

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132749.D
 Acq On : 10 Mar 2023 19:15
 Operator : CG\JU
 Sample : 01846-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Mar 11 03:05:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	224597	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	885448	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	457137	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	716753	20.000	ng	0.00
76) Chrysene-d12	14.186	240	380204	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	501143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1365281	98.657	ng	0.01
7) Phenol-d6	6.616	99	1751299	96.968	ng	0.00
23) Nitrobenzene-d5	7.551	82	1178528	63.148	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	434656	88.043	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1825882	60.818	ng	0.00
79) Terphenyl-d14	13.110	244	1537795	68.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	310863	40.610	ng	95
3) Pyridine	3.669	79	785884	38.677	ng	94
4) n-Nitrosodimethylamine	3.640	42	313568	40.855	ng	85
6) Aniline	6.645	93	758986	31.227	ng	96
8) 2-Chlorophenol	6.769	128	672012	46.789	ng	96
9) Benzaldehyde	6.534	77	326714	33.525	ng	95
10) Phenol	6.628	94	887107	42.843	ng	100
11) bis(2-Chloroethyl)ether	6.710	93	723310	45.250	ng	96
12) 1,3-Dichlorobenzene	6.922	146	696538	45.191	ng	99
13) 1,4-Dichlorobenzene	6.998	146	686691	44.619	ng	99
14) 1,2-Dichlorobenzene	7.151	146	675512	45.735	ng	99
15) Benzyl Alcohol	7.128	79	623627	44.835	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.251	45	895147	43.915	ng	94
17) 2-Methylphenol	7.233	107	580428	43.301	ng	98
18) Hexachloroethane	7.492	117	283588	47.165	ng	95
19) n-Nitroso-di-n-propyla...	7.398	70	450736	40.551	ng	90
20) 3+4-Methylphenols	7.386	107	641754	37.058	ng	95
22) Acetophenone	7.392	105	875694	39.221	ng	# 91
24) Nitrobenzene	7.569	77	786760	39.417	ng	99
25) Isophorone	7.804	82	1432780	40.043	ng	100
26) 2-Nitrophenol	7.880	139	394865	44.838	ng	99
27) 2,4-Dimethylphenol	7.916	122	609055	43.819	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	902755	43.129	ng	100
29) 2,4-Dichlorophenol	8.128	162	594749	43.016	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	659147	43.904	ng	99
31) Naphthalene	8.292	128	2091736	46.145	ng	99
32) Benzoic acid	8.045	122	346048	32.905	ng	98
33) 4-Chloroaniline	8.333	127	238585	12.283	ng	94
34) Hexachlorobutadiene	8.398	225	425280	44.577	ng	99
35) Caprolactam	8.727	113	170343	37.371	ng	90
36) 4-Chloro-3-methylphenol	8.827	107	632310	41.643	ng	93
37) 2-Methylnaphthalene	8.980	142	1344780	43.532	ng	99
38) 1-Methylnaphthalene	9.080	142	1209959	41.912	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	666195	44.542	ng	99
41) Hexachlorocyclopentadiene	9.133	237	535561	66.019	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	444232	43.828	ng	99

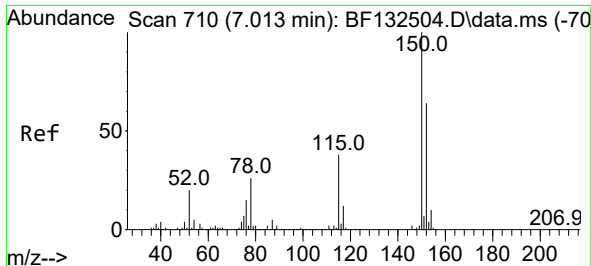
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	466675	39.448	ng	100
46) 1,1'-Biphenyl	9.445	154	1502965	43.438	ng	99
47) 2-Chloronaphthalene	9.475	162	1191021	43.417	ng	99
48) 2-Nitroaniline	9.575	65	383126	37.920	ng	85
49) Acenaphthylene	9.892	152	1752527	40.141	ng	100
50) Dimethylphthalate	9.745	163	1455075	43.715	ng	100
51) 2,6-Dinitrotoluene	9.816	165	312126	41.176	ng	# 86
52) Acenaphthene	10.069	154	1234348	44.524	ng	98
53) 3-Nitroaniline	9.986	138	215738	25.442	ng	93
54) 2,4-Dinitrophenol	10.098	184	271832	57.438	ng	93
55) Dibenzofuran	10.239	168	1896066	46.914	ng	98
56) 4-Nitrophenol	10.151	139	391680	61.937	ng	98
57) 2,4-Dinitrotoluene	10.222	165	383055	37.984	ng	95
58) Fluorene	10.580	166	1472036	47.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	354926	40.389	ng	97
60) Diethylphthalate	10.445	149	1301432	40.034	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	637812	39.770	ng	96
62) 4-Nitroaniline	10.604	138	262718	31.563	ng	97
63) Azobenzene	10.727	77	1303474	37.861	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	192162	39.604	ng	97
66) n-Nitrosodiphenylamine	10.692	169	1058863	47.386	ng	100
67) 4-Bromophenyl-phenylether	11.063	248	395617	48.796	ng	97
68) Hexachlorobenzene	11.133	284	411770	48.267	ng	99
69) Atrazine	11.216	200	342779	49.137	ng	98
70) Pentachlorophenol	11.333	266	342478	67.474	ng	99
71) Phenanthrene	11.563	178	4177386	112.503	ng	98
72) Anthracene	11.610	178	2366398	61.888	ng	99
73) Carbazole	11.763	167	1626005	47.166	ng	99
74) Di-n-butylphthalate	12.074	149	1771033	43.795	ng	100
75) Fluoranthene	12.757	202	3922916	96.642	ng	97
77) Benzidine	12.868	184	596495	64.449	ng	99
78) Pyrene	12.986	202	3468420	100.338	ng	99
80) Butylbenzylphthalate	13.586	149	609733	44.699	ng	95
81) Benzo(a)anthracene	14.180	228	2303247	80.964	ng	96
82) 3,3'-Dichlorobenzidine	14.133	252	278900	33.254	ng	98
83) Chrysene	14.215	228	2054744	77.240	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	817221	48.768	ng	100
85) Di-n-octyl phthalate	14.768	149	1463695	59.773	ng	97
87) Indeno(1,2,3-cd)pyrene	17.333	276	1578977	48.085	ng	98
88) Benzo(b)fluoranthene	15.274	252	2440708	72.674	ng	98
89) Benzo(k)fluoranthene	15.304	252	1583352	48.172	ng	98
90) Benzo(a)pyrene	15.668	252	1911068	60.800	ng	97
91) Dibenzo(a,h)anthracene	17.345	278	1127129	42.128	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1227683	40.853	ng	99

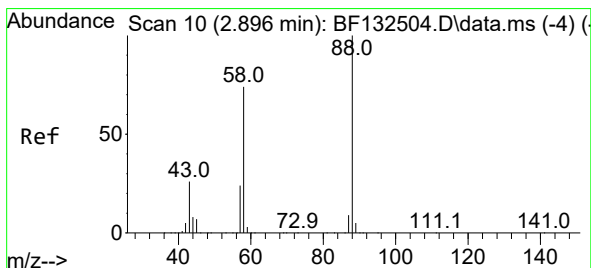
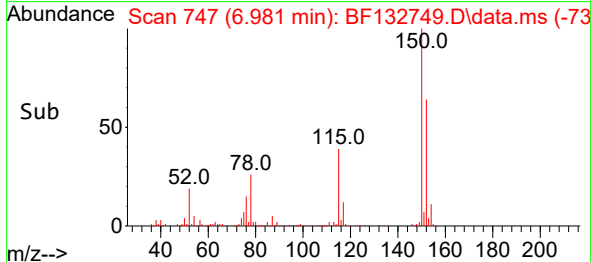
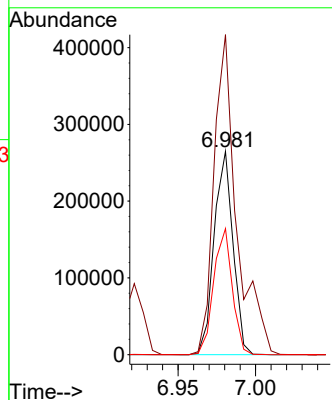
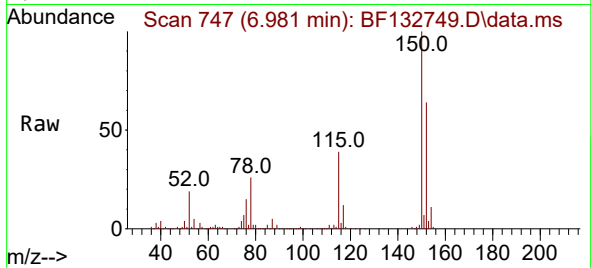
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132749.D
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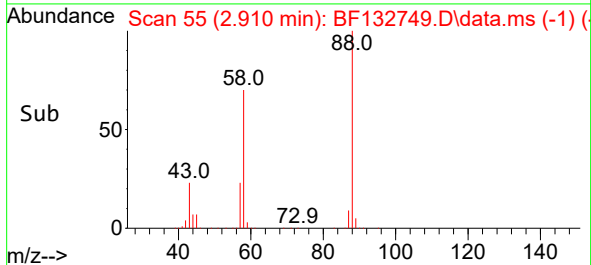
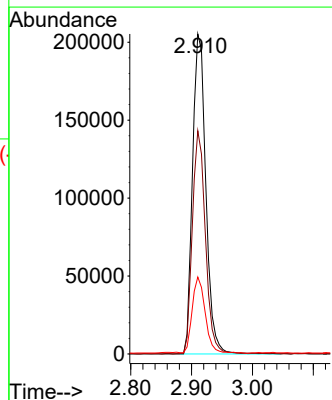
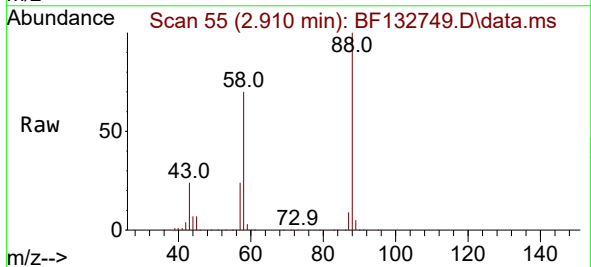
Instrument :
BNA_F
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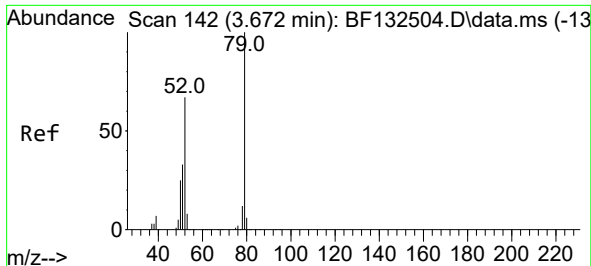
Tgt Ion:152 Resp: 224597
Ion Ratio Lower Upper
152 100
150 157.4 125.4 188.2
115 62.0 47.8 71.6



#2
1,4-Dioxane
Concen: 40.610 ng
RT: 2.910 min Scan# 55
Delta R.T. 0.071 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 88 Resp: 310863
Ion Ratio Lower Upper
88 100
58 68.5 58.3 87.5
43 23.5 20.7 31.1

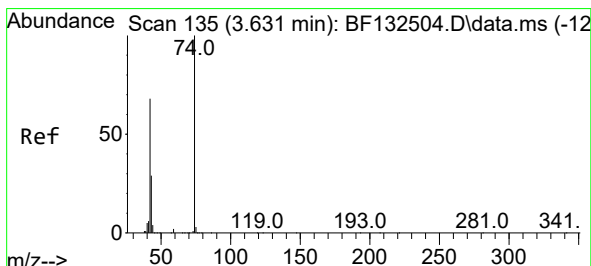
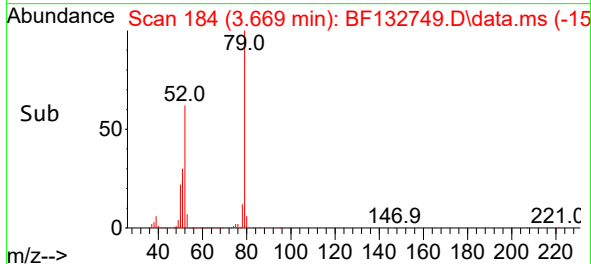
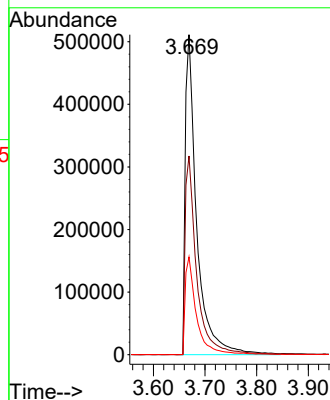
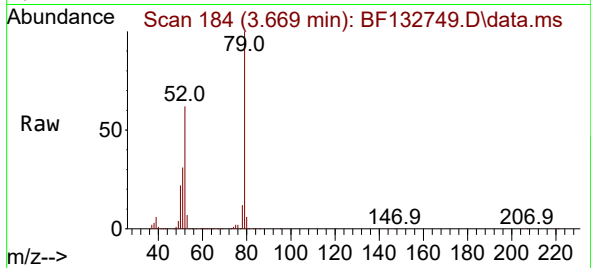




#3
Pyridine
Concen: 38.677 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

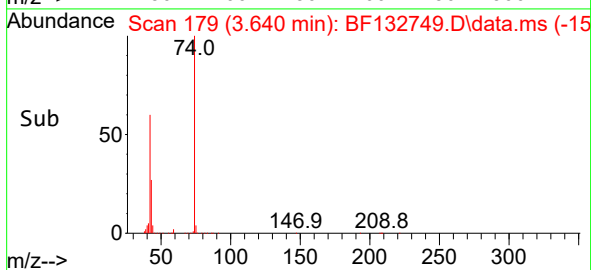
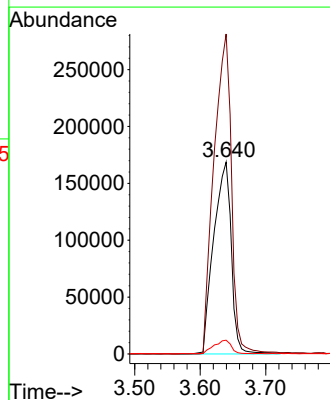
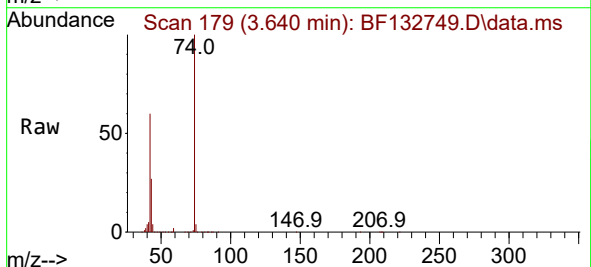
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ClientSampleId :
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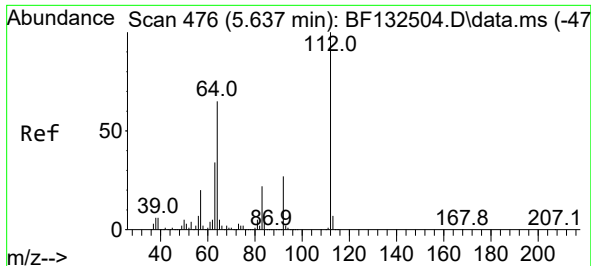
Tgt Ion: 79 Resp: 785884
Ion Ratio Lower Upper
79 100
52 62.1 53.7 80.5
51 30.5 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 40.855 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.053 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 42 Resp: 313568
Ion Ratio Lower Upper
42 100
74 166.8 118.2 177.2
44 7.2 5.3 7.9

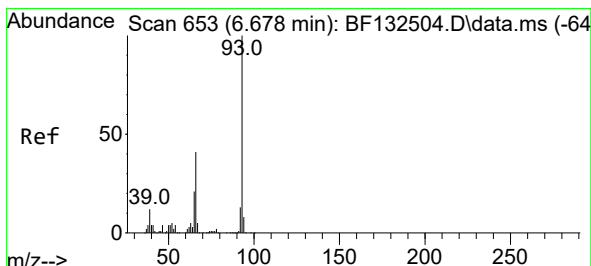
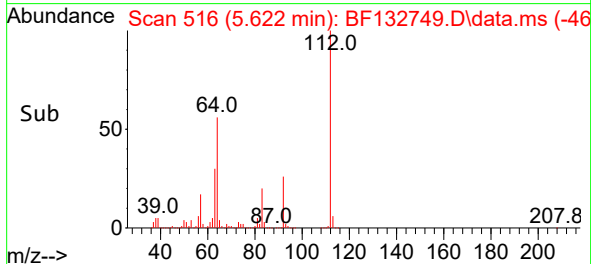
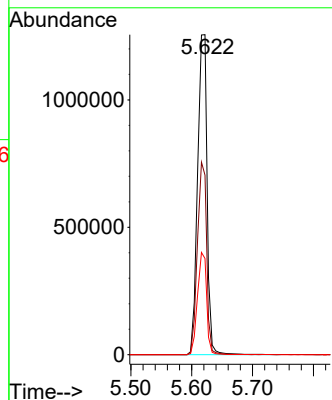
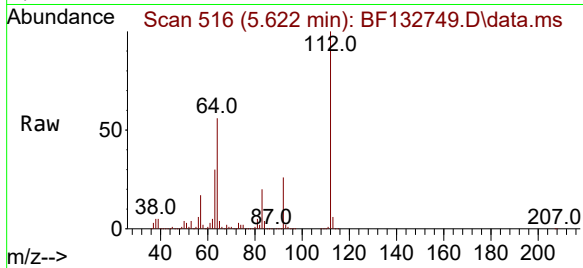




#5
2-Fluorophenol
Concen: 98.657 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

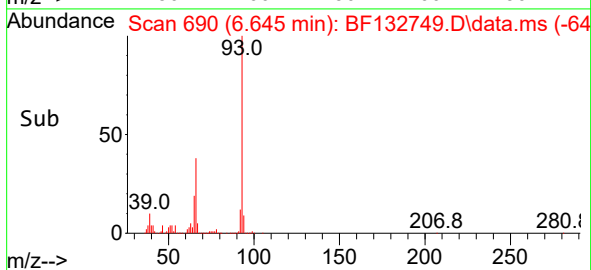
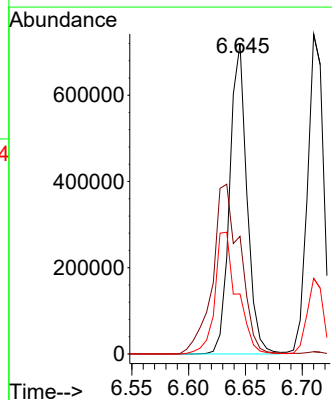
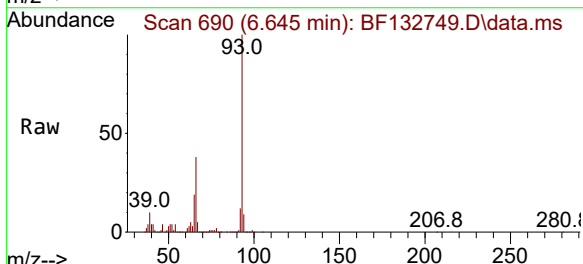
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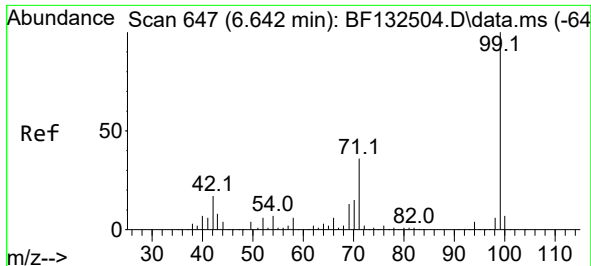
Tgt Ion:112 Resp: 1365281
Ion Ratio Lower Upper
112 100
64 56.1 51.6 77.4
63 30.1 27.4 41.2



#6
Aniline
Concen: 31.227 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 93 Resp: 758986
Ion Ratio Lower Upper
93 100
66 37.9 32.5 48.7
65 19.3 16.6 24.8

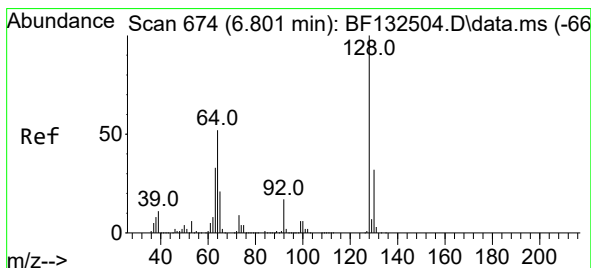
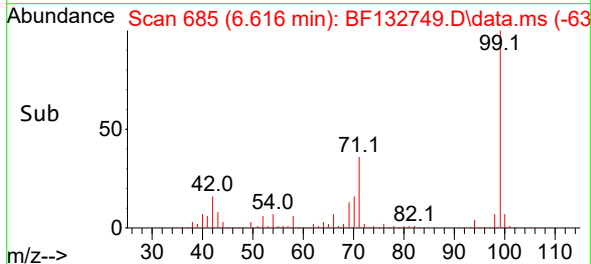
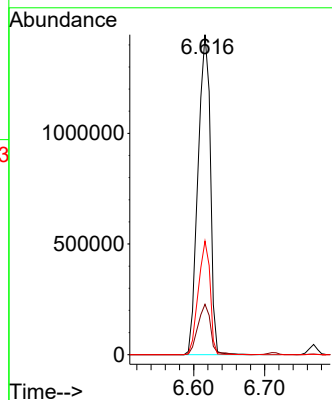
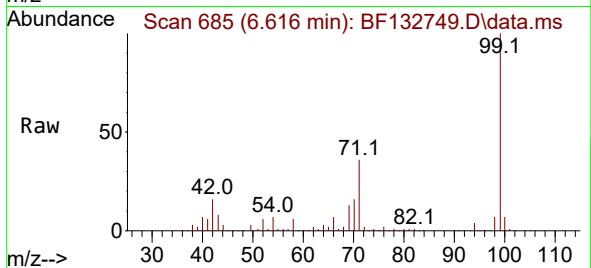




#7
Phenol-d6
Concen: 96.968 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

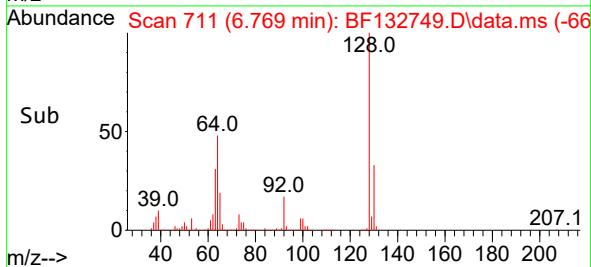
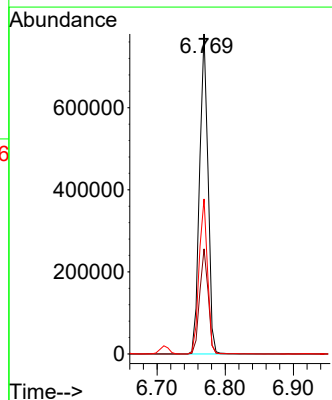
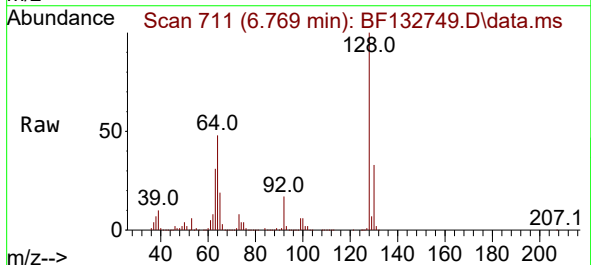
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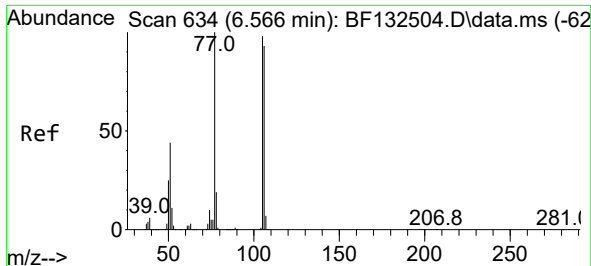
Tgt Ion: 99 Resp: 1751299
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 35.5 28.5 42.7



#8
2-Chlorophenol
Concen: 46.789 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 128 Resp: 672012
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 48.4 32.0 72.0

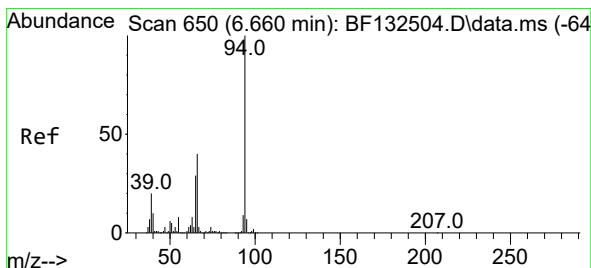
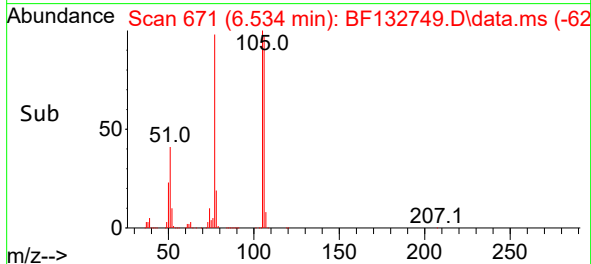
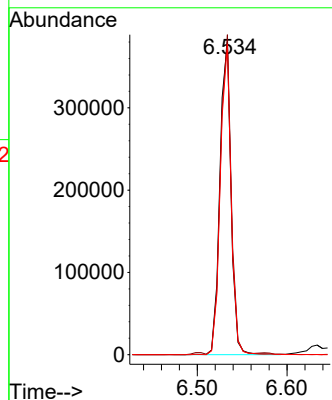
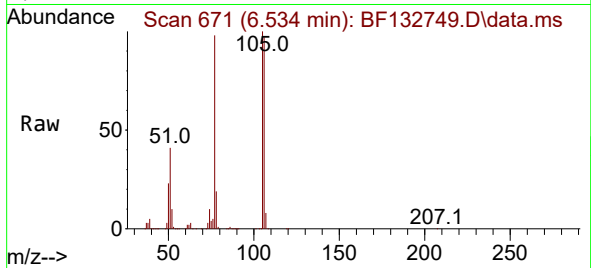




