

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123172.D
 Acq On : 10 Feb 2021 16:06
 Operator : JU/CG
 Sample : PB134558BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134558BS

Quant Time: Feb 10 17:29:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 15:25:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	169791	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	656224	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	352720	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	636115	20.00	ng	0.00
76) Chrysene-d12	14.068	240	493641	20.00	ng	0.00
86) Perylene-d12	15.551	264	400744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1214276	110.32	ng	0.01
7) Phenol-d6	6.516	99	1546606	103.66	ng	0.00
23) Nitrobenzene-d5	7.445	82	888490	68.14	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	485617	126.83	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1693961	71.39	ng	0.00
79) Terphenyl-d14	13.010	244	1817871	72.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	202991	37.07	ng	94
3) Pyridine	3.487	79	546696	37.33	ng	96
4) n-Nitrosodimethylamine	3.440	42	246044	39.92	ng	93
6) Aniline	6.545	93	542543	29.55	ng	99
8) 2-Chlorophenol	6.669	128	525789	44.07	ng	98
9) Benzaldehyde	6.434	77	247837	36.33	ng	97
10) Phenol	6.528	94	645744	43.64	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	502627	40.82	ng	96
12) 1,3-Dichlorobenzene	6.828	146	582784	41.89	ng	99
13) 1,4-Dichlorobenzene	6.898	146	593052	40.93	ng	97
14) 1,2-Dichlorobenzene	7.051	146	565872	41.74	ng	98
15) Benzyl Alcohol	7.022	79	440221	42.09	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	677140	35.66	ng	100
17) 2-Methylphenol	7.134	107	426179	41.98	ng	97
18) Hexachloroethane	7.398	117	217005	42.75	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	357399	39.84	ng	99
20) 3+4-Methylphenols	7.286	107	523451	43.77	ng	96
22) Acetophenone	7.292	105	704156	41.18	ng	100
24) Nitrobenzene	7.463	77	559560	41.65	ng	97
25) Isophorone	7.704	82	1014755	42.49	ng	99
26) 2-Nitrophenol	7.781	139	286754	51.62	ng	99
27) 2,4-Dimethylphenol	7.816	122	465021	46.39	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	633858	38.90	ng	99
29) 2,4-Dichlorophenol	8.022	162	451686	43.09	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	500997	42.42	ng	98
31) Naphthalene	8.192	128	1524404	42.35	ng	100
32) Benzoic acid	7.945	122	336420	42.31	ng	98
33) 4-Chloroaniline	8.233	127	384956	24.10	ng	98
34) Hexachlorobutadiene	8.310	225	302997	44.41	ng	99
35) Caprolactam	8.604	113	77890	21.99	ng	89
36) 4-Chloro-3-methylphenol	8.722	107	478881	43.93	ng	98
37) 2-Methylnaphthalene	8.880	142	1031232	43.15	ng	99
38) 1-Methylnaphthalene	8.980	142	959850	42.42	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	482544	43.98	ng	99
41) Hexachlorocyclopentadiene	9.039	237	568837	109.21	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	331608	44.08	ng	99

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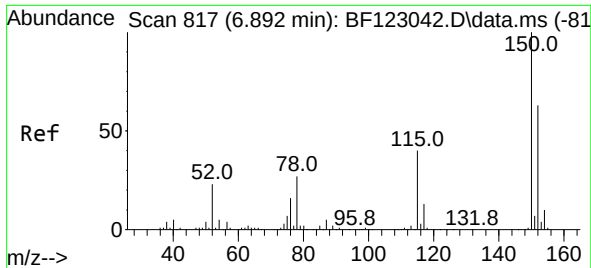
Quant Time: Feb 10 17:29:13 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	352770	44.85	ng	99
46) 1,1'-Biphenyl	9.345	154	1234667	42.68	ng	99
47) 2-Chloronaphthalene	9.375	162	981687	40.53	ng	98
48) 2-Nitroaniline	9.463	65	296909	40.45	ng	84
49) Acenaphthylene	9.792	152	1496766	42.23	ng	100
50) Dimethylphthalate	9.651	163	1152721	41.66	ng	100
51) 2,6-Dinitrotoluene	9.710	165	260581	44.20	ng	97
52) Acenaphthene	9.963	154	1068282	46.92	ng	99
53) 3-Nitroaniline	9.875	138	178762	25.65	ng	93
54) 2,4-Dinitrophenol	9.986	184	270515	98.61	ng	95
55) Dibenzofuran	10.133	168	1349493	40.73	ng	99
56) 4-Nitrophenol	10.039	139	418383	83.03	ng	84
57) 2,4-Dinitrotoluene	10.116	165	346798	45.24	ng	95
58) Fluorene	10.480	166	1035438	39.12	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	303252	45.46	ng	97
60) Diethylphthalate	10.351	149	1135858	41.74	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	515029	41.41	ng	99
62) 4-Nitroaniline	10.492	138	248660	35.50	ng	99
63) Azobenzene	10.627	77	1055710	39.65	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	189729	53.41	ng	91
66) n-Nitrosodiphenylamine	10.586	169	934659	40.76	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	347570	42.90	ng	92
68) Hexachlorobenzene	11.027	284	379868	43.72	ng	97
69) Atrazine	11.116	200	266650	42.11	ng	99
70) Pentachlorophenol	11.222	266	441042	93.65	ng	98
71) Phenanthrene	11.445	178	1542068	39.03	ng	100
72) Anthracene	11.498	178	1590845	41.98	ng	99
73) Carbazole	11.651	167	1380011	39.24	ng	99
74) Di-n-butylphthalate	11.980	149	1729119	41.46	ng	100
75) Fluoranthene	12.639	202	1617625	40.97	ng	98
77) Benzidine	12.757	184	551551	49.38	ng	99
78) Pyrene	12.868	202	1597020	42.85	ng	99
80) Butylbenzylphthalate	13.486	149	710955	44.34	ng	96
81) Benzo(a)anthracene	14.057	228	1376472	41.20	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	377214	35.88	ng	# 99
83) Chrysene	14.098	228	1375081	41.12	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	995308	46.71	ng	99
85) Di-n-octyl phthalate	14.662	149	1636880	45.74	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	1248123	46.77	ng	99
88) Benzo(b)fluoranthene	15.121	252	1350577	46.69	ng	97
89) Benzo(k)fluoranthene	15.151	252	1214827	45.20	ng	98
90) Benzo(a)pyrene	15.492	252	1134102	44.64	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	1055740	48.06	ng	99
92) Benzo(g,h,i)perylene	17.503	276	1015872	47.72	ng	99

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

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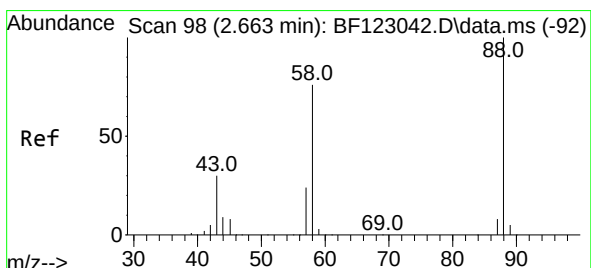
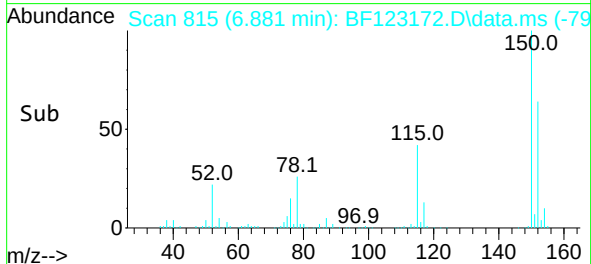
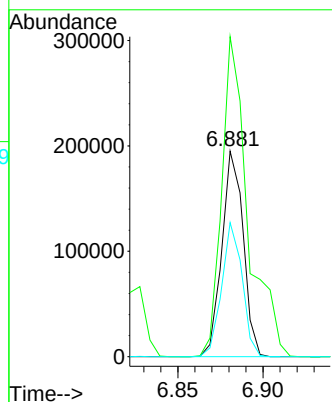
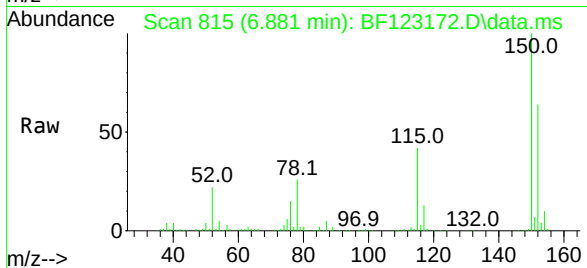




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.005 min
 Lab File: BF123172.D
 Acq: 10 Feb 2021 16:06

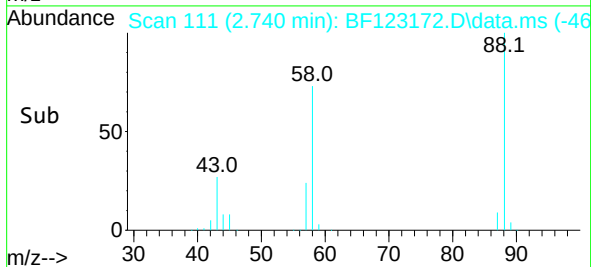
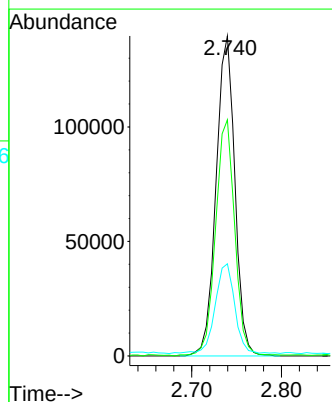
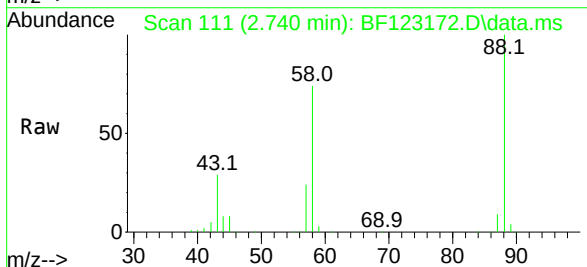
Instrument :
 BNA_F
 ClientSampled :
 PB134558BS

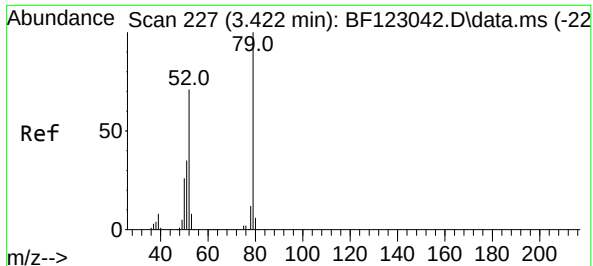
Tgt Ion:152 Resp: 169791
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.8 188.6
 115 65.2 49.3 73.9



#2
 1,4-Dioxane
 Concen: 37.07 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.082 min
 Lab File: BF123172.D
 Acq: 10 Feb 2021 16:06

Tgt Ion: 88 Resp: 202991
 Ion Ratio Lower Upper
 88 100
 58 75.7 56.2 84.2
 43 29.3 21.8 32.6

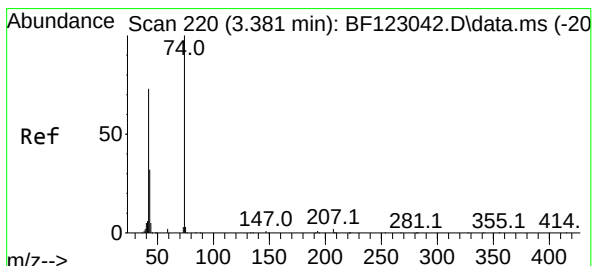
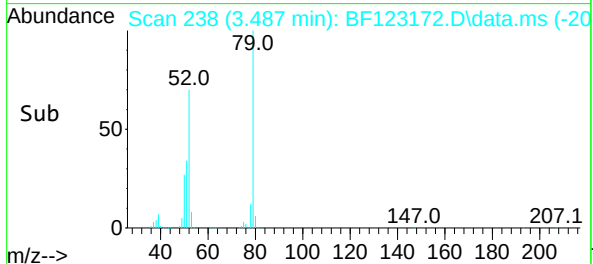
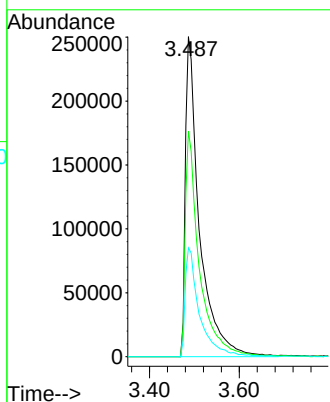
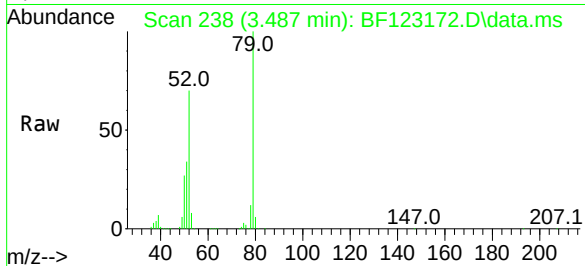




#3
Pyridine
Concen: 37.33 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.071 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

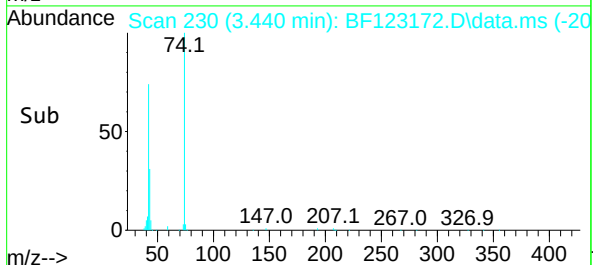
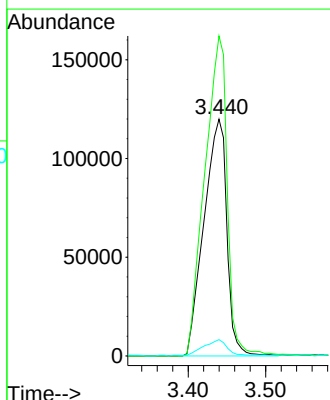
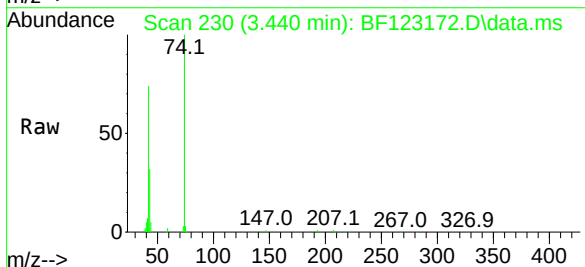
Instrument :
BNA_F
ClientSampleId :
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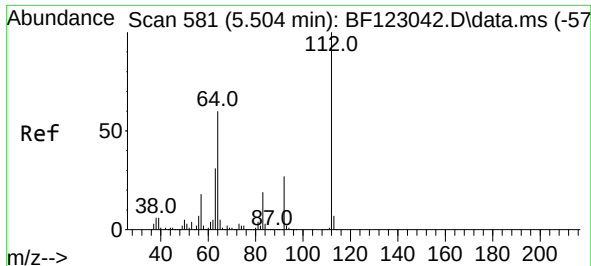
Tgt Ion: 79 Resp: 546696
Ion Ratio Lower Upper
79 100
52 70.4 53.0 79.4
51 34.0 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 39.92 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.071 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion: 42 Resp: 246044
Ion Ratio Lower Upper
42 100
74 135.2 115.2 172.8
44 6.9 5.4 8.0

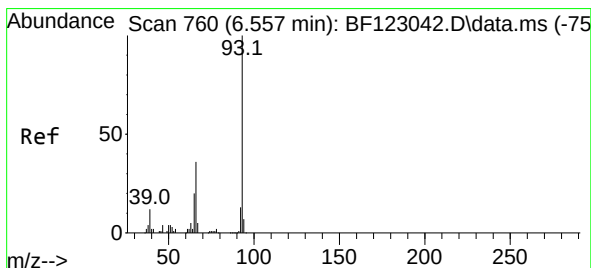
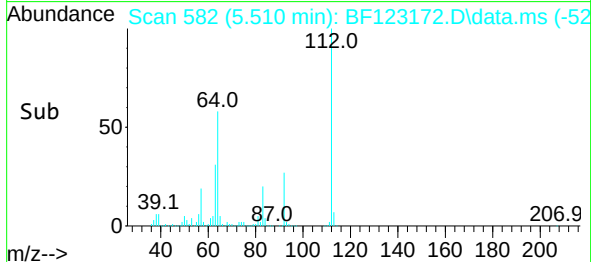
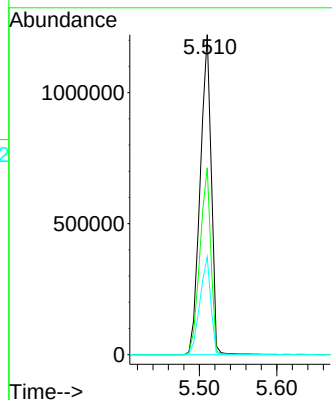
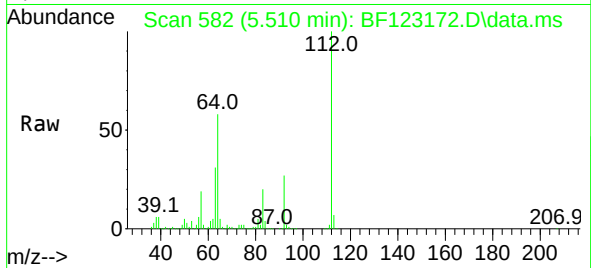




#5
2-Fluorophenol
Concen: 110.32 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

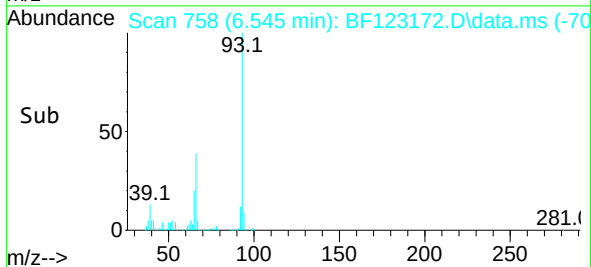
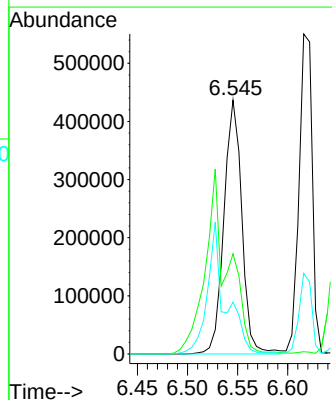
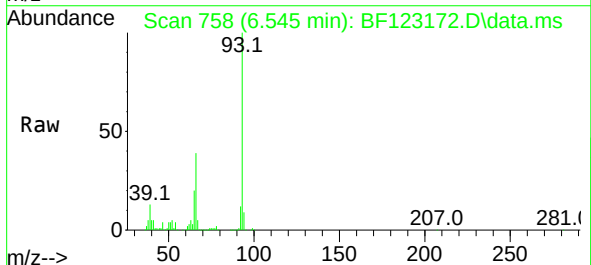
Instrument :
BNA_F
ClientSampleId :
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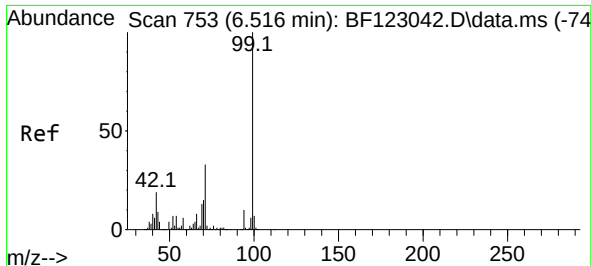
Tgt Ion:112 Resp: 1214276
Ion Ratio Lower Upper
112 100
64 58.4 46.9 70.3
63 30.5 24.5 36.7



#6
Aniline
Concen: 29.55 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion: 93 Resp: 542543
Ion Ratio Lower Upper
93 100
66 39.5 31.3 46.9
65 20.4 15.6 23.4



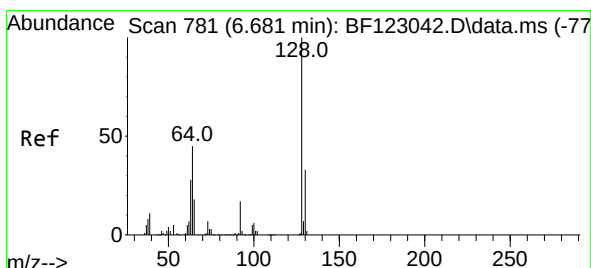
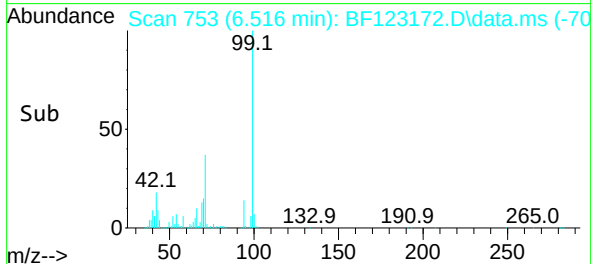
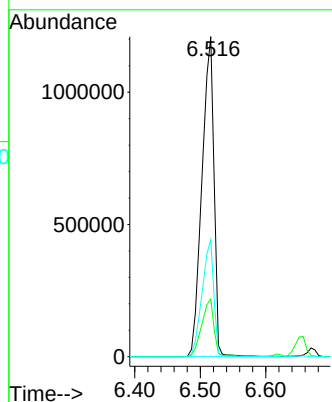
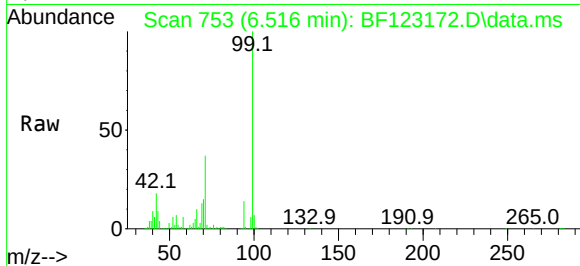


#7
Phenol-d6
Concen: 103.66 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF123172.D
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Instrument :
BNA_F
ClientSampleId :
PB134558BS

Tgt Ion: 99 Resp: 1546606

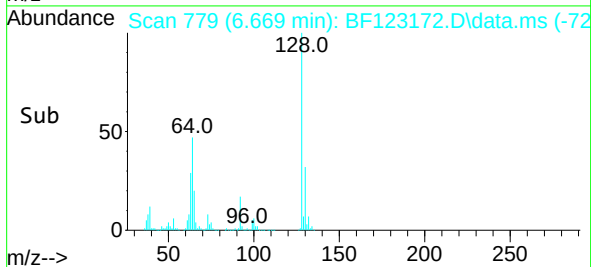
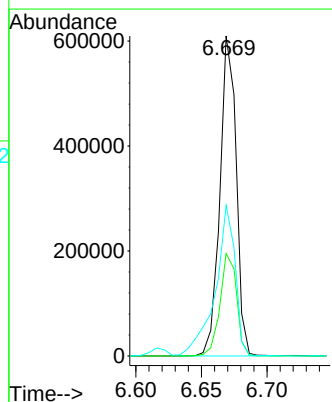
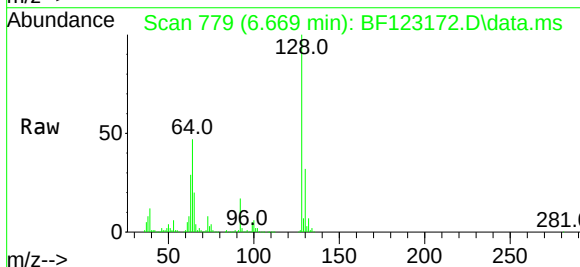
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.6
71	36.5	26.9	40.3

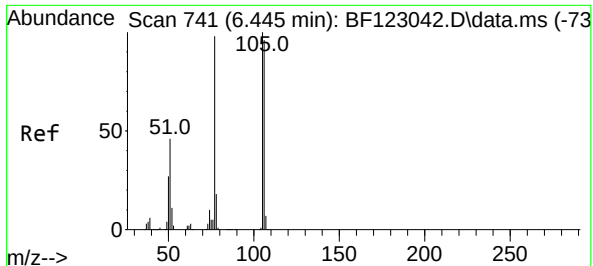


#8
2-Chlorophenol
Concen: 44.07 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:128 Resp: 525789

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	47.1	25.5	65.5

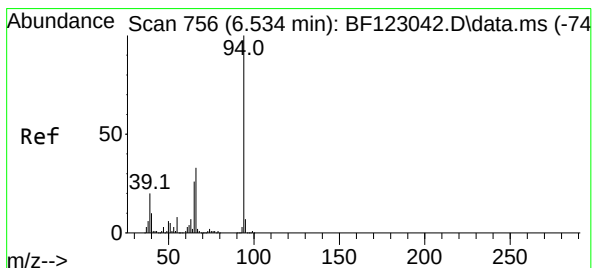
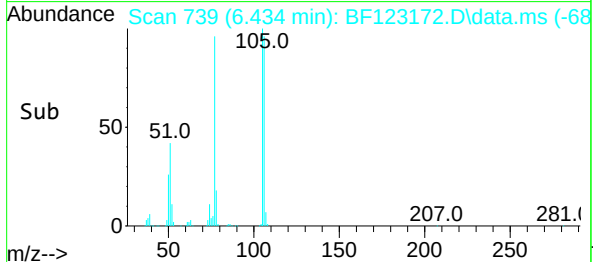
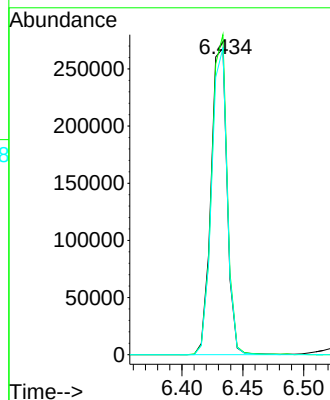
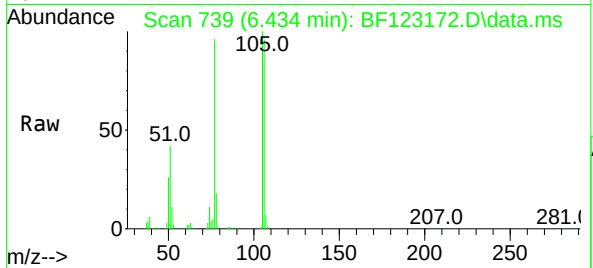




