

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132642.D
 Acq On : 06 Mar 2023 10:55
 Operator : CG\JU
 Sample : PB151188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151188BS

Quant Time: Mar 07 00:50:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	236628	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	864290	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	461909	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	875423	20.000	ng	0.00
76) Chrysene-d12	14.210	240	504972	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	448206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1701726	116.717	ng	0.00
7) Phenol-d6	6.639	99	2209522	116.119	ng	0.00
23) Nitrobenzene-d5	7.575	82	1426820	78.324	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	610688	122.421	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2198411	72.470	ng	0.00
79) Terphenyl-d14	13.139	244	2635872	88.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.957	88	255127	31.634	ng	95
3) Pyridine	3.710	79	657627	30.719	ng	93
4) n-Nitrosodimethylamine	3.675	42	322560	39.890	ng	90
6) Aniline	6.663	93	901338	35.199	ng	96
8) 2-Chlorophenol	6.792	128	703058	46.461	ng	93
9) Benzaldehyde	6.551	77	136335	13.278	ng	97
10) Phenol	6.651	94	875594	40.137	ng	100
11) bis(2-Chloroethyl)ether	6.734	93	739463	43.909	ng	95
12) 1,3-Dichlorobenzene	6.945	146	696489	42.891	ng	98
13) 1,4-Dichlorobenzene	7.022	146	692138	42.686	ng	99
14) 1,2-Dichlorobenzene	7.175	146	680493	43.730	ng	98
15) Benzyl Alcohol	7.145	79	626791	42.771	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.275	45	879567	40.956	ng	99
17) 2-Methylphenol	7.257	107	574967	40.713	ng	98
18) Hexachloroethane	7.516	117	270158	42.647	ng	96
19) n-Nitroso-di-n-propyla...	7.422	70	442244	37.764	ng	90
20) 3+4-Methylphenols	7.410	107	635929	34.854	ng	91
22) Acetophenone	7.416	105	866345	39.752	ng	# 87
24) Nitrobenzene	7.592	77	765488	39.291	ng	99
25) Isophorone	7.828	82	1411230	40.406	ng	99
26) 2-Nitrophenol	7.904	139	372574	43.342	ng	99
27) 2,4-Dimethylphenol	7.939	122	564098	41.578	ng	99
28) bis(2-Chloroethoxy)met...	8.034	93	824636	40.362	ng	99
29) 2,4-Dichlorophenol	8.145	162	560746	41.549	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	629557	42.960	ng	99
31) Naphthalene	8.316	128	1736959	39.257	ng	100
32) Benzoic acid	8.075	122	451411	42.684	ng	97
33) 4-Chloroaniline	8.357	127	517327	27.285	ng	95
34) Hexachlorobutadiene	8.422	225	392740	42.174	ng	99
35) Caprolactam	8.745	113	129445	29.093	ng	95
36) 4-Chloro-3-methylphenol	8.839	107	621995	41.966	ng	97
37) 2-Methylnaphthalene	9.004	142	1156256	38.346	ng	100
38) 1-Methylnaphthalene	9.104	142	1091699	38.741	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	626853	41.479	ng	100
41) Hexachlorocyclopentadiene	9.157	237	643742	78.535	ng	100
43) 2,4,6-Trichlorophenol	9.280	196	430910	42.074	ng	97

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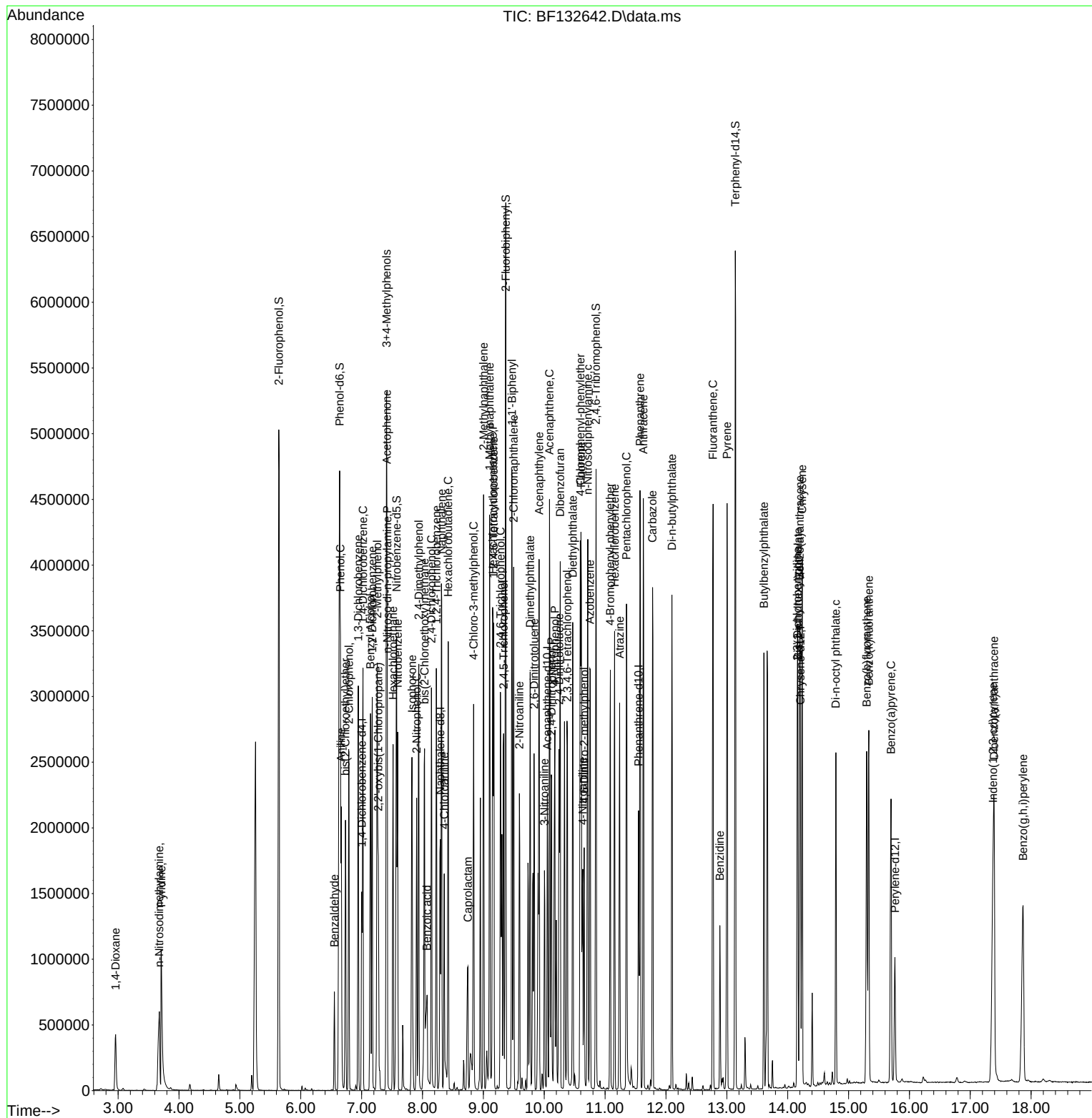
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.333	196	459668	38.455	ng	98
46) 1,1'-Biphenyl	9.469	154	1408398	40.285	ng	99
47) 2-Chloronaphthalene	9.498	162	1140722	41.153	ng	99
48) 2-Nitroaniline	9.592	65	403663	39.540	ng	96
49) Acenaphthylene	9.916	152	1747658	39.616	ng	100
50) Dimethylphthalate	9.769	163	1370238	40.741	ng	100
51) 2,6-Dinitrotoluene	9.833	165	320804	41.883	ng	99
52) Acenaphthene	10.086	154	1033582	36.897	ng	99
53) 3-Nitroaniline	10.004	138	272358	31.787	ng	97
54) 2,4-Dinitrophenol	10.122	184	410477	84.926	ng	90
55) Dibenzofuran	10.263	168	1573373	38.527	ng	99
56) 4-Nitrophenol	10.175	139	509187	79.687	ng	96
57) 2,4-Dinitrotoluene	10.245	165	426664	41.871	ng	94
58) Fluorene	10.604	166	1229005	39.345	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.380	232	390869	44.019	ng	97
60) Diethylphthalate	10.469	149	1307286	39.799	ng	100
61) 4-Chlorophenyl-phenyle...	10.592	204	636849	39.300	ng	97
62) 4-Nitroaniline	10.633	138	353617	42.044	ng	93
63) Azobenzene	10.751	77	1337750	38.455	ng	98
65) 4,6-Dinitro-2-methylph...	10.657	198	260735	43.997	ng	97
66) n-Nitrosodiphenylamine	10.716	169	1111723	40.734	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	411998	41.606	ng	97
68) Hexachlorobenzene	11.157	284	467820	44.898	ng	98
69) Atrazine	11.239	200	379661	44.560	ng	99
70) Pentachlorophenol	11.351	266	489469	78.955	ng	99
71) Phenanthrene	11.574	178	1815155	40.024	ng	99
72) Anthracene	11.627	178	1870911	40.061	ng	99
73) Carbazole	11.780	167	1731394	41.120	ng	100
74) Di-n-butylphthalate	12.098	149	1943859	39.357	ng	99
75) Fluoranthene	12.774	202	1969606	39.727	ng	99
77) Benzidine	12.886	184	493533	40.149	ng	99
78) Pyrene	13.004	202	2005332	43.679	ng	100
80) Butylbenzylphthalate	13.610	149	749850	41.388	ng	100
81) Benzo(a)anthracene	14.198	228	1560297	41.296	ng	97
82) 3,3'-Dichlorobenzidine	14.157	252	383434	34.422	ng	98
83) Chrysene	14.239	228	1436867	40.668	ng	100
84) Bis(2-ethylhexyl)phtha...	14.168	149	876981	39.404	ng	98
85) Di-n-octyl phthalate	14.792	149	1305252	40.133	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1482352	50.474	ng	100
88) Benzo(b)fluoranthene	15.298	252	1414974	47.108	ng	99
89) Benzo(k)fluoranthene	15.333	252	1258087	42.797	ng	98
90) Benzo(a)pyrene	15.698	252	1183301	42.093	ng	99
91) Dibenzo(a,h)anthracene	17.392	278	1200816	50.184	ng	98
92) Benzo(g,h,i)perylene	17.868	276	1301404	48.121	ng	99

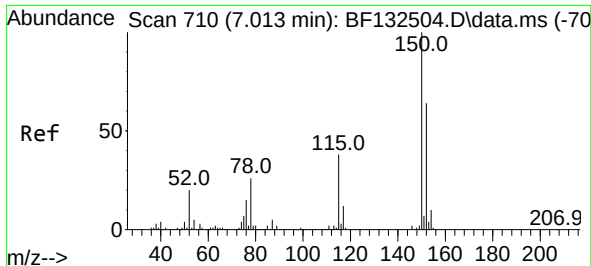
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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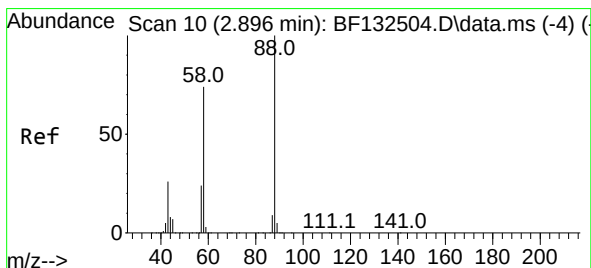
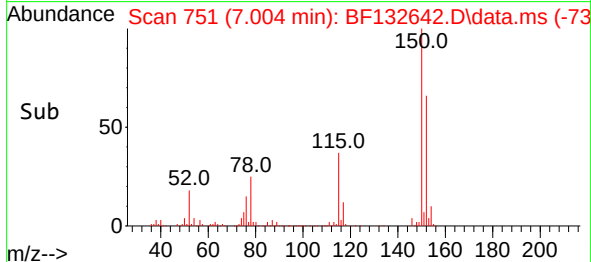
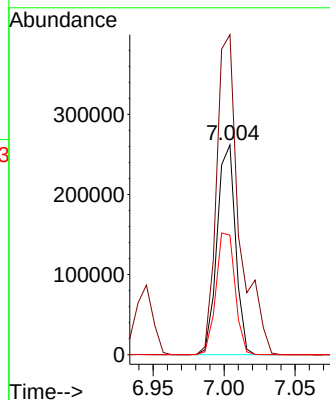
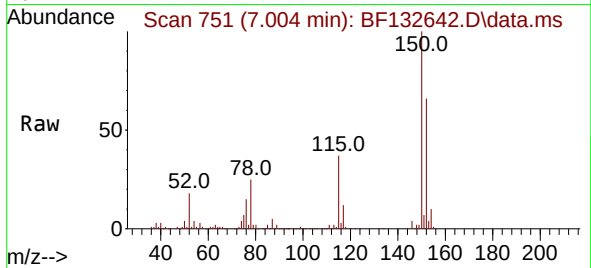




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: BF132642.D
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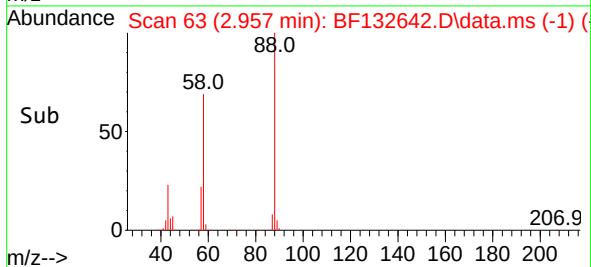
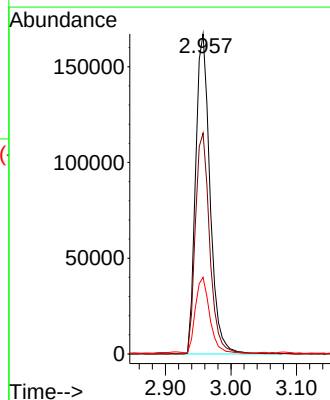
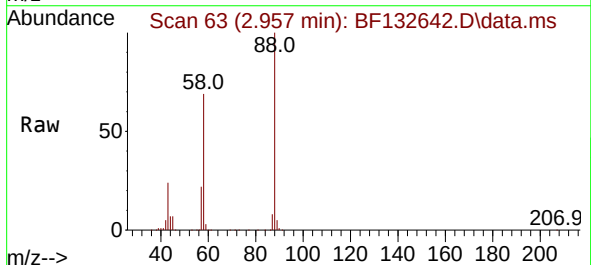
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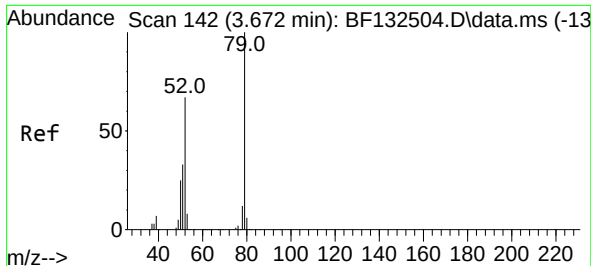
Tgt Ion:152 Resp: 236628
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.4 188.2
 115 57.0 47.8 71.6



#2
 1,4-Dioxane
 Concen: 31.634 ng
 RT: 2.957 min Scan# 63
 Delta R.T. 0.074 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

Tgt Ion: 88 Resp: 255127
 Ion Ratio Lower Upper
 88 100
 58 68.9 58.3 87.5
 43 23.5 20.7 31.1

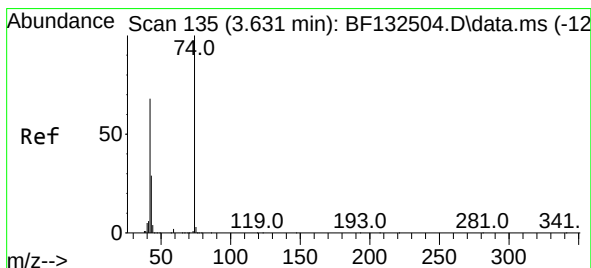
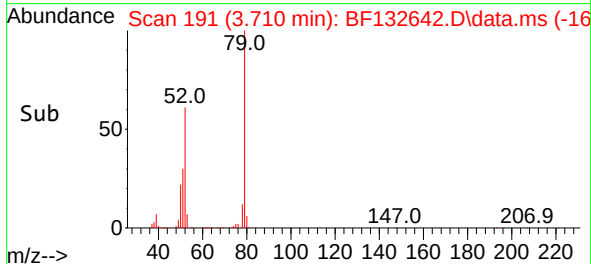
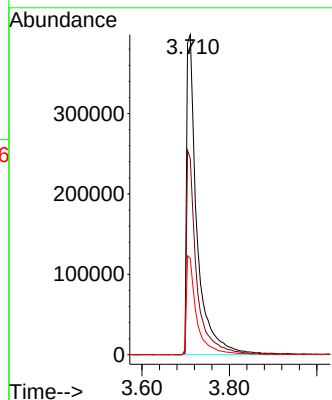
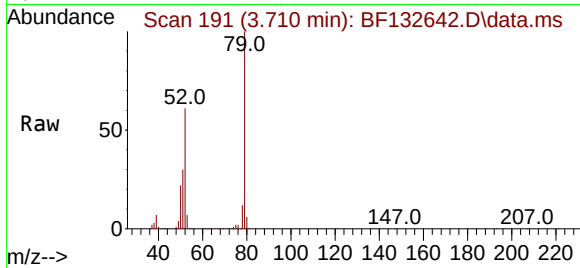




#3
 Pyridine
 Concen: 30.719 ng
 RT: 3.710 min Scan# 14
 Delta R.T. 0.056 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

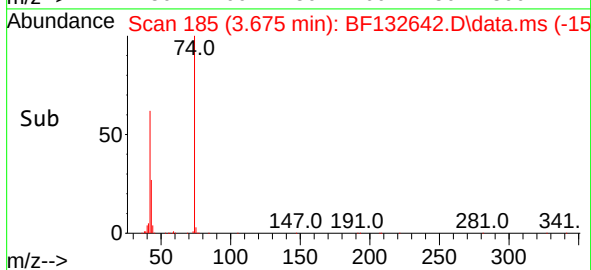
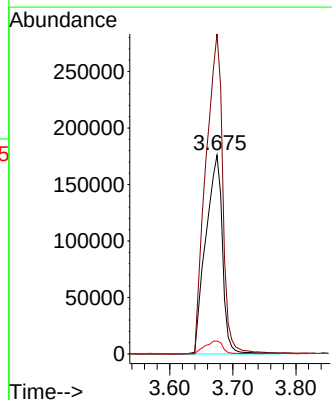
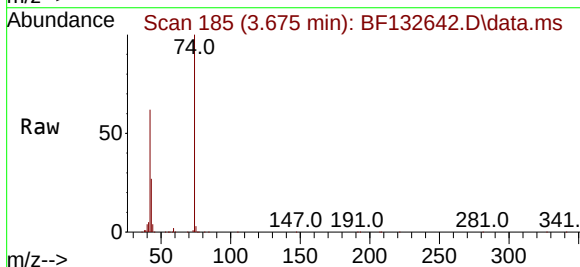
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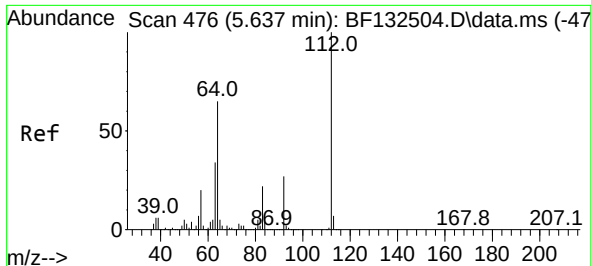
Tgt Ion: 79 Resp: 657627
 Ion Ratio Lower Upper
 79 100
 52 61.4 53.7 80.5
 51 30.1 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 39.890 ng
 RT: 3.675 min Scan# 185
 Delta R.T. 0.050 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

Tgt Ion: 42 Resp: 322560
 Ion Ratio Lower Upper
 42 100
 74 161.1 118.2 177.2
 44 6.5 5.3 7.9

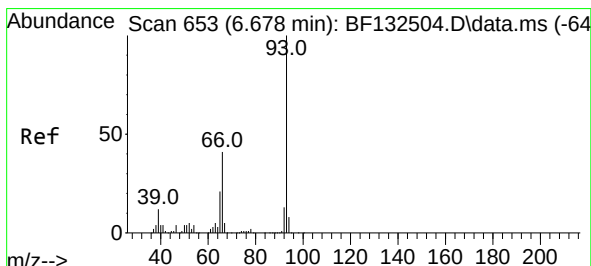
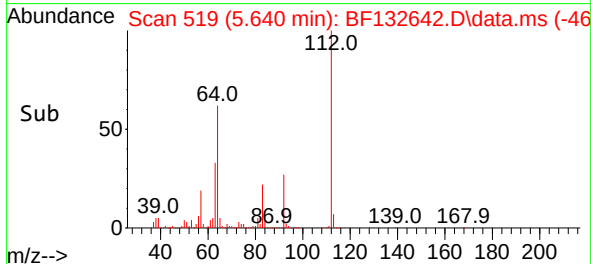
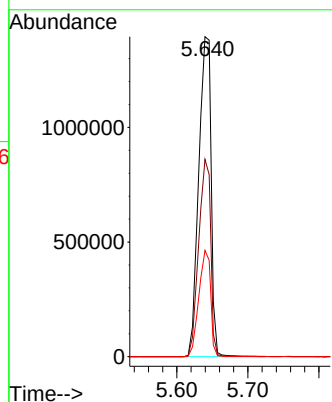
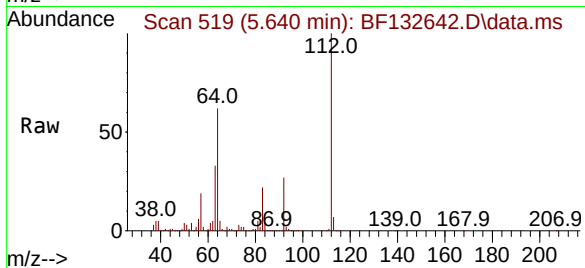




#5
2-Fluorophenol
Concen: 116.717 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

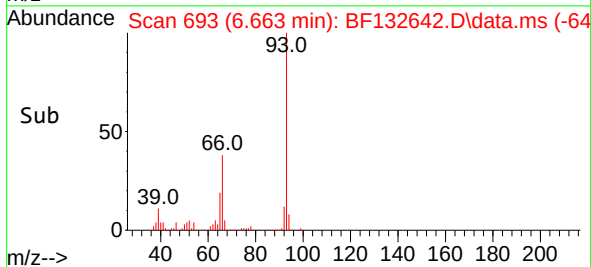
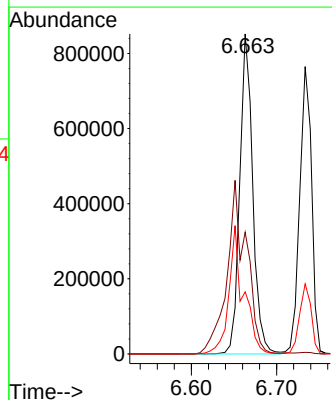
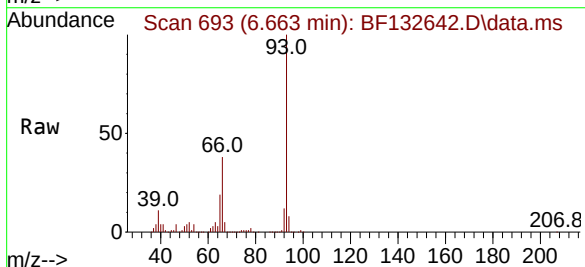
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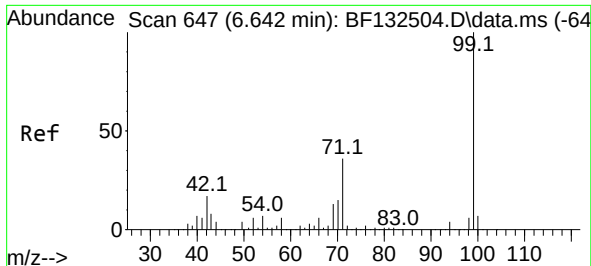
Tgt Ion:112 Resp: 1701726
Ion Ratio Lower Upper
112 100
64 61.7 51.6 77.4
63 33.2 27.4 41.2



#6
Aniline
Concen: 35.199 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion: 93 Resp: 901338
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 19.4 16.6 24.8

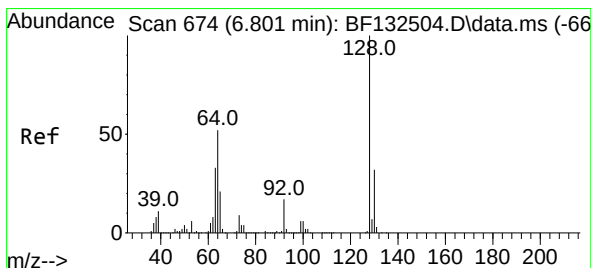
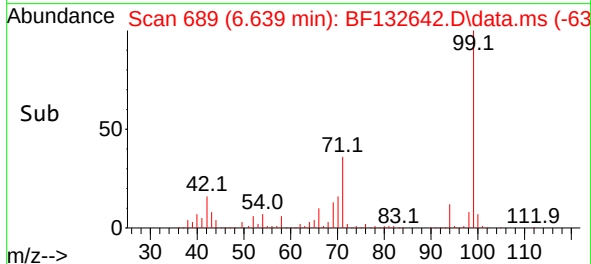
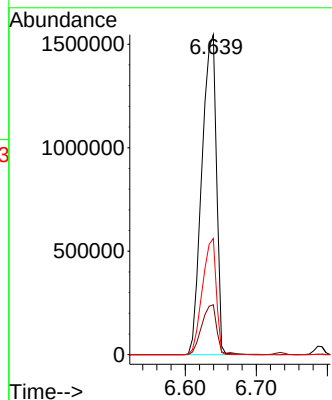
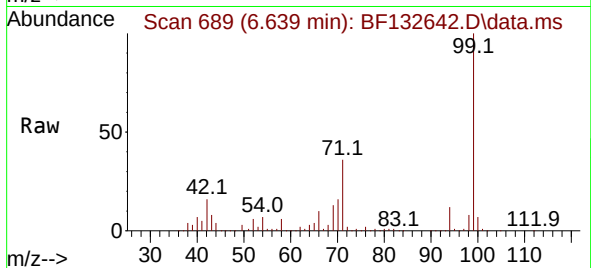




#7
Phenol-d6
Concen: 116.119 ng
RT: 6.639 min Scan# 611
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

