

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124040.D
 Acq On : 24 May 2021 16:38
 Operator : JU/CG
 Sample : M2489-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359MSD

Quant Time: May 24 17:02:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	55431	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	214910	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	124847	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	209329	20.00	ng	0.00
76) Chrysene-d12	14.074	240	151787	20.00	ng	0.00
86) Perylene-d12	15.568	264	138714	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	85220	21.59	ng	0.00
7) Phenol-d6	6.522	99	264547	51.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	299012	59.95	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	8110	5.41	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	565858	55.78	ng	-0.01
79) Terphenyl-d14	13.010	244	542647	54.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	52644	30.36	ng	99
3) Pyridine	3.457	79	132036	29.51	ng	96
4) n-Nitrosodimethylamine	3.422	42	108548	37.35	ng	# 84
6) Aniline	6.551	93	142535	24.51	ng	94
8) 2-Chlorophenol	6.675	128	175598	42.74	ng	93
9) Benzaldehyde	6.439	77	135073	60.95	ng	90
10) Phenol	6.534	94	225388	43.54	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	170107	42.28	ng	96
12) 1,3-Dichlorobenzene	6.834	146	193850	40.50	ng	97
13) 1,4-Dichlorobenzene	6.910	146	201047	41.06	ng	96
14) 1,2-Dichlorobenzene	7.063	146	189745	41.47	ng	97
15) Benzyl Alcohol	7.034	79	186455	42.15	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.169	45	327719	40.46	ng	96
17) 2-Methylphenol	7.145	107	145556	43.69	ng	91
18) Hexachloroethane	7.404	117	77556	42.73	ng	93
19) n-Nitroso-di-n-propyla...	7.310	70	156705	45.28	ng	90
20) 3+4-Methylphenols	7.298	107	187473	42.72	ng	# 81
22) Acetophenone	7.304	105	266390	43.65	ng	# 99
24) Nitrobenzene	7.475	77	211195	41.41	ng	96
25) Isophorone	7.716	82	380754	39.68	ng	# 97
26) 2-Nitrophenol	7.792	139	97415	50.78	ng	93
27) 2,4-Dimethylphenol	7.828	122	163100	44.40	ng	92
28) bis(2-Chloroethoxy)met...	7.922	93	220641	45.73	ng	99
29) 2,4-Dichlorophenol	8.033	162	161899	43.54	ng	91
30) 1,2,4-Trichlorobenzene	8.116	180	175779	42.05	ng	99
31) Naphthalene	8.198	128	516048	40.57	ng	99
32) Benzoic acid	7.957	122	83298	41.31	ng	94
33) 4-Chloroaniline	8.239	127	33081	6.83	ng	97
34) Hexachlorobutadiene	8.316	225	119777	43.76	ng	98
35) Caprolactam	8.628	113	39497	39.01	ng	# 89
36) 4-Chloro-3-methylphenol	8.728	107	180309	44.34	ng	89
37) 2-Methylnaphthalene	8.892	142	370770	43.01	ng	97
38) 1-Methylnaphthalene	8.992	142	339500	42.20	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	189979	42.19	ng	97
41) Hexachlorocyclopentadiene	9.045	237	215528	75.25	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	118036	40.40	ng	97

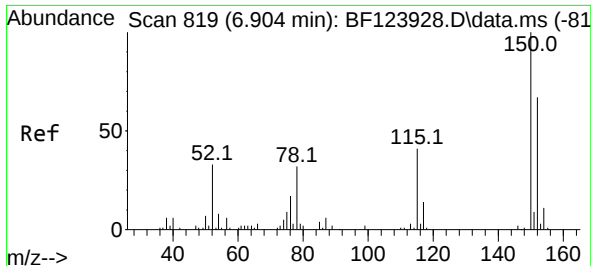
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
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 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	128044	42.19	ng	# 91
46) 1,1'-Biphenyl	9.357	154	471665	42.89	ng	98
47) 2-Chloronaphthalene	9.380	162	345461	39.55	ng	98
48) 2-Nitroaniline	9.475	65	132667	44.98	ng	96
49) Acenaphthylene	9.798	152	554097	42.94	ng	96
50) Dimethylphthalate	9.657	163	518873	52.05	ng	99
51) 2,6-Dinitrotoluene	9.716	165	94207	46.73	ng	94
52) Acenaphthene	9.969	154	400503	45.34	ng	93
53) 3-Nitroaniline	9.886	138	47030	23.47	ng	90
54) 2,4-Dinitrophenol	9.998	184	91281	83.84	ng	# 82
55) Dibenzofuran	10.145	168	563984	44.45	ng	98
56) 4-Nitrophenol	10.051	139	133015	80.26	ng	92
57) 2,4-Dinitrotoluene	10.122	165	128886	52.12	ng	94
58) Fluorene	10.486	166	472169	49.39	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.257	232	103240	41.36	ng	# 97
60) Diethylphthalate	10.357	149	457738	46.36	ng	95
61) 4-Chlorophenyl-phenyle...	10.474	204	206272	43.05	ng	96
62) 4-Nitroaniline	10.504	138	83704	42.00	ng	87
63) Azobenzene	10.633	77	448879	40.88	ng	92
65) 4,6-Dinitro-2-methylph...	10.533	198	64274	47.70	ng	# 69
66) n-Nitrosodiphenylamine	10.592	169	357915	44.75	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	130550	47.45	ng	# 90
68) Hexachlorobenzene	11.033	284	139739	45.50	ng	96
69) Atrazine	11.121	200	124550	55.13	ng	96
70) Pentachlorophenol	11.227	266	145743	80.05	ng	95
71) Phenanthrene	11.457	178	1026298	77.36	ng	100
72) Anthracene	11.504	178	667746	49.67	ng	97
73) Carbazole	11.651	167	459924	39.11	ng	97
74) Di-n-butylphthalate	11.980	149	697857	47.41	ng	98
75) Fluoranthene	12.645	202	1172307	85.34	ng	100
77) Benzidine	12.757	184	194633	53.14	ng	# 92
78) Pyrene	12.874	202	1034612	76.78	ng	98
80) Butylbenzylphthalate	13.486	149	244115	46.20	ng	99
81) Benzo(a)anthracene	14.062	228	723544	65.91	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	61826	18.13	ng	# 97
83) Chrysene	14.104	228	696316	65.95	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	375721	50.39	ng	98
85) Di-n-octyl phthalate	14.668	149	655507	58.15	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	441882	41.25	ng	97
88) Benzo(b)fluoranthene	15.139	252	1143848	106.60	ng	# 98
89) Benzo(k)fluoranthene	15.168	252	532343	54.44	ng	98
90) Benzo(a)pyrene	15.515	252	707344	76.26	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	307712	34.11	ng	98
92) Benzo(g,h,i)perylene	17.545	276	346014	38.24	ng	99

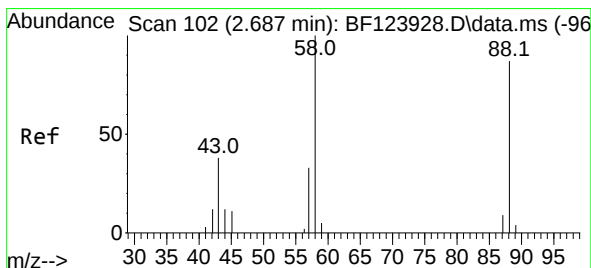
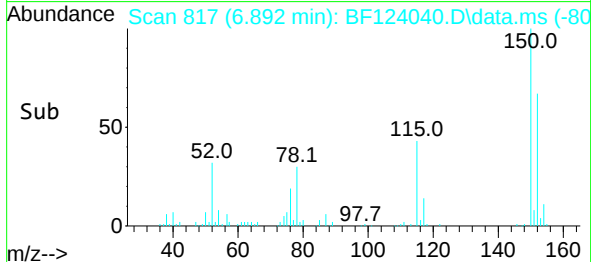
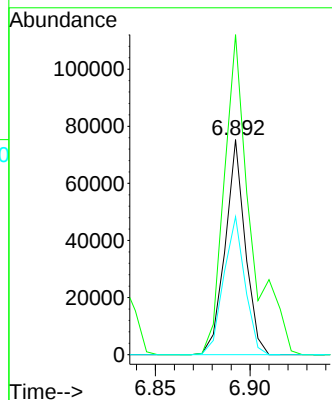
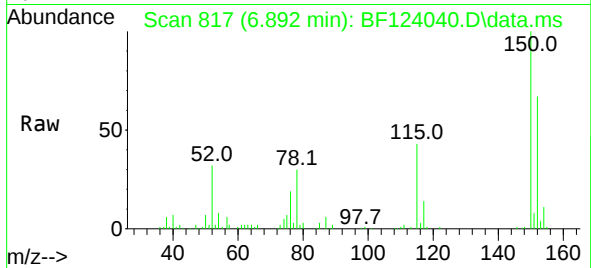
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

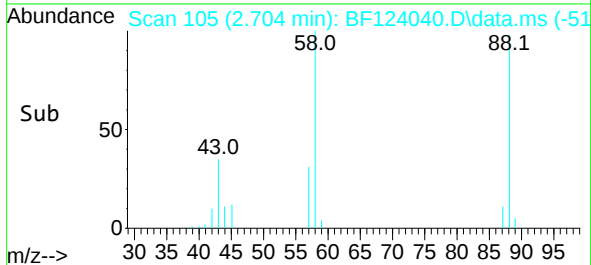
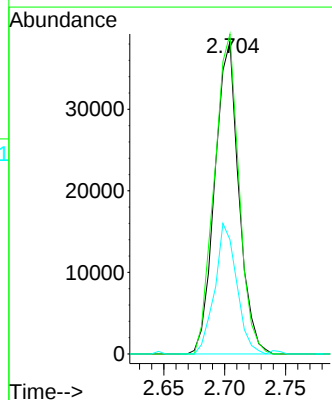
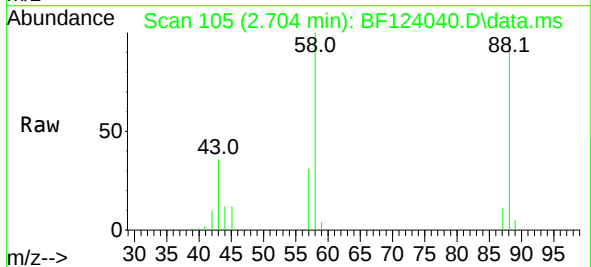
Instrument :
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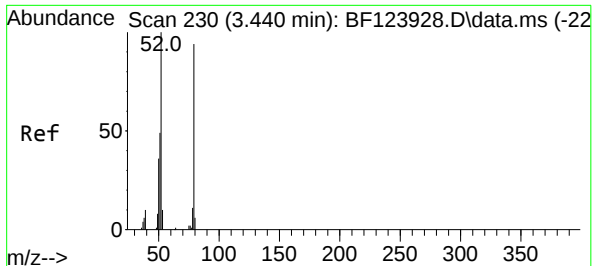
Tgt Ion:152 Resp: 55431
Ion Ratio Lower Upper
152 100
150 148.8 127.0 190.6
115 64.1 54.3 81.5



#2
1,4-Dioxane
Concen: 30.36 ng
RT: 2.704 min Scan# 105
Delta R.T. 0.018 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 88 Resp: 52644
Ion Ratio Lower Upper
88 100
58 104.2 83.8 125.8
43 38.0 32.2 48.4





#3

Pyridine

Concen: 29.51 ng

RT: 3.457 min Scan# 233

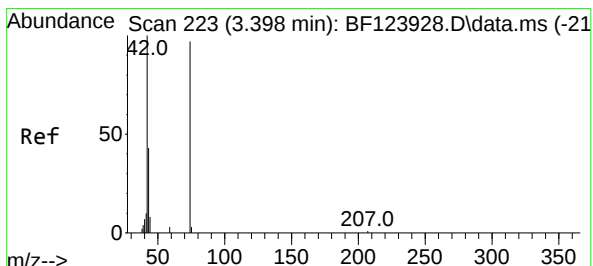
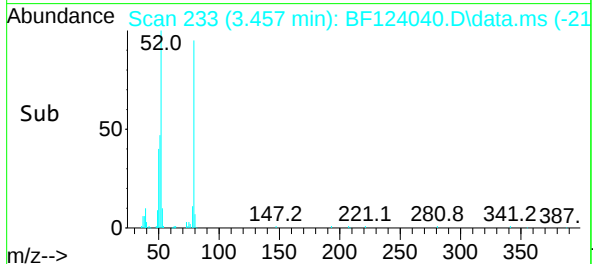
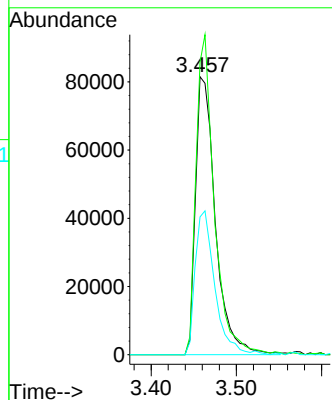
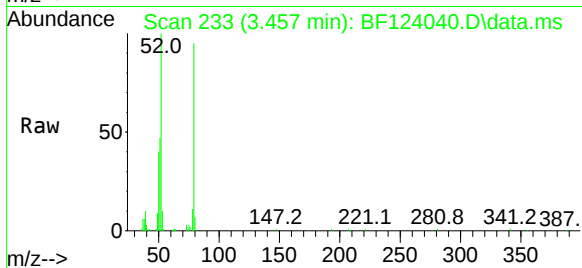
Delta R.T. 0.018 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion: 79 Resp: 132036

Ion	Ratio	Lower	Upper
79	100		
52	105.3	87.4	131.0
51	49.6	41.4	62.0



#4

n-Nitrosodimethylamine

Concen: 37.35 ng

RT: 3.422 min Scan# 227

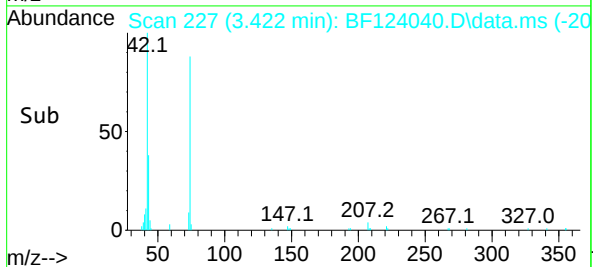
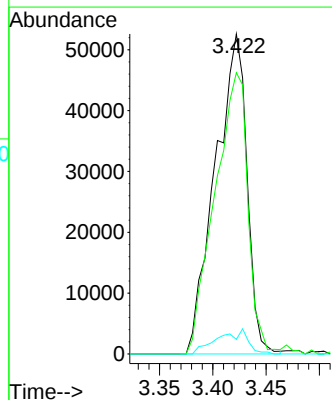
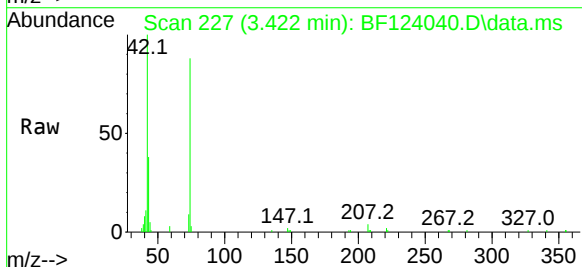
Delta R.T. 0.023 min

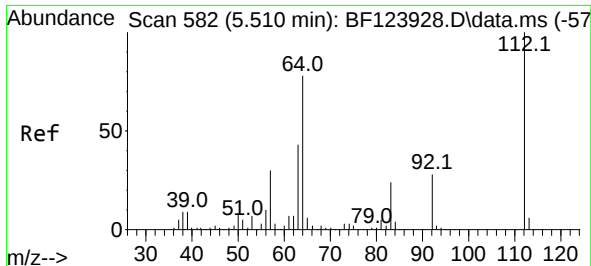
Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion: 42 Resp: 108548

Ion	Ratio	Lower	Upper
42	100		
74	87.9	83.5	125.3
44	4.6	5.7	8.5

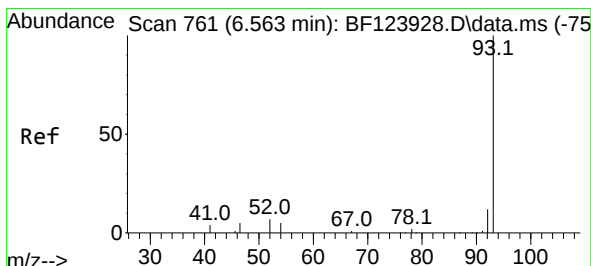
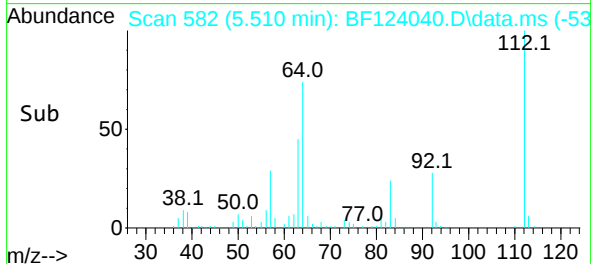
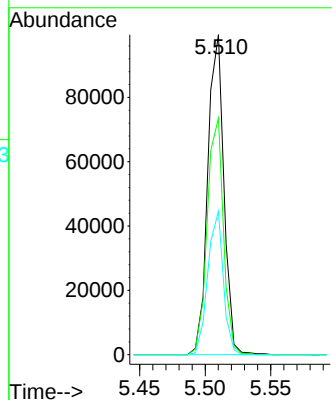
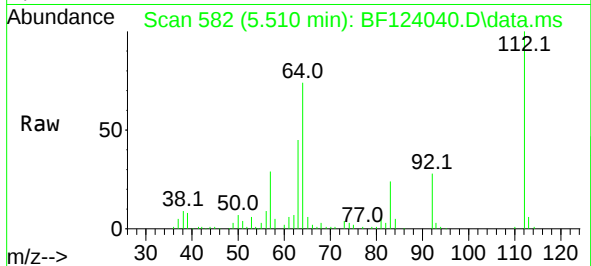




#5
2-Fluorophenol
Concen: 21.59 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

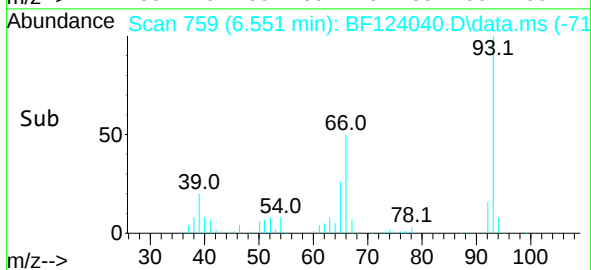
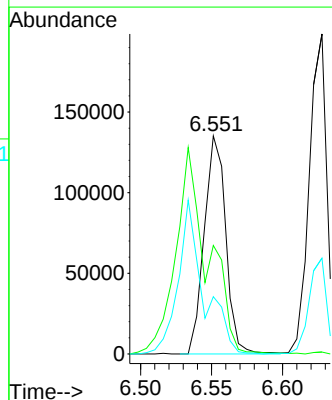
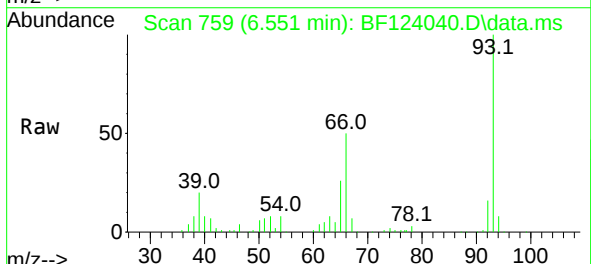
Instrument :
BNA_F
ClientSampled :
359MSD

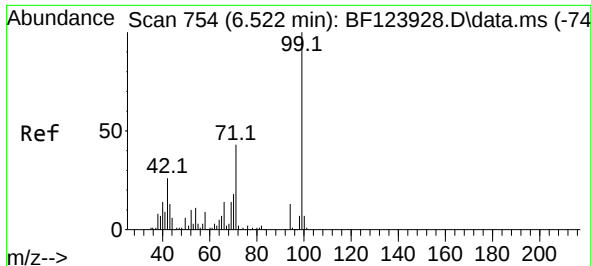
Tgt Ion:112 Resp: 85220
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 44.8 33.0 49.4



#6
Aniline
Concen: 24.51 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 93 Resp: 142535
Ion Ratio Lower Upper
93 100
66 49.8 36.4 54.6
65 26.3 19.4 29.0

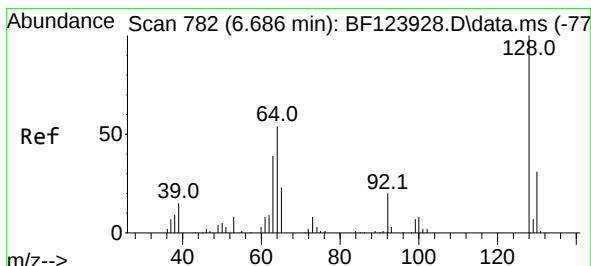
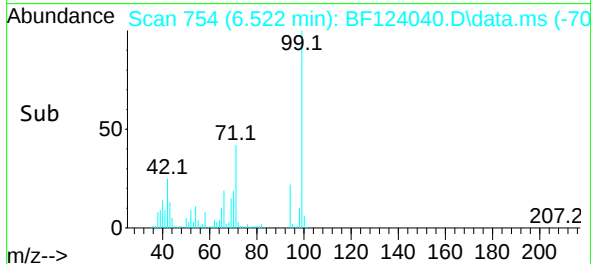
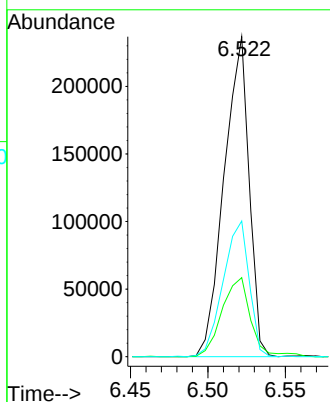
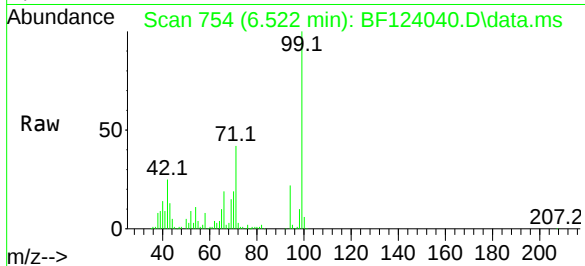




#7
Phenol-d6
Concen: 51.65 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

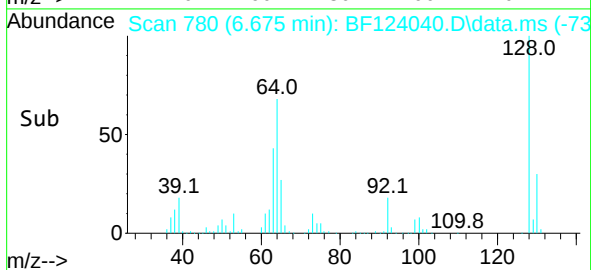
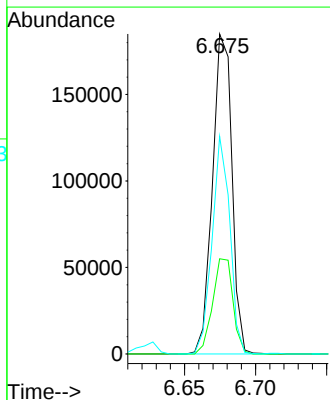
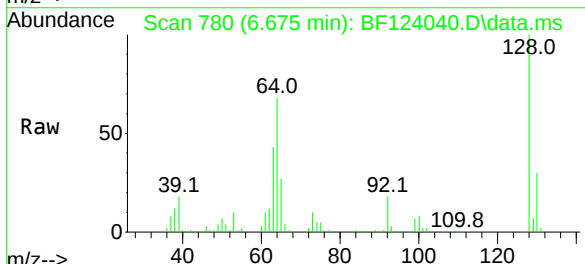
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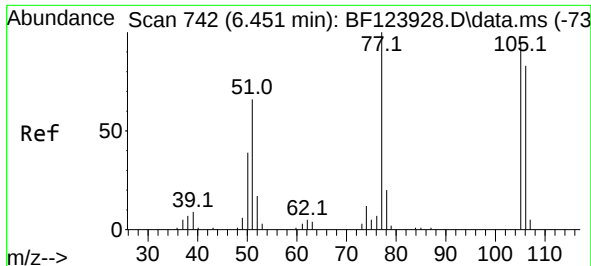
Tgt Ion: 99 Resp: 264547
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 42.4 31.1 46.7



#8
2-Chlorophenol
Concen: 42.74 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 128 Resp: 175598
Ion Ratio Lower Upper
128 100
130 29.7 12.6 52.6
64 68.0 41.5 81.5

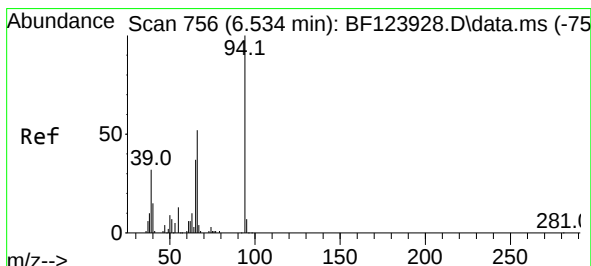
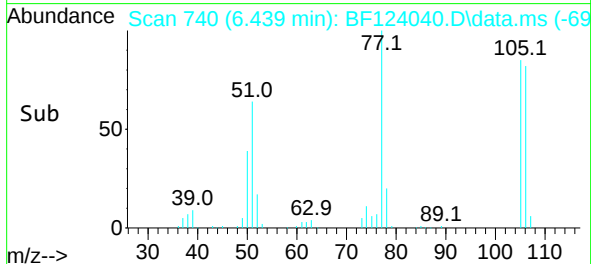
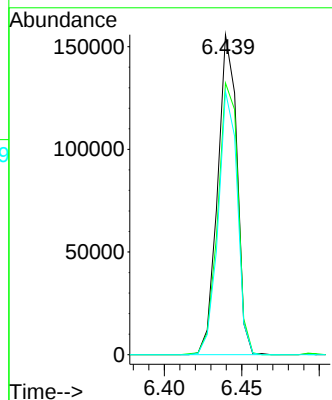
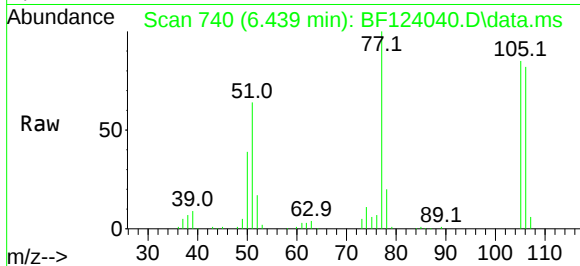