#9
Benzaldehyde
Concen: 36.33 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

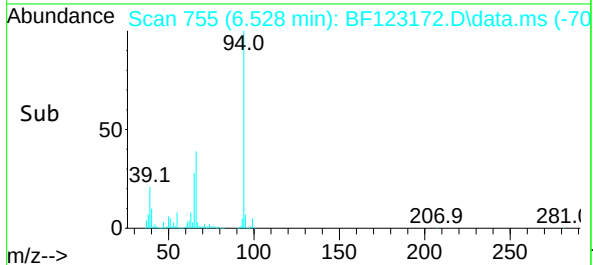
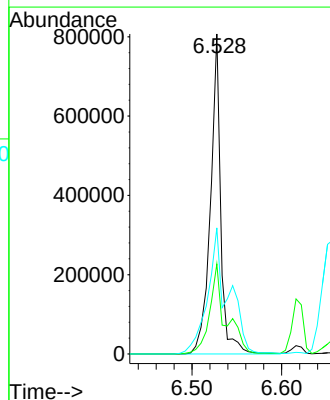
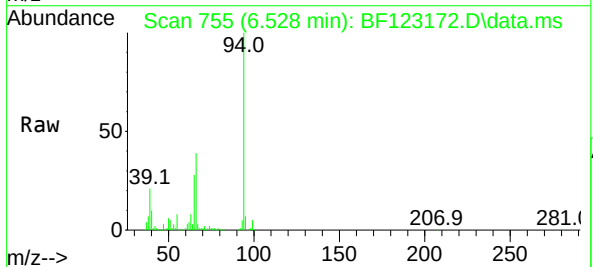
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ClientSampleId :
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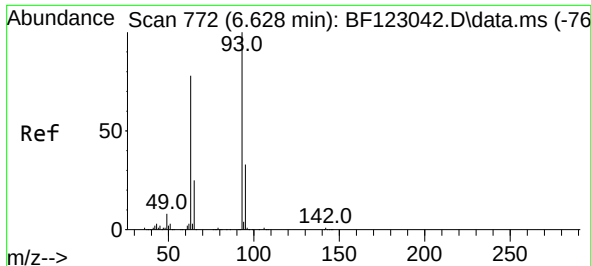
Tgt Ion: 77 Resp: 247837
Ion Ratio Lower Upper
77 100
105 104.4 80.6 120.6
106 100.0 77.2 117.2



#10
Phenol
Concen: 43.64 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion: 94 Resp: 645744
Ion Ratio Lower Upper
94 100
65 28.1 11.2 51.2
66 39.4 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 40.82 ng

RT: 6.616 min Scan# 770

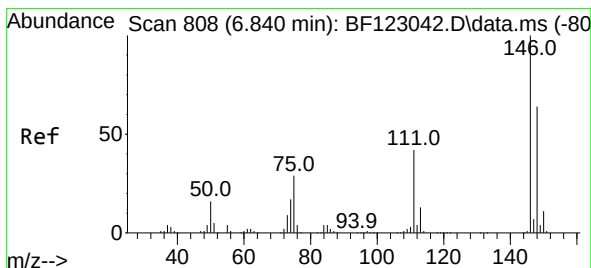
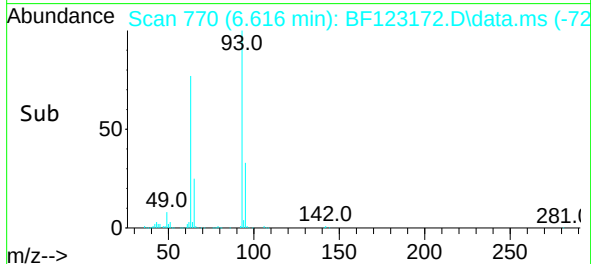
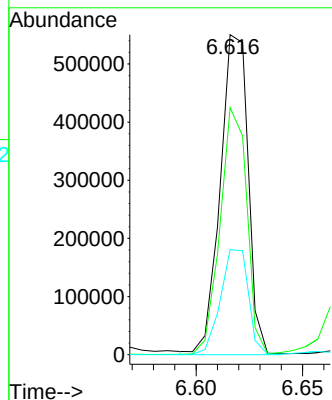
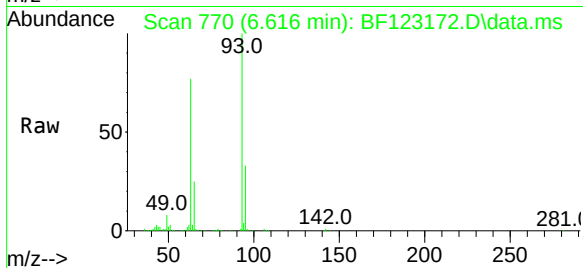
Delta R.T. -0.006 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 93 Resp: 502627

Ion	Ratio	Lower	Upper
93	100		
63	77.2	52.6	92.6
95	32.8	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 41.89 ng

RT: 6.828 min Scan# 806

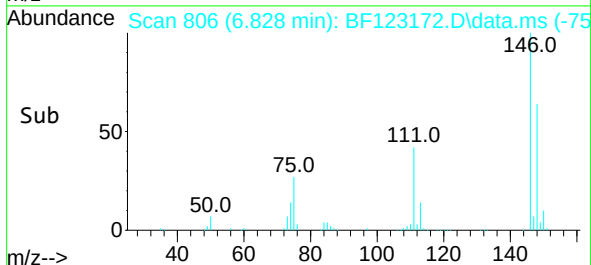
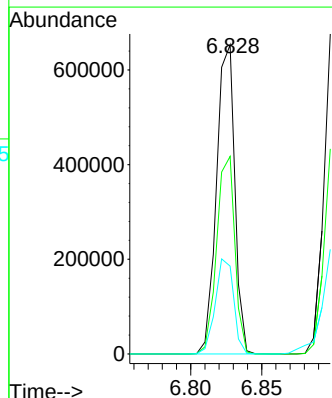
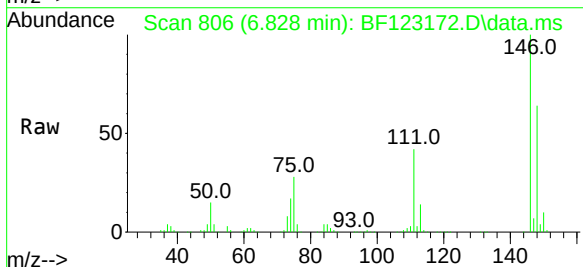
Delta R.T. 0.000 min

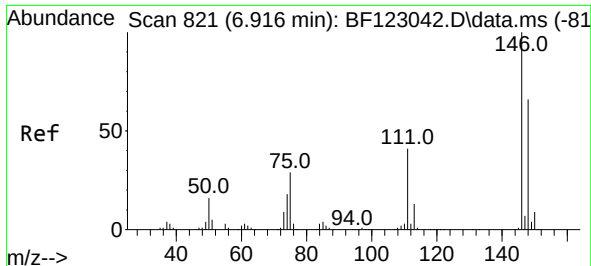
Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 146 Resp: 582784

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.4	22.5	33.7

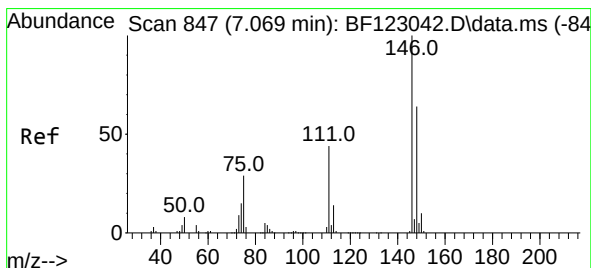
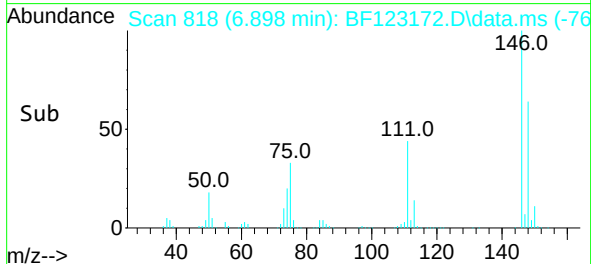
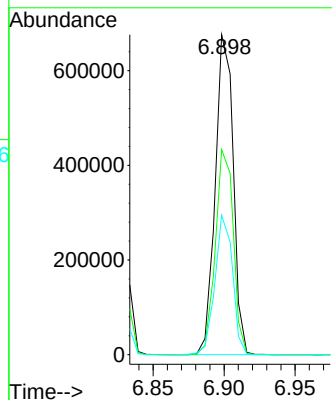
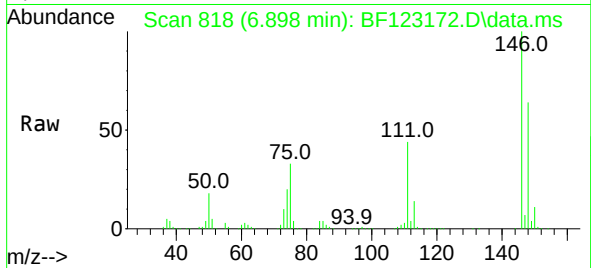




#13
1,4-Dichlorobenzene
Concen: 40.93 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

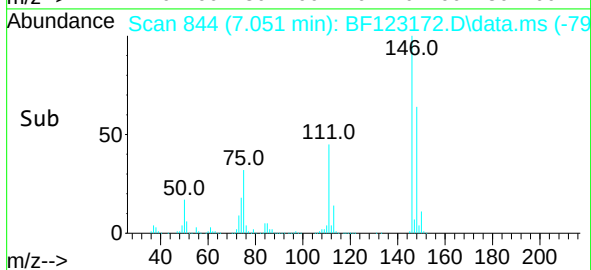
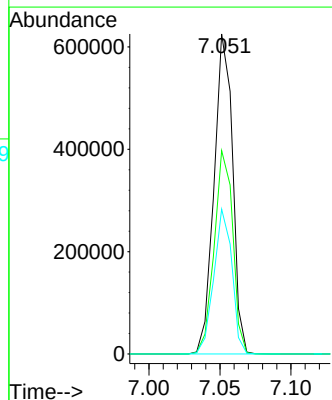
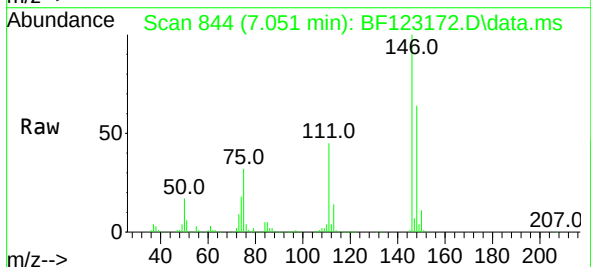
Instrument :
BNA_F
ClientSampleId :
PB134558BS

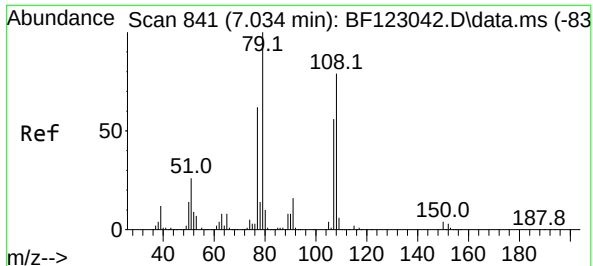
Tgt Ion:146 Resp: 593052
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 43.6 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 41.74 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:146 Resp: 565872
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 45.2 34.2 51.2

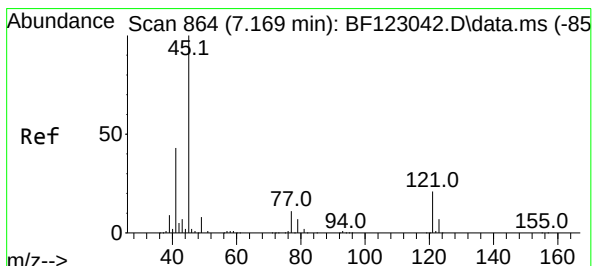
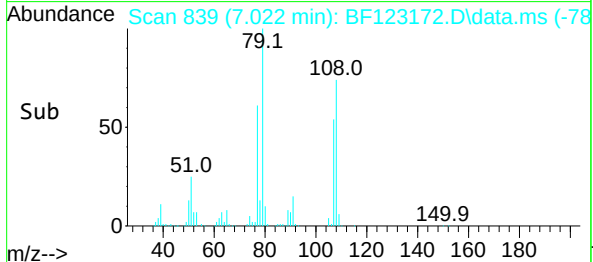
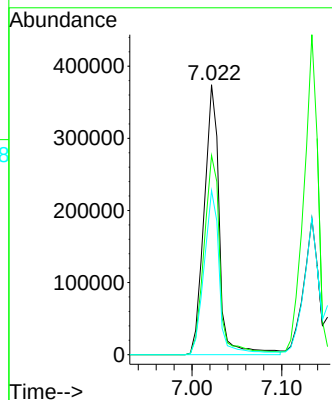
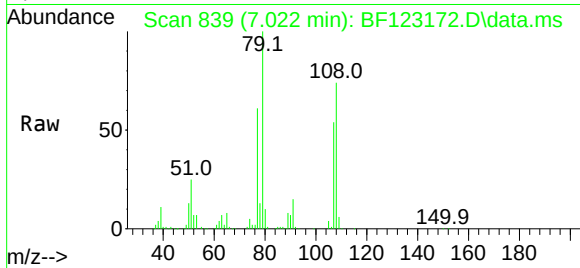




#15
Benzyl Alcohol
Concen: 42.09 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

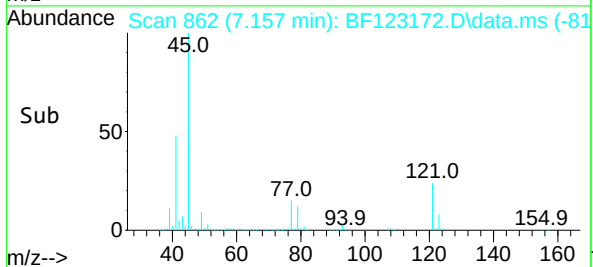
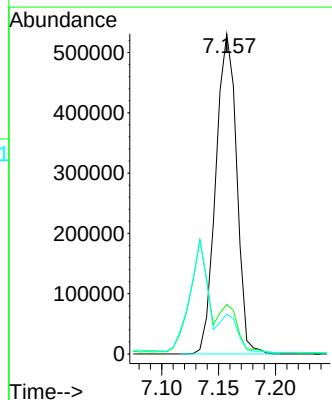
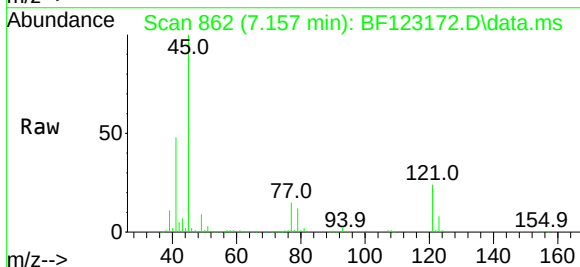
Instrument :
BNA_F
ClientSampleId :
PB134558BS

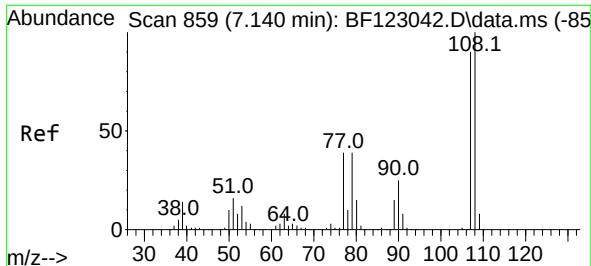
Tgt Ion: 79 Resp: 440221
Ion Ratio Lower Upper
79 100
108 73.8 62.4 93.6
77 60.8 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.66 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion: 45 Resp: 677140
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.6
79 12.5 0.0 32.4

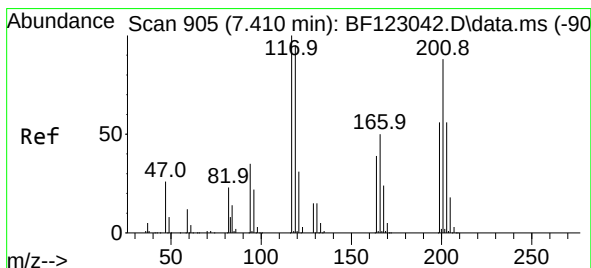
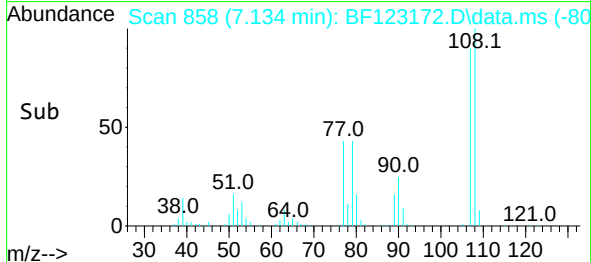
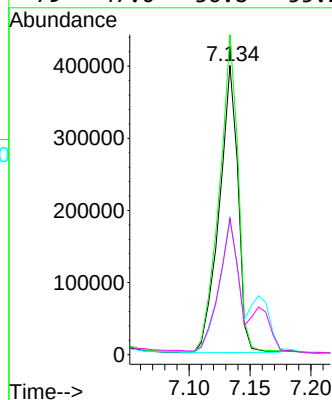
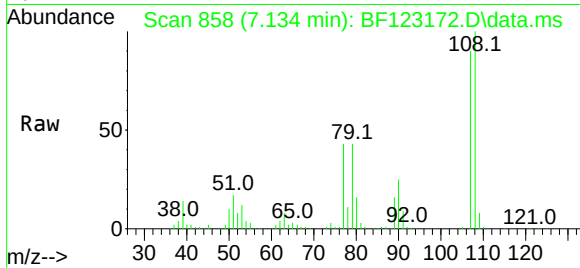




#17
2-Methylphenol
Concen: 41.98 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

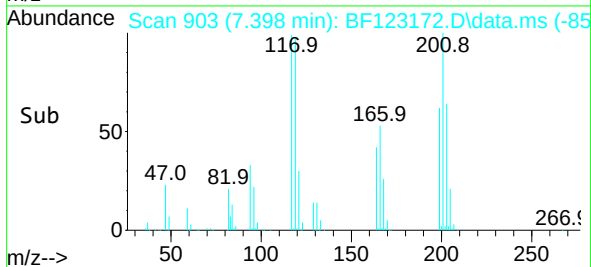
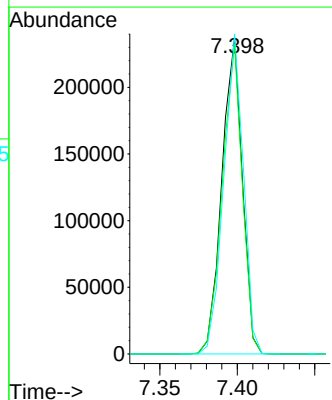
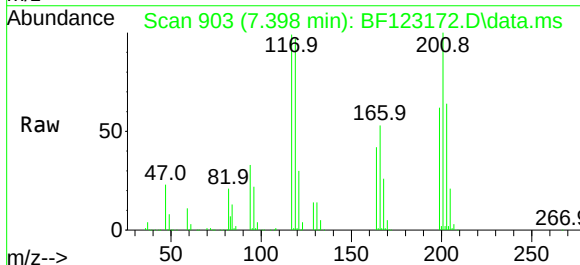
Instrument :
BNA_F
ClientSampleId :
PB134558BS

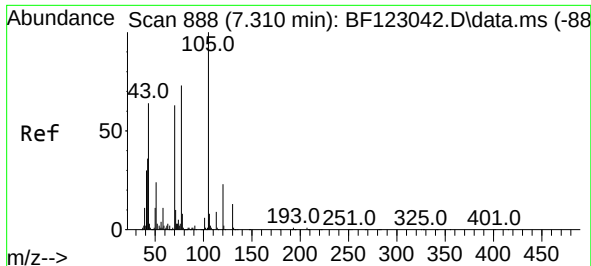
Tgt Ion:	107	Resp:	426179
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.1	136.7
77	47.3	36.3	54.5
79	47.0	36.8	55.2



#18
Hexachloroethane
Concen: 42.75 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

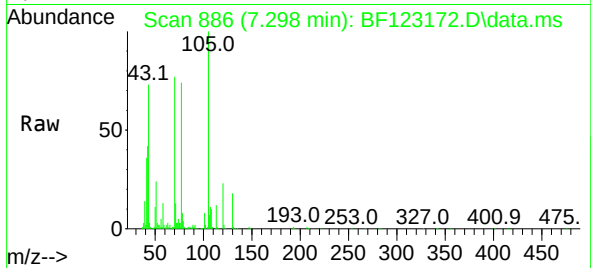
Tgt Ion:	117	Resp:	217005
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.4	117.6
201	101.1	79.6	119.4



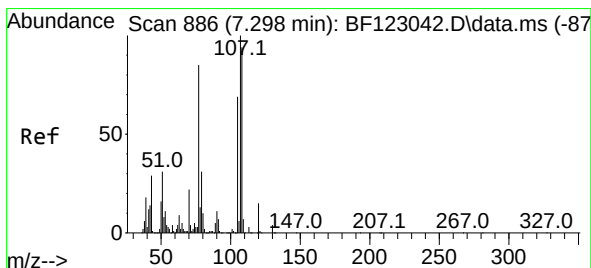
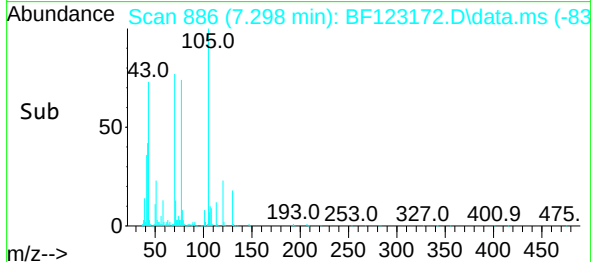
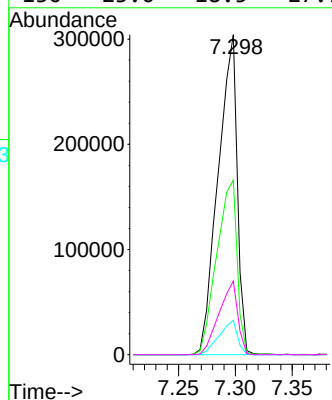


#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Instrument :
BNA_F
ClientSampleId :
PB134558BS

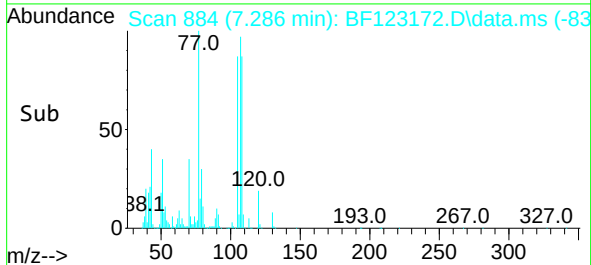
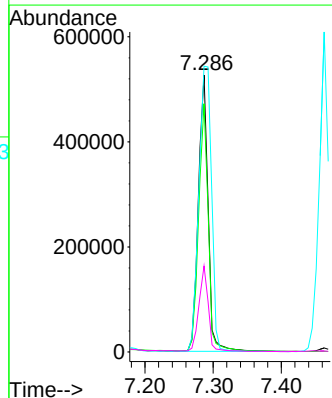
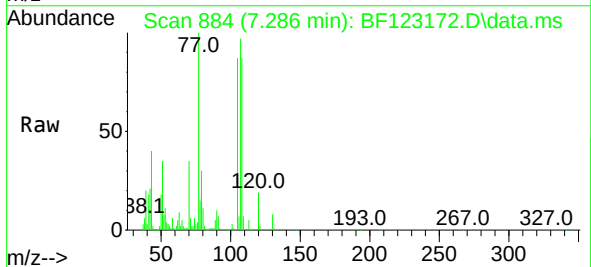


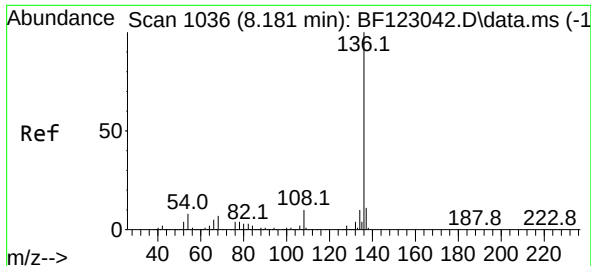
Tgt Ion:	70	Resp:	357399
Ion	Ratio	Lower	Upper
70	100		
42	54.6	43.0	64.4
101	10.7	7.9	11.9
130	23.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 43.77 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:	107	Resp:	523451
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.7	108.7
77	103.2	89.8	129.8
79	31.0	9.8	49.8



