

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132991.D
 Acq On : 24 Apr 2023 12:58
 Operator : CG\JU
 Sample : PB152338BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BSD

Quant Time: Apr 24 13:39:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	190513	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	794367	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	401045	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	699300	20.000	ng	0.00
76) Chrysene-d12	13.910	240	497399	20.000	ng	0.00
86) Perylene-d12	15.327	264	511334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1120476	88.844	ng	0.01
7) Phenol-d6	6.386	99	1367818	87.380	ng	0.00
23) Nitrobenzene-d5	7.316	82	1210807	82.274	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	329827	81.776	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2003588	83.582	ng	0.00
79) Terphenyl-d14	12.857	244	2323212	80.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	225912	38.619	ng	99
3) Pyridine	3.204	79	584621	37.628	ng	98
4) n-Nitrosodimethylamine	3.157	42	341483	42.433	ng	99
6) Aniline	6.410	93	677513	33.604	ng	100
8) 2-Chlorophenol	6.534	128	596094	46.552	ng	96
9) Benzaldehyde	6.292	77	351871	55.501	ng	99
10) Phenol	6.398	94	762266	44.141	ng	88
11) bis(2-Chloroethyl)ether	6.481	93	568909	43.902	ng	98
12) 1,3-Dichlorobenzene	6.686	146	619943	45.537	ng	100
13) 1,4-Dichlorobenzene	6.763	146	618560	45.335	ng	99
14) 1,2-Dichlorobenzene	6.916	146	595693	47.356	ng	96
15) Benzyl Alcohol	6.892	79	496024	45.873	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	980972	43.584	ng	99
17) 2-Methylphenol	7.010	107	493111	42.056	ng	99
18) Hexachloroethane	7.263	117	216440	45.627	ng	97
19) n-Nitroso-di-n-propyla...	7.169	70	399261	40.970	ng	100
20) 3+4-Methylphenols	7.163	107	586521	42.476	ng	96
22) Acetophenone	7.157	105	790674	42.969	ng	# 98
24) Nitrobenzene	7.333	77	613041	41.108	ng	97
25) Isophorone	7.575	82	1129639	40.428	ng	98
26) 2-Nitrophenol	7.651	139	328241	45.634	ng	95
27) 2,4-Dimethylphenol	7.692	122	543632	44.076	ng	99
28) bis(2-Chloroethoxy)met...	7.786	93	681496	41.227	ng	99
29) 2,4-Dichlorophenol	7.892	162	480036	42.753	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	500080	42.991	ng	98
31) Naphthalene	8.057	128	1651454	41.582	ng	99
32) Benzoic acid	7.816	122	385114	50.549	ng	98
33) 4-Chloroaniline	8.104	127	236198	14.719	ng	99
34) Hexachlorobutadiene	8.175	225	267477	41.488	ng	98
35) Caprolactam	8.480	113	118106	31.312	ng	90
36) 4-Chloro-3-methylphenol	8.592	107	521735	43.090	ng	98
37) 2-Methylnaphthalene	8.745	142	1075693	39.616	ng	100
38) 1-Methylnaphthalene	8.845	142	1009528	39.744	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	431432	40.011	ng	98
41) Hexachlorocyclopentadiene	8.904	237	599092	95.265	ng	100
43) 2,4,6-Trichlorophenol	9.027	196	316351	42.422	ng	100

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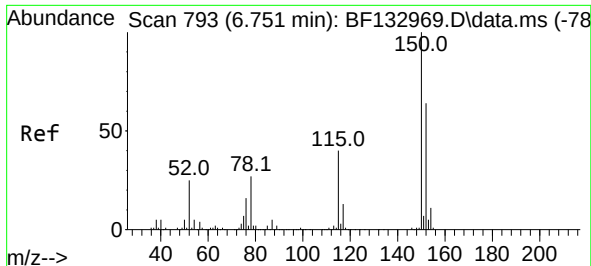
Quant Time: Apr 24 13:39:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	341289	39.572	ng	98
46) 1,1'-Biphenyl	9.210	154	1313990	41.319	ng	99
47) 2-Chloronaphthalene	9.233	162	986887	42.399	ng	98
48) 2-Nitroaniline	9.327	65	325332	42.291	ng	91
49) Acenaphthylene	9.651	152	1526731	41.050	ng	99
50) Dimethylphthalate	9.516	163	1130058	40.411	ng	99
51) 2,6-Dinitrotoluene	9.569	165	264385	42.006	ng	99
52) Acenaphthene	9.822	154	1006682	40.414	ng	99
53) 3-Nitroaniline	9.739	138	193092	25.802	ng	99
54) 2,4-Dinitrophenol	9.845	184	305602	96.597	ng	97
55) Dibenzofuran	9.992	168	1383470	40.716	ng	98
56) 4-Nitrophenol	9.910	139	524317	90.458	ng	98
57) 2,4-Dinitrotoluene	9.974	165	350286	43.641	ng	98
58) Fluorene	10.333	166	1021717	41.042	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	285865	42.755	ng	99
60) Diethylphthalate	10.216	149	1073557	40.644	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	474875	39.144	ng	94
62) 4-Nitroaniline	10.357	138	299603	43.558	ng	98
63) Azobenzene	10.486	77	1116910	39.916	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	198847	46.913	ng	80
66) n-Nitrosodiphenylamine	10.445	169	930172	41.007	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	305722	40.310	ng	94
68) Hexachlorobenzene	10.886	284	338193	43.517	ng	94
69) Atrazine	10.980	200	315464	48.265	ng	99
70) Pentachlorophenol	11.074	266	427562	77.249	ng	98
71) Phenanthrene	11.292	178	1560957	41.531	ng	99
72) Anthracene	11.345	178	1615981	42.012	ng	99
73) Carbazole	11.498	167	1493219	43.598	ng	99
74) Di-n-butylphthalate	11.839	149	1660463	42.841	ng	99
75) Fluoranthene	12.480	202	1607062	42.604	ng	99
77) Benzidine	12.604	184	909021	108.072	ng	# 93
78) Pyrene	12.710	202	1652170	38.748	ng	99
80) Butylbenzylphthalate	13.333	149	689537	45.673	ng	94
81) Benzo(a)anthracene	13.898	228	1435789	41.977	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	318520	33.709	ng	99
83) Chrysene	13.933	228	1406379	41.127	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	832950	43.956	ng	99
85) Di-n-octyl phthalate	14.509	149	1656076	53.597	ng	99
87) Indeno(1,2,3-cd)pyrene	16.721	276	1351984	46.483	ng	100
88) Benzo(b)fluoranthene	14.927	252	1461794	44.936	ng	99
89) Benzo(k)fluoranthene	14.957	252	1313595	40.735	ng	99
90) Benzo(a)pyrene	15.274	252	1184816	40.015	ng	100
91) Dibenzo(a,h)anthracene	16.739	278	1127716	46.487	ng	99
92) Benzo(g,h,i)perylene	17.139	276	1110790	46.380	ng	99

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

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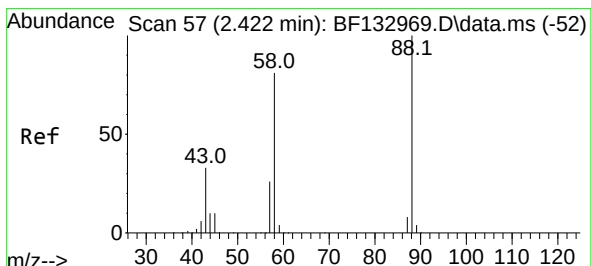
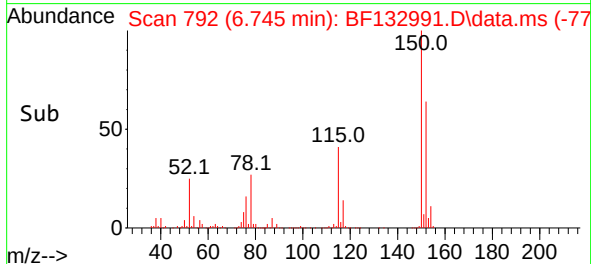
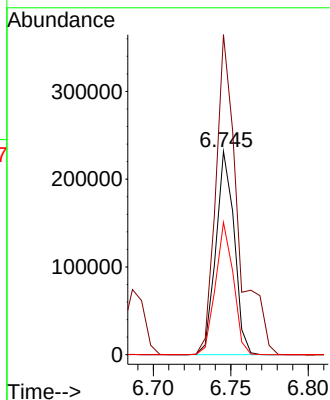
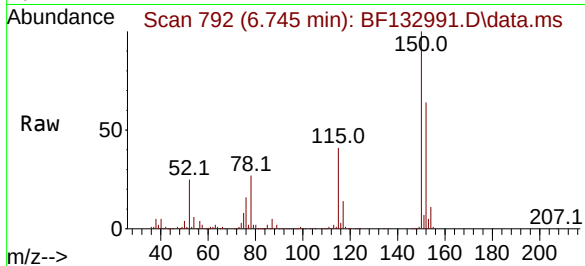




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132991.D
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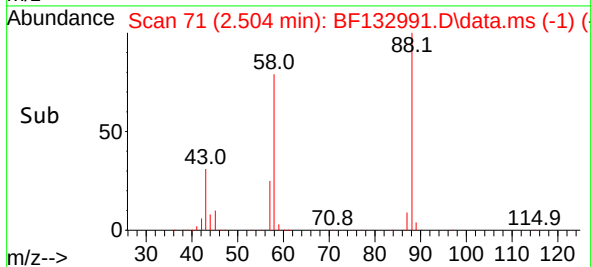
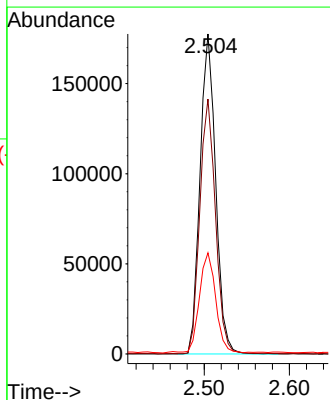
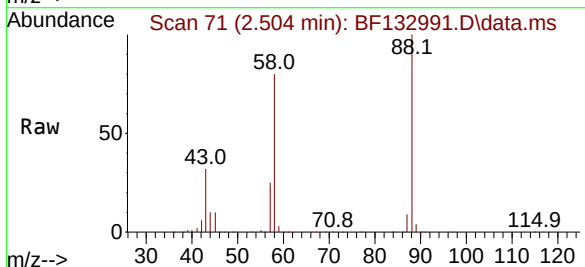
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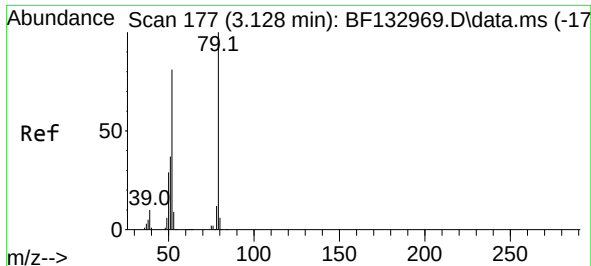
Tgt Ion:152 Resp: 190513
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.8 187.2
 115 65.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.619 ng
 RT: 2.504 min Scan# 71
 Delta R.T. 0.082 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

Tgt Ion: 88 Resp: 225912
 Ion Ratio Lower Upper
 88 100
 58 80.5 64.7 97.1
 43 32.0 26.2 39.2

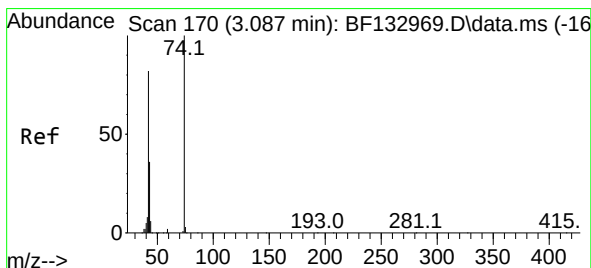
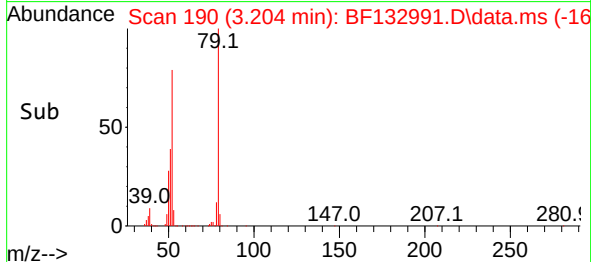
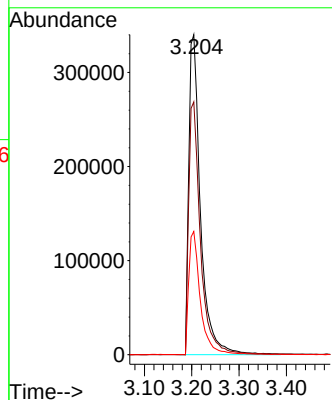
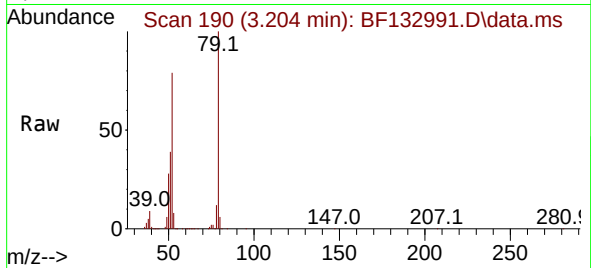




#3
 Pyridine
 Concen: 37.628 ng
 RT: 3.204 min Scan# 181
 Delta R.T. 0.076 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

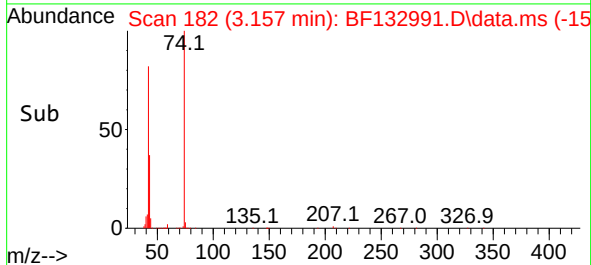
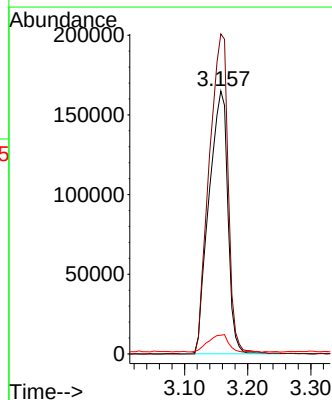
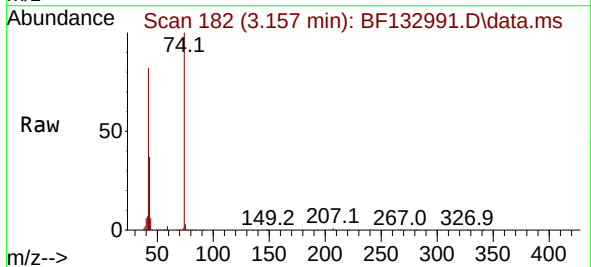
Instrument :
 BNA_F
 ClientSampleId :
 PB152338BSD

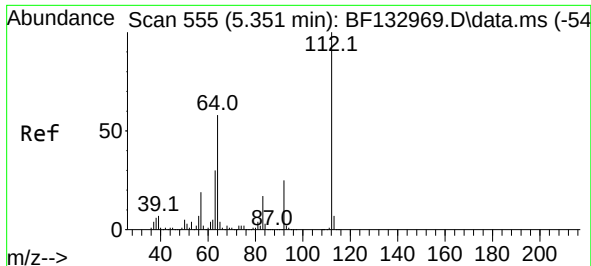
Tgt Ion: 79 Resp: 584621
 Ion Ratio Lower Upper
 79 100
 52 79.0 64.6 96.8
 51 38.5 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 42.433 ng
 RT: 3.157 min Scan# 182
 Delta R.T. 0.070 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

Tgt Ion: 42 Resp: 341483
 Ion Ratio Lower Upper
 42 100
 74 121.7 98.0 147.0
 44 7.1 5.8 8.8

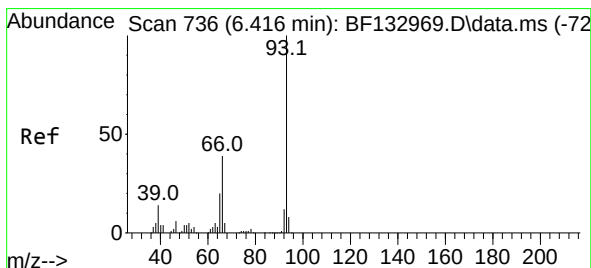
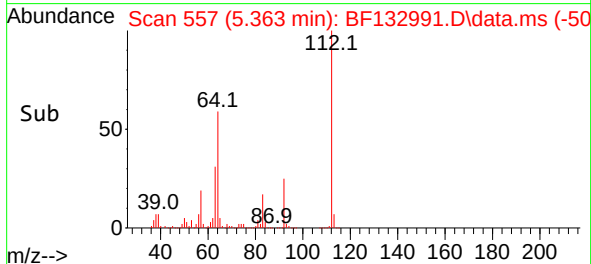
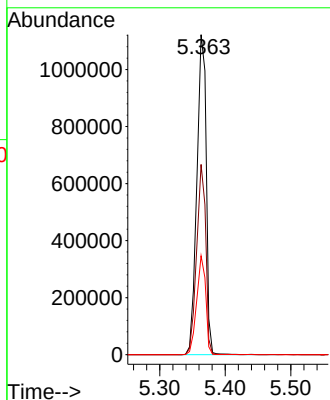
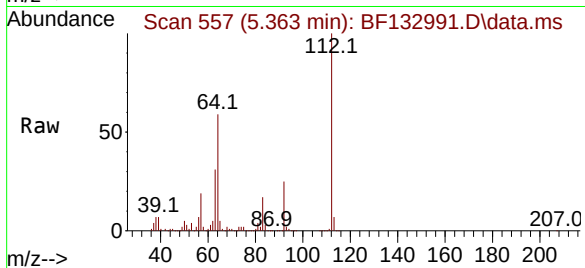




#5
2-Fluorophenol
Concen: 88.844 ng
RT: 5.363 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

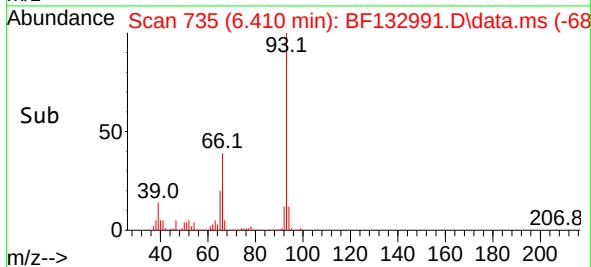
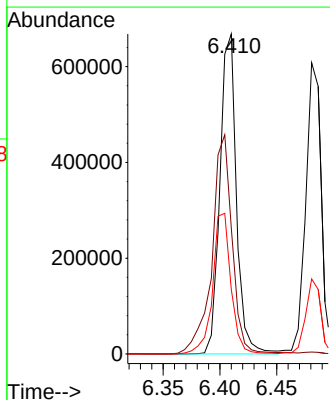
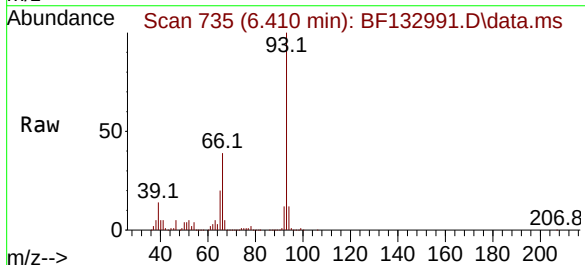
Instrument :
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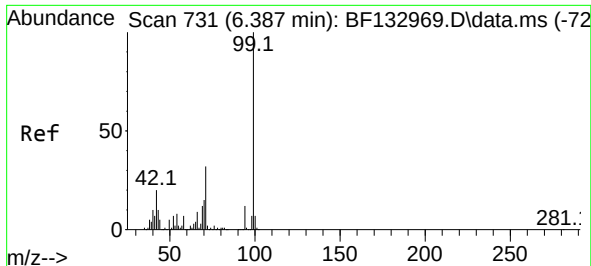
Tgt Ion:112 Resp: 1120476
Ion Ratio Lower Upper
112 100
64 59.4 46.8 70.2
63 30.9 23.8 35.8



#6
Aniline
Concen: 33.604 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion: 93 Resp: 677513
Ion Ratio Lower Upper
93 100
66 39.3 31.5 47.3
65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 87.380 ng

RT: 6.386 min Scan# 731

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

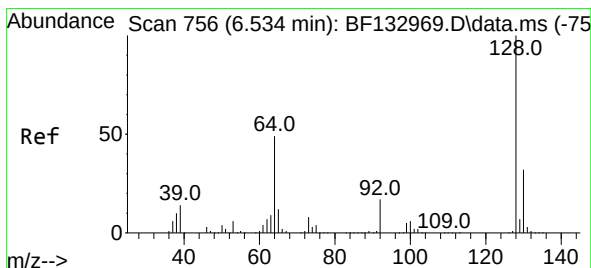
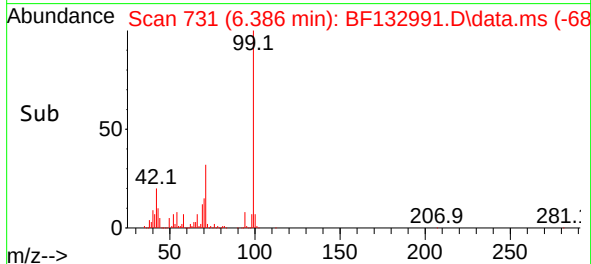
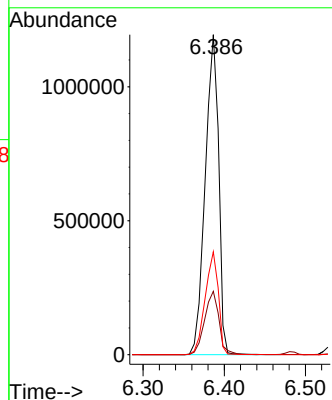
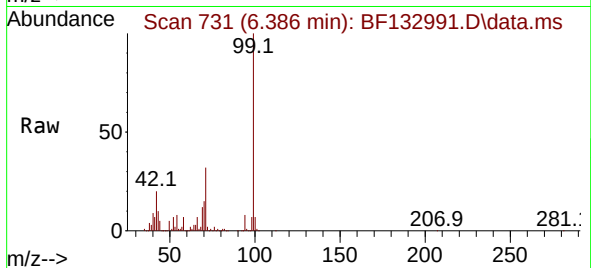
BNA_F

ClientSampleId :

PB152338BSD

Tgt Ion: 99 Resp: 1367818

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	32.2	25.6	38.4



#8

2-Chlorophenol

Concen: 46.552 ng

RT: 6.534 min Scan# 756

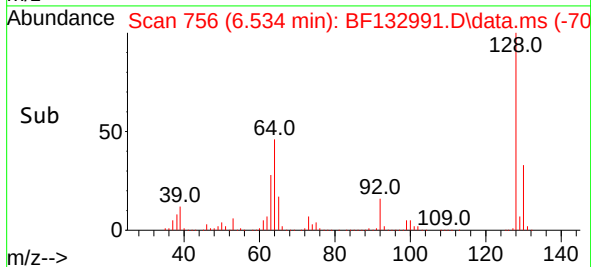
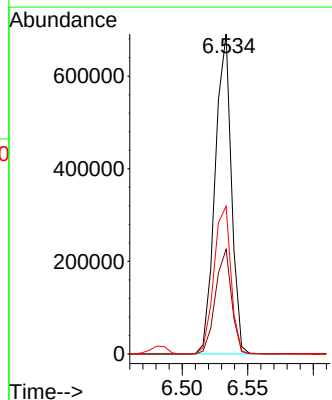
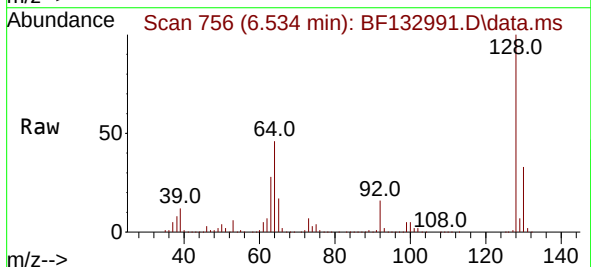
Delta R.T. -0.000 min

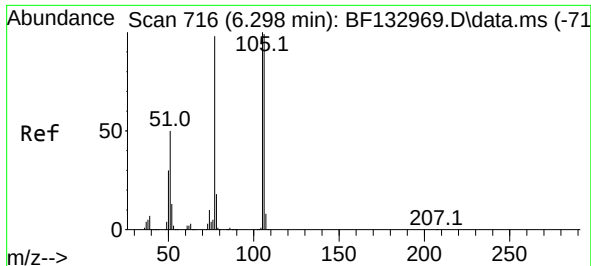
Lab File: BF132991.D

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Tgt Ion:128 Resp: 596094

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	46.1	30.3	70.3





#9

Benzaldehyde

Concen: 55.501 ng

RT: 6.292 min Scan# 715

Delta R.T. -0.006 min

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Instrument :

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ClientSampleId :

