

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133115.D
 Acq On : 28 Apr 2023 10:47
 Operator : CG\JU
 Sample : PB152460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152460BS

Quant Time: Apr 28 13:00:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	195818	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	817481	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	432093	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	762637	20.000	ng	0.00
76) Chrysene-d12	13.892	240	503022	20.000	ng	0.00
86) Perylene-d12	15.310	264	426531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1616619	124.712	ng	0.02
7) Phenol-d6	6.387	99	1951877	121.313	ng	0.00
23) Nitrobenzene-d5	7.304	82	1205551	79.600	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	533119	122.682	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2108172	81.625	ng	0.00
79) Terphenyl-d14	12.845	244	2397213	82.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	213507	35.510	ng	97
3) Pyridine	3.175	79	564499	35.348	ng	96
4) n-Nitrosodimethylamine	3.134	42	335281	40.534	ng	93
6) Aniline	6.398	93	734749	35.456	ng	# 32
8) 2-Chlorophenol	6.522	128	598492	45.473	ng	97
9) Benzaldehyde	6.281	77	320210	45.070	ng	99
10) Phenol	6.398	94	697232	39.281	ng	# 67
11) bis(2-Chloroethyl)ether	6.475	93	557857	41.882	ng	99
12) 1,3-Dichlorobenzene	6.681	146	617253	44.111	ng	97
13) 1,4-Dichlorobenzene	6.757	146	617544	44.034	ng	97
14) 1,2-Dichlorobenzene	6.910	146	607209	46.964	ng	98
15) Benzyl Alcohol	6.887	79	468318	42.137	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	893682	38.630	ng	93
17) 2-Methylphenol	7.004	107	518325	43.008	ng	99
18) Hexachloroethane	7.251	117	213848	43.860	ng	100
19) n-Nitroso-di-n-propyla...	7.163	70	390814	39.016	ng	94
20) 3+4-Methylphenols	7.157	107	588183	41.442	ng	# 89
22) Acetophenone	7.151	105	802544	42.380	ng	# 97
24) Nitrobenzene	7.322	77	601240	39.177	ng	97
25) Isophorone	7.563	82	1124661	39.112	ng	99
26) 2-Nitrophenol	7.640	139	339096	45.810	ng	94
27) 2,4-Dimethylphenol	7.687	122	550872	43.400	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	678661	39.895	ng	99
29) 2,4-Dichlorophenol	7.887	162	503997	43.618	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	517168	43.203	ng	99
31) Naphthalene	8.045	128	1656263	40.524	ng	100
32) Benzoic acid	7.822	122	392425	50.053	ng	96
33) 4-Chloroaniline	8.092	127	460332	27.876	ng	100
34) Hexachlorobutadiene	8.163	225	278851	42.029	ng	99
35) Caprolactam	8.510	113	62621	16.132	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	544885	43.729	ng	99
37) 2-Methylnaphthalene	8.734	142	1115557	39.923	ng	98
38) 1-Methylnaphthalene	8.834	142	1042145	39.868	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	467123	40.208	ng	99
41) Hexachlorocyclopentadiene	8.892	237	611793	90.295	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	333068	41.455	ng	99

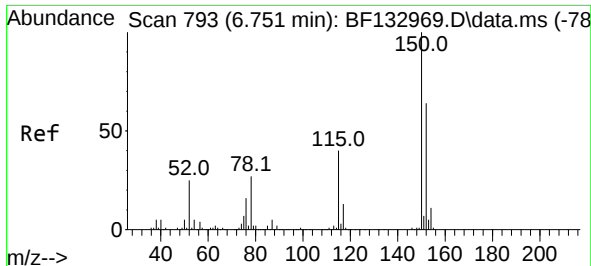
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	363505	39.120	ng	98
46) 1,1'-Biphenyl	9.204	154	1372498	40.058	ng	98
47) 2-Chloronaphthalene	9.222	162	1029788	41.063	ng	98
48) 2-Nitroaniline	9.322	65	325176	39.233	ng	93
49) Acenaphthylene	9.639	152	1574130	39.283	ng	100
50) Dimethylphthalate	9.504	163	1211396	40.207	ng	99
51) 2,6-Dinitrotoluene	9.563	165	279711	41.248	ng	90
52) Acenaphthene	9.810	154	1009842	37.628	ng	100
53) 3-Nitroaniline	9.728	138	263939	32.734	ng	99
54) 2,4-Dinitrophenol	9.839	184	343126	100.665	ng	94
55) Dibenzofuran	9.981	168	1451045	39.636	ng	98
56) 4-Nitrophenol	9.904	139	532043	85.195	ng	98
57) 2,4-Dinitrotoluene	9.969	165	378501	43.767	ng	# 85
58) Fluorene	10.322	166	1077111	40.159	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	304891	42.324	ng	97
60) Diethylphthalate	10.204	149	1130007	39.707	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	514919	39.395	ng	97
62) 4-Nitroaniline	10.351	138	337113	45.490	ng	91
63) Azobenzene	10.475	77	1125003	37.317	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	222408	48.114	ng	90
66) n-Nitrosodiphenylamine	10.439	169	988610	39.963	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	335523	40.565	ng	97
68) Hexachlorobenzene	10.875	284	372456	43.945	ng	95
69) Atrazine	10.969	200	327396	45.930	ng	97
70) Pentachlorophenol	11.069	266	453415	75.117	ng	98
71) Phenanthrene	11.281	178	1640155	40.014	ng	99
72) Anthracene	11.333	178	1673276	39.889	ng	99
73) Carbazole	11.486	167	1549558	41.485	ng	99
74) Di-n-butylphthalate	11.822	149	1760446	41.648	ng	99
75) Fluoranthene	12.469	202	1684982	40.960	ng	97
77) Benzidine	12.586	184	790813	92.967	ng	# 93
78) Pyrene	12.698	202	1737646	40.297	ng	99
80) Butylbenzylphthalate	13.322	149	729297	47.767	ng	98
81) Benzo(a)anthracene	13.886	228	1387511	40.112	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	408430	42.741	ng	99
83) Chrysene	13.922	228	1369460	39.600	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	825889	43.096	ng	100
85) Di-n-octyl phthalate	14.492	149	1465434	46.897	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1166811	48.092	ng	99
88) Benzo(b)fluoranthene	14.910	252	1261982	46.507	ng	99
89) Benzo(k)fluoranthene	14.939	252	1123582	41.770	ng	100
90) Benzo(a)pyrene	15.251	252	1022527	41.400	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	980913	48.474	ng	99
92) Benzo(g,h,i)perylene	17.115	276	975371	48.823	ng	96

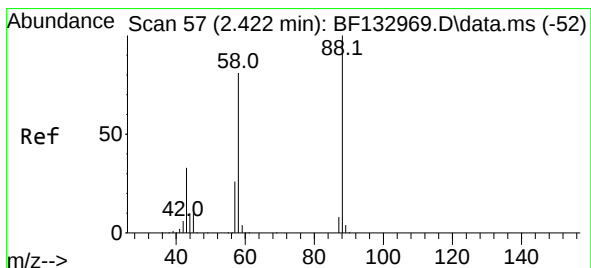
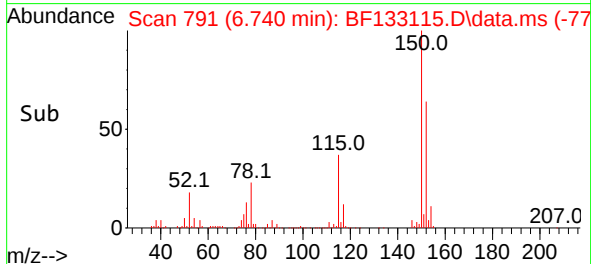
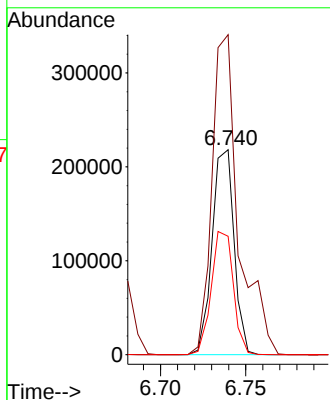
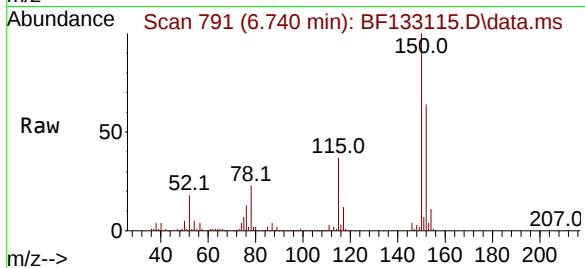
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. 0.001 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

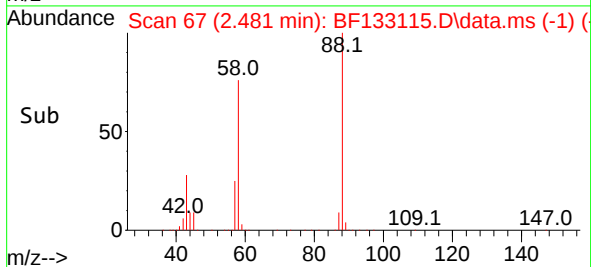
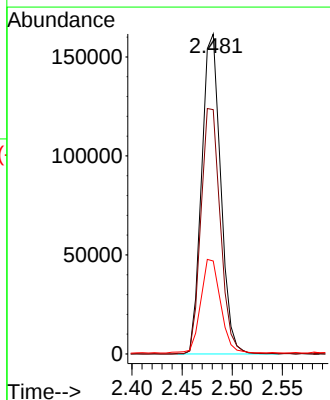
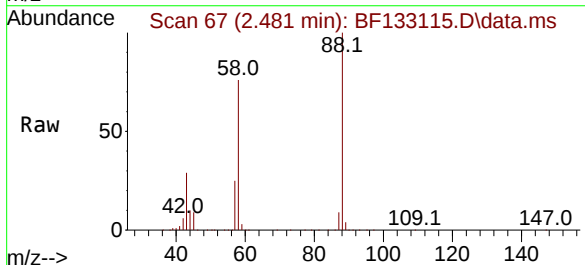
Instrument :
 BNA_F
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 PB152460BS

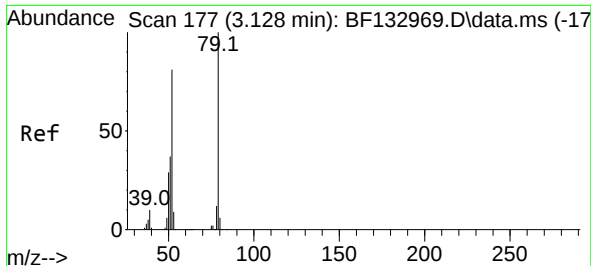
Tgt Ion:152 Resp: 195818
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 57.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.510 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.088 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

Tgt Ion: 88 Resp: 213507
 Ion Ratio Lower Upper
 88 100
 58 78.2 64.7 97.1
 43 30.6 26.2 39.2

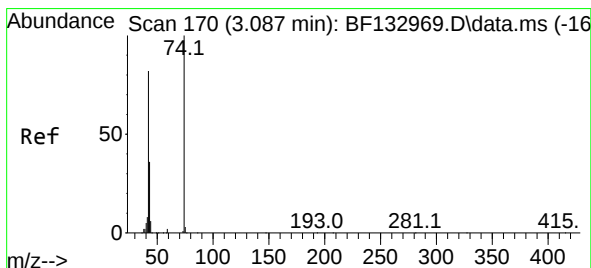
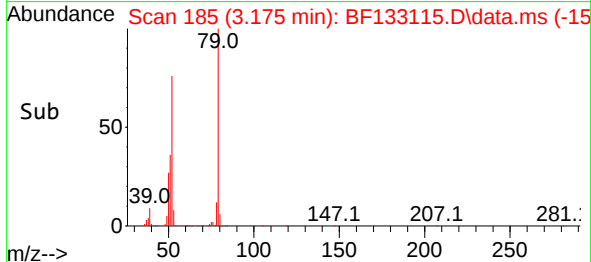
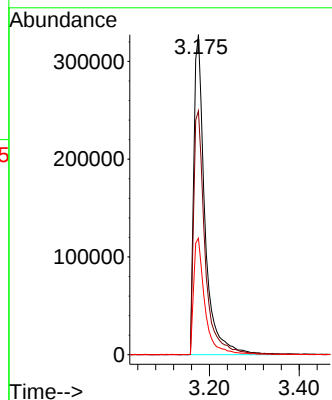
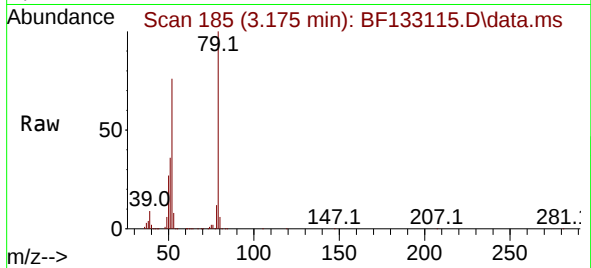




#3
Pyridine
Concen: 35.348 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

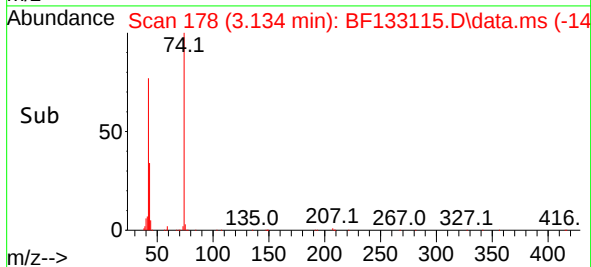
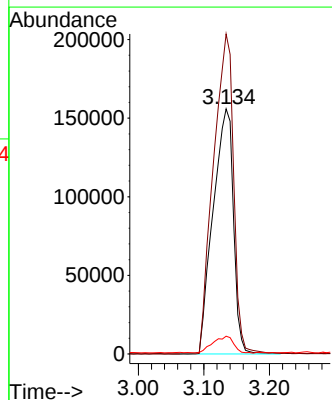
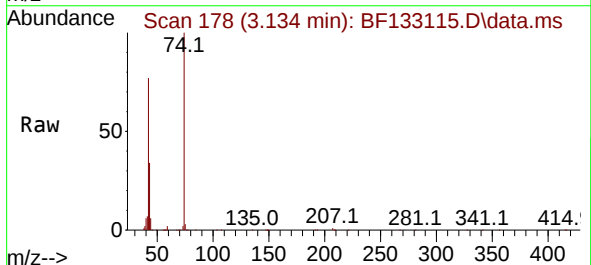
Instrument :
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ClientSampleId :
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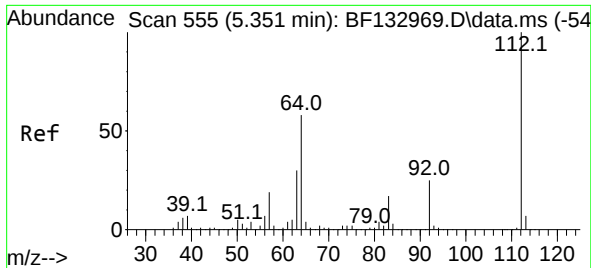
Tgt Ion: 79 Resp: 564499
Ion Ratio Lower Upper
79 100
52 76.2 64.6 96.8
51 36.4 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 40.534 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.083 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 42 Resp: 335281
Ion Ratio Lower Upper
42 100
74 130.6 98.0 147.0
44 7.2 5.8 8.8

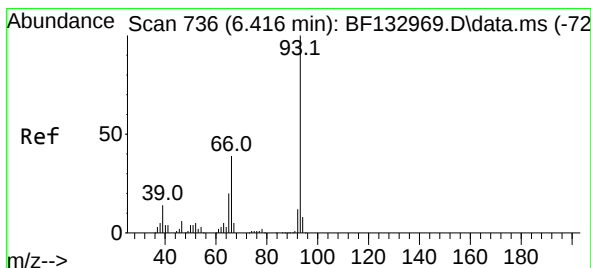
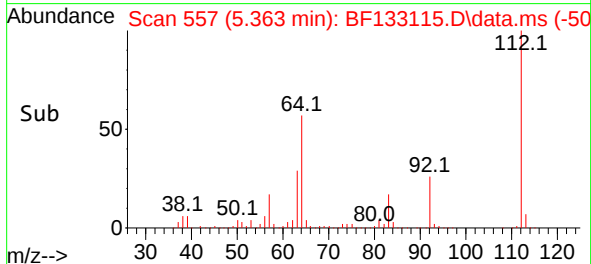
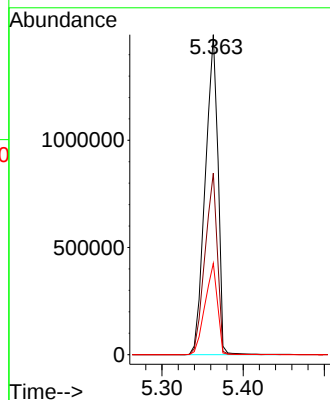
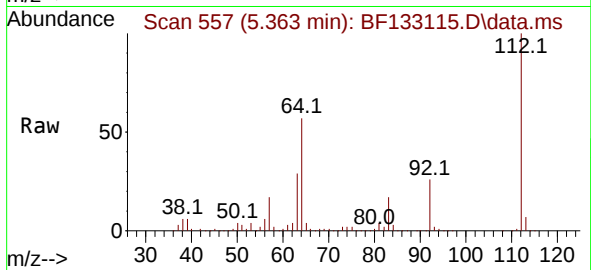




#5
2-Fluorophenol
Concen: 124.712 ng
RT: 5.363 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

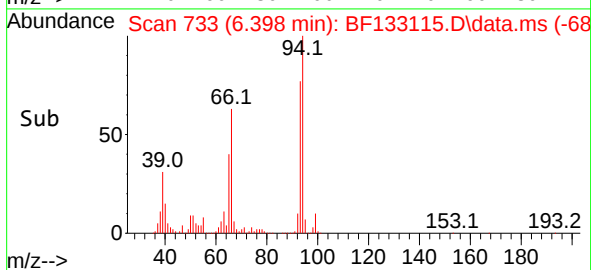
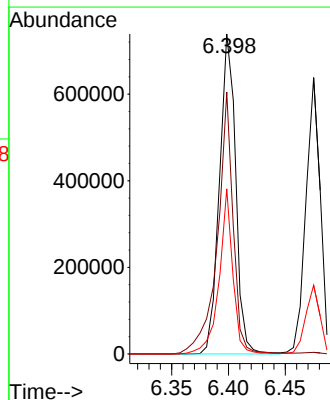
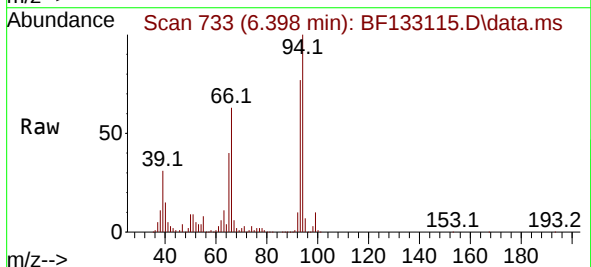
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1616619
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 35.456 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 93 Resp: 734749
Ion Ratio Lower Upper
93 100
66 81.8 31.5 47.3#
65 51.6 16.4 24.6#

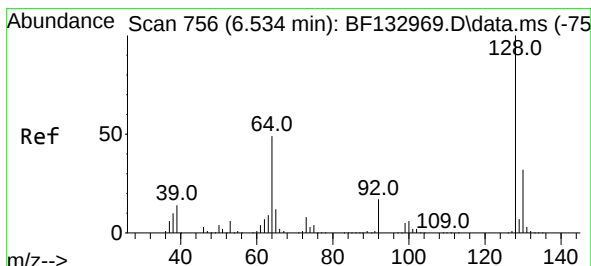
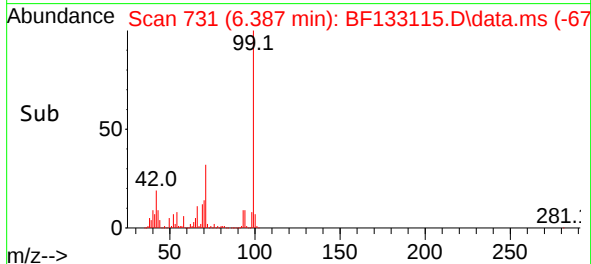
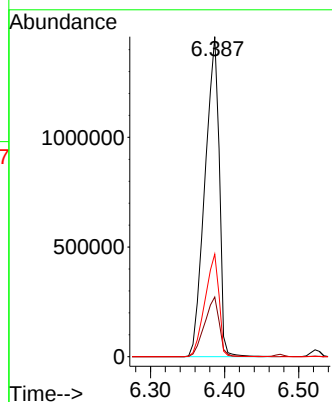
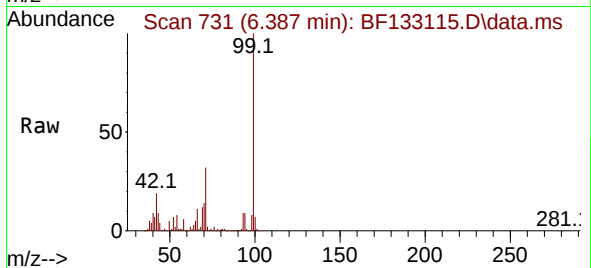




#7
Phenol-d6
Concen: 121.313 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

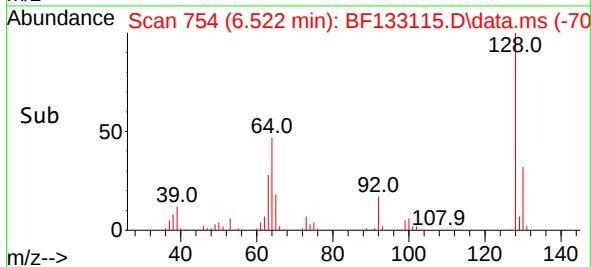
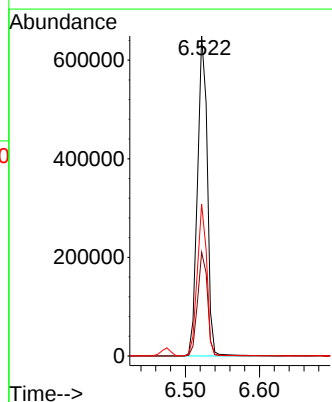
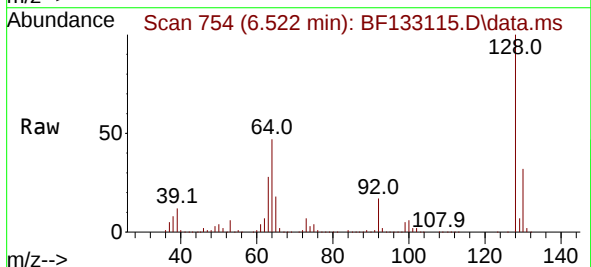
Instrument :
BNA_F
ClientSampleId :
PB152460BS

Tgt Ion: 99 Resp: 1951877
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#8
2-Chlorophenol
Concen: 45.473 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:128 Resp: 598492
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.4 30.3 70.3

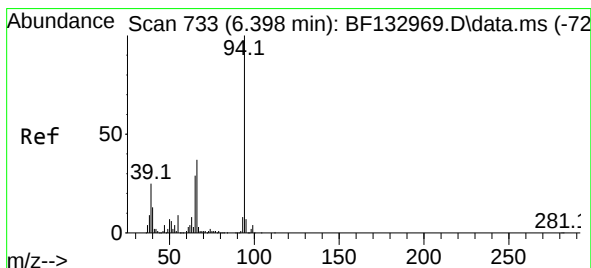
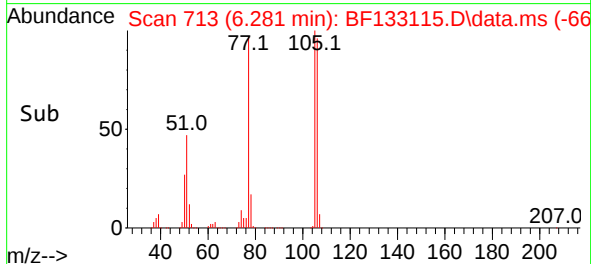
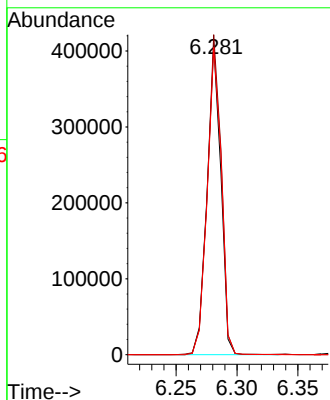
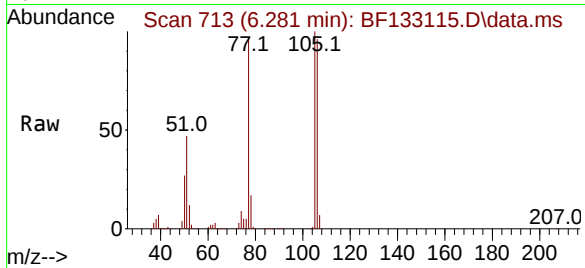




#9
Benzaldehyde
Concen: 45.070 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