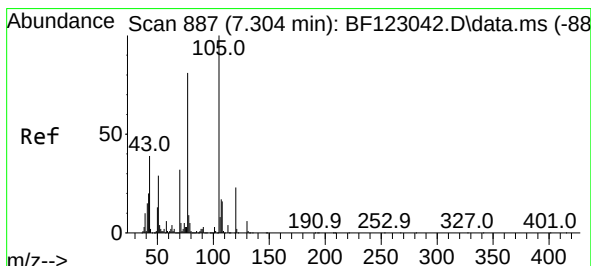
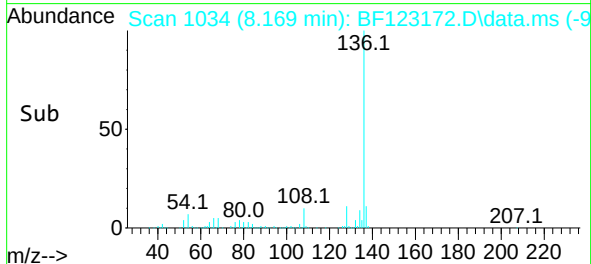
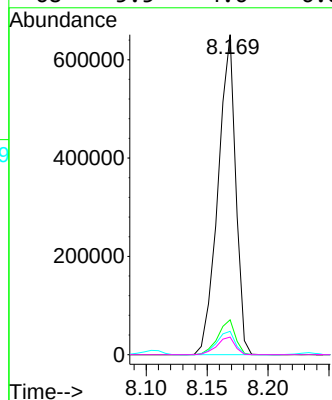
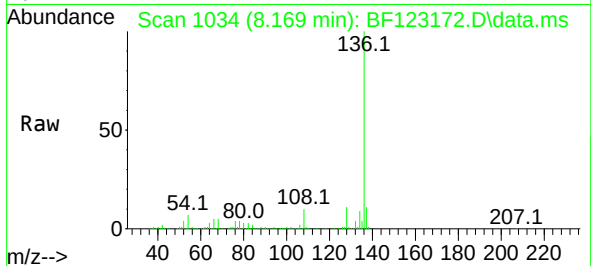


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Instrument :
BNA_F
ClientSampleId :
PB134558BS

Tgt Ion:136 Resp: 656224

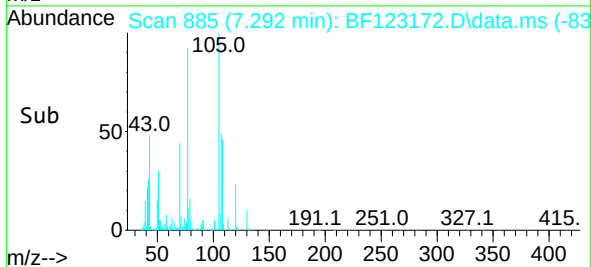
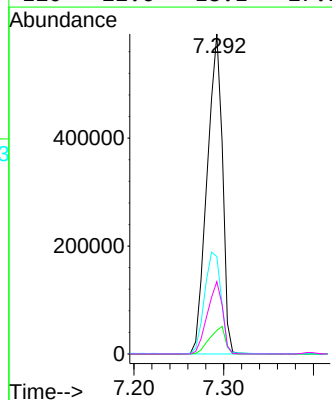
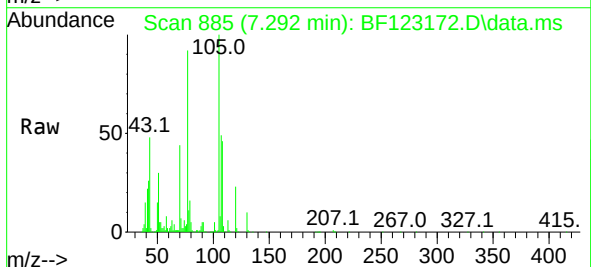
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.5	8.3
68	5.5	4.6	6.8

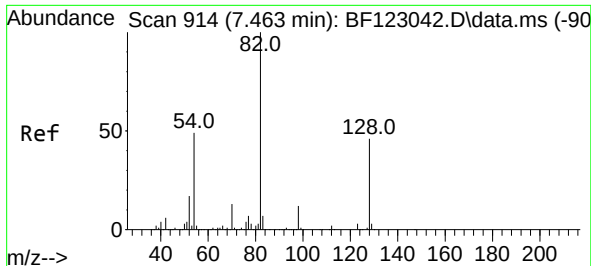


#22
Acetophenone
Concen: 41.18 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:105 Resp: 704156

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.5	9.7
51	30.4	24.3	36.5
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 68.14 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 82 Resp: 888490

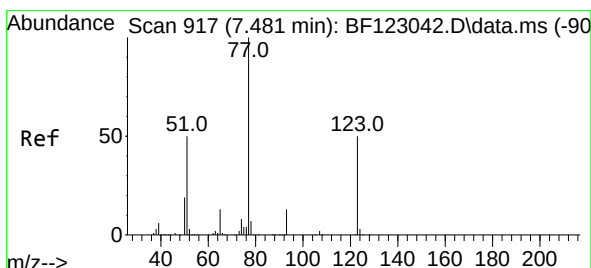
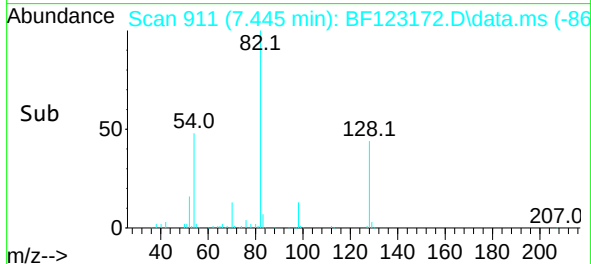
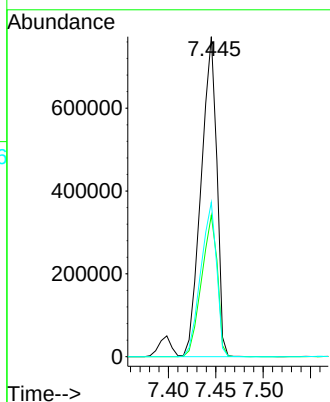
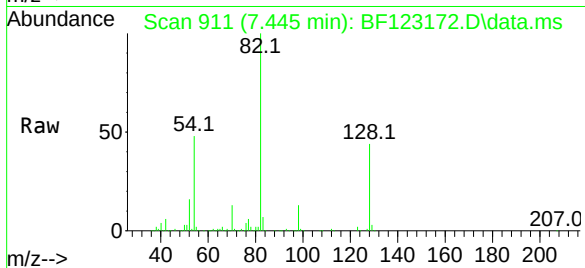
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.4
54	48.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

PB134558BS



#24

Nitrobenzene

Concen: 41.65 ng

RT: 7.463 min Scan# 914

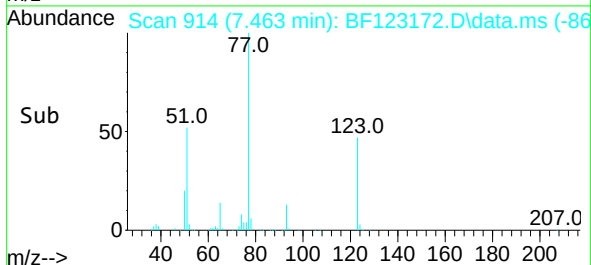
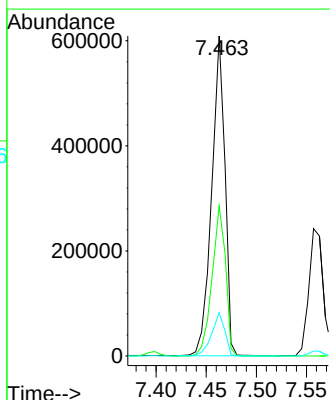
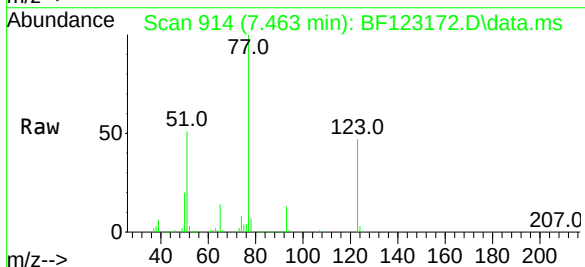
Delta R.T. -0.006 min

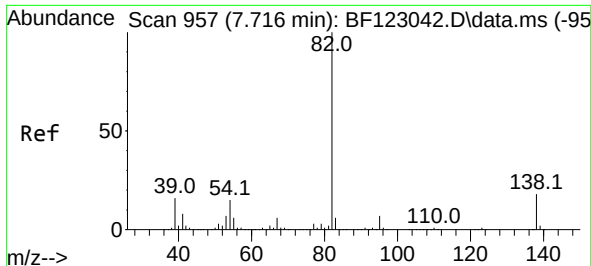
Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 77 Resp: 559560

Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.3	58.9
65	13.6	10.6	15.8

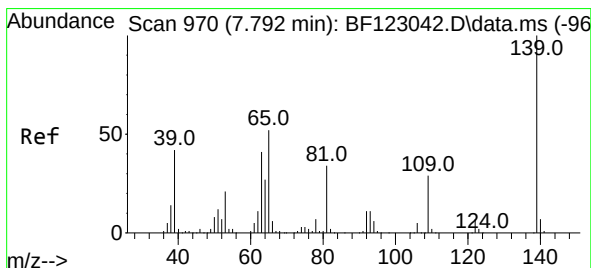
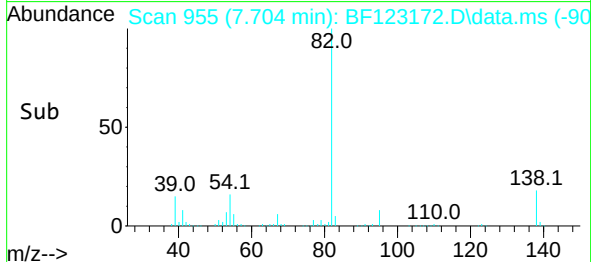
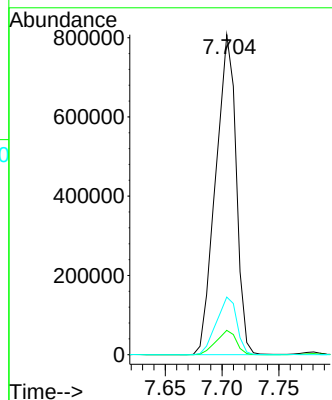
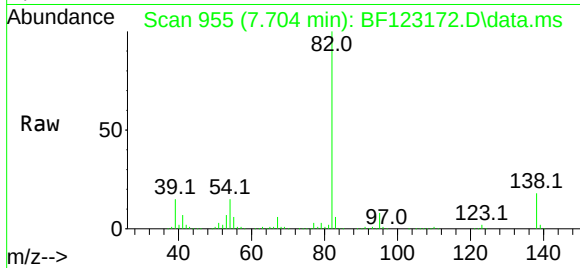




#25
Isophorone
Concen: 42.49 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

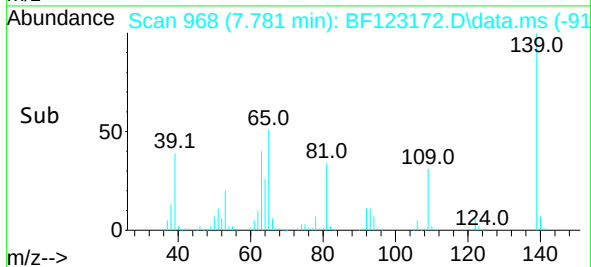
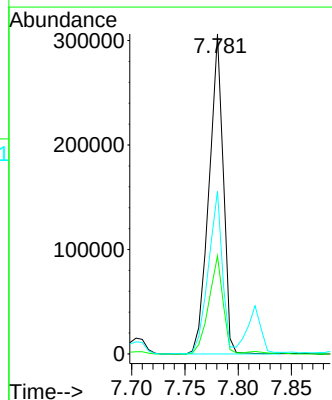
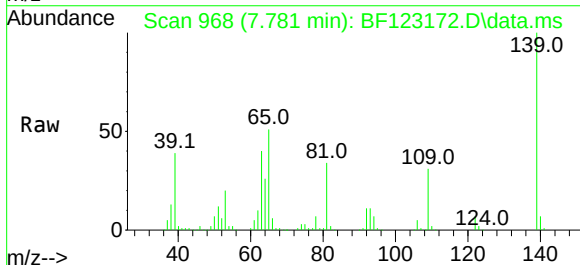
Instrument :
BNA_F
ClientSampleId :
PB134558BS

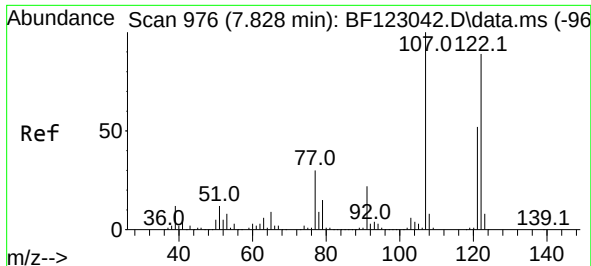
Tgt Ion: 82 Resp: 1014755
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 18.0 14.6 21.8



#26
2-Nitrophenol
Concen: 51.62 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:139 Resp: 286754
Ion Ratio Lower Upper
139 100
109 30.7 24.0 36.0
65 50.9 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.39 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

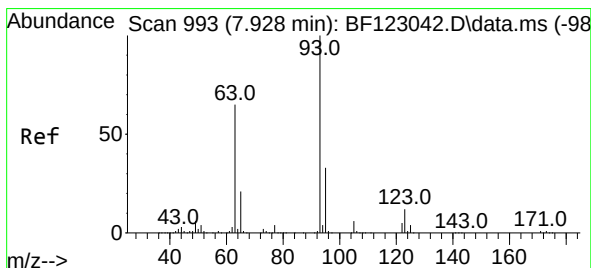
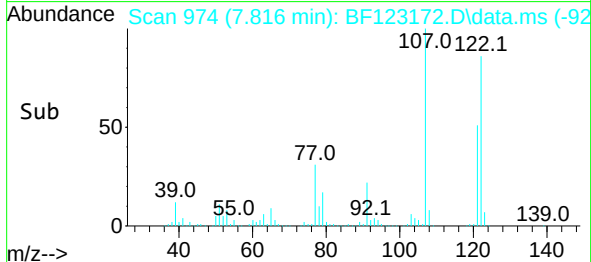
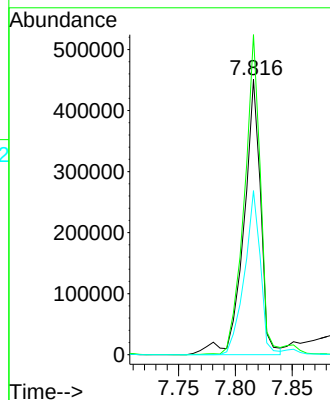
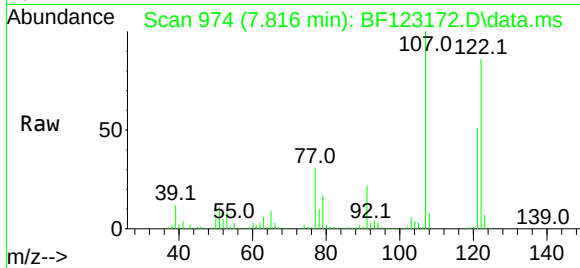
Tgt Ion:122 Resp: 465021

Ion Ratio Lower Upper

122 100

107 116.3 91.8 137.8

121 59.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.90 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

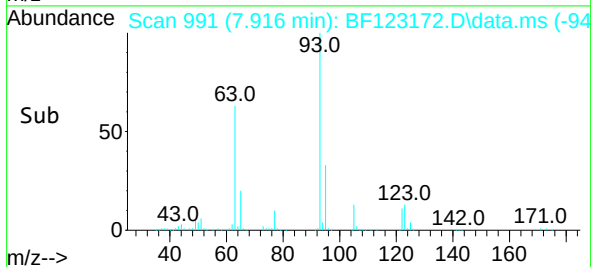
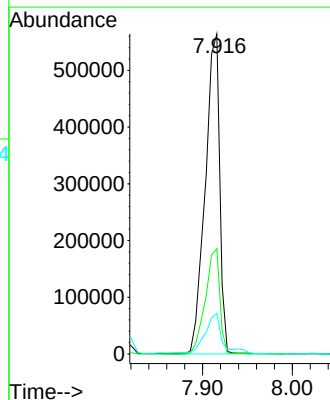
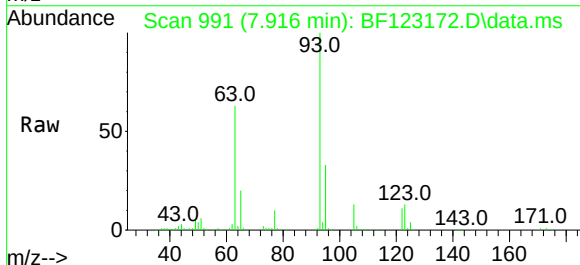
Tgt Ion: 93 Resp: 633858

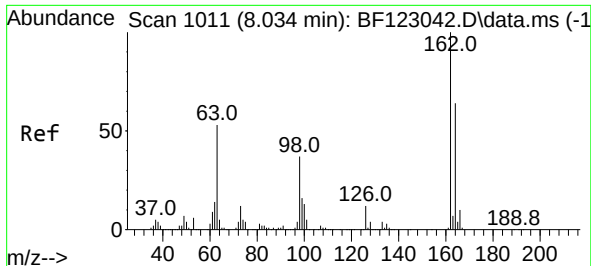
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 12.7 9.2 13.8

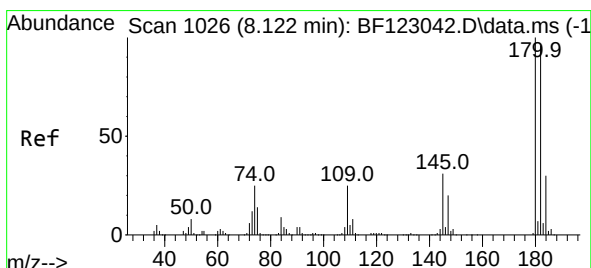
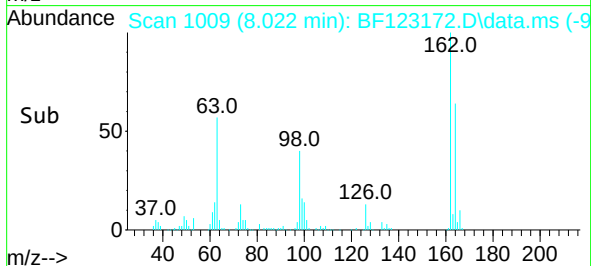
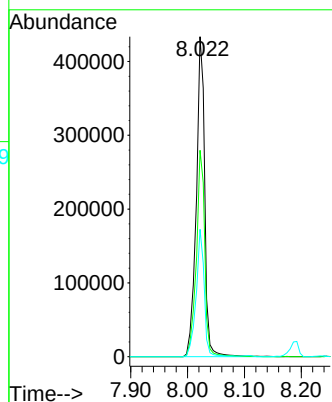
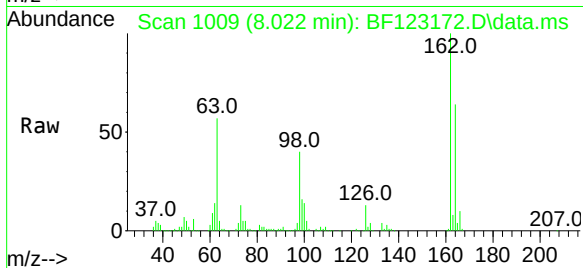




#29
2,4-Dichlorophenol
Concen: 43.09 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

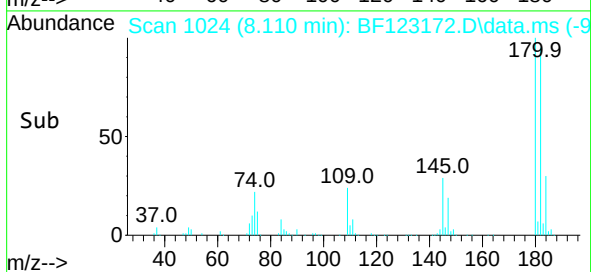
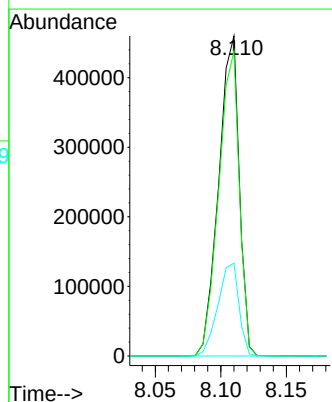
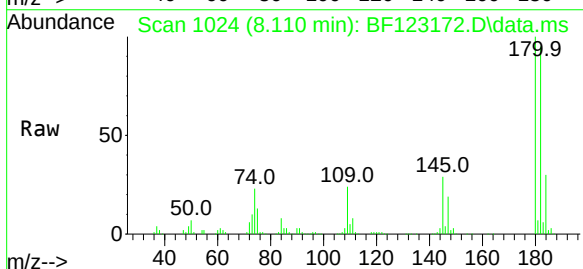
Instrument :
BNA_F
ClientSampleId :
PB134558BS

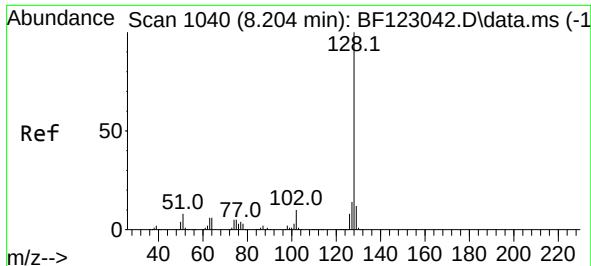
Tgt Ion:162 Resp: 451686
Ion Ratio Lower Upper
162 100
164 64.5 43.2 83.2
98 39.8 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 42.42 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:180 Resp: 500997
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 29.0 25.0 37.4

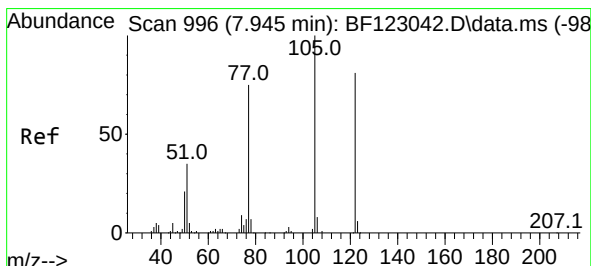
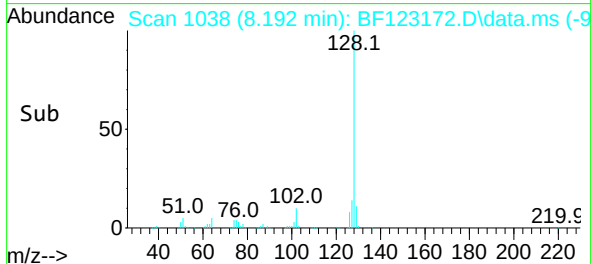
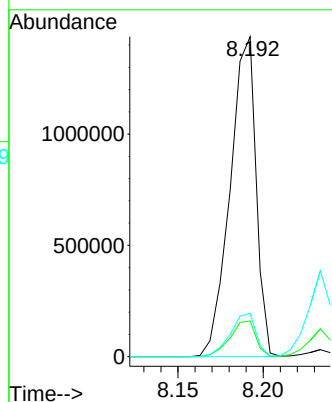
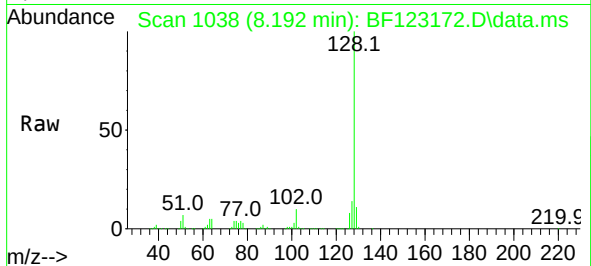




#31
Naphthalene
Concen: 42.35 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

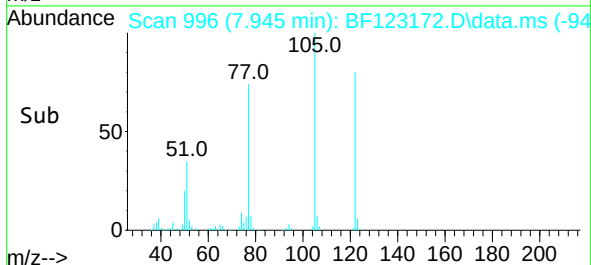
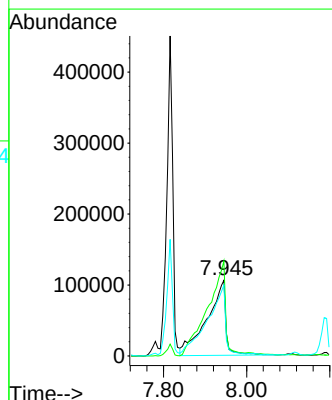
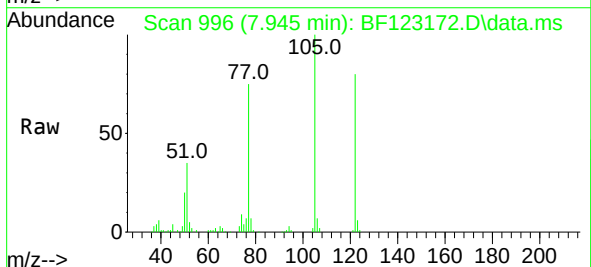
Instrument :
BNA_F
ClientSampleId :
PB134558BS

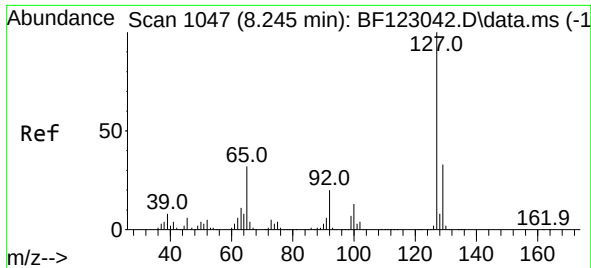
Tgt Ion:128 Resp: 1524404
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 42.31 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:122 Resp: 336420
Ion Ratio Lower Upper
122 100
105 125.5 104.8 144.8
77 93.9 71.0 111.0