#9
Benzaldehyde
Concen: 60.95 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

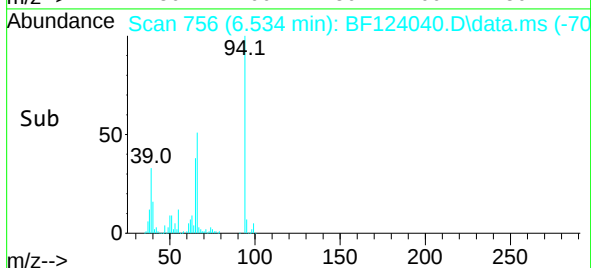
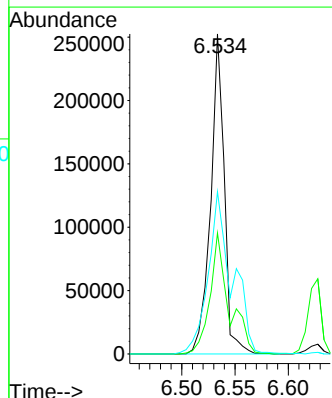
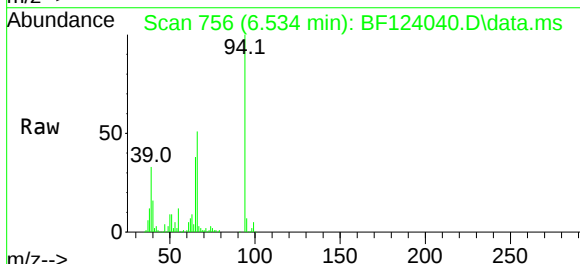
Instrument :
BNA_F
ClientSampleId :
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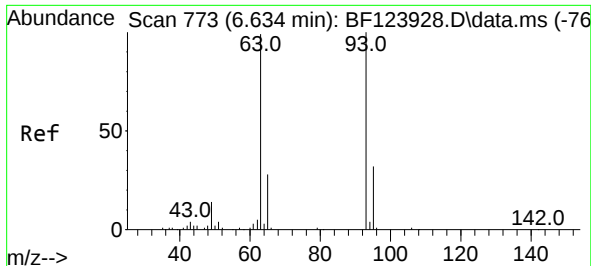
Tgt Ion:	77	Resp:	135073
Ion	Ratio	Lower	Upper
77	100		
105	84.9	75.2	115.2
106	82.3	71.6	111.6



#10
Phenol
Concen: 43.54 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

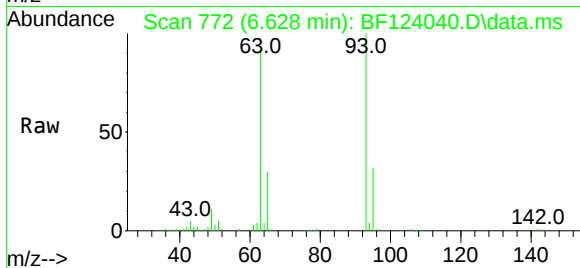
Tgt Ion:	94	Resp:	225388
Ion	Ratio	Lower	Upper
94	100		
65	37.8	18.1	58.1
66	50.7	29.0	69.0



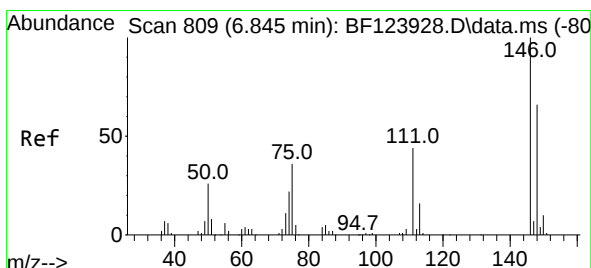
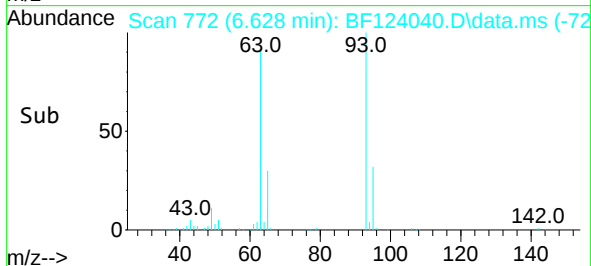
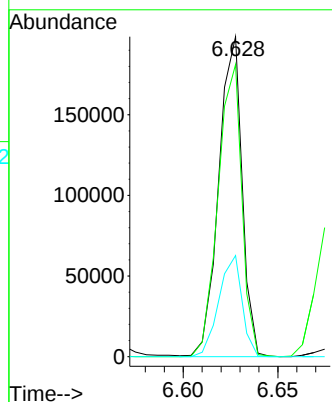


#11
bis(2-Chloroethyl)ether
Concen: 42.28 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Instrument :
BNA_F
ClientSampleId :
359MSD

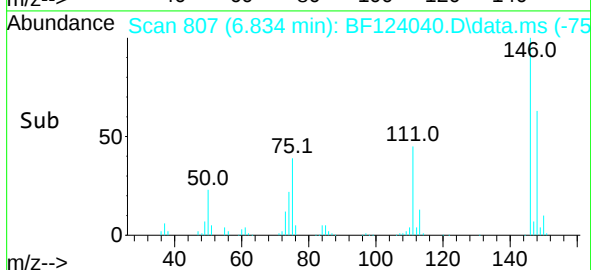
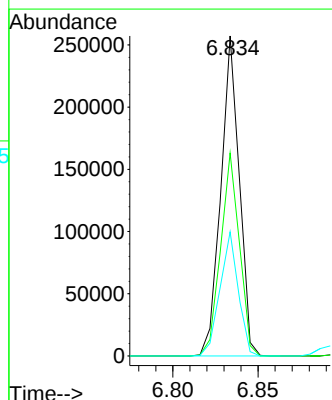
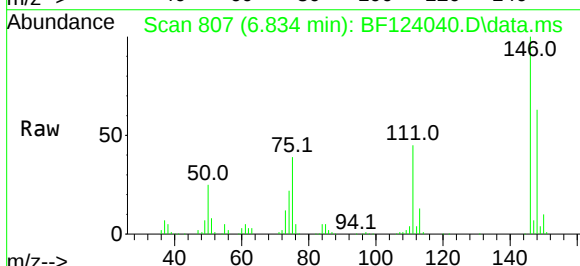


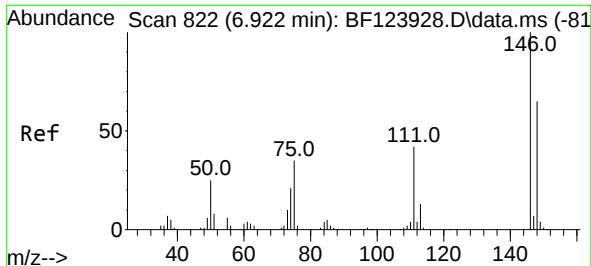
Tgt Ion: 93 Resp: 170107
Ion Ratio Lower Upper
93 100
63 91.3 76.1 116.1
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.50 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 146 Resp: 193850
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 38.8 34.2 51.4

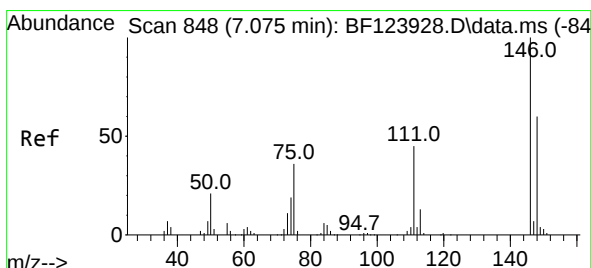
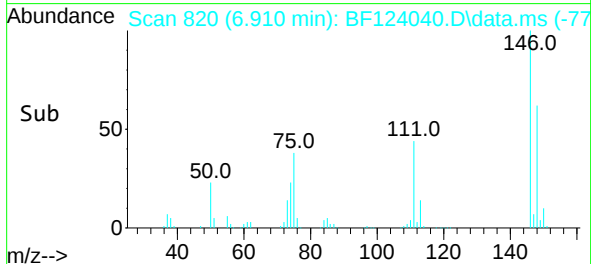
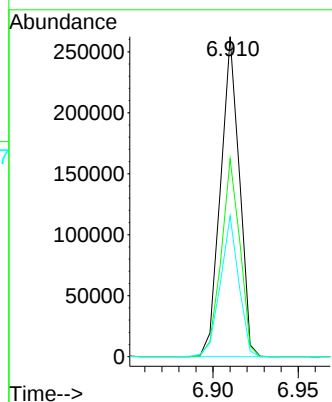
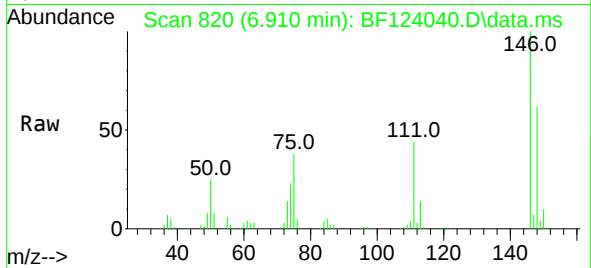




#13
1,4-Dichlorobenzene
Concen: 41.06 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

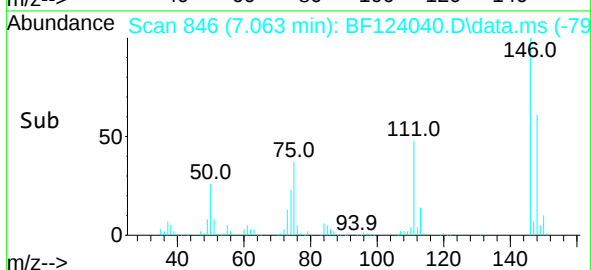
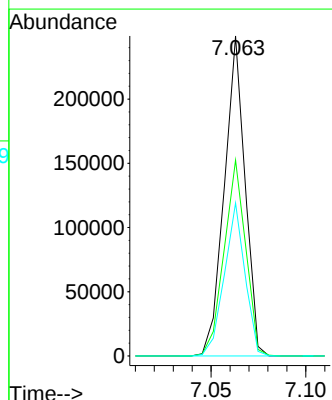
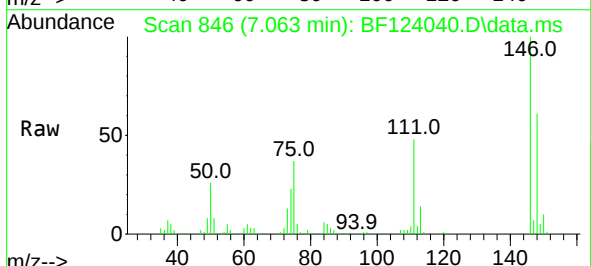
Instrument :
BNA_F
ClientSampleId :
359MSD

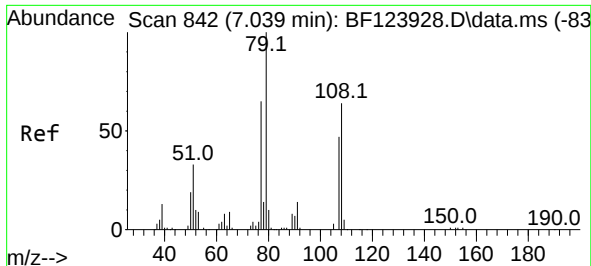
Tgt Ion:146 Resp: 201047
Ion Ratio Lower Upper
146 100
148 61.8 49.9 74.9
111 44.1 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 41.47 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:146 Resp: 189745
Ion Ratio Lower Upper
146 100
148 61.2 51.6 77.4
111 47.8 38.4 57.6

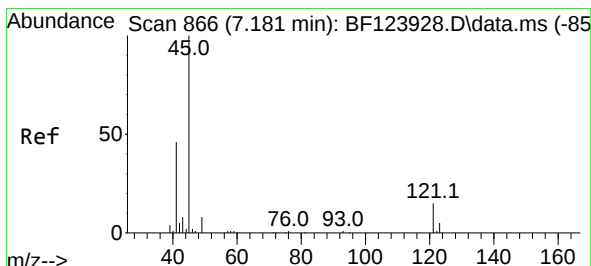
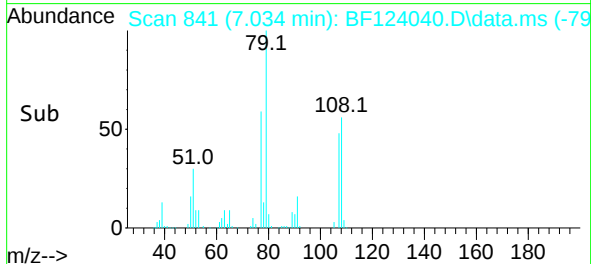
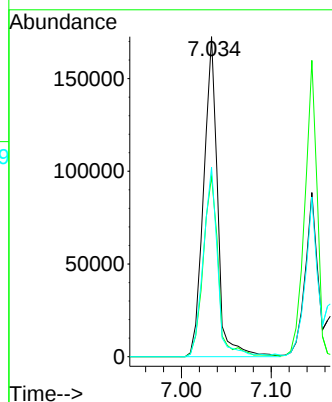
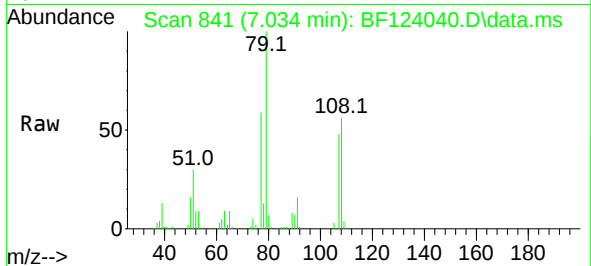




#15
Benzyl Alcohol
Concen: 42.15 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

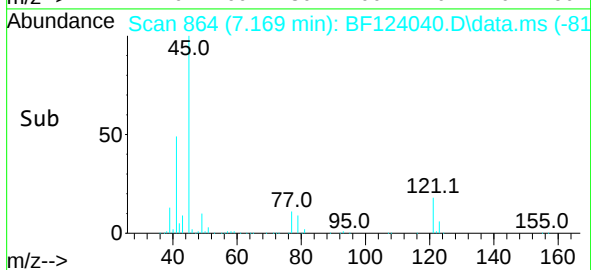
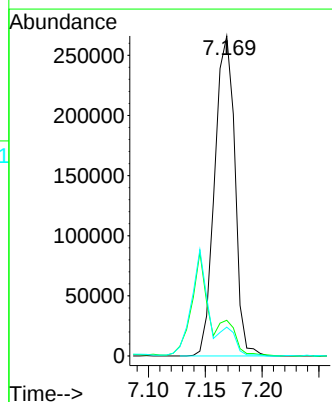
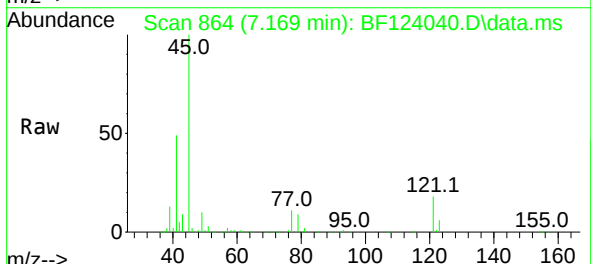
Instrument :
BNA_F
ClientSampleId :
359MSD

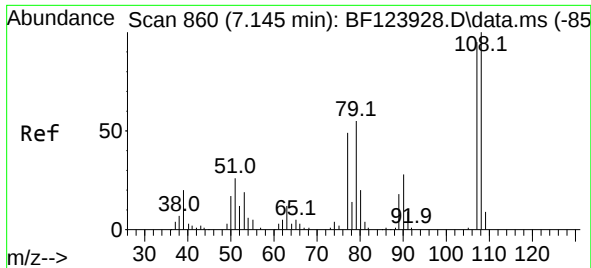
Tgt Ion: 79 Resp: 186455
Ion Ratio Lower Upper
79 100
108 56.3 55.8 83.8
77 59.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.46 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 45 Resp: 327719
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.0
79 9.0 0.0 27.3

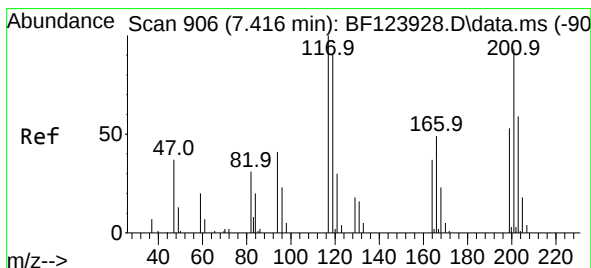
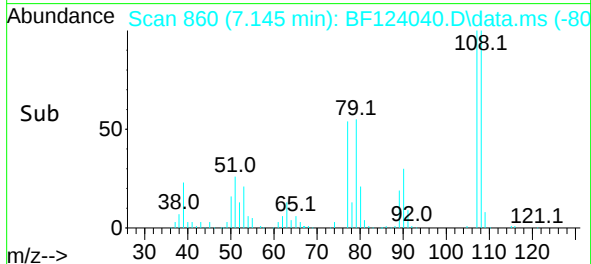
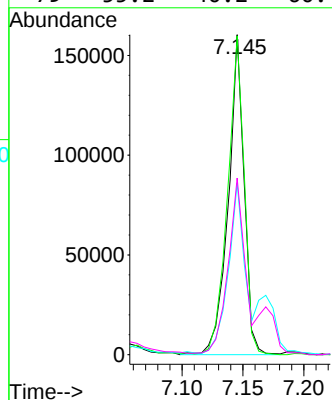
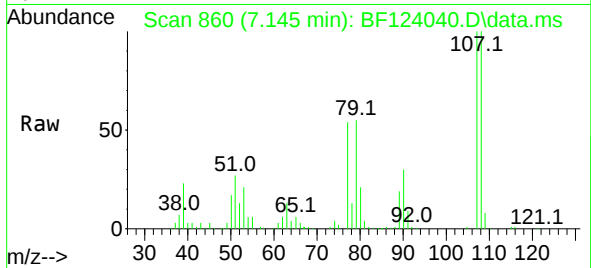




#17
2-Methylphenol
Concen: 43.69 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

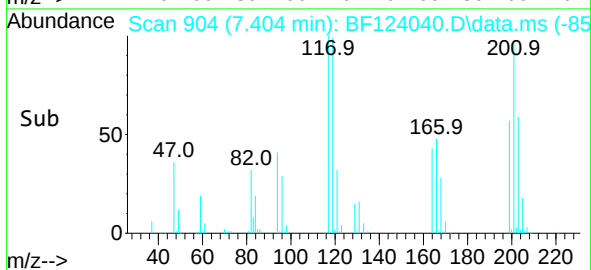
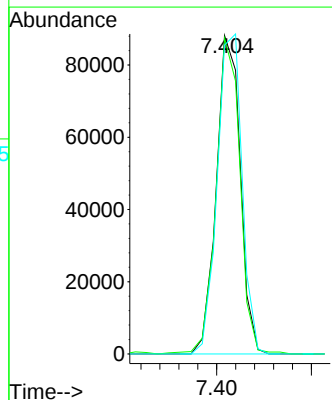
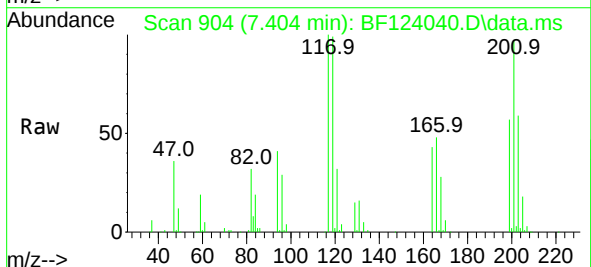
Instrument :
BNA_F
ClientSampled :
359MSD

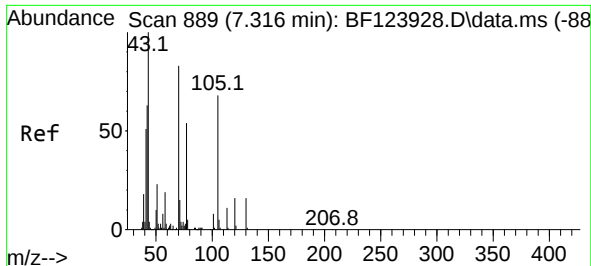
Tgt Ion:	107	Resp:	145556
Ion Ratio	Lower	Upper	
107	100		
108	99.6	89.8	134.8
77	53.7	40.9	61.3
79	55.2	40.2	60.4



#18
Hexachloroethane
Concen: 42.73 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:	117	Resp:	77556
Ion Ratio	Lower	Upper	
117	100		
119	99.2	77.8	116.8
201	97.0	67.8	101.8





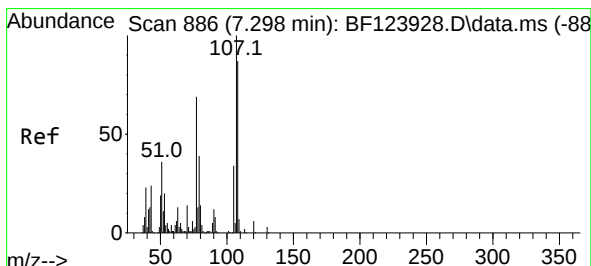
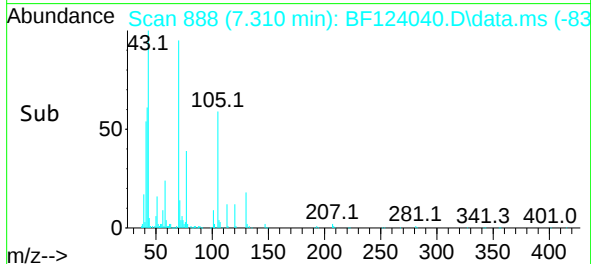
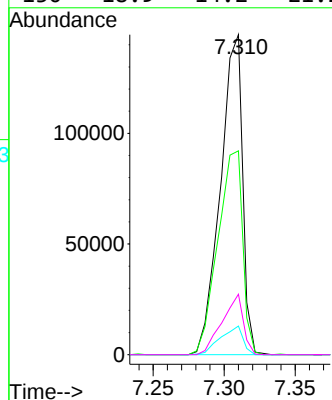
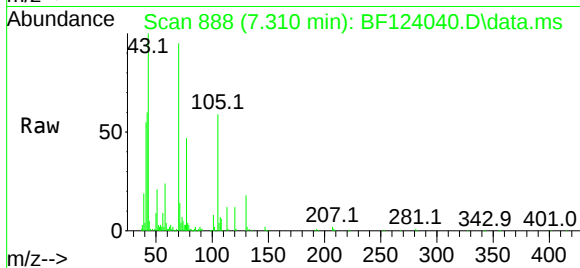
#19

n-Nitroso-di-n-propylamine
Concen: 45.28 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Instrument :
BNA_F
ClientSampleId :
359MSD

Tgt Ion: 70 Resp: 156705

Ion	Ratio	Lower	Upper
70	100		
42	63.7	60.1	90.1
101	9.0	7.4	11.2
130	18.9	14.2	21.2

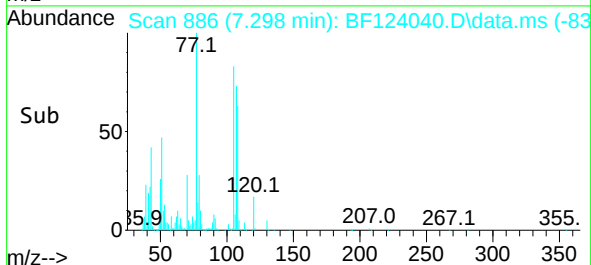
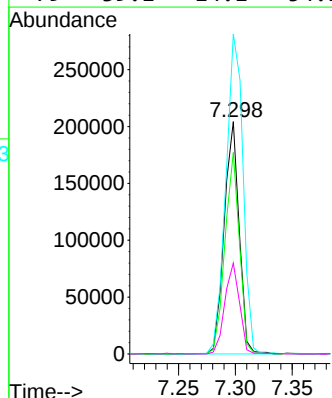
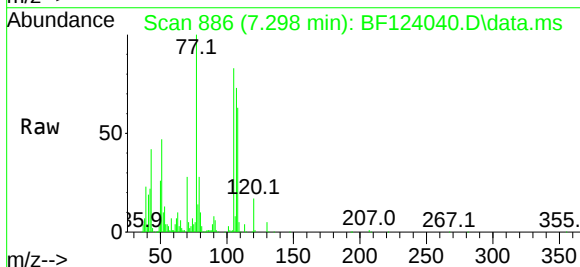


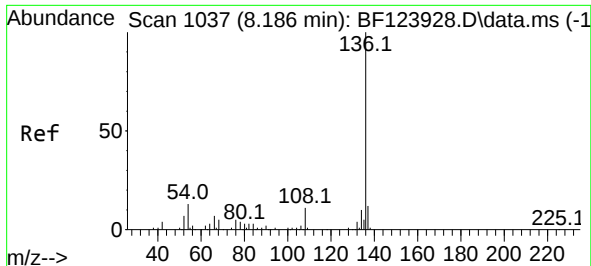
#20

3+4-Methylphenols
Concen: 42.72 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 107 Resp: 187473

Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.5	111.5
77	137.7	82.0	122.0#
79	39.1	14.1	54.1