PB152338BSD

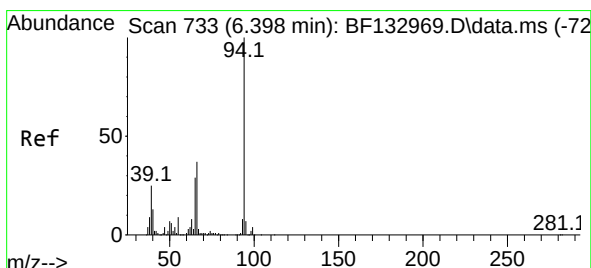
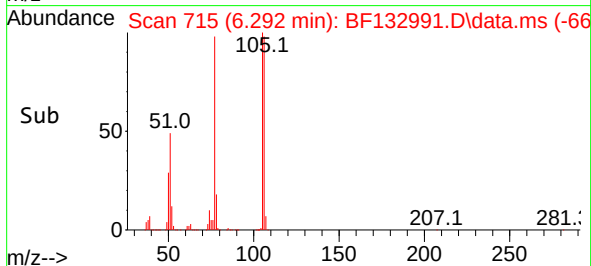
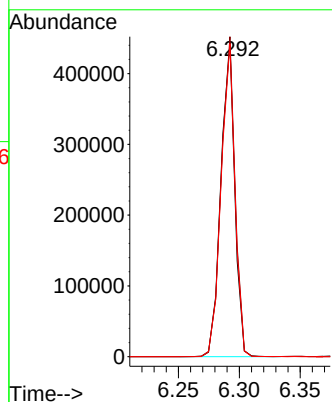
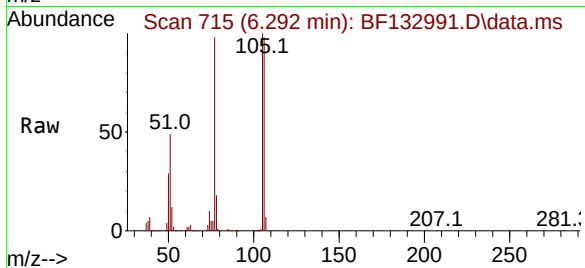
Tgt Ion: 77 Resp: 351871

Ion Ratio Lower Upper

77 100

105 101.8 82.3 122.3

106 99.6 80.8 120.8



#10

Phenol

Concen: 44.141 ng

RT: 6.398 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

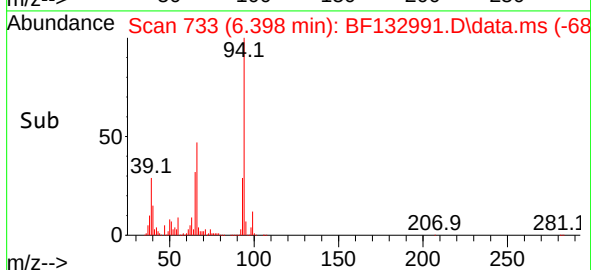
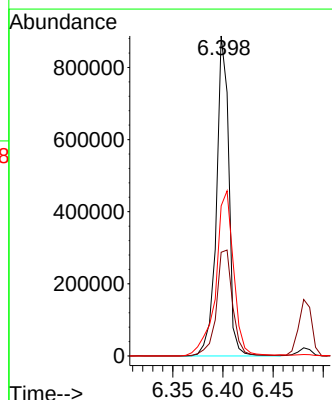
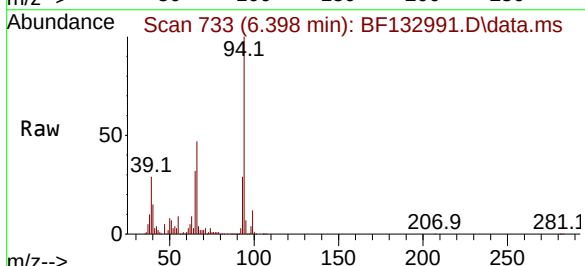
Tgt Ion: 94 Resp: 762266

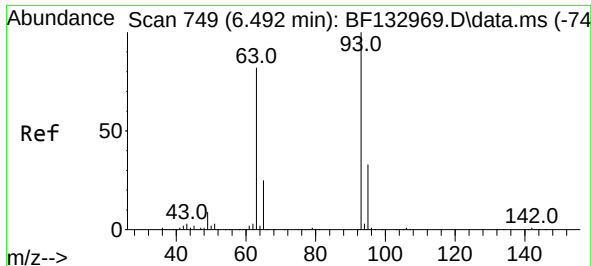
Ion Ratio Lower Upper

94 100

65 32.4 8.6 48.6

66 46.9 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 43.902 ng

RT: 6.481 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF132991.D

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BNA_F

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PB152338BSD

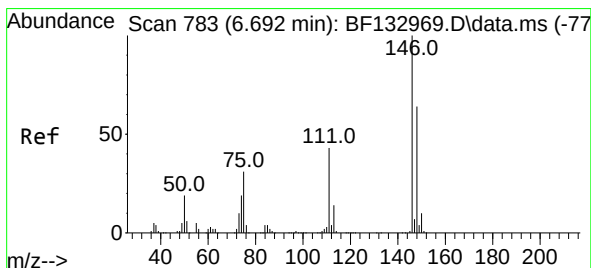
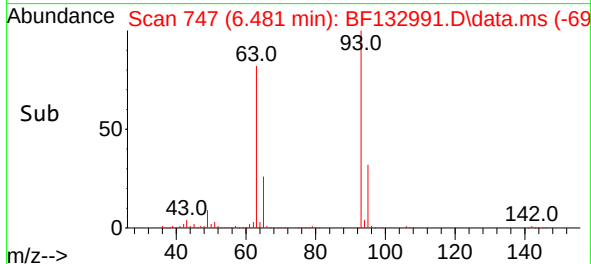
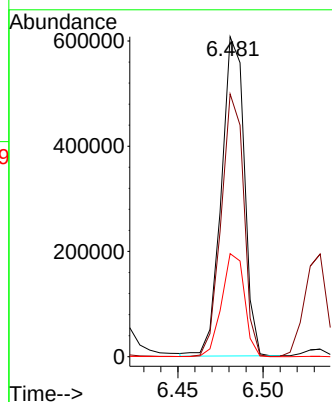
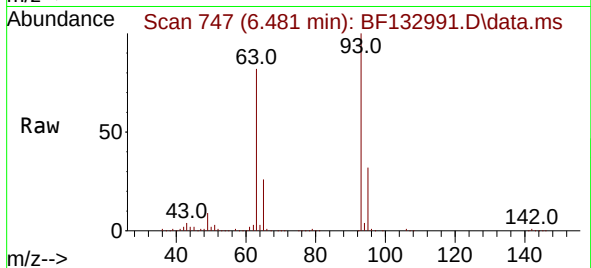
Tgt Ion: 93 Resp: 568909

Ion Ratio Lower Upper

93 100

63 82.1 60.6 100.6

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.537 ng

RT: 6.686 min Scan# 782

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

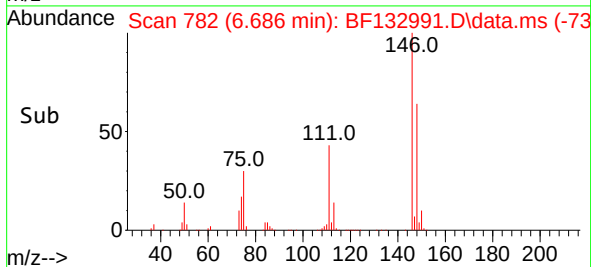
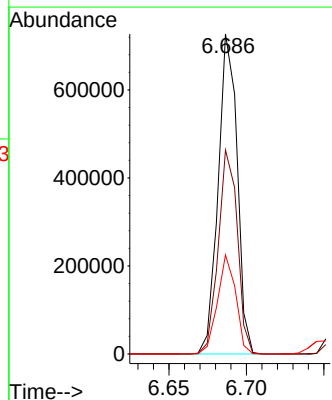
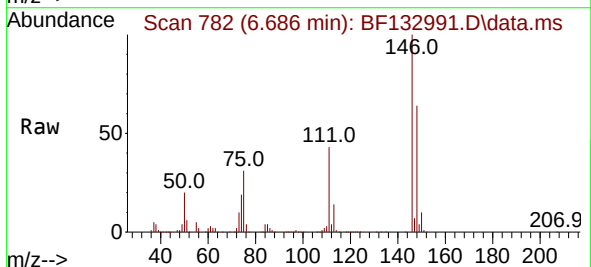
Tgt Ion: 146 Resp: 619943

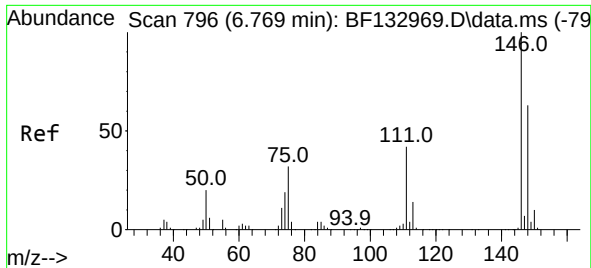
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

75 30.9 24.8 37.2

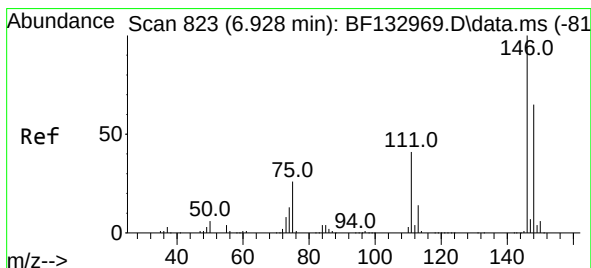
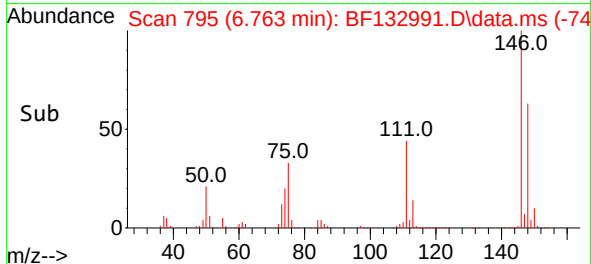
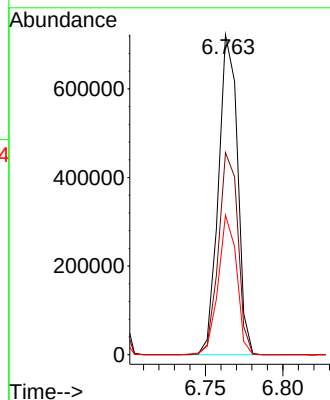
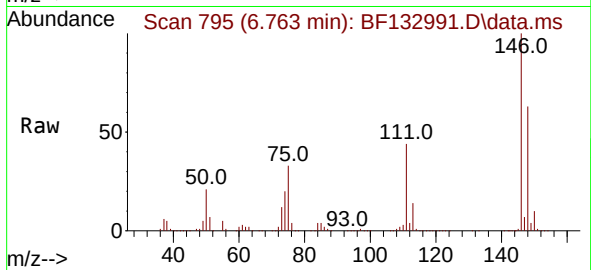




#13
1,4-Dichlorobenzene
Concen: 45.335 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

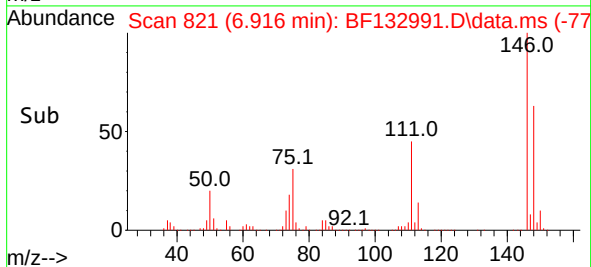
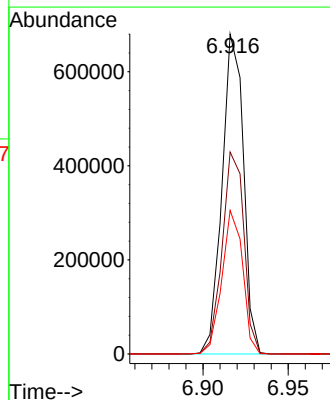
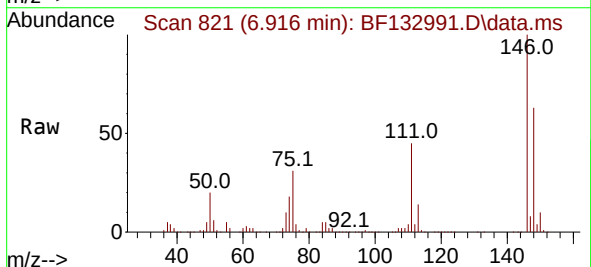
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

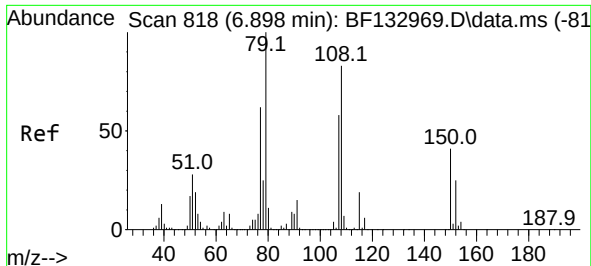
Tgt Ion:146 Resp: 618560
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
111 43.6 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 47.356 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:146 Resp: 595693
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
111 44.8 32.8 49.2

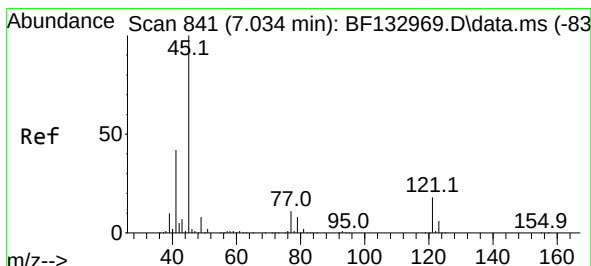
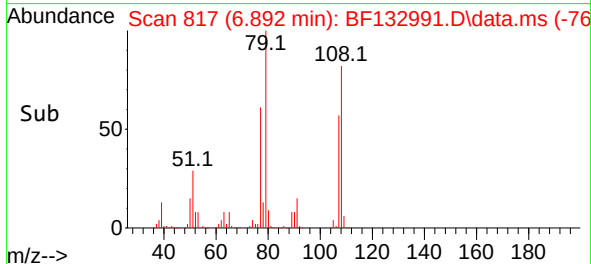
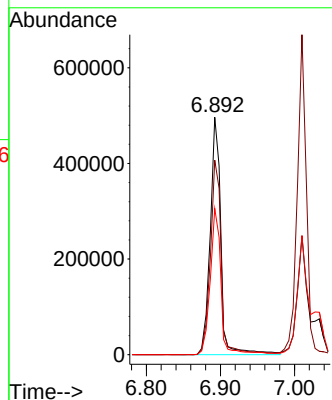
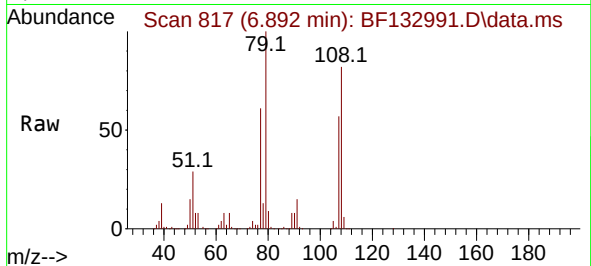




#15
Benzyl Alcohol
Concen: 45.873 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

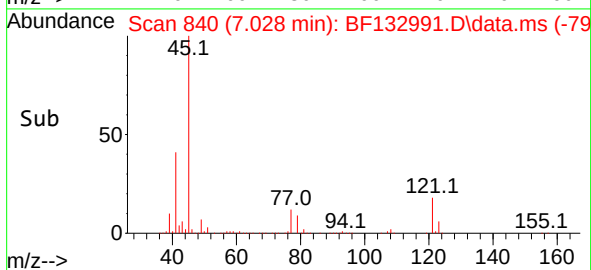
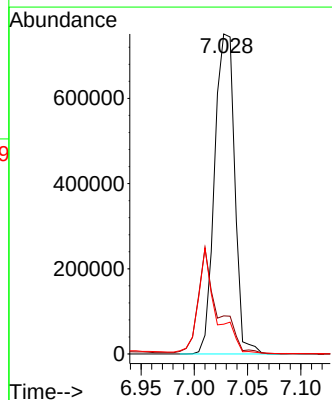
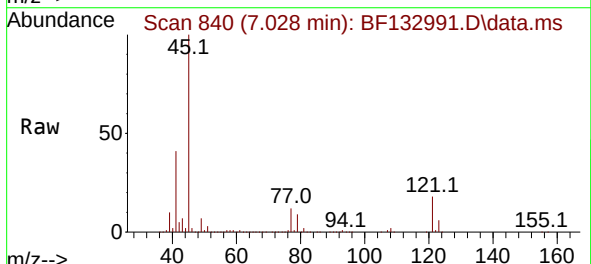
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

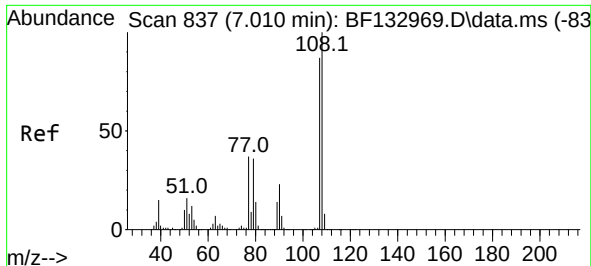
Tgt Ion: 79 Resp: 496024
Ion Ratio Lower Upper
79 100
108 81.9 66.6 99.8
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.584 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion: 45 Resp: 980972
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.5
79 9.3 0.0 28.7

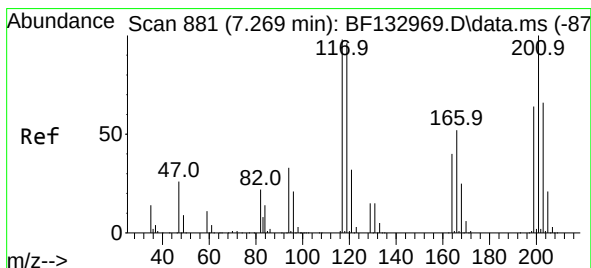
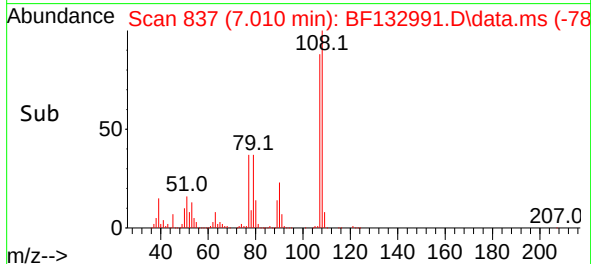
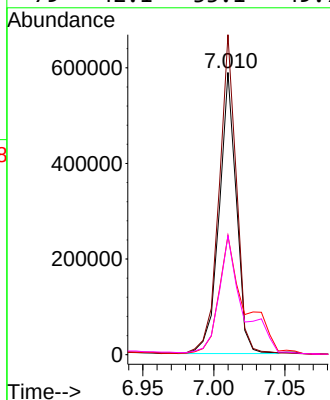
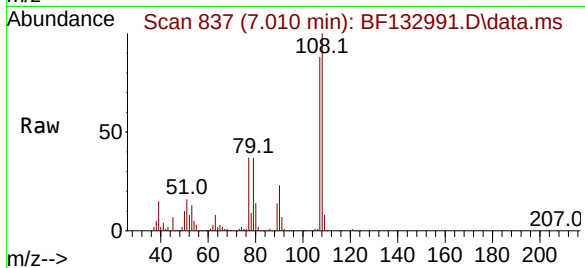




#17
2-Methylphenol
Concen: 42.056 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

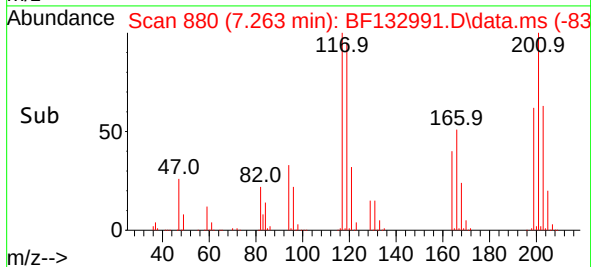
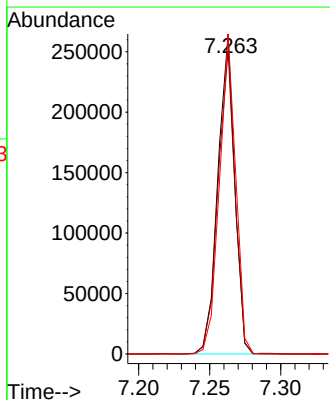
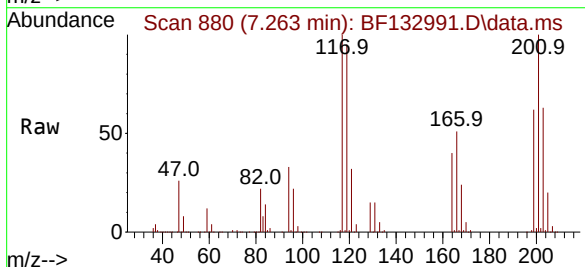
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

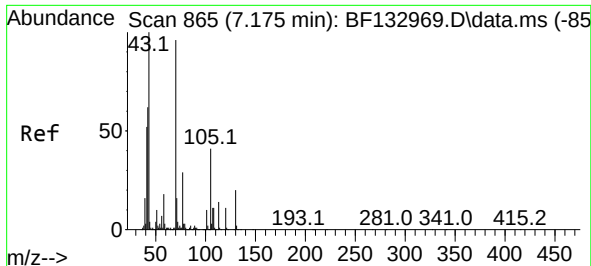
Tgt Ion:	107	Resp:	493111
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.4	138.6
77	42.2	33.8	50.8
79	42.1	33.1	49.7



#18
Hexachloroethane
Concen: 45.627 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:	117	Resp:	216440
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.4
201	100.0	81.7	122.5

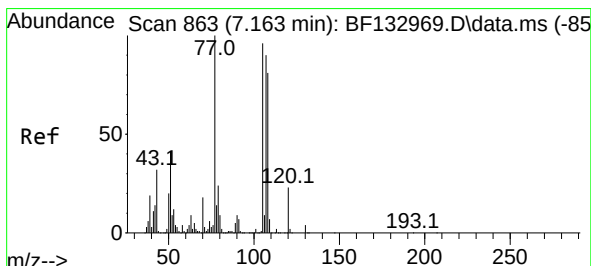
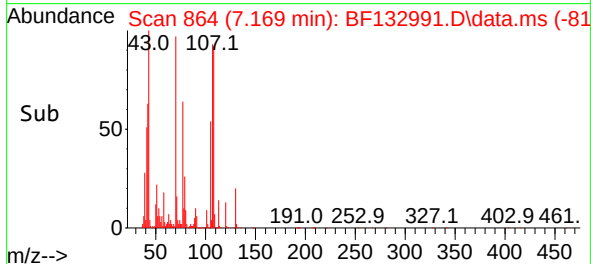
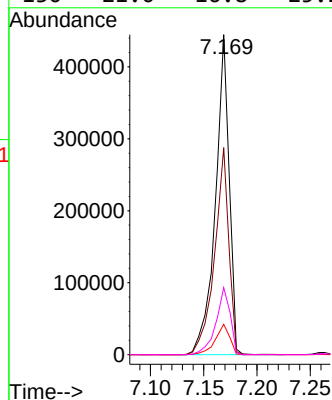
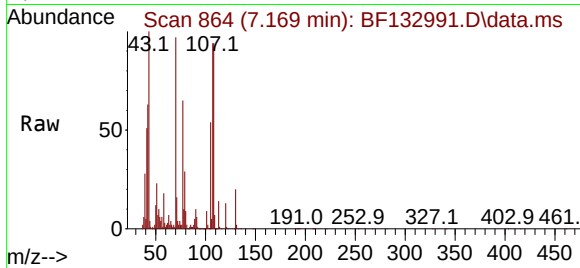




#19
n-Nitroso-di-n-propylamine
Concen: 40.970 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

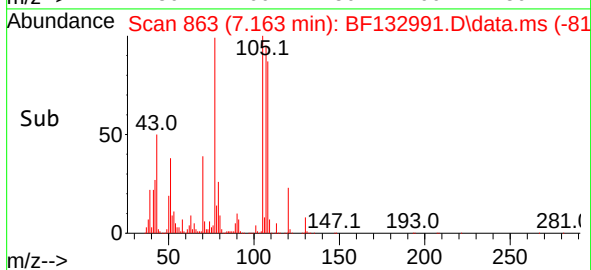
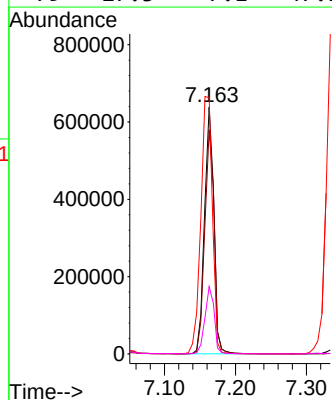
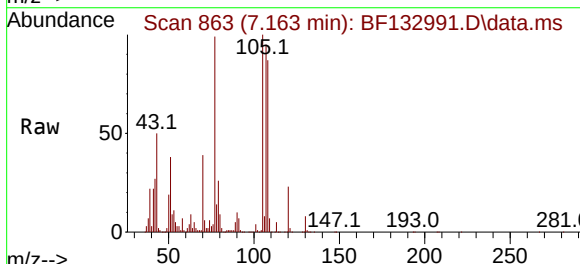
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

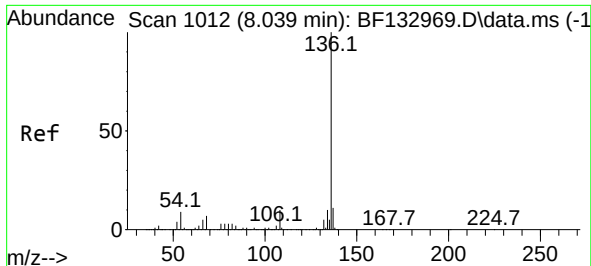
Tgt Ion: 70 Resp: 399261
Ion Ratio Lower Upper
70 100
42 64.7 51.8 77.6
101 9.5 8.0 12.0
130 21.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 42.476 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion: 107 Resp: 586521
Ion Ratio Lower Upper
107 100
108 90.8 70.5 110.5
77 103.8 91.7 131.7
79 27.3 7.1 47.1