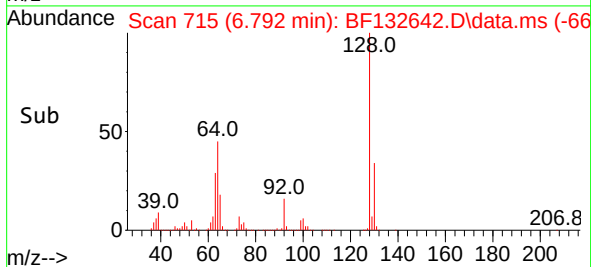
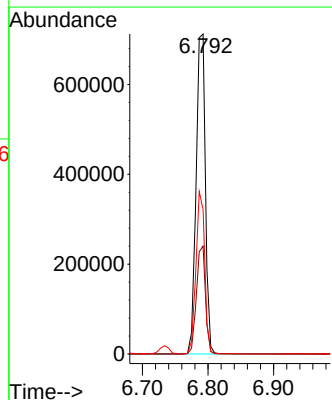
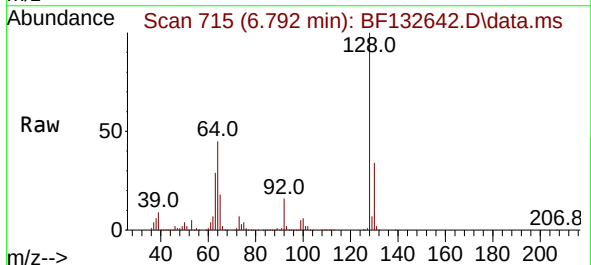
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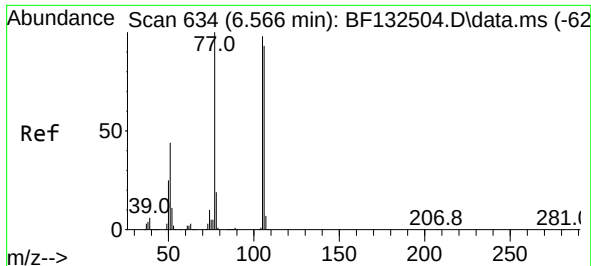
Tgt Ion: 99 Resp: 2209522
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 36.3 28.5 42.7



#8
2-Chlorophenol
Concen: 46.461 ng
RT: 6.792 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132642.D
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Tgt Ion:128 Resp: 703058
Ion Ratio Lower Upper
128 100
130 33.7 12.1 52.1
64 45.1 32.0 72.0

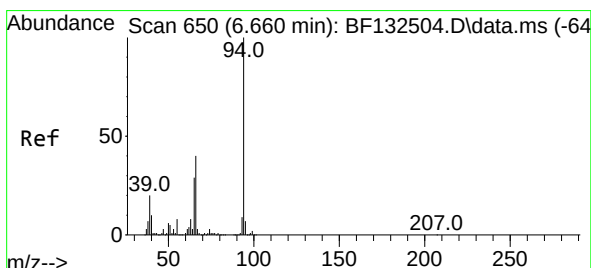
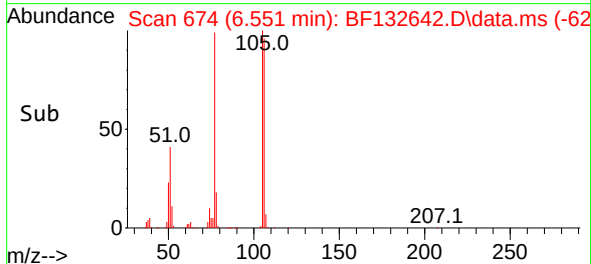
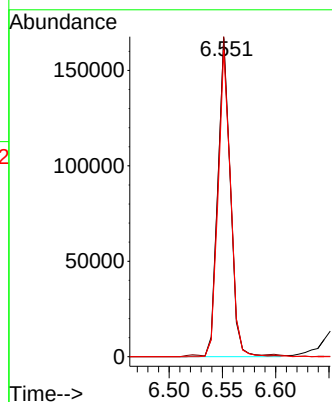
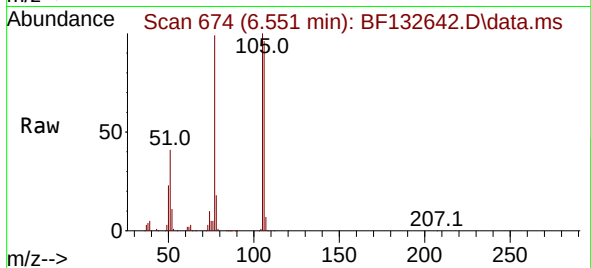




#9
Benzaldehyde
Concen: 13.278 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132642.D
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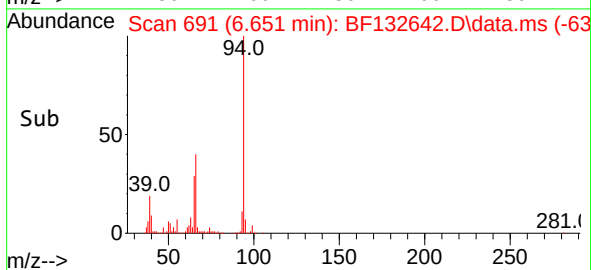
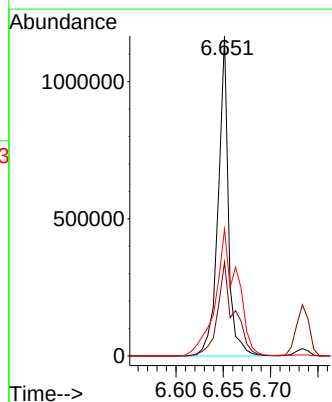
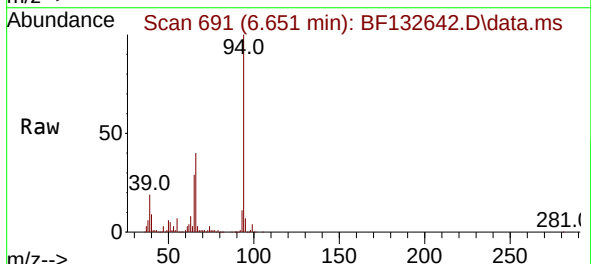
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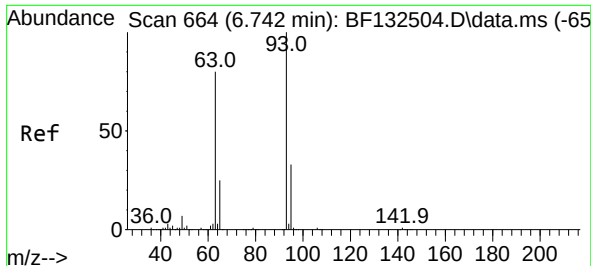
Tgt Ion: 77 Resp: 136335
Ion Ratio Lower Upper
77 100
105 100.5 77.9 117.9
106 96.2 73.4 113.4



#10
Phenol
Concen: 40.137 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132642.D
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Tgt Ion: 94 Resp: 875594
Ion Ratio Lower Upper
94 100
65 29.3 9.4 49.4
66 39.6 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 43.909 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

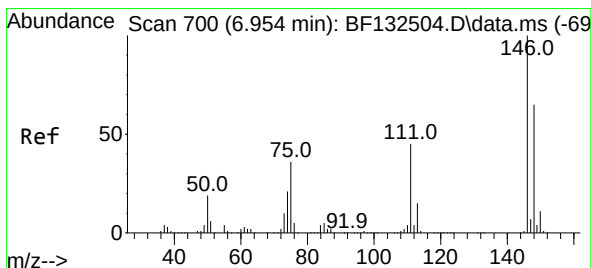
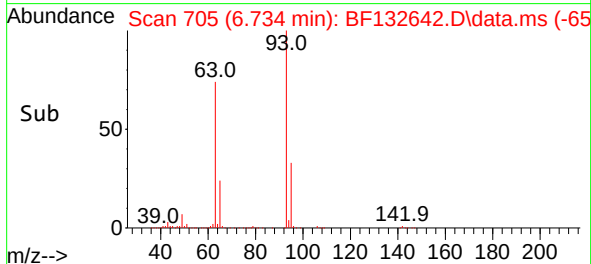
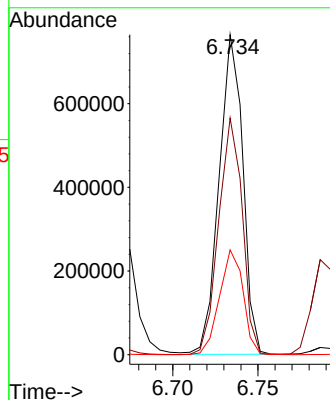
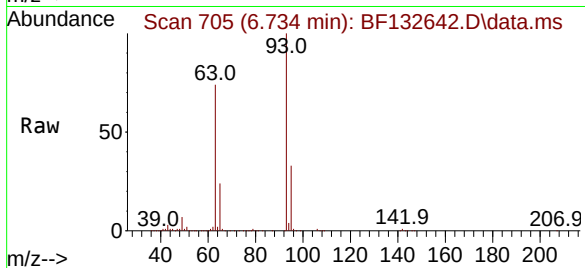
Tgt Ion: 93 Resp: 739463

Ion Ratio Lower Upper

93 100

63 73.9 59.6 99.6

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.891 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

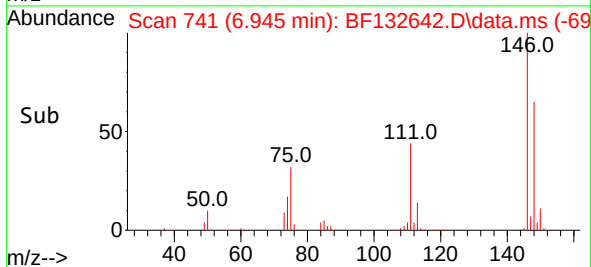
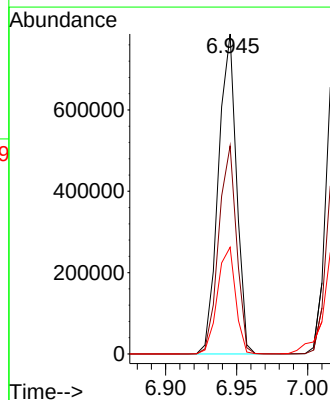
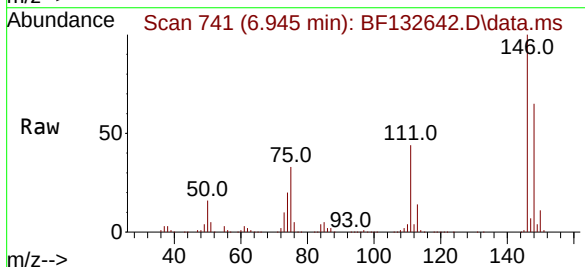
Tgt Ion:146 Resp: 696489

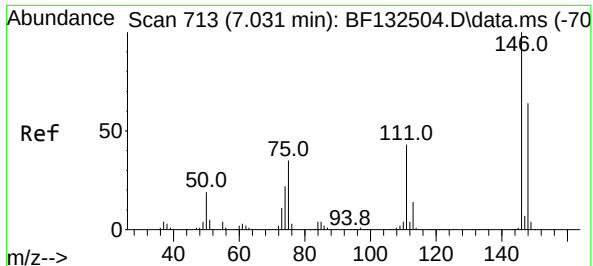
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

75 33.4 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 42.686 ng

RT: 7.022 min Scan# 70

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

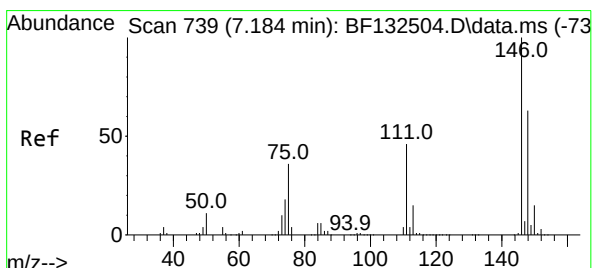
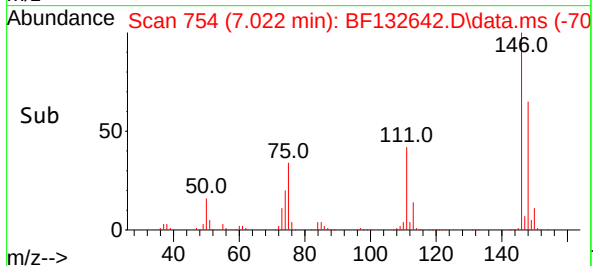
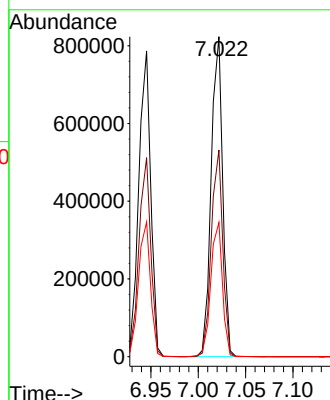
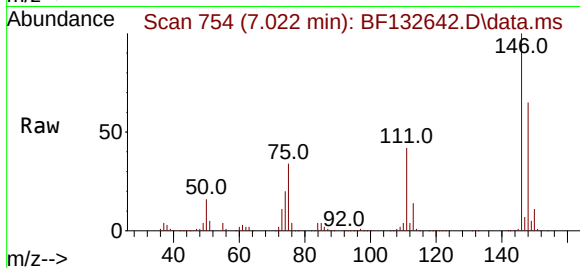
Tgt Ion:146 Resp: 692138

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 42.0 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 43.730 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

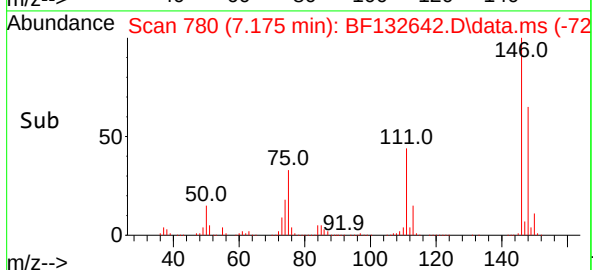
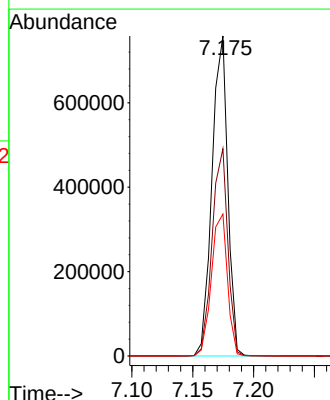
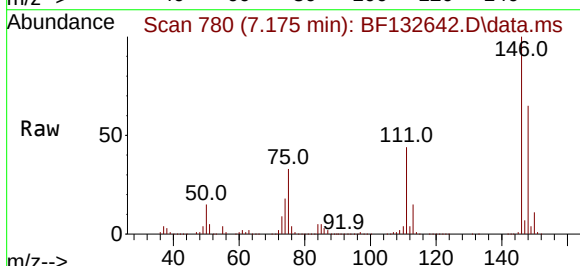
Tgt Ion:146 Resp: 680493

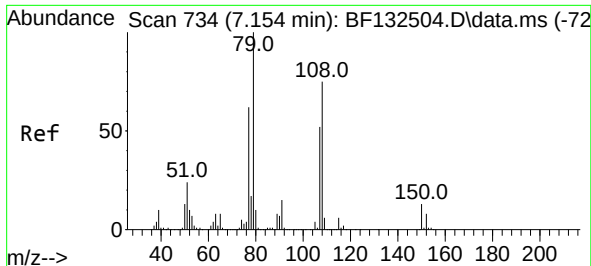
Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

111 44.4 37.2 55.8

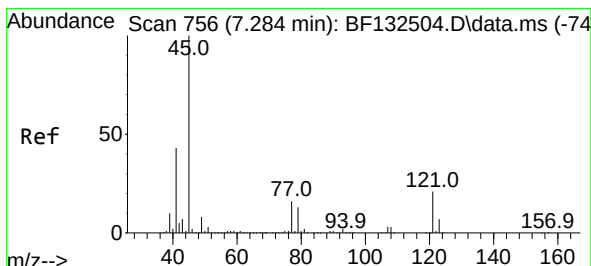
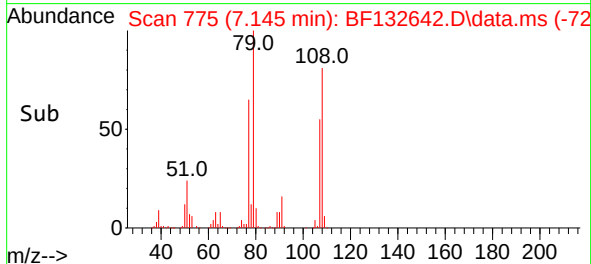
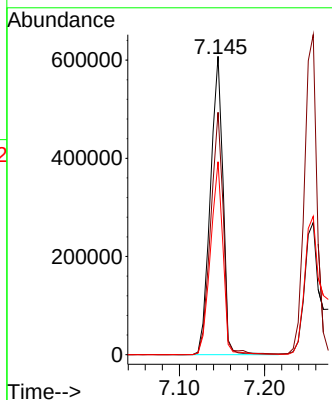
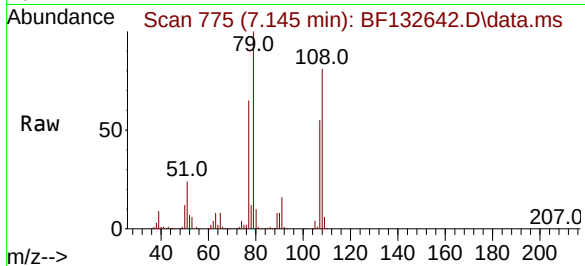




#15
Benzyl Alcohol
Concen: 42.771 ng
RT: 7.145 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

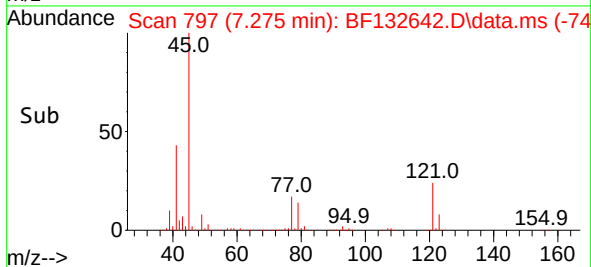
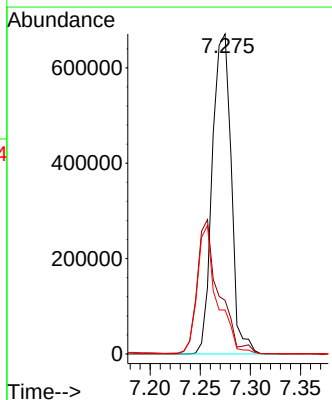
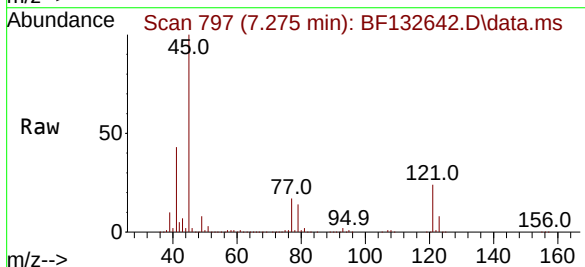
Instrument :
BNA_F
ClientSampleId :
PB151188BS

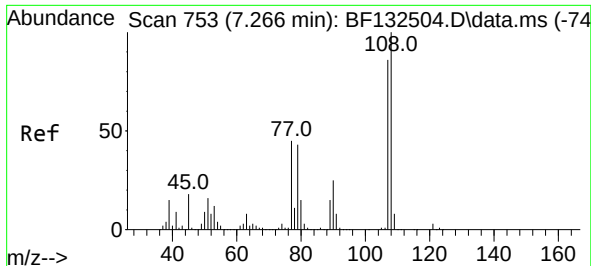
Tgt Ion: 79 Resp: 626791
Ion Ratio Lower Upper
79 100
108 81.2 60.2 90.4
77 64.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.956 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion: 45 Resp: 879567
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.4
79 13.8 0.0 33.4

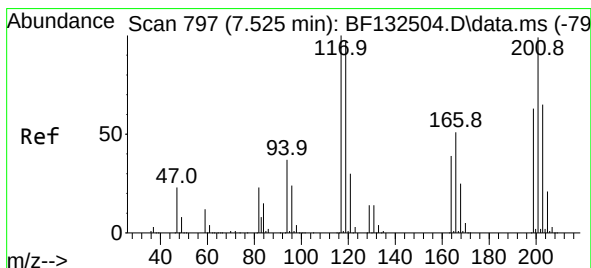
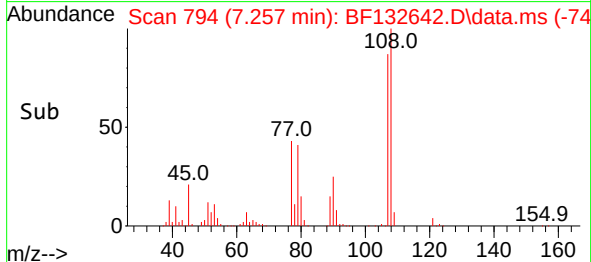
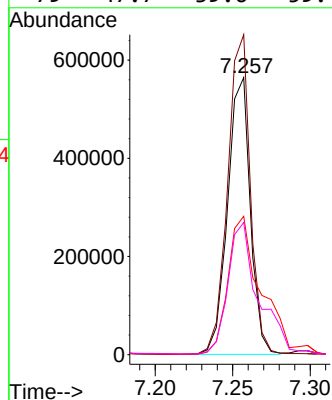
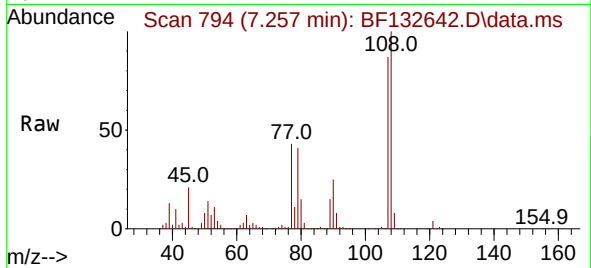




#17
2-Methylphenol
Concen: 40.713 ng
RT: 7.257 min Scan# 71
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

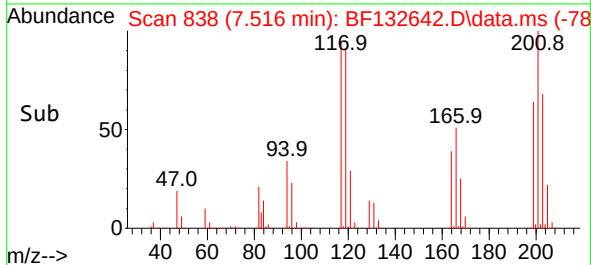
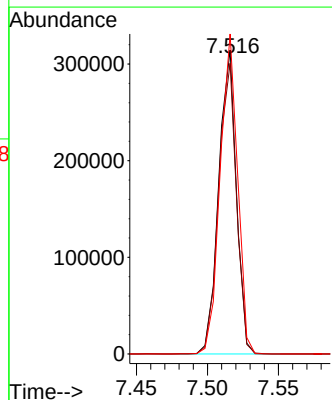
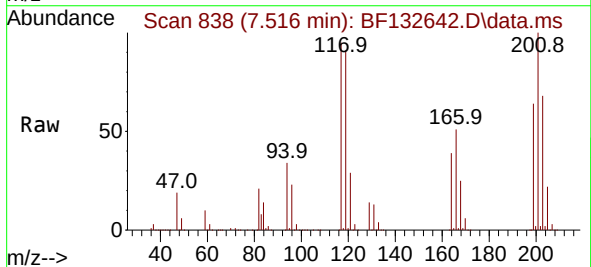
Instrument :
BNA_F
ClientSampleId :
PB151188BS

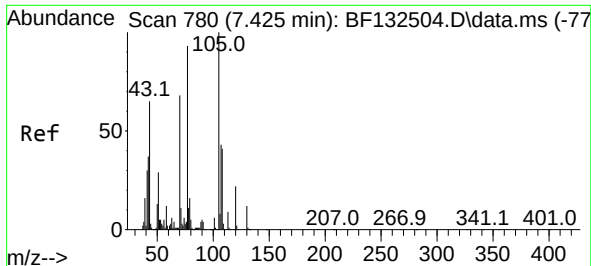
Tgt Ion:107 Resp: 574967
Ion Ratio Lower Upper
107 100
108 115.4 93.0 139.4
77 49.9 42.1 63.1
79 47.7 39.6 59.4



#18
Hexachloroethane
Concen: 42.647 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:117 Resp: 270158
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
201 105.3 79.0 118.4

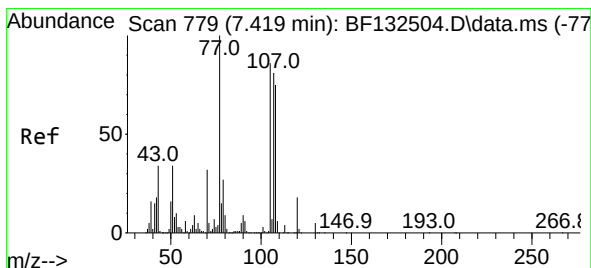
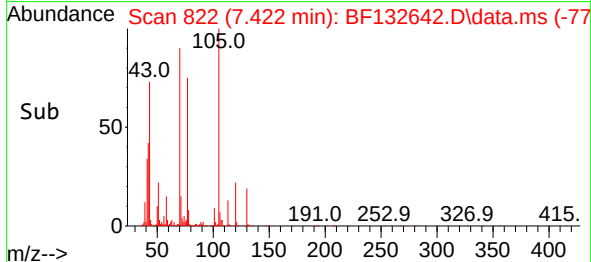
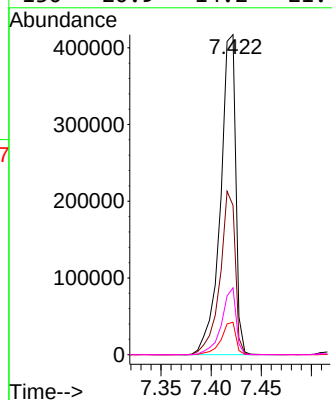
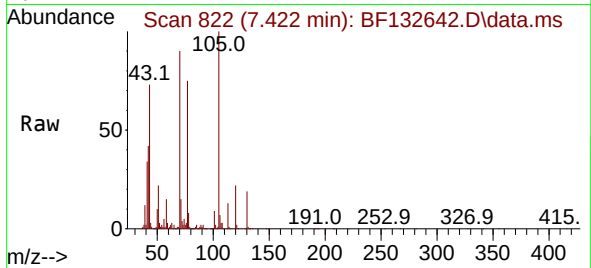




#19
n-Nitroso-di-n-propylamine
Concen: 37.764 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

