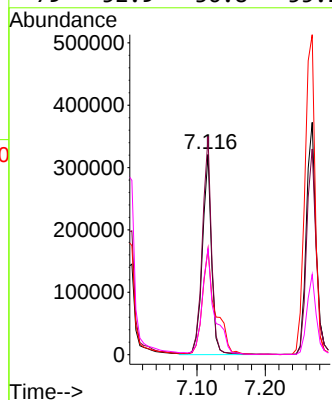
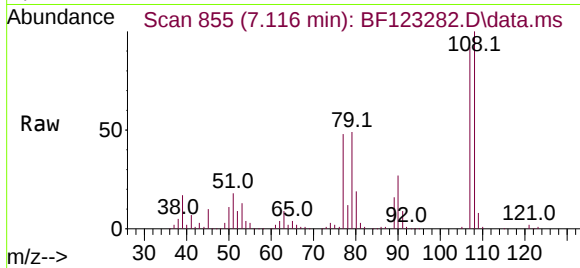




#17
2-Methylphenol
Concen: 47.12 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

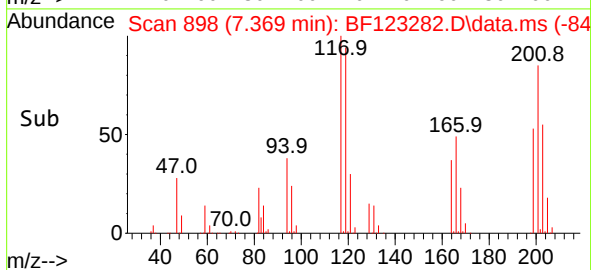
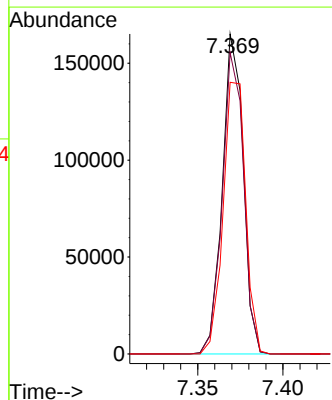
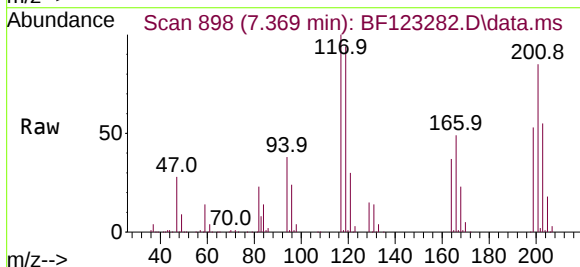
Instrument :
BNA_F
ClientSampleId :
TP-4MS

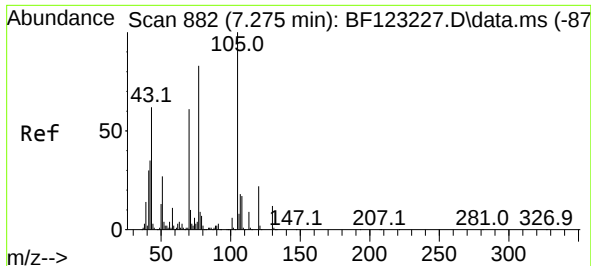
Tgt Ion:	107	Resp:	301117
Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.1	136.7
77	52.8	36.3	54.5
79	52.9	36.8	55.2



#18
Hexachloroethane
Concen: 48.44 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:	117	Resp:	140951
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.4	117.6
201	84.9	79.6	119.4





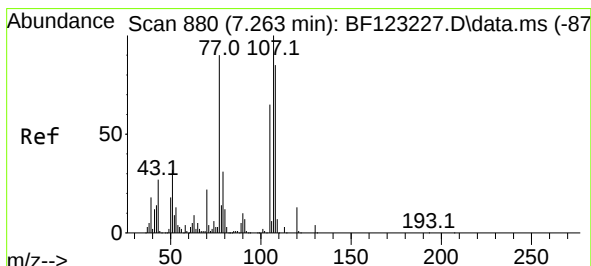
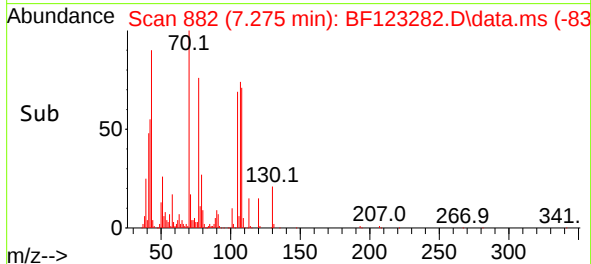
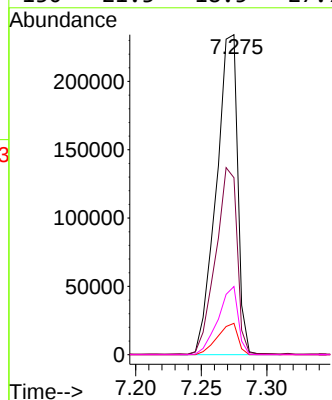
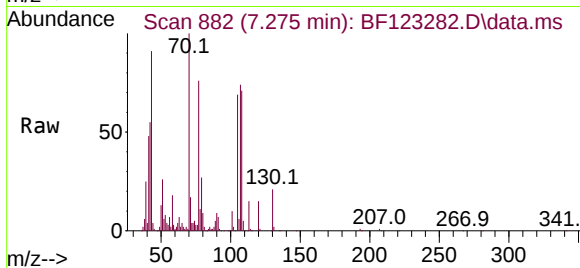
#19

n-Nitroso-di-n-propylamine
Concen: 46.44 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion: 70 Resp: 265471

Ion	Ratio	Lower	Upper
70	100		
42	55.3	43.0	64.4
101	9.8	7.9	11.9
130	21.3	18.5	27.7

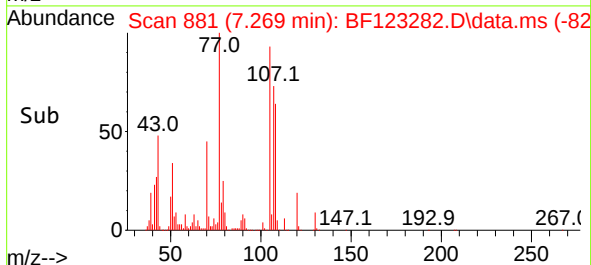
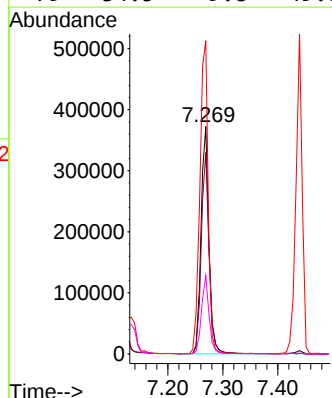
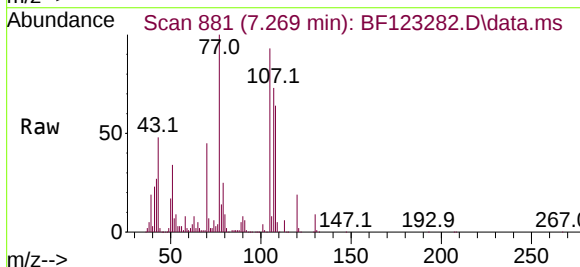


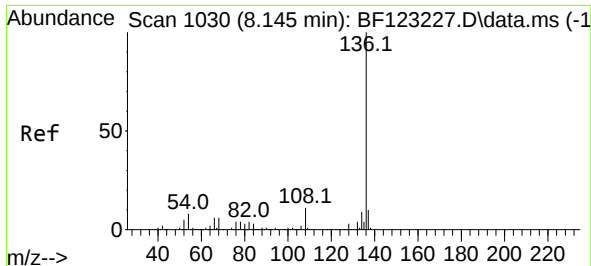
#20

3+4-Methylphenols
Concen: 44.48 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 107 Resp: 373287

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	137.7	89.8	129.8#
79	34.5	9.8	49.8

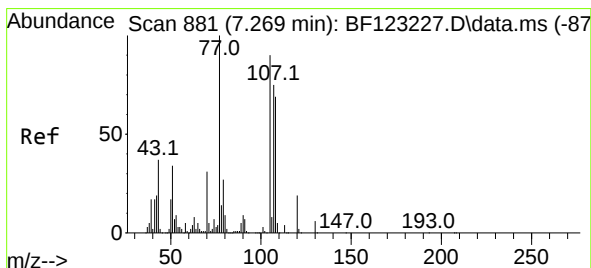
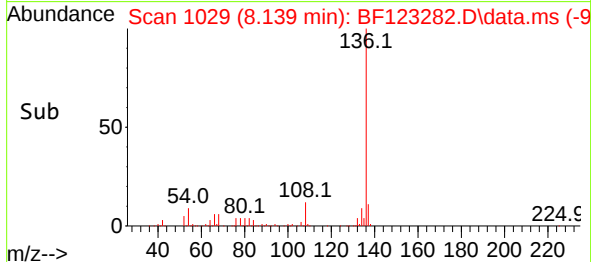
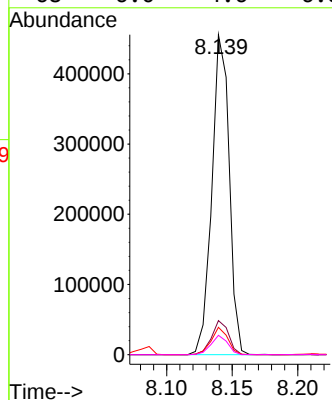
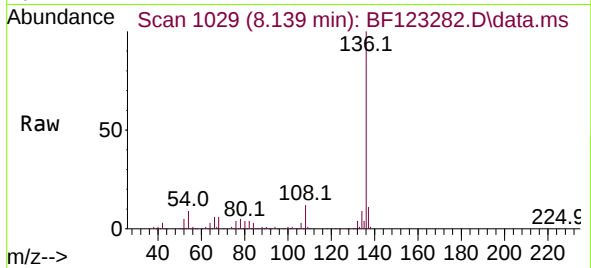




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

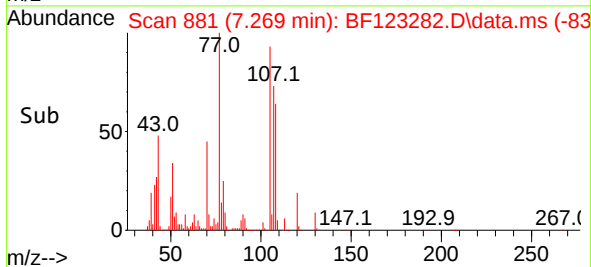
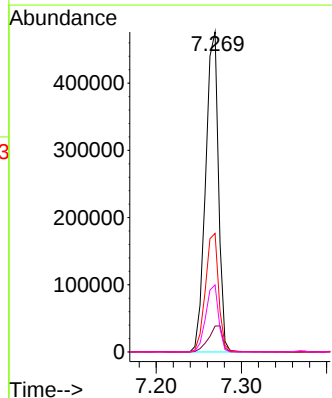
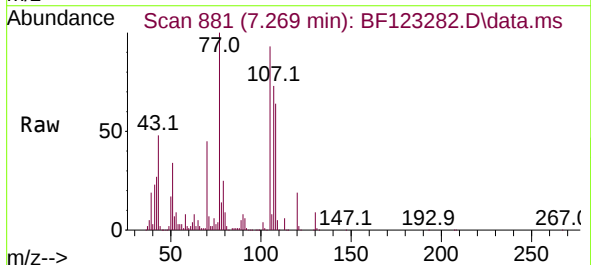
Instrument :
BNA_F
ClientSampleId :
TP-4MS

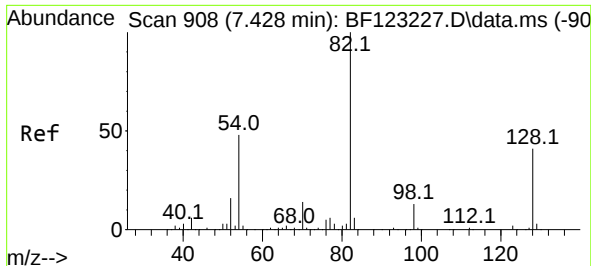
Tgt Ion:136	Resp: 419443
Ion Ratio	Lower Upper
136	100
137	10.6 8.8 13.2
54	8.6 5.5 8.3#
68	6.0 4.6 6.8



#22
Acetophenone
Concen: 45.82 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:105	Resp: 498495
Ion Ratio	Lower Upper
105	100
71	8.1 6.5 9.7
51	37.0 24.3 36.5#
120	21.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 70.41 ng

RT: 7.422 min Scan# 907

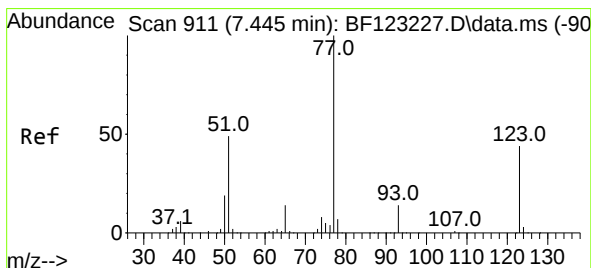
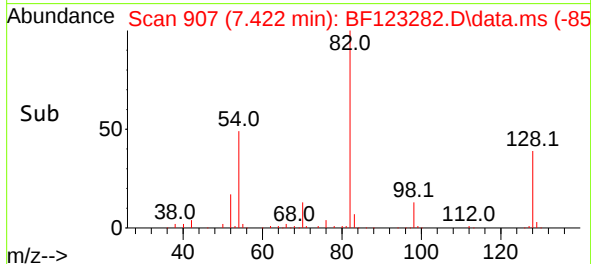
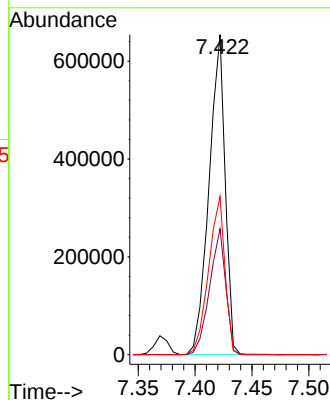
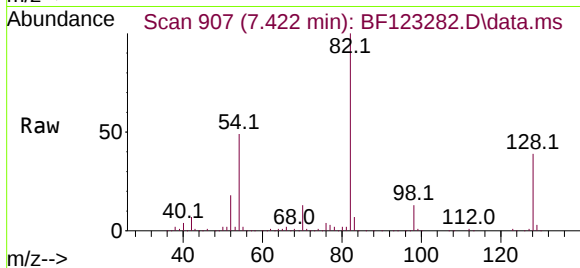
Delta R.T. -0.006 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

Tgt Ion: 82 Resp: 645155

Ion	Ratio	Lower	Upper
82	100		
128	39.3	37.0	55.4
54	49.5	38.4	57.6



#24

Nitrobenzene

Concen: 42.91 ng

RT: 7.440 min Scan# 910

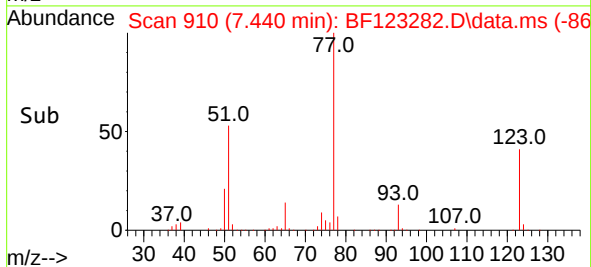
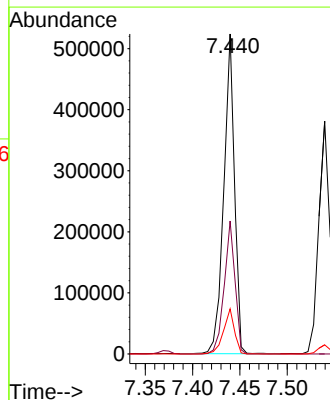
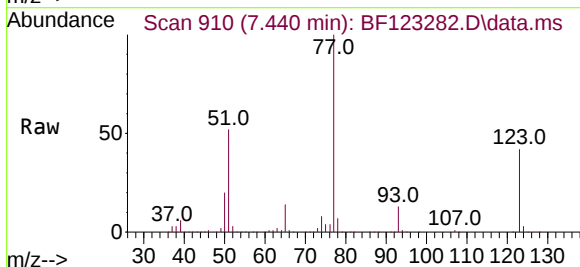
Delta R.T. -0.006 min

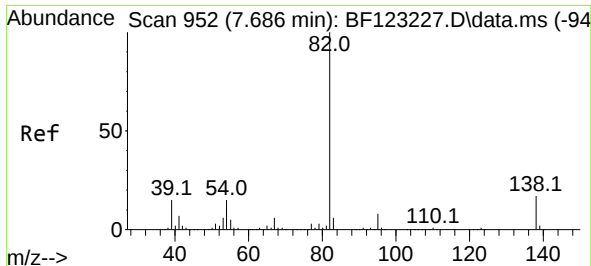
Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

Tgt Ion: 77 Resp: 414565

Ion	Ratio	Lower	Upper
77	100		
123	41.5	39.3	58.9
65	14.1	10.6	15.8

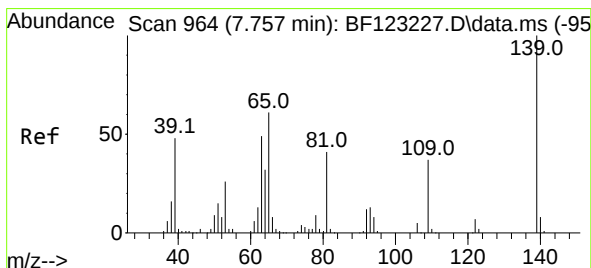
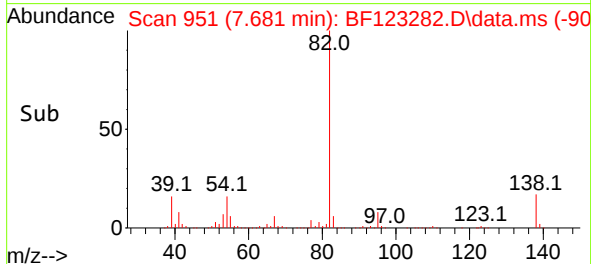
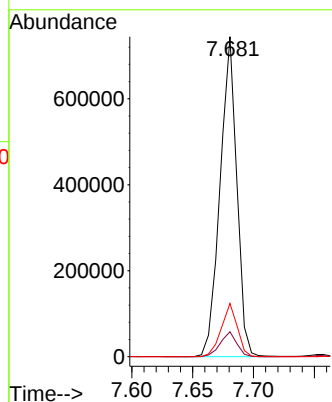
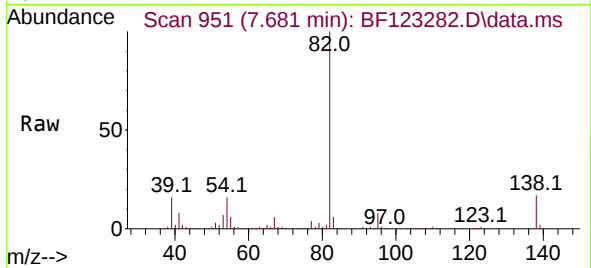




#25
Isophorone
Concen: 41.69 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

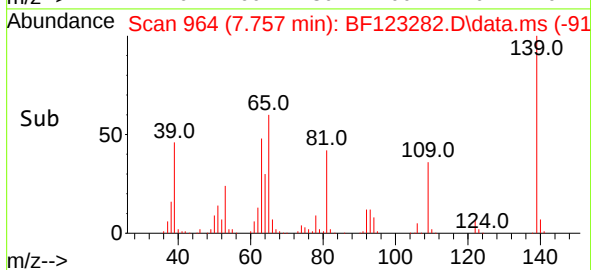
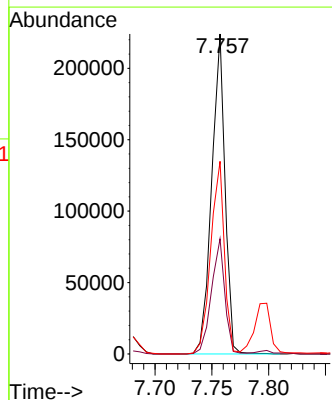
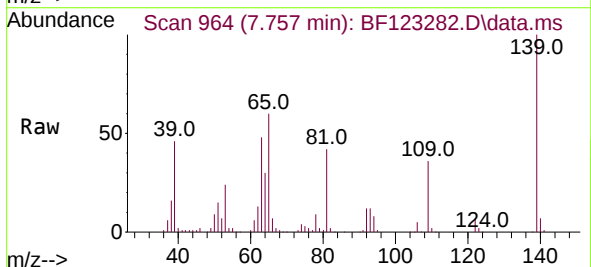
Instrument :
BNA_F
ClientSampleId :
TP-4MS