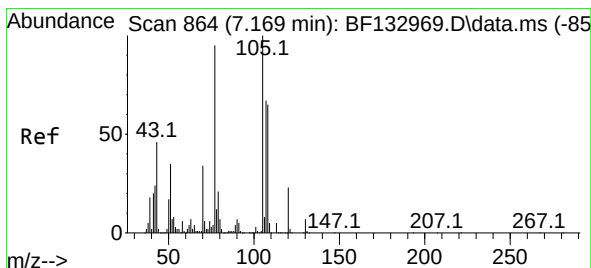
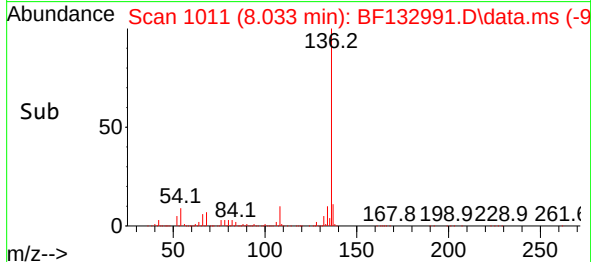
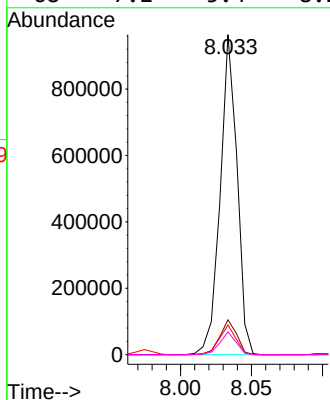
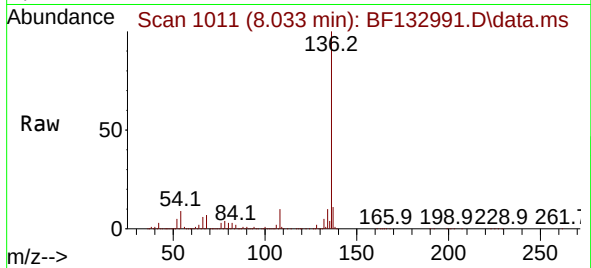




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

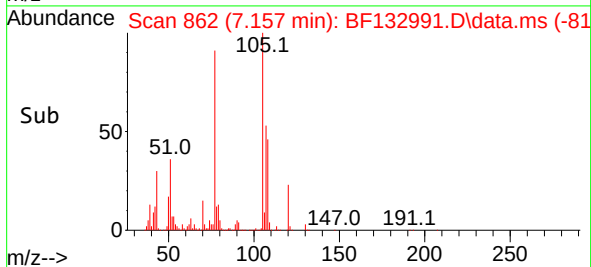
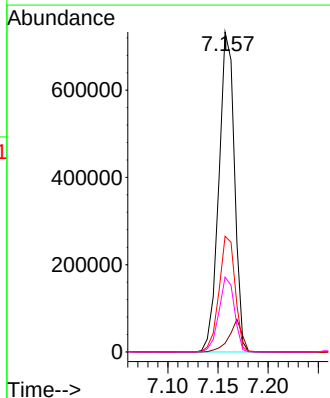
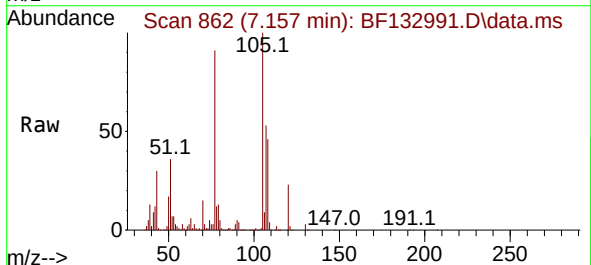
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

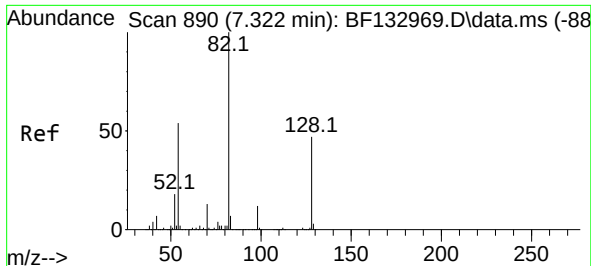
Tgt Ion	136	Resp: Lower	794367 Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.0	10.4
68	7.2	5.4	8.2



#22
Acetophenone
Concen: 42.969 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt	Ion:105	Resp:	790674
Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.6	7.0#
51	36.1	28.2	42.2
120	23.4	18.4	27.6





#23

Nitrobenzene-d5

Concen: 82.274 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

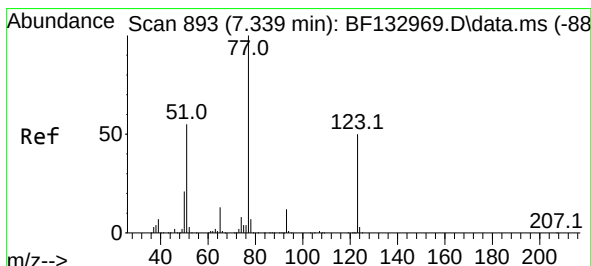
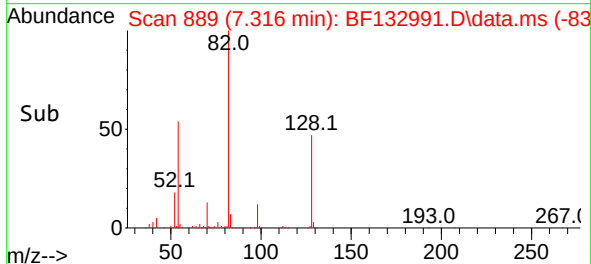
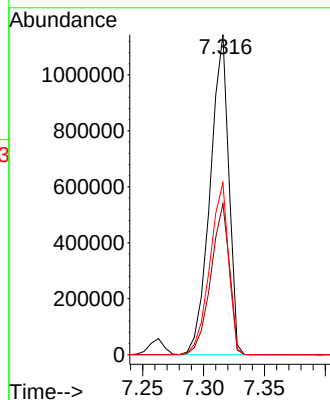
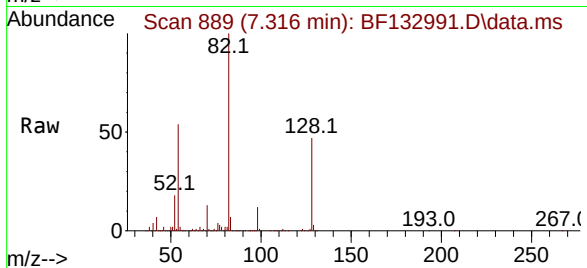
Tgt Ion: 82 Resp: 1210807

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 53.8 43.0 64.4



#24

Nitrobenzene

Concen: 41.108 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

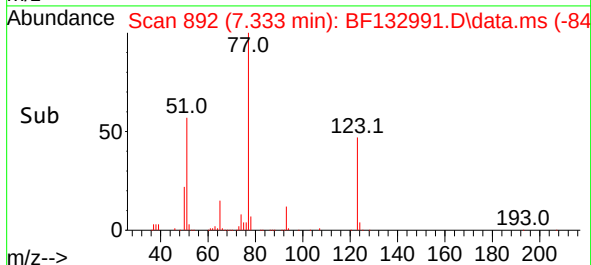
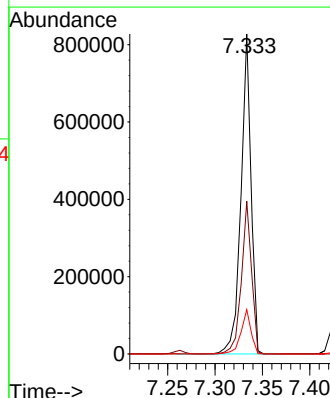
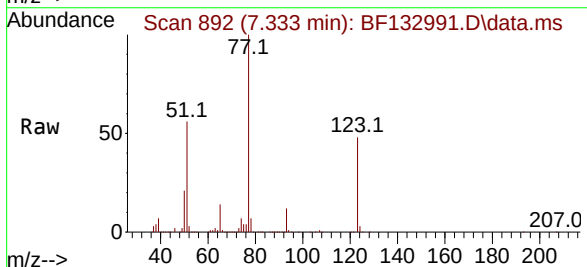
Tgt Ion: 77 Resp: 613041

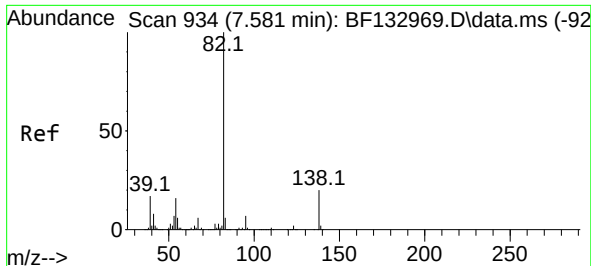
Ion Ratio Lower Upper

77 100

123 47.7 39.9 59.9

65 13.9 10.7 16.1

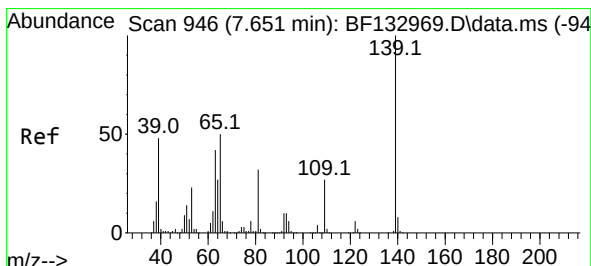
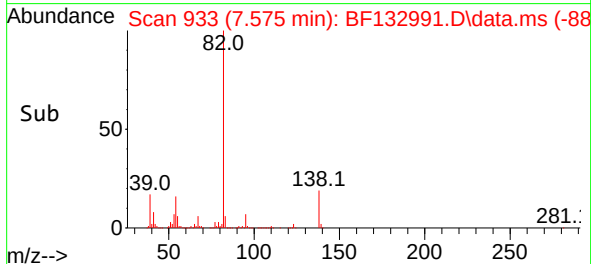
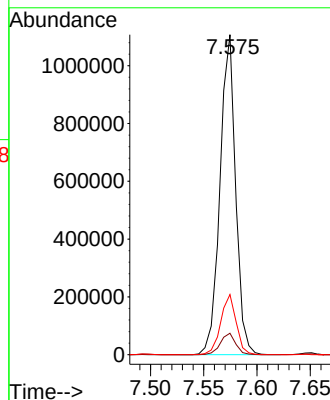
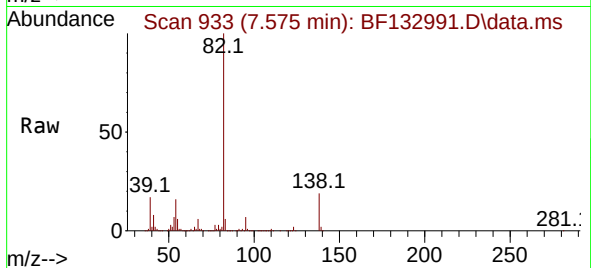




#25
Isophorone
Concen: 40.428 ng
RT: 7.575 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

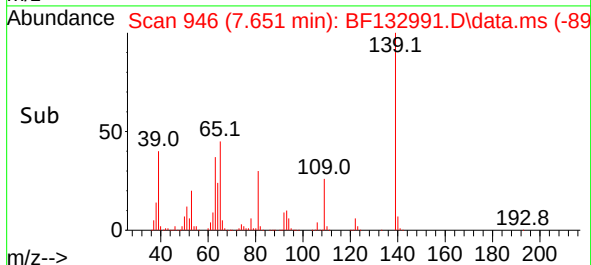
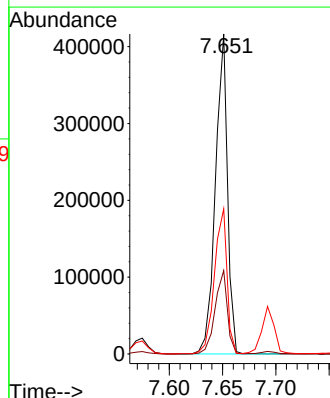
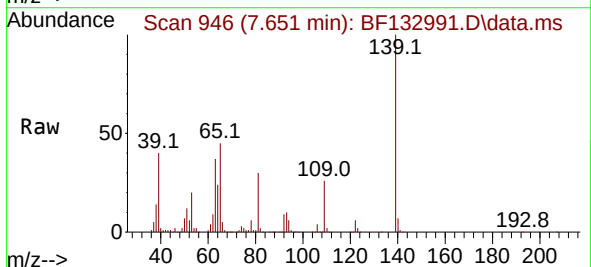
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

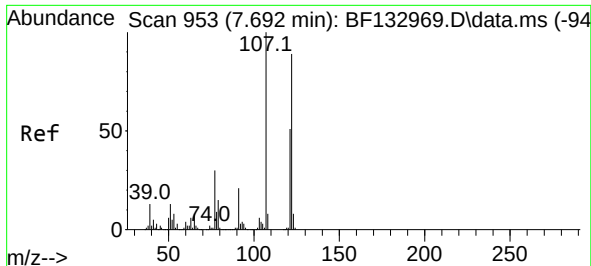
Tgt Ion: 82 Resp: 1129639
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.8 16.0 24.0



#26
2-Nitrophenol
Concen: 45.634 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:139 Resp: 328241
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.076 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

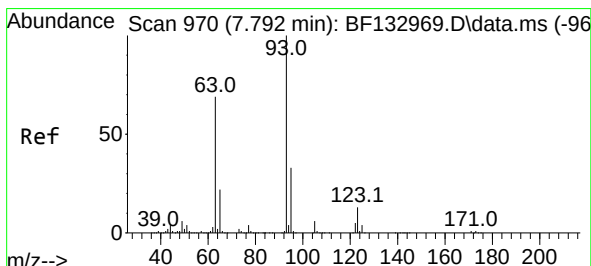
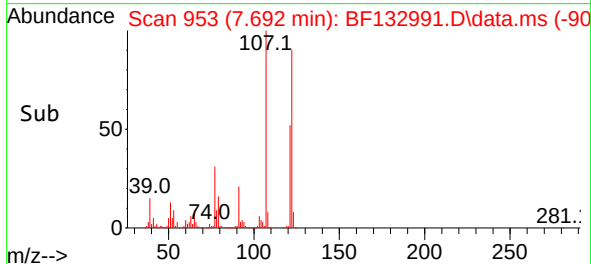
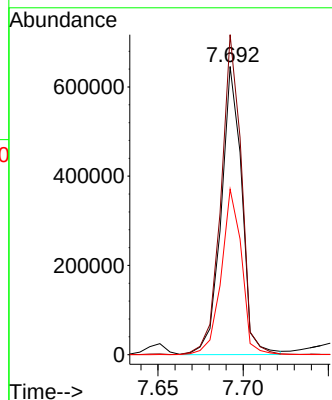
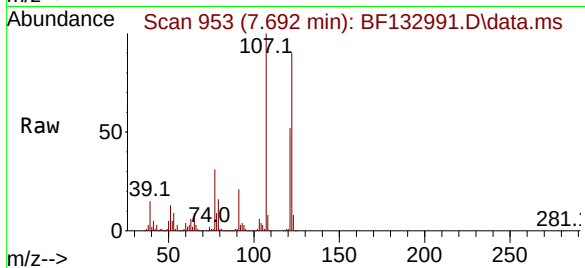
Tgt Ion:122 Resp: 543632

Ion Ratio Lower Upper

122 100

107 111.1 89.7 134.5

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.227 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

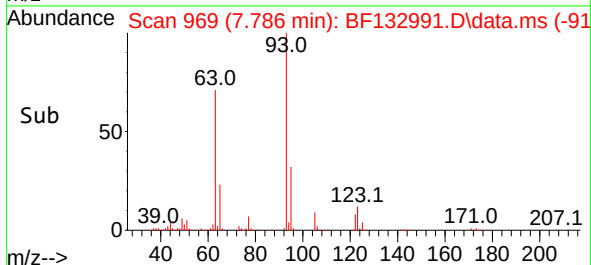
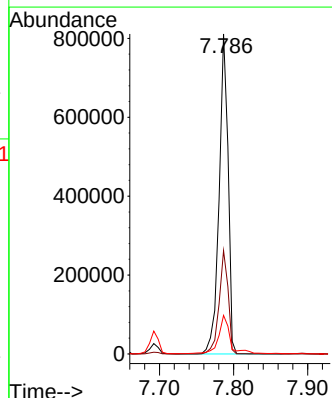
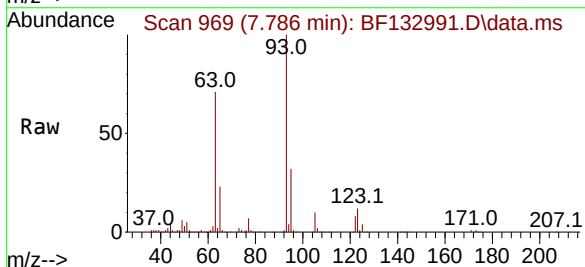
Tgt Ion: 93 Resp: 681496

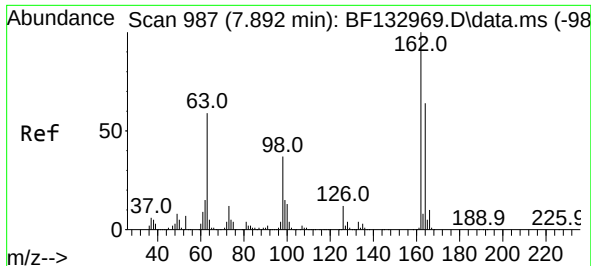
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 12.0 10.3 15.5



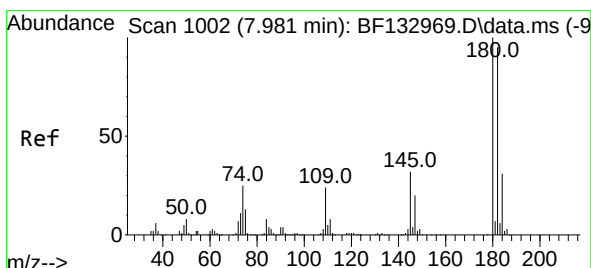
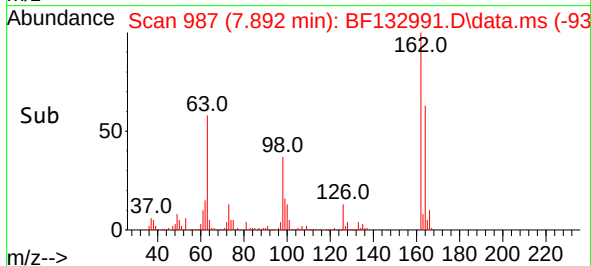
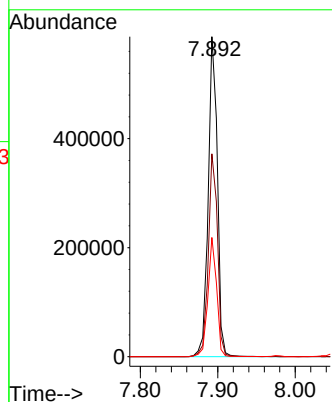
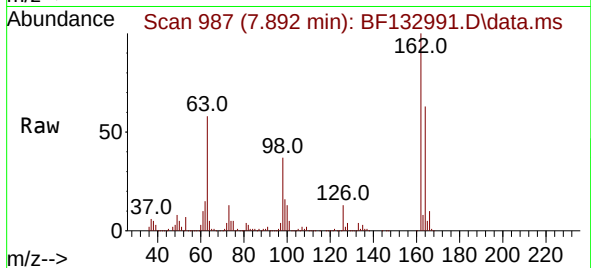


#29
2,4-Dichlorophenol
Concen: 42.753 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:162 Resp: 480036

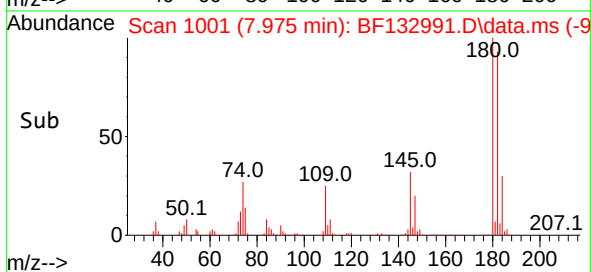
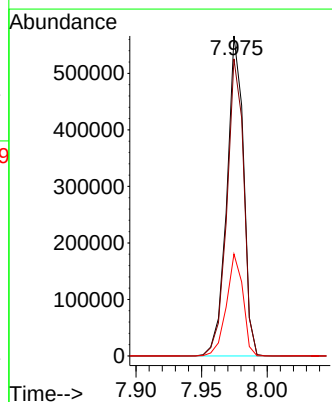
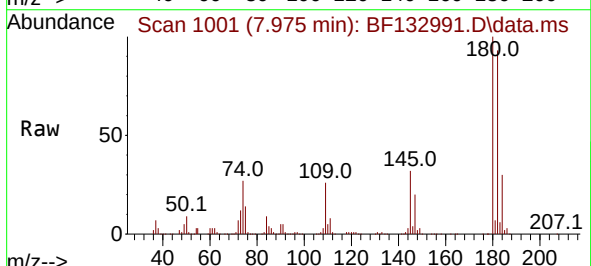
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.9	83.9
98	37.3	17.0	57.0

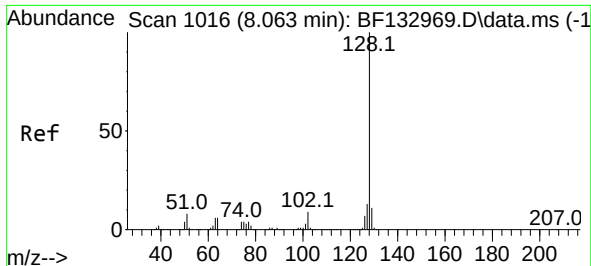


#30
1,2,4-Trichlorobenzene
Concen: 42.991 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:180 Resp: 500080

Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.9	113.9
145	31.8	25.3	37.9

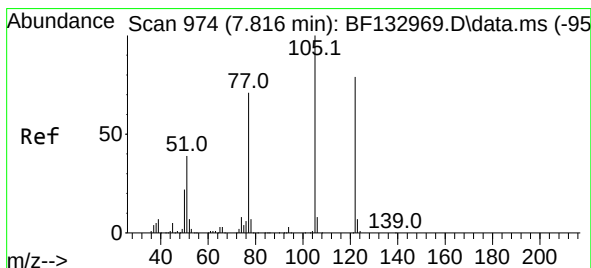
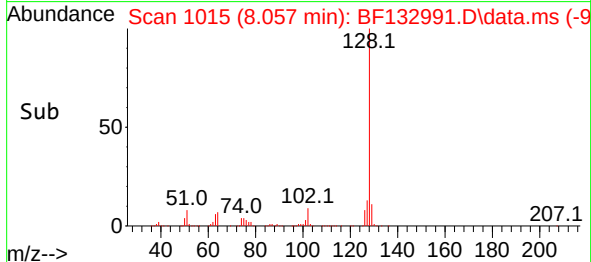
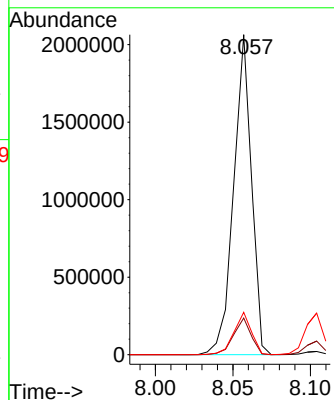
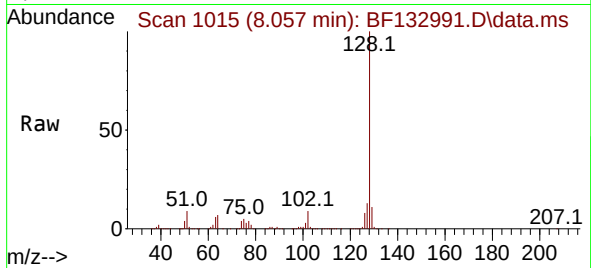




#31
Naphthalene
Concen: 41.582 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

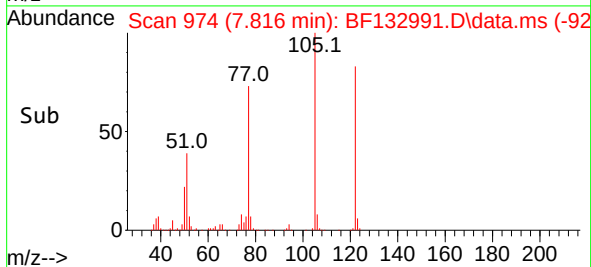
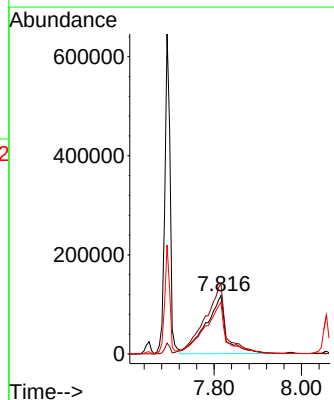
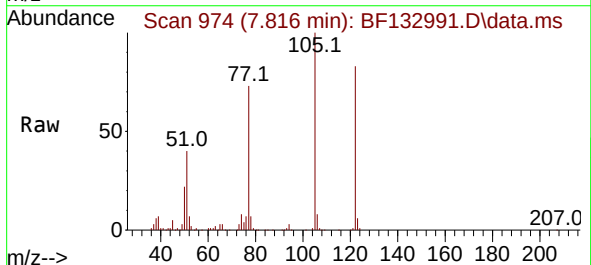
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