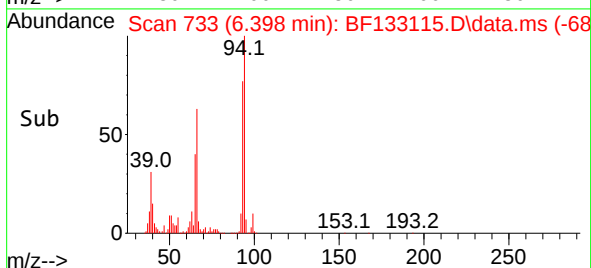
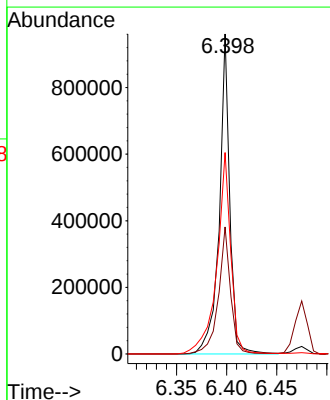
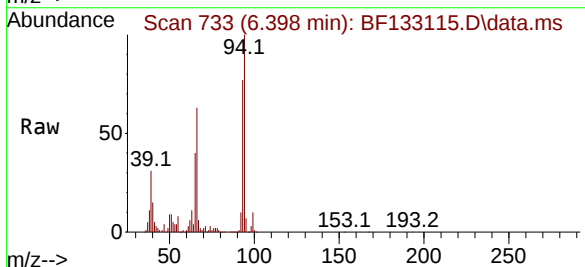
Instrument :
BNA_F
ClientSampleId :
PB152460BS

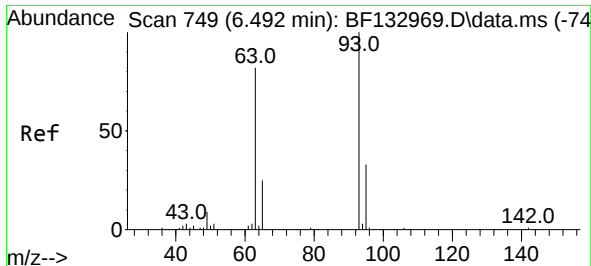
Tgt Ion: 77 Resp: 320210
Ion Ratio Lower Upper
77 100
105 103.2 82.3 122.3
106 99.1 80.8 120.8



#10
Phenol
Concen: 39.281 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 94 Resp: 697232
Ion Ratio Lower Upper
94 100
65 39.7 8.6 48.6
66 62.9 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.882 ng

RT: 6.475 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

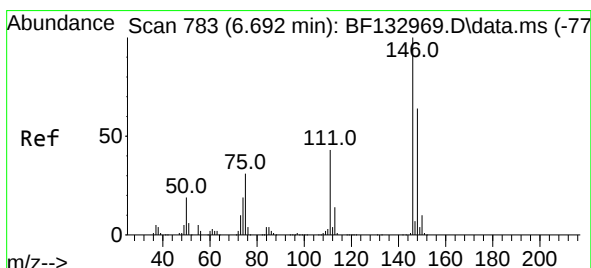
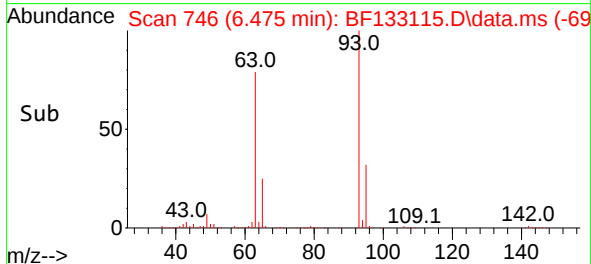
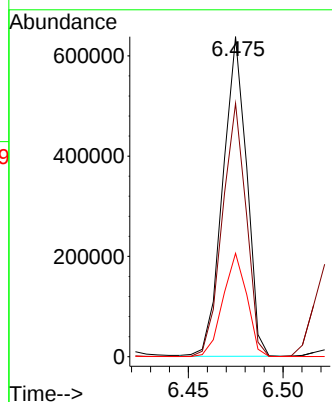
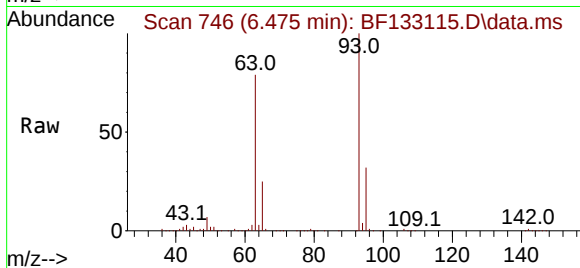
Tgt Ion: 93 Resp: 557857

Ion Ratio Lower Upper

93 100

63 79.1 60.6 100.6

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.111 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

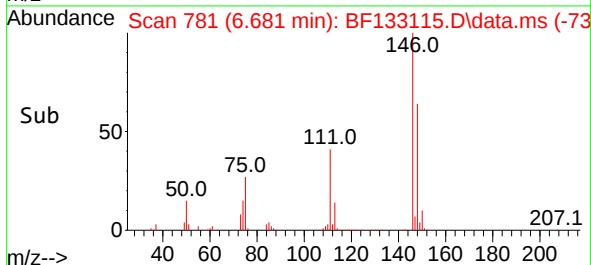
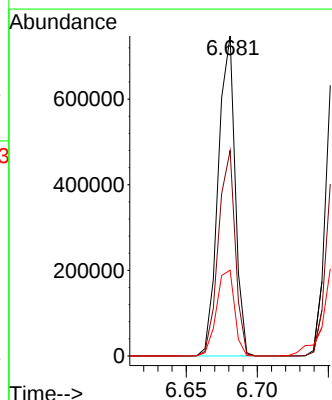
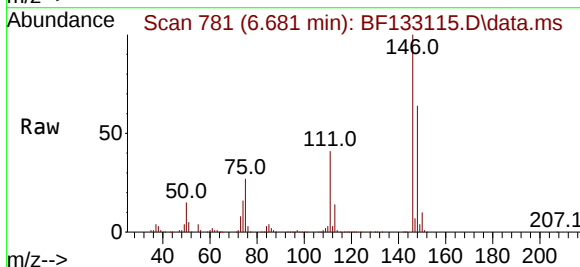
Tgt Ion:146 Resp: 617253

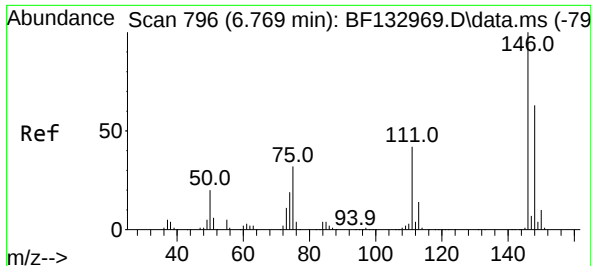
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 26.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.034 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

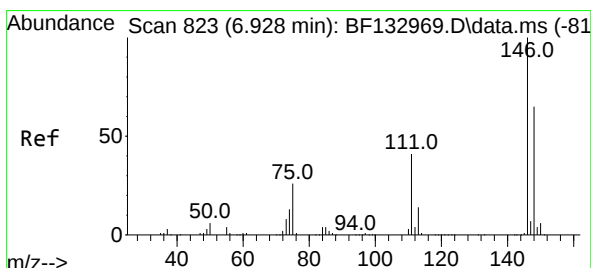
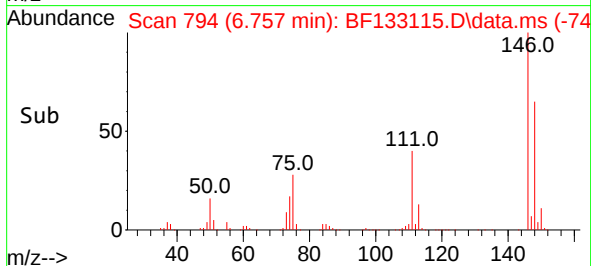
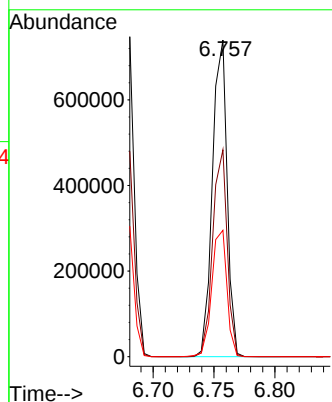
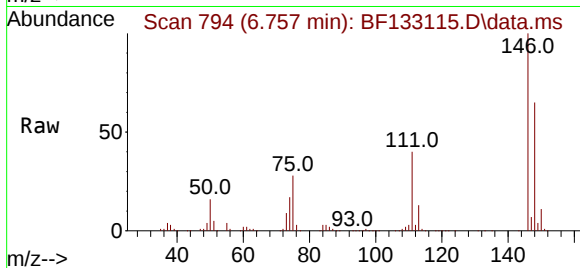
Tgt Ion:146 Resp: 617544

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

111 39.9 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 46.964 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

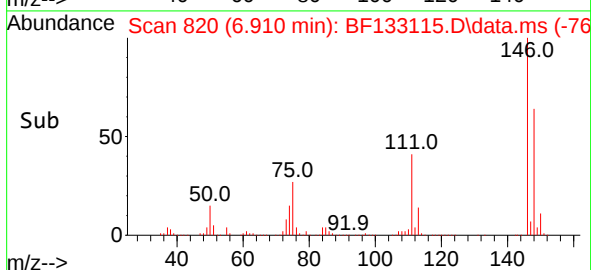
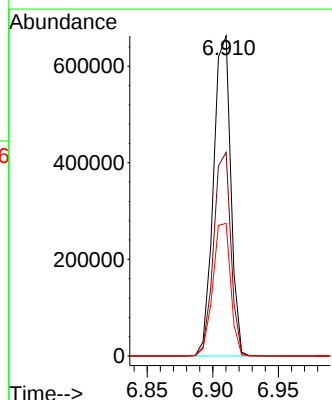
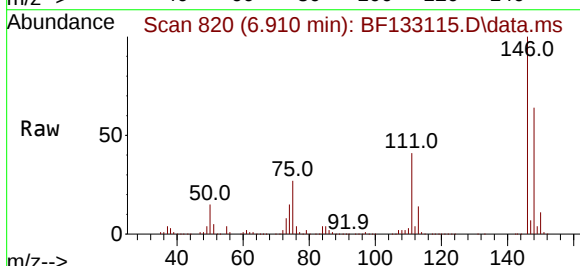
Tgt Ion:146 Resp: 607209

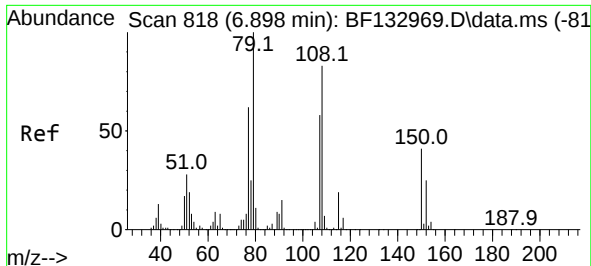
Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

111 41.5 32.8 49.2

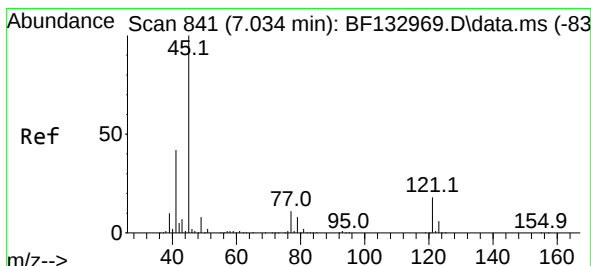
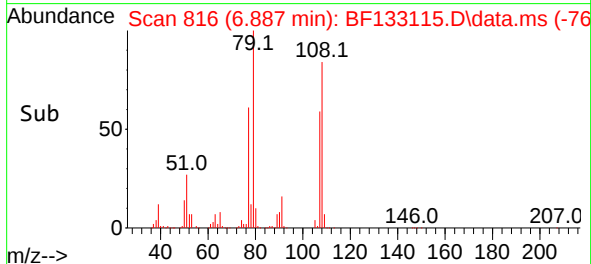
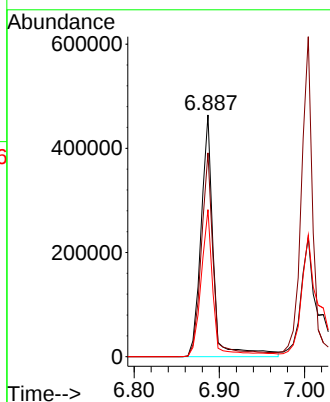
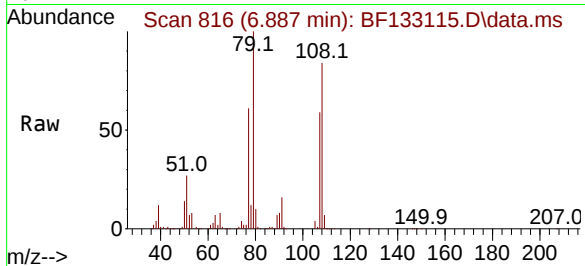




#15
Benzyl Alcohol
Concen: 42.137 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

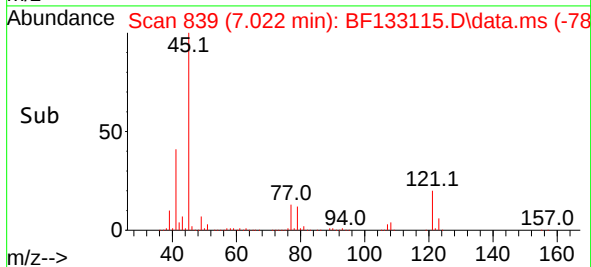
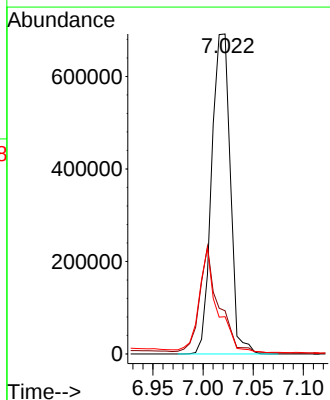
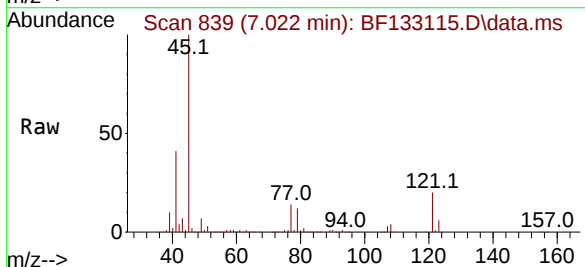
Instrument :
BNA_F
ClientSampleId :
PB152460BS

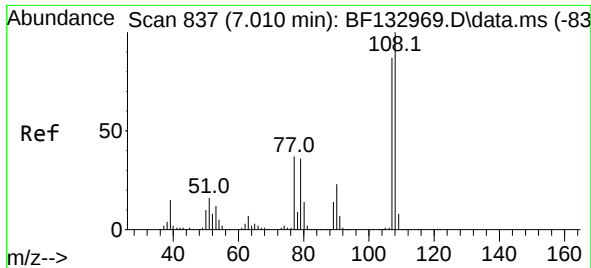
Tgt Ion: 79 Resp: 468318
Ion Ratio Lower Upper
79 100
108 84.3 66.6 99.8
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.630 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 45 Resp: 893682
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.5
79 11.7 0.0 28.7

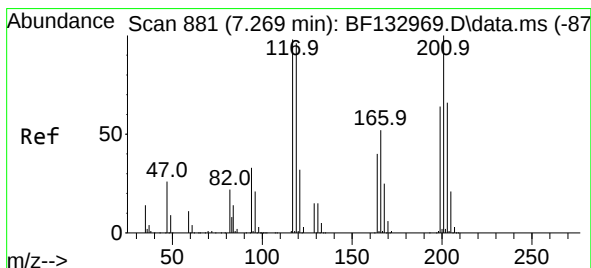
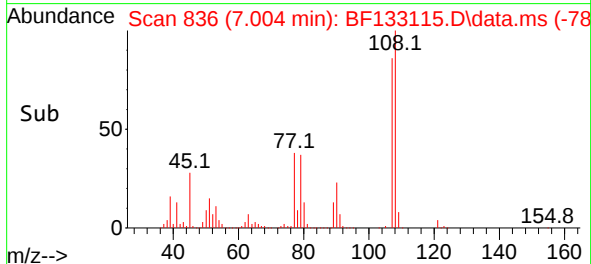
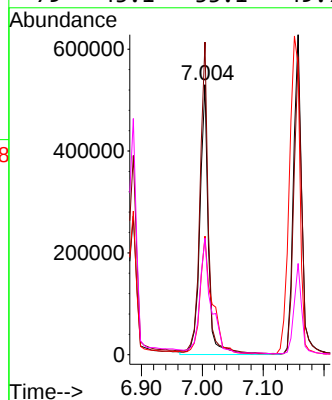
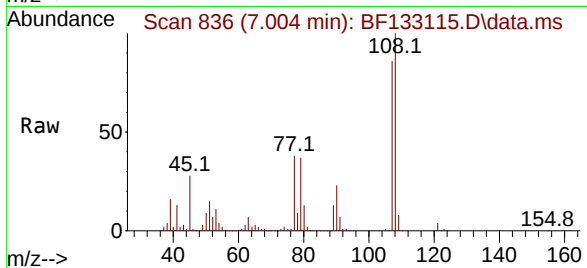




#17
2-Methylphenol
Concen: 43.008 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

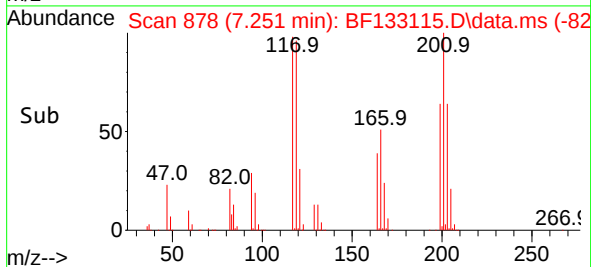
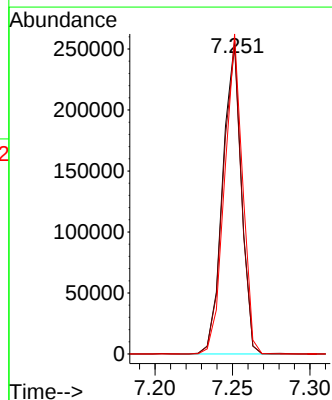
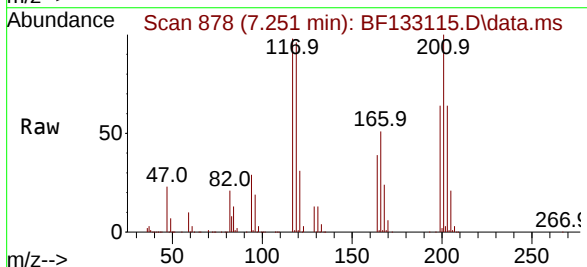
Instrument :
BNA_F
ClientSampleId :
PB152460BS

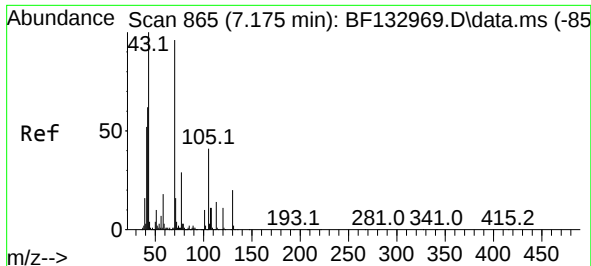
Tgt Ion:107 Resp: 518325
Ion Ratio Lower Upper
107 100
108 115.8 92.4 138.6
77 43.9 33.8 50.8
79 43.1 33.1 49.7



#18
Hexachloroethane
Concen: 43.860 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:117 Resp: 213848
Ion Ratio Lower Upper
117 100
119 98.3 78.2 117.4
201 102.2 81.7 122.5

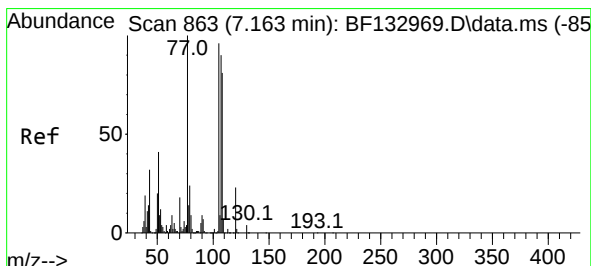
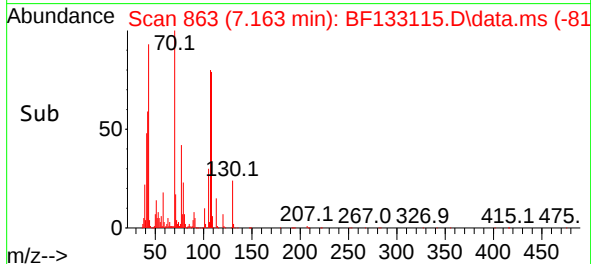
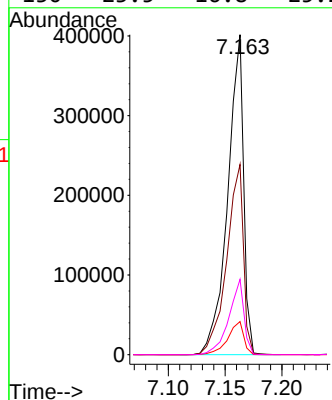
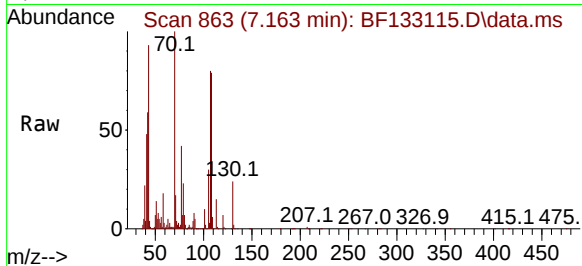




#19
n-Nitroso-di-n-propylamine
Concen: 39.016 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

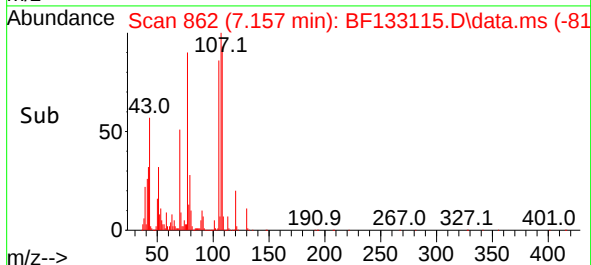
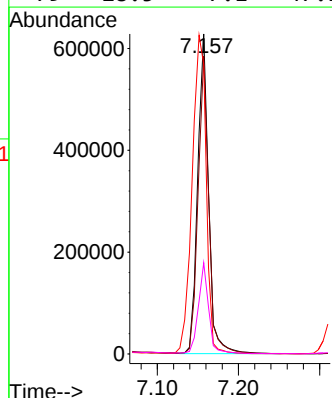
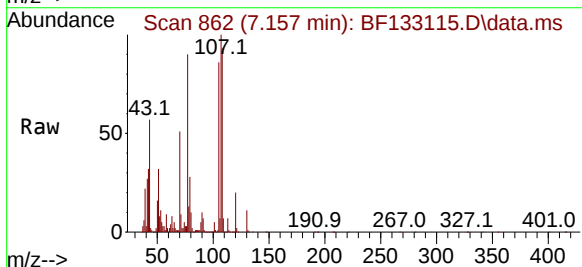
Instrument :
BNA_F
ClientSampleId :
PB152460BS

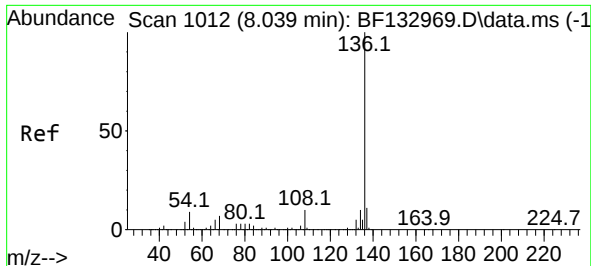
Tgt Ion: 70 Resp: 390814
Ion Ratio Lower Upper
70 100
42 59.5 51.8 77.6
101 10.3 8.0 12.0
130 23.5 16.8 25.2



#20
3+4-Methylphenols
Concen: 41.442 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:107 Resp: 588183
Ion Ratio Lower Upper
107 100
108 93.1 70.5 110.5
77 90.4 91.7 131.7#
79 28.5 7.1 47.1

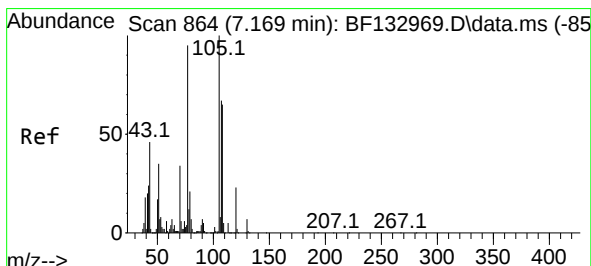
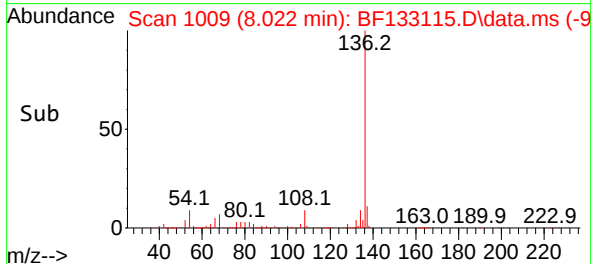
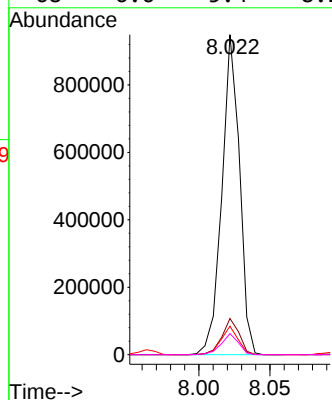
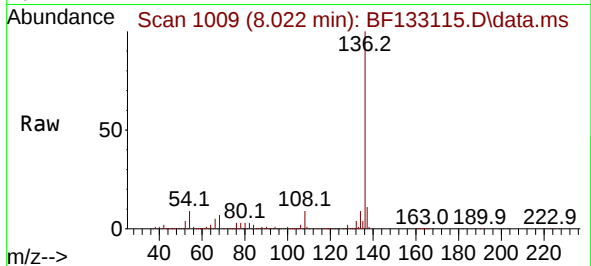