#9
Benzaldehyde
Concen: 33.525 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

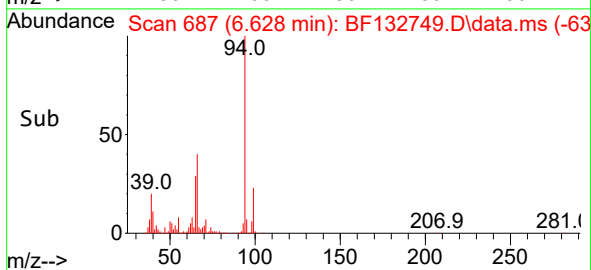
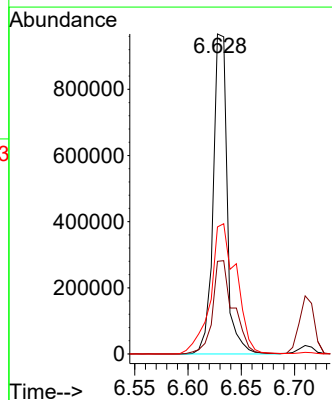
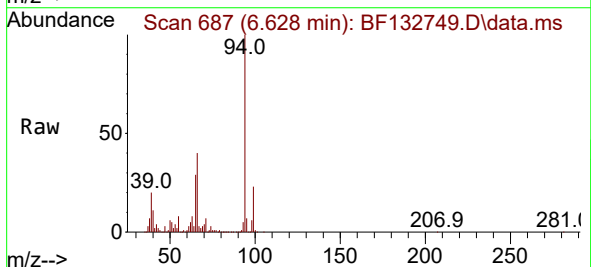
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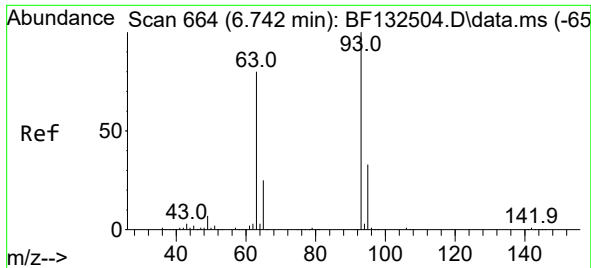
Tgt Ion: 77 Resp: 326714
Ion Ratio Lower Upper
77 100
105 102.3 77.9 117.9
106 99.3 73.4 113.4



#10
Phenol
Concen: 42.843 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.012 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 94 Resp: 887107
Ion Ratio Lower Upper
94 100
65 29.0 9.4 49.4
66 39.7 19.8 59.8

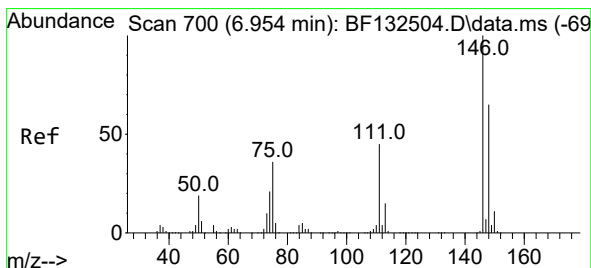
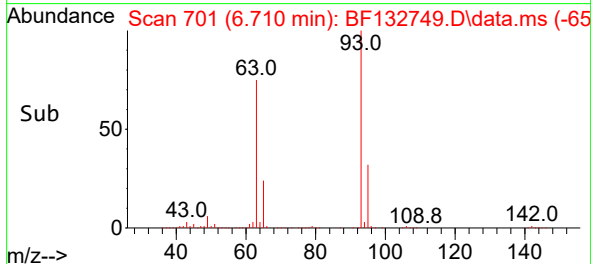
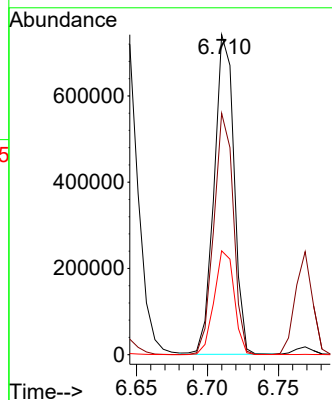
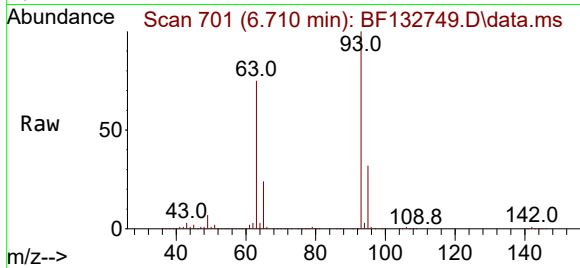




#11
bis(2-Chloroethyl)ether
Concen: 45.250 ng
RT: 6.710 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

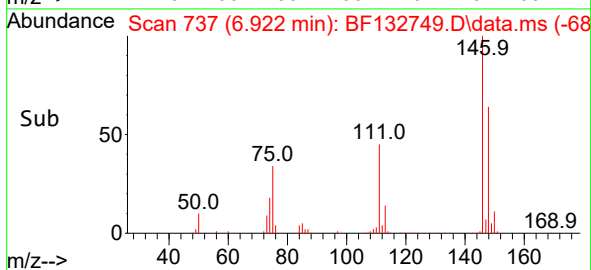
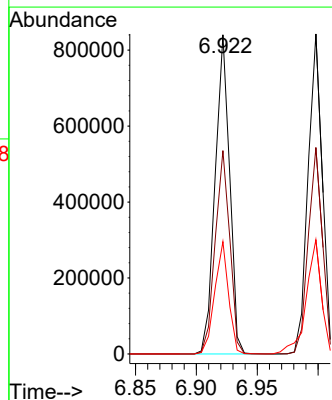
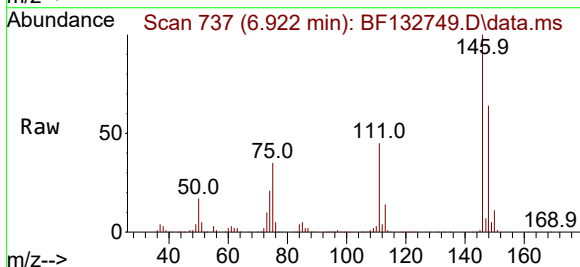
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

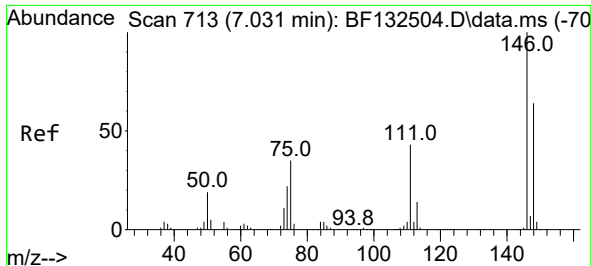
Tgt Ion: 93 Resp: 723310
Ion Ratio Lower Upper
93 100
63 75.5 59.6 99.6
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.191 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:146 Resp: 696538
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 35.2 28.9 43.3

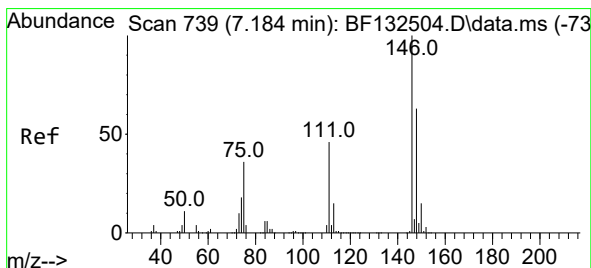
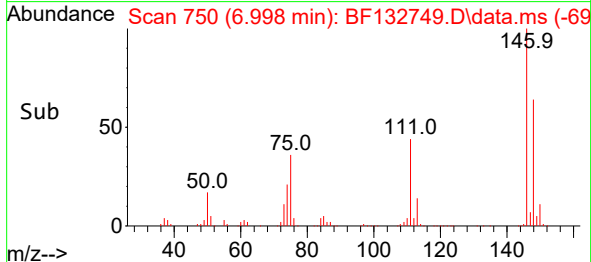
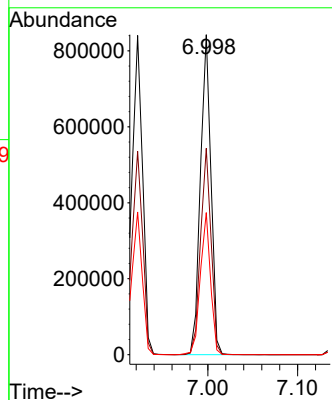
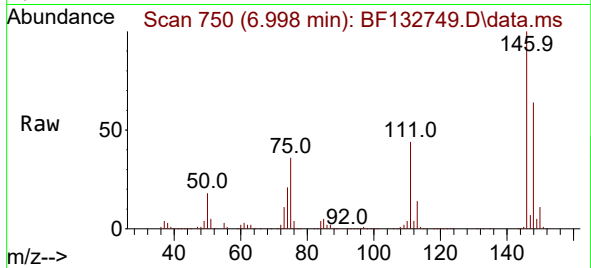




#13
1,4-Dichlorobenzene
Concen: 44.619 ng
RT: 6.998 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

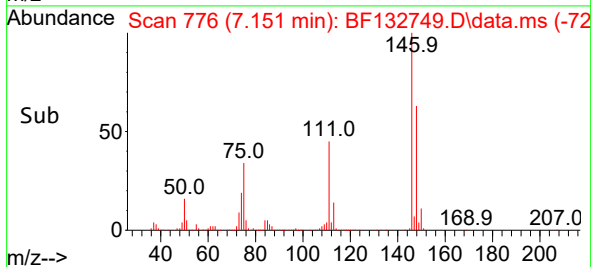
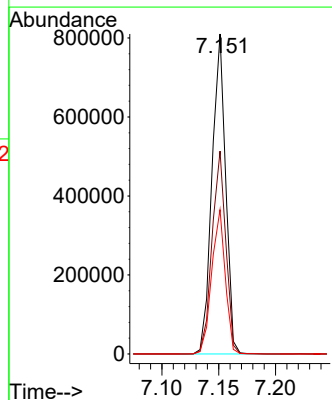
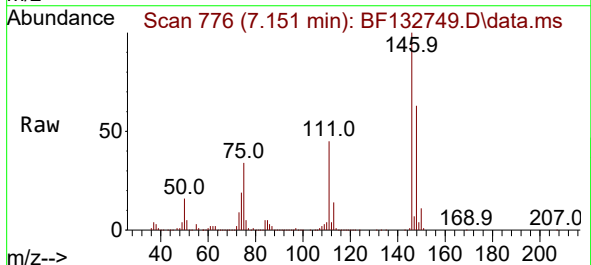
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

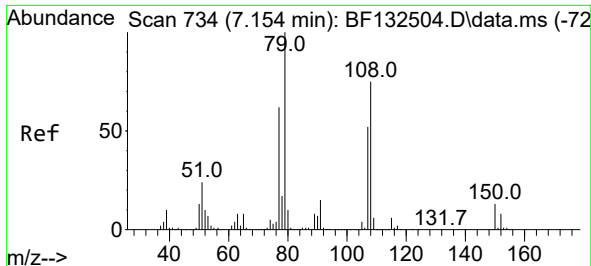
Tgt Ion:146 Resp: 686691
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 44.4 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 45.735 ng
RT: 7.151 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:146 Resp: 675512
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 45.1 37.2 55.8

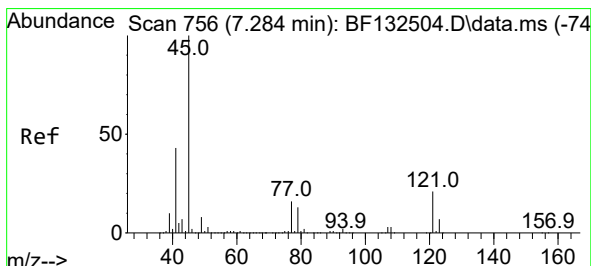
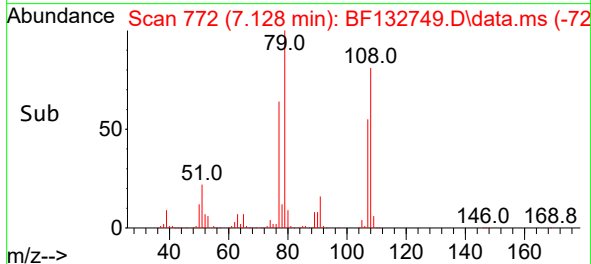
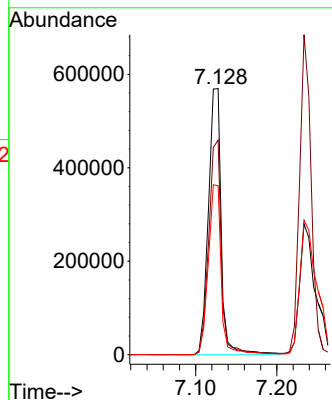
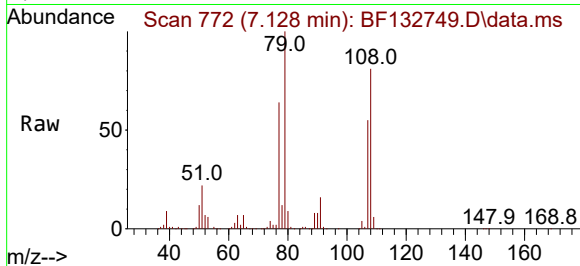




#15
Benzyl Alcohol
Concen: 44.835 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

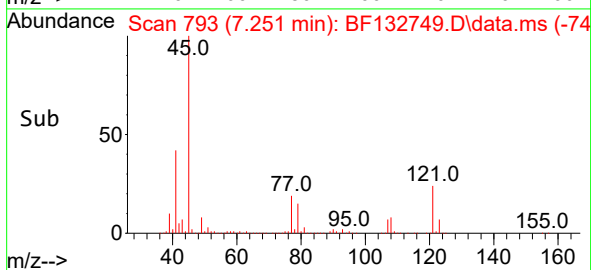
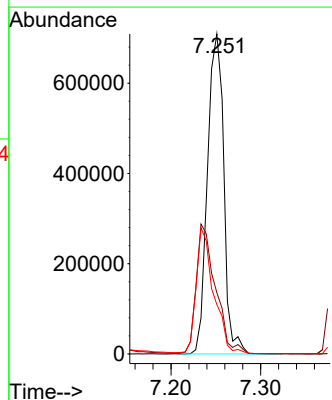
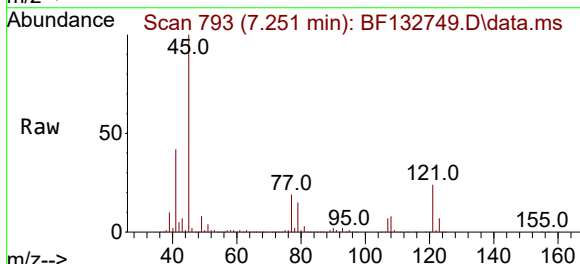
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

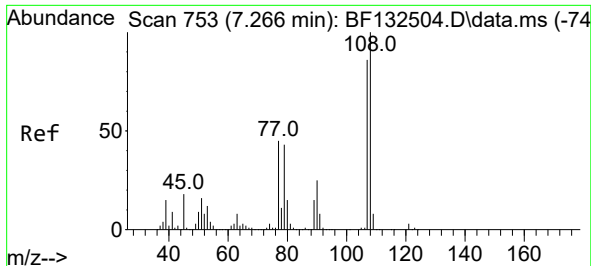
Tgt Ion: 79 Resp: 623627
Ion Ratio Lower Upper
79 100
108 80.6 60.2 90.4
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.915 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 45 Resp: 895147
Ion Ratio Lower Upper
45 100
77 19.1 0.0 36.4
79 15.5 0.0 33.4

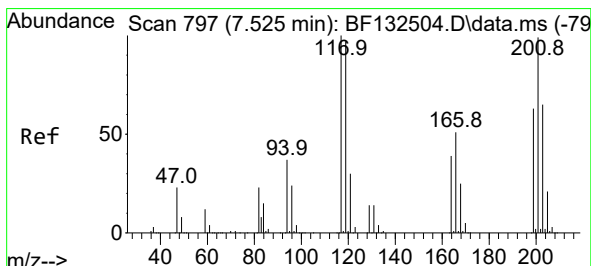
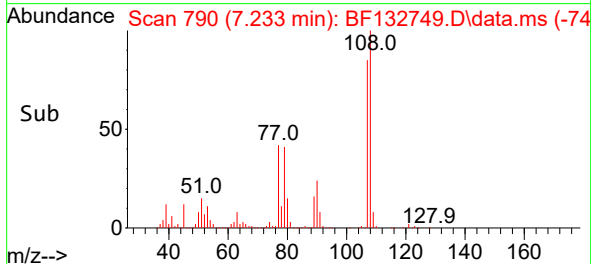
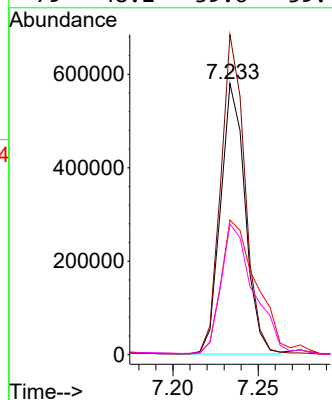
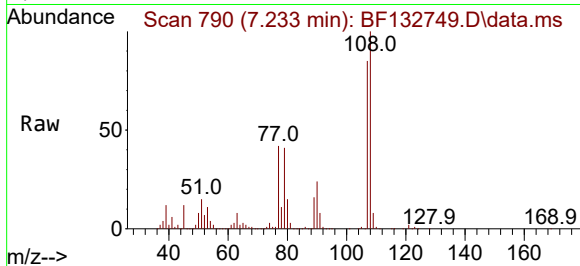




#17
2-Methylphenol
Concen: 43.301 ng
RT: 7.233 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

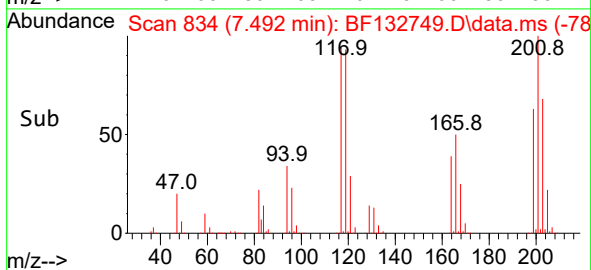
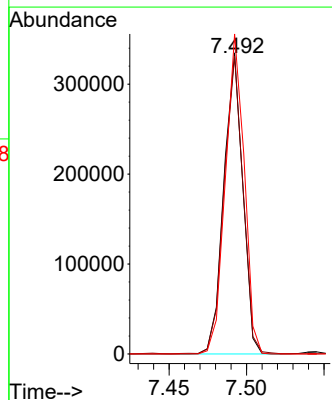
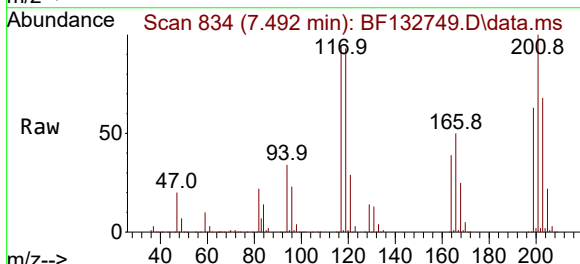
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

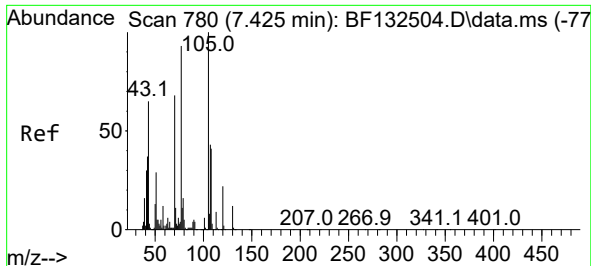
Tgt Ion:107 Resp: 580428
Ion Ratio Lower Upper
107 100
108 118.1 93.0 139.4
77 49.6 42.1 63.1
79 48.2 39.6 59.4



#18
Hexachloroethane
Concen: 47.165 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:117 Resp: 283588
Ion Ratio Lower Upper
117 100
119 98.9 78.0 117.0
201 106.2 79.0 118.4

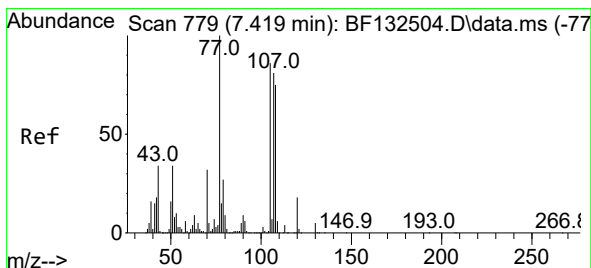
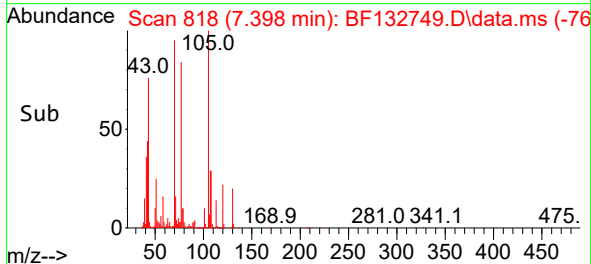
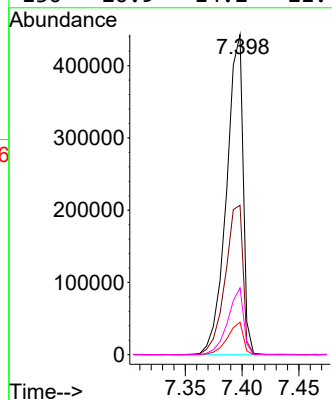
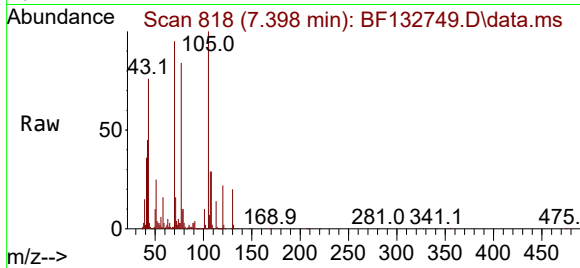




#19
n-Nitroso-di-n-propylamine
Concen: 40.551 ng
RT: 7.398 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

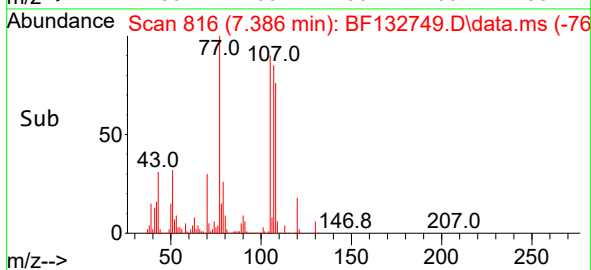
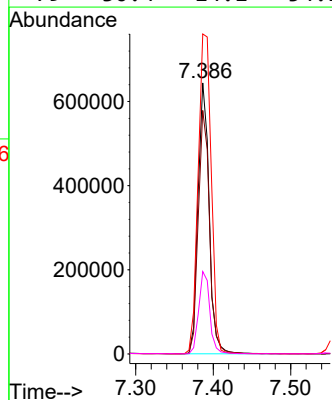
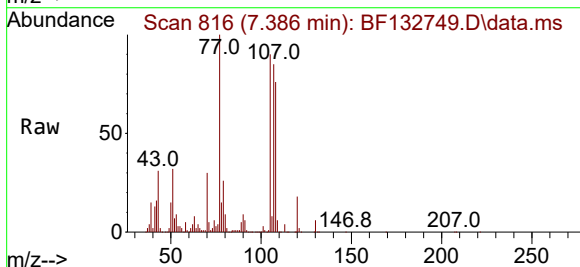
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

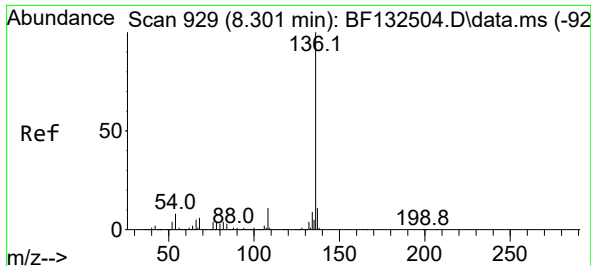
Tgt Ion: 70 Resp: 450736
Ion Ratio Lower Upper
70 100
42 46.7 44.1 66.1
101 10.2 7.4 11.2
130 20.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 37.058 ng
RT: 7.386 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 107 Resp: 641754
Ion Ratio Lower Upper
107 100
108 89.8 72.6 112.6
77 118.0 104.0 144.0
79 30.4 14.1 54.1