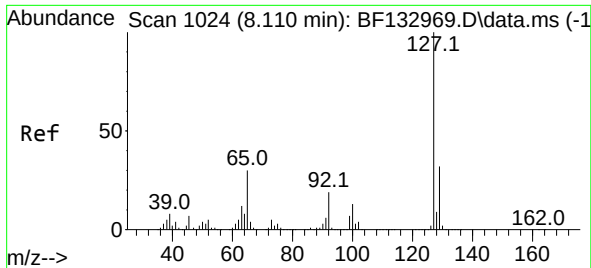
Tgt Ion:128 Resp: 1651454
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 50.549 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:122 Resp: 385114
Ion Ratio Lower Upper
122 100
105 121.0 104.2 144.2
77 88.4 69.7 109.7

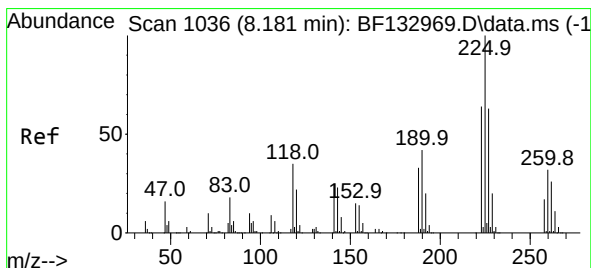
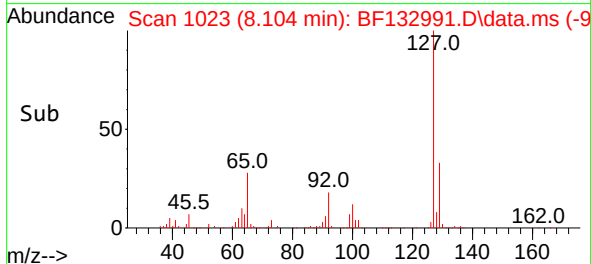
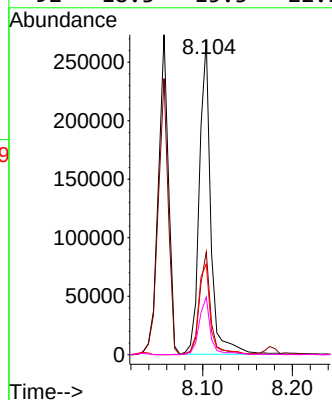
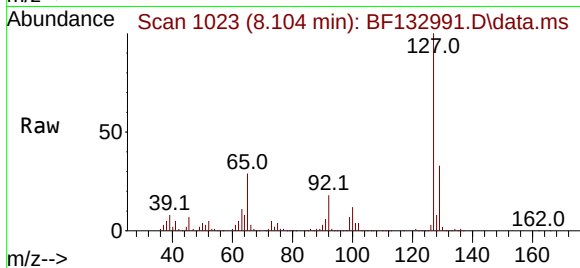




#33
4-Chloroaniline
Concen: 14.719 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

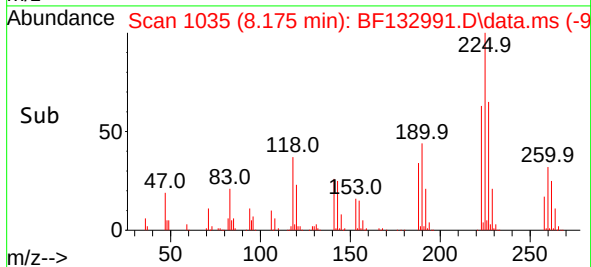
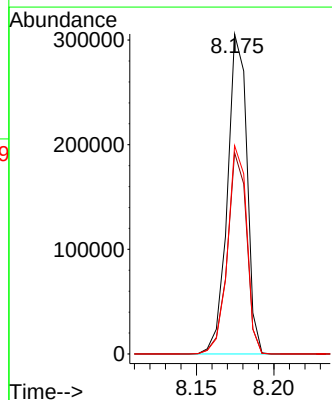
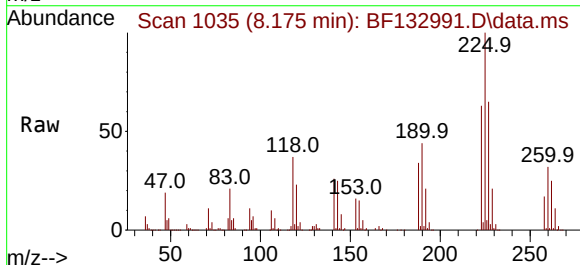
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

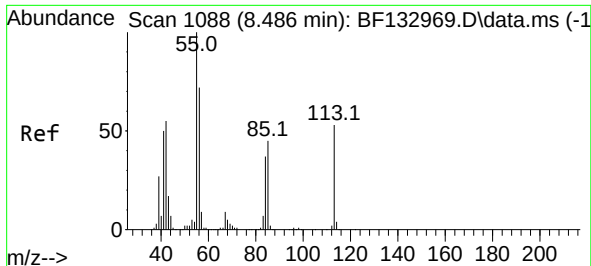
Tgt Ion:	127	Resp:	236198
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	28.9	23.6	35.4
92	18.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.488 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:	225	Resp:	267477
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	65.1	50.3	75.5

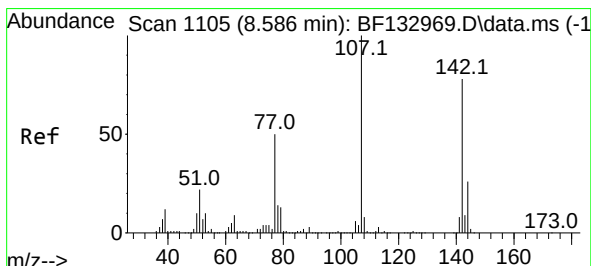
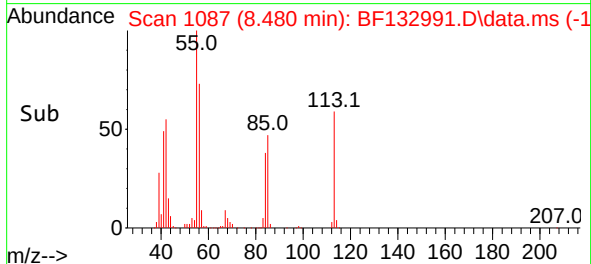
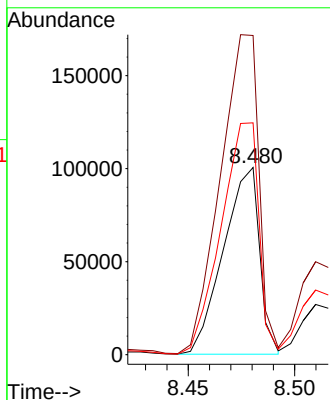
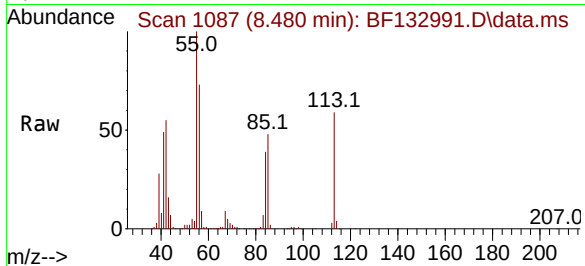




#35
 Caprolactam
 Concen: 31.312 ng
 RT: 8.480 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

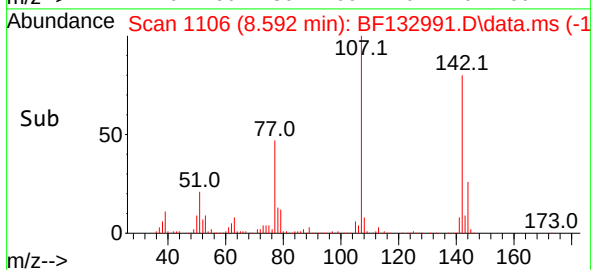
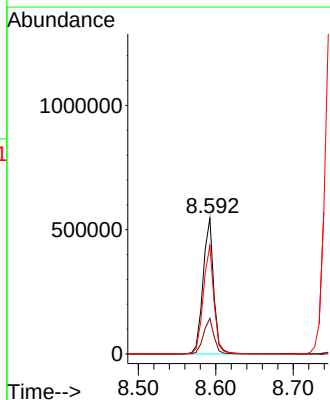
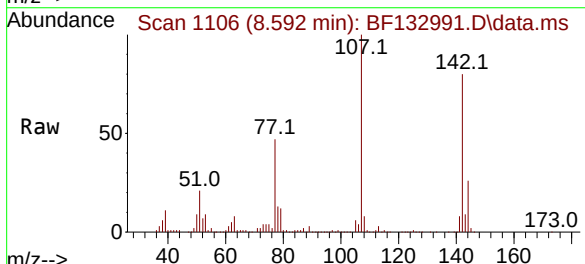
Instrument :
 BNA_F
 ClientSampleId :
 PB152338BSD

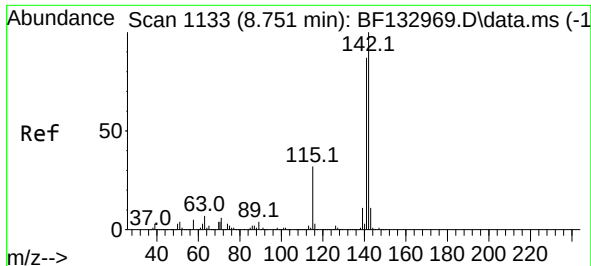
Tgt Ion:113 Resp: 118106
 Ion Ratio Lower Upper
 113 100
 55 170.5 167.1 207.1
 56 123.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.090 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

Tgt Ion:107 Resp: 521735
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 80.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.616 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

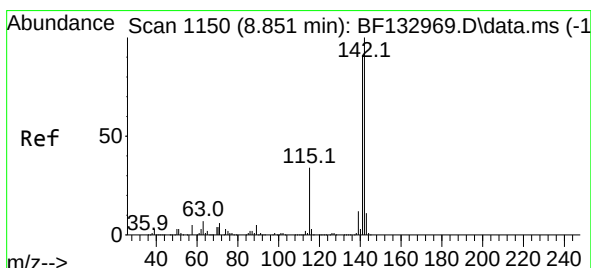
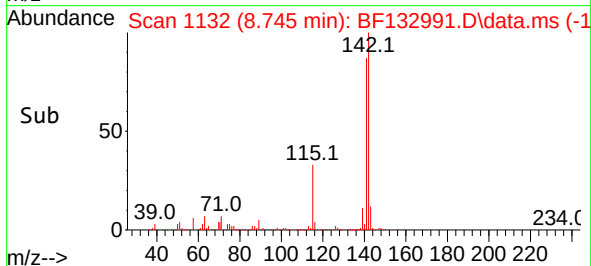
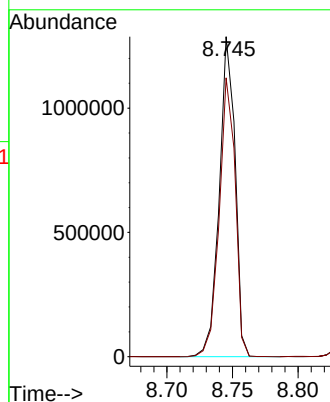
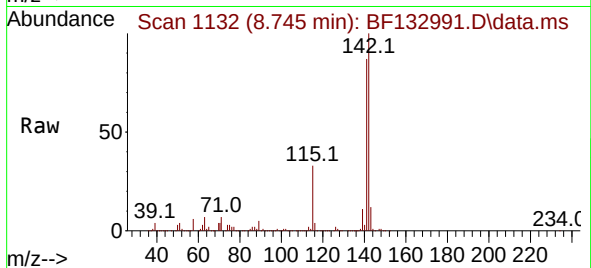
PB152338BSD

Tgt Ion:142 Resp: 1075693

Ion Ratio Lower Upper

142 100

141 87.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 39.744 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132991.D

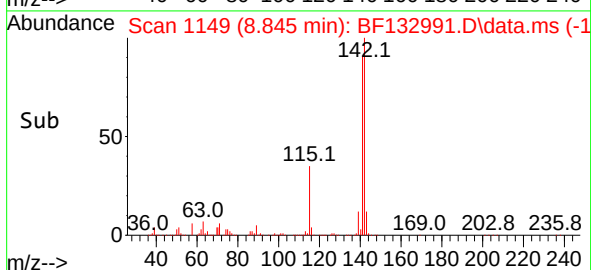
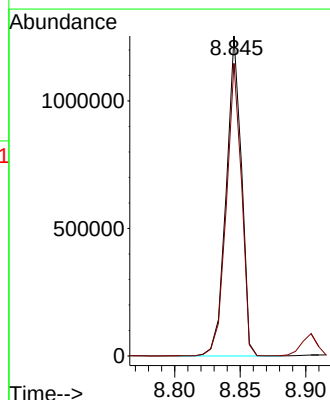
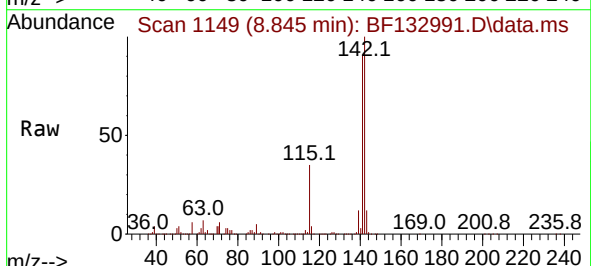
Acq: 24 Apr 2023 12:58

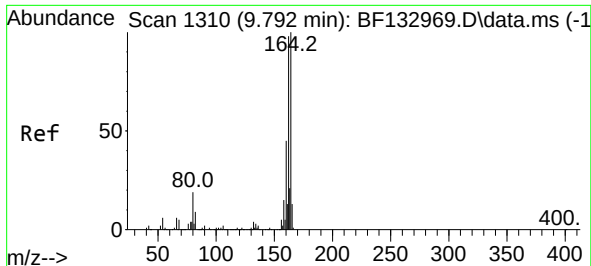
Tgt Ion:142 Resp: 1009528

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

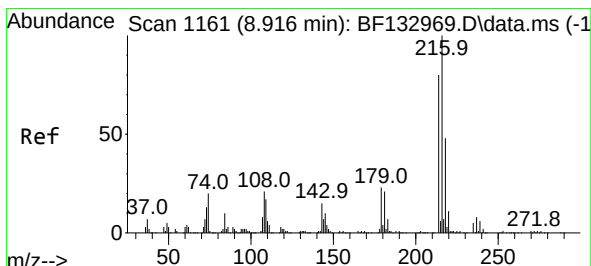
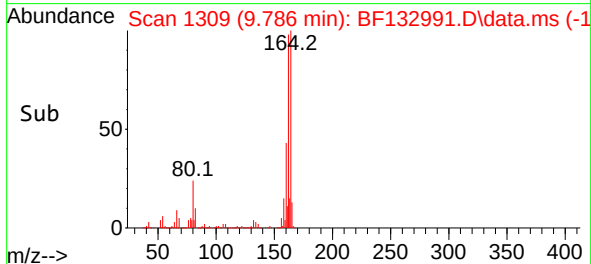
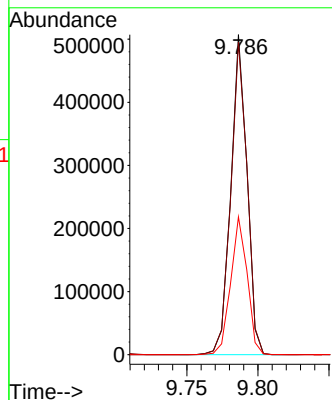
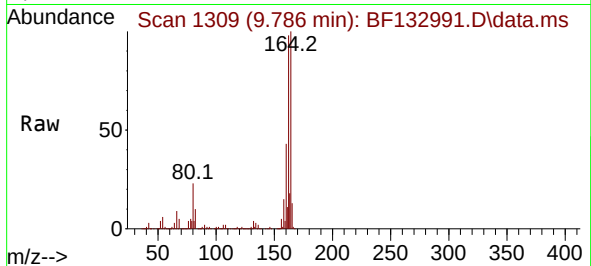




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

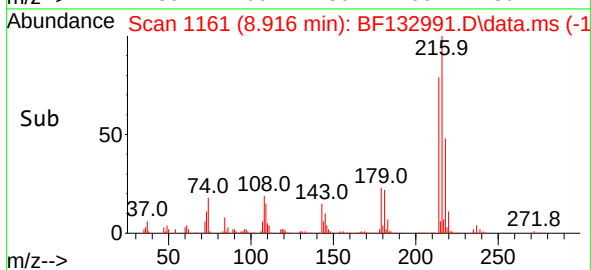
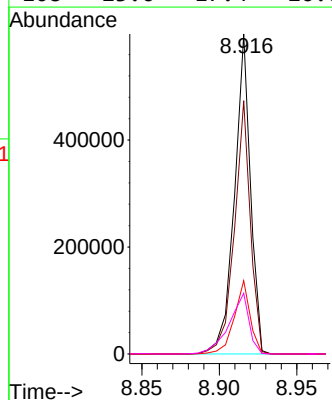
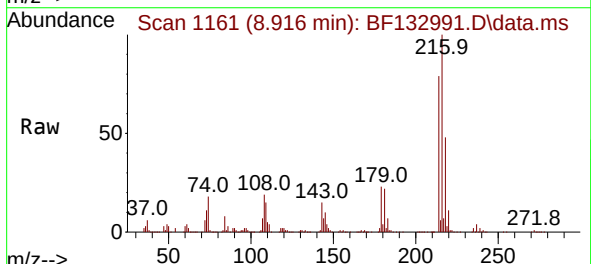
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

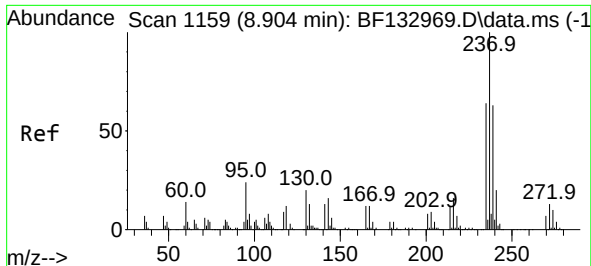
Tgt Ion:164 Resp: 401045
Ion Ratio Lower Upper
164 100
162 97.7 78.7 118.1
160 43.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.011 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:216 Resp: 431432
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.6 17.4 26.2
108 23.6 17.4 26.0

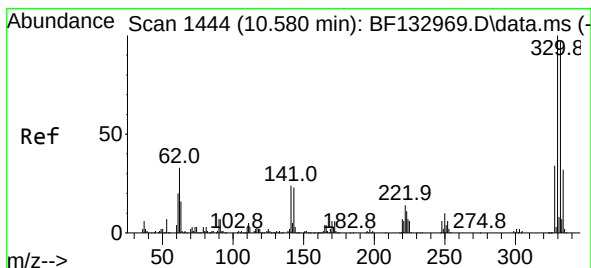
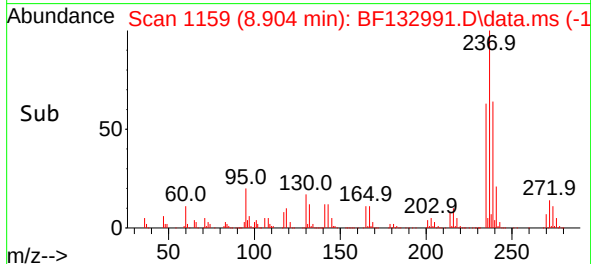
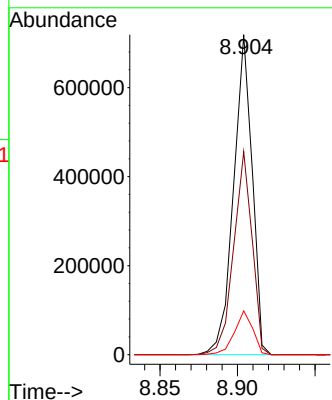
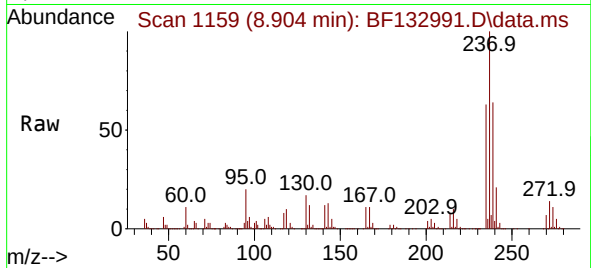




#41
Hexachlorocyclopentadiene
Concen: 95.265 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

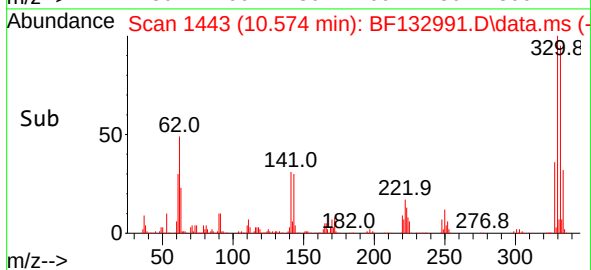
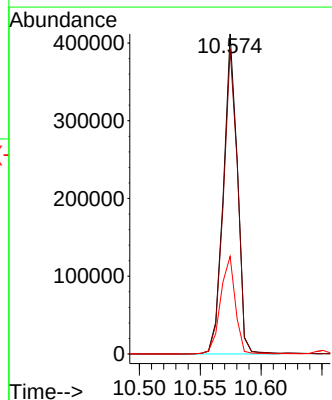
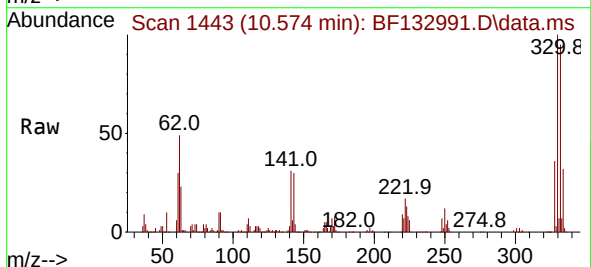
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

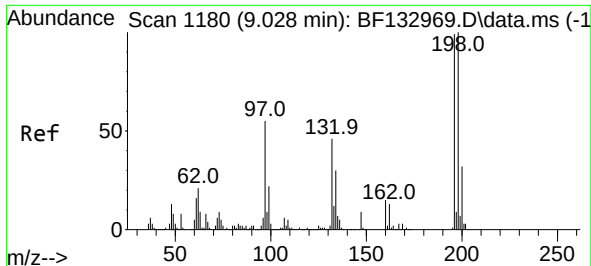
Tgt Ion:237 Resp: 599092
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 81.776 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:330 Resp: 329827
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.3 25.8 38.8

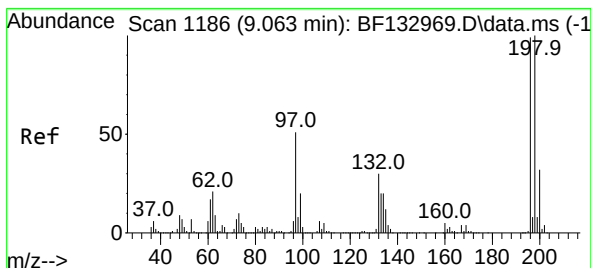
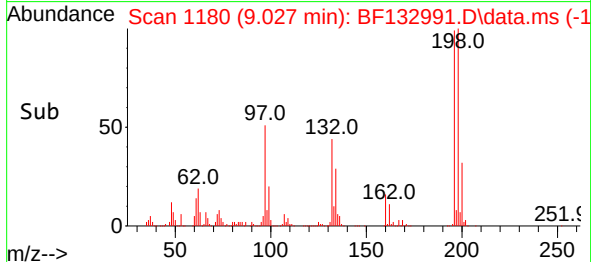
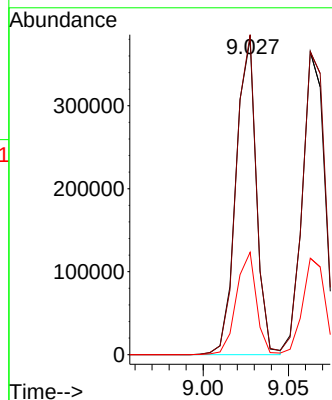
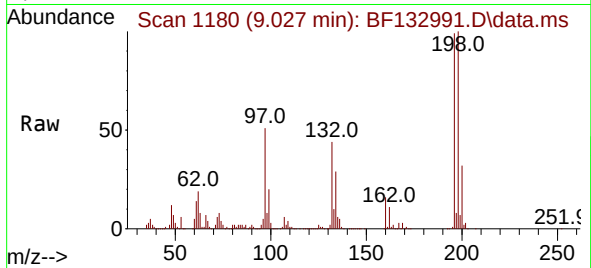




#43
2,4,6-Trichlorophenol
Concen: 42.422 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

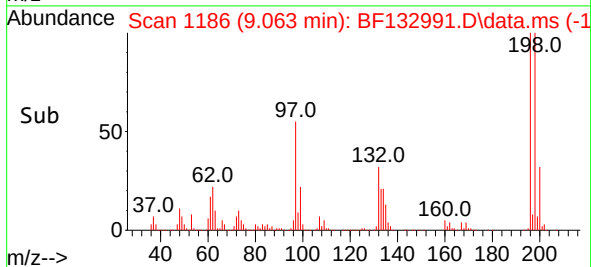
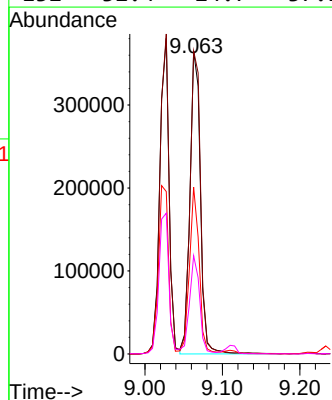
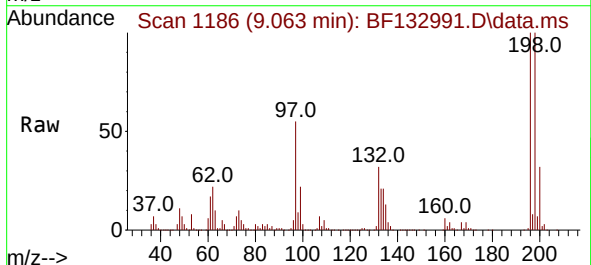
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

