

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132643.D
 Acq On : 06 Mar 2023 11:27
 Operator : CG\JU
 Sample : PB151188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151188BSD

Quant Time: Mar 07 00:51:37 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	6.998	152	235791	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	885386	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	474072	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	910761	20.000	ng	0.00
76) Chrysene-d12	14.210	240	542266	20.000	ng	0.00
86) Perylene-d12	15.763	264	463521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1693983	116.598	ng	0.00
7) Phenol-d6	6.640	99	2214871	116.813	ng	0.00
23) Nitrobenzene-d5	7.575	82	1458469	78.154	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	640194	125.043	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2220300	71.313	ng	0.00
79) Terphenyl-d14	13.139	244	2768445	86.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	246405	30.661	ng	97
3) Pyridine	3.705	79	660678	30.971	ng	95
4) n-Nitrosodimethylamine	3.675	42	317010	39.342	ng	85
6) Aniline	6.663	93	887051	34.764	ng	98
8) 2-Chlorophenol	6.787	128	700129	46.432	ng	98
9) Benzaldehyde	6.551	77	136144	13.307	ng	98
10) Phenol	6.651	94	859369	39.533	ng	98
11) bis(2-Chloroethyl)ether	6.734	93	726679	43.303	ng	98
12) 1,3-Dichlorobenzene	6.946	146	689123	42.588	ng	98
13) 1,4-Dichlorobenzene	7.022	146	686061	42.461	ng	98
14) 1,2-Dichlorobenzene	7.175	146	673116	43.409	ng	97
15) Benzyl Alcohol	7.146	79	634397	43.444	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	880187	41.131	ng	99
17) 2-Methylphenol	7.257	107	578393	41.101	ng	98
18) Hexachloroethane	7.516	117	274423	43.474	ng	94
19) n-Nitroso-di-n-propyla...	7.416	70	444719	38.111	ng	95
20) 3+4-Methylphenols	7.404	107	648270	35.657	ng	# 80
22) Acetophenone	7.416	105	874306	39.162	ng	# 85
24) Nitrobenzene	7.593	77	782259	39.195	ng	99
25) Isophorone	7.828	82	1448788	40.493	ng	100
26) 2-Nitrophenol	7.904	139	376454	42.750	ng	98
27) 2,4-Dimethylphenol	7.940	122	573558	41.268	ng	98
28) bis(2-Chloroethoxy)met...	8.034	93	842044	40.232	ng	98
29) 2,4-Dichlorophenol	8.145	162	567880	41.075	ng	97
30) 1,2,4-Trichlorobenzene	8.228	180	634526	42.267	ng	99
31) Naphthalene	8.316	128	1761772	38.869	ng	100
32) Benzoic acid	8.081	122	474390	43.689	ng	97
33) 4-Chloroaniline	8.357	127	419984	21.623	ng	94
34) Hexachlorobutadiene	8.422	225	394828	41.388	ng	99
35) Caprolactam	8.745	113	132601	29.093	ng	94
36) 4-Chloro-3-methylphenol	8.840	107	636144	41.898	ng	98
37) 2-Methylnaphthalene	9.004	142	1169903	37.874	ng	100
38) 1-Methylnaphthalene	9.104	142	1084173	37.557	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	632894	40.804	ng	100
41) Hexachlorocyclopentadiene	9.151	237	648684	77.107	ng	97
43) 2,4,6-Trichlorophenol	9.281	196	433856	41.275	ng	98

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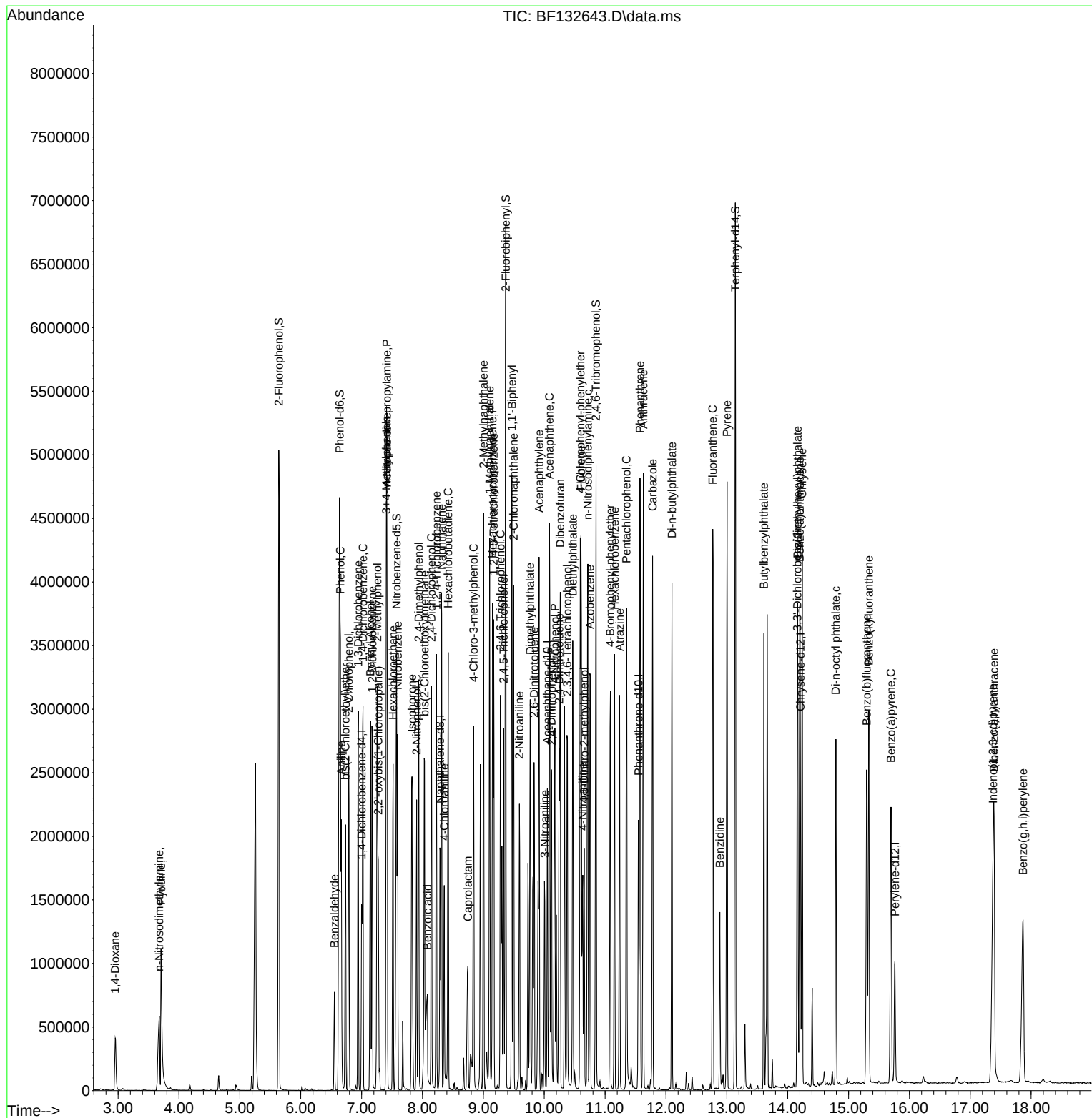
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44) 2,4,5-Trichlorophenol	9.334	196	468288	38.171	ng	99
46) 1,1'-Biphenyl	9.469	154	1413515	39.394	ng	99
47) 2-Chloronaphthalene	9.498	162	1150129	40.428	ng	99
48) 2-Nitroaniline	9.592	65	409426	39.076	ng	94
49) Acenaphthylene	9.916	152	1758256	38.834	ng	100
50) Dimethylphthalate	9.769	163	1410553	40.864	ng	100
51) 2,6-Dinitrotoluene	9.834	165	327753	41.692	ng	99
52) Acenaphthene	10.087	154	1047130	36.422	ng	99
53) 3-Nitroaniline	10.010	138	277603	31.568	ng	93
54) 2,4-Dinitrophenol	10.122	184	420550	84.781	ng	92
55) Dibenzofuran	10.263	168	1604930	38.292	ng	99
56) 4-Nitrophenol	10.175	139	526039	80.213	ng	96
57) 2,4-Dinitrotoluene	10.245	165	435222	41.615	ng	98
58) Fluorene	10.604	166	1250794	39.015	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.381	232	400940	43.995	ng	98
60) Diethylphthalate	10.469	149	1325767	39.326	ng	100
61) 4-Chlorophenyl-phenyle...	10.592	204	645720	38.825	ng	98
62) 4-Nitroaniline	10.634	138	362311	41.973	ng	97
63) Azobenzene	10.751	77	1365387	38.242	ng	98
65) 4,6-Dinitro-2-methylph...	10.657	198	270158	43.818	ng	98
66) n-Nitrosodiphenylamine	10.716	169	1128320	39.739	ng	100
67) 4-Bromophenyl-phenylether	11.086	248	423645	41.122	ng	98
68) Hexachlorobenzene	11.157	284	474755	43.796	ng	98
69) Atrazine	11.239	200	391455	44.161	ng	98
70) Pentachlorophenol	11.351	266	507026	78.614	ng	99
71) Phenanthrene	11.575	178	1882303	39.895	ng	99
72) Anthracene	11.628	178	1909835	39.308	ng	99
73) Carbazole	11.781	167	1790953	40.884	ng	100
74) Di-n-butylphthalate	12.098	149	1999428	38.911	ng	100
75) Fluoranthene	12.769	202	2053642	39.815	ng	99
77) Benzidine	12.886	184	533818	40.440	ng	100
78) Pyrene	13.004	202	2078095	42.151	ng	99
80) Butylbenzylphthalate	13.610	149	797928	41.013	ng	100
81) Benzo(a)anthracene	14.198	228	1666731	41.079	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	406057	33.946	ng	99
83) Chrysene	14.239	228	1533958	40.430	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	943951	39.496	ng	99
85) Di-n-octyl phthalate	14.792	149	1434323	41.069	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1476150	48.602	ng	99
88) Benzo(b)fluoranthene	15.298	252	1466792	47.220	ng	99
89) Benzo(k)fluoranthene	15.333	252	1324088	43.554	ng	99
90) Benzo(a)pyrene	15.698	252	1230760	42.334	ng	100
91) Dibenzo(a,h)anthracene	17.392	278	1200652	48.519	ng	97
92) Benzo(g,h,i)perylene	17.868	276	1275013	45.673	ng	100

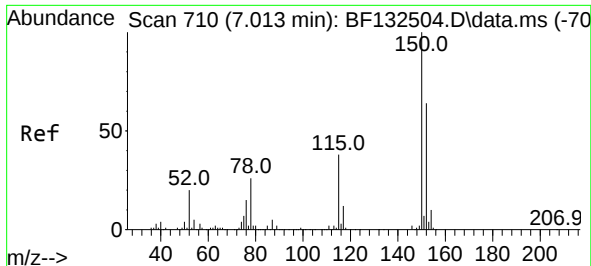
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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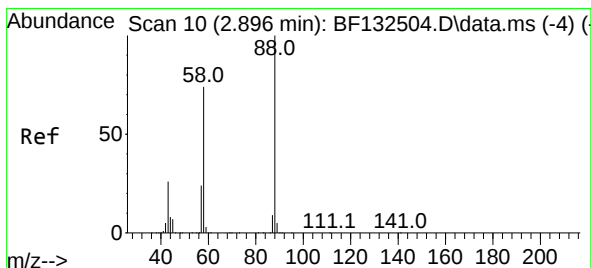
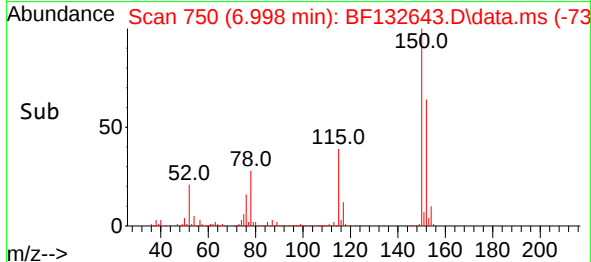
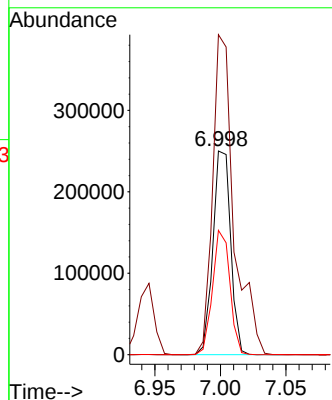
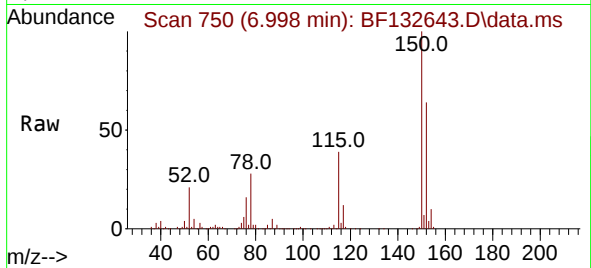




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 71
 Delta R.T. -0.009 min
 Lab File: BF132643.D
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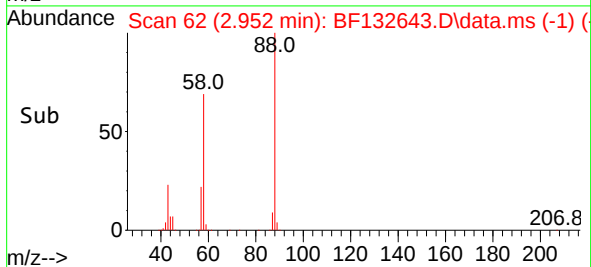
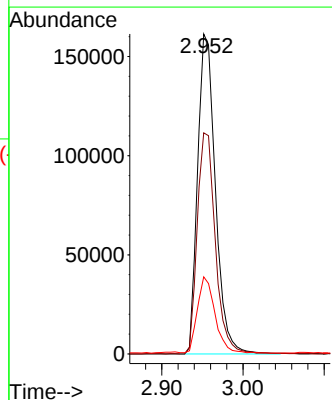
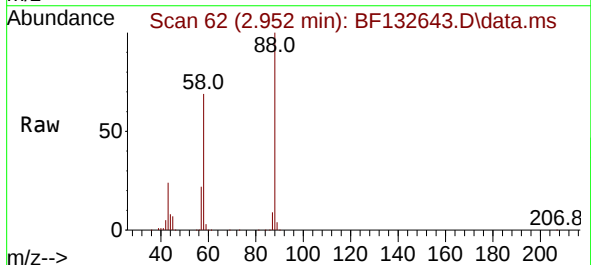
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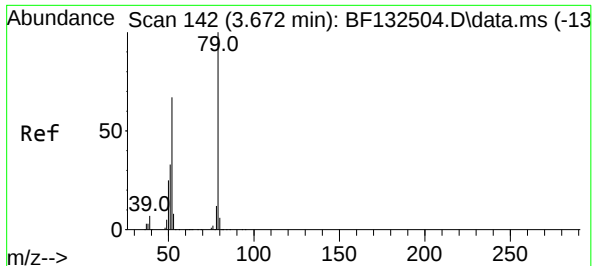
Tgt Ion:152 Resp: 235791
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.4 188.2
 115 61.0 47.8 71.6



#2
 1,4-Dioxane
 Concen: 30.661 ng
 RT: 2.952 min Scan# 62
 Delta R.T. 0.068 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

Tgt Ion: 88 Resp: 246405
 Ion Ratio Lower Upper
 88 100
 58 70.4 58.3 87.5
 43 23.7 20.7 31.1

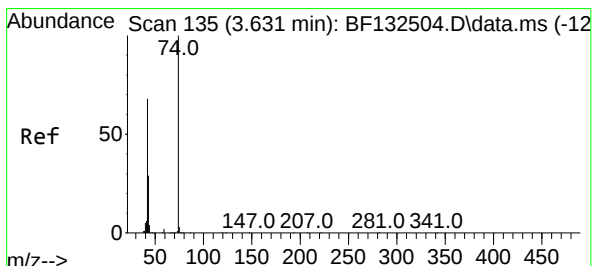
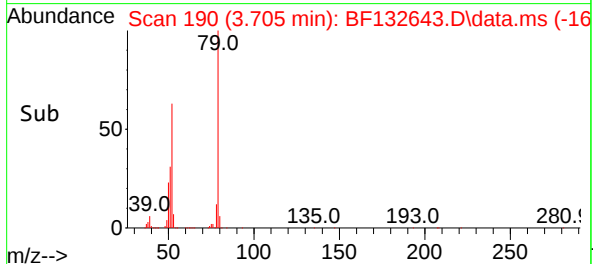
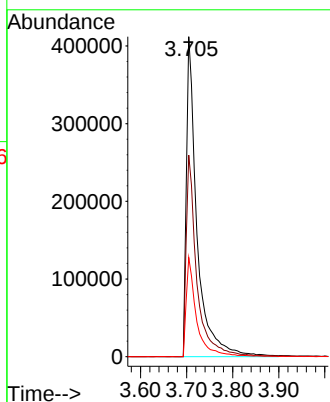
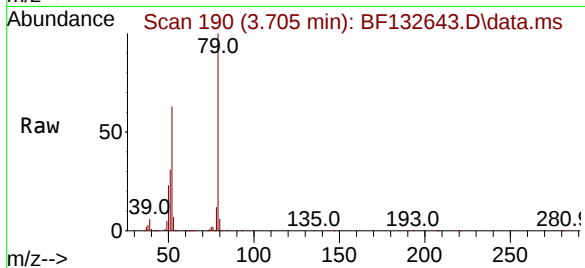




#3
 Pyridine
 Concen: 30.971 ng
 RT: 3.705 min Scan# 142
 Delta R.T. 0.050 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

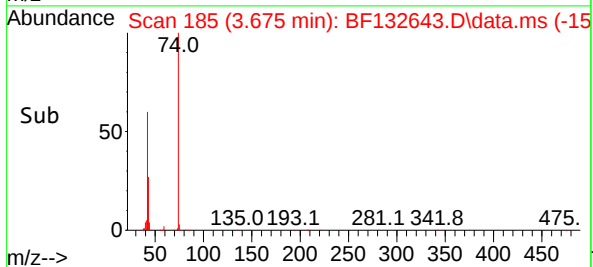
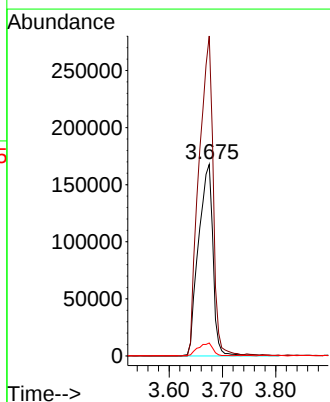
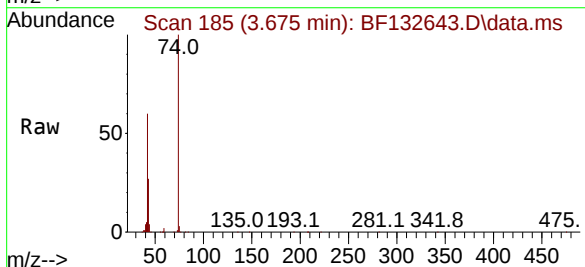
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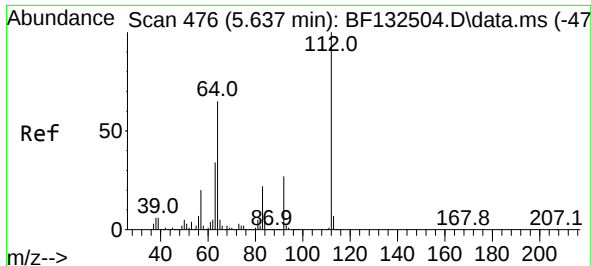
Tgt Ion: 79 Resp: 660678
 Ion Ratio Lower Upper
 79 100
 52 63.0 53.7 80.5
 51 31.0 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 39.342 ng
 RT: 3.675 min Scan# 185
 Delta R.T. 0.050 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

Tgt Ion: 42 Resp: 317010
 Ion Ratio Lower Upper
 42 100
 74 167.0 118.2 177.2
 44 6.8 5.3 7.9

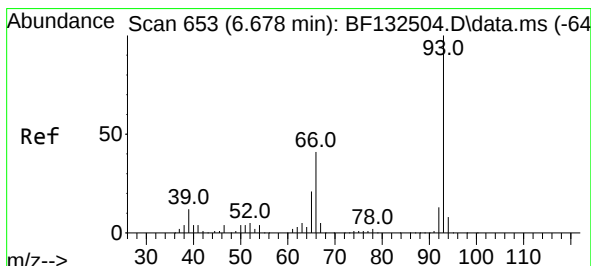
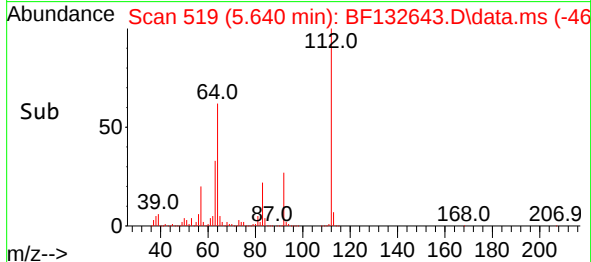
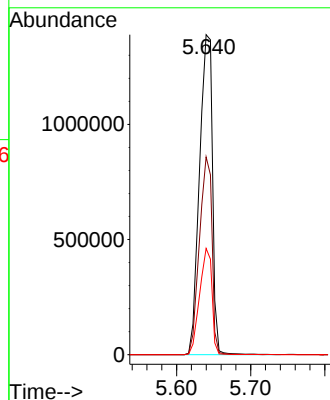
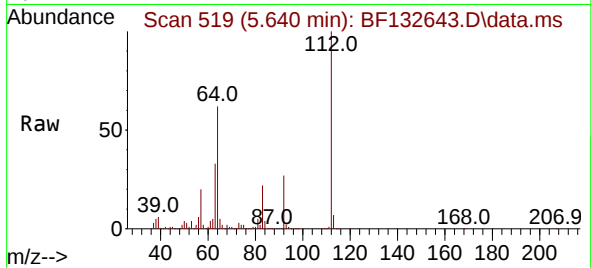




#5
2-Fluorophenol
Concen: 116.598 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

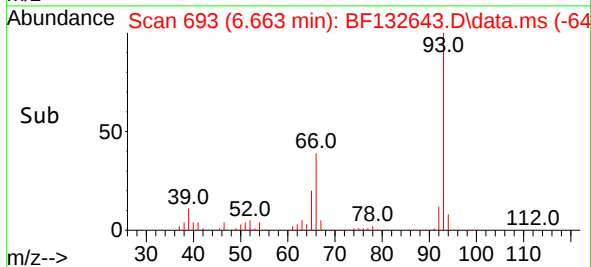
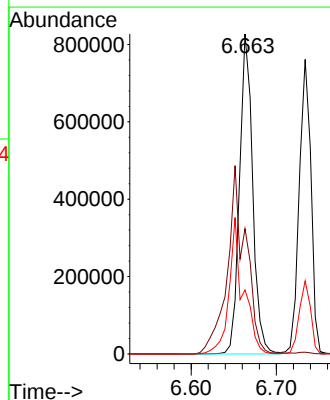
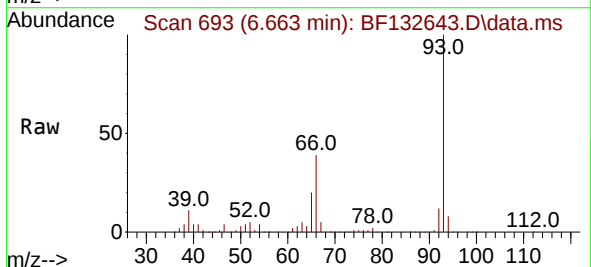
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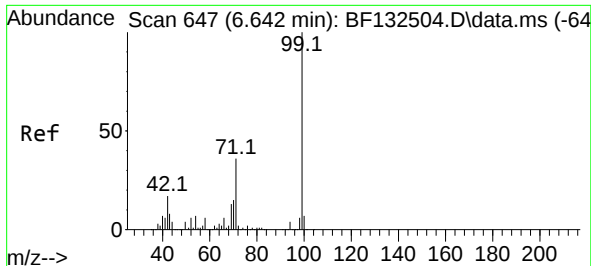
Tgt Ion:112 Resp: 1693983
Ion Ratio Lower Upper
112 100
64 61.8 51.6 77.4
63 33.2 27.4 41.2



#6
Aniline
Concen: 34.764 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 93 Resp: 887051
Ion Ratio Lower Upper
93 100
66 39.2 32.5 48.7
65 20.0 16.6 24.8

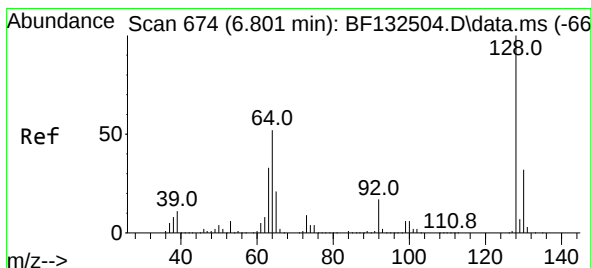
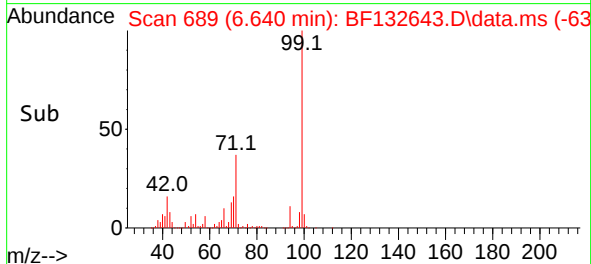
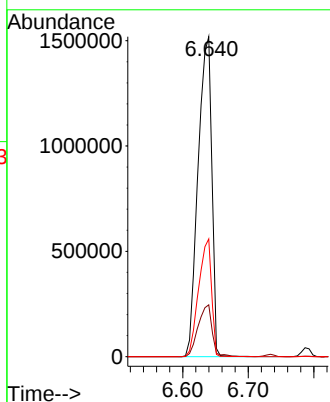
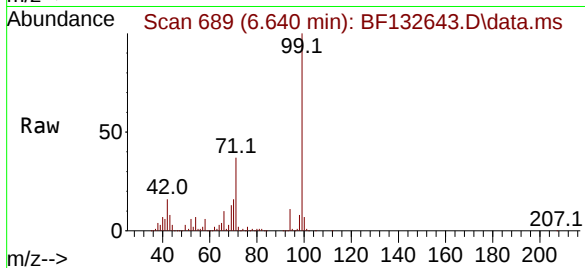