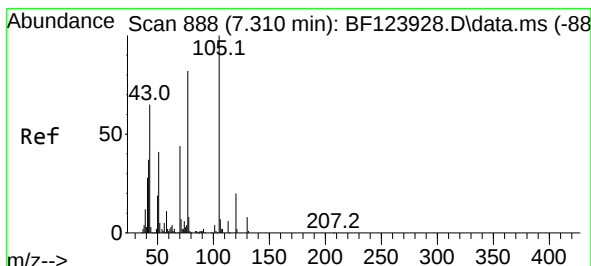
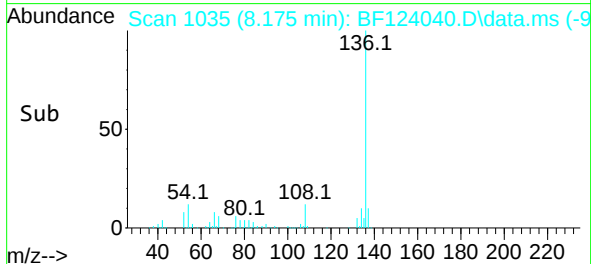
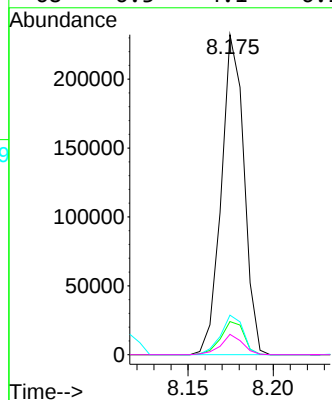
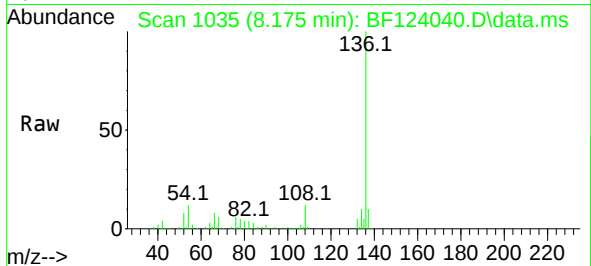




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

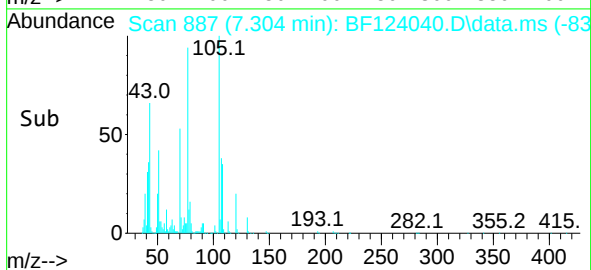
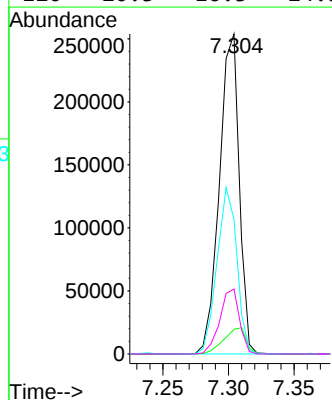
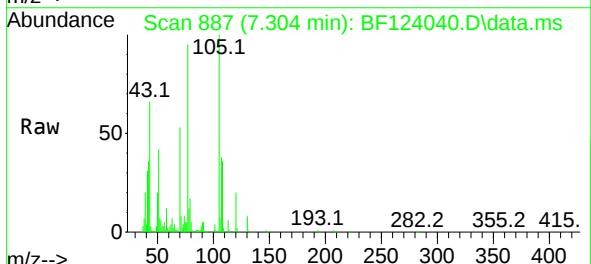
Instrument :
BNA_F
ClientSampleId :
359MSD

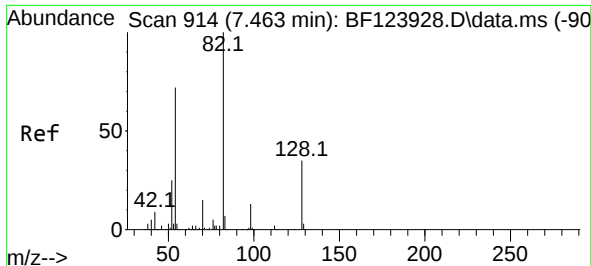
Tgt Ion:136	Resp: 214910
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 12.3	9.8 14.6
68 6.3	4.1 6.1#



#22
Acetophenone
Concen: 43.65 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:105	Resp: 266390
Ion Ratio	Lower Upper
105 100	
71 7.7	4.2 6.4#
51 42.1	33.6 50.4
120 20.3	16.3 24.5





#23

Nitrobenzene-d5

Concen: 59.95 ng

RT: 7.457 min Scan# 913

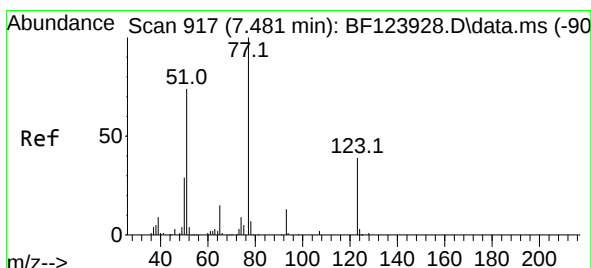
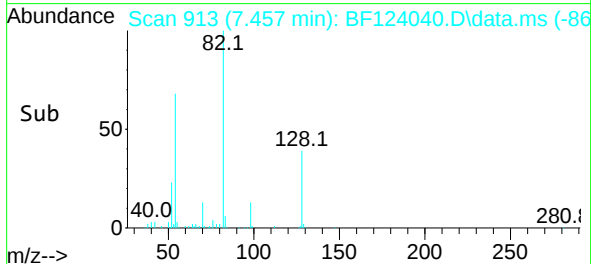
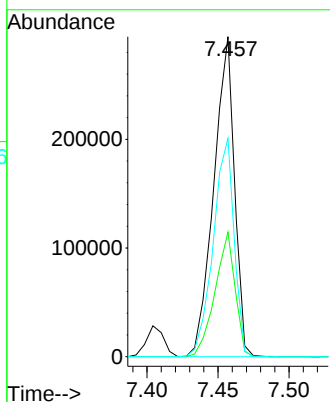
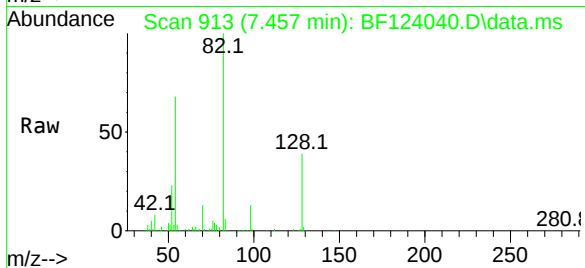
Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion: 82 Resp: 299012

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.4	44.2
54	68.3	54.1	81.1



#24

Nitrobenzene

Concen: 41.41 ng

RT: 7.475 min Scan# 916

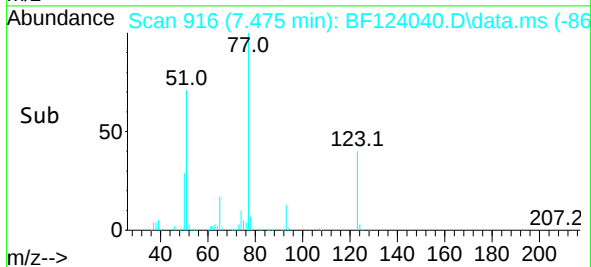
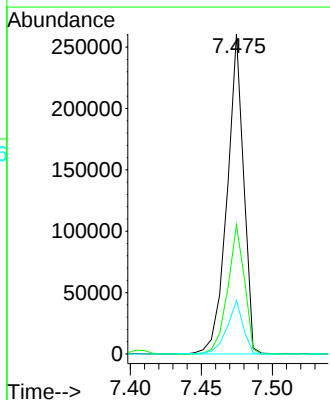
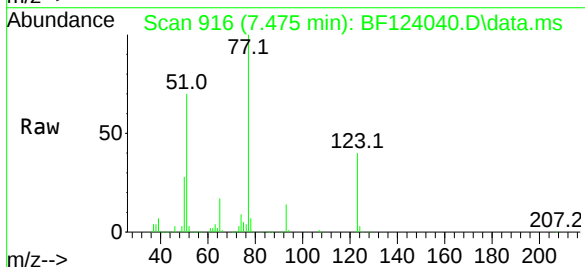
Delta R.T. -0.006 min

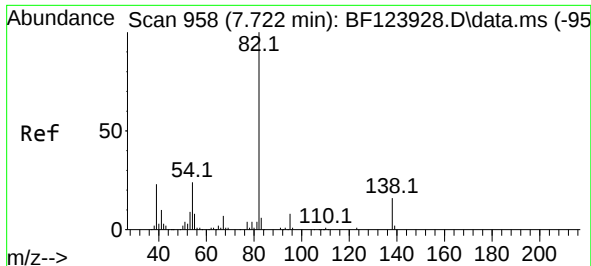
Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion: 77 Resp: 211195

Ion	Ratio	Lower	Upper
77	100		
123	40.4	34.5	51.7
65	16.8	12.2	18.2

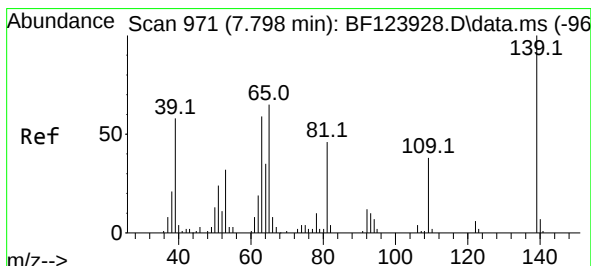
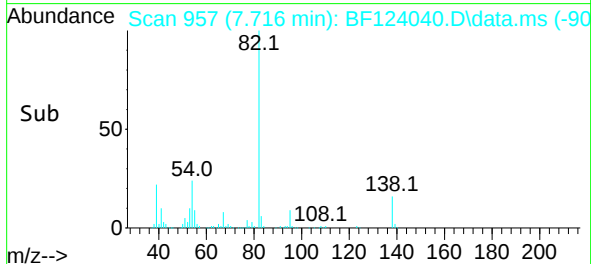
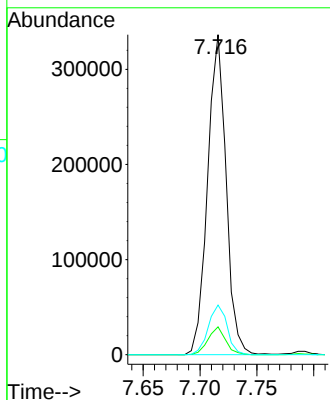
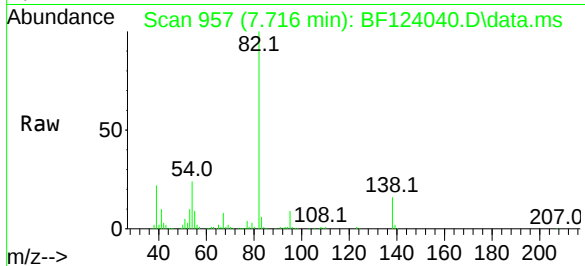




#25
Isophorone
Concen: 39.68 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

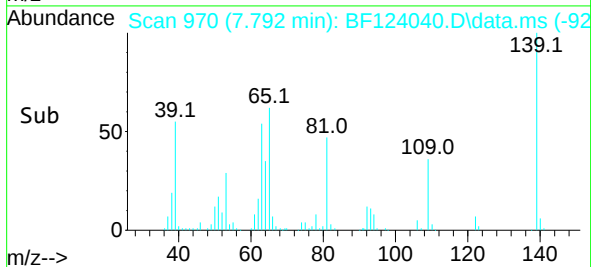
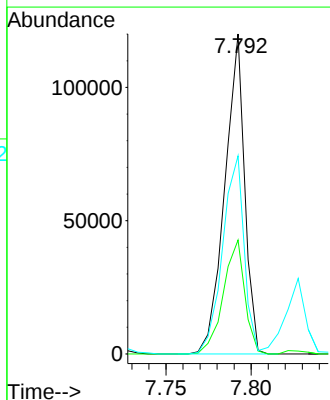
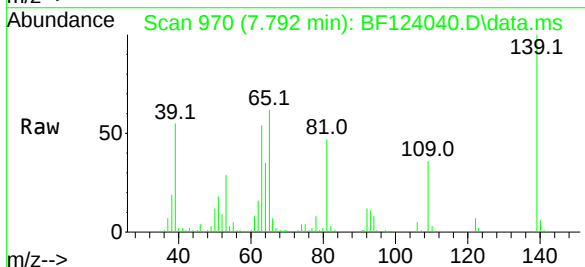
Instrument :
BNA_F
ClientSampleId :
359MSD

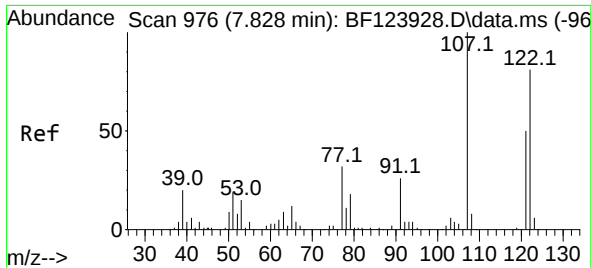
Tgt Ion: 82 Resp: 380754
Ion Ratio Lower Upper
82 100
95 8.7 5.8 8.6#
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 50.78 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 139 Resp: 97415
Ion Ratio Lower Upper
139 100
109 35.6 28.6 43.0
65 61.9 56.8 85.2

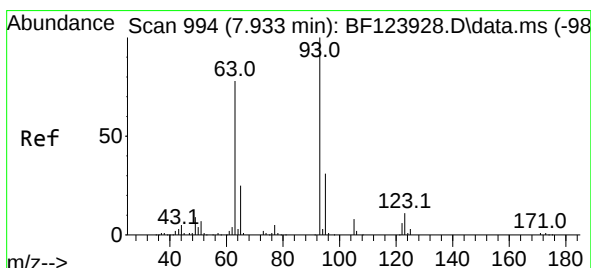
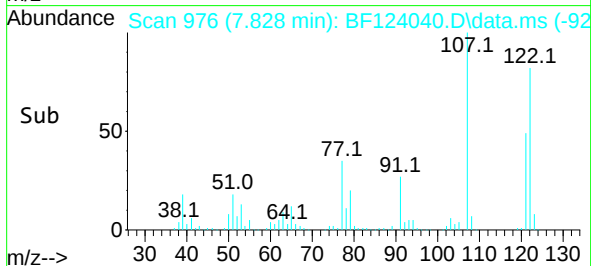
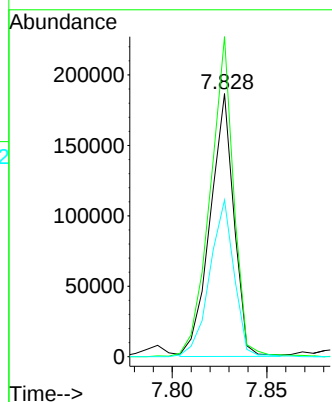
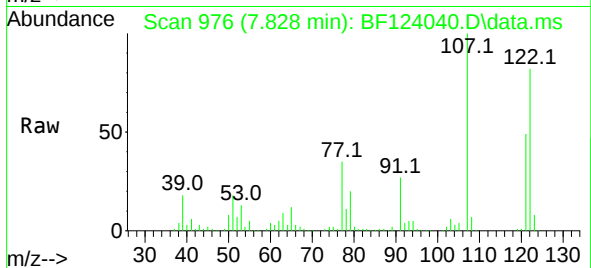




#27
2,4-Dimethylphenol
Concen: 44.40 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

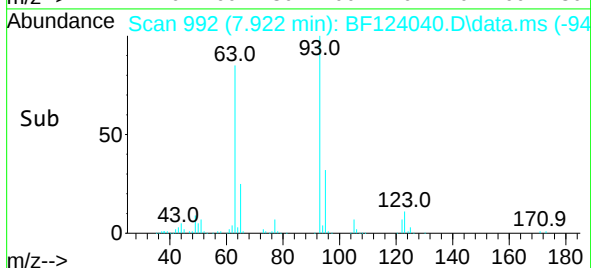
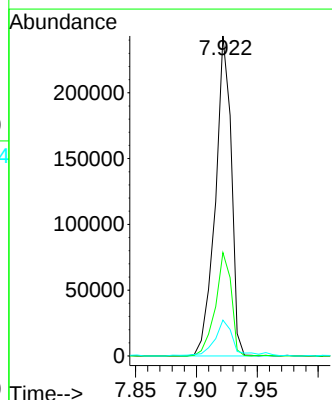
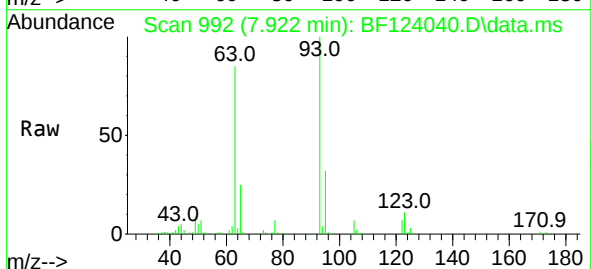
Instrument :
BNA_F
ClientSampled :
359MSD

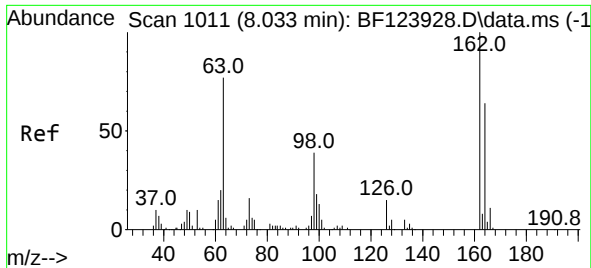
Tgt Ion:122 Resp: 163100
Ion Ratio Lower Upper
122 100
107 121.7 106.3 159.5
121 59.5 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.73 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 93 Resp: 220641
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.2 8.4 12.6

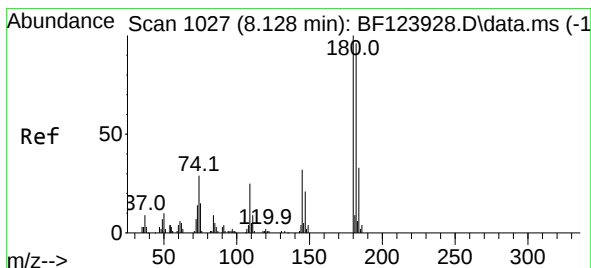
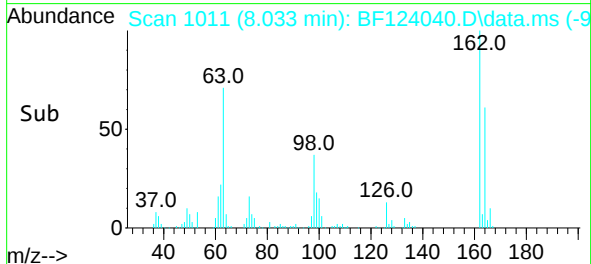
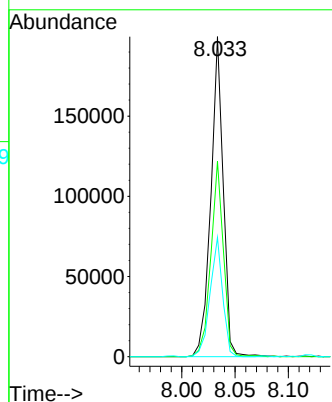
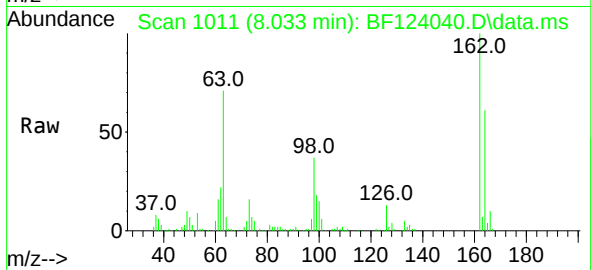




#29
2,4-Dichlorophenol
Concen: 43.54 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

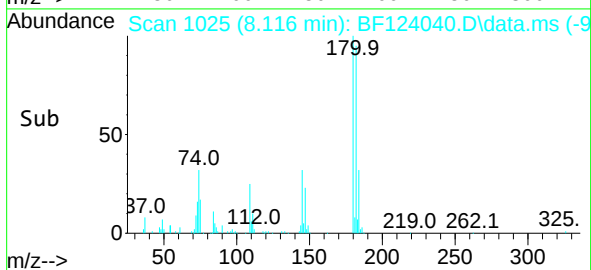
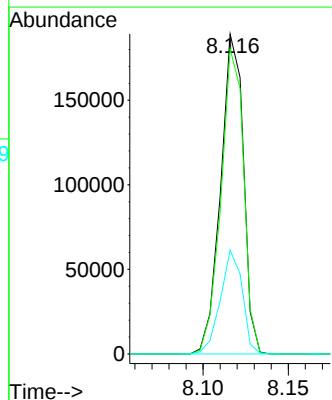
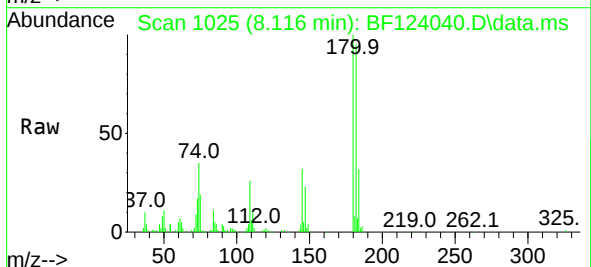
Instrument :
BNA_F
ClientSampleId :
359MSD

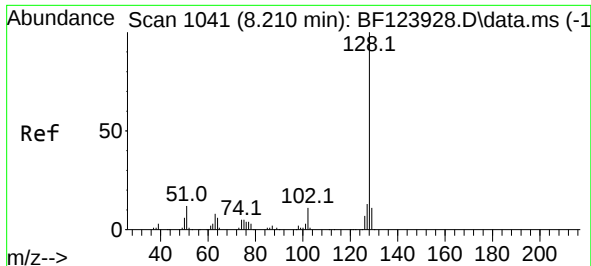
Tgt Ion:162 Resp: 161899
Ion Ratio Lower Upper
162 100
164 61.0 44.1 84.1
98 37.2 27.3 67.3



#30
1,2,4-Trichlorobenzene
Concen: 42.05 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:180 Resp: 175779
Ion Ratio Lower Upper
180 100
182 95.3 77.2 115.8
145 32.4 26.0 39.0

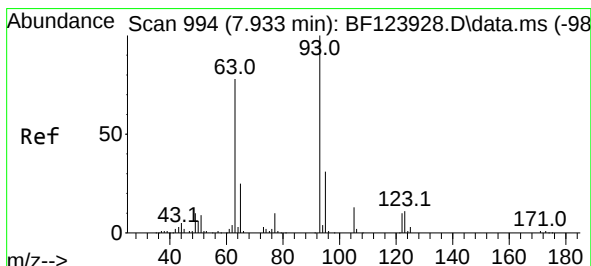
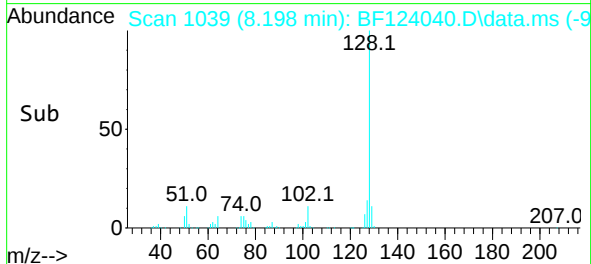
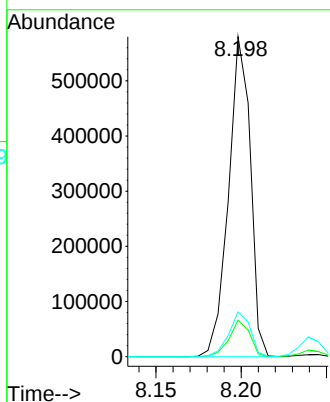
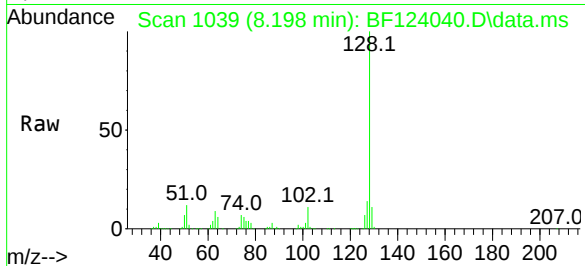




#31
Naphthalene
Concen: 40.57 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

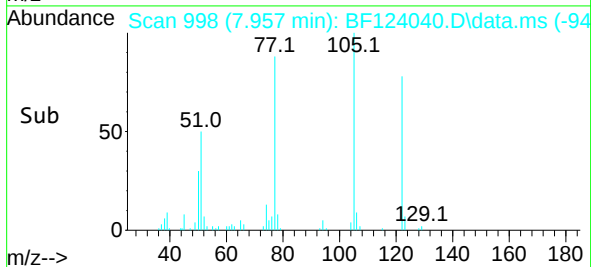
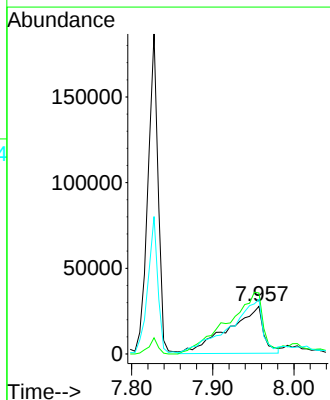
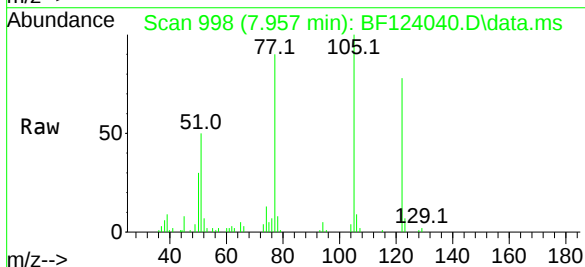
Instrument :
BNA_F
ClientSampleId :
359MSD

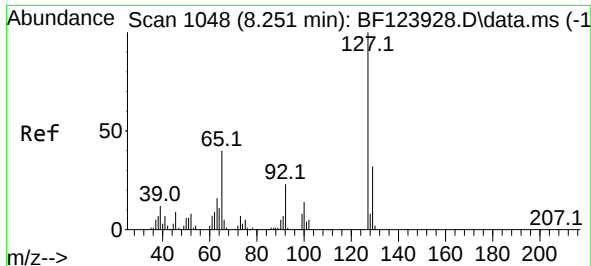
Tgt Ion:128 Resp: 516048
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 41.31 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

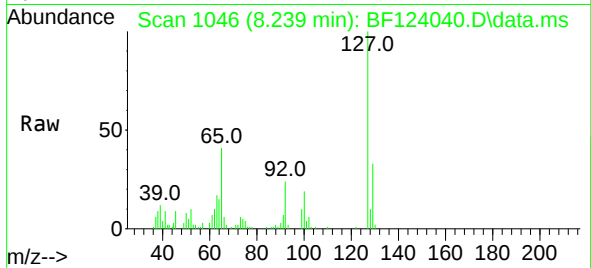
Tgt Ion:122 Resp: 83298
Ion Ratio Lower Upper
122 100
105 127.8 107.8 147.8
77 114.7 81.6 121.6