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

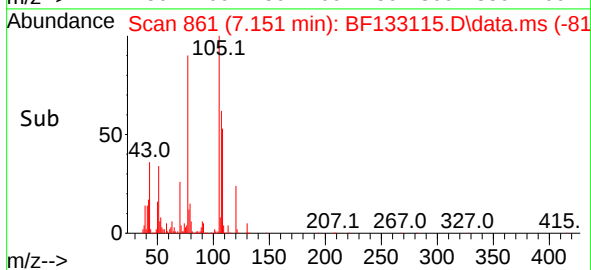
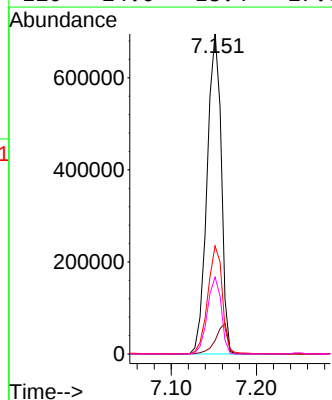
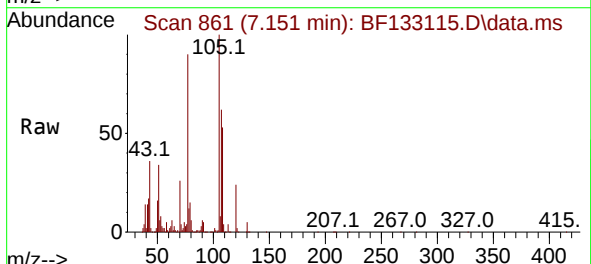
Instrument :
BNA_F
ClientSampleId :
PB152460BS

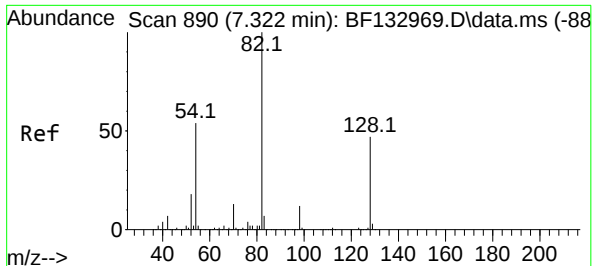
Tgt Ion:136 Resp: 817481
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.0 10.4
68 6.6 5.4 8.2



#22
Acetophenone
Concen: 42.380 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:105 Resp: 802544
Ion Ratio Lower Upper
105 100
71 4.2 4.6 7.0#
51 33.7 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 79.600 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

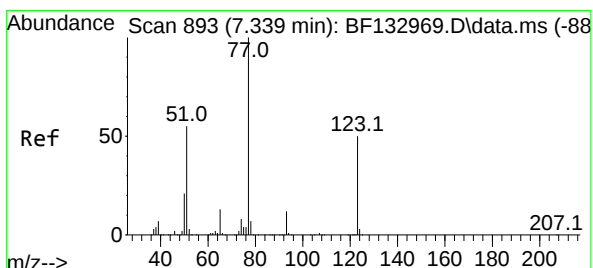
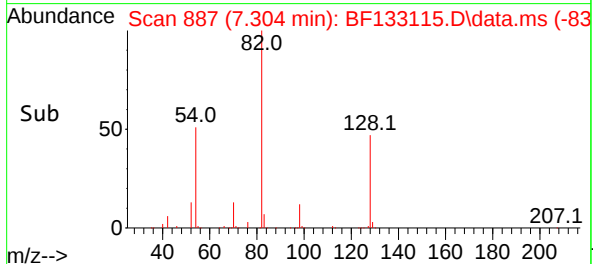
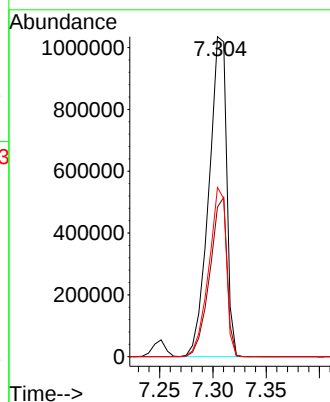
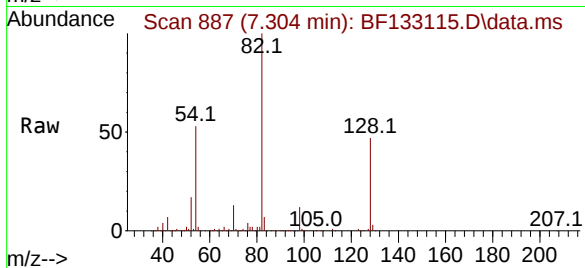
BNA_F

ClientSampleId :

PB152460BS

Tgt Ion: 82 Resp: 1205551

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	52.9	43.0	64.4



#24

Nitrobenzene

Concen: 39.177 ng

RT: 7.322 min Scan# 890

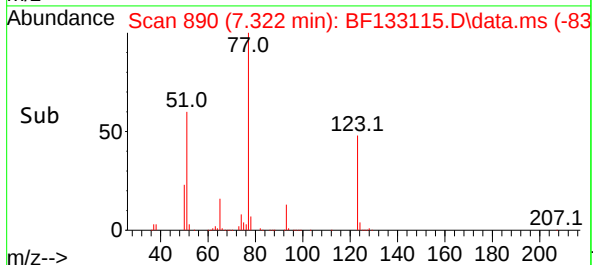
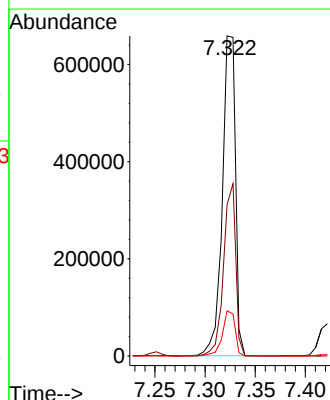
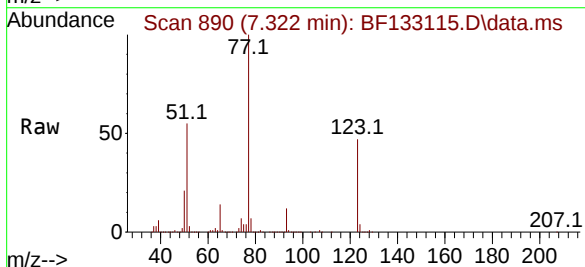
Delta R.T. 0.000 min

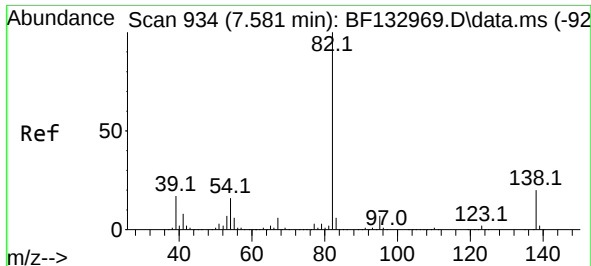
Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Tgt Ion: 77 Resp: 601240

Ion	Ratio	Lower	Upper
77	100		
123	47.3	39.9	59.9
65	14.1	10.7	16.1

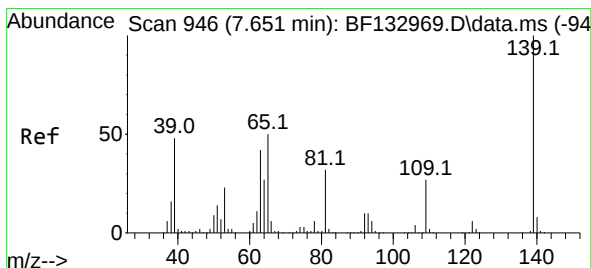
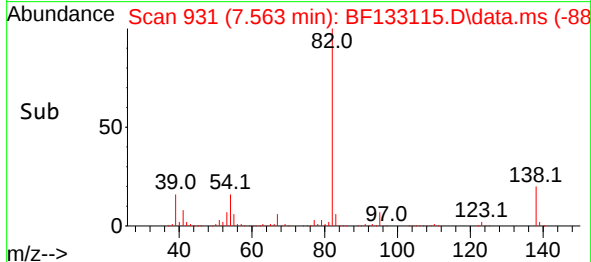
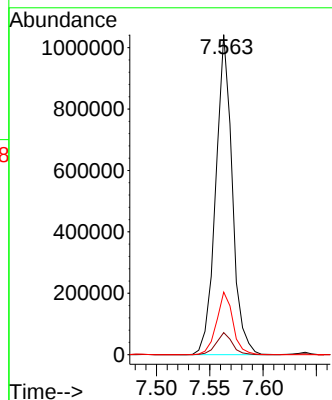
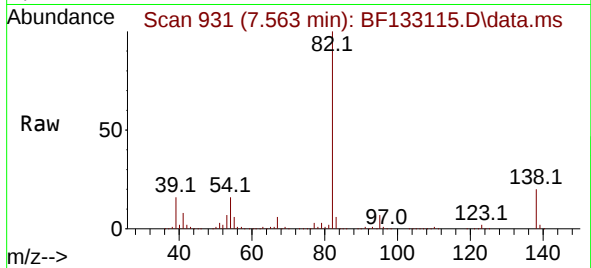




#25
Isophorone
Concen: 39.112 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

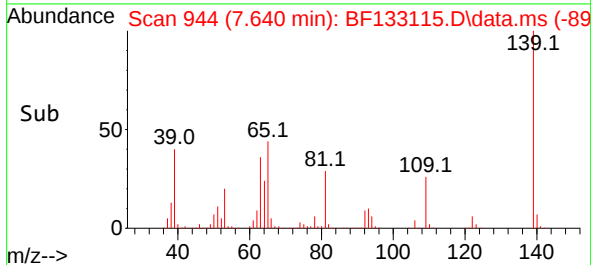
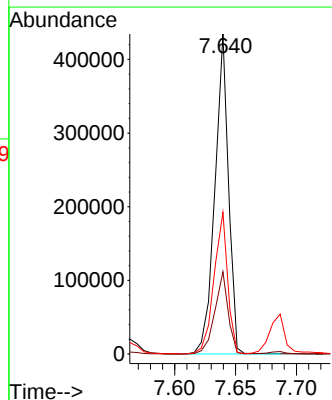
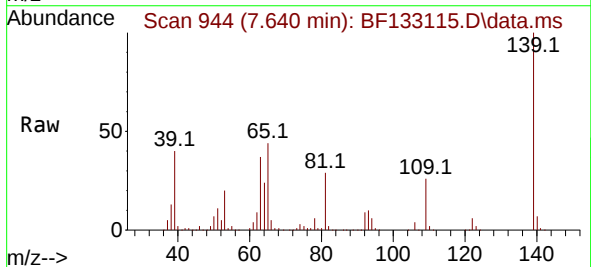
Instrument :
BNA_F
ClientSampleId :
PB152460BS

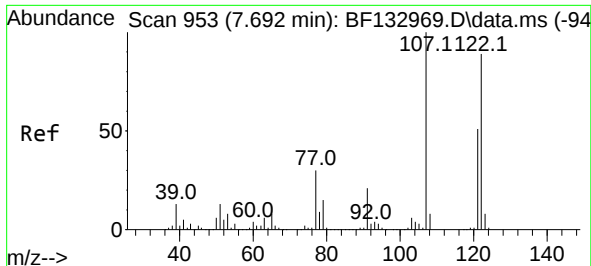
Tgt Ion: 82 Resp: 1124661
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.6 16.0 24.0



#26
2-Nitrophenol
Concen: 45.810 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:139 Resp: 339096
Ion Ratio Lower Upper
139 100
109 25.7 21.6 32.4
65 44.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.400 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

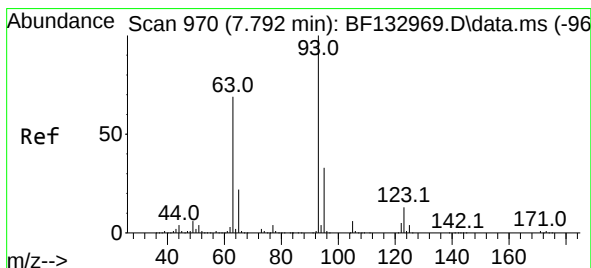
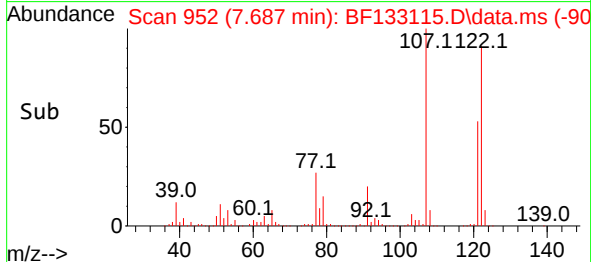
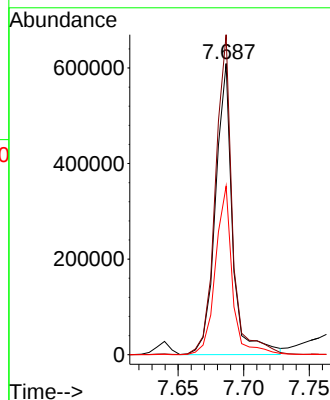
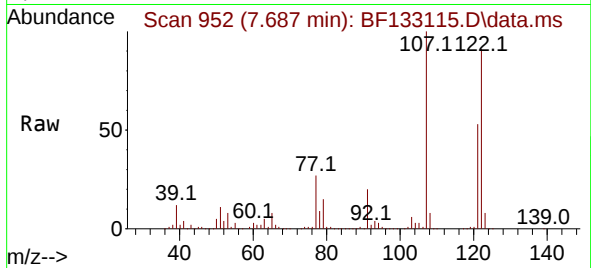
Tgt Ion:122 Resp: 550872

Ion Ratio Lower Upper

122 100

107 109.9 89.7 134.5

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.895 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

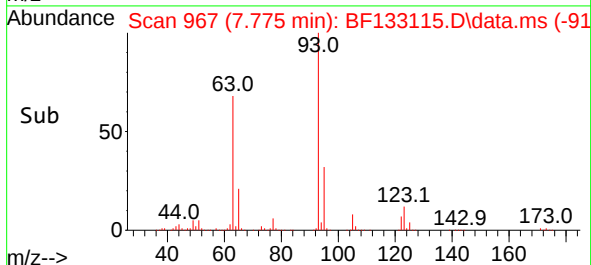
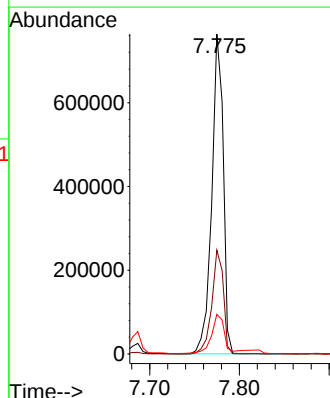
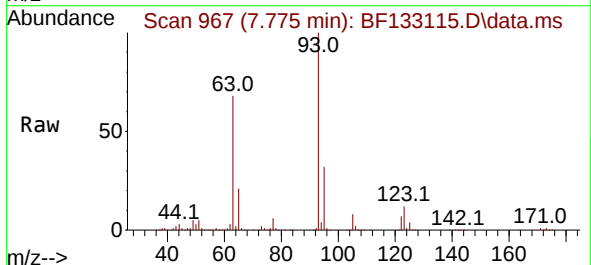
Tgt Ion: 93 Resp: 678661

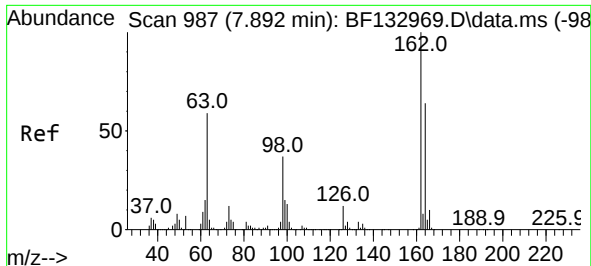
Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

123 12.3 10.3 15.5

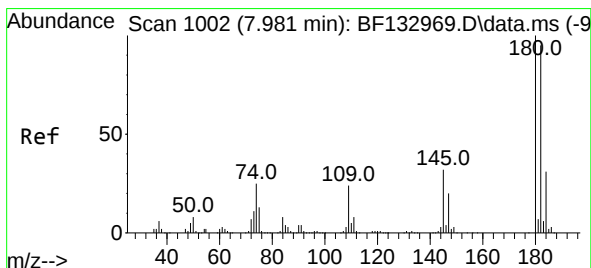
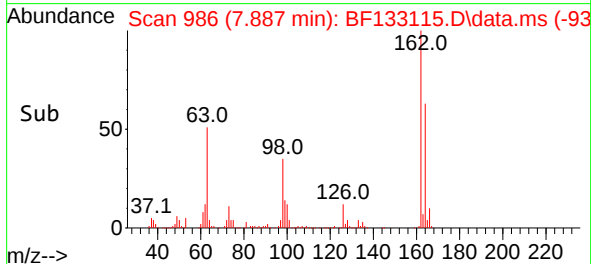
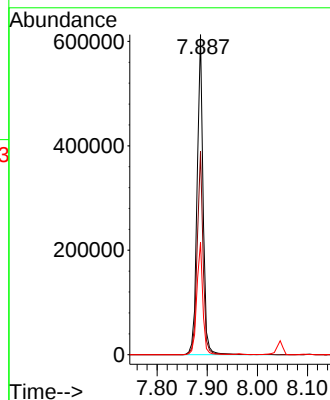
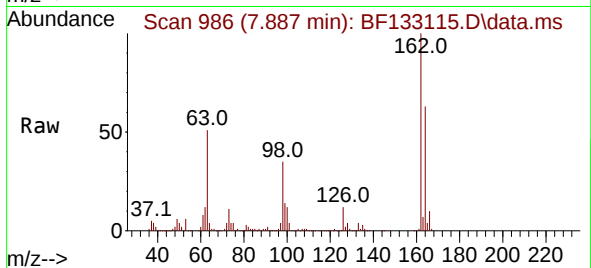




#29
2,4-Dichlorophenol
Concen: 43.618 ng
RT: 7.887 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

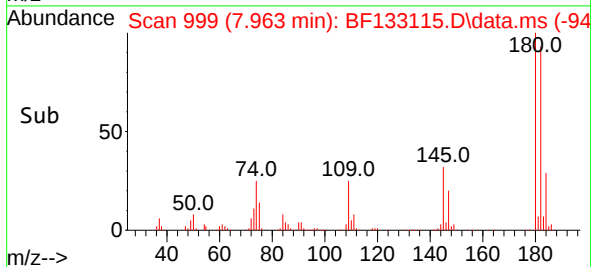
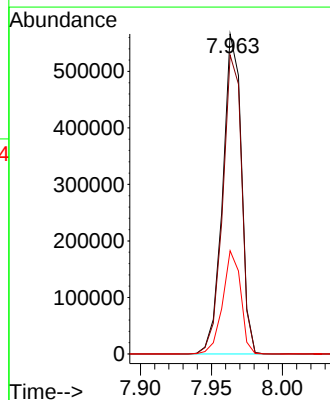
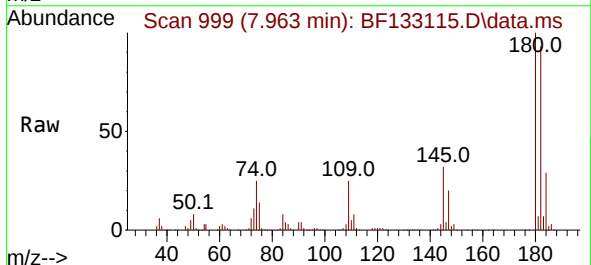
Instrument :
BNA_F
ClientSampleId :
PB152460BS

Tgt Ion:162 Resp: 503997
Ion Ratio Lower Upper
162 100
164 63.5 43.9 83.9
98 35.1 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 43.203 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:180 Resp: 517168
Ion Ratio Lower Upper
180 100
182 93.4 75.9 113.9
145 32.3 25.3 37.9

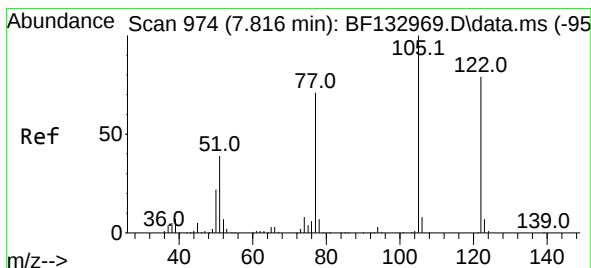
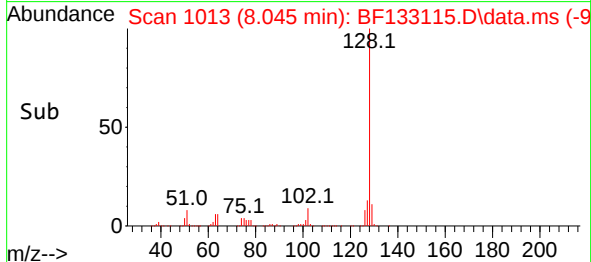
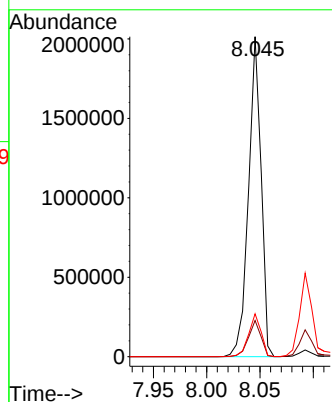
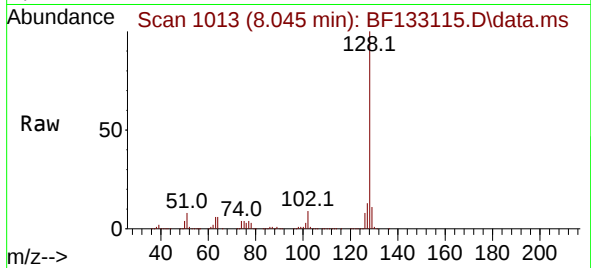




#31
Naphthalene
Concen: 40.524 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

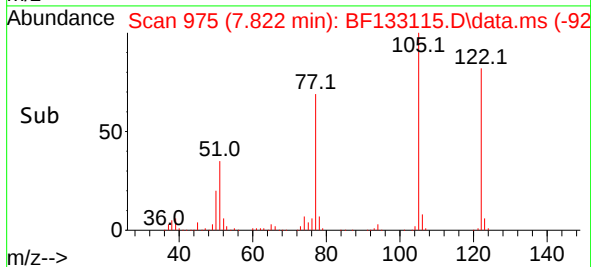
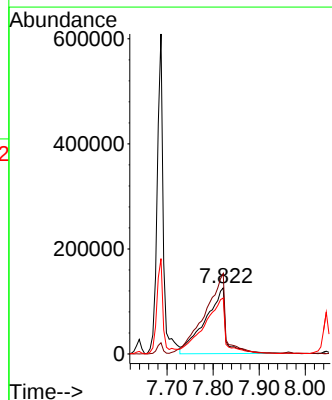
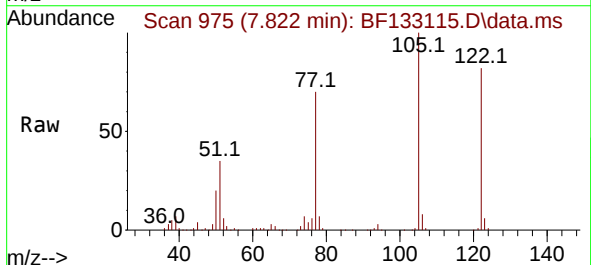
Instrument :
BNA_F
ClientSampleId :
PB152460BS

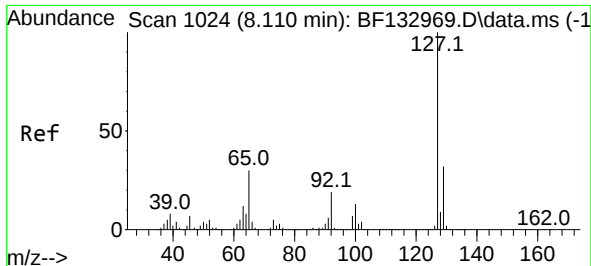
Tgt Ion:128 Resp: 1656263
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.053 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.018 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:122 Resp: 392425
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 84.7 69.7 109.7

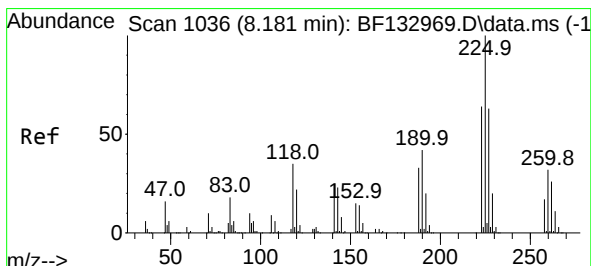
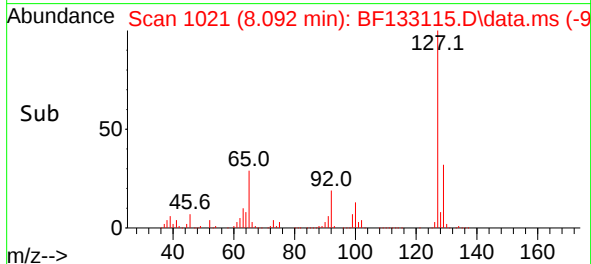
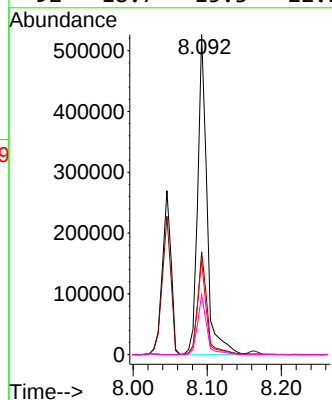
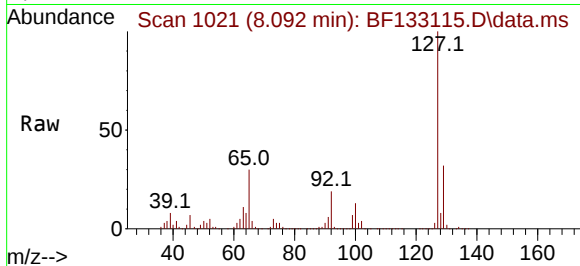