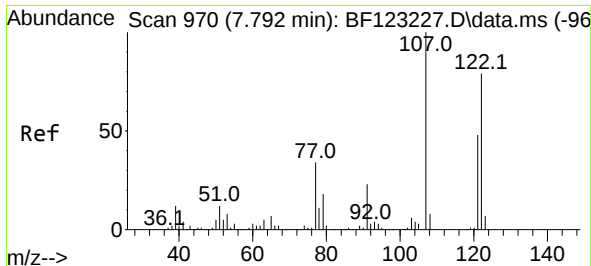
Tgt Ion: 82 Resp: 714390
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 16.7 14.6 21.8



#26
2-Nitrophenol
Concen: 45.20 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 139 Resp: 182937
Ion Ratio Lower Upper
139 100
109 36.0 24.0 36.0#
65 60.2 40.9 61.3

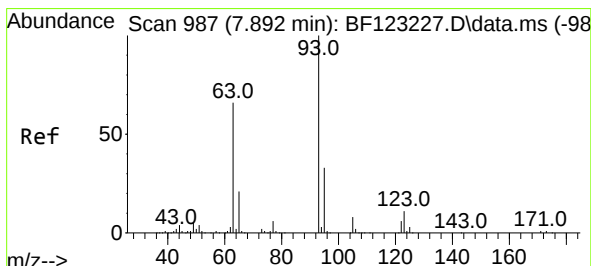
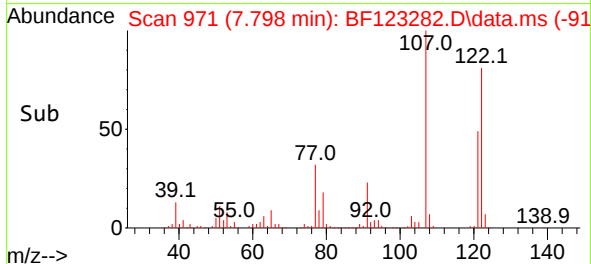
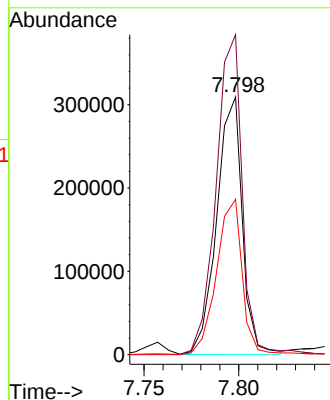
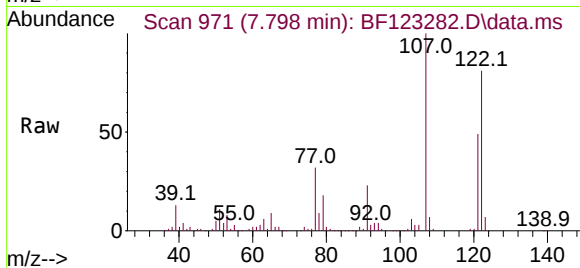




#27
2,4-Dimethylphenol
Concen: 46.29 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

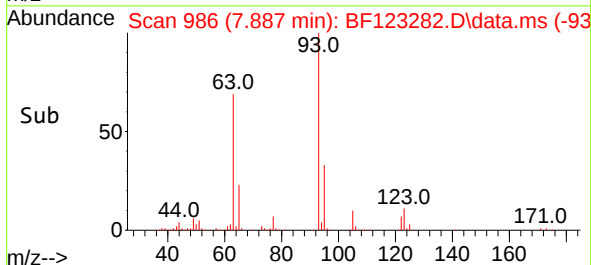
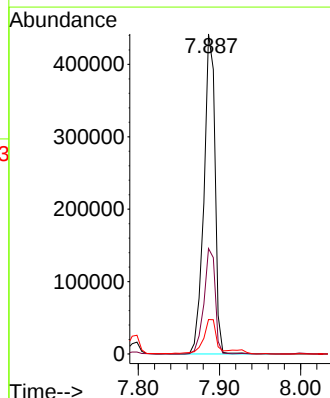
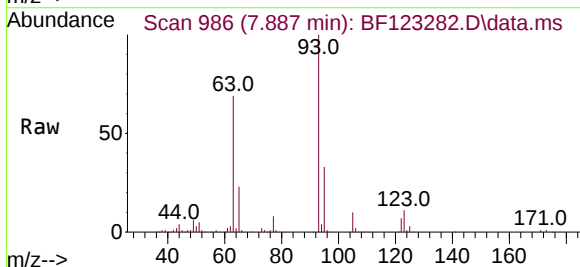
Instrument :
BNA_F
ClientSampleId :
TP-4MS

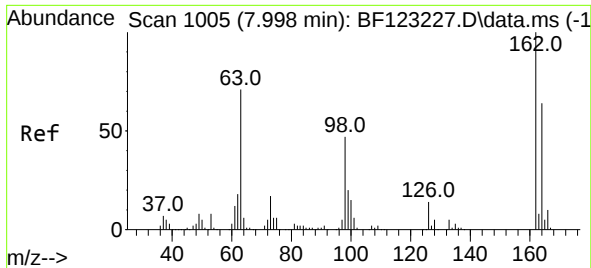
Tgt Ion:122 Resp: 289969
Ion Ratio Lower Upper
122 100
107 124.1 91.8 137.8
121 60.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.19 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 93 Resp: 423206
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 10.7 9.2 13.8

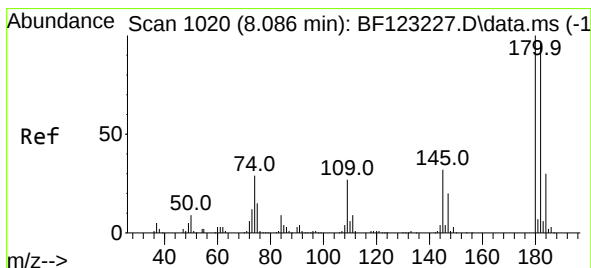
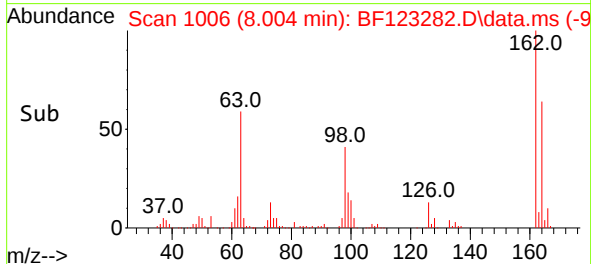
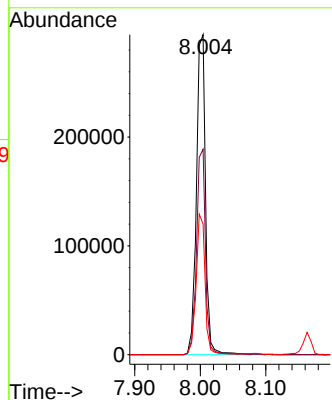
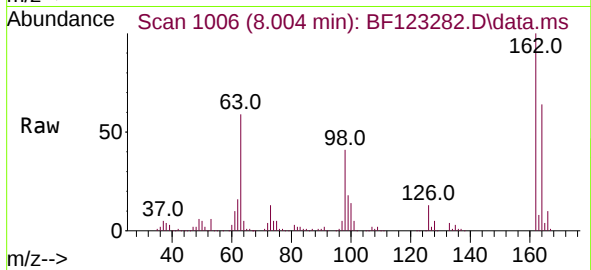




#29
2,4-Dichlorophenol
Concen: 44.00 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

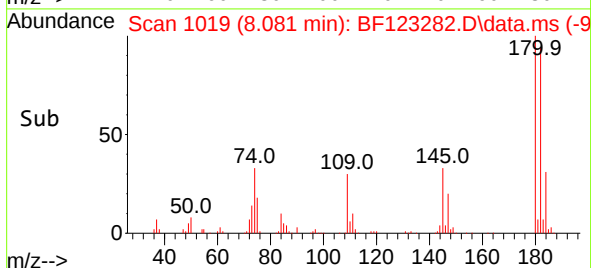
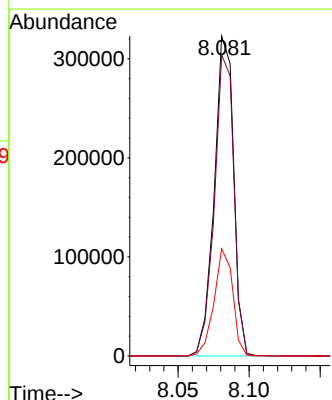
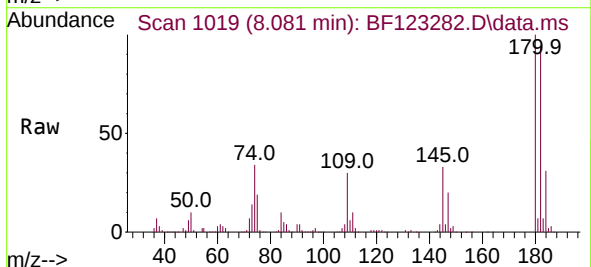
Instrument :
BNA_F
ClientSampleId :
TP-4MS

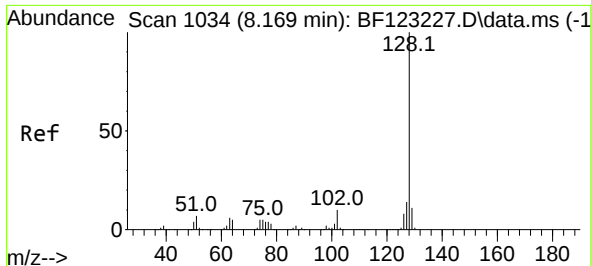
Tgt Ion:162 Resp: 284577
Ion Ratio Lower Upper
162 100
164 64.2 43.2 83.2
98 40.8 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.47 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:180 Resp: 305717
Ion Ratio Lower Upper
180 100
182 94.1 75.7 113.5
145 33.5 25.0 37.4

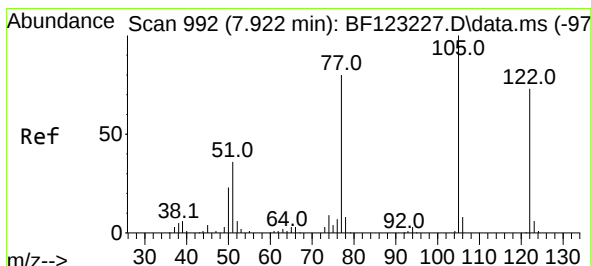
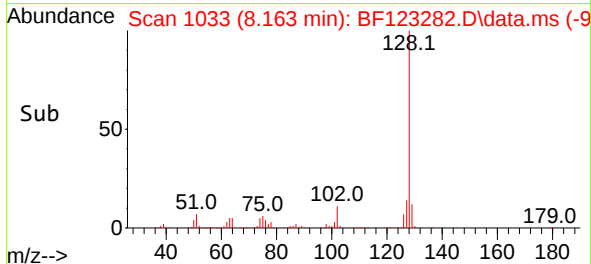
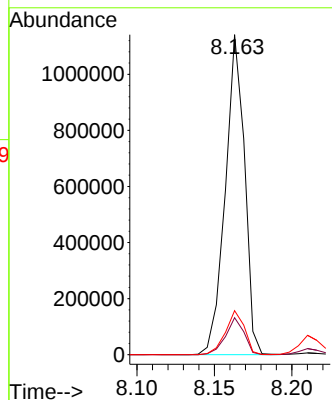
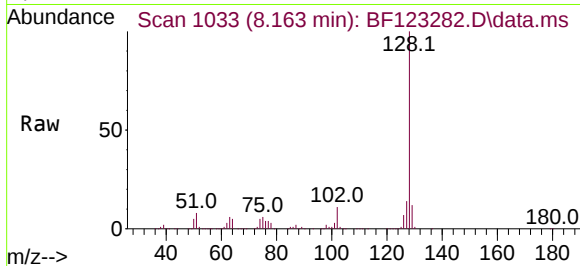




#31
Naphthalene
Concen: 42.91 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

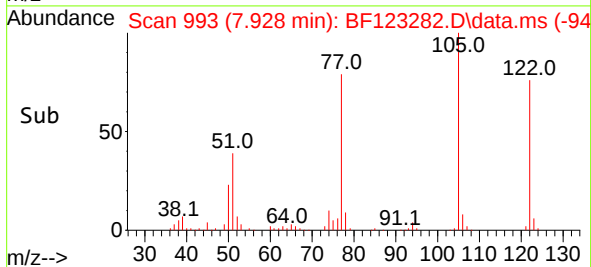
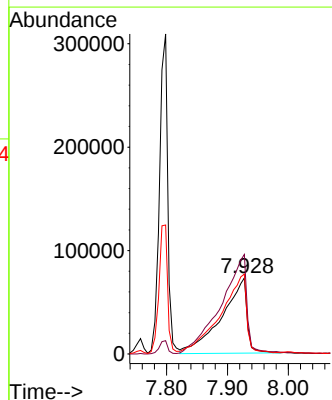
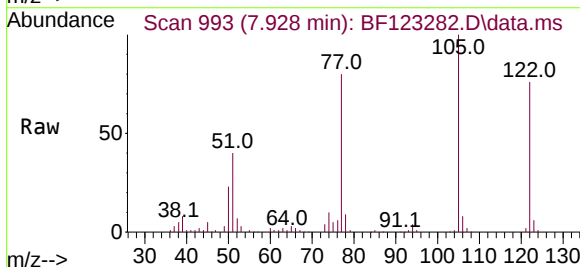
Instrument :
BNA_F
ClientSampleId :
TP-4MS

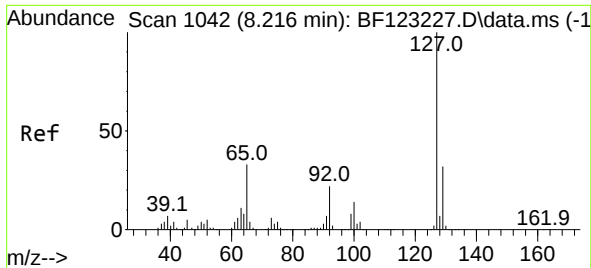
Tgt Ion:128 Resp: 986403
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 45.60 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:122 Resp: 210739
Ion Ratio Lower Upper
122 100
105 130.8 104.8 144.8
77 105.0 71.0 111.0

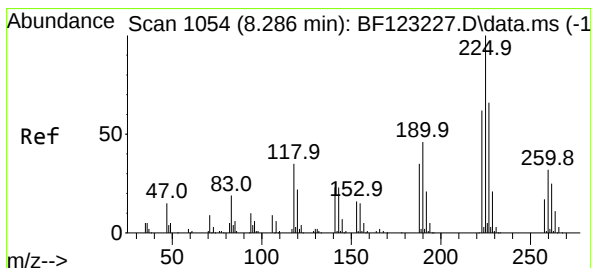
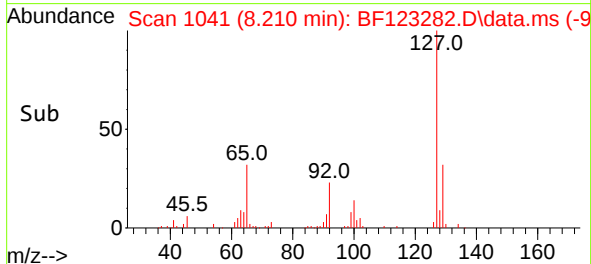
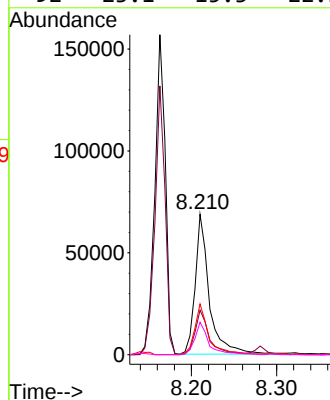
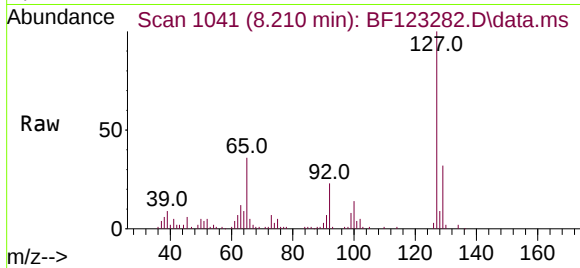




#33
4-Chloroaniline
Concen: 8.45 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

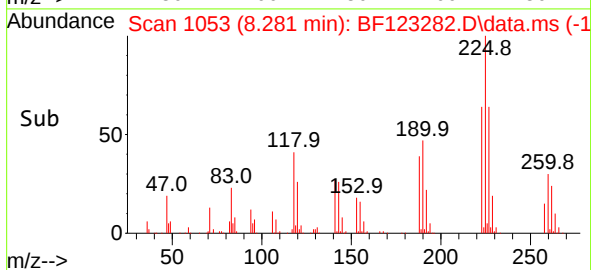
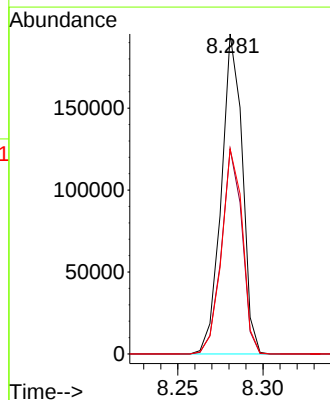
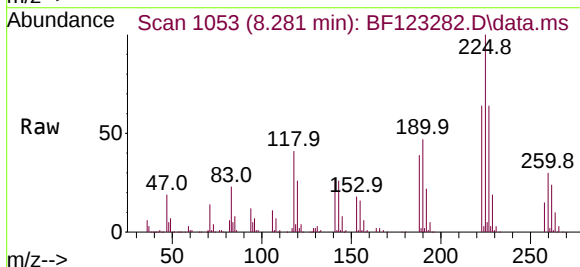
Instrument :
BNA_F
ClientSampled :
TP-4MS

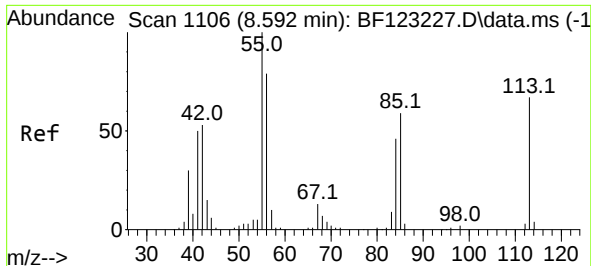
Tgt Ion:	127	Resp:	79048
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.2	39.2
65	36.2	22.2	33.2#
92	23.1	15.3	22.9#



#34
Hexachlorobutadiene
Concen: 42.17 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:	225	Resp:	167280
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.7	76.1
227	64.1	51.7	77.5

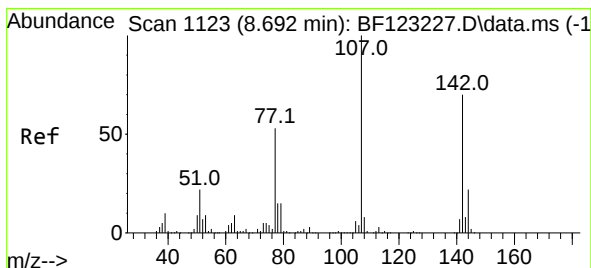
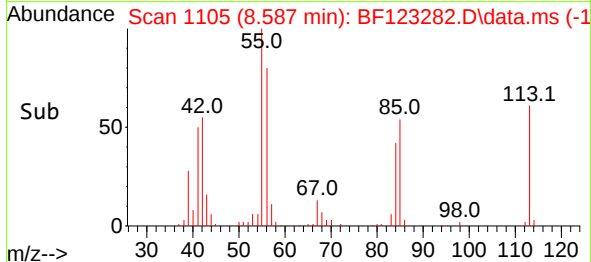
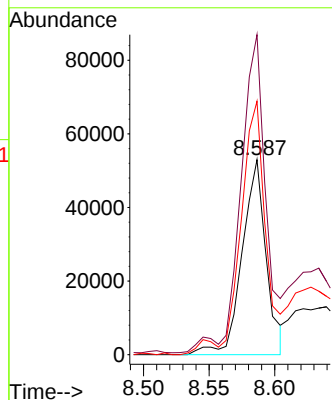
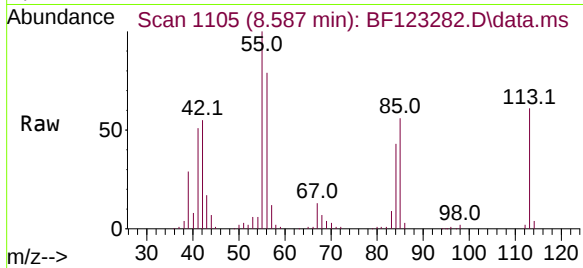




#35
Caprolactam
Concen: 31.04 ng
RT: 8.587 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