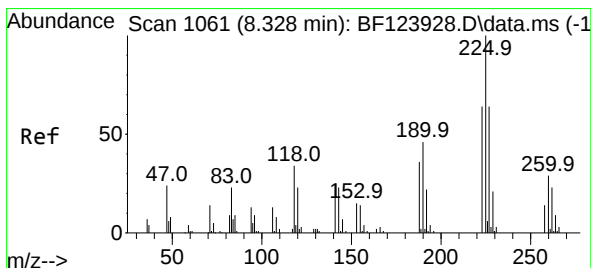
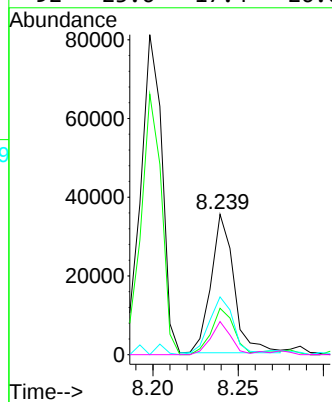
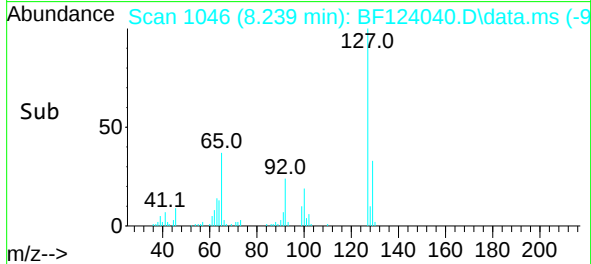


#33
4-Chloroaniline
Concen: 6.83 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

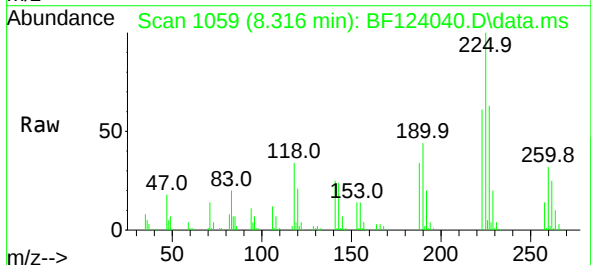
Instrument :
BNA_F
ClientSampled :
359MSD



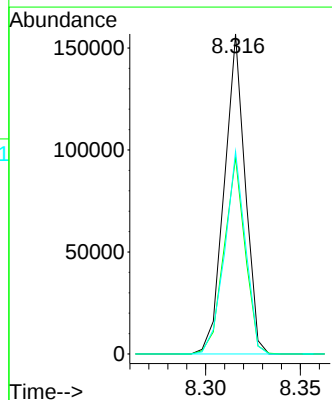
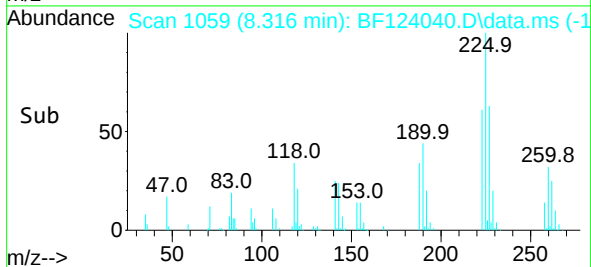
Tgt Ion:	127	Resp:	33081
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.7	38.5
65	41.1	34.5	51.7
92	23.6	17.4	26.0

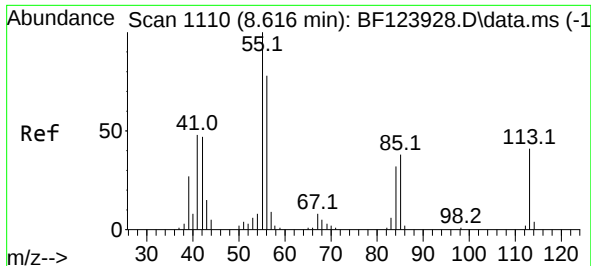


#34
Hexachlorobutadiene
Concen: 43.76 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38



Tgt Ion:	225	Resp:	119777
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.4	75.6
227	63.3	51.4	77.0

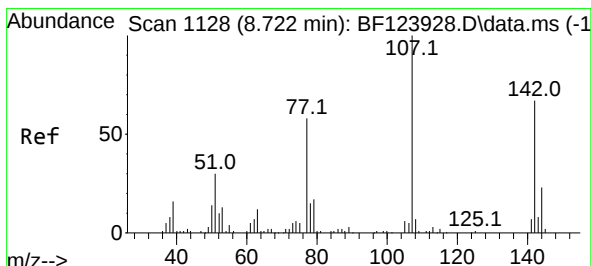
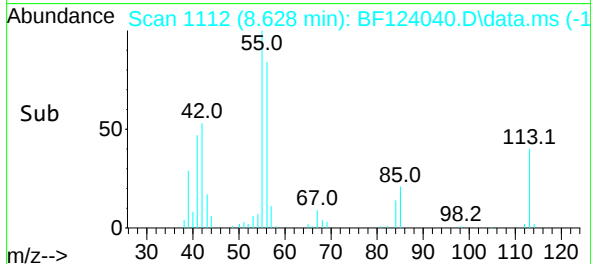
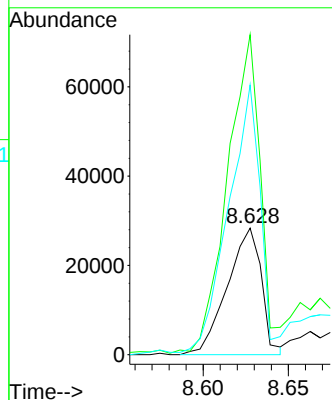
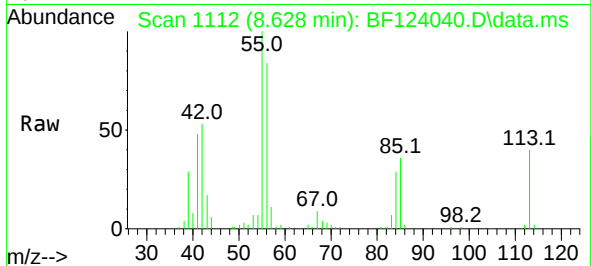




#35
Caprolactam
Concen: 39.01 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

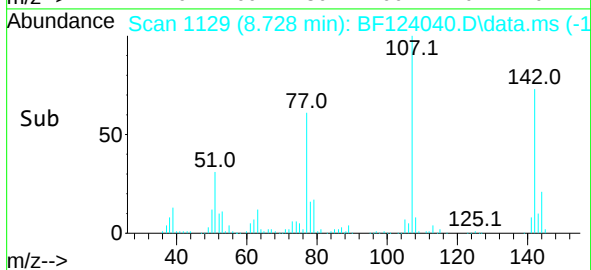
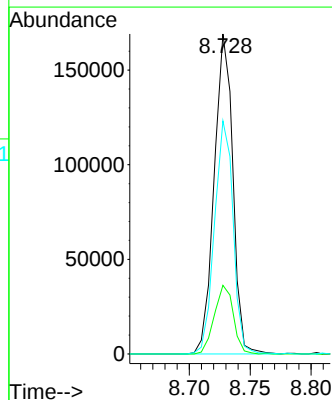
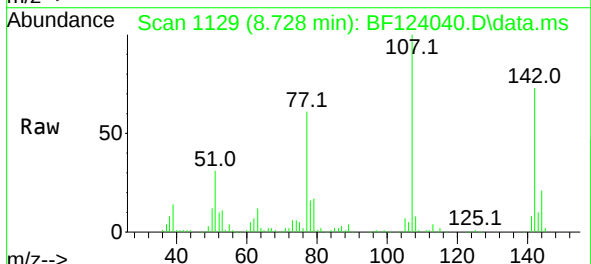
Instrument :
BNA_F
ClientSampleId :
359MSD

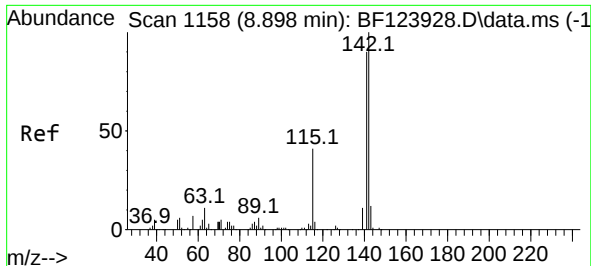
Tgt Ion:113 Resp: 39497
Ion Ratio Lower Upper
113 100
55 252.8 254.9 294.9#
56 213.1 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 44.34 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:107 Resp: 180309
Ion Ratio Lower Upper
107 100
144 21.4 16.3 24.5
142 72.9 50.1 75.1

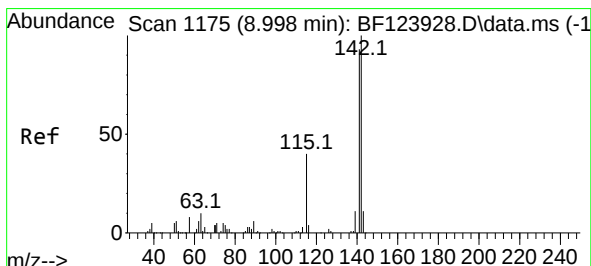
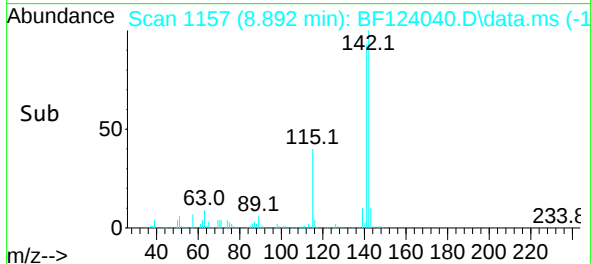
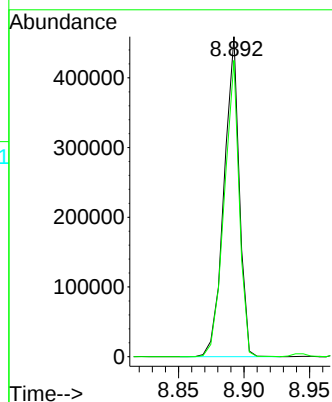
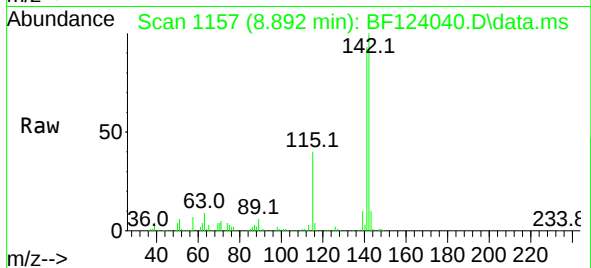




#37
2-Methylnaphthalene
Concen: 43.01 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

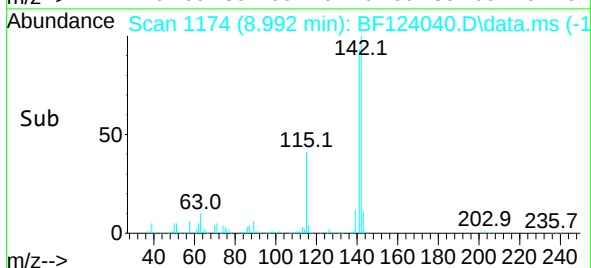
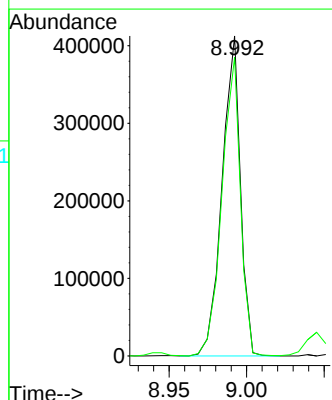
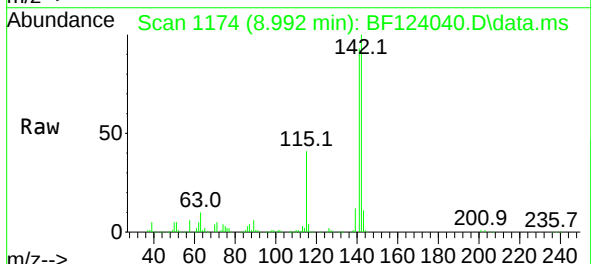
Instrument :
BNA_F
ClientSampleId :
359MSD

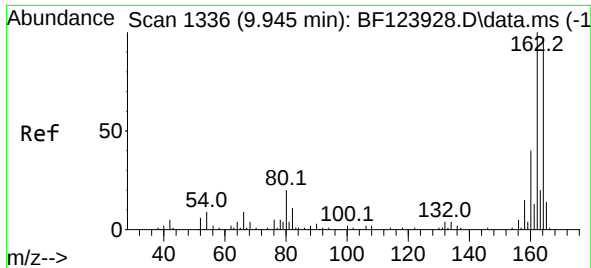
Tgt Ion:142 Resp: 370770
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.6



#38
1-Methylnaphthalene
Concen: 42.20 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:142 Resp: 339500
Ion Ratio Lower Upper
142 100
141 93.4 72.8 109.2

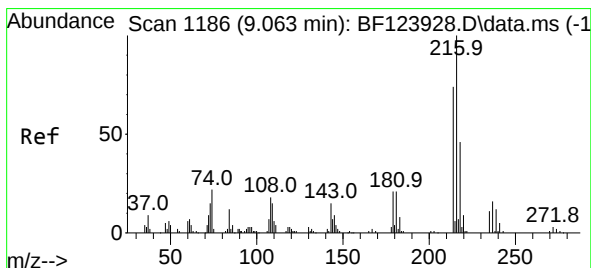
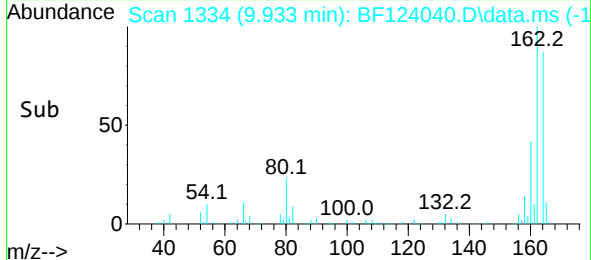
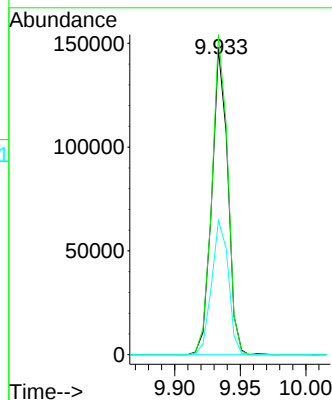
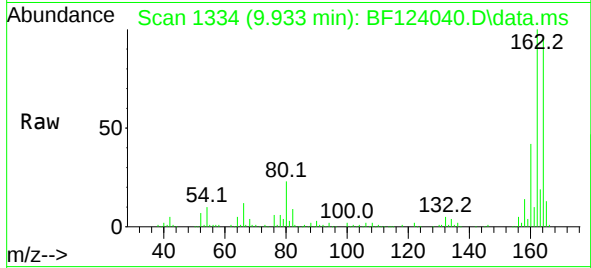




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

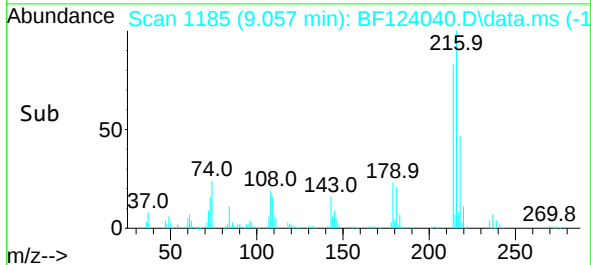
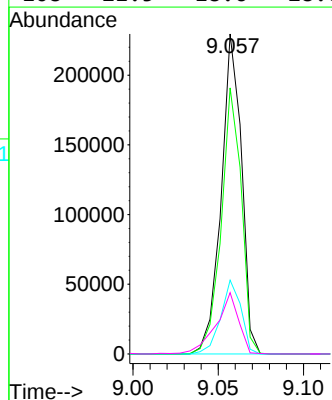
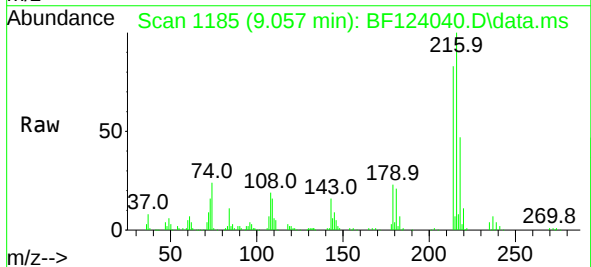
Instrument :
BNA_F
ClientSampleId :
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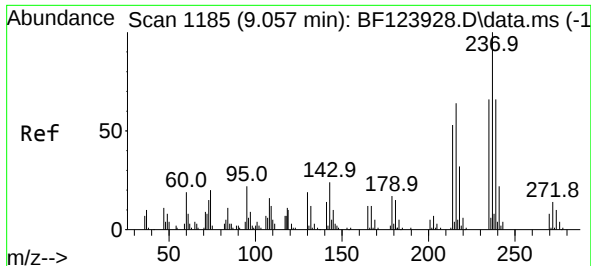
Tgt Ion:164 Resp: 124847
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 43.9 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.19 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:216 Resp: 189979
Ion Ratio Lower Upper
216 100
214 82.1 63.8 95.8
179 23.2 17.9 26.9
108 21.5 18.6 28.0

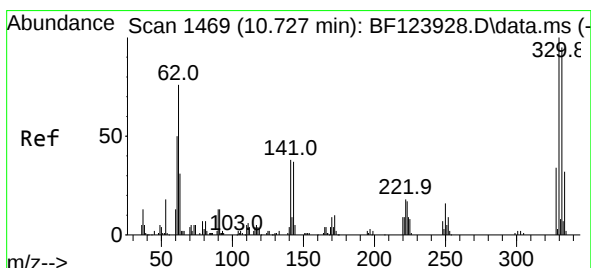
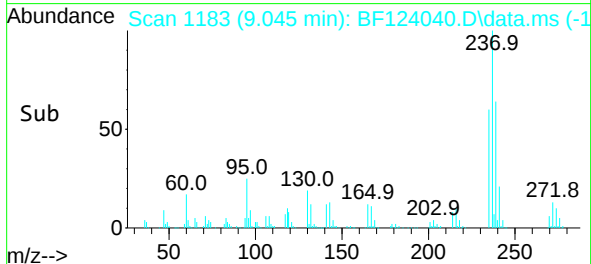
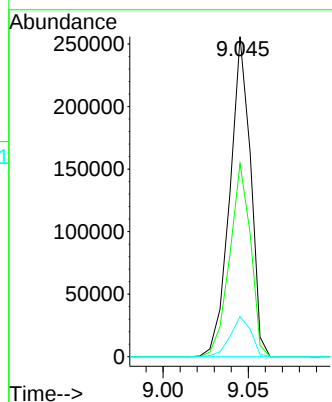
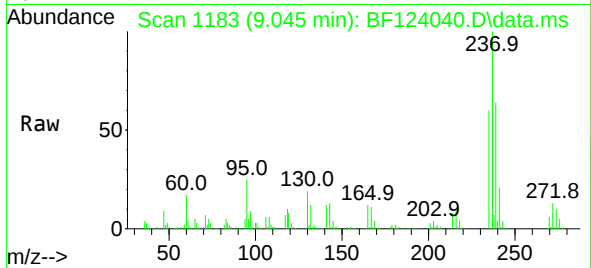




#41
Hexachlorocyclopentadiene
Concen: 75.25 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

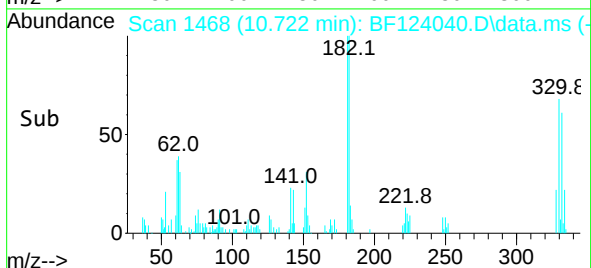
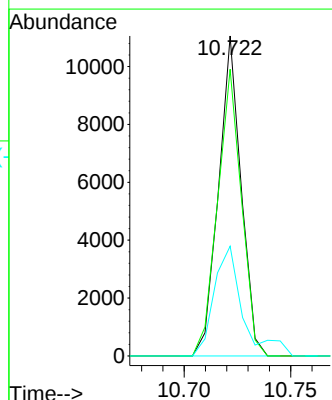
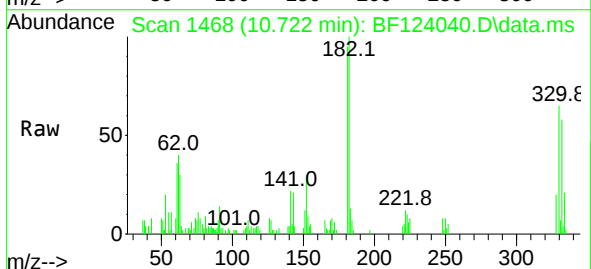
Instrument :
BNA_F
ClientSampled :
359MSD

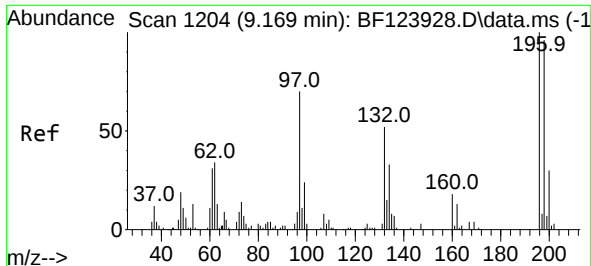
Tgt Ion:237 Resp: 215528
Ion Ratio Lower Upper
237 100
235 60.4 38.8 78.8
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 5.41 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:330 Resp: 8110
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 0.0 27.9 41.9#

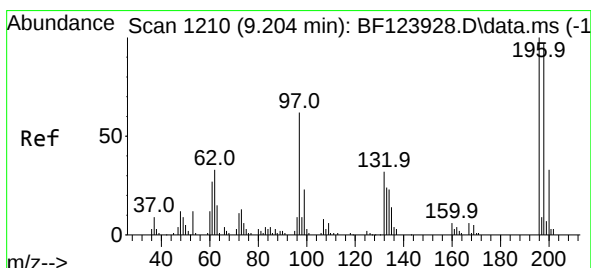
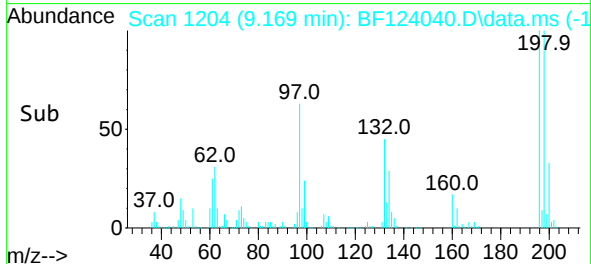
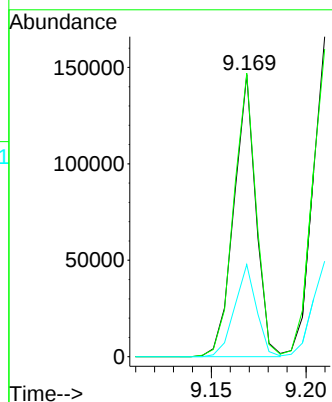
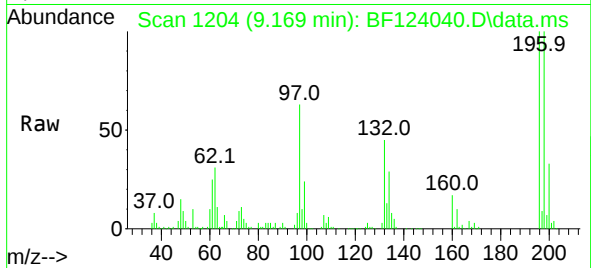




#43
2,4,6-Trichlorophenol
Concen: 40.40 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

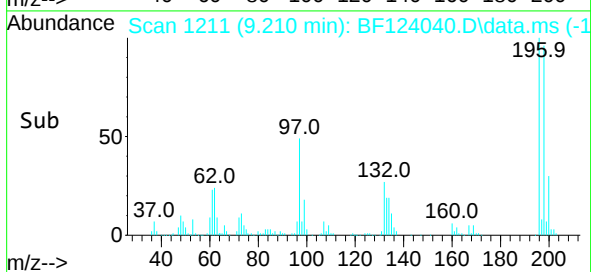
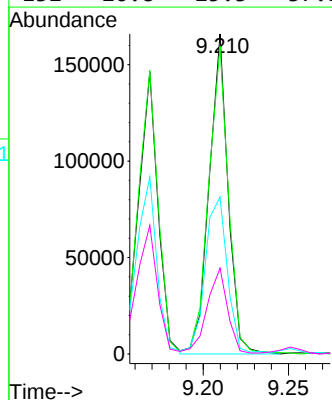
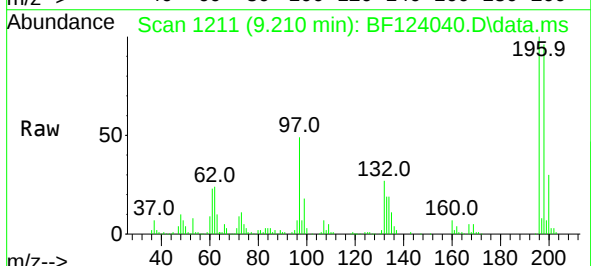
Instrument :
BNA_F
ClientSampled :
359MSD

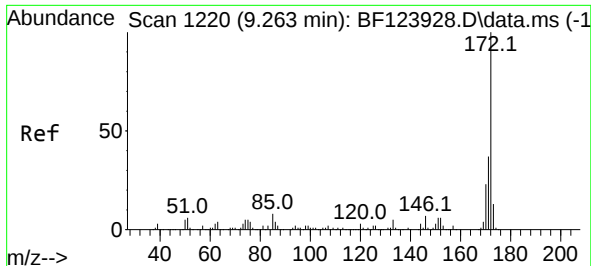
Tgt Ion:196 Resp: 118036
Ion Ratio Lower Upper
196 100
198 100.5 78.2 117.2
200 32.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 42.19 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:196 Resp: 128044
Ion Ratio Lower Upper
196 100
198 96.1 76.5 114.7
97 49.1 52.9 79.3#
132 26.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 55.78 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