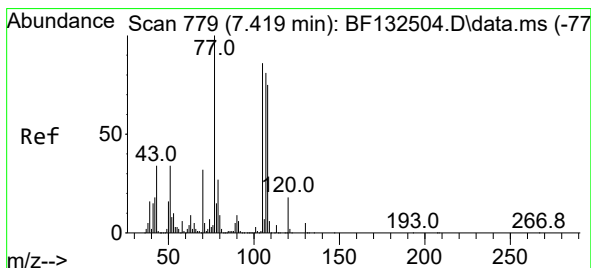
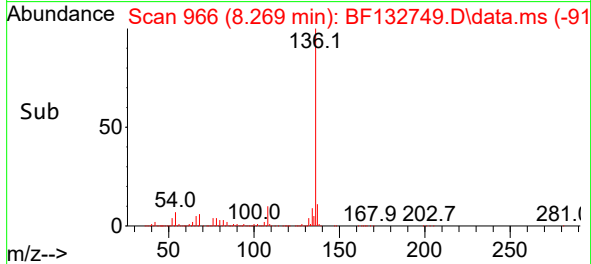
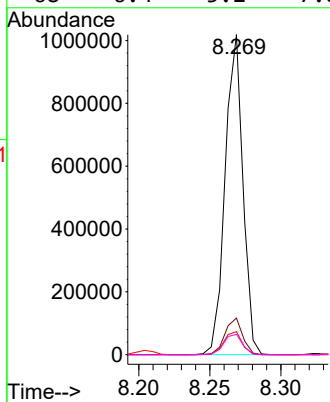
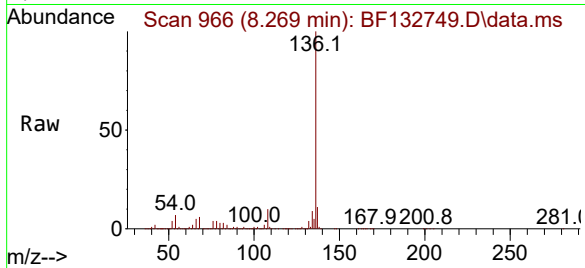




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

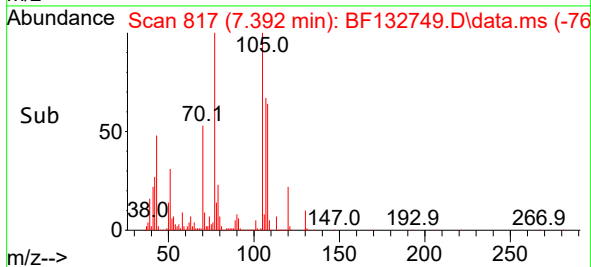
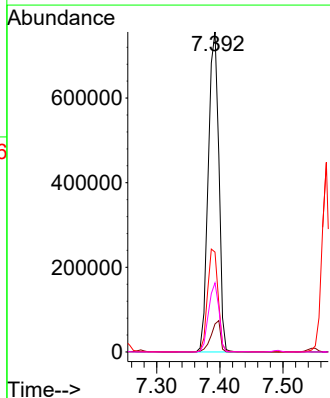
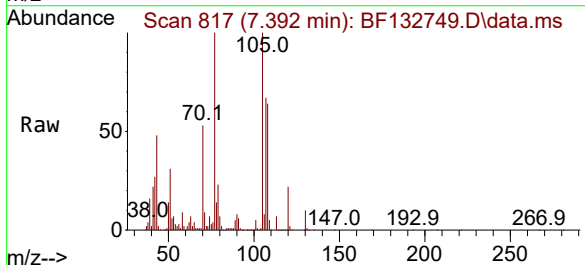
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

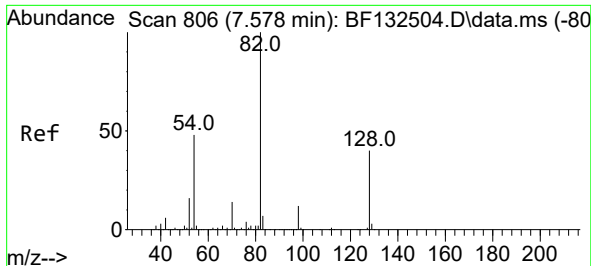
Tgt Ion:136 Resp: 885448
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.2 6.2 9.4
68 6.4 5.2 7.8



#22
Acetophenone
Concen: 39.221 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:105 Resp: 875694
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 31.2 31.5 47.3#
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 63.148 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

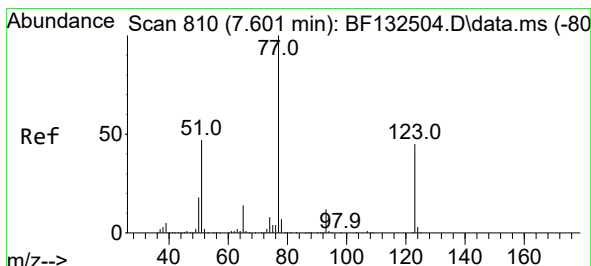
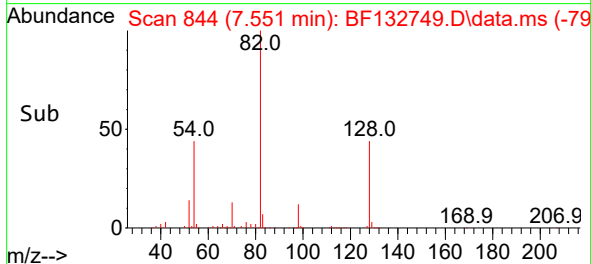
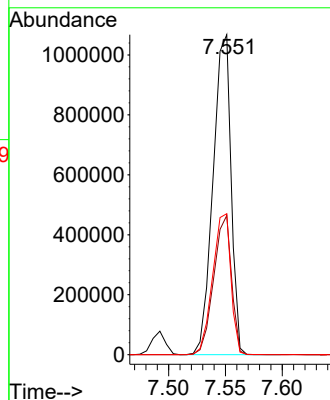
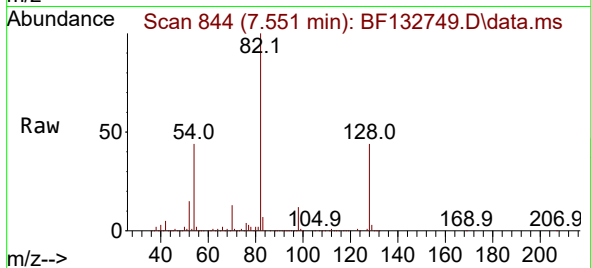
Tgt Ion: 82 Resp: 1178528

Ion Ratio Lower Upper

82 100

128 43.5 32.2 48.2

54 44.0 38.4 57.6



#24

Nitrobenzene

Concen: 39.417 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

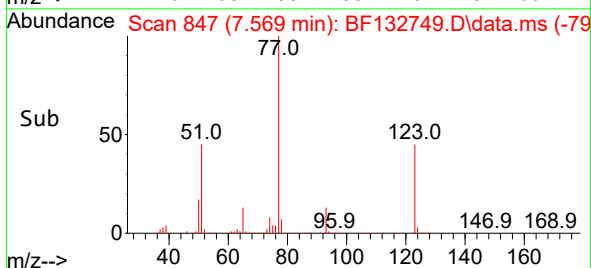
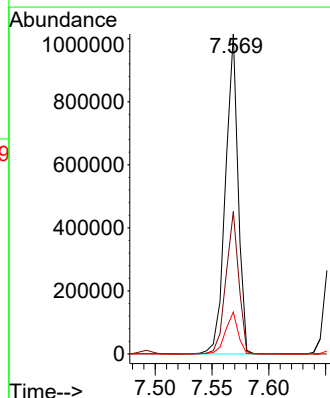
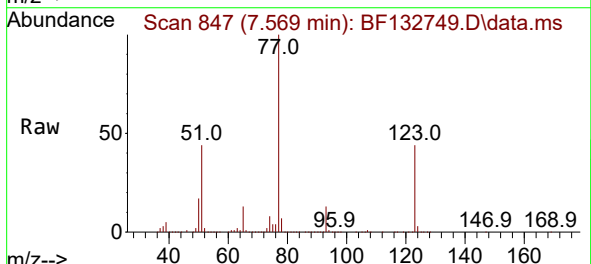
Tgt Ion: 77 Resp: 786760

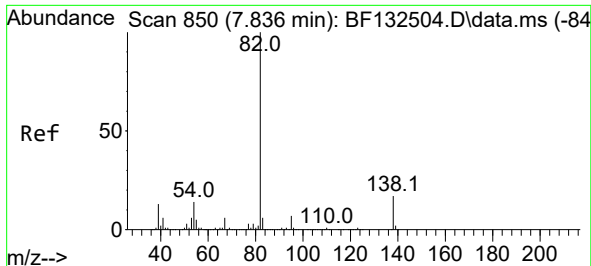
Ion Ratio Lower Upper

77 100

123 44.5 35.8 53.6

65 13.1 10.9 16.3

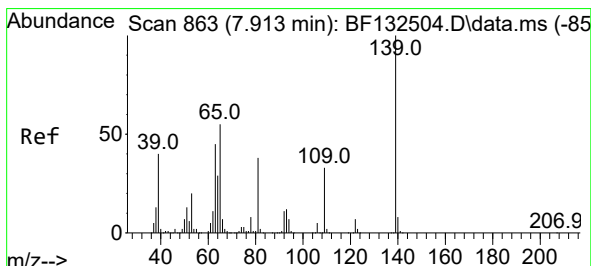
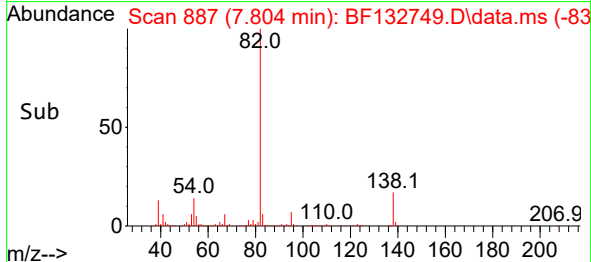
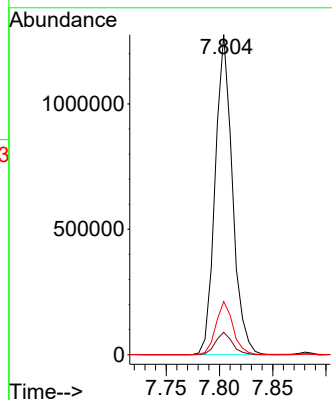
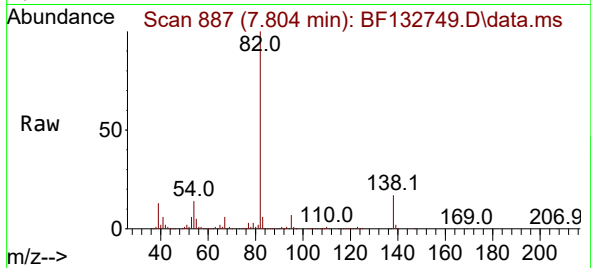




#25
Isophorone
Concen: 40.043 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

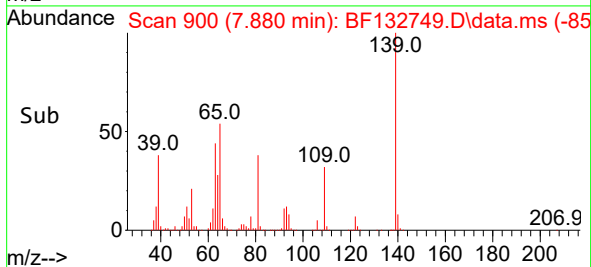
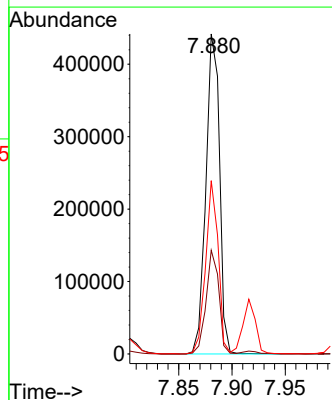
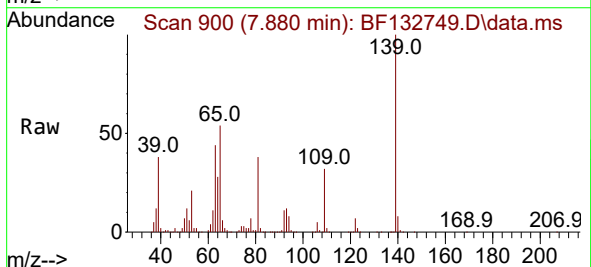
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

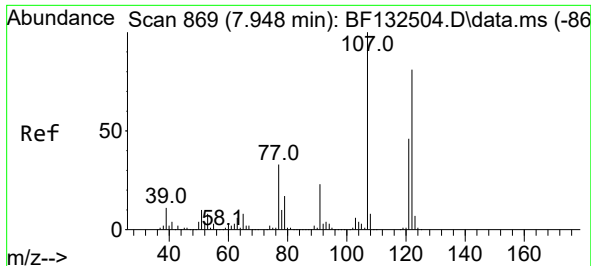
Tgt Ion: 82 Resp: 1432780
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.6 13.3 19.9



#26
2-Nitrophenol
Concen: 44.838 ng
RT: 7.880 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:139 Resp: 394865
Ion Ratio Lower Upper
139 100
109 32.4 26.2 39.2
65 54.2 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 43.819 ng

RT: 7.916 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

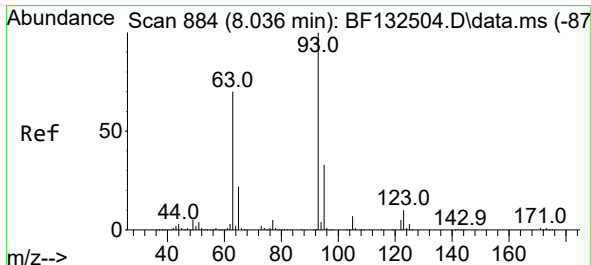
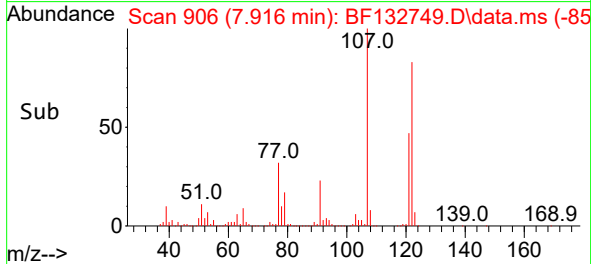
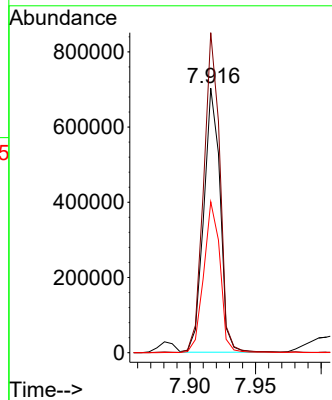
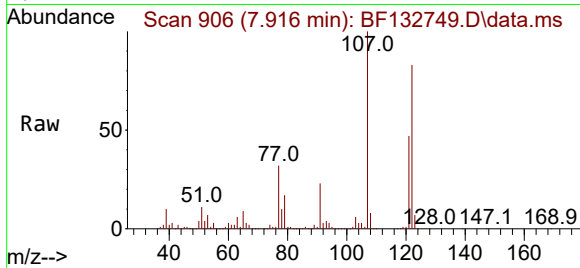
Tgt Ion:122 Resp: 609055

Ion Ratio Lower Upper

122 100

107 121.0 98.7 148.1

121 57.1 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.129 ng

RT: 8.010 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

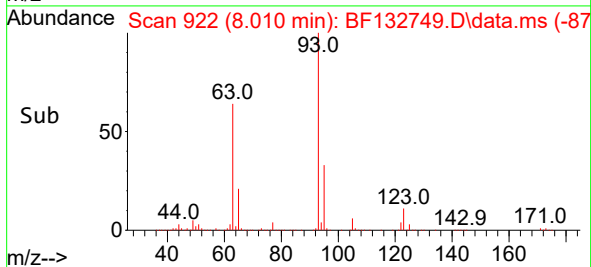
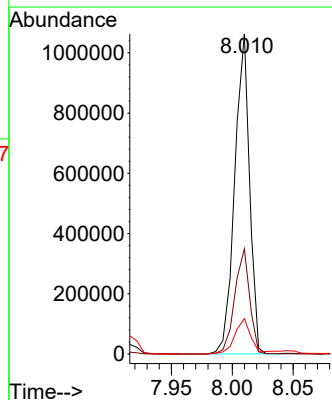
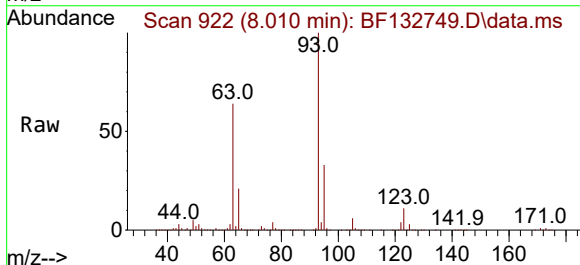
Tgt Ion: 93 Resp: 902755

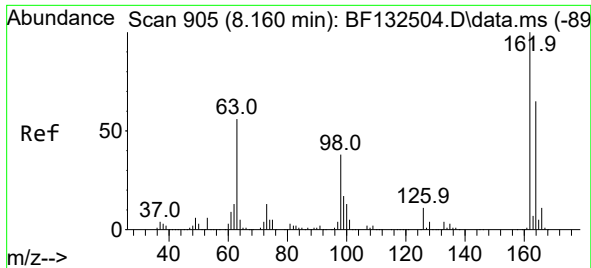
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.1 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.016 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

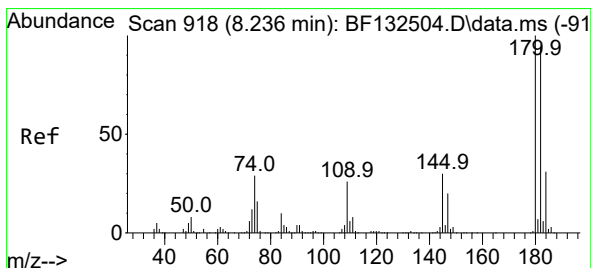
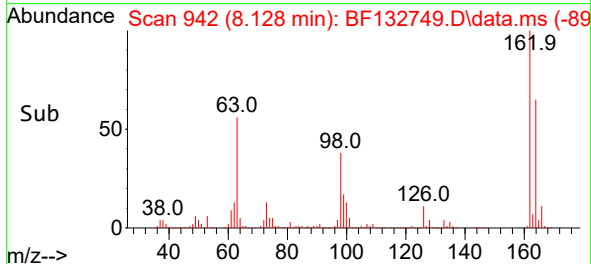
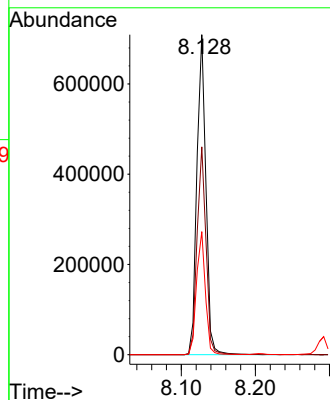
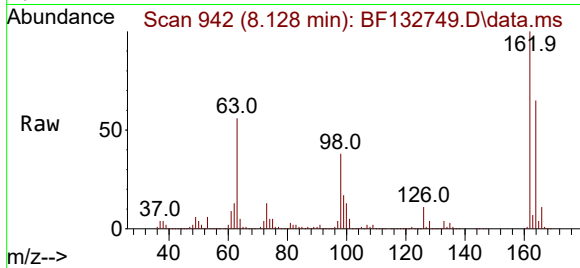
Tgt Ion:162 Resp: 594749

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

98 38.5 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.904 ng

RT: 8.204 min Scan# 955

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

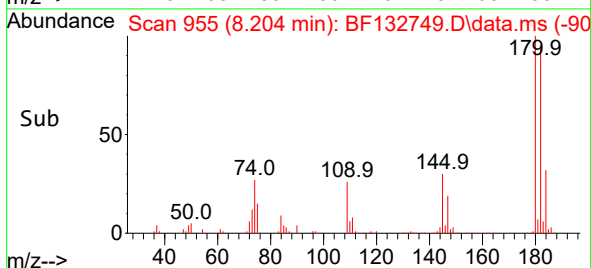
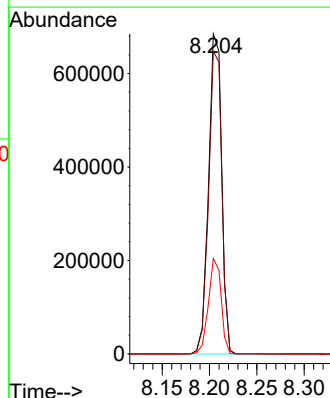
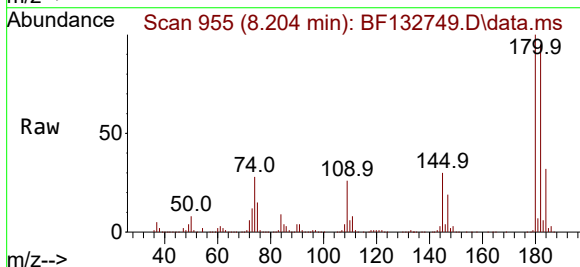
Tgt Ion:180 Resp: 659147

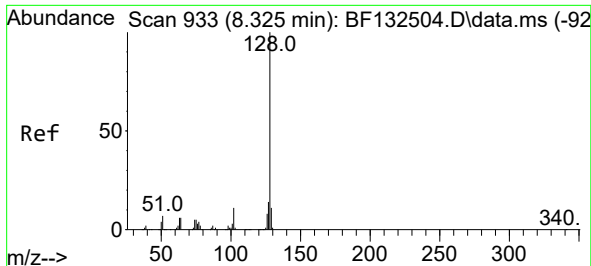
Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 29.9 23.8 35.6

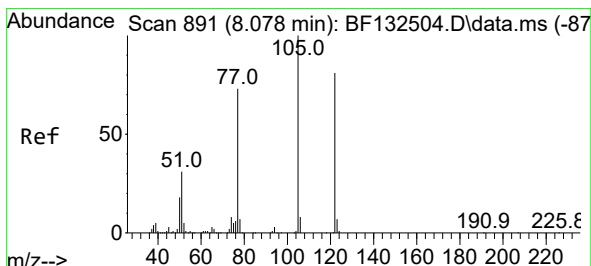
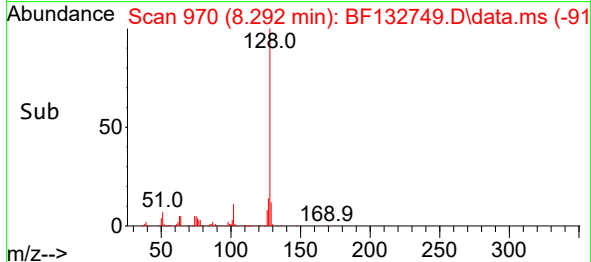
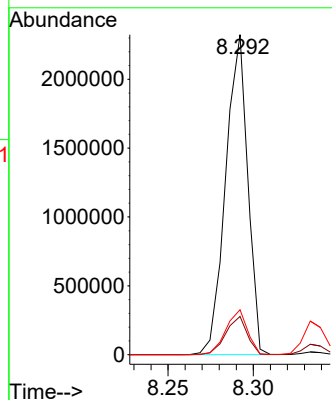
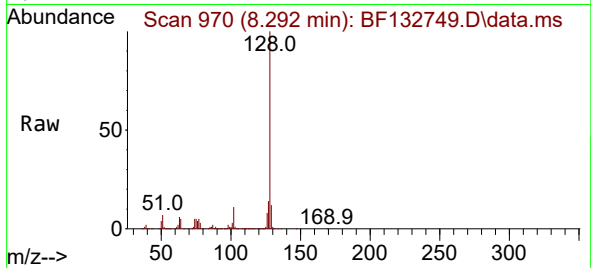




#31
Naphthalene
Concen: 46.145 ng
RT: 8.292 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

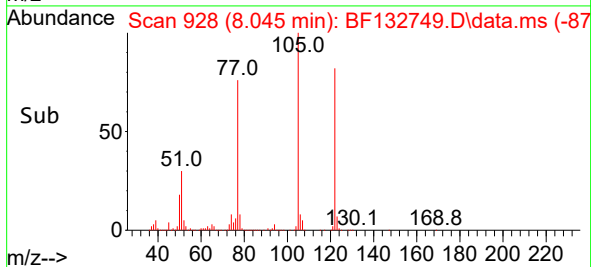
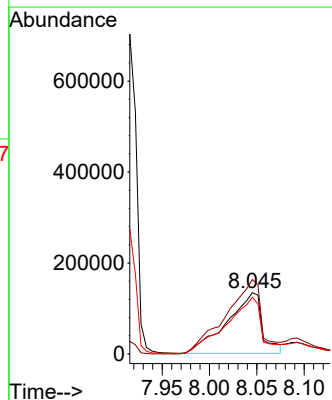
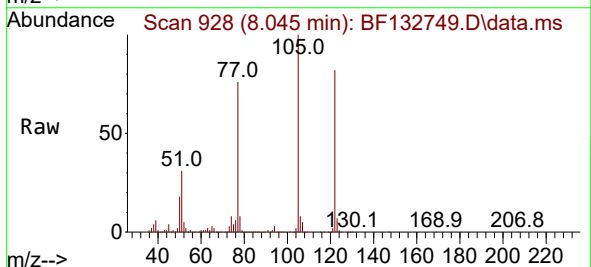
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

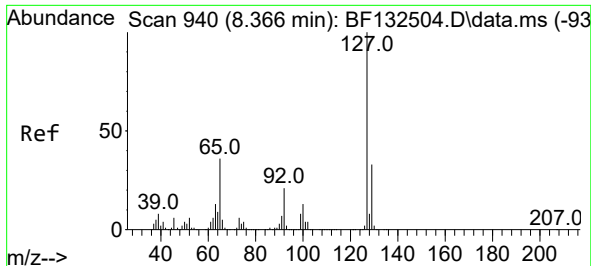
Tgt Ion:128 Resp: 2091736
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 14.0 11.0 16.6



#32
Benzoic acid
Concen: 32.905 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:122 Resp: 346048
Ion Ratio Lower Upper
122 100
105 121.5 102.6 142.6
77 92.7 70.2 110.2