#33
4-Chloroaniline
Concen: 27.876 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

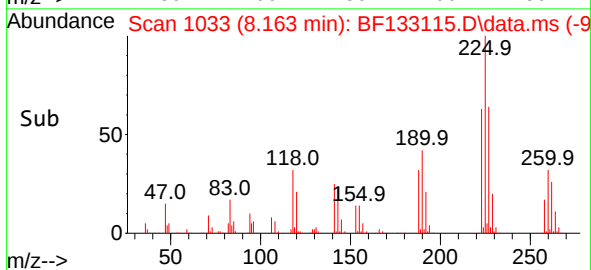
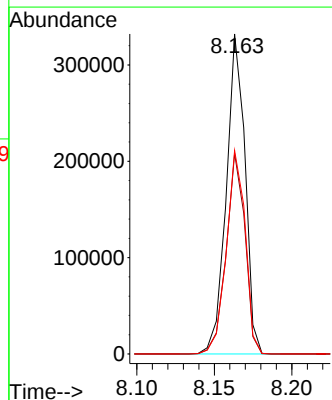
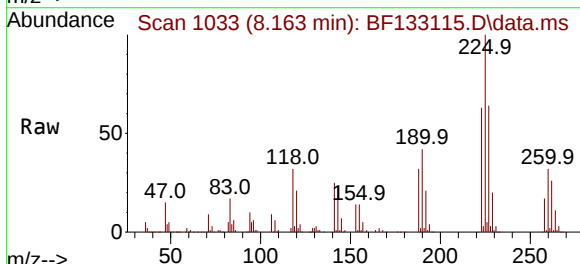
Instrument :
BNA_F
ClientSampleId :
PB152460BS

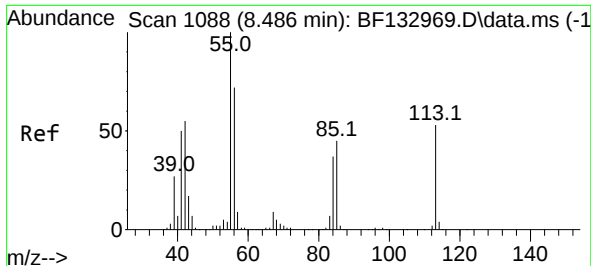
Tgt Ion:	127	Resp:	460332
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.6	23.6	35.4
92	18.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.029 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:	225	Resp:	278851
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	63.6	50.3	75.5

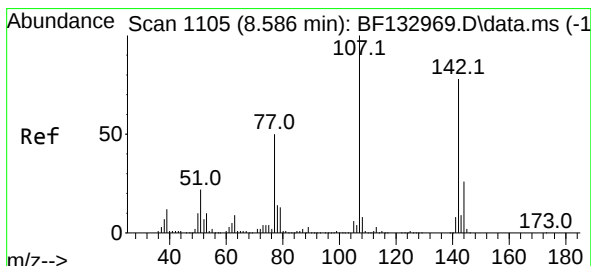
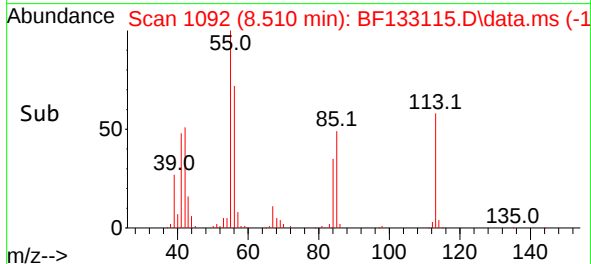
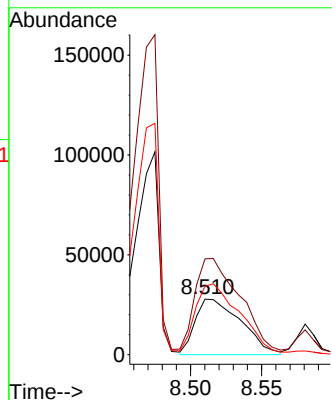
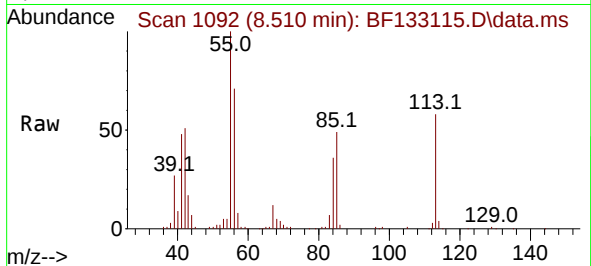




#35
 Caprolactam
 Concen: 16.132 ng
 RT: 8.510 min Scan# 1104
 Delta R.T. 0.036 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

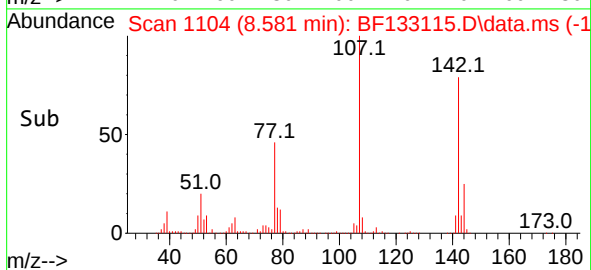
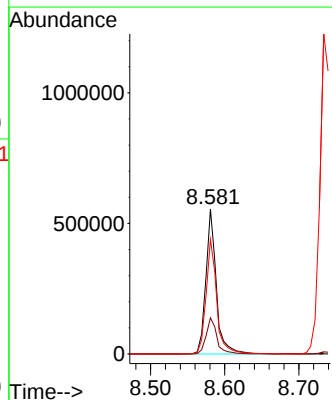
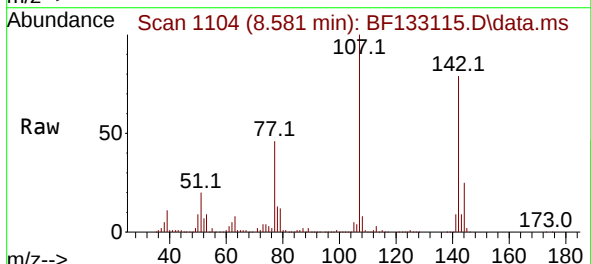
Instrument :
 BNA_F
 ClientSampleId :
 PB152460BS

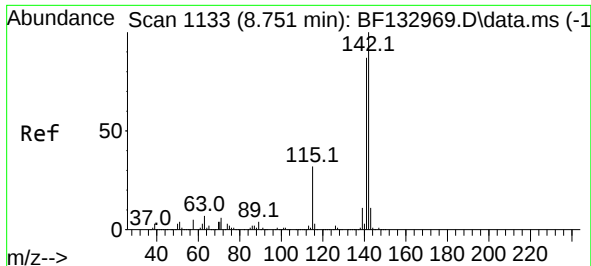
Tgt Ion:113 Resp: 62621
 Ion Ratio Lower Upper
 113 100
 55 172.5 167.1 207.1
 56 123.2 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.729 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

Tgt Ion:107 Resp: 544885
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 30.8
 142 79.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.923 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

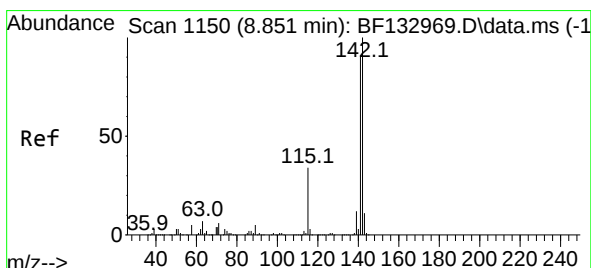
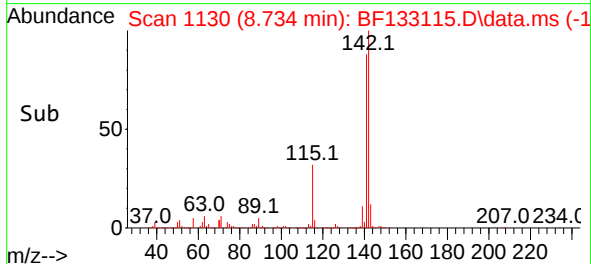
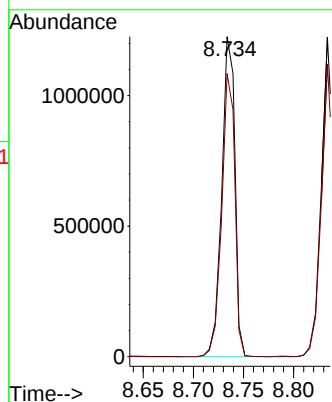
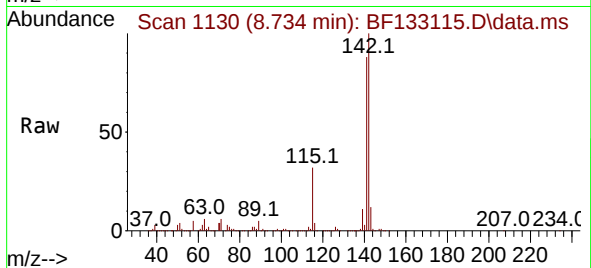
PB152460BS

Tgt Ion:142 Resp: 1115557

Ion Ratio Lower Upper

142 100

141 88.5 69.4 104.0



#38

1-Methylnaphthalene

Concen: 39.868 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133115.D

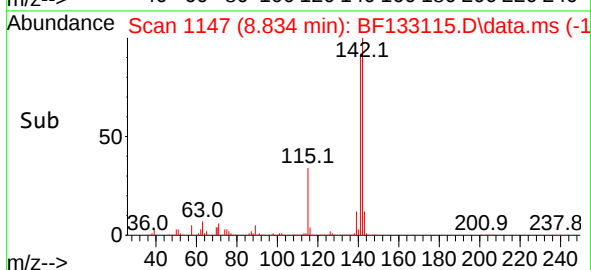
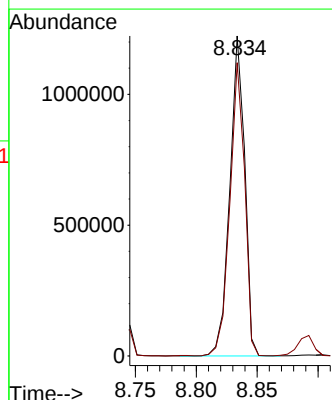
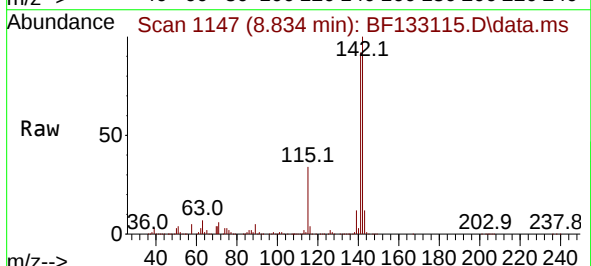
Acq: 28 Apr 2023 10:47

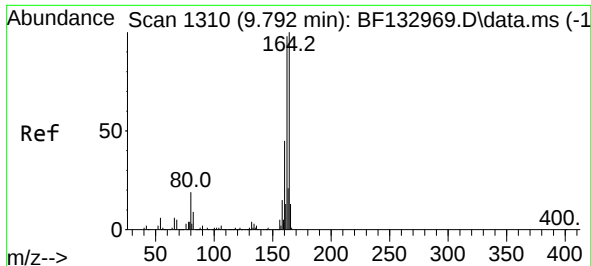
Tgt Ion:142 Resp: 1042145

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

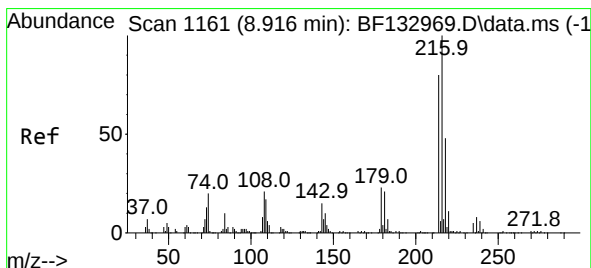
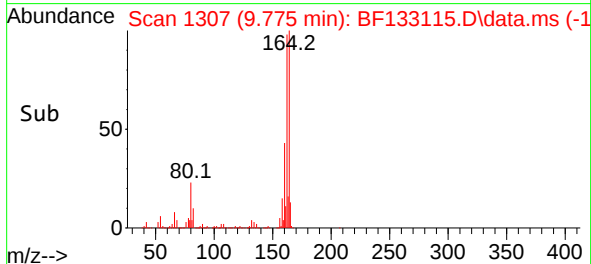
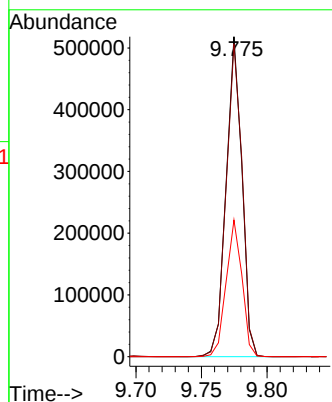
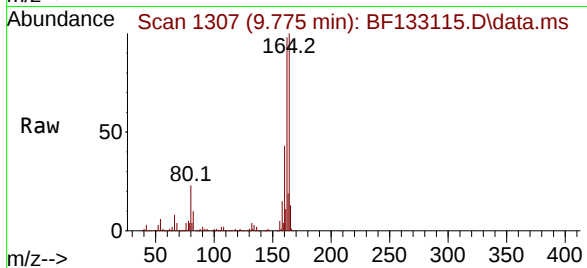




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

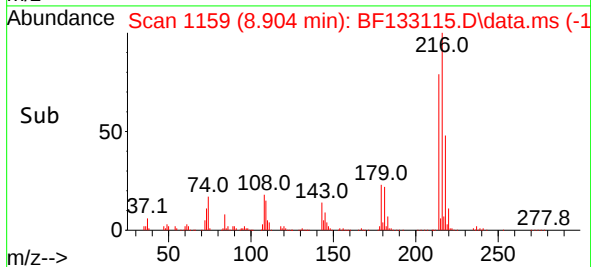
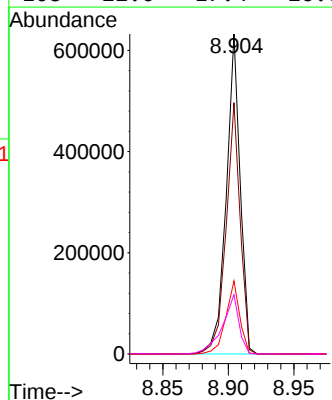
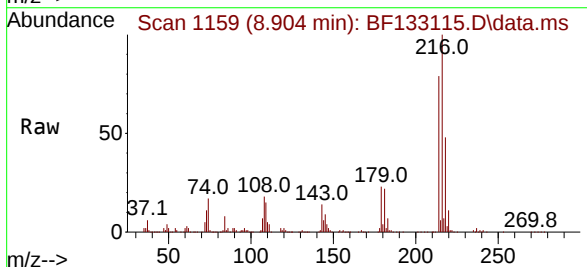
Instrument :
BNA_F
ClientSampleId :
PB152460BS

Tgt Ion:164 Resp: 432093
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 42.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.208 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:216 Resp: 467123
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.6 17.4 26.2
108 22.0 17.4 26.0

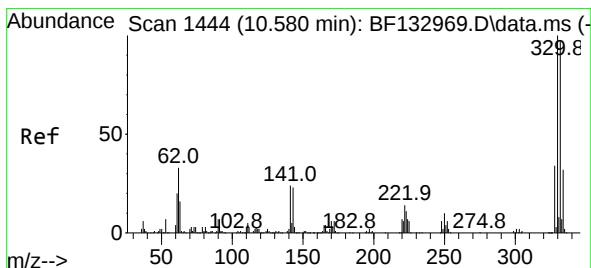
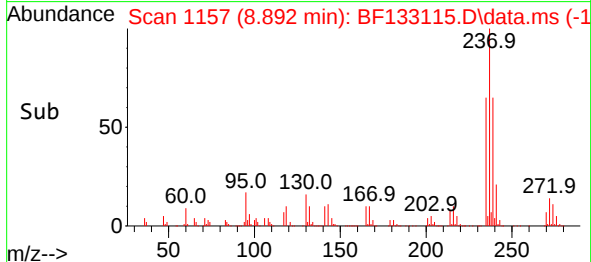
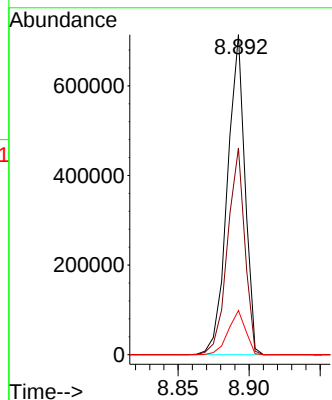
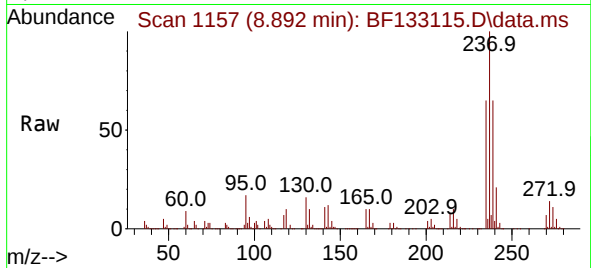




#41
Hexachlorocyclopentadiene
Concen: 90.295 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

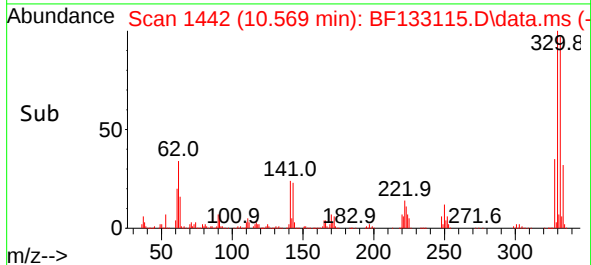
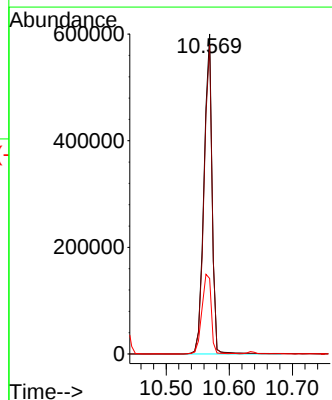
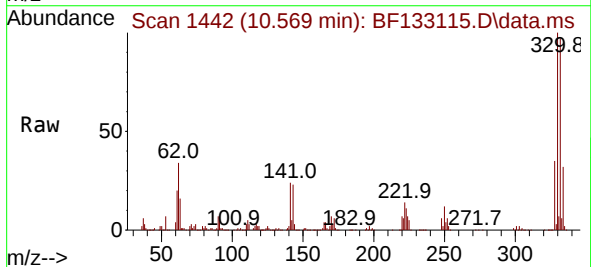
Instrument :
BNA_F
ClientSampleId :
PB152460BS

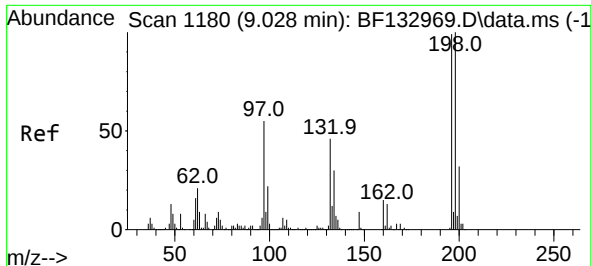
Tgt Ion:237 Resp: 611793
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 13.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 122.682 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:330 Resp: 533119
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.8 25.8 38.8

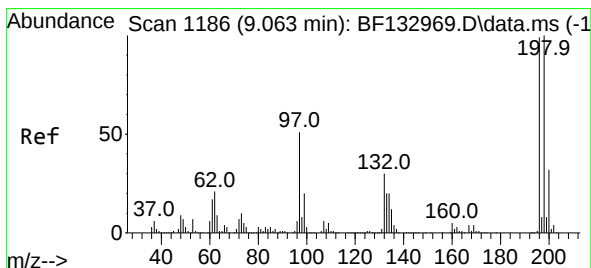
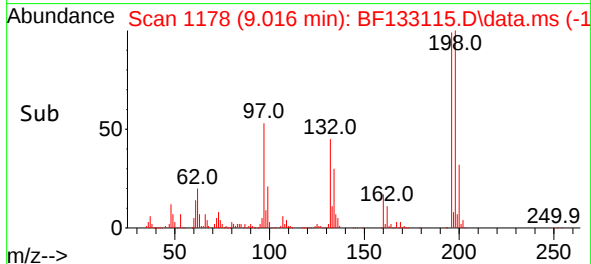
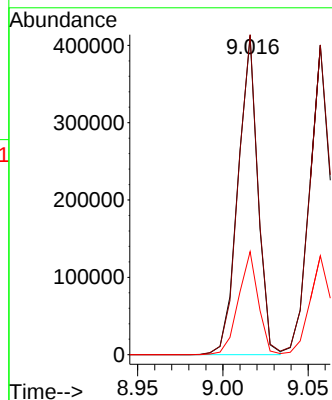
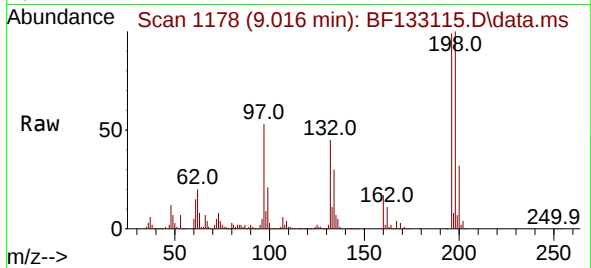




#43
2,4,6-Trichlorophenol
Concen: 41.455 ng
RT: 9.016 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

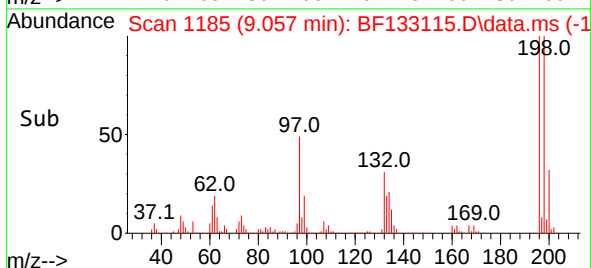
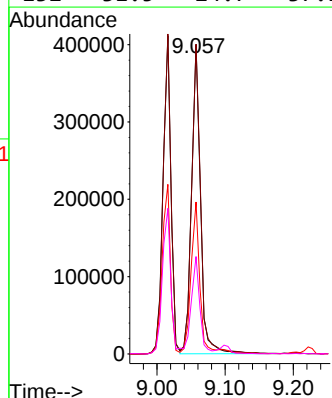
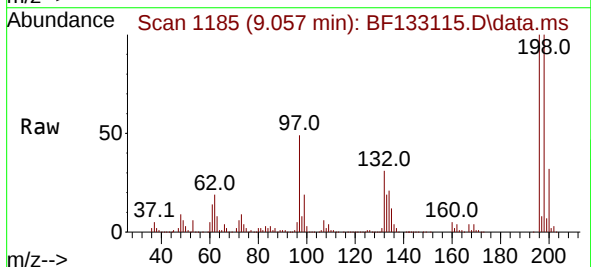
Instrument :
BNA_F
ClientSampleId :
PB152460BS

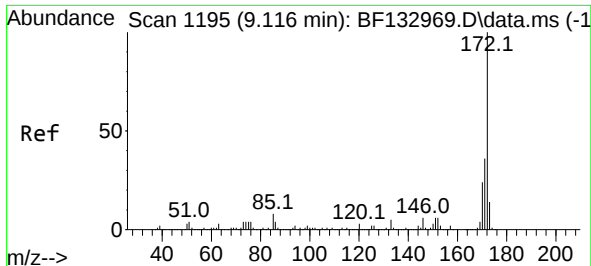
Tgt Ion:196 Resp: 333068
Ion Ratio Lower Upper
196 100
198 100.6 81.0 121.6
200 32.4 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.120 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:196 Resp: 363505
Ion Ratio Lower Upper
196 100
198 100.1 80.9 121.3
97 49.1 41.3 61.9
132 31.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 81.625 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