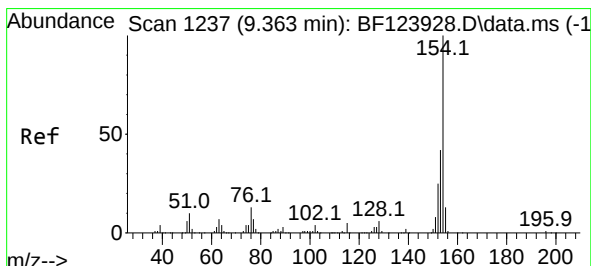
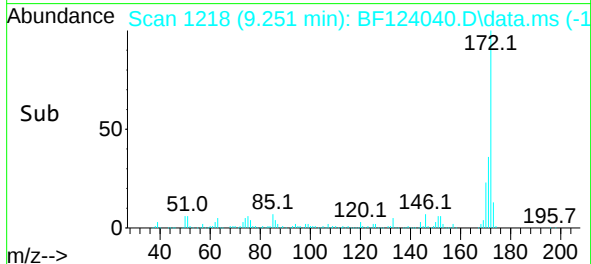
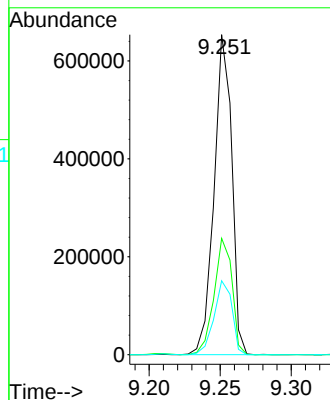
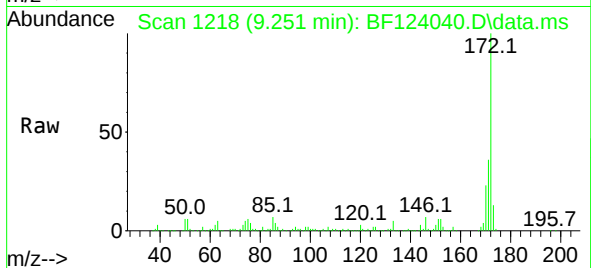
Instrument :

BNA_F

ClientSampleId :

359MSD

Tgt Ion:172	Resp: 565858
Ion Ratio	Lower Upper
172	100
171	36.3 28.1 42.1
170	23.1 19.2 28.8



#46

1,1'-Biphenyl

Concen: 42.89 ng

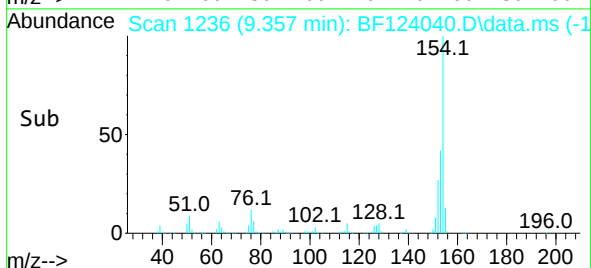
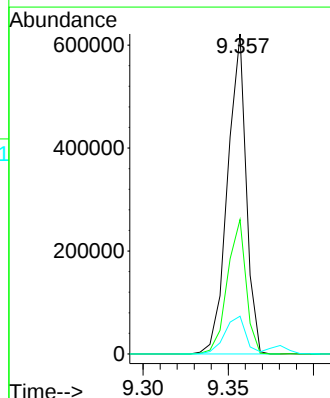
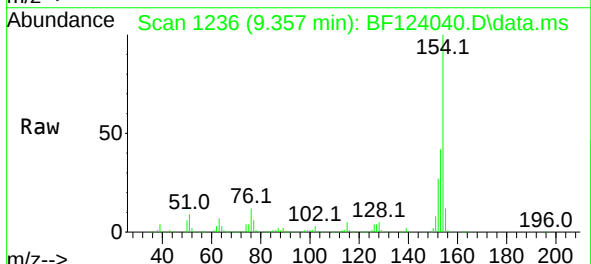
RT: 9.357 min Scan# 1236

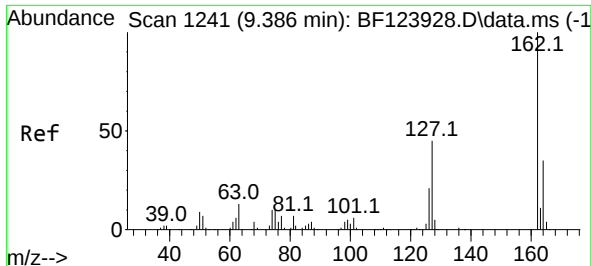
Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion:154	Resp: 471665
Ion Ratio	Lower Upper
154	100
153	42.0 20.7 60.7
76	11.8 0.0 31.7

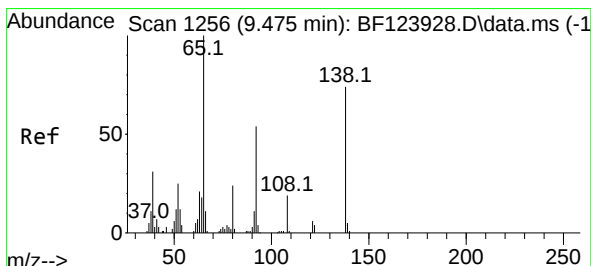
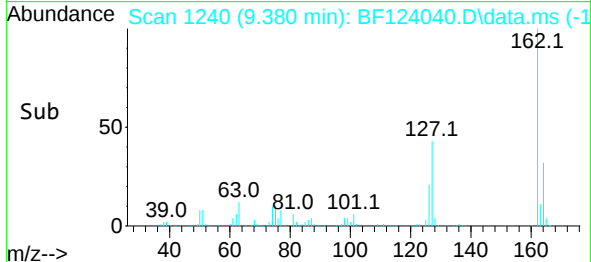
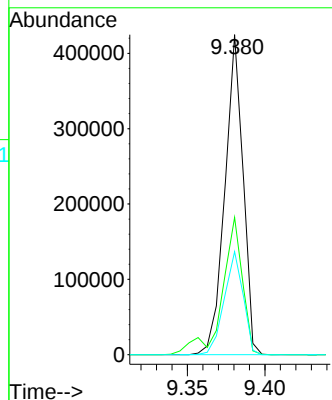
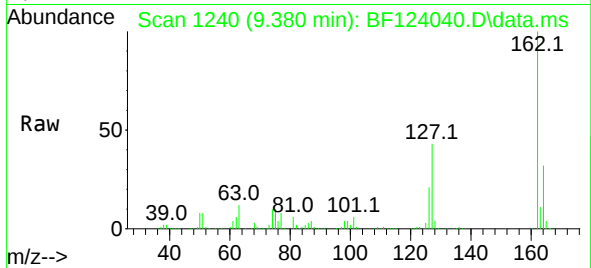




#47
2-Chloronaphthalene
Concen: 39.55 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

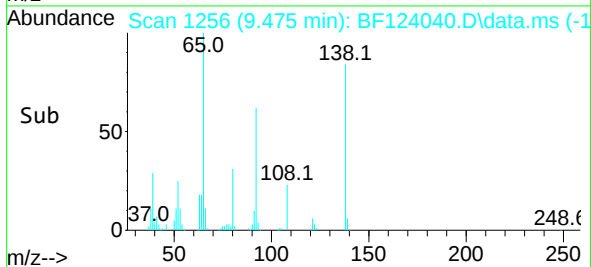
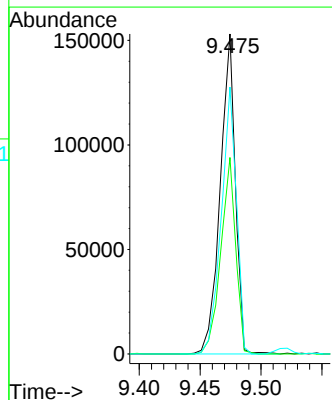
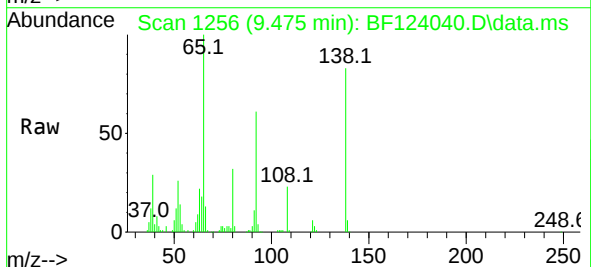
Instrument :
BNA_F
ClientSampleId :
359MSD

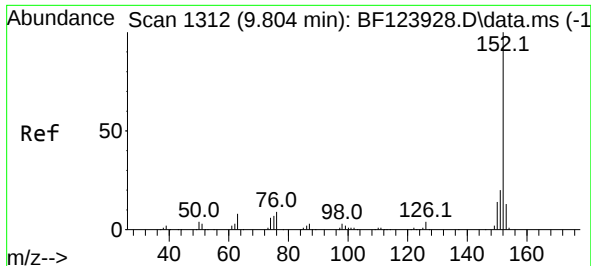
Tgt Ion:162 Resp: 345461
Ion Ratio Lower Upper
162 100
127 42.9 36.2 54.2
164 32.2 25.4 38.2



#48
2-Nitroaniline
Concen: 44.98 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion: 65 Resp: 132667
Ion Ratio Lower Upper
65 100
92 61.4 47.1 70.7
138 83.4 70.2 105.2





#49

Acenaphthylene

Concen: 42.94 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Instrument :

BNA_F

ClientSampleId :

359MSD

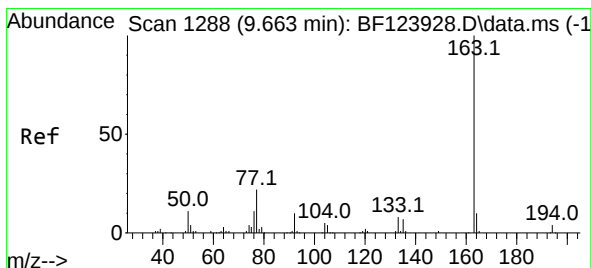
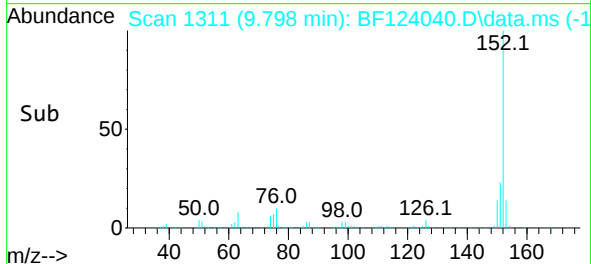
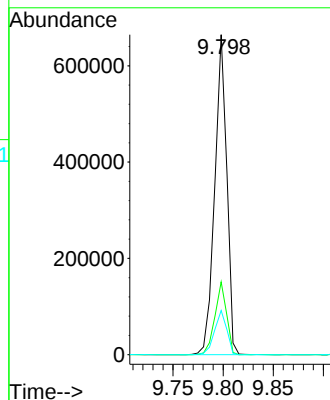
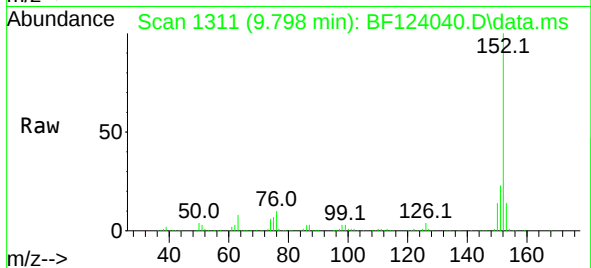
Tgt Ion:152 Resp: 554097

Ion Ratio Lower Upper

152 100

151 22.7 16.0 24.0

153 13.8 10.4 15.6



#50

Dimethylphthalate

Concen: 52.05 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

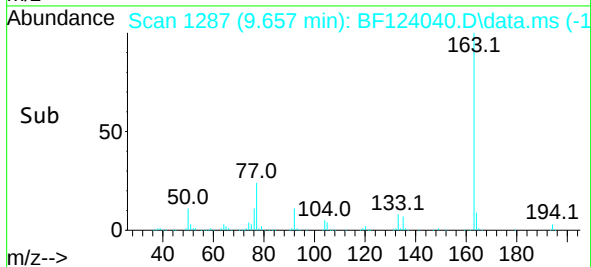
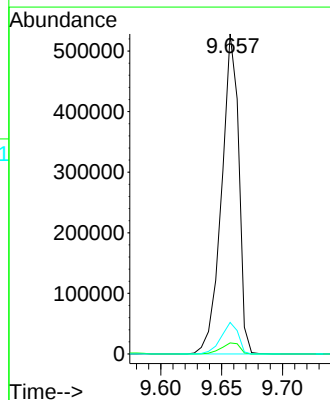
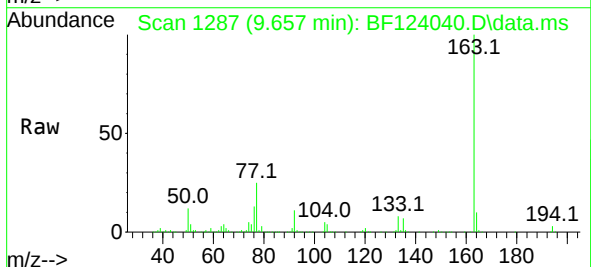
Tgt Ion:163 Resp: 518873

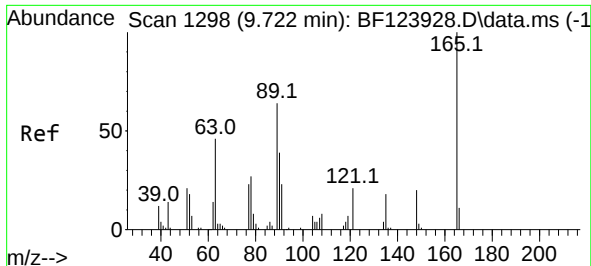
Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

164 9.9 8.2 12.2

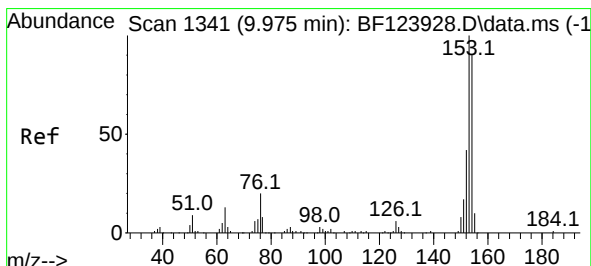
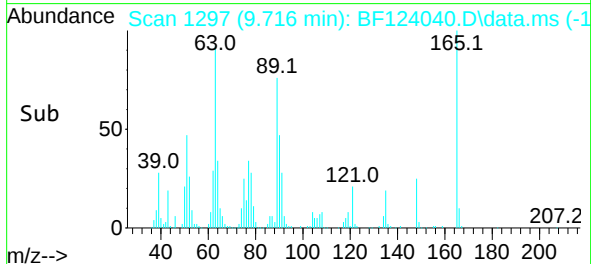
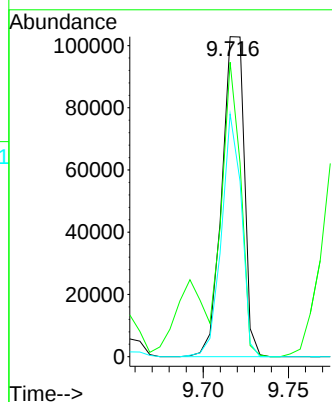
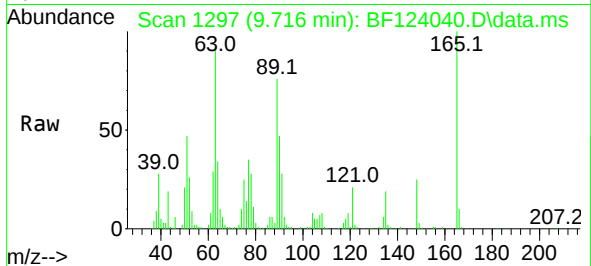




#51
2,6-Dinitrotoluene
Concen: 46.73 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

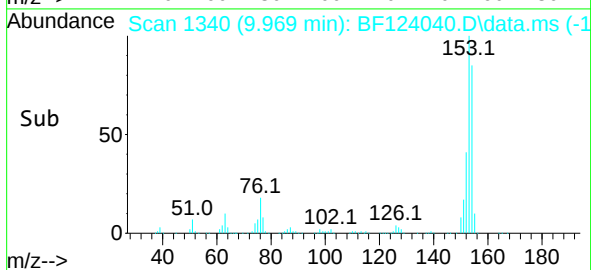
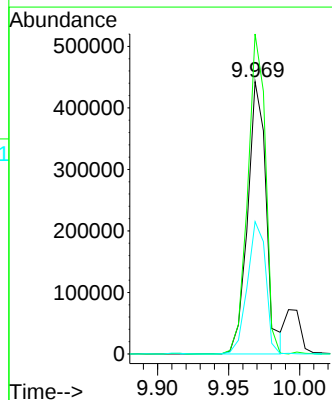
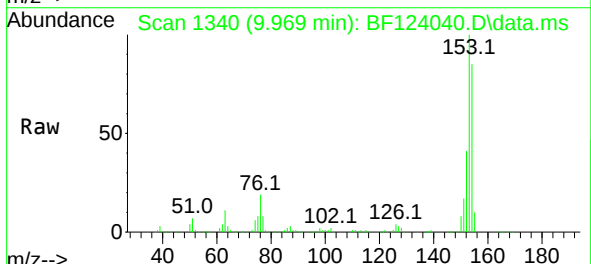
Instrument :
BNA_F
ClientSampled :
359MSD

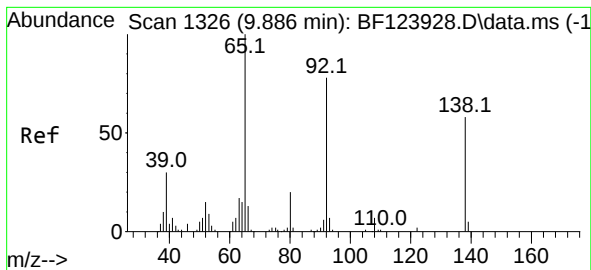
Tgt Ion:165 Resp: 94207
Ion Ratio Lower Upper
165 100
63 92.0 67.7 101.5
89 75.9 58.8 88.2



#52
Acenaphthene
Concen: 45.34 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:154 Resp: 400503
Ion Ratio Lower Upper
154 100
153 117.5 88.1 132.1
152 48.6 43.4 65.0

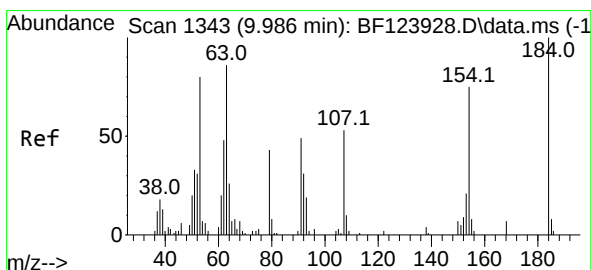
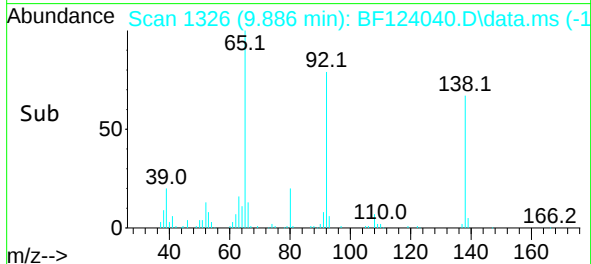
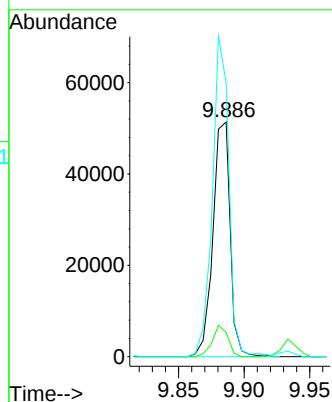
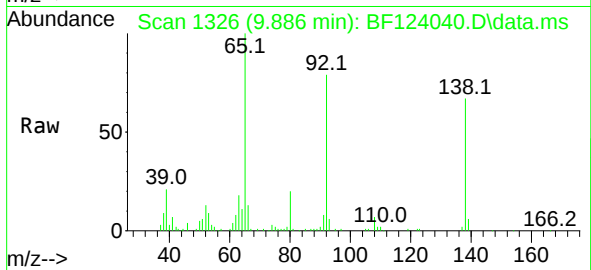




#53
3-Nitroaniline
Concen: 23.47 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

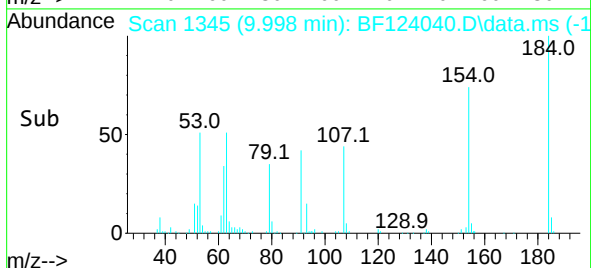
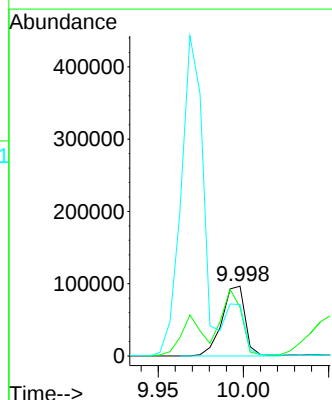
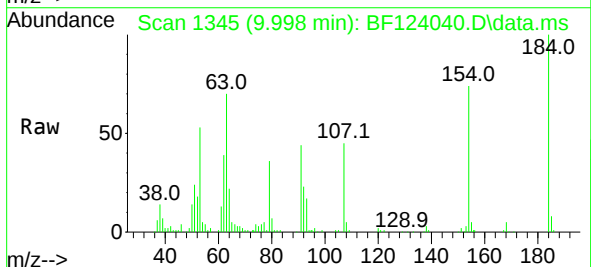
Instrument :
BNA_F
ClientSampled :
359MSD

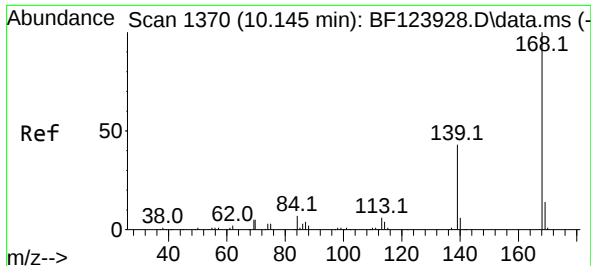
Tgt Ion:138 Resp: 47030
Ion Ratio Lower Upper
138 100
108 10.3 10.2 15.4
92 116.8 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 83.84 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:184 Resp: 91281
Ion Ratio Lower Upper
184 100
63 69.9 73.5 110.3#
154 73.6 52.5 78.7

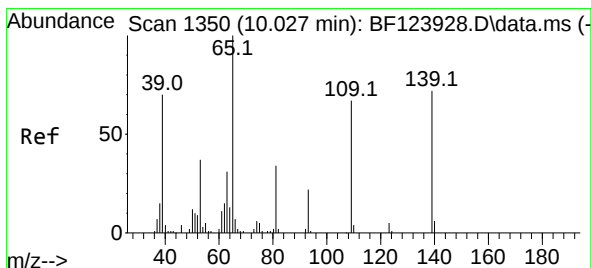
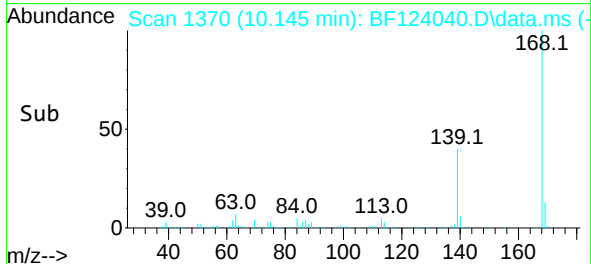
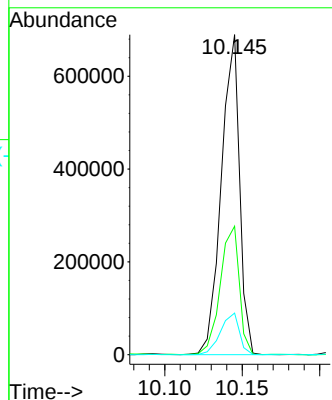
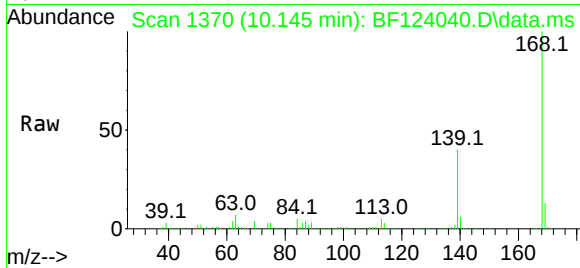




#55
Dibenzenofuran
Concen: 44.45 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

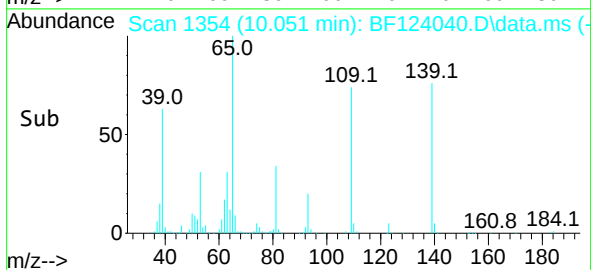
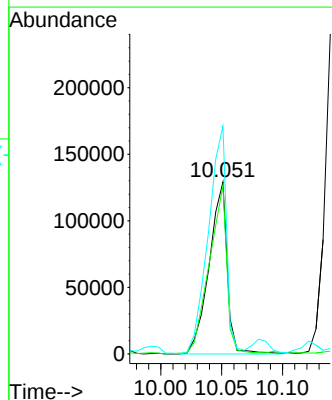
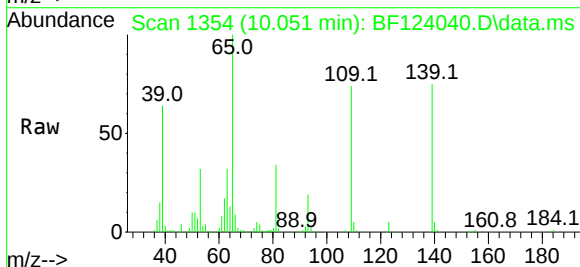
Instrument :
BNA_F
ClientSampleId :
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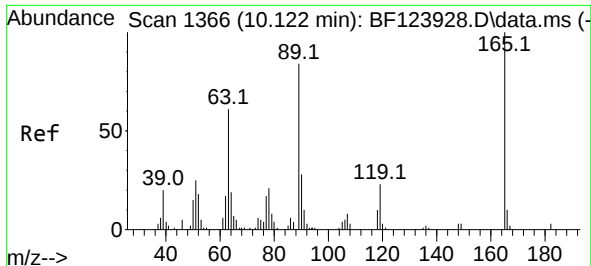
Tgt Ion:168 Resp: 563984
Ion Ratio Lower Upper
168 100
139 40.1 33.2 49.8
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 80.26 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.024 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:139 Resp: 133015
Ion Ratio Lower Upper
139 100
109 98.1 63.2 103.2
65 132.5 110.0 150.0