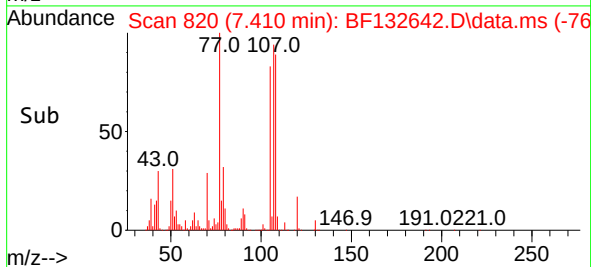
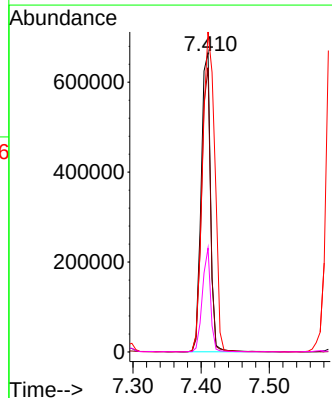
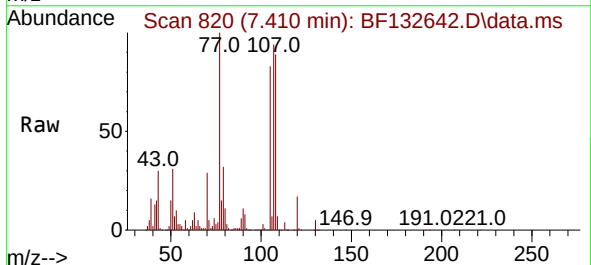
Instrument :
BNA_F
ClientSampleId :
PB151188BS

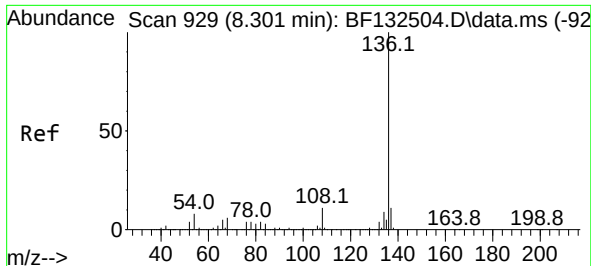
Tgt Ion: 70 Resp: 442244
Ion Ratio Lower Upper
70 100
42 46.7 44.1 66.1
101 10.1 7.4 11.2
130 20.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 34.854 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion: 107 Resp: 635929
Ion Ratio Lower Upper
107 100
108 95.0 72.6 112.6
77 106.9 104.0 144.0
79 34.7 14.1 54.1

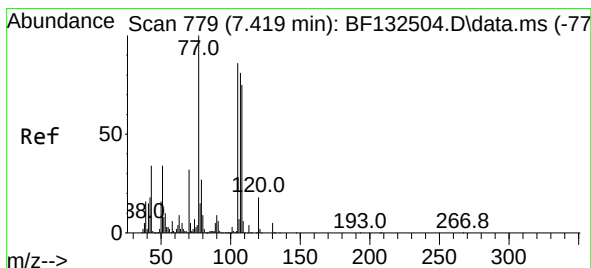
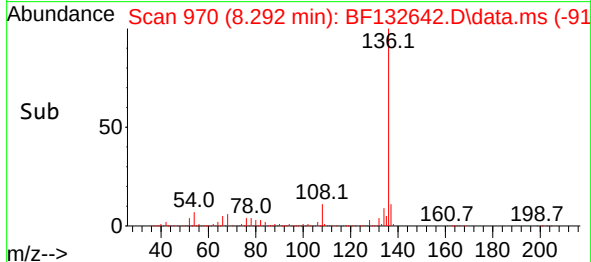
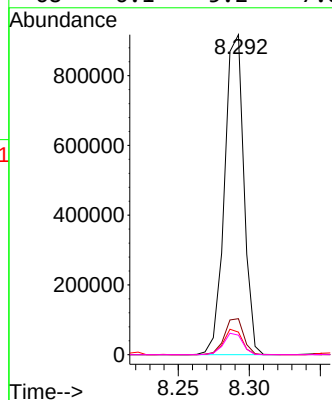
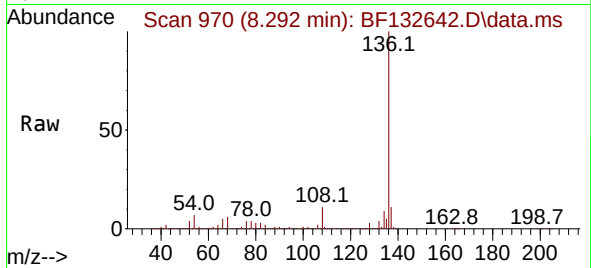




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

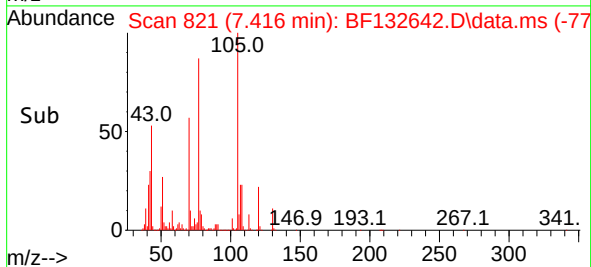
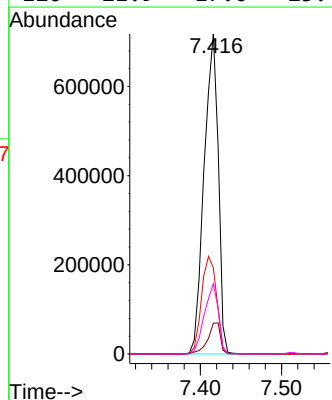
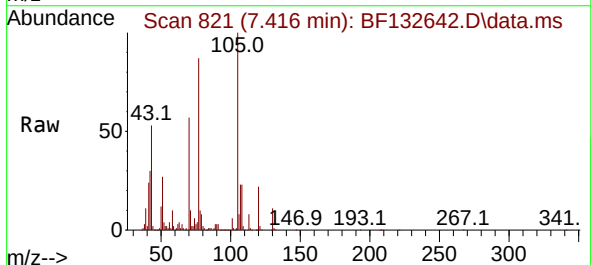
Instrument :
BNA_F
ClientSampleId :
PB151188BS

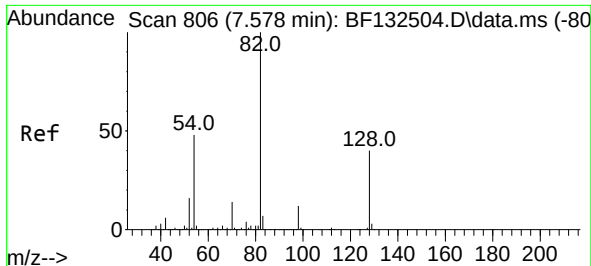
Tgt Ion:136 Resp: 864290
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.0 6.2 9.4
68 6.1 5.2 7.8



#22
Acetophenone
Concen: 39.752 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:105 Resp: 866345
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 27.0 31.5 47.3#
120 21.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.324 ng

RT: 7.575 min Scan# 84

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

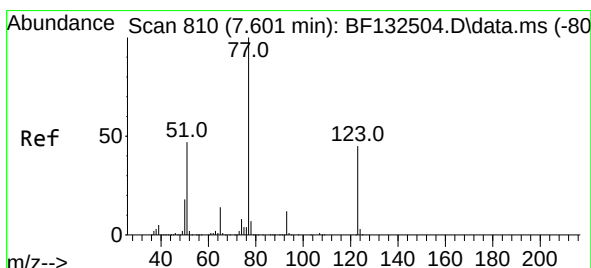
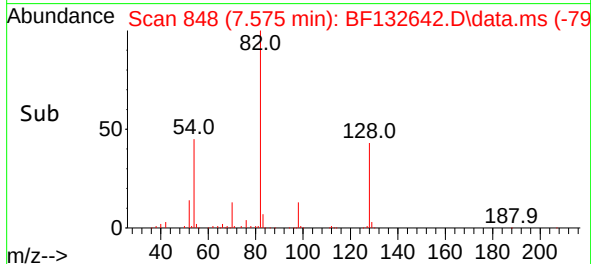
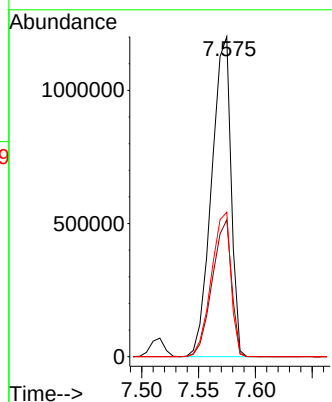
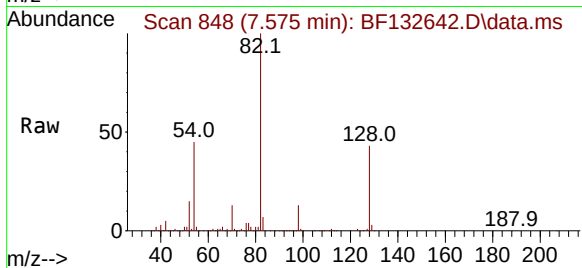
BNA_F

ClientSampleId :

PB151188BS

Tgt Ion: 82 Resp: 1426820

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.2	48.2
54	45.2	38.4	57.6



#24

Nitrobenzene

Concen: 39.291 ng

RT: 7.592 min Scan# 851

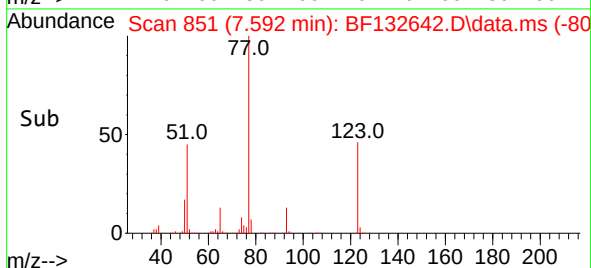
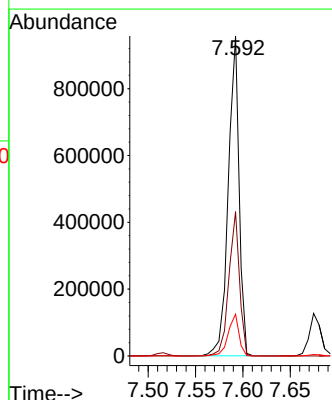
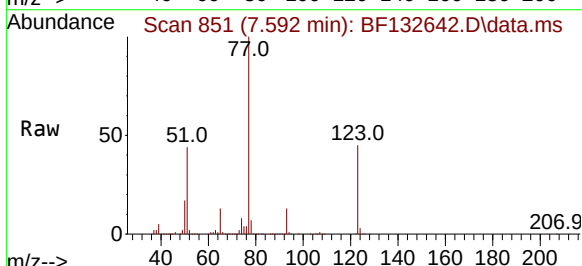
Delta R.T. -0.003 min

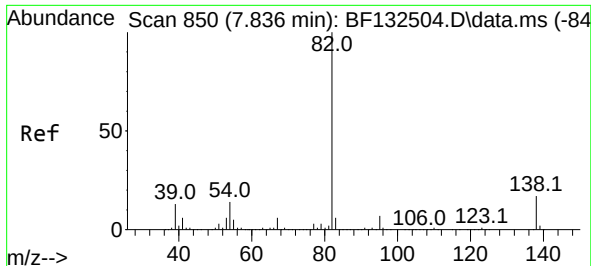
Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Tgt Ion: 77 Resp: 765488

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.8	53.6
65	13.0	10.9	16.3

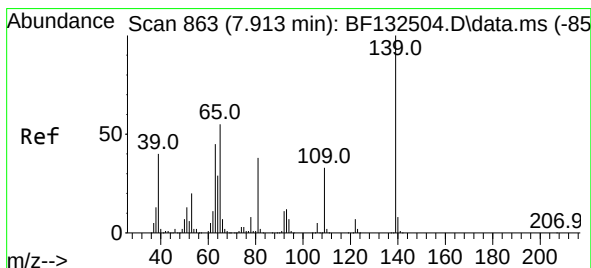
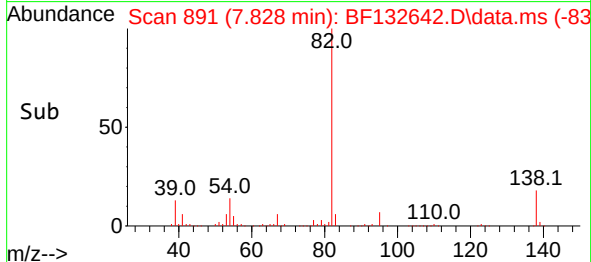
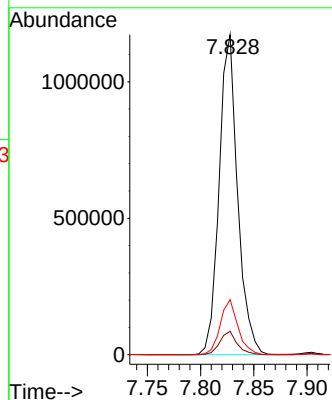
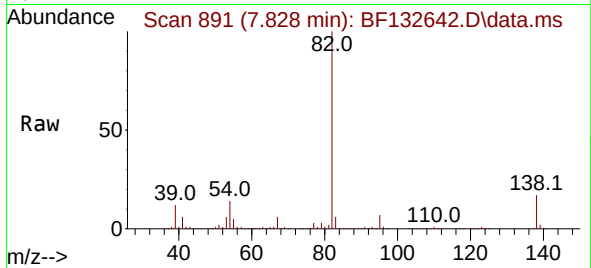




#25
Isophorone
Concen: 40.406 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

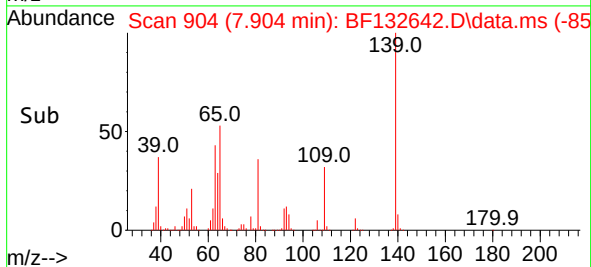
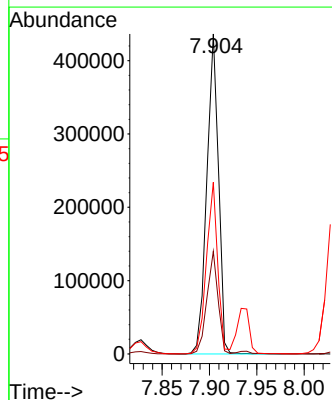
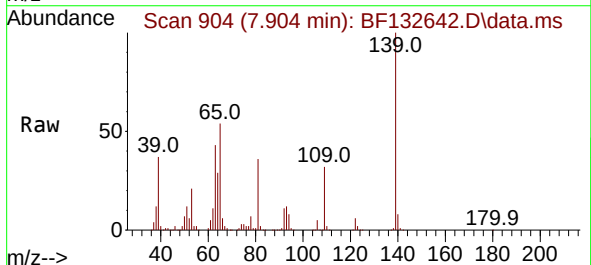
Instrument :
BNA_F
ClientSampleId :
PB151188BS

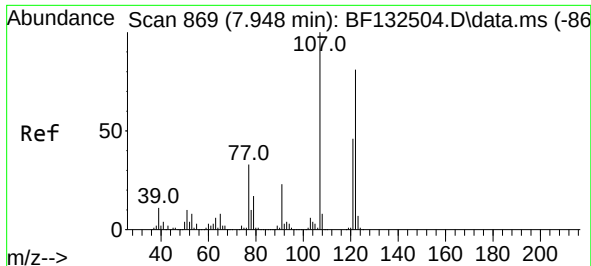
Tgt Ion: 82 Resp: 1411230
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 43.342 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:139 Resp: 372574
Ion Ratio Lower Upper
139 100
109 32.1 26.2 39.2
65 53.6 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 41.578 ng

RT: 7.939 min Scan# 91

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

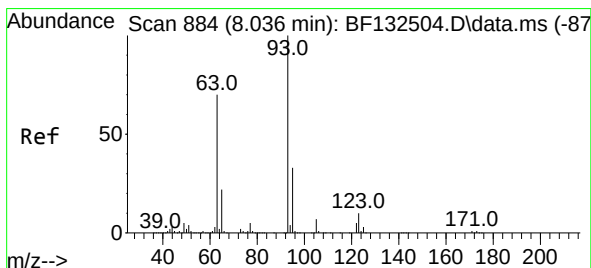
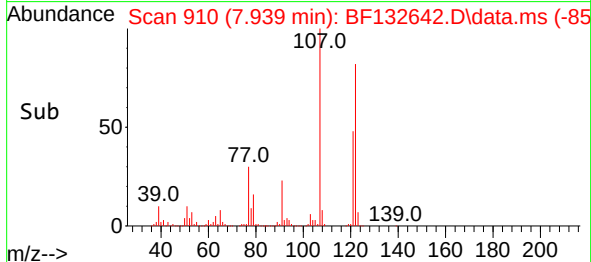
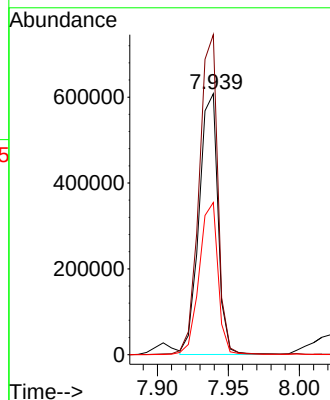
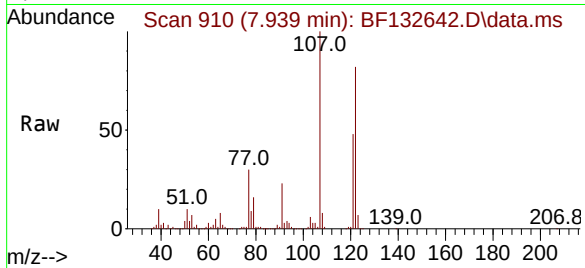
Tgt Ion:122 Resp: 564098

Ion Ratio Lower Upper

122 100

107 122.7 98.7 148.1

121 58.3 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.362 ng

RT: 8.034 min Scan# 926

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

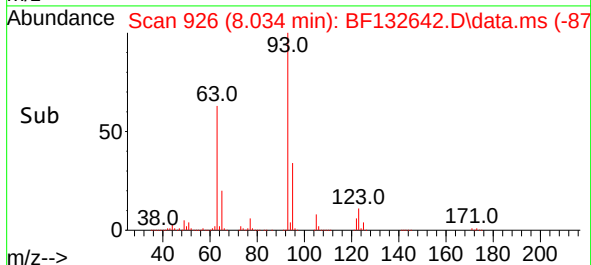
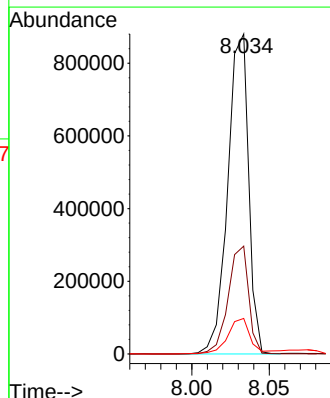
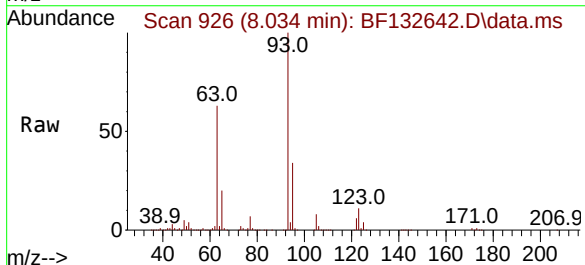
Tgt Ion: 93 Resp: 824636

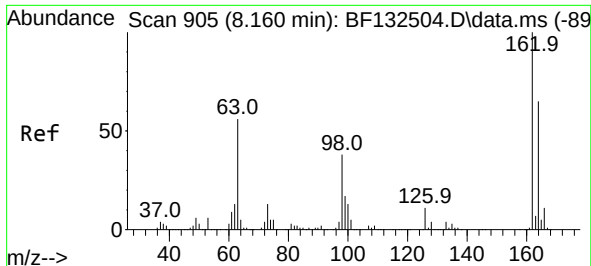
Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

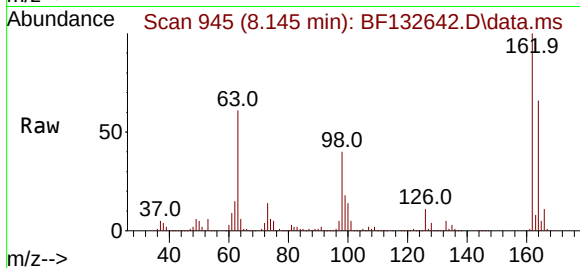
123 11.1 8.3 12.5



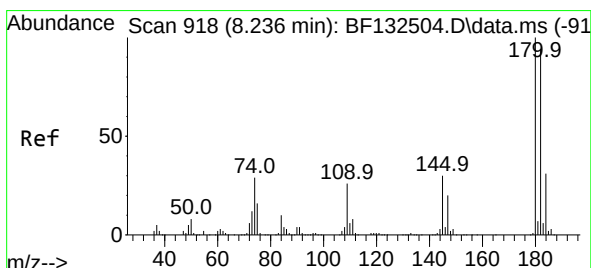
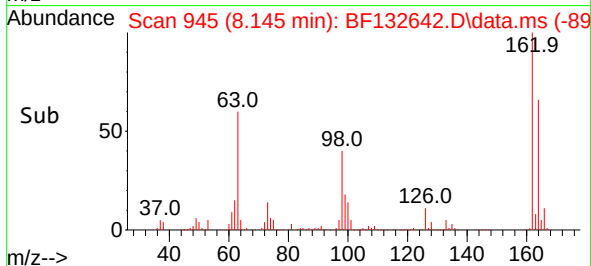
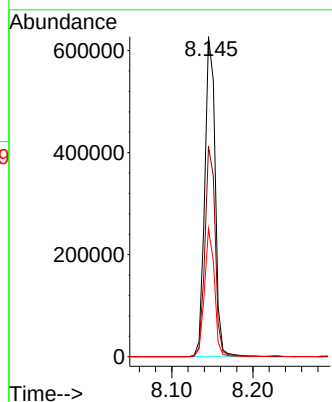


#29
2,4-Dichlorophenol
Concen: 41.549 ng
RT: 8.145 min Scan# 945
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Instrument :
BNA_F
ClientSampleId :
PB151188BS

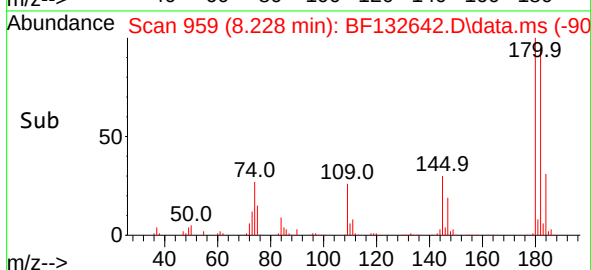
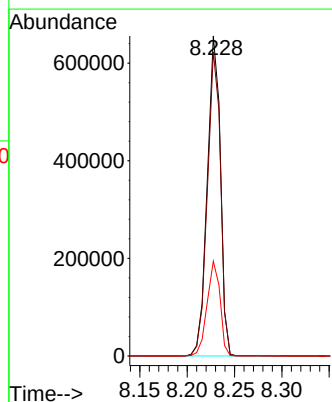
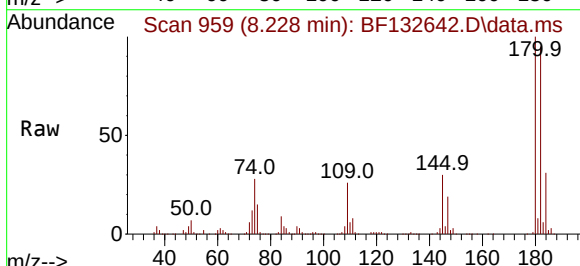


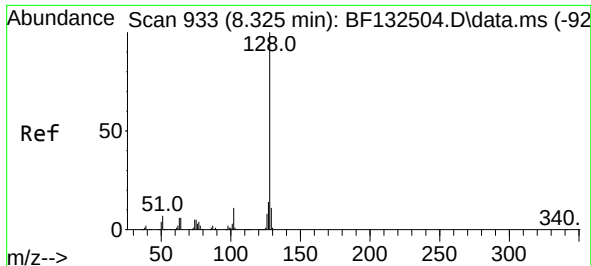
Tgt Ion:162 Resp: 560746
Ion Ratio Lower Upper
162 100
164 65.7 45.3 85.3
98 40.1 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 42.960 ng
RT: 8.228 min Scan# 959
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:180 Resp: 629557
Ion Ratio Lower Upper
180 100
182 95.0 75.1 112.7
145 29.6 23.8 35.6

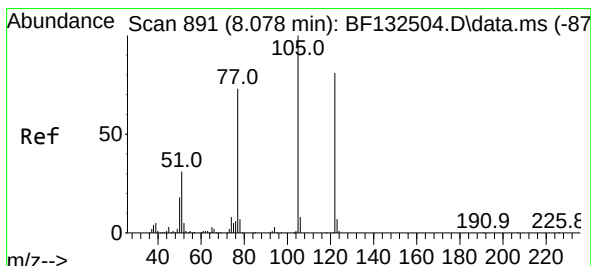
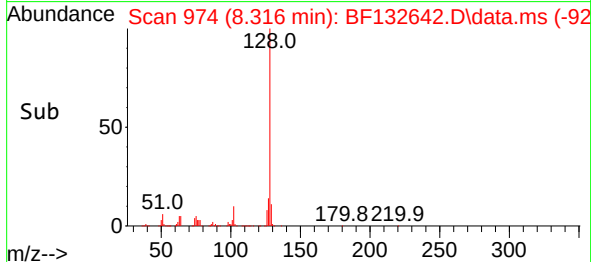
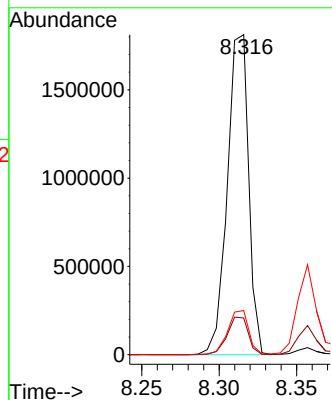
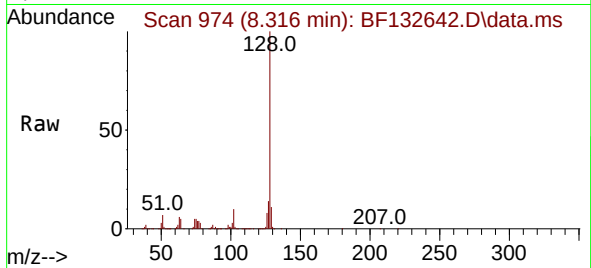