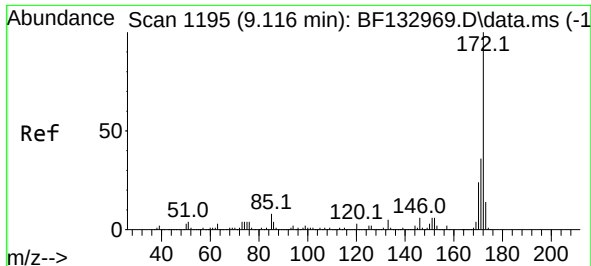
Tgt Ion:196 Resp: 316351
Ion Ratio Lower Upper
196 100
198 101.4 81.0 121.6
200 32.4 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.572 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:196 Resp: 341289
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 55.1 41.3 61.9
132 32.4 24.7 37.1

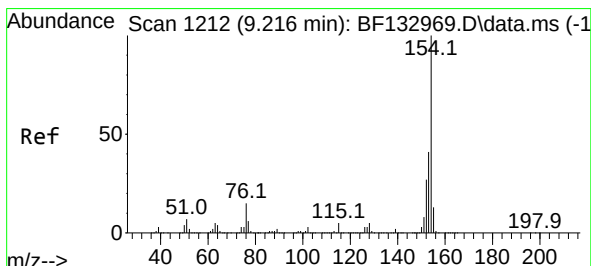
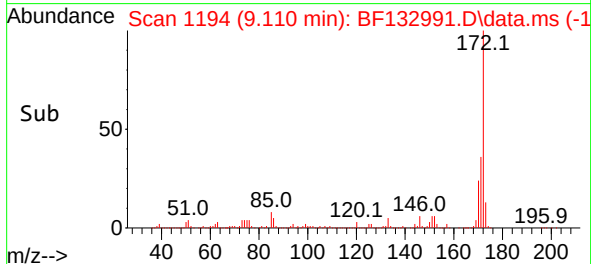
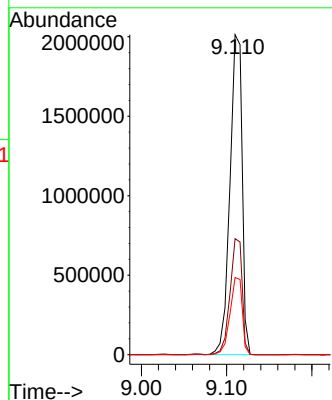
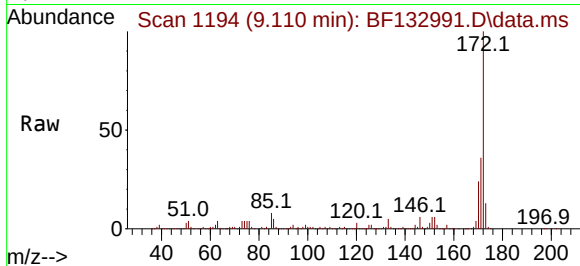




#45
2-Fluorobiphenyl
Concen: 83.582 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

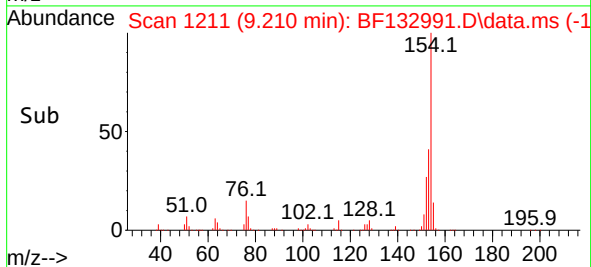
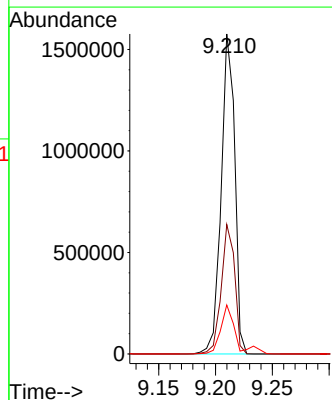
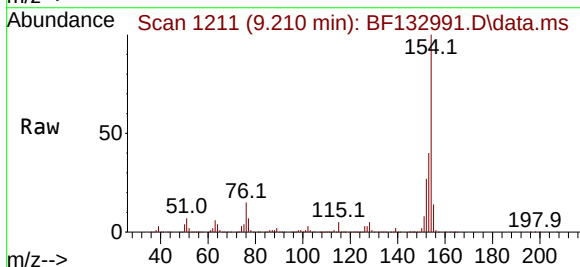
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

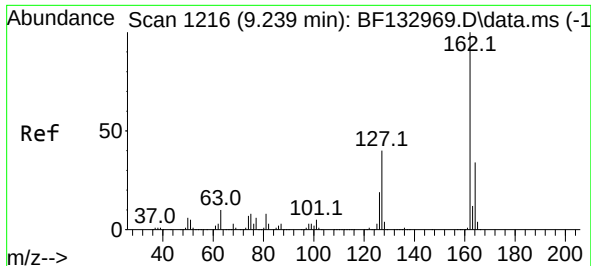
Tgt Ion:172 Resp: 2003588
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.319 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:154 Resp: 1313990
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 15.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.399 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

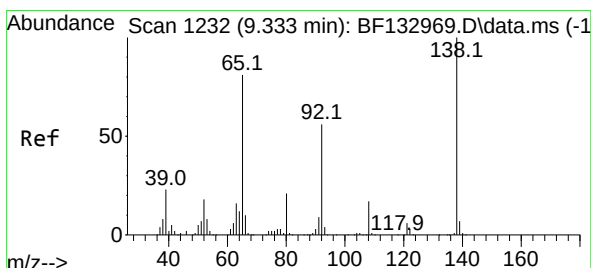
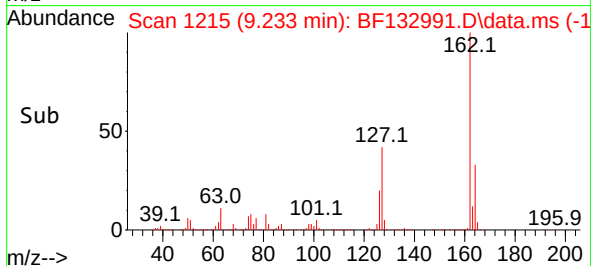
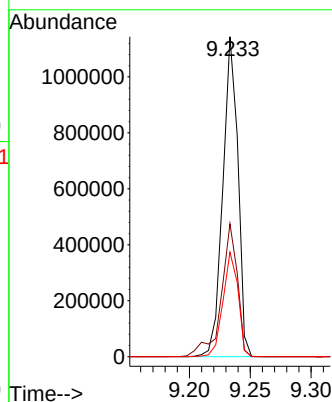
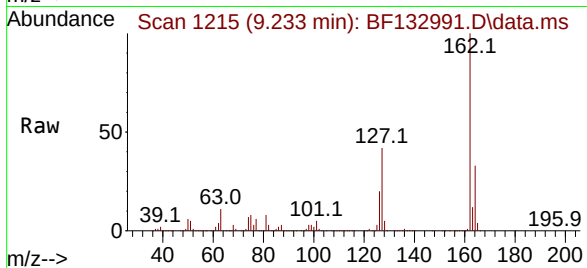
Tgt Ion:162 Resp: 986887

Ion Ratio Lower Upper

162 100

127 41.5 32.3 48.5

164 32.7 26.8 40.2



#48

2-Nitroaniline

Concen: 42.291 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

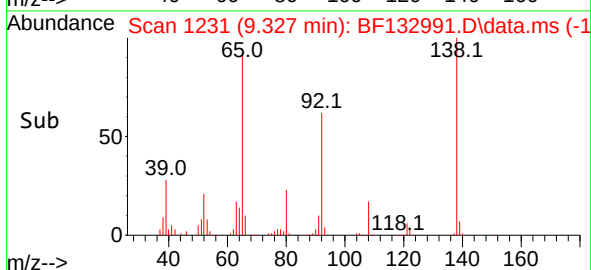
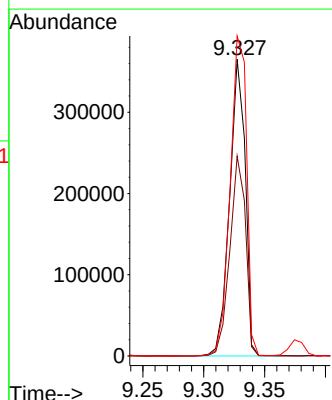
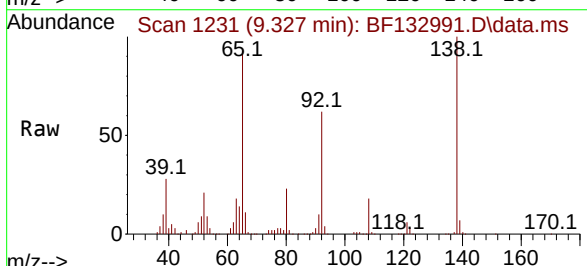
Tgt Ion: 65 Resp: 325332

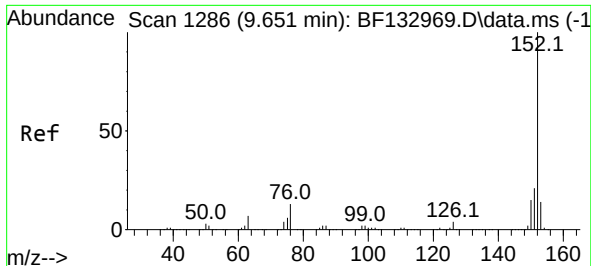
Ion Ratio Lower Upper

65 100

92 67.4 55.4 83.0

138 107.9 98.2 147.2





#49

Acenaphthylene

Concen: 41.050 ng

RT: 9.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

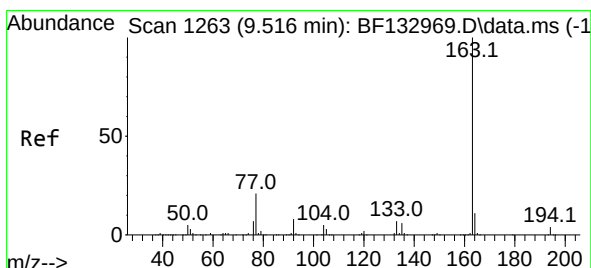
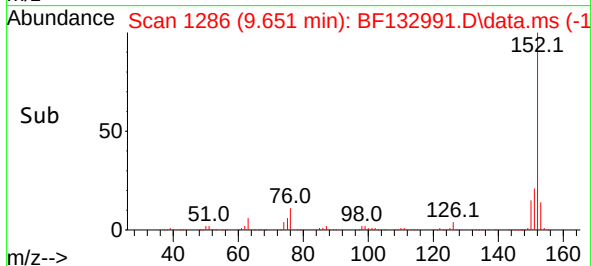
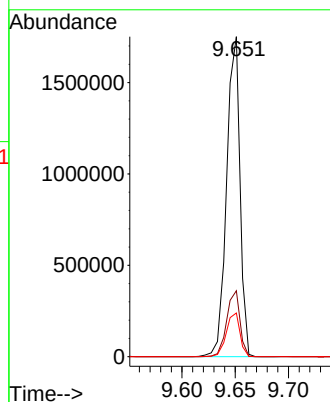
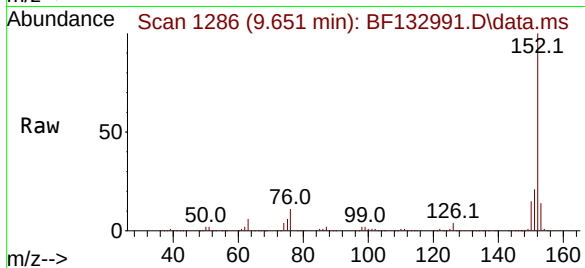
Tgt Ion:152 Resp: 1526731

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 13.7 11.5 17.3



#50

Dimethylphthalate

Concen: 40.411 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

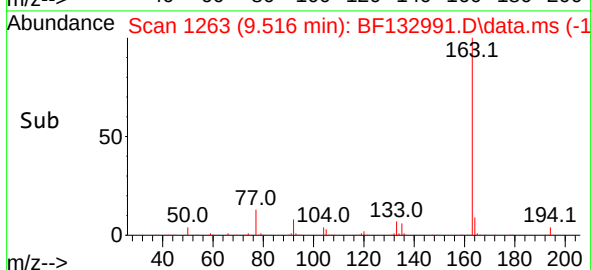
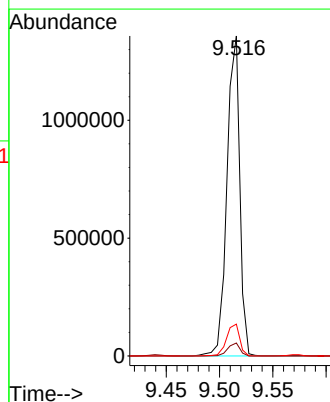
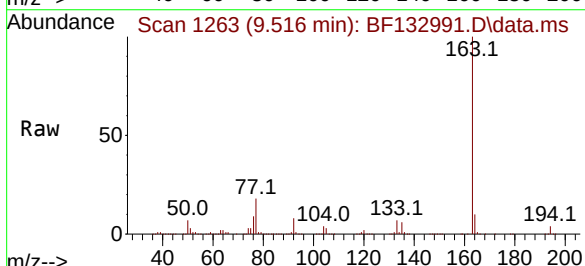
Tgt Ion:163 Resp: 1130058

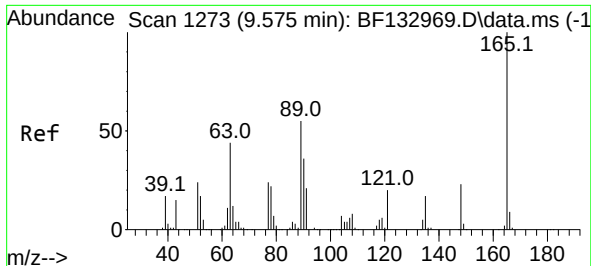
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 42.006 ng

RT: 9.569 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

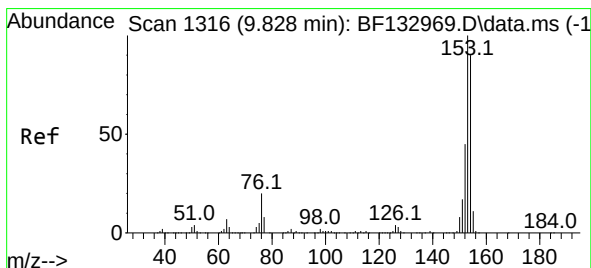
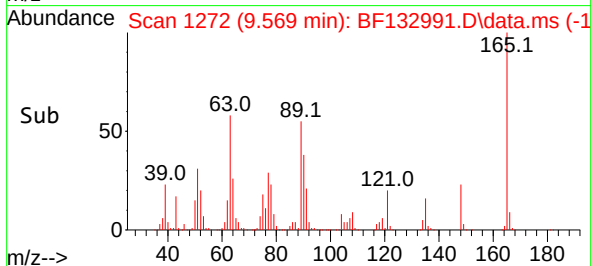
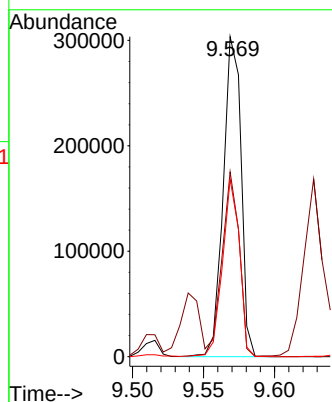
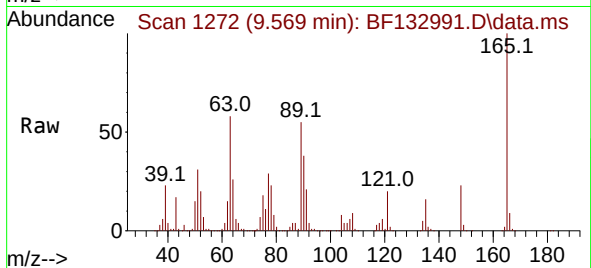
Tgt Ion:165 Resp: 264385

Ion Ratio Lower Upper

165 100

63 57.8 45.9 68.9

89 55.5 44.0 66.0



#52

Acenaphthene

Concen: 40.414 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

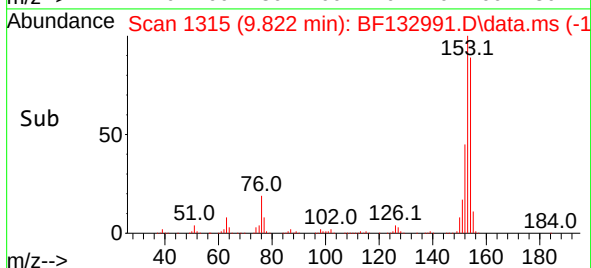
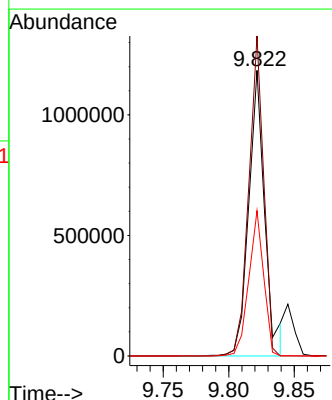
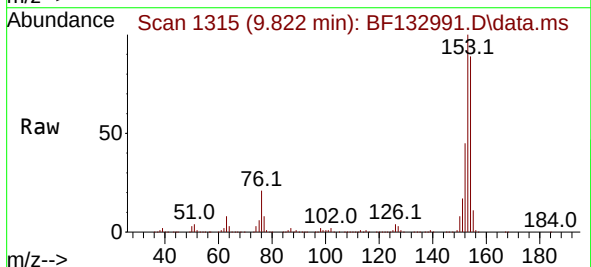
Tgt Ion:154 Resp: 1006682

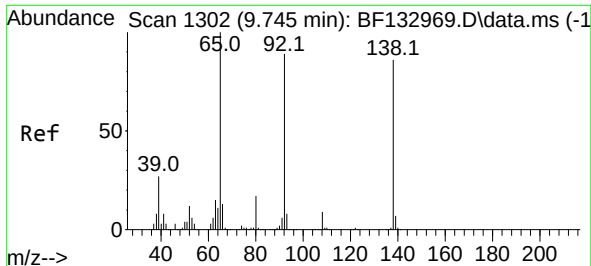
Ion Ratio Lower Upper

154 100

153 112.1 89.0 133.6

152 50.9 40.4 60.6

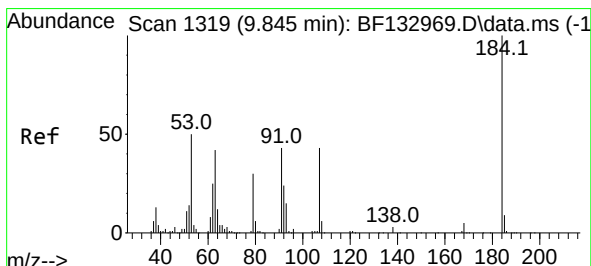
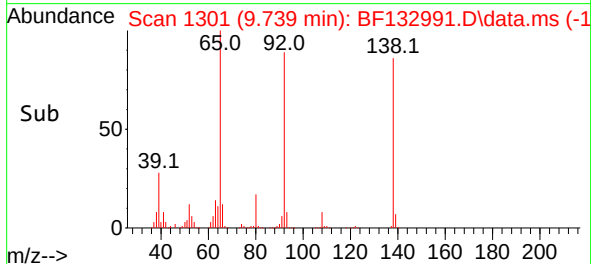
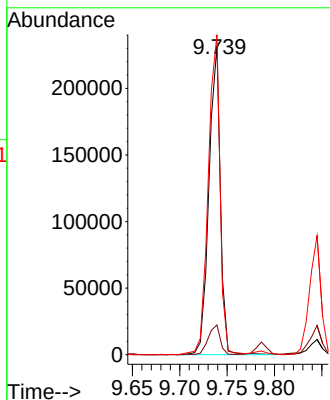
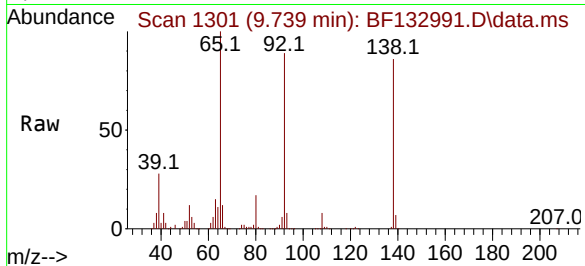




#53
3-Nitroaniline
Concen: 25.802 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

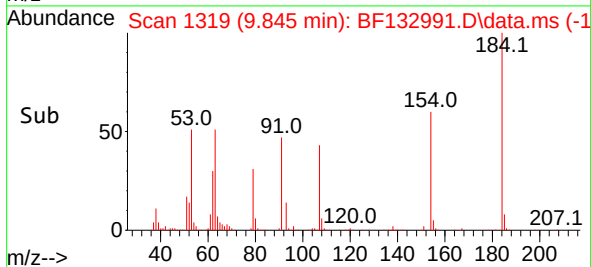
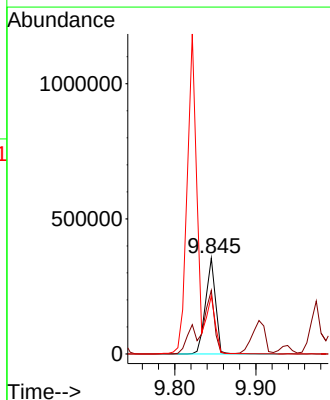
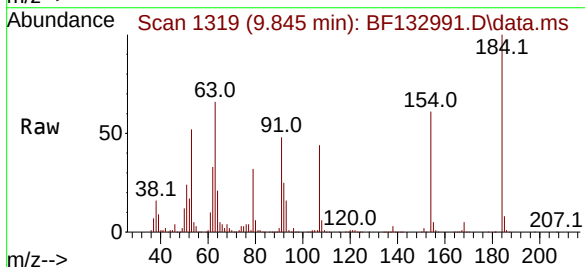
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

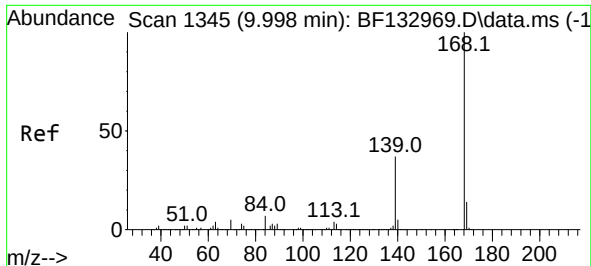
Tgt Ion:138 Resp: 193092
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 103.7 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 96.597 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:184 Resp: 305602
Ion Ratio Lower Upper
184 100
63 66.3 49.8 74.8
154 60.5 49.5 74.3

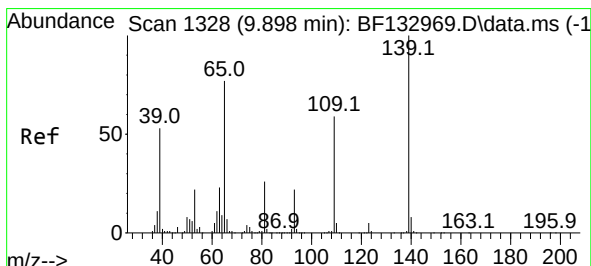
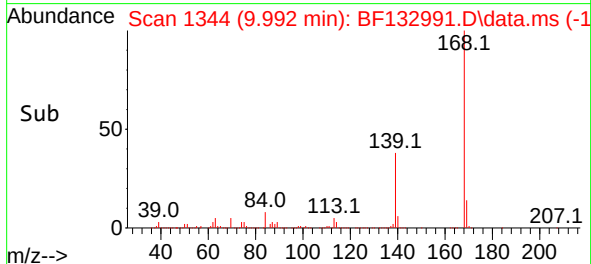
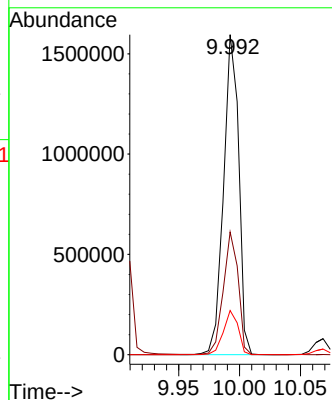
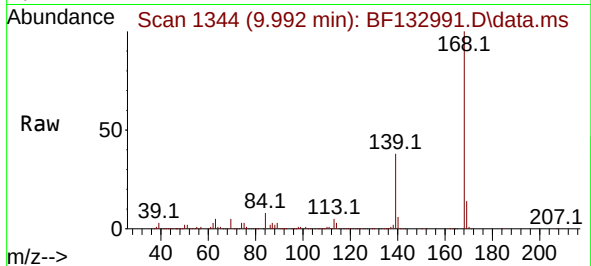




#55
Dibenzenofuran
Concen: 40.716 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

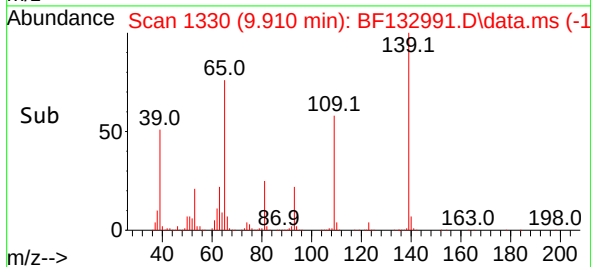
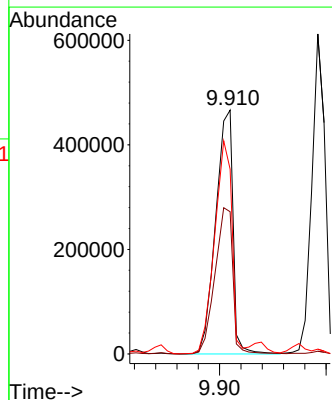
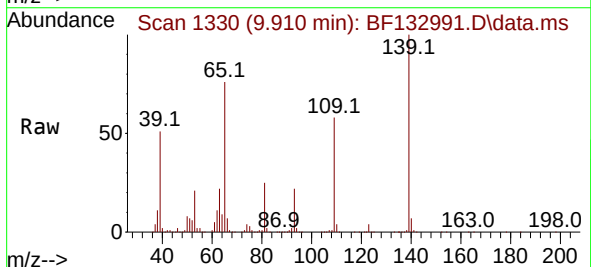
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