#7
Phenol-d6
Concen: 116.813 ng
RT: 6.640 min Scan# 61
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

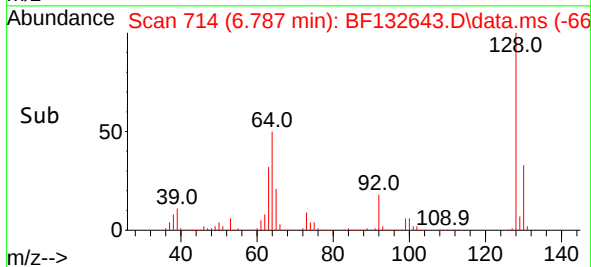
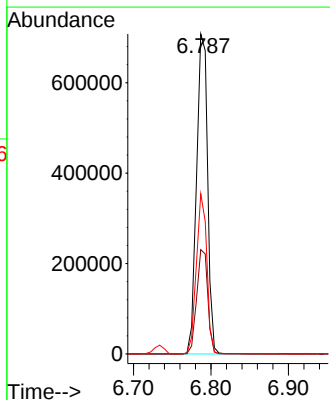
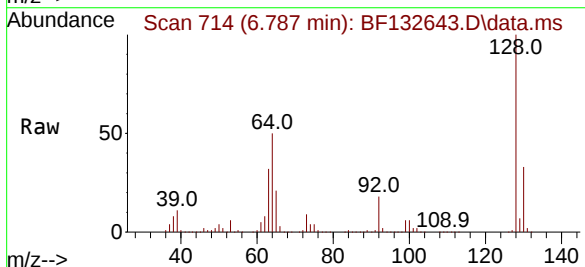
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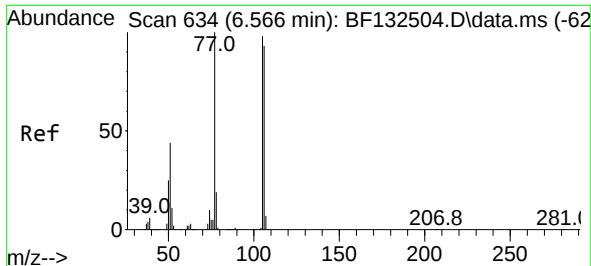
Tgt Ion: 99 Resp: 2214871
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.8 28.5 42.7



#8
2-Chlorophenol
Concen: 46.432 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:128 Resp: 700129
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 50.1 32.0 72.0

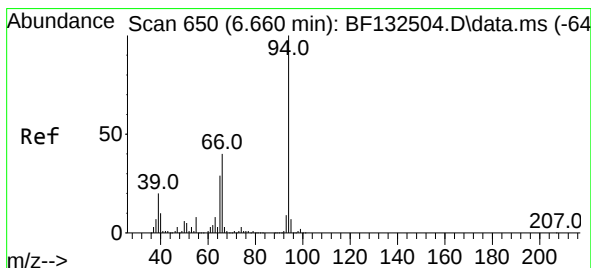
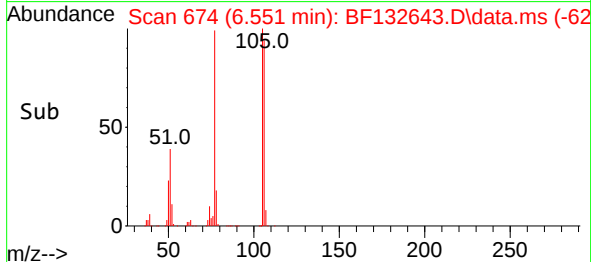
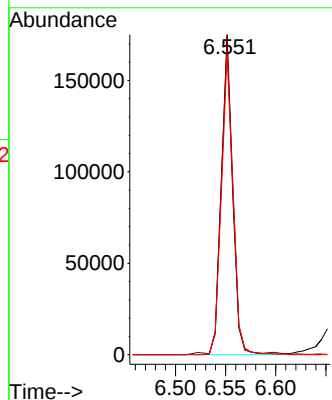
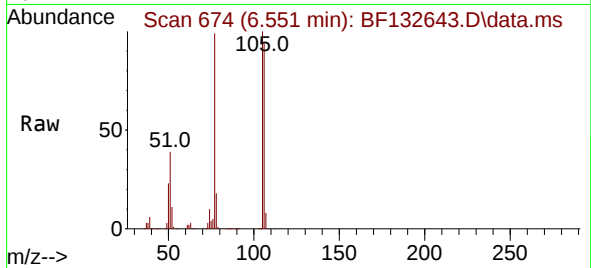




#9
Benzaldehyde
Concen: 13.307 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
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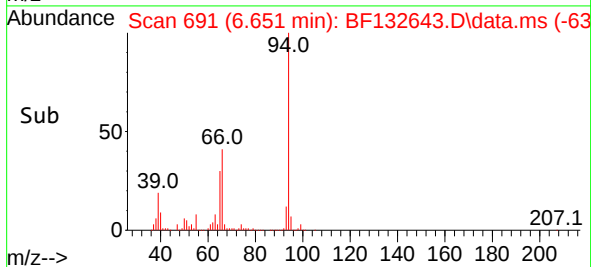
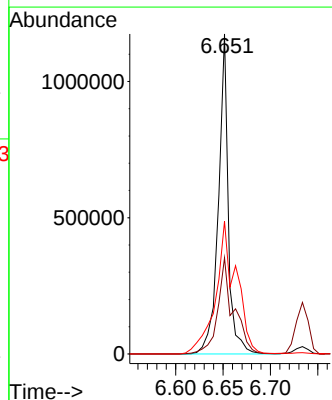
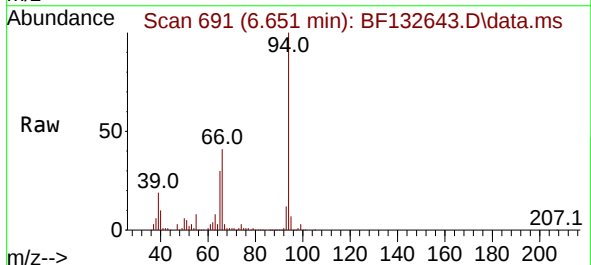
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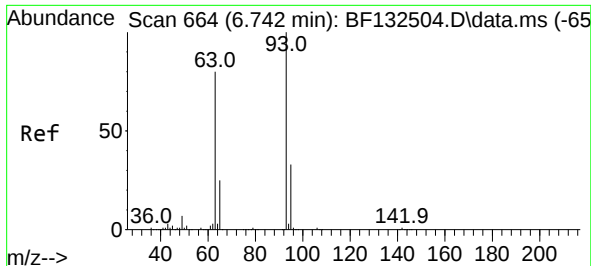
Tgt Ion: 77 Resp: 136144
Ion Ratio Lower Upper
77 100
105 101.1 77.9 117.9
106 94.7 73.4 113.4



#10
Phenol
Concen: 39.533 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 94 Resp: 859369
Ion Ratio Lower Upper
94 100
65 30.0 9.4 49.4
66 41.5 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 43.303 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

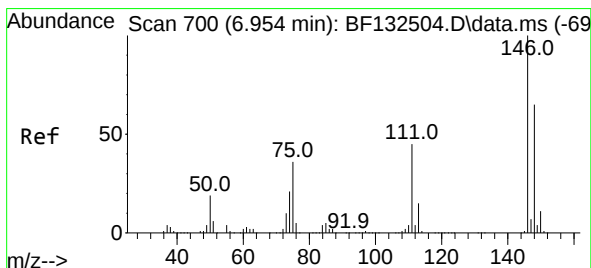
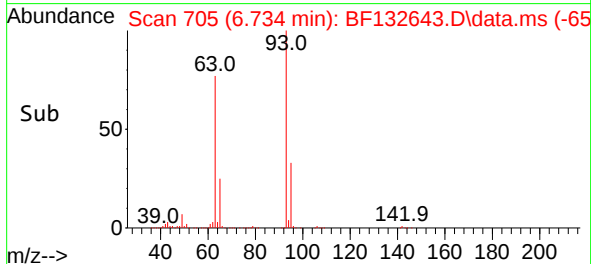
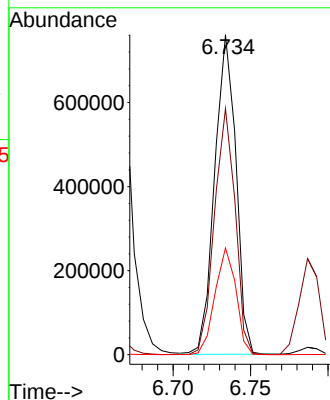
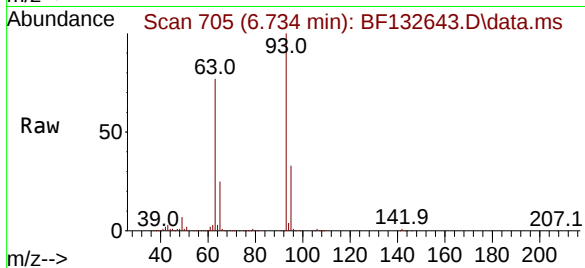
Tgt Ion: 93 Resp: 726679

Ion Ratio Lower Upper

93 100

63 76.9 59.6 99.6

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.588 ng

RT: 6.946 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

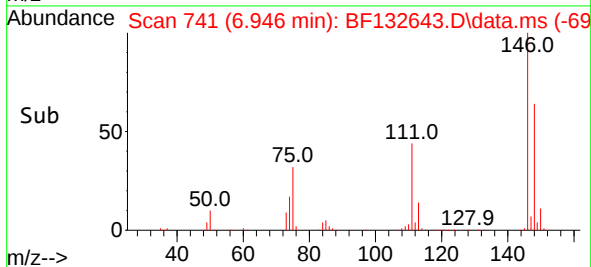
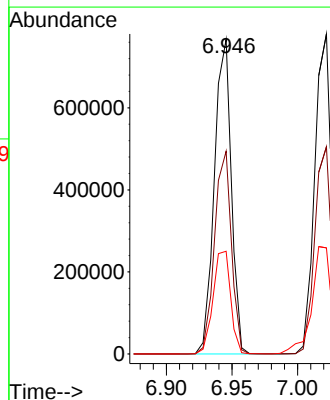
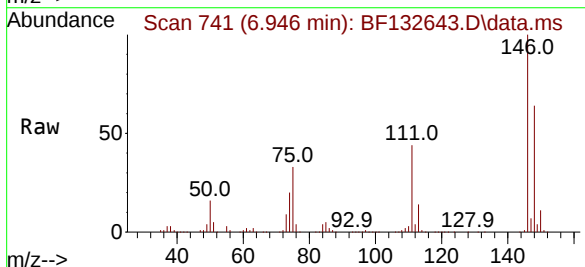
Tgt Ion:146 Resp: 689123

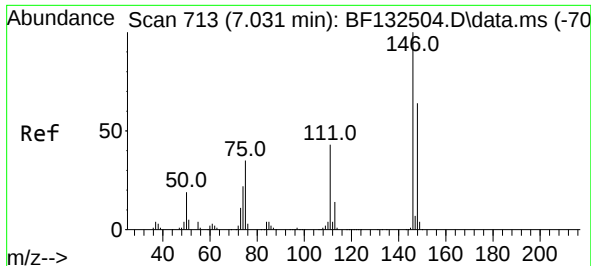
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 32.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 42.461 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

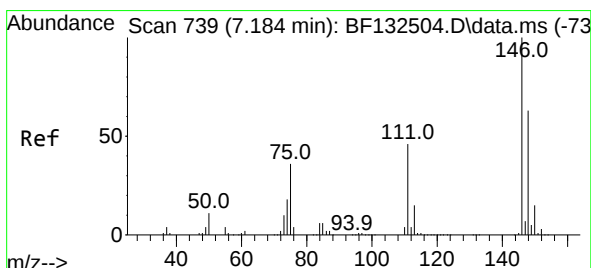
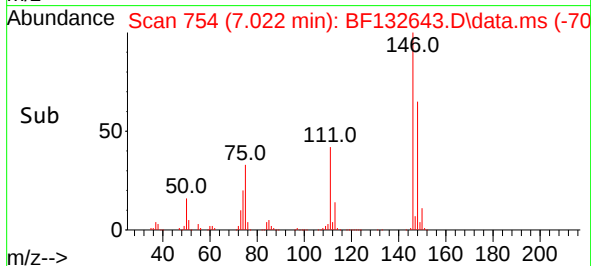
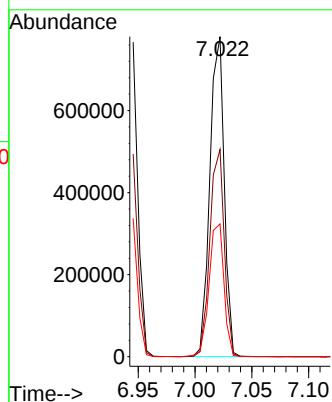
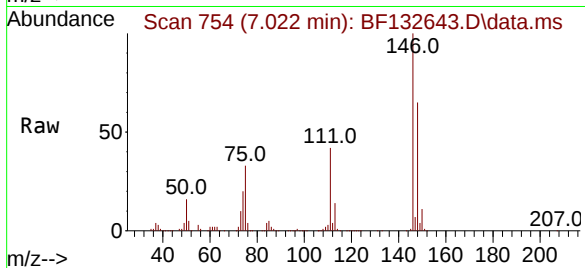
Tgt Ion:146 Resp: 686061

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 41.5 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 43.409 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

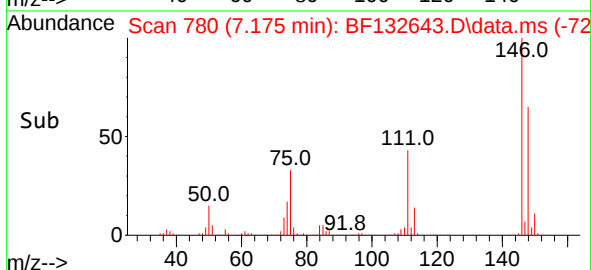
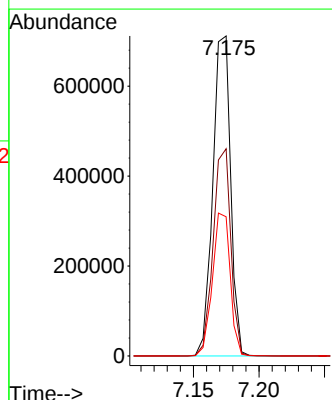
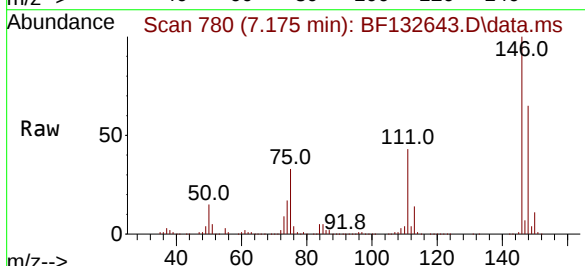
Tgt Ion:146 Resp: 673116

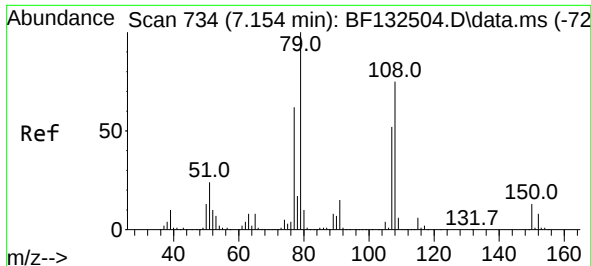
Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

111 43.5 37.2 55.8

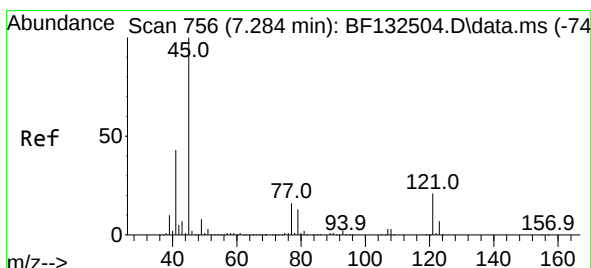
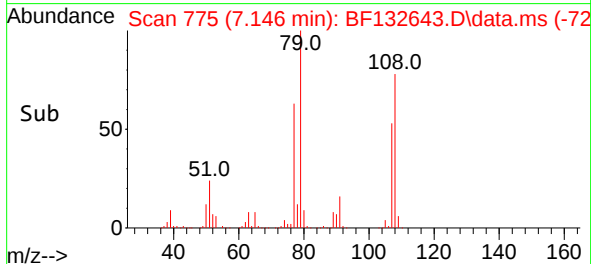
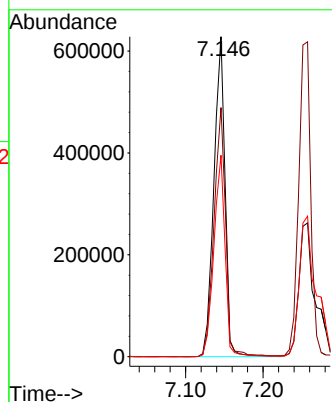
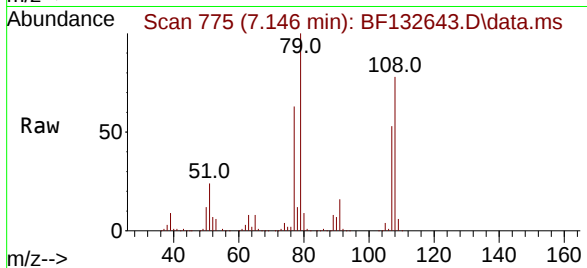




#15
Benzyl Alcohol
Concen: 43.444 ng
RT: 7.146 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

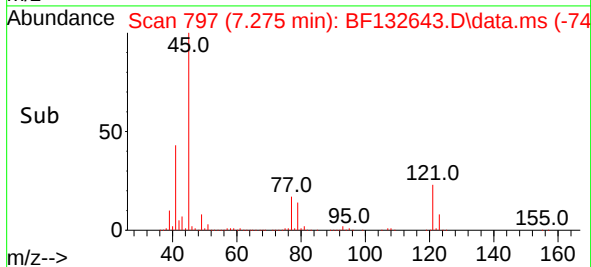
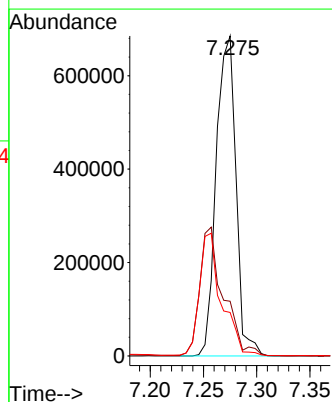
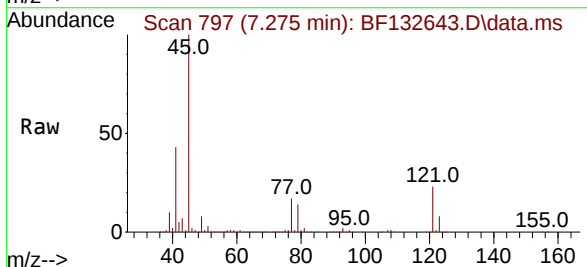
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

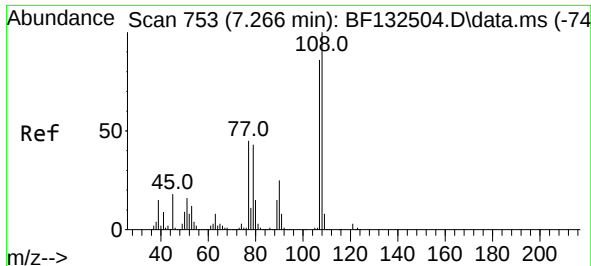
Tgt Ion: 79 Resp: 634397
Ion Ratio Lower Upper
79 100
108 77.8 60.2 90.4
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.131 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 45 Resp: 880187
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.4
79 13.6 0.0 33.4



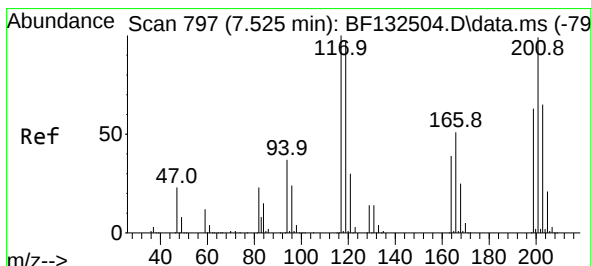
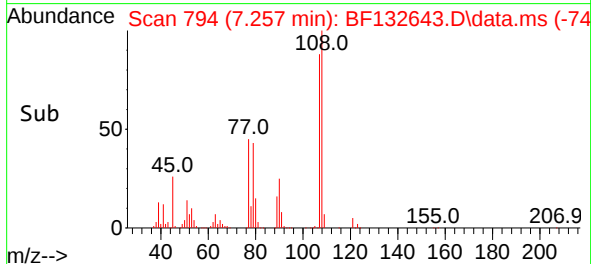
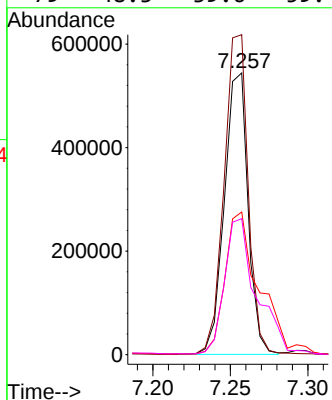
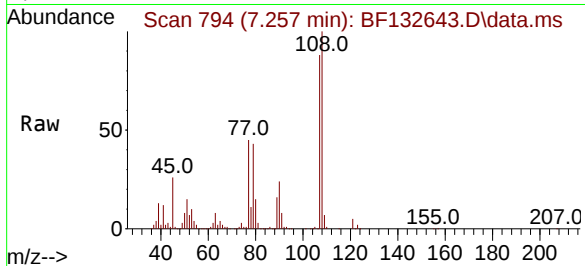


#17
2-Methylphenol
Concen: 41.101 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB151188BSD

Tgt Ion:107 Resp: 578393

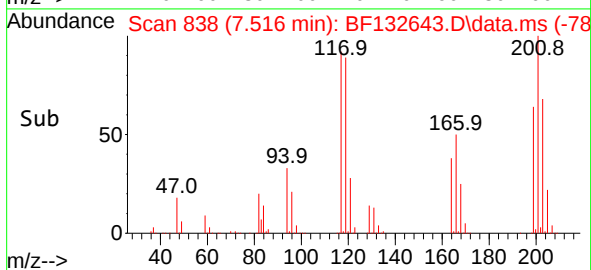
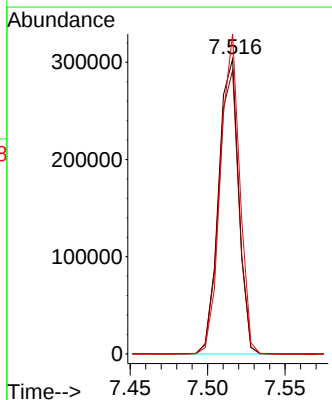
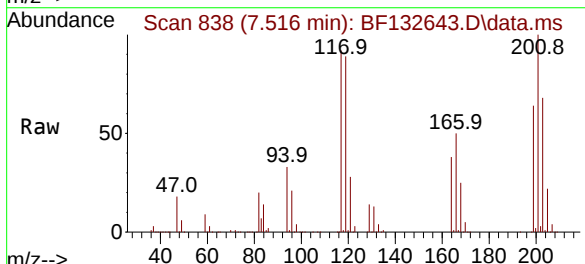
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.4
77	50.7	42.1	63.1
79	48.3	39.6	59.4

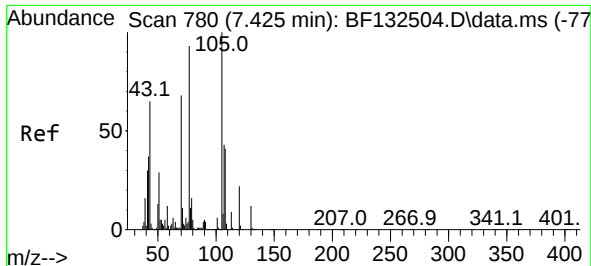


#18
Hexachloroethane
Concen: 43.474 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:117 Resp: 274423

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.0	117.0
201	108.5	79.0	118.4

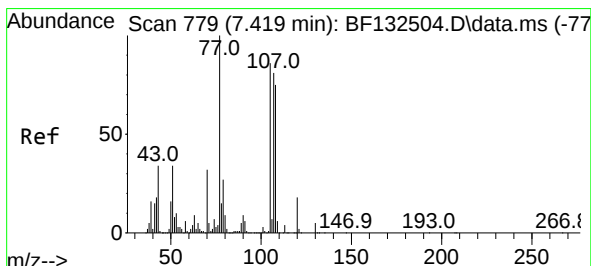
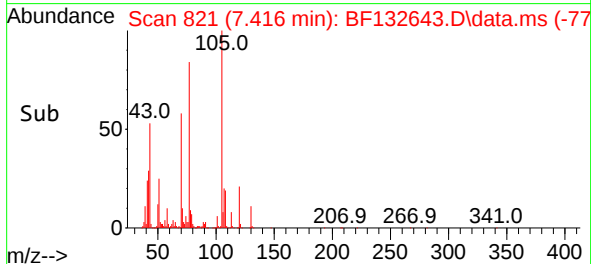
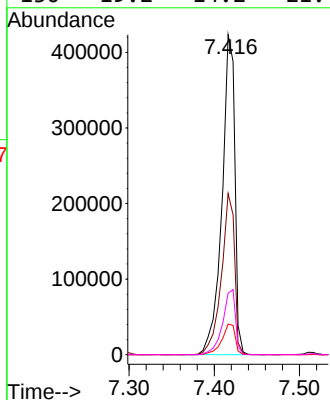
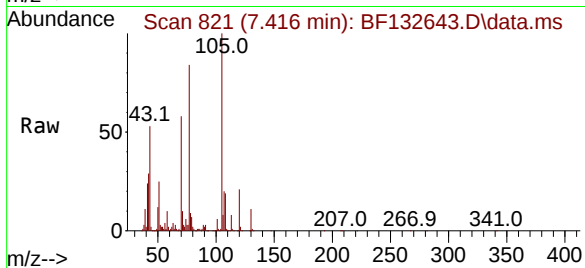




#19
n-Nitroso-di-n-propylamine
Concen: 38.111 ng
RT: 7.416 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