#31
Naphthalene
Concen: 39.257 ng
RT: 8.316 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

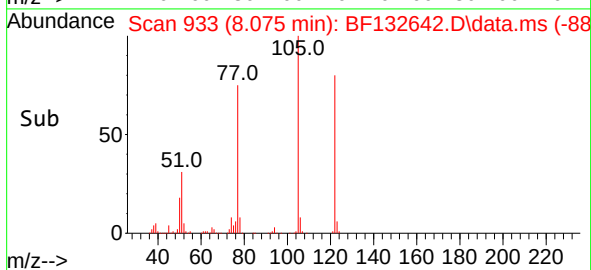
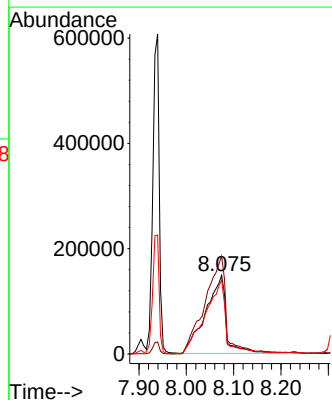
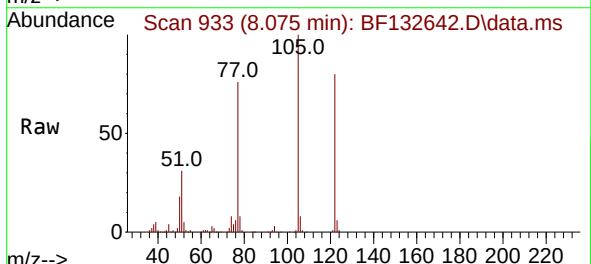
Instrument :
BNA_F
ClientSampleId :
PB151188BS

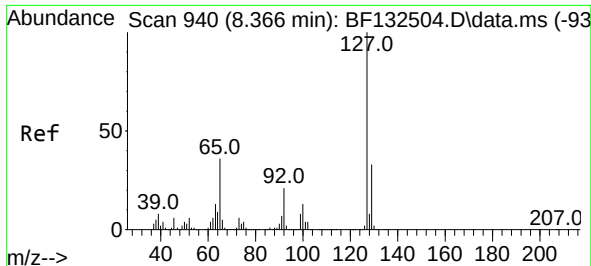
Tgt Ion:128 Resp: 1736959
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 42.684 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:122 Resp: 451411
Ion Ratio Lower Upper
122 100
105 124.5 102.6 142.6
77 94.3 70.2 110.2

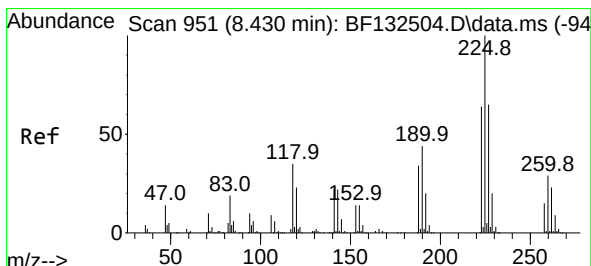
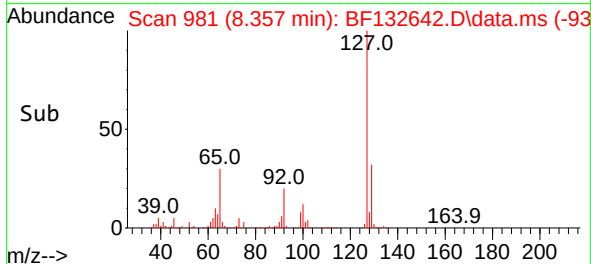
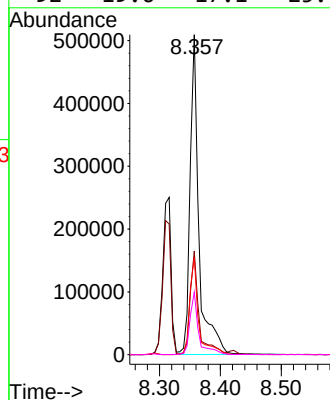
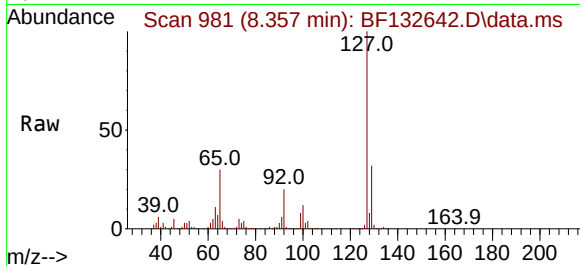




#33
4-Chloroaniline
Concen: 27.285 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

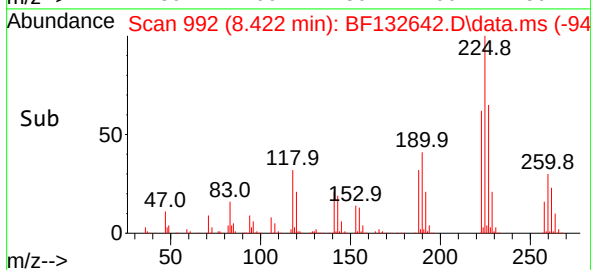
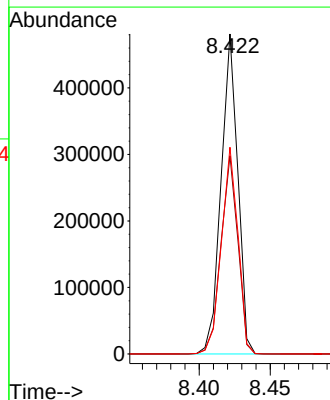
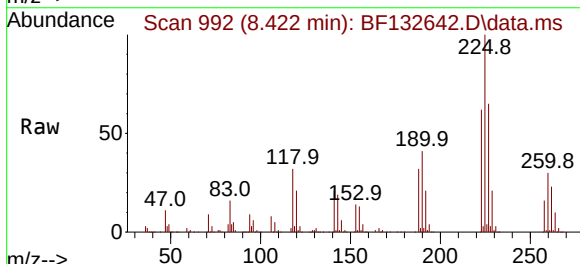
Instrument :
BNA_F
ClientSampleId :
PB151188BS

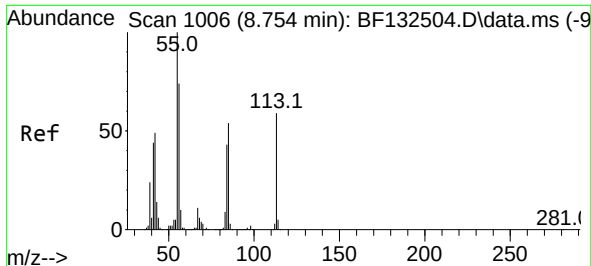
Tgt Ion:	127	Resp:	517327
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	30.4	28.8	43.2
92	19.6	17.1	25.7



#34
Hexachlorobutadiene
Concen: 42.174 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:	225	Resp:	392740
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.6	51.7	77.5

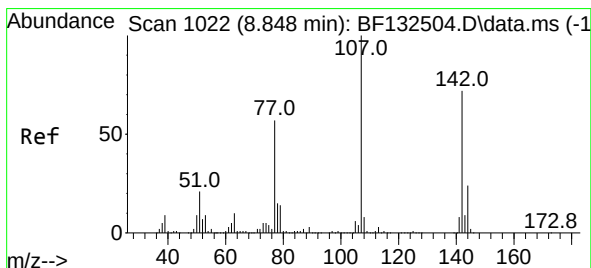
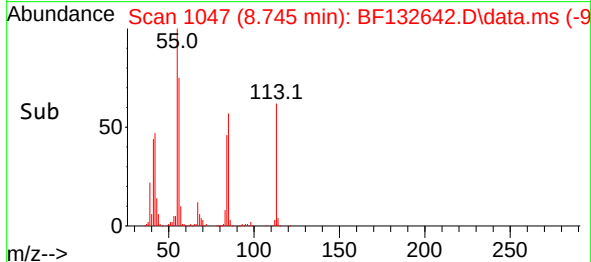
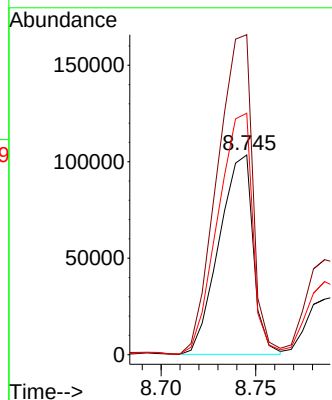
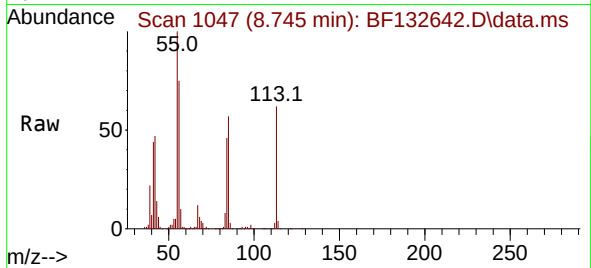




#35
 Caprolactam
 Concen: 29.093 ng
 RT: 8.745 min Scan# 1006
 Delta R.T. 0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

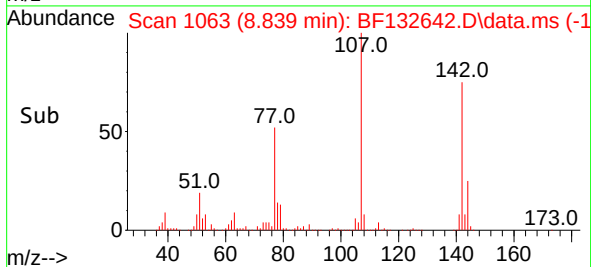
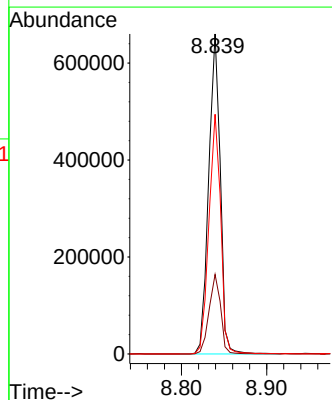
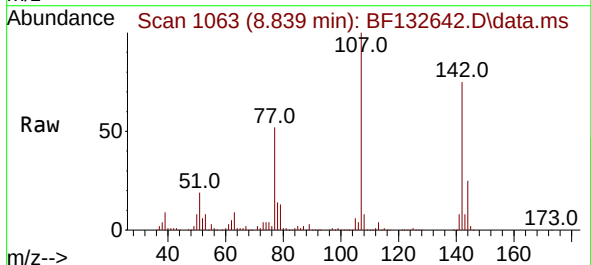
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BS

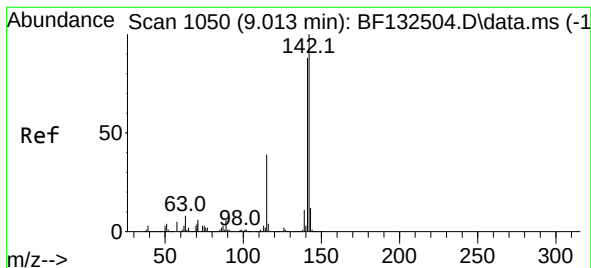
Tgt Ion:113 Resp: 129445
 Ion Ratio Lower Upper
 113 100
 55 160.3 149.4 189.4
 56 120.9 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.966 ng
 RT: 8.839 min Scan# 1063
 Delta R.T. -0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

Tgt Ion:107 Resp: 621995
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.9 28.3
 142 74.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.346 ng

RT: 9.004 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

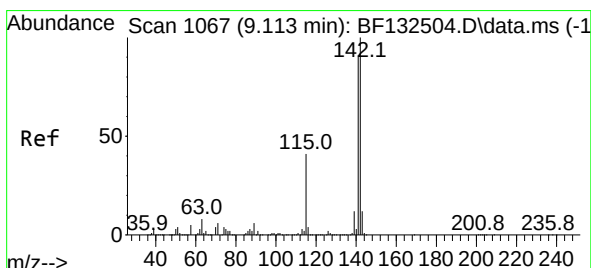
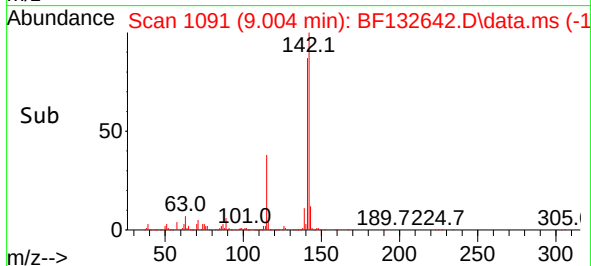
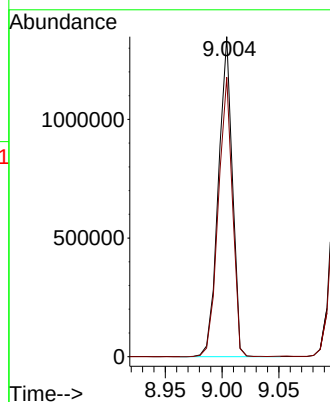
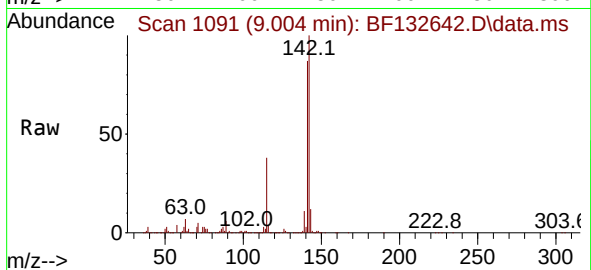
PB151188BS

Tgt Ion:142 Resp: 1156256

Ion Ratio Lower Upper

142 100

141 87.3 70.2 105.2



#38

1-Methylnaphthalene

Concen: 38.741 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132642.D

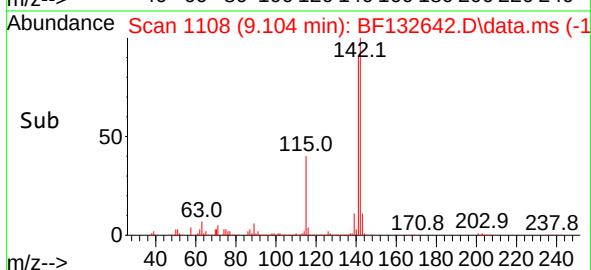
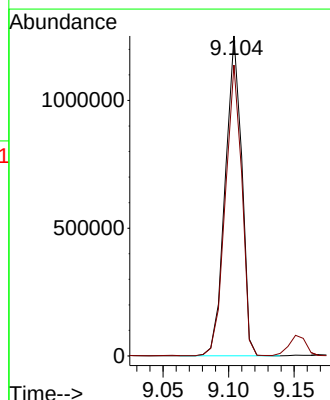
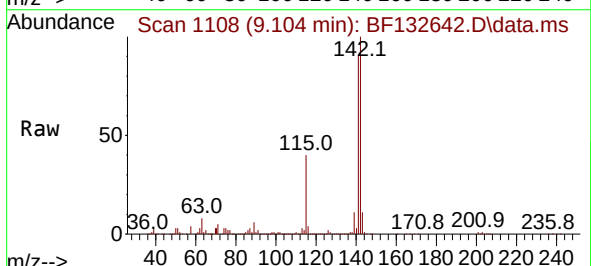
Acq: 06 Mar 2023 10:55

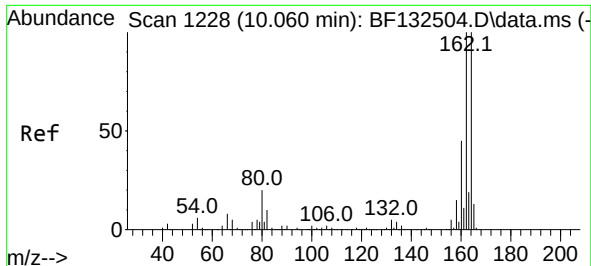
Tgt Ion:142 Resp: 1091699

Ion Ratio Lower Upper

142 100

141 90.9 73.0 109.6

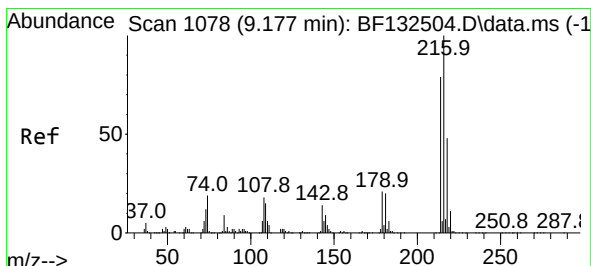
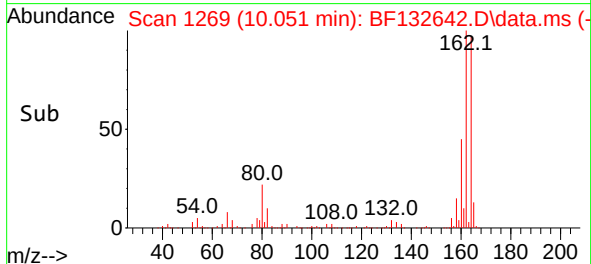
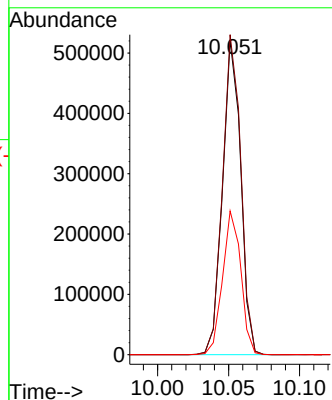
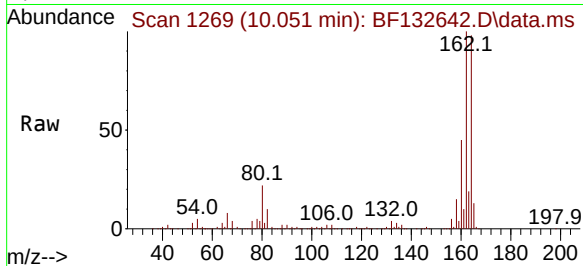




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

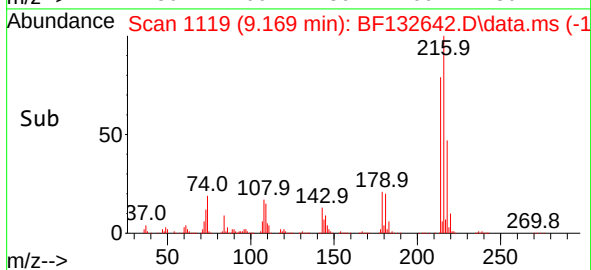
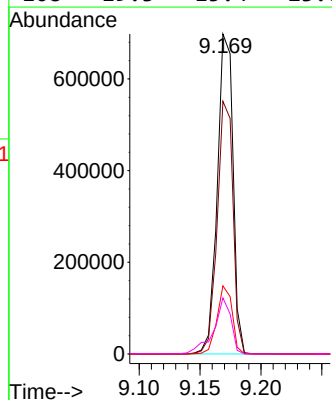
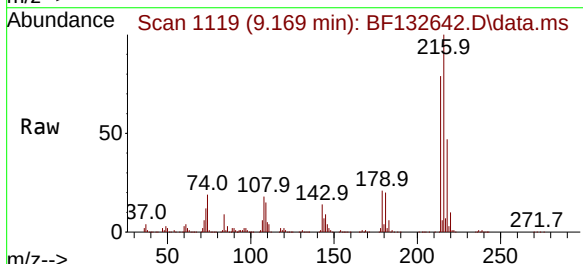
Instrument :
BNA_F
ClientSampleId :
PB151188BS

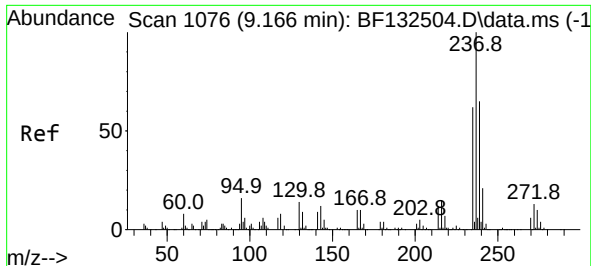
Tgt Ion:164 Resp: 461909
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.479 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:216 Resp: 626853
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 20.4 16.6 24.8
108 19.3 15.4 23.0

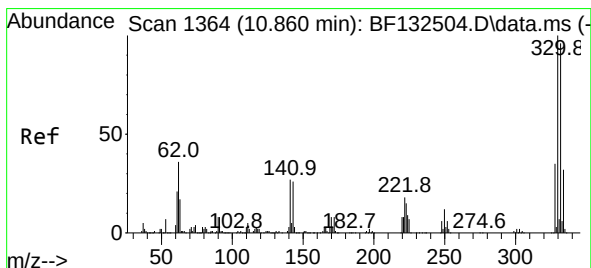
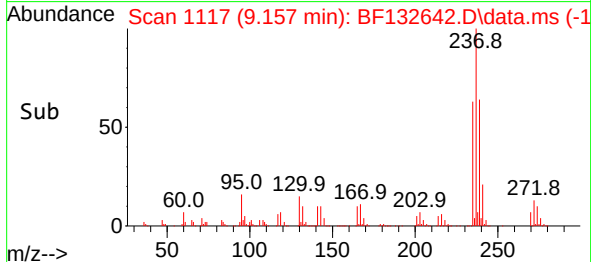
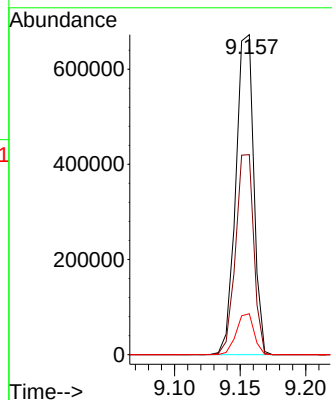
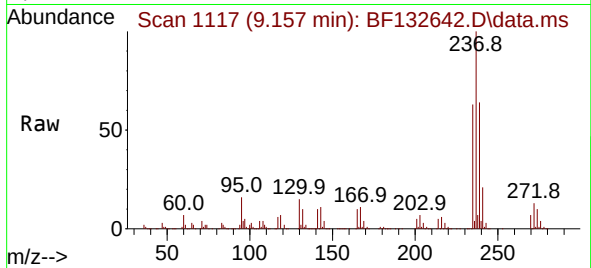




#41
Hexachlorocyclopentadiene
Concen: 78.535 ng
RT: 9.157 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

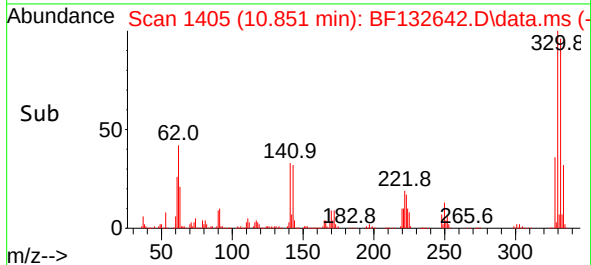
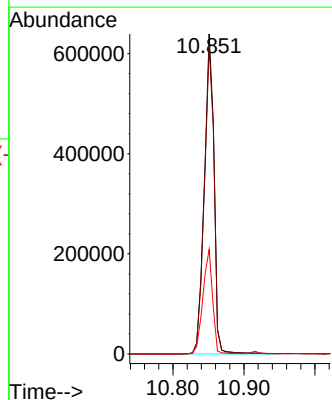
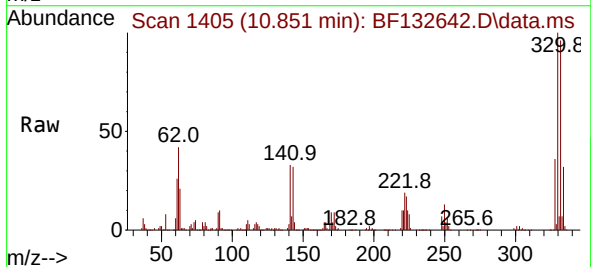
Instrument :
BNA_F
ClientSampleId :
PB151188BS

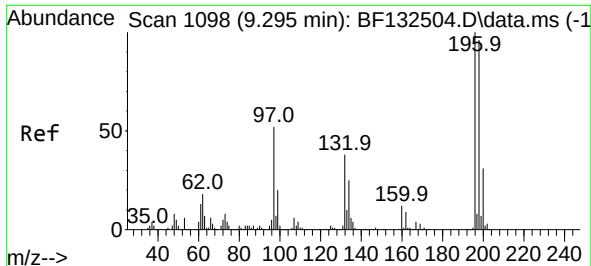
Tgt Ion:237 Resp: 643742
Ion Ratio Lower Upper
237 100
235 62.5 42.4 82.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 122.421 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:330 Resp: 610688
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 32.5 28.4 42.6

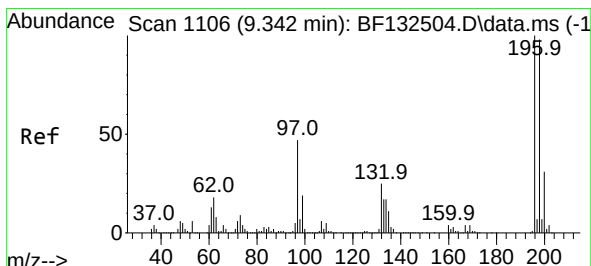
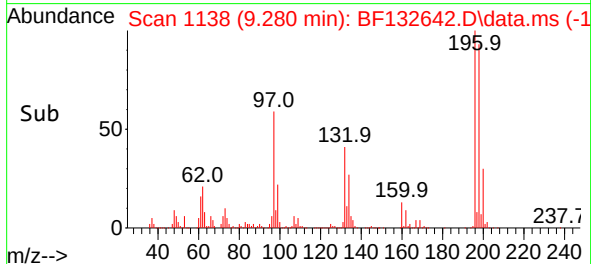
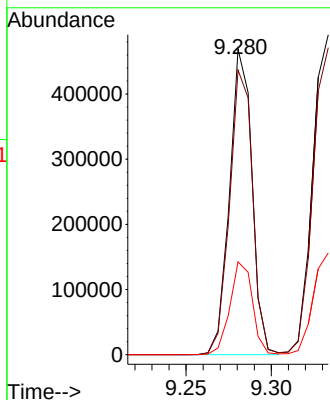
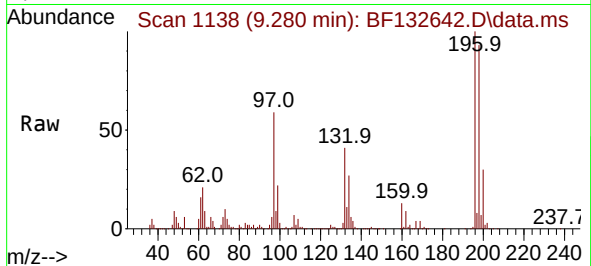