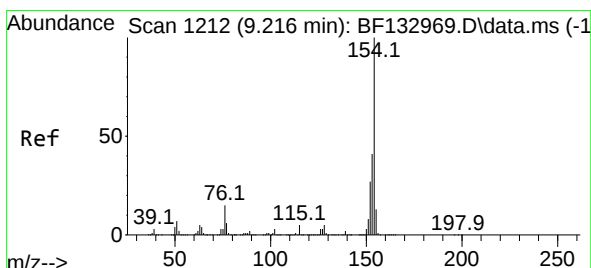
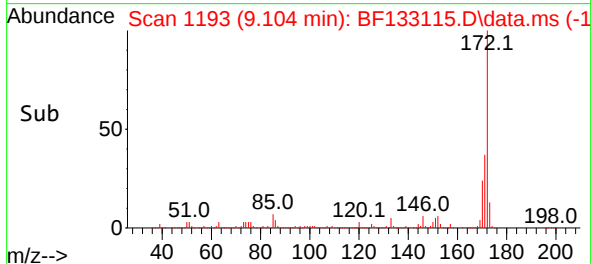
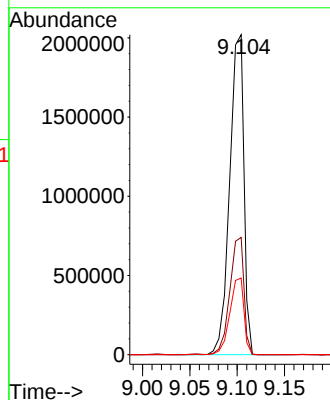
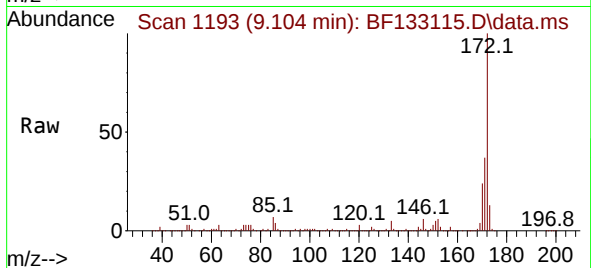
Tgt Ion:172 Resp: 2108172

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 40.058 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

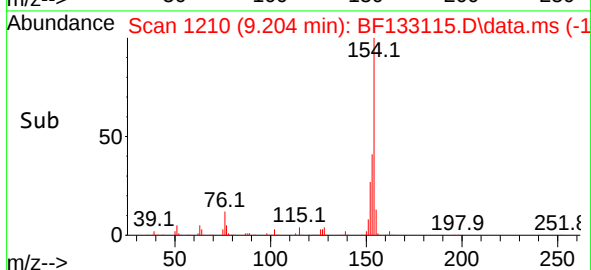
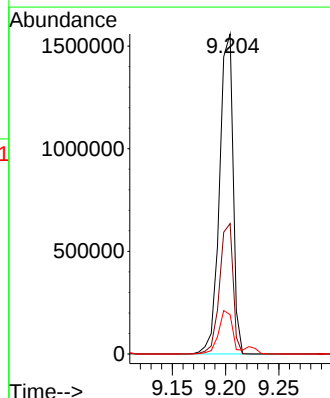
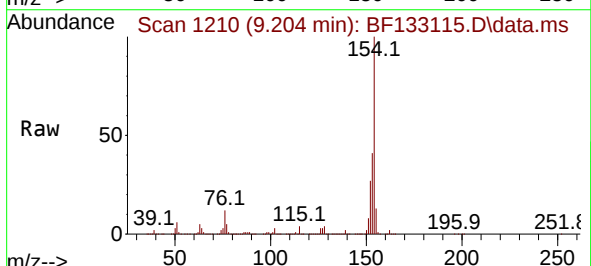
Tgt Ion:154 Resp: 1372498

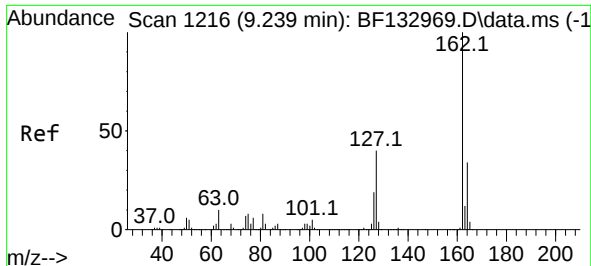
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 12.3 0.0 34.5

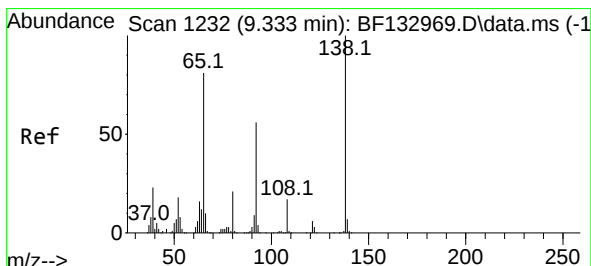
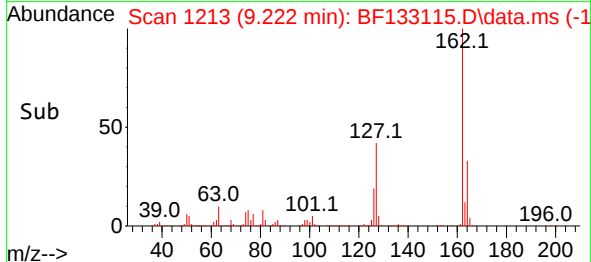
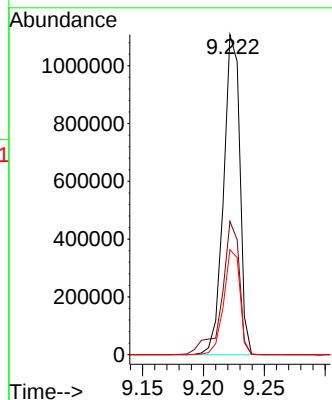
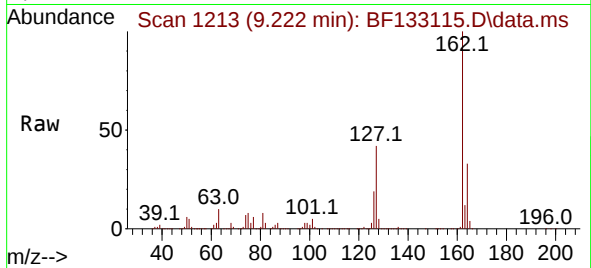




#47
2-Chloronaphthalene
Concen: 41.063 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

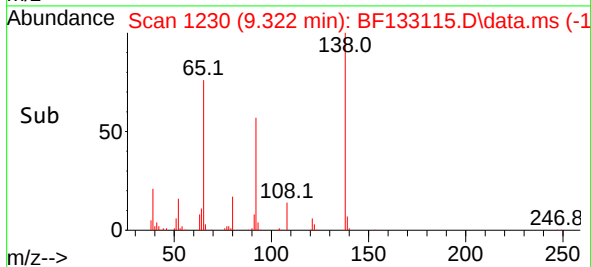
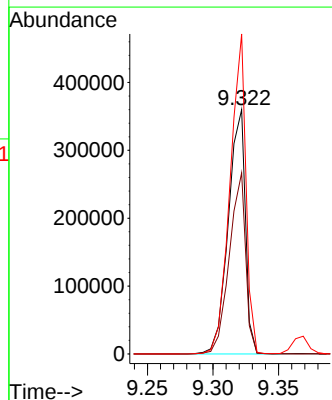
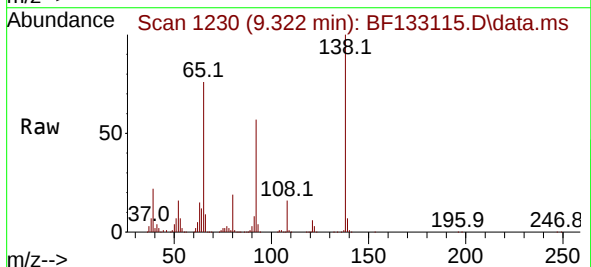
Instrument :
BNA_F
ClientSampleId :
PB152460BS

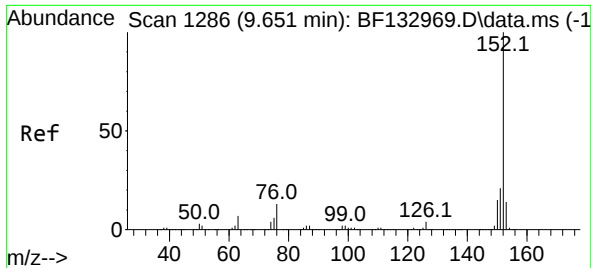
Tgt Ion:162 Resp: 1029788
Ion Ratio Lower Upper
162 100
127 41.6 32.3 48.5
164 32.8 26.8 40.2



#48
2-Nitroaniline
Concen: 39.233 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 65 Resp: 325176
Ion Ratio Lower Upper
65 100
92 74.2 55.4 83.0
138 131.0 98.2 147.2

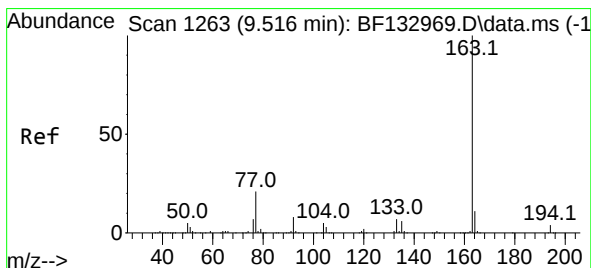
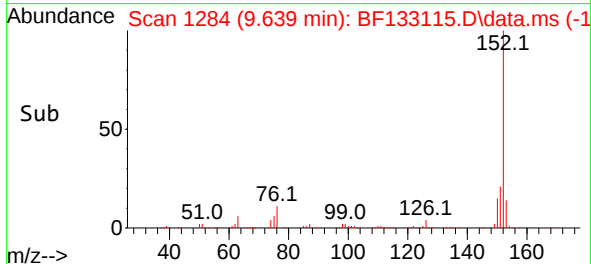
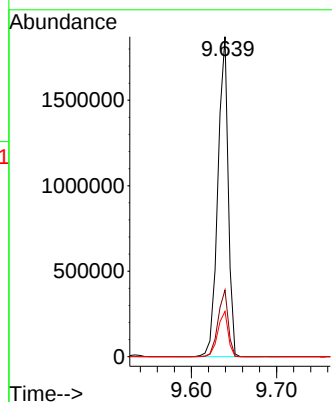
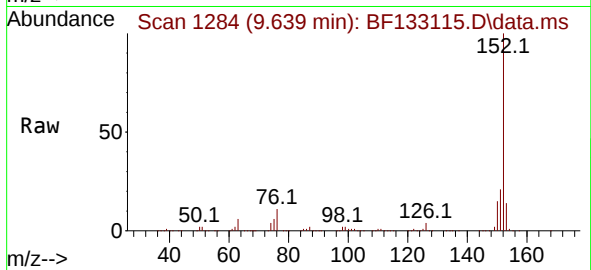




#49
Acenaphthylene
Concen: 39.283 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

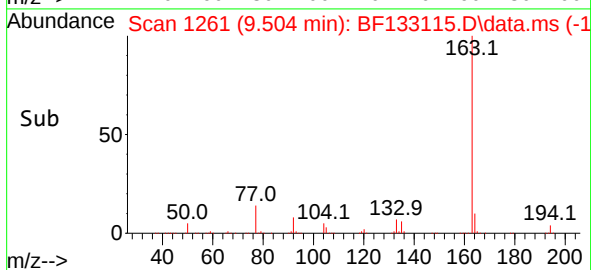
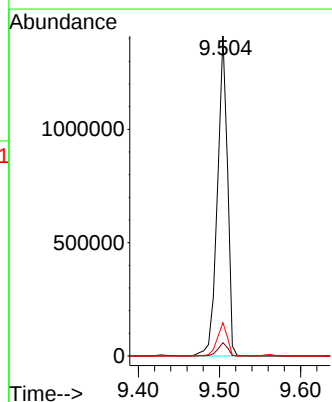
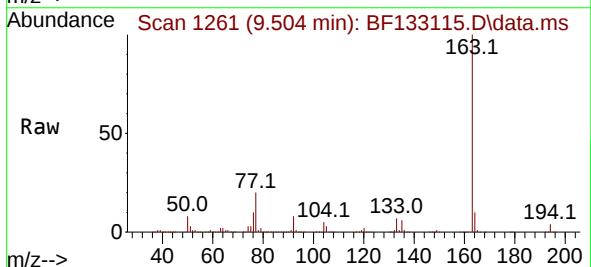
Instrument :
BNA_F
ClientSampleId :
PB152460BS

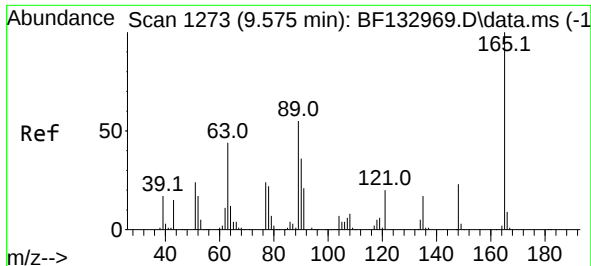
Tgt Ion:152 Resp: 1574130
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.1 11.5 17.3



#50
Dimethylphthalate
Concen: 40.207 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:163 Resp: 1211396
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 41.248 ng

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

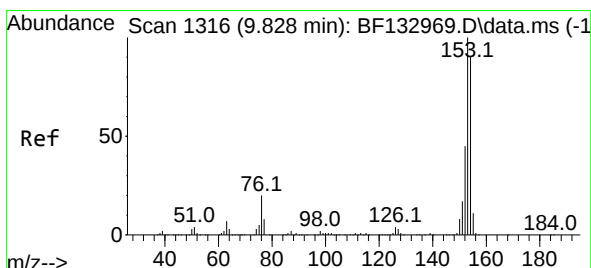
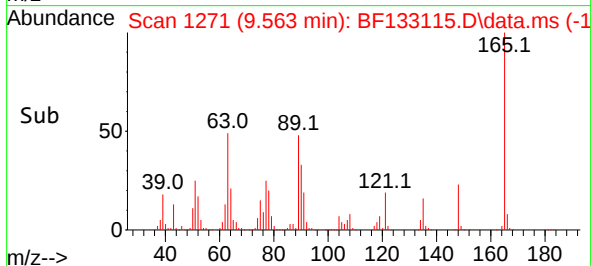
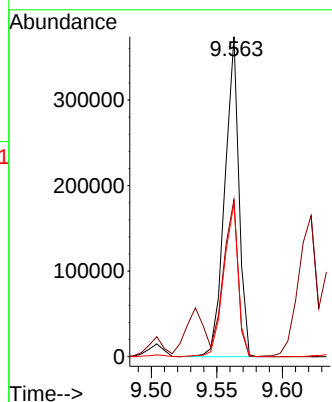
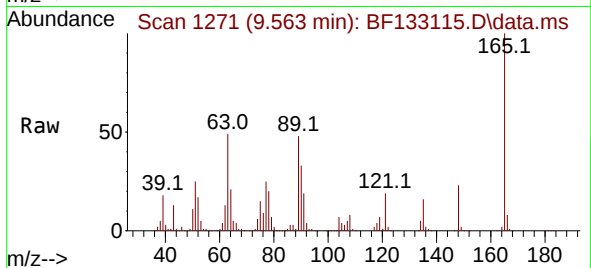
Tgt Ion:165 Resp: 279711

Ion Ratio Lower Upper

165 100

63 49.1 45.9 68.9

89 48.0 44.0 66.0



#52

Acenaphthene

Concen: 37.628 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

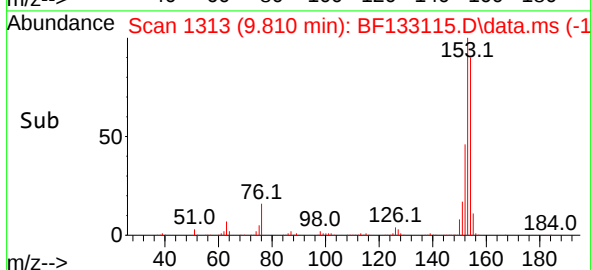
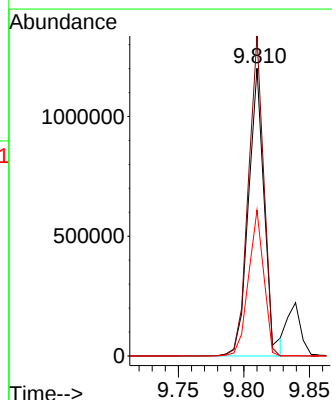
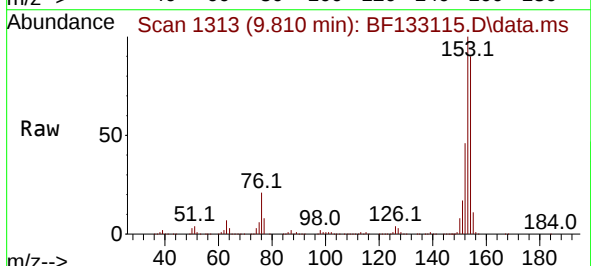
Tgt Ion:154 Resp: 1009842

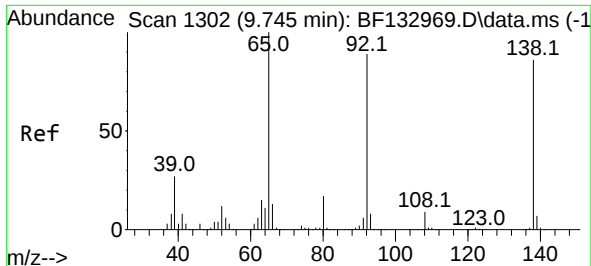
Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.6

152 50.7 40.4 60.6

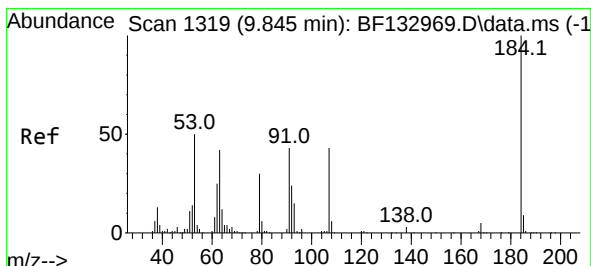
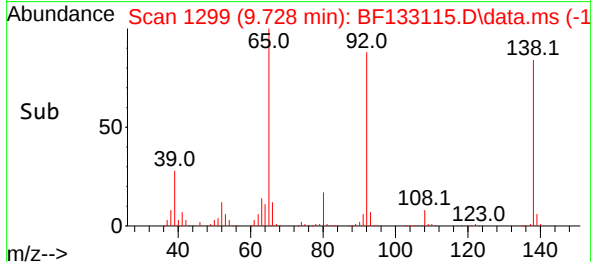
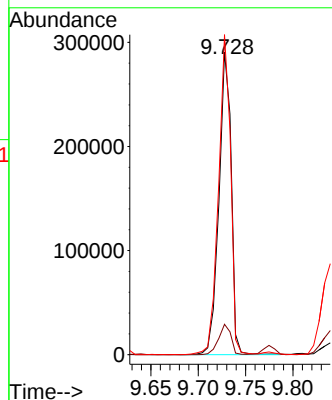
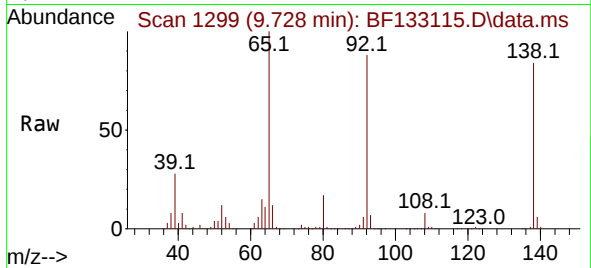




#53
3-Nitroaniline
Concen: 32.734 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

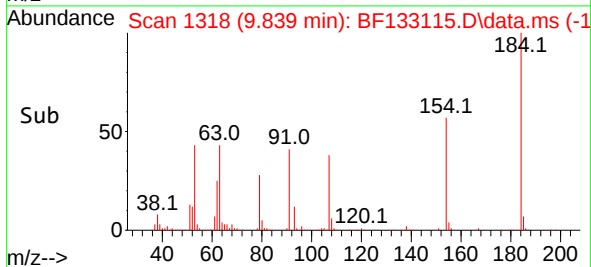
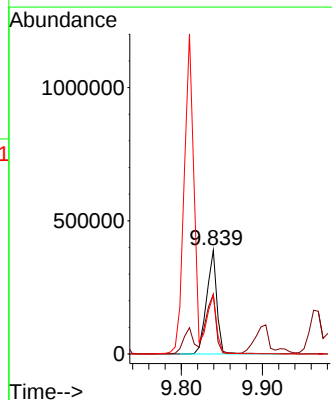
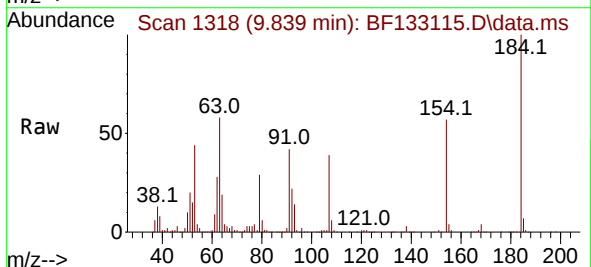
Instrument :
BNA_F
ClientSampleId :
PB152460BS

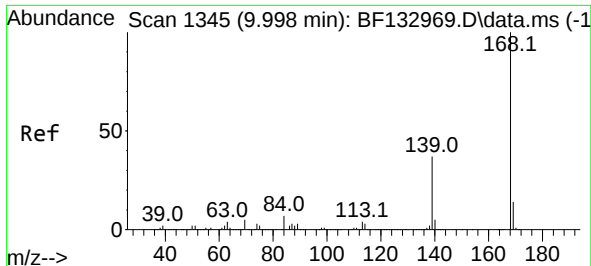
Tgt Ion:138 Resp: 263939
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 105.8 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 100.665 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:184 Resp: 343126
Ion Ratio Lower Upper
184 100
63 57.6 49.8 74.8
154 57.1 49.5 74.3

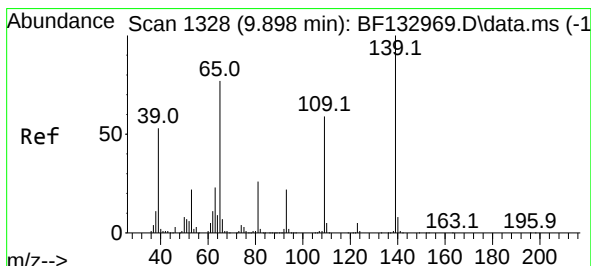
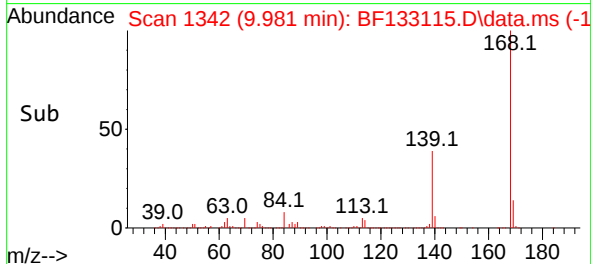
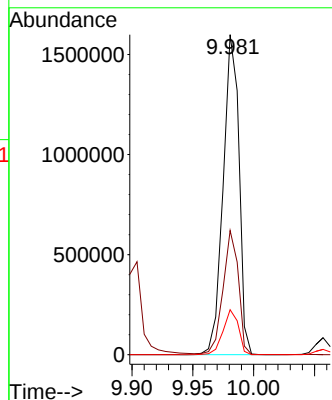
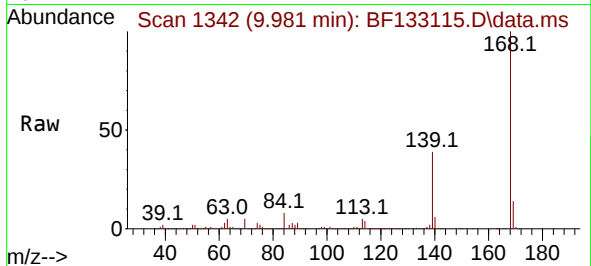




#55
Dibenzenofuran
Concen: 39.636 ng
RT: 9.981 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

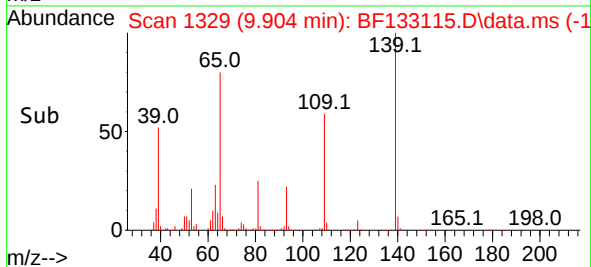
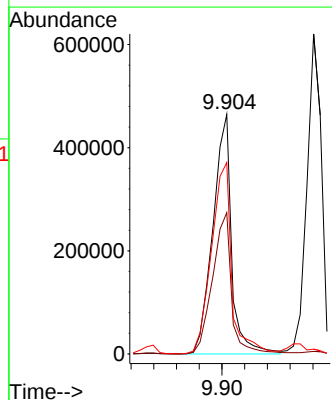
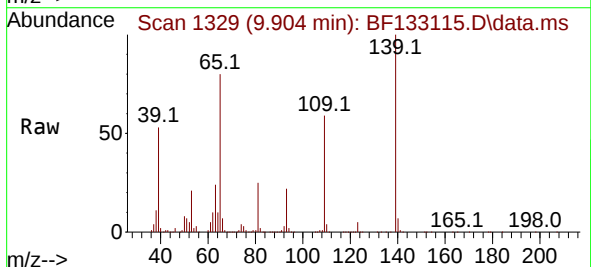
Instrument :
BNA_F
ClientSampleId :
PB152460BS

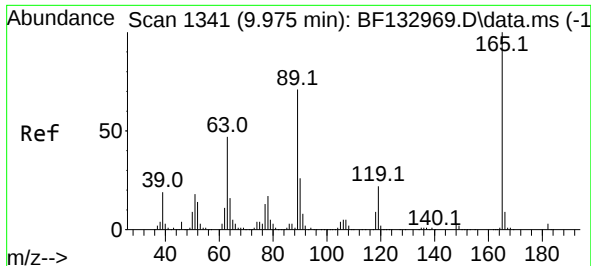
Tgt Ion:168 Resp: 1451045
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 85.195 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:139 Resp: 532043
Ion Ratio Lower Upper
139 100
109 59.0 39.4 79.4
65 79.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 43.767 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion:165 Resp: 378501

