

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133516.D
 Acq On : 30 May 2023 11:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 30 12:33:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	146019	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	530347	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	255012	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	494993	20.000	ng	0.00
76) Chrysene-d12	14.004	240	341174	20.000	ng	0.00
86) Perylene-d12	15.457	264	296827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	672962	76.895	ng	0.00
7) Phenol-d6	6.463	99	836602	77.654	ng	0.00
23) Nitrobenzene-d5	7.404	82	689125	86.758	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	207741	81.723	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1329650	80.476	ng	0.00
79) Terphenyl-d14	12.951	244	1429640	74.504	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	156204	39.520	ng	98
3) Pyridine	3.299	79	438685	39.584	ng	98
4) n-Nitrosodimethylamine	3.258	42	238058	39.388	ng	98
6) Aniline	6.499	93	576782	39.430	ng	99
8) 2-Chlorophenol	6.616	128	335721	38.931	ng	99
9) Benzaldehyde	6.387	77	220019	41.358	ng	99
10) Phenol	6.475	94	428020	39.604	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	352118	39.406	ng	100
12) 1,3-Dichlorobenzene	6.775	146	375382	39.210	ng	99
13) 1,4-Dichlorobenzene	6.851	146	378118	39.395	ng	99
14) 1,2-Dichlorobenzene	7.004	146	348531	39.350	ng	99
15) Benzyl Alcohol	6.975	79	321914	39.358	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	649869	38.346	ng	98
17) 2-Methylphenol	7.081	107	318269	38.973	ng	99
18) Hexachloroethane	7.346	117	128644	38.761	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	255874	36.708	ng	99
20) 3+4-Methylphenols	7.240	107	375356	40.656	ng	97
22) Acetophenone	7.246	105	466046	38.159	ng	98
24) Nitrobenzene	7.422	77	362179	42.793	ng	99
25) Isophorone	7.657	82	712330	38.479	ng	99
26) 2-Nitrophenol	7.734	139	125236	33.844	ng	98
27) 2,4-Dimethylphenol	7.769	122	310167	39.379	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	411346	38.320	ng	99
29) 2,4-Dichlorophenol	7.975	162	285102	40.232	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	302104	39.414	ng	99
31) Naphthalene	8.140	128	1014474	39.455	ng	99
32) Benzoic acid	7.881	122	152809	32.292	ng	97
33) 4-Chloroaniline	8.187	127	437360	39.688	ng	99
34) Hexachlorobutadiene	8.257	225	183153	39.282	ng	99
35) Caprolactam	8.563	113	96023	41.317	ng	97
36) 4-Chloro-3-methylphenol	8.663	107	317104	39.947	ng	100
37) 2-Methylnaphthalene	8.834	142	692400	39.441	ng	98
38) 1-Methylnaphthalene	8.928	142	641865	39.223	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	296314	39.204	ng	100
41) Hexachlorocyclopentadiene	8.981	237	148510	38.342	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	192275	39.756	ng	100

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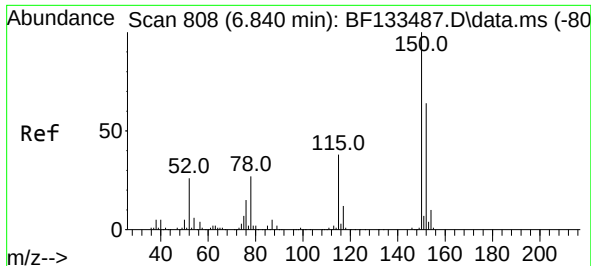
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.140	196	229255	40.839	ng	99
46) 1,1'-Biphenyl	9.298	154	815226	39.348	ng	98
47) 2-Chloronaphthalene	9.322	162	587530	39.128	ng	99
48) 2-Nitroaniline	9.416	65	178540	37.946	ng	99
49) Acenaphthylene	9.739	152	1015470	39.629	ng	99
50) Dimethylphthalate	9.598	163	703574	39.255	ng	100
51) 2,6-Dinitrotoluene	9.657	165	129218	38.692	ng	97
52) Acenaphthene	9.910	154	614098	39.563	ng	98
53) 3-Nitroaniline	9.828	138	170457	40.436	ng	95
54) 2,4-Dinitrophenol	9.928	184	48285	37.976	ng	95
55) Dibenzofuran	10.081	168	919691	39.825	ng	99
56) 4-Nitrophenol	9.975	139	127342	41.527	ng	96
57) 2,4-Dinitrotoluene	10.063	165	169566	40.873	ng	# 82
58) Fluorene	10.422	166	666105	39.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	178160	42.141	ng	99
60) Diethylphthalate	10.298	149	731892	39.336	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	313179	38.550	ng	100
62) 4-Nitroaniline	10.439	138	175400	41.195	ng	94
63) Azobenzene	10.575	77	730313	39.212	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	70297	37.137	ng	# 77
66) n-Nitrosodiphenylamine	10.534	169	619162	38.529	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	204076	38.821	ng	96
68) Hexachlorobenzene	10.969	284	212302	38.620	ng	99
69) Atrazine	11.063	200	173610	39.374	ng	98
70) Pentachlorophenol	11.157	266	135849	41.329	ng	98
71) Phenanthrene	11.386	178	974018	38.850	ng	99
72) Anthracene	11.439	178	1009104	39.108	ng	99
73) Carbazole	11.592	167	960670	39.368	ng	99
74) Di-n-butylphthalate	11.928	149	1111784	38.530	ng	100
75) Fluoranthene	12.575	202	1103838	39.860	ng	99
77) Benzidine	12.698	184	319037	31.972	ng	98
78) Pyrene	12.804	202	1118997	38.543	ng	99
80) Butylbenzylphthalate	13.427	149	444412	38.689	ng	99
81) Benzo(a)anthracene	13.992	228	883548	38.875	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	284515	40.045	ng	99
83) Chrysene	14.033	228	912757	39.782	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	552815	38.501	ng	# 98
85) Di-n-octyl phthalate	14.604	149	975705	40.793	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	721562	38.163	ng	100
88) Benzo(b)fluoranthene	15.033	252	788781	40.809	ng	98
89) Benzo(k)fluoranthene	15.069	252	736314	39.068	ng	99
90) Benzo(a)pyrene	15.398	252	688017	39.119	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	584946	38.158	ng	98
92) Benzo(g,h,i)perylene	17.351	276	617396	39.942	ng	98

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

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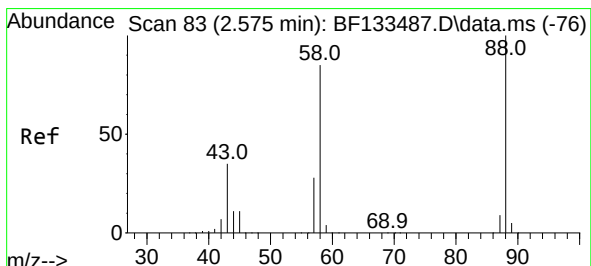
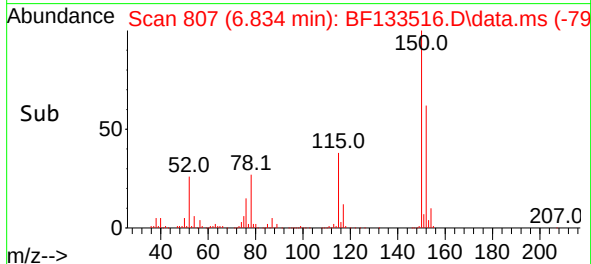
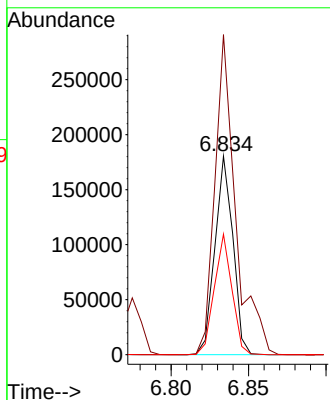
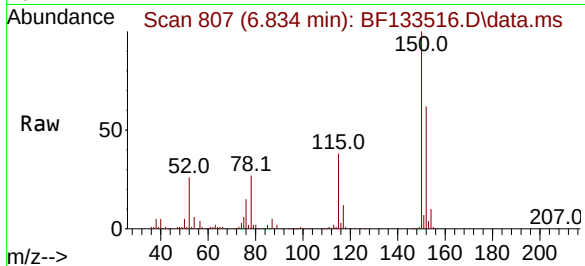




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

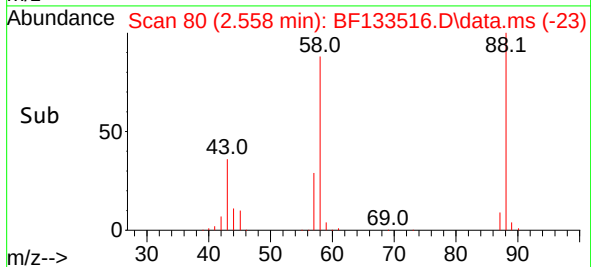
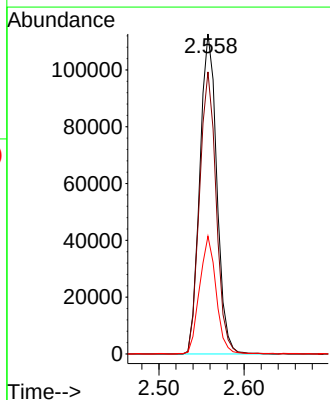
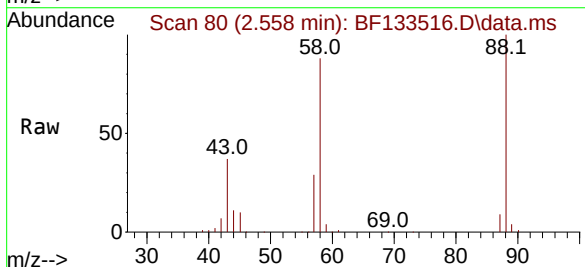
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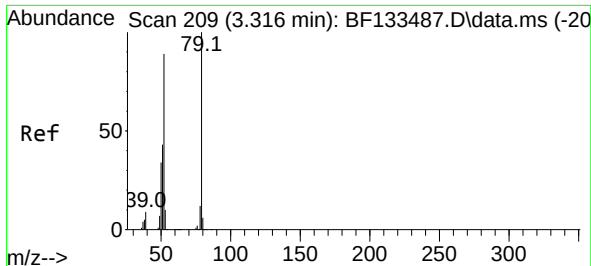
Tgt Ion:152 Resp: 146019
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.9 187.3
 115 60.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 39.520 ng
 RT: 2.558 min Scan# 80
 Delta R.T. -0.017 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Tgt Ion: 88 Resp: 156204
 Ion Ratio Lower Upper
 88 100
 58 86.2 67.7 101.5
 43 35.8 28.2 42.4

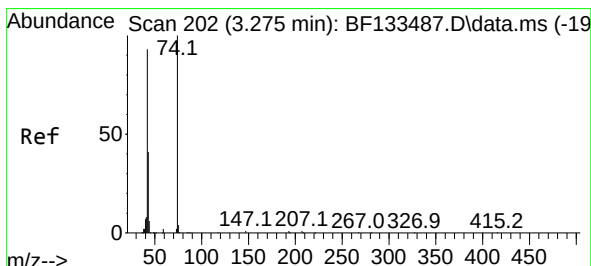
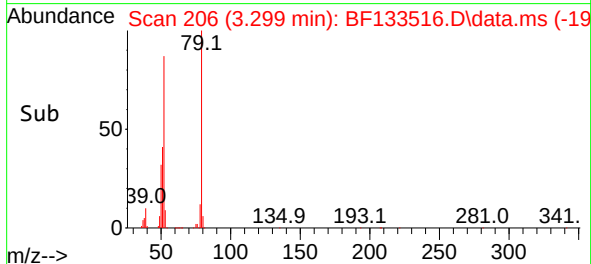
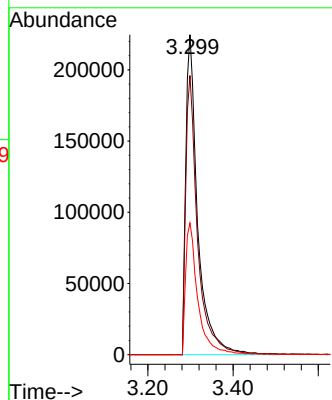
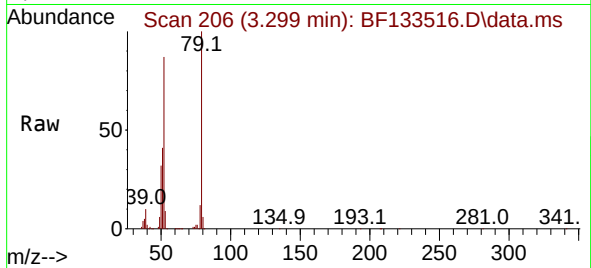




#3
 Pyridine
 Concen: 39.584 ng
 RT: 3.299 min Scan# 20
 Delta R.T. -0.017 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

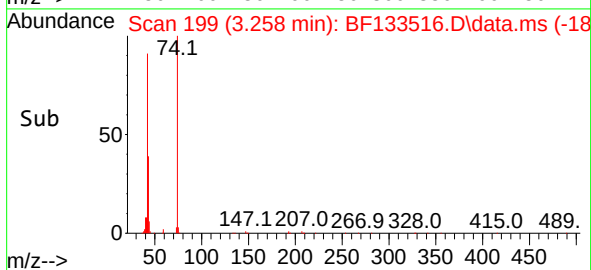
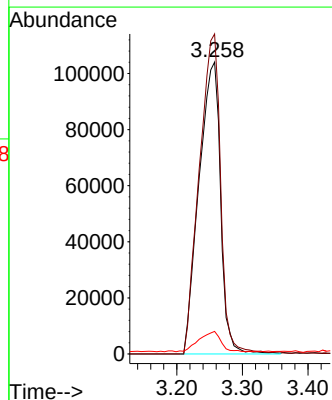
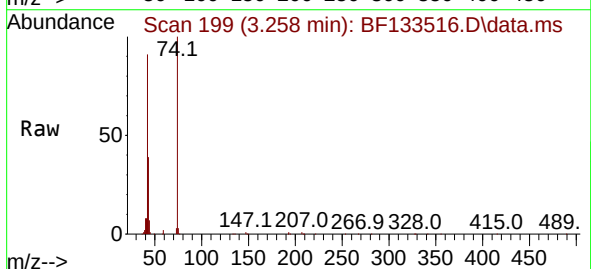
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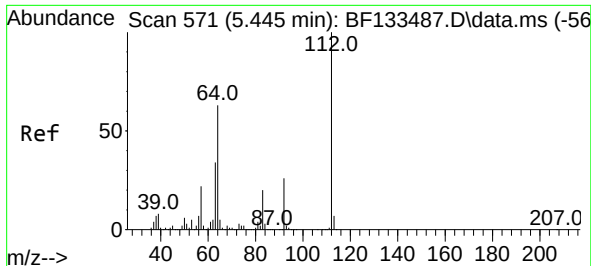
Tgt Ion: 79 Resp: 438685
 Ion Ratio Lower Upper
 79 100
 52 87.2 71.3 106.9
 51 41.2 34.4 51.6



#4
 n-Nitrosodimethylamine
 Concen: 39.388 ng
 RT: 3.258 min Scan# 199
 Delta R.T. -0.017 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Tgt Ion: 42 Resp: 238058
 Ion Ratio Lower Upper
 42 100
 74 109.6 85.7 128.5
 44 7.7 5.6 8.4

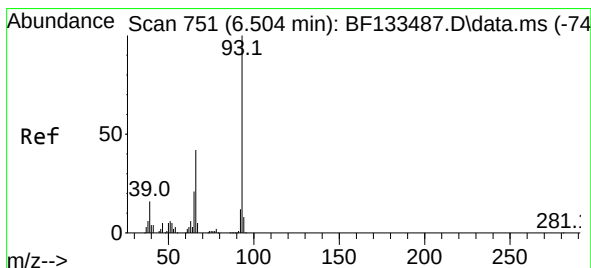
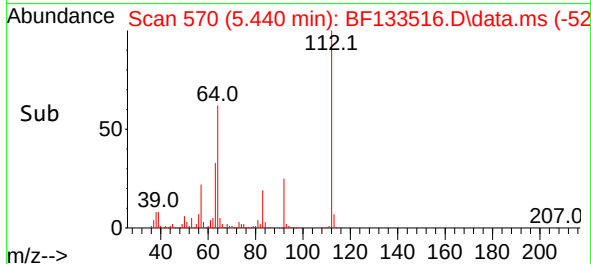
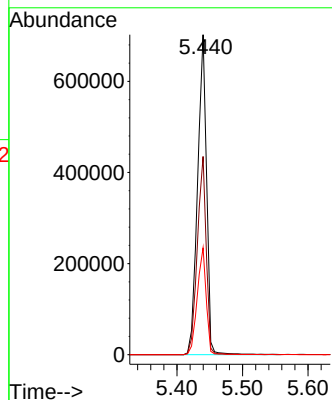
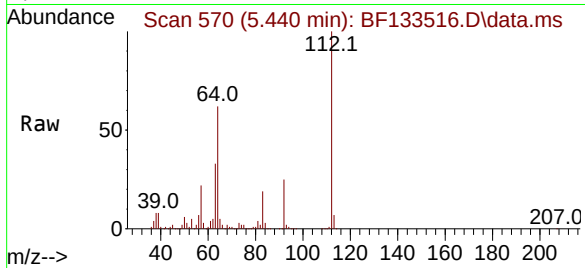




#5
2-Fluorophenol
Concen: 76.895 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

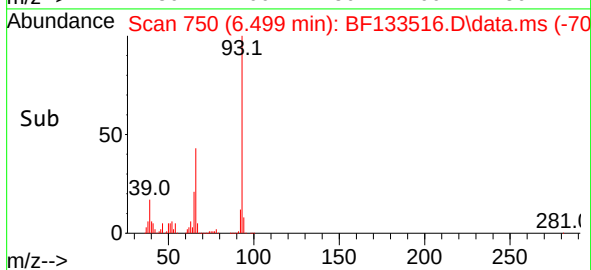
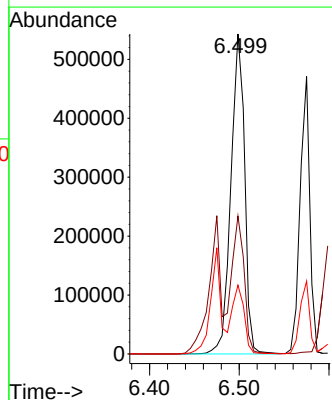
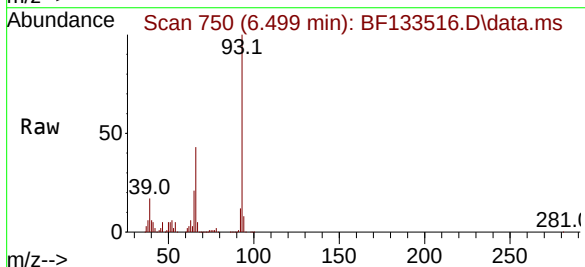
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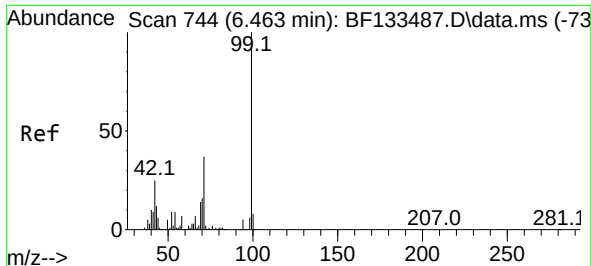
Tgt Ion:112 Resp: 672962
Ion Ratio Lower Upper
112 100
64 61.9 50.1 75.1
63 33.4 27.5 41.3



#6
Aniline
Concen: 39.430 ng
RT: 6.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion: 93 Resp: 576782
Ion Ratio Lower Upper
93 100
66 43.1 33.9 50.9
65 21.5 17.2 25.8