#43
2,4,6-Trichlorophenol
Concen: 42.074 ng
RT: 9.280 min Scan# 1118
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

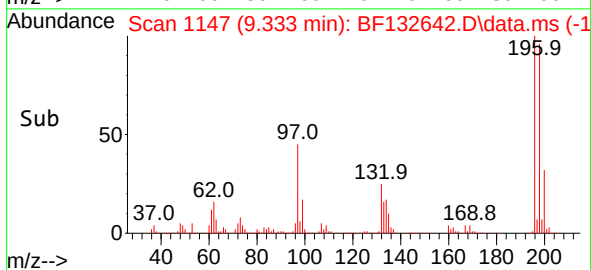
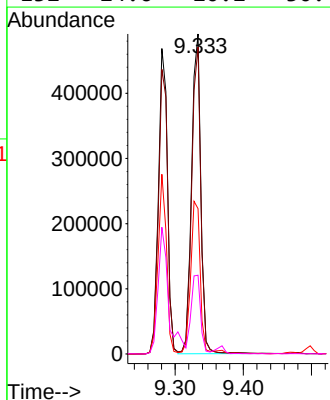
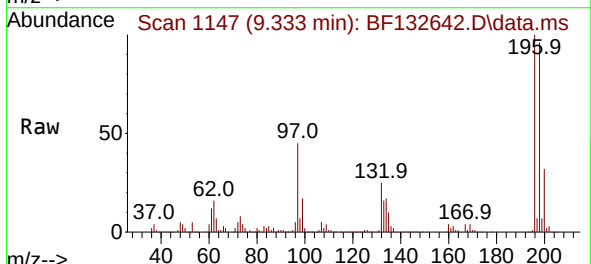
Instrument :
BNA_F
ClientSampleId :
PB151188BS

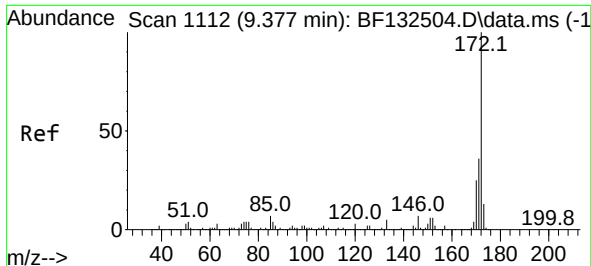
Tgt Ion:196 Resp: 430910
Ion Ratio Lower Upper
196 100
198 93.2 77.1 115.7
200 30.4 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 38.455 ng
RT: 9.333 min Scan# 1147
Delta R.T. 0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:196 Resp: 459668
Ion Ratio Lower Upper
196 100
198 96.0 78.3 117.5
97 45.4 38.1 57.1
132 24.6 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 72.470 ng

RT: 9.369 min Scan# 1112

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

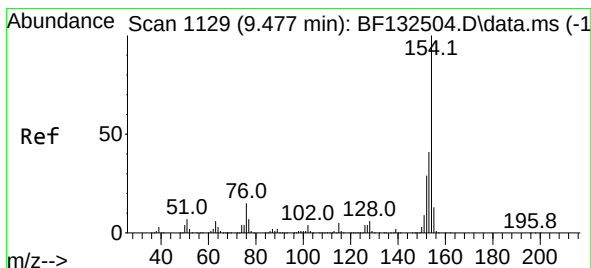
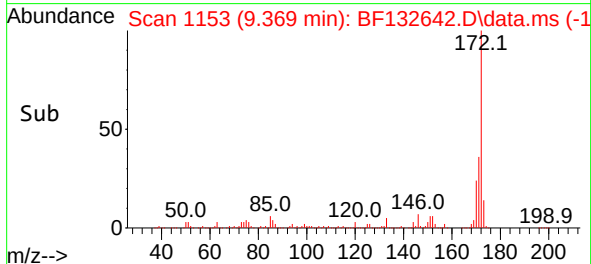
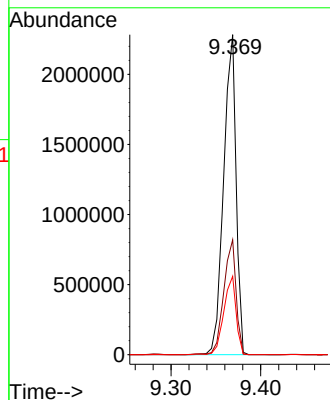
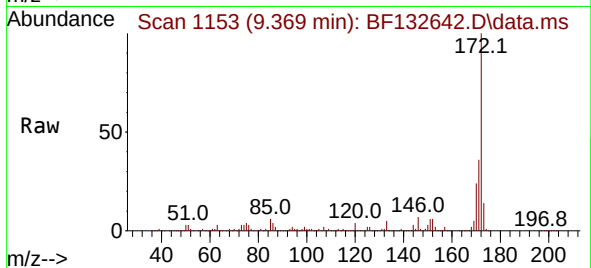
Tgt Ion:172 Resp: 2198411

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.5 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.285 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

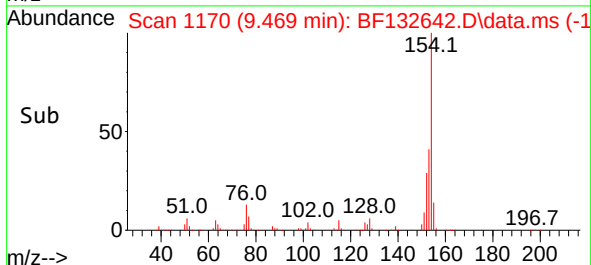
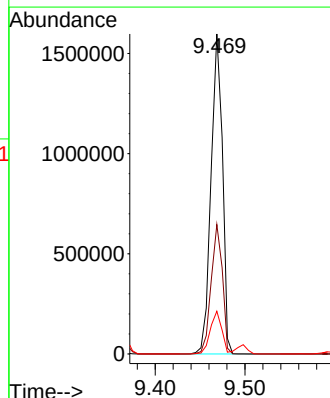
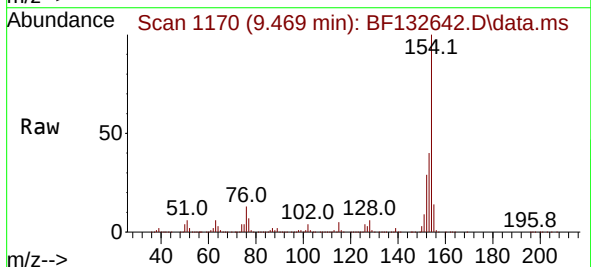
Tgt Ion:154 Resp: 1408398

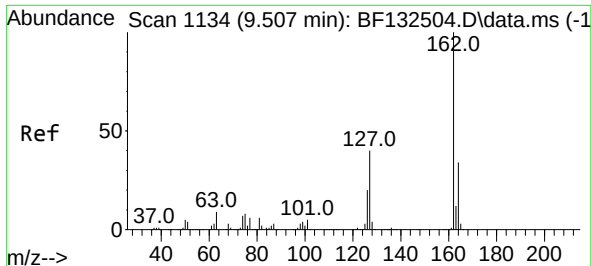
Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

76 13.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 41.153 ng

RT: 9.498 min Scan# 1117

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

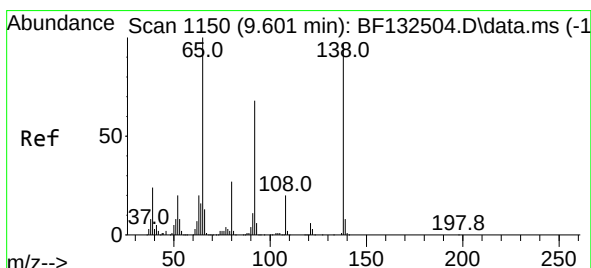
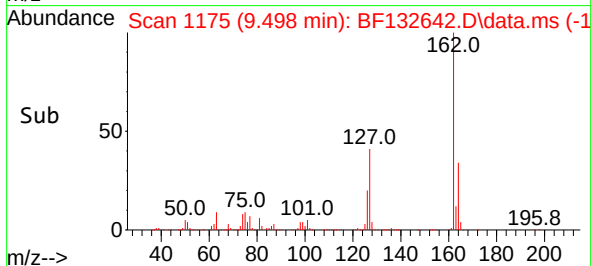
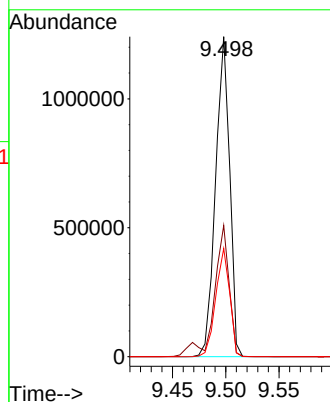
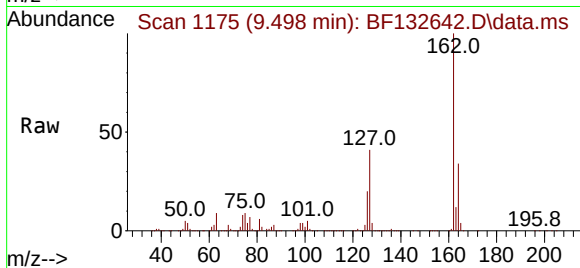
Tgt Ion:162 Resp: 1140722

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

164 33.8 26.9 40.3



#48

2-Nitroaniline

Concen: 39.540 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

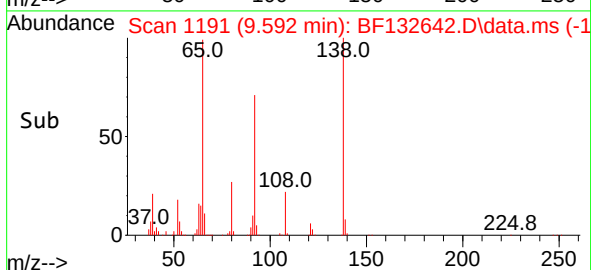
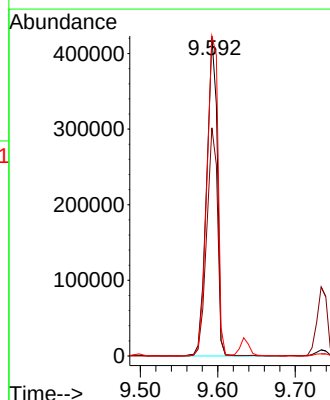
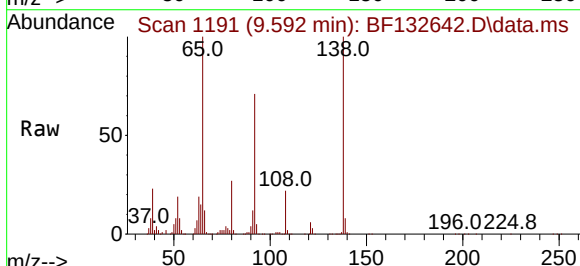
Tgt Ion: 65 Resp: 403663

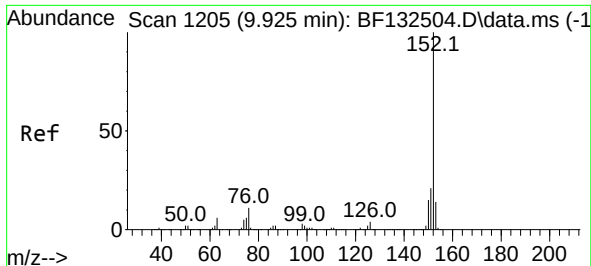
Ion Ratio Lower Upper

65 100

92 71.6 54.5 81.7

138 100.5 77.2 115.8





#49

Acenaphthylene

Concen: 39.616 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

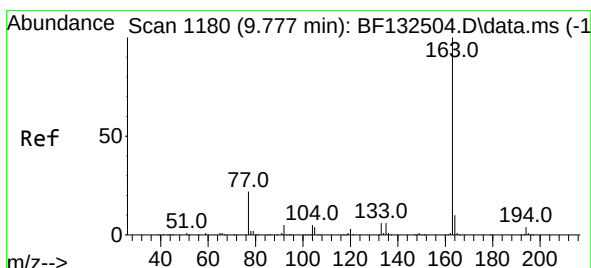
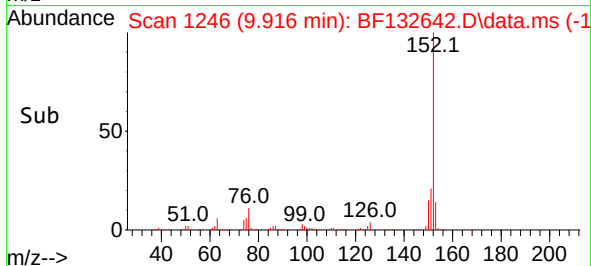
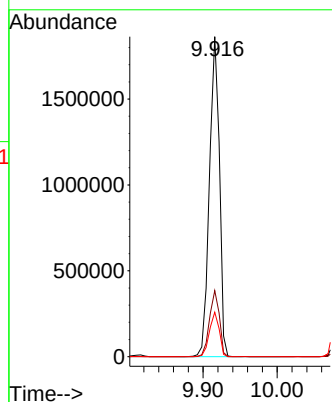
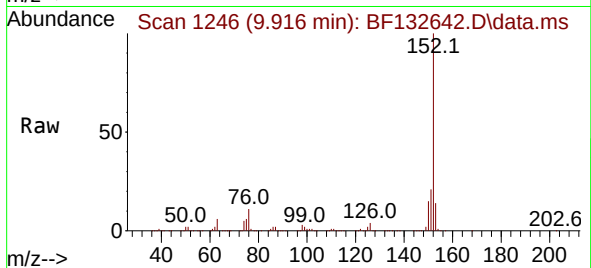
Tgt Ion:152 Resp: 1747658

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.9 11.0 16.6



#50

Dimethylphthalate

Concen: 40.741 ng

RT: 9.769 min Scan# 1221

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

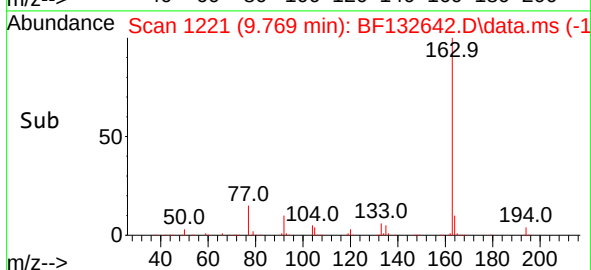
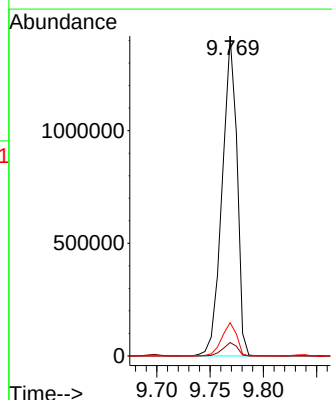
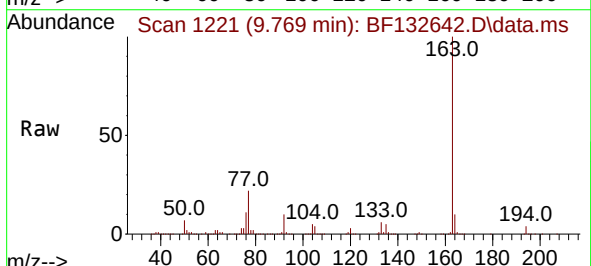
Tgt Ion:163 Resp: 1370238

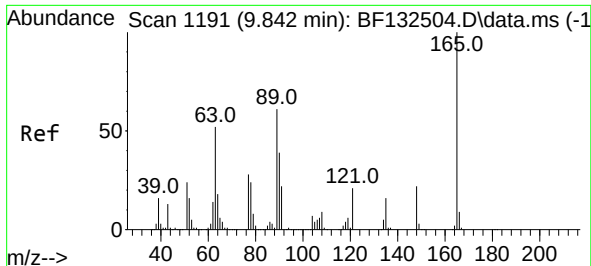
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5

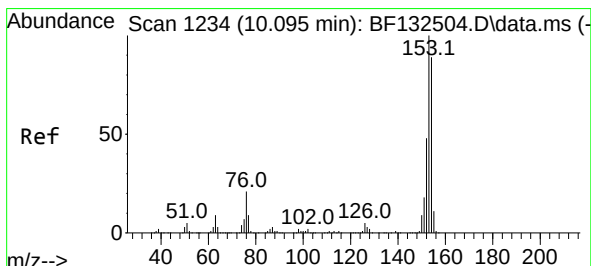
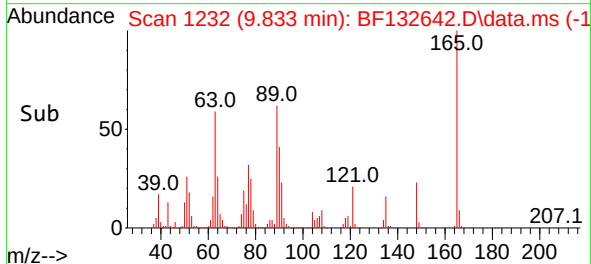
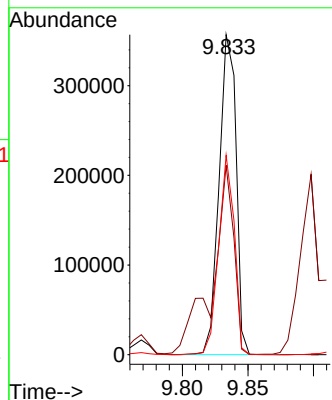
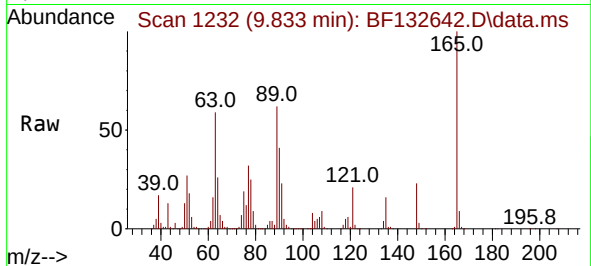




#51
2,6-Dinitrotoluene
Concen: 41.883 ng
RT: 9.833 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

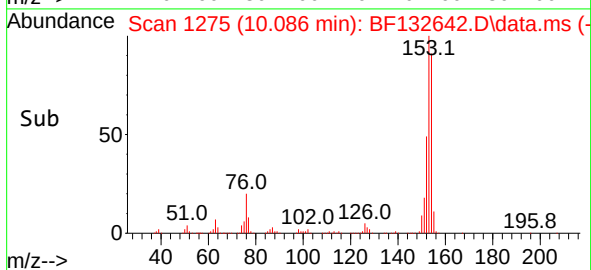
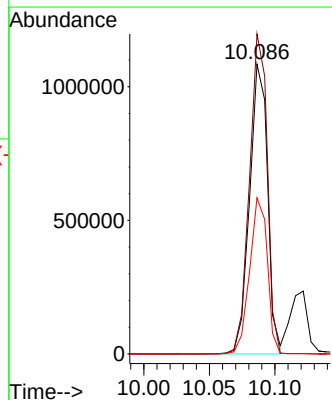
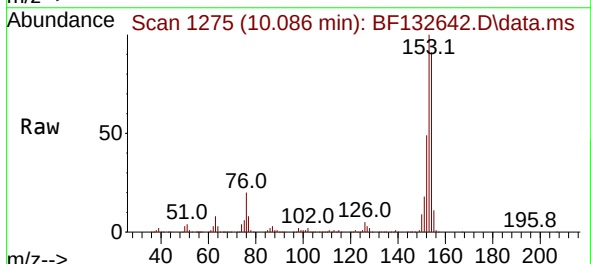
Instrument :
BNA_F
ClientSampleId :
PB151188BS

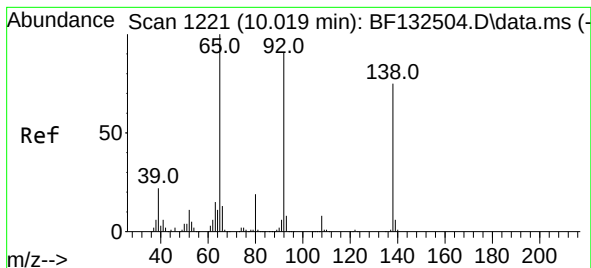
Tgt Ion:165 Resp: 320804
Ion Ratio Lower Upper
165 100
63 59.2 47.3 70.9
89 62.3 48.9 73.3



#52
Acenaphthene
Concen: 36.897 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:154 Resp: 1033582
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.8
152 53.9 43.3 64.9

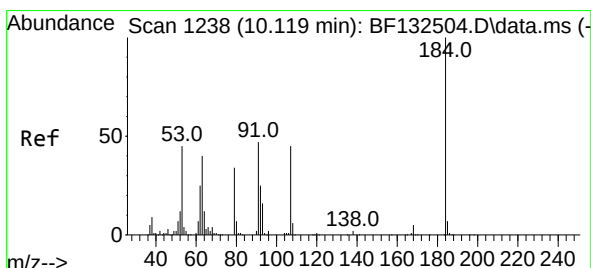
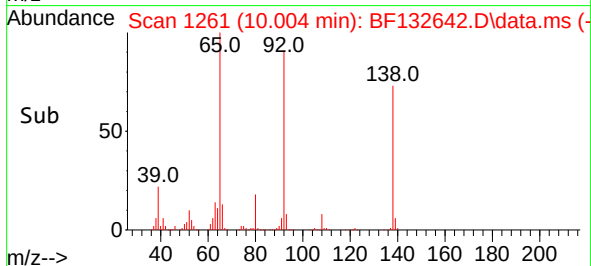
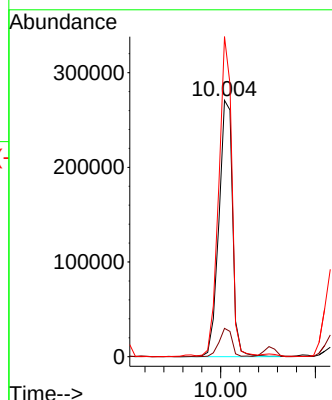
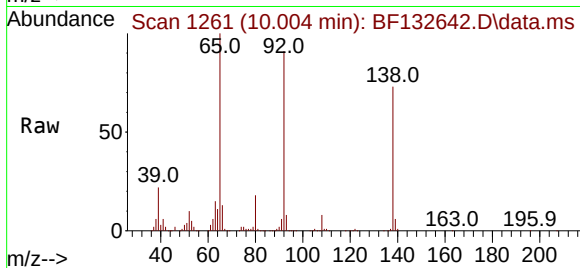




#53
3-Nitroaniline
Concen: 31.787 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

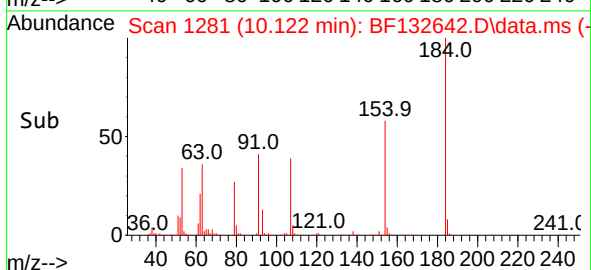
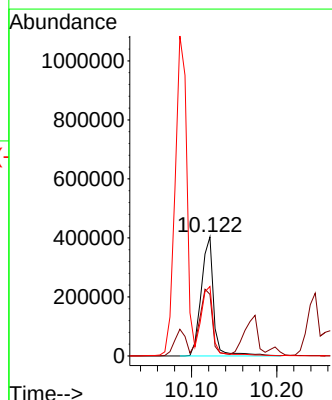
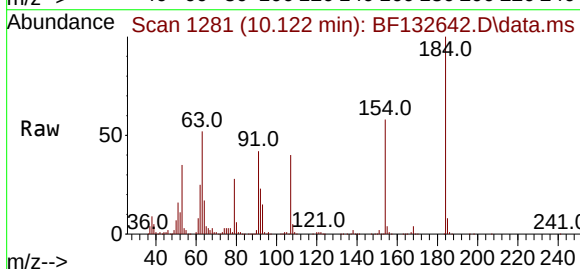
Instrument :
BNA_F
ClientSampleId :
PB151188BS

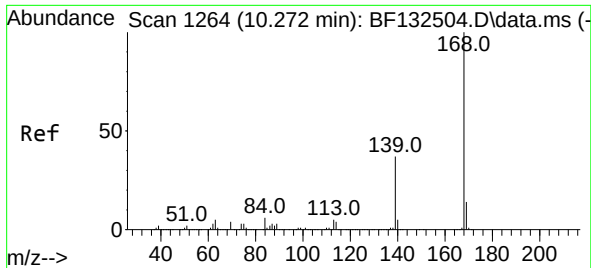
Tgt Ion:138 Resp: 272358
Ion Ratio Lower Upper
138 100
108 11.1 8.1 12.1
92 124.9 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 84.926 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:184 Resp: 410477
Ion Ratio Lower Upper
184 100
63 51.8 51.4 77.2
154 58.4 48.3 72.5

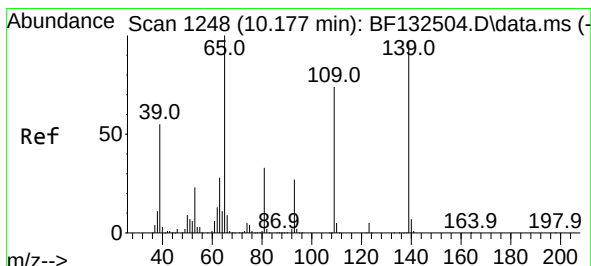
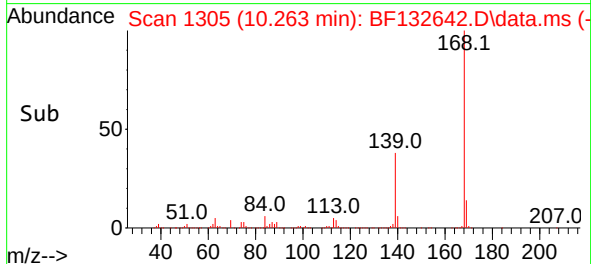
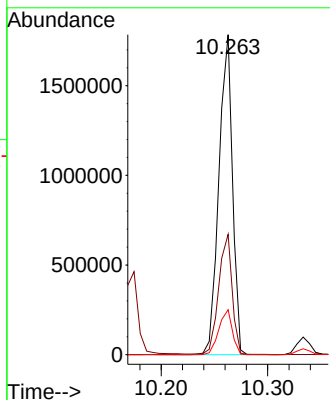
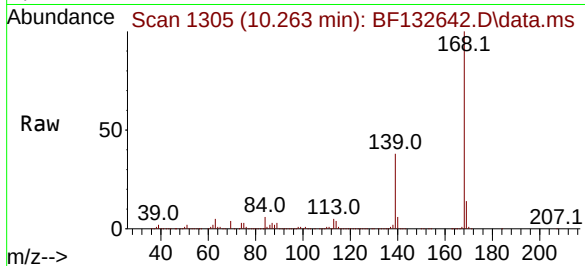