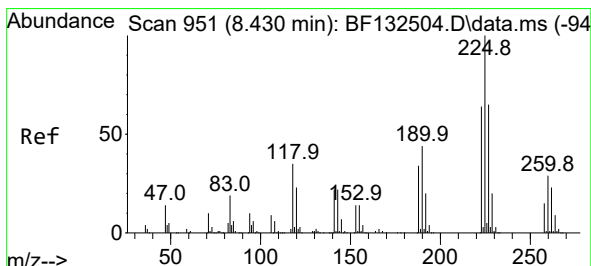
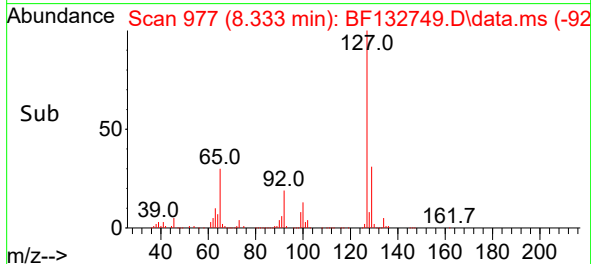
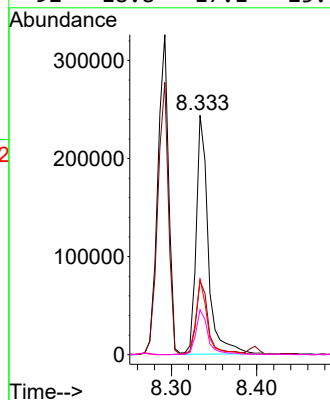
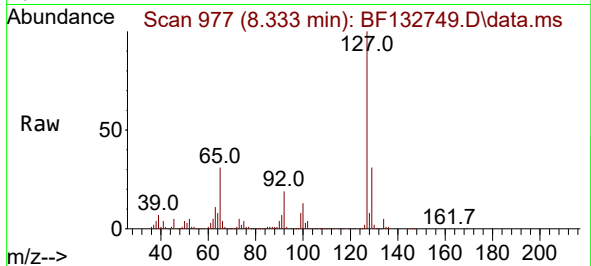




#33
4-Chloroaniline
Concen: 12.283 ng
RT: 8.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

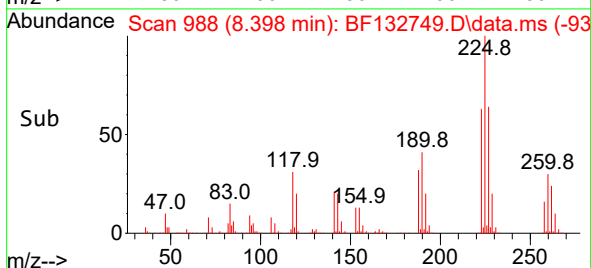
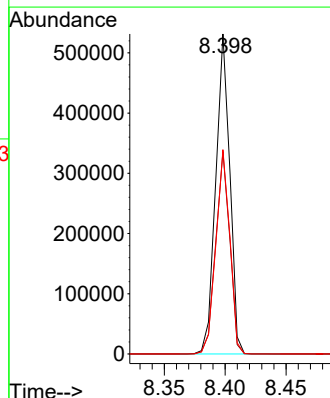
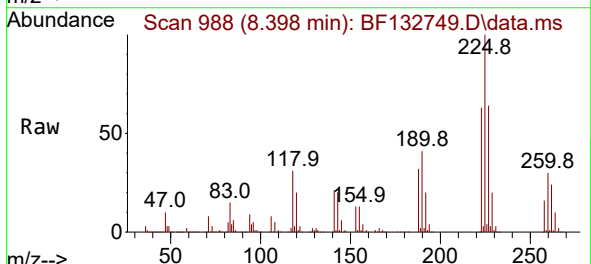
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

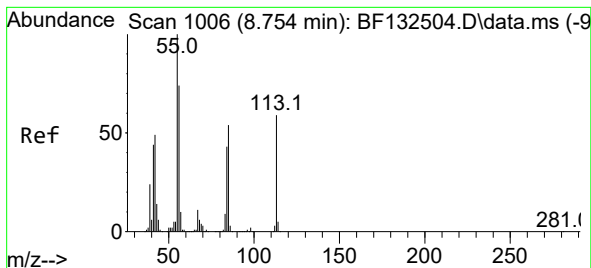
Tgt Ion:	127	Resp:	238585
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.4	39.6
65	31.5	28.8	43.2
92	18.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 44.577 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:	225	Resp:	425280
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	63.8	51.7	77.5





#35

Caprolactam

Concen: 37.371 ng

RT: 8.727 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

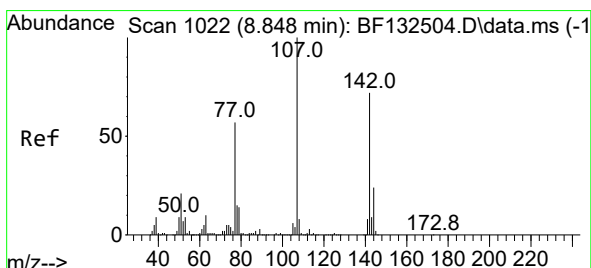
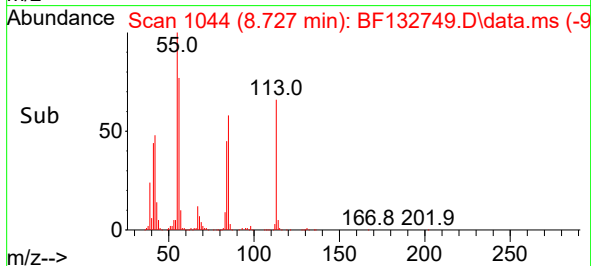
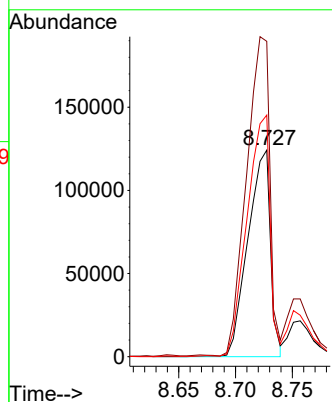
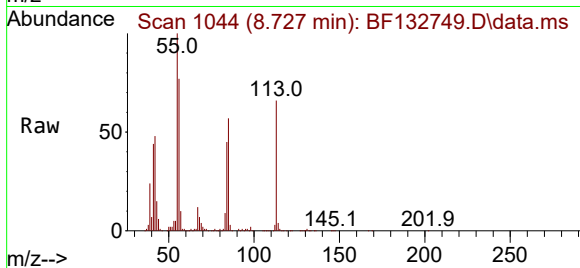
Tgt Ion:113 Resp: 170343

Ion Ratio Lower Upper

113 100

55 152.6 149.4 189.4

56 117.0 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 41.643 ng

RT: 8.827 min Scan# 1061

Delta R.T. 0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

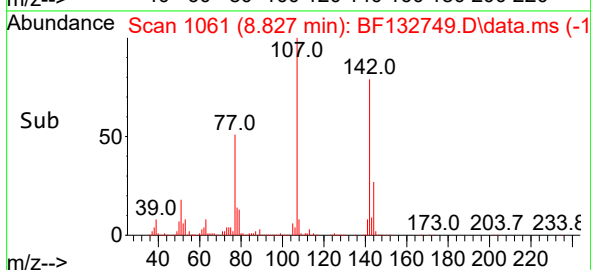
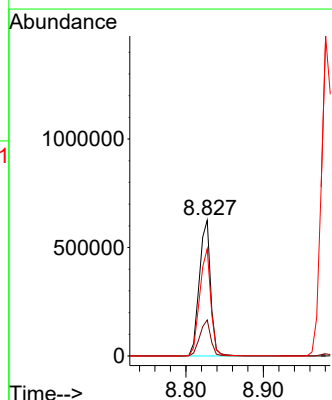
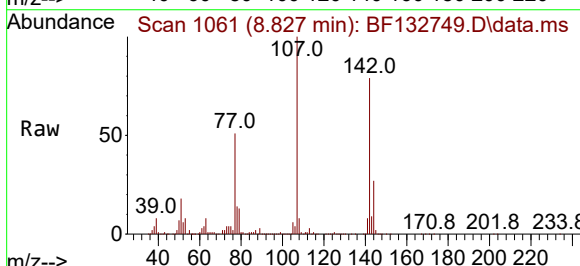
Tgt Ion:107 Resp: 632310

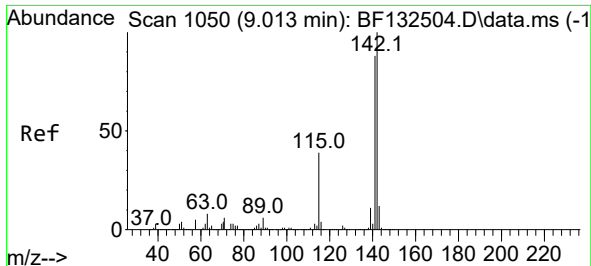
Ion Ratio Lower Upper

107 100

144 26.5 18.9 28.3

142 79.0 57.9 86.9





#37

2-Methylnaphthalene

Concen: 43.532 ng

RT: 8.980 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

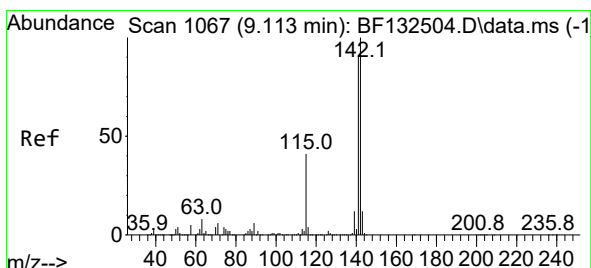
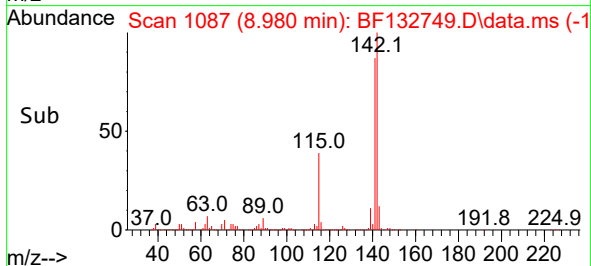
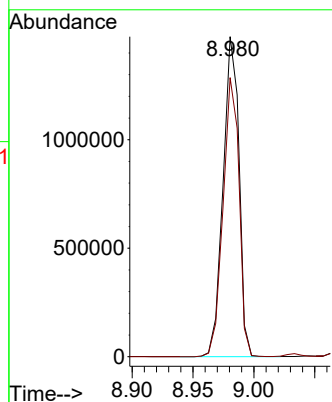
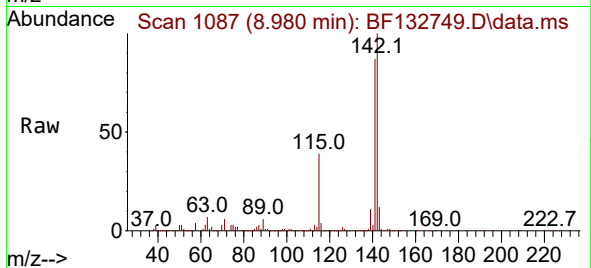
TP-4MSD

Tgt Ion:142 Resp: 1344780

Ion Ratio Lower Upper

142 100

141 87.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 41.912 ng

RT: 9.080 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132749.D

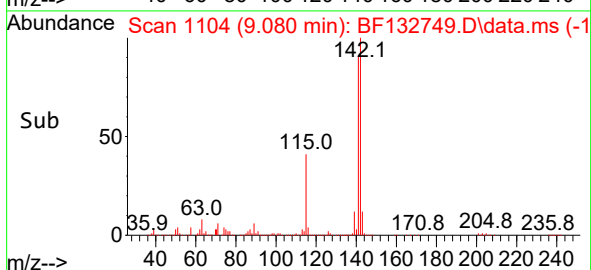
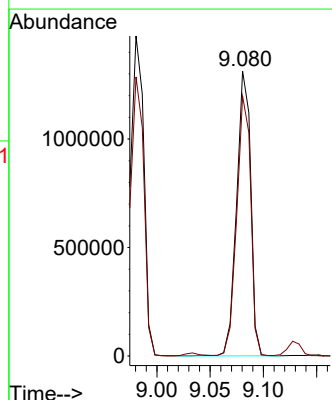
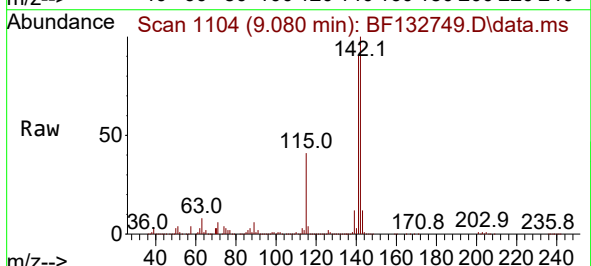
Acq: 10 Mar 2023 19:15

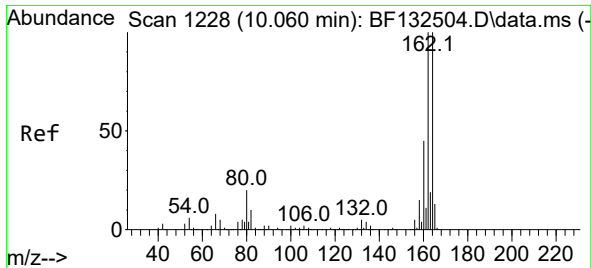
Tgt Ion:142 Resp: 1209959

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.6

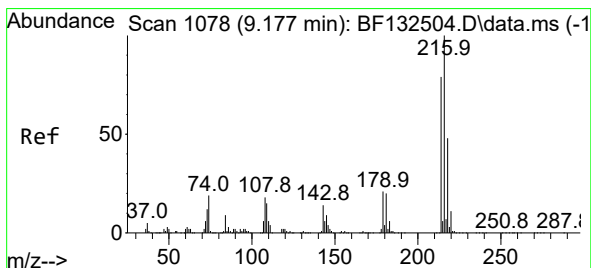
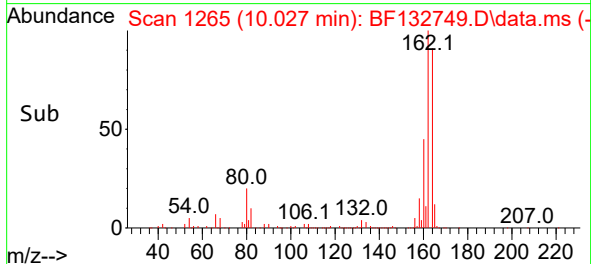
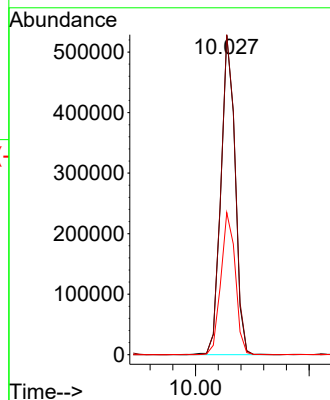
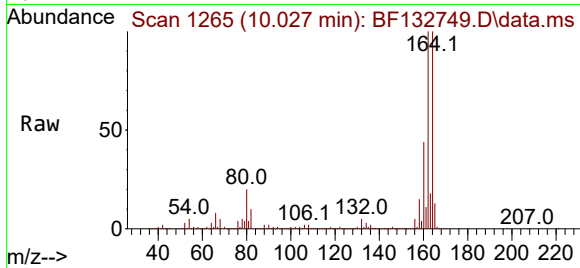




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

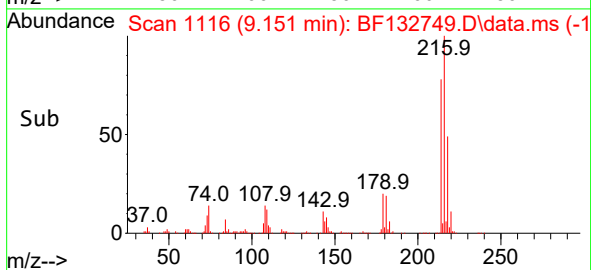
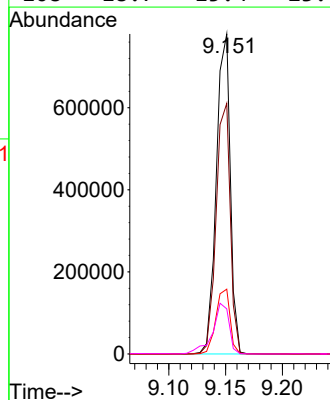
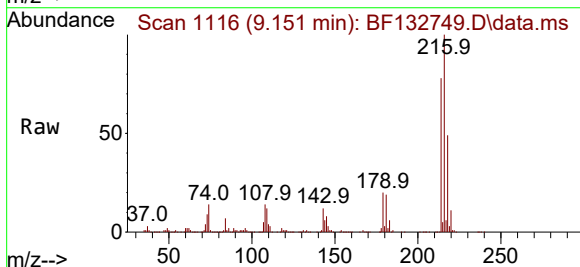
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

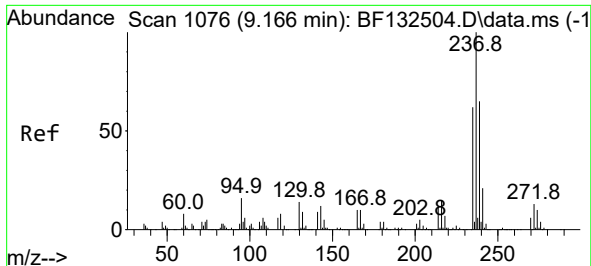
Tgt Ion:164 Resp: 457137
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.542 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:216 Resp: 666195
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 20.6 16.6 24.8
108 18.7 15.4 23.0

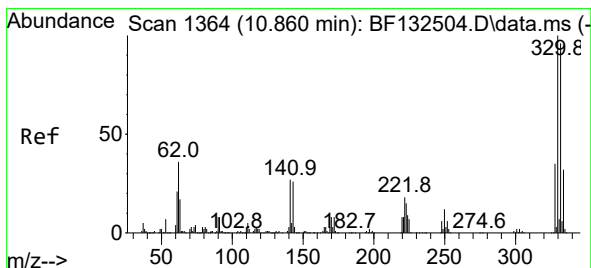
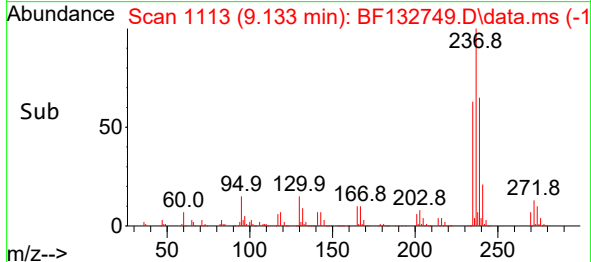
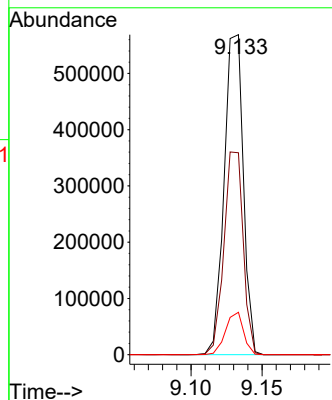
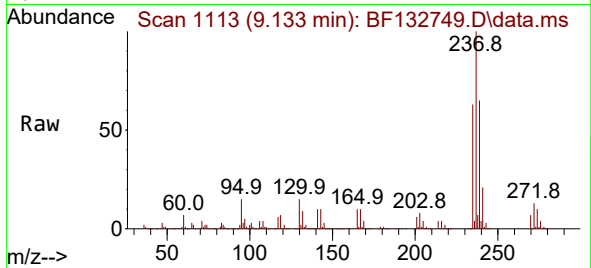




#41
Hexachlorocyclopentadiene
Concen: 66.019 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

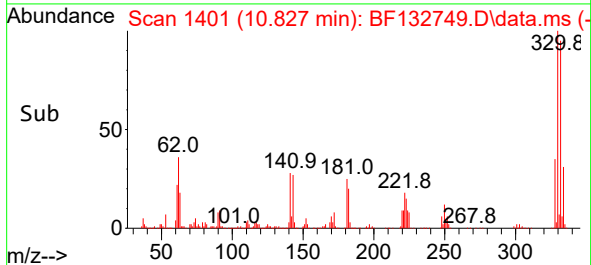
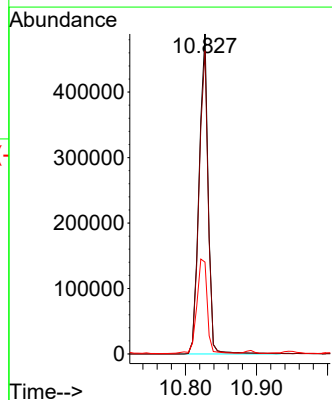
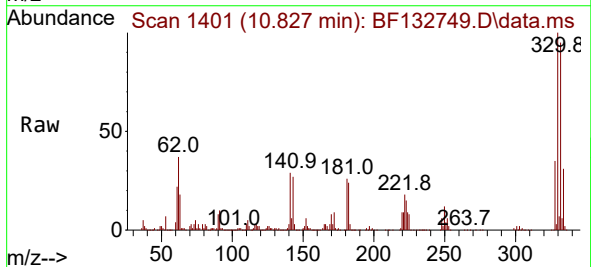
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

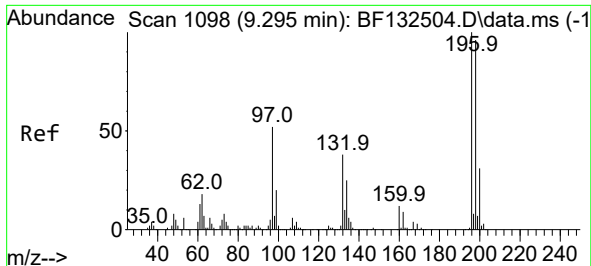
Tgt Ion:237 Resp: 535561
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 13.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 88.043 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:330 Resp: 434656
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.8 28.4 42.6

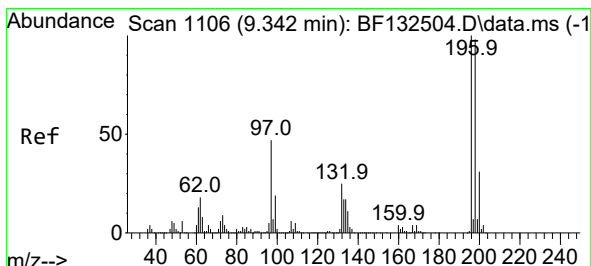
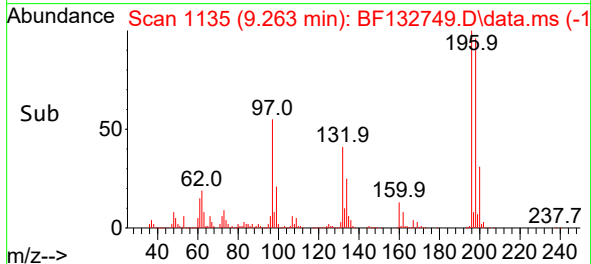
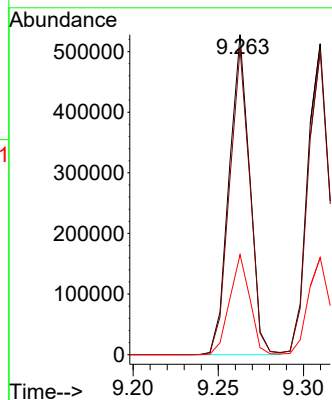
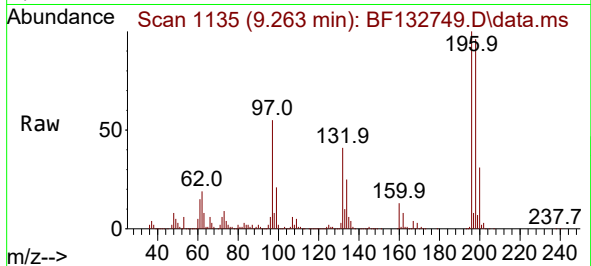




#43
2,4,6-Trichlorophenol
Concen: 43.828 ng
RT: 9.263 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

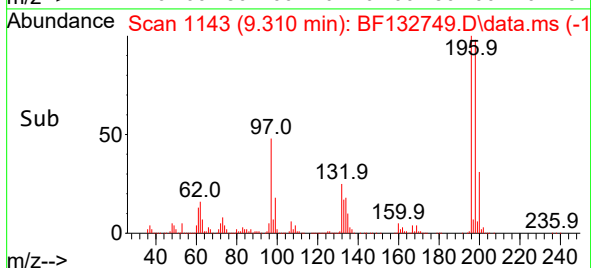
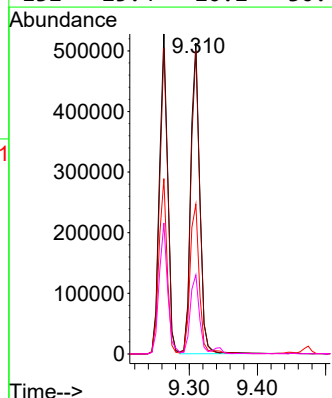
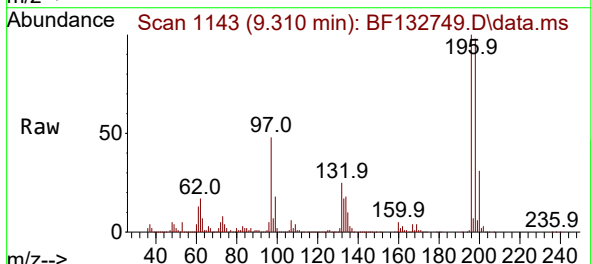
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

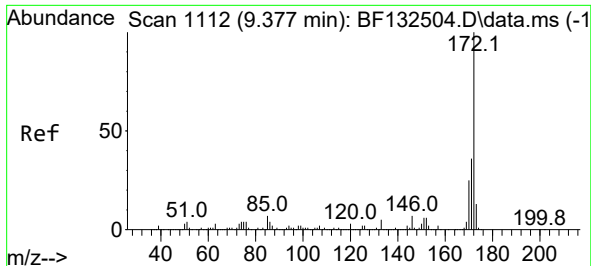
Tgt Ion:196 Resp: 444232
Ion Ratio Lower Upper
196 100
198 95.6 77.1 115.7
200 31.2 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.448 ng
RT: 9.310 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:196 Resp: 466675
Ion Ratio Lower Upper
196 100
198 97.6 78.3 117.5
97 48.1 38.1 57.1
132 25.4 20.2 30.4