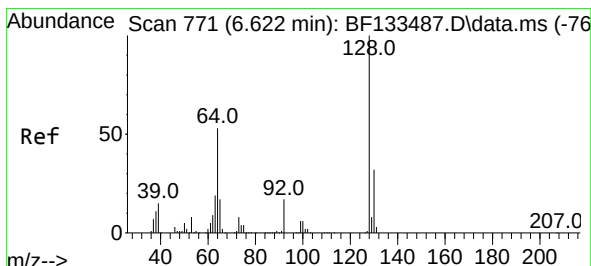
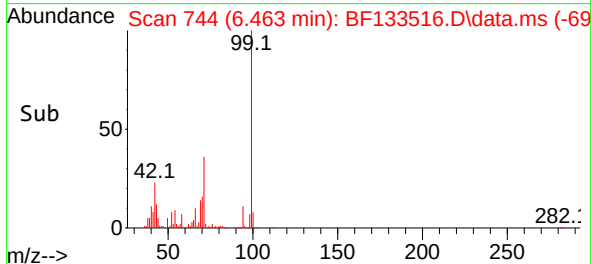
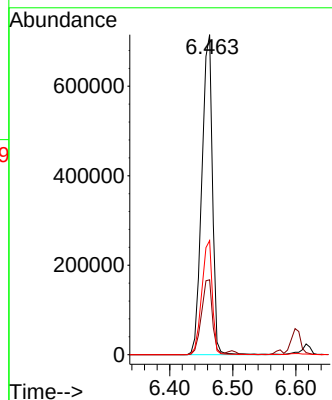
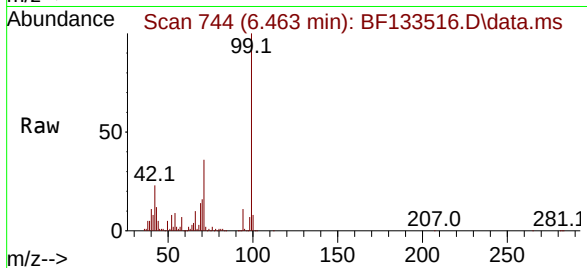




#7
Phenol-d6
Concen: 77.654 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

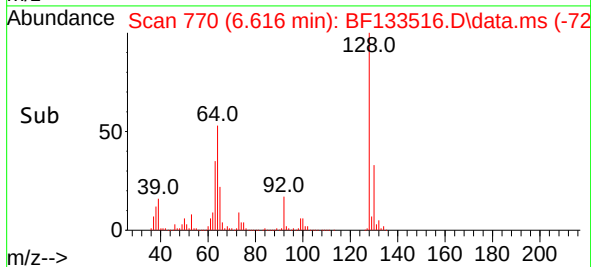
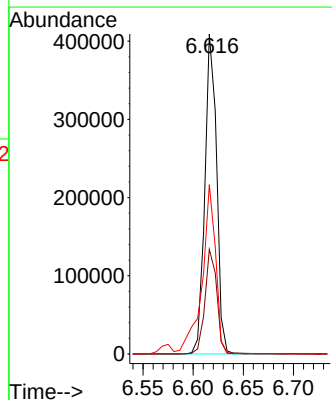
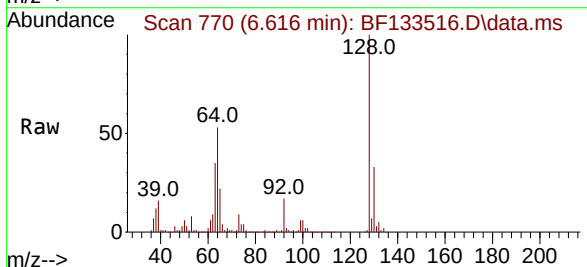
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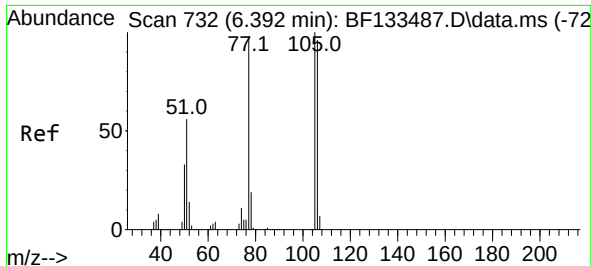
Tgt Ion: 99 Resp: 836602
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 35.6 29.8 44.8



#8
2-Chlorophenol
Concen: 38.931 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 335721
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 52.9 33.3 73.3

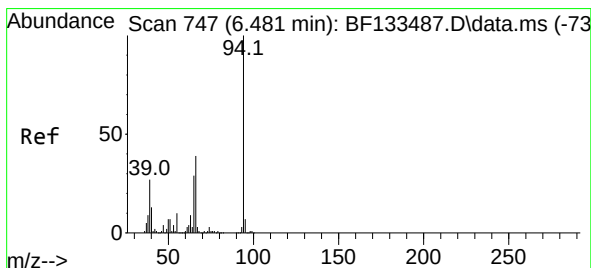
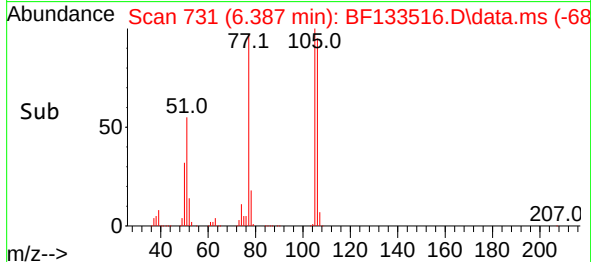
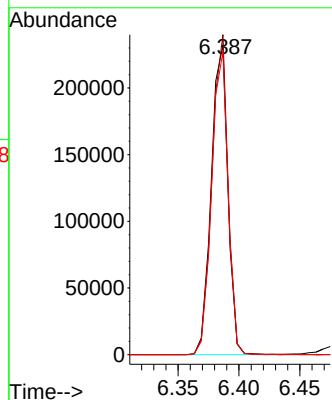
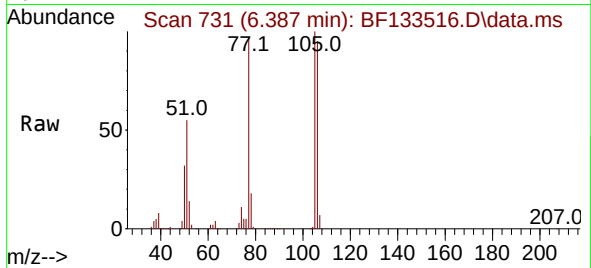




#9
Benzaldehyde
Concen: 41.358 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

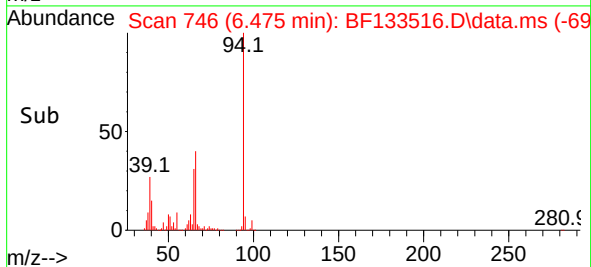
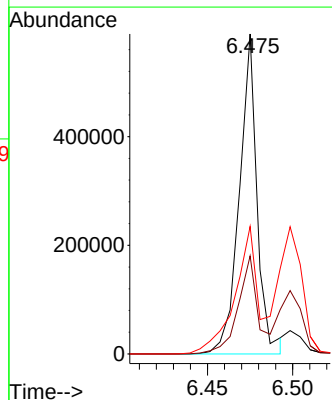
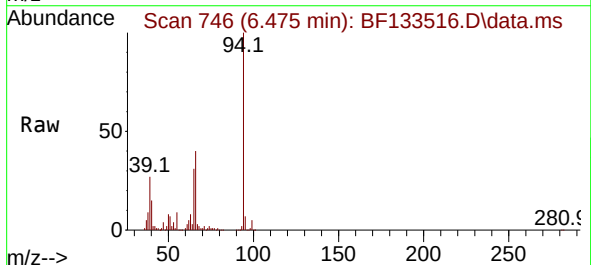
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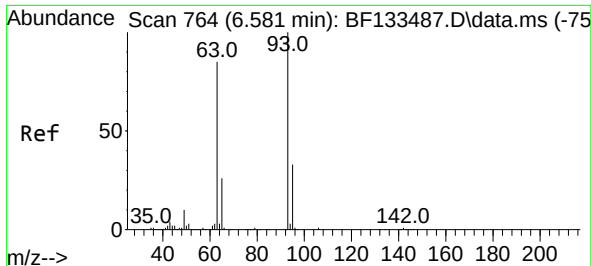
Tgt Ion: 77 Resp: 220019
Ion Ratio Lower Upper
77 100
105 103.4 81.9 121.9
106 97.9 77.8 117.8



#10
Phenol
Concen: 39.604 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 428020
Ion Ratio Lower Upper
94 100
65 30.6 9.1 49.1
66 39.8 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 39.406 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

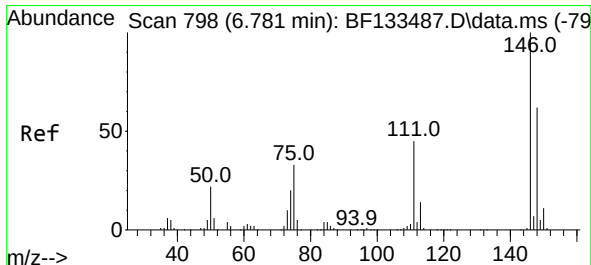
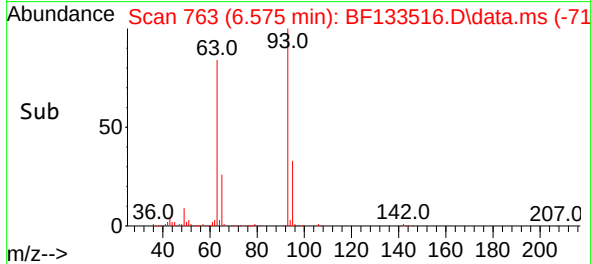
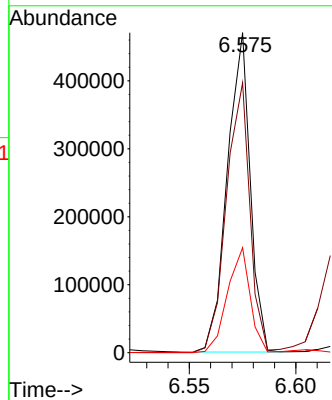
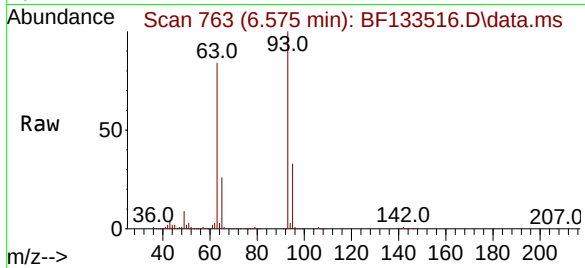
Tgt Ion: 93 Resp: 352118

Ion Ratio Lower Upper

93 100

63 84.4 64.5 104.5

95 32.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.210 ng

RT: 6.775 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

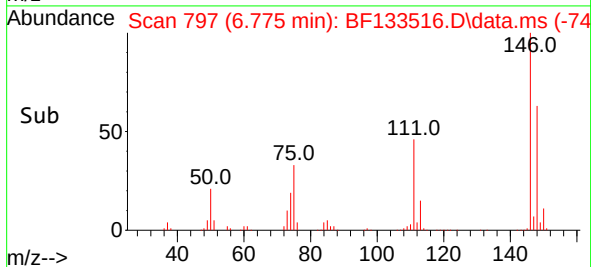
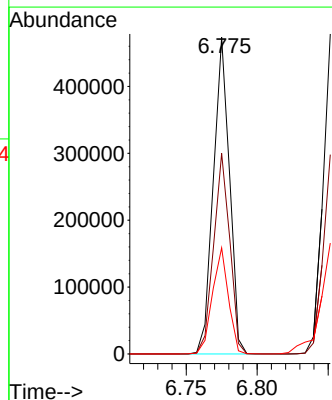
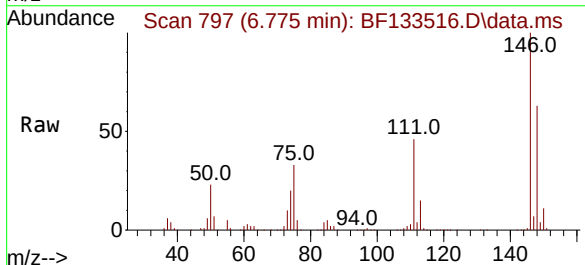
Tgt Ion:146 Resp: 375382

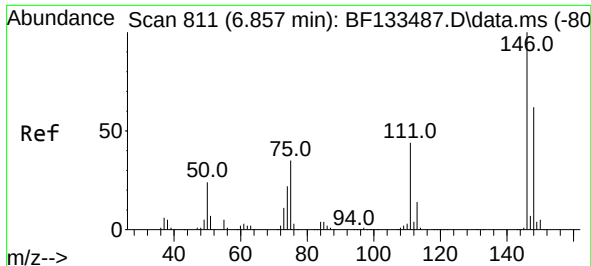
Ion Ratio Lower Upper

146 100

148 63.4 49.9 74.9

75 33.5 26.7 40.1

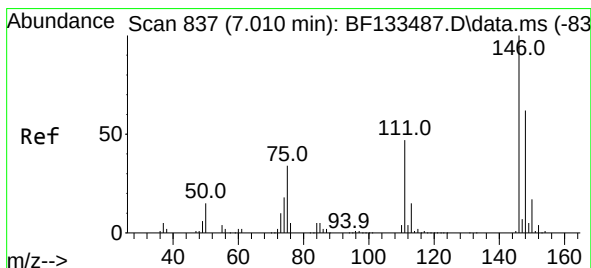
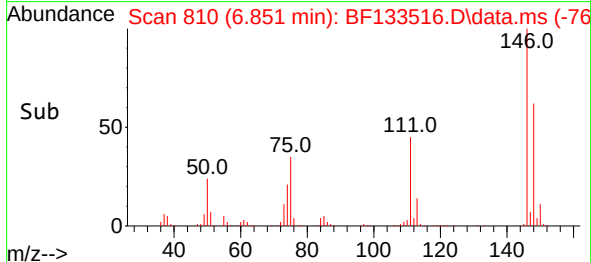
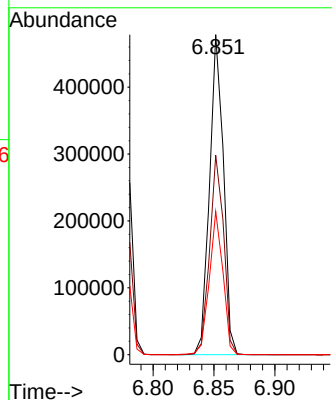
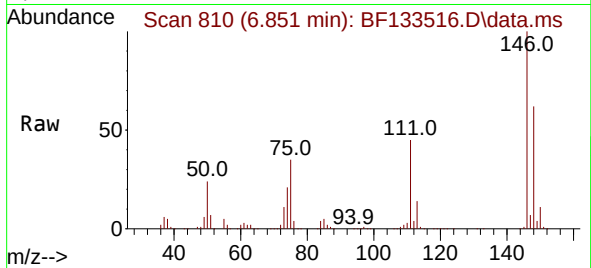




#13
1,4-Dichlorobenzene
Concen: 39.395 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

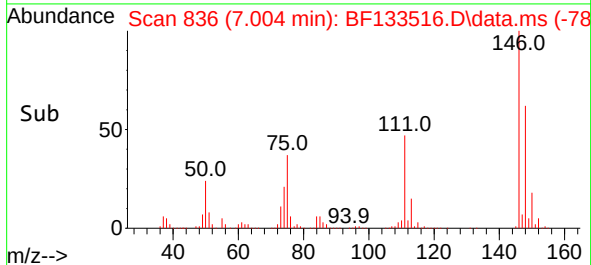
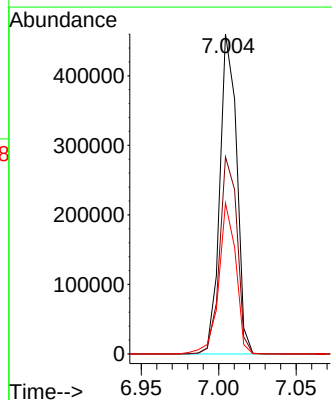
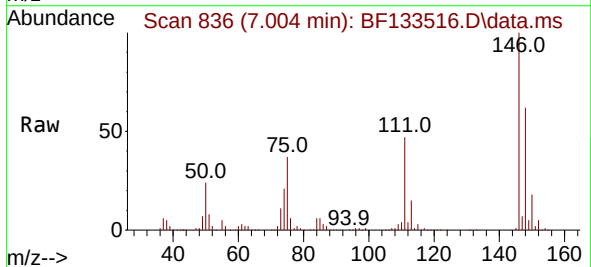
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

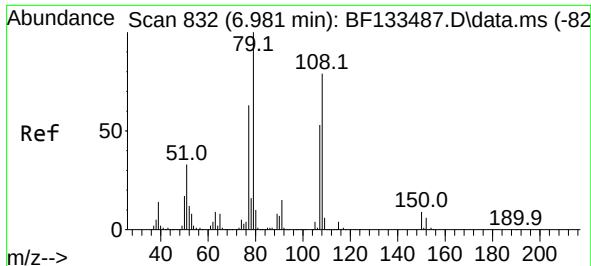
Tgt Ion:146 Resp: 378118
Ion Ratio Lower Upper
146 100
148 62.3 49.8 74.6
111 44.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 39.350 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:146 Resp: 348531
Ion Ratio Lower Upper
146 100
148 61.6 49.8 74.6
111 47.2 37.4 56.2

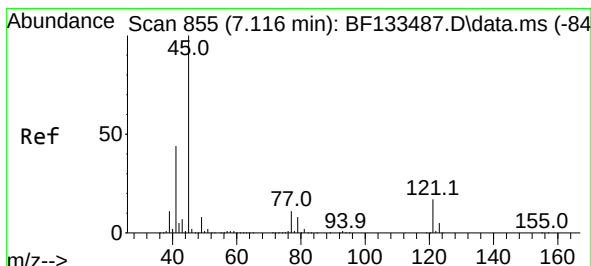
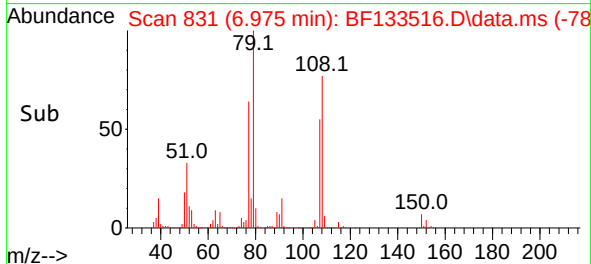
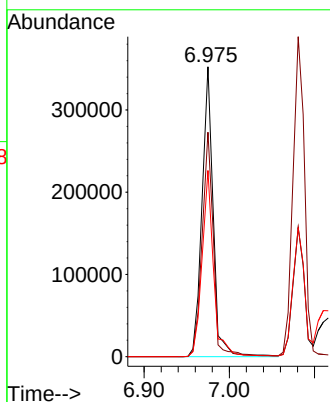
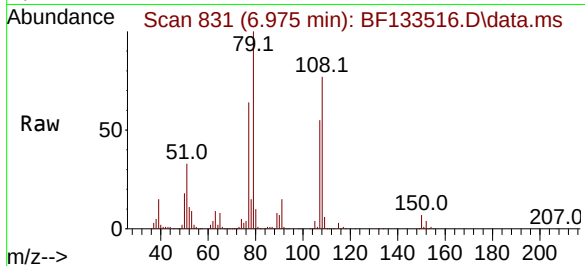




#15
Benzyl Alcohol
Concen: 39.358 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

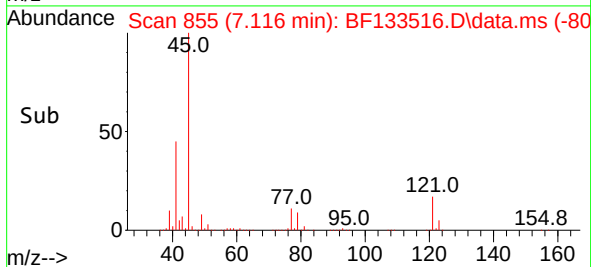
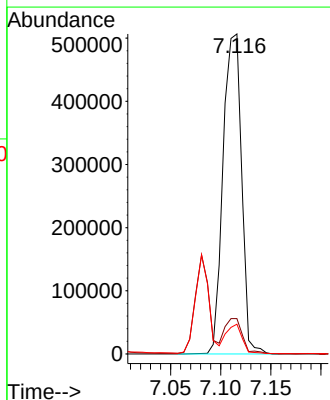
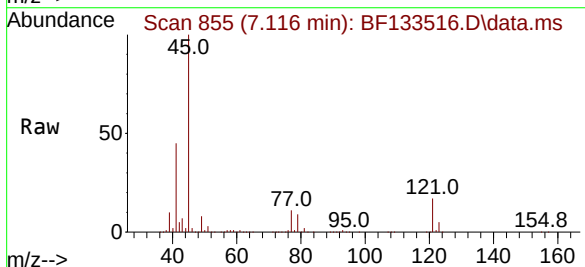
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