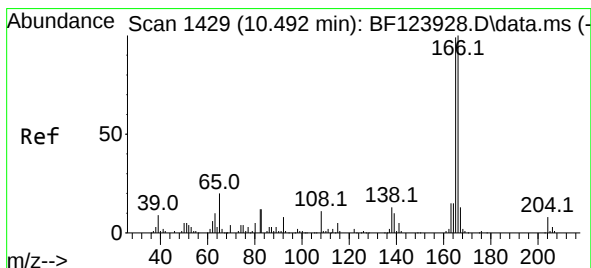
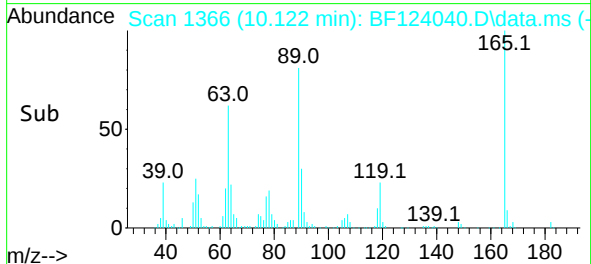
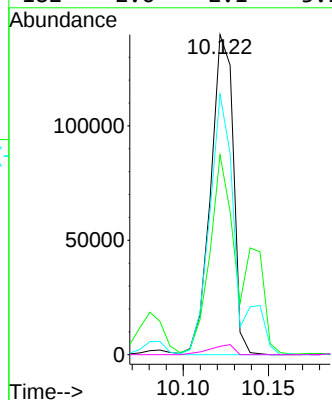
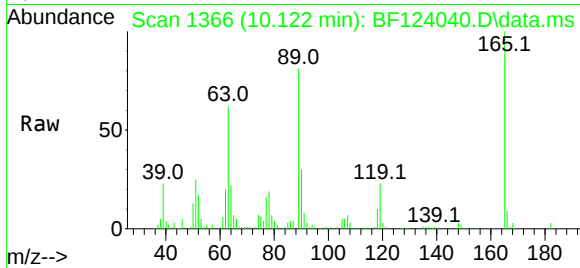




#57
2,4-Dinitrotoluene
Concen: 52.12 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

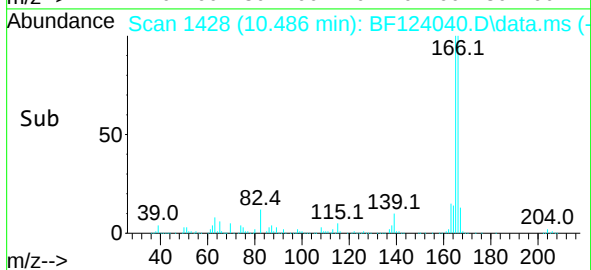
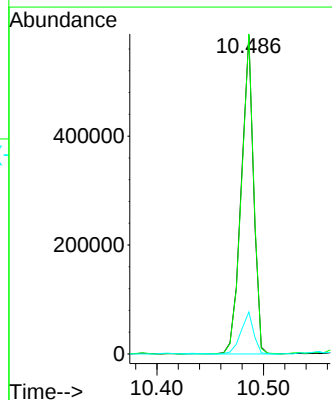
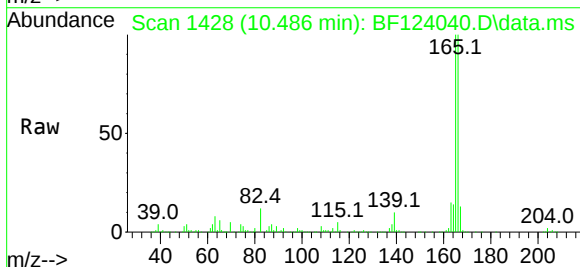
Instrument :
BNA_F
ClientSampled :
359MSD

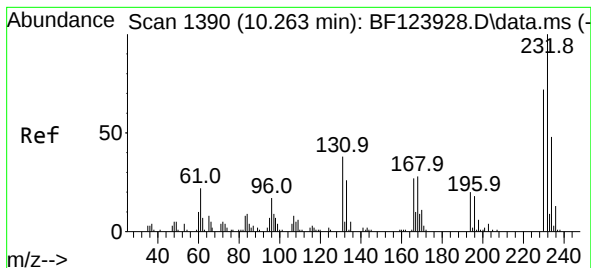
Tgt Ion:	165	Resp:	128886
Ion	Ratio	Lower	Upper
165	100		
63	62.4	43.5	65.3
89	81.4	67.7	101.5
182	2.6	2.1	3.1



#58
Fluorene
Concen: 49.39 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:	166	Resp:	472169
Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.5	110.3
167	13.2	10.7	16.1

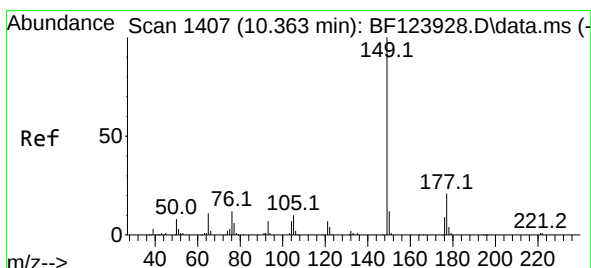
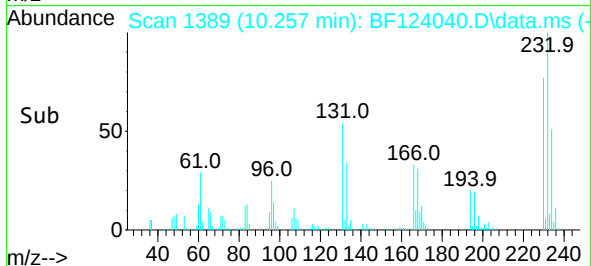
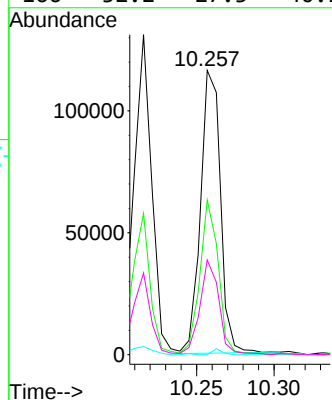
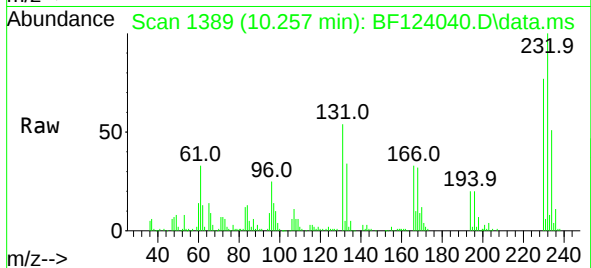




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.36 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

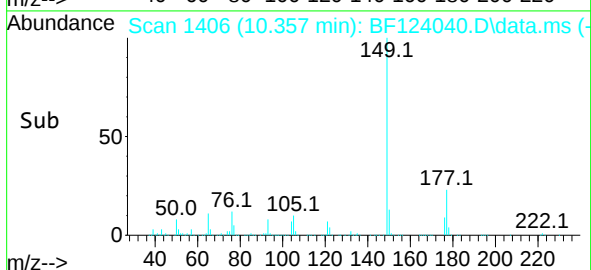
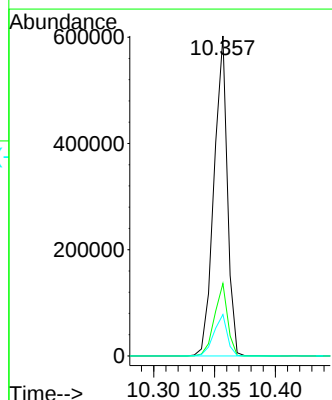
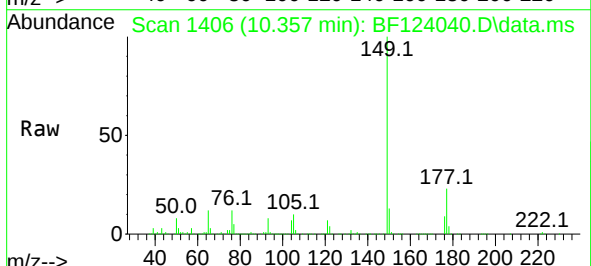
Instrument :
BNA_F
ClientSampleId :
359MSD

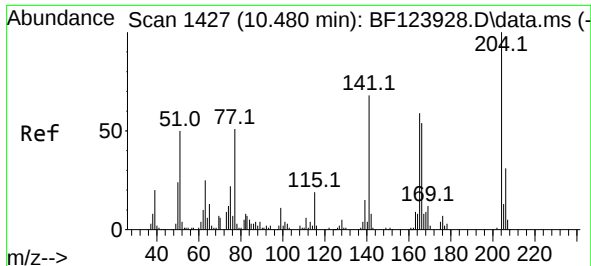
Tgt Ion:232 Resp: 103240
Ion Ratio Lower Upper
232 100
131 51.7 43.2 64.8
130 1.1 2.2 3.2#
166 32.2 27.3 40.9



#60
Diethylphthalate
Concen: 46.36 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:149 Resp: 457738
Ion Ratio Lower Upper
149 100
177 22.6 15.4 23.2
150 13.0 9.9 14.9

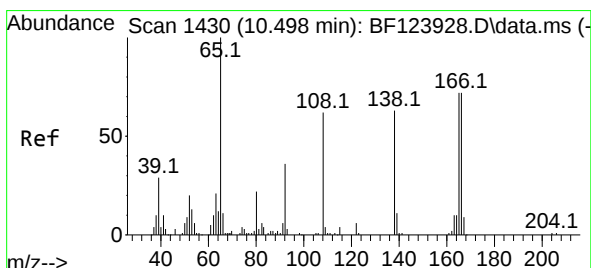
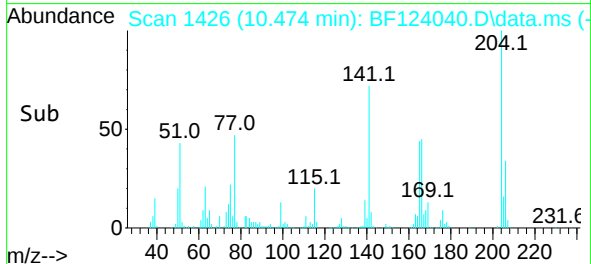
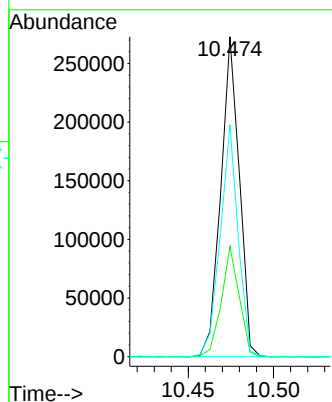
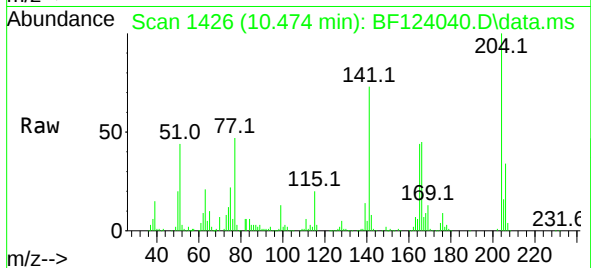




#61
4-Chlorophenyl-phenylether
Concen: 43.05 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

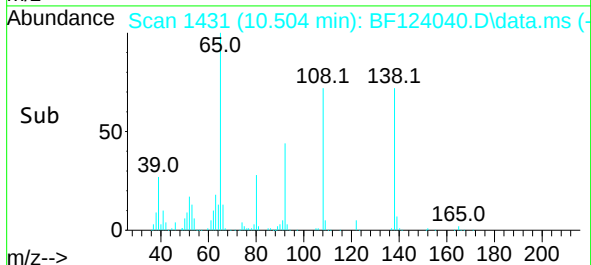
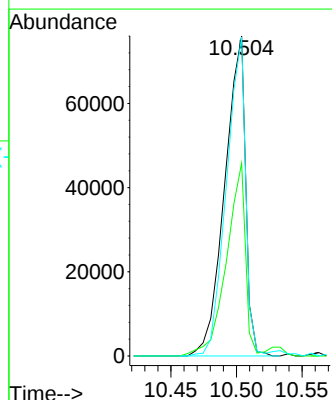
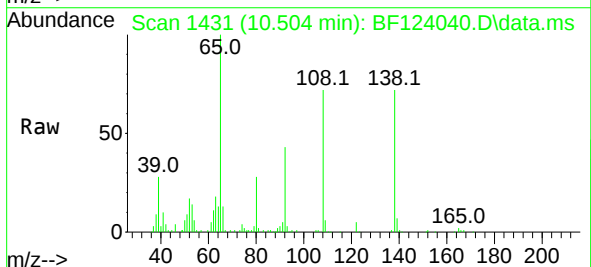
Instrument :
BNA_F
ClientSampleId :
359MSD

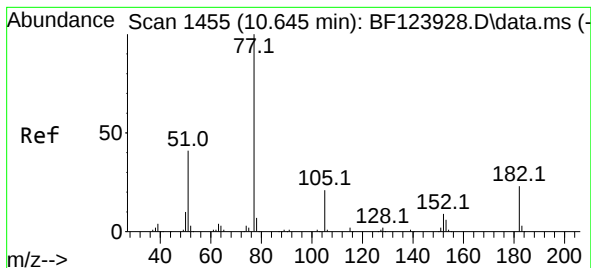
Tgt Ion:204 Resp: 206272
Ion Ratio Lower Upper
204 100
206 34.5 25.7 38.5
141 72.5 55.5 83.3



#62
4-Nitroaniline
Concen: 42.00 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:138 Resp: 83704
Ion Ratio Lower Upper
138 100
92 60.2 35.8 75.8
108 99.6 63.6 103.6





#63

Azobenzene

Concen: 40.88 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion: 77 Resp: 448879

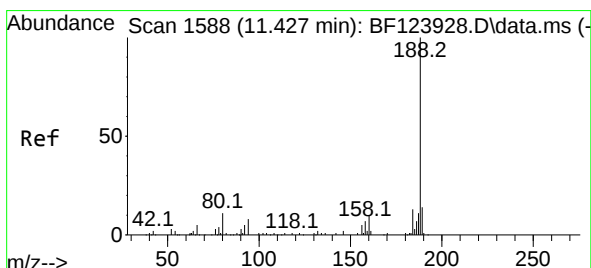
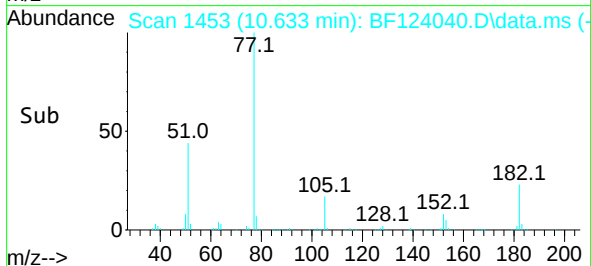
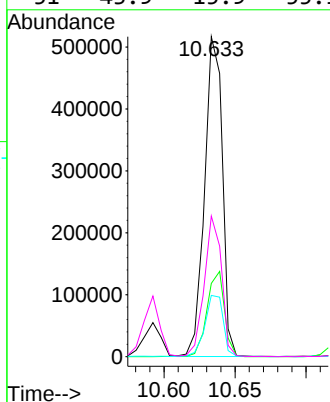
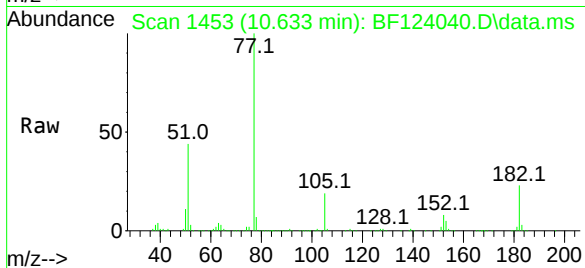
Ion Ratio Lower Upper

77 100

182 22.9 1.7 41.7

105 19.1 1.7 41.7

51 43.9 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.421 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

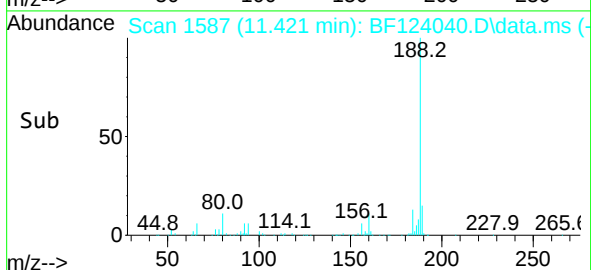
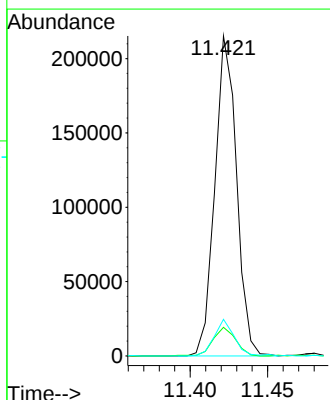
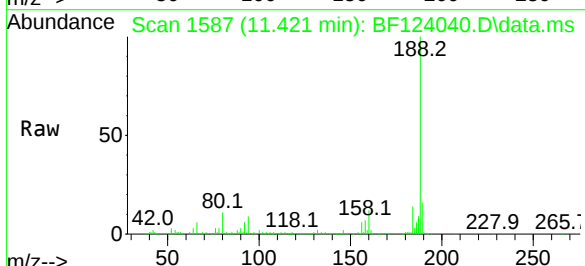
Tgt Ion: 188 Resp: 209329

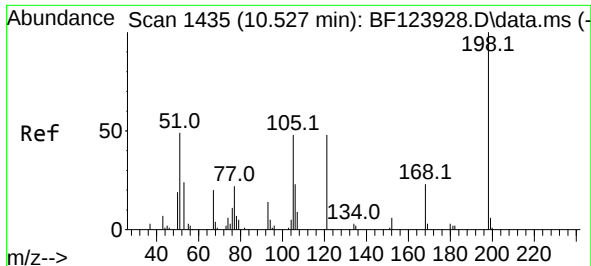
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 11.5 8.2 12.2

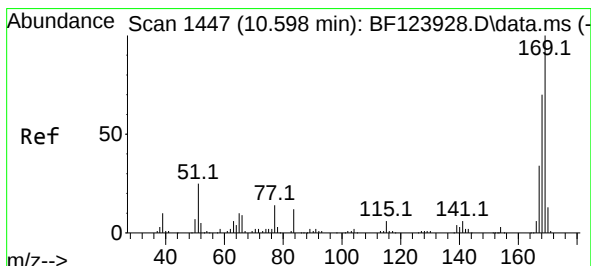
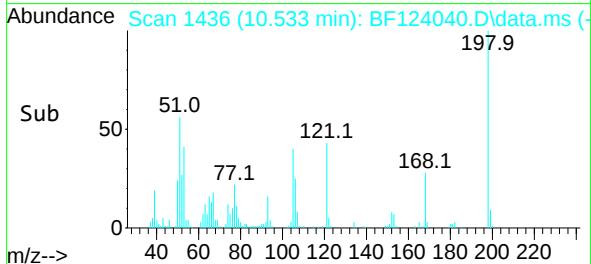
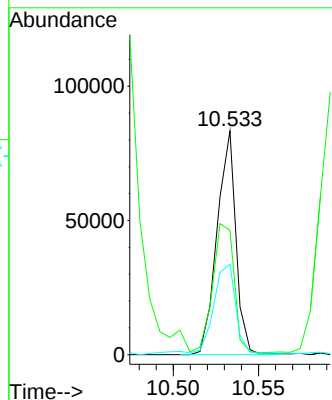
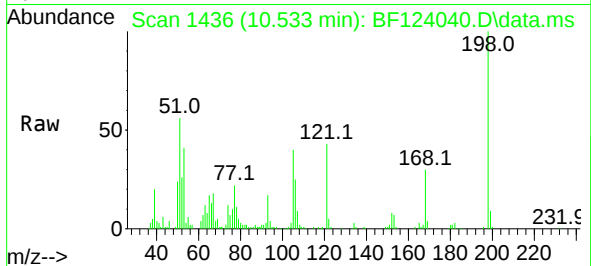




#65
4,6-Dinitro-2-methylphenol
Concen: 47.70 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

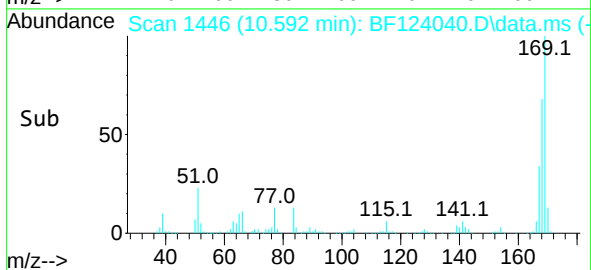
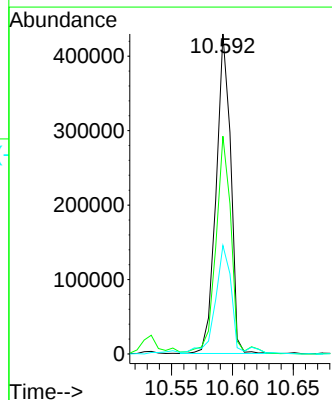
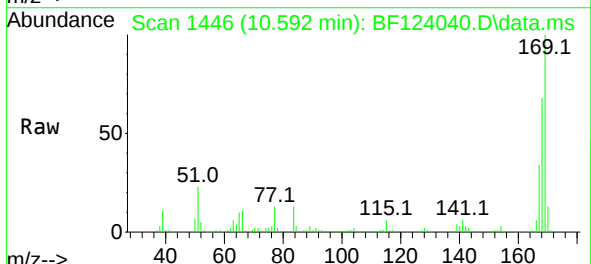
Instrument :
BNA_F
ClientSampled :
359MSD

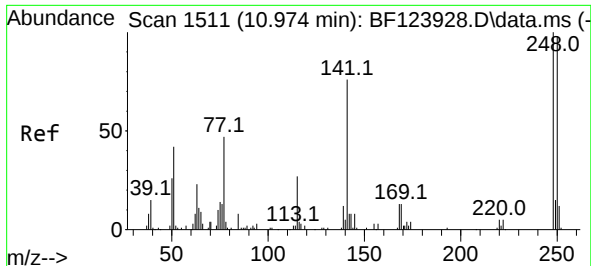
Tgt Ion:198 Resp: 64274
Ion Ratio Lower Upper
198 100
51 55.6 64.8 104.8#
105 40.4 42.6 82.6#



#66
n-Nitrosodiphenylamine
Concen: 44.75 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:169 Resp: 357915
Ion Ratio Lower Upper
169 100
168 68.0 53.3 79.9
167 33.9 29.9 44.9

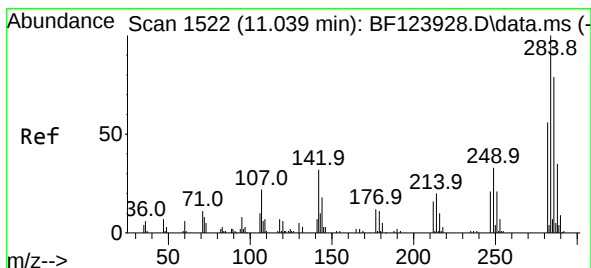
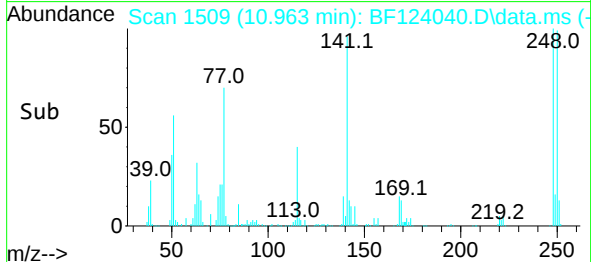
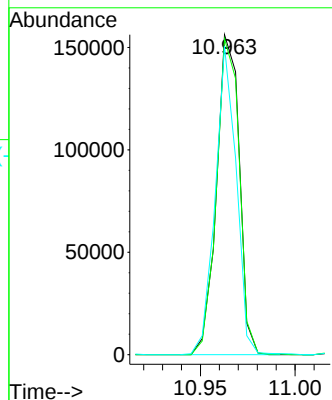
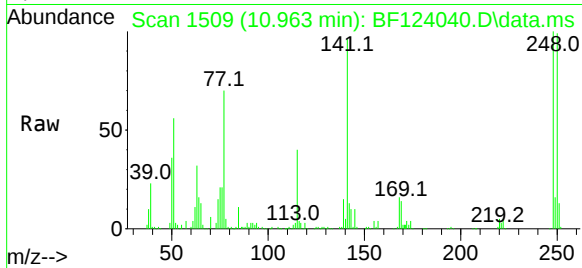




#67
4-Bromophenyl-phenylether
Concen: 47.45 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