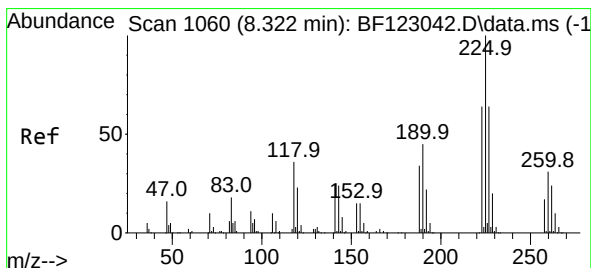
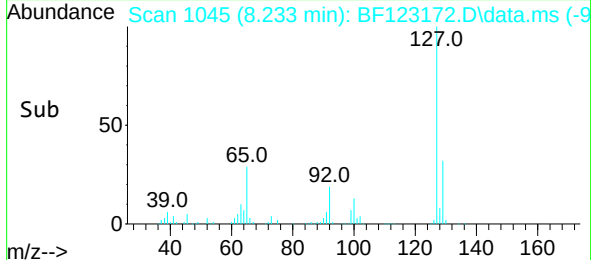
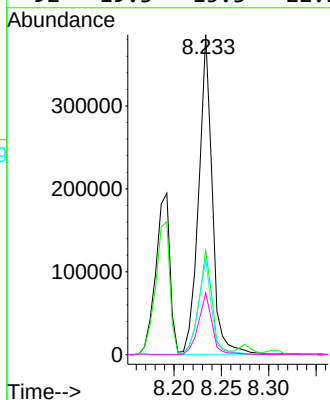
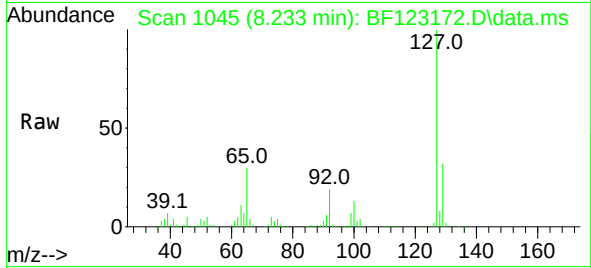




#33
4-Chloroaniline
Concen: 24.10 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

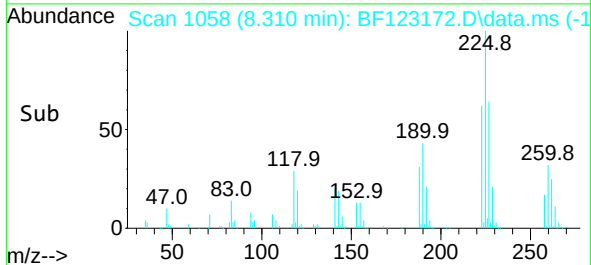
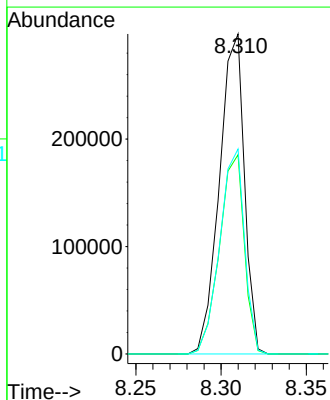
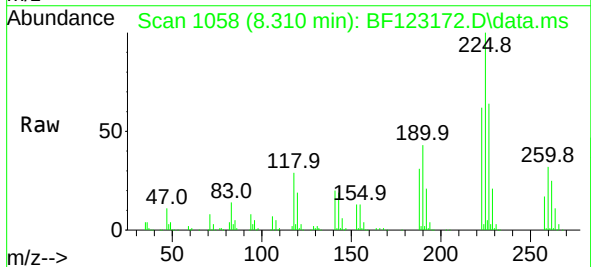
Instrument :
BNA_F
ClientSampleId :
PB134558BS

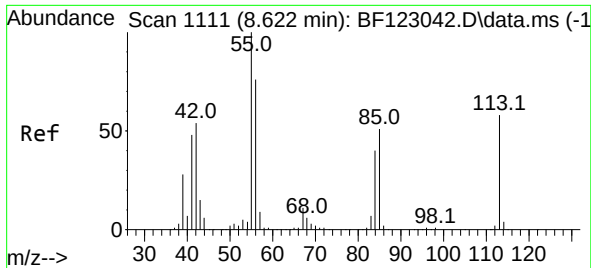
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	30.0	22.2	33.2
92	19.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.41 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	64.0	51.7	77.5

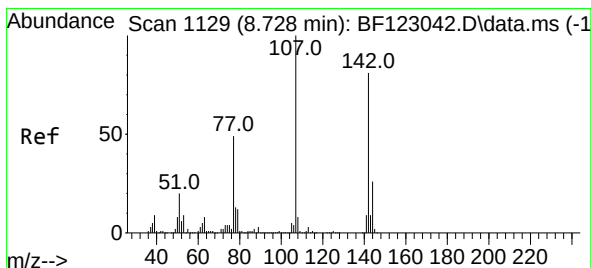
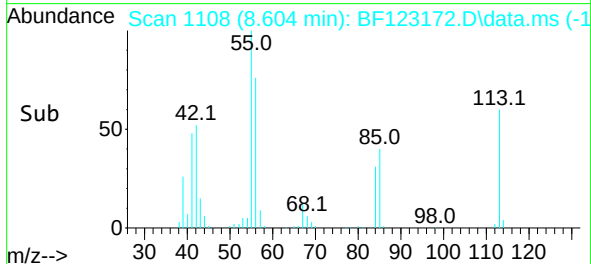
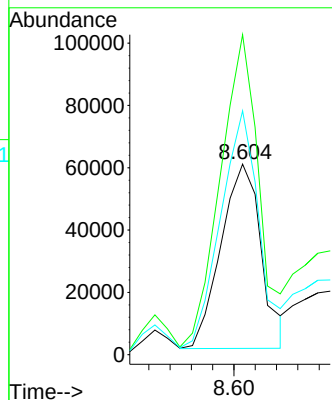
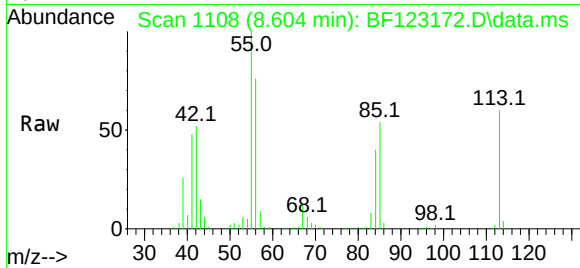




#35
Caprolactam
Concen: 21.99 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

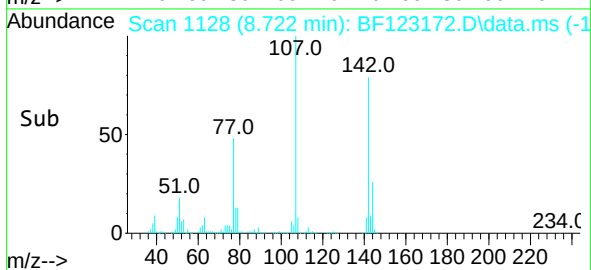
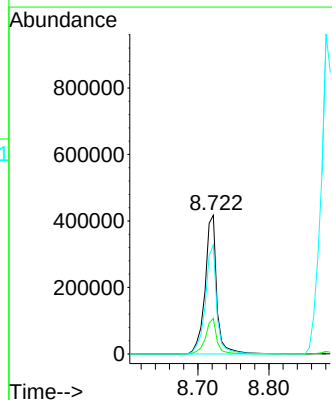
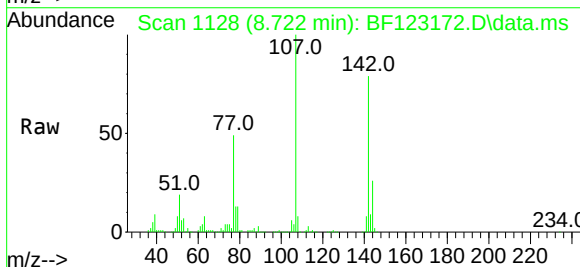
Instrument :
BNA_F
ClientSampleId :
PB134558BS

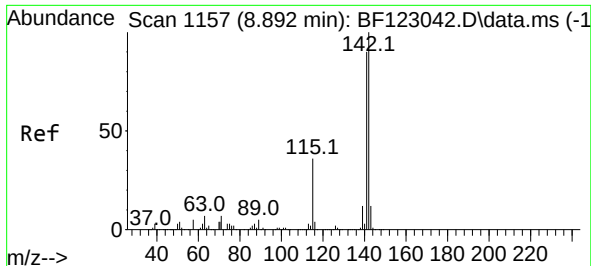
Tgt Ion:113 Resp: 77890
Ion Ratio Lower Upper
113 100
55 167.9 133.7 173.7
56 127.9 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 43.93 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:107 Resp: 478881
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 78.7 64.4 96.6

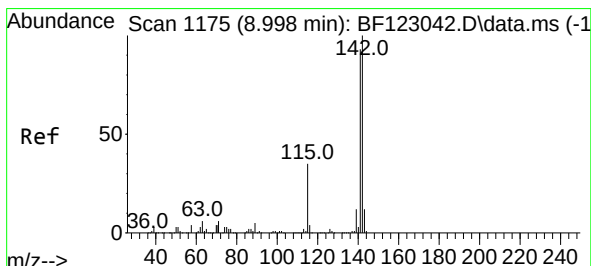
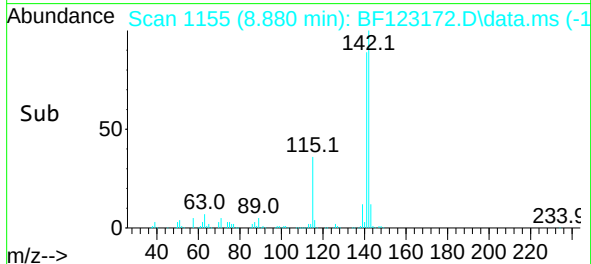
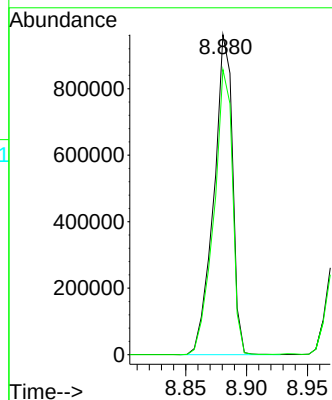
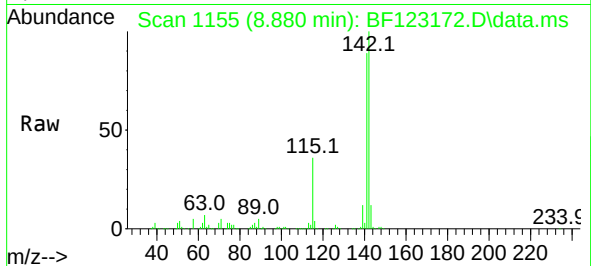




#37
2-Methylnaphthalene
Concen: 43.15 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

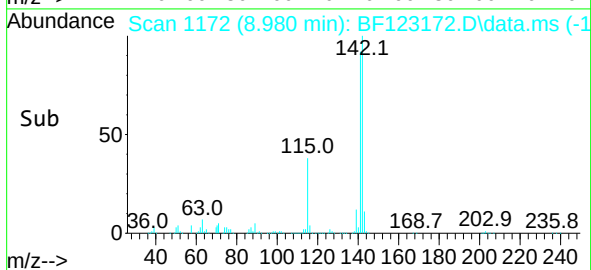
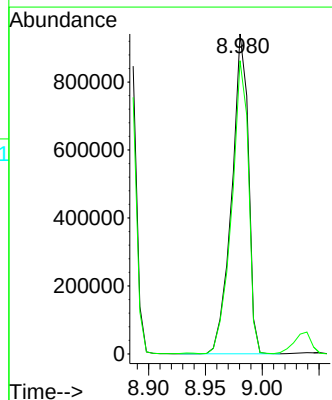
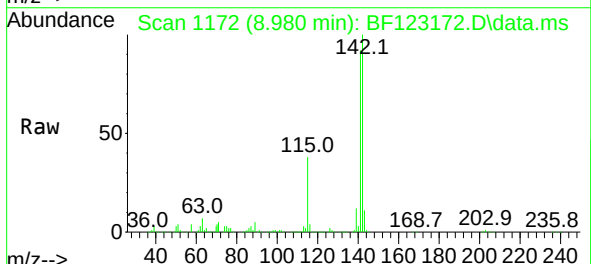
Instrument :
BNA_F
ClientSampleId :
PB134558BS

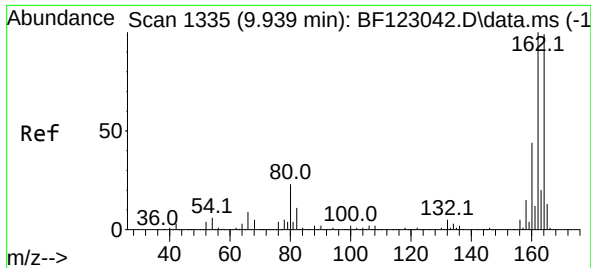
Tgt Ion:142 Resp: 1031232
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0



#38
1-Methylnaphthalene
Concen: 42.42 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:142 Resp: 959850
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7

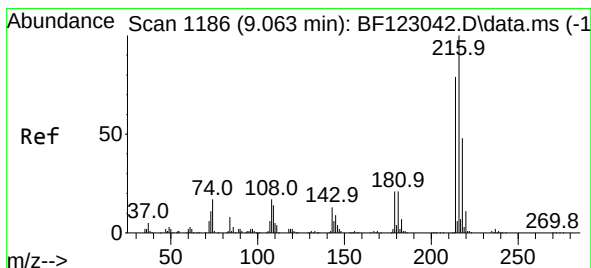
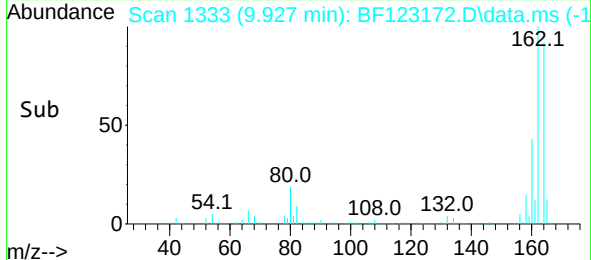
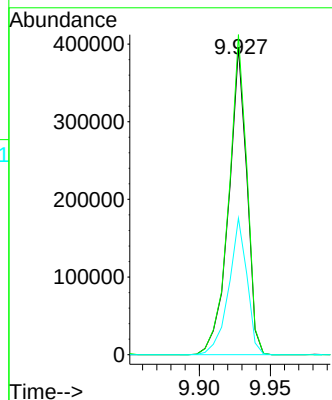
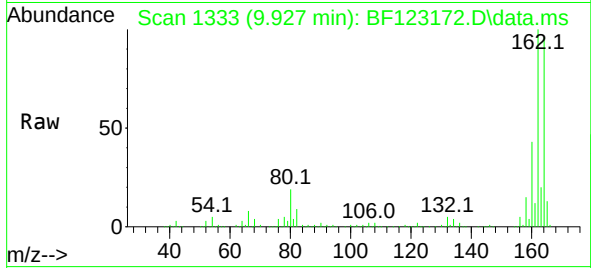




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

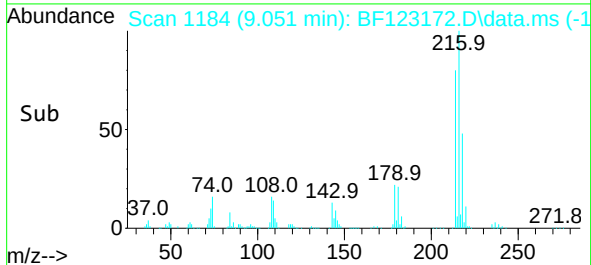
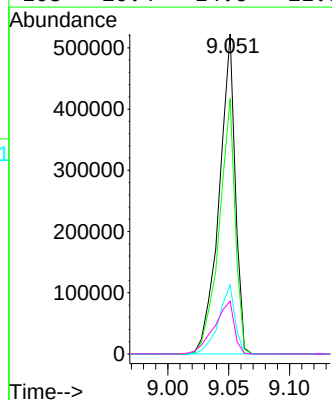
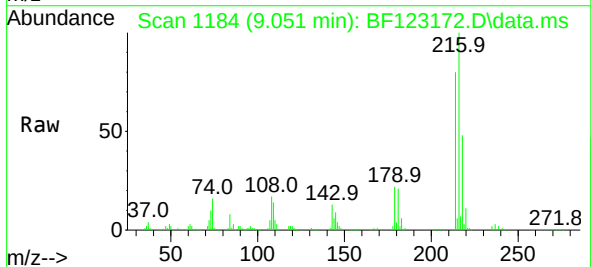
Instrument :
BNA_F
ClientSampleId :
PB134558BS

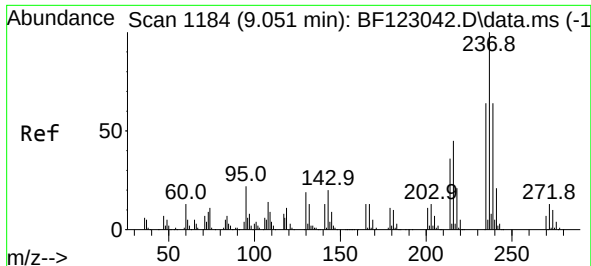
Tgt Ion:164 Resp: 352720
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 44.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.98 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:216 Resp: 482544
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 21.6 17.1 25.7
108 20.4 14.6 21.8

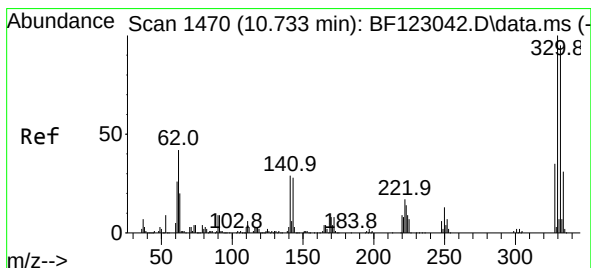
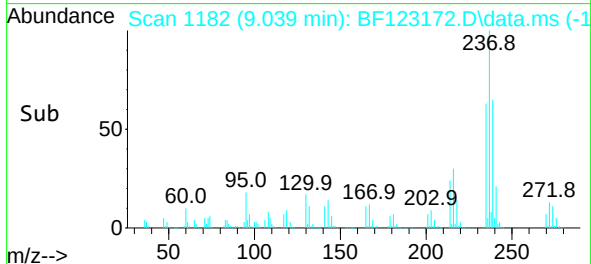
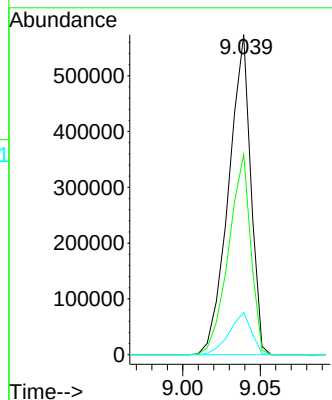
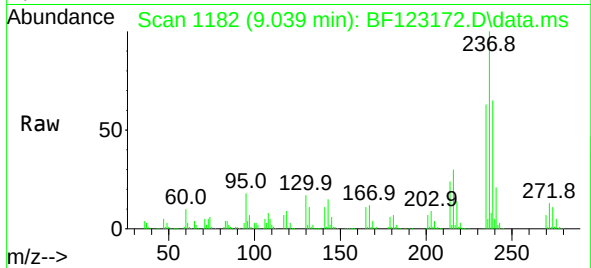




#41
Hexachlorocyclopentadiene
Concen: 109.21 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

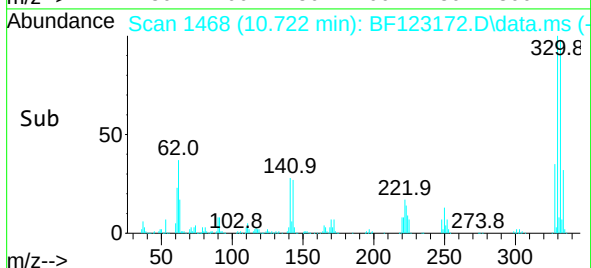
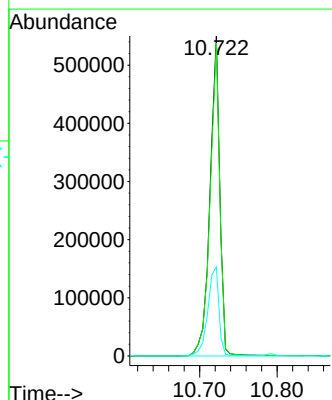
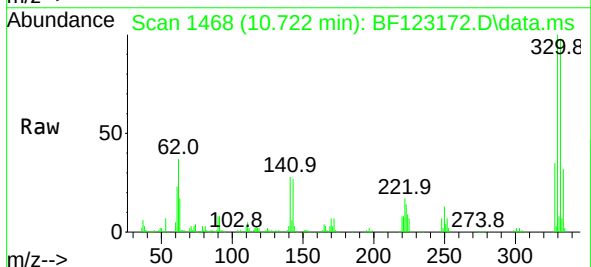
Instrument :
BNA_F
ClientSampleId :
PB134558BS

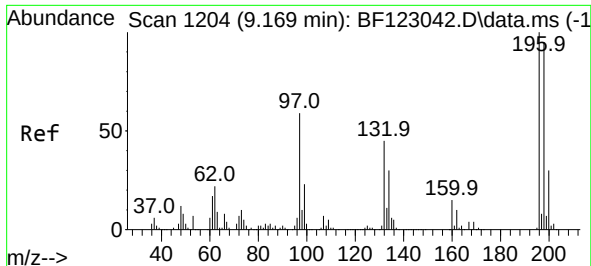
Tgt Ion:237 Resp: 568837
Ion Ratio Lower Upper
237 100
235 62.7 40.9 80.9
272 13.3 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 126.83 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

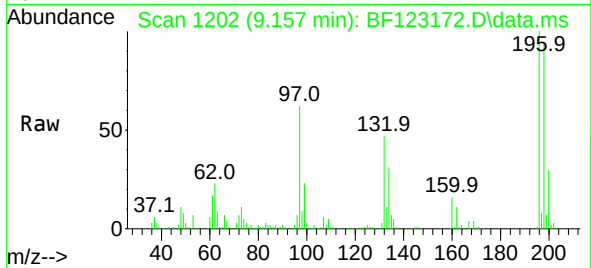
Tgt Ion:330 Resp: 485617
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 31.5 23.8 35.8



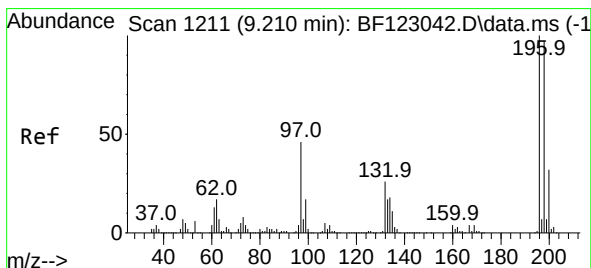
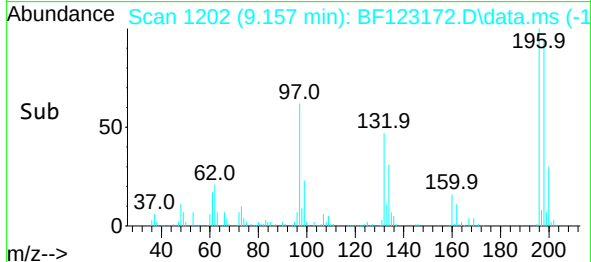
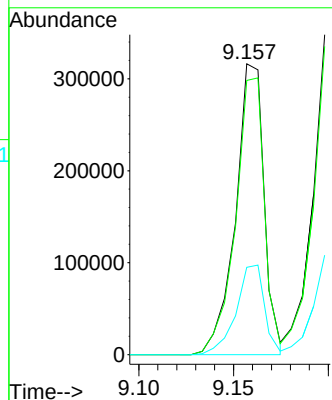


#43
2,4,6-Trichlorophenol
Concen: 44.08 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

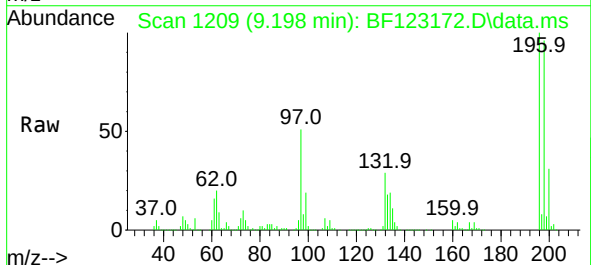
Instrument :
BNA_F
ClientSampleId :
PB134558BS



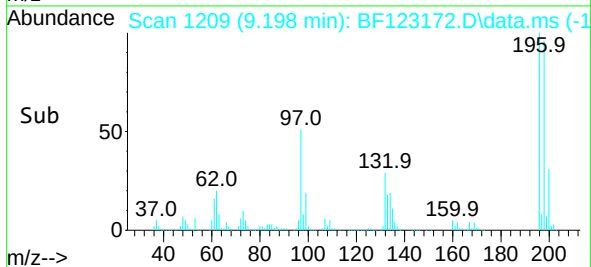
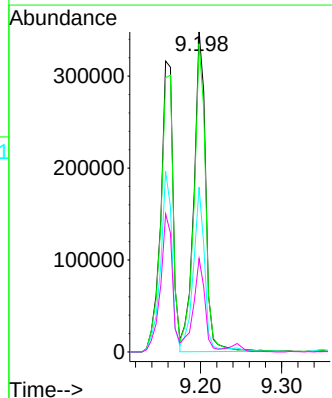
Tgt Ion:196 Resp: 331608
Ion Ratio Lower Upper
196 100
198 94.3 75.1 112.7
200 30.0 23.7 35.5

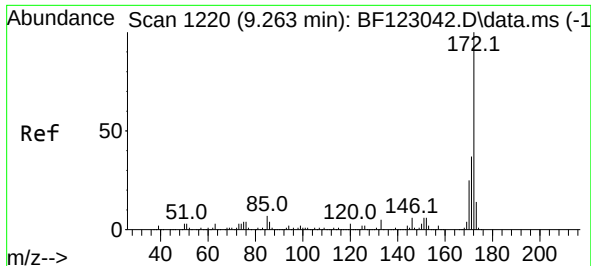


#44
2,4,5-Trichlorophenol
Concen: 44.85 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06



Tgt Ion:196 Resp: 352770
Ion Ratio Lower Upper
196 100
198 96.3 76.5 114.7
97 51.5 40.1 60.1
132 29.2 23.3 34.9