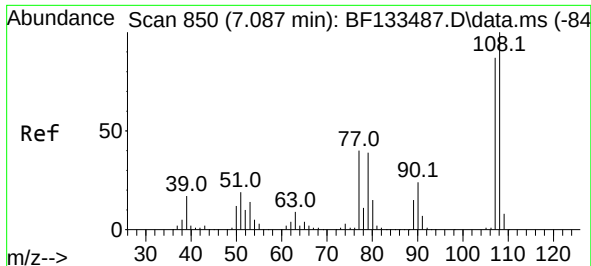
Tgt Ion: 79 Resp: 321914
Ion Ratio Lower Upper
79 100
108 77.4 63.2 94.8
77 64.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.346 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion: 45 Resp: 649869
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.8
79 9.3 0.0 28.2

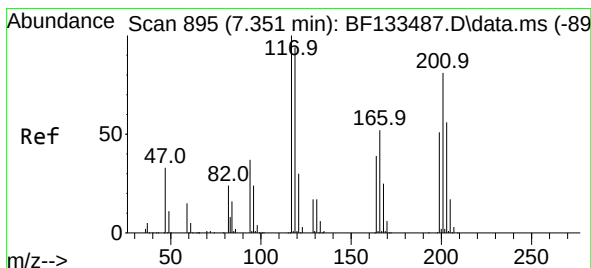
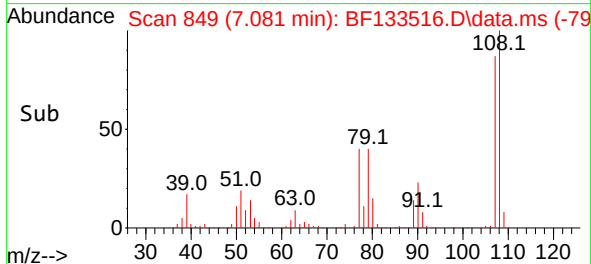
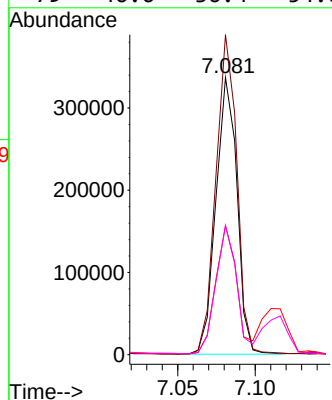
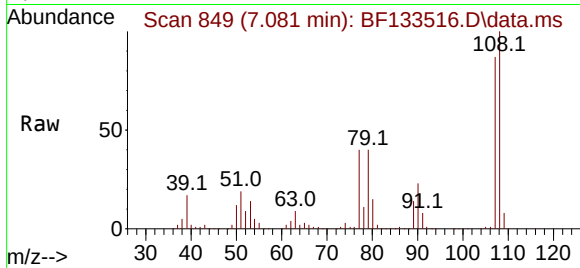




#17
2-Methylphenol
Concen: 38.973 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

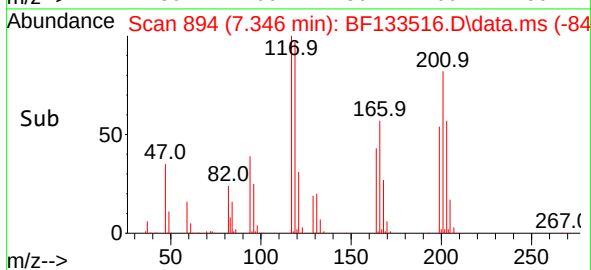
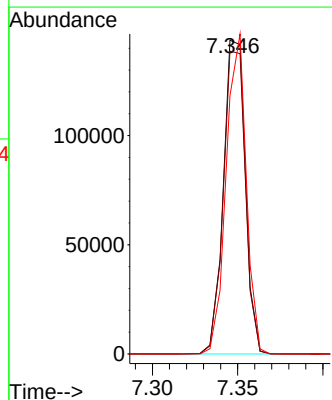
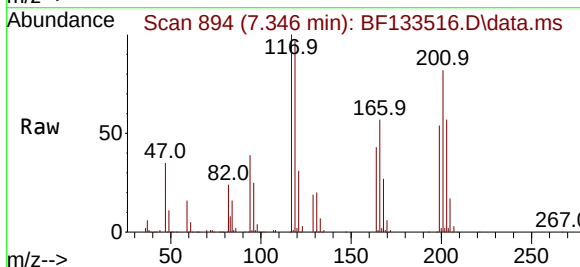
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

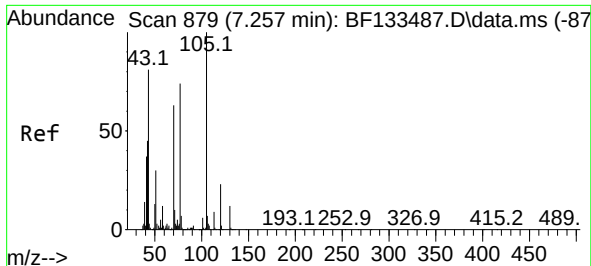
Tgt Ion:	107	Resp:	318269
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.2	138.4
77	46.6	37.1	55.7
79	46.6	36.4	54.6



#18
Hexachloroethane
Concen: 38.761 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:	117	Resp:	128644
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.9	112.3
201	82.3	64.8	97.2

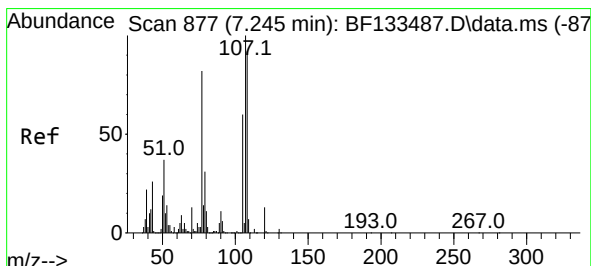
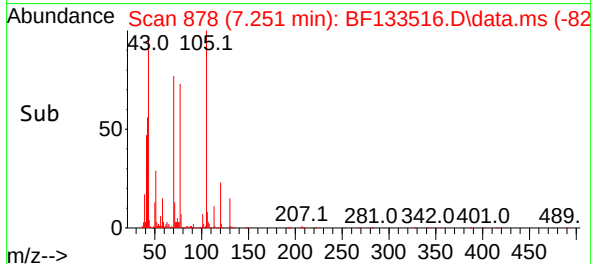
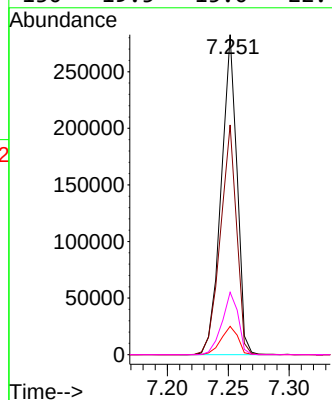
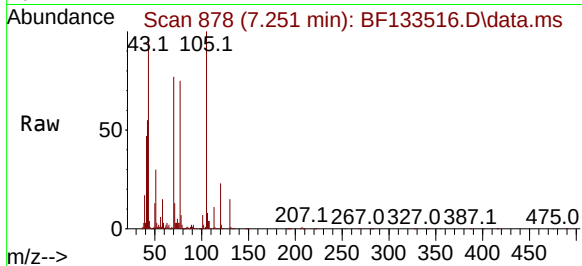




#19
n-Nitroso-di-n-propylamine
Concen: 36.708 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

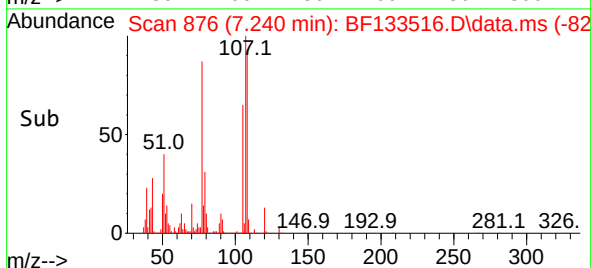
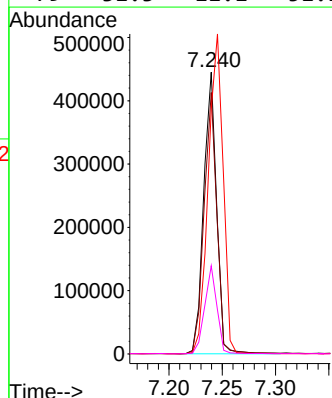
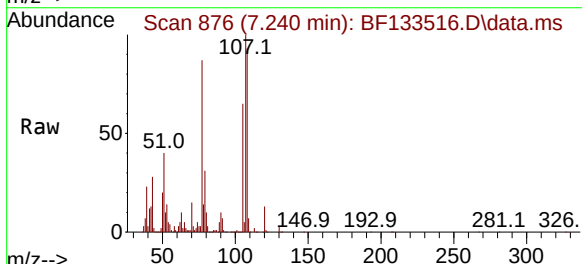
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

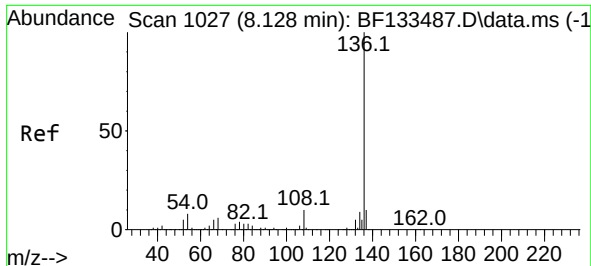
Tgt Ion: 70 Resp: 255874
Ion Ratio Lower Upper
70 100
42 71.8 57.2 85.8
101 8.8 7.3 10.9
130 19.5 15.0 22.4



#20
3+4-Methylphenols
Concen: 40.656 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion: 107 Resp: 375356
Ion Ratio Lower Upper
107 100
108 92.7 72.0 112.0
77 86.8 61.9 101.9
79 31.3 11.1 51.1

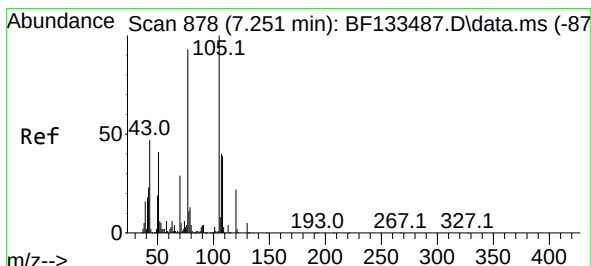
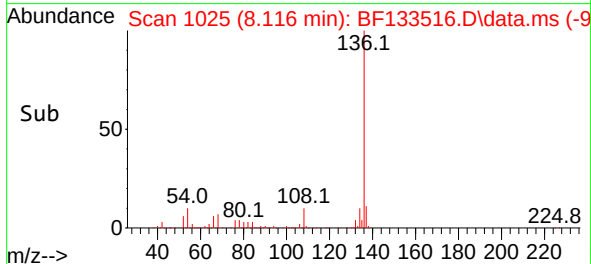
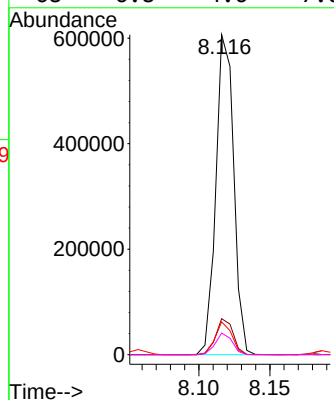
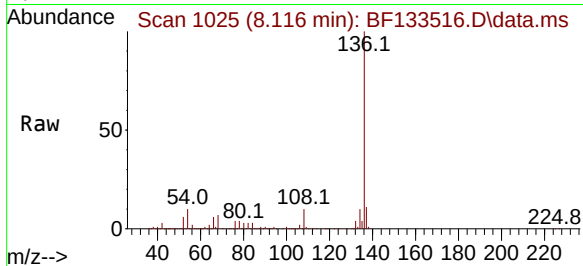




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

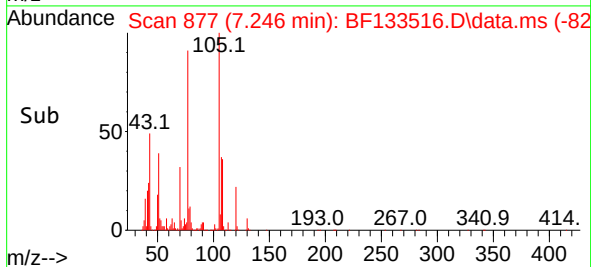
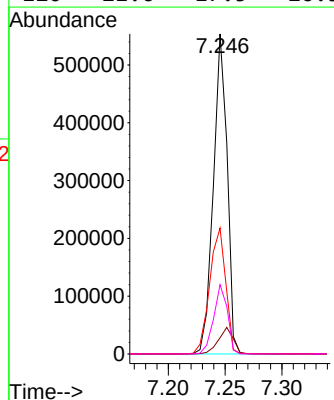
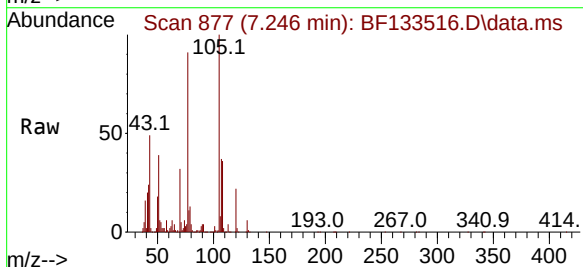
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

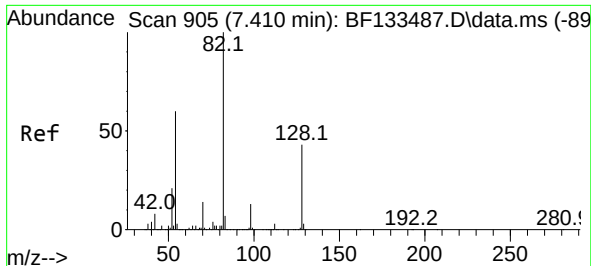
Tgt Ion:136 Resp: 530347
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 10.2 6.6 10.0#
68 6.8 4.6 7.0



#22
Acetophenone
Concen: 38.159 ng
RT: 7.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:105 Resp: 466046
Ion Ratio Lower Upper
105 100
71 5.1 3.8 5.8
51 39.3 32.6 49.0
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 86.758 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

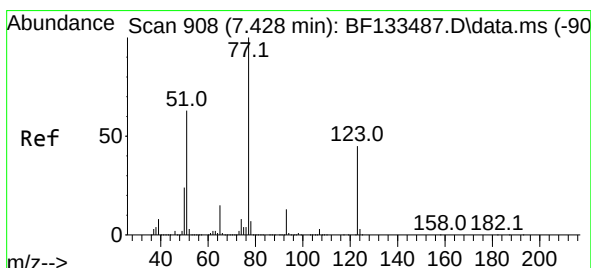
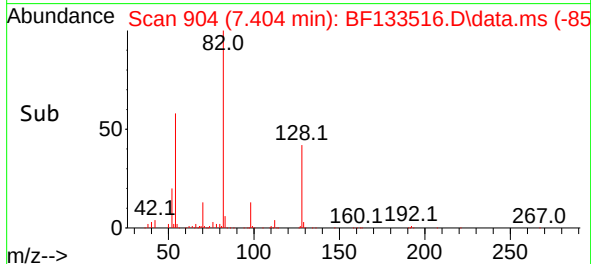
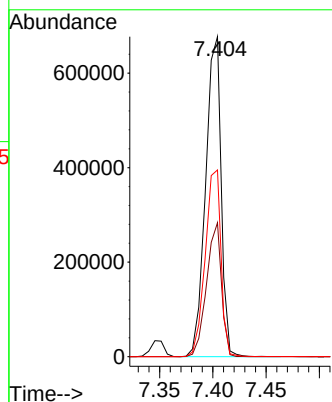
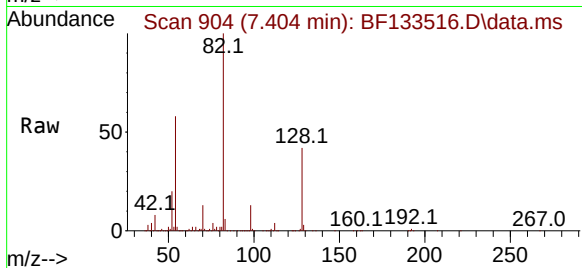
Tgt Ion: 82 Resp: 689125

Ion Ratio Lower Upper

82 100

128 41.9 34.2 51.4

54 58.3 48.2 72.4



#24

Nitrobenzene

Concen: 42.793 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

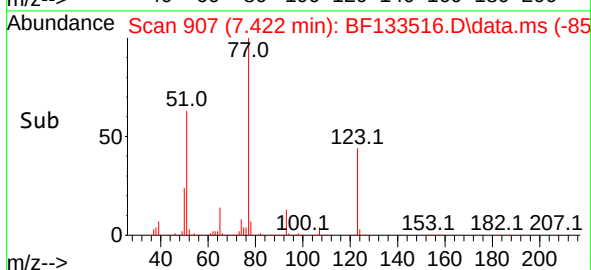
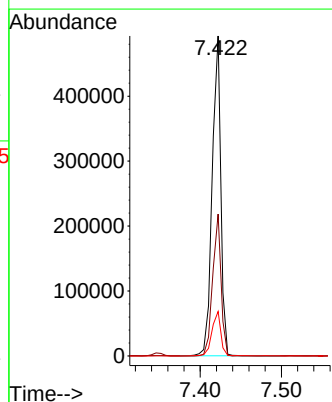
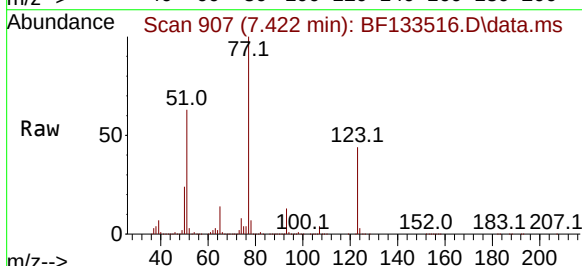
Tgt Ion: 77 Resp: 362179

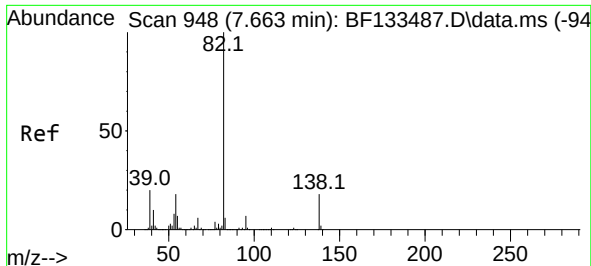
Ion Ratio Lower Upper

77 100

123 44.3 35.8 53.8

65 13.9 11.8 17.8

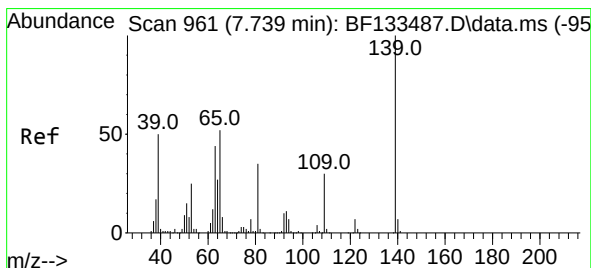
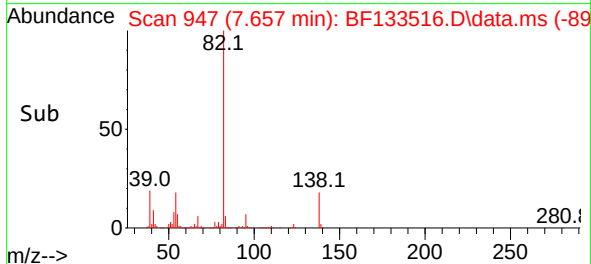
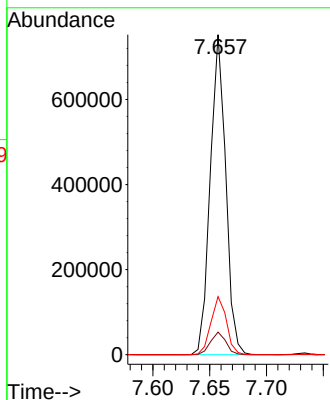
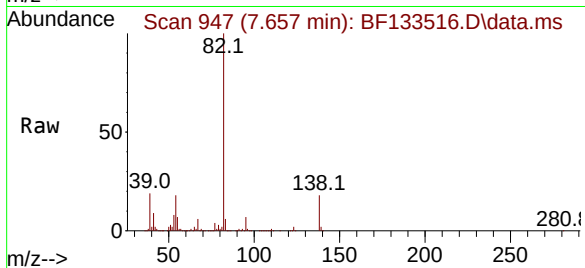