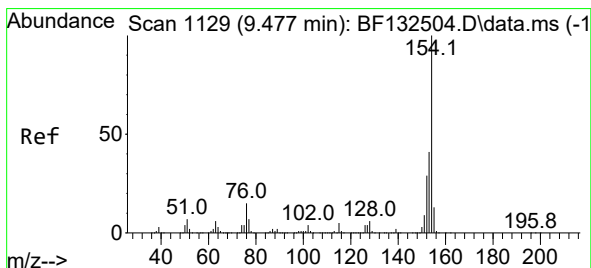
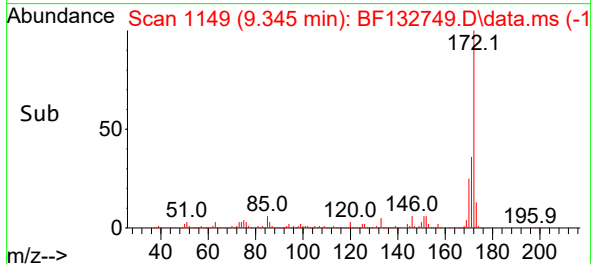
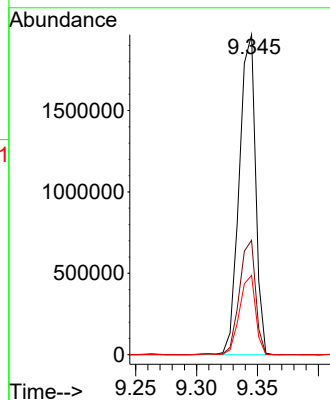
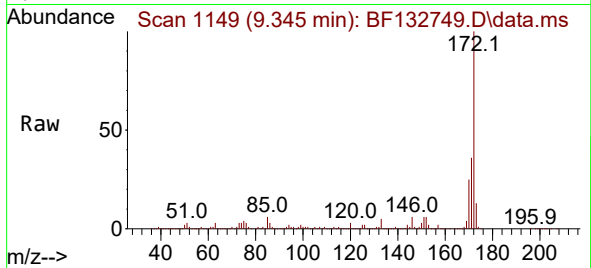




#45
2-Fluorobiphenyl
Concen: 60.818 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

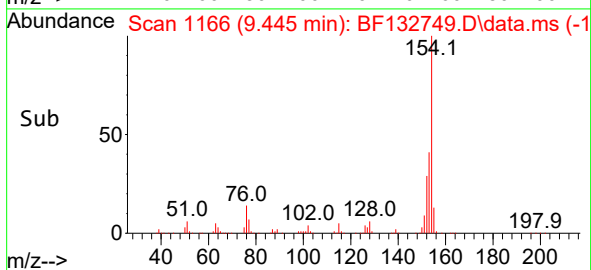
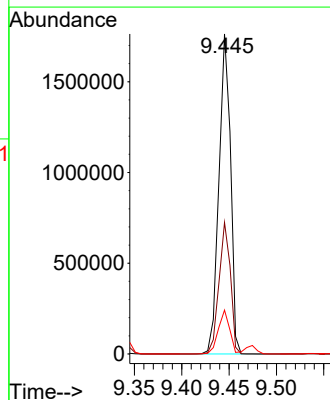
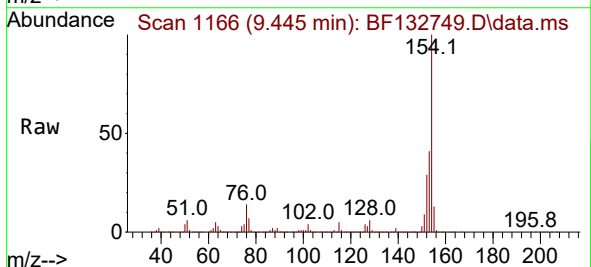
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

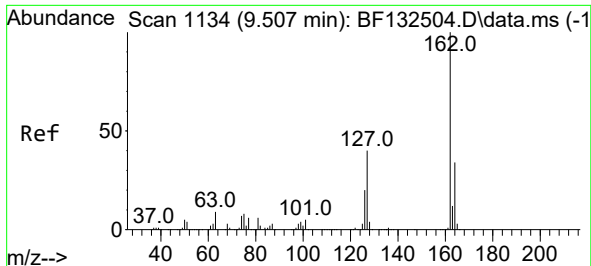
Tgt Ion:172 Resp: 1825882
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 43.438 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:154 Resp: 1502965
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 13.7 0.0 34.7

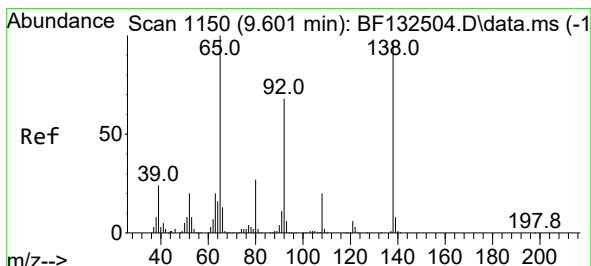
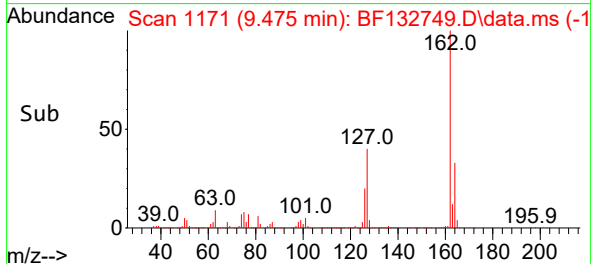
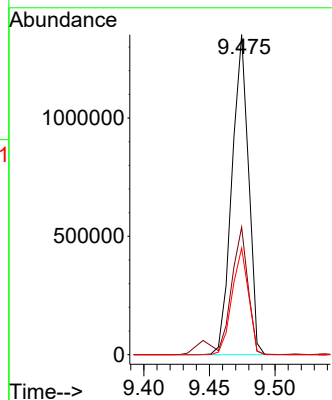
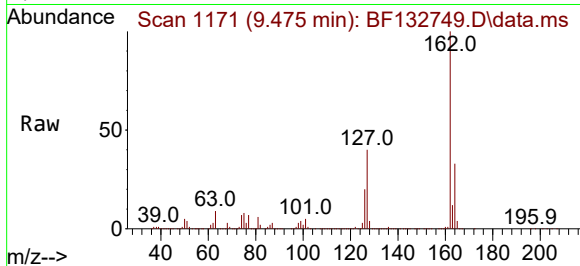




#47
2-Chloronaphthalene
Concen: 43.417 ng
RT: 9.475 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

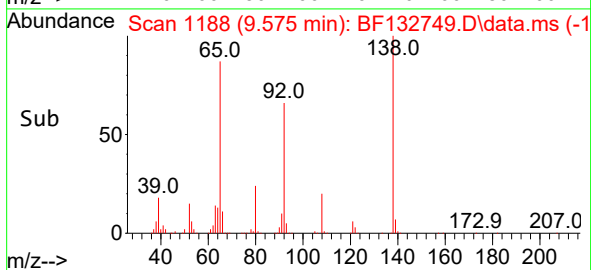
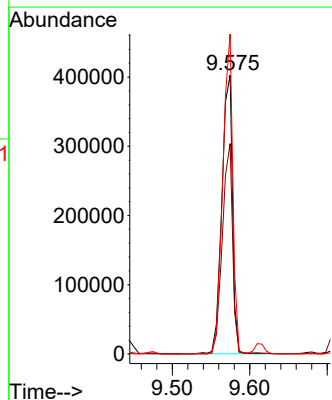
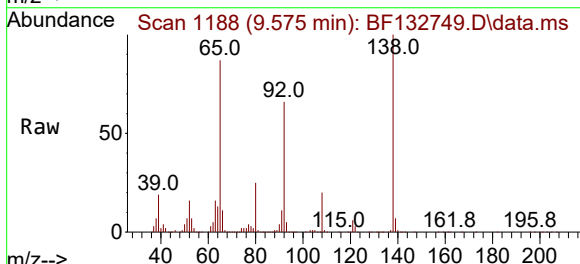
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

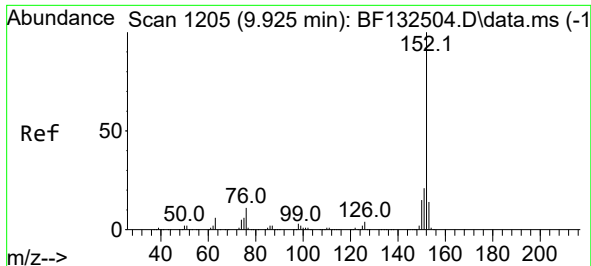
Tgt Ion:162 Resp: 1191021
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 33.3 26.9 40.3



#48
2-Nitroaniline
Concen: 37.920 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 65 Resp: 383126
Ion Ratio Lower Upper
65 100
92 75.4 54.5 81.7
138 114.7 77.2 115.8





#49

Acenaphthylene

Concen: 40.141 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

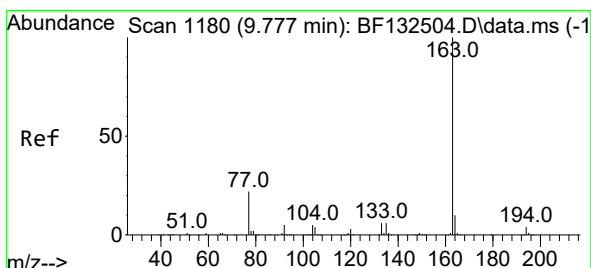
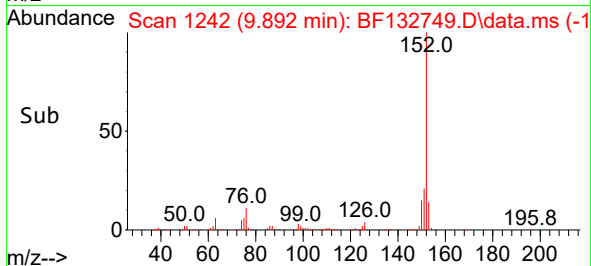
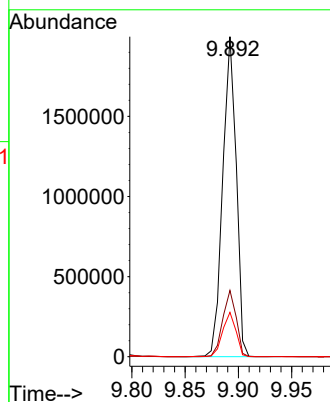
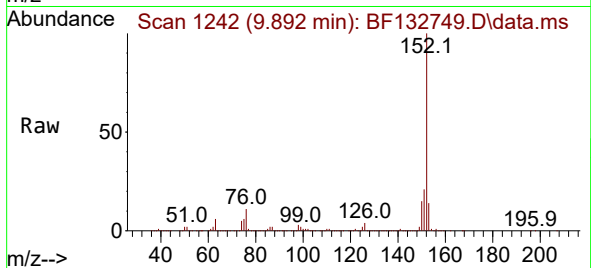
Tgt Ion:152 Resp: 1752527

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.9 11.0 16.6



#50

Dimethylphthalate

Concen: 43.715 ng

RT: 9.745 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

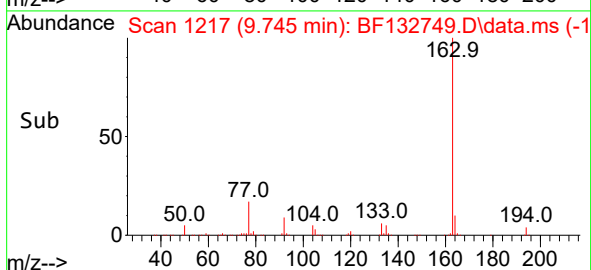
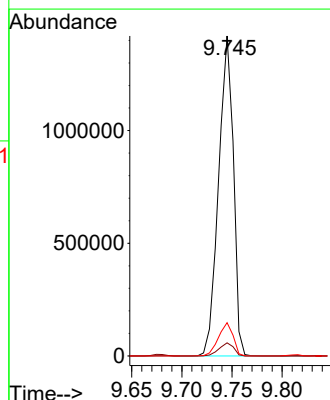
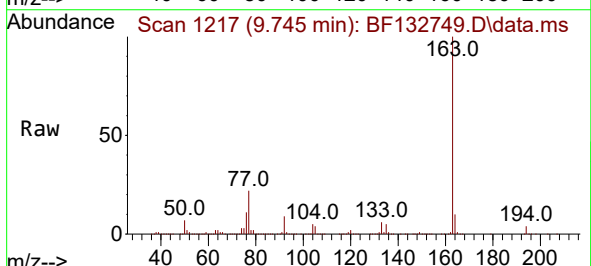
Tgt Ion:163 Resp: 1455075

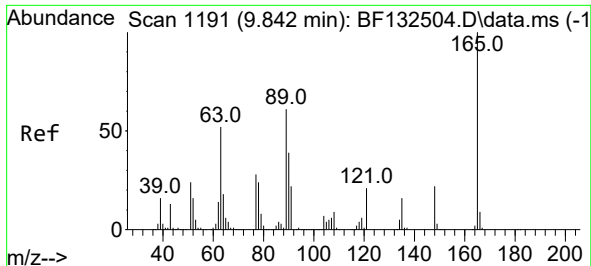
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.3 12.5

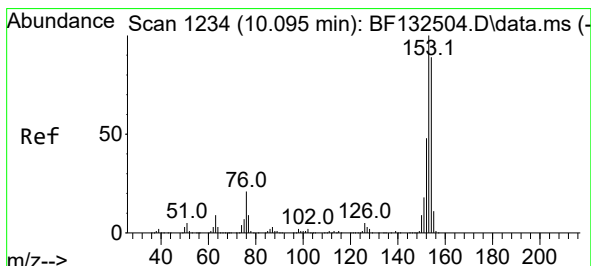
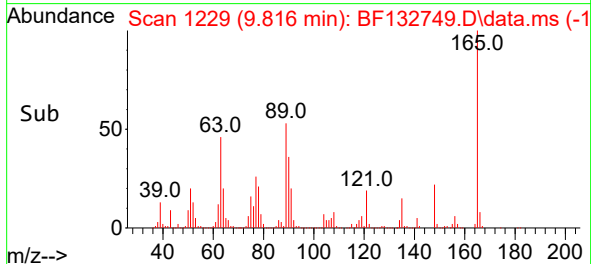
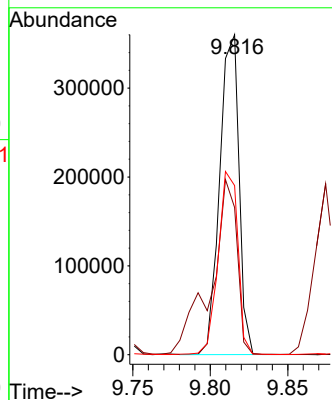
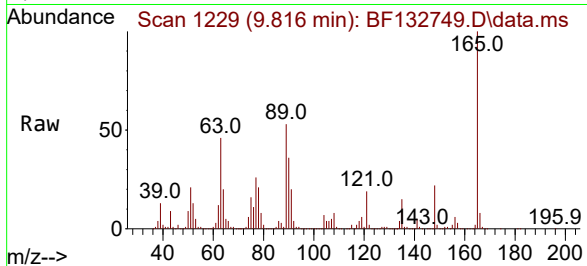




#51
2,6-Dinitrotoluene
Concen: 41.176 ng
RT: 9.816 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

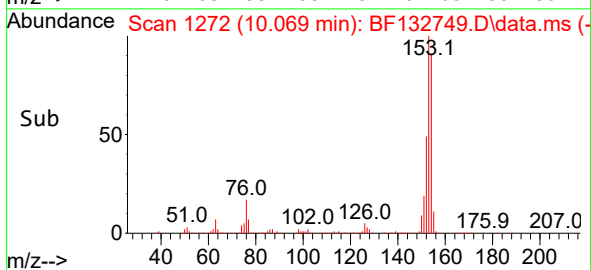
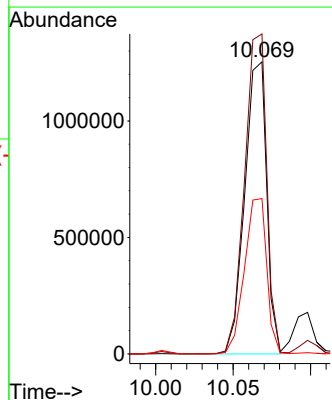
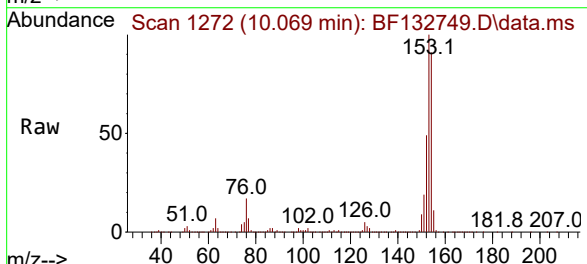
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

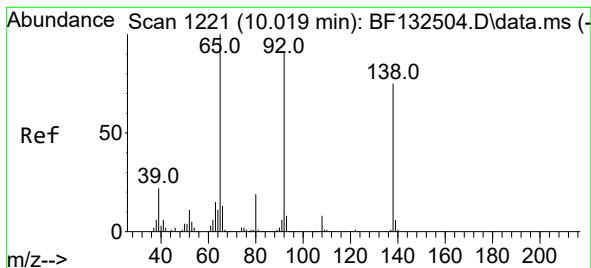
Tgt Ion:165 Resp: 312126
Ion Ratio Lower Upper
165 100
63 46.0 47.3 70.9#
89 52.8 48.9 73.3



#52
Acenaphthene
Concen: 44.524 ng
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:154 Resp: 1234348
Ion Ratio Lower Upper
154 100
153 109.5 89.8 134.8
152 53.2 43.3 64.9





#53

3-Nitroaniline

Concen: 25.442 ng

RT: 9.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

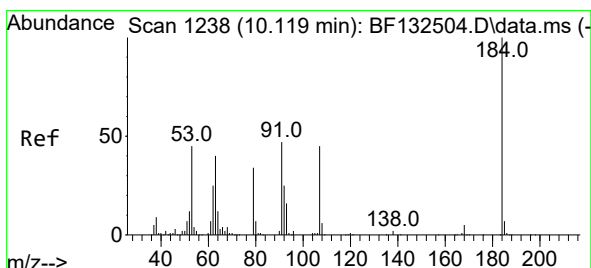
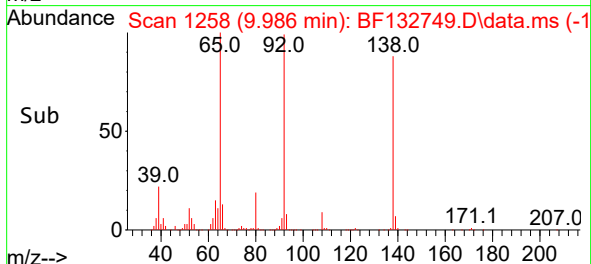
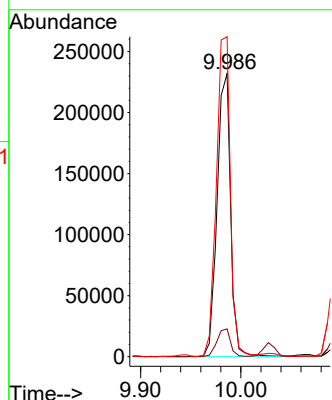
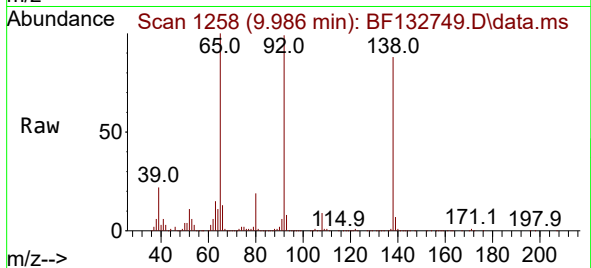
Tgt Ion:138 Resp: 215738

Ion Ratio Lower Upper

138 100

108 9.8 8.1 12.1

92 113.0 97.2 145.8



#54

2,4-Dinitrophenol

Concen: 57.438 ng

RT: 10.098 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

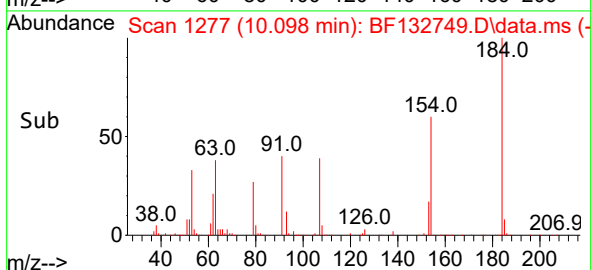
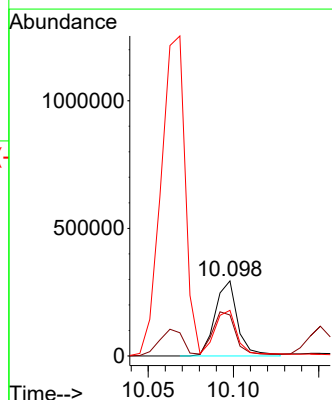
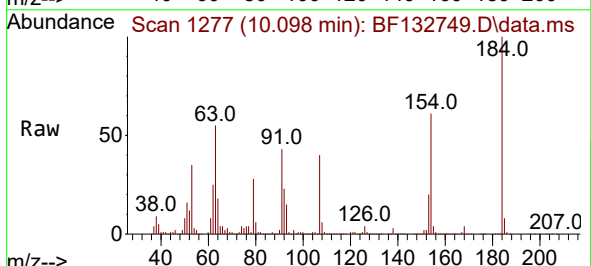
Tgt Ion:184 Resp: 271832

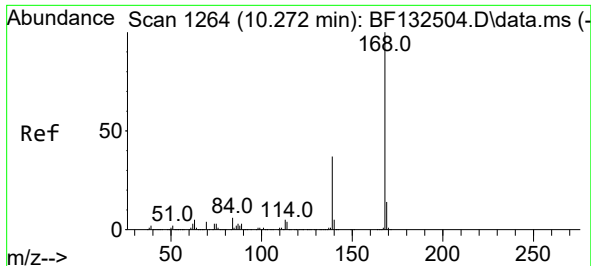
Ion Ratio Lower Upper

184 100

63 54.5 51.4 77.2

154 60.8 48.3 72.5

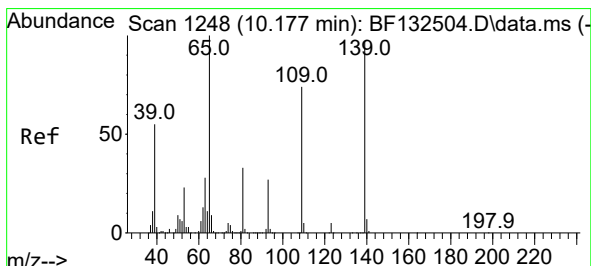
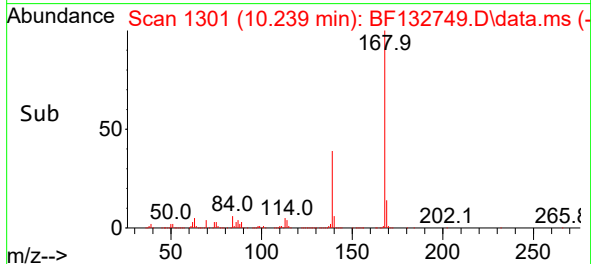
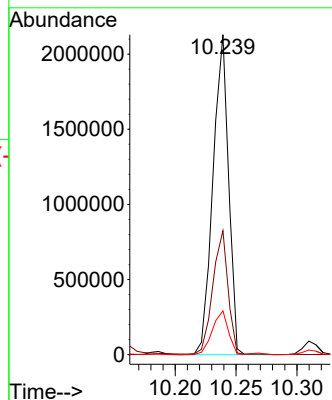
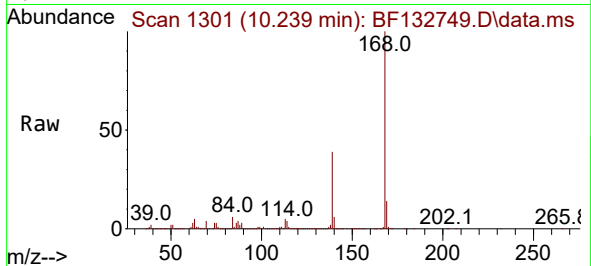




#55
Dibenzenofuran
Concen: 46.914 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

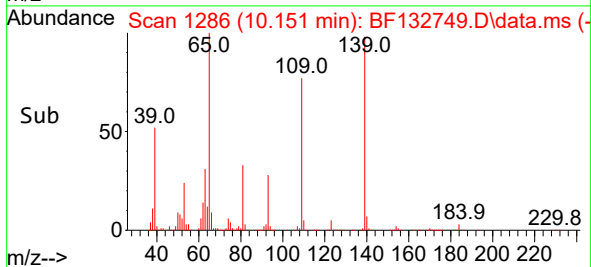
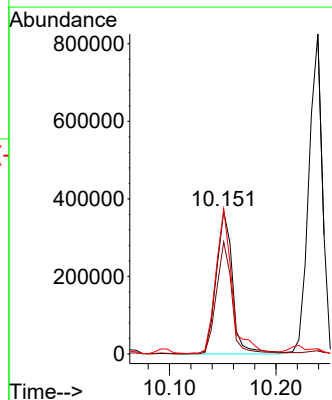
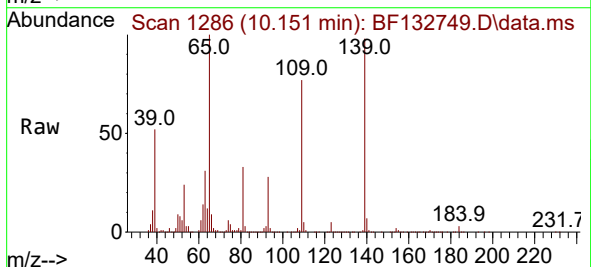
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