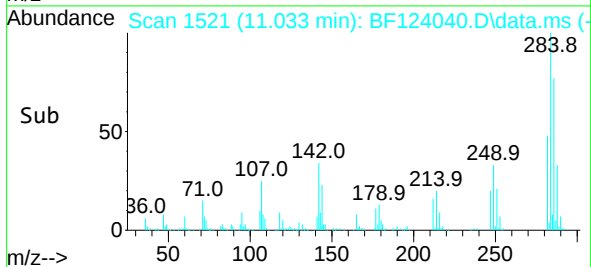
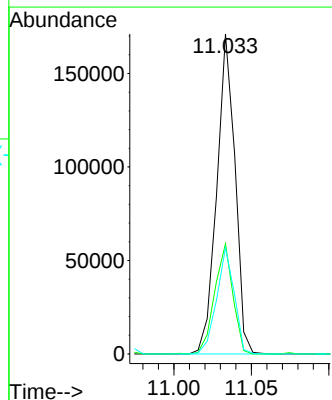
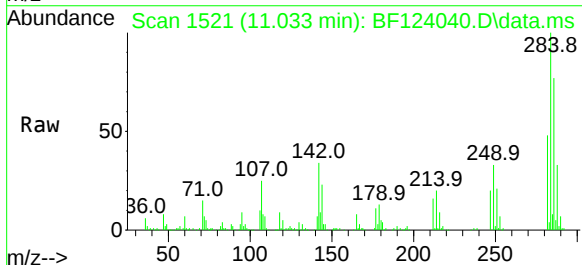
Instrument :
BNA_F
ClientSampleId :
359MSD

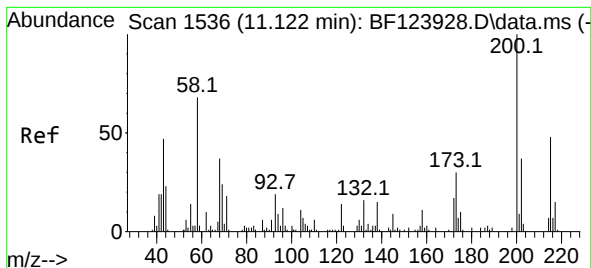
Tgt Ion:248 Resp: 130550
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 96.4 63.7 95.5#



#68
Hexachlorobenzene
Concen: 45.50 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:284 Resp: 139739
Ion Ratio Lower Upper
284 100
142 34.5 28.3 42.5
249 33.2 23.5 35.3





#69

Atrazine

Concen: 55.13 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion:200 Resp: 124550

Ion Ratio Lower Upper

200 100

173 25.9 6.9 46.9

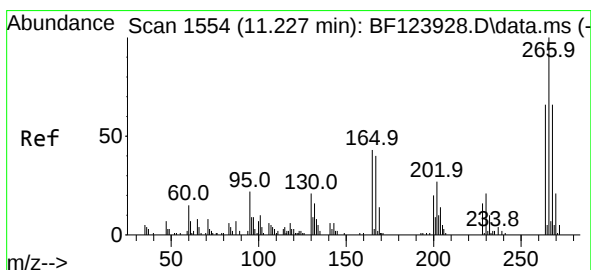
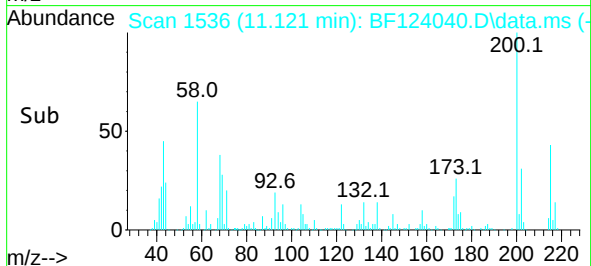
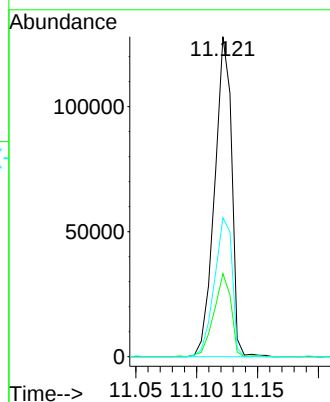
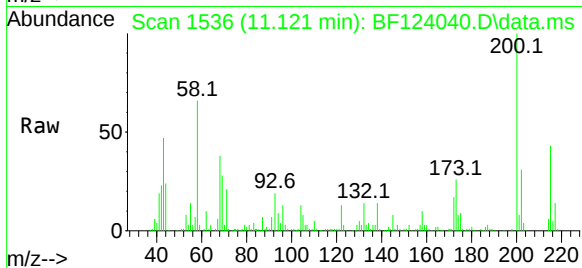
215 43.4 26.5 66.5

Instrument :

BNA_F

ClientSampleId :

359MSD



#70

Pentachlorophenol

Concen: 80.05 ng

RT: 11.227 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

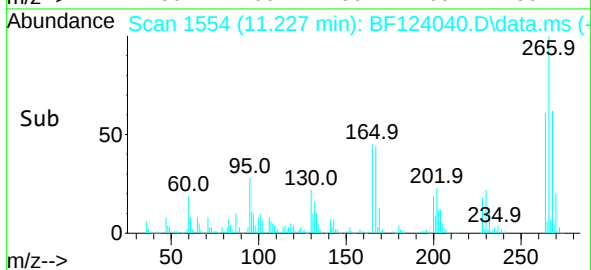
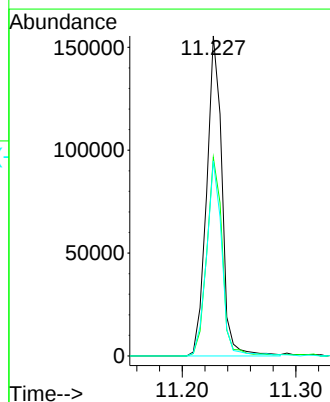
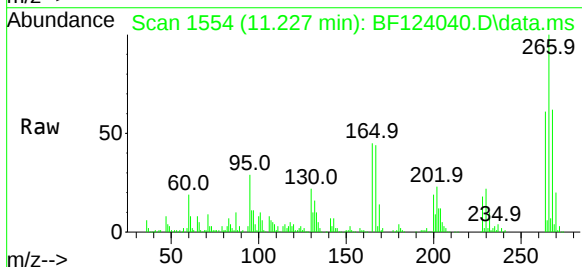
Tgt Ion:266 Resp: 145743

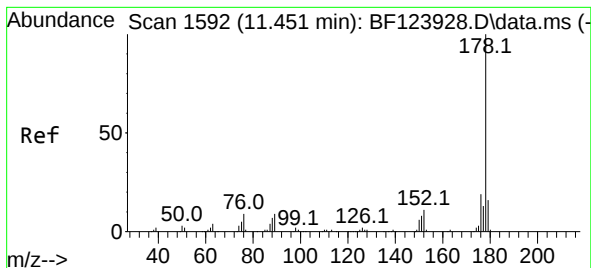
Ion Ratio Lower Upper

266 100

268 62.1 51.6 77.4

264 61.0 52.6 78.8

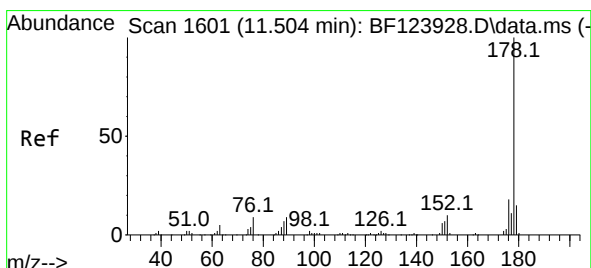
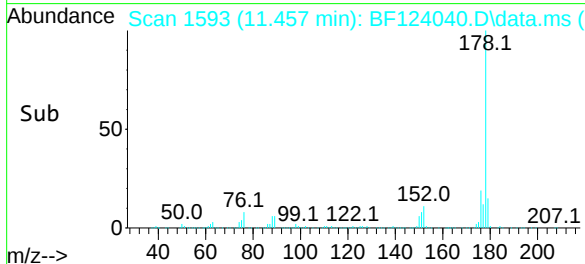
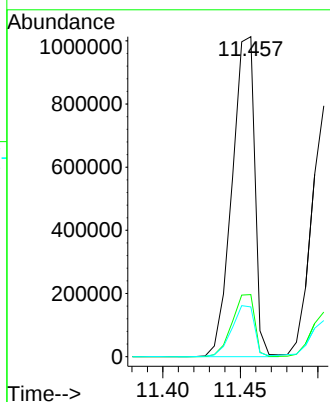
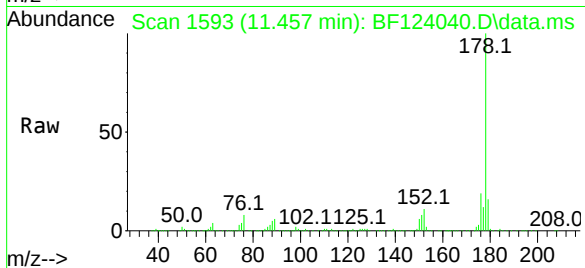




#71
Phenanthrene
Concen: 77.36 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

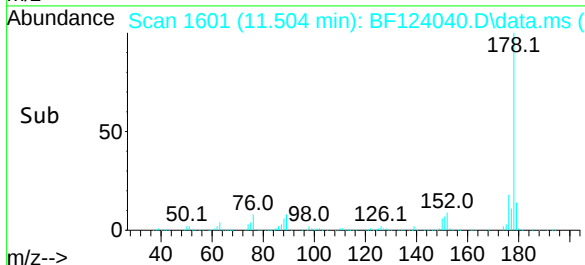
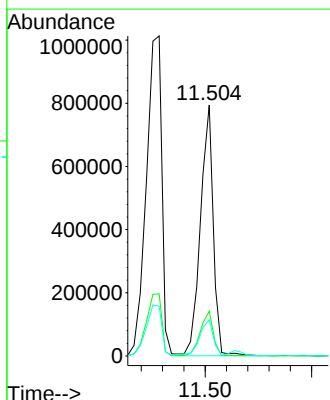
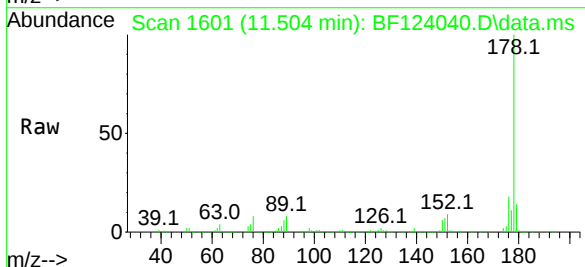
Instrument :
BNA_F
ClientSampled :
359MSD

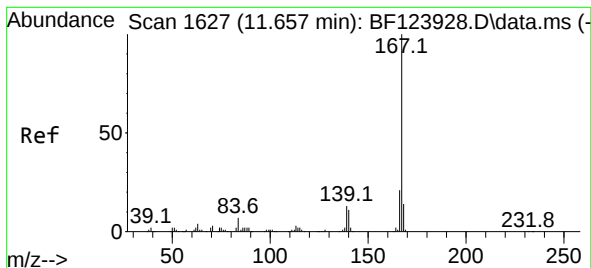
Tgt Ion:178 Resp: 1026298
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 49.67 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:178 Resp: 667746
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 14.4 12.6 18.8





#73

Carbazole

Concen: 39.11 ng

RT: 11.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

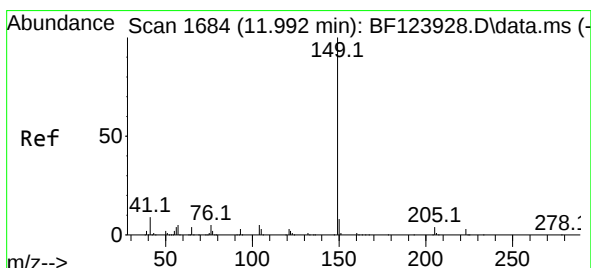
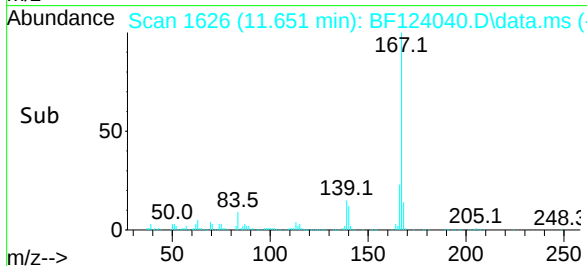
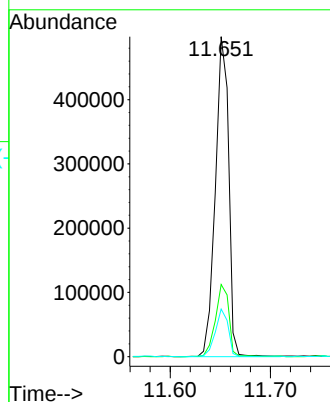
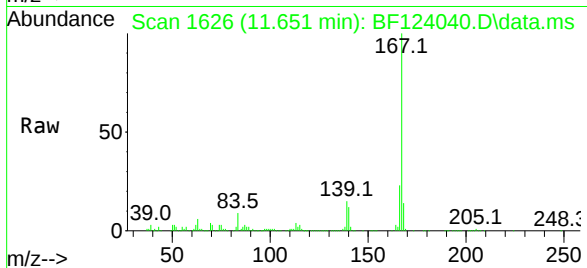
Tgt Ion:167 Resp: 459924

Ion Ratio Lower Upper

167 100

166 22.6 17.0 25.6

139 14.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 47.41 ng

RT: 11.980 min Scan# 1682

Delta R.T. -0.012 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

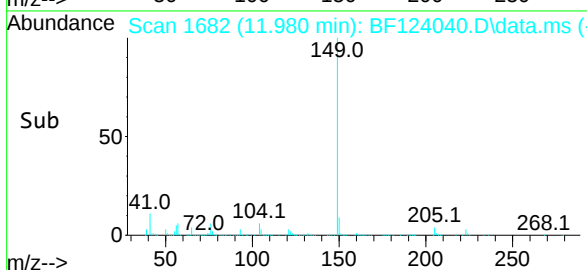
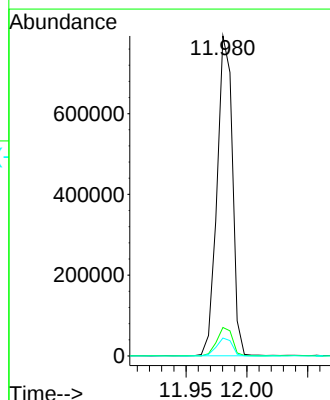
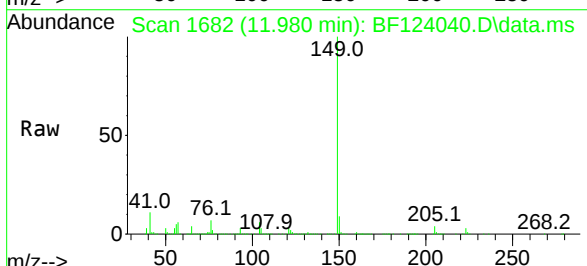
Tgt Ion:149 Resp: 697857

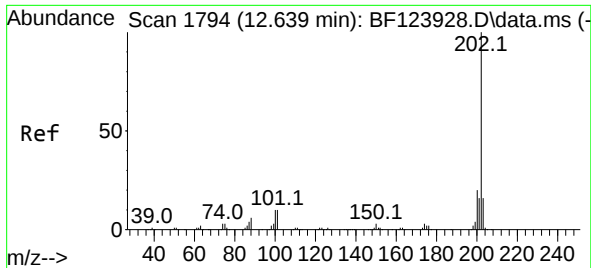
Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

104 5.6 4.6 6.8

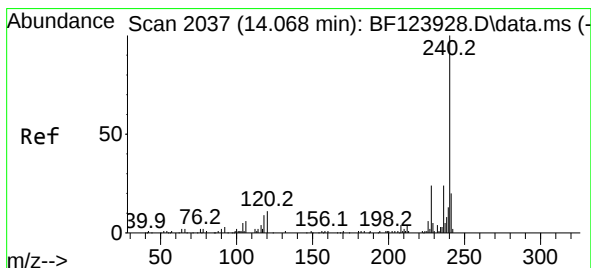
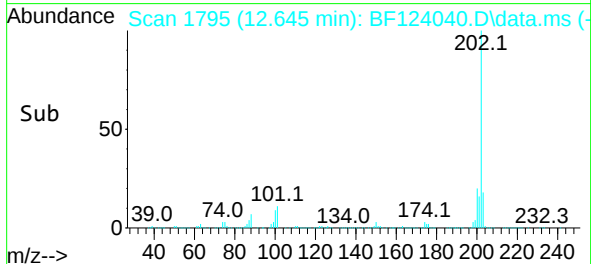
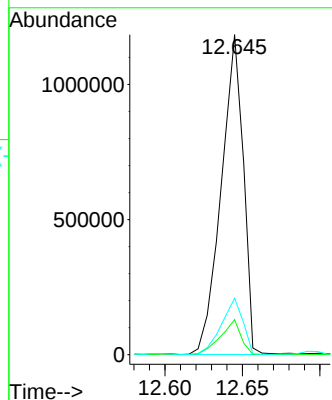
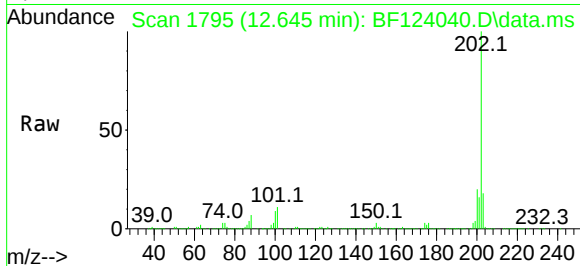




#75
Fluoranthene
Concen: 85.34 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

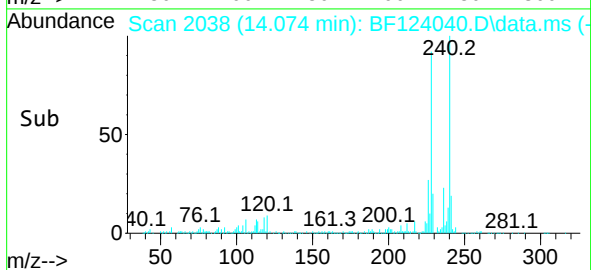
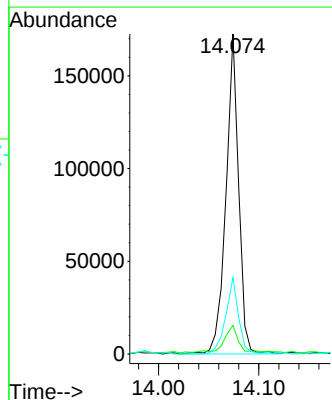
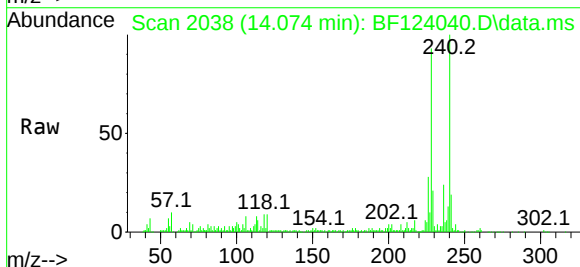
Instrument :
BNA_F
ClientSampled :
359MSD

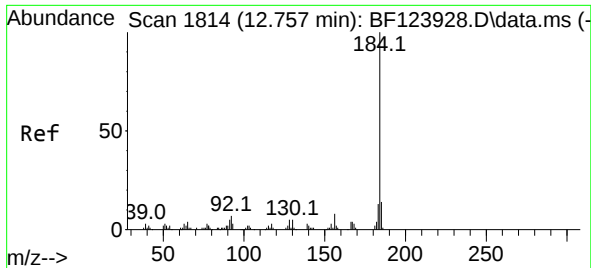
Tgt Ion:202 Resp: 1172307
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:240 Resp: 151787
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.8 19.0 28.4

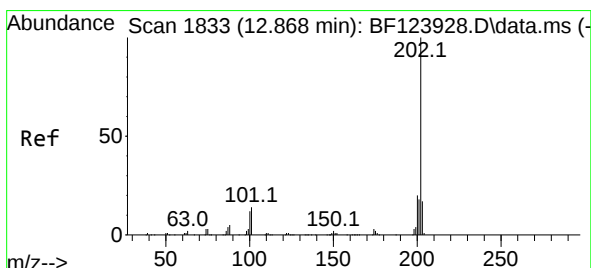
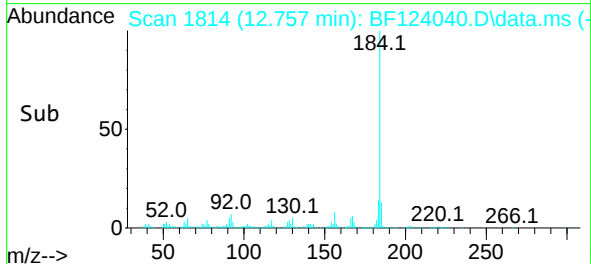
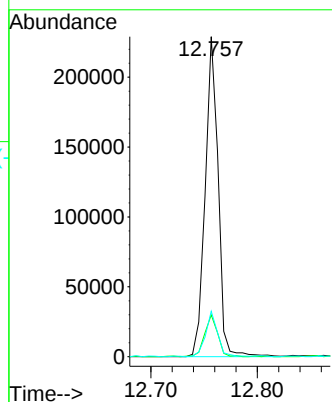
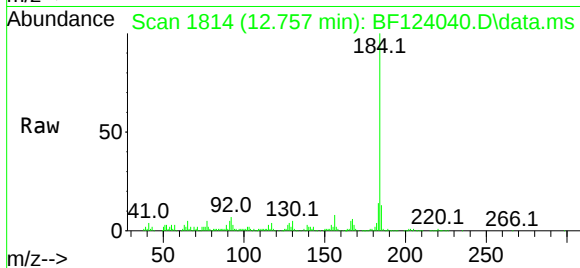




#77
Benzidine
Concen: 53.14 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

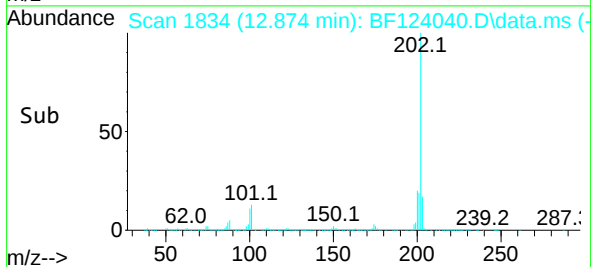
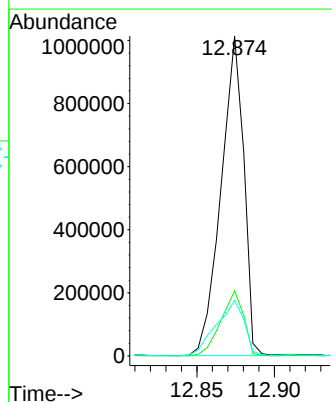
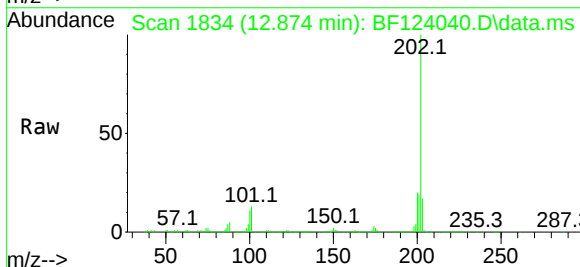
Instrument :
BNA_F
ClientSampled :
359MSD

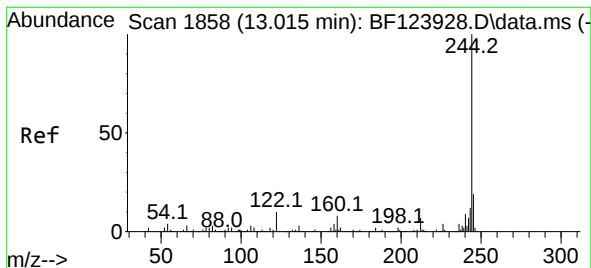
Tgt Ion:184 Resp: 194633
Ion Ratio Lower Upper
184 100
185 13.1 12.1 18.1
183 14.2 7.8 11.8#



#78
Pyrene
Concen: 76.78 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:202 Resp: 1034612
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.3 14.8 22.2





#79

Terphenyl-d14

Concen: 54.15 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion:244 Resp: 542647

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

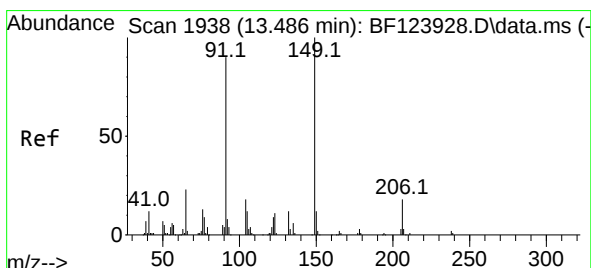
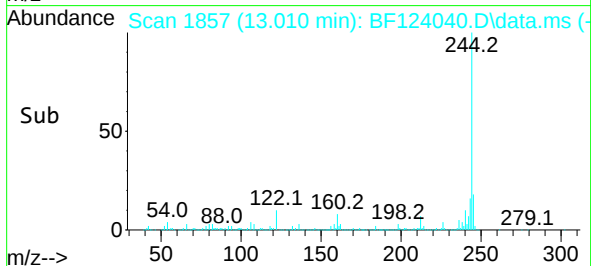
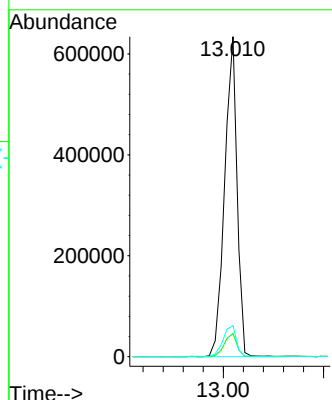
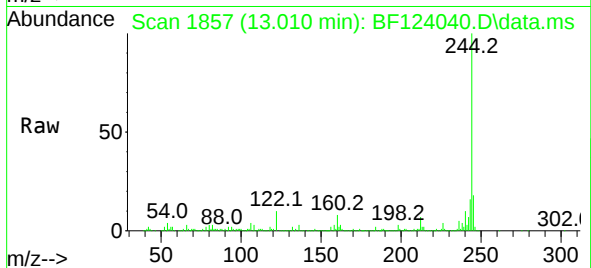
122 9.7 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