#25
Isophorone
Concen: 38.479 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

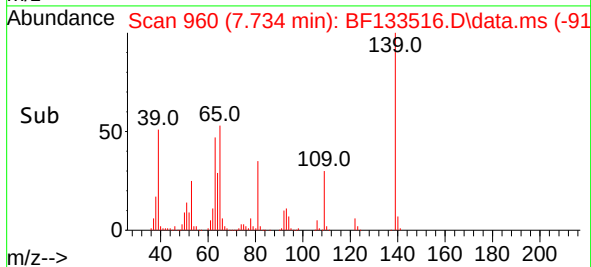
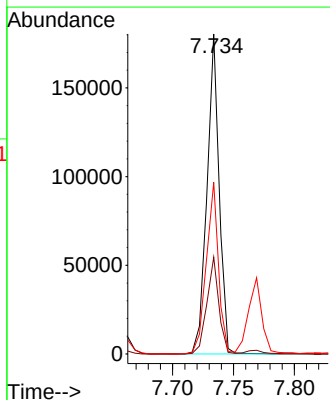
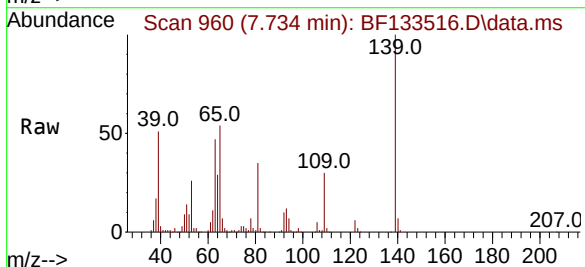
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

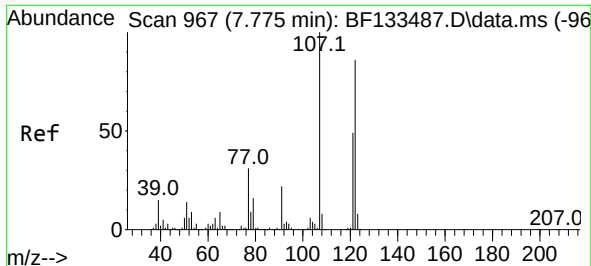
Tgt Ion: 82 Resp: 712330
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.2 21.4



#26
2-Nitrophenol
Concen: 33.844 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:139 Resp: 125236
Ion Ratio Lower Upper
139 100
109 30.3 24.0 36.0
65 53.6 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 39.379 ng

RT: 7.769 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133516.D

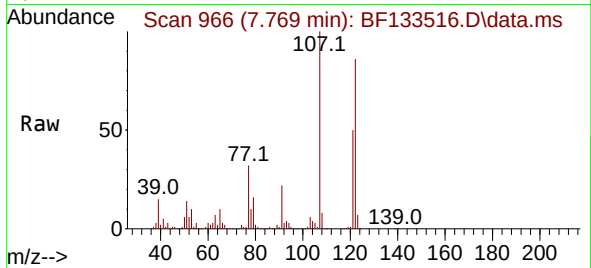
Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



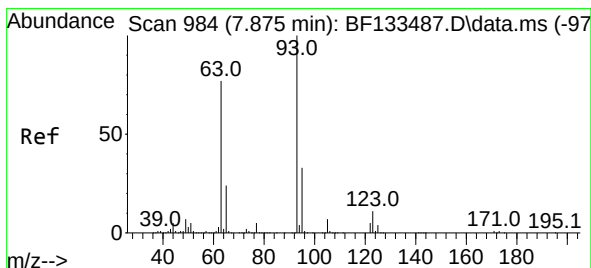
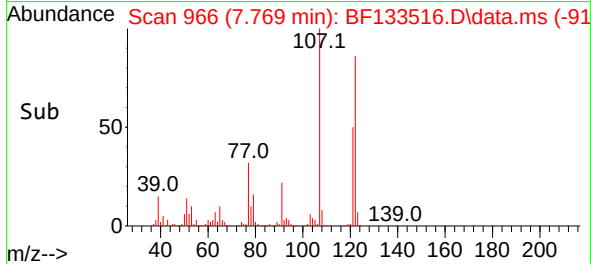
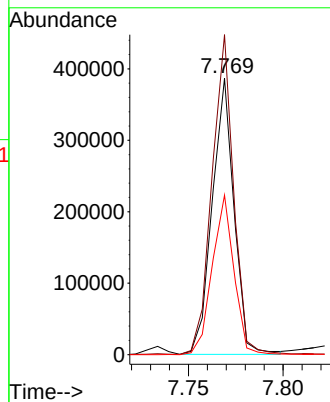
Tgt Ion:122 Resp: 310167

Ion Ratio Lower Upper

122 100

107 115.7 93.4 140.0

121 57.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.320 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

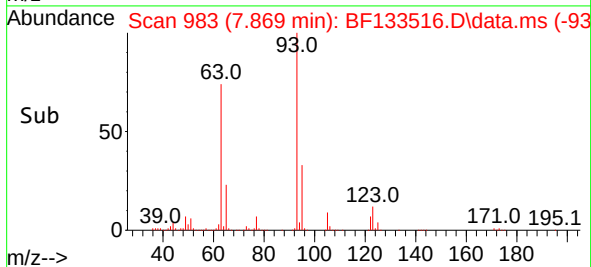
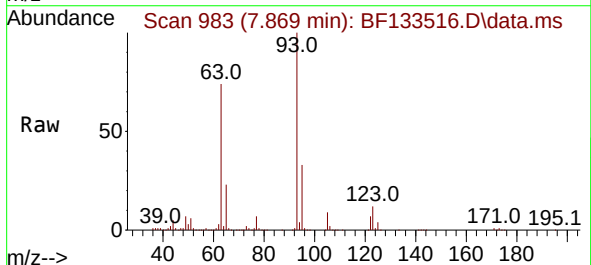
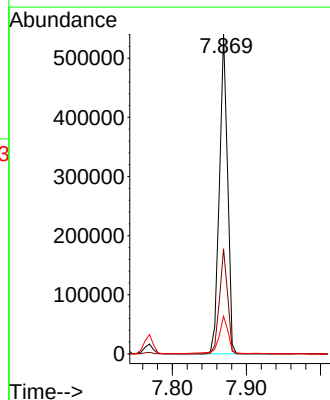
Tgt Ion: 93 Resp: 411346

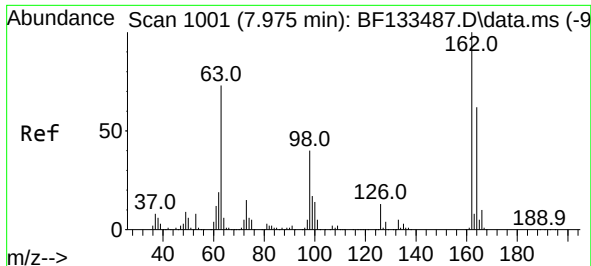
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.232 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

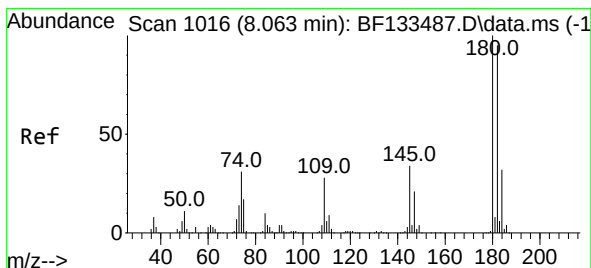
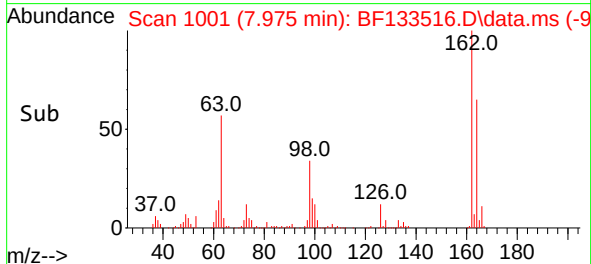
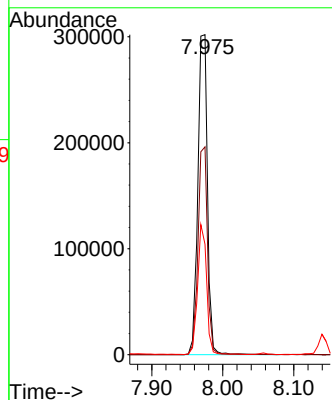
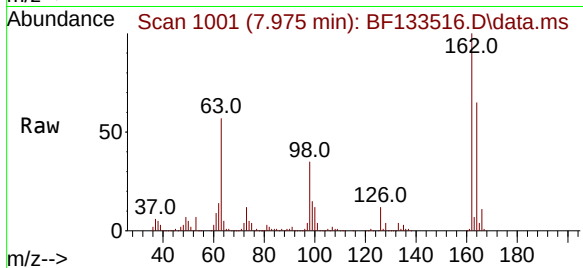
Tgt Ion:162 Resp: 285102

Ion Ratio Lower Upper

162 100

164 65.0 42.2 82.2

98 34.5 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 39.414 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

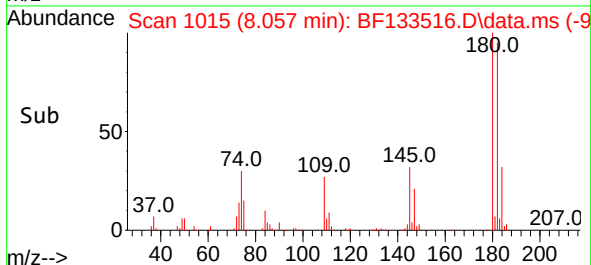
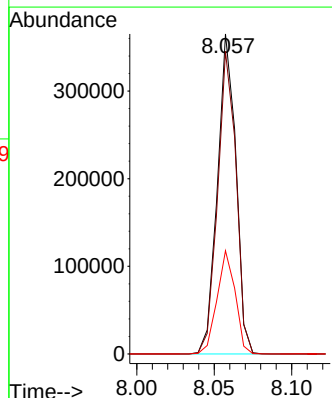
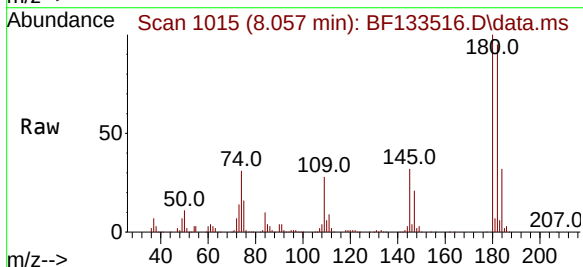
Tgt Ion:180 Resp: 302104

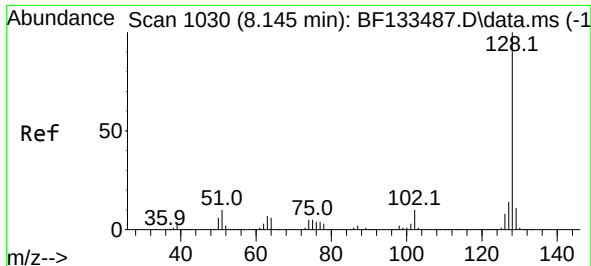
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 32.2 27.0 40.4

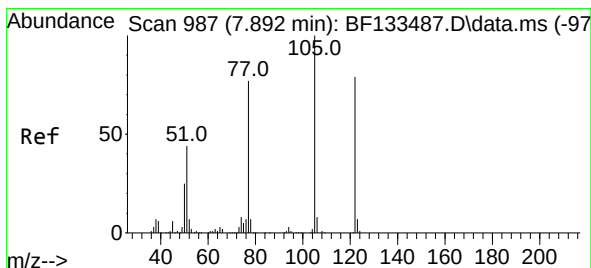
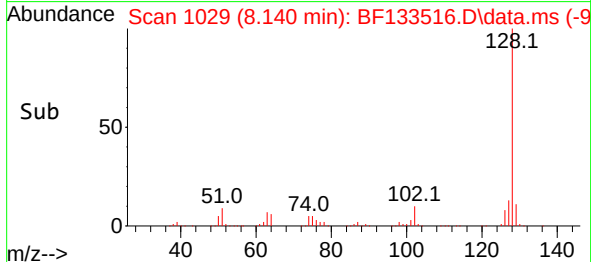
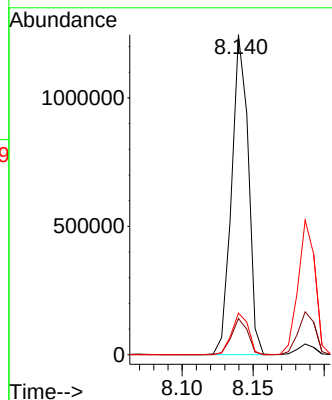
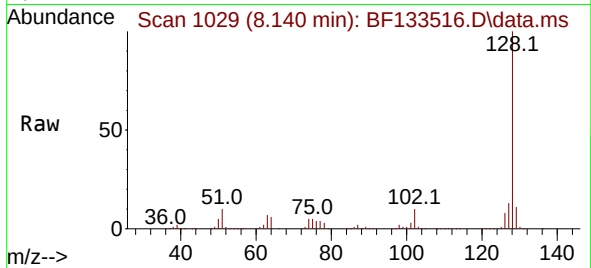




#31
Naphthalene
Concen: 39.455 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

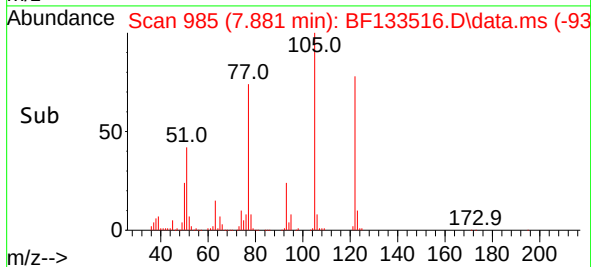
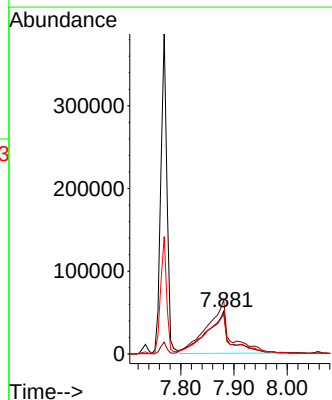
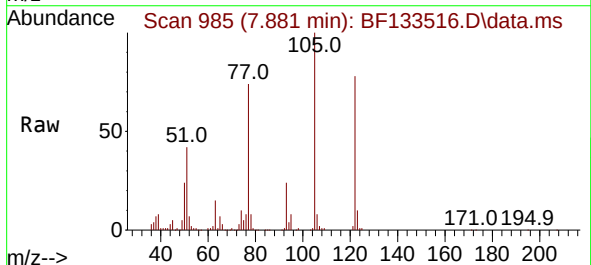
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

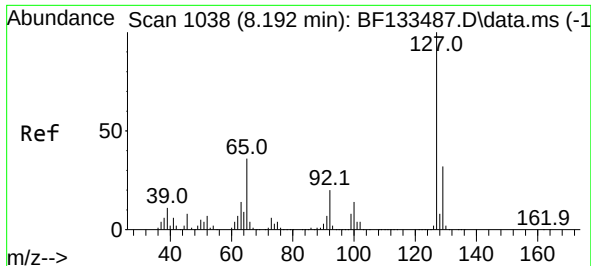
Tgt Ion:128 Resp: 1014474
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 32.292 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.011 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:122 Resp: 152809
Ion Ratio Lower Upper
122 100
105 127.6 103.3 143.3
77 94.1 75.7 115.7

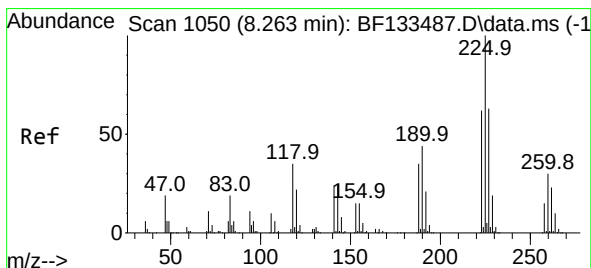
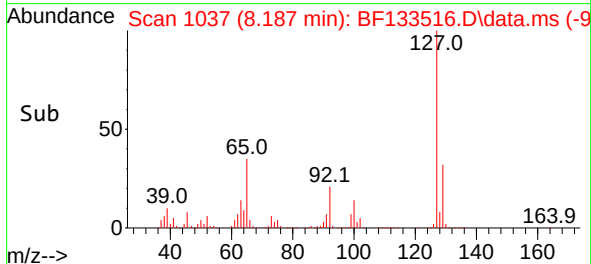
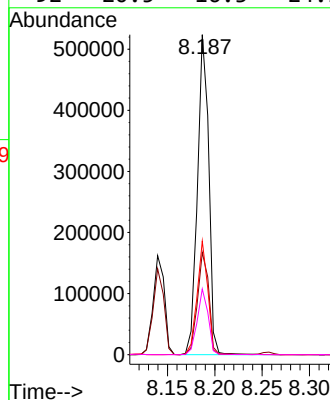
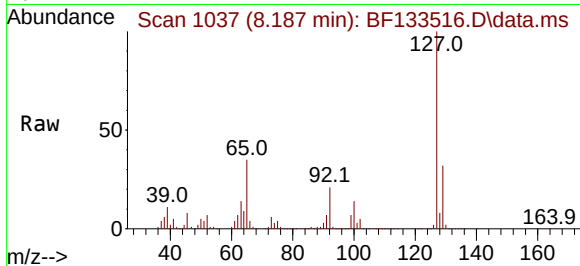




#33
4-Chloroaniline
Concen: 39.688 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

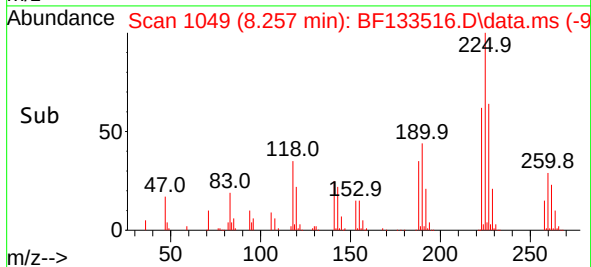
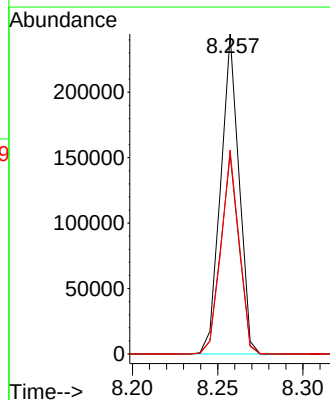
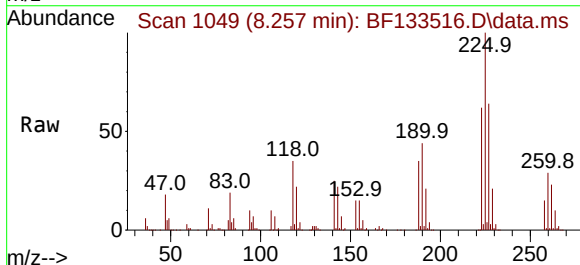
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

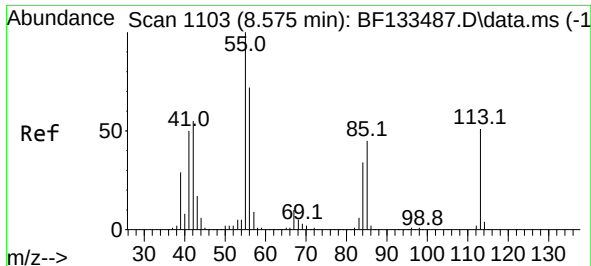
Tgt Ion:	127	Resp:	437360
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	35.5	29.0	43.6
92	20.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.282 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:	225	Resp:	183153
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	63.7	50.2	75.4