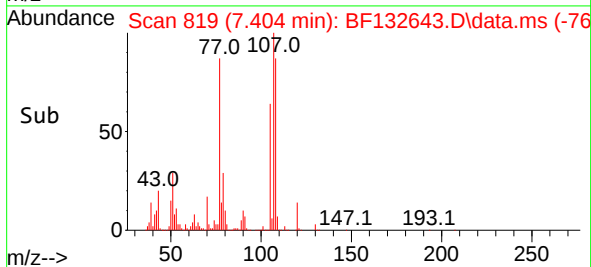
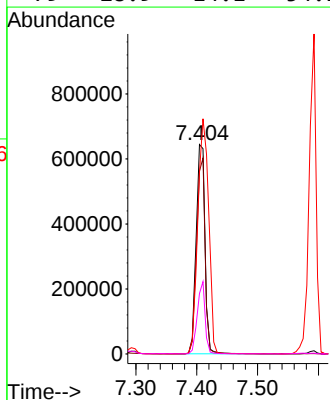
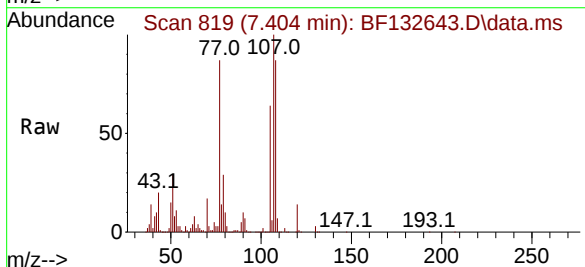
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

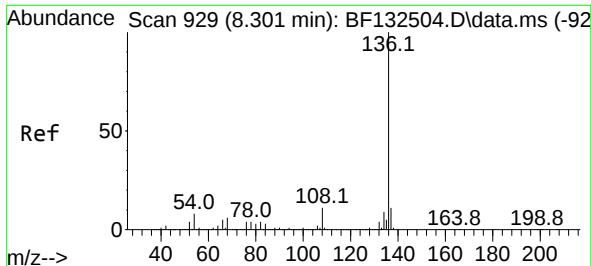
Tgt Ion: 70 Resp: 444719
Ion Ratio Lower Upper
70 100
42 50.4 44.1 66.1
101 9.6 7.4 11.2
130 19.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.657 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 107 Resp: 648270
Ion Ratio Lower Upper
107 100
108 87.3 72.6 112.6
77 86.6 104.0 144.0#
79 28.9 14.1 54.1

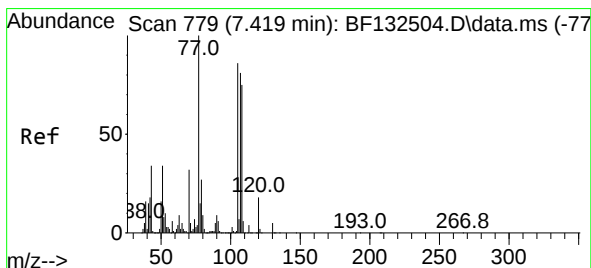
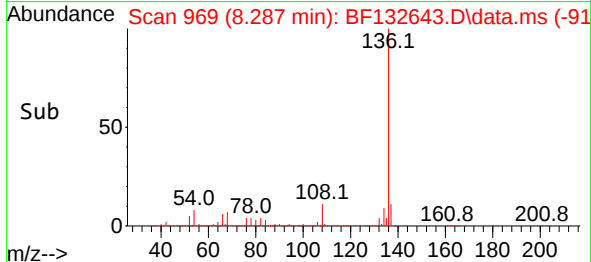
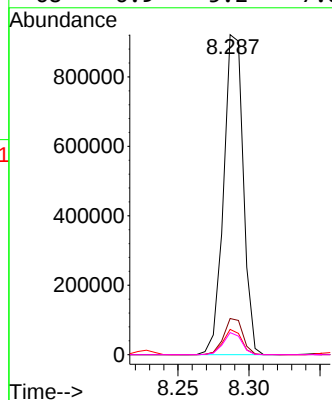
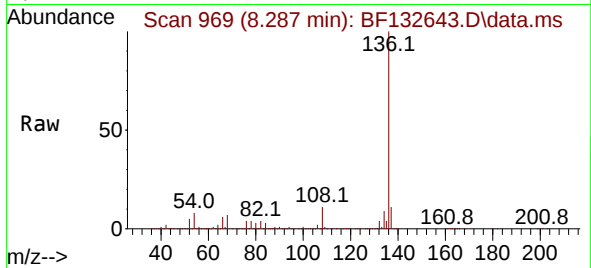




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

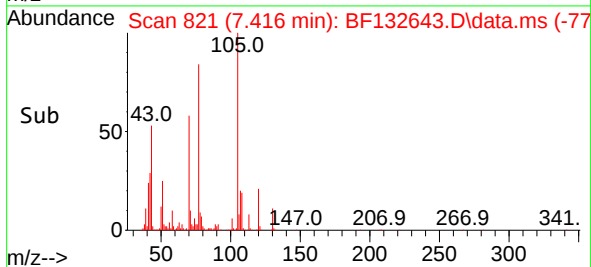
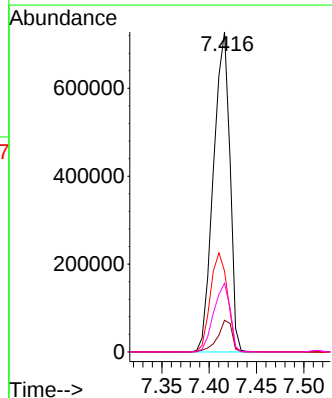
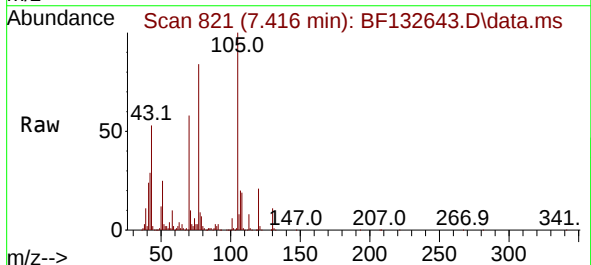
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

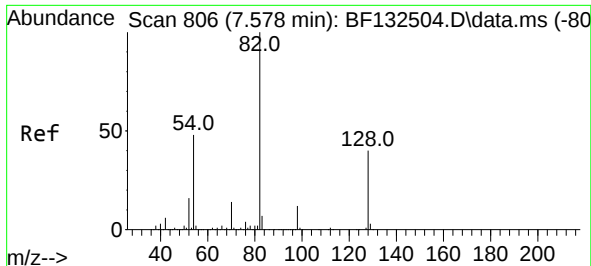
Tgt Ion:136 Resp: 885386
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.2 9.4
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 39.162 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:105 Resp: 874306
Ion Ratio Lower Upper
105 100
71 9.9 5.0 7.4#
51 25.3 31.5 47.3#
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.154 ng

RT: 7.575 min Scan# 84

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

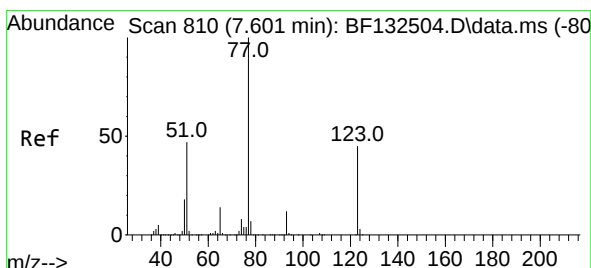
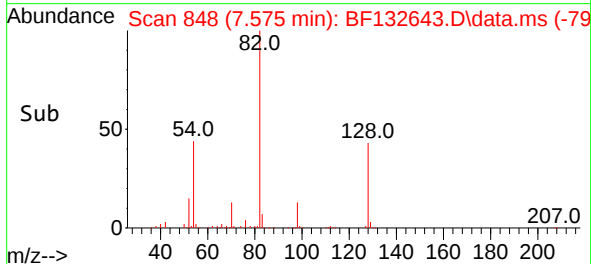
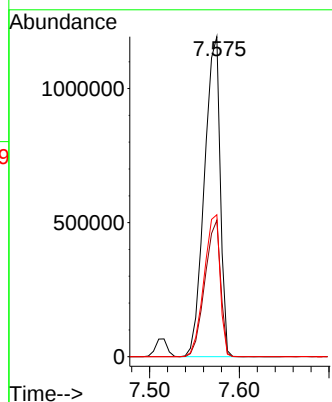
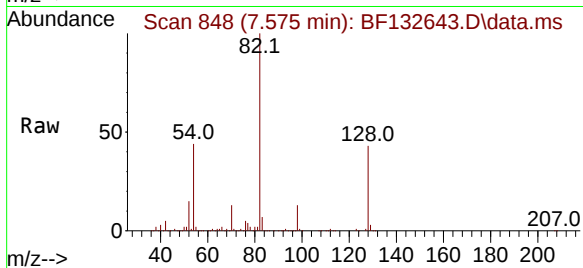
Tgt Ion: 82 Resp: 1458469

Ion Ratio Lower Upper

82 100

128 42.6 32.2 48.2

54 44.3 38.4 57.6



#24

Nitrobenzene

Concen: 39.195 ng

RT: 7.593 min Scan# 851

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

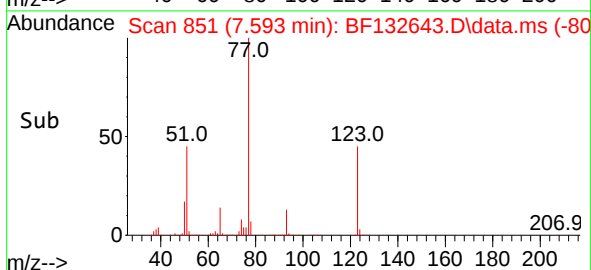
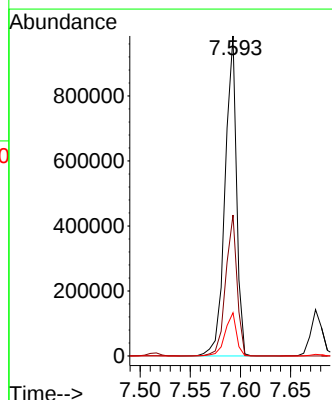
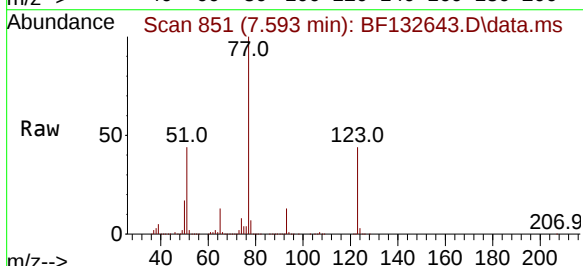
Tgt Ion: 77 Resp: 782259

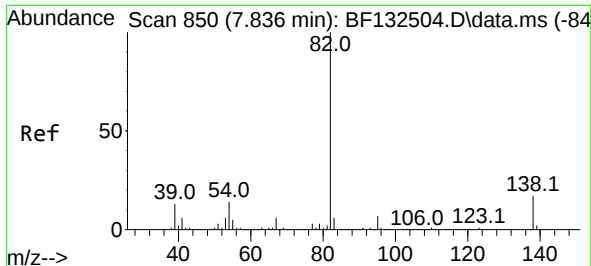
Ion Ratio Lower Upper

77 100

123 44.1 35.8 53.6

65 13.5 10.9 16.3

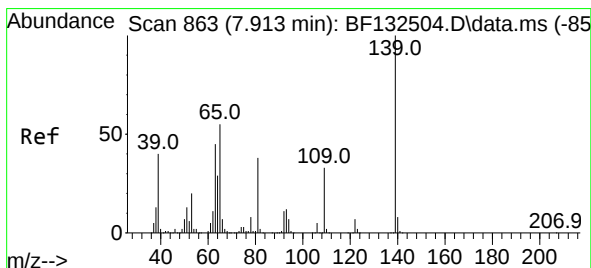
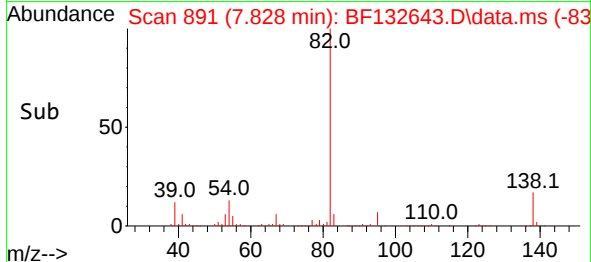
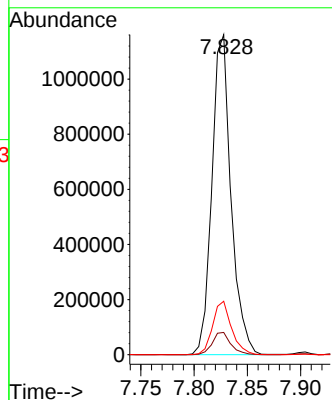
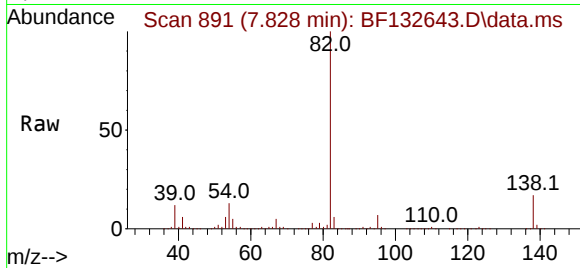




#25
Isophorone
Concen: 40.493 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

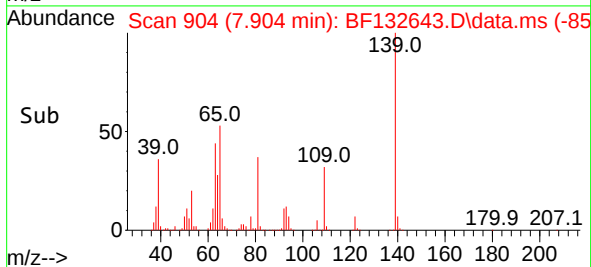
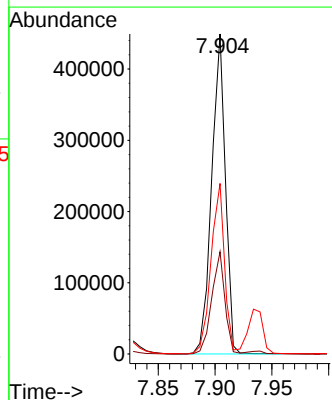
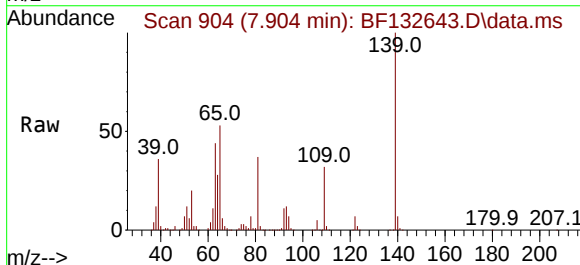
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

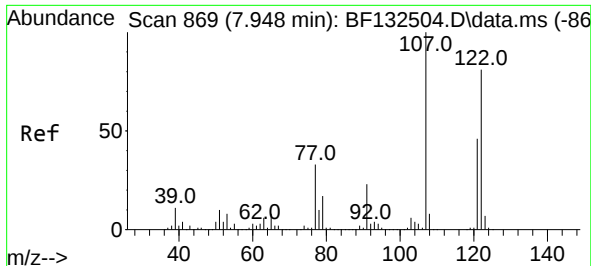
Tgt Ion: 82 Resp: 1448788
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.7 13.3 19.9



#26
2-Nitrophenol
Concen: 42.750 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 139 Resp: 376454
Ion Ratio Lower Upper
139 100
109 31.9 26.2 39.2
65 53.3 43.8 65.8

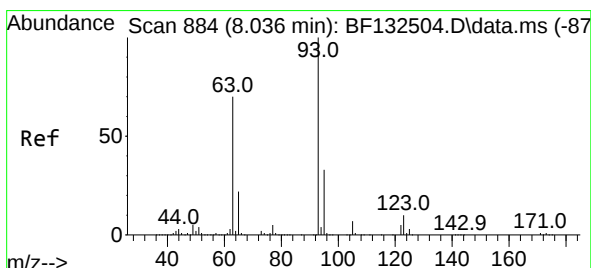
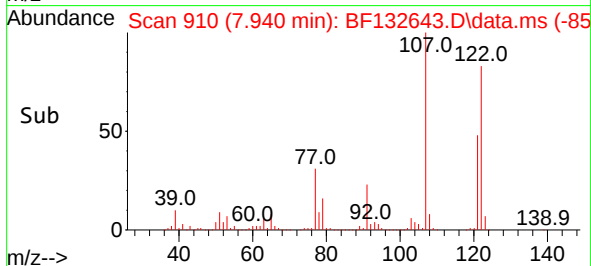
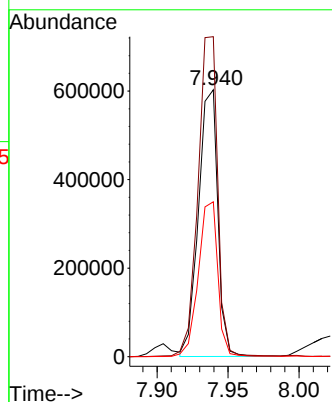
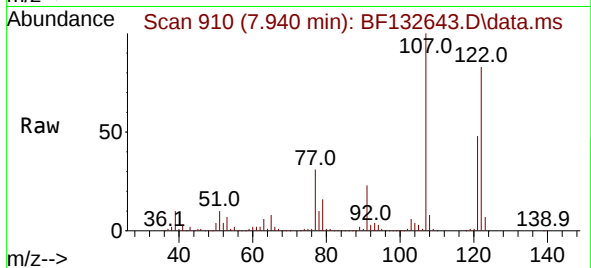




#27
2,4-Dimethylphenol
Concen: 41.268 ng
RT: 7.940 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

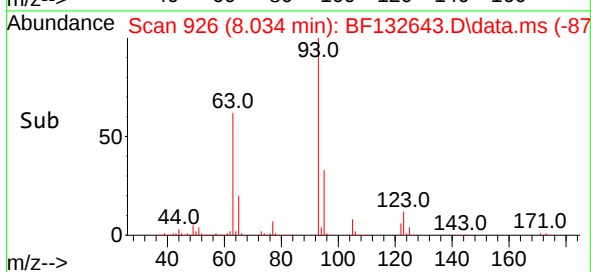
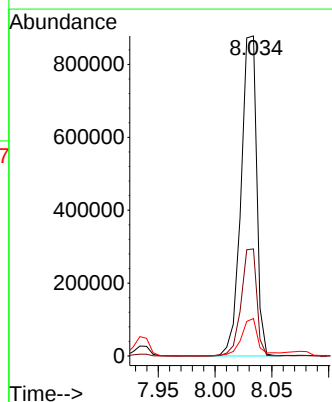
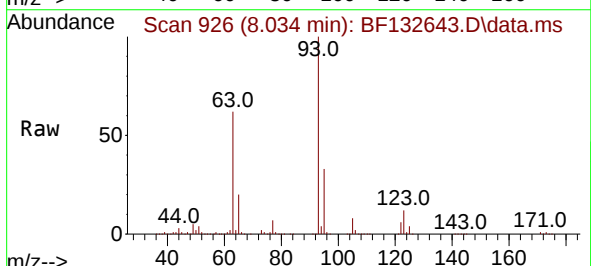
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

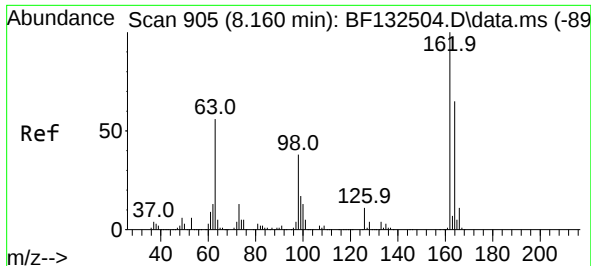
Tgt Ion:122 Resp: 573558
Ion Ratio Lower Upper
122 100
107 119.9 98.7 148.1
121 58.1 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.232 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 93 Resp: 842044
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 11.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.075 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

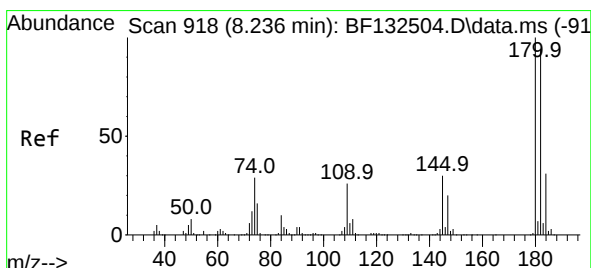
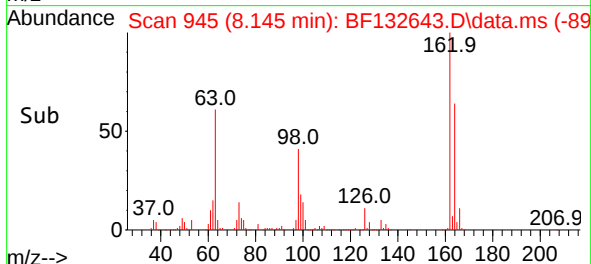
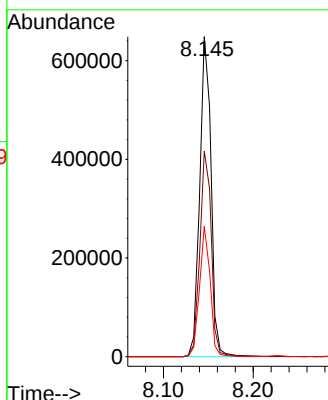
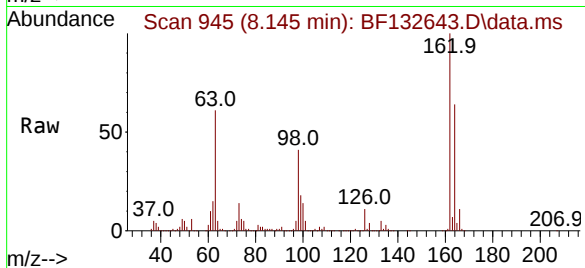
Tgt Ion:162 Resp: 567880

Ion Ratio Lower Upper

162 100

164 64.3 45.3 85.3

98 40.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.267 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

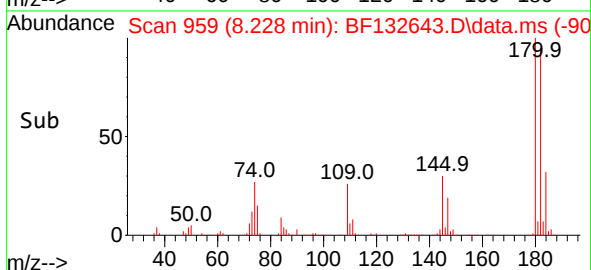
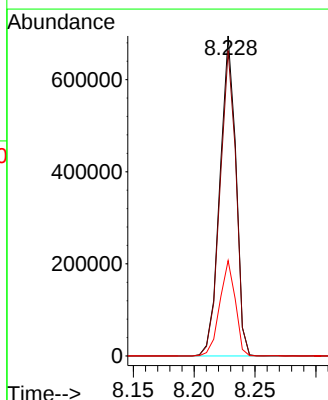
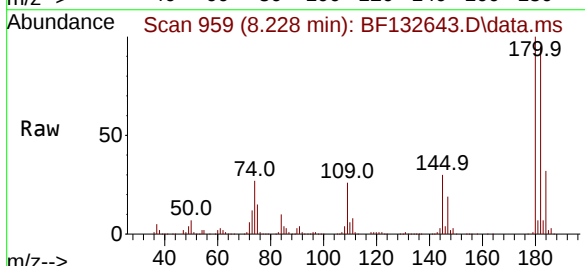
Tgt Ion:180 Resp: 634526

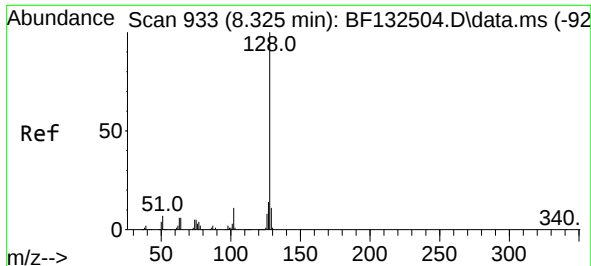
Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 29.8 23.8 35.6

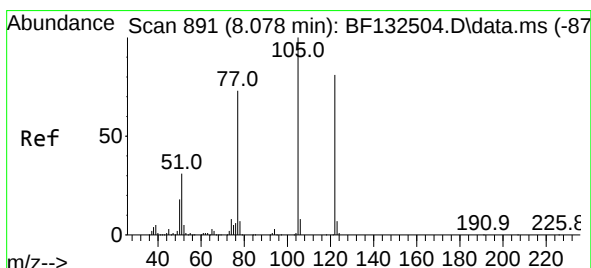
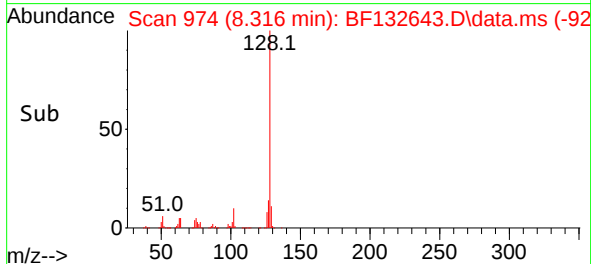
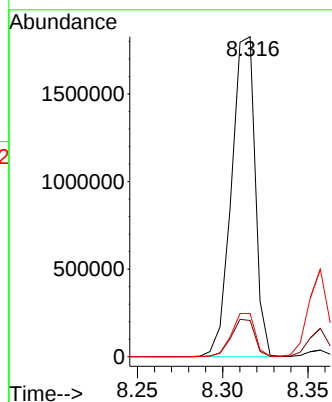
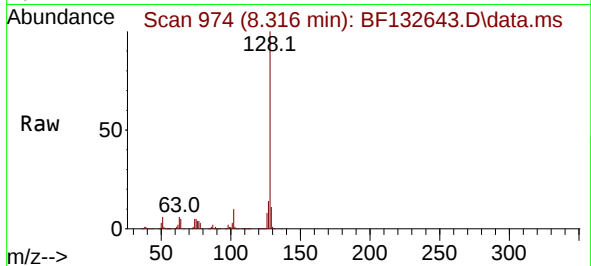




#31
Naphthalene
Concen: 38.869 ng
RT: 8.316 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