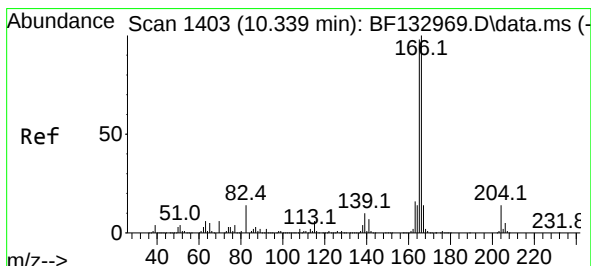
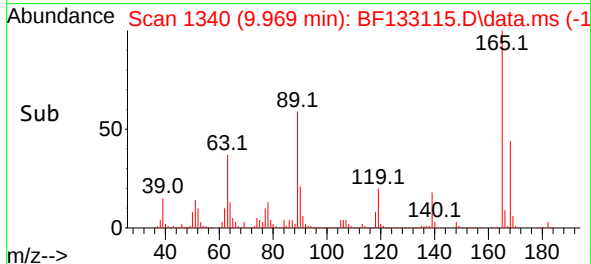
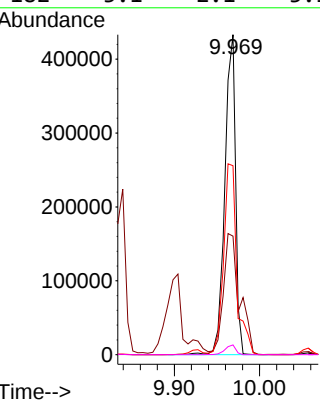
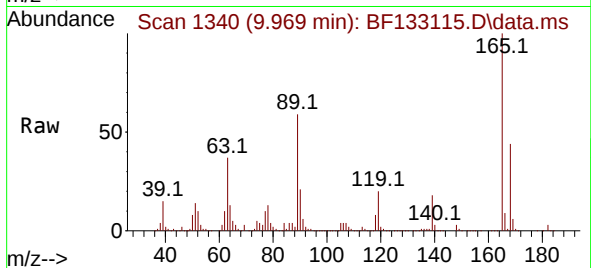
Ion Ratio Lower Upper

165 100

63 37.0 37.7 56.5#

89 59.1 57.0 85.4

182 3.1 2.1 3.1



#58

Fluorene

Concen: 40.159 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

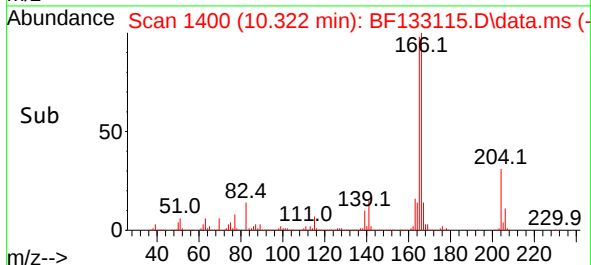
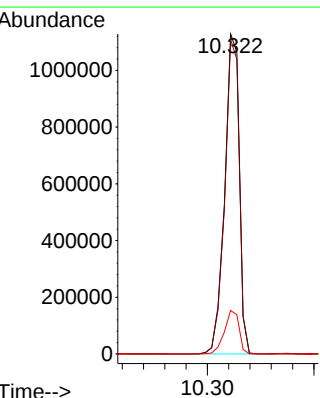
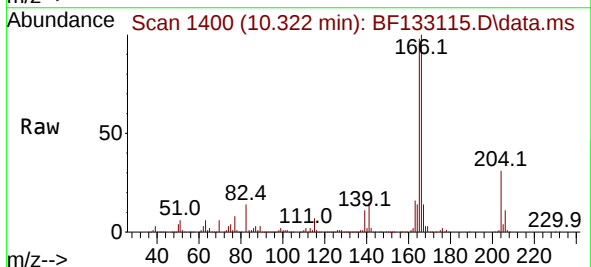
Tgt Ion:166 Resp: 1077111

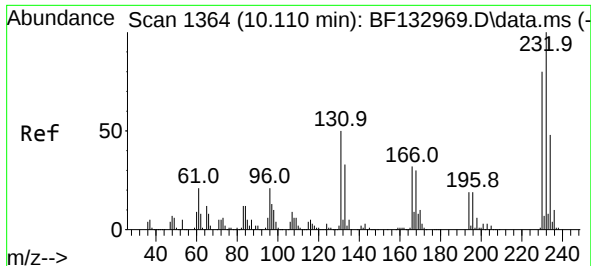
Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.324 ng

RT: 10.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion:232 Resp: 304891

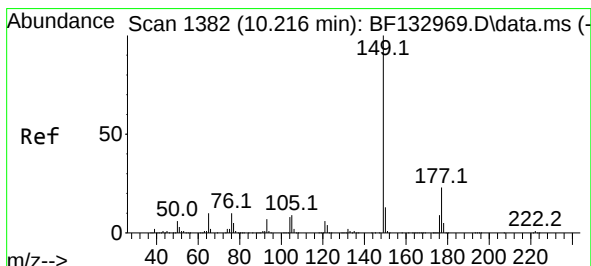
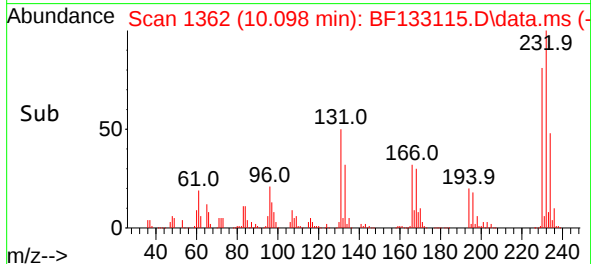
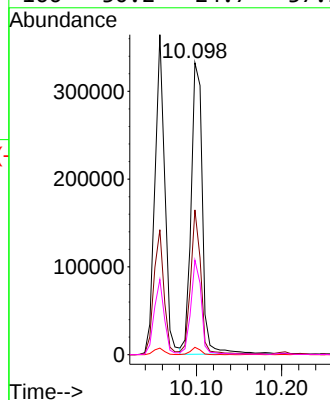
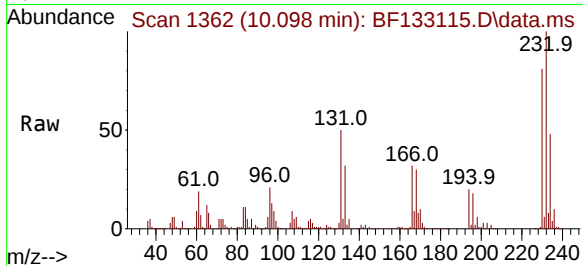
Ion Ratio Lower Upper

232 100

131 45.1 38.0 57.0

130 2.2 1.8 2.8

166 30.2 24.7 37.1



#60

Diethylphthalate

Concen: 39.707 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

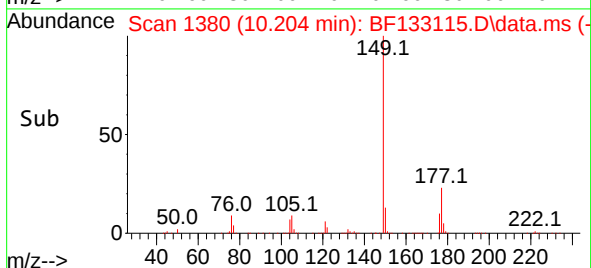
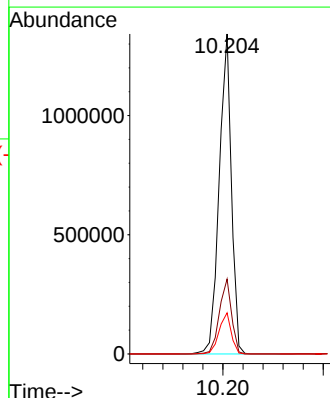
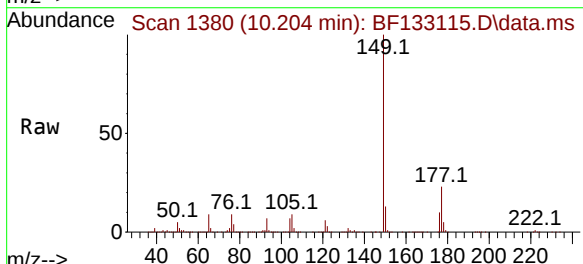
Tgt Ion:149 Resp: 1130007

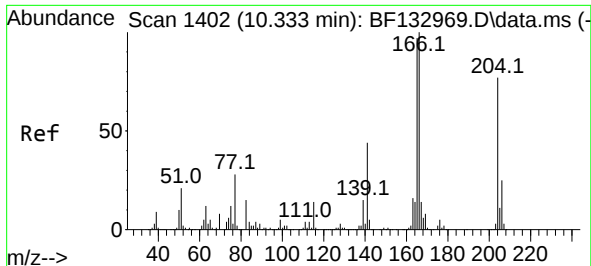
Ion Ratio Lower Upper

149 100

177 23.4 18.2 27.4

150 12.8 10.2 15.4

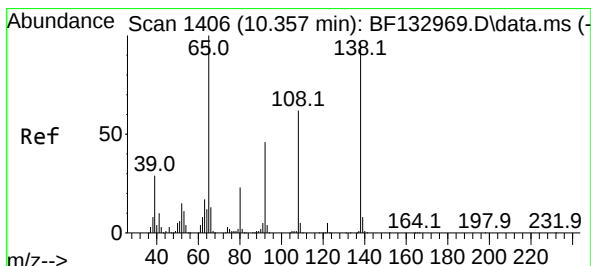
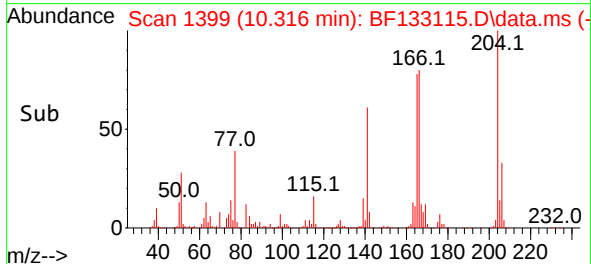
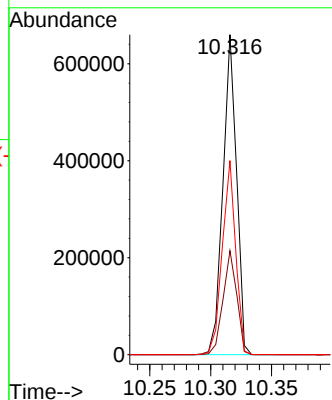
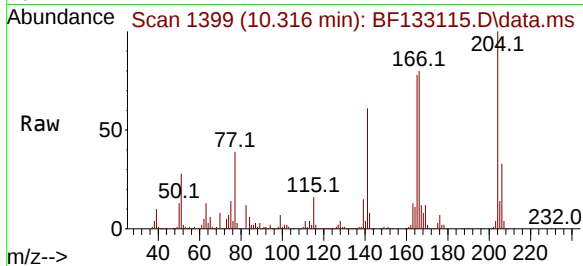




#61
4-Chlorophenyl-phenylether
Concen: 39.395 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

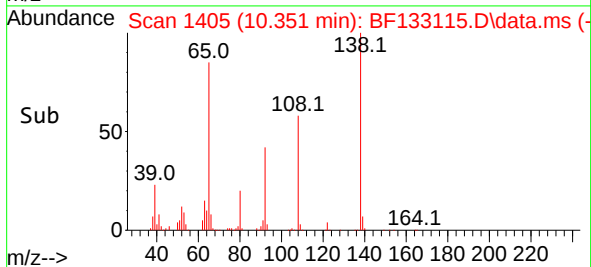
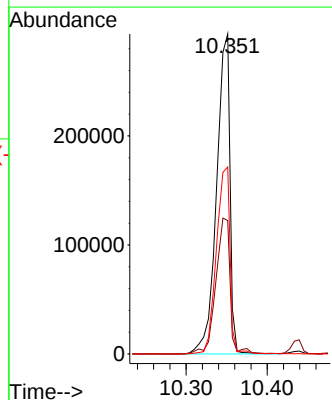
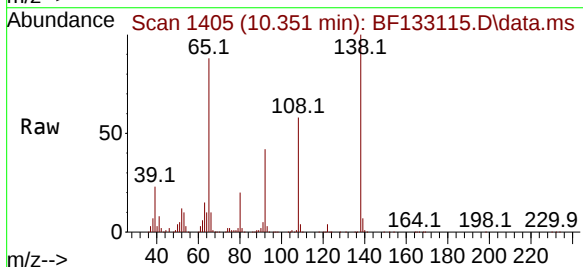
Instrument :
BNA_F
ClientSampleId :
PB152460BS

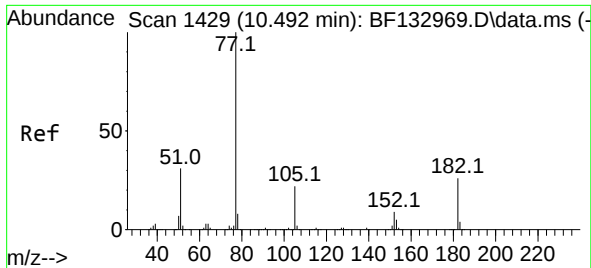
Tgt Ion:204 Resp: 514919
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 60.7 46.1 69.1



#62
4-Nitroaniline
Concen: 45.490 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:138 Resp: 337113
Ion Ratio Lower Upper
138 100
92 41.7 27.7 67.7
108 58.4 45.2 85.2

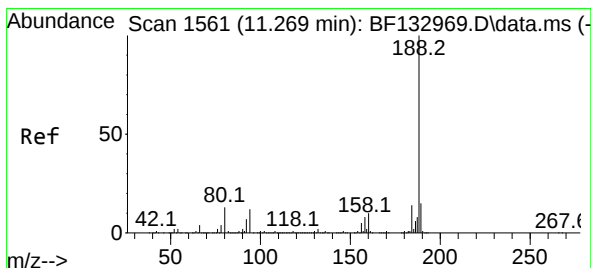
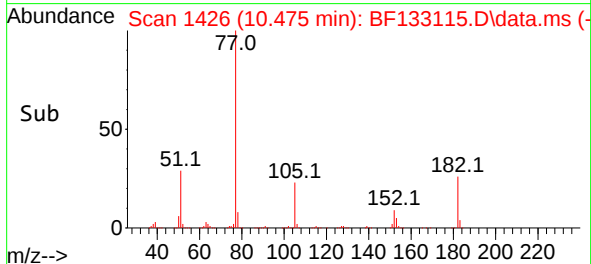
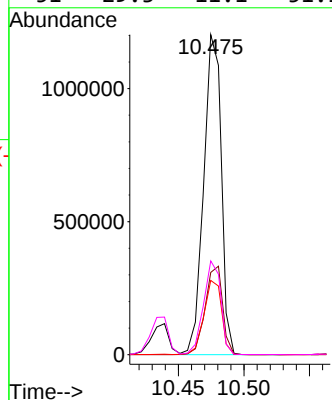
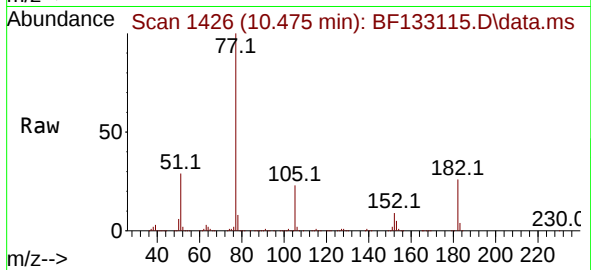




#63
Azobenzene
Concen: 37.317 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

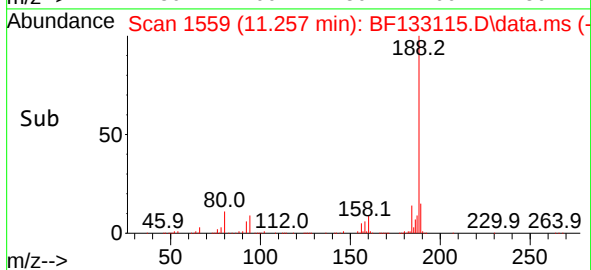
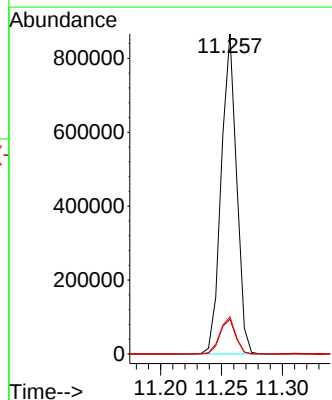
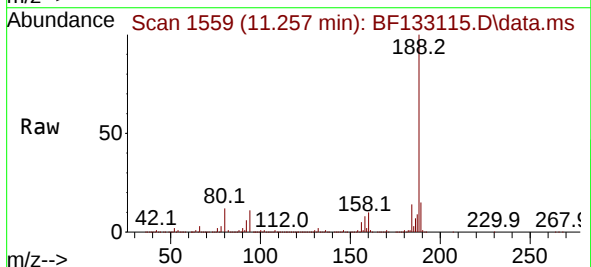
Instrument :
BNA_F
ClientSampleId :
PB152460BS

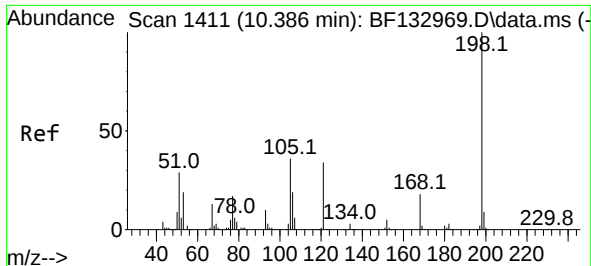
Tgt Ion: 77 Resp: 1125003
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 23.2 2.3 42.3
51 29.3 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:188 Resp: 762637
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.6 10.4 15.6

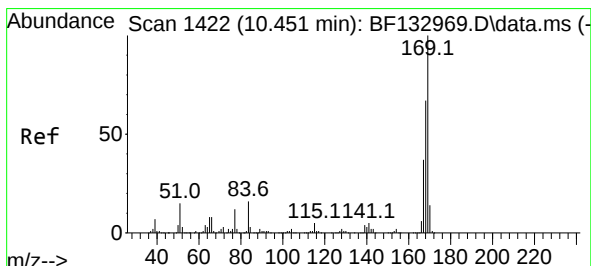
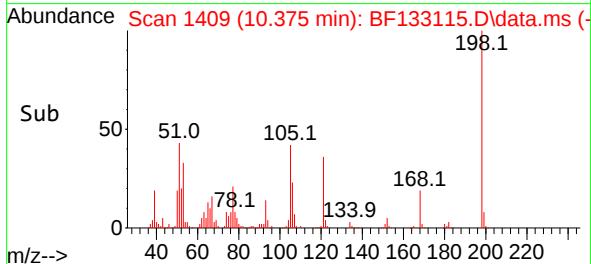
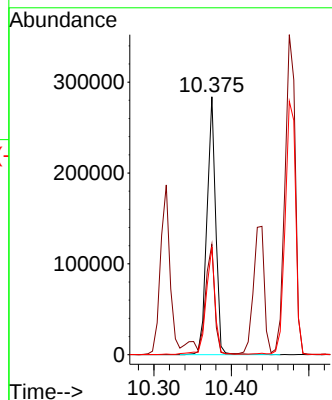
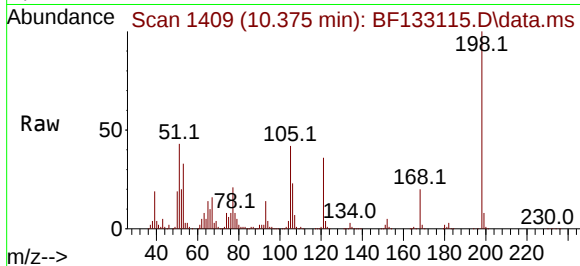




#65
4,6-Dinitro-2-methylphenol
Concen: 48.114 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

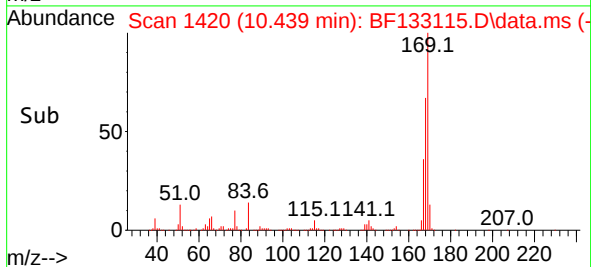
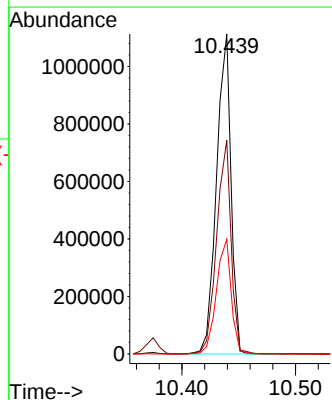
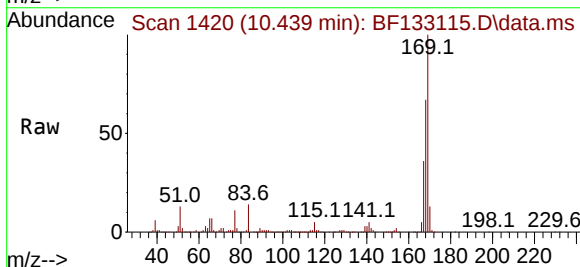
Instrument :
BNA_F
ClientSampleId :
PB152460BS

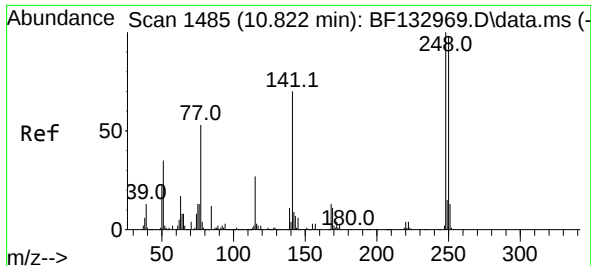
Tgt Ion:198 Resp: 222408
Ion Ratio Lower Upper
198 100
51 42.8 15.5 55.5
105 41.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.963 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:169 Resp: 988610
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 35.8 29.7 44.5

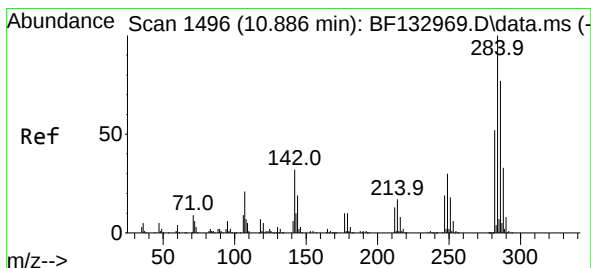
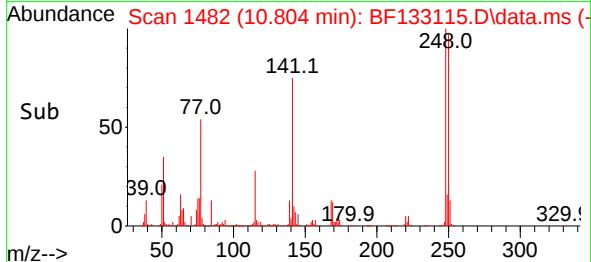
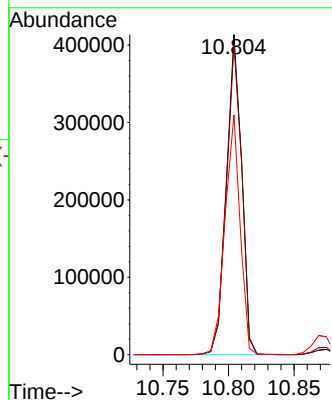
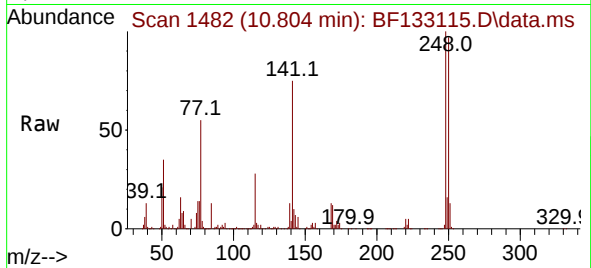




#67
4-Bromophenyl-phenylether
Concen: 40.565 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

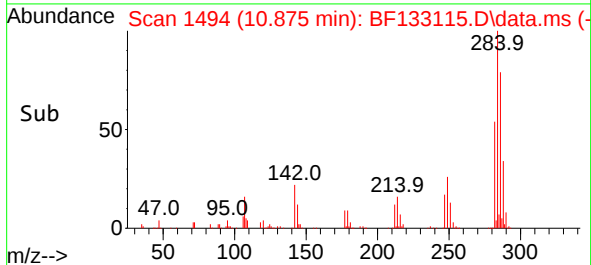
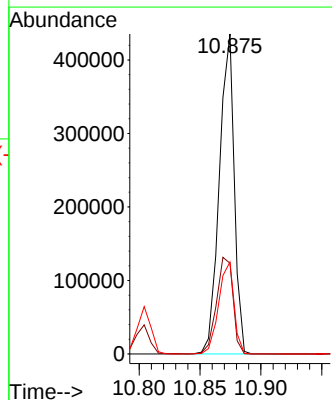
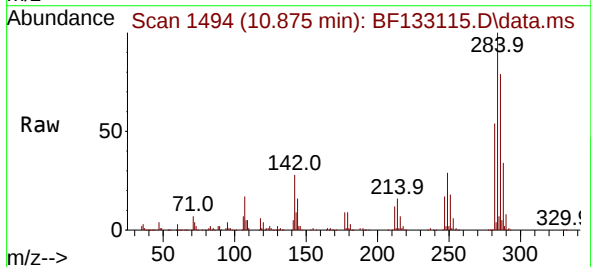
Instrument :
BNA_F
ClientSampleId :
PB152460BS