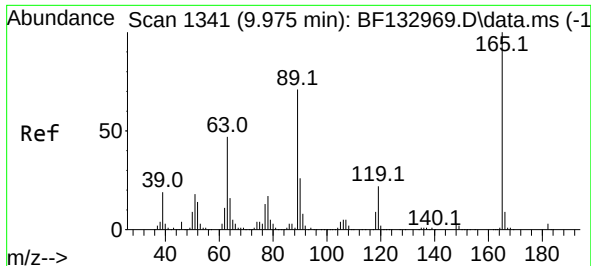
Tgt Ion:168 Resp: 1383470
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 90.458 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

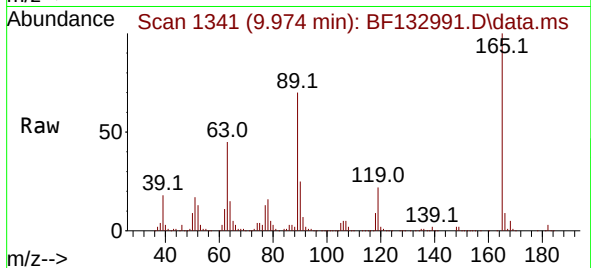
Tgt Ion:139 Resp: 524317
Ion Ratio Lower Upper
139 100
109 58.3 39.4 79.4
65 75.8 57.5 97.5



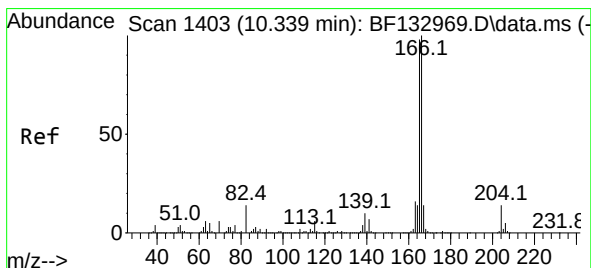
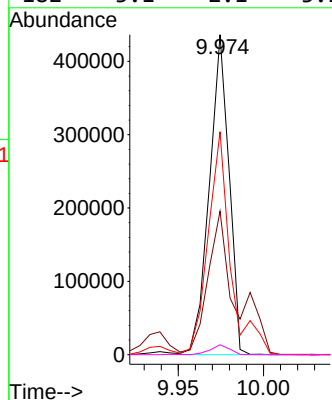
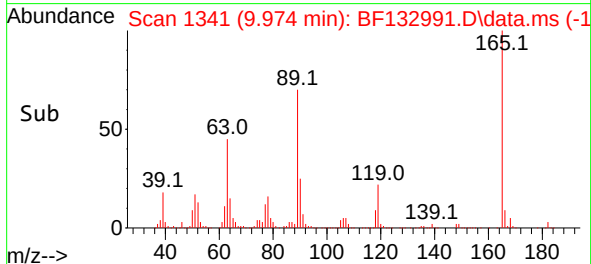


#57
2,4-Dinitrotoluene
Concen: 43.641 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

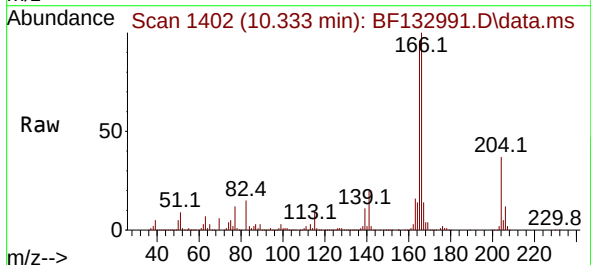
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



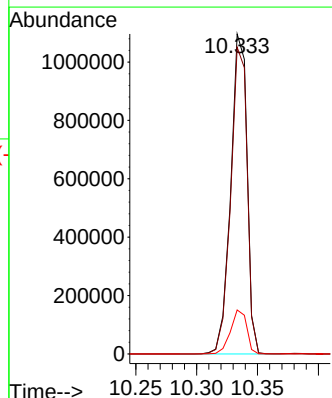
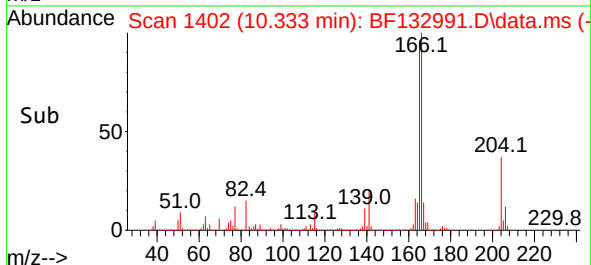
Tgt Ion:165 Resp: 350286
Ion Ratio Lower Upper
165 100
63 44.9 37.7 56.5
89 69.7 57.0 85.4
182 3.1 2.1 3.1

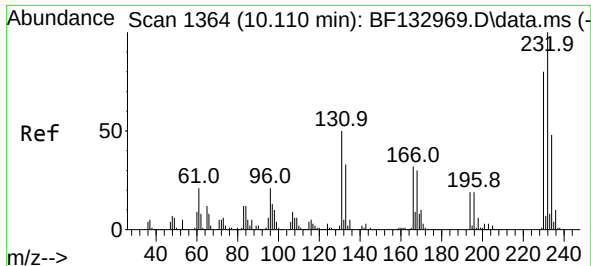


#58
Fluorene
Concen: 41.042 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:166 Resp: 1021717
Ion Ratio Lower Upper
166 100
165 95.8 78.6 117.8
167 13.7 11.0 16.4

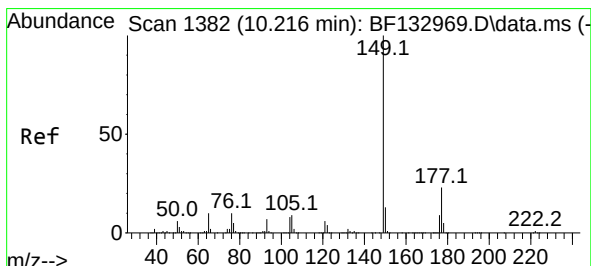
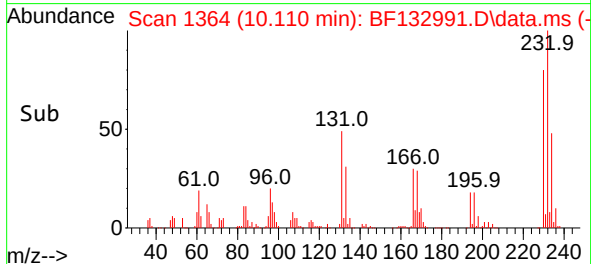
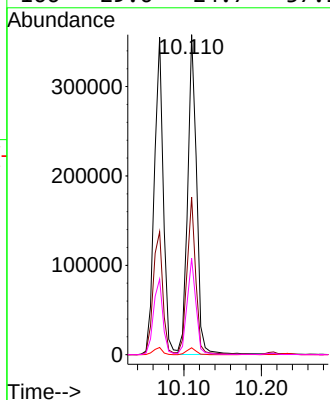
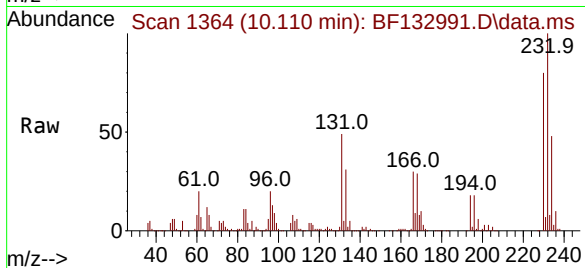




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.755 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

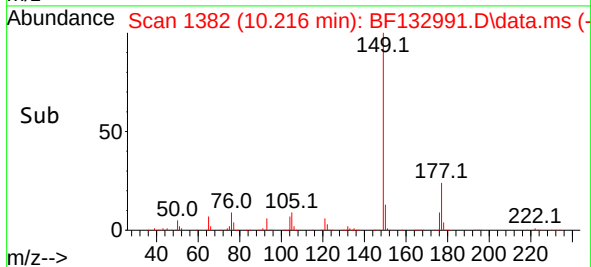
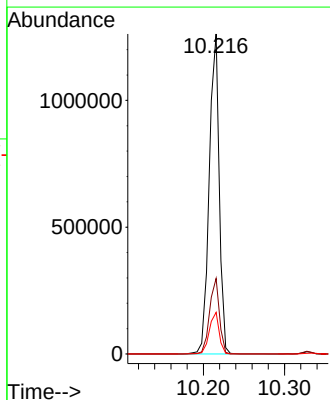
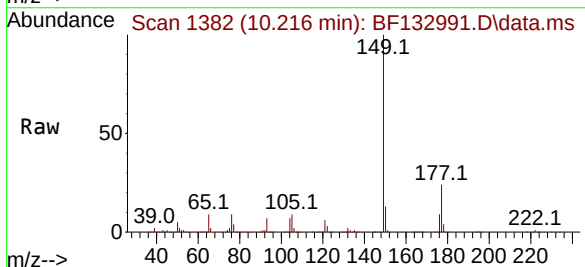
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

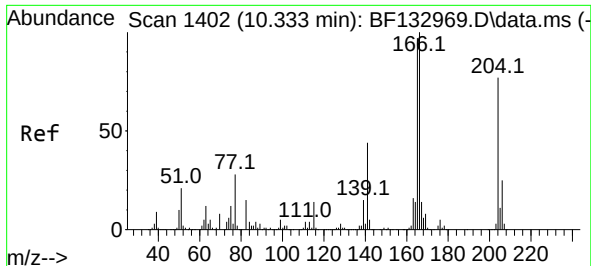
Tgt Ion:232 Resp: 285865
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.3 1.8 2.8
166 29.6 24.7 37.1



#60
Diethylphthalate
Concen: 40.644 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:149 Resp: 1073557
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 13.0 10.2 15.4

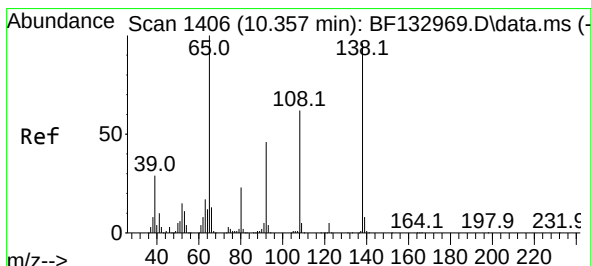
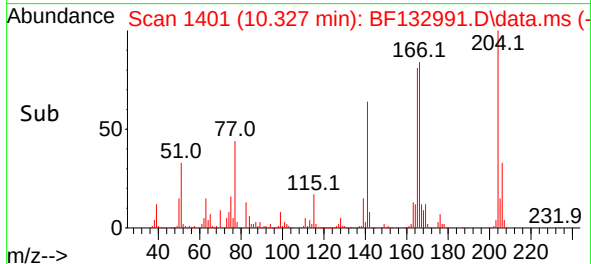
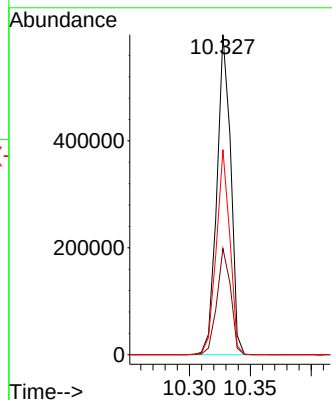
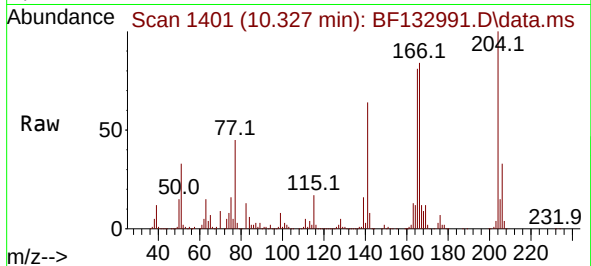




#61
4-Chlorophenyl-phenylether
Concen: 39.144 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

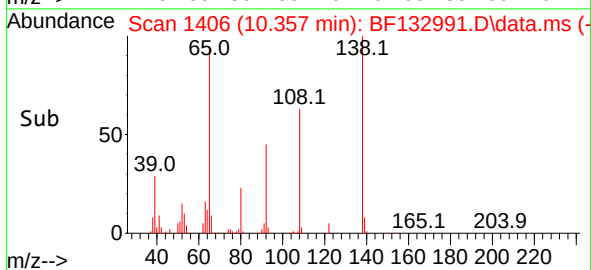
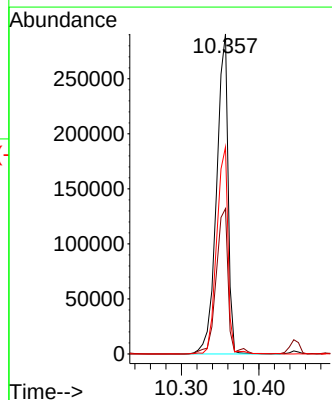
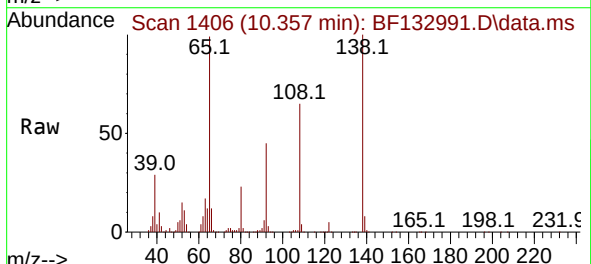
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

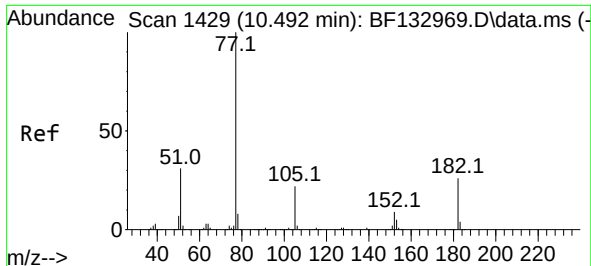
Tgt Ion:204 Resp: 474875
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 64.1 46.1 69.1



#62
4-Nitroaniline
Concen: 43.558 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:138 Resp: 299603
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 64.6 45.2 85.2

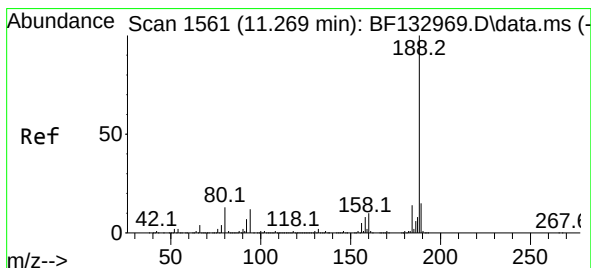
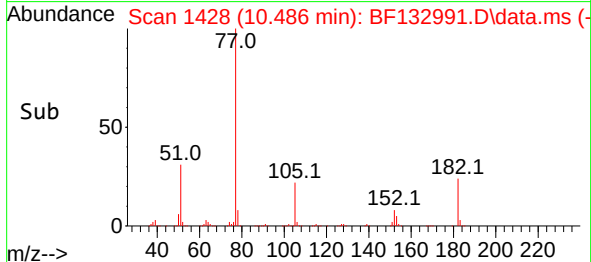
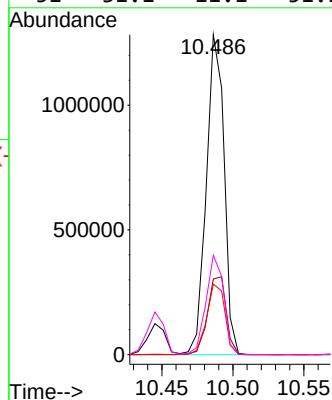
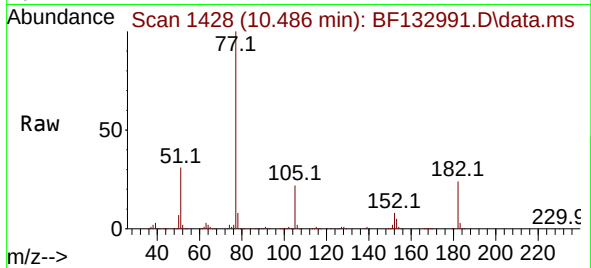




#63
Azobenzene
Concen: 39.916 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

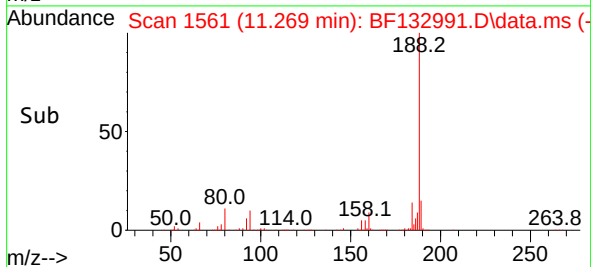
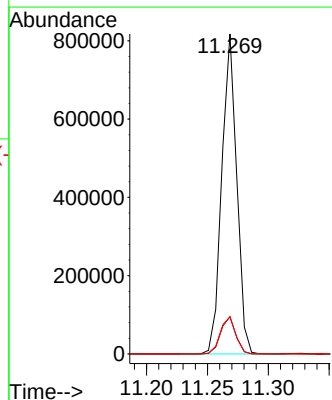
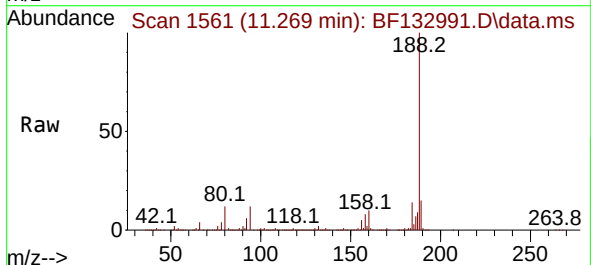
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

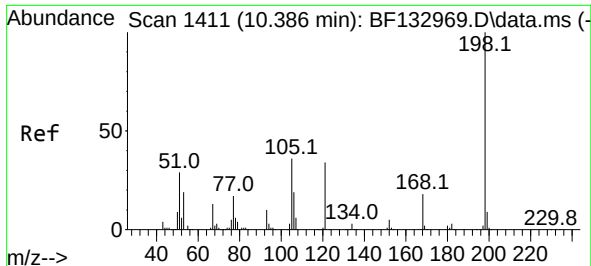
Tgt Ion: 77 Resp: 1116910
Ion Ratio Lower Upper
77 100
182 23.7 5.9 45.9
105 22.1 2.3 42.3
51 31.1 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:188 Resp: 699300
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.6 10.4 15.6

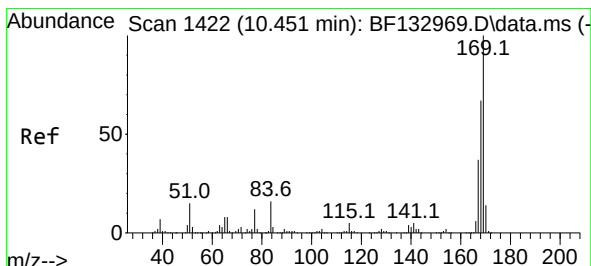
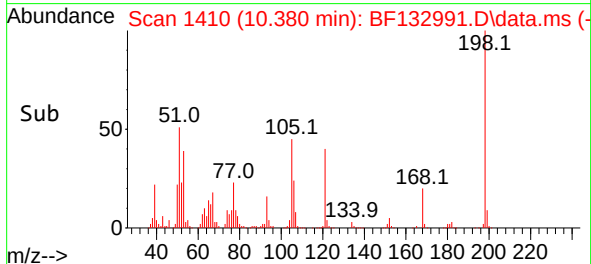
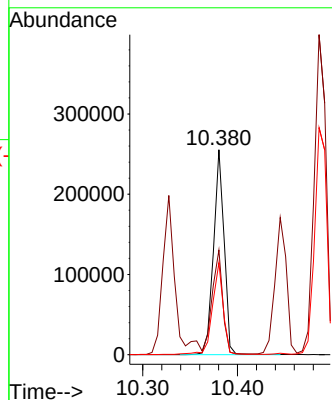
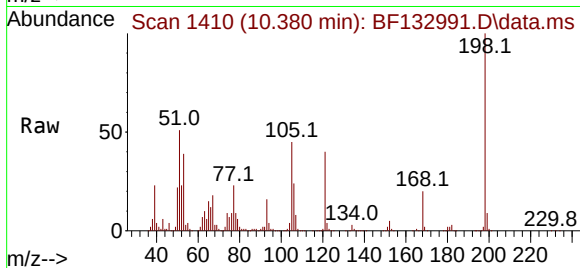




#65
4,6-Dinitro-2-methylphenol
Concen: 46.913 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

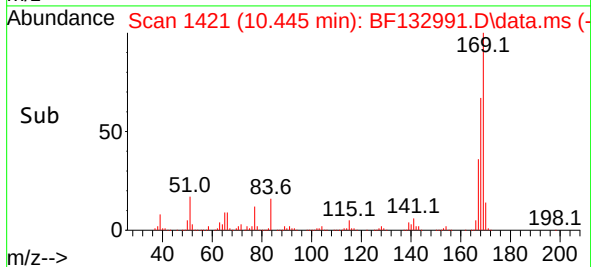
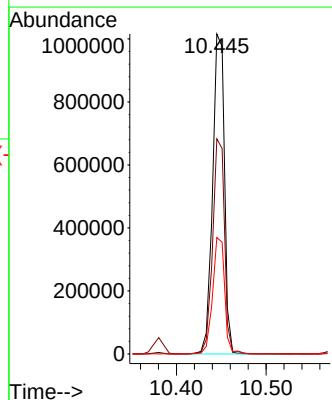
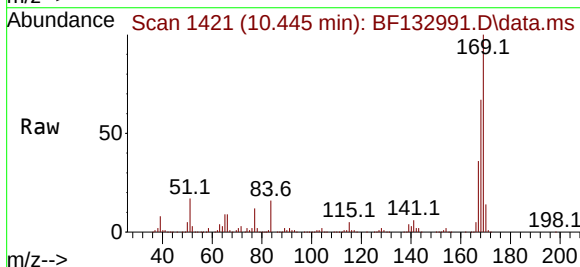
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

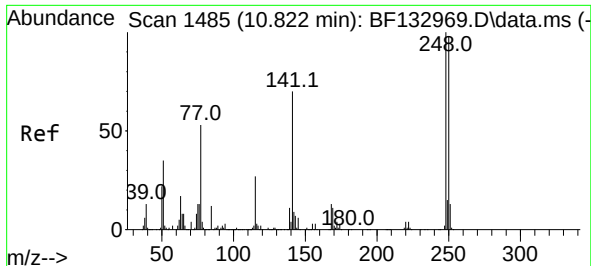
Tgt Ion:198 Resp: 198847
Ion Ratio Lower Upper
198 100
51 51.0 15.5 55.5
105 44.9 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.007 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:169 Resp: 930172
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 36.4 29.7 44.5

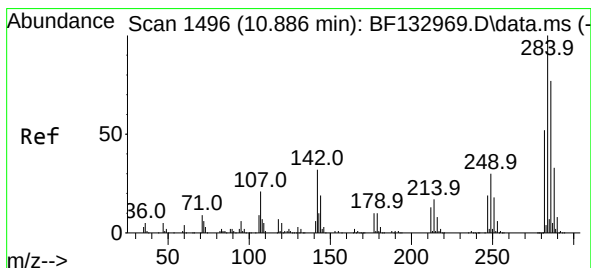
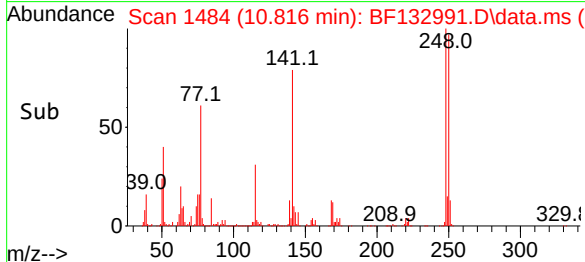
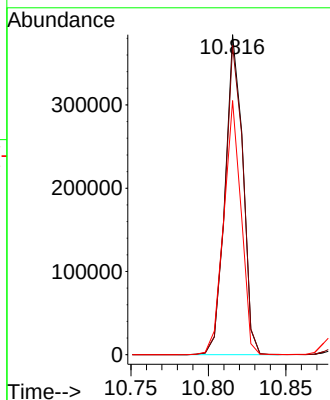
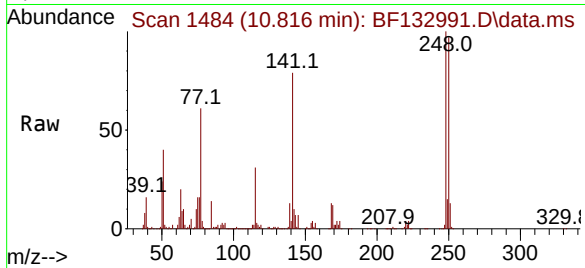




#67
4-Bromophenyl-phenylether
Concen: 40.310 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