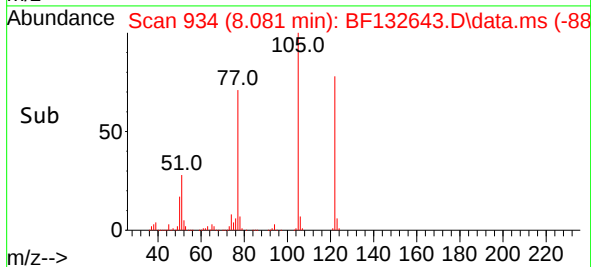
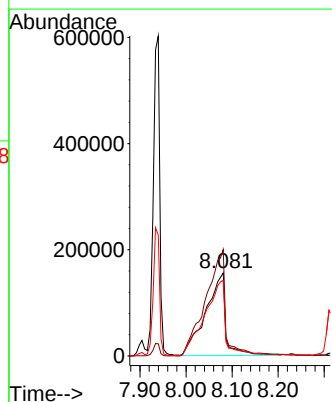
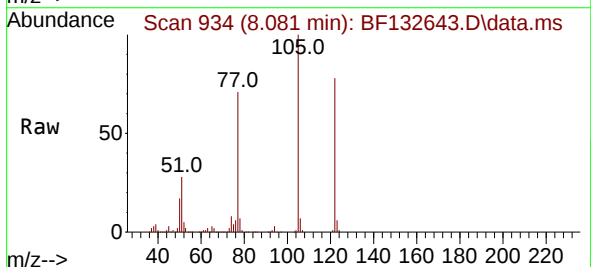
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

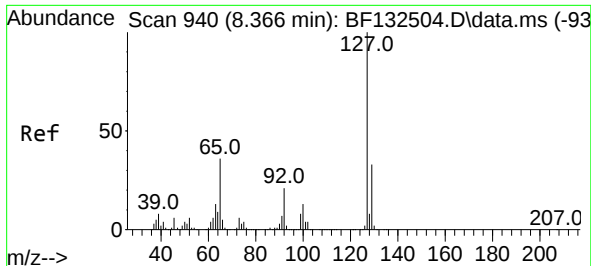
Tgt Ion:128 Resp: 1761772
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 43.689 ng
RT: 8.081 min Scan# 934
Delta R.T. 0.015 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:122 Resp: 474390
Ion Ratio Lower Upper
122 100
105 128.2 102.6 142.6
77 91.0 70.2 110.2

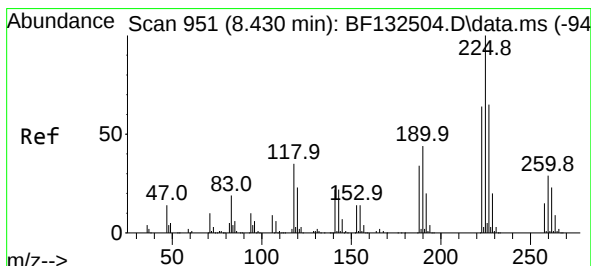
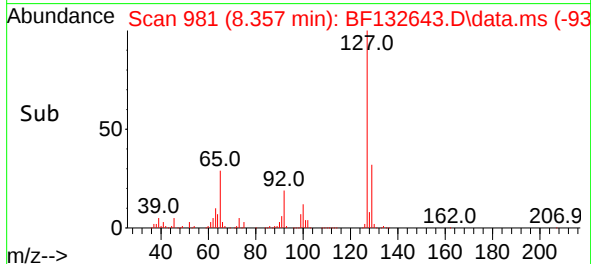
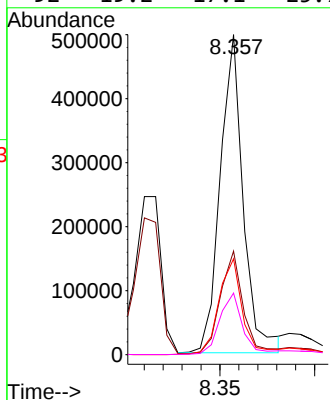
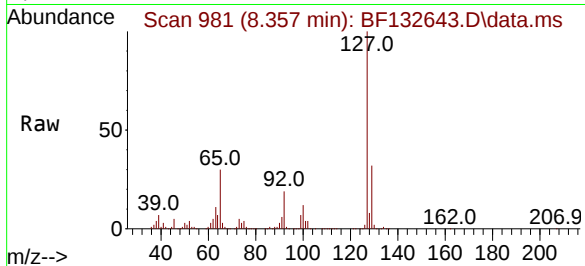




#33
4-Chloroaniline
Concen: 21.623 ng
RT: 8.357 min Scan# 911
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

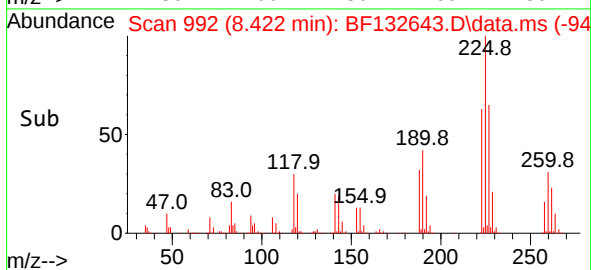
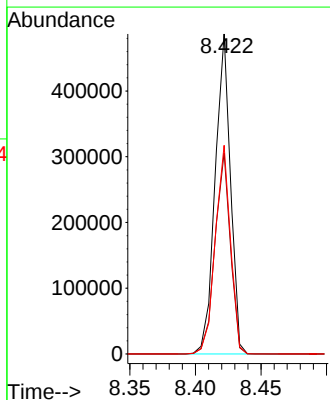
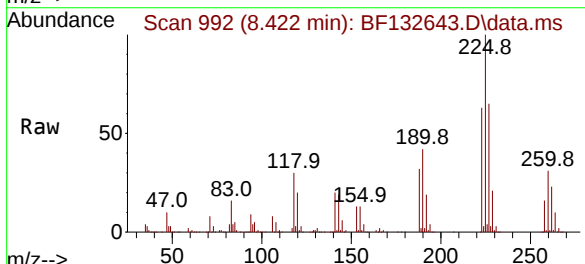
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

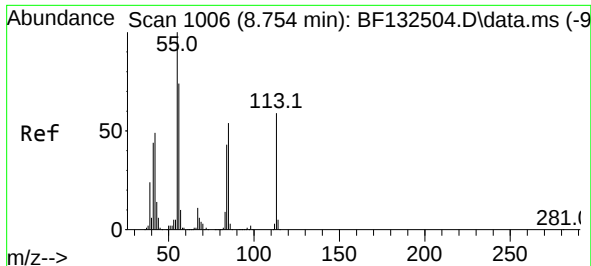
Tgt Ion:	127	Resp:	419984
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	30.0	28.8	43.2
92	19.2	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.388 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:	225	Resp:	394828
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	65.2	51.7	77.5

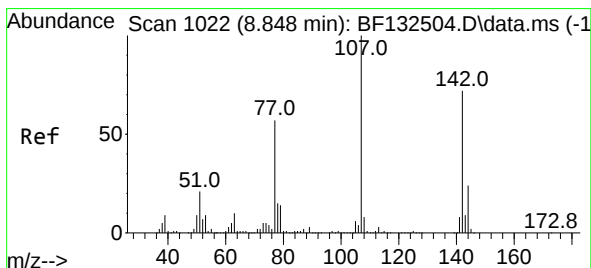
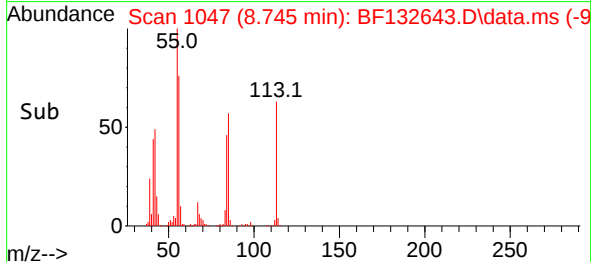
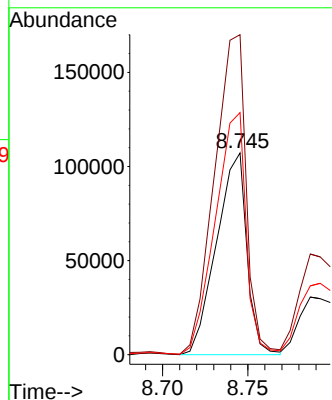
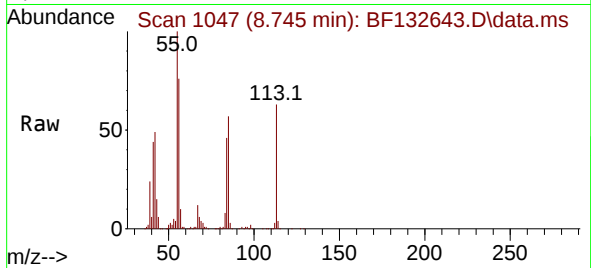




#35
Caprolactam
Concen: 29.093 ng
RT: 8.745 min Scan# 1047
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

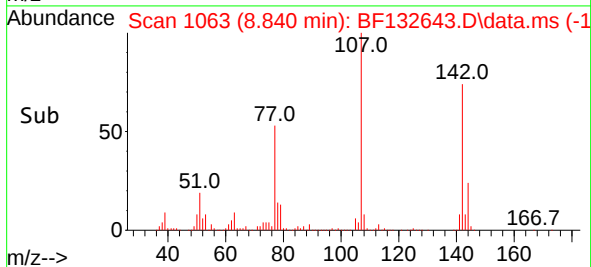
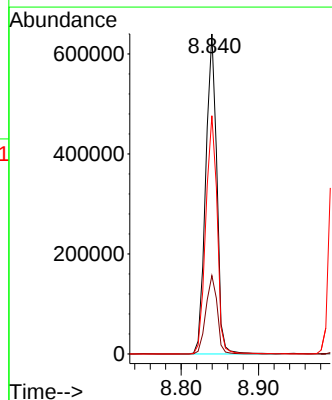
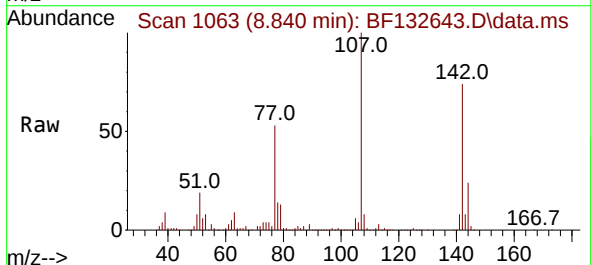
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

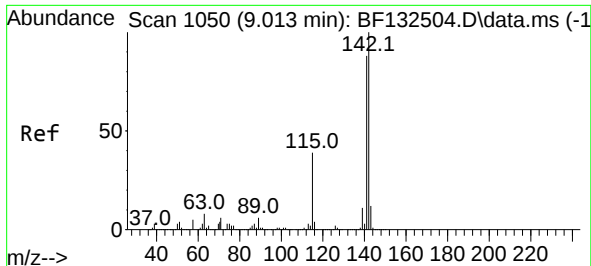
Tgt Ion:113 Resp: 132601
Ion Ratio Lower Upper
113 100
55 158.6 149.4 189.4
56 120.0 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 41.898 ng
RT: 8.840 min Scan# 1063
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:107 Resp: 636144
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 74.5 57.9 86.9





#37

2-Methylnaphthalene

Concen: 37.874 ng

RT: 9.004 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

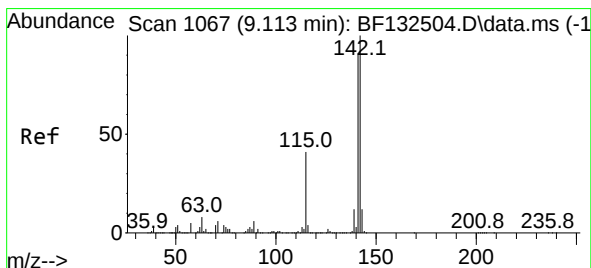
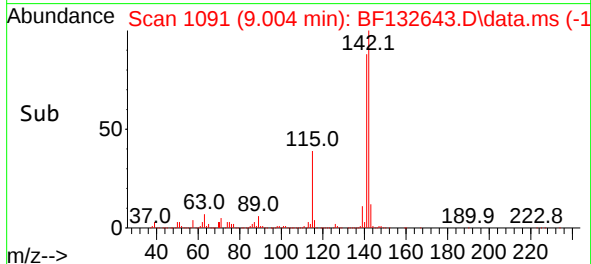
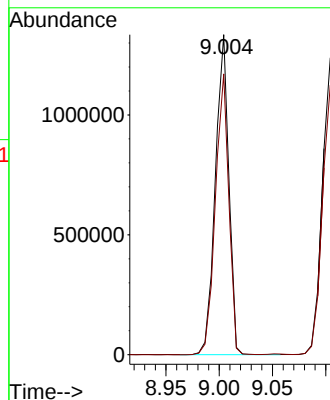
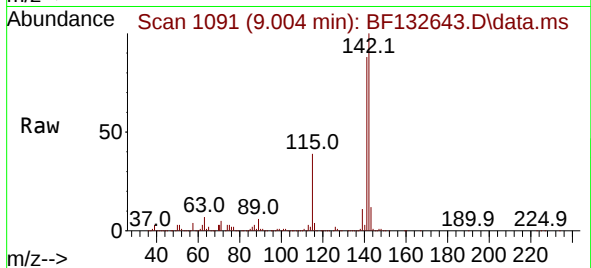
PB151188BSD

Tgt Ion:142 Resp: 1169903

Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.2



#38

1-Methylnaphthalene

Concen: 37.557 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132643.D

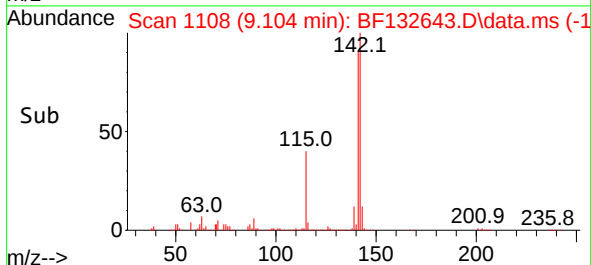
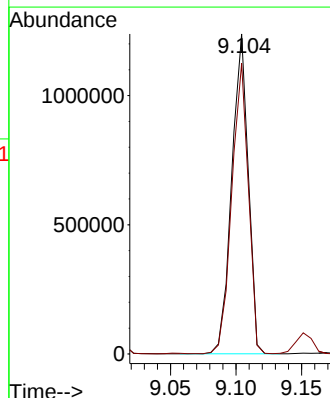
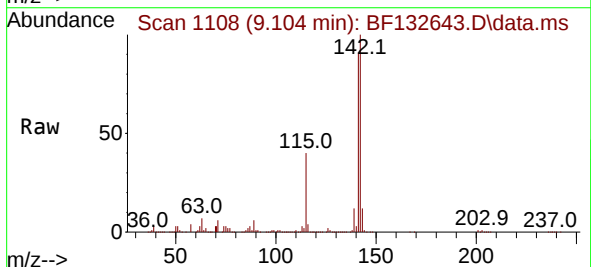
Acq: 06 Mar 2023 11:27

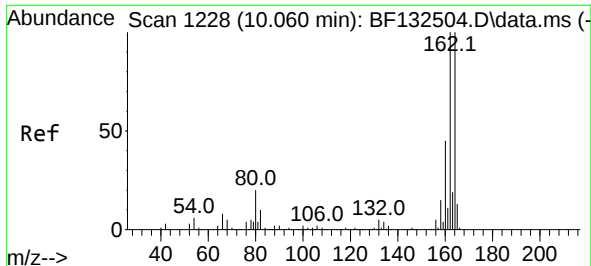
Tgt Ion:142 Resp: 1084173

Ion Ratio Lower Upper

142 100

141 90.8 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: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

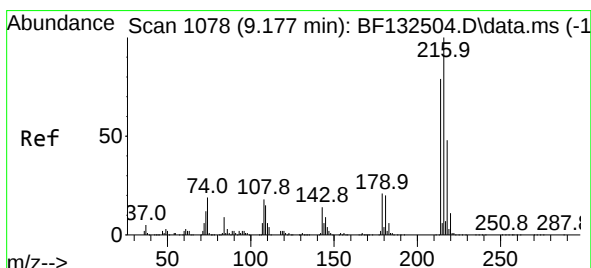
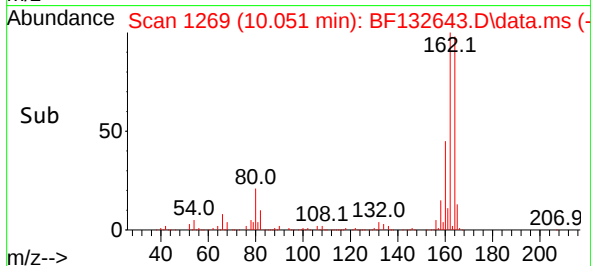
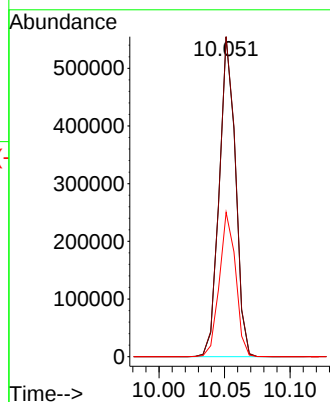
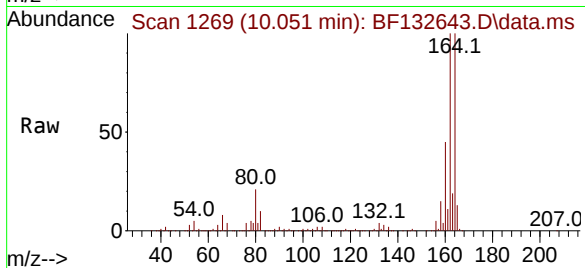
Tgt Ion:164 Resp: 474072

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 45.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.804 ng

RT: 9.169 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Tgt Ion:216 Resp: 632894

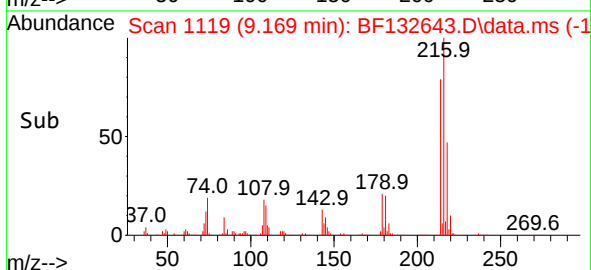
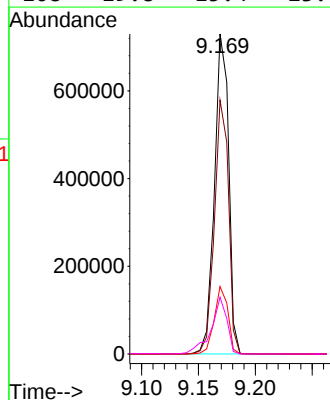
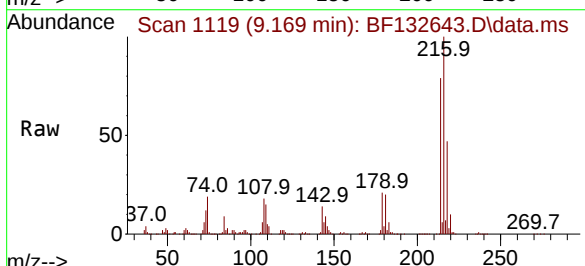
Ion Ratio Lower Upper

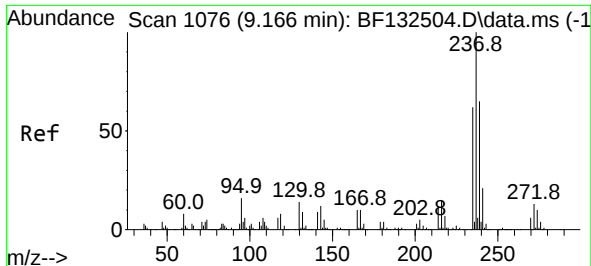
216 100

214 78.9 63.0 94.6

179 20.2 16.6 24.8

108 19.8 15.4 23.0

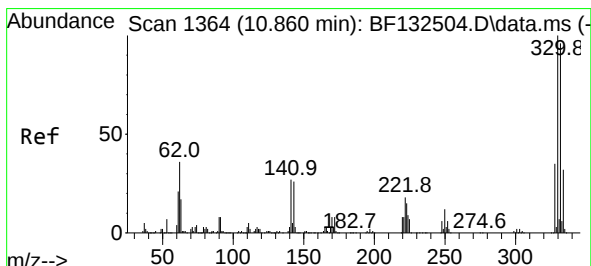
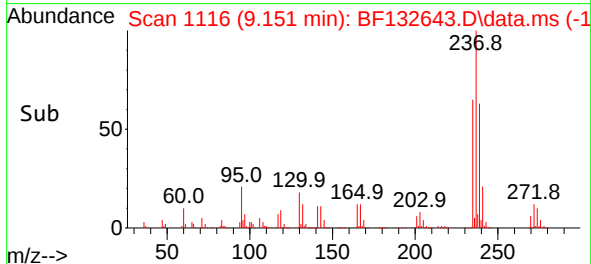
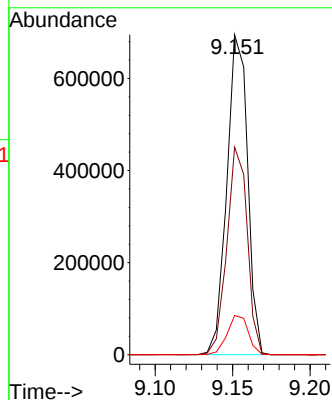
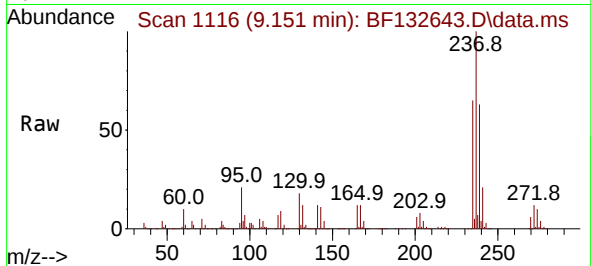




#41
Hexachlorocyclopentadiene
Concen: 77.107 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

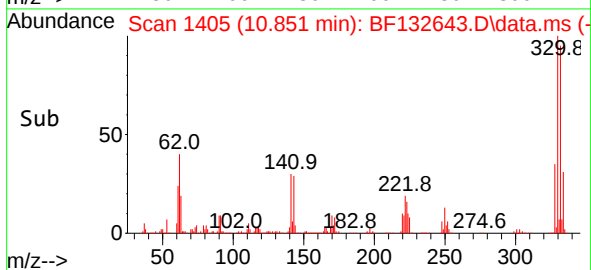
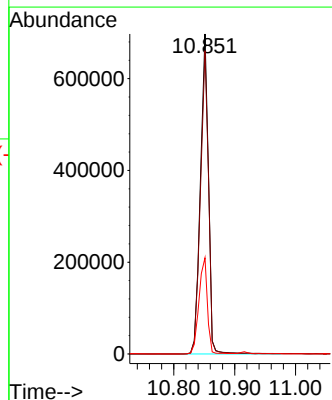
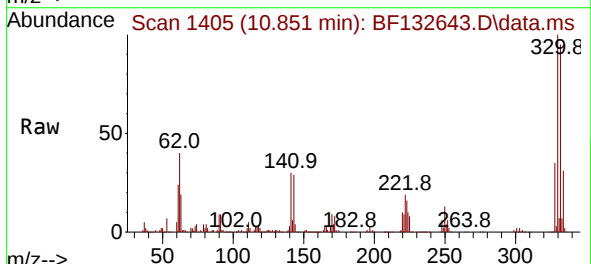
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

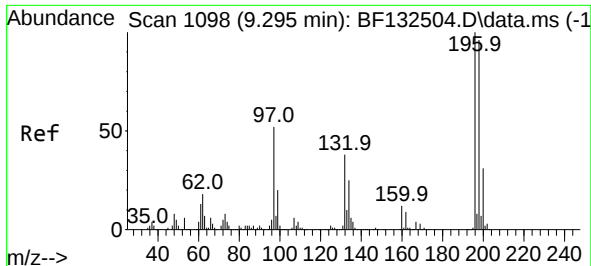
Tgt Ion:237 Resp: 648684
Ion Ratio Lower Upper
237 100
235 64.9 42.4 82.4
272 12.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 125.043 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:330 Resp: 640194
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.5 28.4 42.6

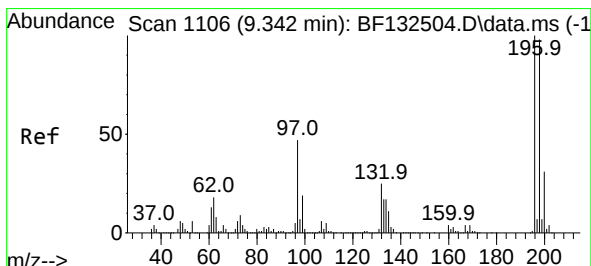
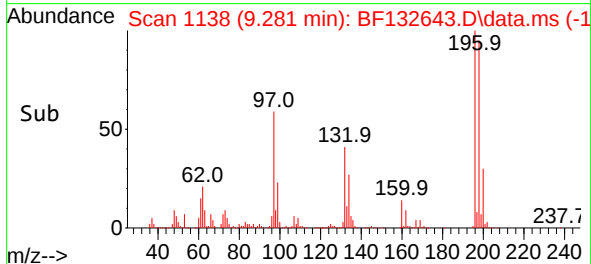
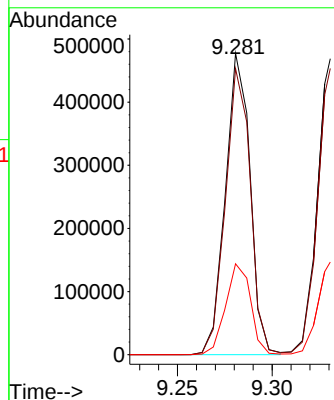
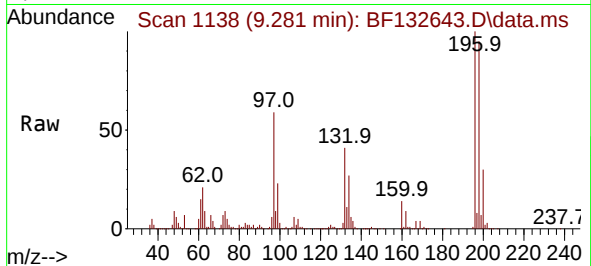