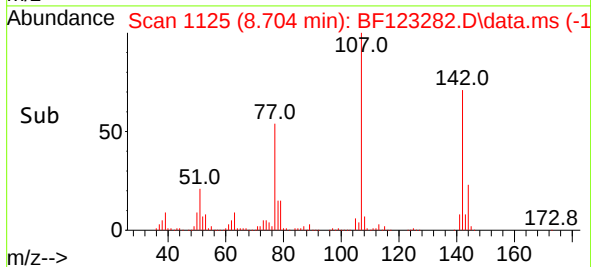
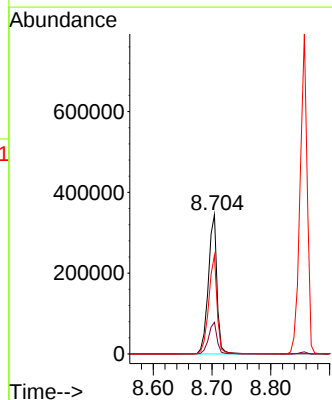
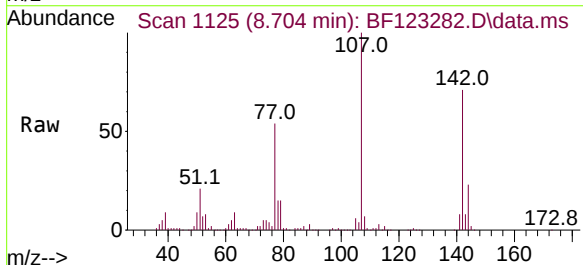
Instrument :
BNA_F
ClientSampleId :
TP-4MS

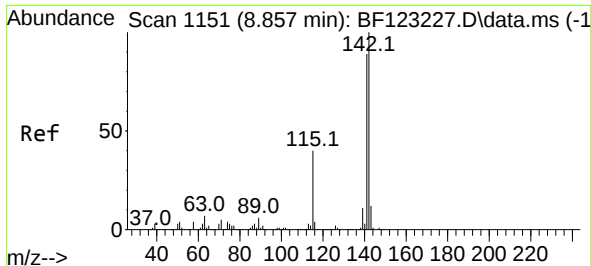
Tgt Ion:113 Resp: 67379
Ion Ratio Lower Upper
113 100
55 164.1 133.7 173.7
56 130.0 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 45.85 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:107 Resp: 352545
Ion Ratio Lower Upper
107 100
144 22.7 20.2 30.2
142 70.8 64.4 96.6

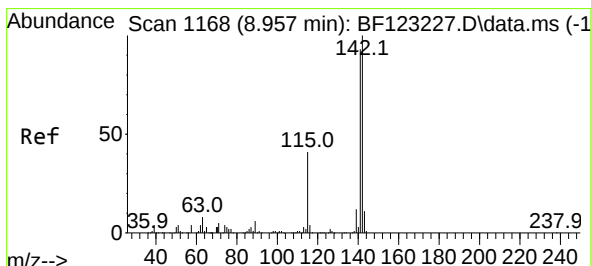
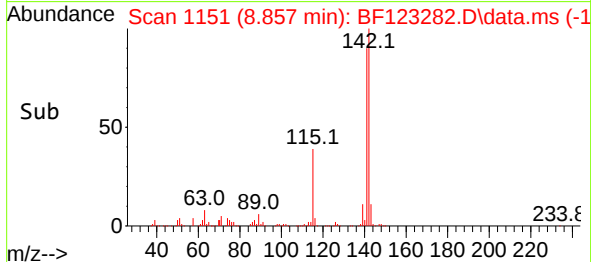
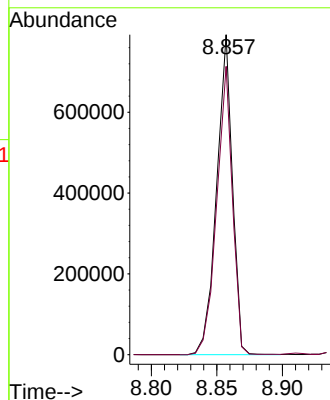
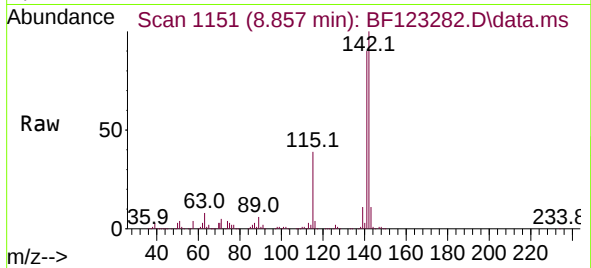




#37
2-Methylnaphthalene
Concen: 43.14 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

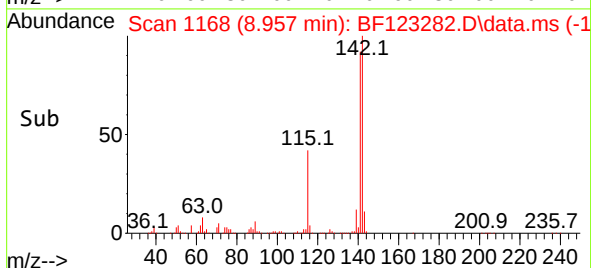
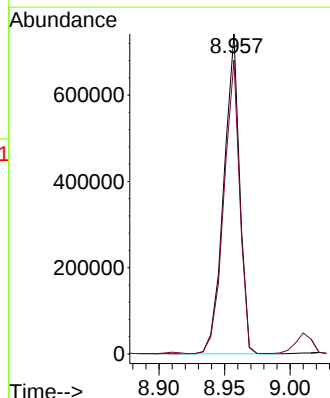
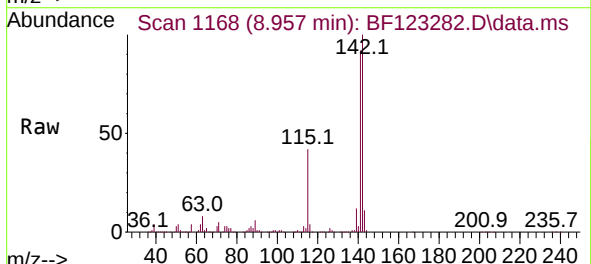
Instrument :
BNA_F
ClientSampleId :
TP-4MS

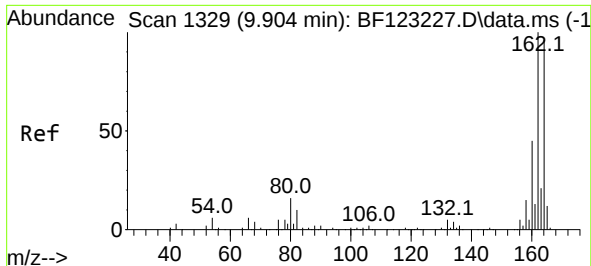
Tgt Ion:142 Resp: 660611
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0



#38
1-Methylnaphthalene
Concen: 43.54 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:142 Resp: 623493
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7



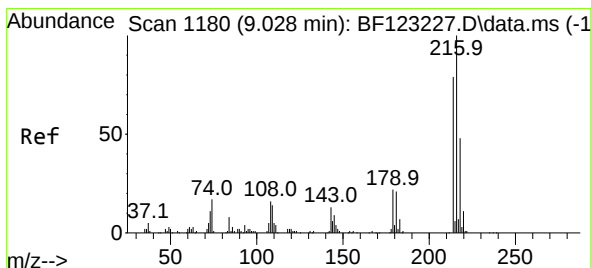
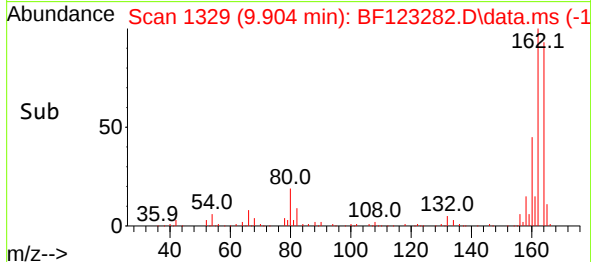
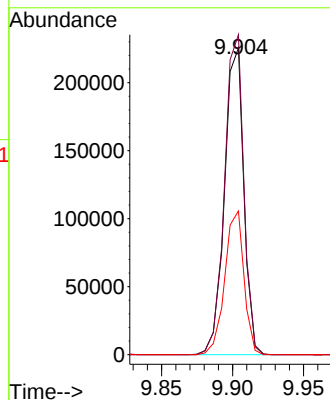
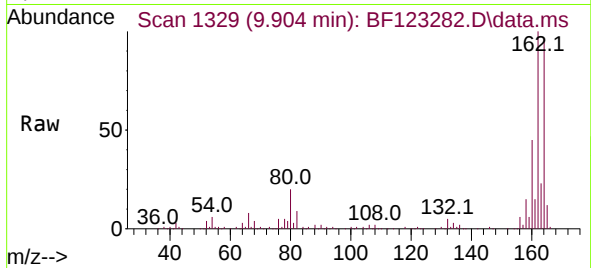


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:164 Resp: 212657

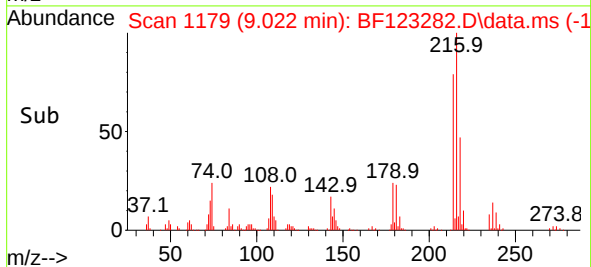
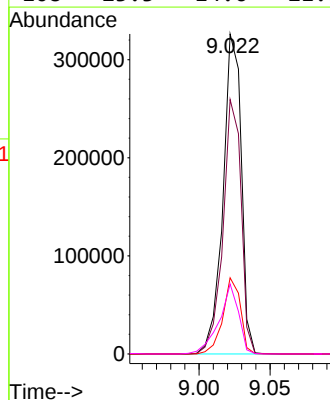
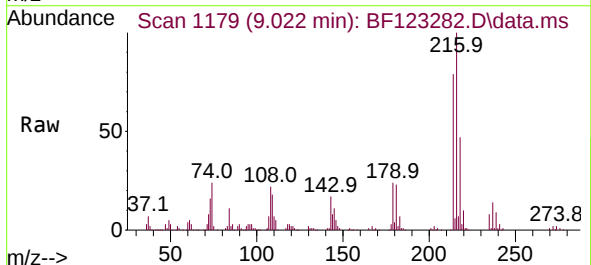
Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.8	121.2
160	46.8	35.4	53.0

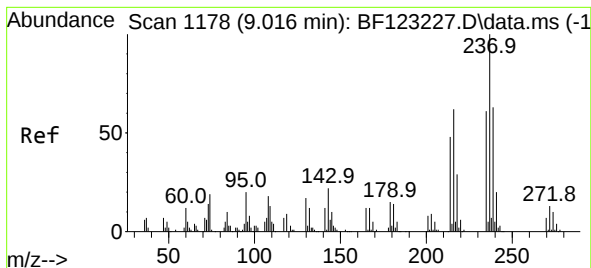


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.84 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:216 Resp: 291296

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.1	94.7
179	22.9	17.1	25.7
108	23.3	14.6	21.8

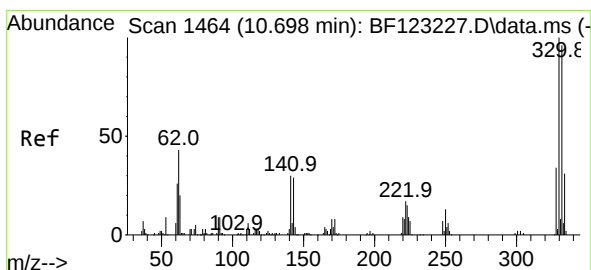
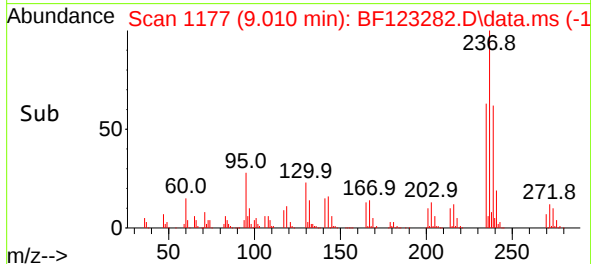
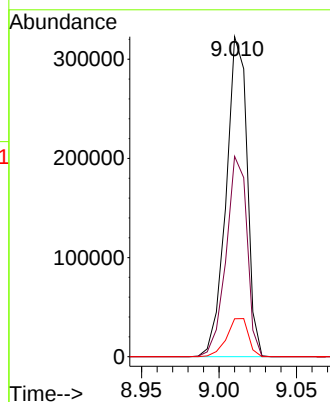
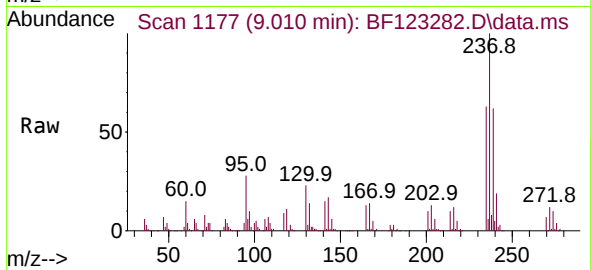




#41
Hexachlorocyclopentadiene
Concen: 102.21 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

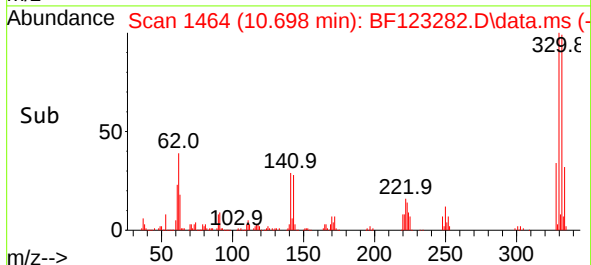
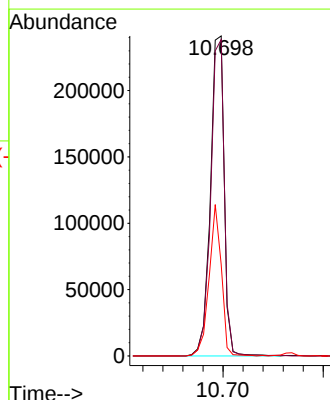
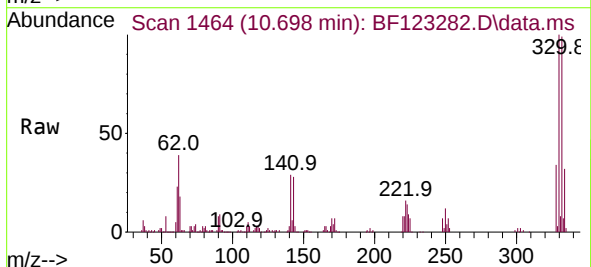
Instrument :
BNA_F
ClientSampleId :
TP-4MS

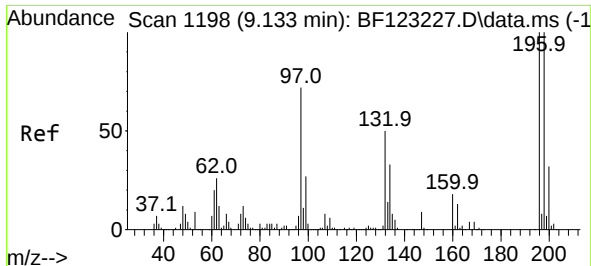
Tgt Ion:237 Resp: 304285
Ion Ratio Lower Upper
237 100
235 62.6 40.9 80.9
272 11.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 106.57 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:330 Resp: 230764
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 42.1 23.8 35.8#

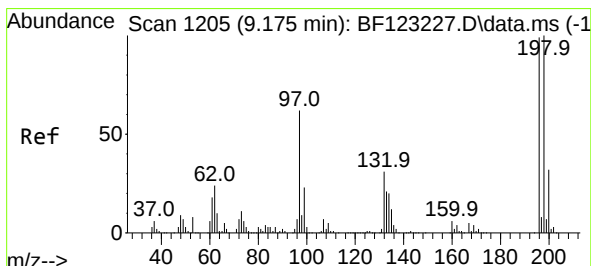
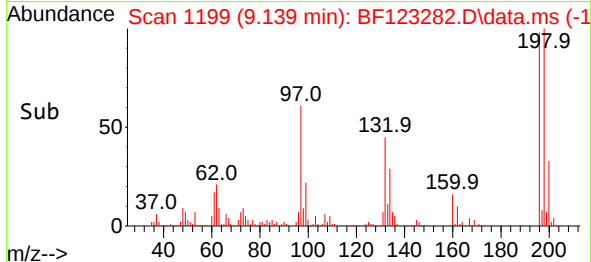
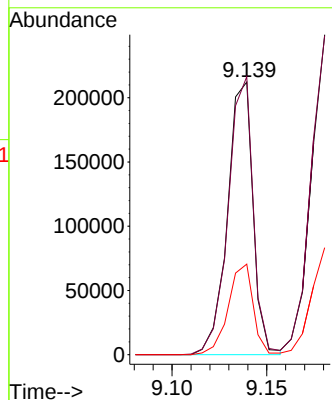
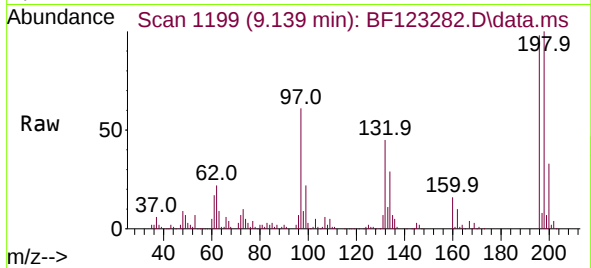




#43
2,4,6-Trichlorophenol
Concen: 44.13 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

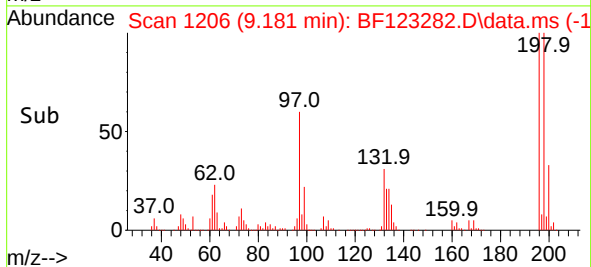
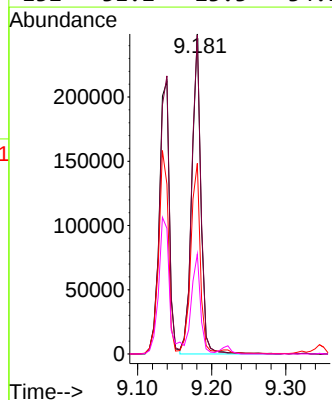
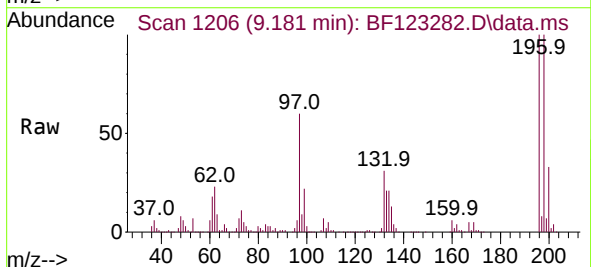
Instrument :
BNA_F
ClientSampleId :
TP-4MS

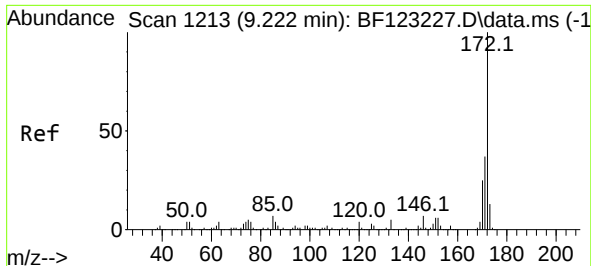
Tgt Ion:196 Resp: 198859
Ion Ratio Lower Upper
196 100
198 102.0 75.1 112.7
200 33.2 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 44.07 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:196 Resp: 212535
Ion Ratio Lower Upper
196 100
198 99.7 76.5 114.7
97 59.5 40.1 60.1
132 31.2 23.3 34.9