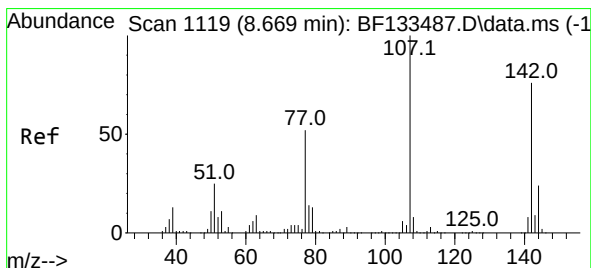
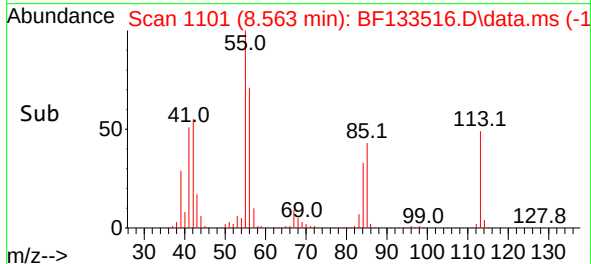
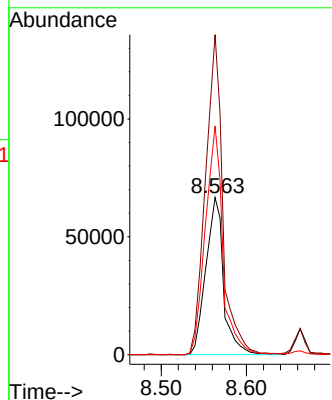
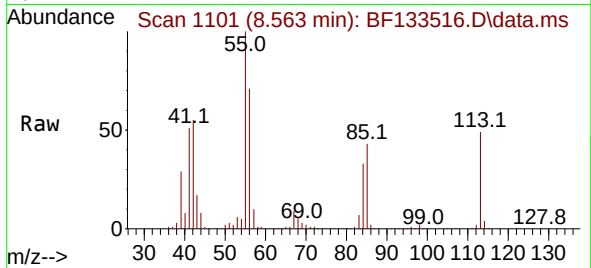




#35
 Caprolactam
 Concen: 41.317 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

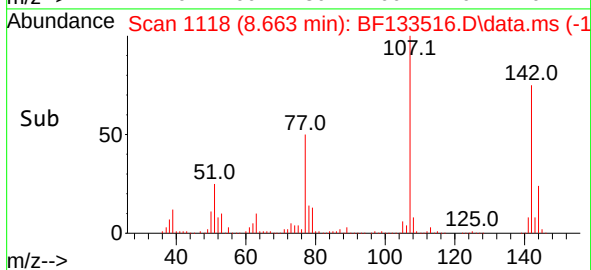
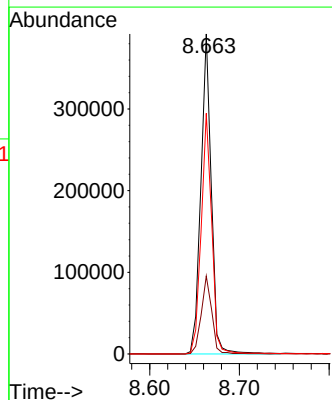
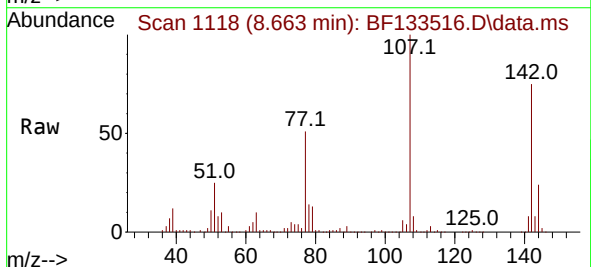
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

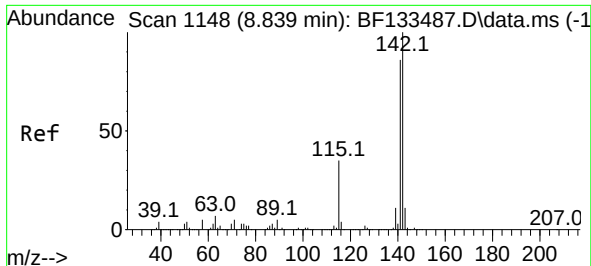
Tgt Ion:113 Resp: 96023
 Ion Ratio Lower Upper
 113 100
 55 203.7 177.5 217.5
 56 145.5 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.947 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Tgt Ion:107 Resp: 317104
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.4 29.0
 142 75.2 60.5 90.7

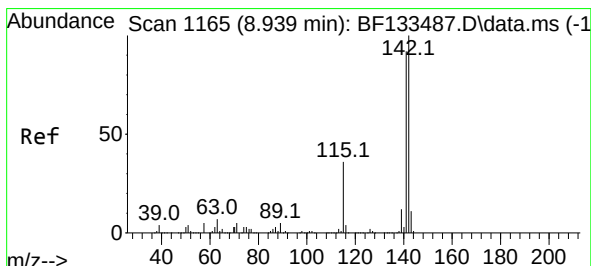
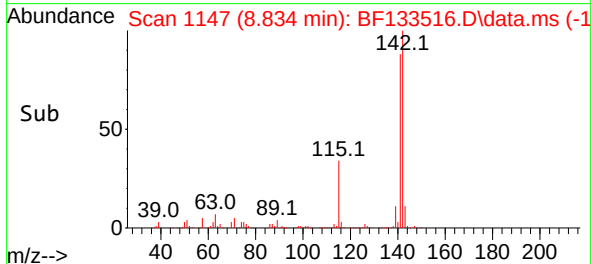
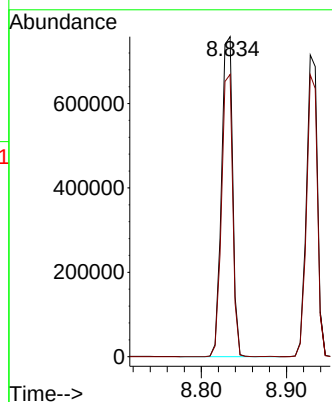
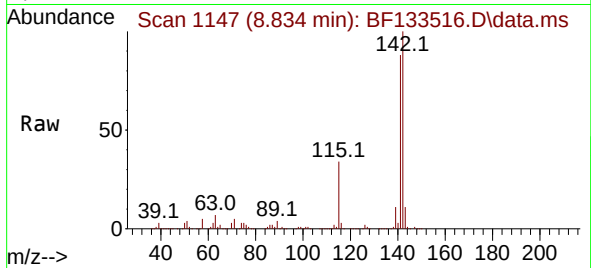




#37
2-Methylnaphthalene
Concen: 39.441 ng
RT: 8.834 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

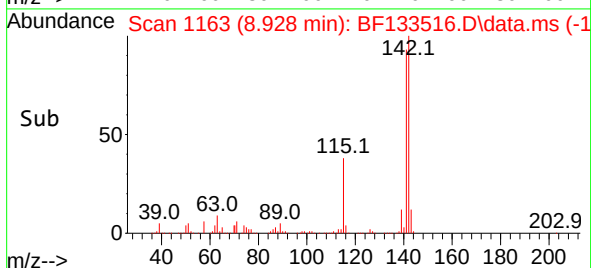
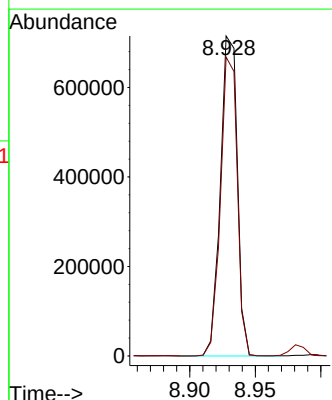
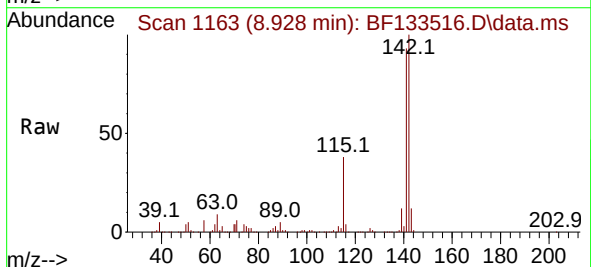
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

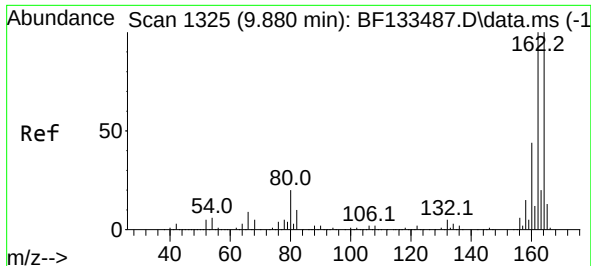
Tgt Ion:142 Resp: 692400
Ion Ratio Lower Upper
142 100
141 88.2 69.2 103.8



#38
1-Methylnaphthalene
Concen: 39.223 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.011 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:142 Resp: 641865
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

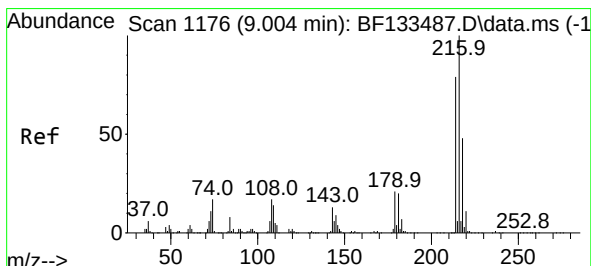
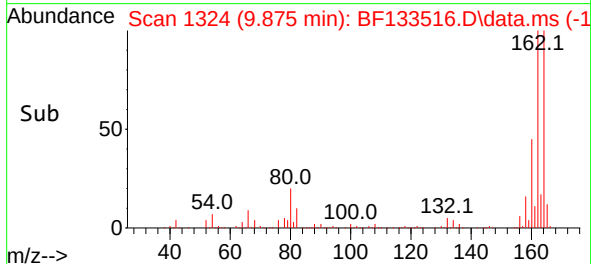
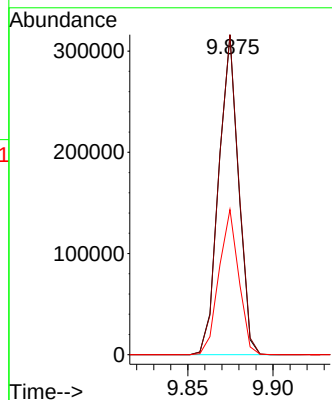
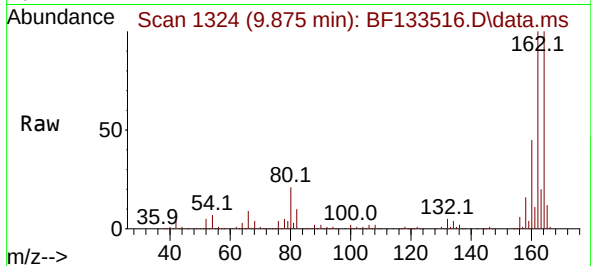
Tgt Ion:164 Resp: 255012

Ion Ratio Lower Upper

164 100

162 100.1 79.7 119.5

160 45.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.204 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Tgt Ion:216 Resp: 296314

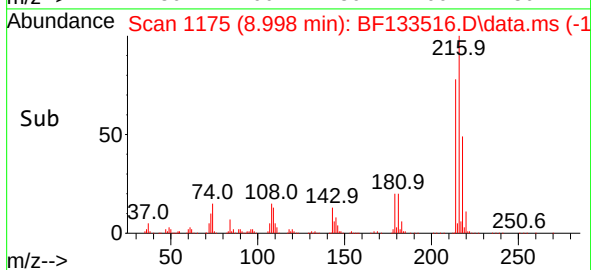
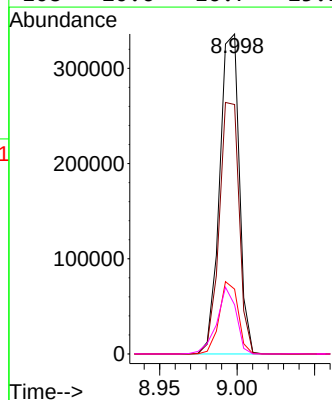
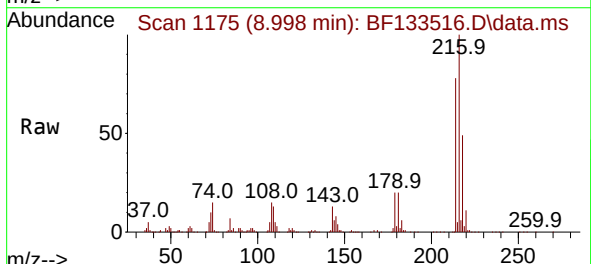
Ion Ratio Lower Upper

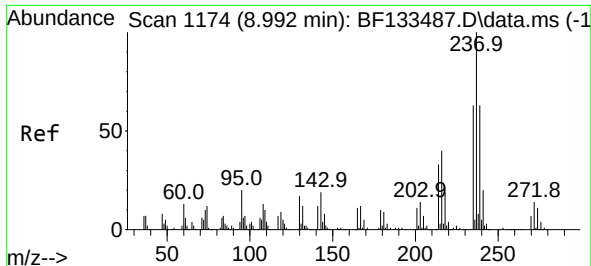
216 100

214 79.4 63.2 94.8

179 21.7 17.3 25.9

108 20.6 16.7 25.1

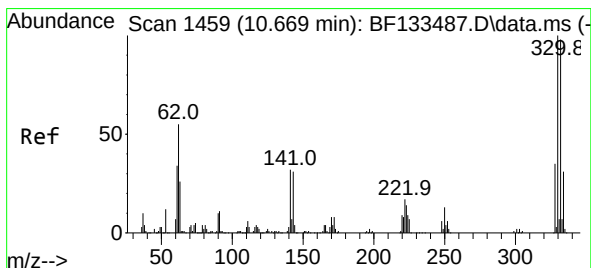
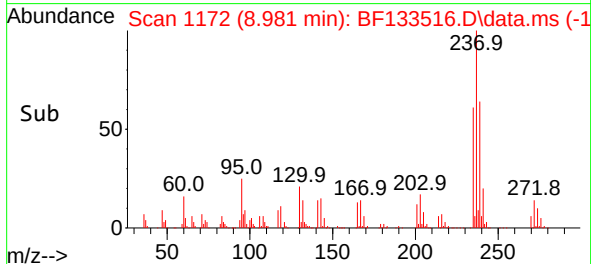
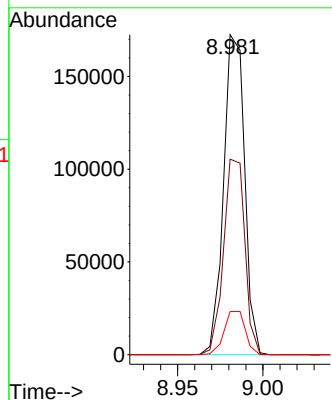
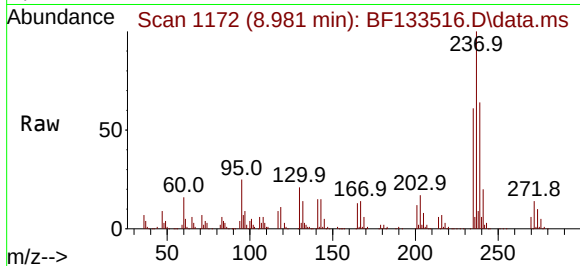




#41
Hexachlorocyclopentadiene
Concen: 38.342 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

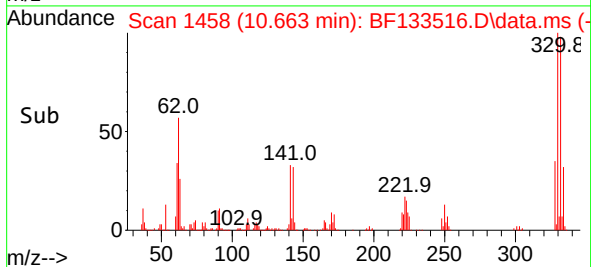
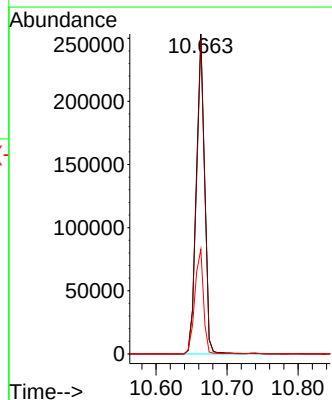
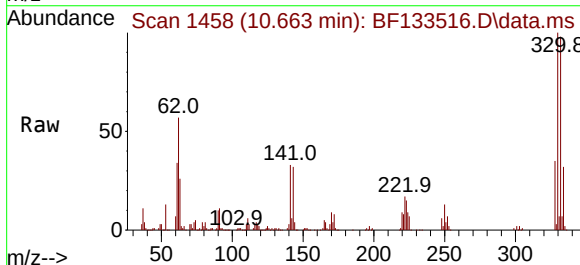
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

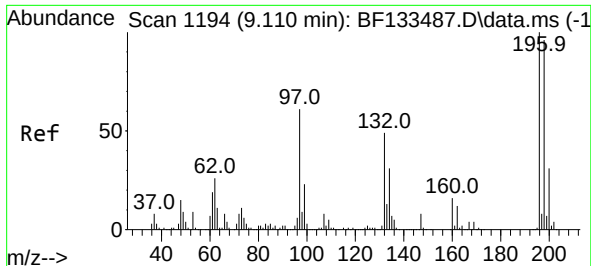
Tgt Ion:237 Resp: 148510
Ion Ratio Lower Upper
237 100
235 61.1 43.0 83.0
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 81.723 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:330 Resp: 207741
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 34.0 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 39.756 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

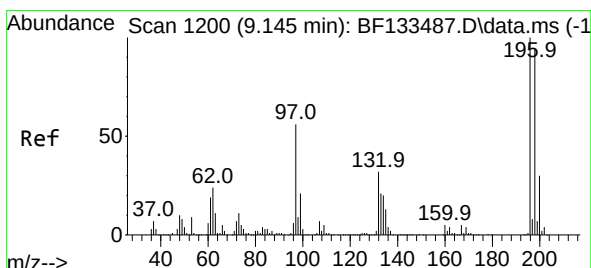
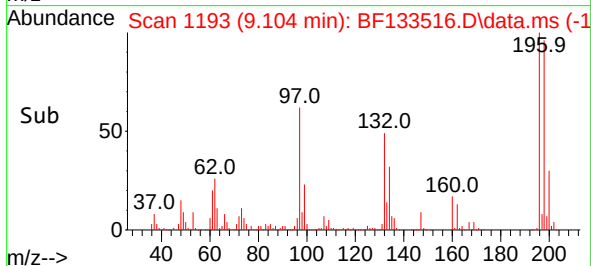
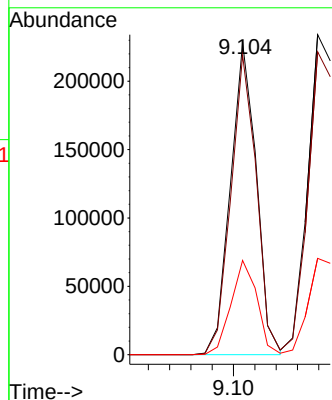
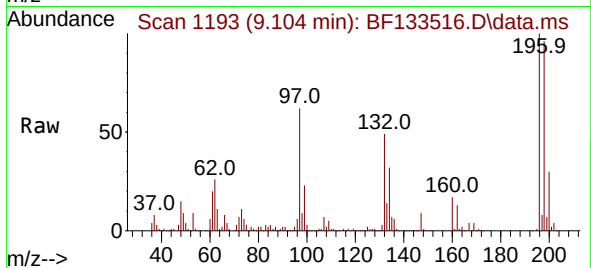
Tgt Ion:196 Resp: 192275

Ion Ratio Lower Upper

196 100

198 95.9 76.6 115.0

200 30.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 40.839 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Tgt Ion:196 Resp: 229255

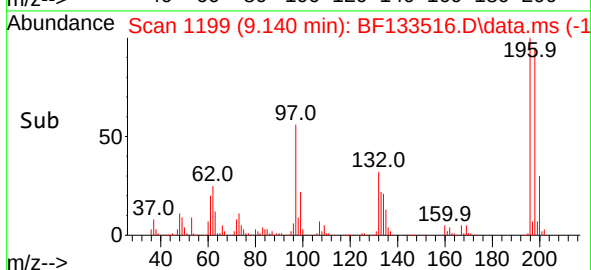
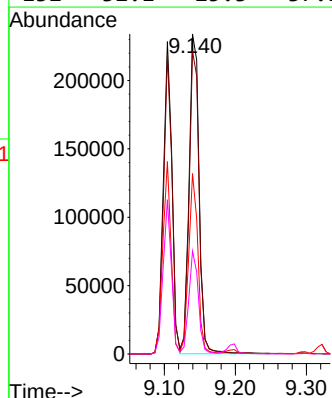
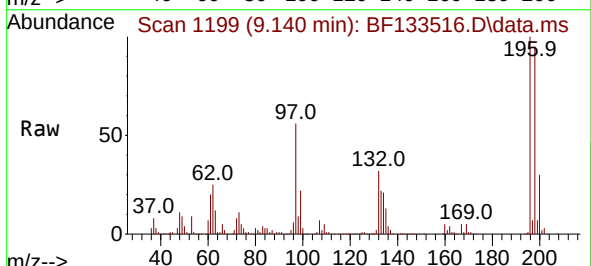
Ion Ratio Lower Upper