#43
 2,4,6-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.281 min Scan# 1138
 Delta R.T. -0.003 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

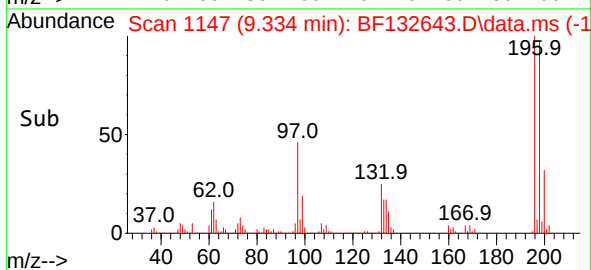
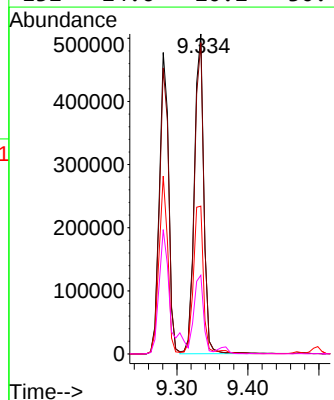
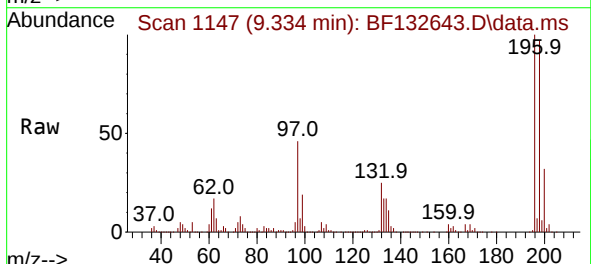
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BSD

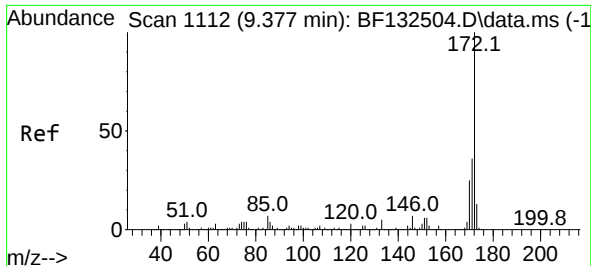
Tgt Ion:196 Resp: 433856
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.1 115.7
 200 30.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 38.171 ng
 RT: 9.334 min Scan# 1147
 Delta R.T. 0.009 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

Tgt Ion:196 Resp: 468288
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.3 117.5
 97 46.2 38.1 57.1
 132 24.6 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 71.313 ng

RT: 9.369 min Scan# 1112

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

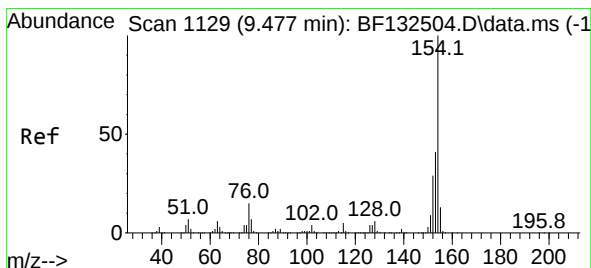
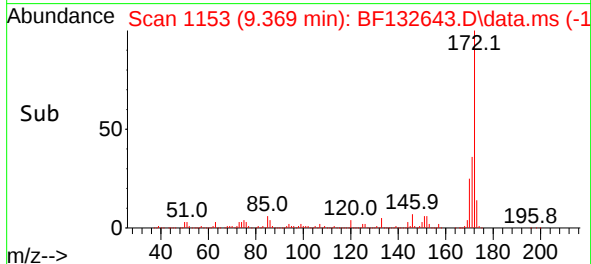
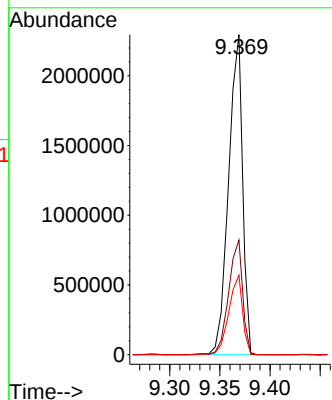
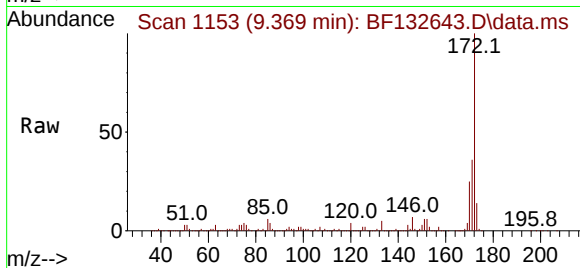
Tgt Ion:172 Resp: 2220300

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.8 19.7 29.5



#46

1,1'-Biphenyl

Concen: 39.394 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

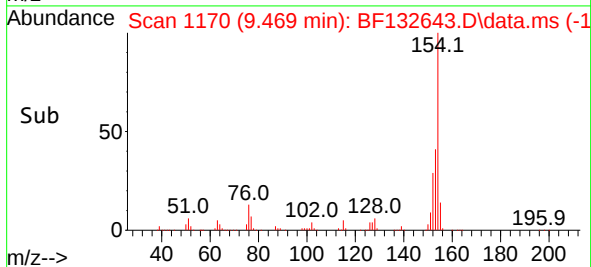
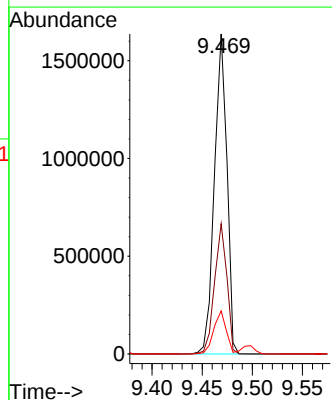
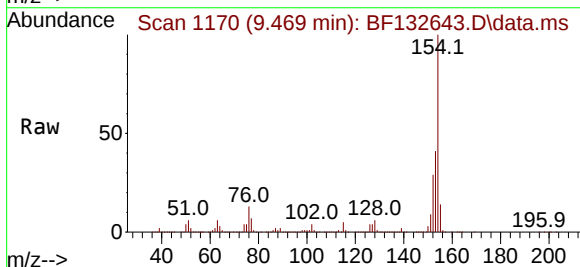
Tgt Ion:154 Resp: 1413515

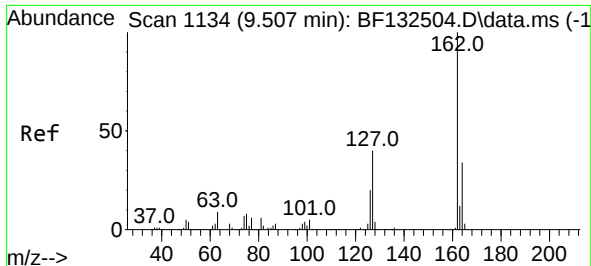
Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

76 13.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.428 ng

RT: 9.498 min Scan# 1115

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

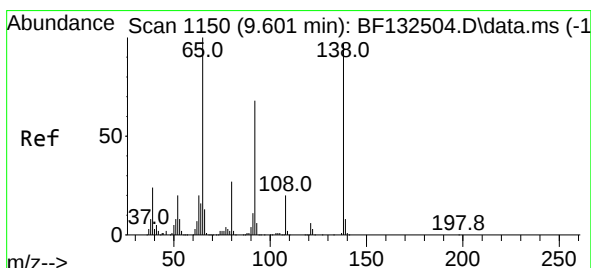
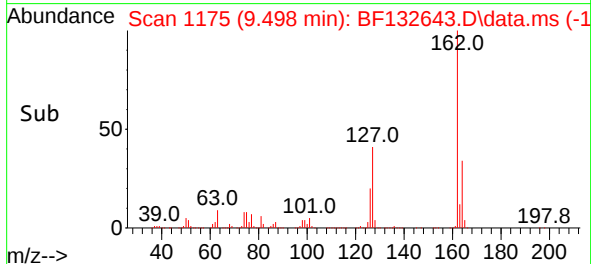
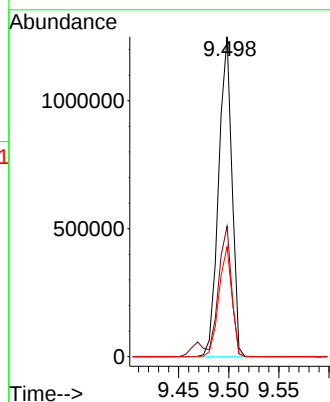
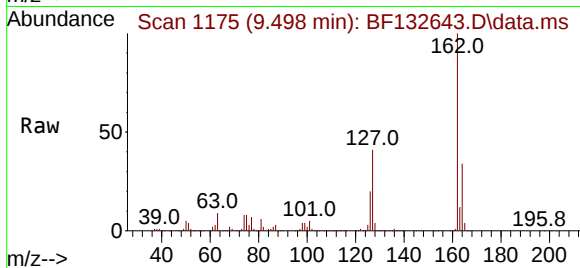
Tgt Ion:162 Resp: 1150129

Ion Ratio Lower Upper

162 100

127 40.8 32.3 48.5

164 34.4 26.9 40.3



#48

2-Nitroaniline

Concen: 39.076 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

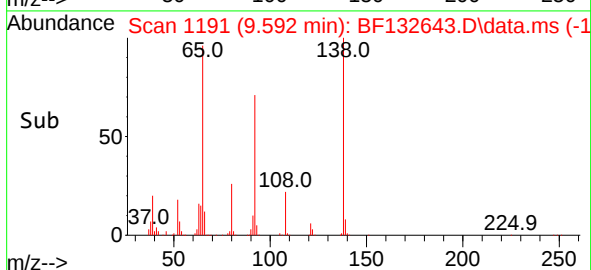
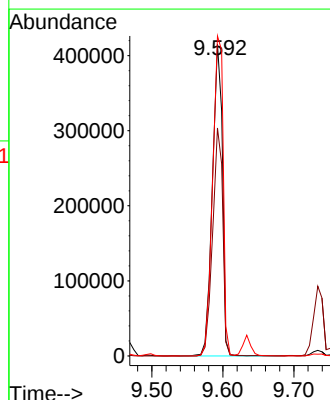
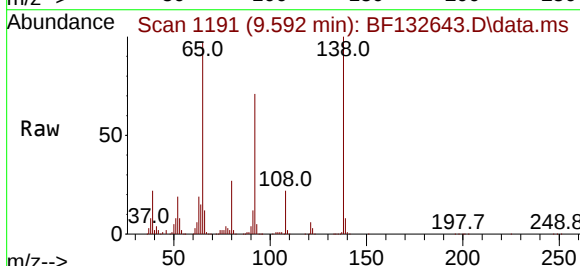
Tgt Ion: 65 Resp: 409426

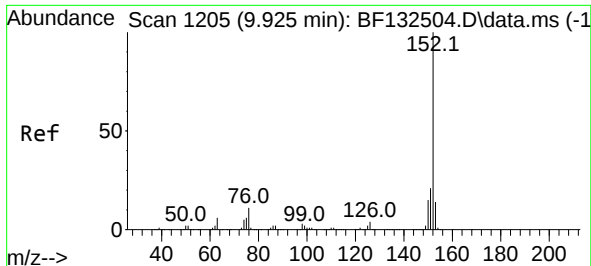
Ion Ratio Lower Upper

65 100

92 73.1 54.5 81.7

138 102.6 77.2 115.8





#49

Acenaphthylene

Concen: 38.834 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

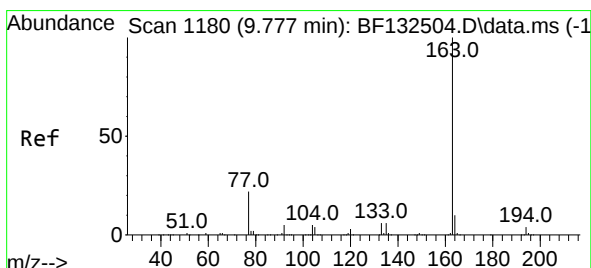
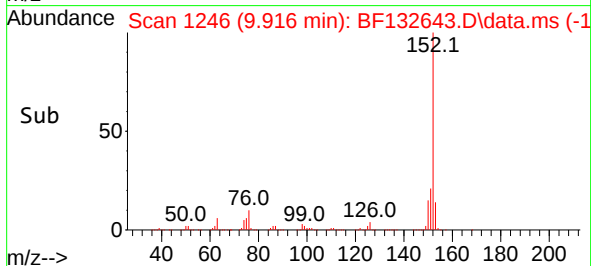
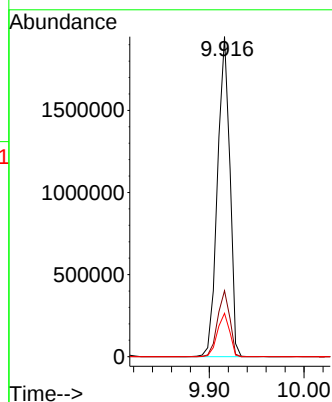
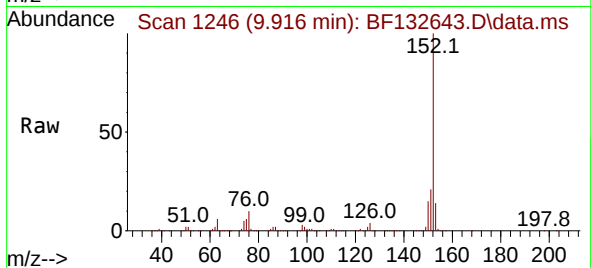
Tgt Ion:152 Resp: 1758256

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 40.864 ng

RT: 9.769 min Scan# 1221

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

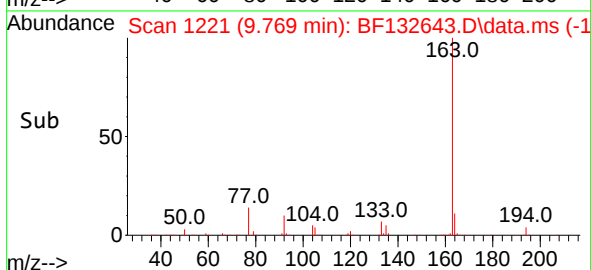
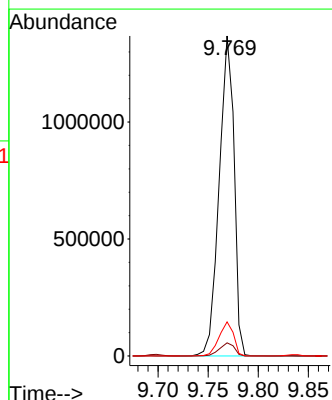
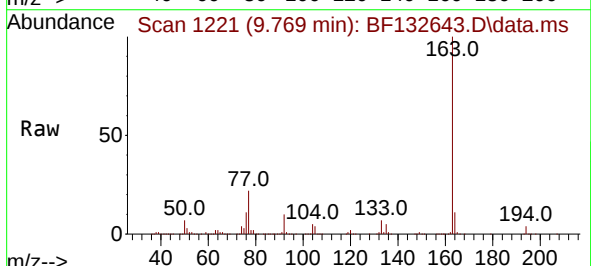
Tgt Ion:163 Resp: 1410553

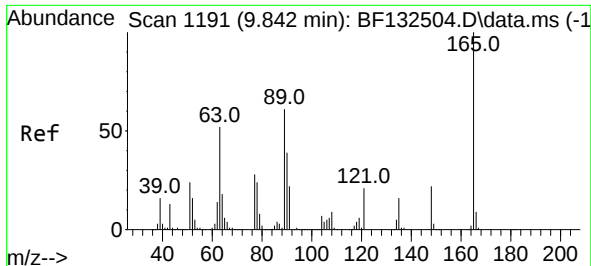
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.3 12.5

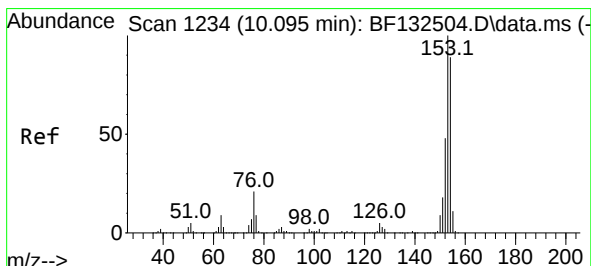
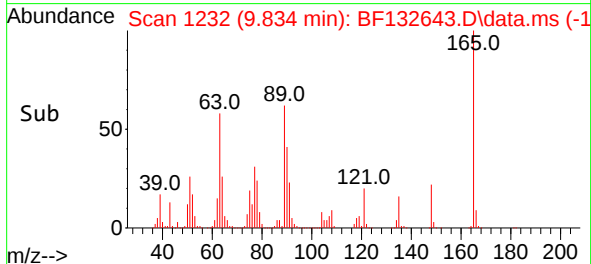
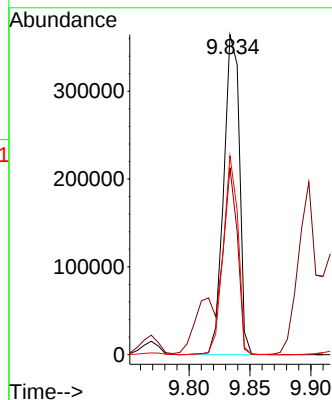
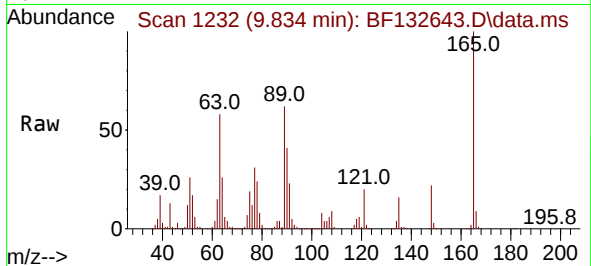




#51
2,6-Dinitrotoluene
Concen: 41.692 ng
RT: 9.834 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

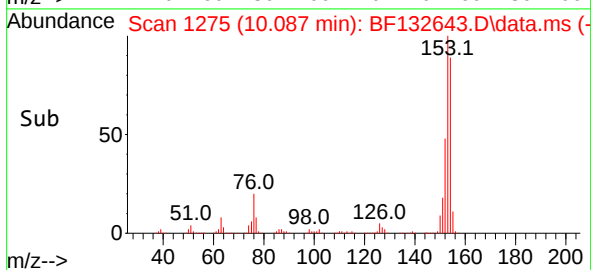
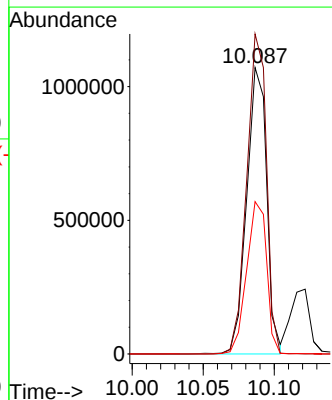
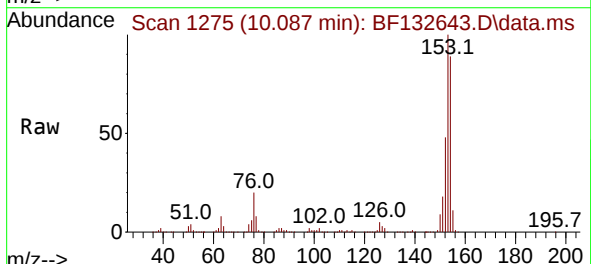
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

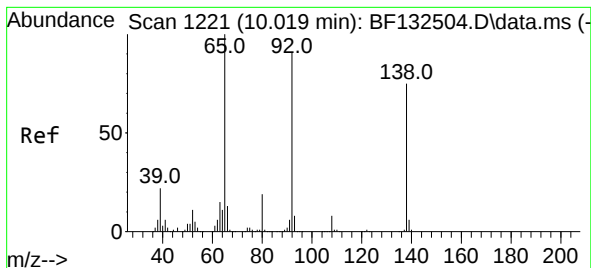
Tgt Ion:165 Resp: 327753
Ion Ratio Lower Upper
165 100
63 58.4 47.3 70.9
89 62.1 48.9 73.3



#52
Acenaphthene
Concen: 36.422 ng
RT: 10.087 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:154 Resp: 1047130
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.8
152 53.2 43.3 64.9

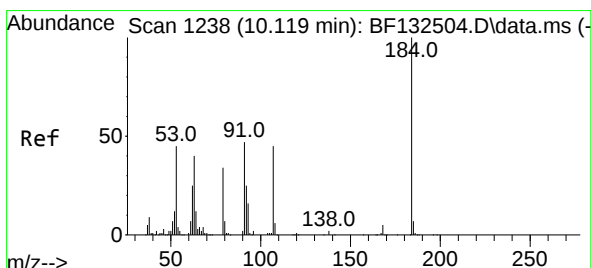
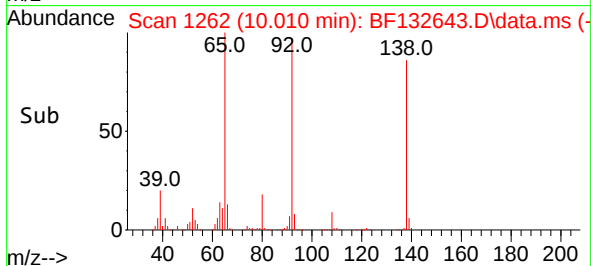
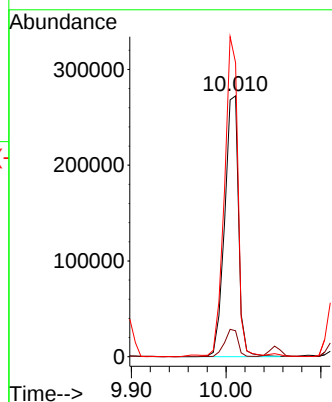
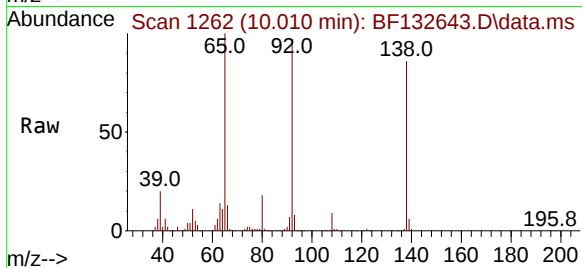




#53
3-Nitroaniline
Concen: 31.568 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

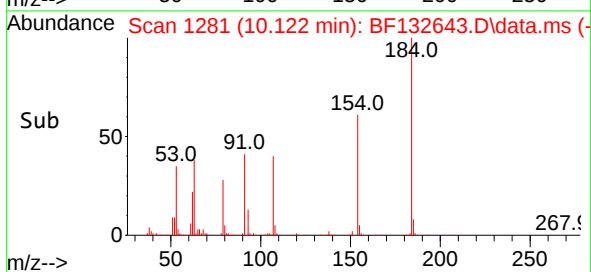
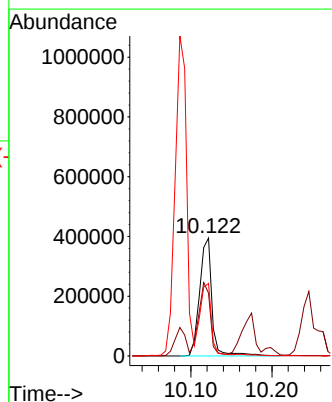
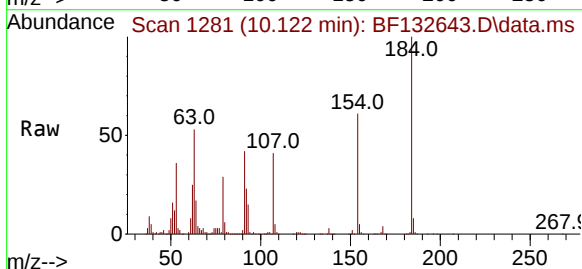
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

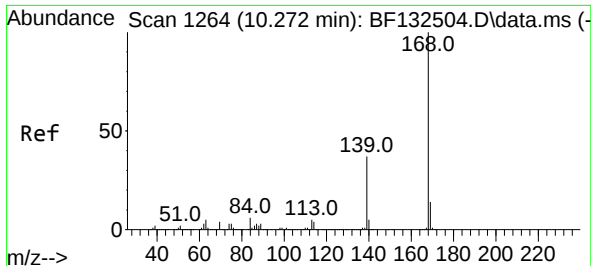
Tgt Ion:138 Resp: 277603
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 112.8 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 84.781 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:184 Resp: 420550
Ion Ratio Lower Upper
184 100
63 53.3 51.4 77.2
154 61.5 48.3 72.5

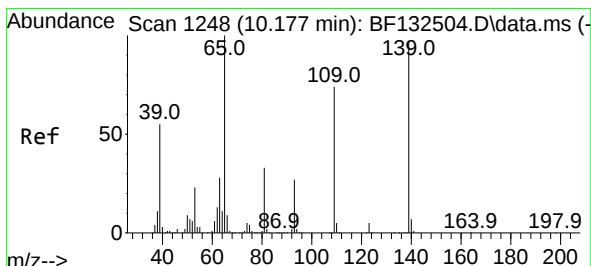
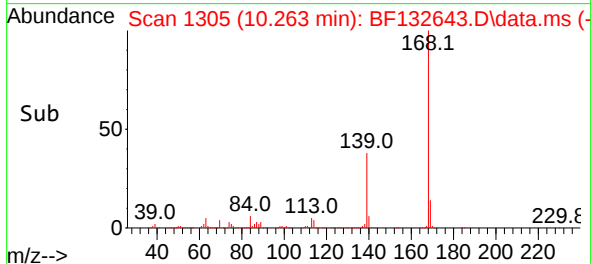
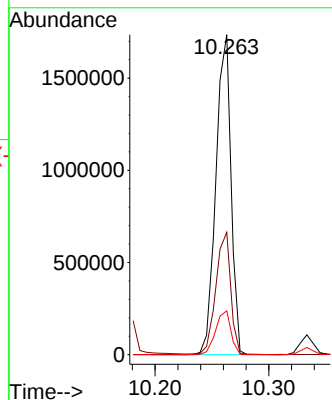
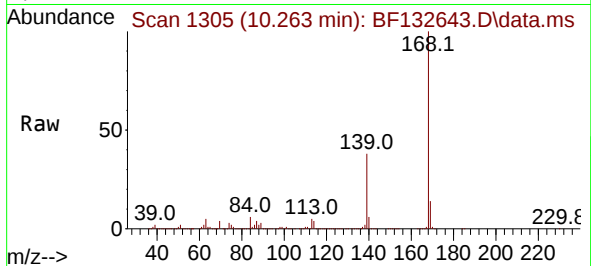