#55
Dibenzofuran
Concen: 38.527 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

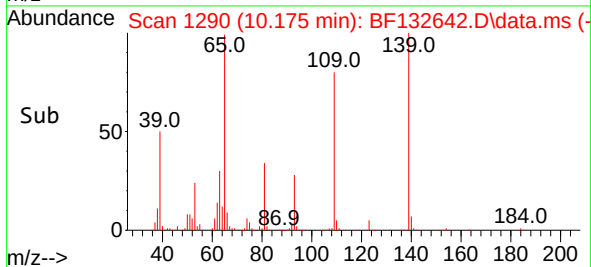
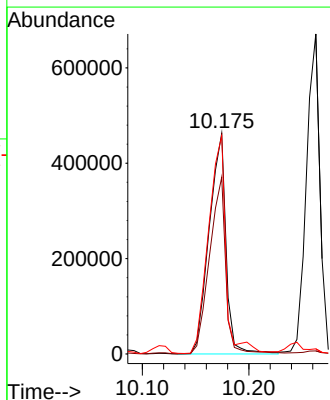
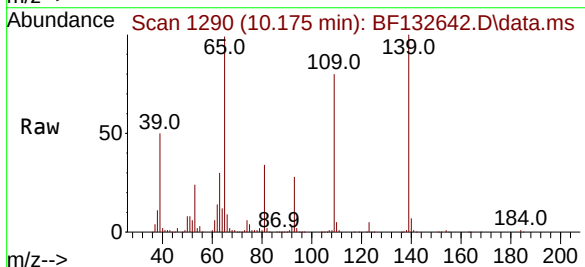
Instrument :
BNA_F
ClientSampleId :
PB151188BS

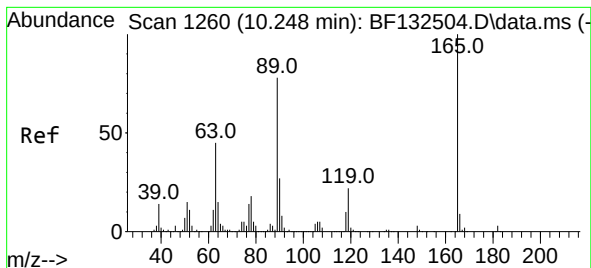
Tgt Ion:168 Resp: 1573373
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 79.687 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.009 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:139 Resp: 509187
Ion Ratio Lower Upper
139 100
109 80.1 56.7 96.7
65 98.9 83.5 123.5

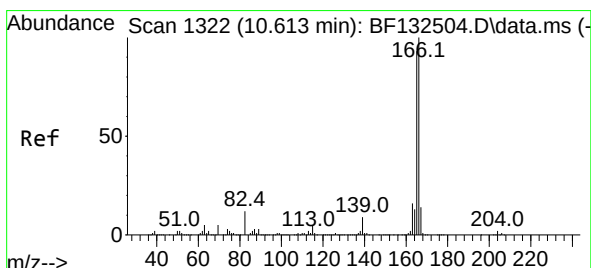
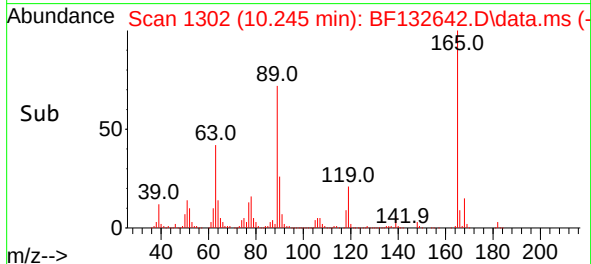
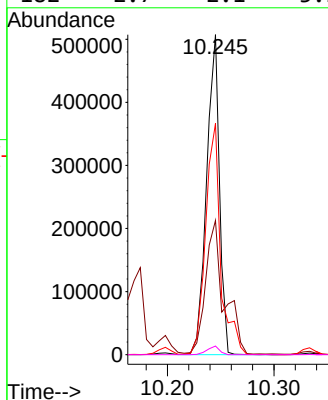
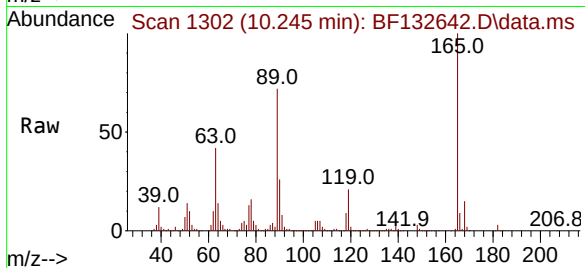




#57
2,4-Dinitrotoluene
Concen: 41.871 ng
RT: 10.245 min Scan# 1302
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

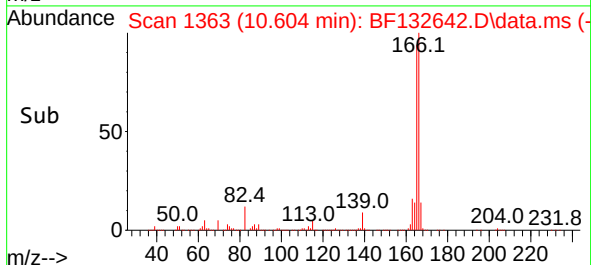
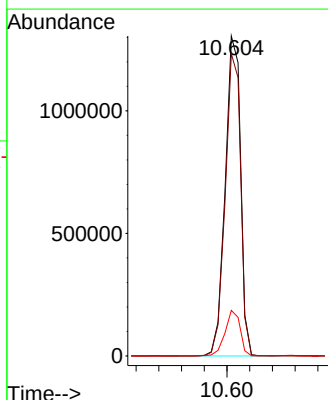
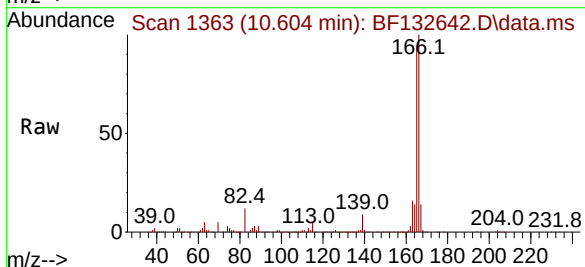
Instrument :
BNA_F
ClientSampleId :
PB151188BS

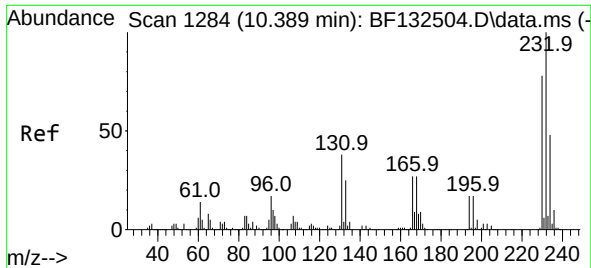
Tgt Ion:165 Resp: 426664
Ion Ratio Lower Upper
165 100
63 42.0 36.5 54.7
89 72.3 62.4 93.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.345 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:166 Resp: 1229005
Ion Ratio Lower Upper
166 100
165 94.5 74.2 111.4
167 14.2 11.1 16.7

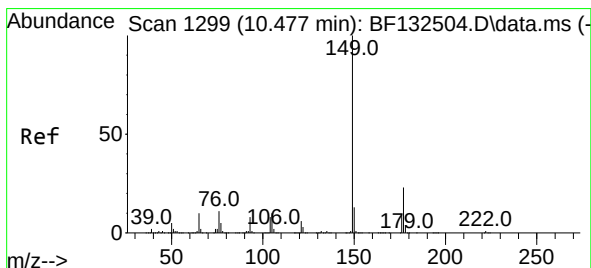
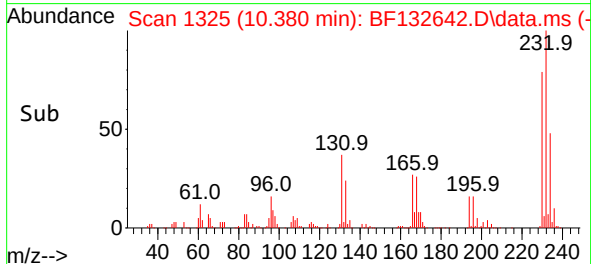
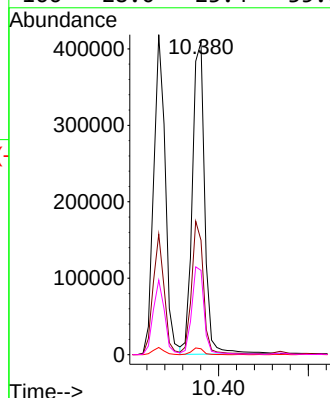
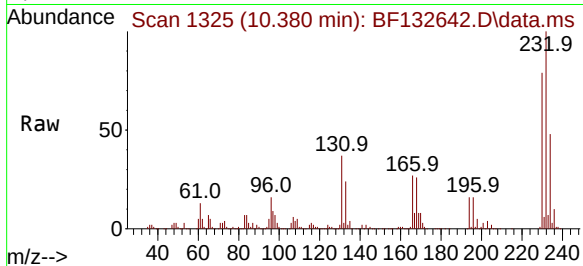




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.019 ng
RT: 10.380 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

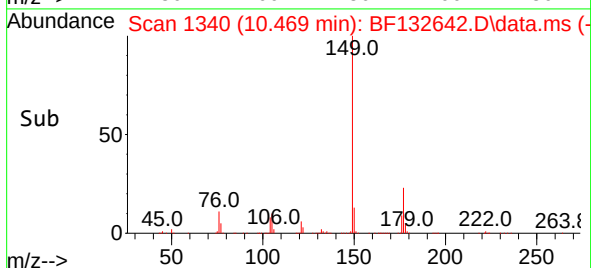
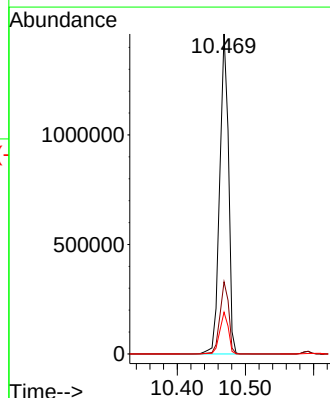
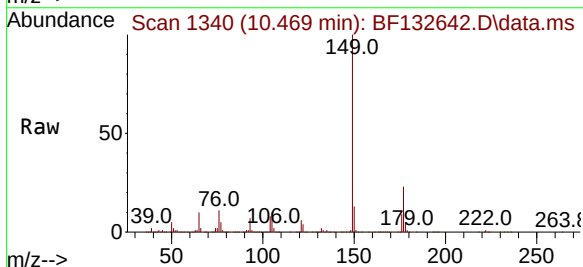
Instrument :
BNA_F
ClientSampleId :
PB151188BS

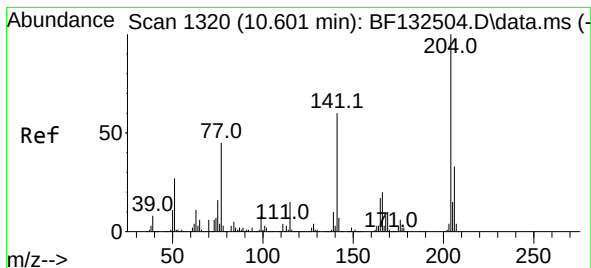
Tgt Ion:232 Resp: 390869
Ion Ratio Lower Upper
232 100
131 40.2 33.8 50.8
130 2.1 1.7 2.5
166 28.0 23.4 35.0



#60
Diethylphthalate
Concen: 39.799 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:149 Resp: 1307286
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 13.1 10.2 15.2

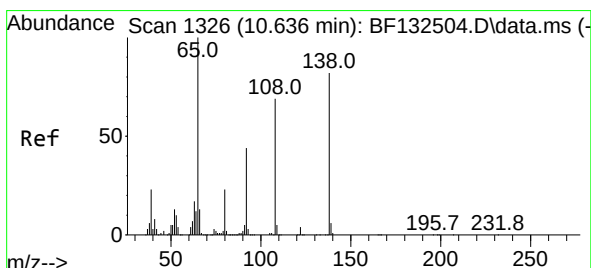
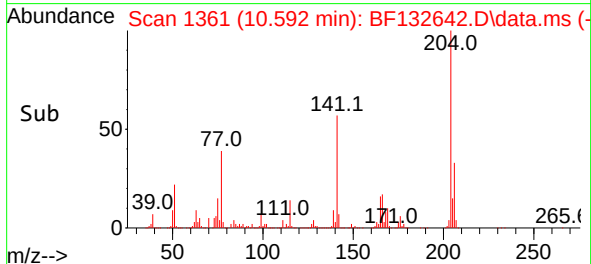
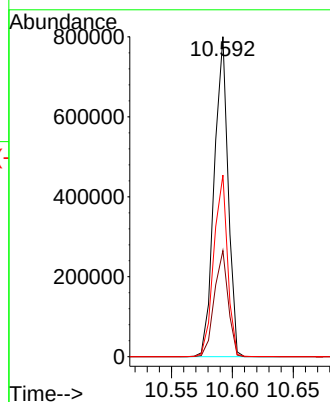
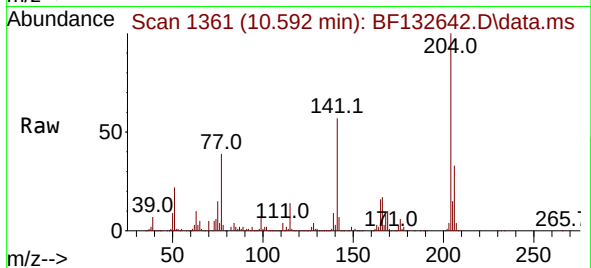




#61
4-Chlorophenyl-phenylether
Concen: 39.300 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

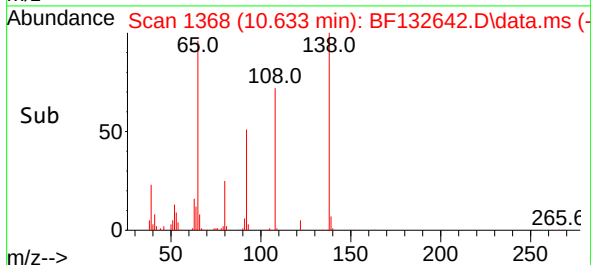
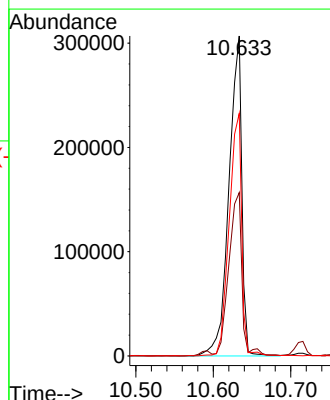
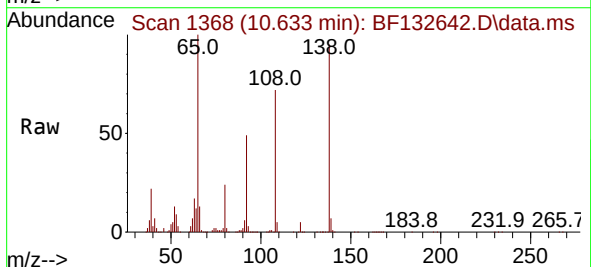
Instrument :
BNA_F
ClientSampleId :
PB151188BS

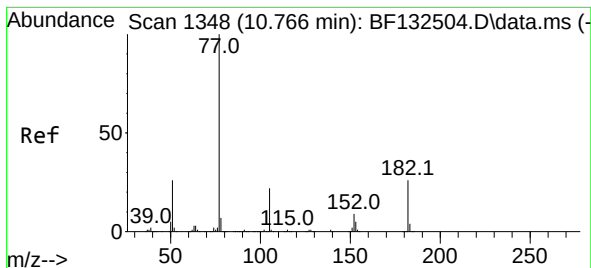
Tgt Ion:204 Resp: 636849
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 56.7 47.8 71.8



#62
4-Nitroaniline
Concen: 42.044 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:138 Resp: 353617
Ion Ratio Lower Upper
138 100
92 51.1 33.8 73.8
108 75.8 63.7 103.7





#63

Azobenzene

Concen: 38.455 ng

RT: 10.751 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

Tgt Ion: 77 Resp: 1337750

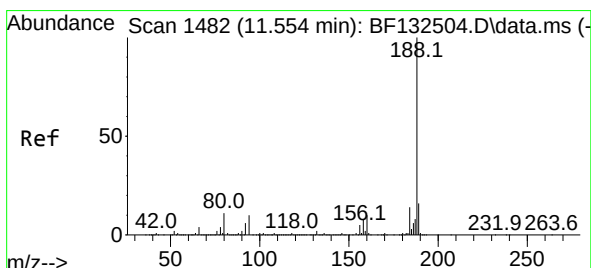
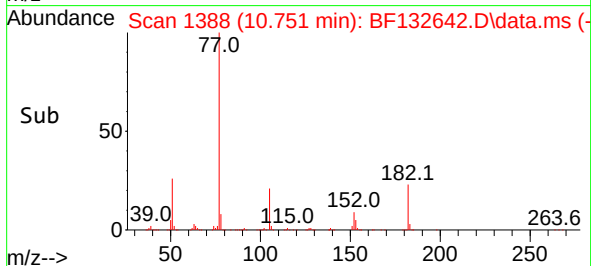
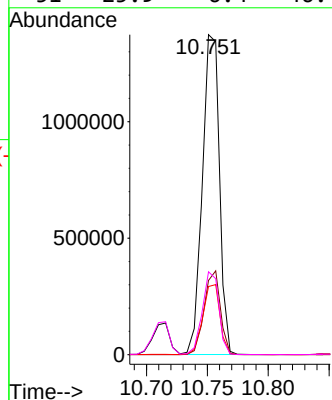
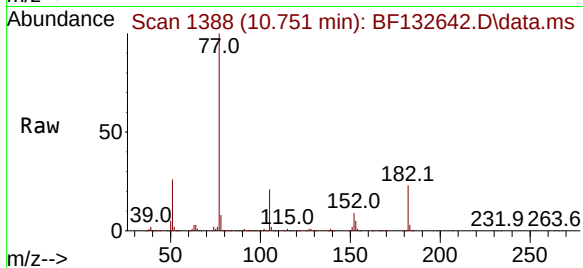
Ion Ratio Lower Upper

77 100

182 23.2 5.5 45.5

105 21.3 1.8 41.8

51 25.9 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.551 min Scan# 1524

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

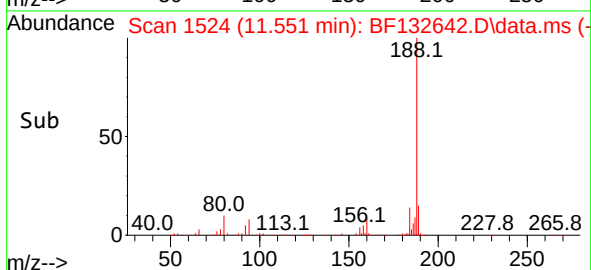
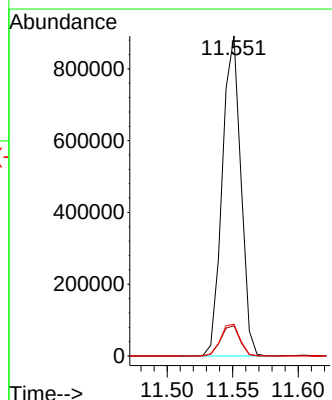
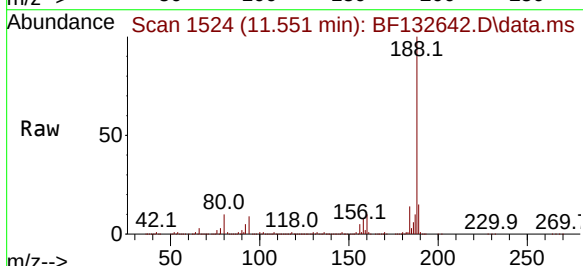
Tgt Ion:188 Resp: 875423

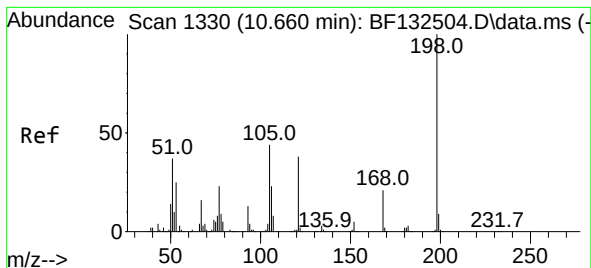
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 9.9 8.7 13.1

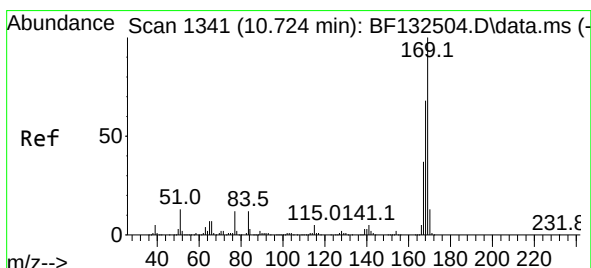
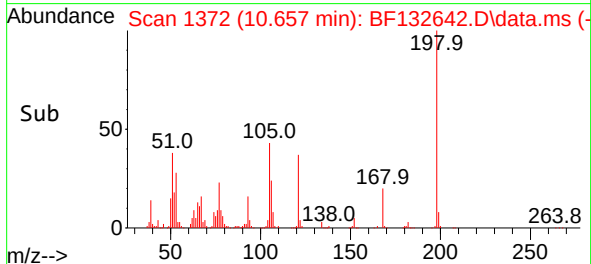
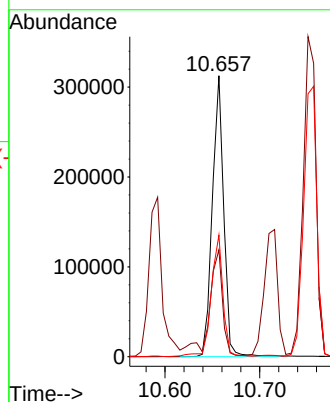
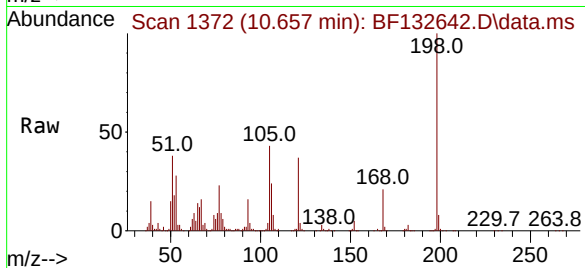




#65
4,6-Dinitro-2-methylphenol
Concen: 43.997 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

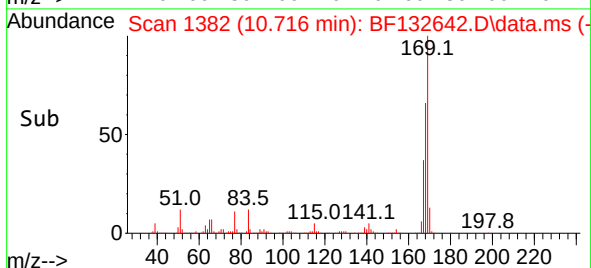
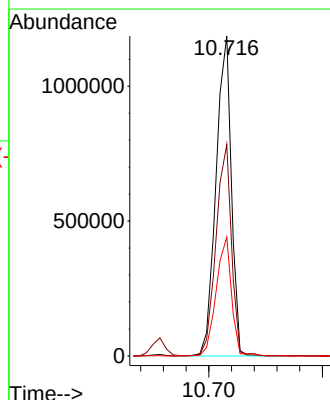
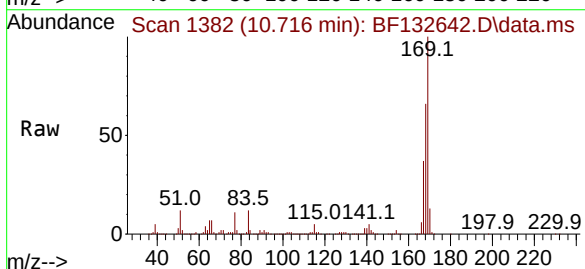
Instrument :
BNA_F
ClientSampleId :
PB151188BS

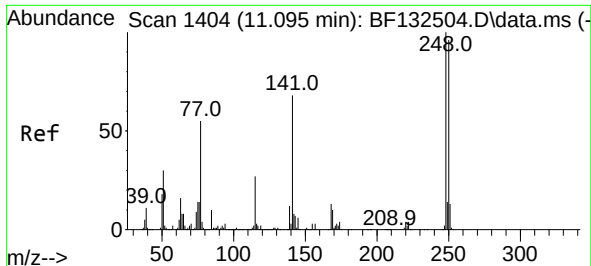
Tgt Ion:198 Resp: 260735
Ion Ratio Lower Upper
198 100
51 38.1 20.6 60.6
105 43.3 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.734 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:169 Resp: 1111723
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 37.1 29.6 44.4

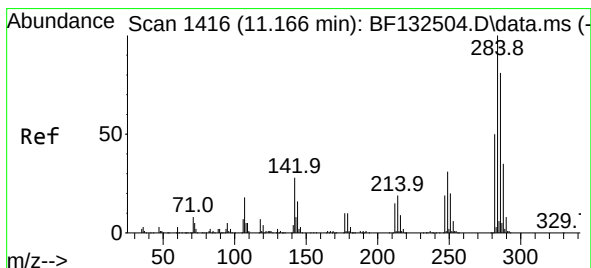
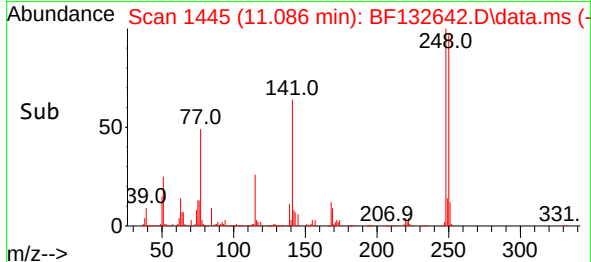
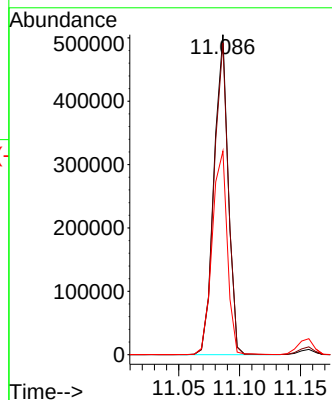
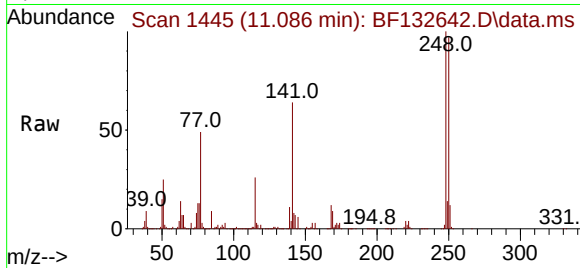