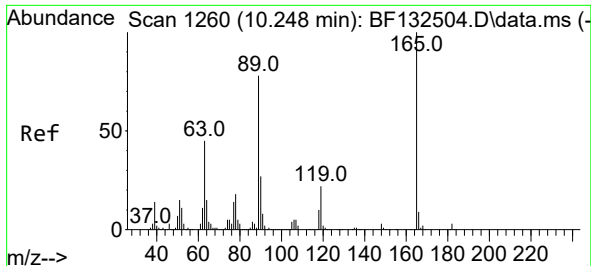
Tgt Ion:168 Resp: 1896066
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.6
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 61.937 ng
RT: 10.151 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:139 Resp: 391680
Ion Ratio Lower Upper
139 100
109 78.5 56.7 96.7
65 101.7 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 37.984 ng

RT: 10.222 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:165 Resp: 383055

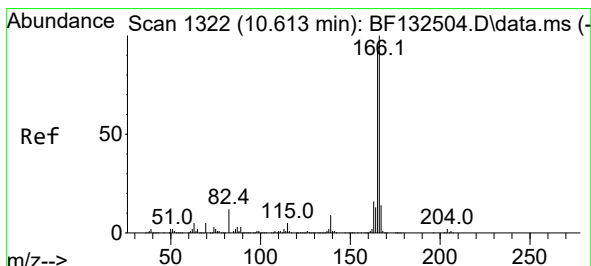
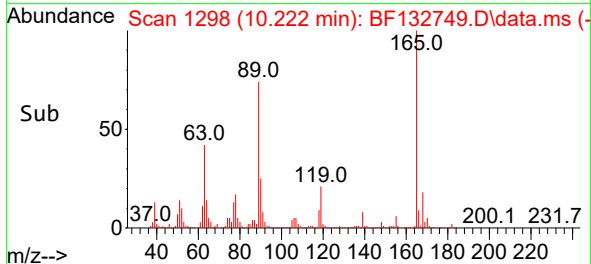
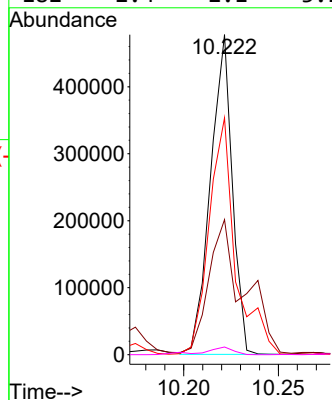
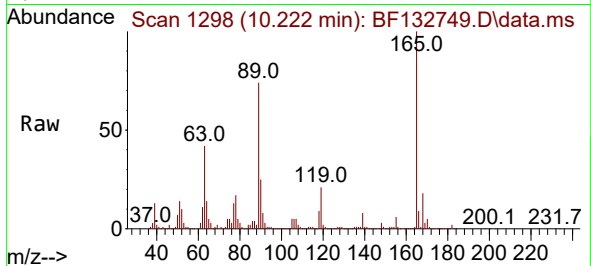
Ion Ratio Lower Upper

165 100

63 42.2 36.5 54.7

89 74.0 62.4 93.6

182 2.4 2.1 3.1



#58

Fluorene

Concen: 47.617 ng

RT: 10.580 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

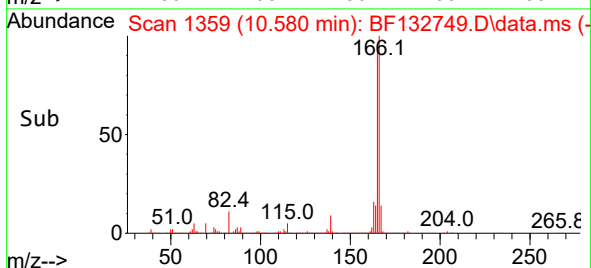
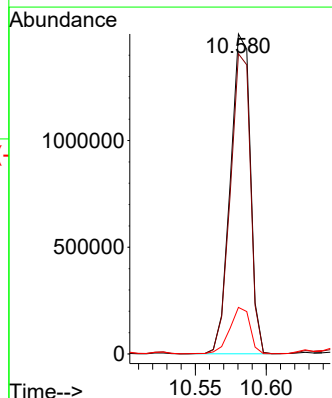
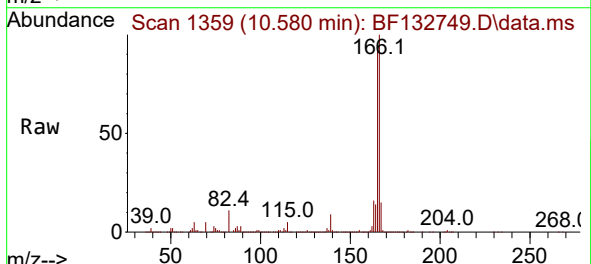
Tgt Ion:166 Resp: 1472036

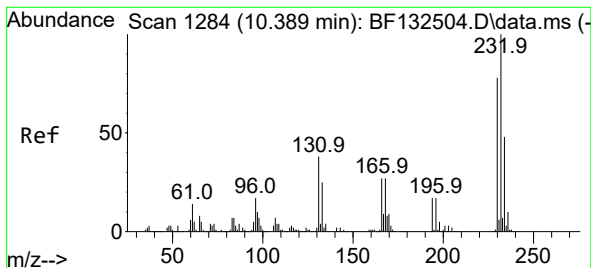
Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.4

167 14.5 11.1 16.7

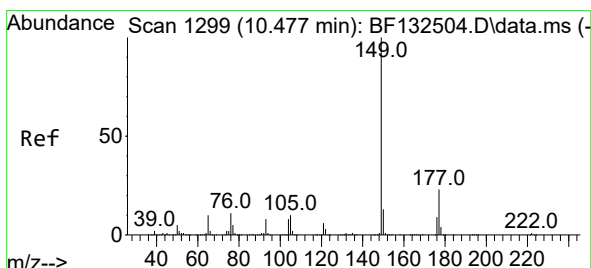
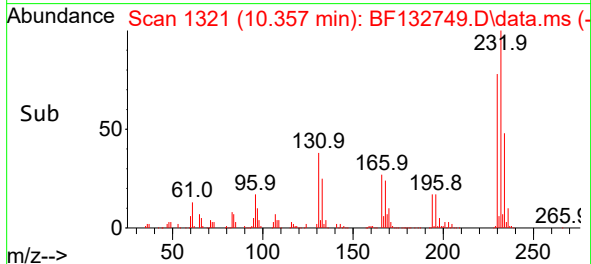
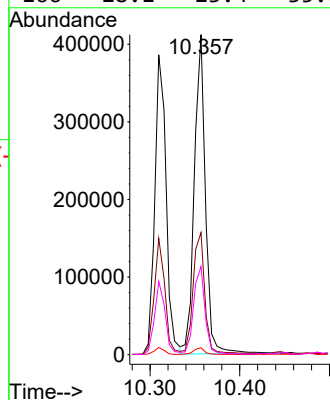
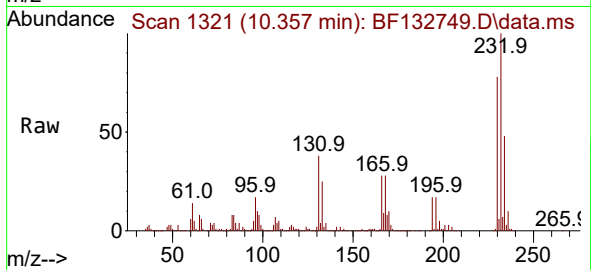




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.389 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

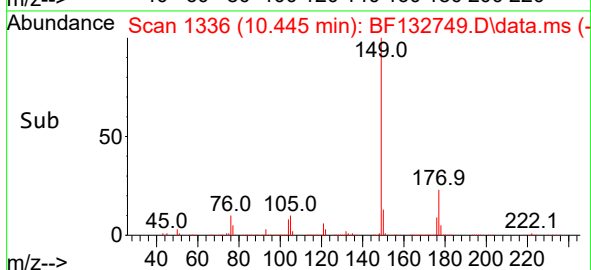
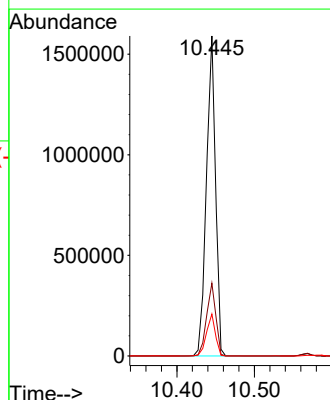
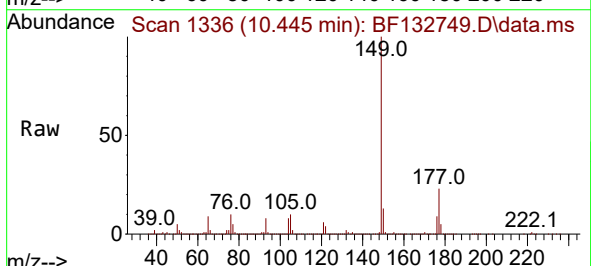
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

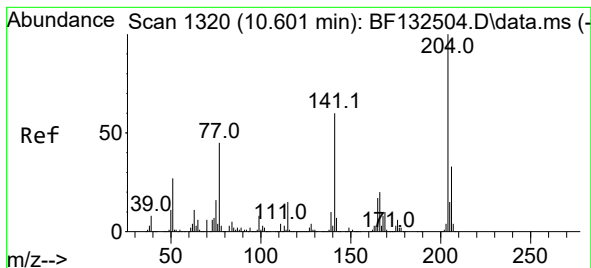
Tgt Ion:232 Resp: 354926
Ion Ratio Lower Upper
232 100
131 40.1 33.8 50.8
130 2.0 1.7 2.5
166 28.1 23.4 35.0



#60
Diethylphthalate
Concen: 40.034 ng
RT: 10.445 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:149 Resp: 1301432
Ion Ratio Lower Upper
149 100
177 22.8 18.1 27.1
150 13.1 10.2 15.2

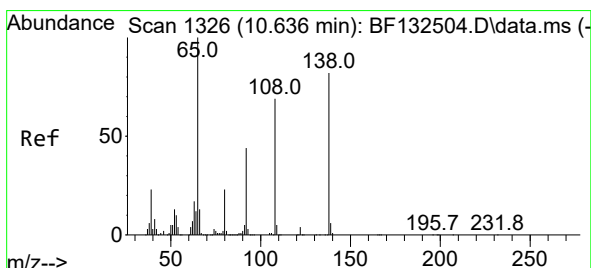
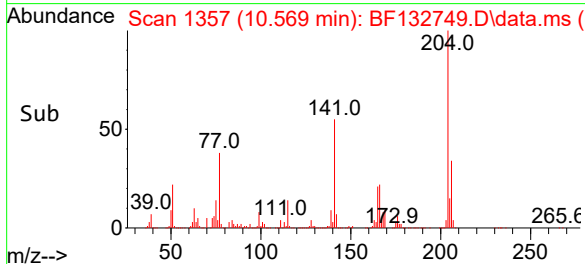
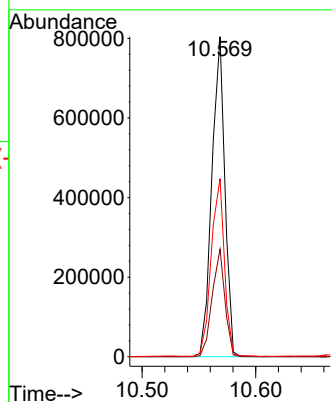
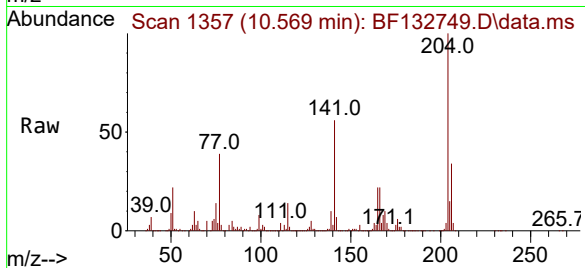




#61
4-Chlorophenyl-phenylether
Concen: 39.770 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

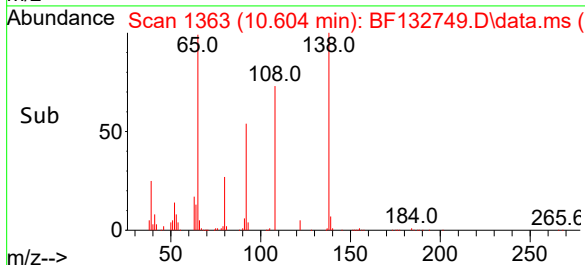
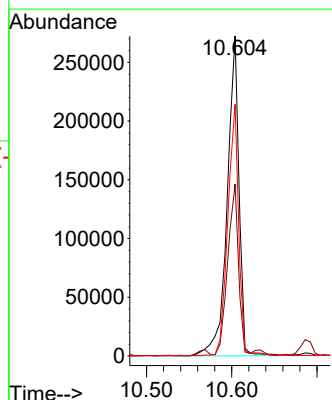
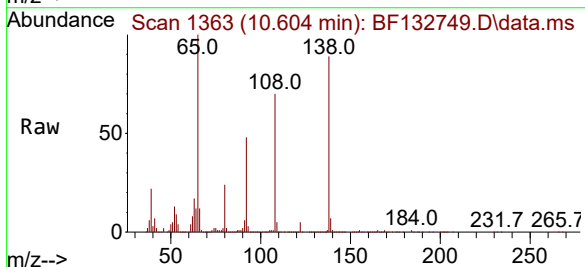
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

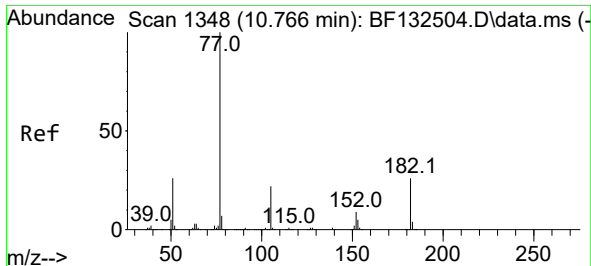
Tgt Ion:204 Resp: 637812
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 55.7 47.8 71.8



#62
4-Nitroaniline
Concen: 31.563 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:138 Resp: 262718
Ion Ratio Lower Upper
138 100
92 53.7 33.8 73.8
108 78.7 63.7 103.7



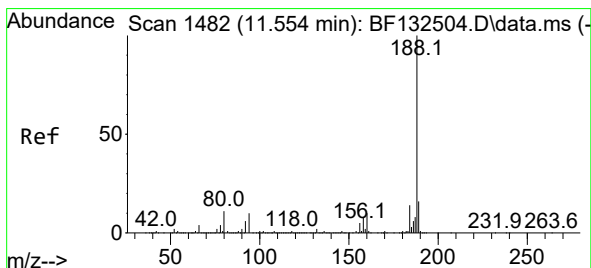
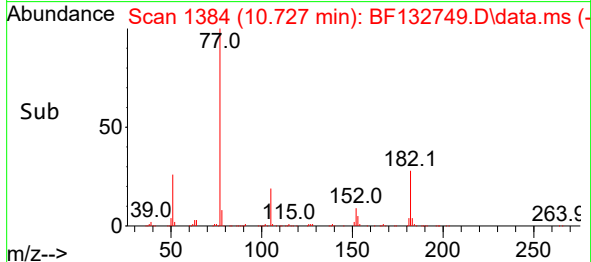
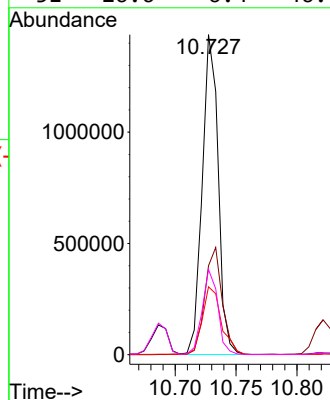
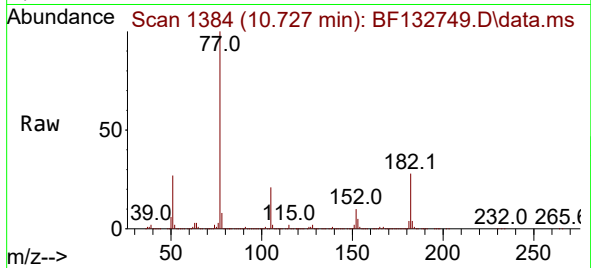


#63
Azobenzene
Concen: 37.861 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 77 Resp: 1303474

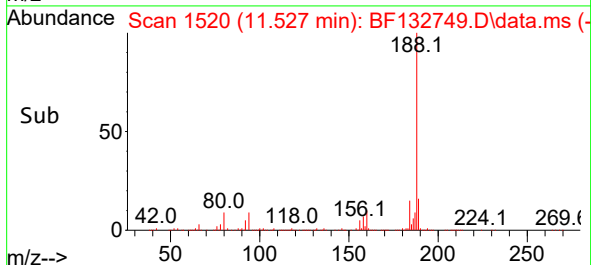
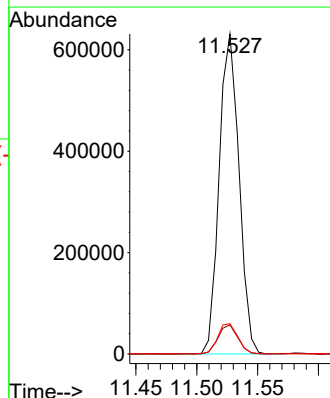
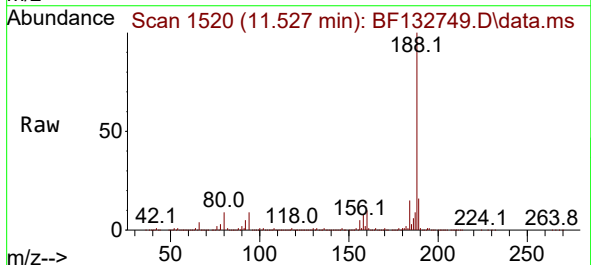
Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.5	45.5
105	21.2	1.8	41.8
51	26.6	6.4	46.4

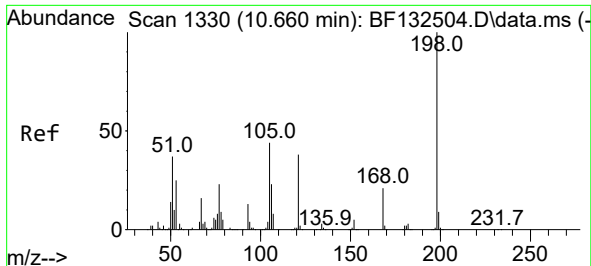


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion: 188 Resp: 716753

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.3	12.5
80	9.5	8.7	13.1

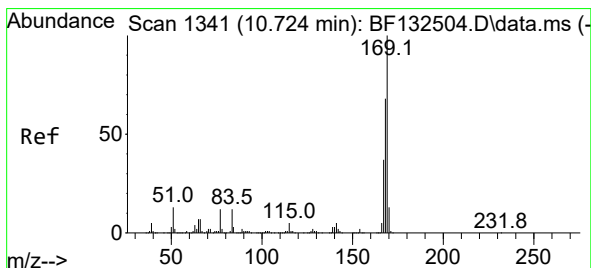
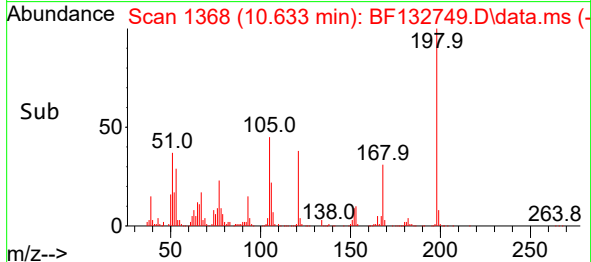
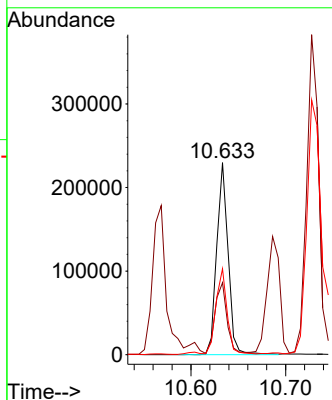
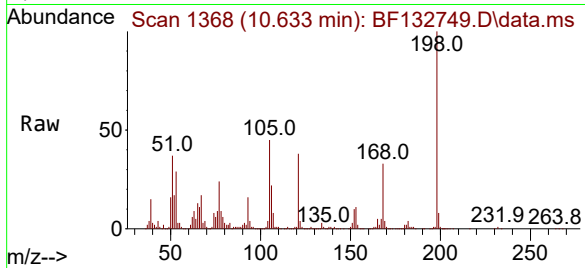




#65
4,6-Dinitro-2-methylphenol
Concen: 39.604 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

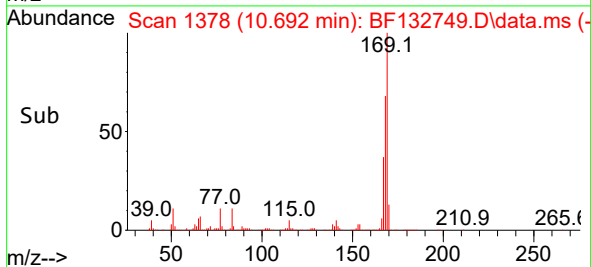
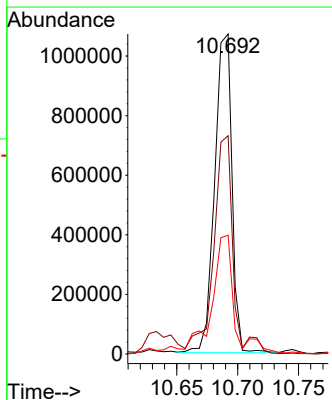
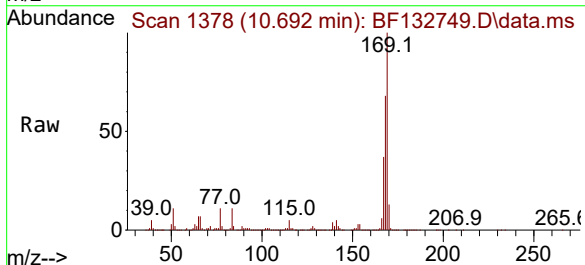
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

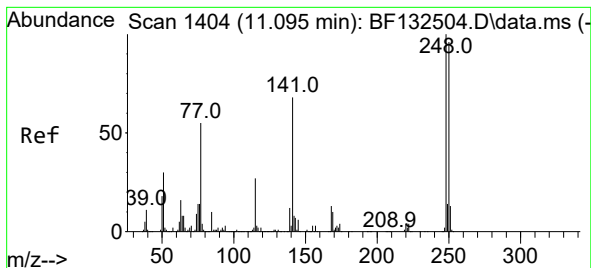
Tgt Ion:198 Resp: 192162
Ion Ratio Lower Upper
198 100
51 37.5 20.6 60.6
105 44.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.386 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:169 Resp: 1058863
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.4
167 37.1 29.6 44.4

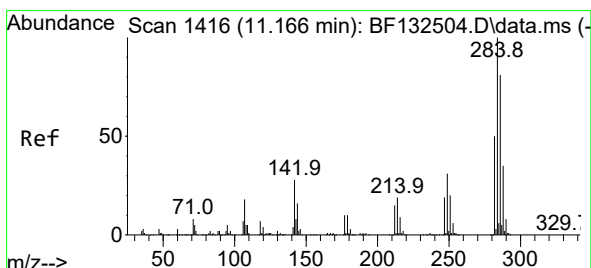
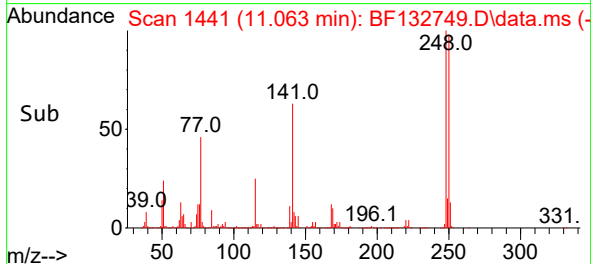
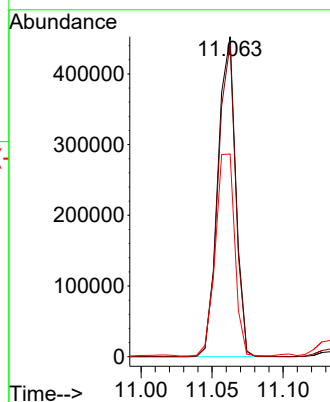
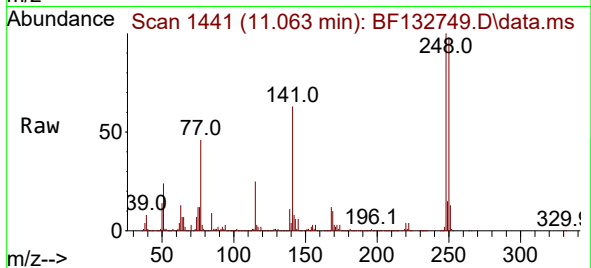




#67
4-Bromophenyl-phenylether
Concen: 48.796 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

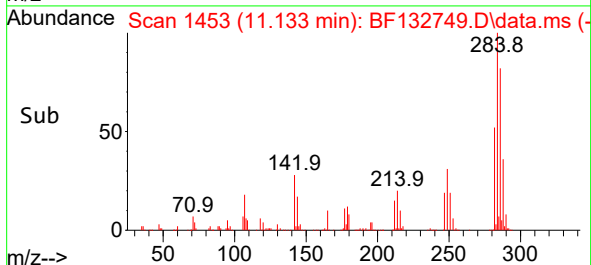
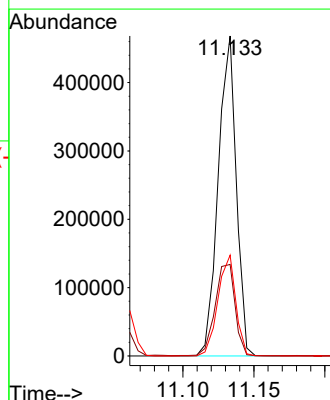
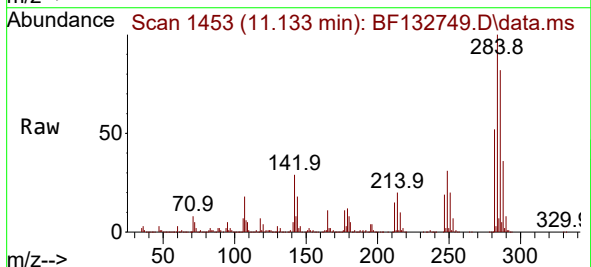
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