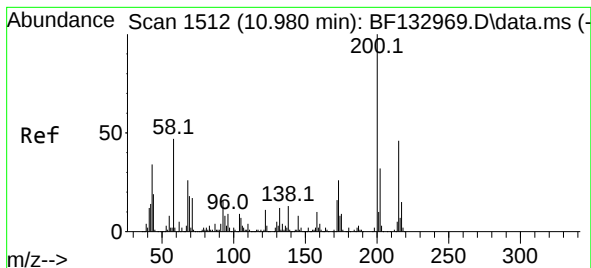
Tgt Ion:248 Resp: 335523
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 74.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 43.945 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:284 Resp: 372456
Ion Ratio Lower Upper
284 100
142 28.4 26.0 39.0
249 28.8 23.7 35.5





#69

Atrazine

Concen: 45.930 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

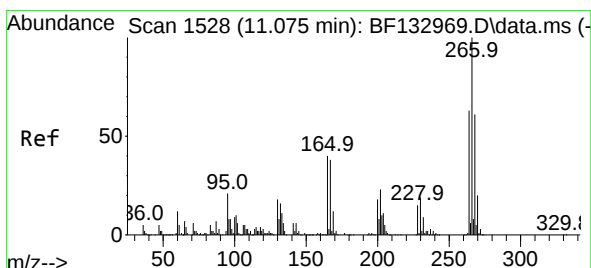
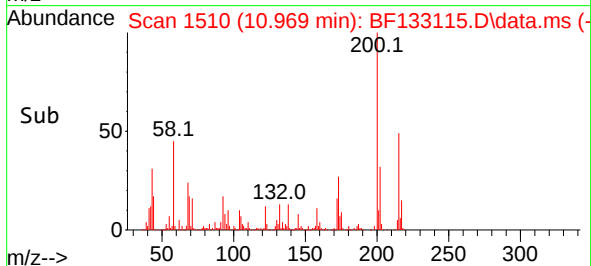
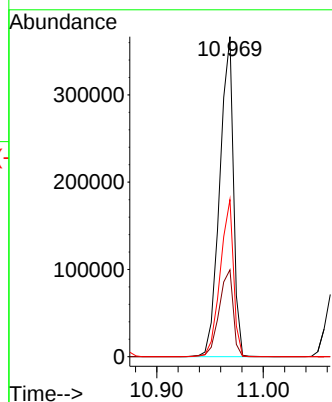
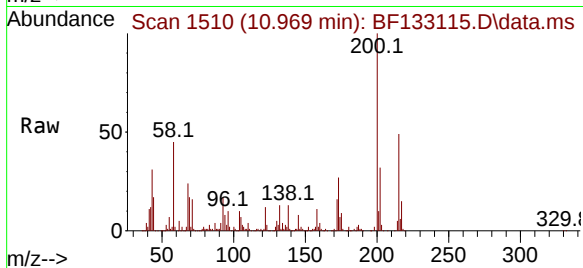
Tgt Ion:200 Resp: 327396

Ion Ratio Lower Upper

200 100

173 27.2 6.2 46.2

215 49.1 26.3 66.3



#70

Pentachlorophenol

Concen: 75.117 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

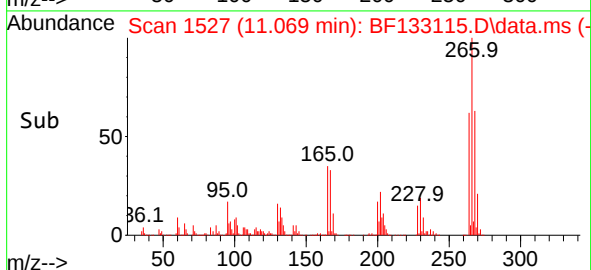
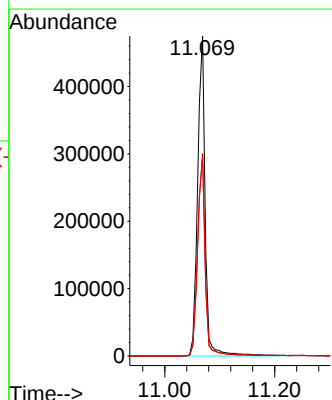
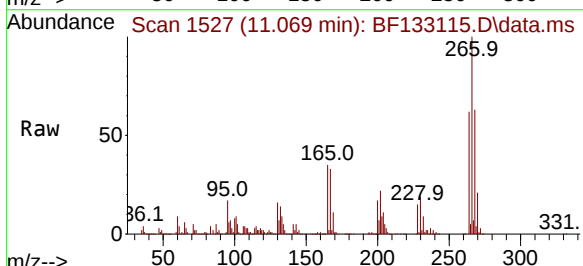
Tgt Ion:266 Resp: 453415

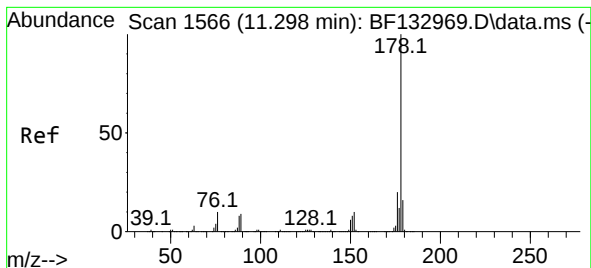
Ion Ratio Lower Upper

266 100

268 63.2 48.8 73.2

264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 40.014 ng

RT: 11.281 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

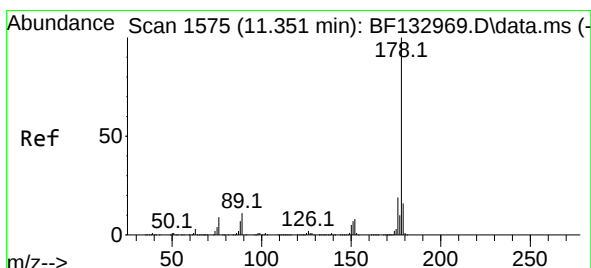
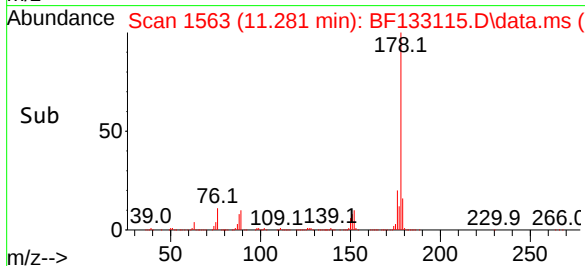
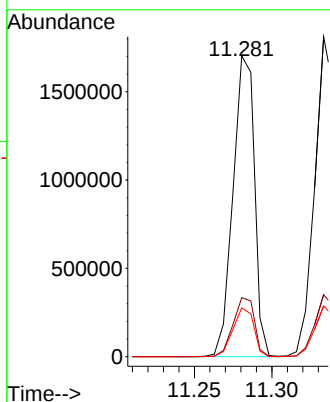
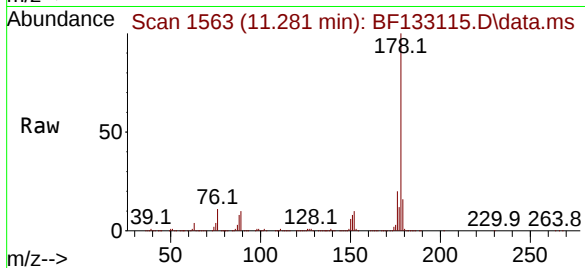
Tgt Ion:178 Resp: 1640155

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 16.2 12.5 18.7



#72

Anthracene

Concen: 39.889 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

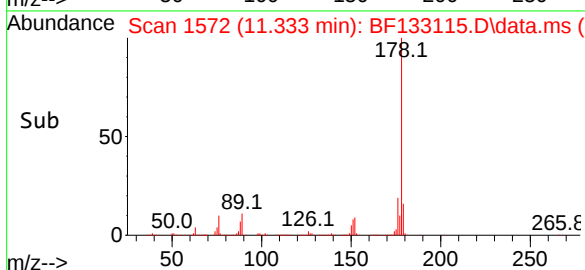
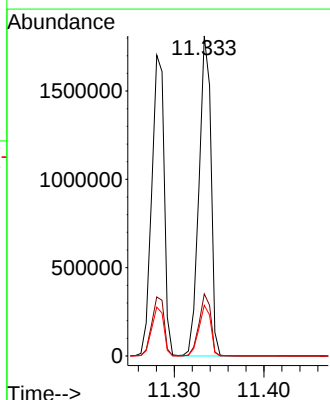
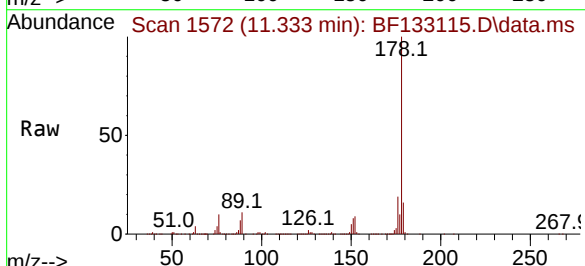
Tgt Ion:178 Resp: 1673276

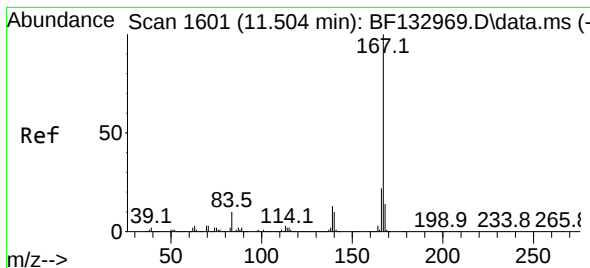
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.9 12.4 18.6





#73

Carbazole

Concen: 41.485 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

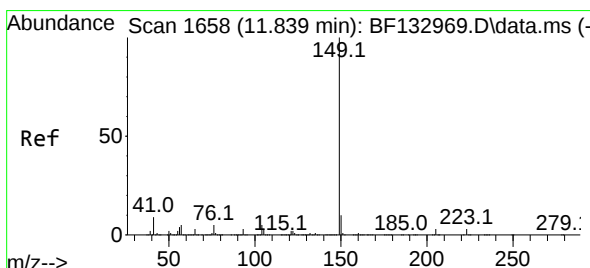
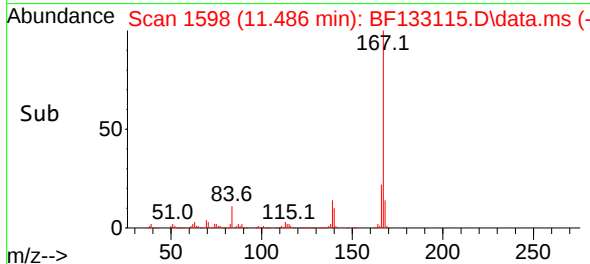
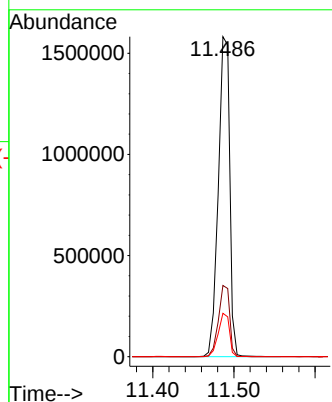
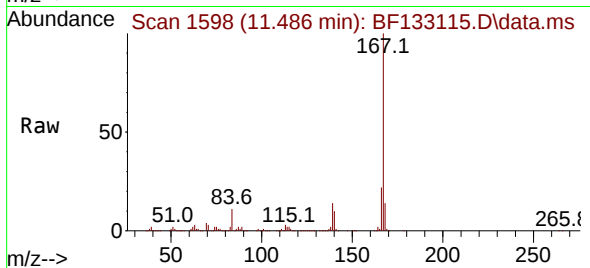
Tgt Ion:167 Resp: 1549558

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 41.648 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

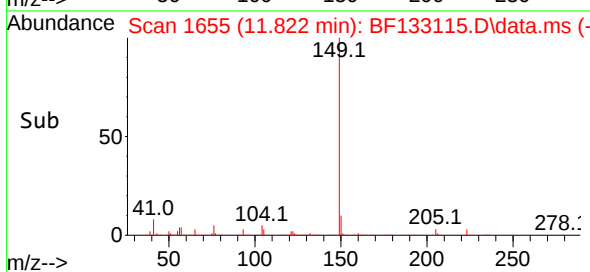
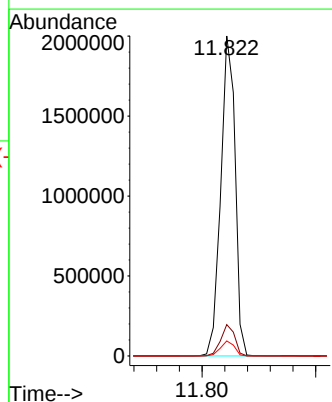
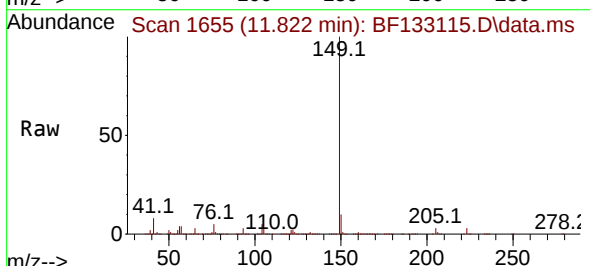
Tgt Ion:149 Resp: 1760446

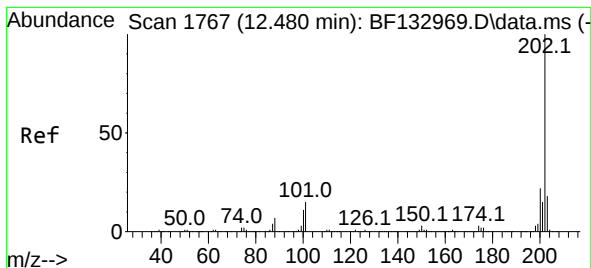
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 40.960 ng

RT: 12.469 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

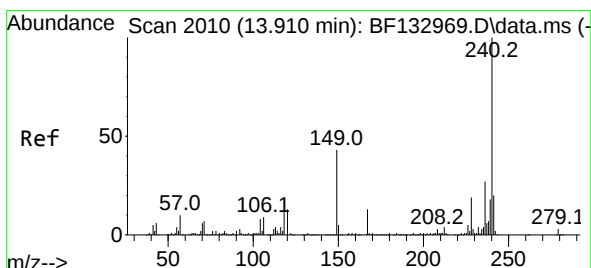
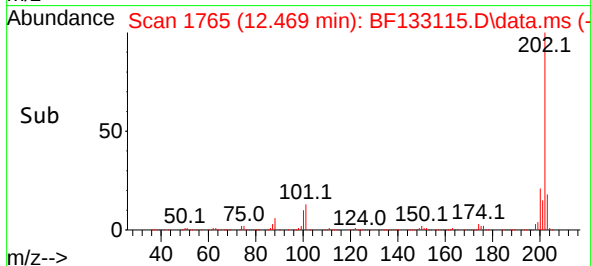
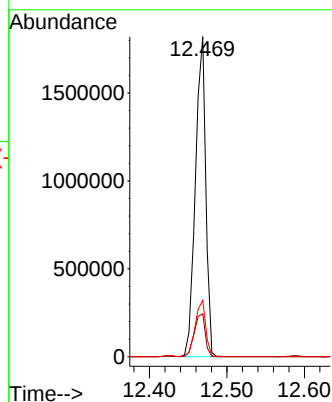
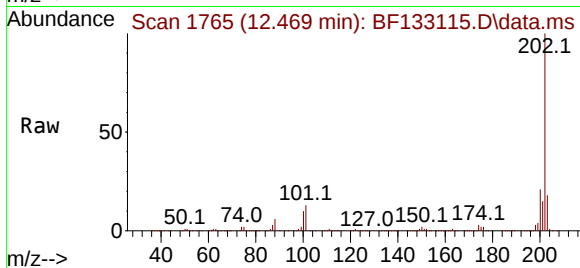
Tgt Ion:202 Resp: 1684982

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.3

203 17.6 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

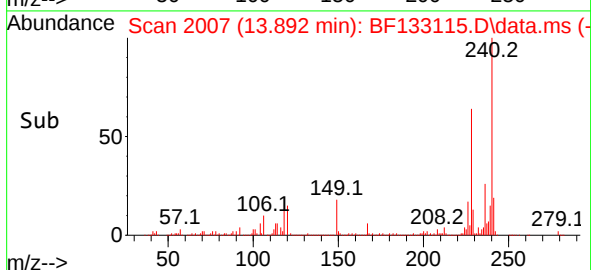
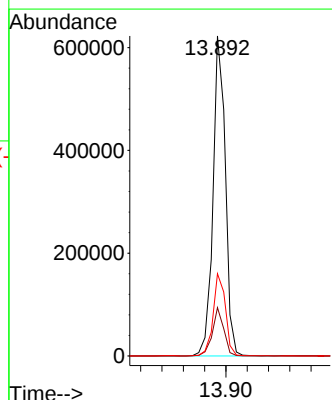
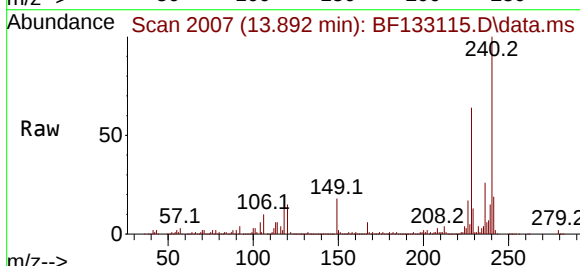
Tgt Ion:240 Resp: 503022

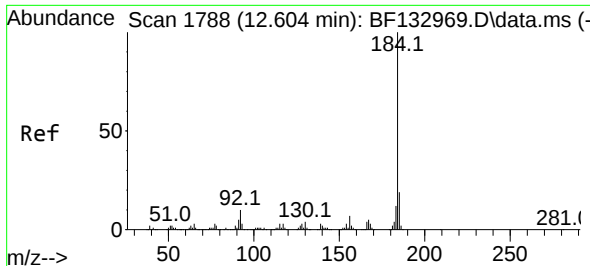
Ion Ratio Lower Upper

240 100

120 15.1 10.5 15.7

236 25.7 21.5 32.3





#77

Benzidine

Concen: 92.967 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

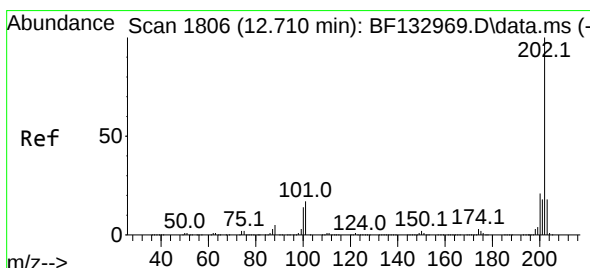
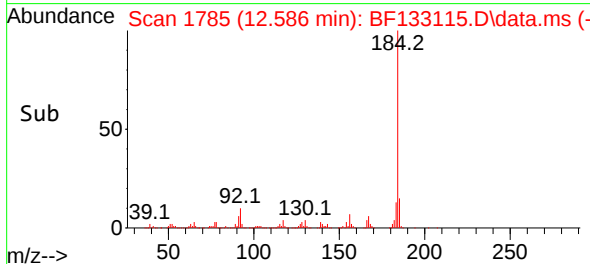
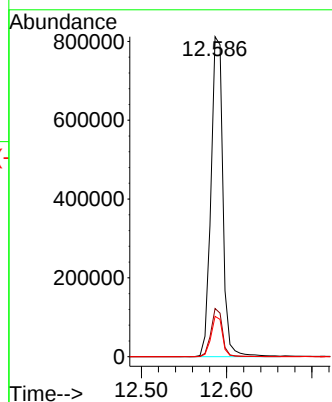
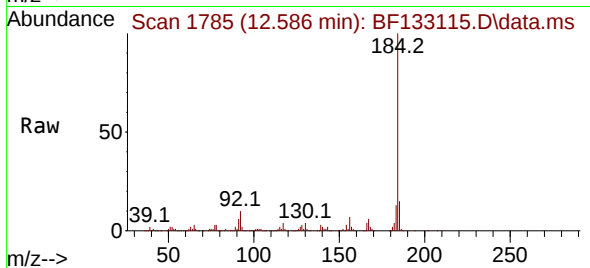
Tgt Ion:184 Resp: 790813

Ion Ratio Lower Upper

184 100

185 15.1 15.4 23.2#

183 12.6 9.4 14.0



#78

Pyrene

Concen: 40.297 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

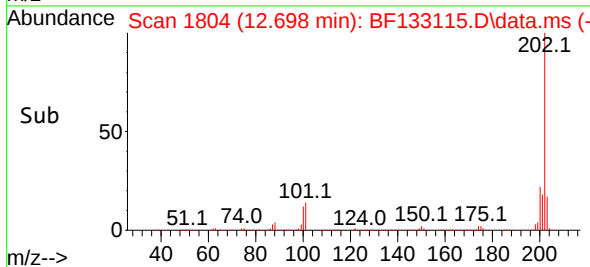
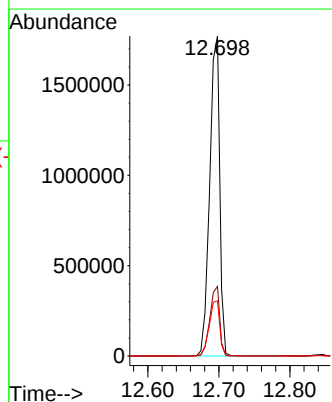
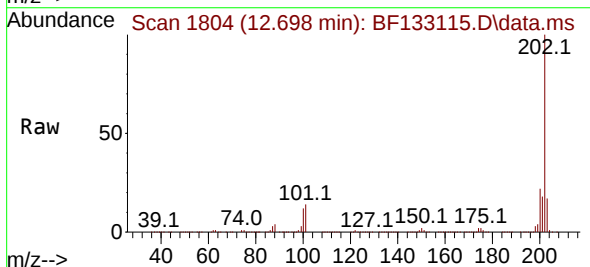
Tgt Ion:202 Resp: 1737646

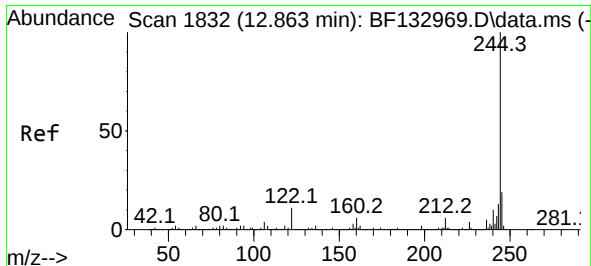
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 17.2 14.1 21.1

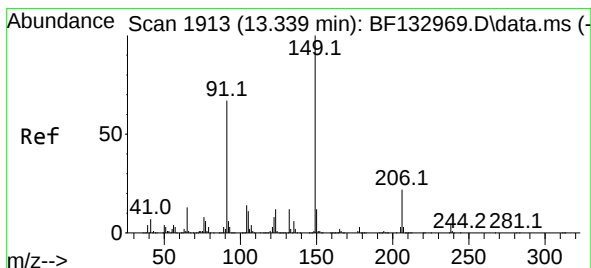
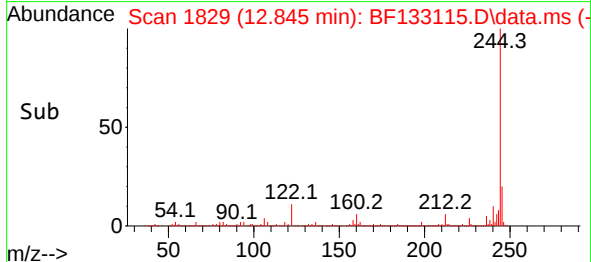
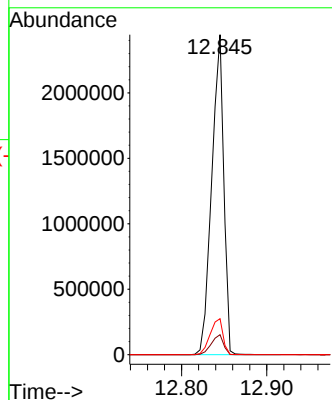
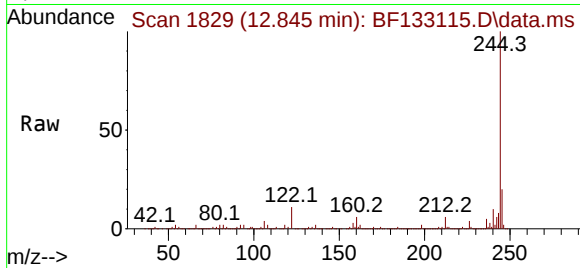




#79
 Terphenyl-d14
 Concen: 82.191 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