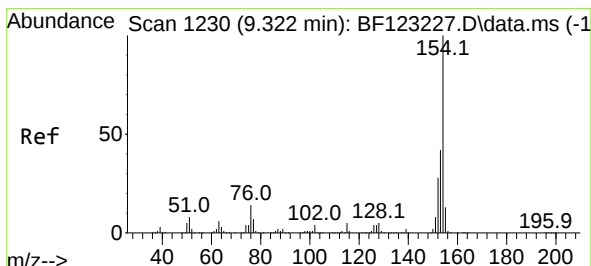
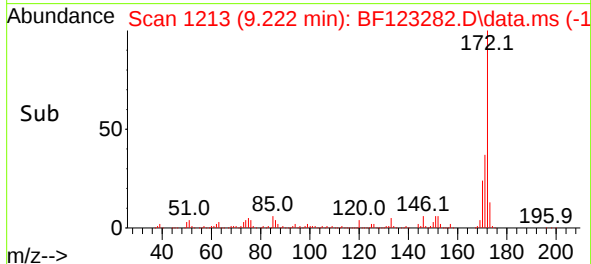
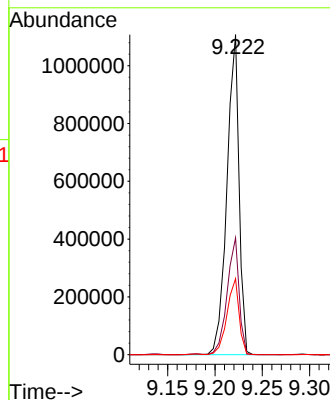
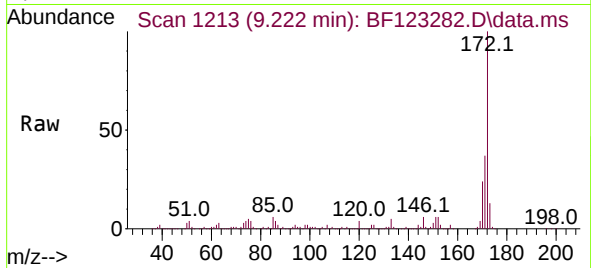




#45
2-Fluorobiphenyl
Concen: 66.87 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

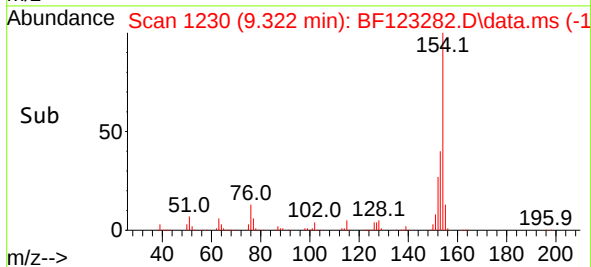
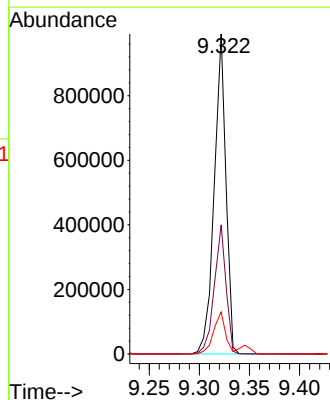
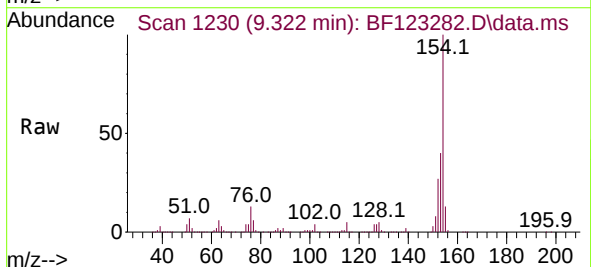
Instrument :
BNA_F
ClientSampleId :
TP-4MS

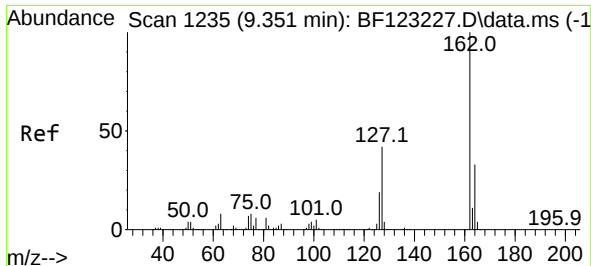
Tgt Ion:172 Resp: 989997
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.5 29.3



#46
1,1'-Biphenyl
Concen: 45.75 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:154 Resp: 806998
Ion Ratio Lower Upper
154 100
153 40.4 21.8 61.8
76 13.1 0.0 33.4

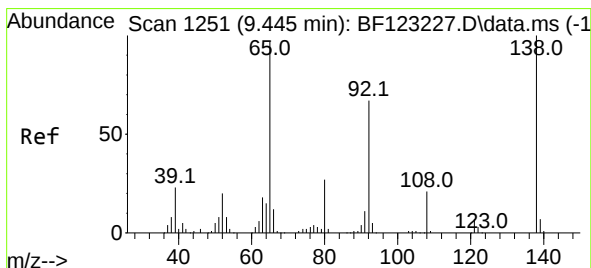
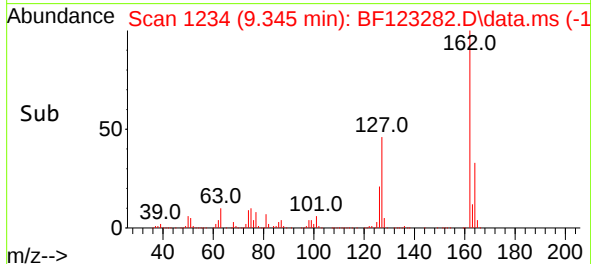
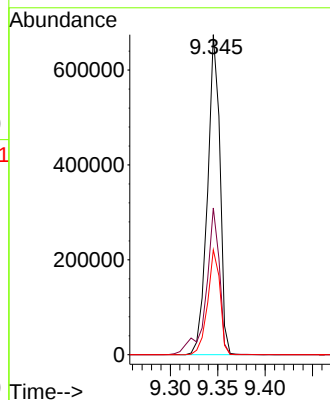
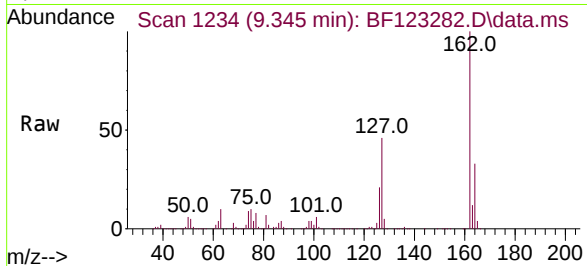




#47
2-Chloronaphthalene
Concen: 44.06 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

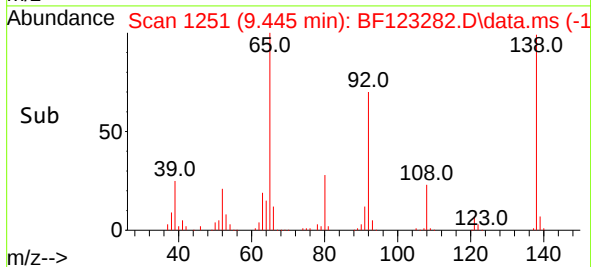
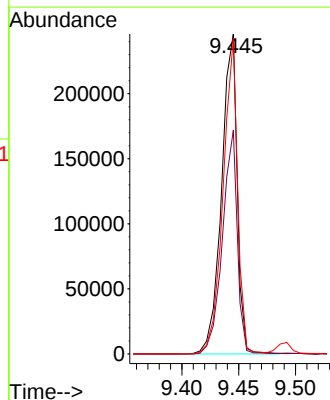
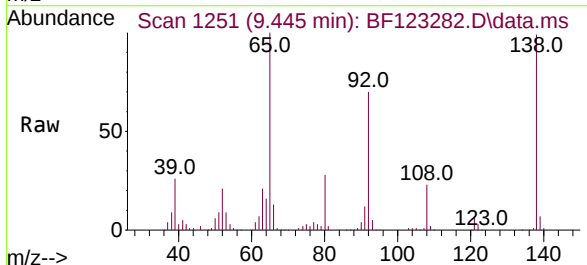
Instrument :
BNA_F
ClientSampleId :
TP-4MS

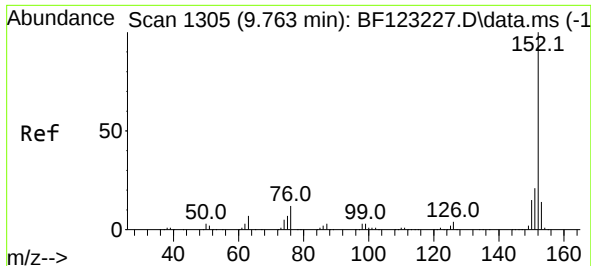
Tgt Ion:162 Resp: 613224
Ion Ratio Lower Upper
162 100
127 45.9 33.8 50.8
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 47.27 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion: 65 Resp: 235710
Ion Ratio Lower Upper
65 100
92 69.9 60.0 90.0
138 98.6 100.6 151.0#





#49

Acenaphthylene

Concen: 44.46 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

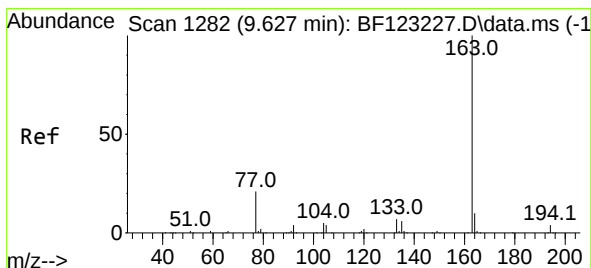
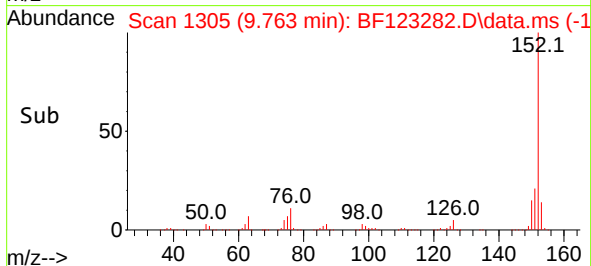
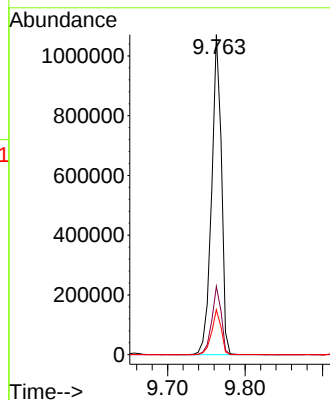
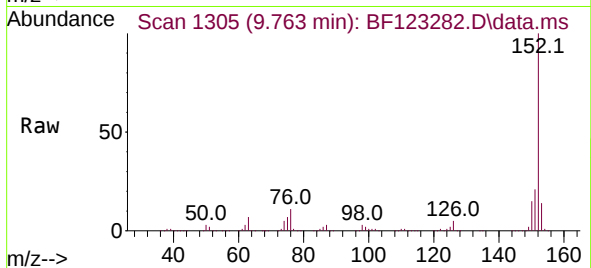
Tgt Ion:152 Resp: 938679

Ion Ratio Lower Upper

152 100

151 21.3 16.6 25.0

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 46.78 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

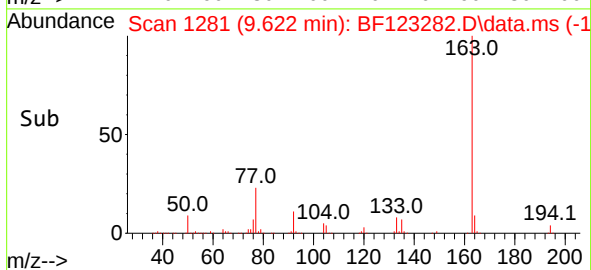
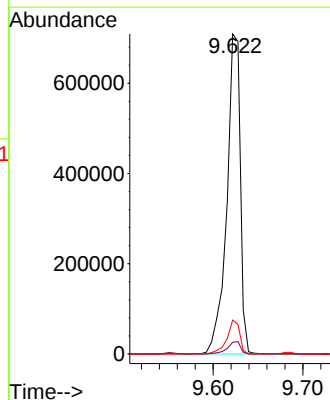
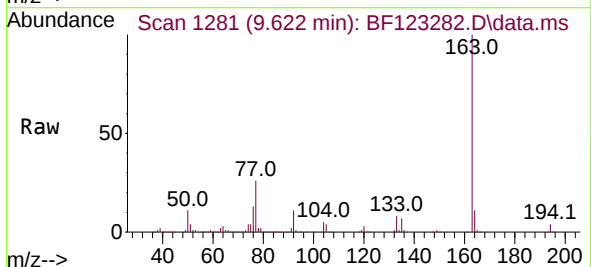
Tgt Ion:163 Resp: 743950

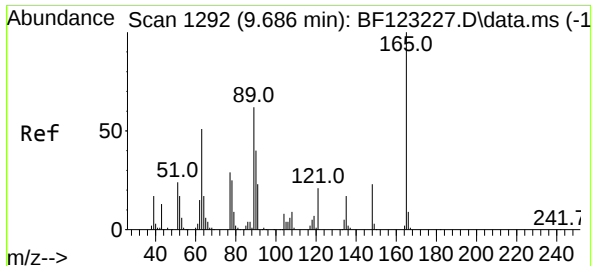
Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 10.6 8.1 12.1

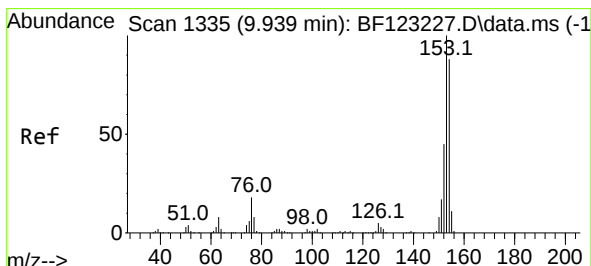
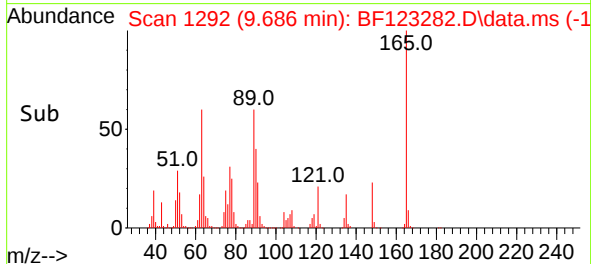
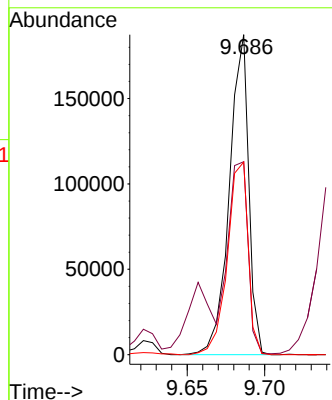
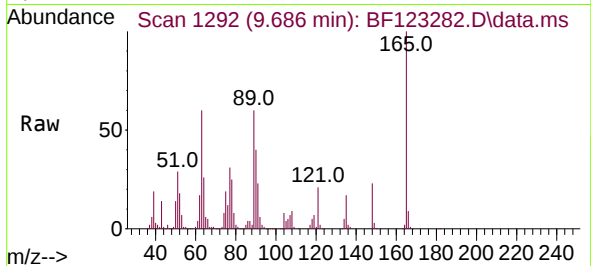




#51
2,6-Dinitrotoluene
Concen: 44.39 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

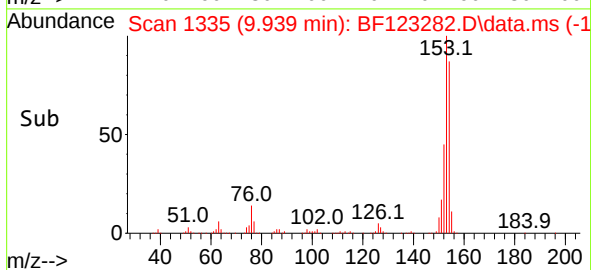
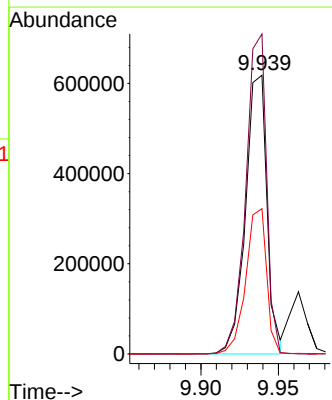
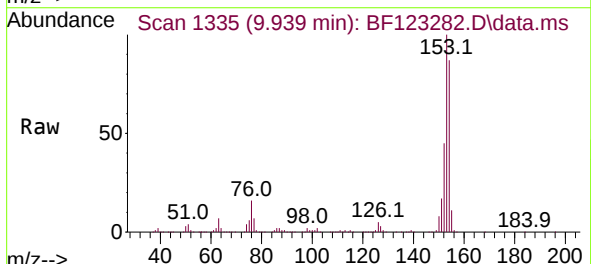
Instrument :
BNA_F
ClientSampled :
TP-4MS

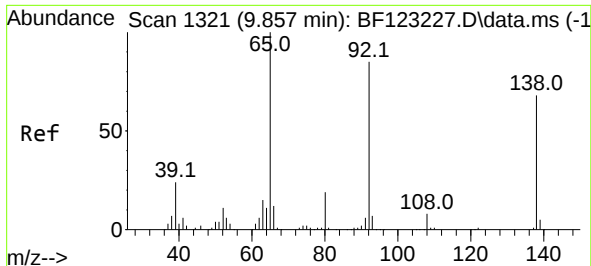
Tgt Ion:165 Resp: 162681
Ion Ratio Lower Upper
165 100
63 60.3 36.6 55.0#
89 60.2 39.4 59.0#



#52
Acenaphthene
Concen: 40.92 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:154 Resp: 595755
Ion Ratio Lower Upper
154 100
153 114.8 89.0 133.6
152 52.1 42.7 64.1

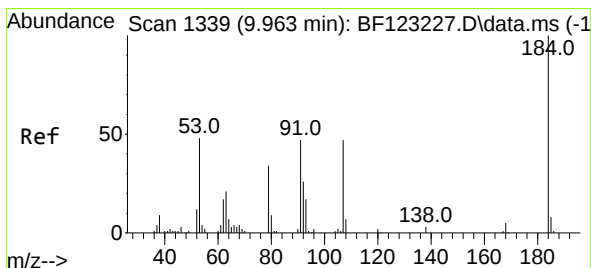
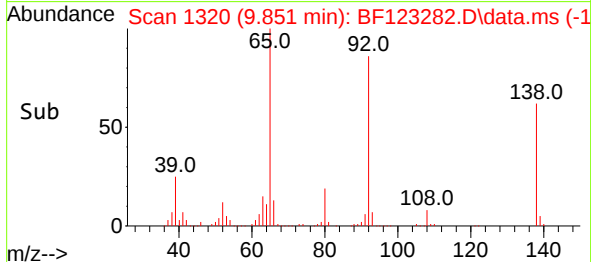
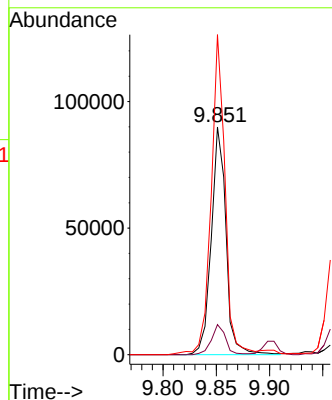
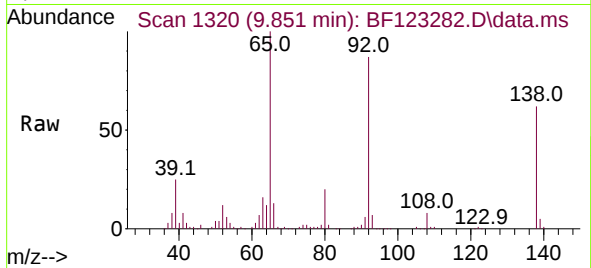




#53
3-Nitroaniline
Concen: 21.21 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

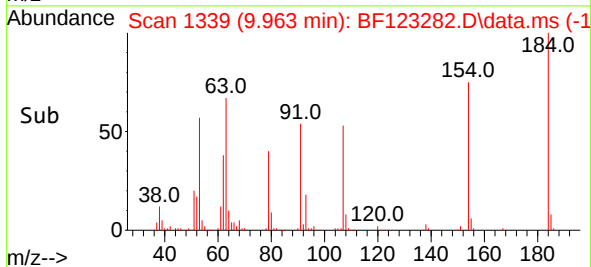
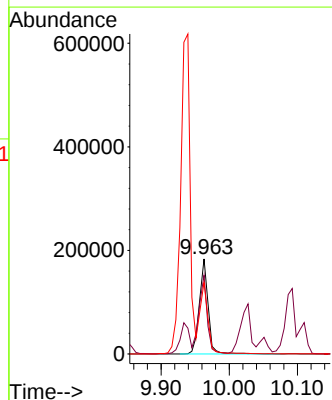
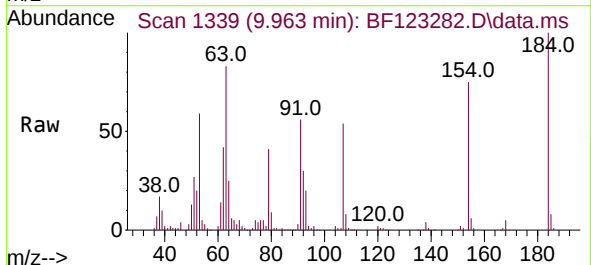
Instrument :
BNA_F
ClientSampleId :
TP-4MS