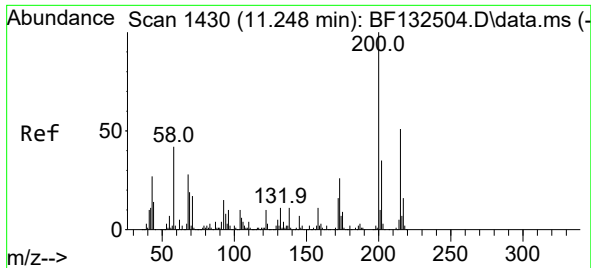
Tgt Ion:248 Resp: 395617
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.4
141 63.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.267 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:284 Resp: 411770
Ion Ratio Lower Upper
284 100
142 28.6 22.2 33.4
249 31.5 24.9 37.3

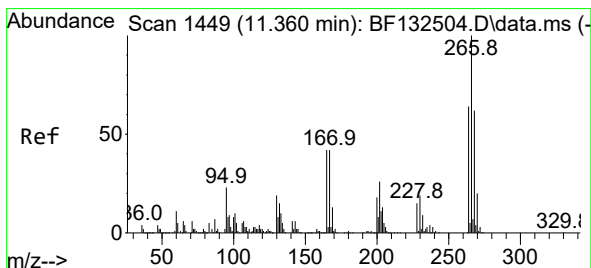
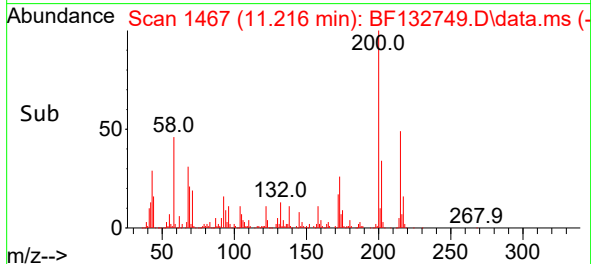
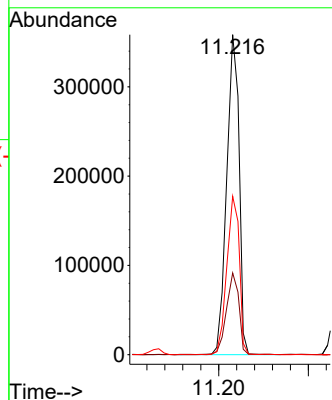
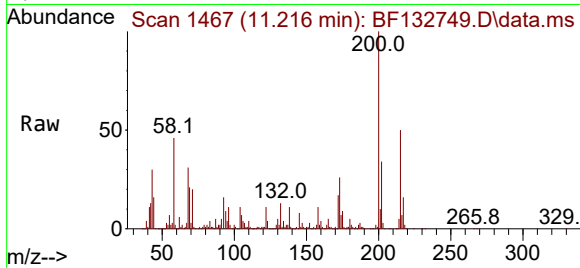




#69
 Atrazine
 Concen: 49.137 ng
 RT: 11.216 min Scan# 1467
 Delta R.T. -0.006 min
 Lab File: BF132749.D
 Acq: 10 Mar 2023 19:15

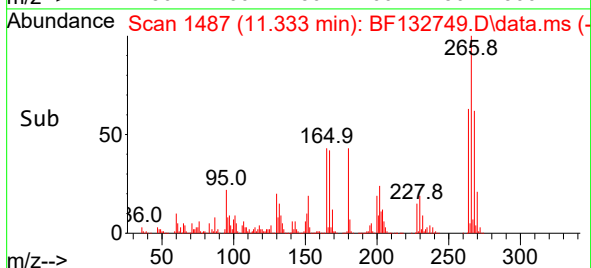
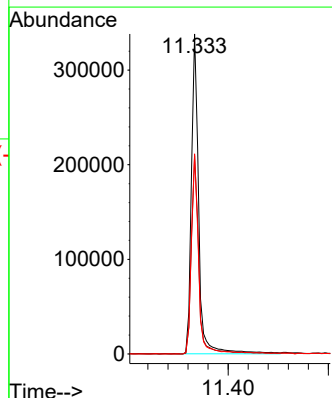
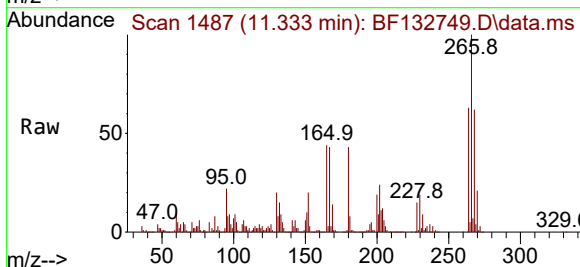
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

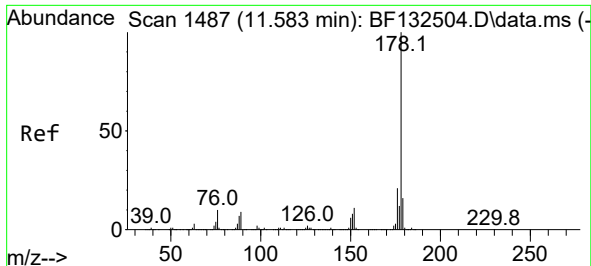
Tgt Ion:200 Resp: 342779
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.4 46.4
 215 49.5 31.0 71.0



#70
 Pentachlorophenol
 Concen: 67.474 ng
 RT: 11.333 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BF132749.D
 Acq: 10 Mar 2023 19:15

Tgt Ion:266 Resp: 342478
 Ion Ratio Lower Upper
 266 100
 268 62.0 49.8 74.6
 264 62.5 50.9 76.3

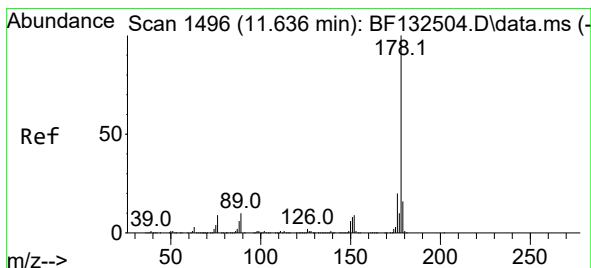
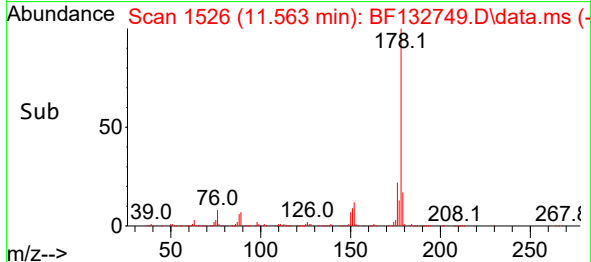
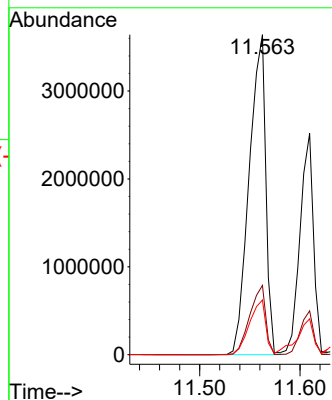
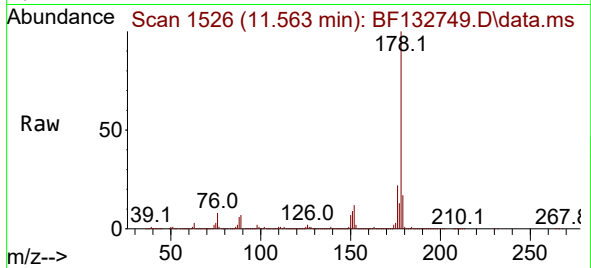




#71
Phenanthrene
Concen: 112.503 ng
RT: 11.563 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

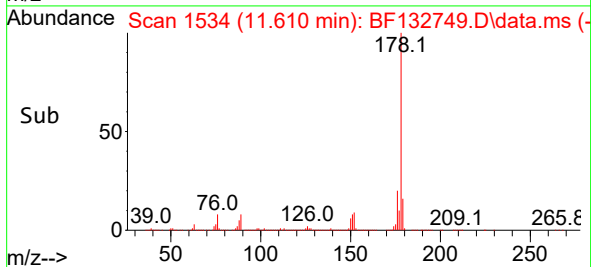
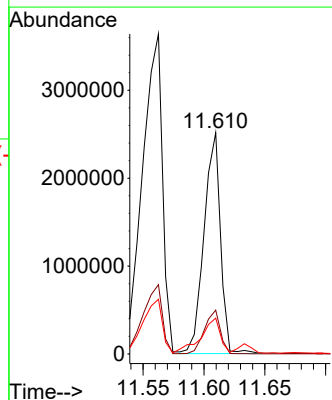
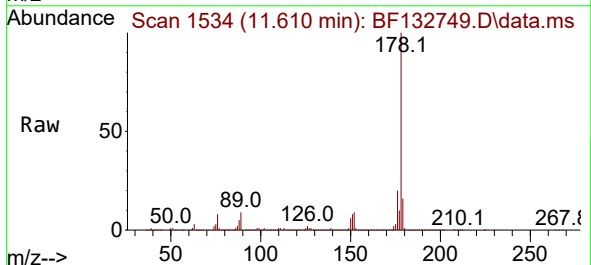
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

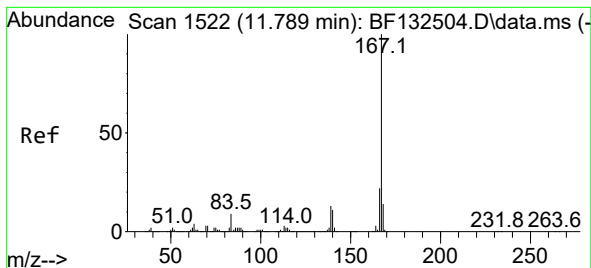
Tgt Ion:178 Resp: 4177386
Ion Ratio Lower Upper
178 100
176 21.7 16.5 24.7
179 17.1 13.0 19.6



#72
Anthracene
Concen: 61.888 ng
RT: 11.610 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:178 Resp: 2366398
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.2 12.5 18.7





#73

Carbazole

Concen: 47.166 ng

RT: 11.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

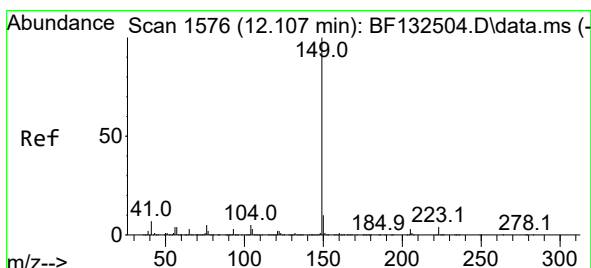
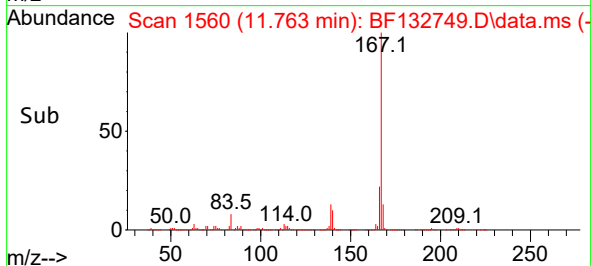
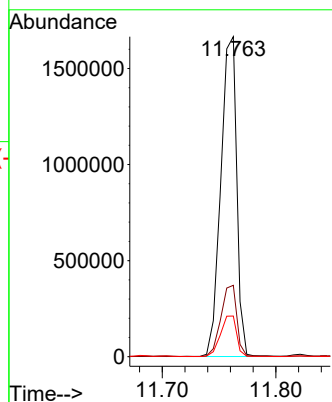
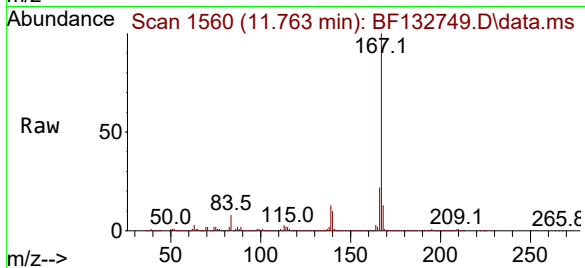
Tgt Ion:167 Resp: 1626005

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.795 ng

RT: 12.074 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

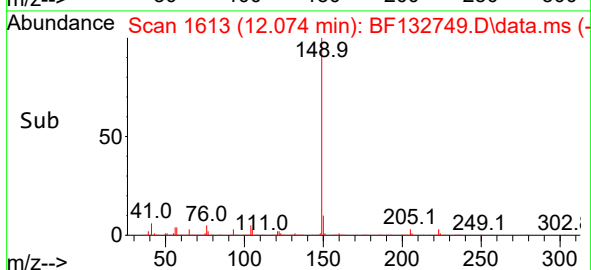
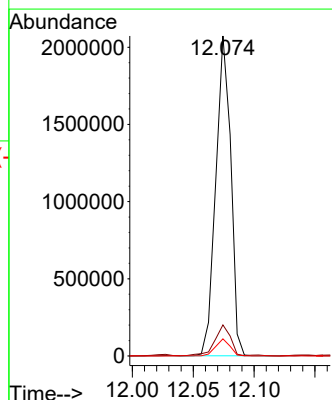
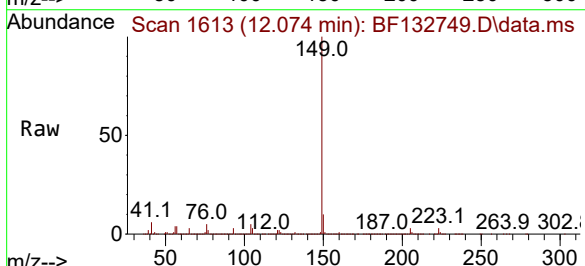
Tgt Ion:149 Resp: 1771033

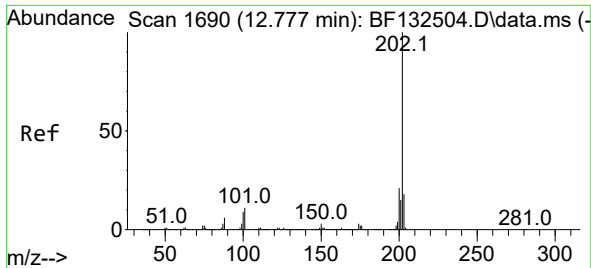
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 5.3 4.3 6.5

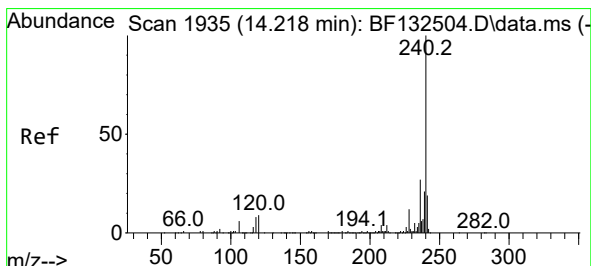
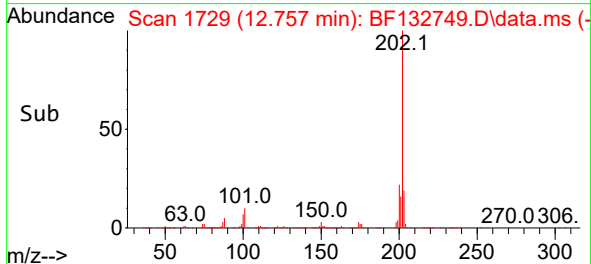
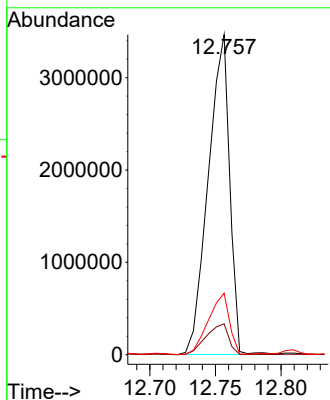
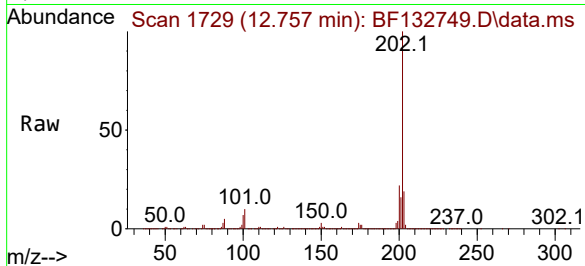




#75
Fluoranthene
Concen: 96.642 ng
RT: 12.757 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

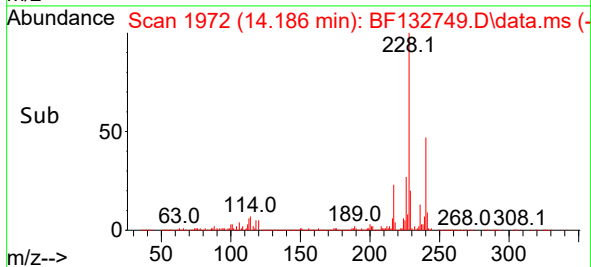
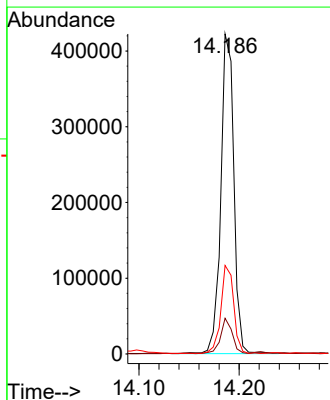
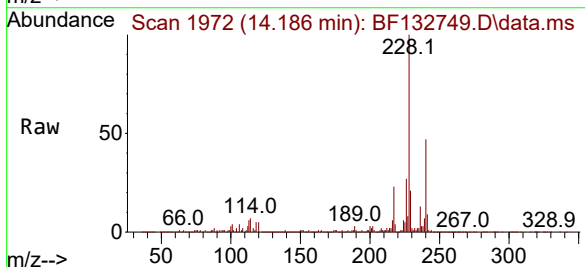
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

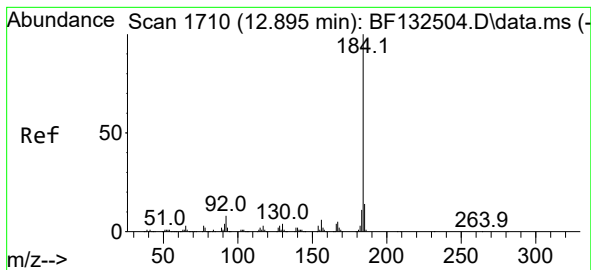
Tgt Ion:202 Resp: 3922916
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 19.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:240 Resp: 380204
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 27.6 21.8 32.6





#77

Benzidine

Concen: 64.449 ng

RT: 12.868 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

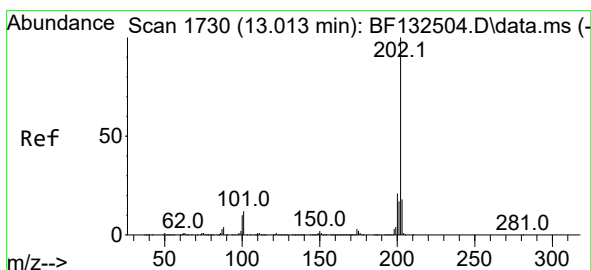
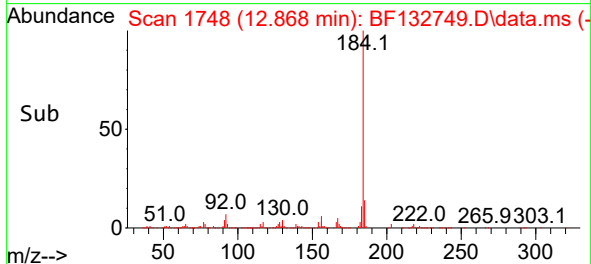
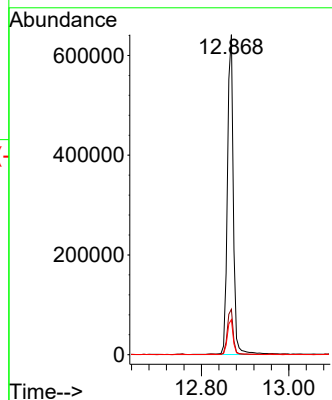
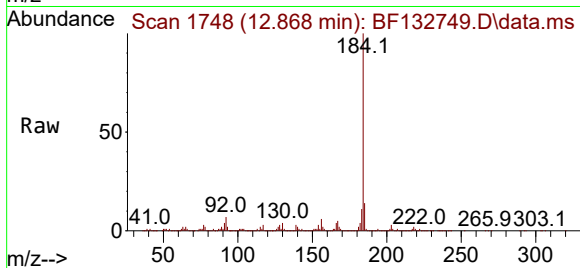
Tgt Ion:184 Resp: 596495

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.9 8.7 13.1



#78

Pyrene

Concen: 100.338 ng

RT: 12.986 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

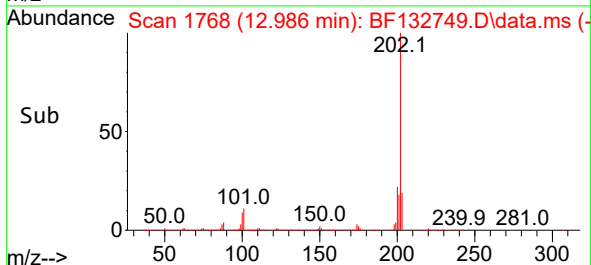
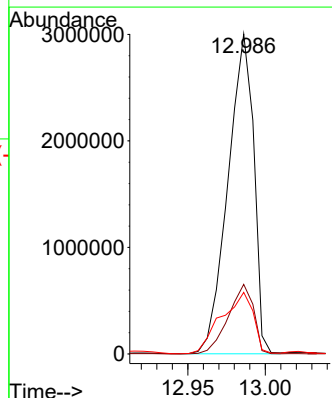
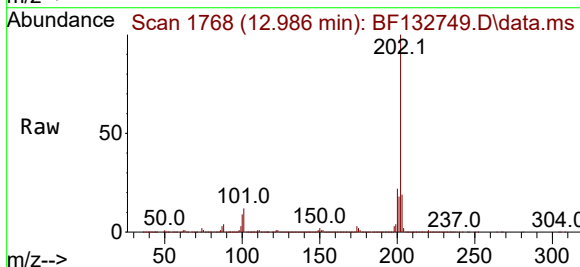
Tgt Ion:202 Resp: 3468420

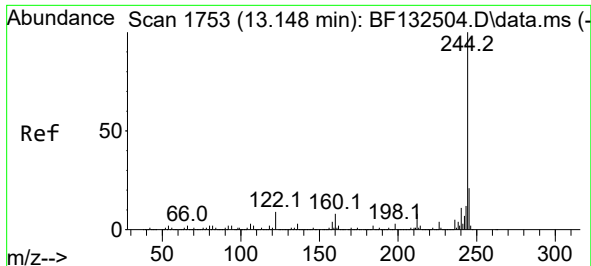
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 19.3 14.6 21.8

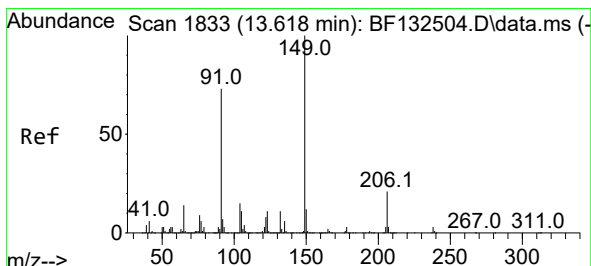
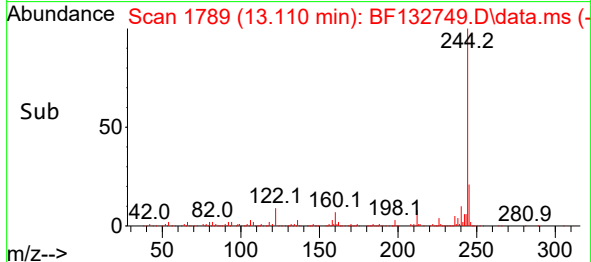
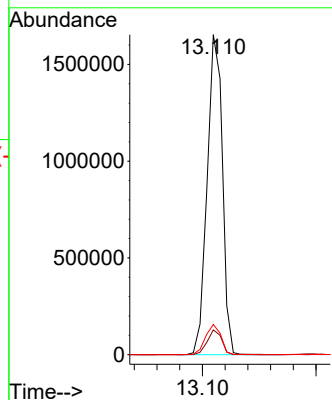
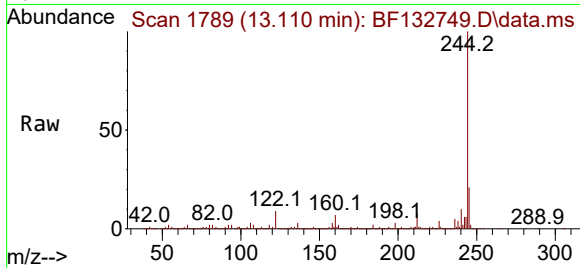




#79
 Terphenyl-d14
 Concen: 68.385 ng
 RT: 13.110 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132749.D
 Acq: 10 Mar 2023 19:15