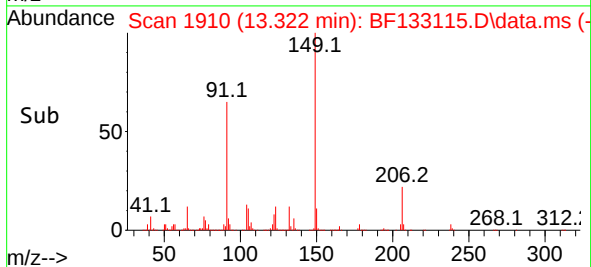
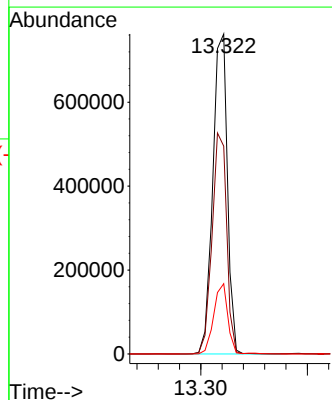
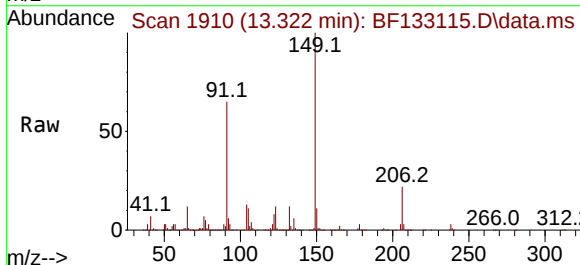
Instrument :
 BNA_F
 ClientSampleId :
 PB152460BS

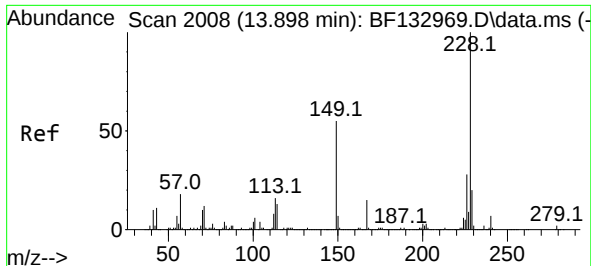
Tgt Ion:244 Resp: 2397213
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.3 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 47.767 ng
 RT: 13.322 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: BF133115.D
 Acq: 28 Apr 2023 10:47

Tgt Ion:149 Resp: 729297
 Ion Ratio Lower Upper
 149 100
 91 65.0 53.8 80.6
 206 21.9 17.5 26.3

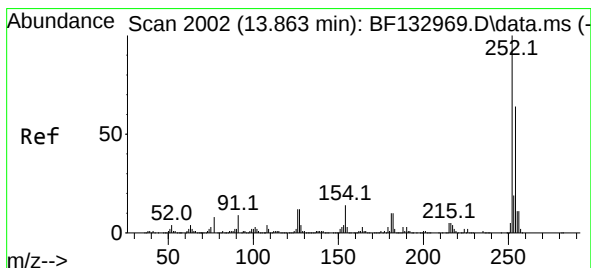
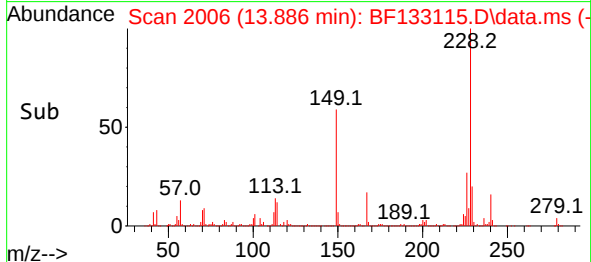
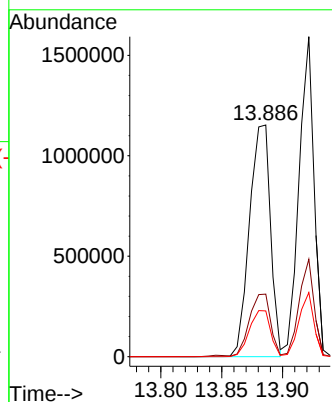
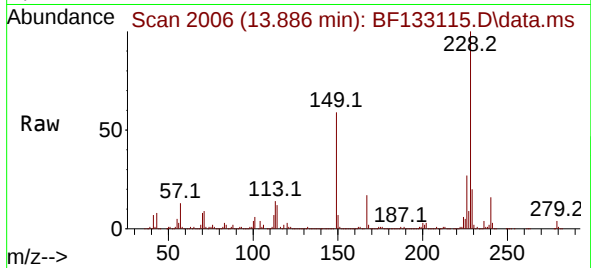




#81
Benzo(a)anthracene
Concen: 40.112 ng
RT: 13.886 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

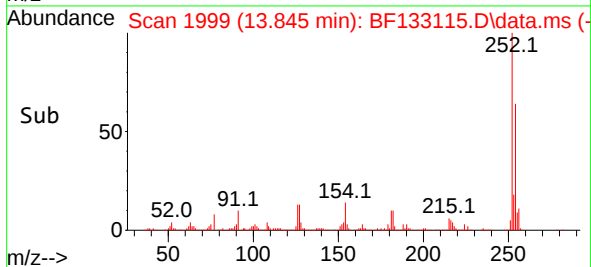
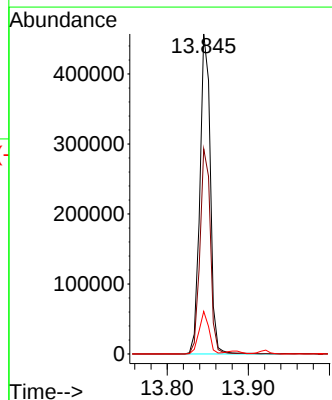
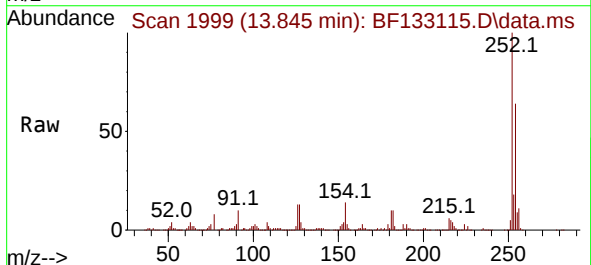
Instrument :
BNA_F
ClientSampleId :
PB152460BS

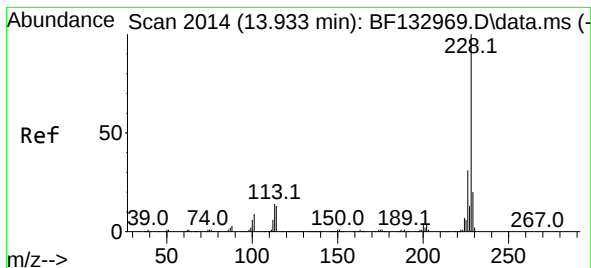
Tgt Ion:228 Resp: 1387511
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 42.741 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:252 Resp: 408430
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 13.3 9.5 14.3





#83

Chrysene

Concen: 39.600 ng

RT: 13.922 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

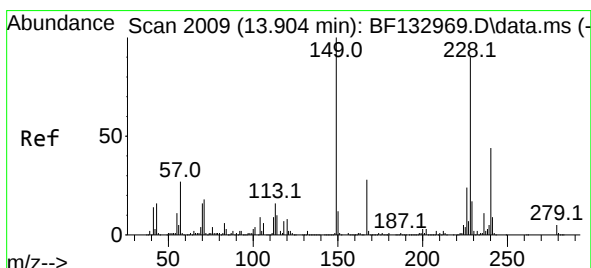
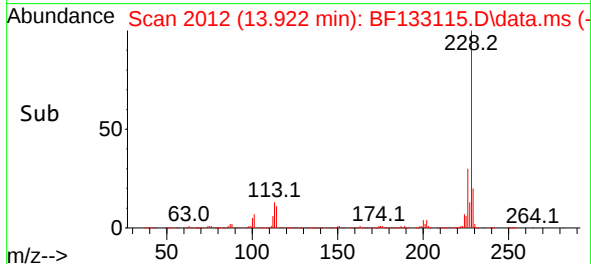
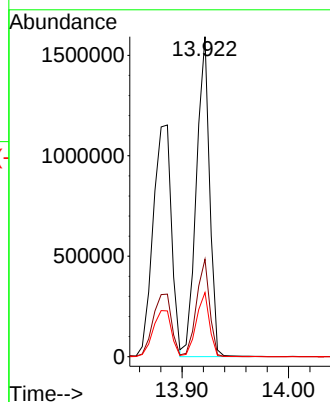
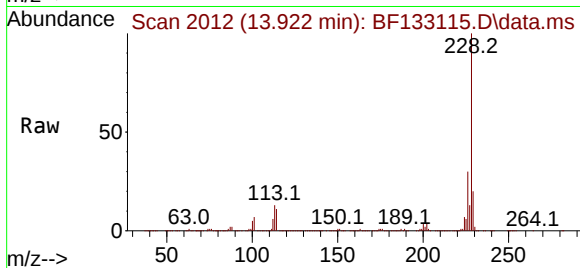
Tgt Ion:228 Resp: 1369460

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.096 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

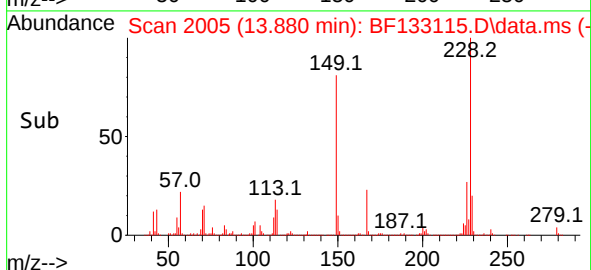
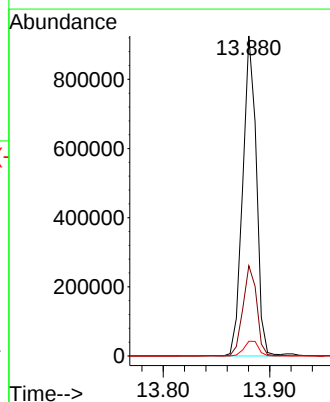
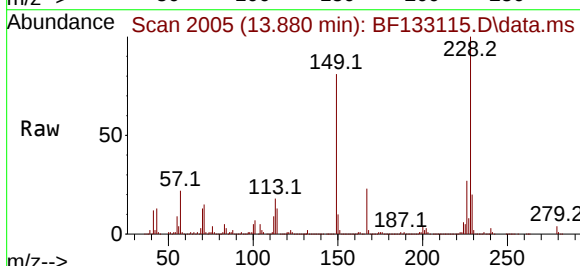
Tgt Ion:149 Resp: 825889

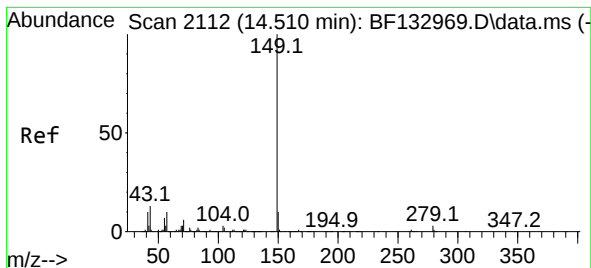
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 46.897 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

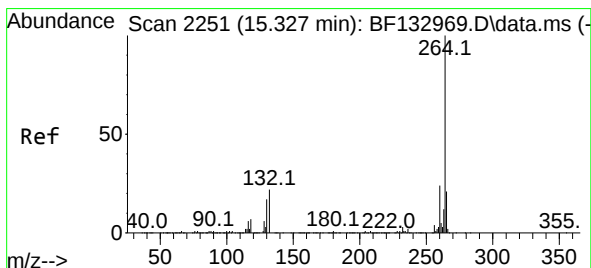
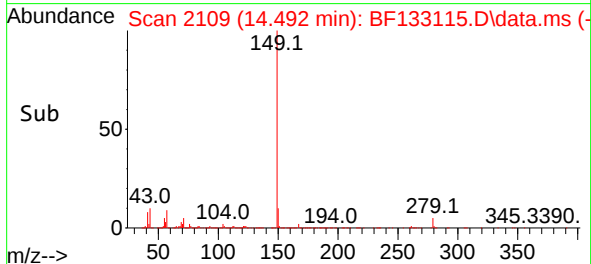
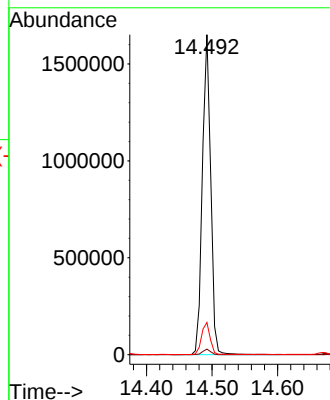
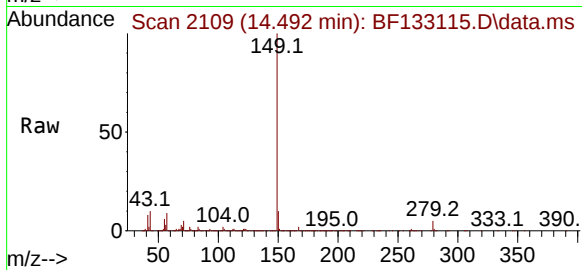
Tgt Ion:149 Resp: 1465434

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. 0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

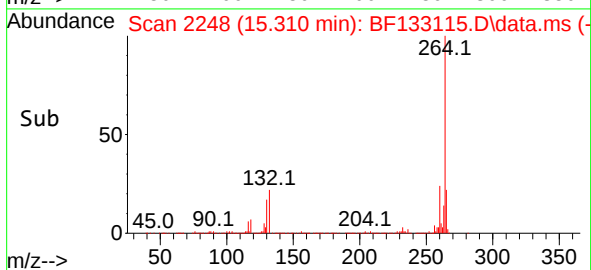
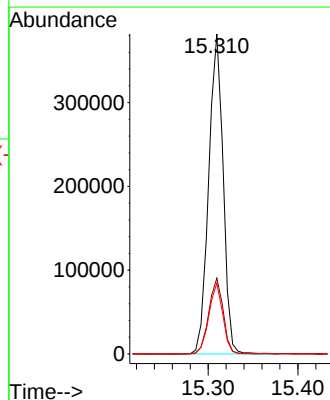
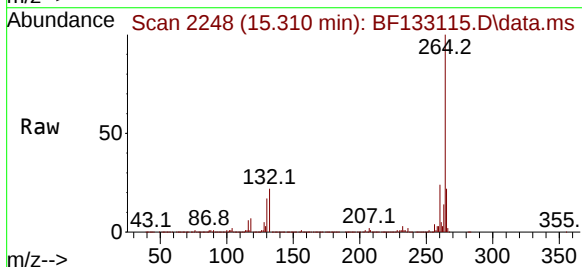
Tgt Ion:264 Resp: 426531

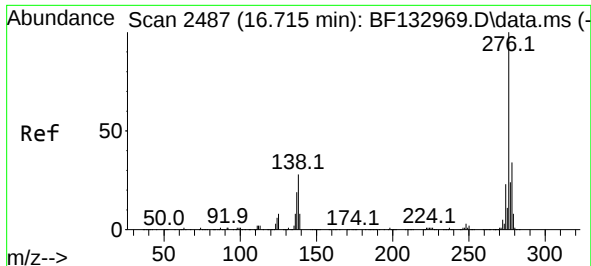
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.2 17.0 25.4

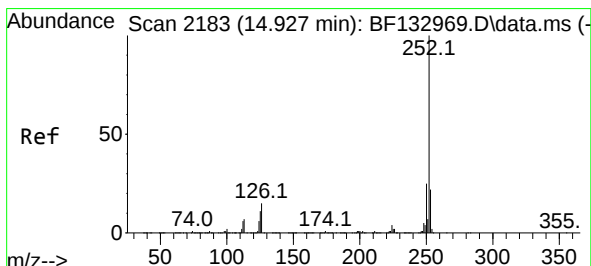
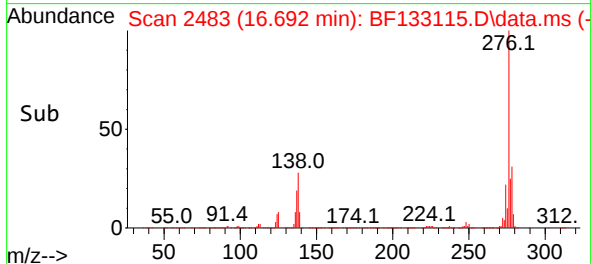
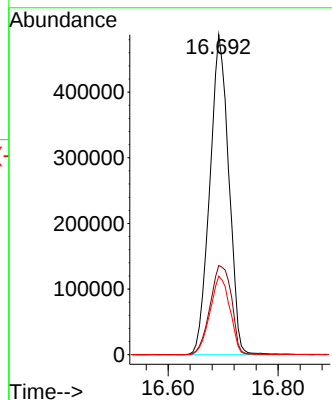
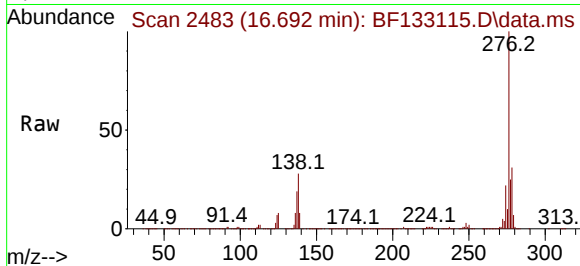




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.092 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

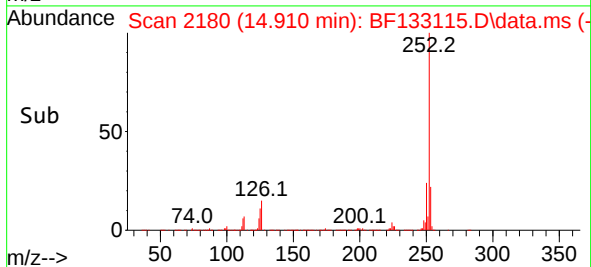
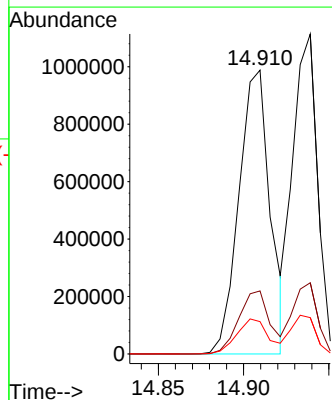
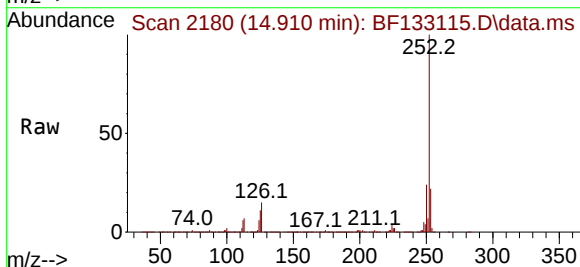
Instrument :
BNA_F
ClientSampleId :
PB152460BS

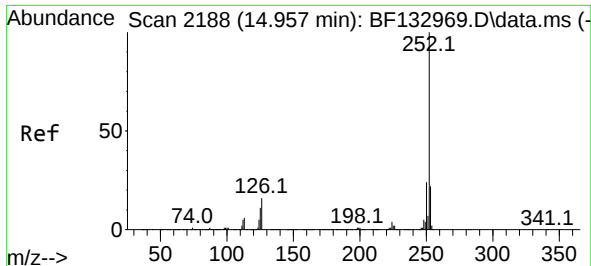
Tgt Ion:276 Resp: 1166811
Ion Ratio Lower Upper
276 100
138 31.6 25.5 38.3
277 25.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 46.507 ng
RT: 14.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:252 Resp: 1261982
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.4 8.9 13.3

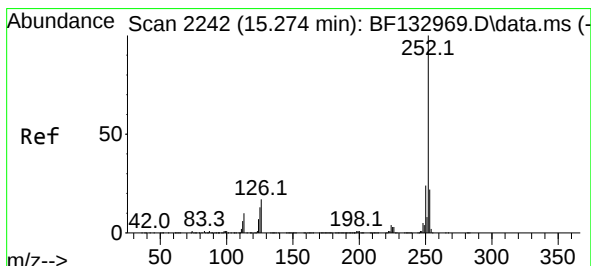
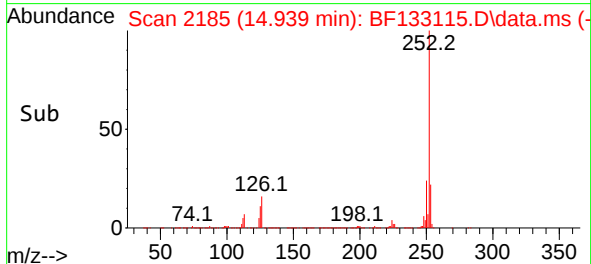
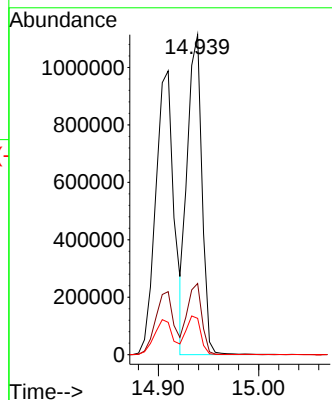
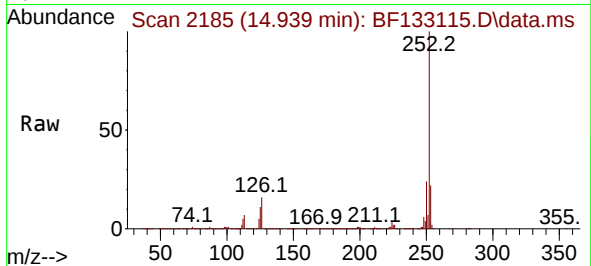




#89
Benzo(k)fluoranthene
Concen: 41.770 ng
RT: 14.939 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

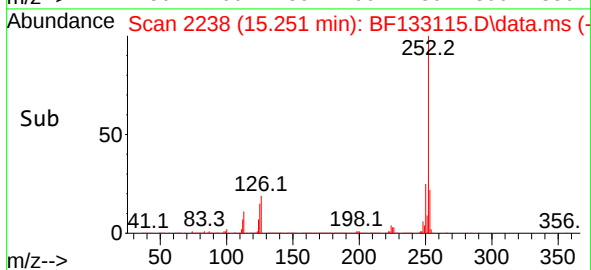
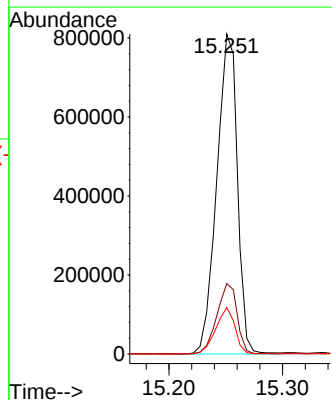
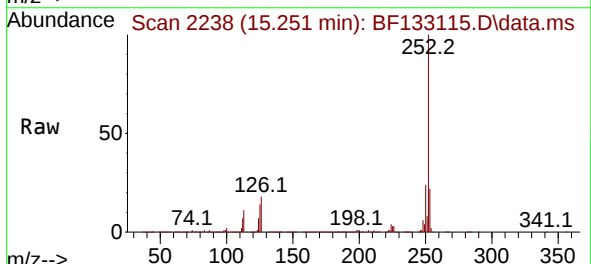
Instrument :
BNA_F
ClientSampleId :
PB152460BS

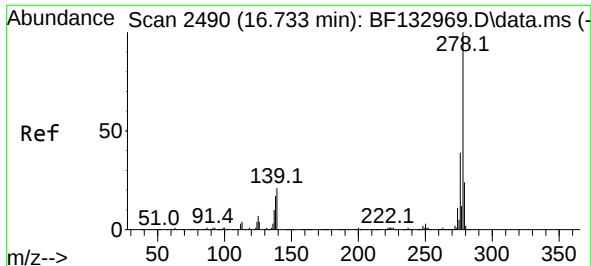
Tgt Ion:252 Resp: 1123582
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.400 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:252 Resp: 1022527
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.5 10.5 15.7

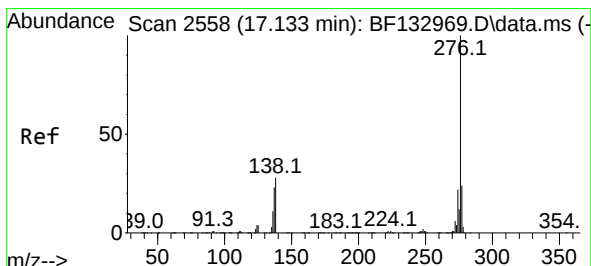
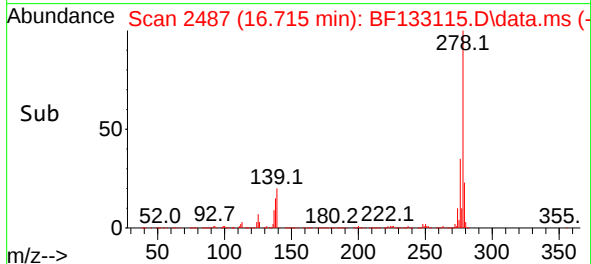
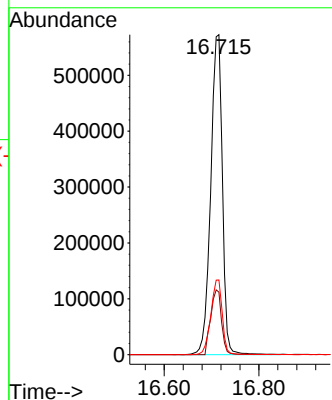
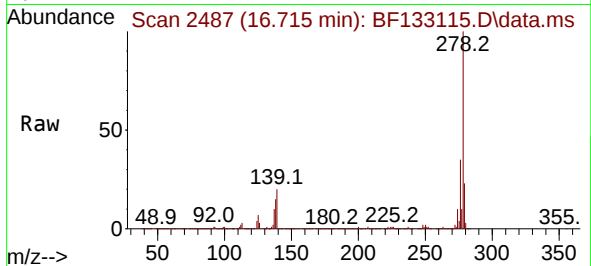




#91
Dibenzo(a,h)anthracene
Concen: 48.474 ng
RT: 16.715 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS

Tgt Ion:278 Resp: 980913
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.823 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:276 Resp: 975371
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 25.3 22.7 34.1