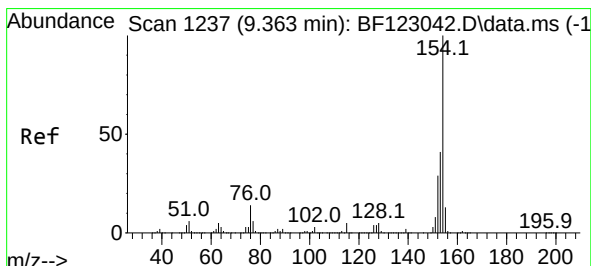
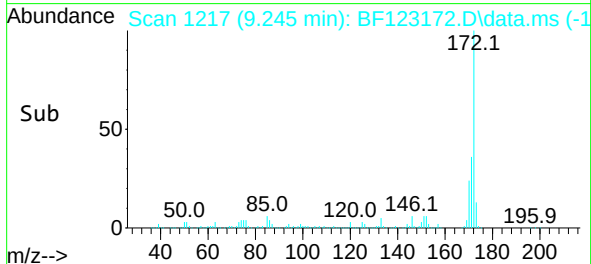
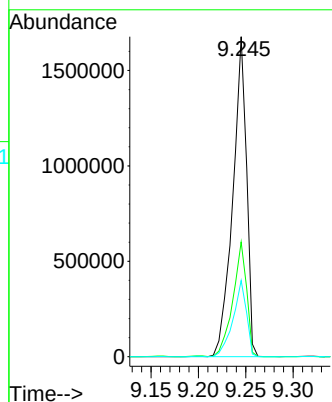
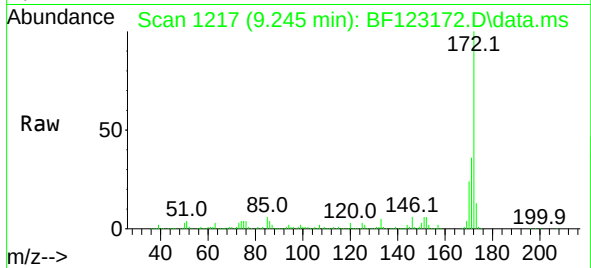




#45
2-Fluorobiphenyl
Concen: 71.39 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

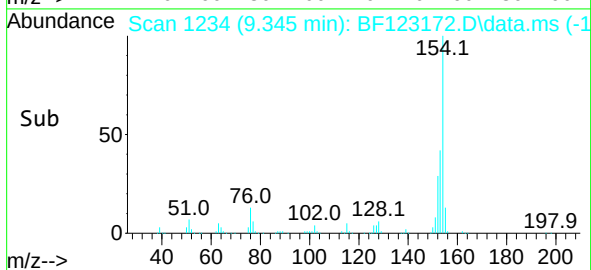
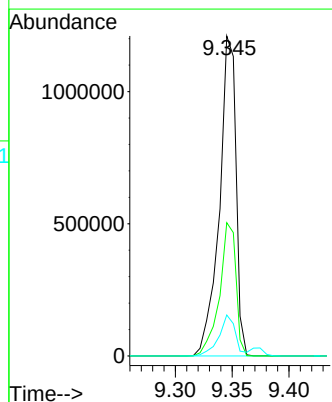
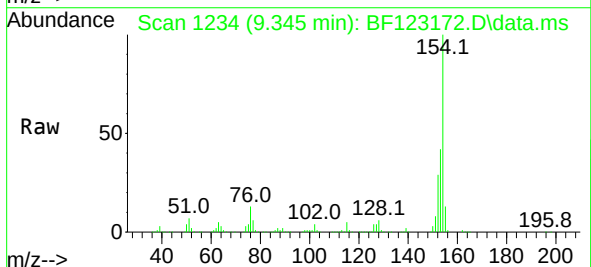
Instrument :
BNA_F
ClientSampleId :
PB134558BS

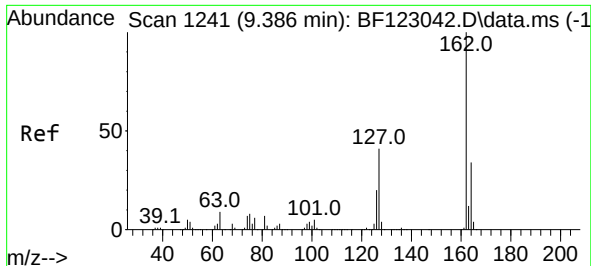
Tgt Ion:172 Resp: 1693961
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.68 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:154 Resp: 1234667
Ion Ratio Lower Upper
154 100
153 41.6 21.8 61.8
76 12.8 0.0 33.4

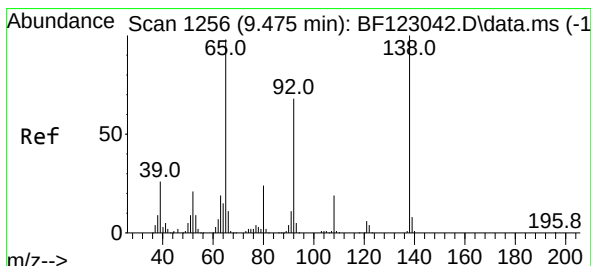
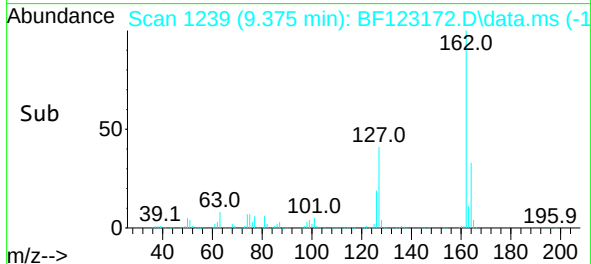
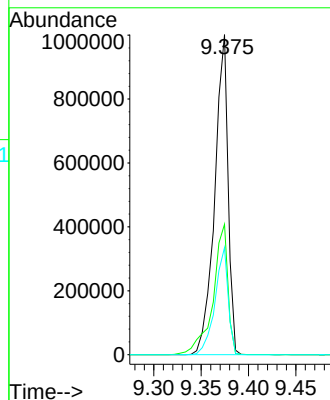
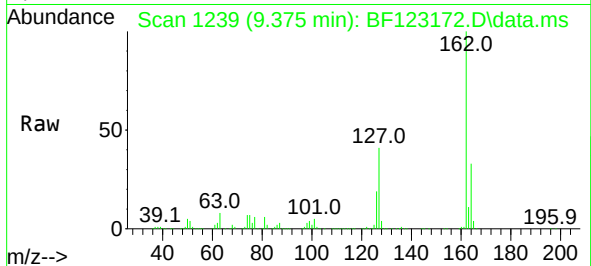




#47
2-Chloronaphthalene
Concen: 40.53 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

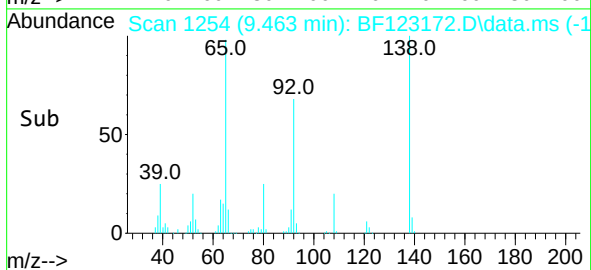
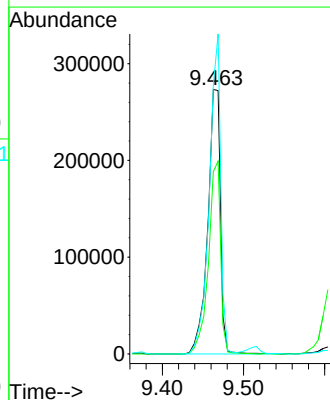
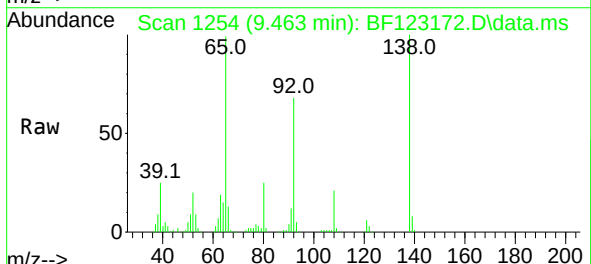
Instrument :
BNA_F
ClientSampleId :
PB134558BS

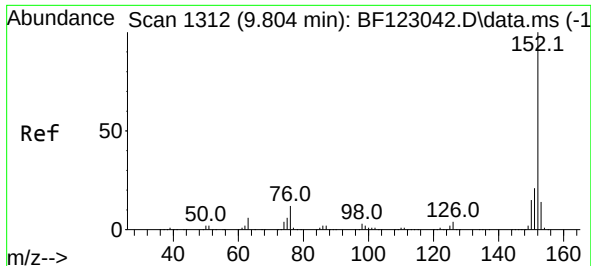
Tgt Ion:162 Resp: 981687
Ion Ratio Lower Upper
162 100
127 40.7 33.8 50.8
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 40.45 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion: 65 Resp: 296909
Ion Ratio Lower Upper
65 100
92 69.0 60.0 90.0
138 101.5 100.6 151.0





#49

Acenaphthylene

Concen: 42.23 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

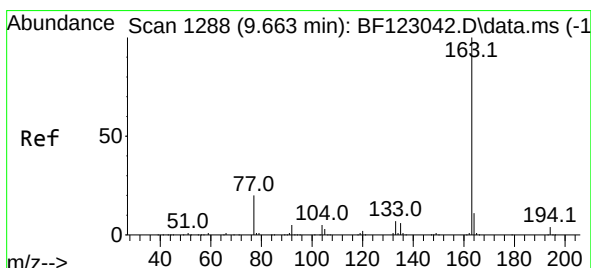
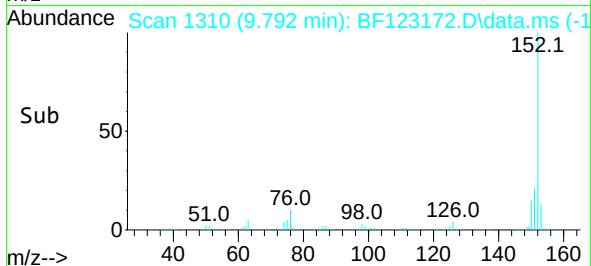
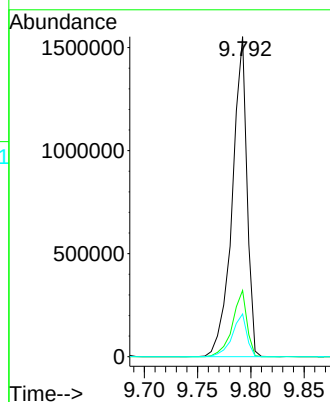
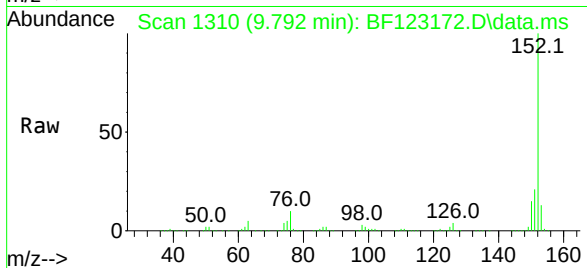
Tgt Ion:152 Resp: 1496766

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

153 13.4 10.9 16.3



#50

Dimethylphthalate

Concen: 41.66 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

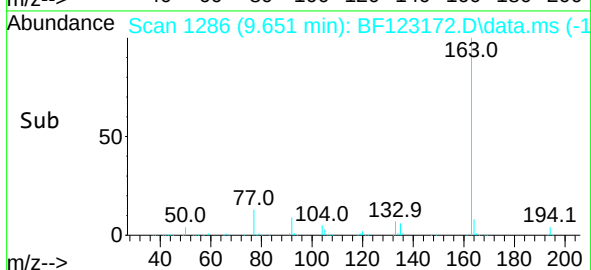
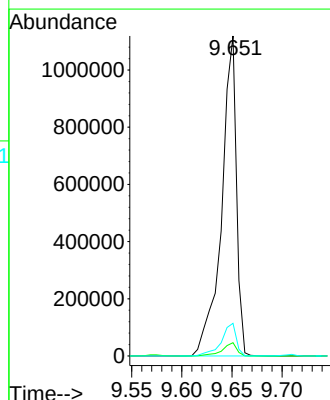
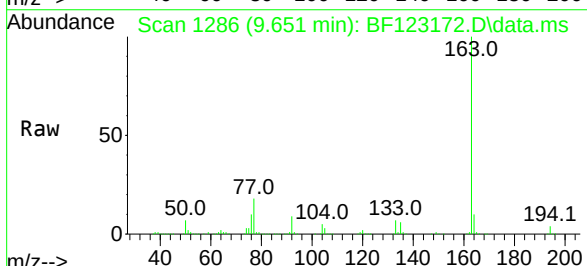
Tgt Ion:163 Resp: 1152721

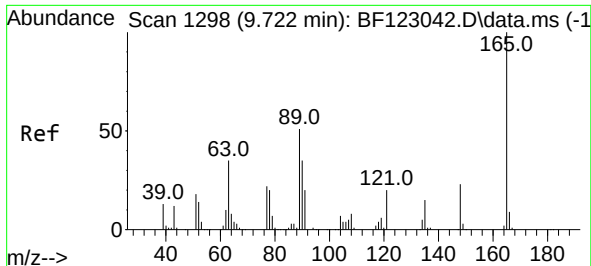
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1

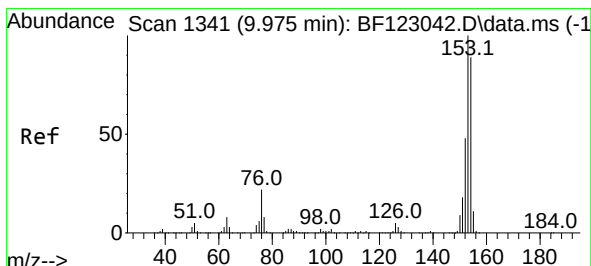
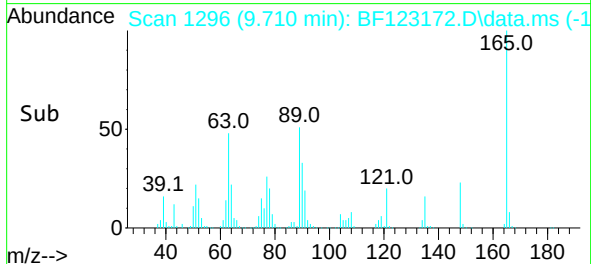
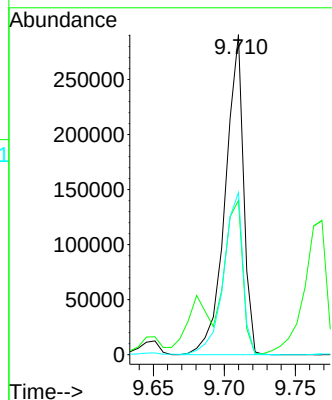
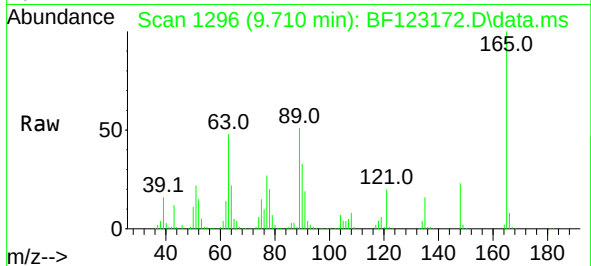




#51
2,6-Dinitrotoluene
Concen: 44.20 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

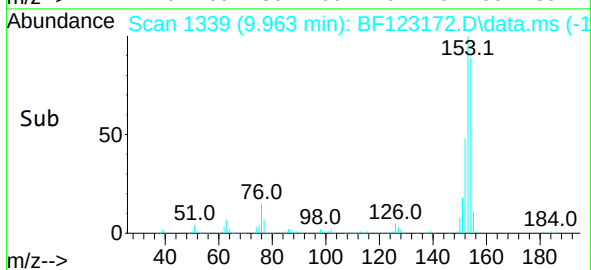
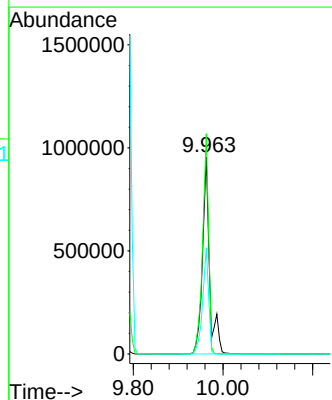
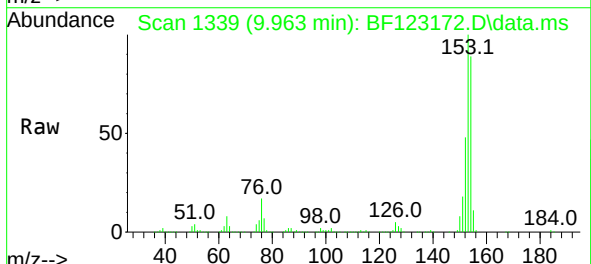
Instrument :
BNA_F
ClientSampleId :
PB134558BS

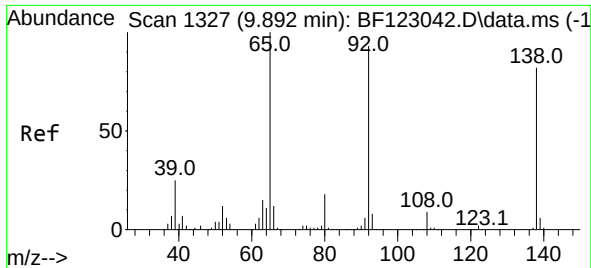
Tgt Ion:165 Resp: 260581
Ion Ratio Lower Upper
165 100
63 48.2 36.6 55.0
89 50.6 39.4 59.0



#52
Acenaphthene
Concen: 46.92 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:154 Resp: 1068282
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.6
152 54.0 42.7 64.1

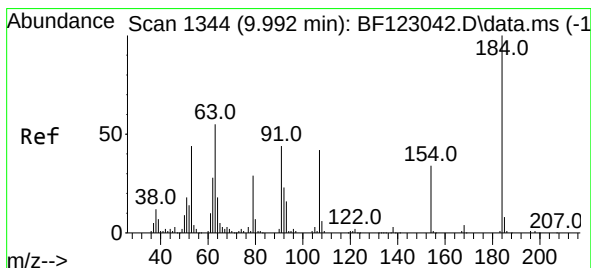
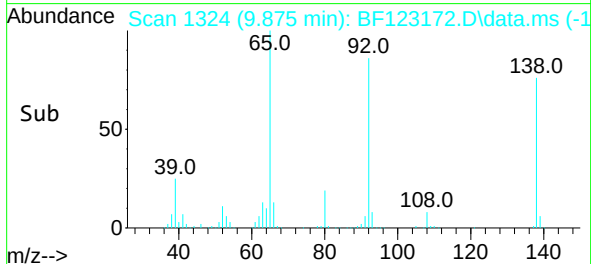
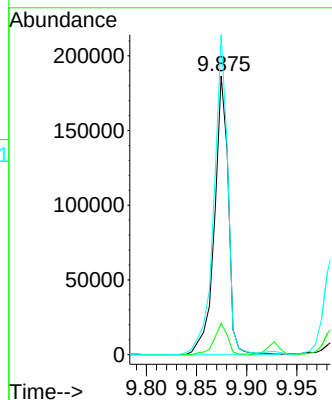
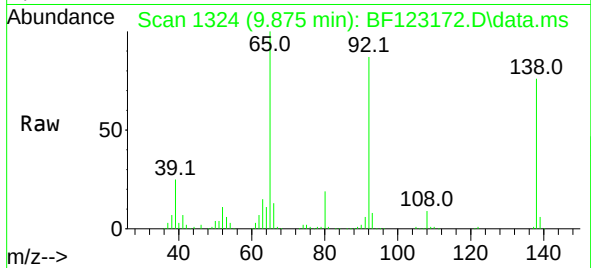




#53
3-Nitroaniline
Concen: 25.65 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

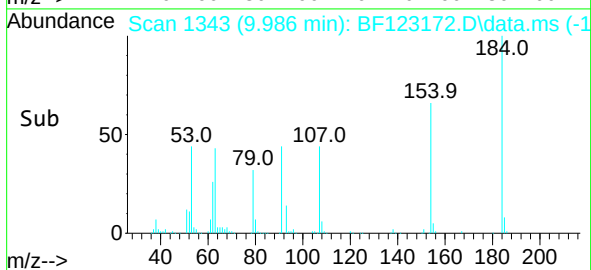
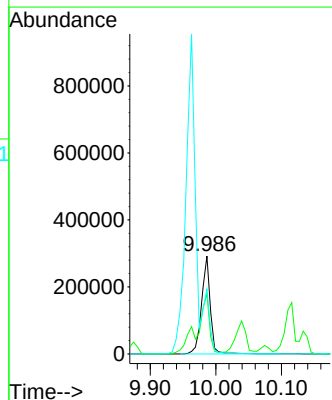
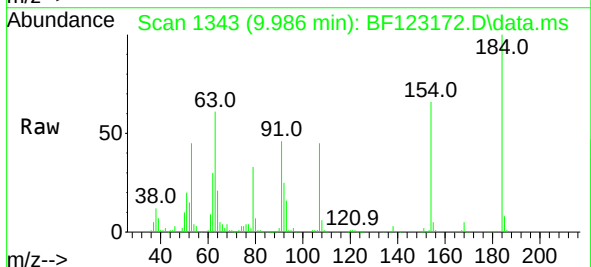
Instrument :
BNA_F
ClientSampleId :
PB134558BS

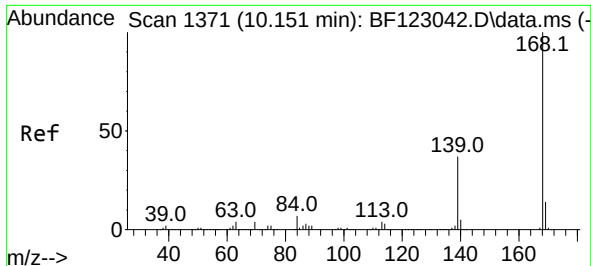
Tgt Ion:138 Resp: 178762
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.2
92 114.8 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 98.61 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:184 Resp: 270515
Ion Ratio Lower Upper
184 100
63 61.1 51.4 77.2
154 66.1 49.7 74.5

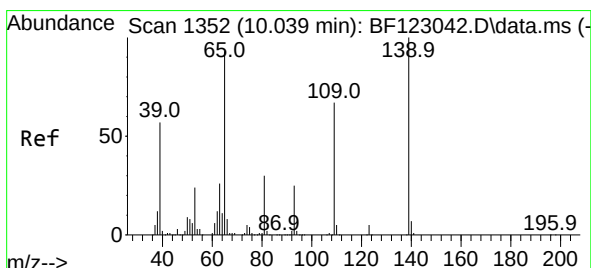
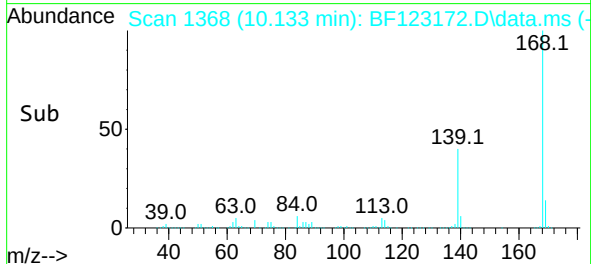
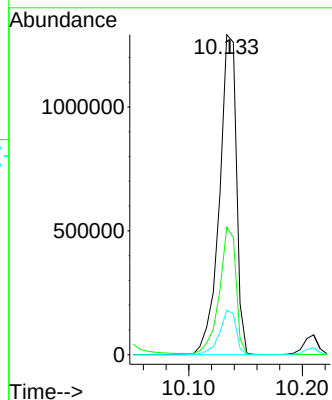
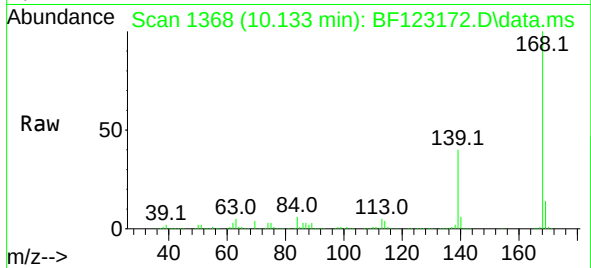




#55
Dibenzofuran
Concen: 40.73 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

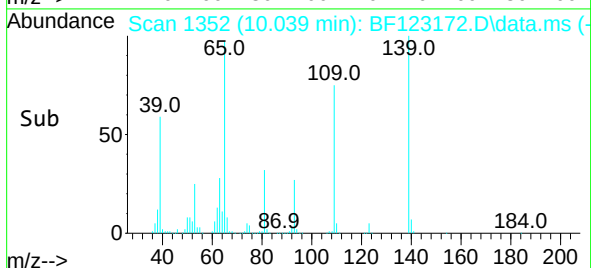
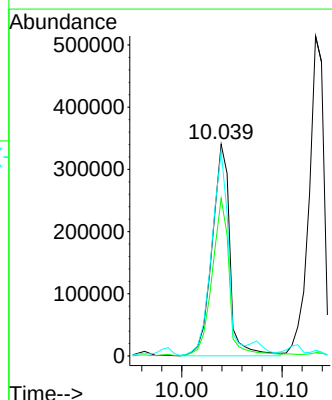
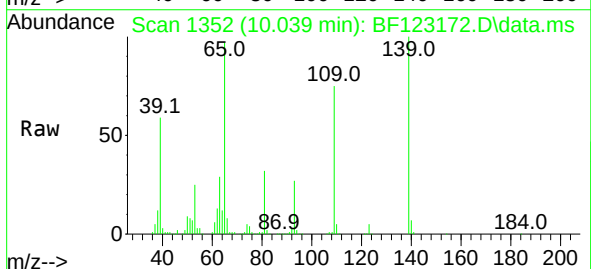
Instrument :
BNA_F
ClientSampleId :
PB134558BS