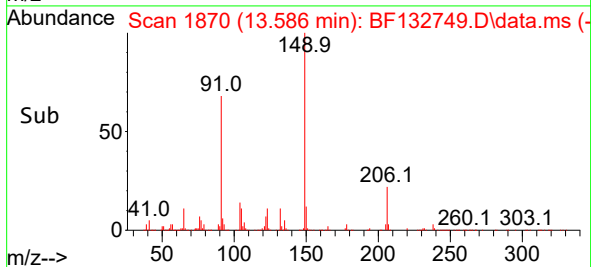
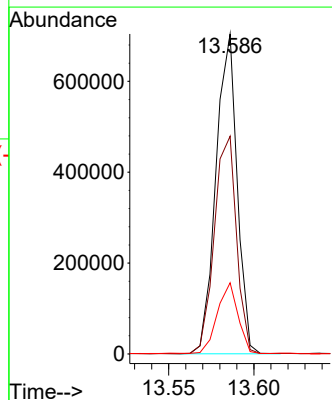
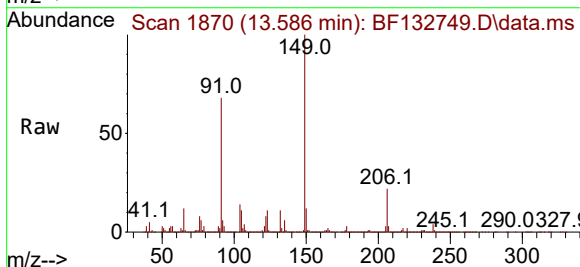
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

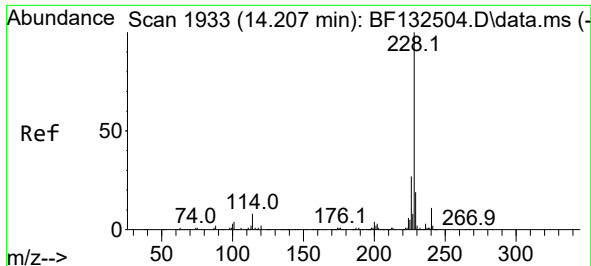
Tgt Ion:244 Resp: 1537795
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.4 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 44.699 ng
 RT: 13.586 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF132749.D
 Acq: 10 Mar 2023 19:15

Tgt Ion:149 Resp: 609733
 Ion Ratio Lower Upper
 149 100
 91 68.1 58.4 87.6
 206 22.2 16.8 25.2

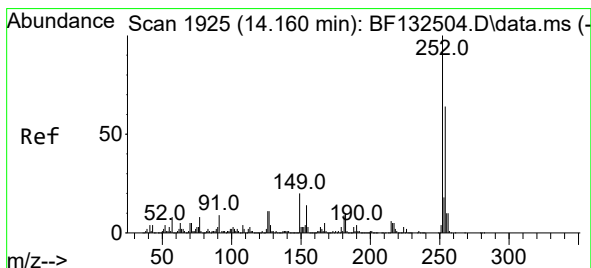
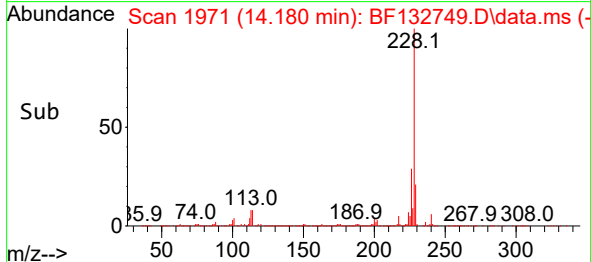
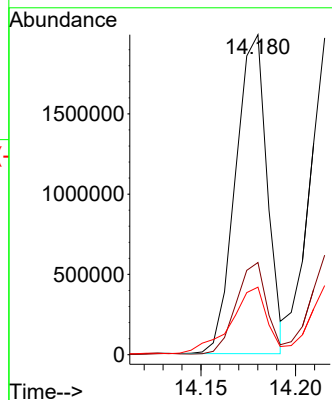
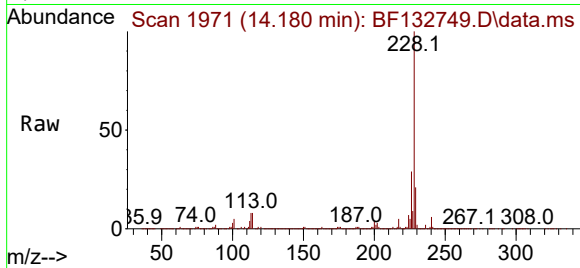




#81
Benzo(a)anthracene
Concen: 80.964 ng
RT: 14.180 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

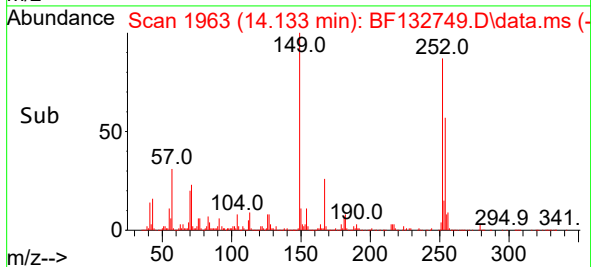
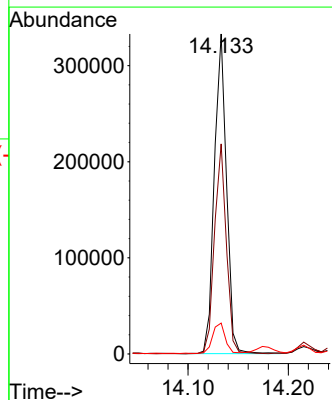
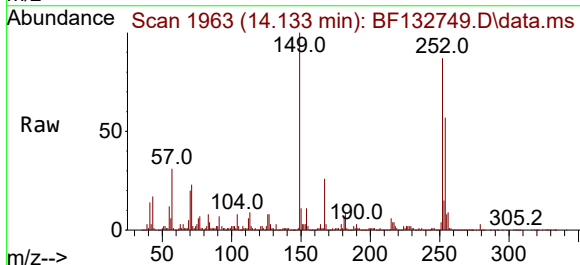
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

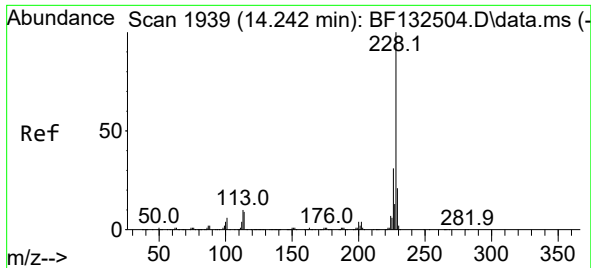
Tgt Ion:228 Resp: 2303247
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 21.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.254 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:252 Resp: 278900
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 9.7 8.9 13.3

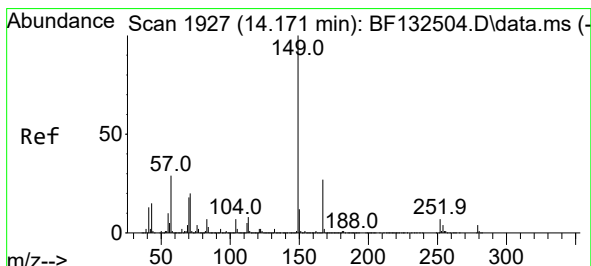
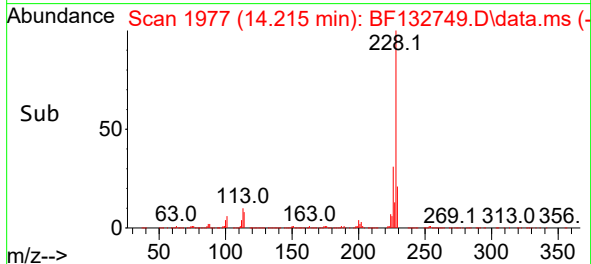
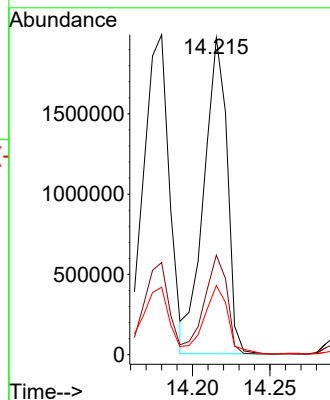
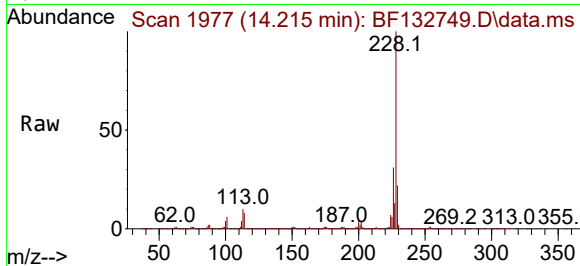




#83
Chrysene
Concen: 77.240 ng
RT: 14.215 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

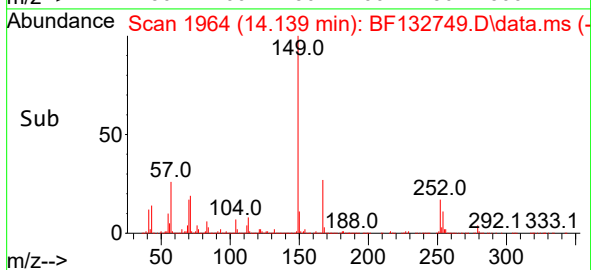
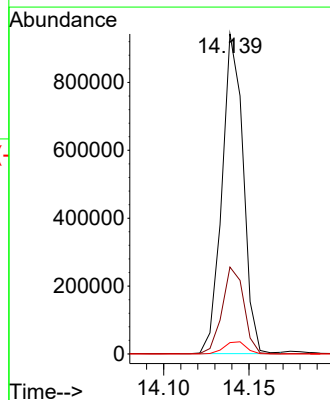
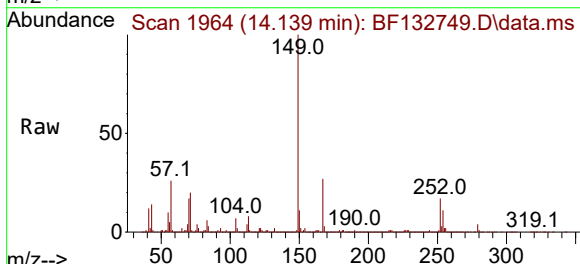
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

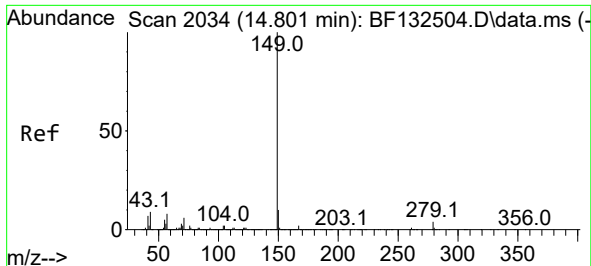
Tgt Ion:228 Resp: 2054744
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 21.8 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.768 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:149 Resp: 817221
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 3.5 3.0 4.6

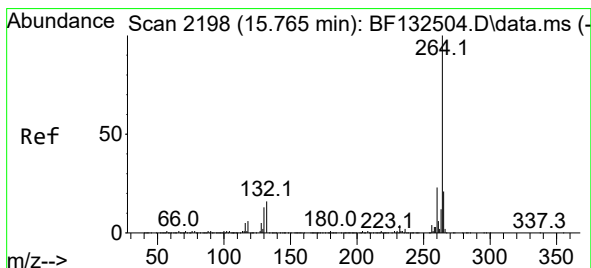
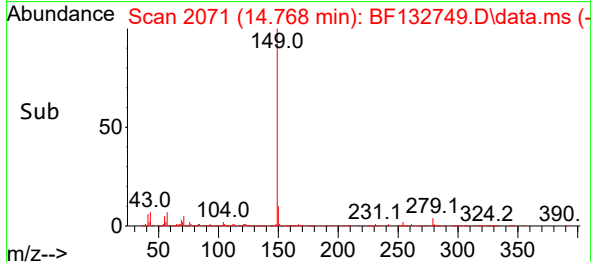
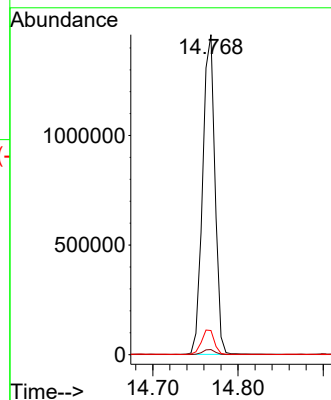
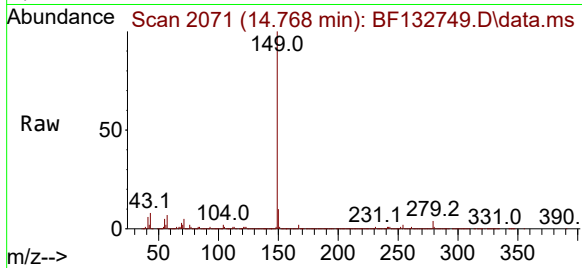




#85
Di-n-octyl phthalate
Concen: 59.773 ng
RT: 14.768 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

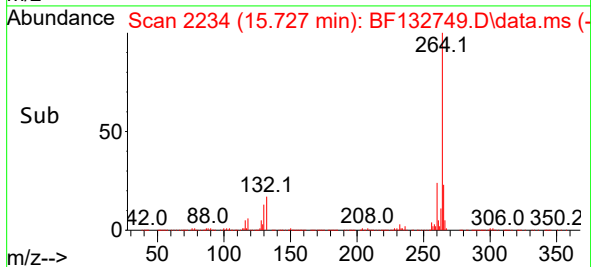
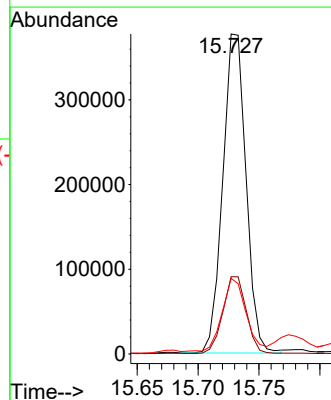
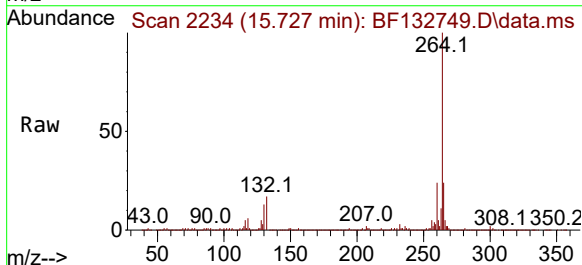
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

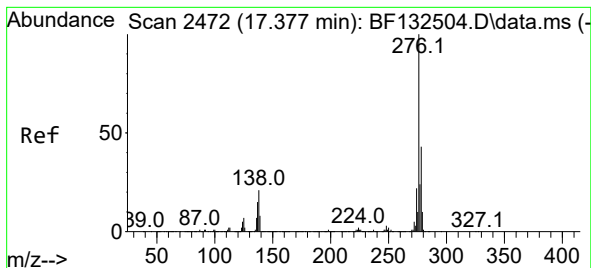
Tgt Ion:149 Resp: 1463695
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:264 Resp: 501143
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 23.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.085 ng

RT: 17.333 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

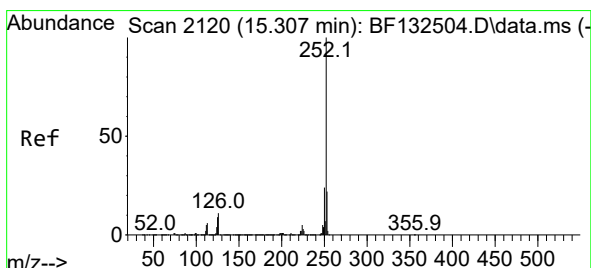
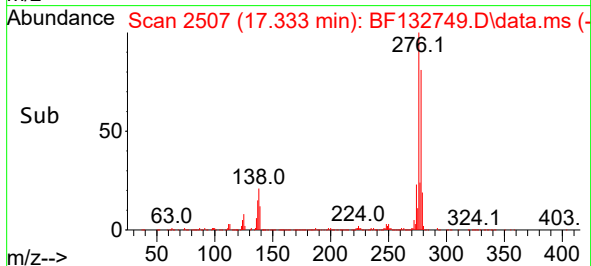
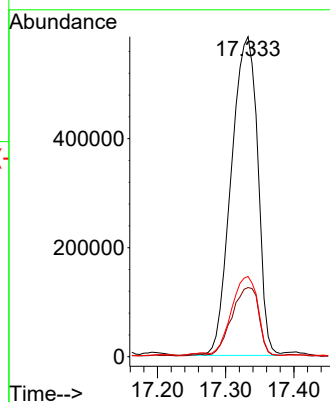
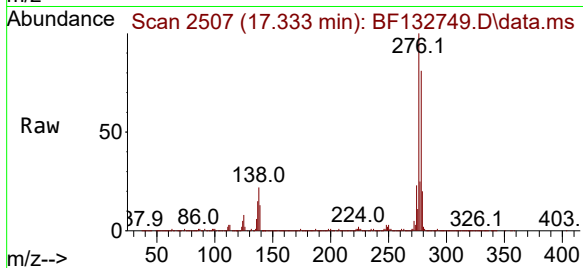
Tgt Ion:276 Resp: 1578977

Ion Ratio Lower Upper

276 100

138 21.5 19.0 28.4

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 72.674 ng

RT: 15.274 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

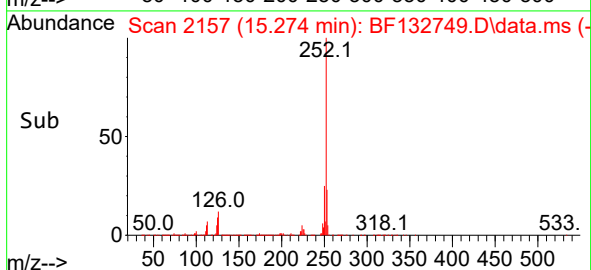
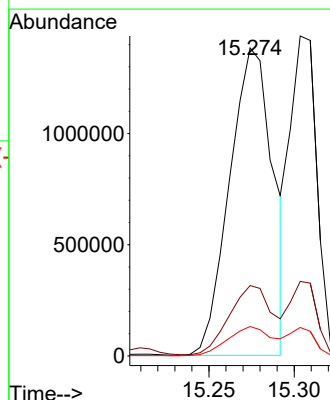
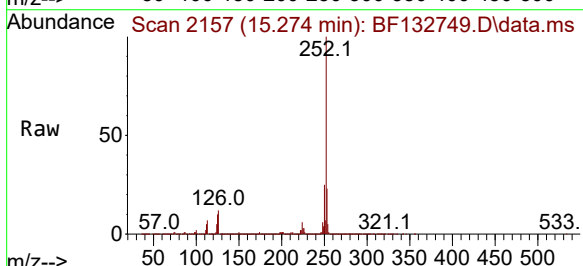
Tgt Ion:252 Resp: 2440708

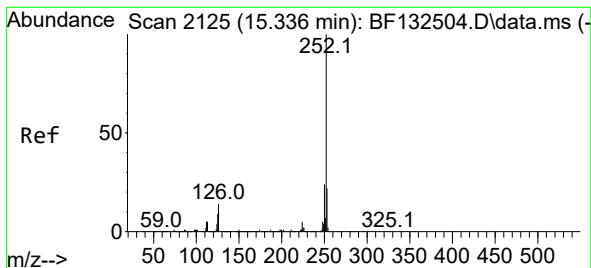
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.6 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.172 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

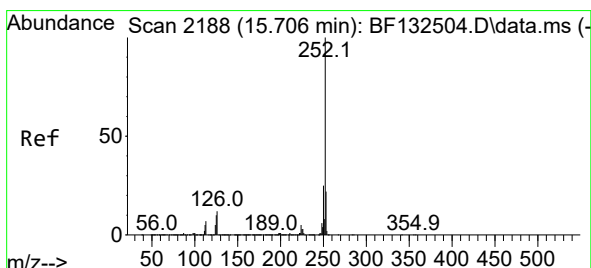
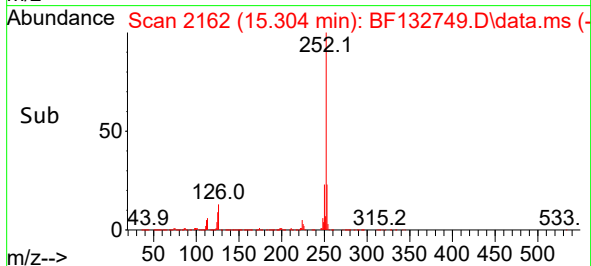
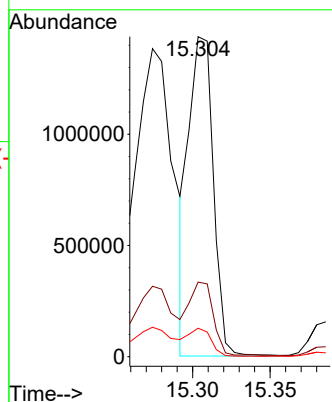
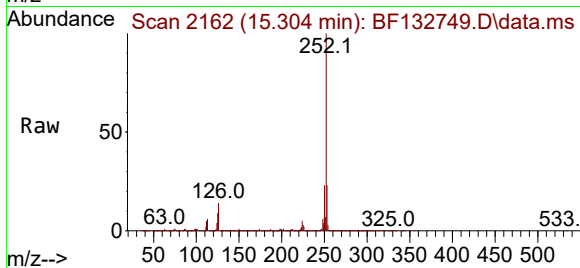
Tgt Ion:252 Resp: 1583352

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 60.800 ng

RT: 15.668 min Scan# 2224

Delta R.T. 0.006 min

Lab File: BF132749.D

Acq: 10 Mar 2023 19:15

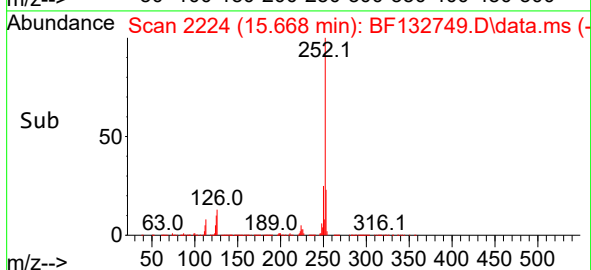
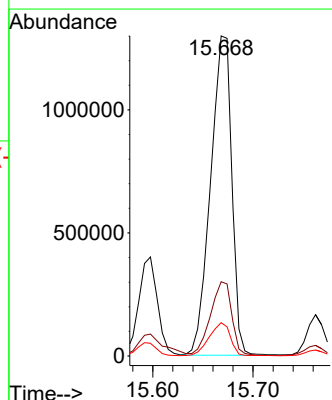
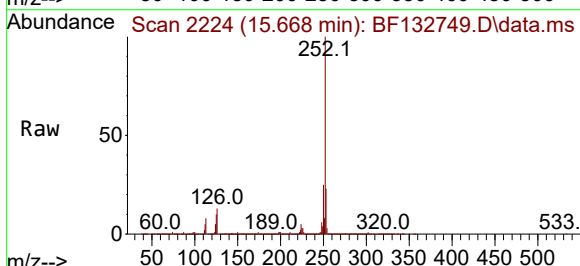
Tgt Ion:252 Resp: 1911068

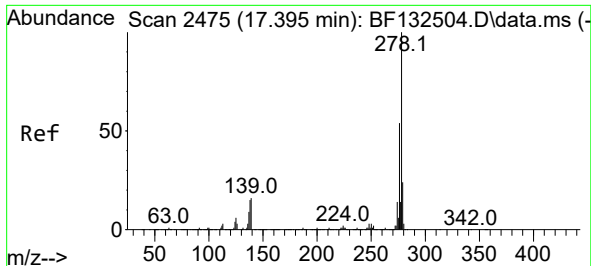
Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 10.4 8.0 12.0

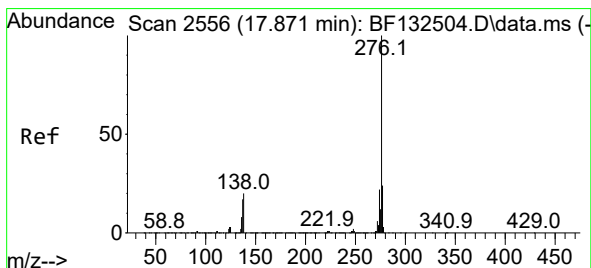
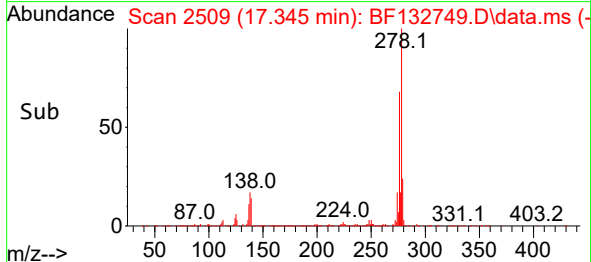
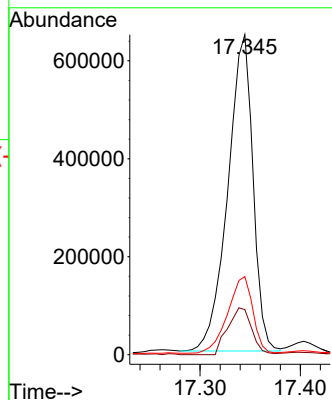
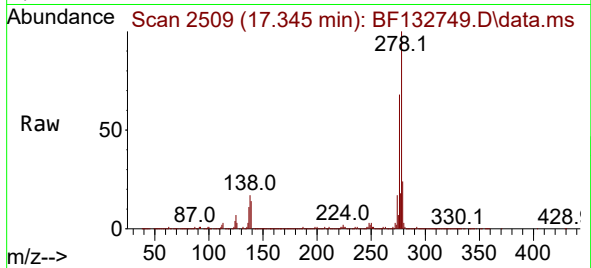




#91
Dibenzo(a,h)anthracene
Concen: 42.128 ng
RT: 17.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:278 Resp: 1127129
Ion Ratio Lower Upper
278 100
139 14.1 13.0 19.4
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.853 ng
RT: 17.815 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF132749.D
Acq: 10 Mar 2023 19:15

Tgt Ion:276 Resp: 1227683
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 20.2 16.2 24.4