#55
Dibenzenofuran
Concen: 38.292 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

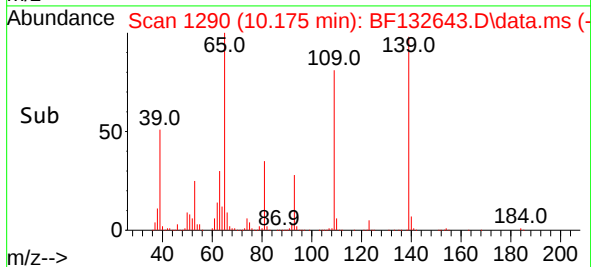
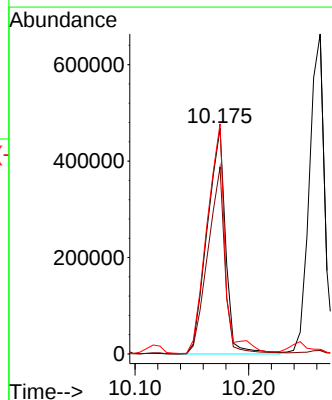
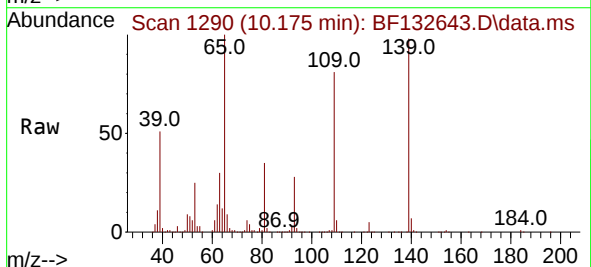
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

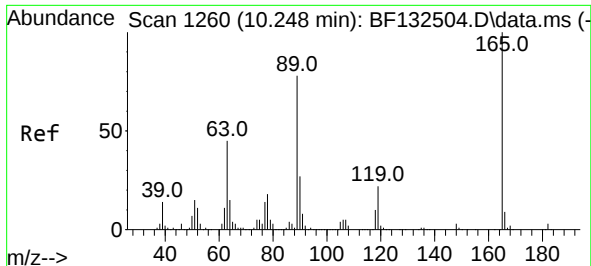
Tgt Ion:168 Resp: 1604930
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 80.213 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.009 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:139 Resp: 526039
Ion Ratio Lower Upper
139 100
109 82.7 56.7 96.7
65 101.9 83.5 123.5

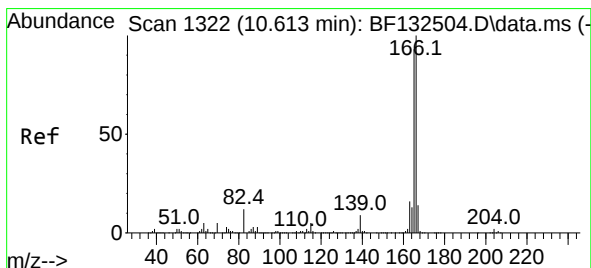
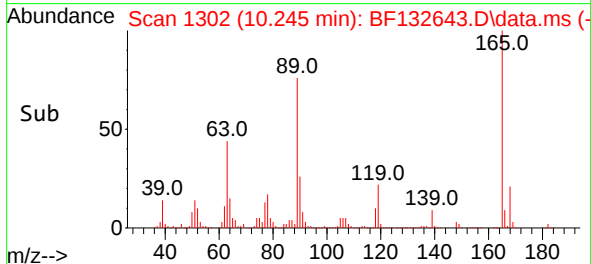
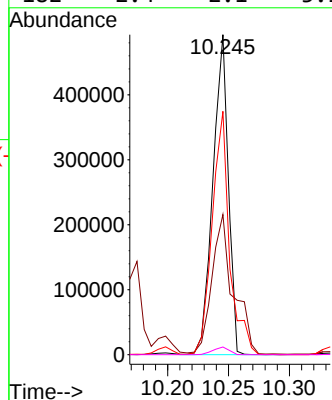
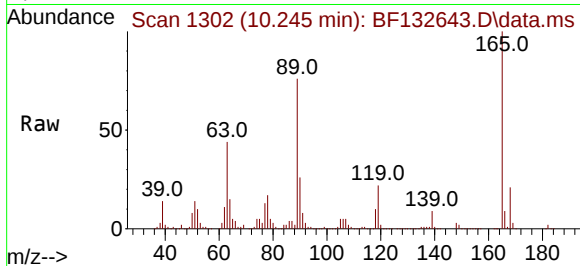




#57
2,4-Dinitrotoluene
Concen: 41.615 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

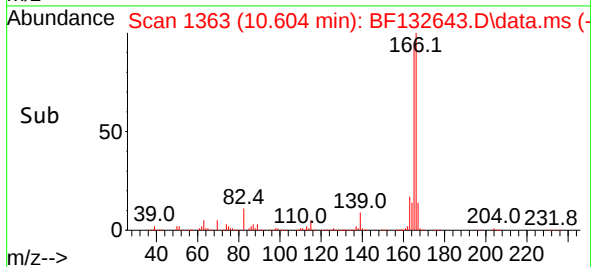
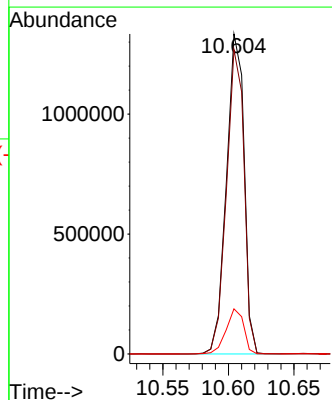
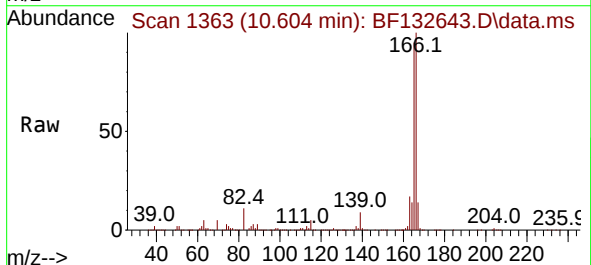
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

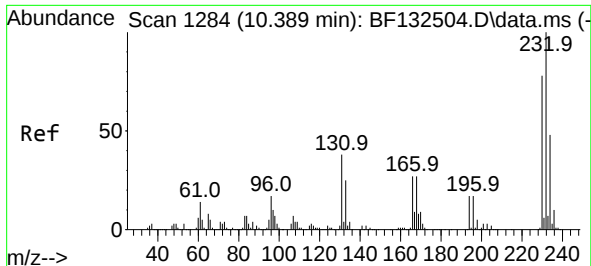
Tgt Ion:165 Resp: 435222
Ion Ratio Lower Upper
165 100
63 43.8 36.5 54.7
89 76.0 62.4 93.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 39.015 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:166 Resp: 1250794
Ion Ratio Lower Upper
166 100
165 95.1 74.2 111.4
167 14.1 11.1 16.7

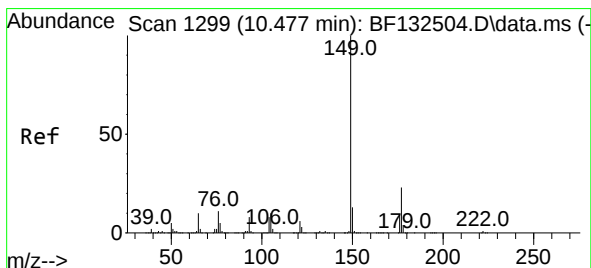
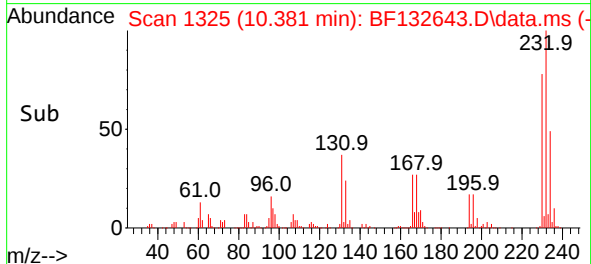
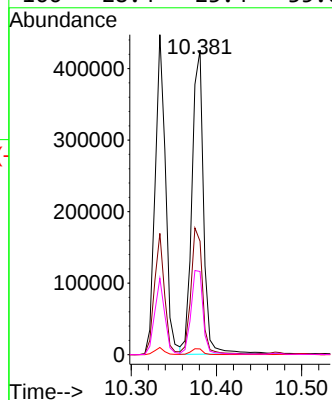
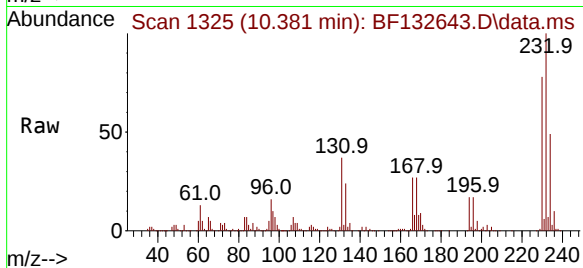




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.995 ng
RT: 10.381 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

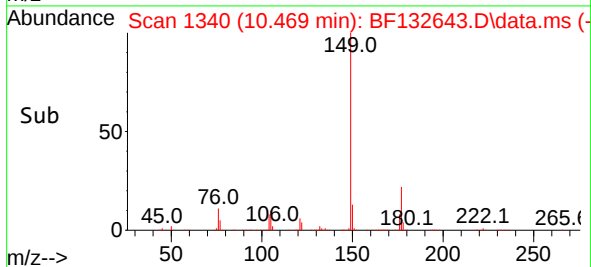
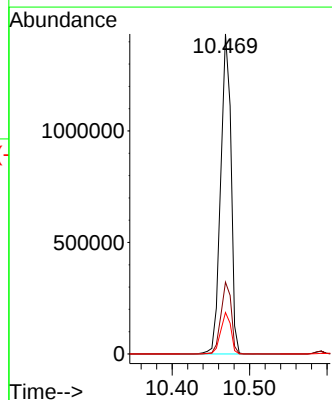
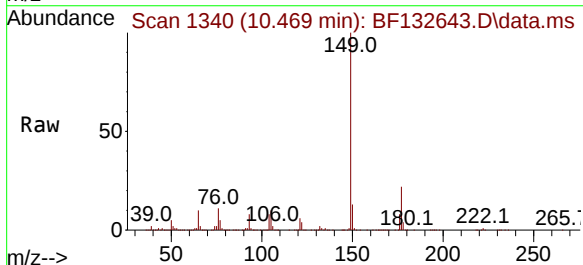
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

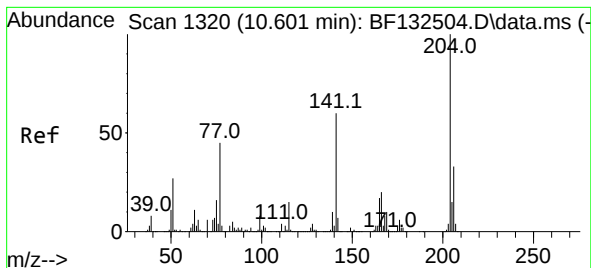
Tgt Ion:232 Resp: 400940
Ion Ratio Lower Upper
232 100
131 41.1 33.8 50.8
130 2.0 1.7 2.5
166 28.4 23.4 35.0



#60
Diethylphthalate
Concen: 39.326 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:149 Resp: 1325767
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 13.0 10.2 15.2

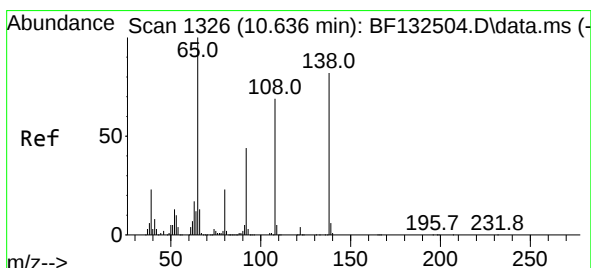
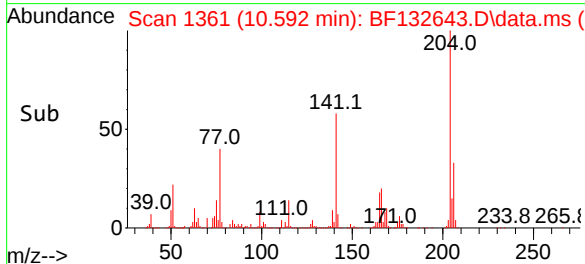
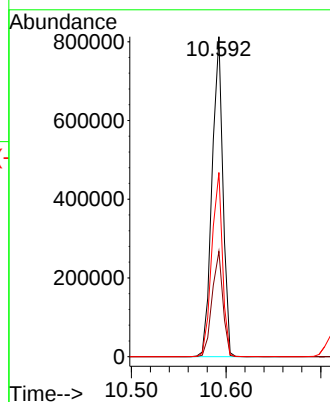
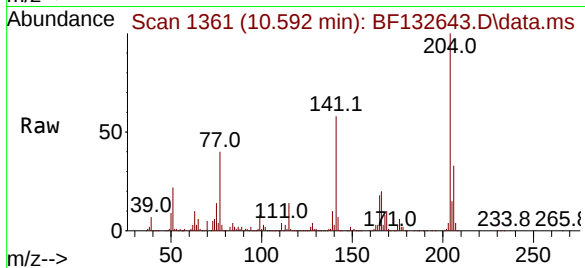




#61
4-Chlorophenyl-phenylether
Concen: 38.825 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

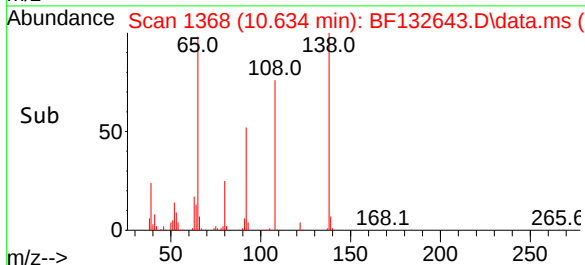
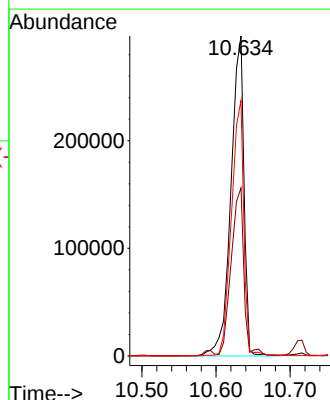
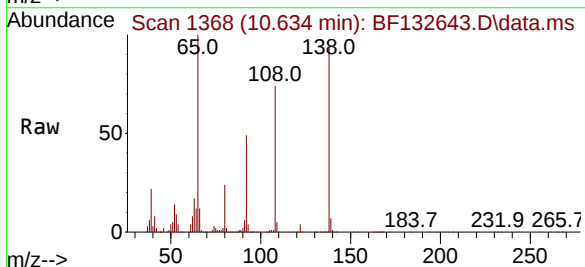
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

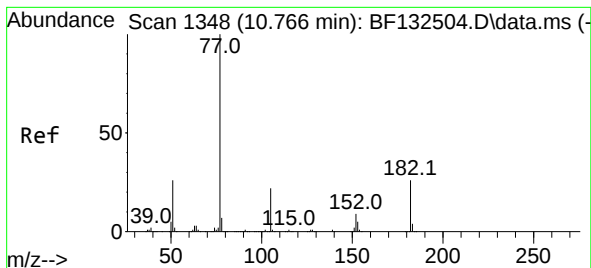
Tgt Ion:204 Resp: 645720
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 57.6 47.8 71.8



#62
4-Nitroaniline
Concen: 41.973 ng
RT: 10.634 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:138 Resp: 362311
Ion Ratio Lower Upper
138 100
92 52.6 33.8 73.8
108 79.8 63.7 103.7

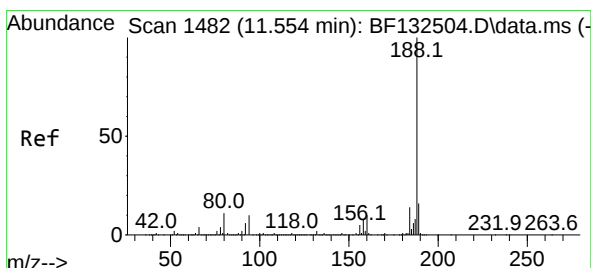
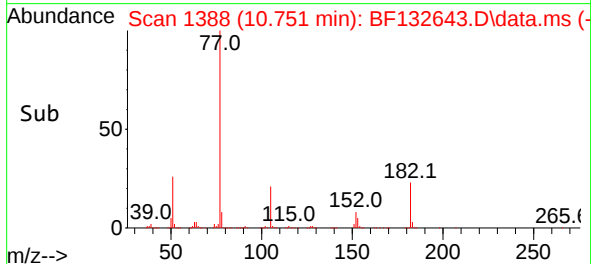
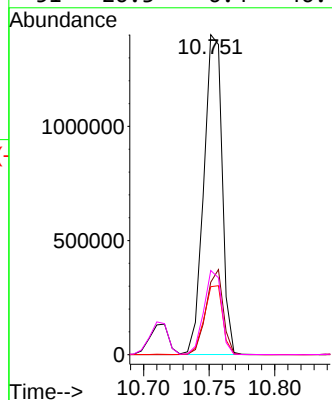
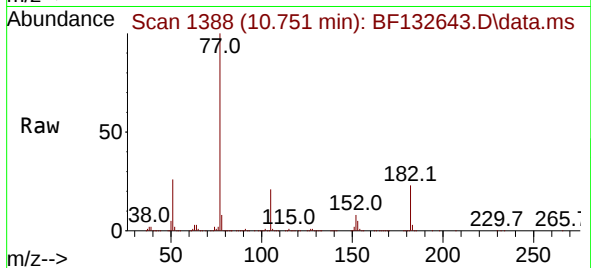




#63
Azobenzene
Concen: 38.242 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

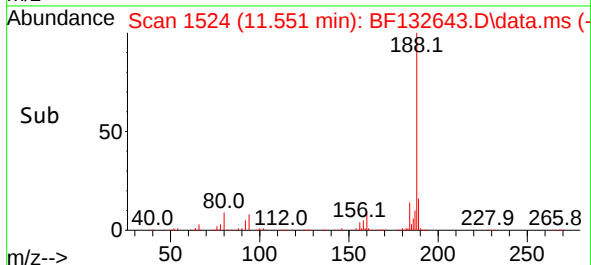
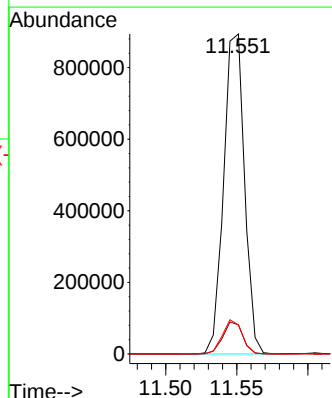
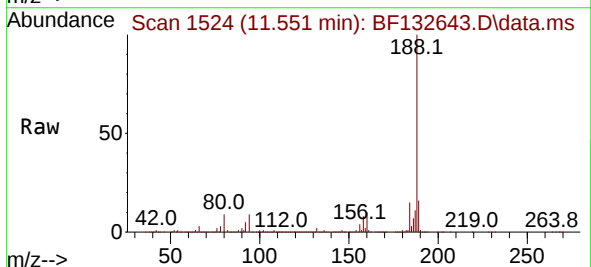
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

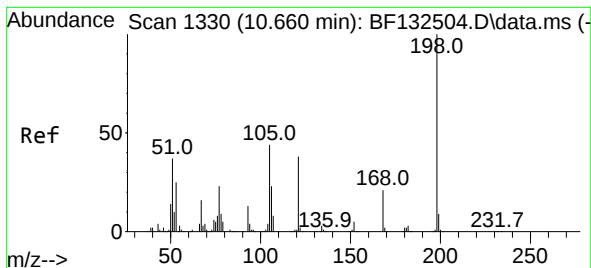
Tgt Ion: 77 Resp: 1365387
Ion Ratio Lower Upper
77 100
182 22.7 5.5 45.5
105 21.3 1.8 41.8
51 26.3 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 1524
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion: 188 Resp: 910761
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.0 8.7 13.1

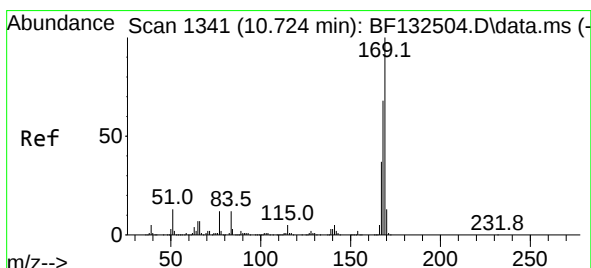
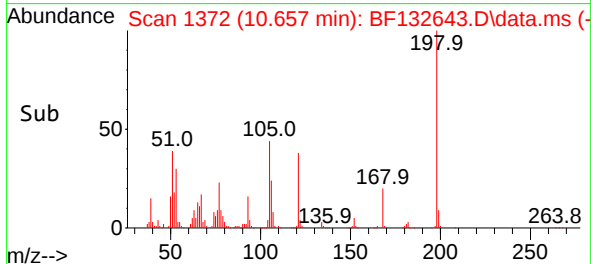
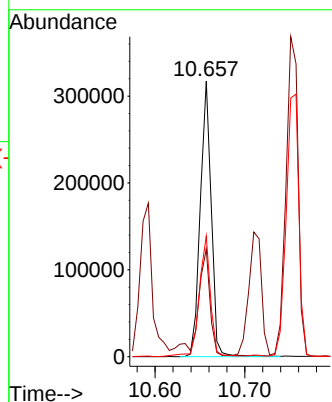
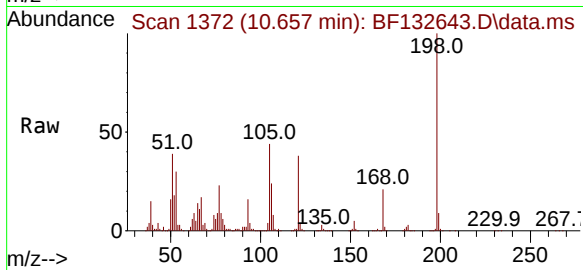




#65
4,6-Dinitro-2-methylphenol
Concen: 43.818 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

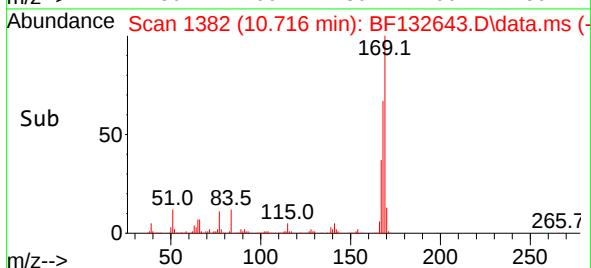
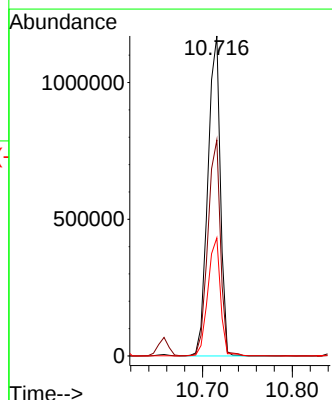
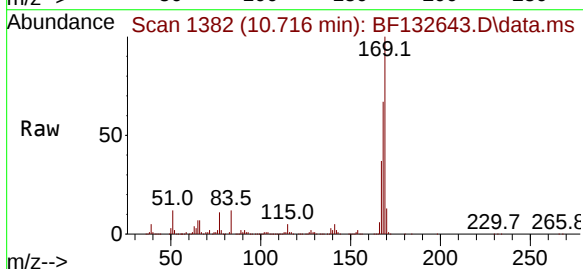
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

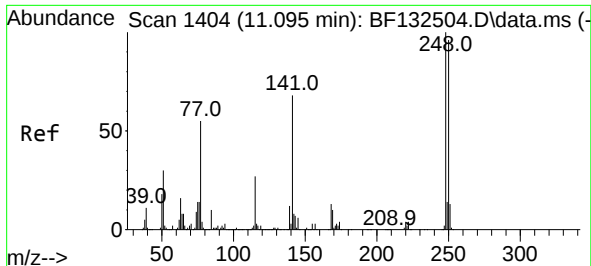
Tgt Ion:198 Resp: 270158
Ion Ratio Lower Upper
198 100
51 39.0 20.6 60.6
105 43.8 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.739 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:169 Resp: 1128320
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.4
167 36.9 29.6 44.4





#67

4-Bromophenyl-phenylether

Concen: 41.122 ng

RT: 11.086 min Scan# 1445

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

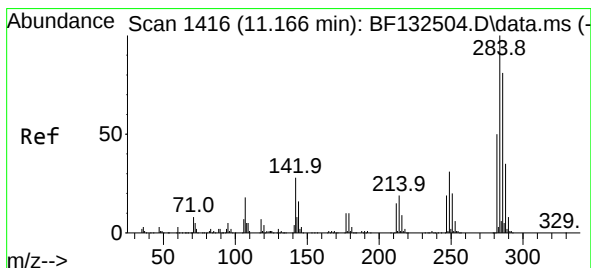
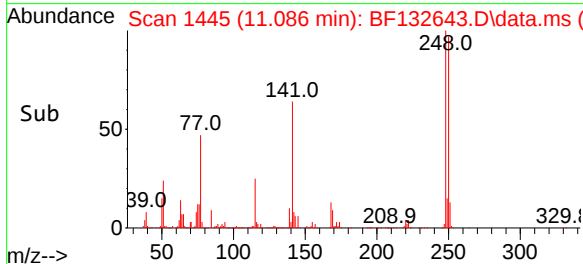
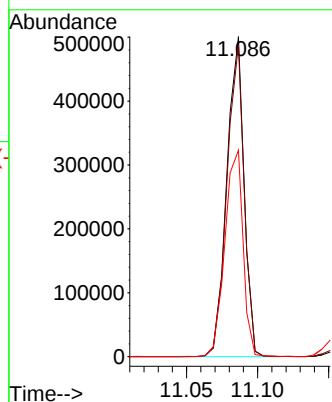
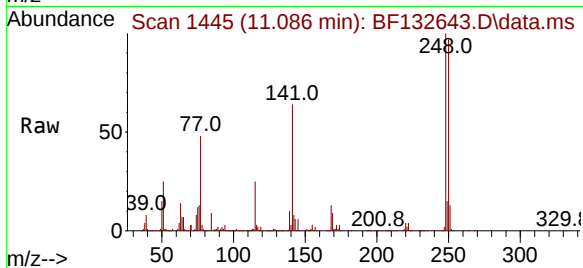
Tgt Ion:248 Resp: 423645