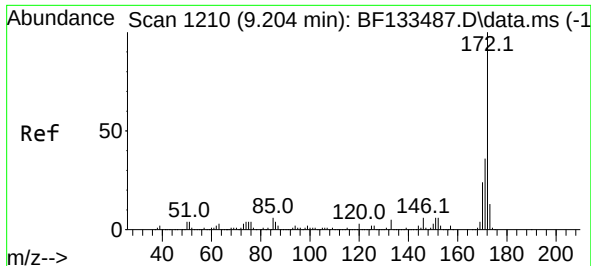
196 100

198 94.7 75.3 112.9

97 56.3 44.9 67.3

132 32.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.476 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

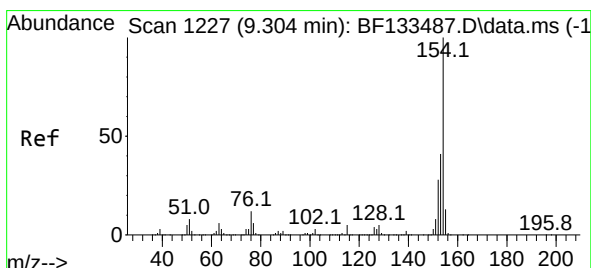
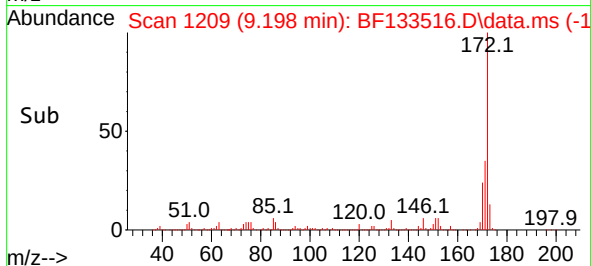
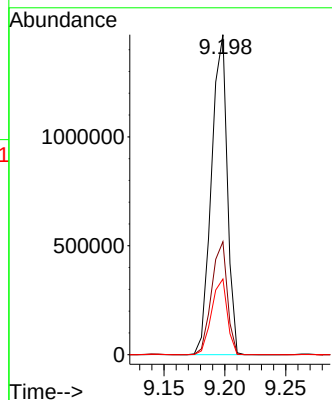
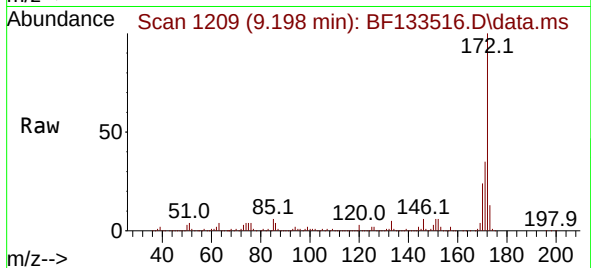
Tgt Ion:172 Resp: 1329650

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.3 28.9



#46

1,1'-Biphenyl

Concen: 39.348 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

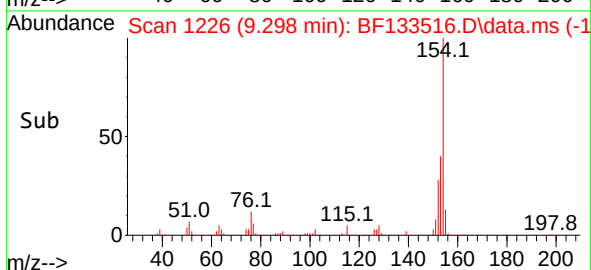
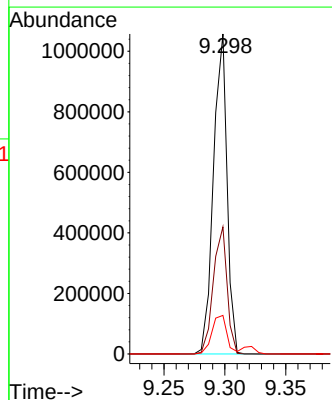
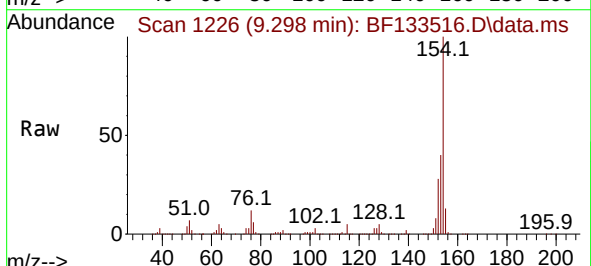
Tgt Ion:154 Resp: 815226

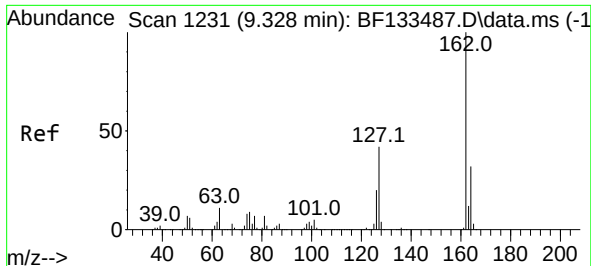
Ion Ratio Lower Upper

154 100

153 39.7 21.0 61.0

76 12.1 0.0 32.5





#47

2-Chloronaphthalene

Concen: 39.128 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

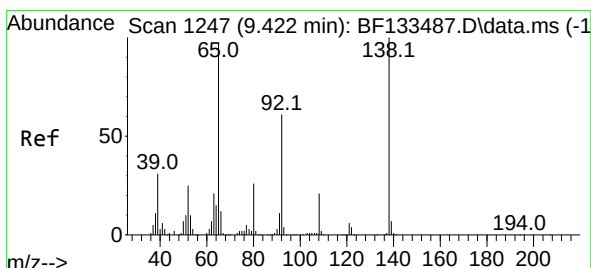
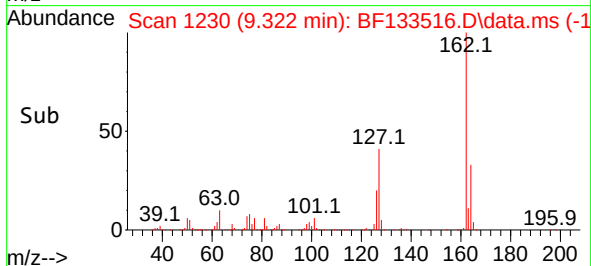
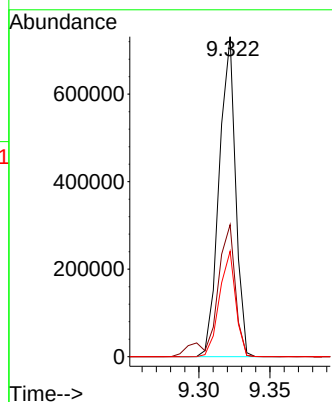
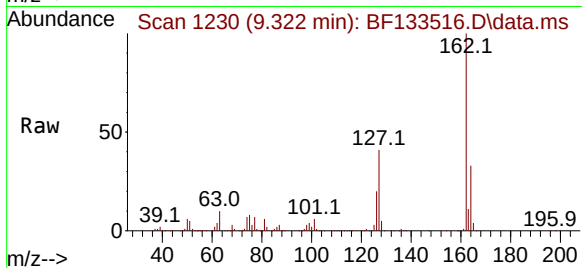
Tgt Ion:162 Resp: 587530

Ion Ratio Lower Upper

162 100

127 41.3 33.2 49.8

164 33.0 26.0 39.0



#48

2-Nitroaniline

Concen: 37.946 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

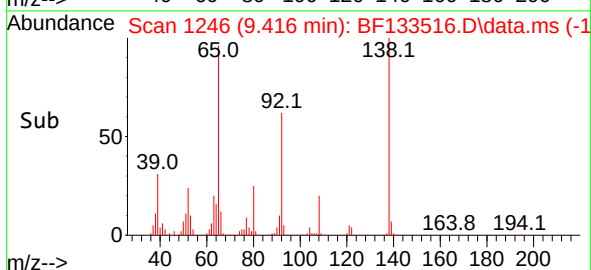
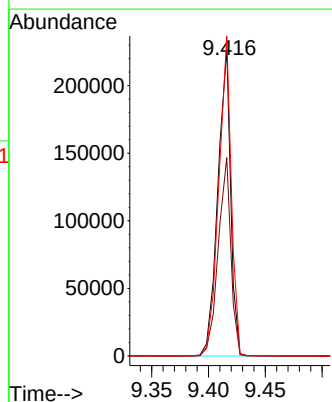
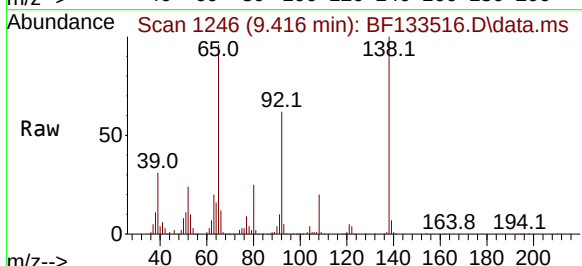
Tgt Ion: 65 Resp: 178540

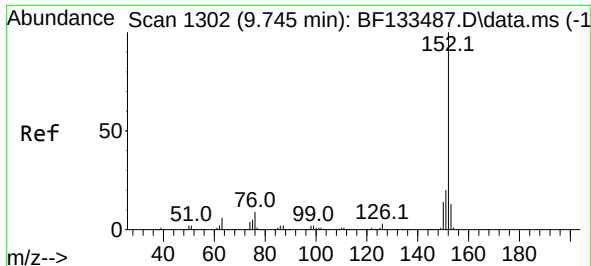
Ion Ratio Lower Upper

65 100

92 64.7 50.8 76.2

138 104.4 82.6 124.0





#49

Acenaphthylene

Concen: 39.629 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

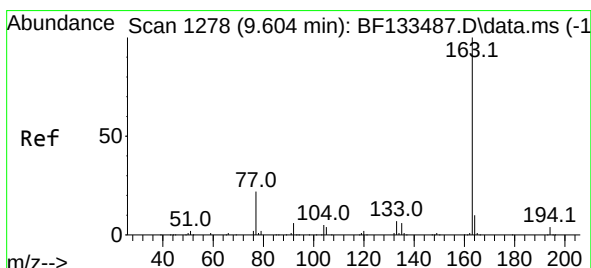
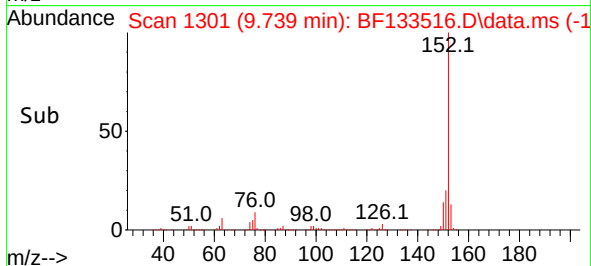
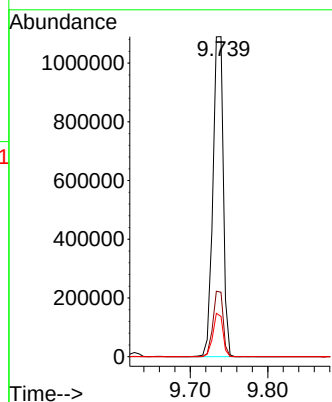
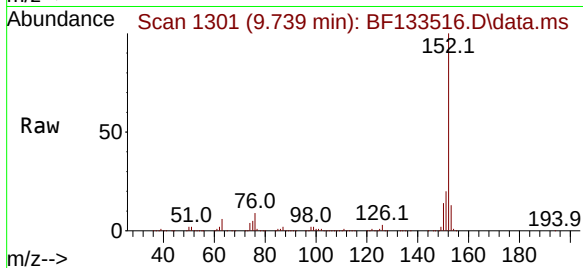
Tgt Ion:152 Resp: 1015470

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 39.255 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

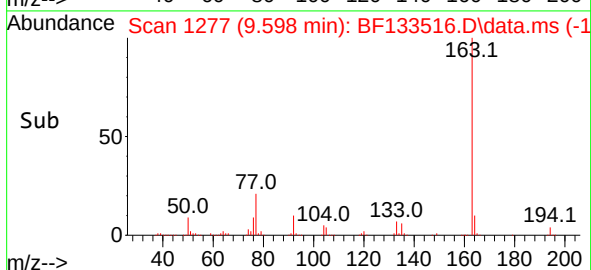
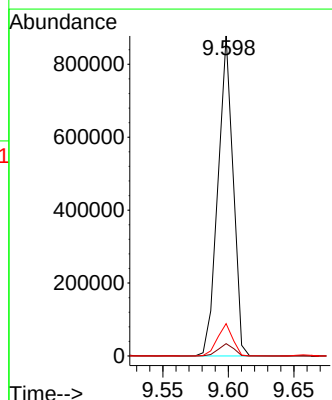
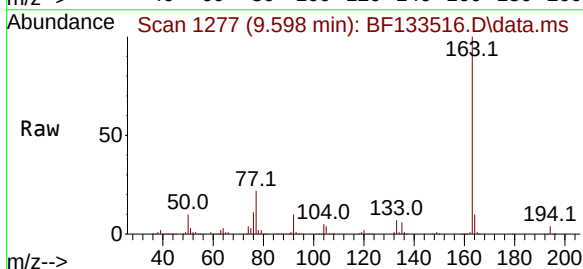
Tgt Ion:163 Resp: 703574

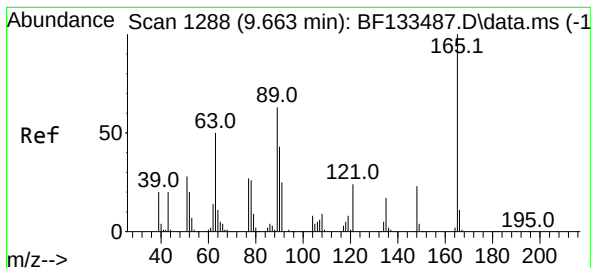
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 38.692 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

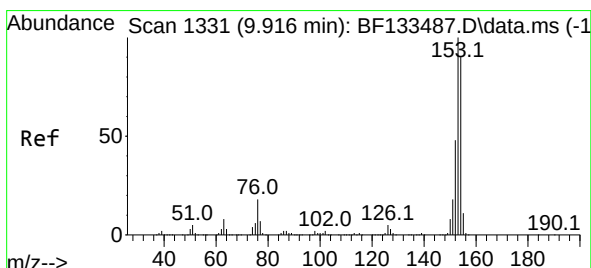
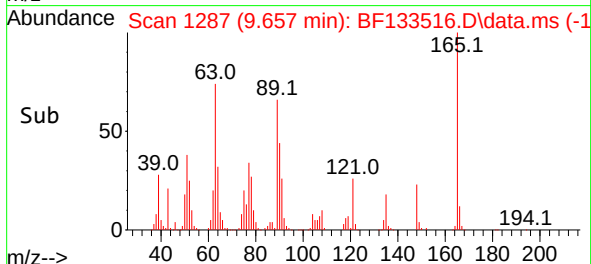
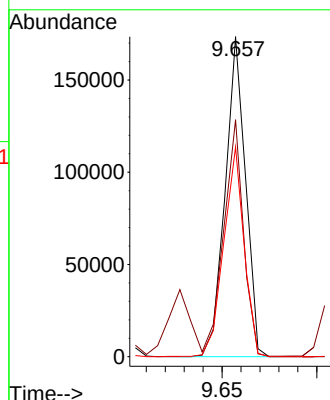
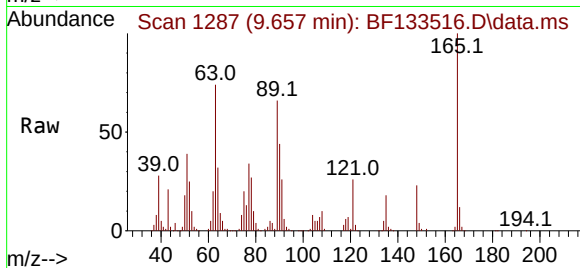
Tgt Ion:165 Resp: 129218

Ion Ratio Lower Upper

165 100

63 74.0 57.0 85.4

89 65.6 50.8 76.2



#52

Acenaphthene

Concen: 39.563 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

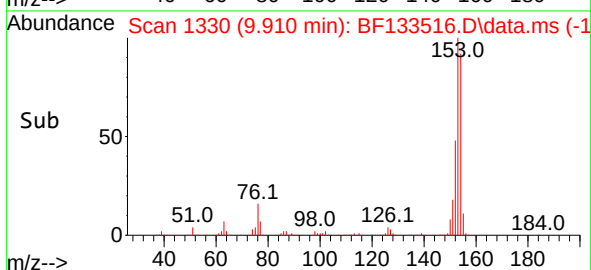
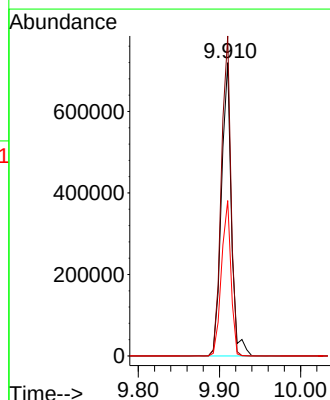
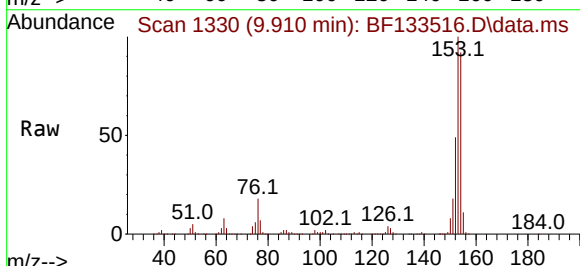
Tgt Ion:154 Resp: 614098

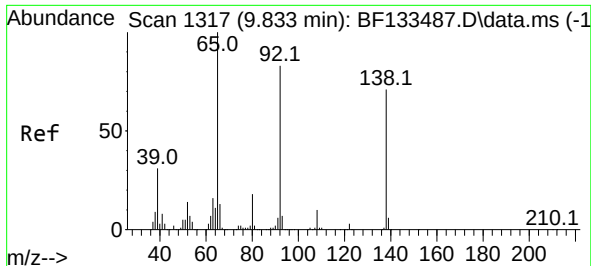
Ion Ratio Lower Upper

154 100

153 109.1 89.2 133.8

152 53.0 43.1 64.7

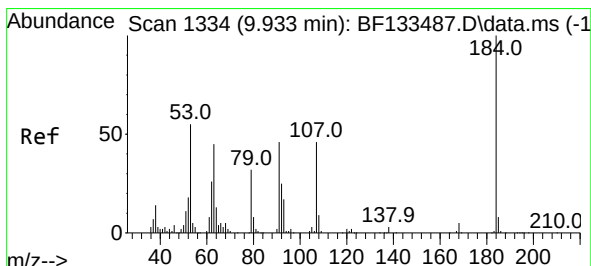
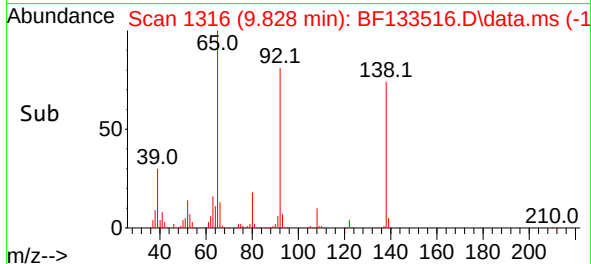
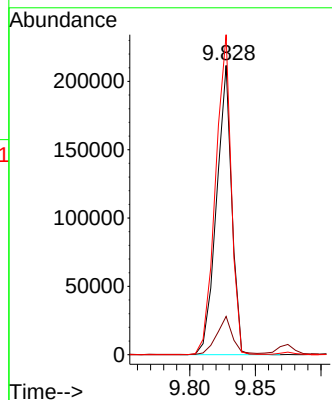
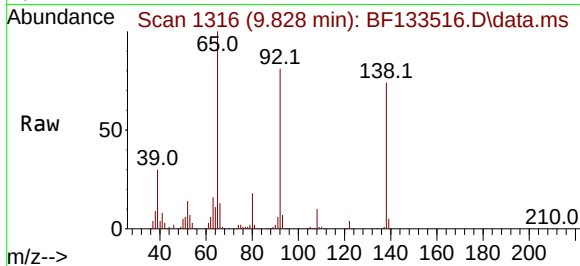