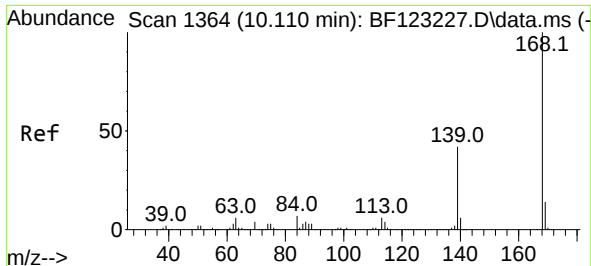
Tgt Ion:138 Resp: 86262
Ion Ratio Lower Upper
138 100
108 13.2 8.2 12.2#
92 140.6 85.4 128.2#



#54
2,4-Dinitrophenol
Concen: 85.49 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:184 Resp: 164582
Ion Ratio Lower Upper
184 100
63 82.8 51.4 77.2#
154 75.2 49.7 74.5#

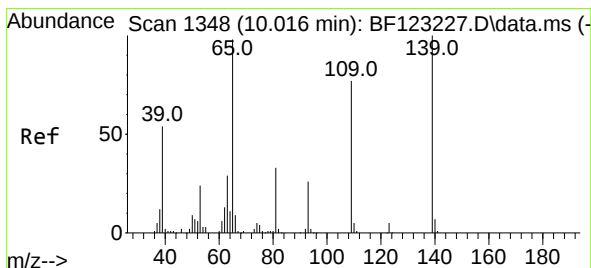
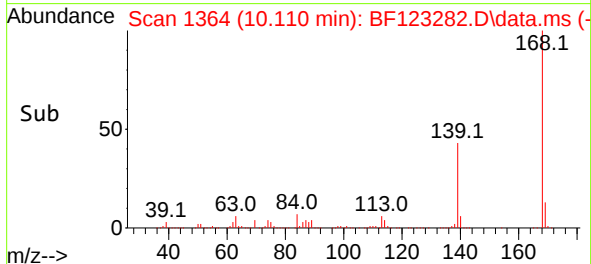
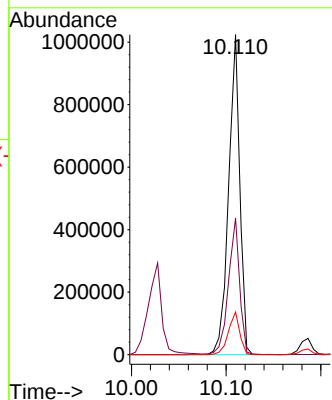
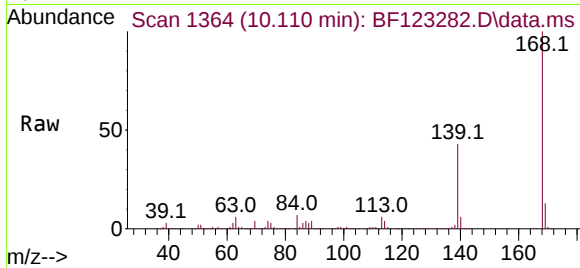




#55
Dibenzenofuran
Concen: 42.91 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

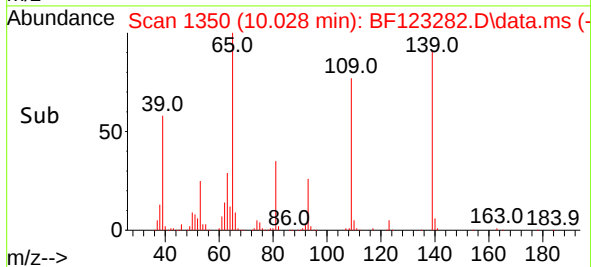
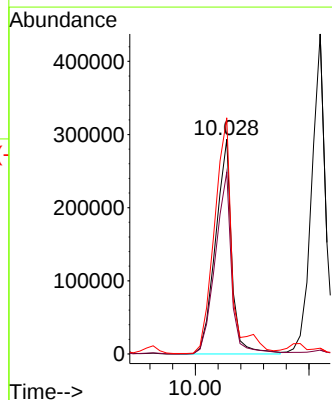
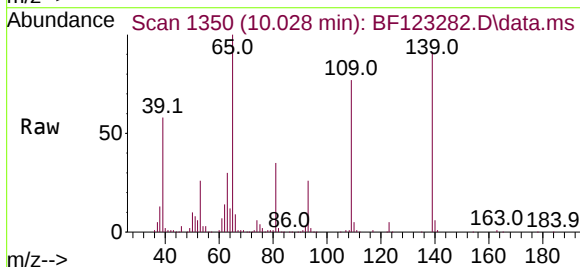
Instrument :
BNA_F
ClientSampleId :
TP-4MS

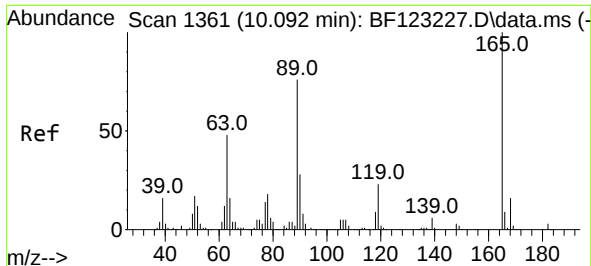
Tgt Ion:168 Resp: 845707
Ion Ratio Lower Upper
168 100
139 42.7 31.3 46.9
169 13.4 11.2 16.8



#56
4-Nitrophenol
Concen: 89.88 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:139 Resp: 291367
Ion Ratio Lower Upper
139 100
109 84.7 45.1 85.1
65 110.1 59.2 99.2#

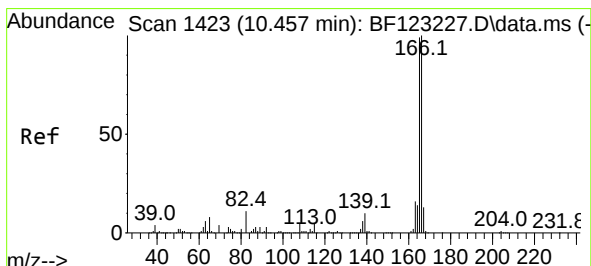
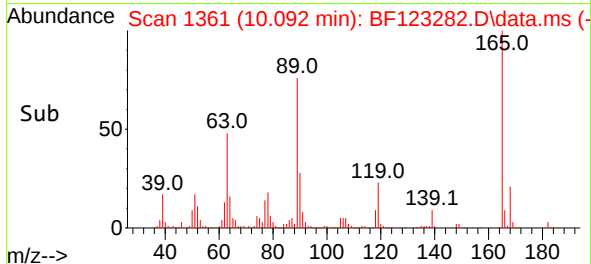
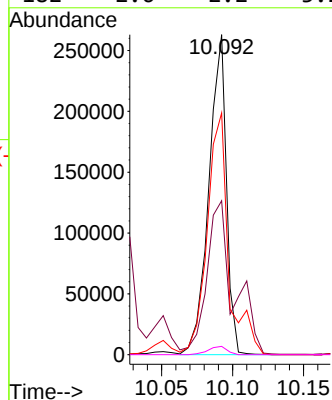
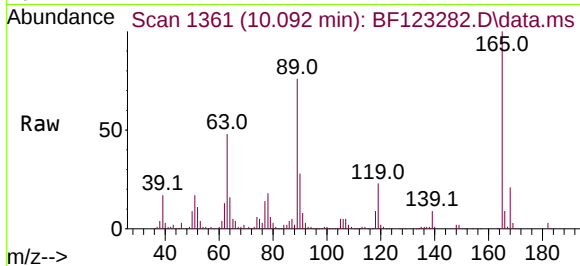




#57
2,4-Dinitrotoluene
Concen: 45.85 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

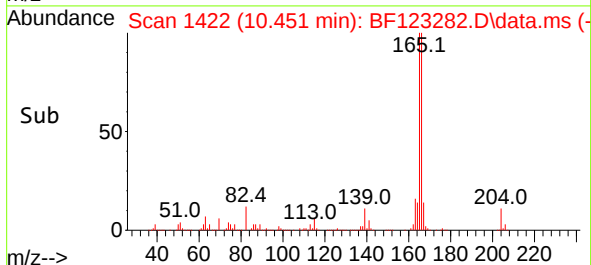
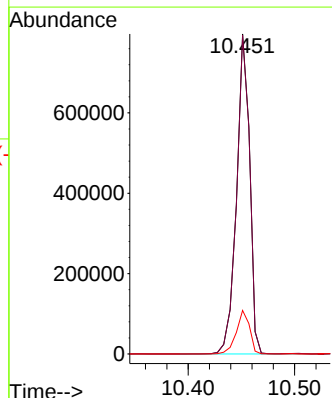
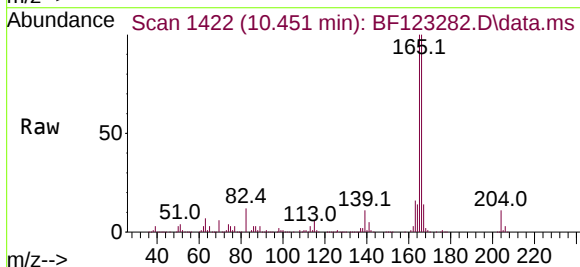
Instrument :
BNA_F
ClientSampleId :
TP-4MS

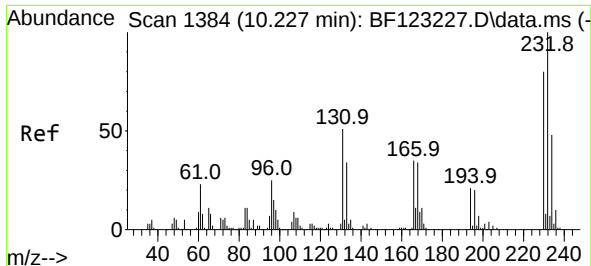
Tgt Ion:	165	Resp:	225958
Ion	Ratio	Lower	Upper
165	100		
63	48.1	34.3	51.5
89	75.5	55.2	82.8
182	2.6	2.2	3.2



#58
Fluorene
Concen: 44.02 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:	166	Resp:	682835
Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	13.6	10.9	16.3

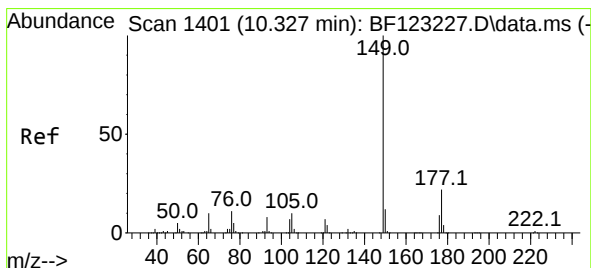
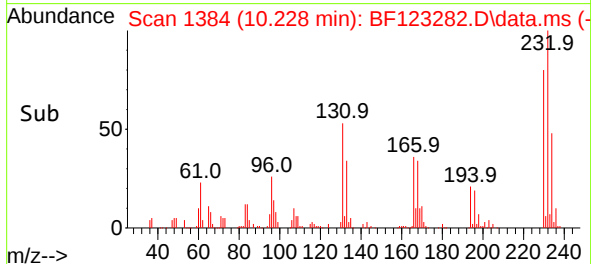
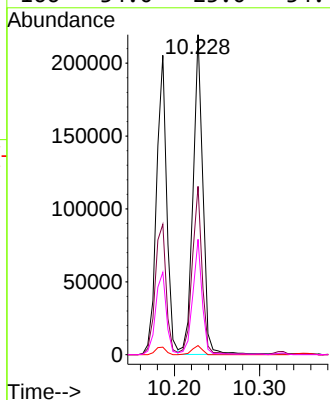
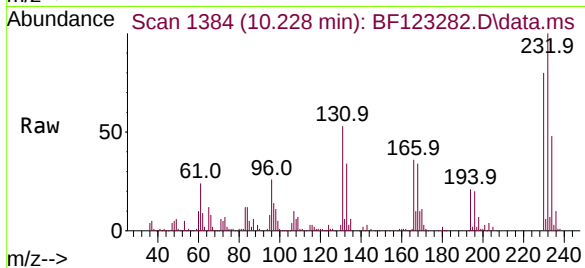




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.50 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

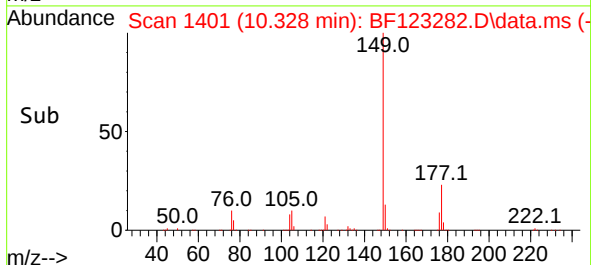
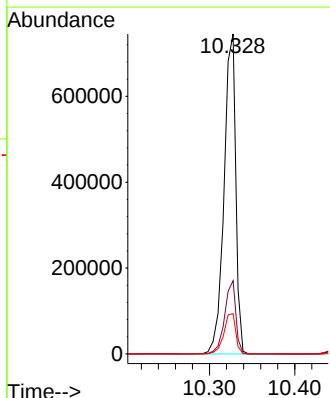
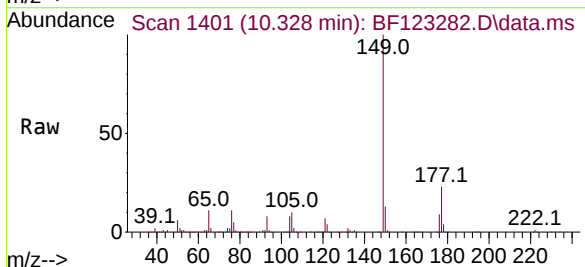
Instrument :
BNA_F
ClientSampleId :
TP-4MS

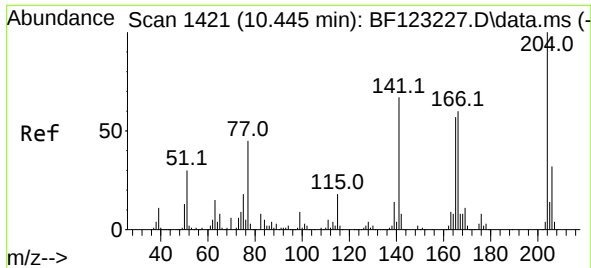
Tgt Ion:232 Resp: 175090
Ion Ratio Lower Upper
232 100
131 51.9 33.0 49.4#
130 2.9 1.7 2.5#
166 34.0 23.0 34.4



#60
Diethylphthalate
Concen: 45.32 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:149 Resp: 713710
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.6 10.1 15.1

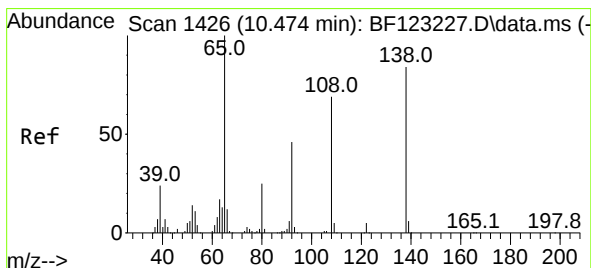
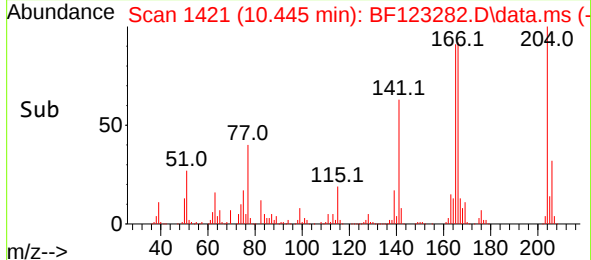
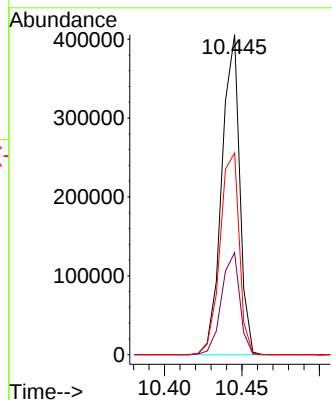
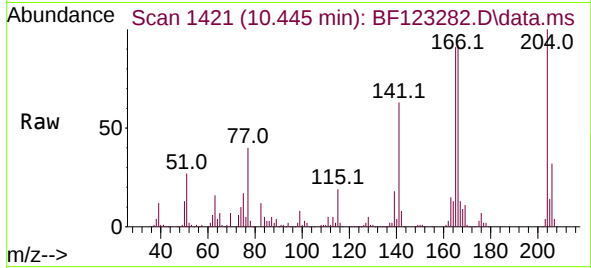




#61
4-Chlorophenyl-phenylether
Concen: 44.18 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

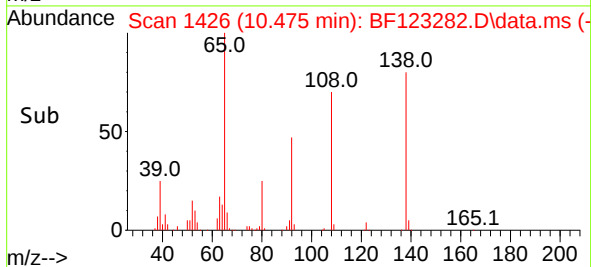
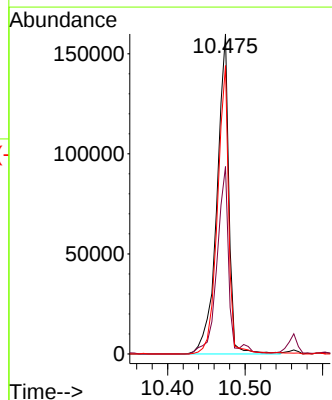
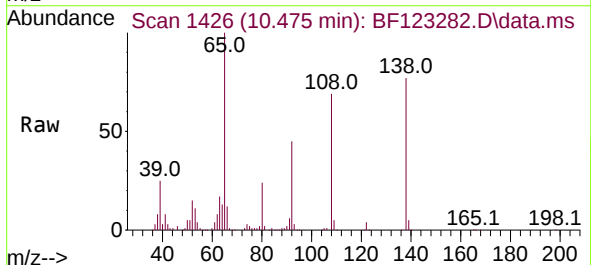
Instrument :
BNA_F
ClientSampleId :
TP-4MS

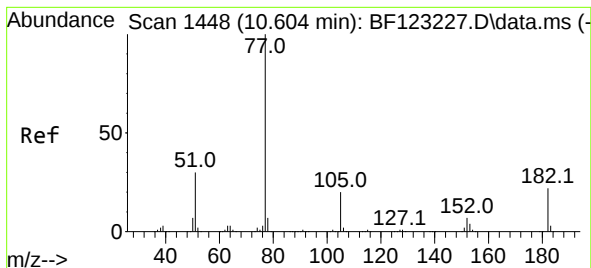
Tgt Ion:204 Resp: 326204
Ion Ratio Lower Upper
204 100
206 31.9 27.0 40.4
141 63.1 50.4 75.6



#62
4-Nitroaniline
Concen: 41.99 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:138 Resp: 171938
Ion Ratio Lower Upper
138 100
92 58.6 31.0 71.0
108 90.1 54.8 94.8

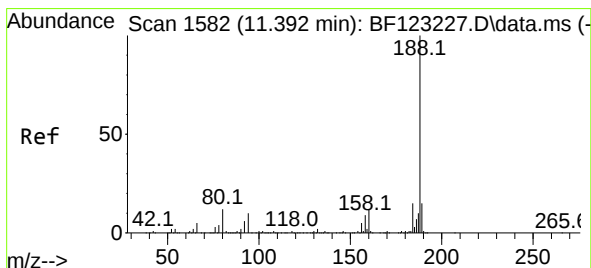
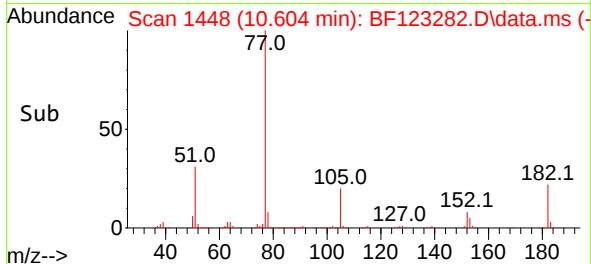
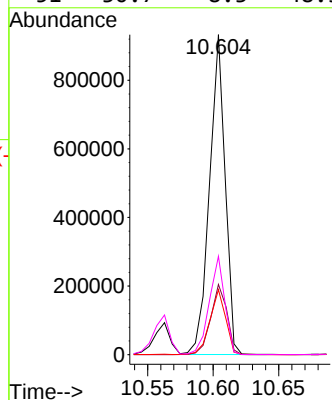
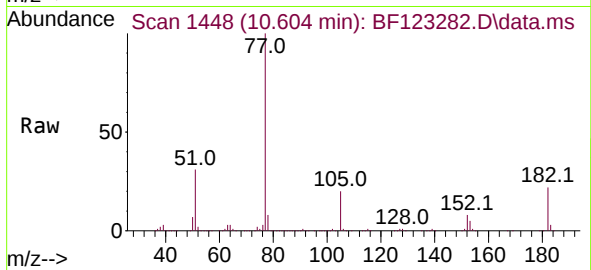