Ion Ratio Lower Upper

248 100

250 97.5 77.0 115.4

141 64.5 54.2 81.2



#68

Hexachlorobenzene

Concen: 43.796 ng

RT: 11.157 min Scan# 1457

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

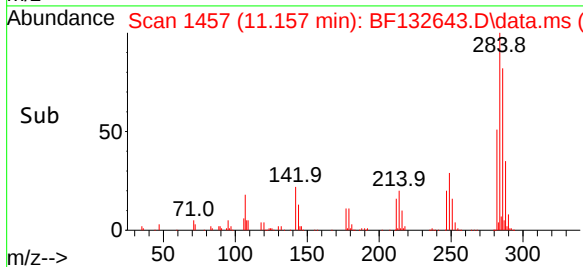
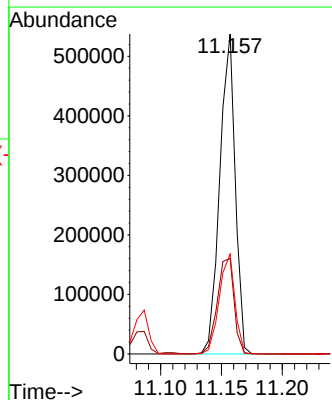
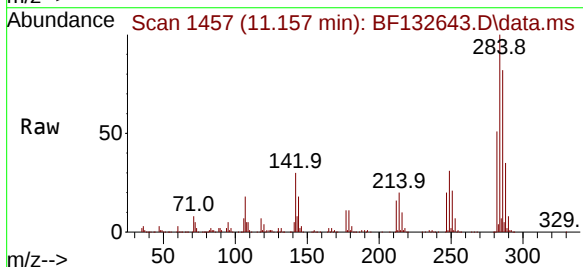
Tgt Ion:284 Resp: 474755

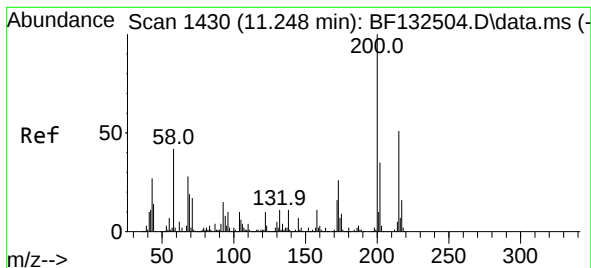
Ion Ratio Lower Upper

284 100

142 29.8 22.2 33.4

249 31.2 24.9 37.3





#69

Atrazine

Concen: 44.161 ng

RT: 11.239 min Scan# 1471

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

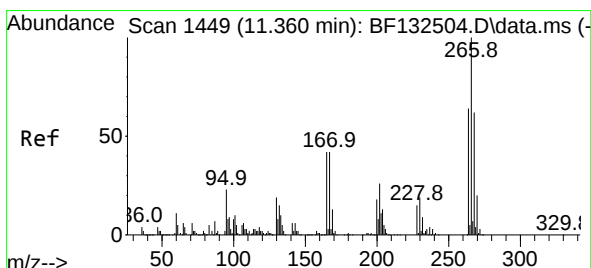
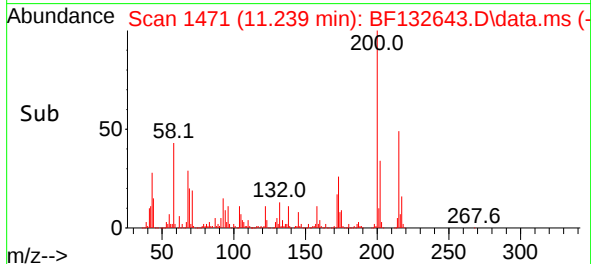
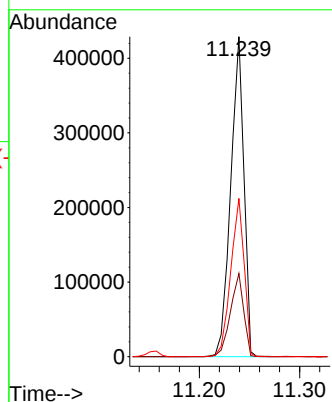
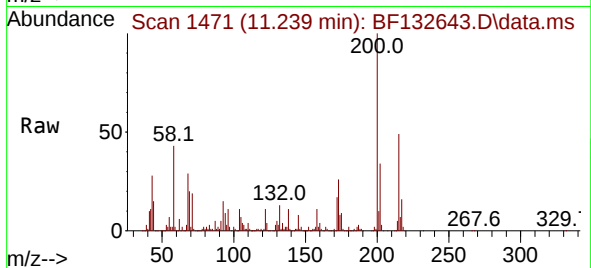
Tgt Ion:200 Resp: 391455

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 49.4 31.0 71.0



#70

Pentachlorophenol

Concen: 78.614 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

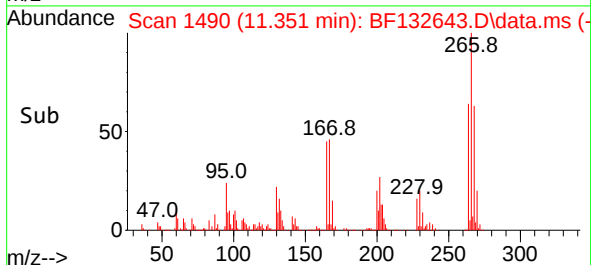
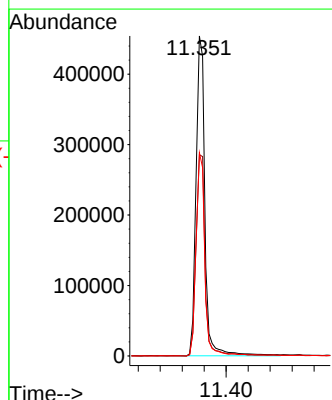
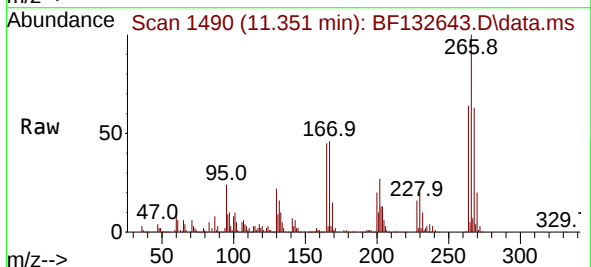
Tgt Ion:266 Resp: 507026

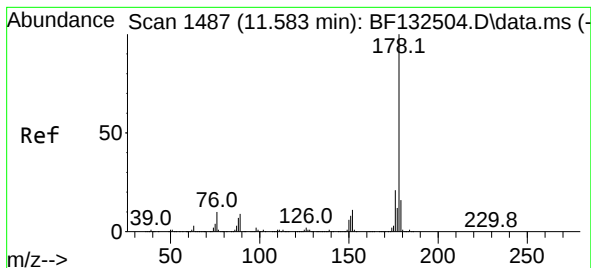
Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.6

264 63.5 50.9 76.3





#71

Phenanthrene

Concen: 39.895 ng

RT: 11.575 min Scan# 1528

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

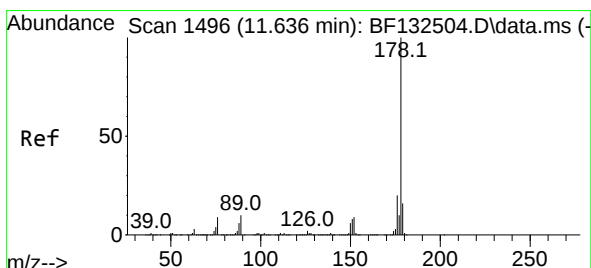
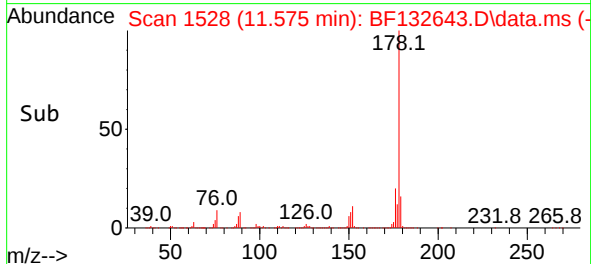
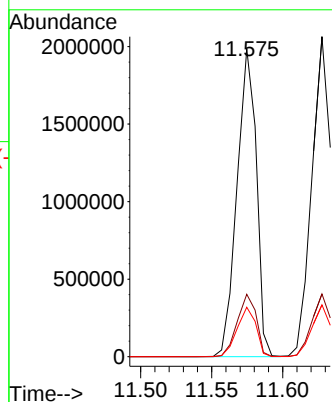
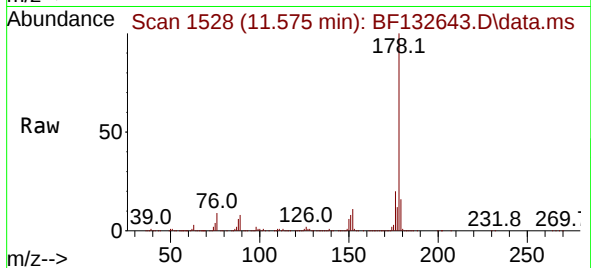
Tgt Ion:178 Resp: 1882303

Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

179 16.1 13.0 19.6



#72

Anthracene

Concen: 39.308 ng

RT: 11.628 min Scan# 1537

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

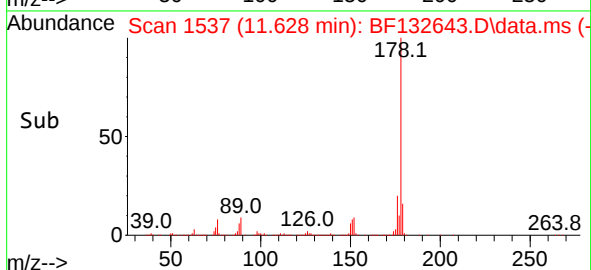
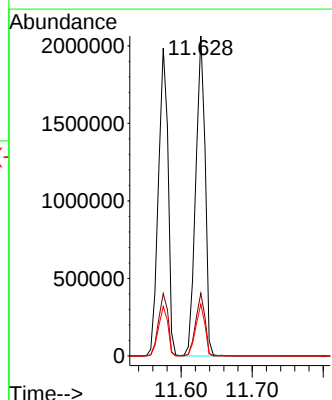
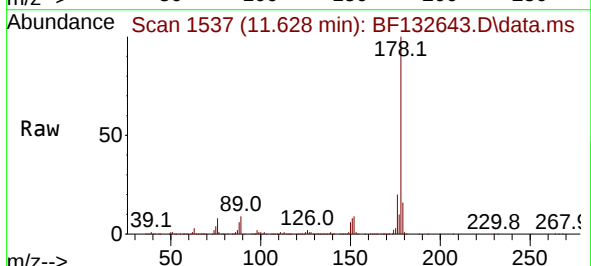
Tgt Ion:178 Resp: 1909835

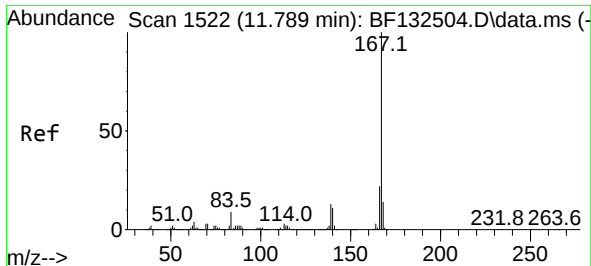
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 16.2 12.5 18.7

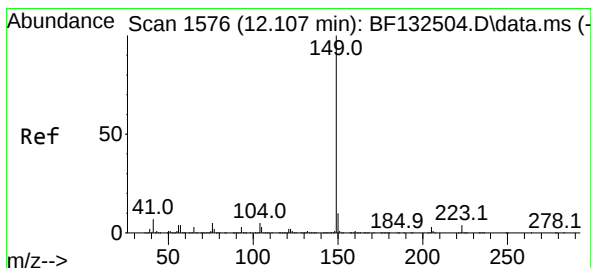
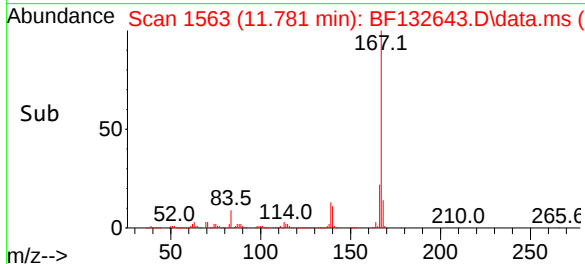
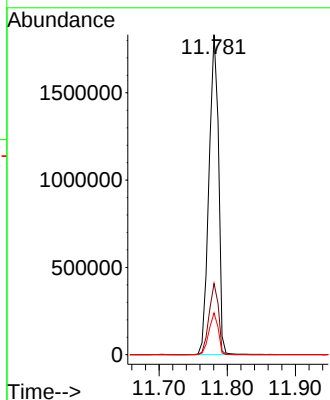
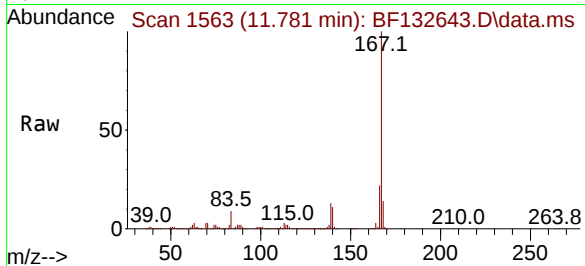




#73
 Carbazole
 Concen: 40.884 ng
 RT: 11.781 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

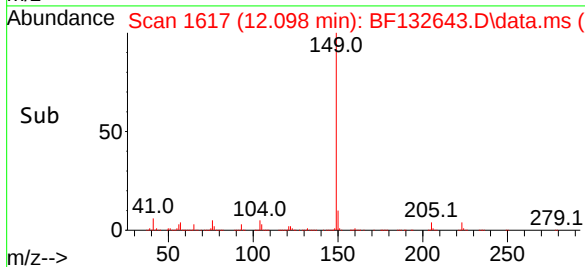
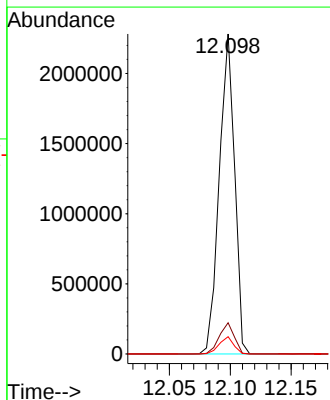
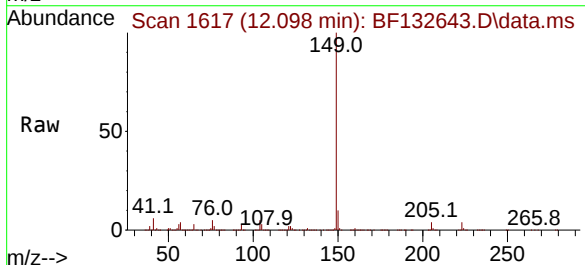
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BSD

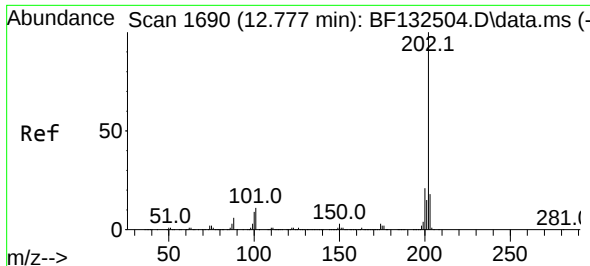
Tgt Ion:167 Resp: 1790953
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 38.911 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

Tgt Ion:149 Resp: 1999428
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.4 4.3 6.5

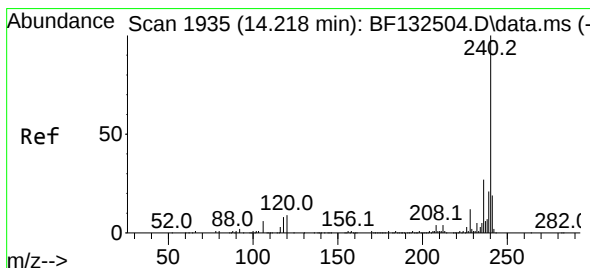
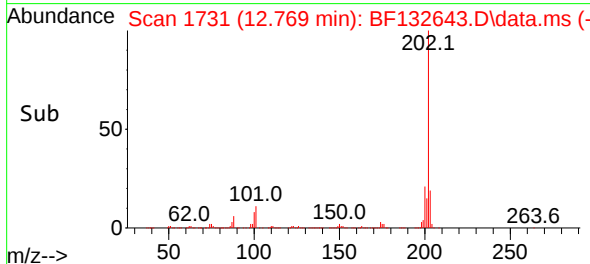
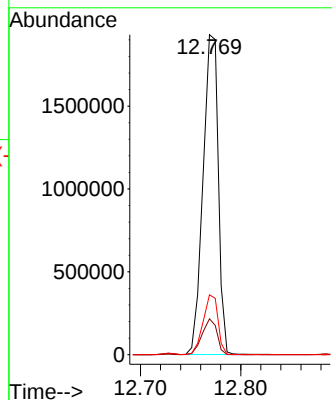
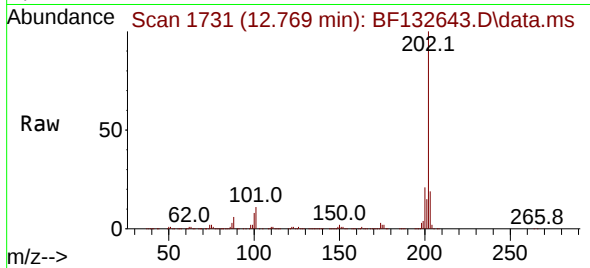




#75
Fluoranthene
Concen: 39.815 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

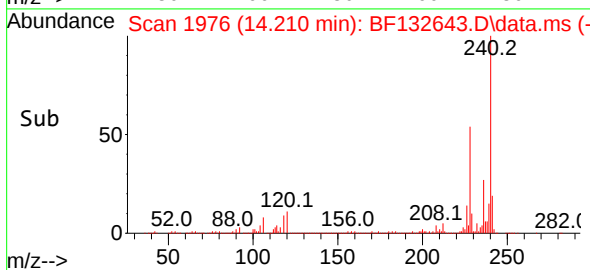
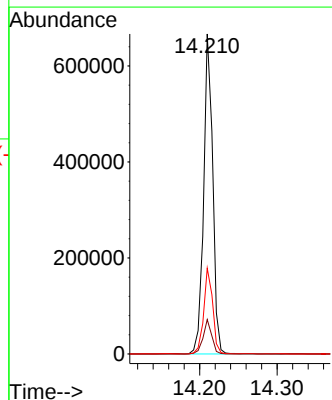
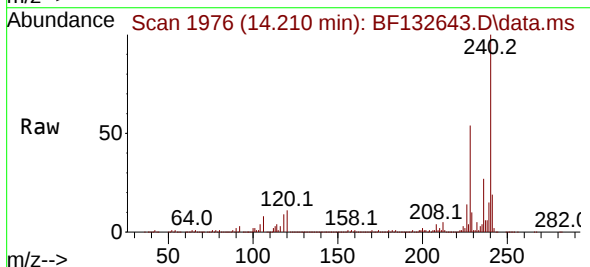
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

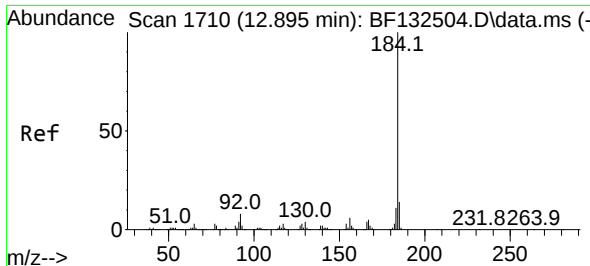
Tgt Ion:202 Resp: 2053642
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:240 Resp: 542266
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.8 21.8 32.6

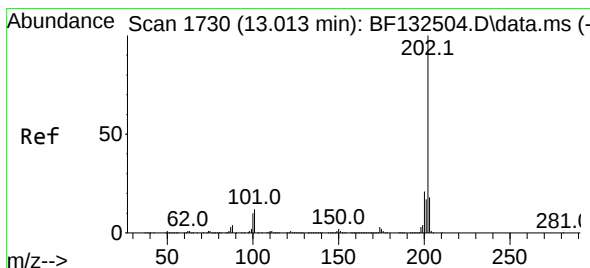
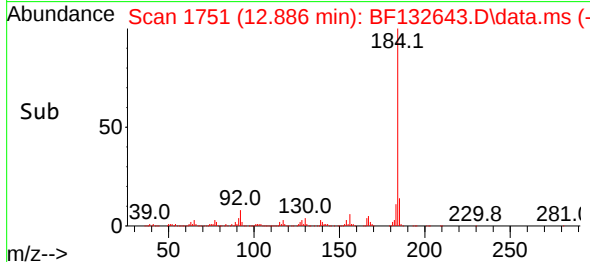
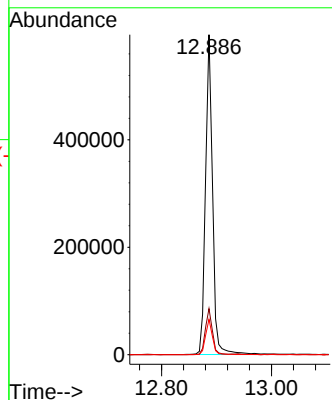
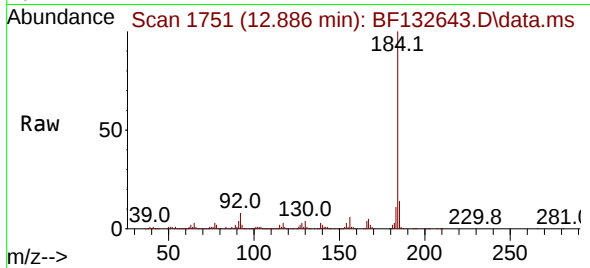




#77
Benzidine
Concen: 40.440 ng
RT: 12.886 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

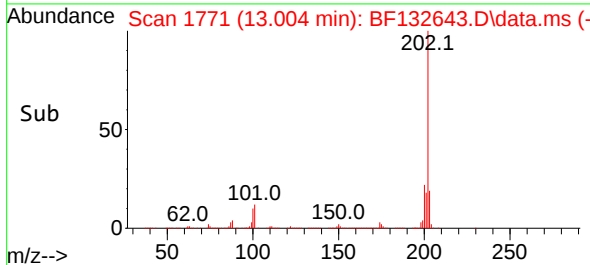
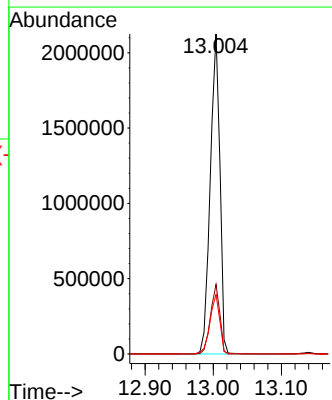
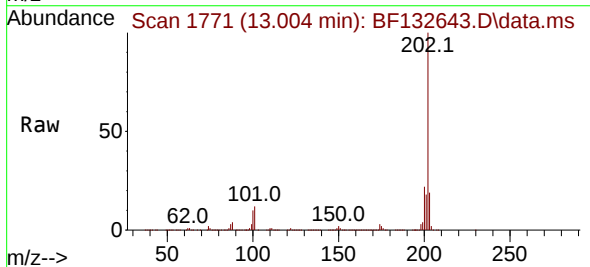
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

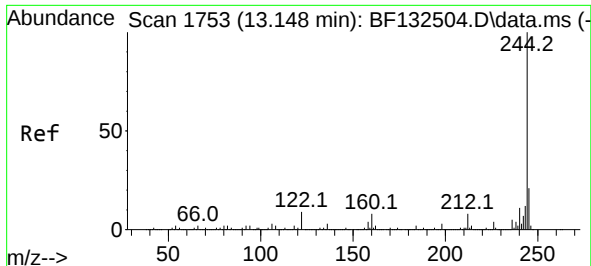
Tgt Ion:184 Resp: 533818
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.7 13.1



#78
Pyrene
Concen: 42.151 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:202 Resp: 2078095
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.6 14.6 21.8

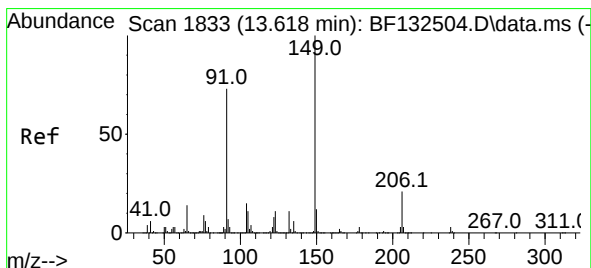
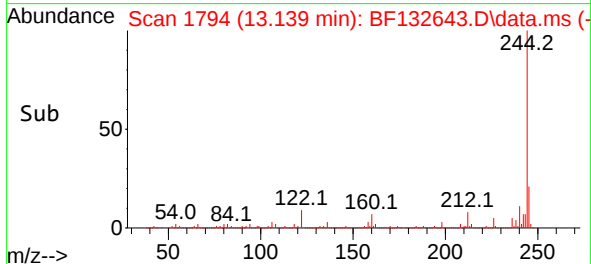
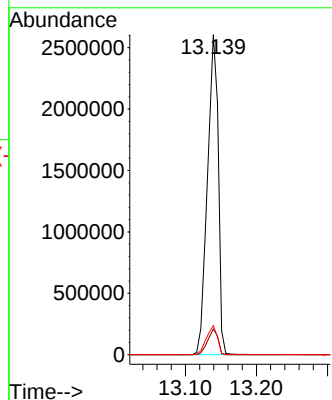
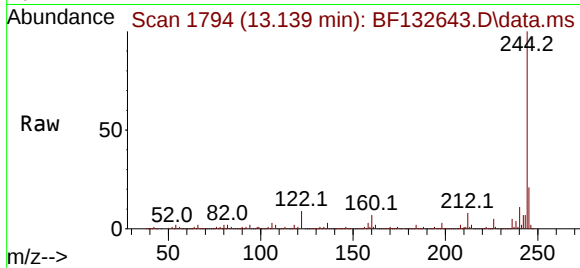