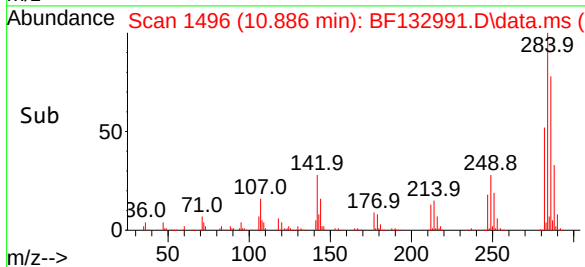
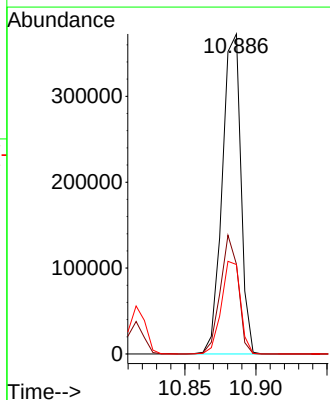
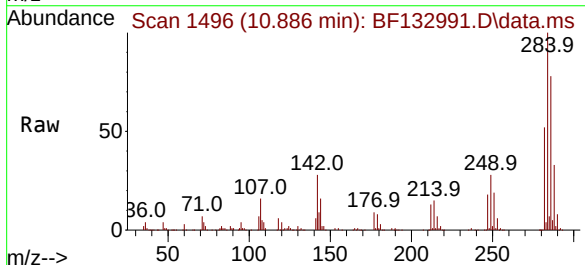
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

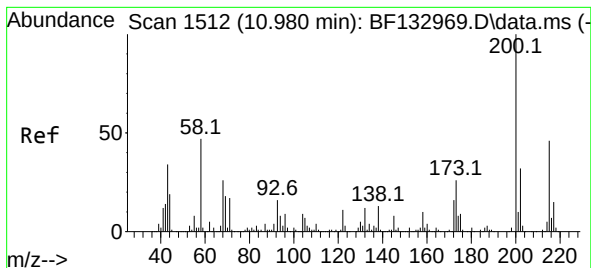
Tgt Ion:248 Resp: 305722
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 79.4 56.3 84.5



#68
Hexachlorobenzene
Concen: 43.517 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:284 Resp: 338193
Ion Ratio Lower Upper
284 100
142 28.1 26.0 39.0
249 27.9 23.7 35.5





#69

Atrazine

Concen: 48.265 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

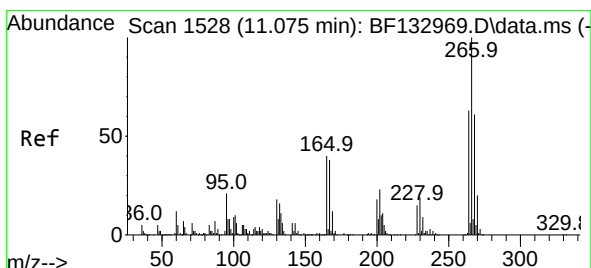
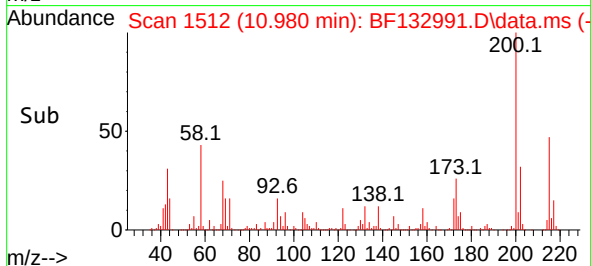
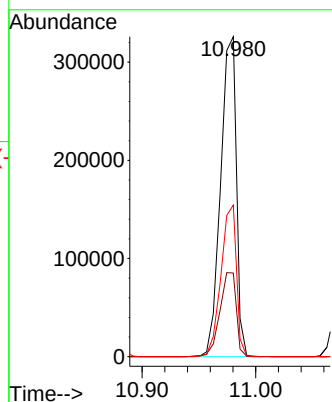
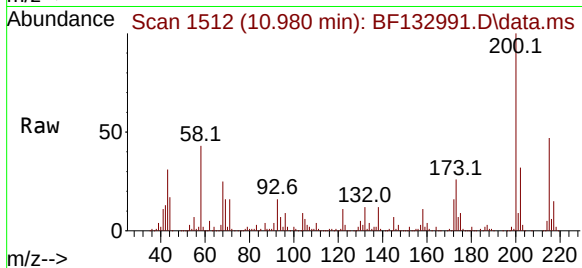
Tgt Ion:200 Resp: 315464

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

215 47.4 26.3 66.3



#70

Pentachlorophenol

Concen: 77.249 ng

RT: 11.074 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

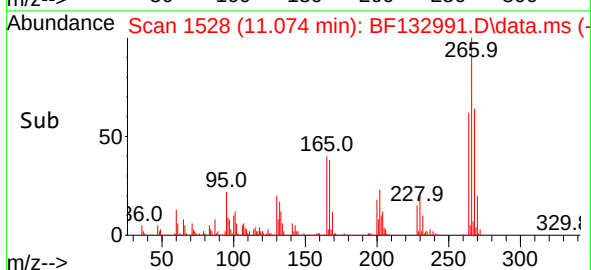
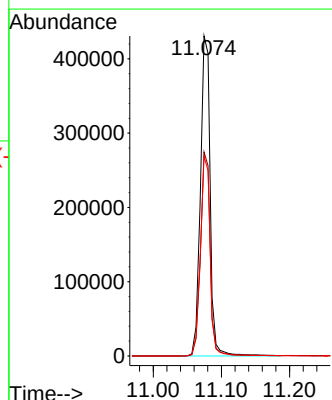
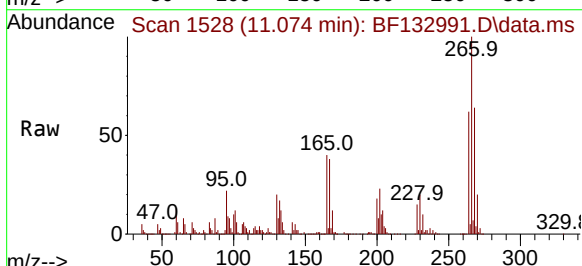
Tgt Ion:266 Resp: 427562

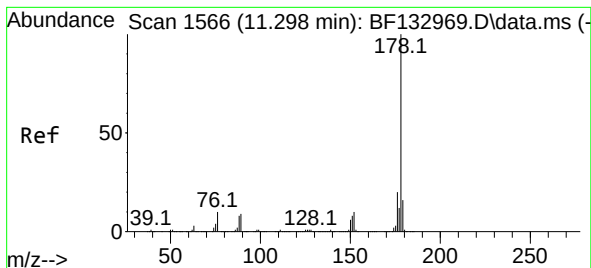
Ion Ratio Lower Upper

266 100

268 63.8 48.8 73.2

264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 41.531 ng

RT: 11.292 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

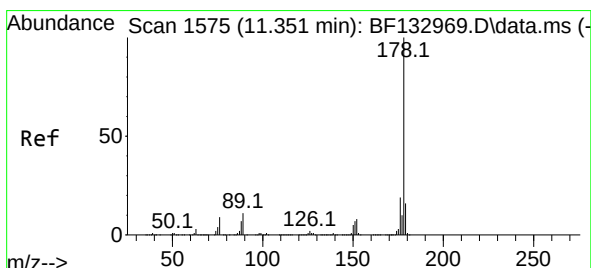
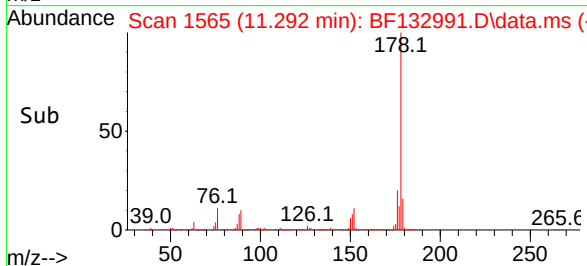
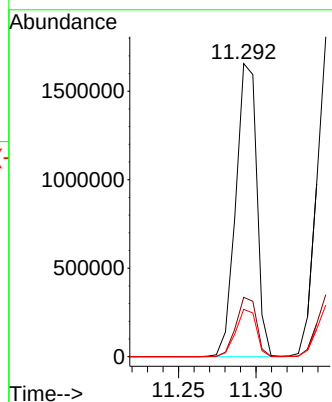
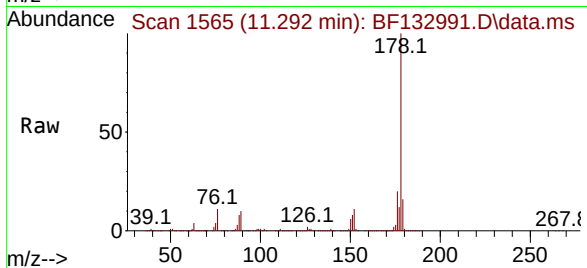
Tgt Ion:178 Resp: 1560957

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 16.1 12.5 18.7



#72

Anthracene

Concen: 42.012 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

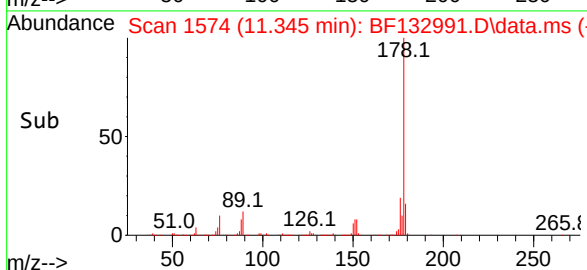
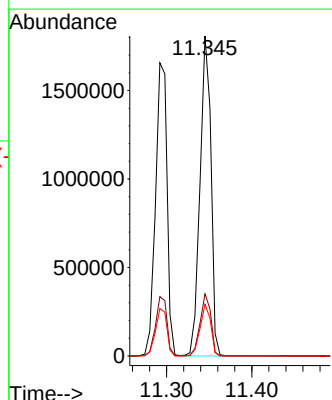
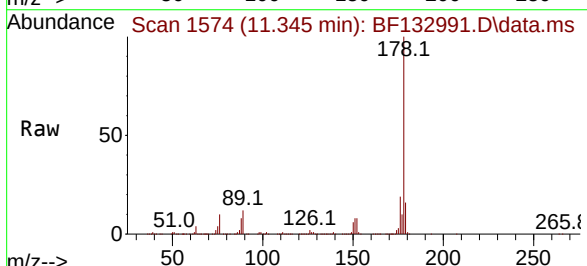
Tgt Ion:178 Resp: 1615981

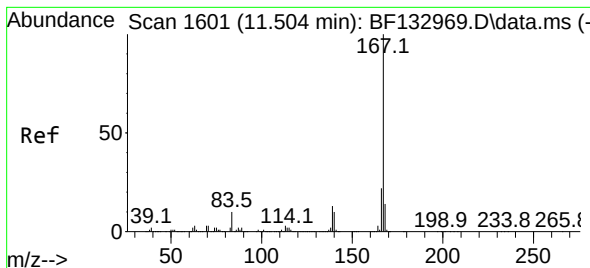
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.1 12.4 18.6





#73

Carbazole

Concen: 43.598 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

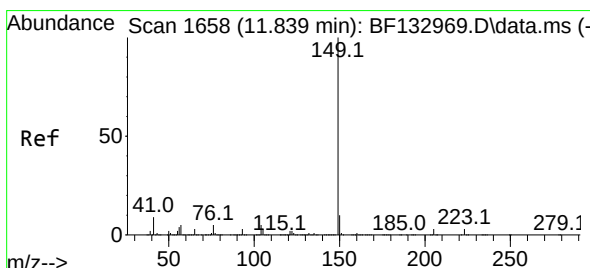
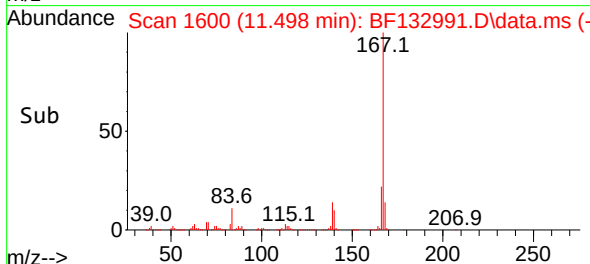
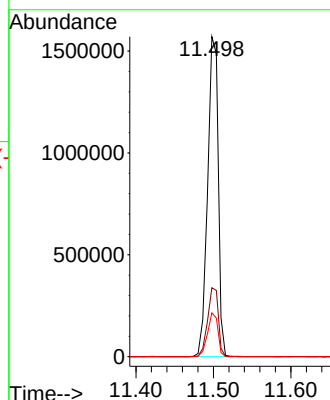
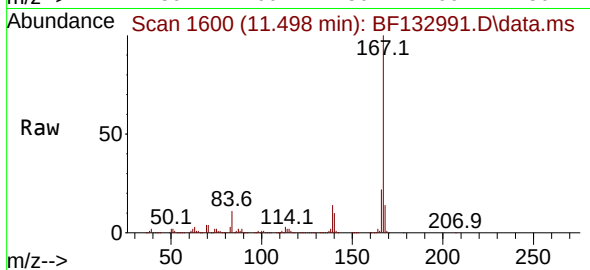
Tgt Ion:167 Resp: 1493219

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.841 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

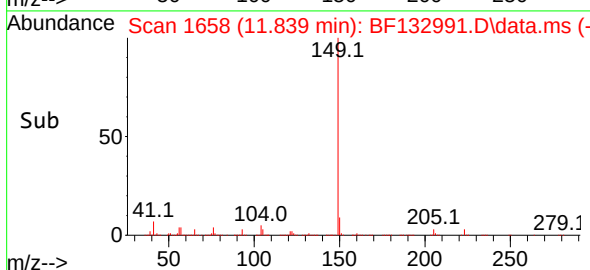
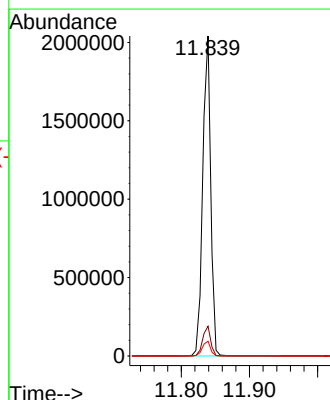
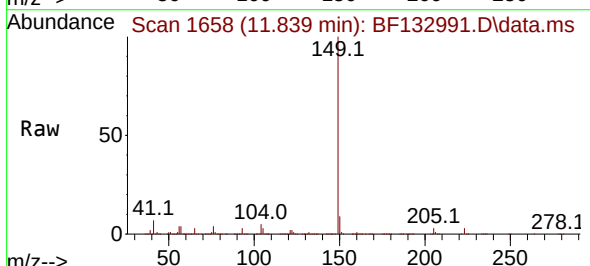
Tgt Ion:149 Resp: 1660463

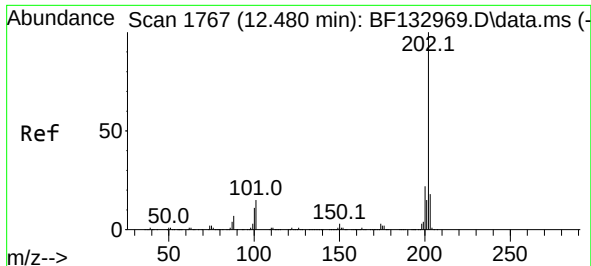
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.6 4.0 6.0

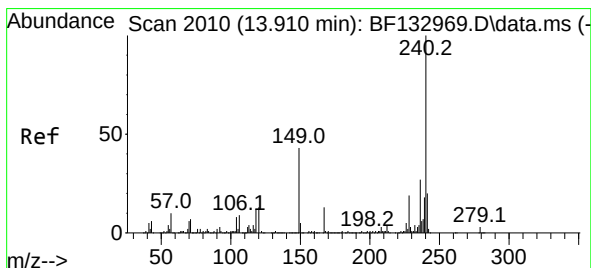
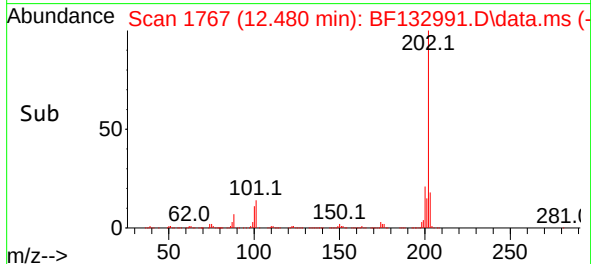
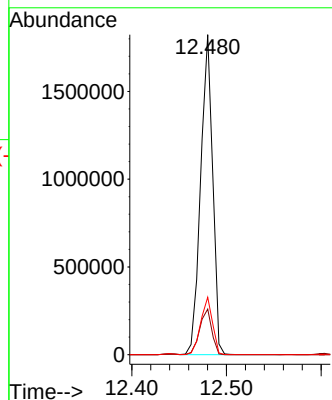
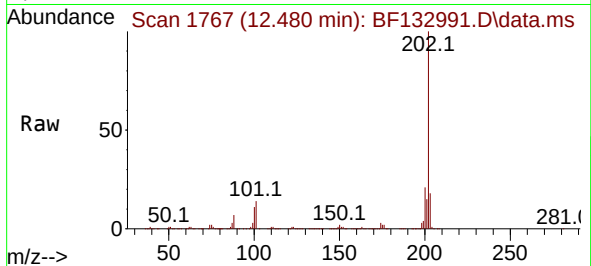




#75
Fluoranthene
Concen: 42.604 ng
RT: 12.480 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

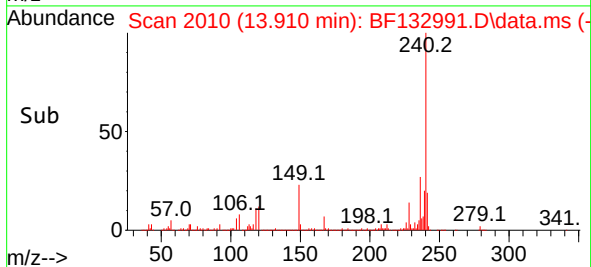
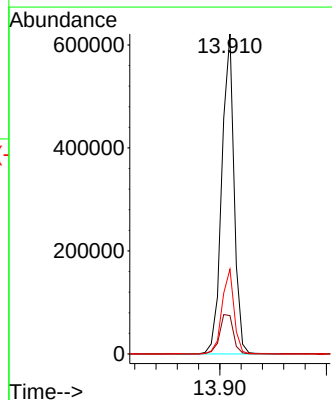
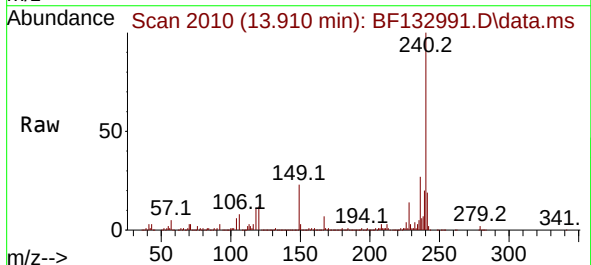
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

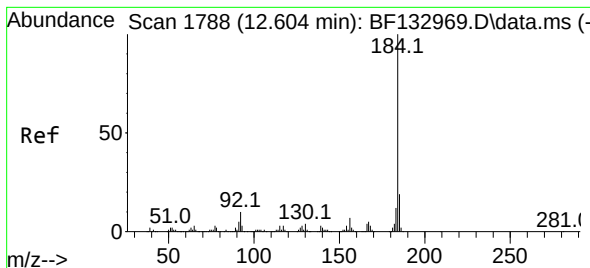
Tgt Ion:202 Resp: 1607062
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:240 Resp: 497399
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 26.5 21.5 32.3





#77

Benzidine

Concen: 108.072 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

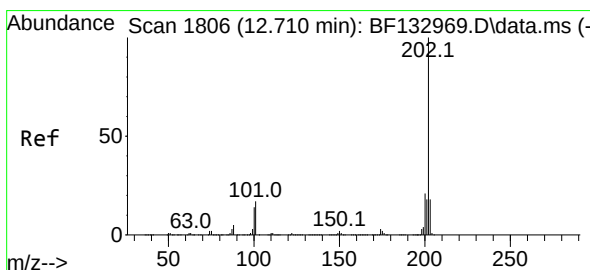
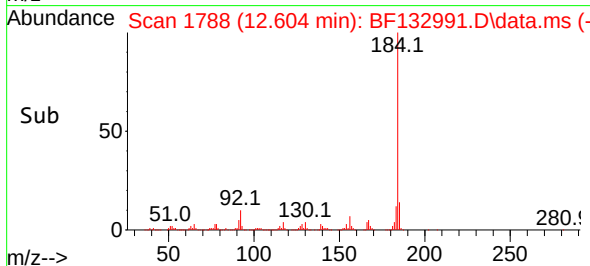
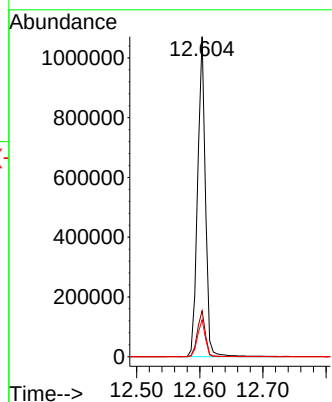
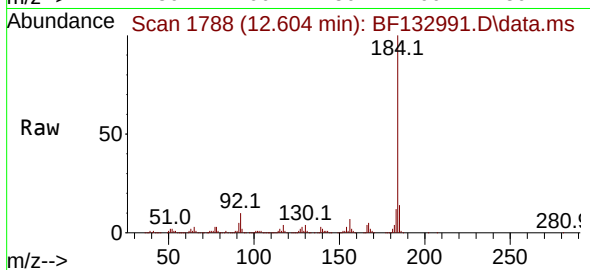
Tgt Ion:184 Resp: 909021

Ion Ratio Lower Upper

184 100

185 14.3 15.4 23.2#

183 11.6 9.4 14.0



#78

Pyrene

Concen: 38.748 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

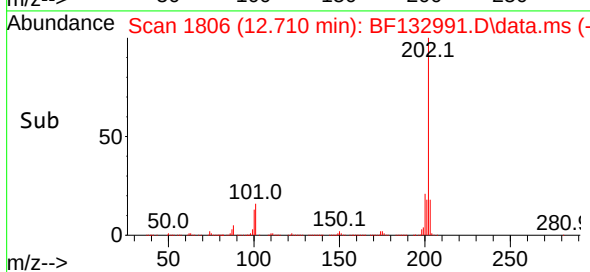
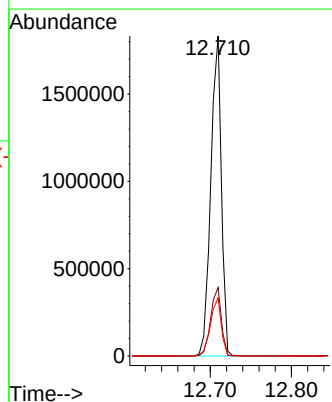
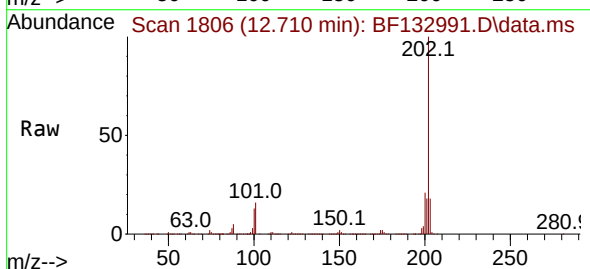
Tgt Ion:202 Resp: 1652170

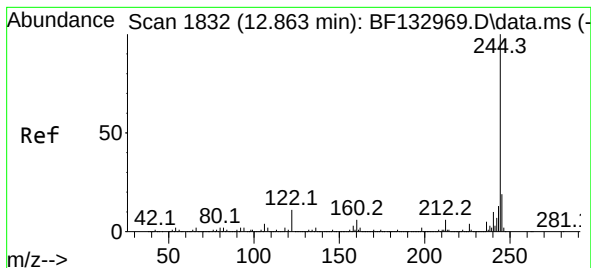
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 80.554 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

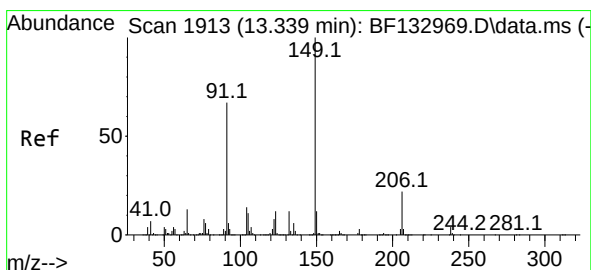
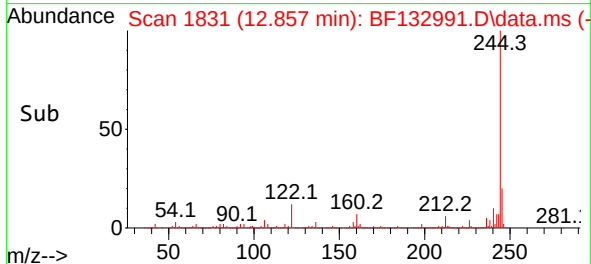
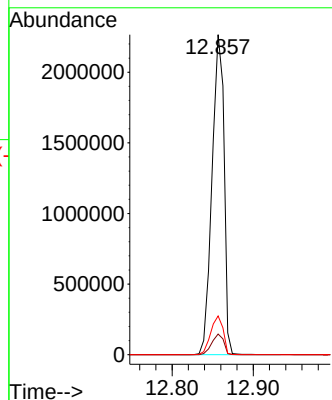
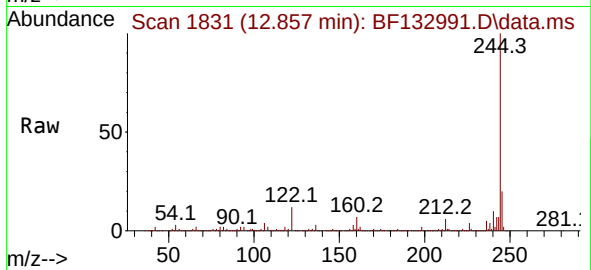
Tgt Ion:244 Resp: 2323212

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 45.673 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