#63
Azobenzene
Concen: 42.75 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

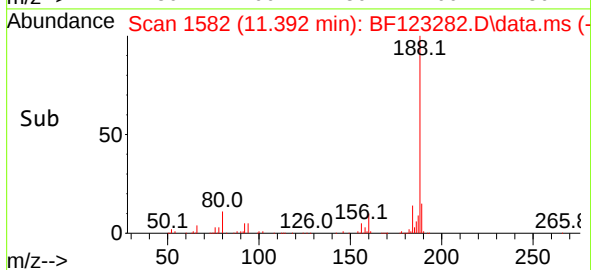
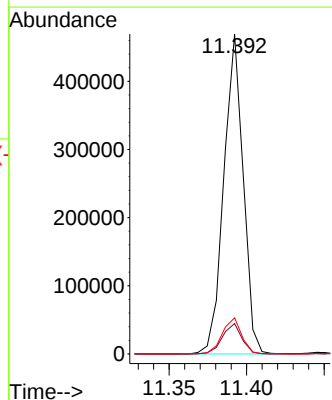
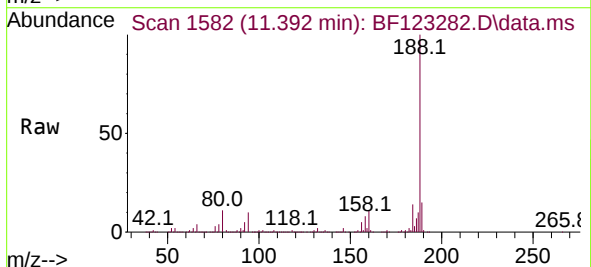
Instrument :
BNA_F
ClientSampleId :
TP-4MS

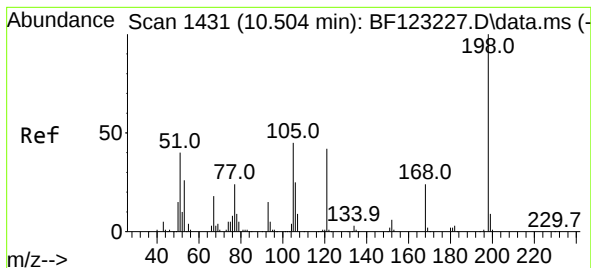
Tgt Ion:	77	Resp:	775786
Ion	Ratio	Lower	Upper
77	100		
182	22.0	5.6	45.6
105	20.3	1.8	41.8
51	30.7	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:	188	Resp:	407976
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	11.3	8.2	12.4

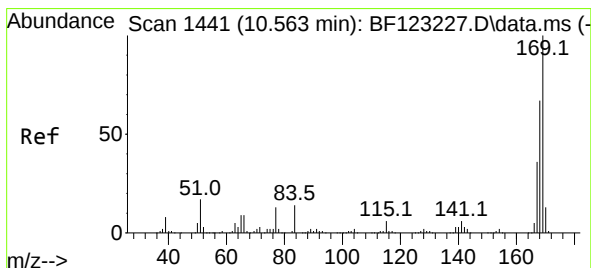
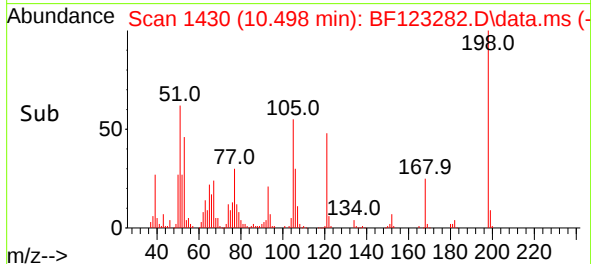
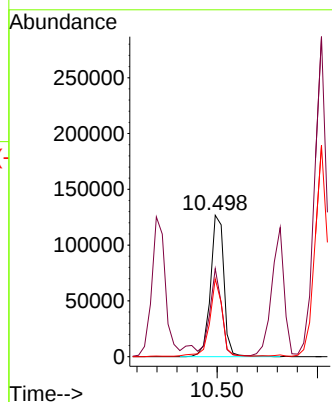
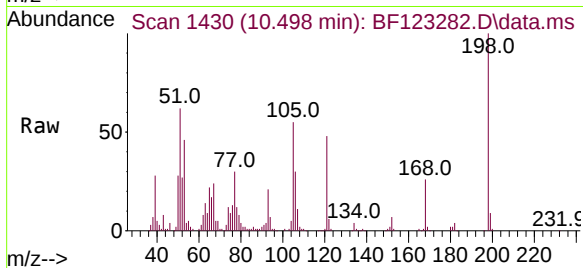




#65
4,6-Dinitro-2-methylphenol
Concen: 42.87 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

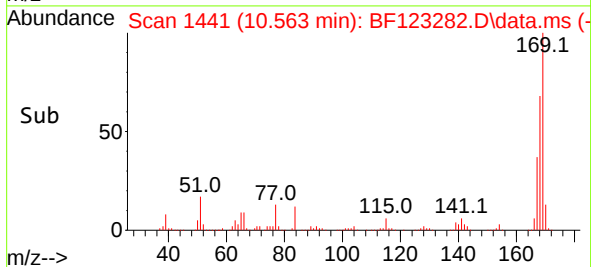
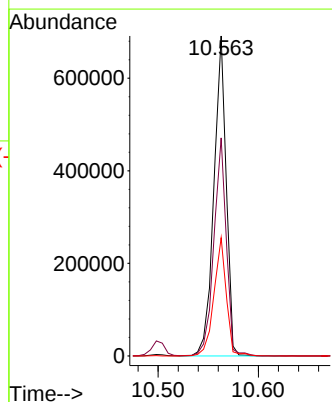
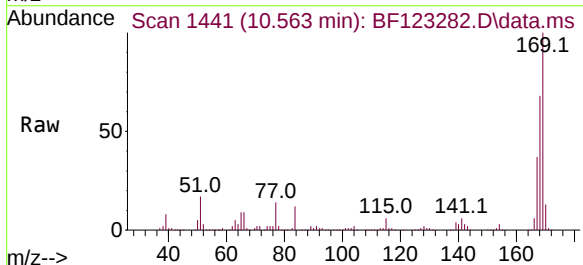
Instrument :
BNA_F
ClientSampleId :
TP-4MS

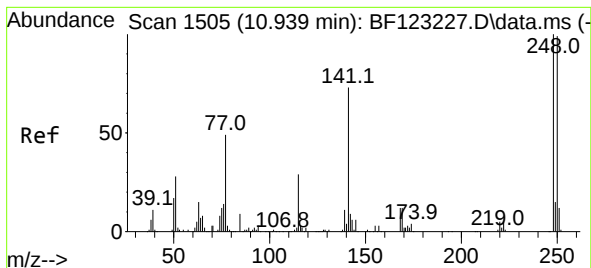
Tgt Ion:198 Resp: 117734
Ion Ratio Lower Upper
198 100
51 62.2 20.3 60.3#
105 54.9 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 41.90 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:169 Resp: 591120
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.2
167 36.9 29.2 43.8

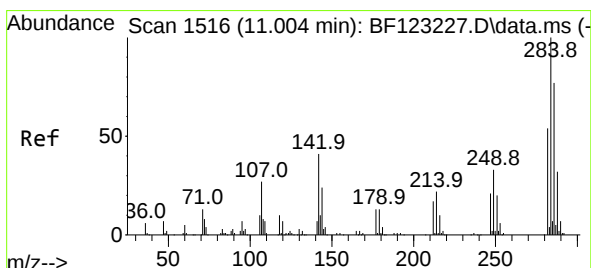
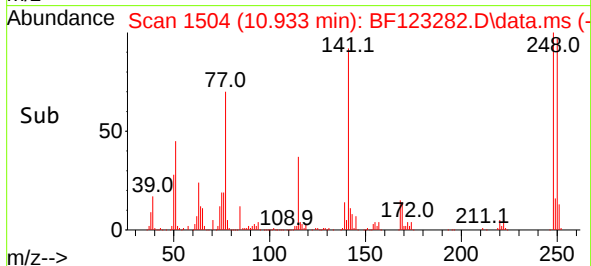
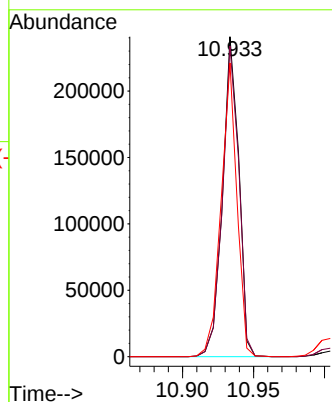
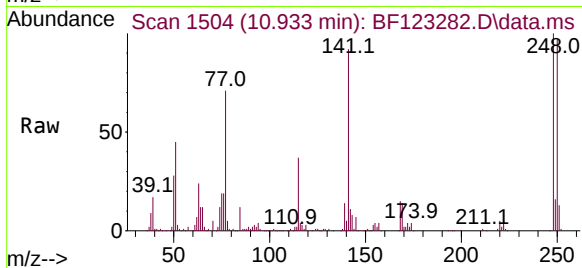




#67
4-Bromophenyl-phenylether
Concen: 42.96 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

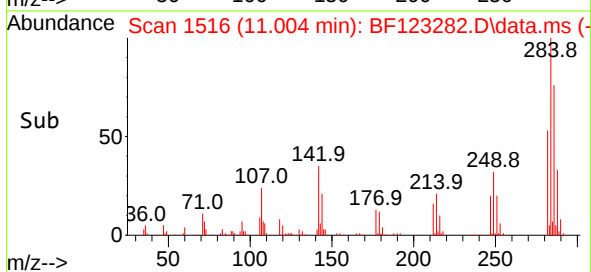
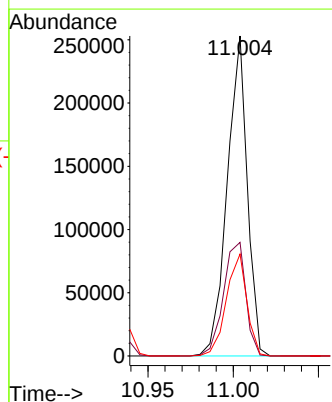
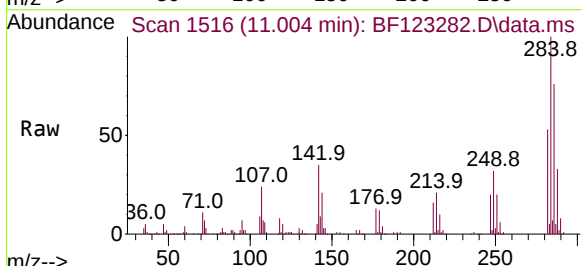
Instrument :
BNA_F
ClientSampleId :
TP-4MS

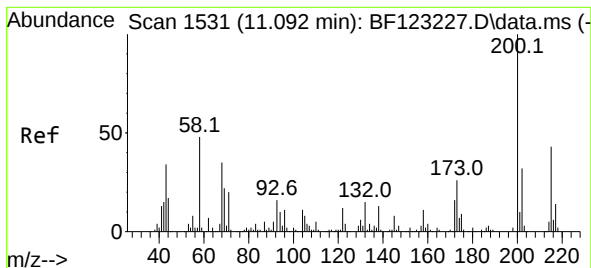
Tgt Ion:248 Resp: 191070
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 91.8 59.8 89.8#



#68
Hexachlorobenzene
Concen: 44.13 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:284 Resp: 206773
Ion Ratio Lower Upper
284 100
142 35.5 25.6 38.4
249 31.9 25.1 37.7





#69

Atrazine

Concen: 37.46 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

Tgt Ion:200 Resp: 167027

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

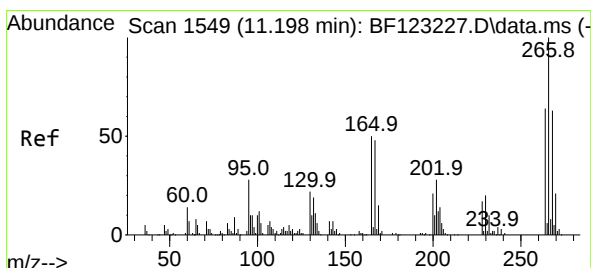
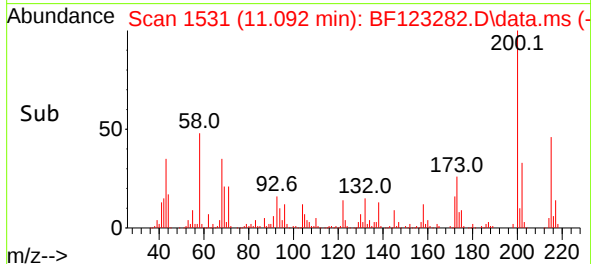
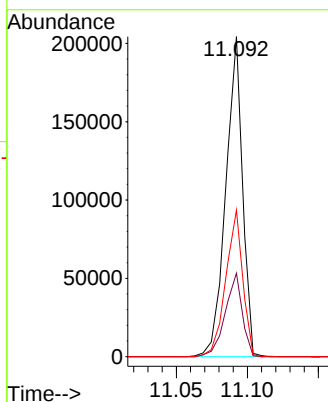
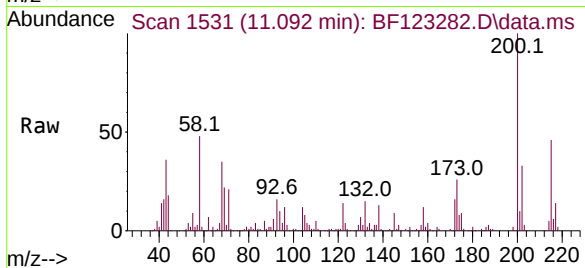
215 45.8 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

TP-4MS



#70

Pentachlorophenol

Concen: 86.50 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

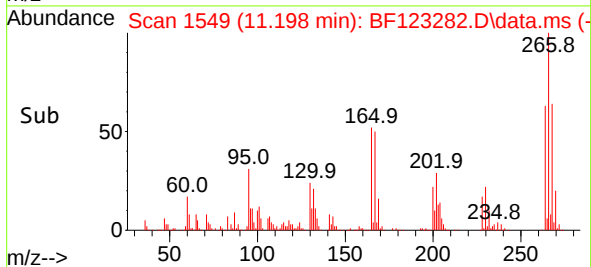
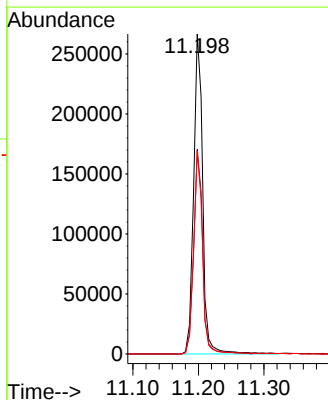
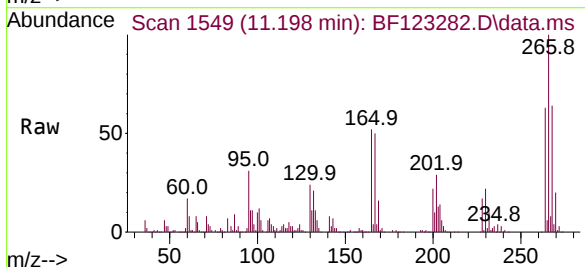
Tgt Ion:266 Resp: 255908

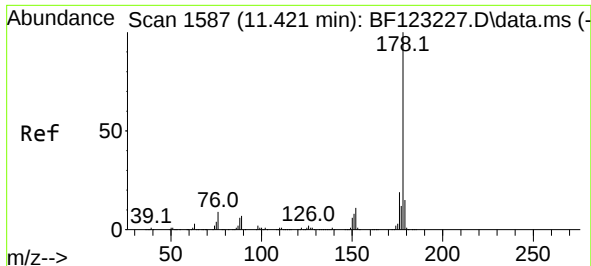
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.4 49.8 74.8

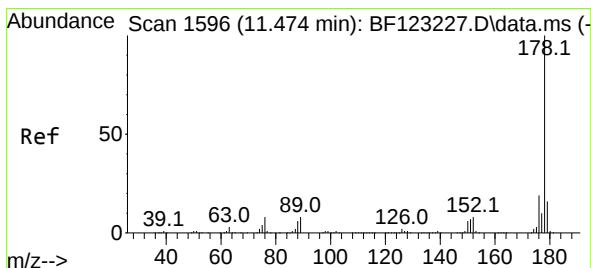
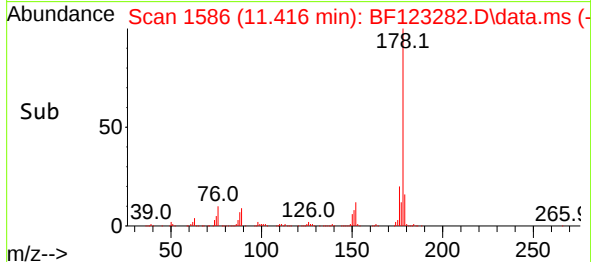
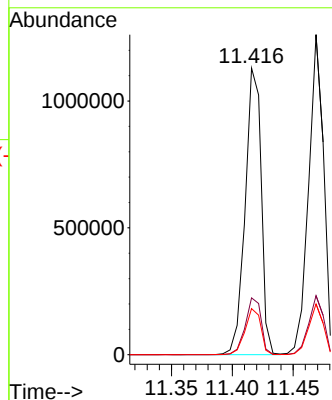
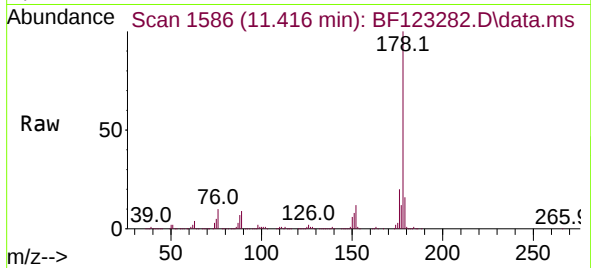




#71
Phenanthrene
Concen: 43.01 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

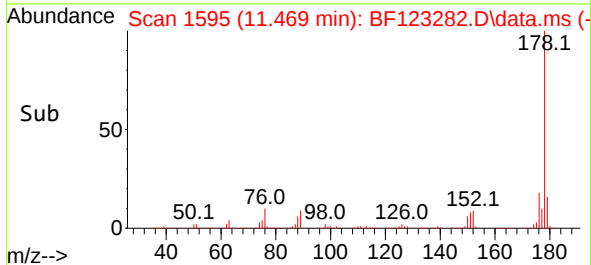
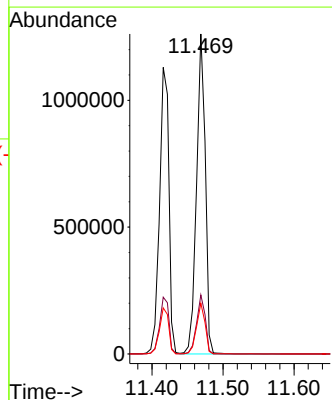
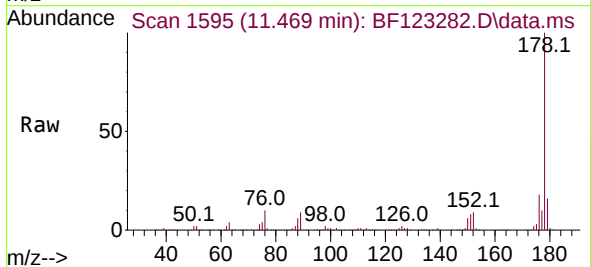
Instrument :
BNA_F
ClientSampleId :
TP-4MS

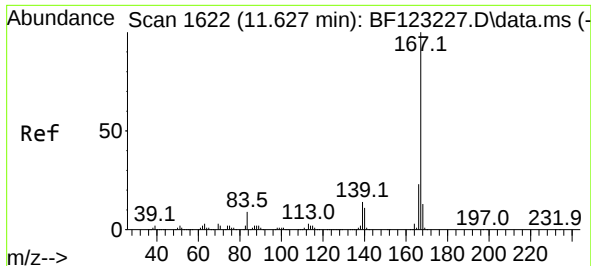
Tgt Ion:178 Resp: 1037610
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.1 12.7 19.1



#72
Anthracene
Concen: 45.17 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:178 Resp: 1087468
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.8 12.8 19.2