#79
 Terphenyl-d14
 Concen: 86.318 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

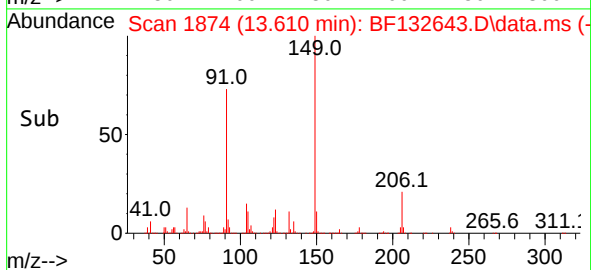
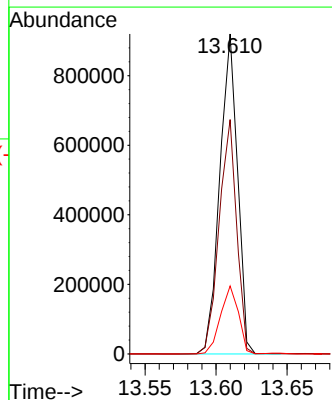
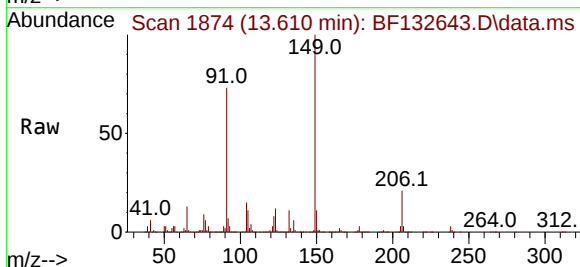
Instrument :
 BNA_F
 ClientSampleId :
 PB151188BSD

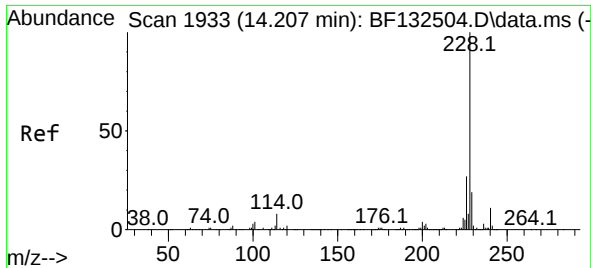
Tgt Ion:244 Resp: 2768445
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.1 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 41.013 ng
 RT: 13.610 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: BF132643.D
 Acq: 06 Mar 2023 11:27

Tgt Ion:149 Resp: 797928
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.4 87.6
 206 21.3 16.8 25.2

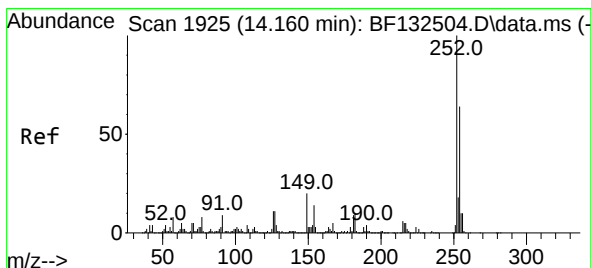
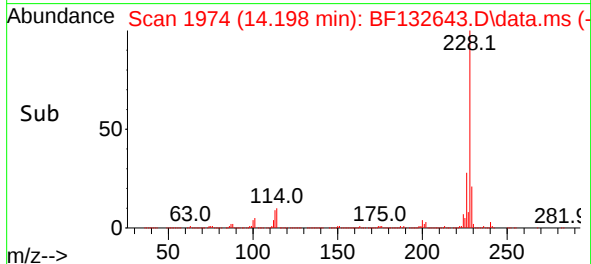
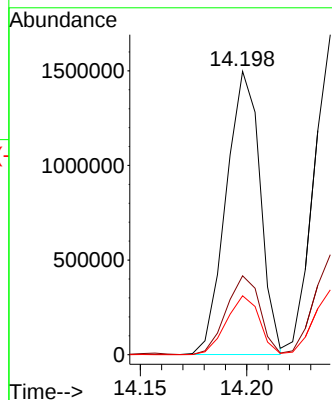
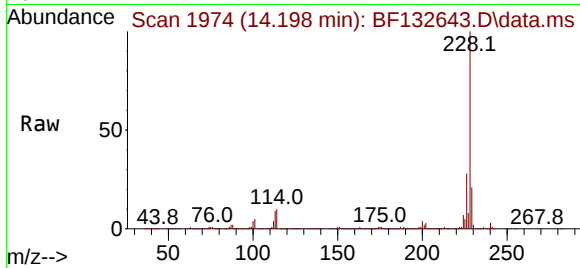




#81
Benzo(a)anthracene
Concen: 41.079 ng
RT: 14.198 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

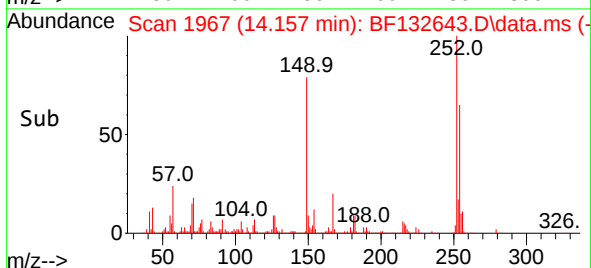
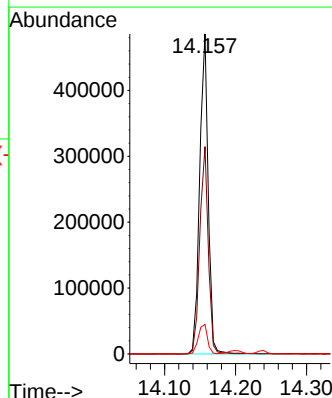
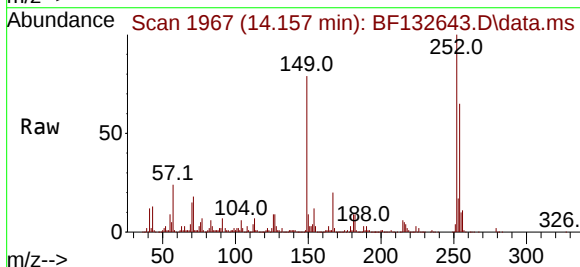
Instrument :
BNA_F
ClientSampleId :
PB151188BSD

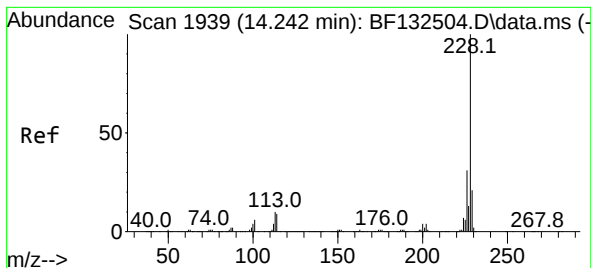
Tgt Ion:228 Resp: 1666731
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.946 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:252 Resp: 406057
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 9.3 8.9 13.3





#83

Chrysene

Concen: 40.430 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

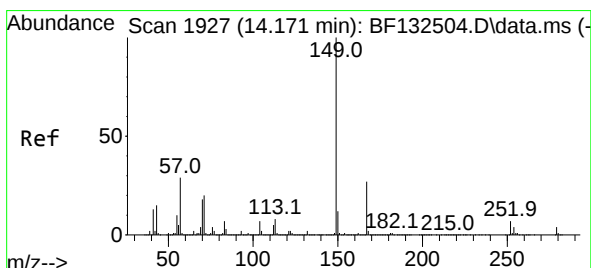
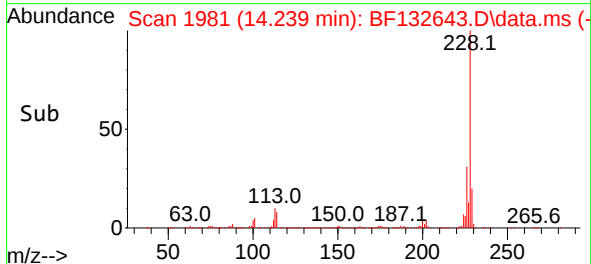
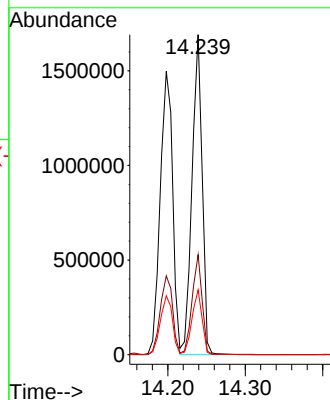
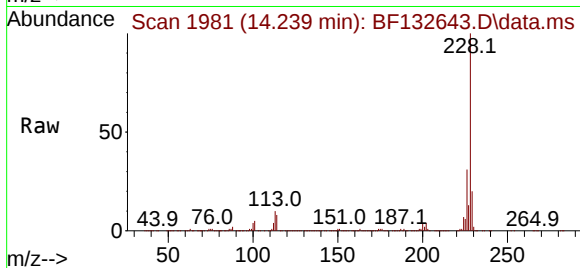
Tgt Ion:228 Resp: 1533958

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 20.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.496 ng

RT: 14.163 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

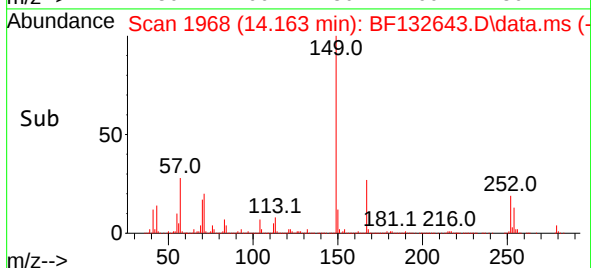
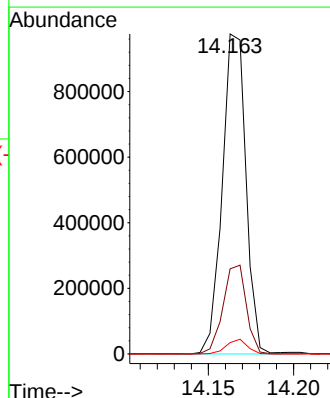
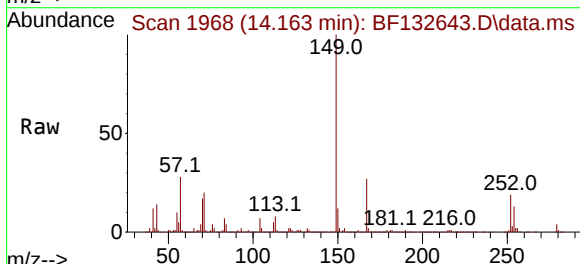
Tgt Ion:149 Resp: 943951

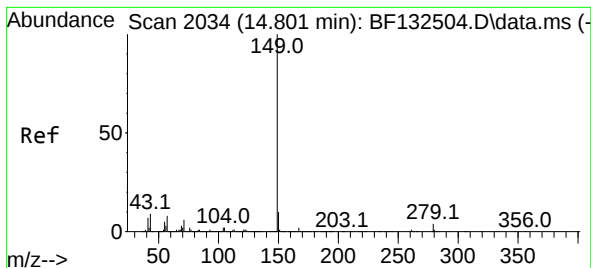
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

279 3.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.069 ng

RT: 14.792 min Scan# 20

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

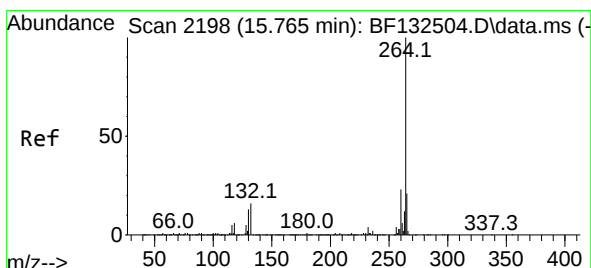
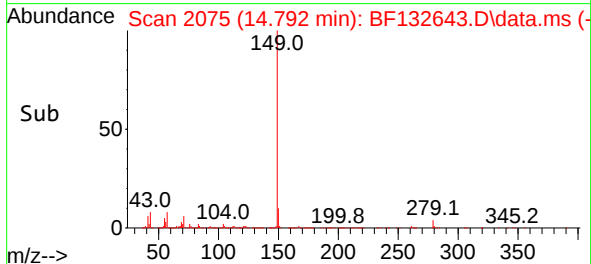
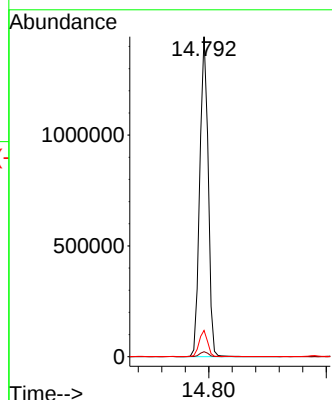
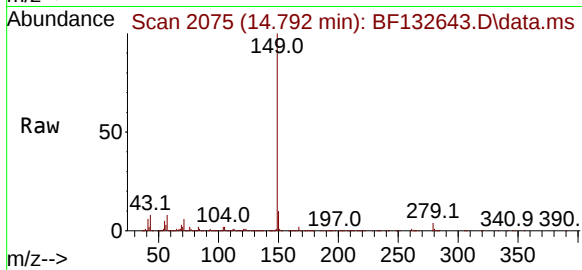
Tgt Ion:149 Resp: 1434323

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.763 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

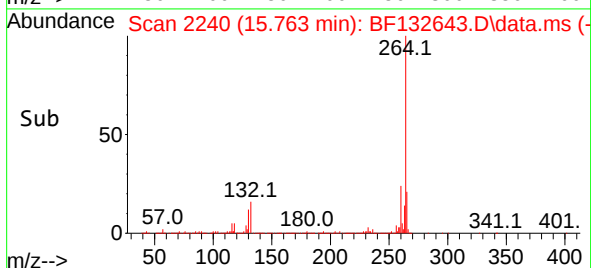
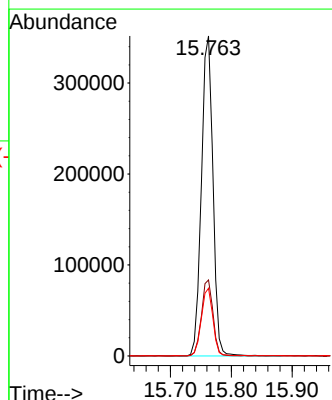
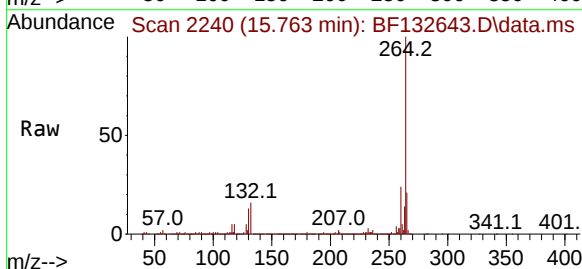
Tgt Ion:264 Resp: 463521

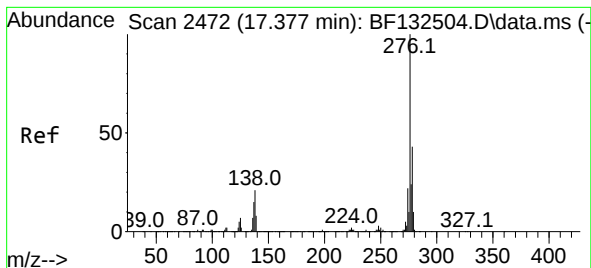
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.602 ng

RT: 17.374 min Scan# 2161

Delta R.T. 0.015 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

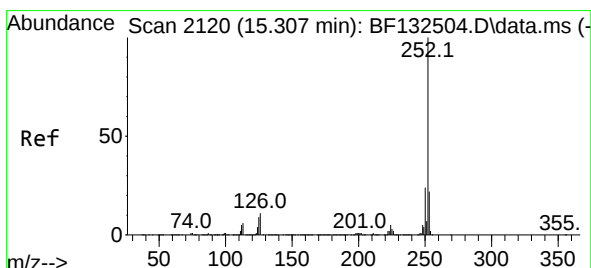
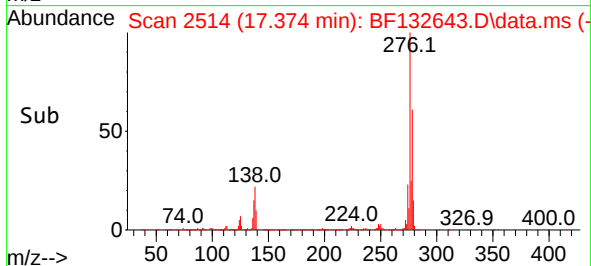
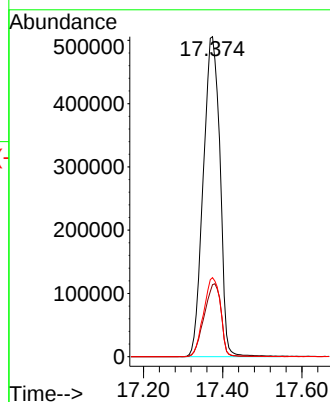
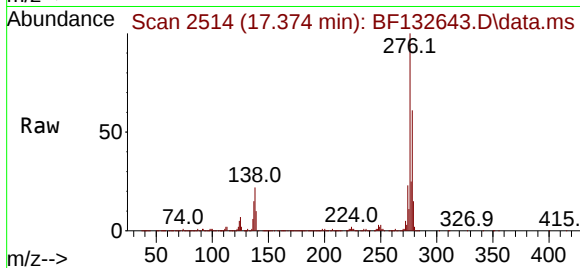
Tgt Ion:276 Resp: 1476150

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.220 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

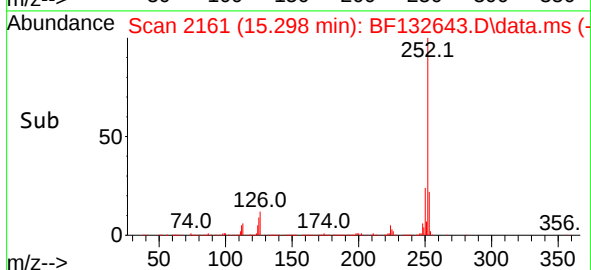
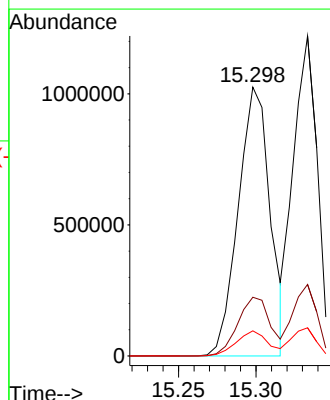
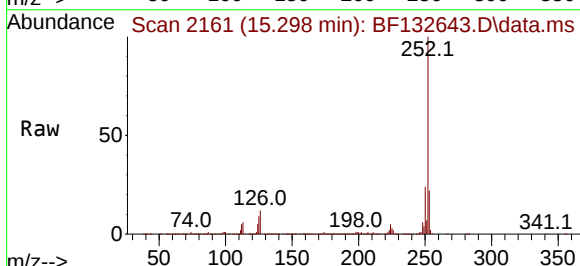
Tgt Ion:252 Resp: 1466792

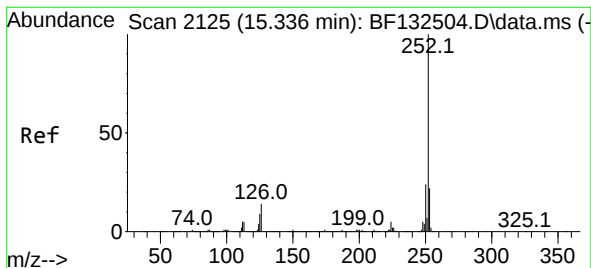
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.554 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB151188BSD

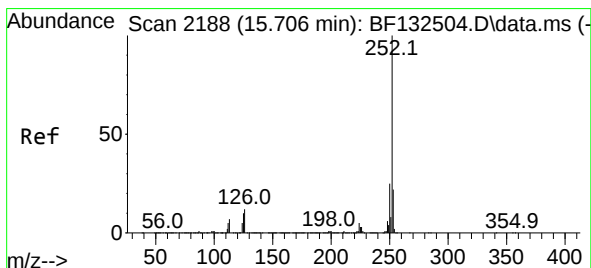
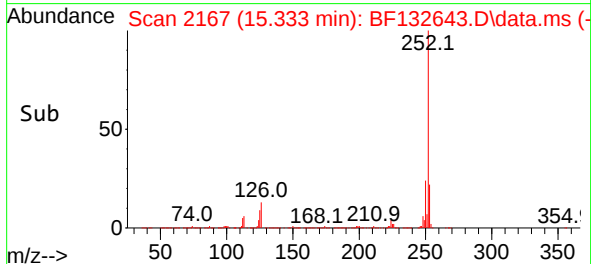
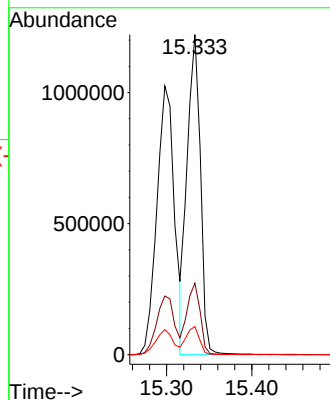
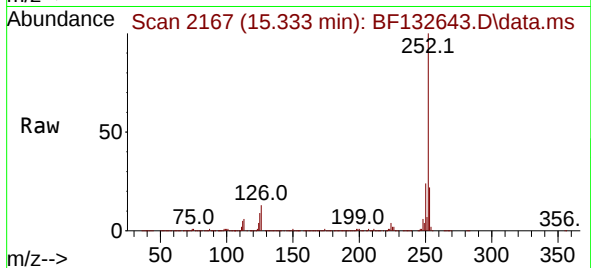
Tgt Ion:252 Resp: 1324088

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 42.334 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.009 min

Lab File: BF132643.D

Acq: 06 Mar 2023 11:27

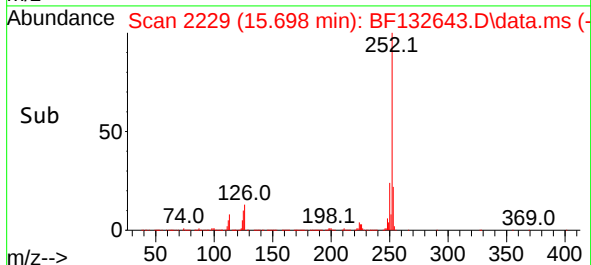
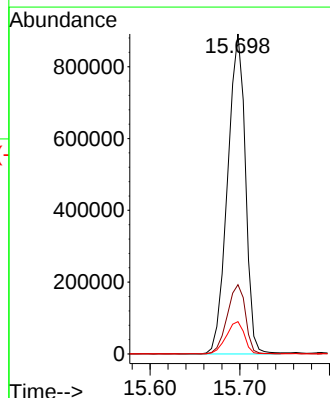
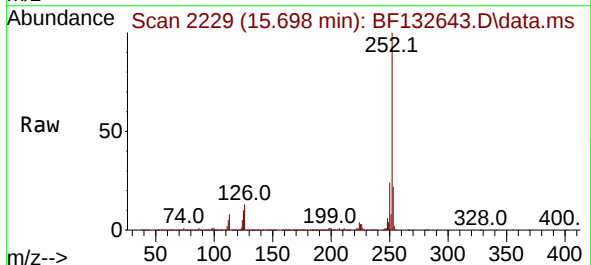
Tgt Ion:252 Resp: 1230760

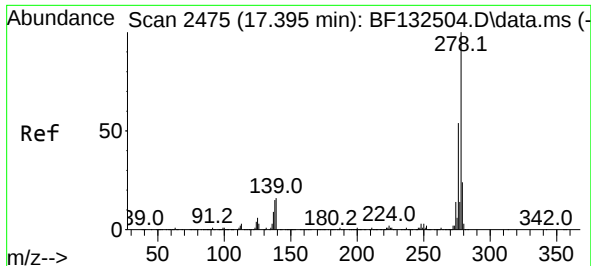
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.1 8.0 12.0

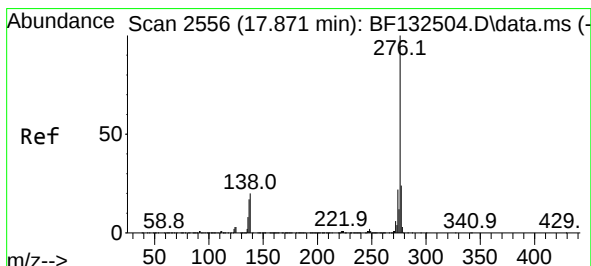
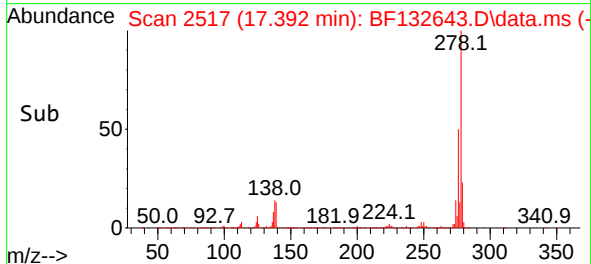
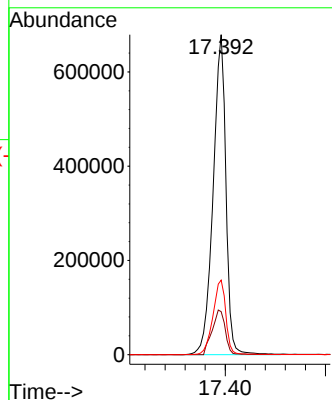
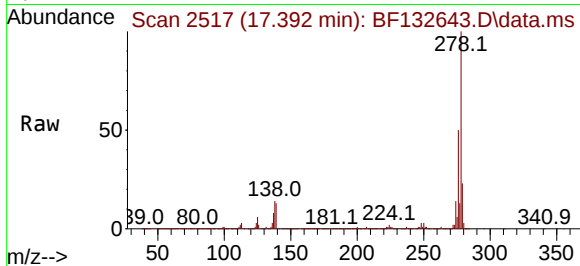




#91
Dibenzo(a,h)anthracene
Concen: 48.519 ng
RT: 17.392 min Scan# 21
Delta R.T. 0.015 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB151188BSD

Tgt Ion:278 Resp: 1200652
Ion Ratio Lower Upper
278 100
139 13.5 13.0 19.4
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.673 ng
RT: 17.868 min Scan# 2598
Delta R.T. 0.015 min
Lab File: BF132643.D
Acq: 06 Mar 2023 11:27

Tgt Ion:276 Resp: 1275013
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 20.3 16.2 24.4