#53
3-Nitroaniline
Concen: 40.436 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

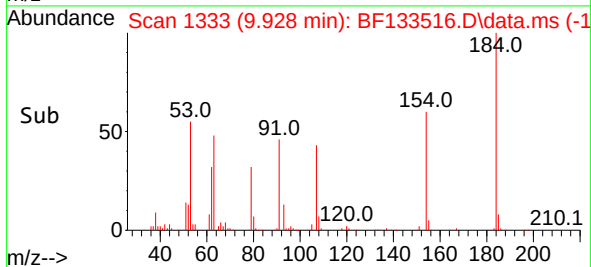
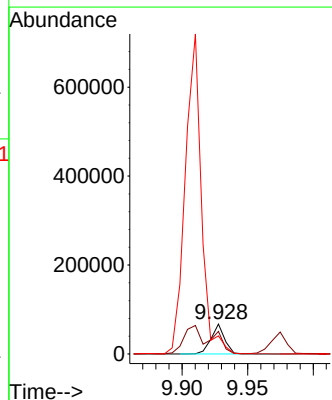
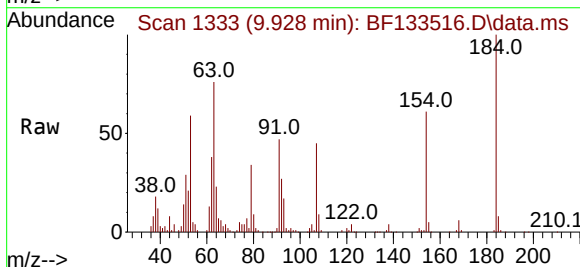
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

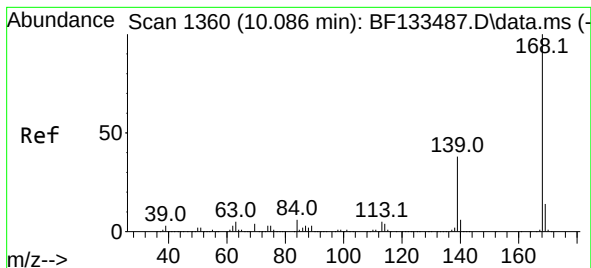
Tgt Ion:138 Resp: 170457
Ion Ratio Lower Upper
138 100
108 13.2 11.9 17.9
92 110.6 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 37.976 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:184 Resp: 48285
Ion Ratio Lower Upper
184 100
63 75.6 55.7 83.5
154 60.5 49.3 73.9





#55

Dibenzenofuran

Concen: 39.825 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

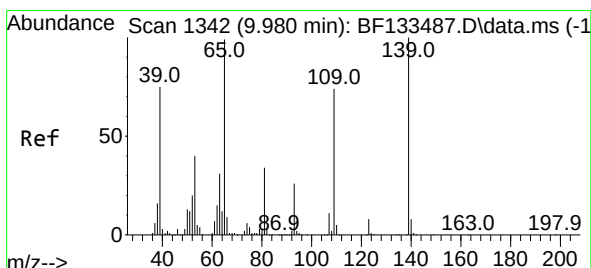
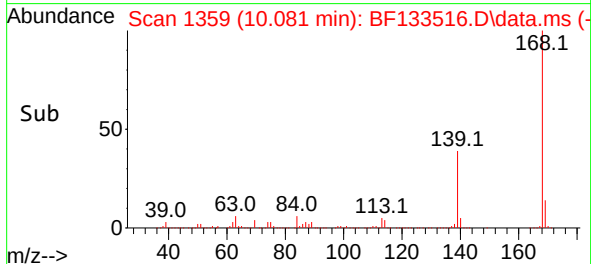
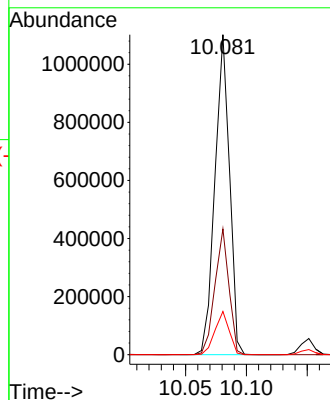
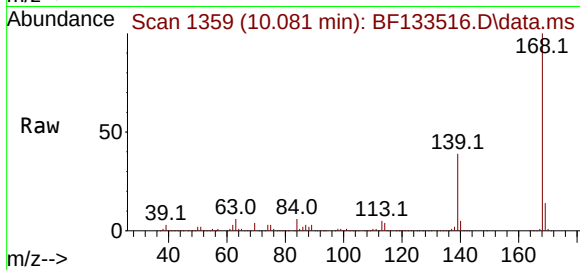
Tgt Ion:168 Resp: 919691

Ion Ratio Lower Upper

168 100

139 39.3 30.6 46.0

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 41.527 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.005 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

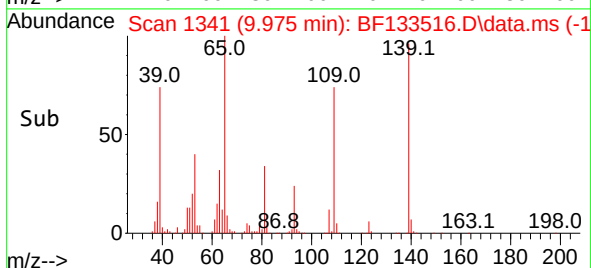
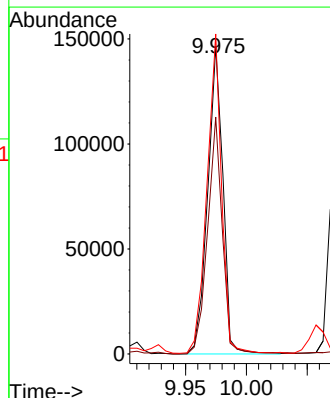
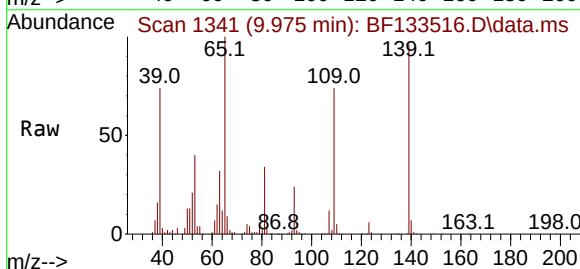
Tgt Ion:139 Resp: 127342

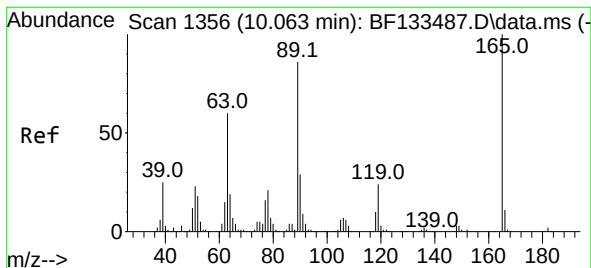
Ion Ratio Lower Upper

139 100

109 77.0 54.5 94.5

65 104.0 79.5 119.5

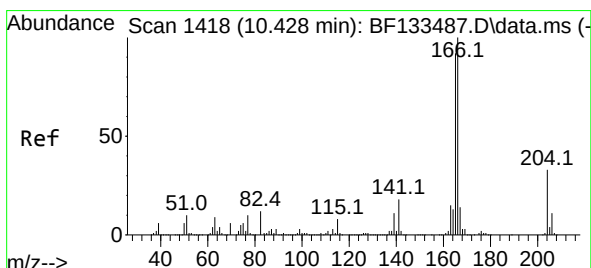
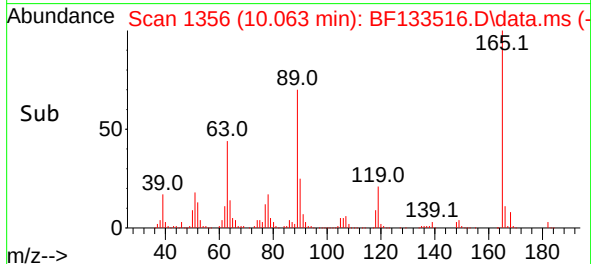
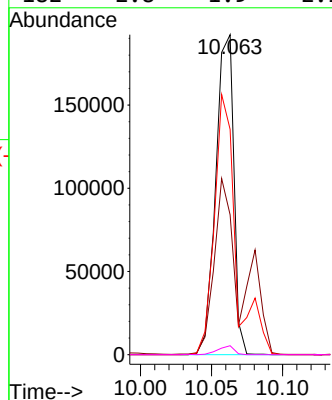
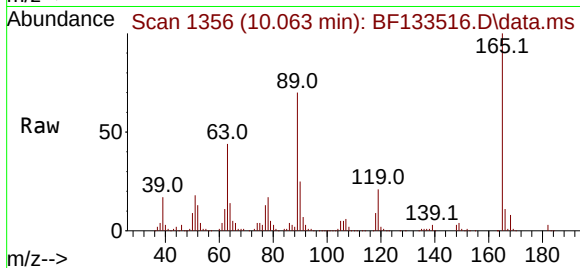




#57
2,4-Dinitrotoluene
Concen: 40.873 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

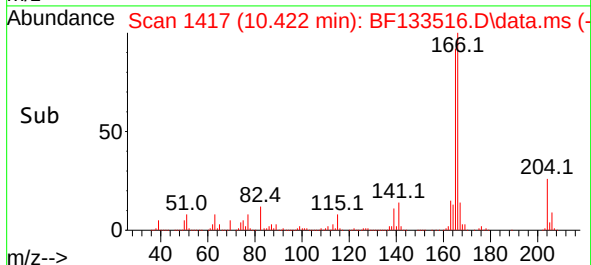
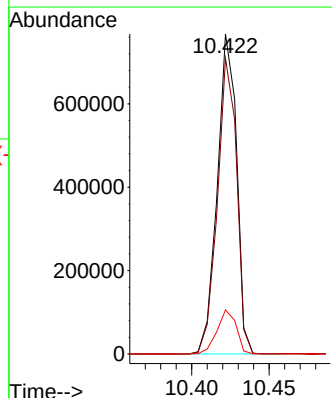
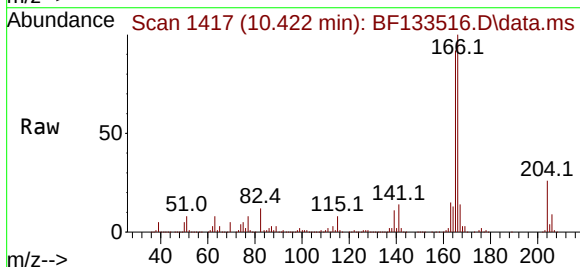
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

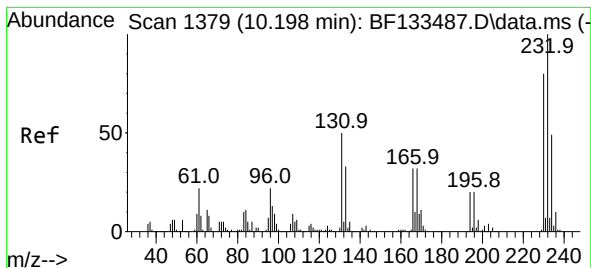
Tgt Ion:165 Resp: 169566
Ion Ratio Lower Upper
165 100
63 43.7 48.1 72.1#
89 70.4 68.4 102.6
182 2.8 1.9 2.9



#58
Fluorene
Concen: 39.369 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:166 Resp: 666105
Ion Ratio Lower Upper
166 100
165 92.3 73.4 110.0
167 13.7 10.9 16.3

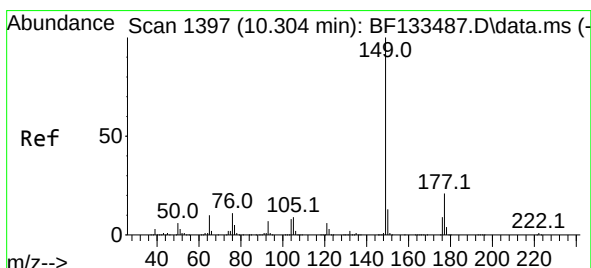
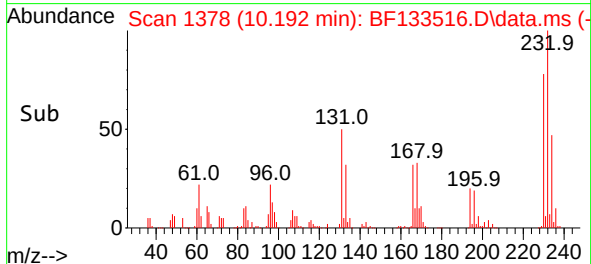
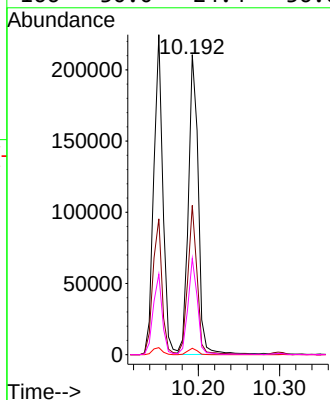
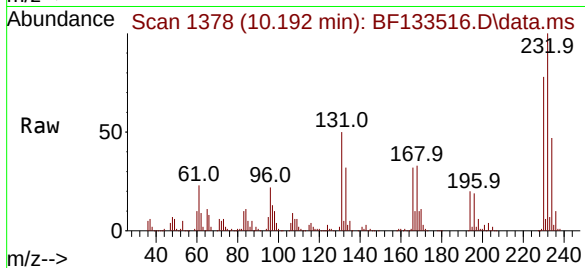




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.141 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

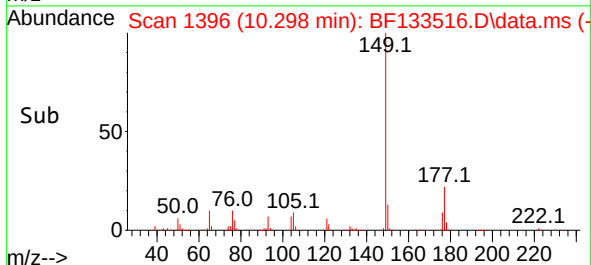
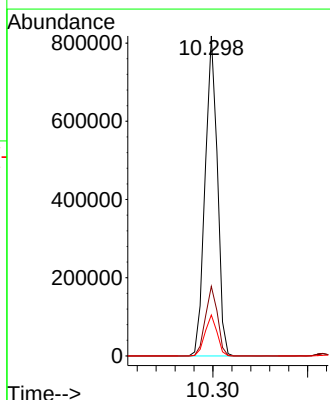
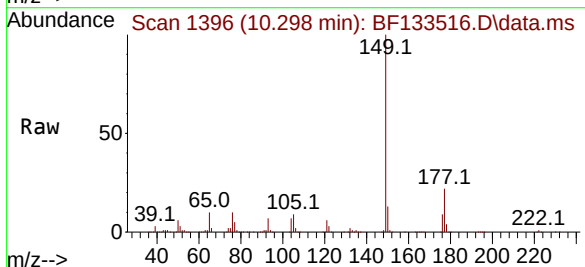
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

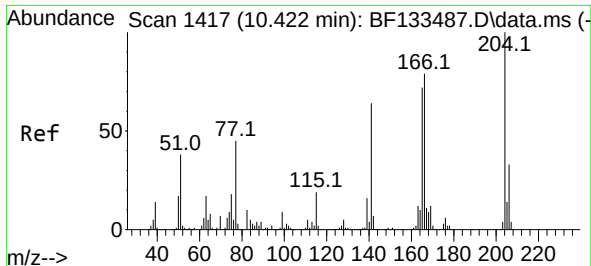
Tgt Ion:232 Resp: 178160
Ion Ratio Lower Upper
232 100
131 46.5 37.9 56.9
130 2.1 1.8 2.6
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 39.336 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:149 Resp: 731892
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 10.2 15.2

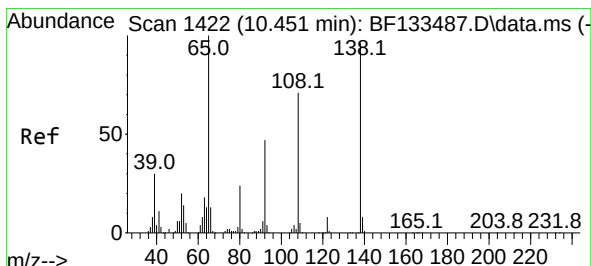
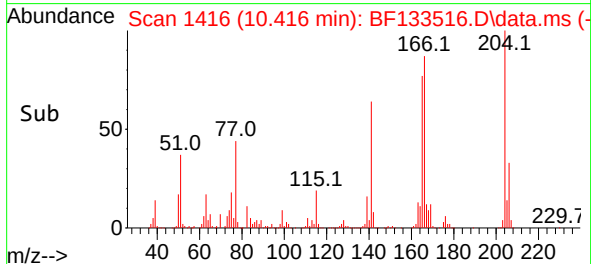
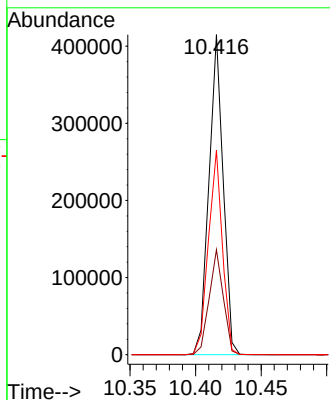
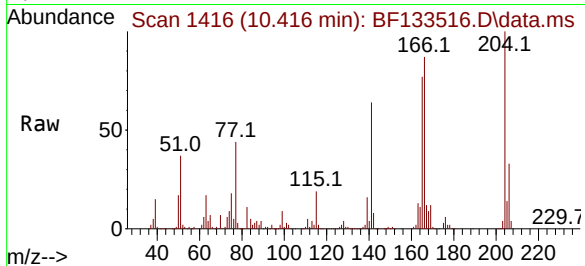




#61
4-Chlorophenyl-phenylether
Concen: 38.550 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

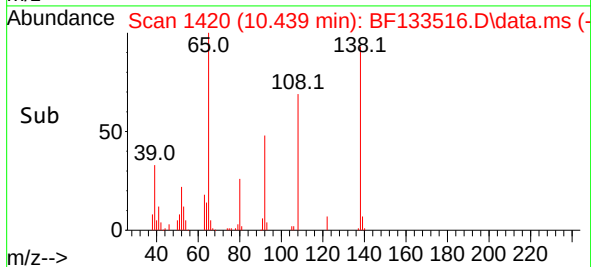
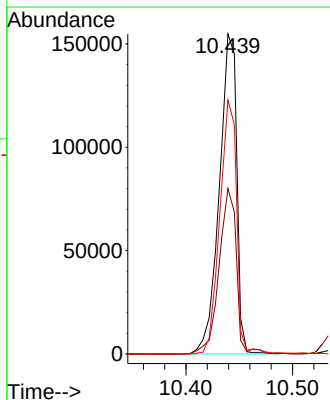
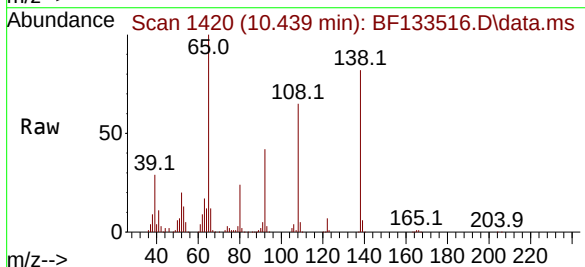
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

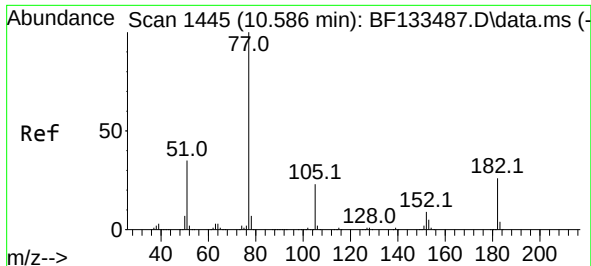
Tgt Ion:204 Resp: 313179
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 63.9 51.4 77.2



#62
4-Nitroaniline
Concen: 41.195 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:138 Resp: 175400
Ion Ratio Lower Upper
138 100
92 51.7 28.4 68.4
108 79.4 54.2 94.2