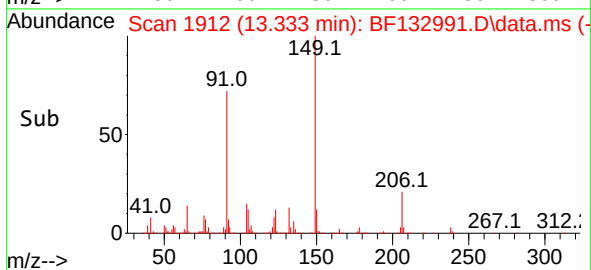
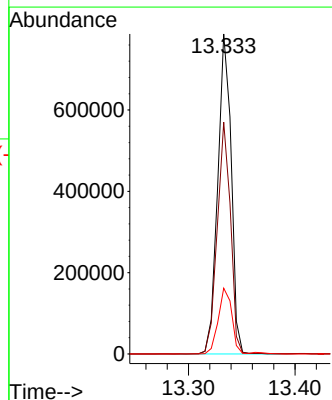
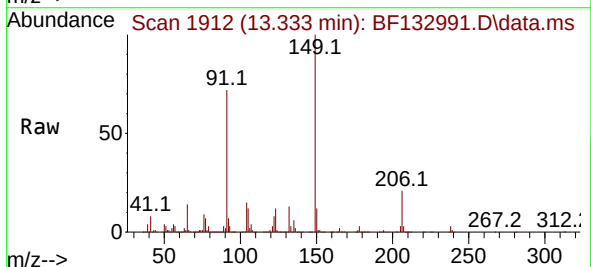
Tgt Ion:149 Resp: 689537

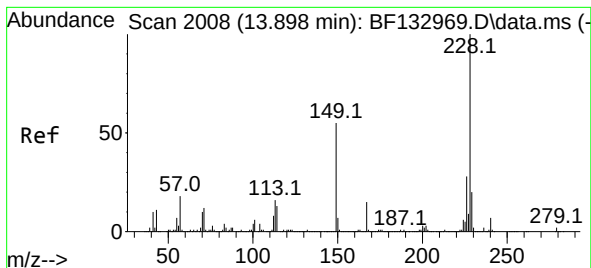
Ion Ratio Lower Upper

149 100

91 72.5 53.8 80.6

206 20.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 41.977 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

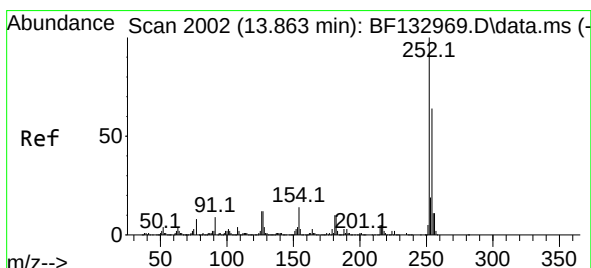
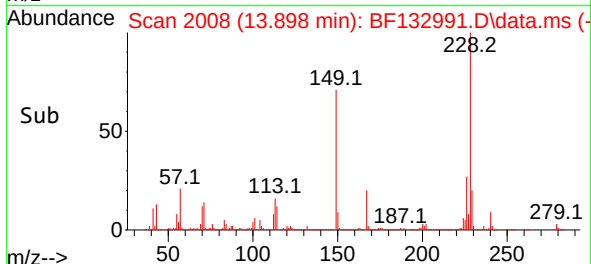
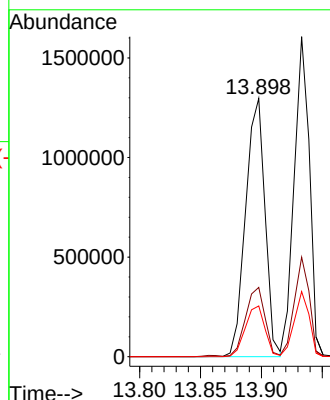
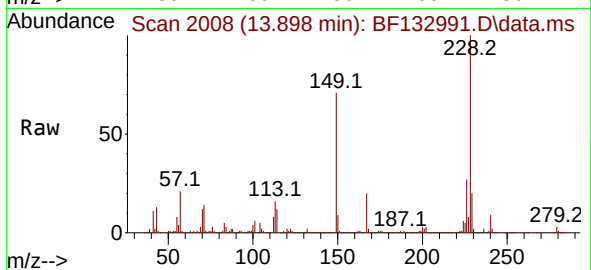
Tgt Ion:228 Resp: 1435789

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.709 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

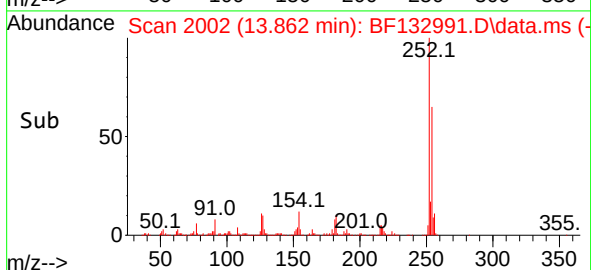
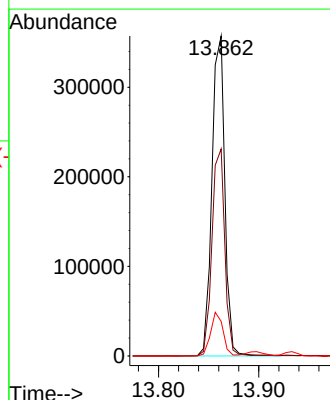
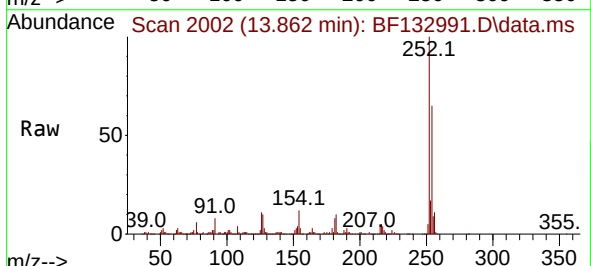
Tgt Ion:252 Resp: 318520

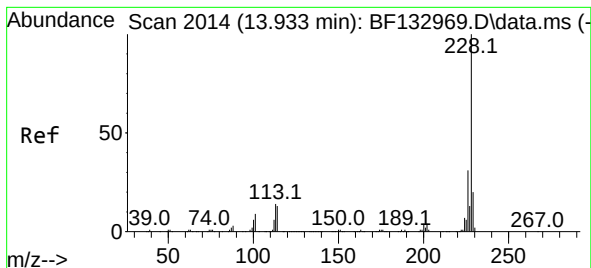
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 10.8 9.5 14.3





#83

Chrysene

Concen: 41.127 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

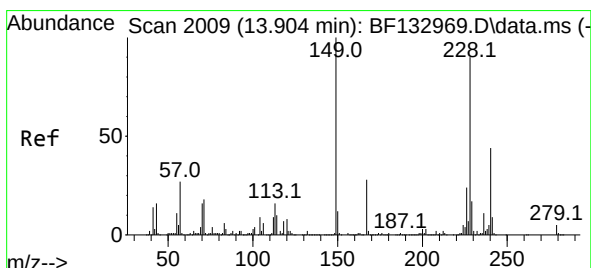
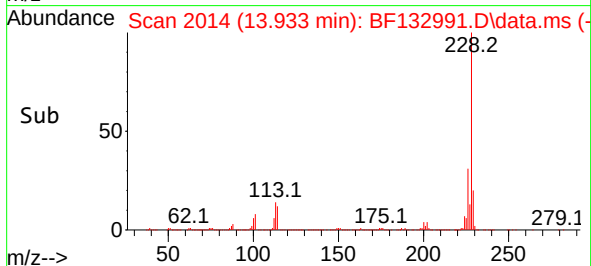
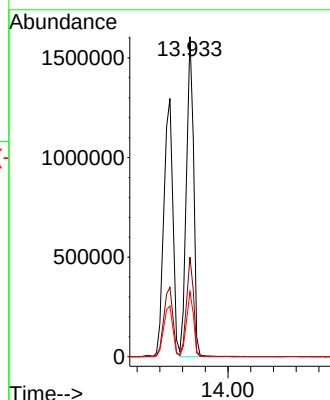
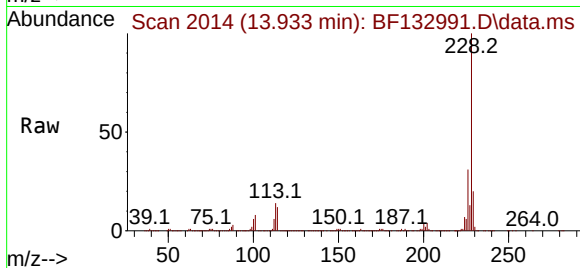
Tgt Ion:228 Resp: 1406379

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.956 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

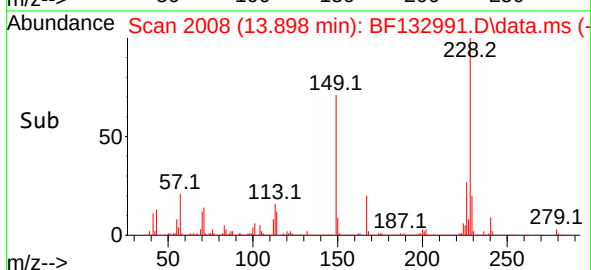
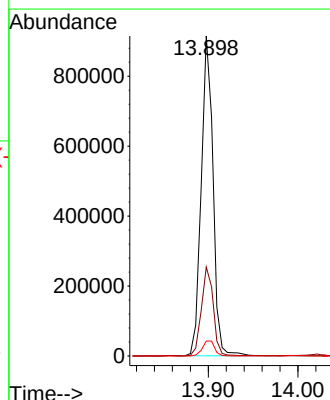
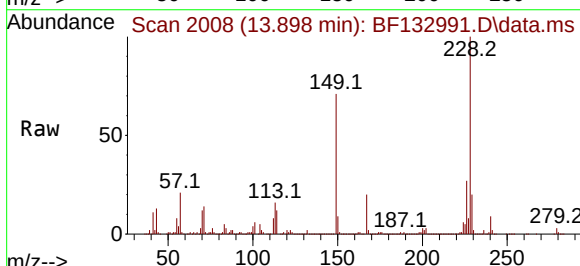
Tgt Ion:149 Resp: 832950

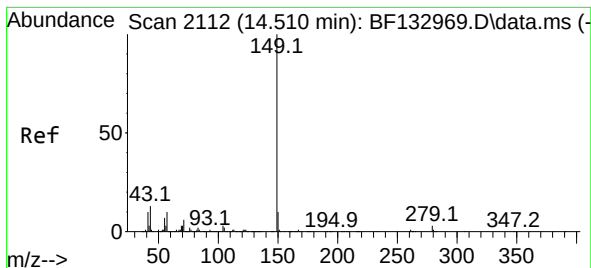
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 53.597 ng

RT: 14.509 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

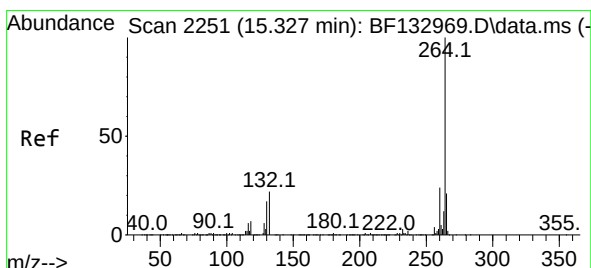
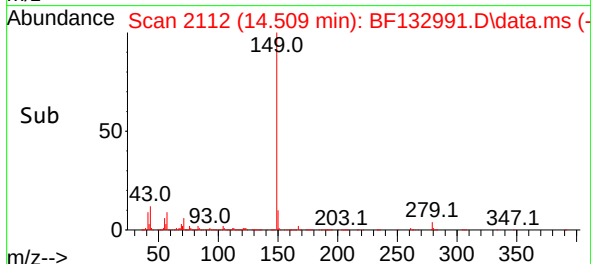
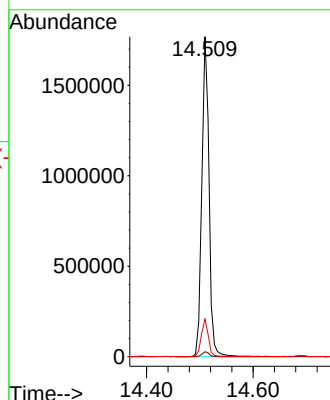
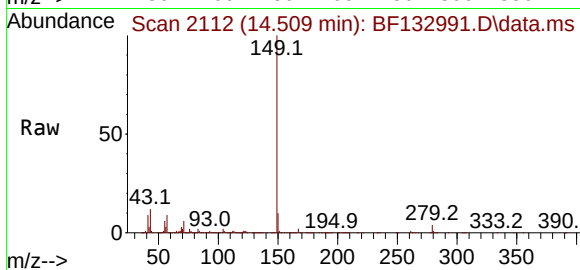
Tgt Ion:149 Resp: 1656076

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

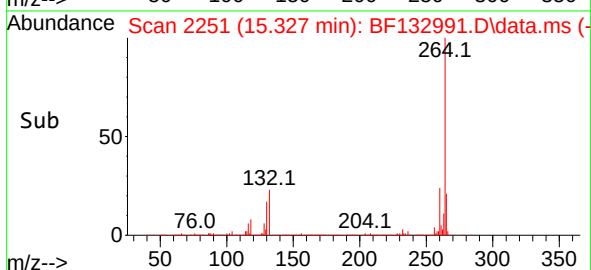
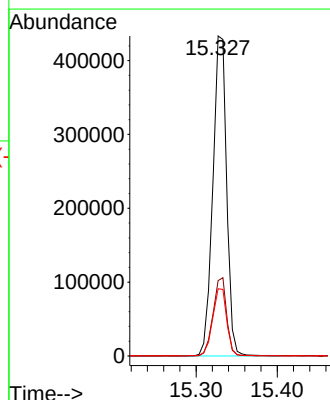
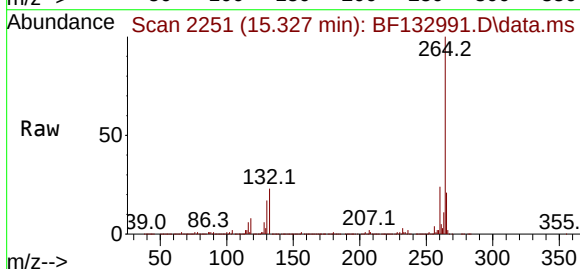
Tgt Ion:264 Resp: 511334

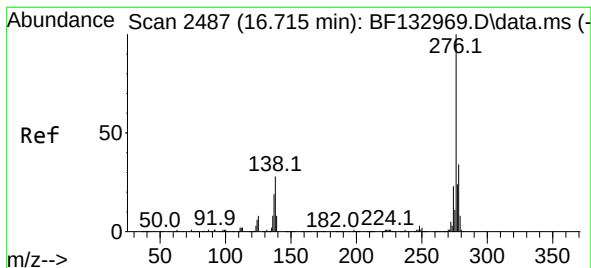
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.483 ng

RT: 16.721 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

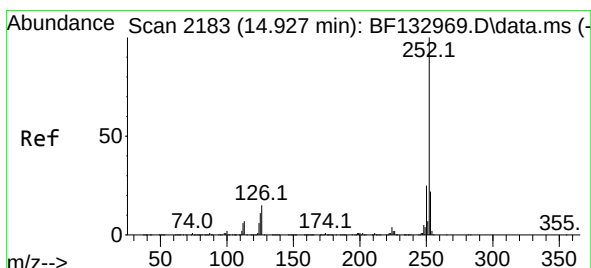
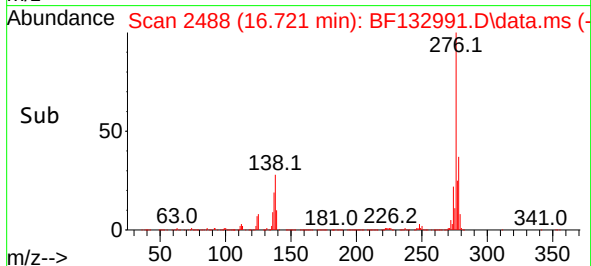
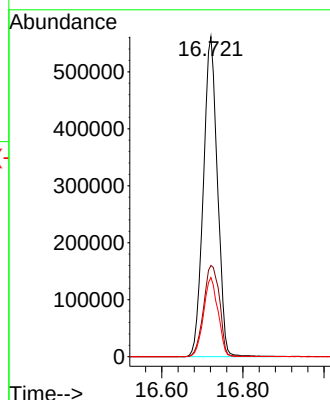
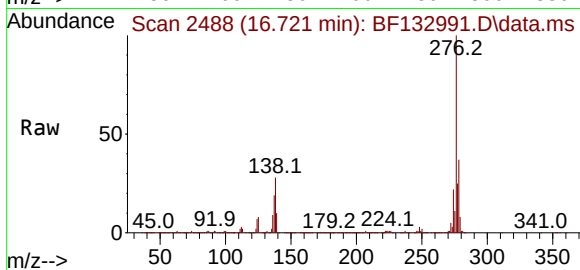
Tgt Ion:276 Resp: 1351984

Ion Ratio Lower Upper

276 100

138 32.2 25.5 38.3

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.936 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

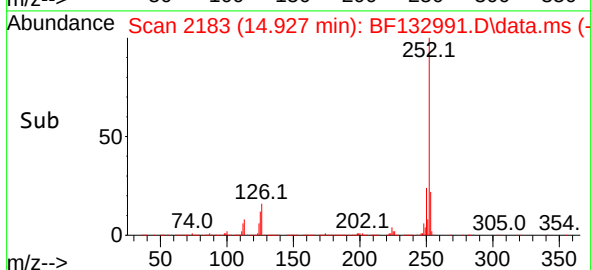
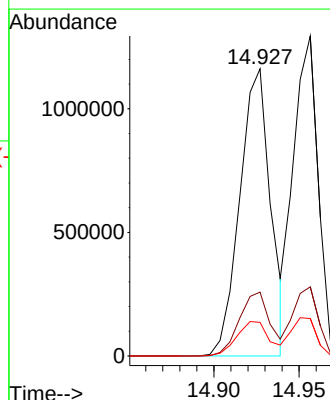
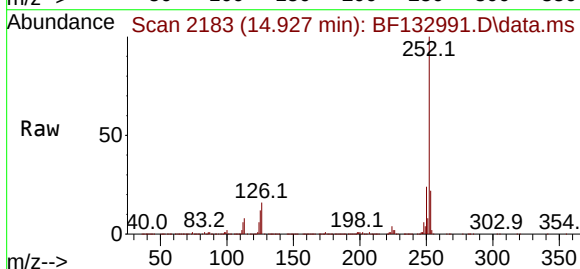
Tgt Ion:252 Resp: 1461794

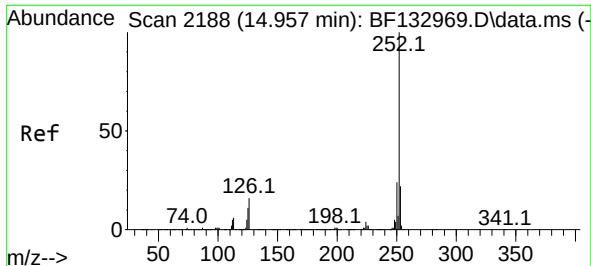
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.7 8.9 13.3

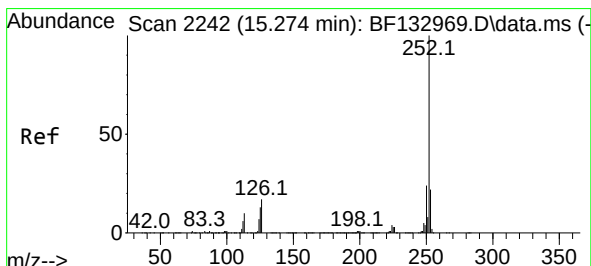
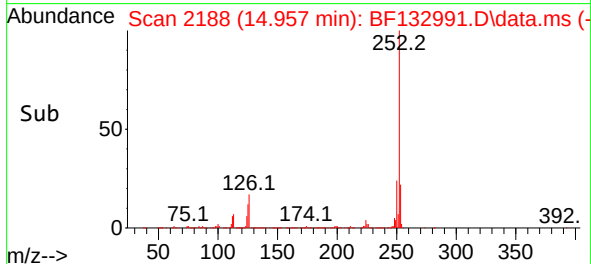
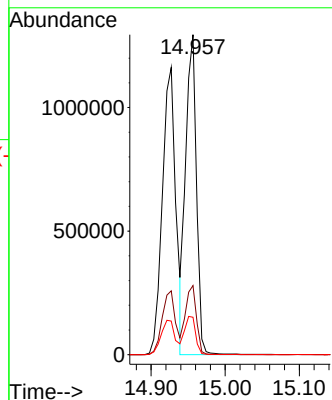
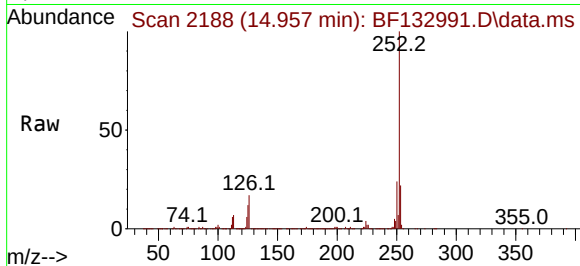




#89
Benzo(k)fluoranthene
Concen: 40.735 ng
RT: 14.957 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

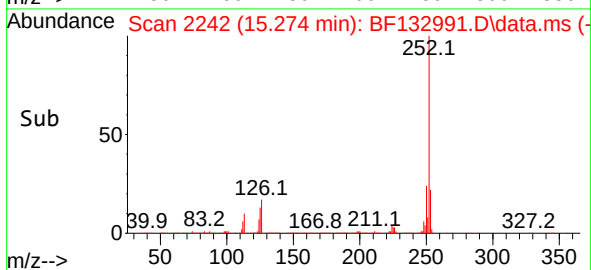
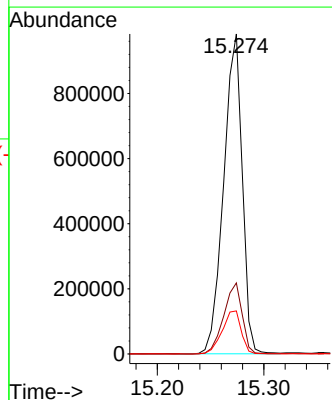
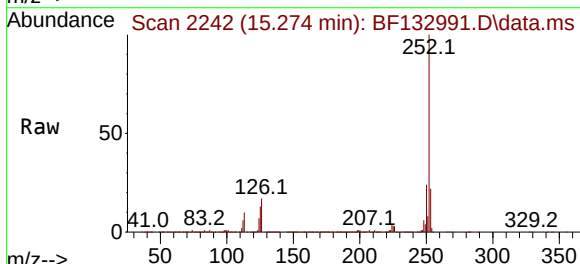
Instrument :
BNA_F
ClientSampleId :
PB152338BSD

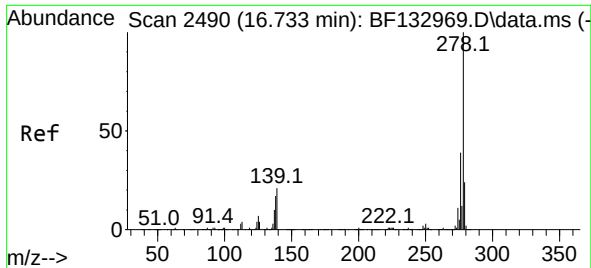
Tgt Ion:252 Resp: 1313595
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 40.015 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:252 Resp: 1184816
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.4 10.5 15.7

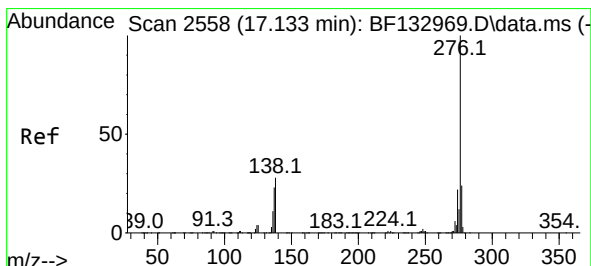
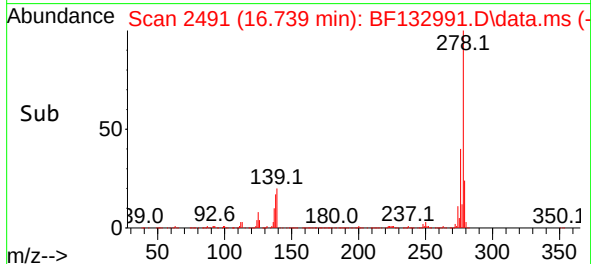
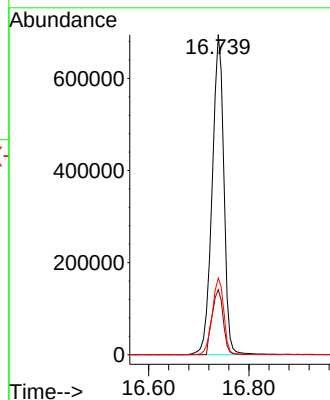
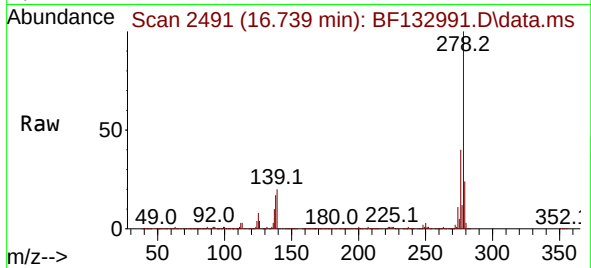




#91
Dibenzo(a,h)anthracene
Concen: 46.487 ng
RT: 16.739 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:278 Resp: 1127716
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.380 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:276 Resp: 1110790
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 28.8 22.7 34.1