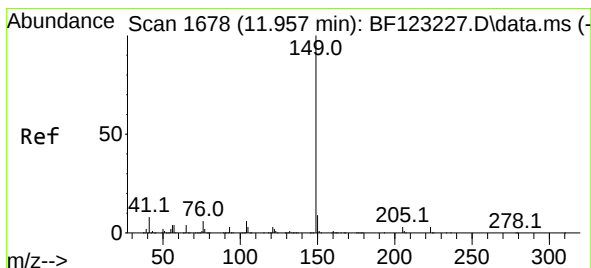
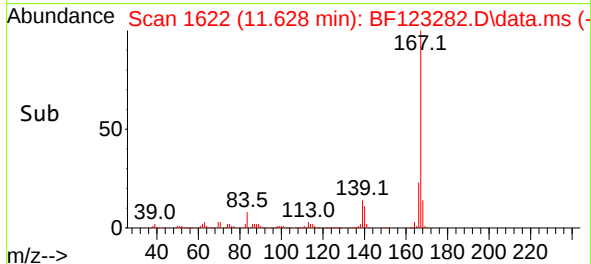
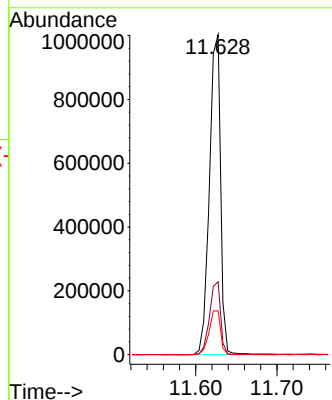
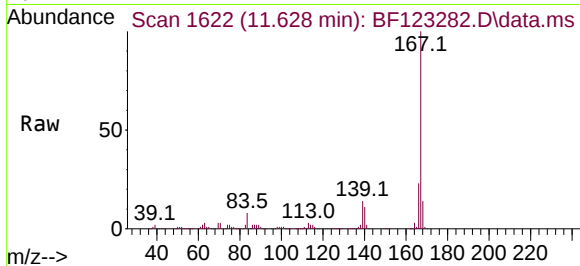




#73
 Carbazole
 Concen: 42.21 ng
 RT: 11.628 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

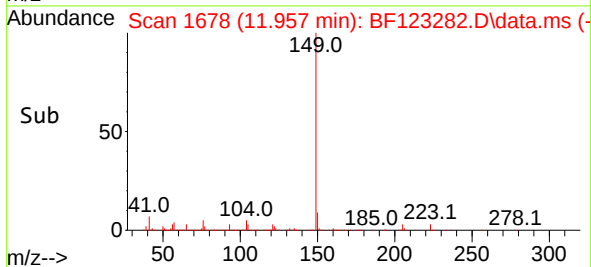
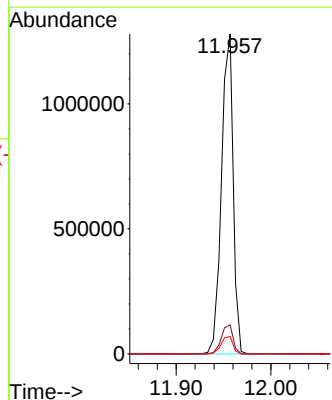
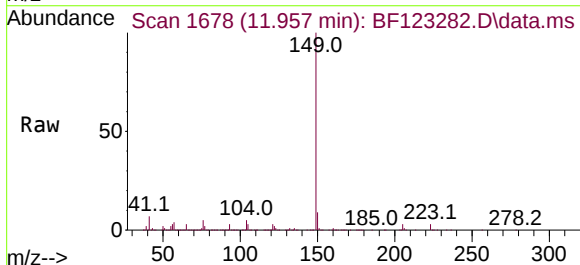
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

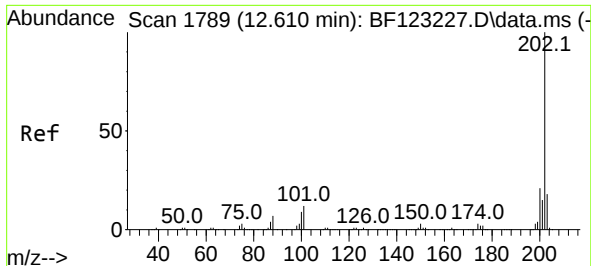
Tgt Ion:167	Resp: 956882
Ion Ratio	Lower Upper
167 100	
166 22.8	18.0 27.0
139 13.7	10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.33 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

Tgt Ion:149	Resp: 1098119		
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.4	4.2	6.4

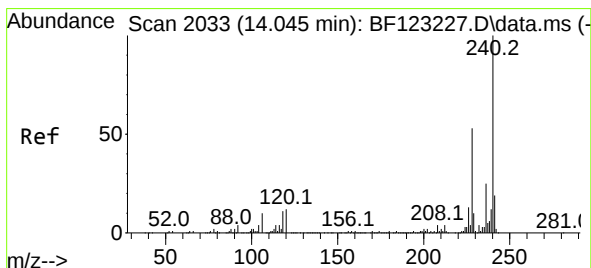
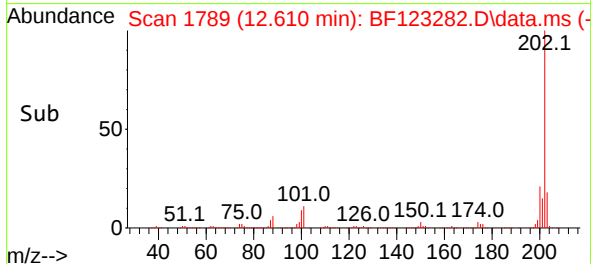
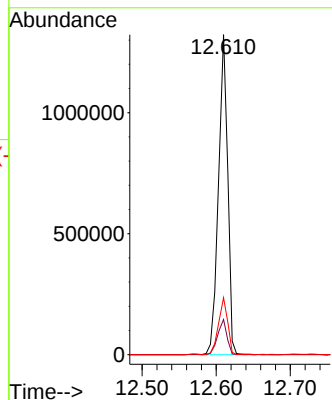
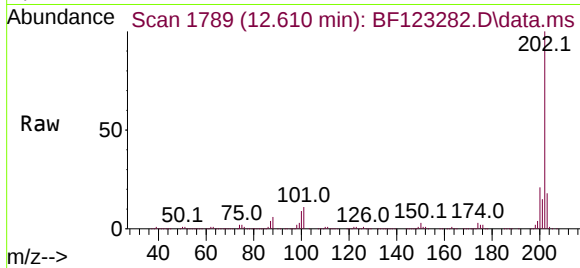




#75
Fluoranthene
Concen: 44.68 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

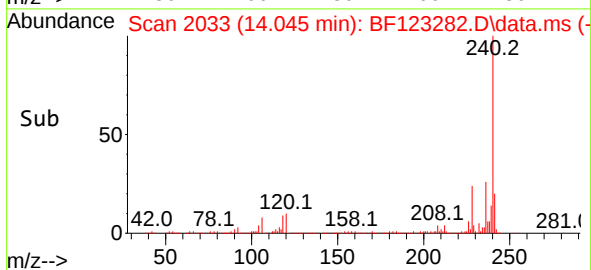
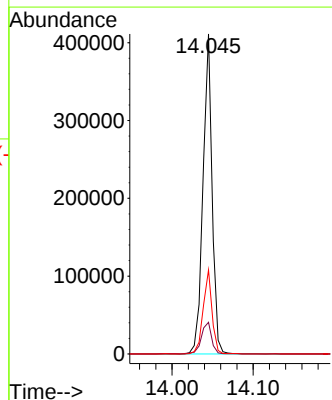
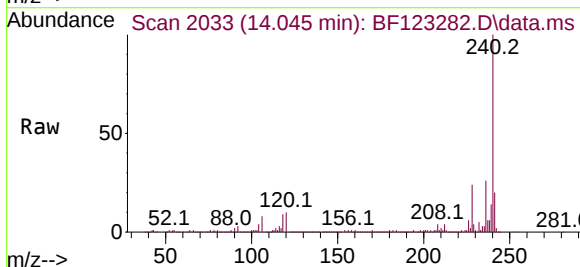
Instrument :
BNA_F
ClientSampleId :
TP-4MS

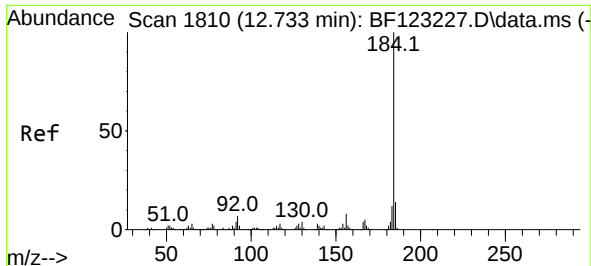
Tgt Ion:202 Resp: 1142615
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:240 Resp: 320792
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 26.2 20.3 30.5

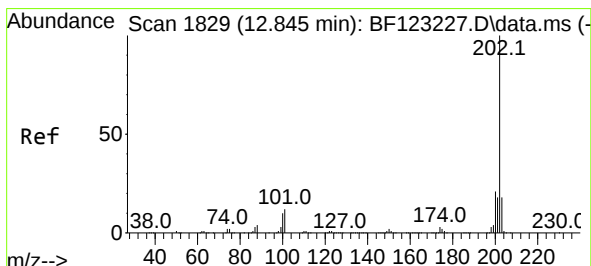
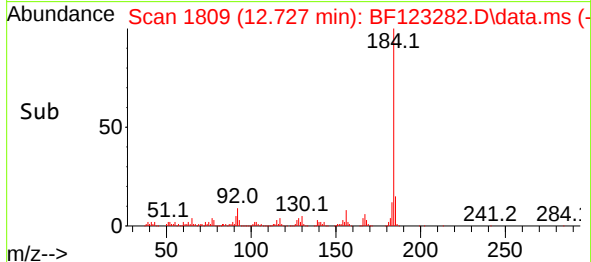
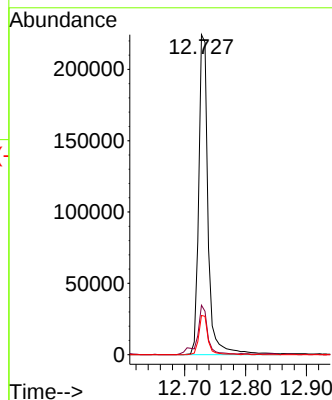
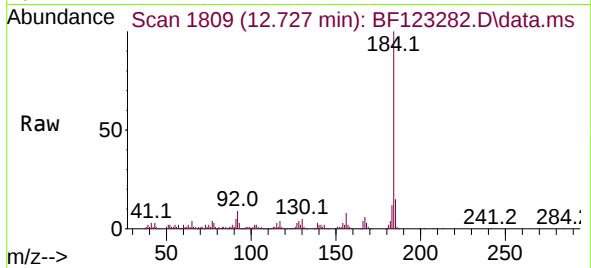




#77
Benzidine
Concen: 23.18 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

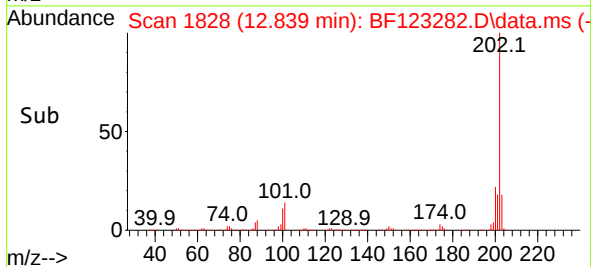
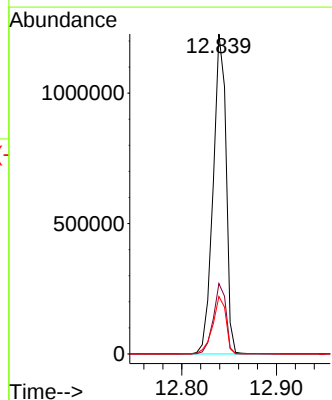
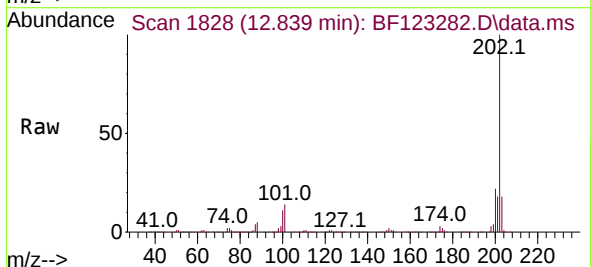
Instrument :
BNA_F
ClientSampleId :
TP-4MS

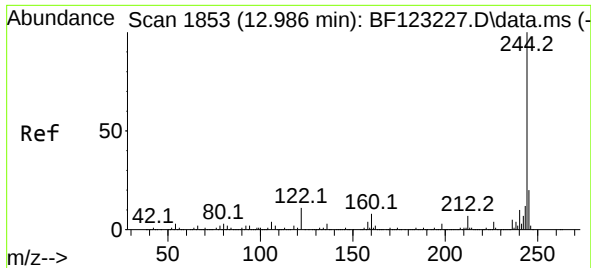
Tgt Ion:184 Resp: 240180
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 12.2 9.7 14.5



#78
Pyrene
Concen: 46.27 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:202 Resp: 1158808
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.9 14.6 21.8

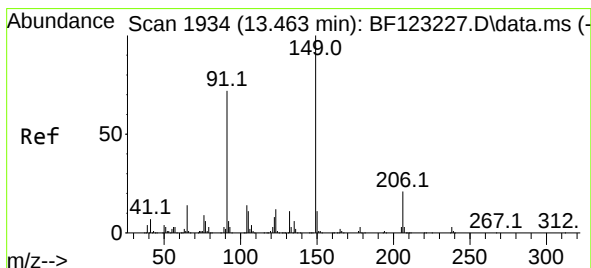
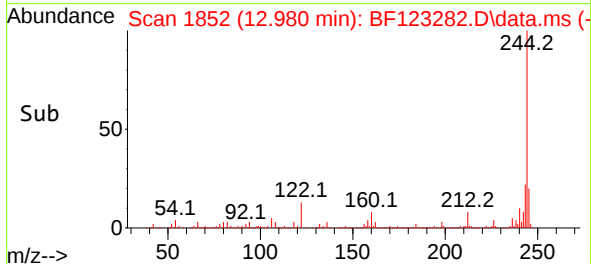
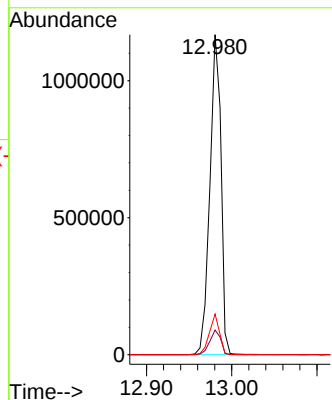
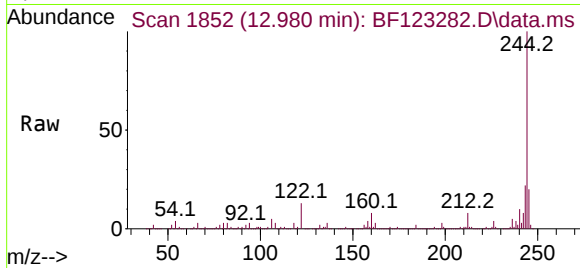




#79
 Terphenyl-d14
 Concen: 63.35 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

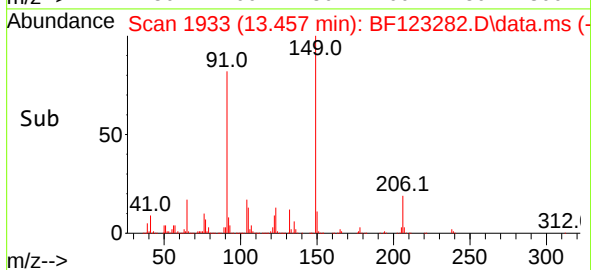
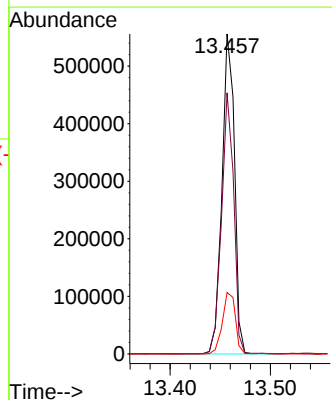
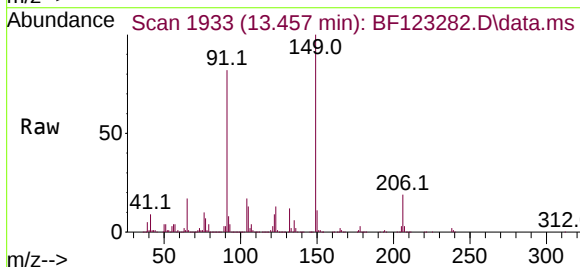
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

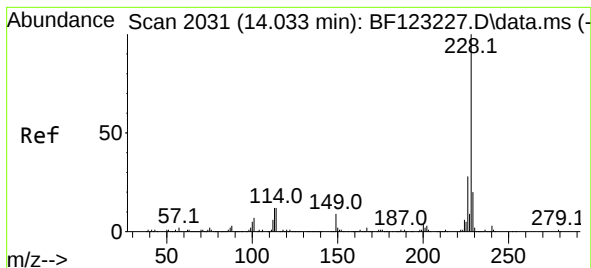
Tgt Ion:244 Resp: 1056795
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.7 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 45.41 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.006 min
 Lab File: BF123282.D
 Acq: 23 Feb 2021 15:51

Tgt Ion:149 Resp: 480709
 Ion Ratio Lower Upper
 149 100
 91 81.6 56.5 84.7
 206 19.2 17.0 25.6

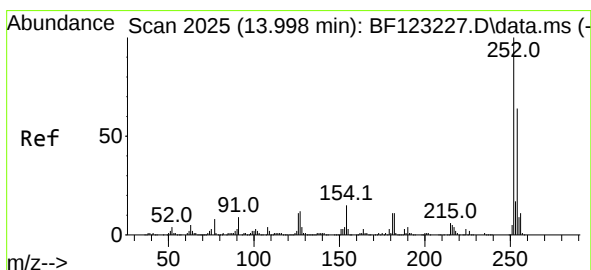
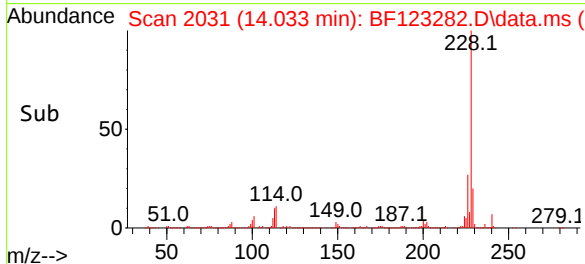
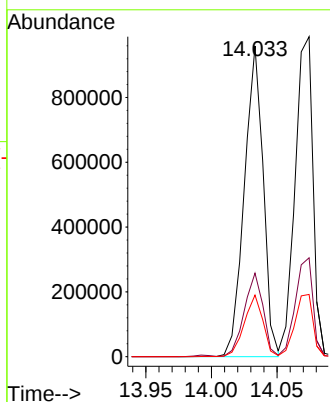
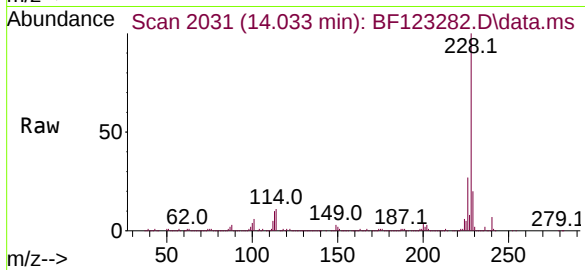




#81
Benzo(a)anthracene
Concen: 44.05 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

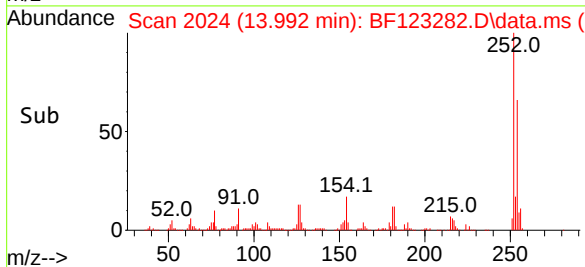
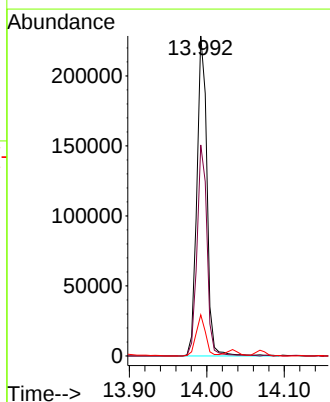
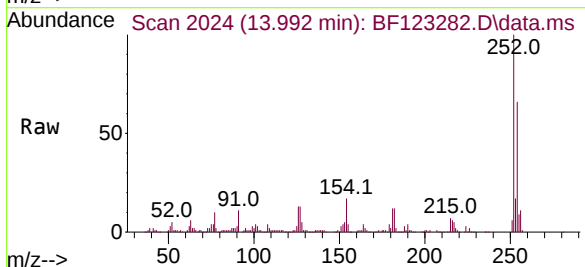
Instrument :
BNA_F
ClientSampleId :
TP-4MS