359MSD



#80

Butylbenzylphthalate

Concen: 46.20 ng

RT: 13.486 min Scan# 1938

Delta R.T. -0.000 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

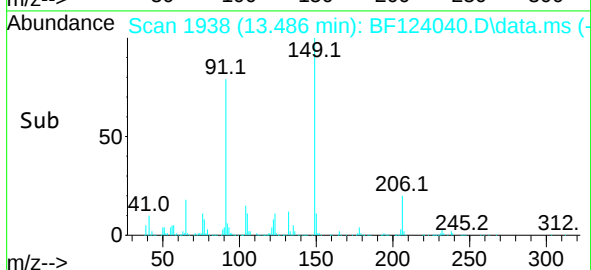
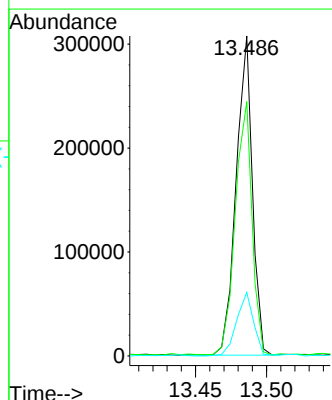
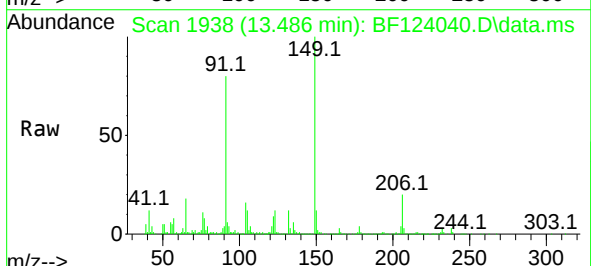
Tgt Ion:149 Resp: 244115

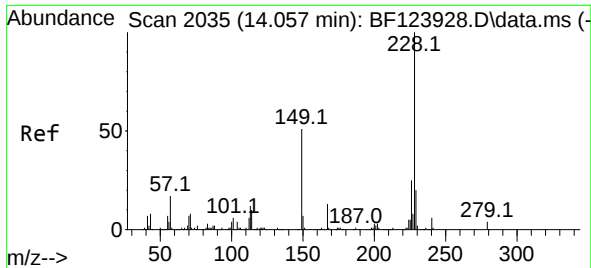
Ion Ratio Lower Upper

149 100

91 79.5 63.6 95.4

206 19.9 14.5 21.7

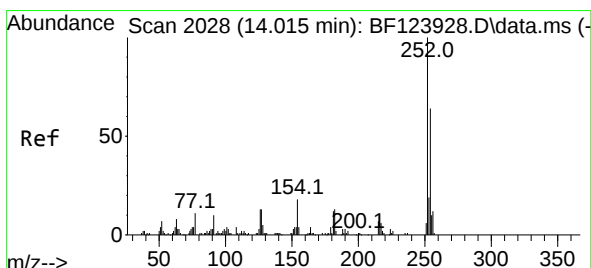
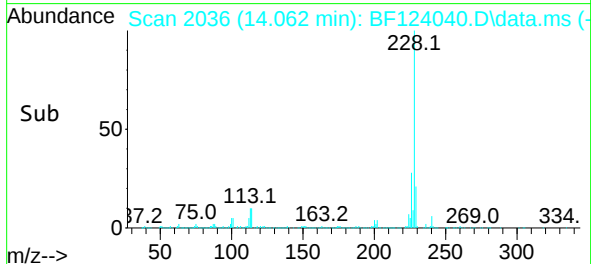
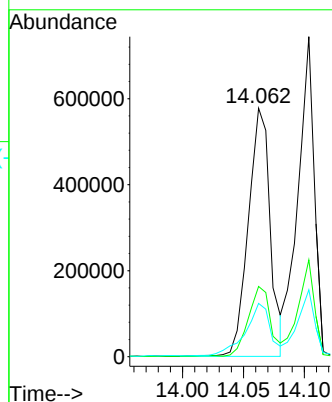
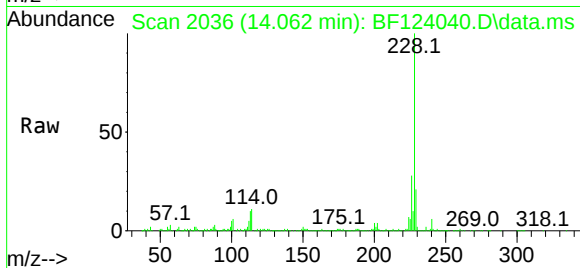




#81
Benzo(a)anthracene
Concen: 65.91 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

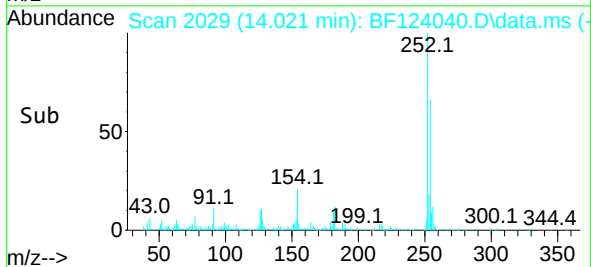
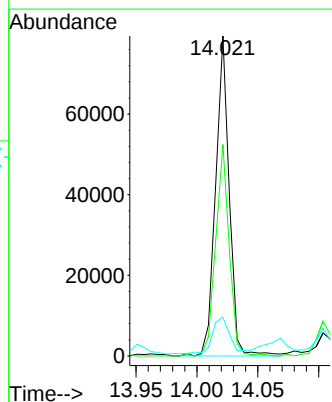
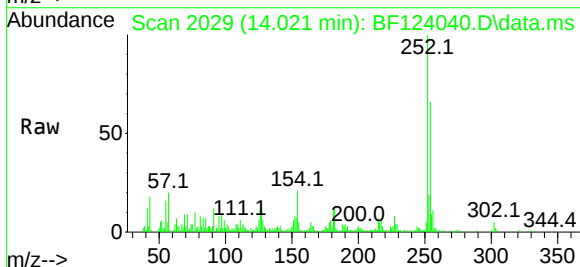
Instrument :
BNA_F
ClientSampled :
359MSD

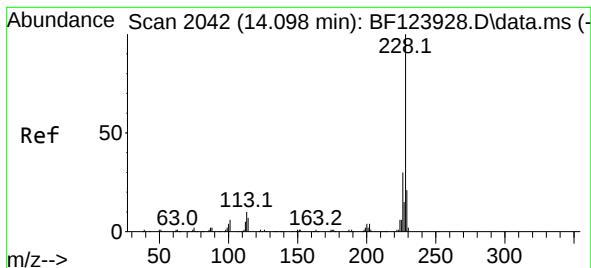
Tgt Ion:228 Resp: 723544
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 21.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 18.13 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:252 Resp: 61826
Ion Ratio Lower Upper
252 100
254 66.1 51.1 76.7
126 12.1 7.7 11.5#





#83

Chrysene

Concen: 65.95 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

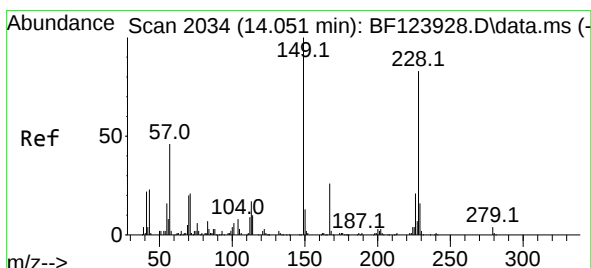
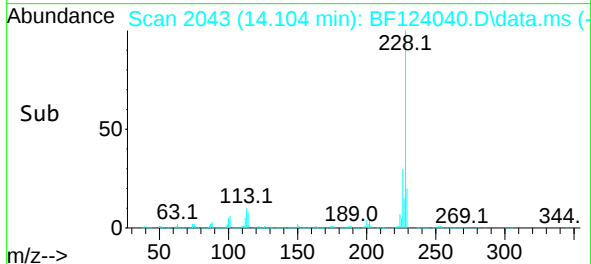
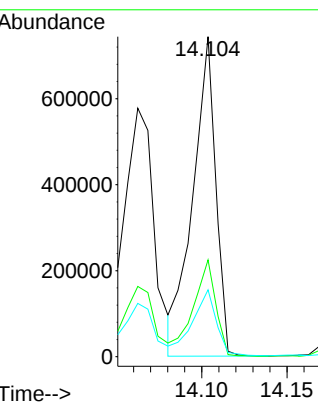
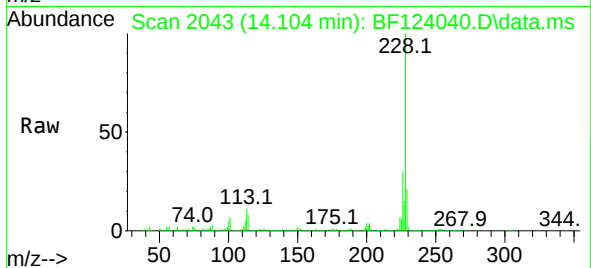
Tgt Ion:228 Resp: 696316

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.39 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

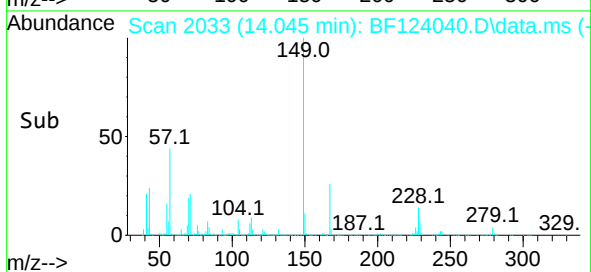
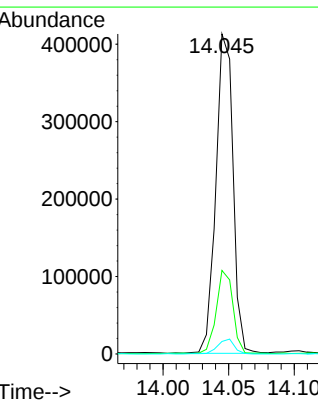
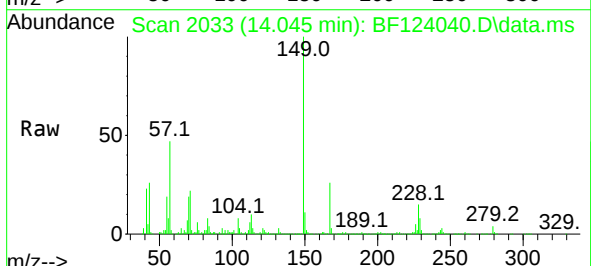
Tgt Ion:149 Resp: 375721

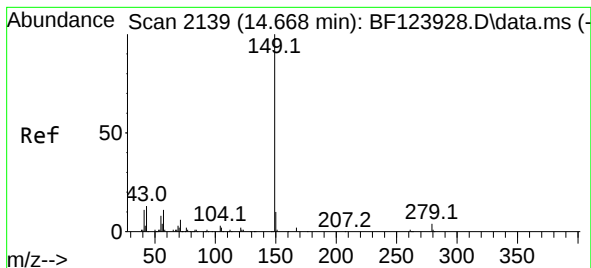
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

279 3.9 3.3 4.9

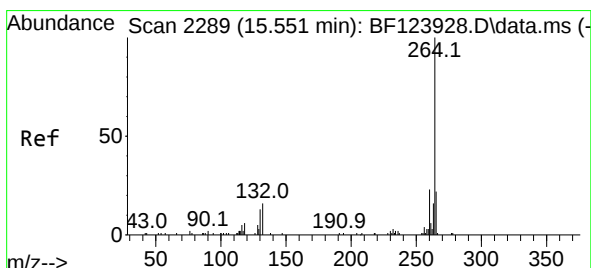
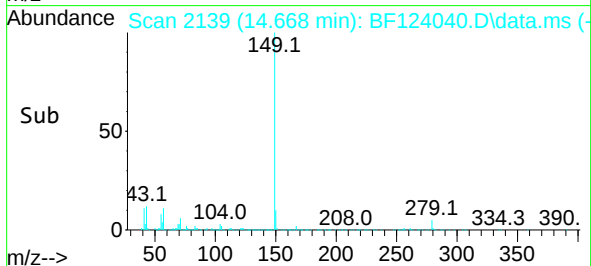
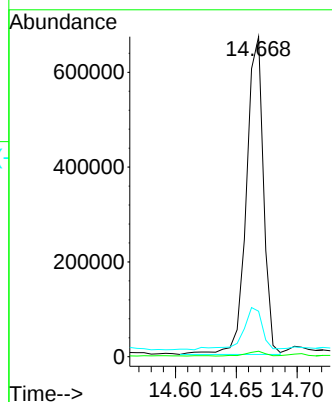
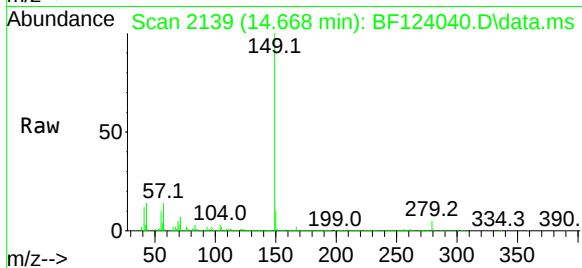




#85
Di-n-octyl phthalate
Concen: 58.15 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

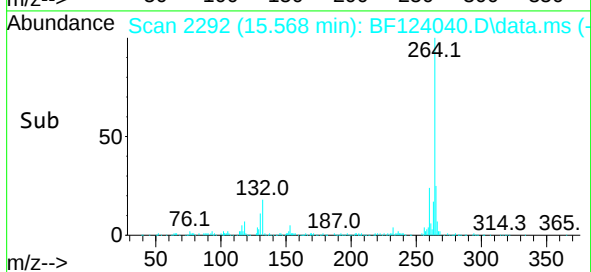
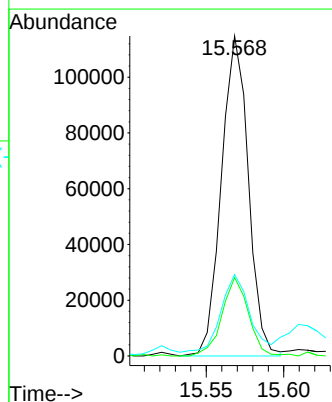
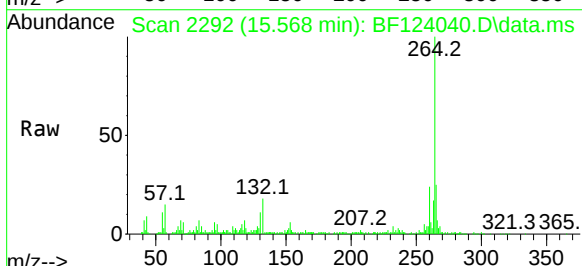
Instrument :
BNA_F
ClientSampled :
359MSD

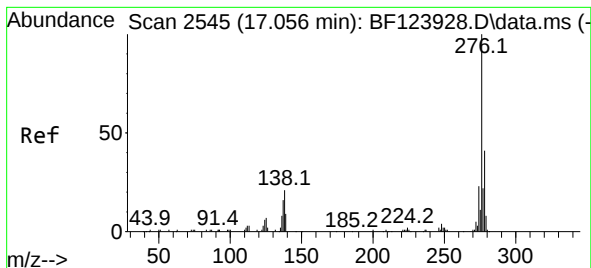
Tgt Ion:149 Resp: 655507
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.1 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:264 Resp: 138714
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 25.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.25 ng

RT: 17.080 min Scan# 2549

Delta R.T. 0.023 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion:276 Resp: 441882

Ion Ratio Lower Upper

276 100

138 22.4 16.2 24.2

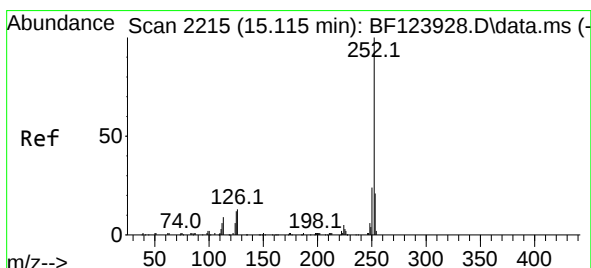
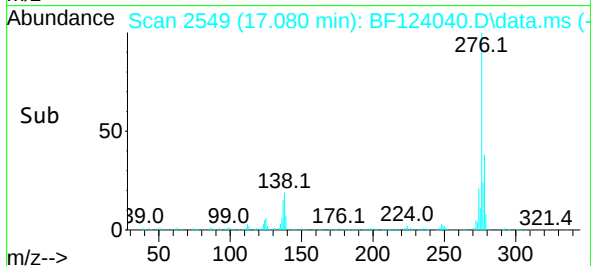
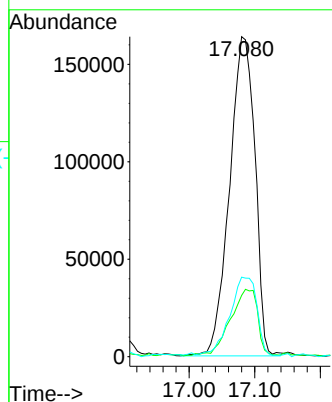
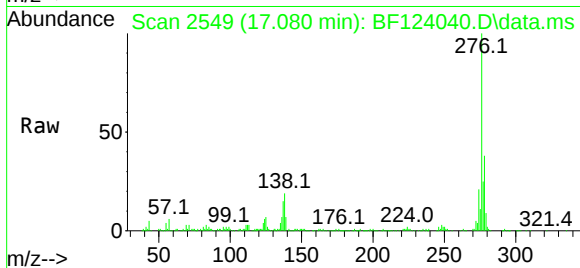
277 26.1 20.1 30.1

Instrument :

BNA_F

ClientSampled :

359MSD



#88

Benzo(b)fluoranthene

Concen: 106.60 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.024 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

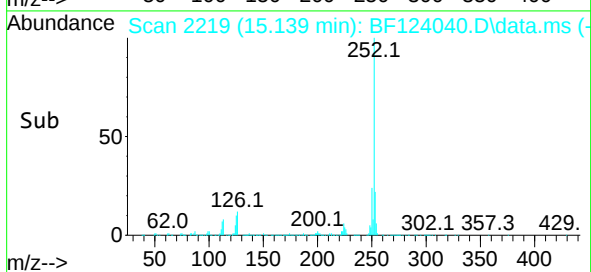
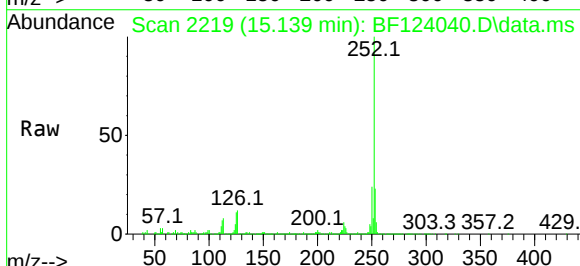
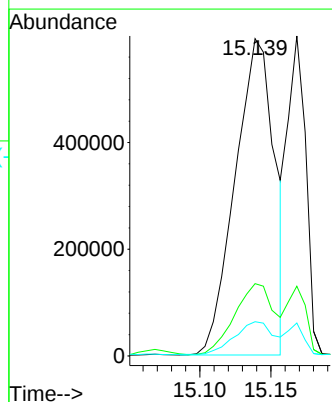
Tgt Ion:252 Resp: 1143848

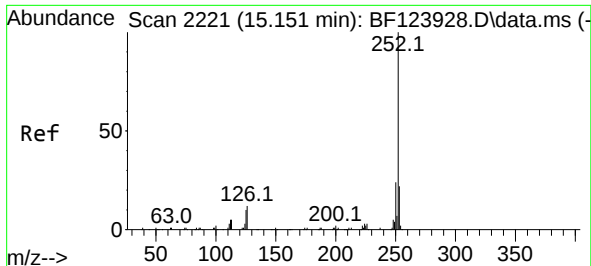
Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 10.8 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 54.44 ng

RT: 15.168 min Scan# 2224

Delta R.T. 0.018 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

Tgt Ion:252 Resp: 532343

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

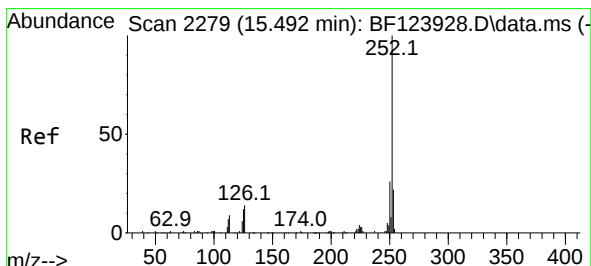
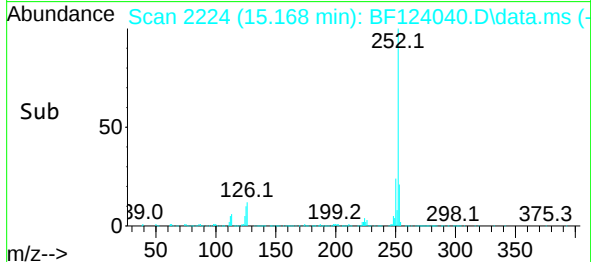
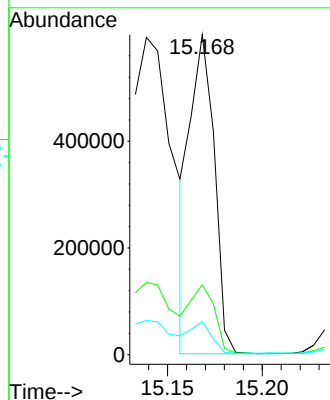
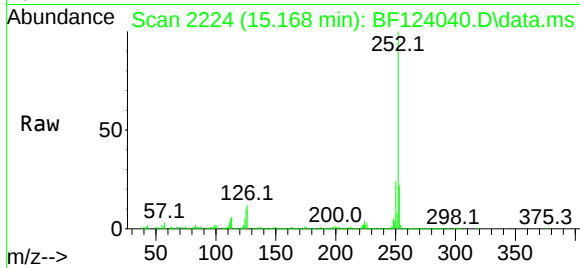
125 10.3 7.0 10.6

Instrument :

BNA_F

ClientSampleId :

359MSD



#90

Benzo(a)pyrene

Concen: 76.26 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.024 min

Lab File: BF124040.D

Acq: 24 May 2021 16:38

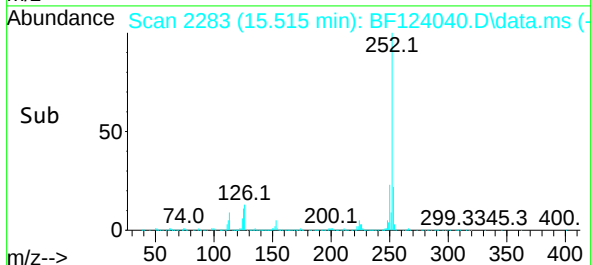
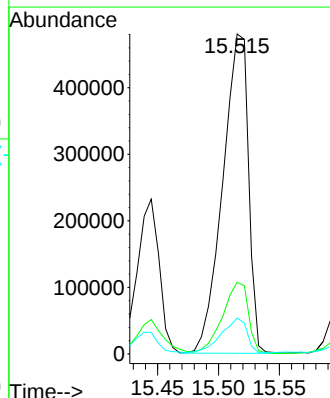
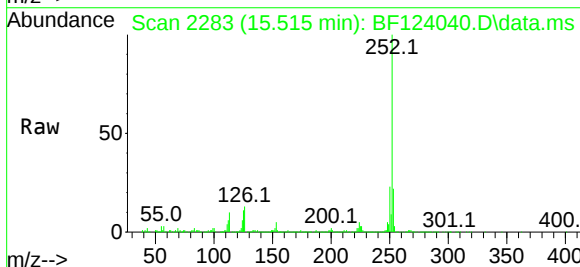
Tgt Ion:252 Resp: 707344

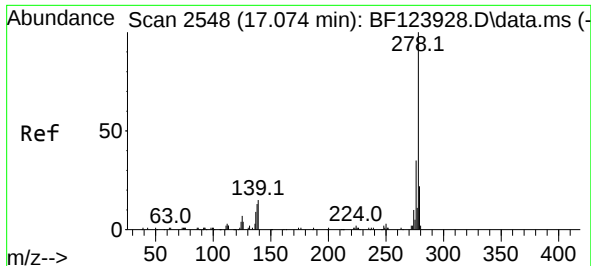
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 11.2 8.0 12.0

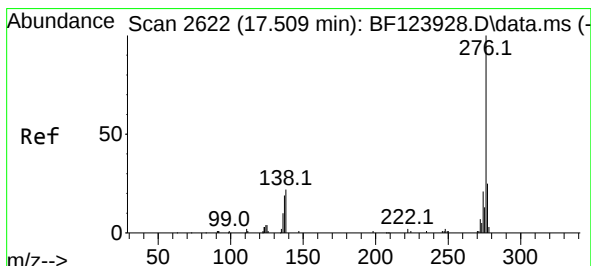
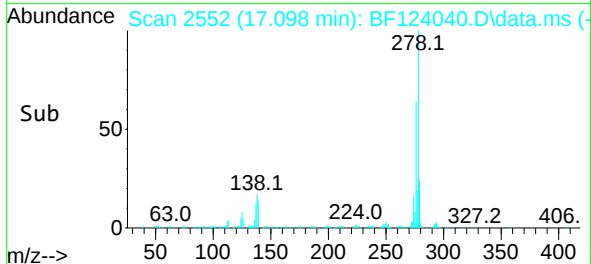
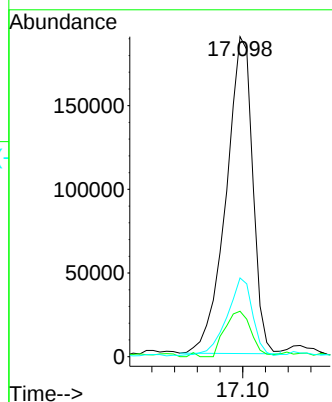
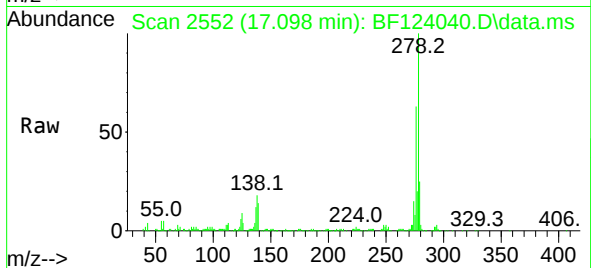




#91
Dibenzo(a,h)anthracene
Concen: 34.11 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.023 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Instrument :
BNA_F
ClientSampleId :
359MSD

Tgt Ion:278 Resp: 307712
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.2
279 24.6 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 38.24 ng
RT: 17.545 min Scan# 2628
Delta R.T. 0.035 min
Lab File: BF124040.D
Acq: 24 May 2021 16:38

Tgt Ion:276 Resp: 346014
Ion Ratio Lower Upper
276 100
277 22.1 18.2 27.2
138 16.9 13.8 20.6