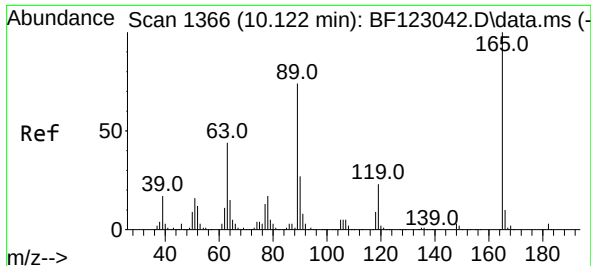
Tgt Ion:168 Resp: 1349493
Ion Ratio Lower Upper
168 100
139 39.8 31.3 46.9
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 83.03 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:139 Resp: 418383
Ion Ratio Lower Upper
139 100
109 74.5 45.1 85.1
65 96.9 59.2 99.2

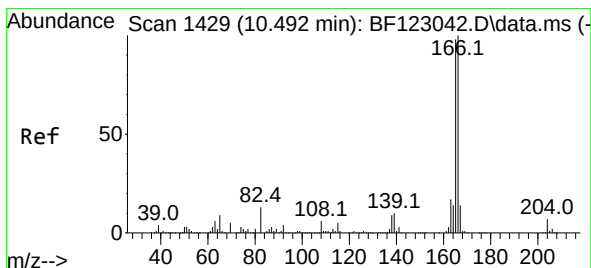
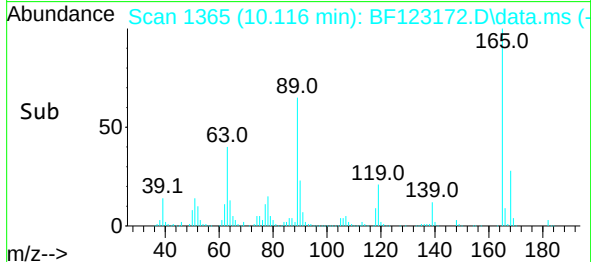
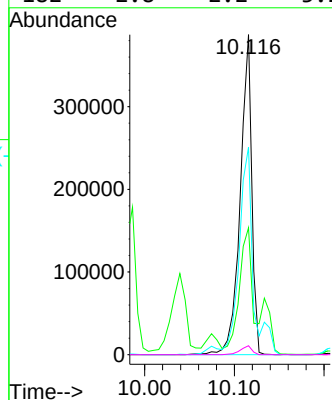
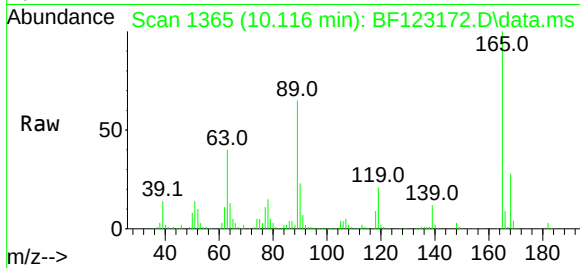




#57
2,4-Dinitrotoluene
Concen: 45.24 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

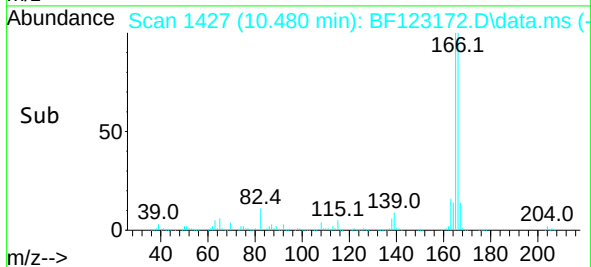
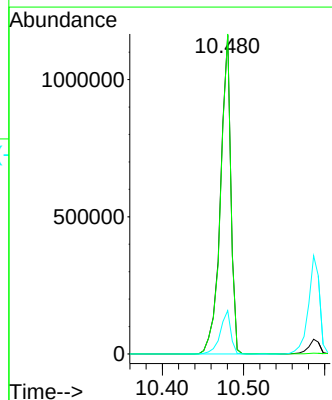
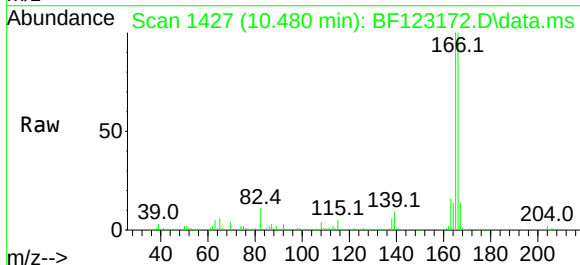
Instrument :
BNA_F
ClientSampleId :
PB134558BS

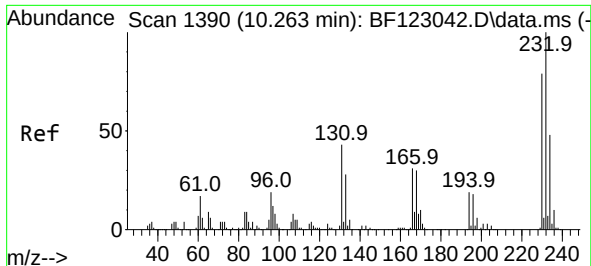
Tgt Ion:165 Resp: 346798
Ion Ratio Lower Upper
165 100
63 39.6 34.3 51.5
89 64.9 55.2 82.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 39.12 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:166 Resp: 1035438
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.0
167 13.6 10.9 16.3

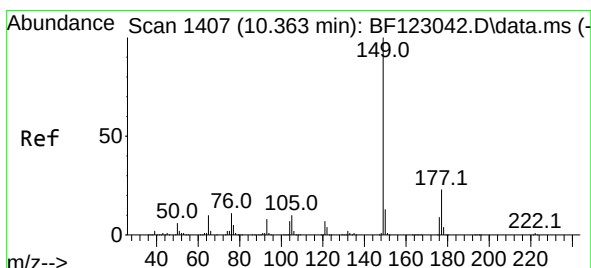
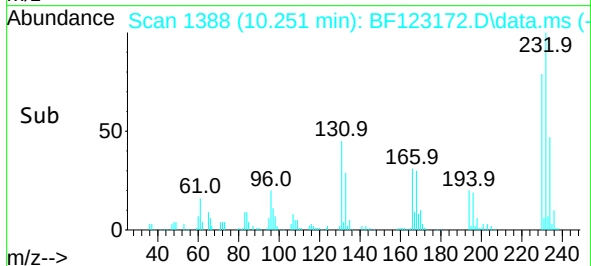
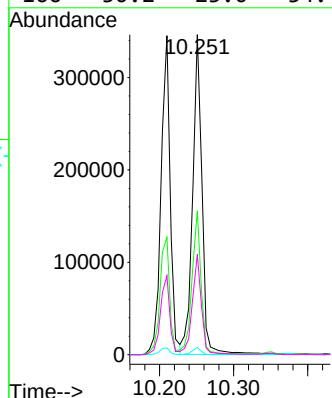
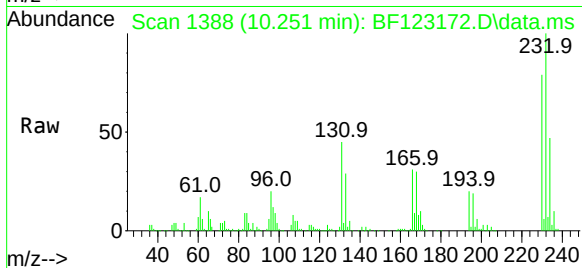




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.46 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

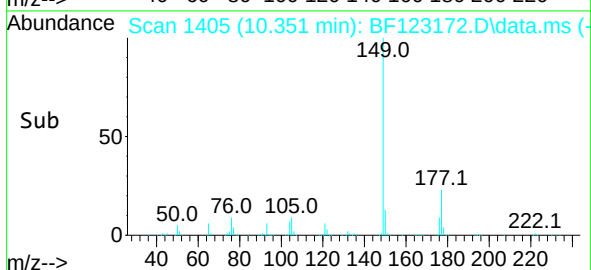
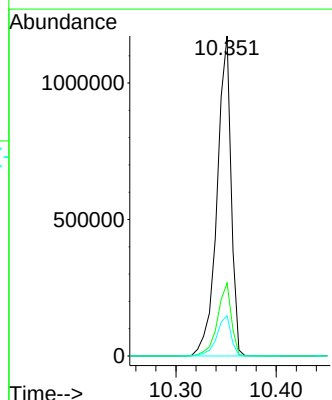
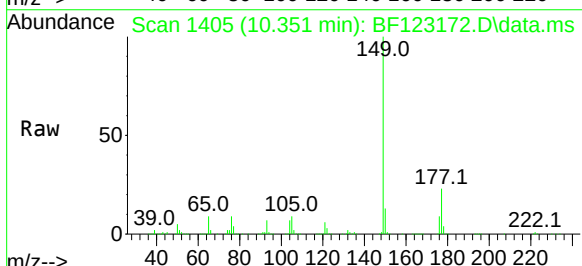
Instrument :
BNA_F
ClientSampleId :
PB134558BS

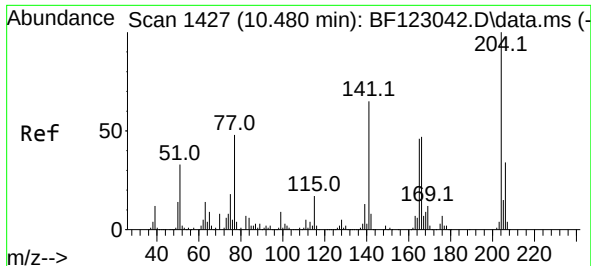
Tgt Ion:232 Resp: 303252
Ion Ratio Lower Upper
232 100
131 43.4 33.0 49.4
130 2.1 1.7 2.5
166 30.2 23.0 34.4



#60
Diethylphthalate
Concen: 41.74 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:149 Resp: 1135858
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.6 10.1 15.1

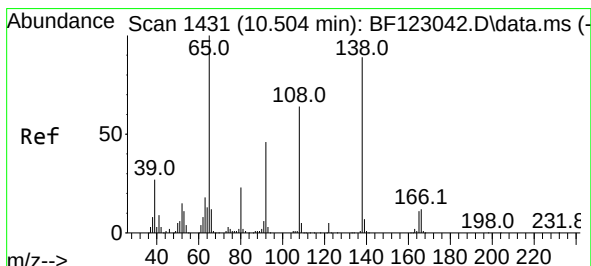
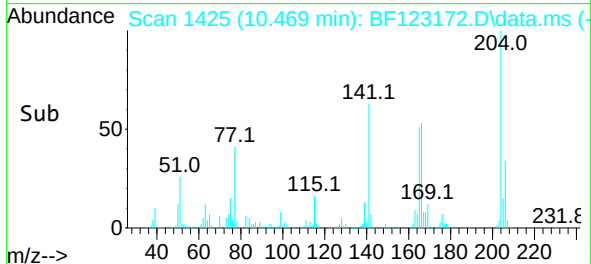
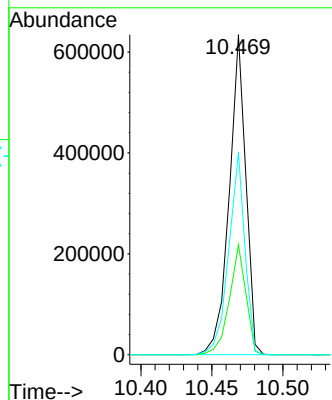
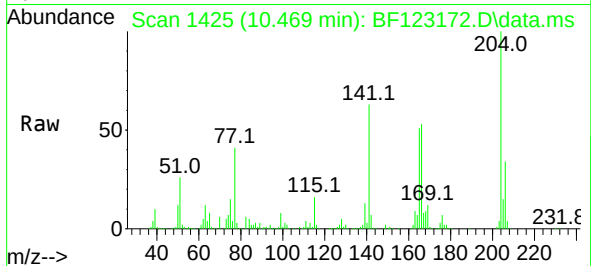




#61
4-Chlorophenyl-phenylether
Concen: 41.41 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

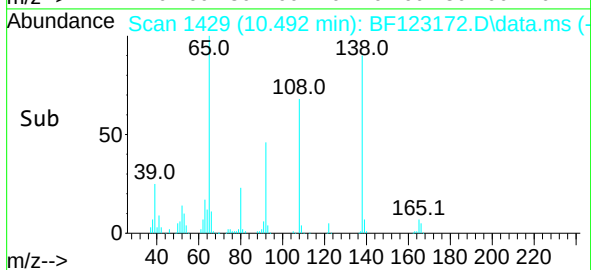
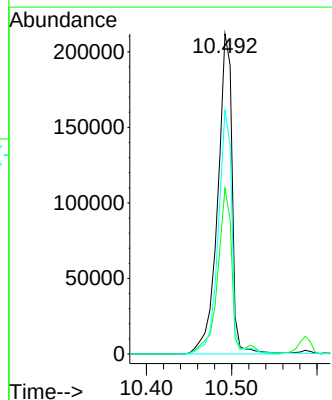
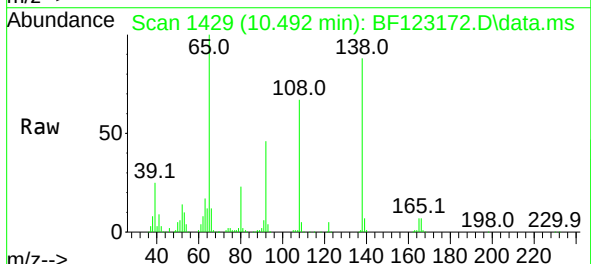
Instrument :
BNA_F
ClientSampleId :
PB134558BS

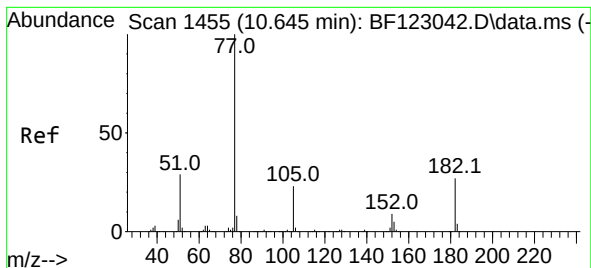
Tgt Ion:204 Resp: 515029
Ion Ratio Lower Upper
204 100
206 34.4 27.0 40.4
141 63.3 50.4 75.6



#62
4-Nitroaniline
Concen: 35.50 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:138 Resp: 248660
Ion Ratio Lower Upper
138 100
92 51.7 31.0 71.0
108 76.1 54.8 94.8





#63

Azobenzene

Concen: 39.65 ng

RT: 10.627 min Scan# 1452

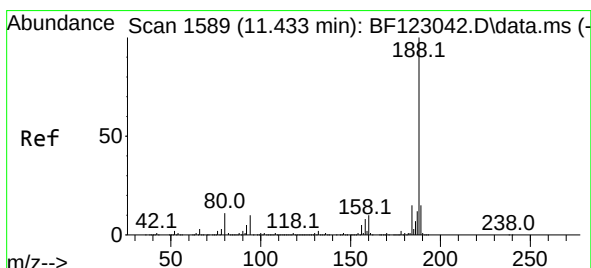
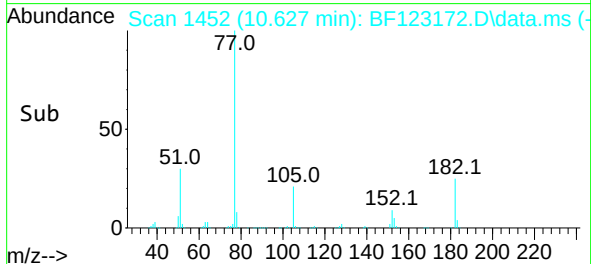
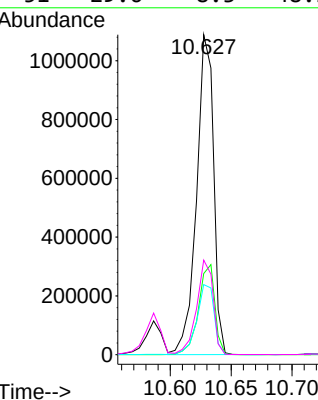
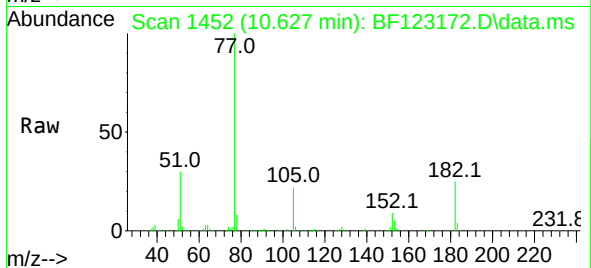
Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 77 Resp: 1055710

Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.6	45.6
105	21.9	1.8	41.8
51	29.6	8.3	48.3



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1586

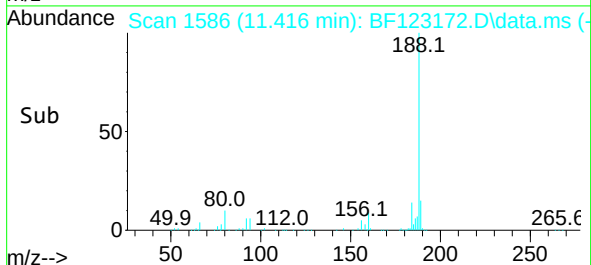
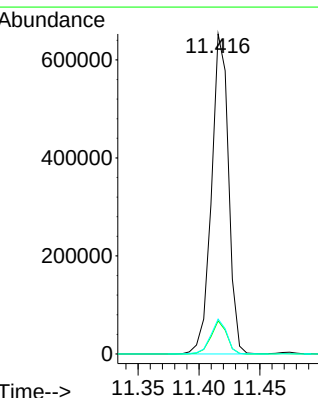
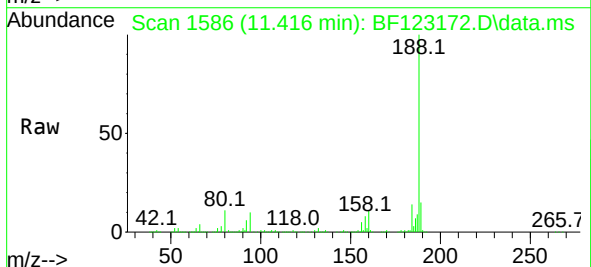
Delta R.T. 0.000 min

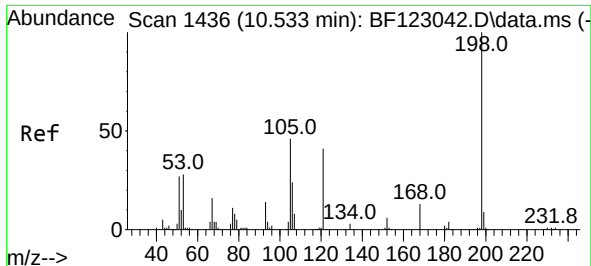
Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion: 188 Resp: 636115

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.4	11.2
80	10.9	8.2	12.4

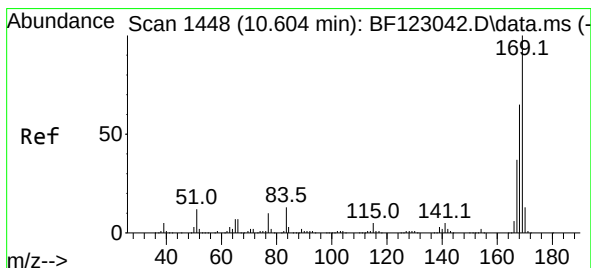
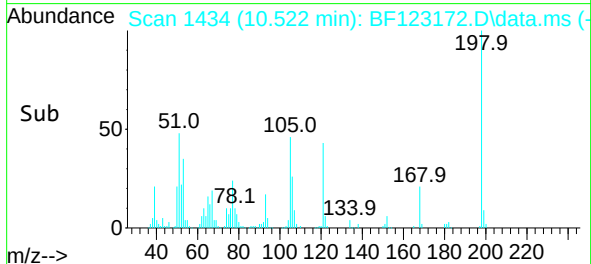
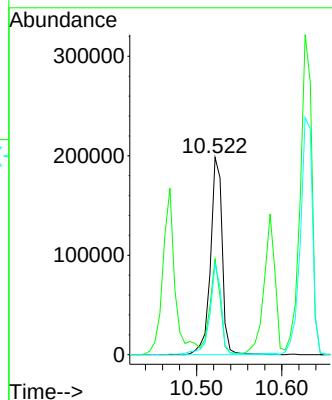
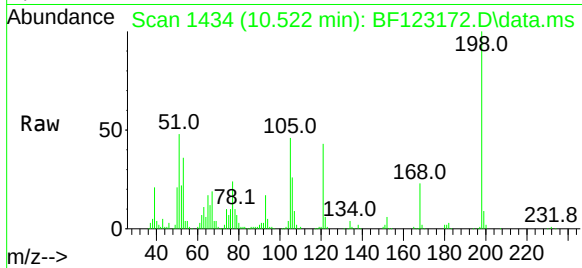




#65
4,6-Dinitro-2-methylphenol
Concen: 53.41 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

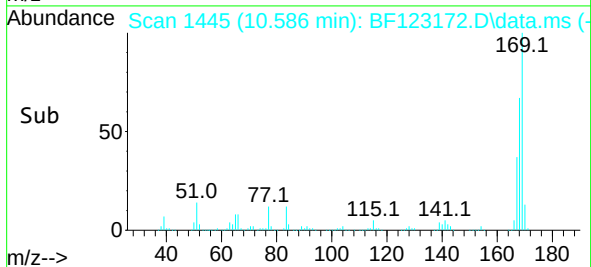
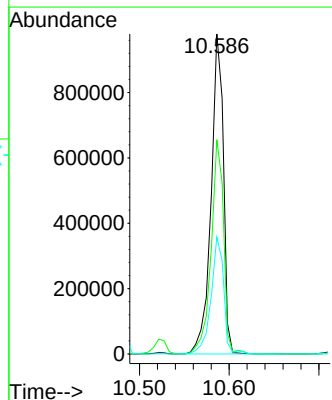
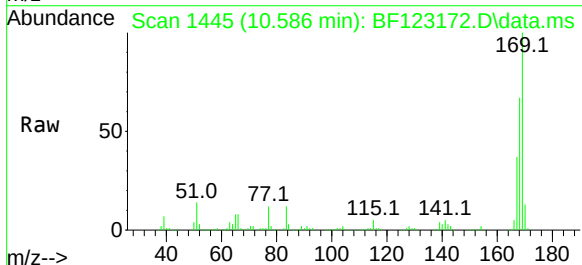
Instrument :
BNA_F
ClientSampleId :
PB134558BS

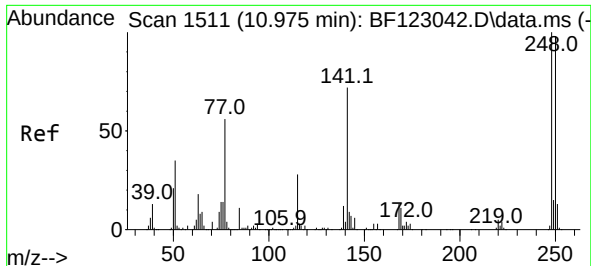
Tgt Ion:198 Resp: 189729
Ion Ratio Lower Upper
198 100
51 48.4 20.3 60.3
105 45.9 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.76 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:169 Resp: 934659
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.5 29.2 43.8

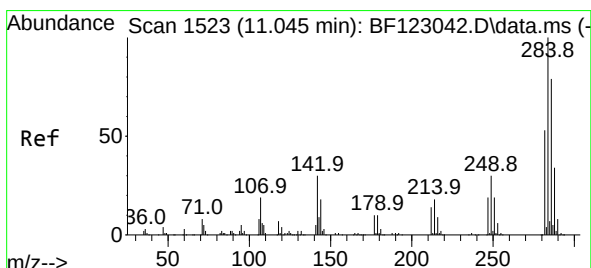
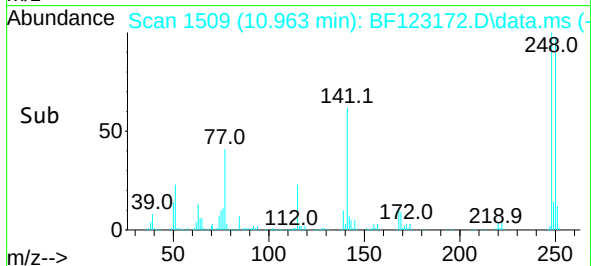
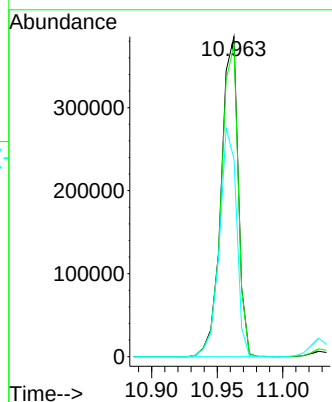
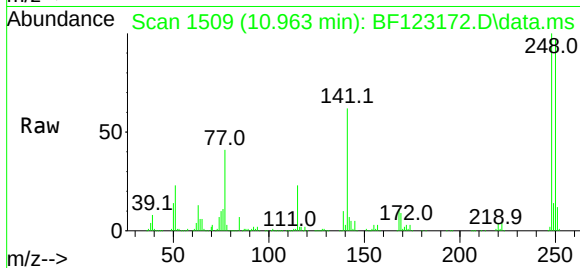




#67
4-Bromophenyl-phenylether
Concen: 42.90 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

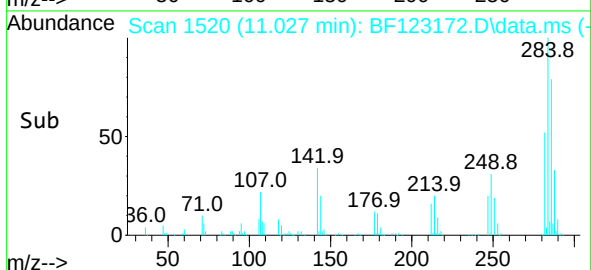
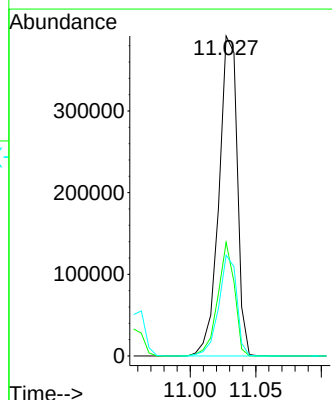
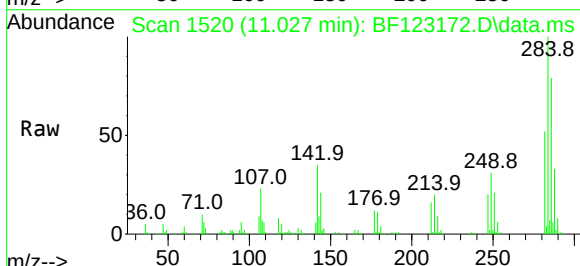
Instrument :
BNA_F
ClientSampleId :
PB134558BS