#67
4-Bromophenyl-phenylether
Concen: 41.606 ng
RT: 11.086 min Scan# 1445
Delta R.T. -0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

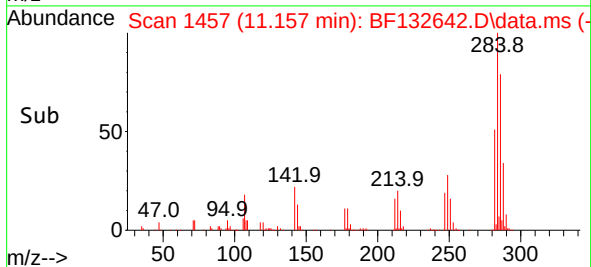
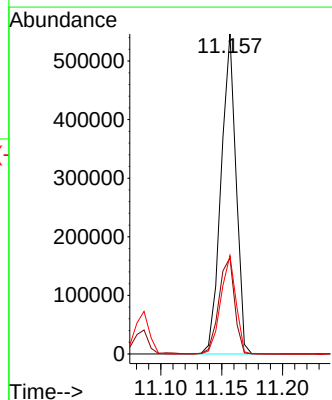
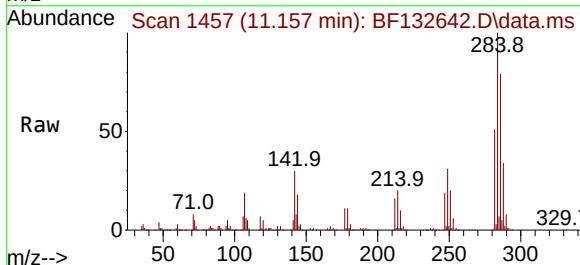
Instrument :
BNA_F
ClientSampleId :
PB151188BS

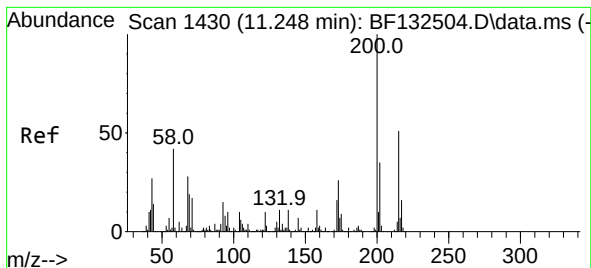
Tgt Ion:248 Resp: 411998
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.4
141 63.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.898 ng
RT: 11.157 min Scan# 1457
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:284 Resp: 467820
Ion Ratio Lower Upper
284 100
142 30.0 22.2 33.4
249 30.8 24.9 37.3





#69

Atrazine

Concen: 44.560 ng

RT: 11.239 min Scan# 14

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

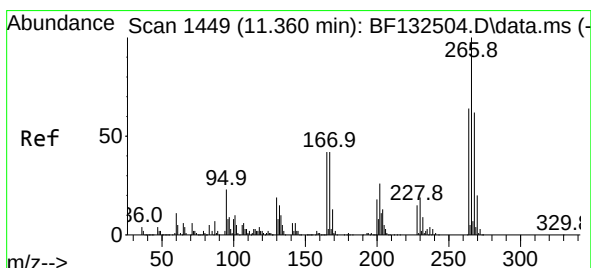
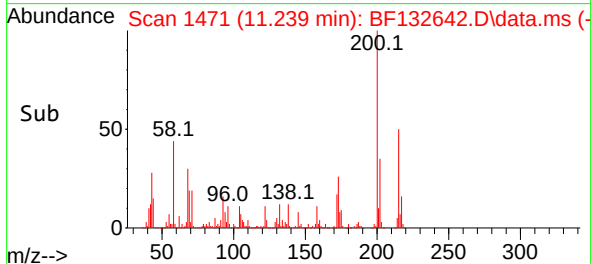
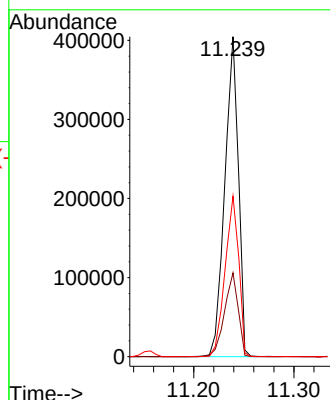
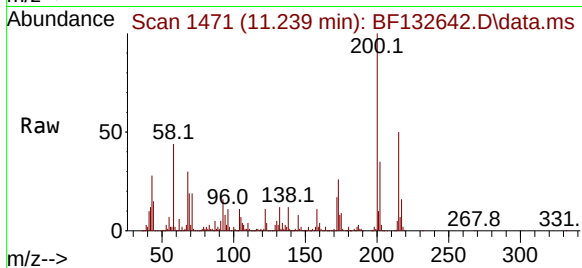
Tgt Ion:200 Resp: 379661

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 50.1 31.0 71.0



#70

Pentachlorophenol

Concen: 78.955 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

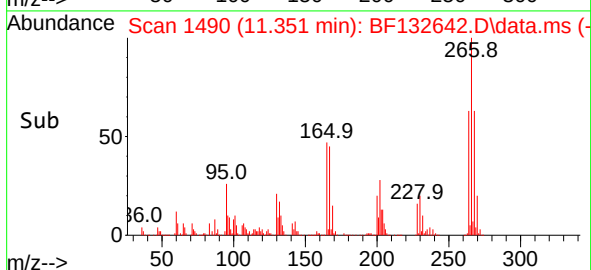
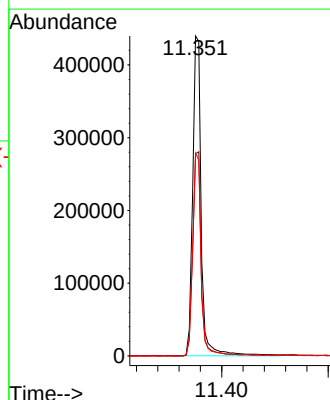
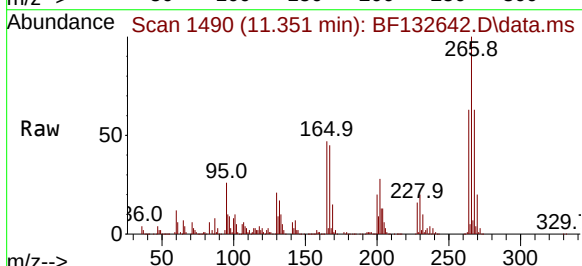
Tgt Ion:266 Resp: 489469

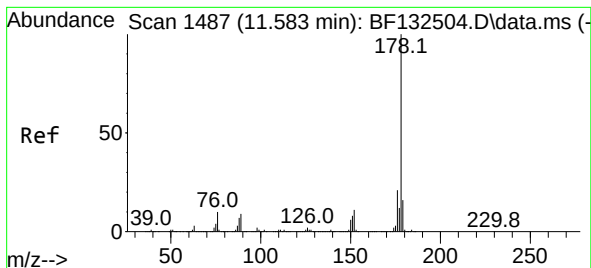
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.6

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 40.024 ng

RT: 11.574 min Scan# 1528

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

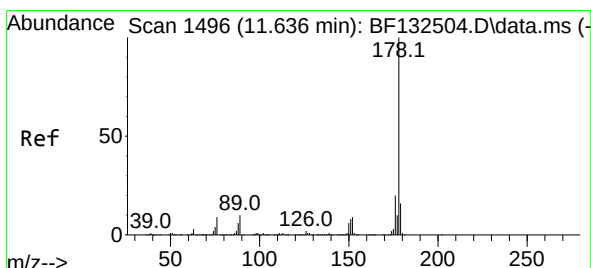
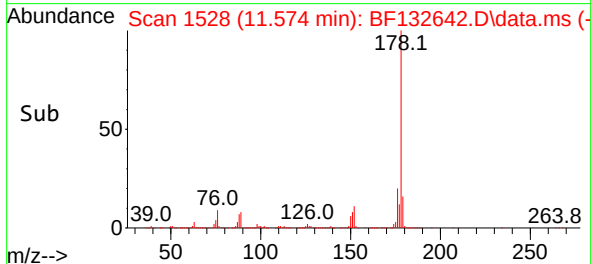
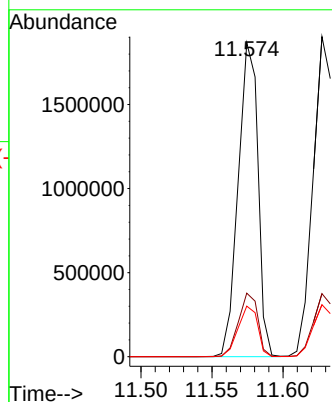
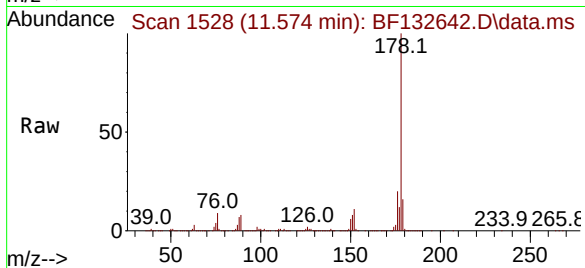
Tgt Ion:178 Resp: 1815155

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

179 16.1 13.0 19.6



#72

Anthracene

Concen: 40.061 ng

RT: 11.627 min Scan# 1537

Delta R.T. -0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

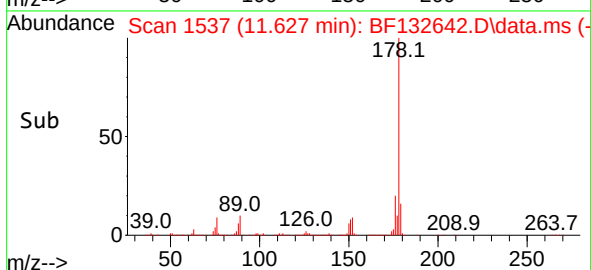
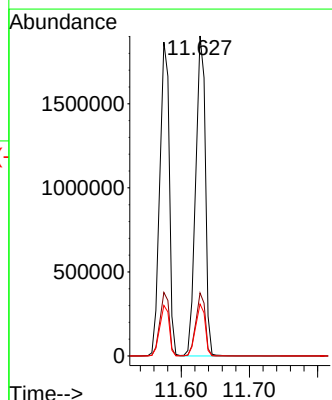
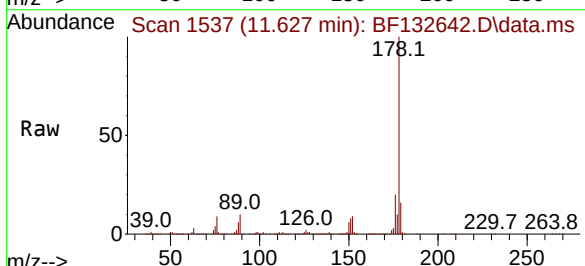
Tgt Ion:178 Resp: 1870911

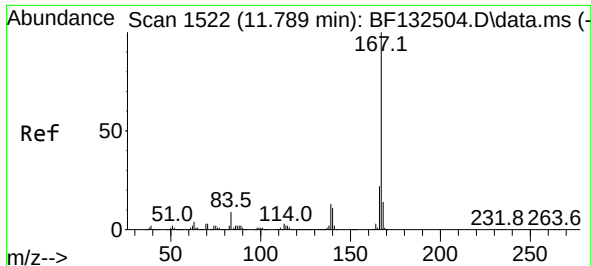
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 16.2 12.5 18.7

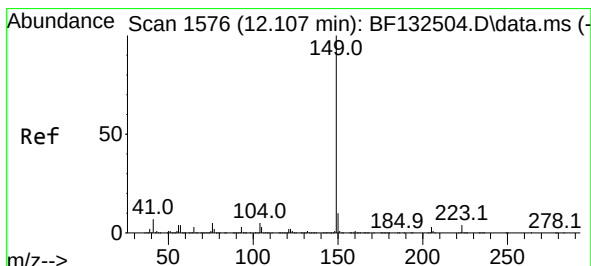
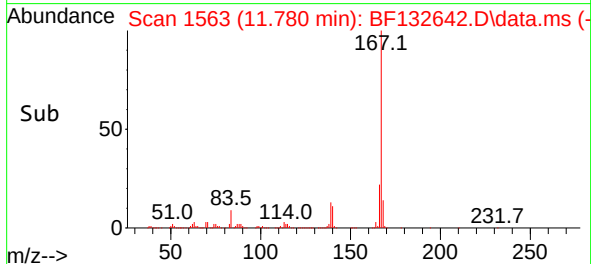
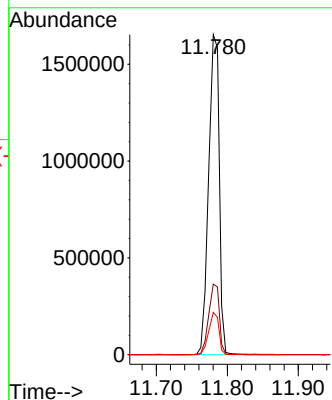
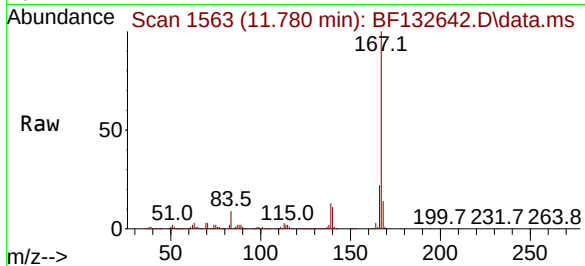




#73
 Carbazole
 Concen: 41.120 ng
 RT: 11.780 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

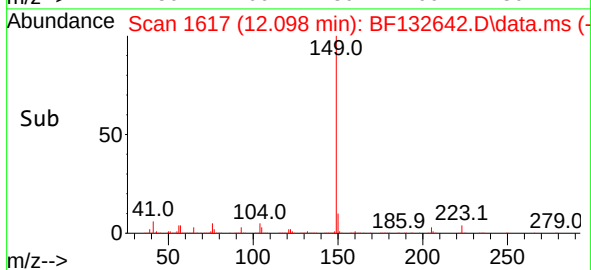
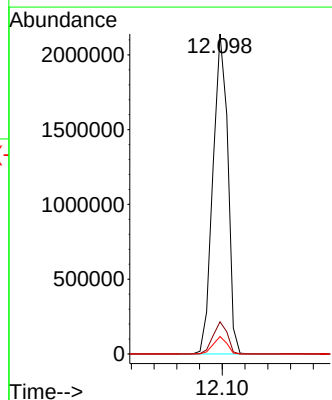
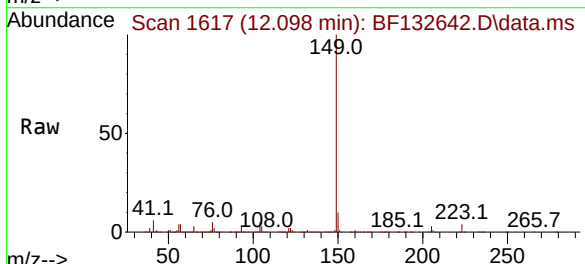
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BS

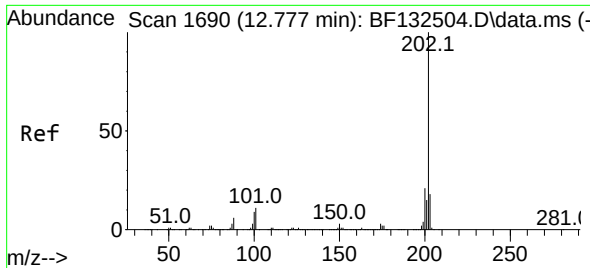
Tgt Ion:167 Resp: 1731394
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.357 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

Tgt Ion:149 Resp: 1943859
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.5 4.3 6.5

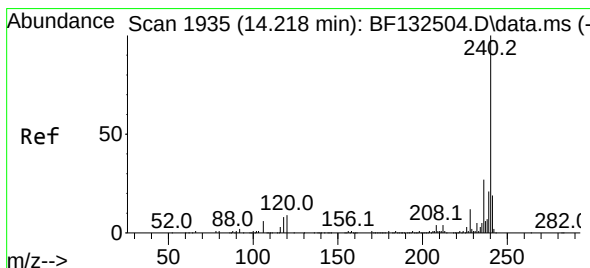
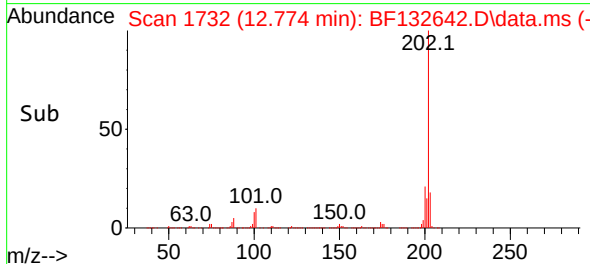
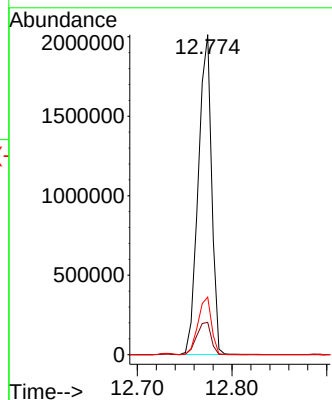
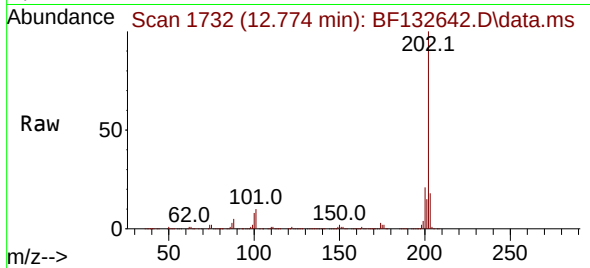




#75
Fluoranthene
Concen: 39.727 ng
RT: 12.774 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

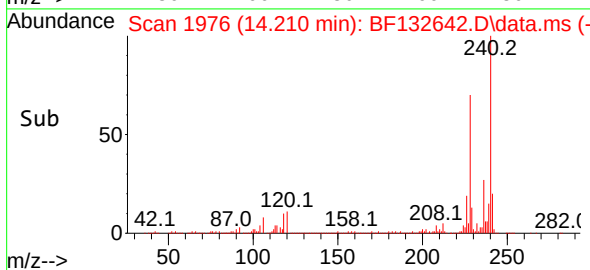
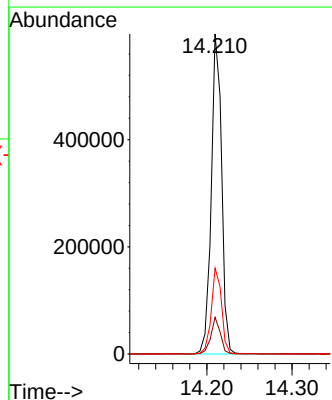
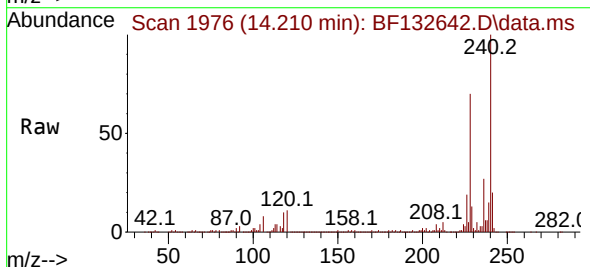
Instrument :
BNA_F
ClientSampleId :
PB151188BS

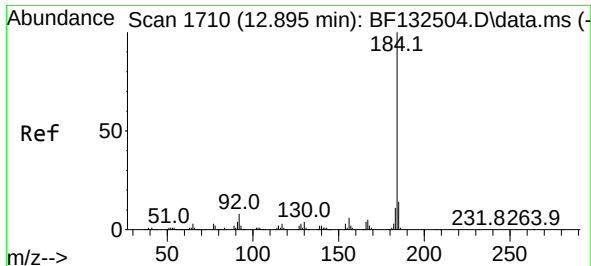
Tgt Ion:202 Resp: 1969606
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:240 Resp: 504972
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 26.9 21.8 32.6

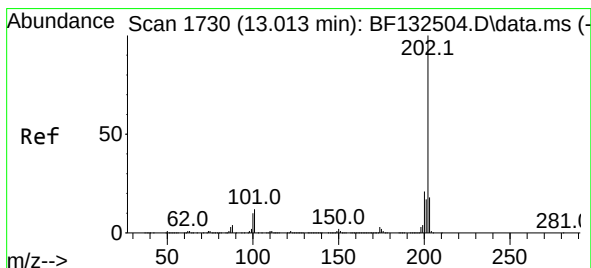
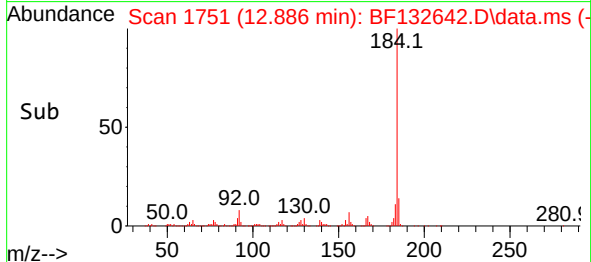
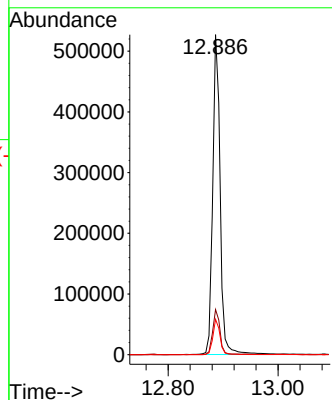
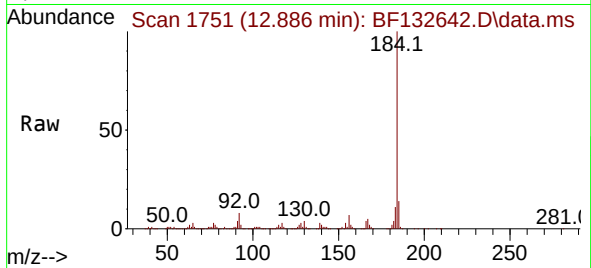




#77
Benzidine
Concen: 40.149 ng
RT: 12.886 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

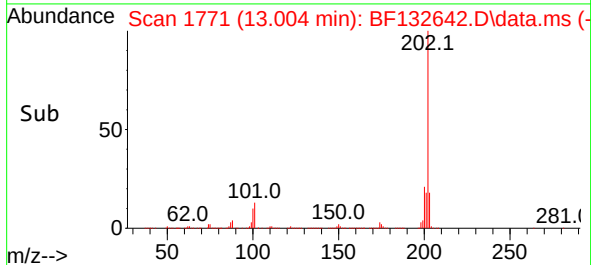
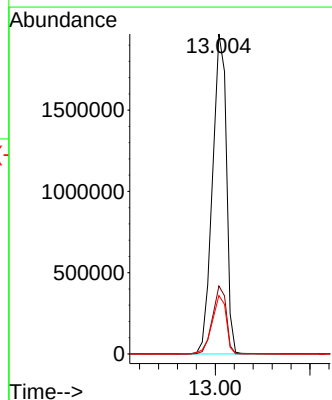
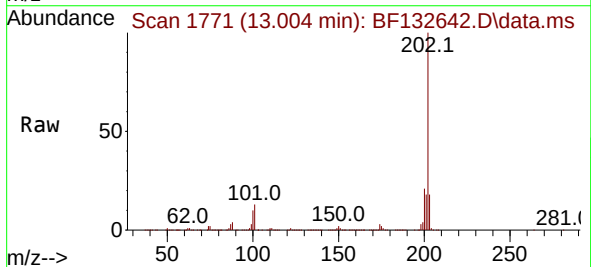
Instrument :
BNA_F
ClientSampleId :
PB151188BS

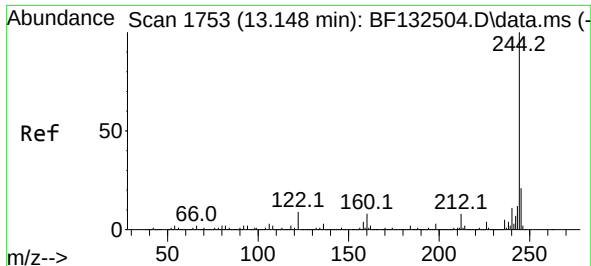
Tgt Ion:184 Resp: 493533
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.0 8.7 13.1



#78
Pyrene
Concen: 43.679 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:202 Resp: 2005332
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.3 14.6 21.8

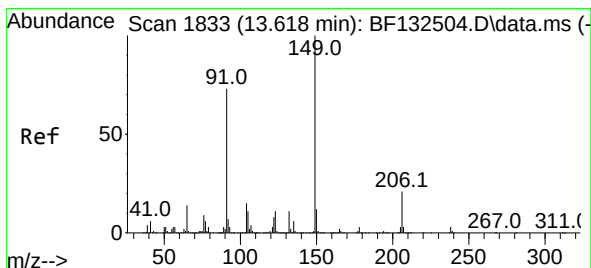
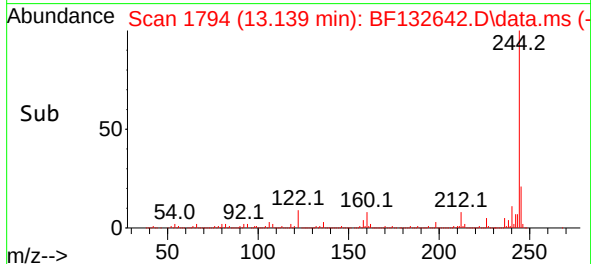
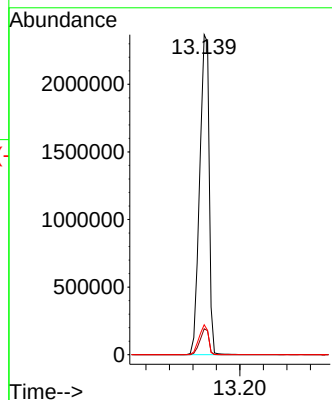
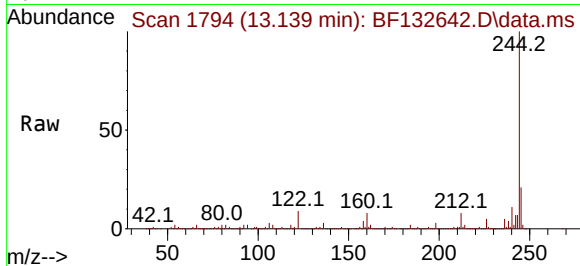