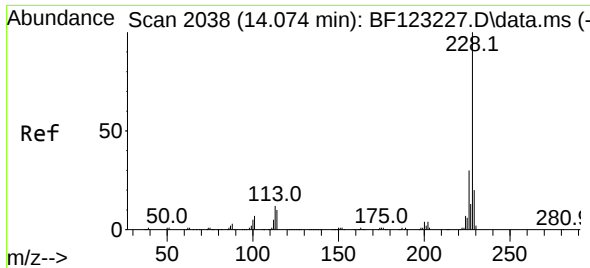
Tgt Ion:228 Resp: 960378
Ion Ratio Lower Upper
228 100
226 26.9 23.0 34.4
229 19.8 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 28.47 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:252 Resp: 206341
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 12.9 8.0 12.0#

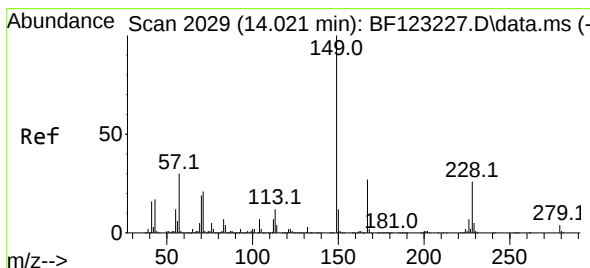
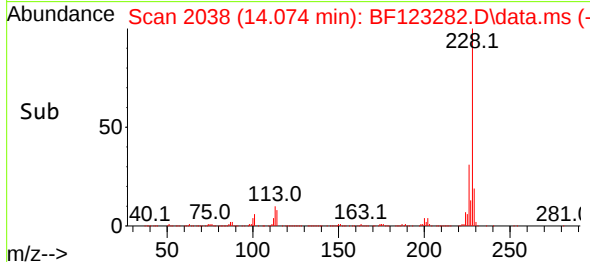
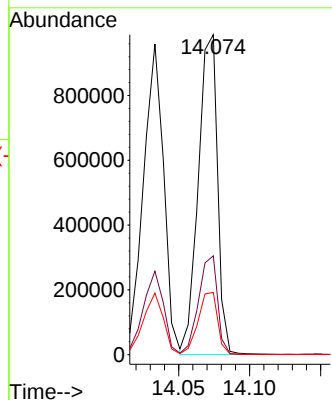
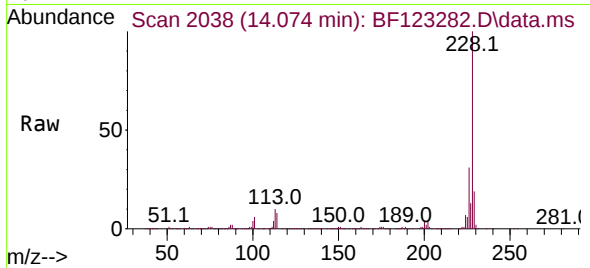




#83
Chrysene
Concen: 43.62 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

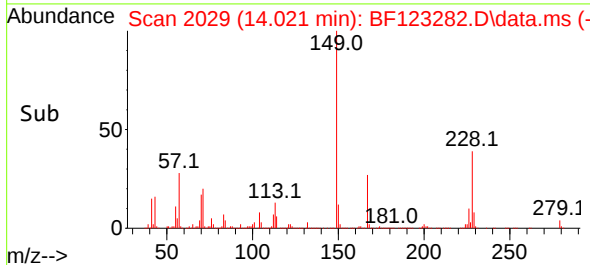
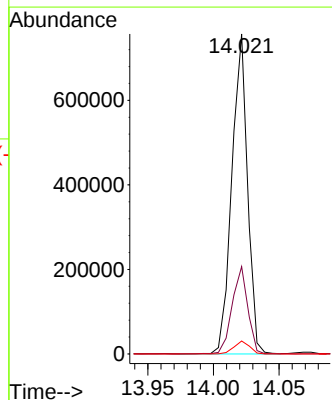
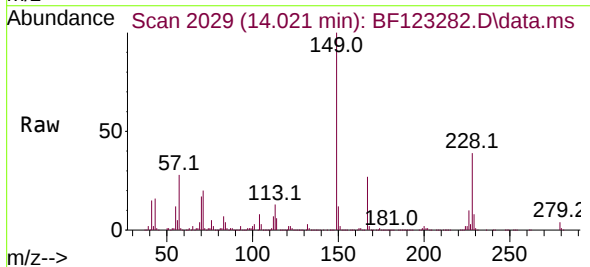
Instrument :
BNA_F
ClientSampled :
TP-4MS

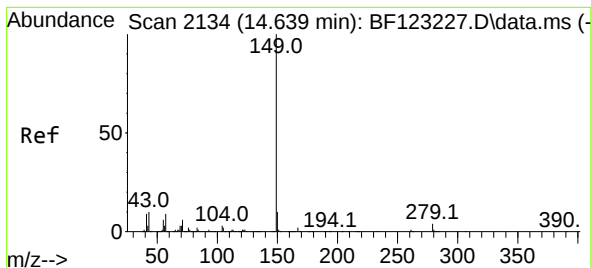
Tgt Ion:228 Resp: 934013
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.4 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.26 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:149 Resp: 630549
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.1 3.4 5.0

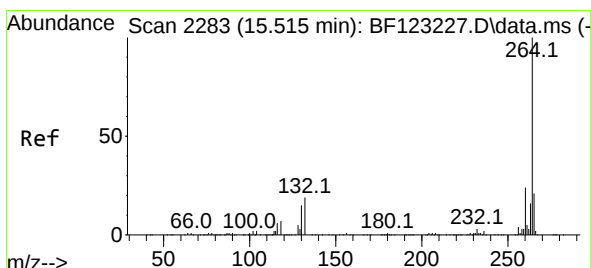
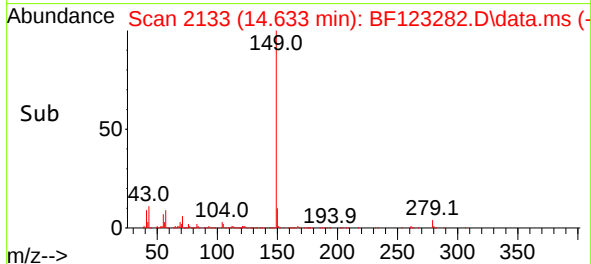
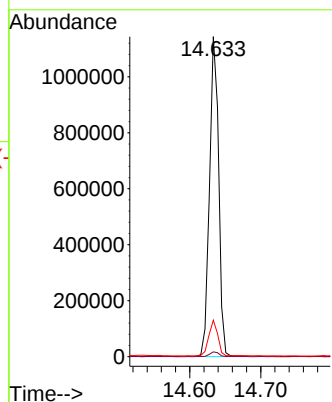
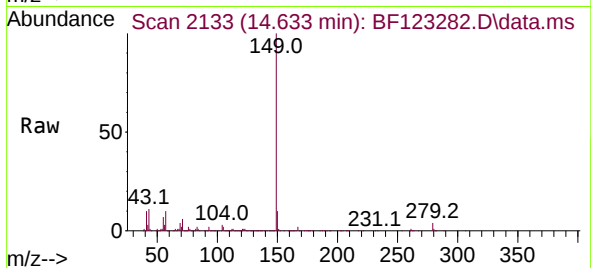




#85
Di-n-octyl phthalate
Concen: 41.24 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

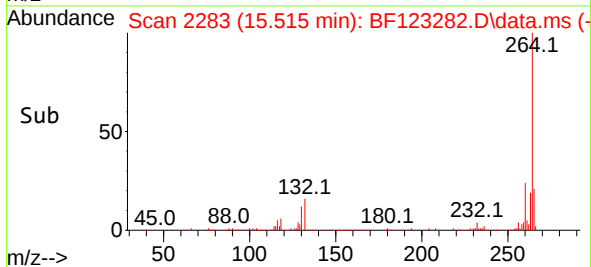
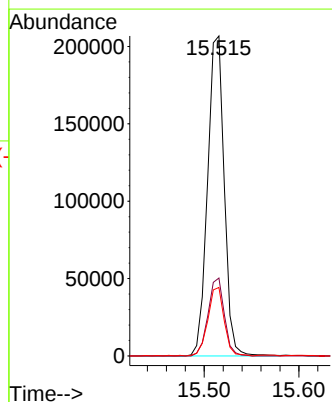
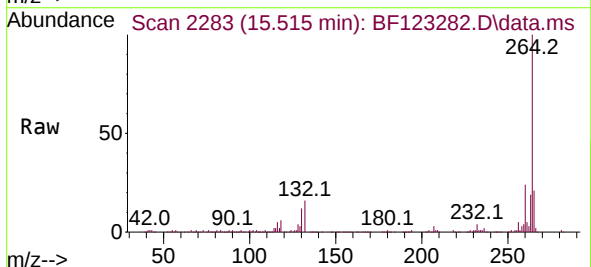
Instrument :
BNA_F
ClientSampleId :
TP-4MS

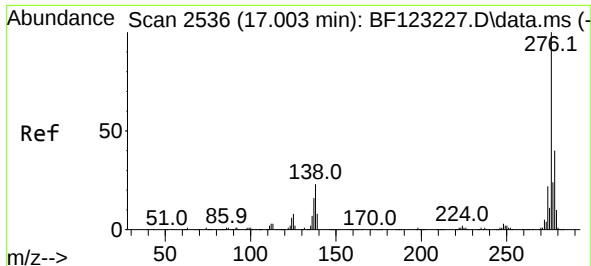
Tgt Ion:149 Resp: 1027022
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:264 Resp: 252863
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 21.4 17.0 25.6

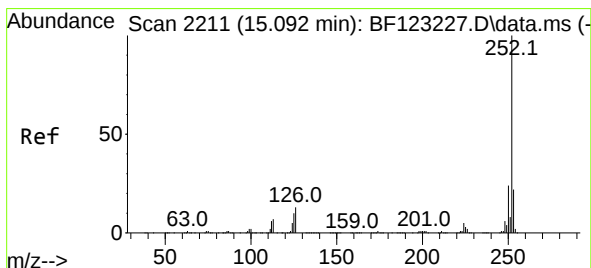
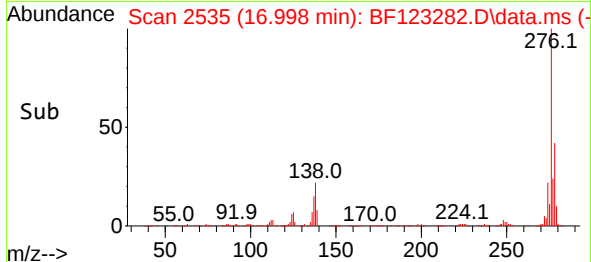
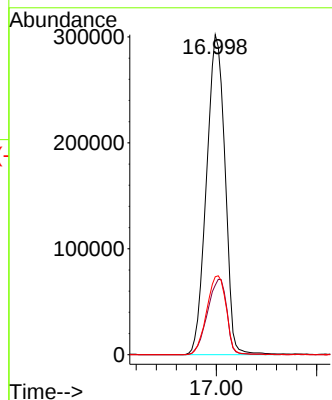
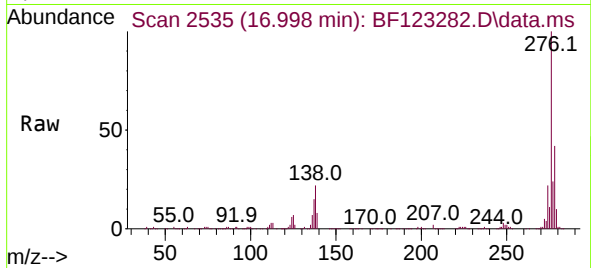




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.32 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

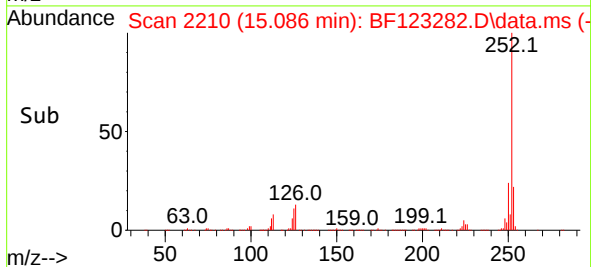
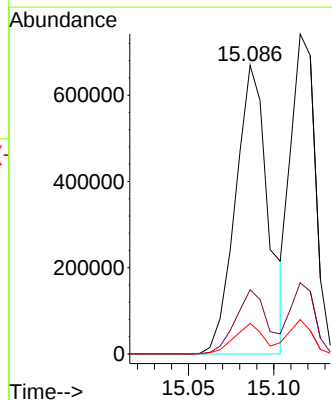
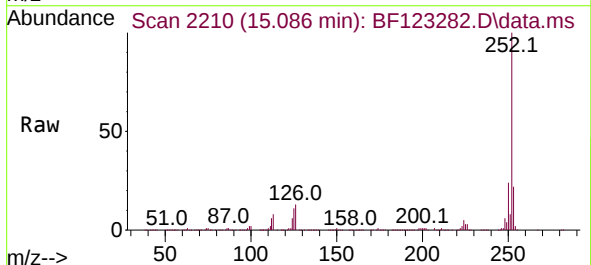
Instrument :
BNA_F
ClientSampleId :
TP-4MS

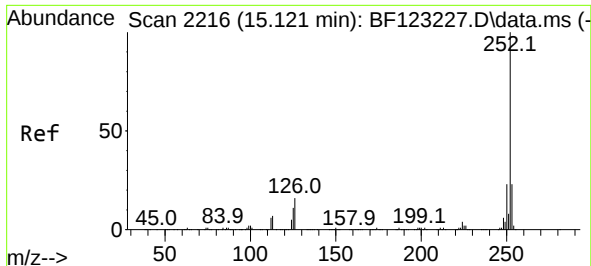
Tgt Ion:276 Resp: 774573
Ion Ratio Lower Upper
276 100
138 24.6 18.7 28.1
277 25.9 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 50.10 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:252 Resp: 889802
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.12 ng

RT: 15.116 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

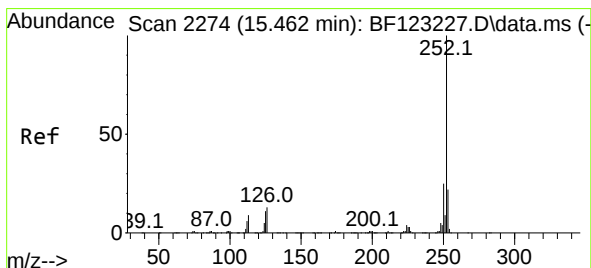
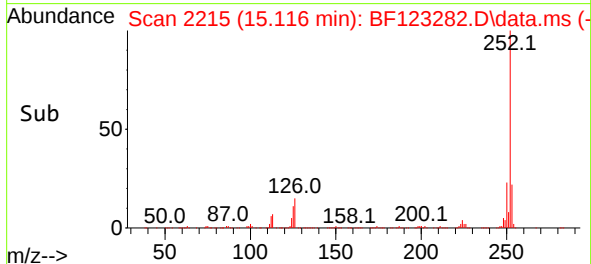
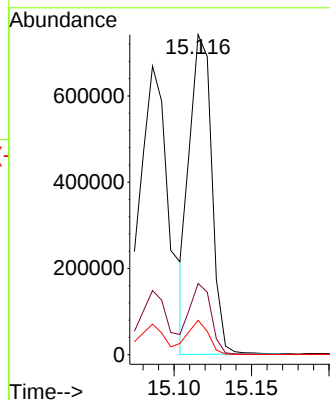
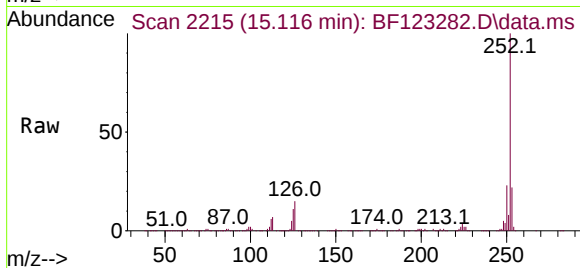
Tgt Ion:252 Resp: 742574

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.8 8.4 12.6



#90

Benzo(a)pyrene

Concen: 44.38 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF123282.D

Acq: 23 Feb 2021 15:51

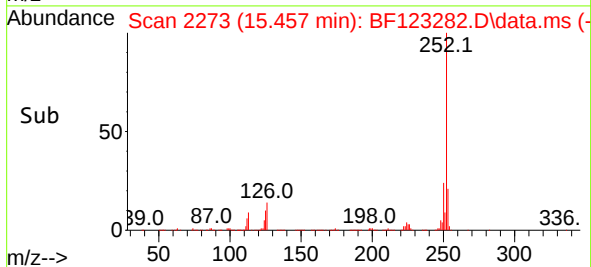
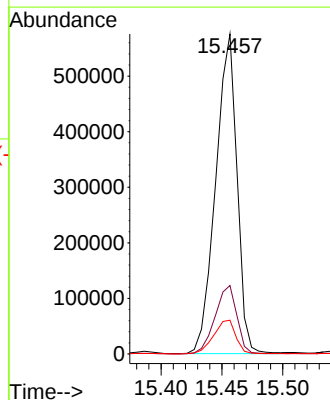
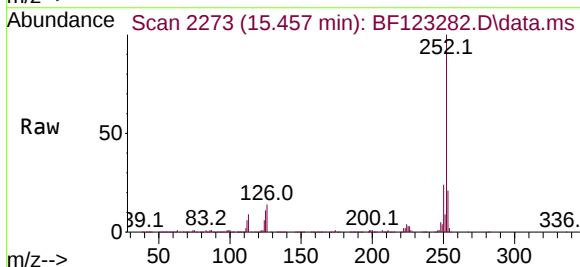
Tgt Ion:252 Resp: 702785

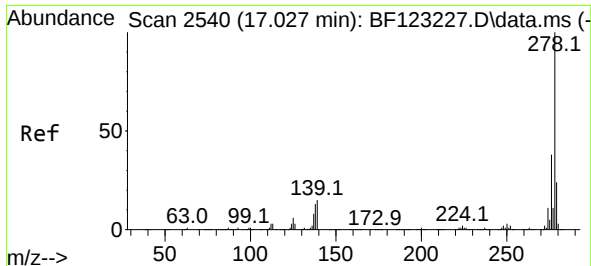
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.6 8.6 12.8

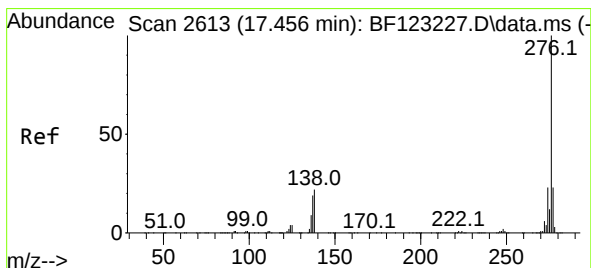
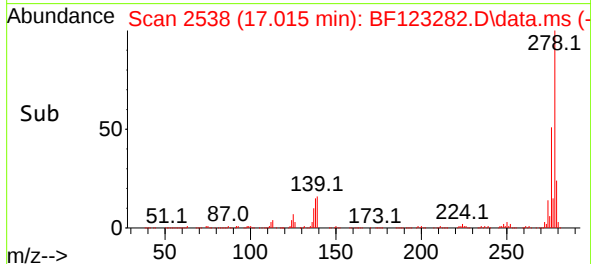
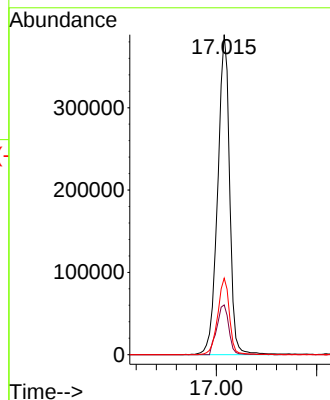
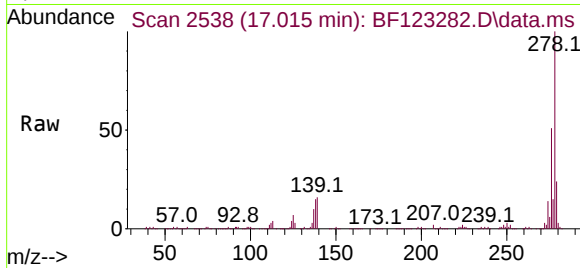




#91
Dibenzo(a,h)anthracene
Concen: 42.76 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:278 Resp: 641083
Ion Ratio Lower Upper
278 100
139 15.6 12.0 18.0
279 23.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 46.28 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF123282.D
Acq: 23 Feb 2021 15:51

Tgt Ion:276 Resp: 639019
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 20.8 16.6 24.8