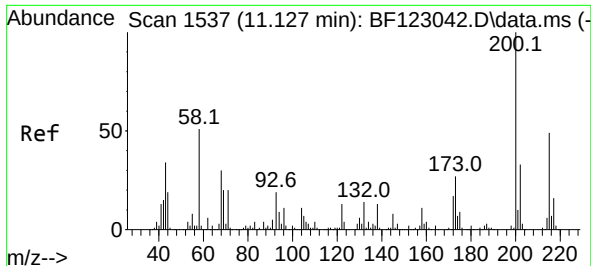
Tgt Ion:248 Resp: 347570
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 61.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 43.72 ng
RT: 11.027 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:284 Resp: 379868
Ion Ratio Lower Upper
284 100
142 35.5 25.6 38.4
249 31.5 25.1 37.7

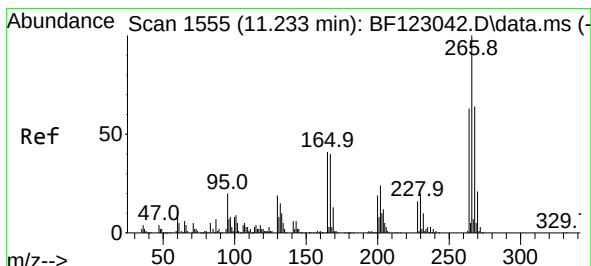
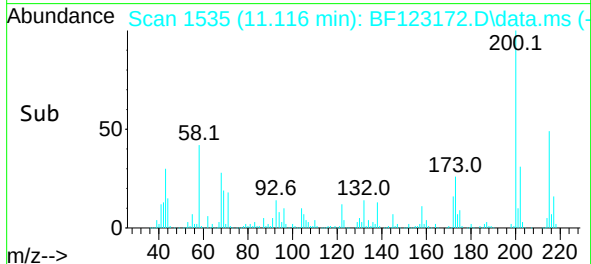
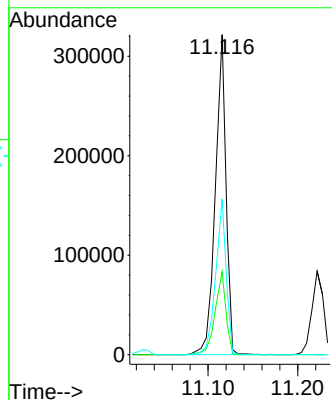
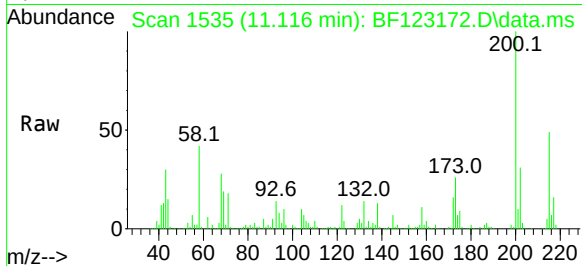




#69
Atrazine
Concen: 42.11 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

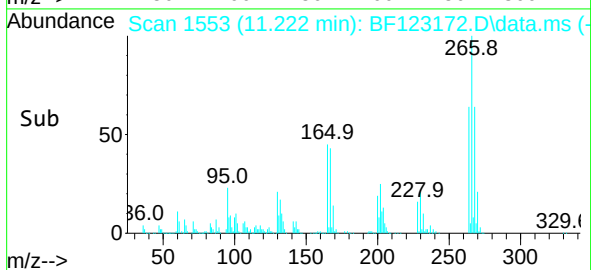
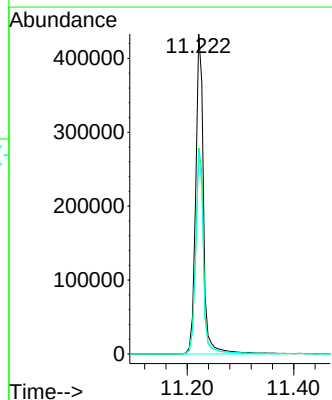
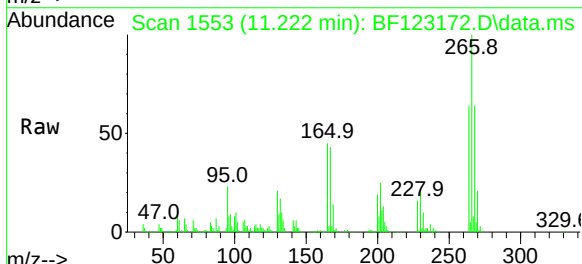
Instrument :
BNA_F
ClientSampleId :
PB134558BS

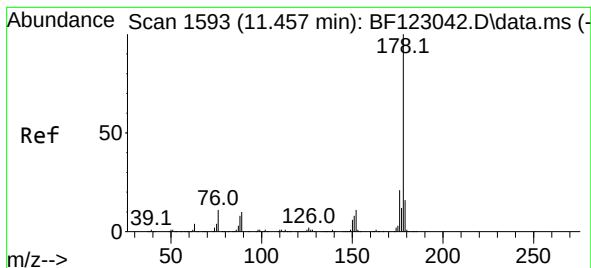
Tgt Ion:200 Resp: 266650
Ion Ratio Lower Upper
200 100
173 25.9 6.6 46.6
215 48.7 28.1 68.1



#70
Pentachlorophenol
Concen: 93.65 ng
RT: 11.222 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:266 Resp: 441042
Ion Ratio Lower Upper
266 100
268 64.4 50.5 75.7
264 63.6 49.8 74.8

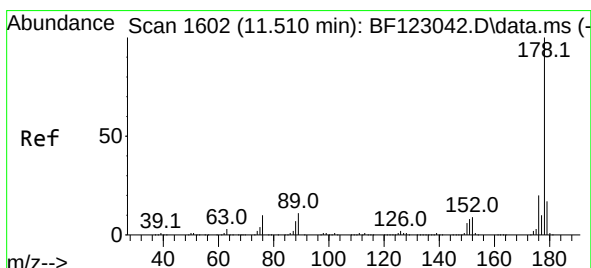
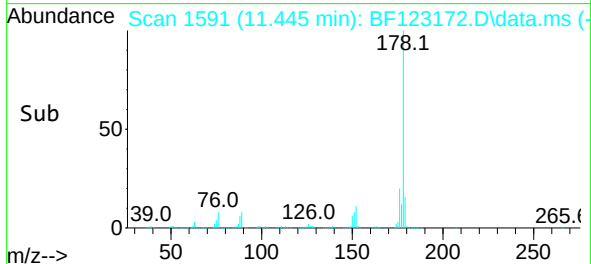
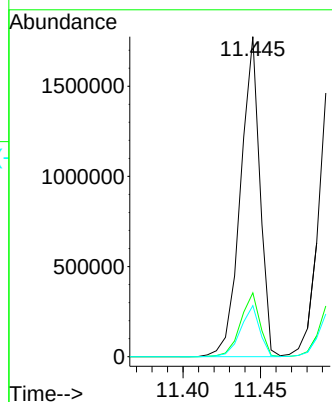
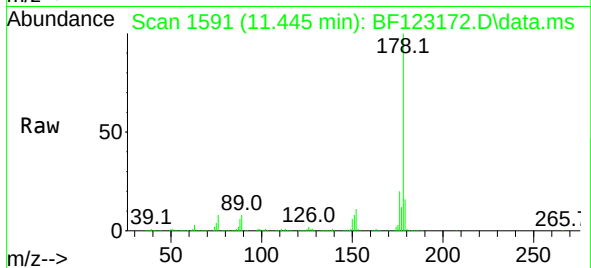




#71
Phenanthrene
Concen: 39.03 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

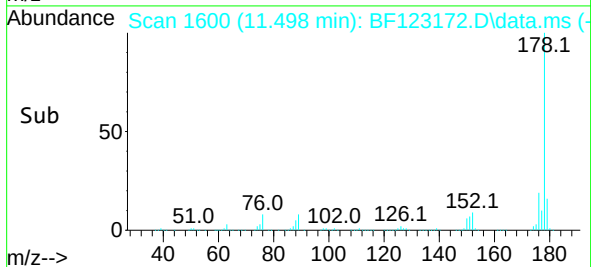
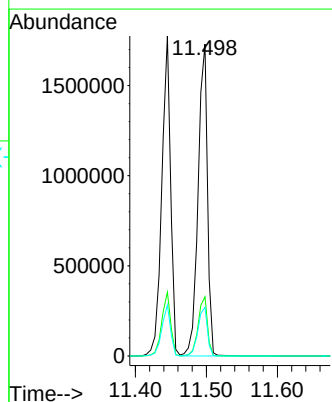
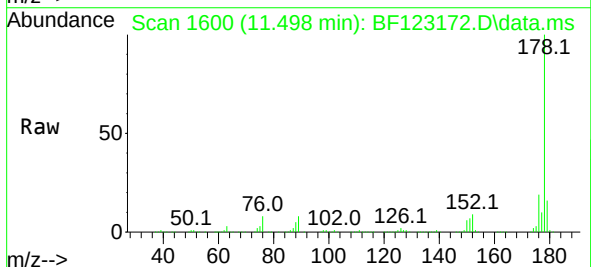
Instrument :
BNA_F
ClientSampleId :
PB134558BS

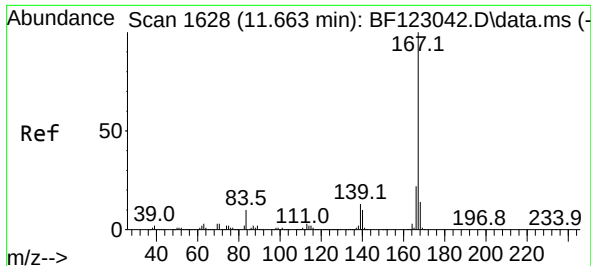
Tgt Ion:178 Resp: 1542068
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 16.0 12.7 19.1



#72
Anthracene
Concen: 41.98 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:178 Resp: 1590845
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.6 12.8 19.2

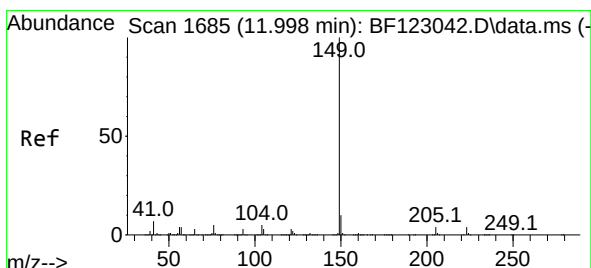
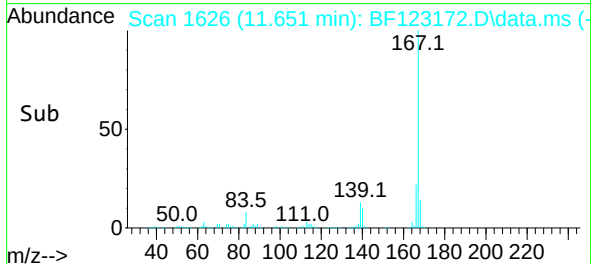
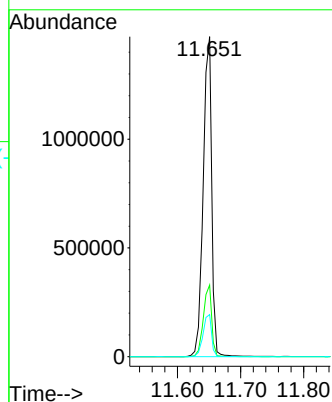
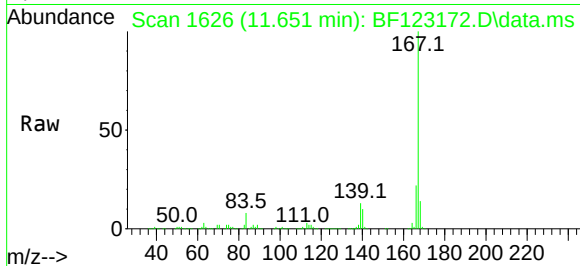




#73
 Carbazole
 Concen: 39.24 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF123172.D
 Acq: 10 Feb 2021 16:06

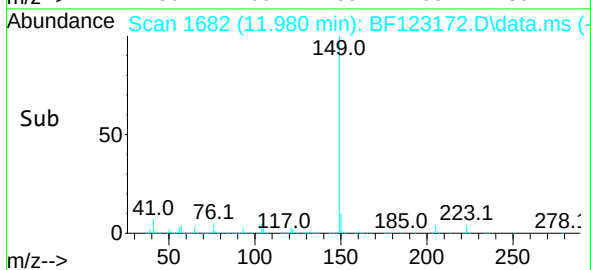
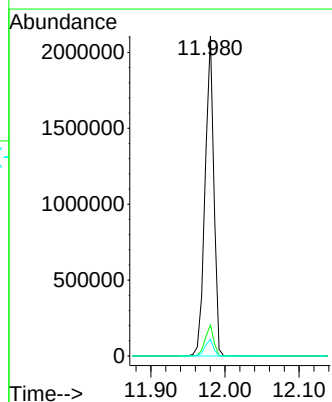
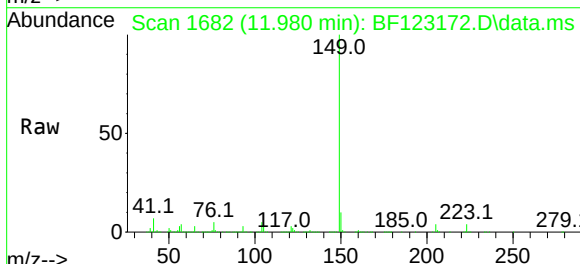
Instrument :
 BNA_F
 ClientSampleId :
 PB134558BS

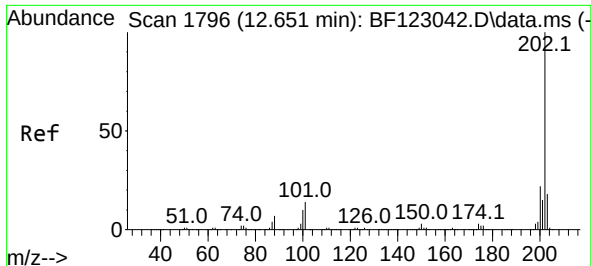
Tgt Ion:167 Resp: 1380011
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.46 ng
 RT: 11.980 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BF123172.D
 Acq: 10 Feb 2021 16:06

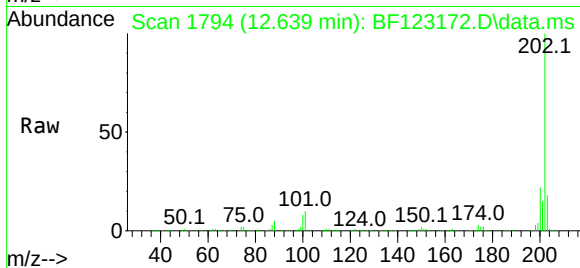
Tgt Ion:149 Resp: 1729119
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.2 4.2 6.4



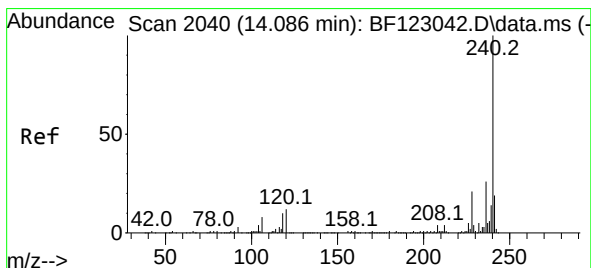
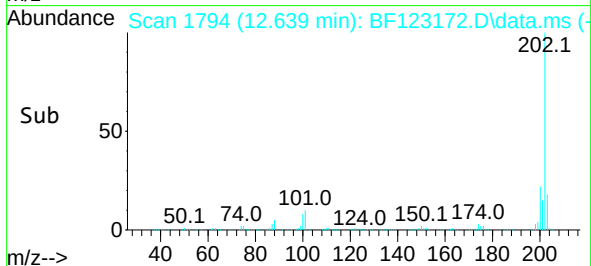
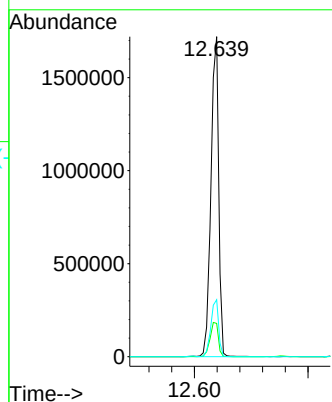


#75
Fluoranthene
Concen: 40.97 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Instrument :
BNA_F
ClientSampleId :
PB134558BS

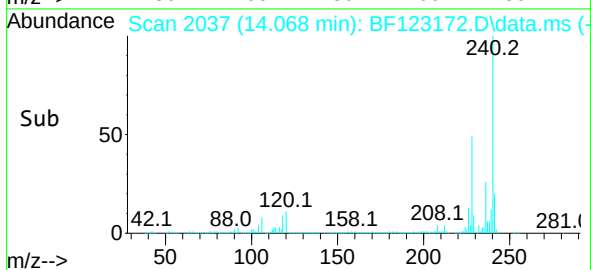
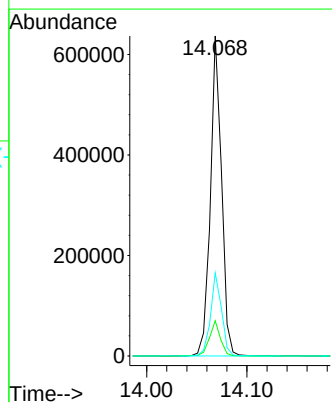
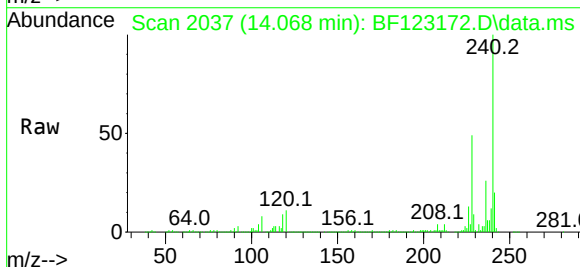


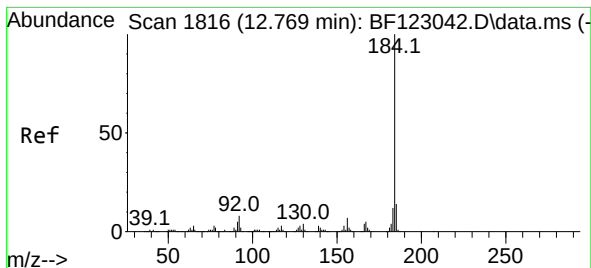
Tgt Ion:202 Resp: 1617625
Ion Ratio Lower Upper
202 100
101 10.4 0.0 32.2
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:240 Resp: 493641
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.9 20.3 30.5





#77

Benzidine

Concen: 49.38 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.006 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

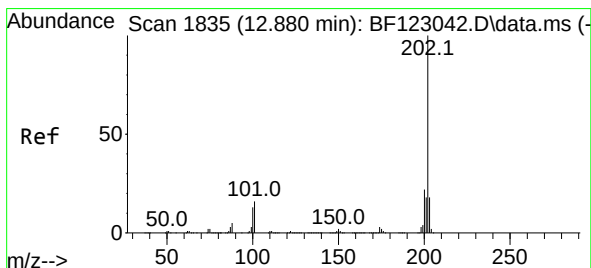
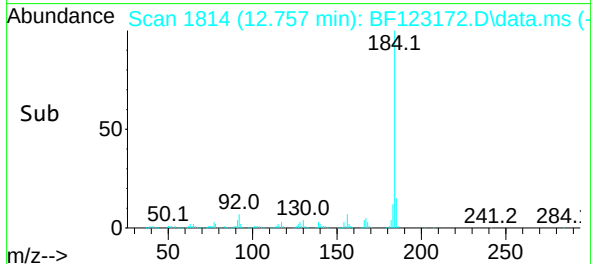
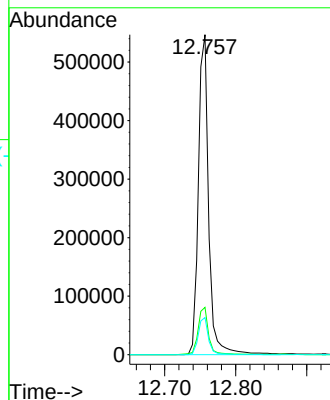
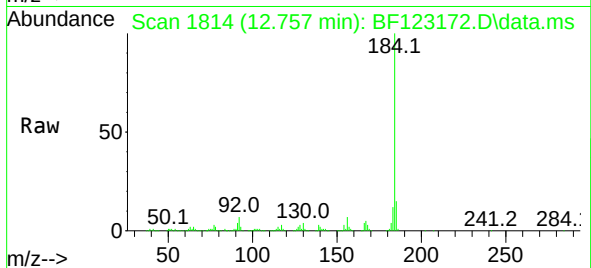
Tgt Ion:184 Resp: 551551

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 11.6 9.7 14.5



#78

Pyrene

Concen: 42.85 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

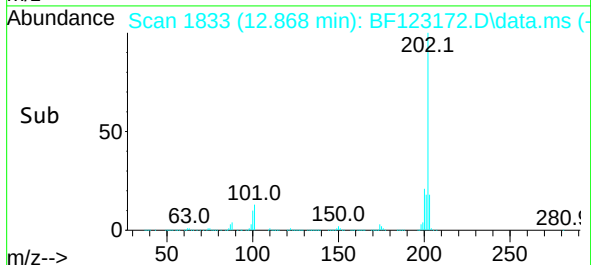
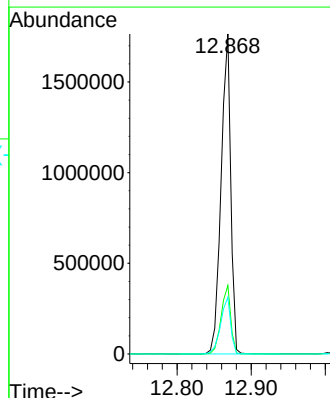
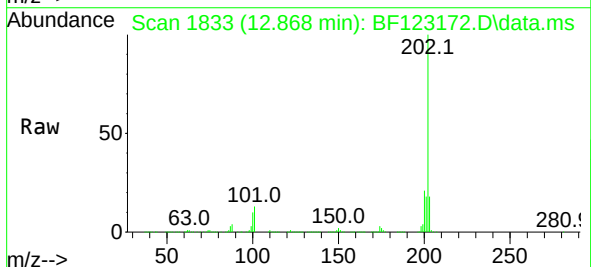
Tgt Ion:202 Resp: 1597020

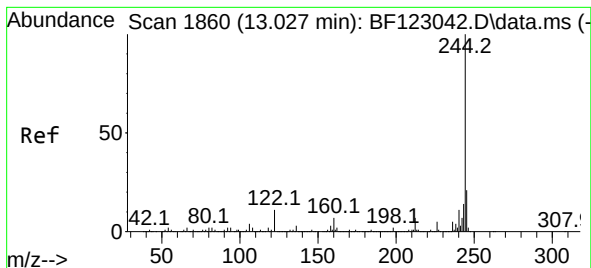
Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 72.35 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

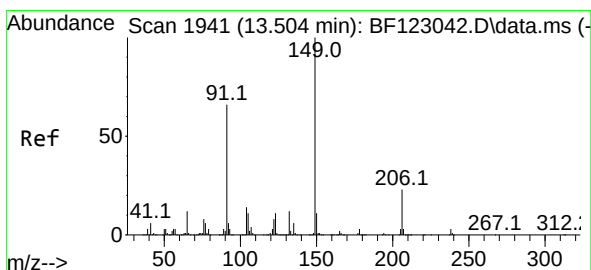
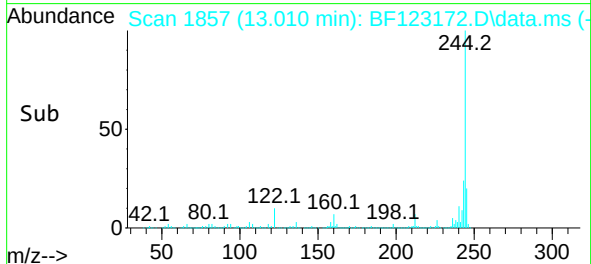
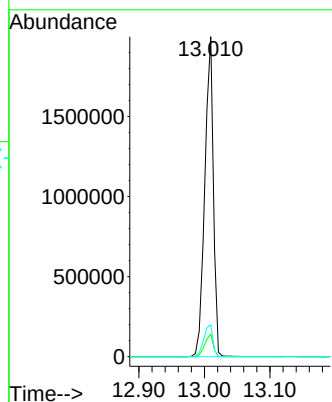
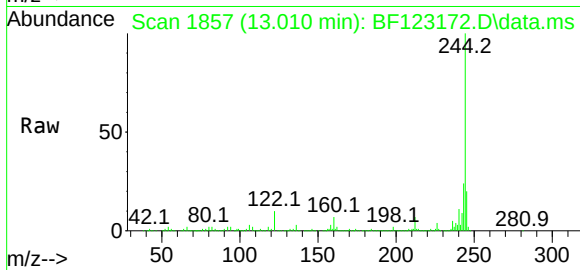
Tgt Ion:244 Resp: 1817871