#79
 Terphenyl-d14
 Concen: 88.254 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

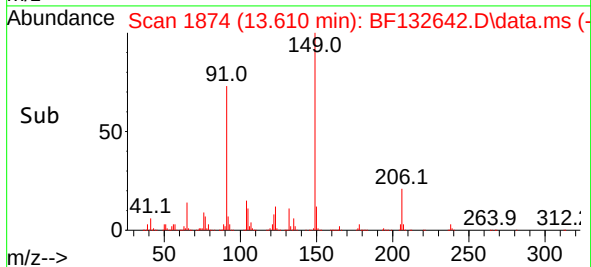
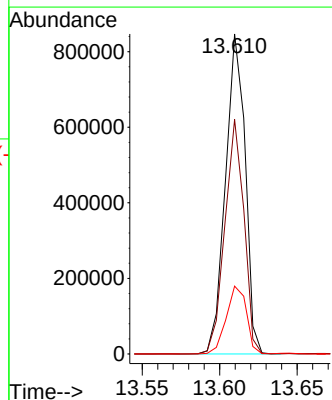
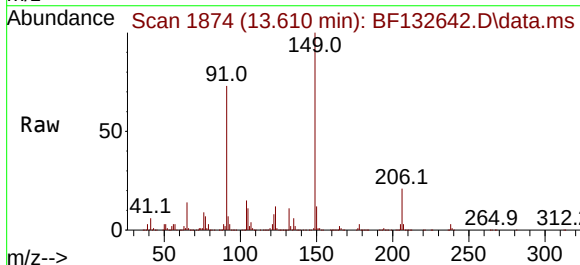
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BS

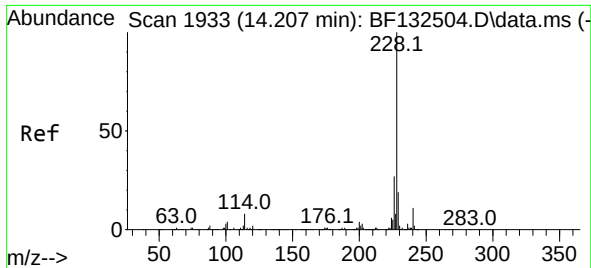
Tgt Ion:244 Resp: 2635872
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.4 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 41.388 ng
 RT: 13.610 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: BF132642.D
 Acq: 06 Mar 2023 10:55

Tgt Ion:149 Resp: 749850
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.4 87.6
 206 21.2 16.8 25.2

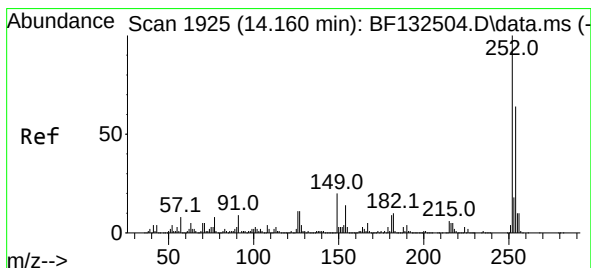
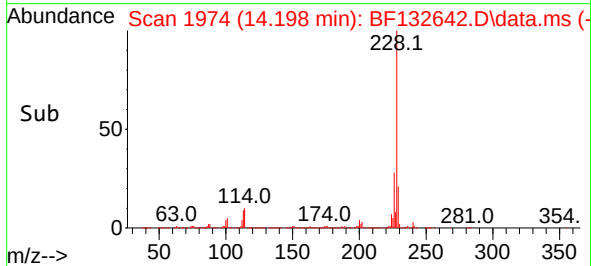
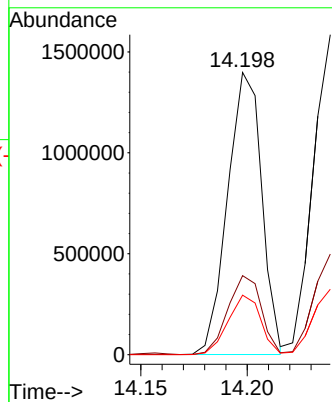
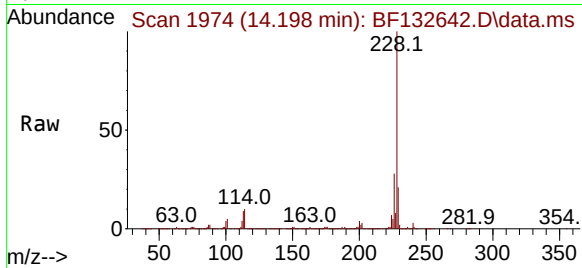




#81
Benzo(a)anthracene
Concen: 41.296 ng
RT: 14.198 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

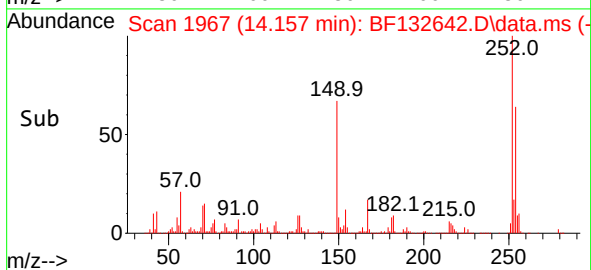
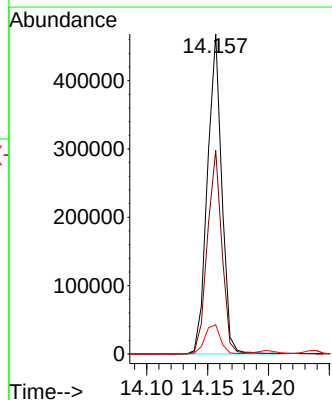
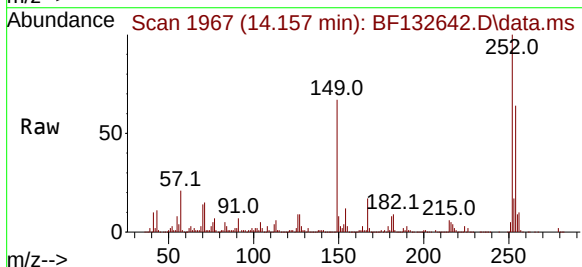
Instrument :
BNA_F
ClientSampleId :
PB151188BS

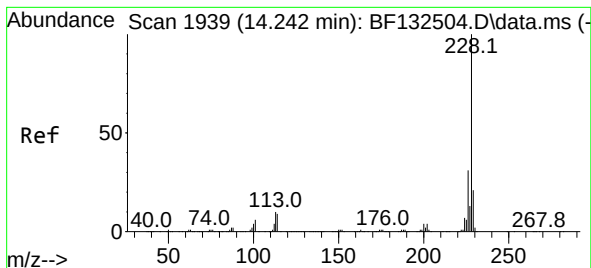
Tgt Ion:228 Resp: 1560297
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 21.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 34.422 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:252 Resp: 383434
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 9.1 8.9 13.3





#83

Chrysene

Concen: 40.668 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

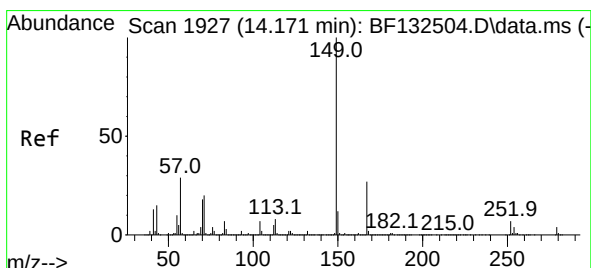
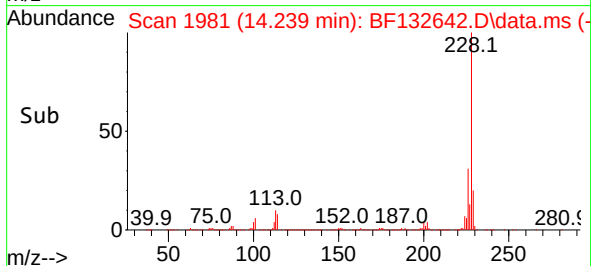
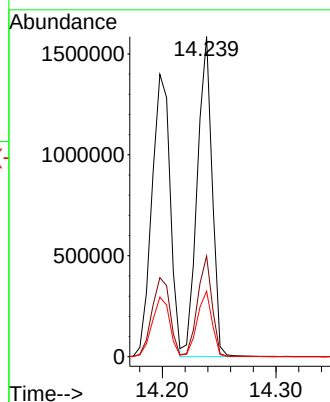
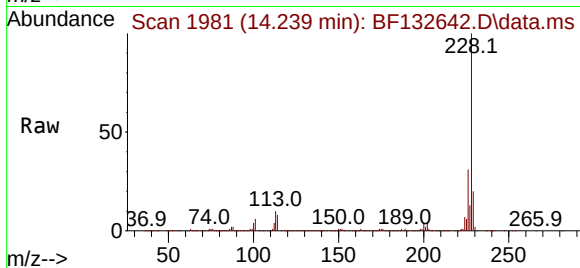
Tgt Ion:228 Resp: 1436867

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.404 ng

RT: 14.168 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

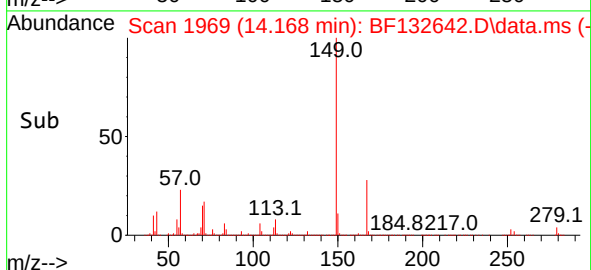
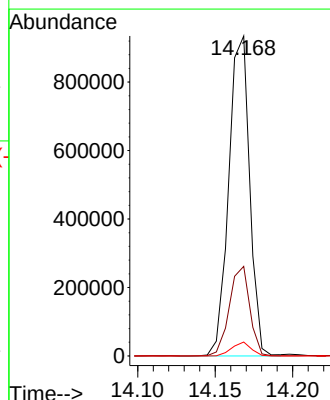
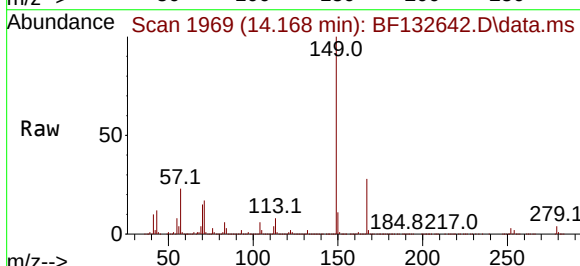
Tgt Ion:149 Resp: 876981

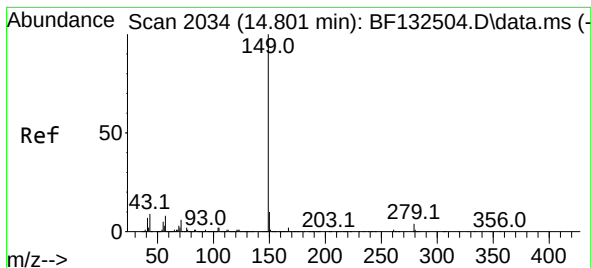
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.133 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

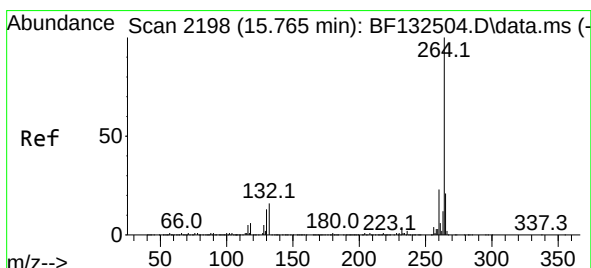
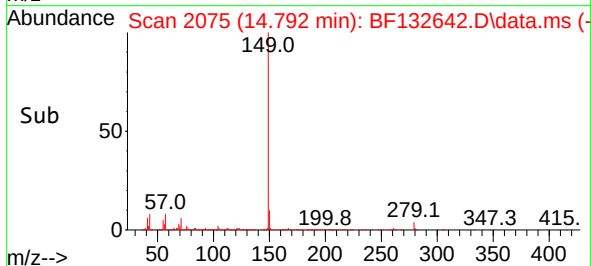
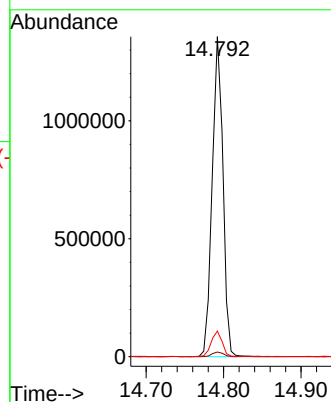
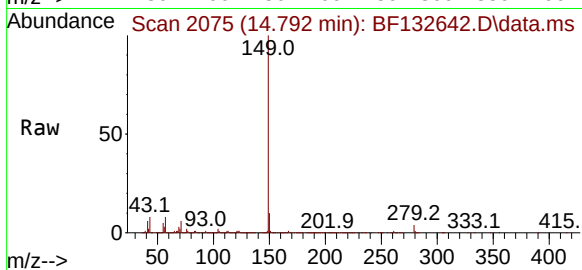
Tgt Ion:149 Resp: 1305252

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.762 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

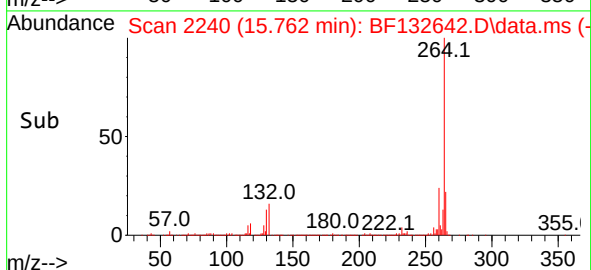
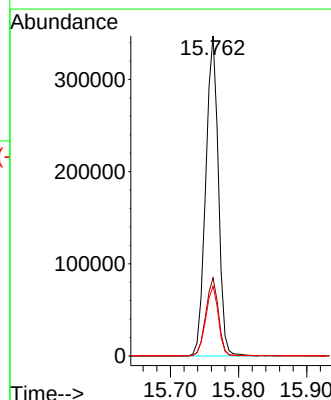
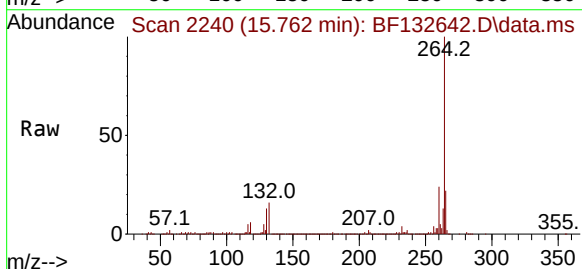
Tgt Ion:264 Resp: 448206

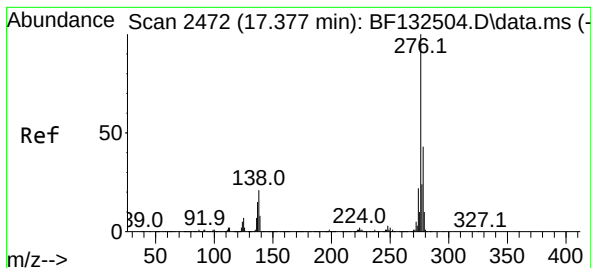
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.474 ng

RT: 17.374 min Scan# 2161

Delta R.T. 0.015 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

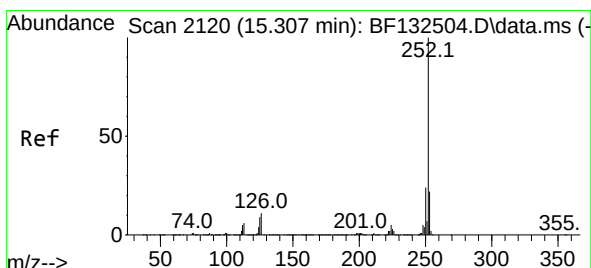
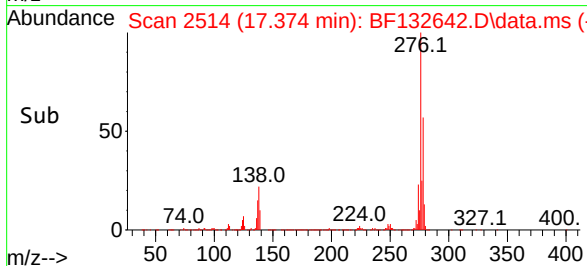
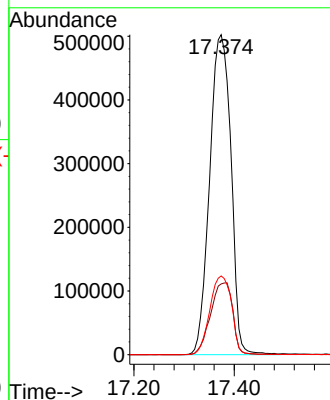
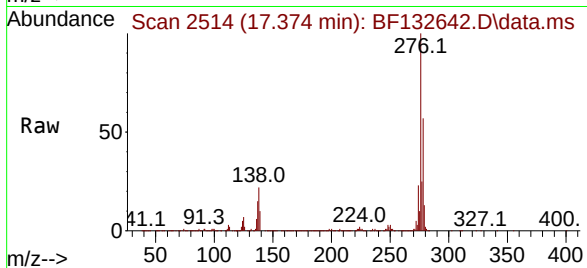
Tgt Ion:276 Resp: 1482352

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.108 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

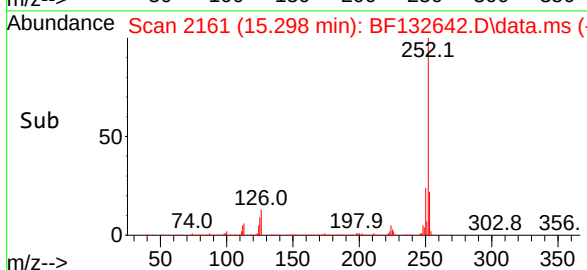
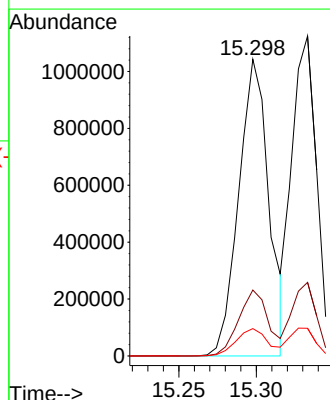
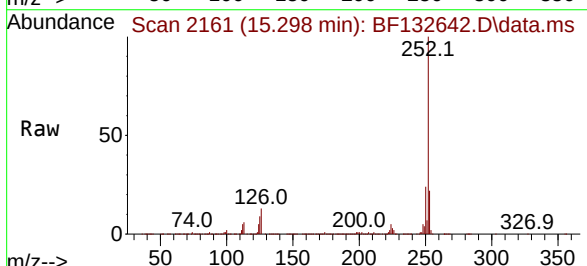
Tgt Ion:252 Resp: 1414974

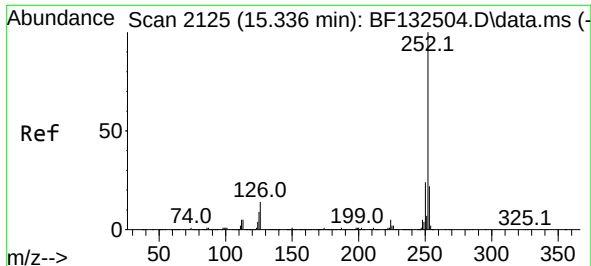
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.797 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

Instrument :

BNA_F

ClientSampleId :

PB151188BS

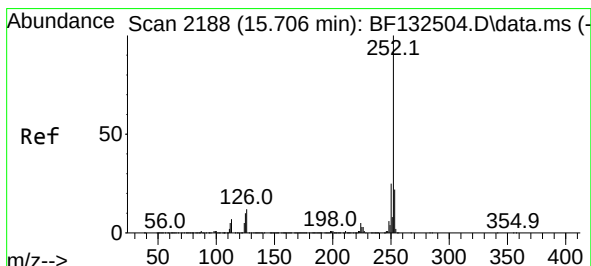
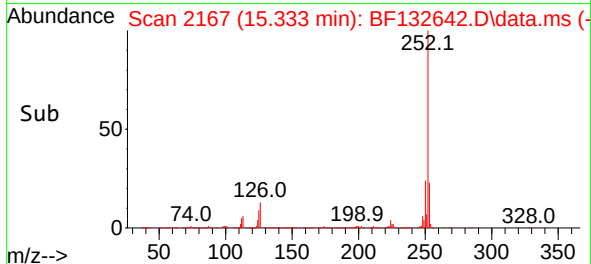
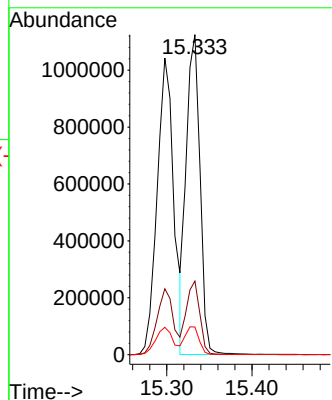
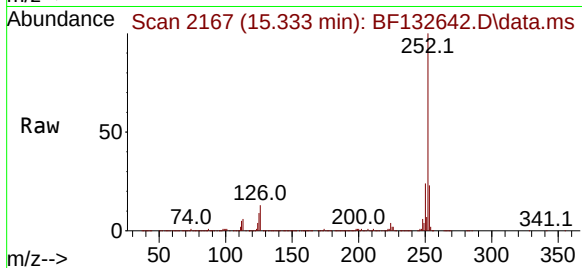
Tgt Ion:252 Resp: 1258087

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 42.093 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.009 min

Lab File: BF132642.D

Acq: 06 Mar 2023 10:55

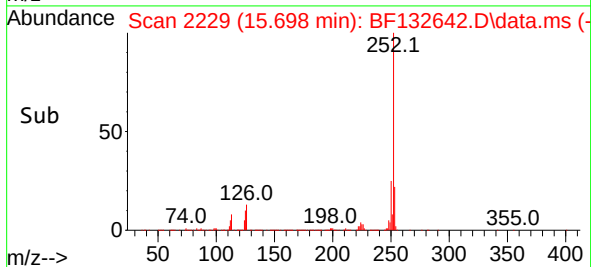
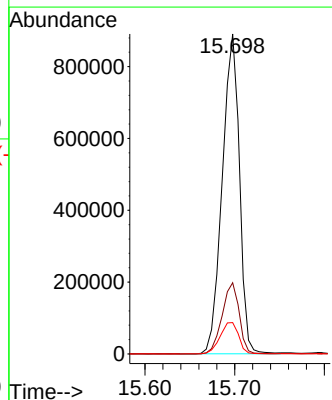
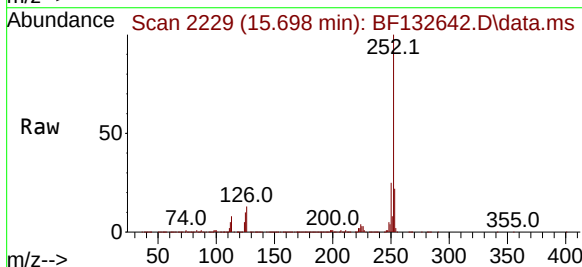
Tgt Ion:252 Resp: 1183301

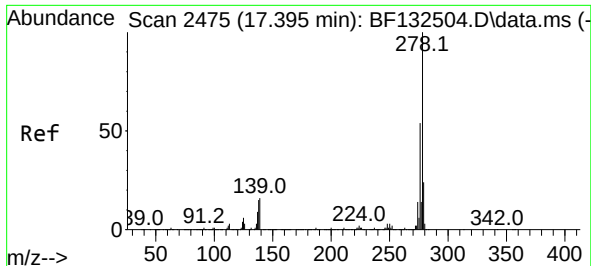
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.8 8.0 12.0

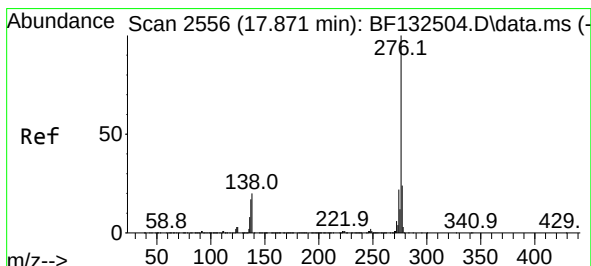
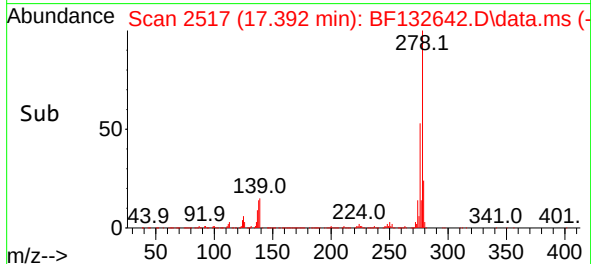
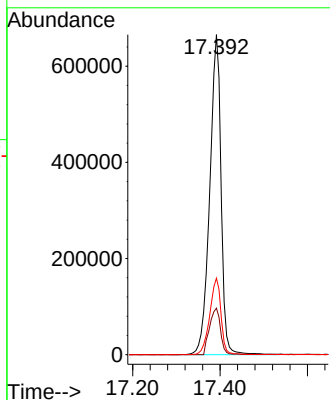
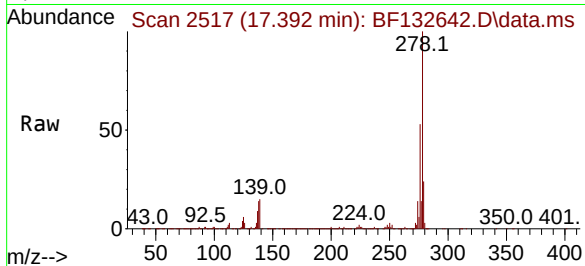




#91
Dibenzo(a,h)anthracene
Concen: 50.184 ng
RT: 17.392 min Scan# 21
Delta R.T. 0.015 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Instrument :
BNA_F
ClientSampleId :
PB151188BS

Tgt Ion:278 Resp: 1200816
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.121 ng
RT: 17.868 min Scan# 2598
Delta R.T. 0.015 min
Lab File: BF132642.D
Acq: 06 Mar 2023 10:55

Tgt Ion:276 Resp: 1301404
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 19.8 16.2 24.4