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.34 ng

RT: 13.486 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

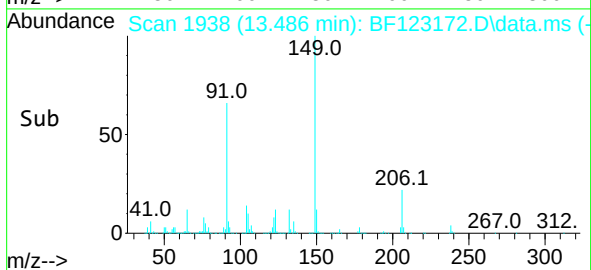
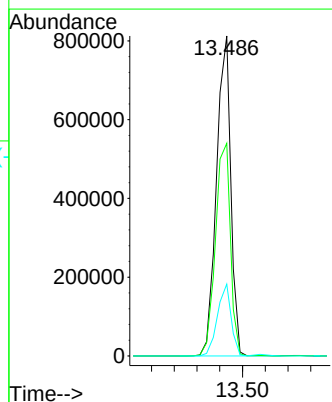
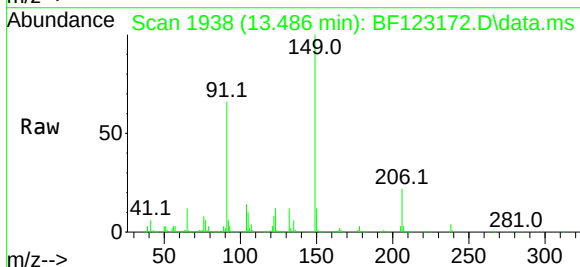
Tgt Ion:149 Resp: 710955

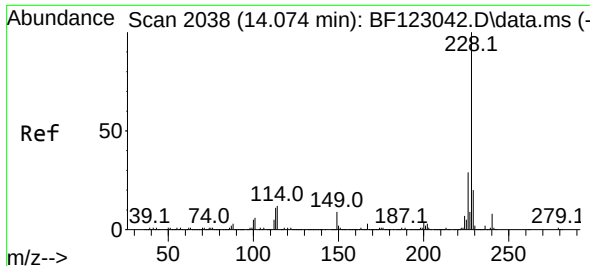
Ion Ratio Lower Upper

149 100

91 66.5 56.5 84.7

206 22.5 17.0 25.6

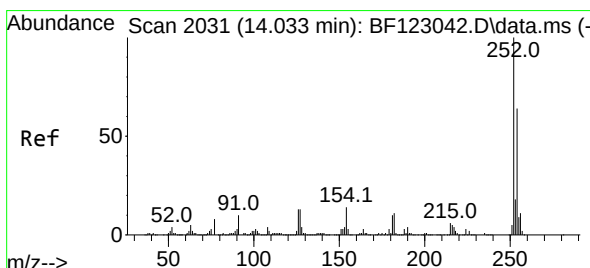
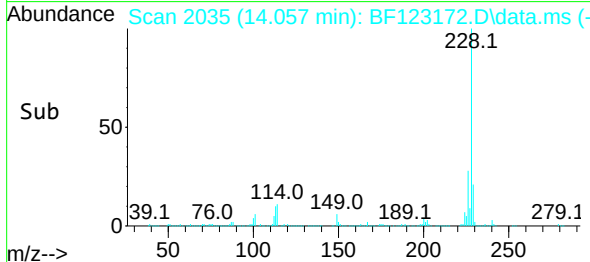
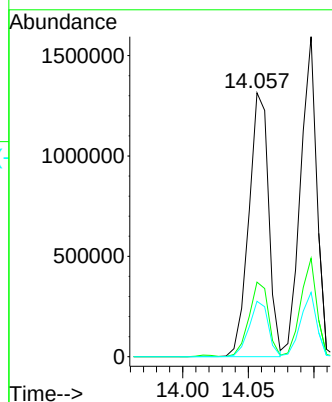
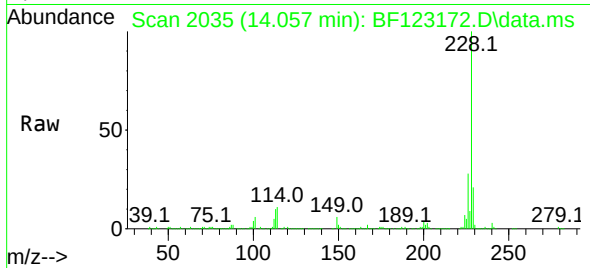




#81
Benzo(a)anthracene
Concen: 41.20 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

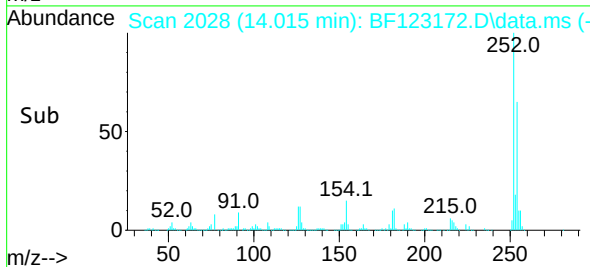
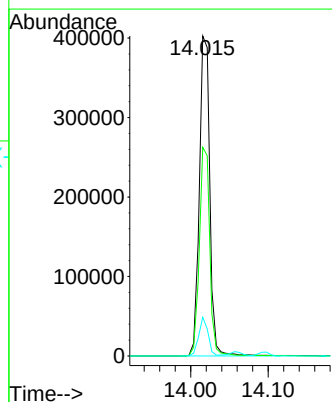
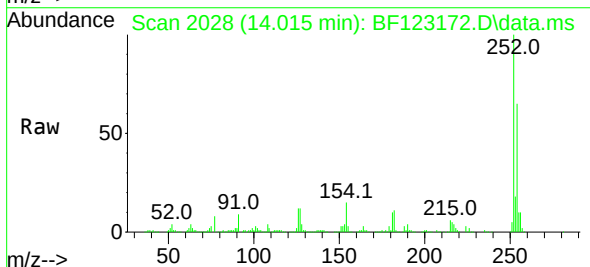
Instrument :
BNA_F
ClientSampleId :
PB134558BS

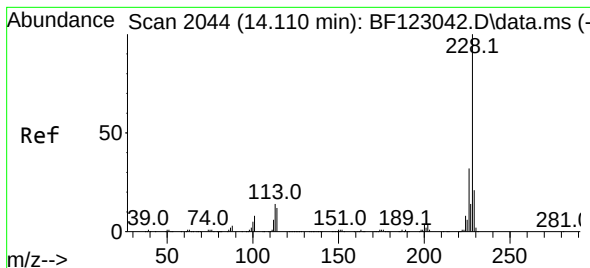
Tgt Ion:228 Resp: 1376472
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.4
229 21.0 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 35.88 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:252 Resp: 377214
Ion Ratio Lower Upper
252 100
254 65.2 52.7 79.1
126 12.1 8.0 12.0#





#83

Chrysene

Concen: 41.12 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

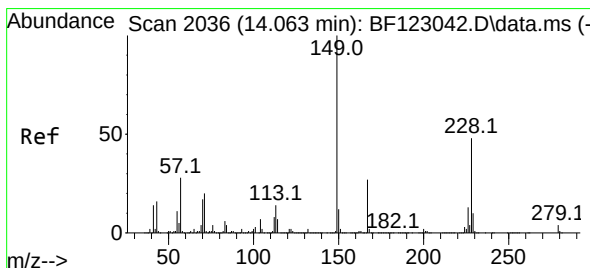
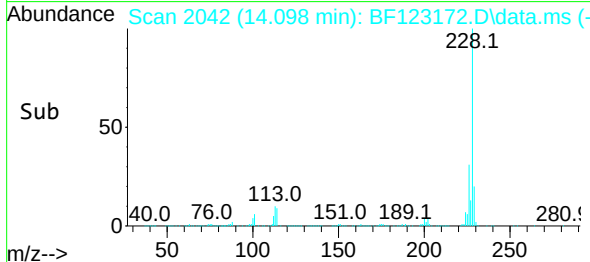
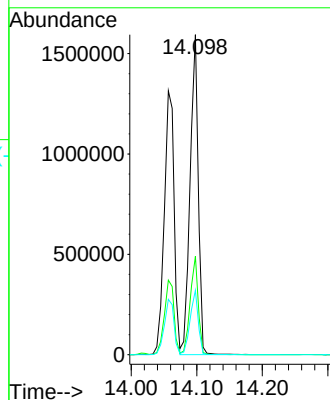
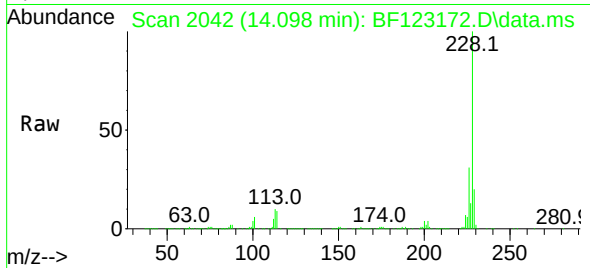
Tgt Ion:228 Resp: 1375081

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.71 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

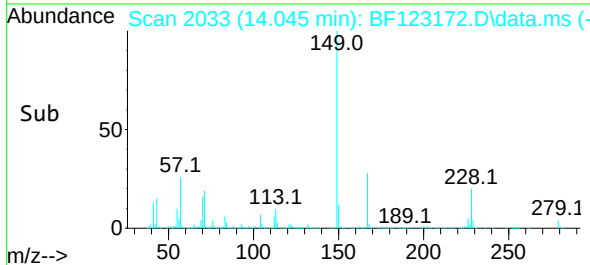
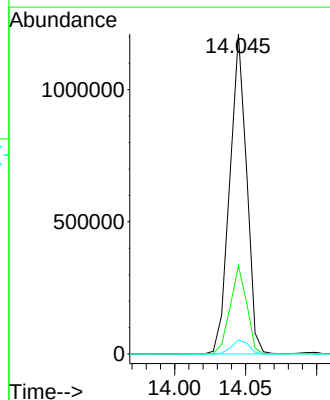
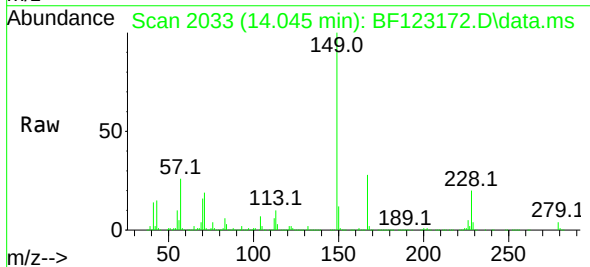
Tgt Ion:149 Resp: 995308

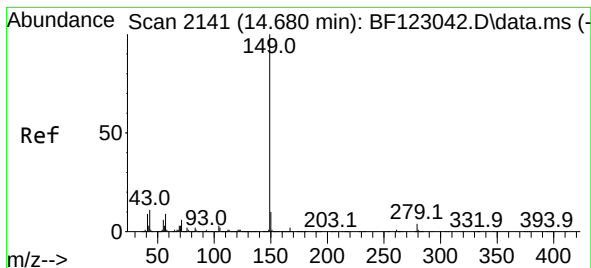
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.2

279 4.4 3.4 5.0

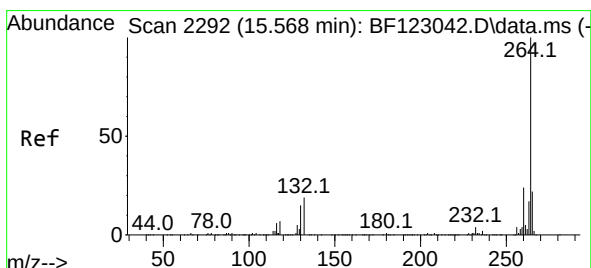
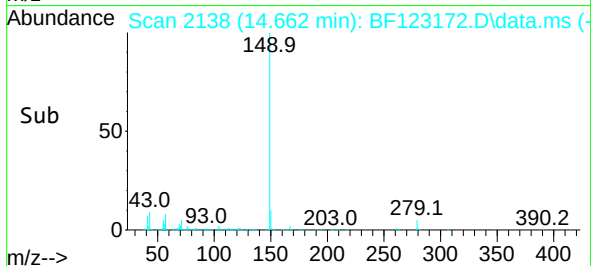
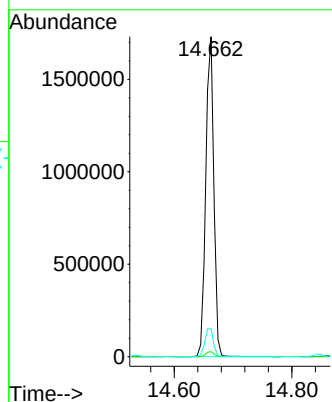
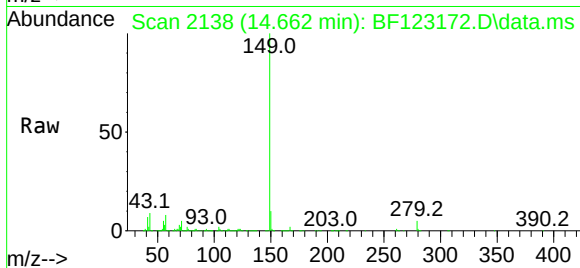




#85
Di-n-octyl phthalate
Concen: 45.74 ng
RT: 14.662 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

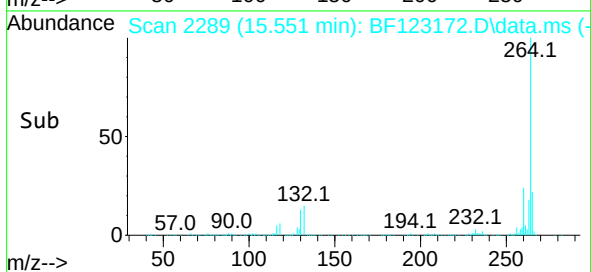
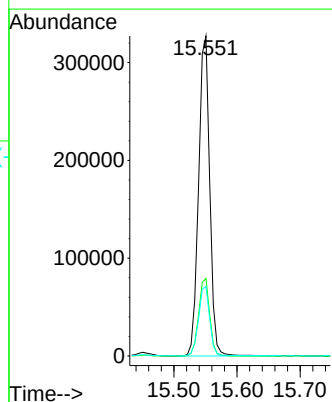
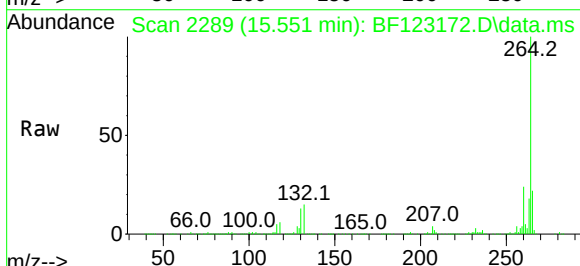
Instrument :
BNA_F
ClientSampleId :
PB134558BS

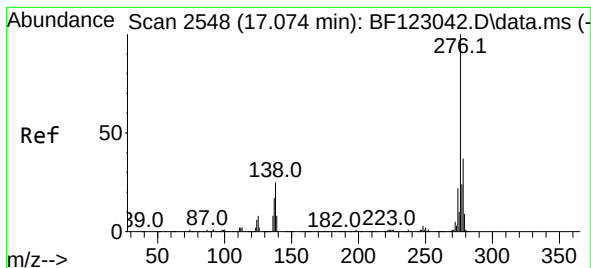
Tgt Ion:149 Resp: 1636880
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:264 Resp: 400744
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.77 ng

RT: 17.051 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion:276 Resp: 1248123

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

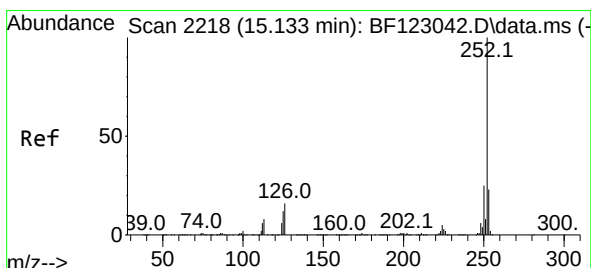
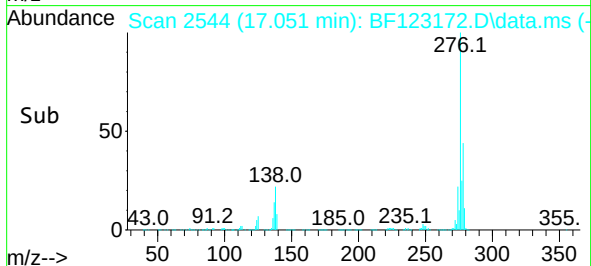
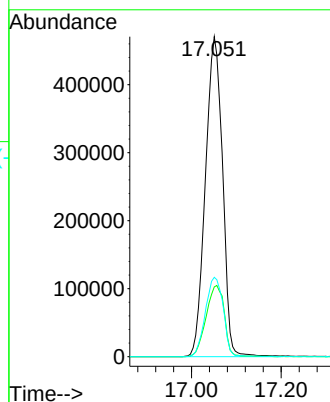
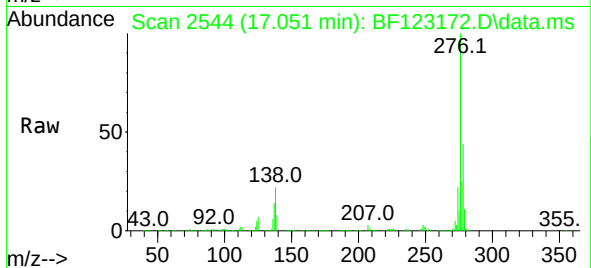
277 25.8 20.2 30.4

Instrument :

BNA_F

ClientSampleId :

PB134558BS



#88

Benzo(b)fluoranthene

Concen: 46.69 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

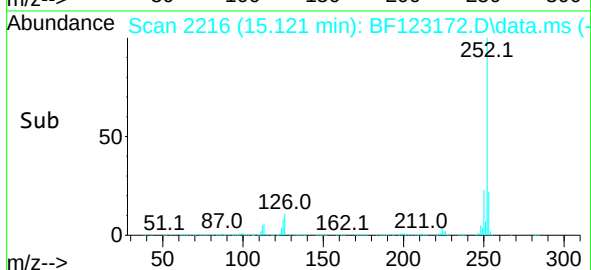
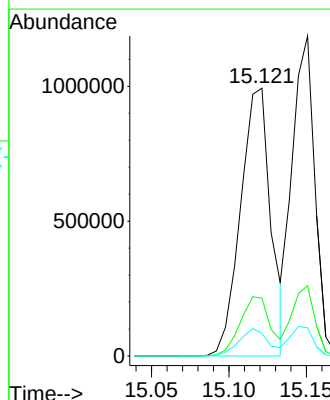
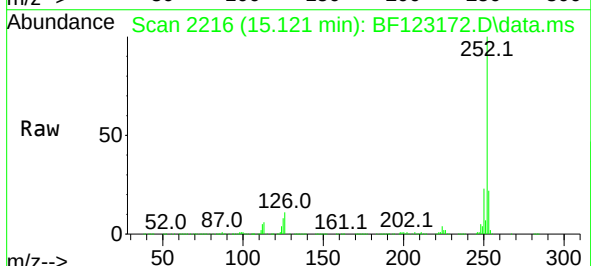
Tgt Ion:252 Resp: 1350577

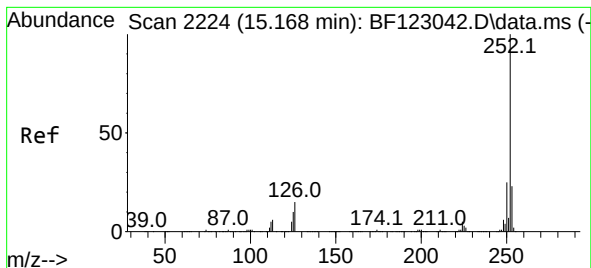
Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 8.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.20 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion:252 Resp: 1214827

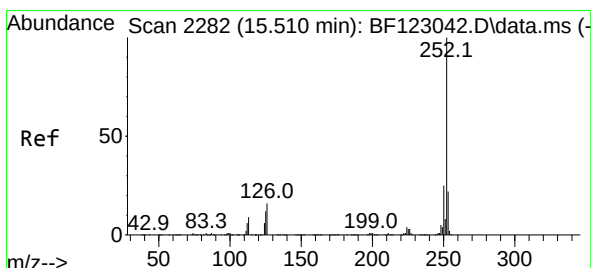
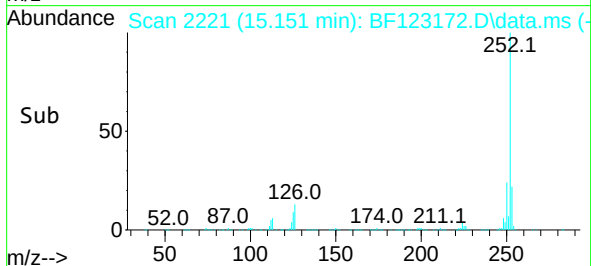
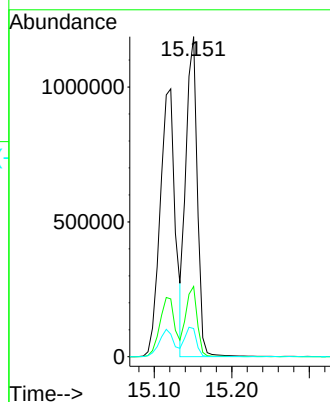
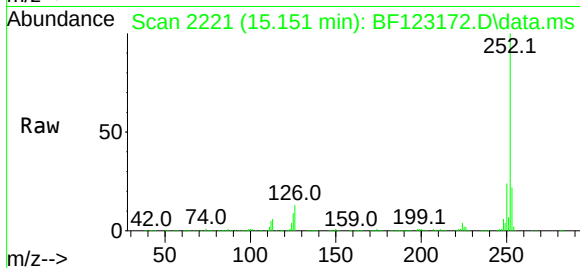
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.8	8.4	12.6

Instrument :

BNA_F

ClientSampleId :

PB134558BS



#90

Benzo(a)pyrene

Concen: 44.64 ng

RT: 15.492 min Scan# 2279

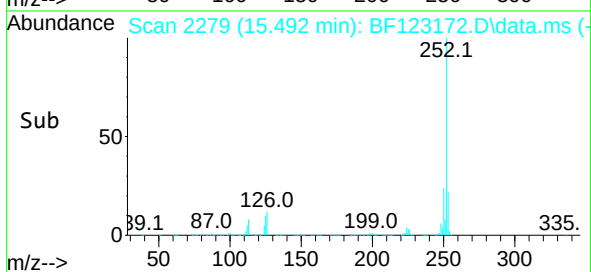
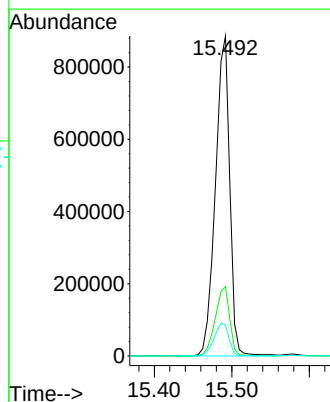
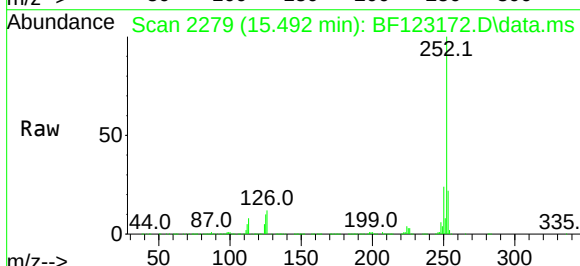
Delta R.T. 0.006 min

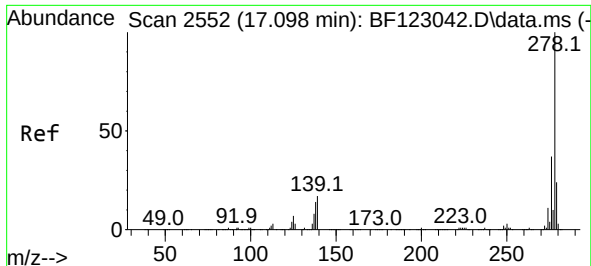
Lab File: BF123172.D

Acq: 10 Feb 2021 16:06

Tgt Ion:252 Resp: 1134102

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.8	8.6	12.8

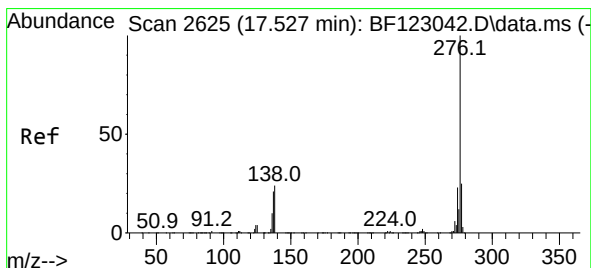
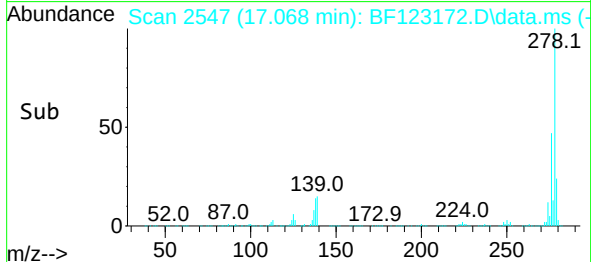
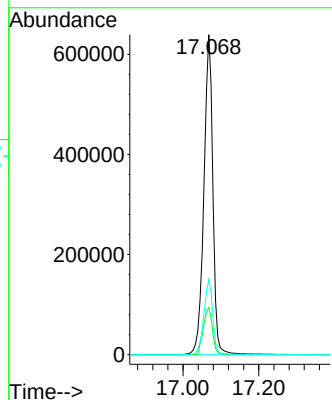
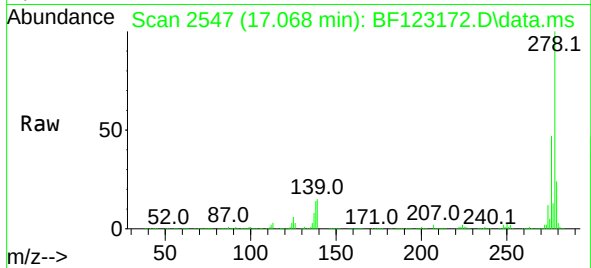




#91
Dibenzo(a,h)anthracene
Concen: 48.06 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Instrument :
BNA_F
ClientSampleId :
PB134558BS

Tgt Ion:278 Resp: 1055740
Ion Ratio Lower Upper
278 100
139 14.7 12.0 18.0
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 47.72 ng
RT: 17.503 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF123172.D
Acq: 10 Feb 2021 16:06

Tgt Ion:276 Resp: 1015872
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 20.6 16.6 24.8