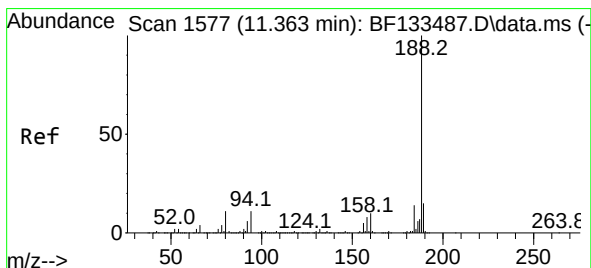
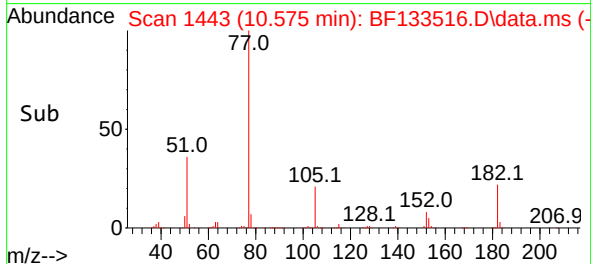
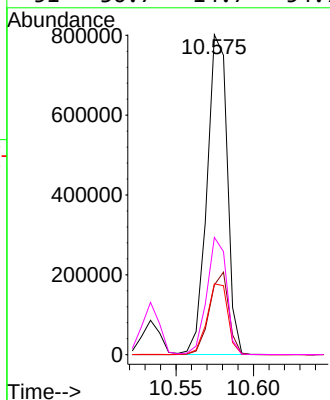
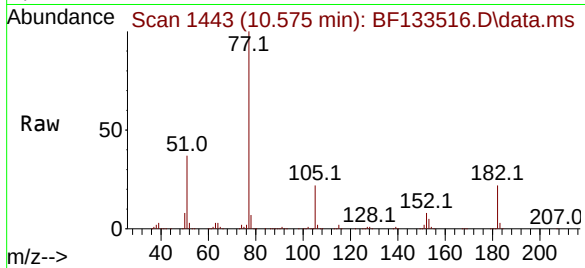




#63
Azobenzene
Concen: 39.212 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

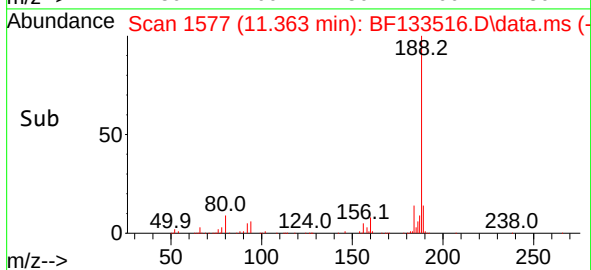
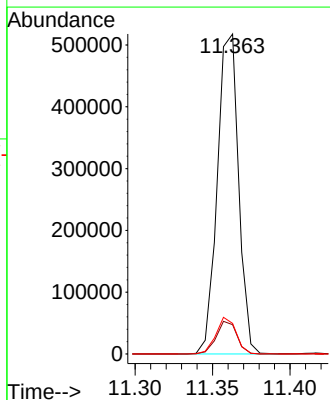
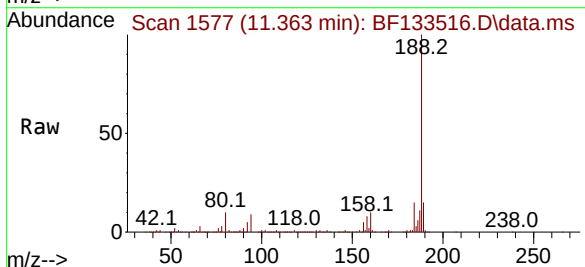
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

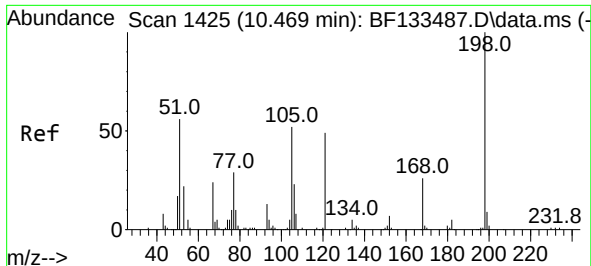
Tgt Ion: 77	Resp: 730313
Ion Ratio	Lower Upper
77 100	
182 21.8	5.6 45.6
105 22.2	2.6 42.6
51 36.7	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:188	Resp: 494993		
Ion Ratio	Lower	Upper	
188 100			
94 9.2	8.6	12.8	
80 9.6	9.2	13.8	

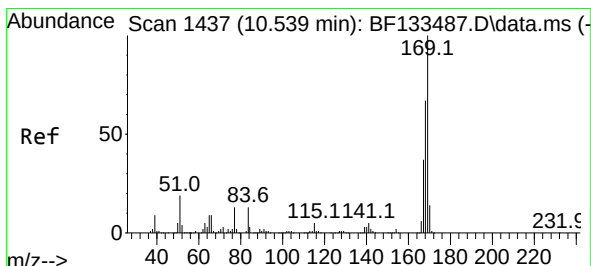
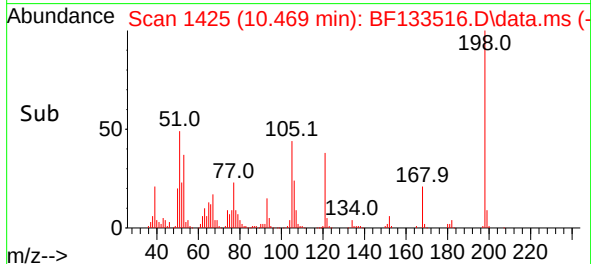
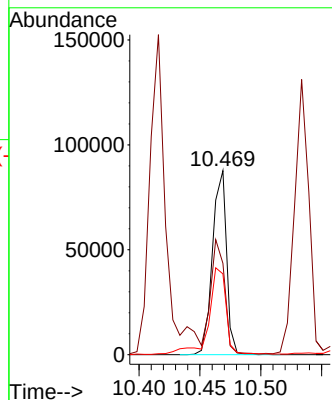
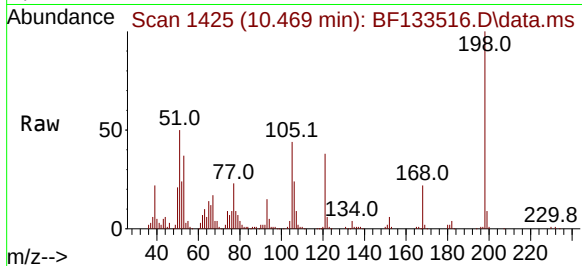




#65
4,6-Dinitro-2-methylphenol
Concen: 37.137 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

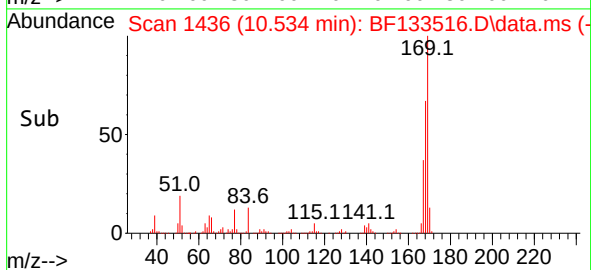
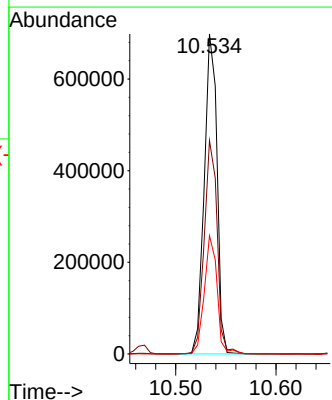
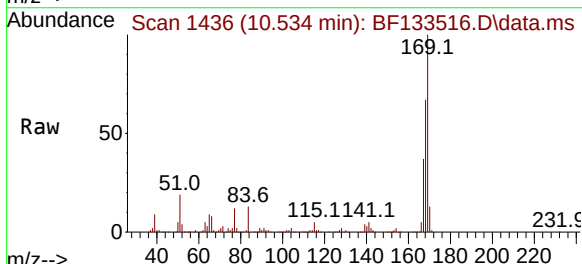
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

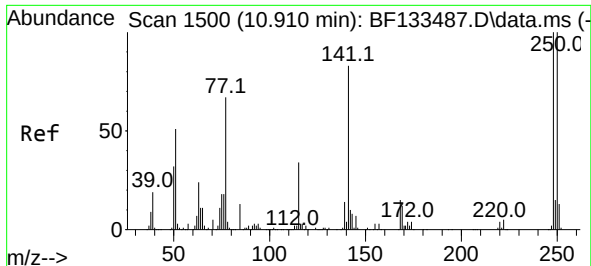
Tgt Ion:198 Resp: 70297
Ion Ratio Lower Upper
198 100
51 49.7 53.6 93.6#
105 43.9 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 38.529 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:169 Resp: 619162
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.9 29.6 44.4

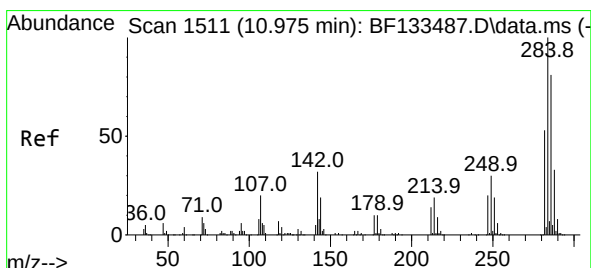
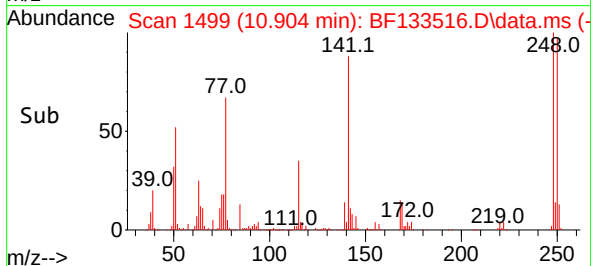
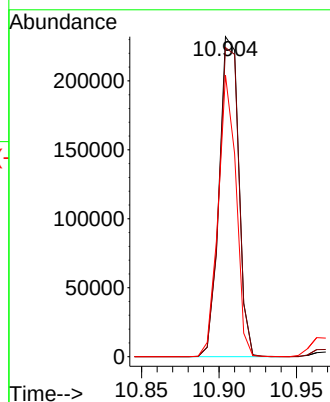
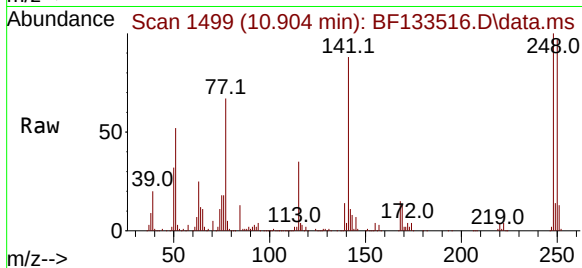




#67
4-Bromophenyl-phenylether
Concen: 38.821 ng
RT: 10.904 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

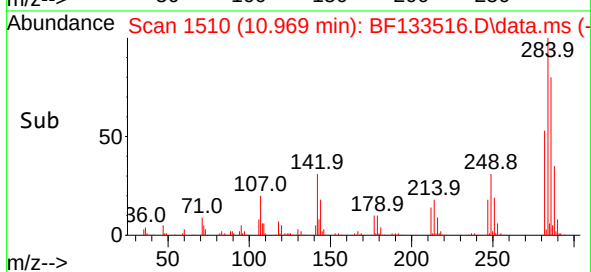
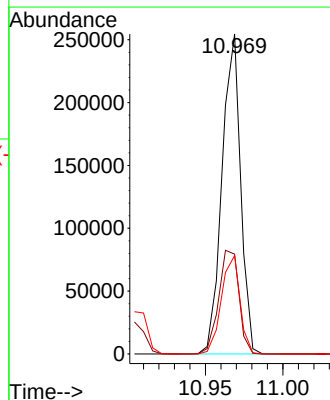
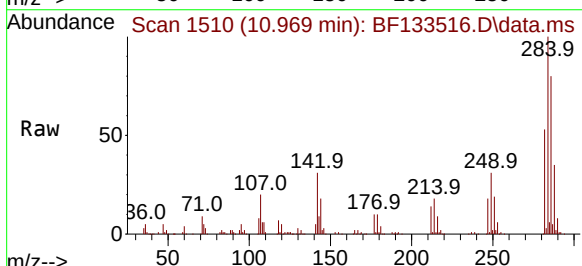
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

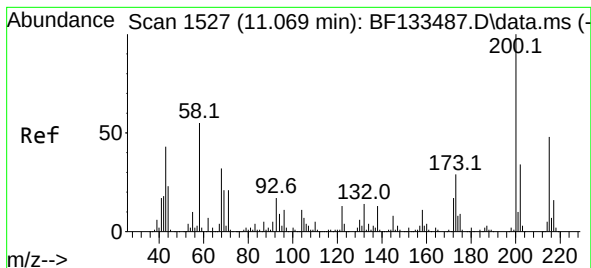
Tgt Ion:248 Resp: 204076
Ion Ratio Lower Upper
248 100
250 96.6 79.7 119.5
141 88.0 66.6 100.0



#68
Hexachlorobenzene
Concen: 38.620 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:284 Resp: 212302
Ion Ratio Lower Upper
284 100
142 31.2 25.8 38.6
249 30.8 24.4 36.6





#69

Atrazine

Concen: 39.374 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

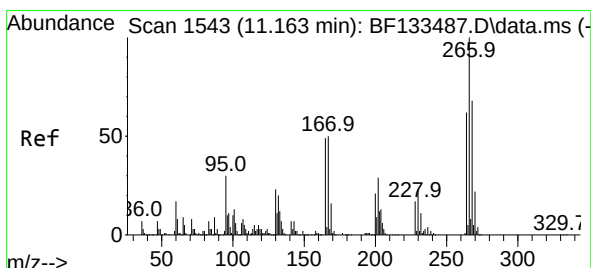
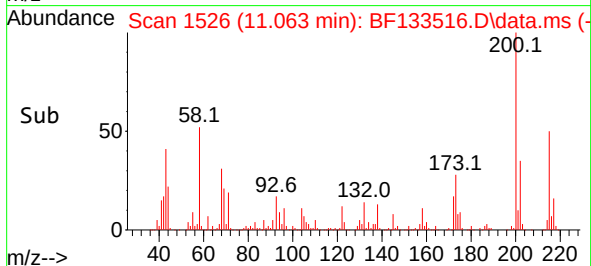
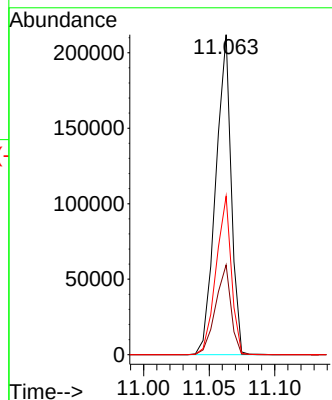
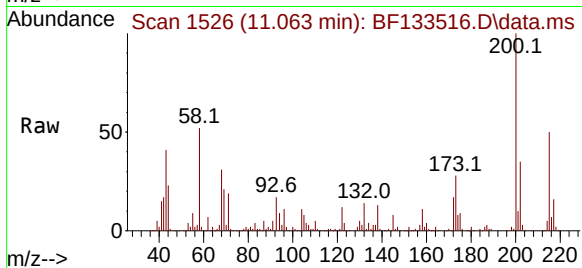
Tgt Ion:200 Resp: 173610

Ion Ratio Lower Upper

200 100

173 28.0 9.0 49.0

215 49.5 27.6 67.6



#70

Pentachlorophenol

Concen: 41.329 ng

RT: 11.157 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

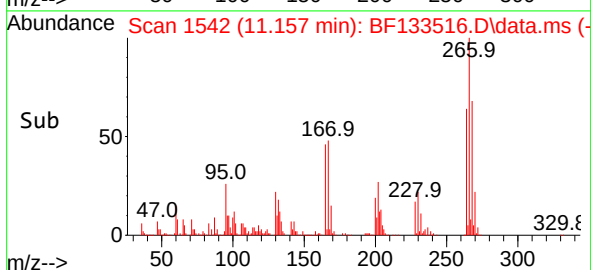
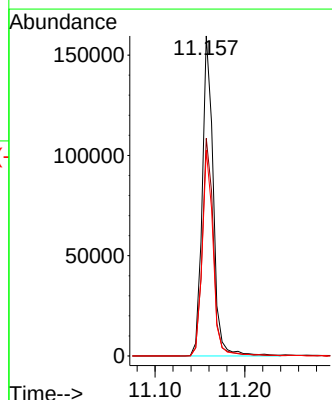
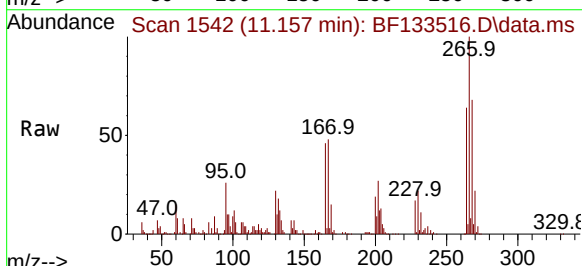
Tgt Ion:266 Resp: 135849

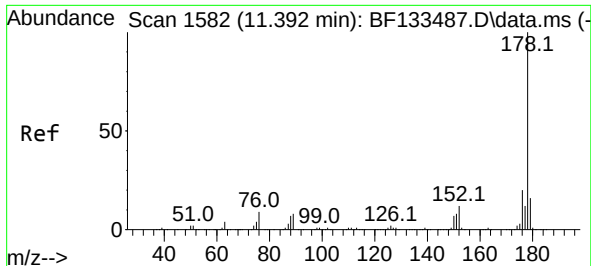
Ion Ratio Lower Upper

266 100

268 68.0 54.6 82.0

264 64.3 49.2 73.8

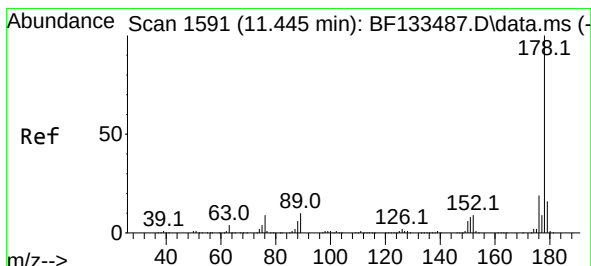
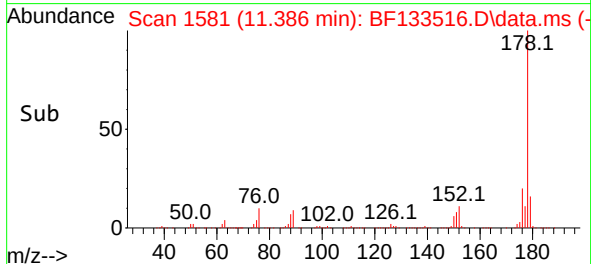
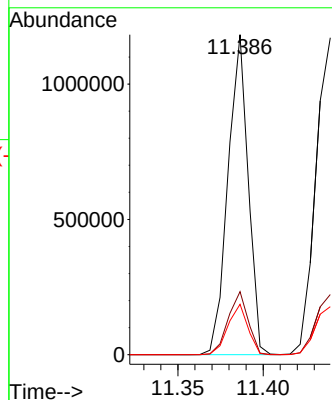
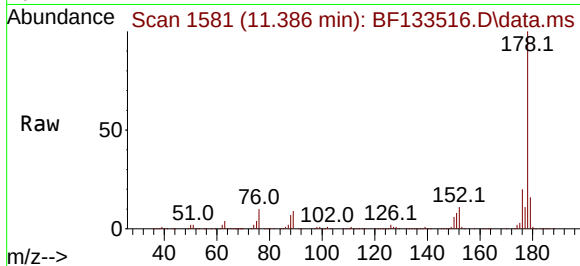




#71
Phenanthrene
Concen: 38.850 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

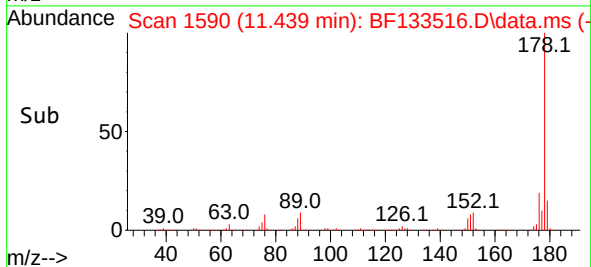
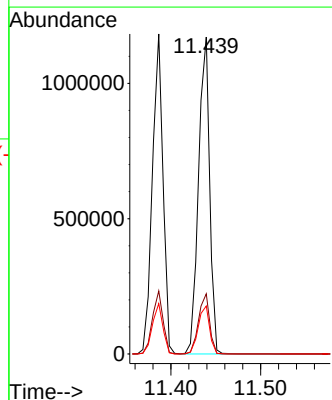
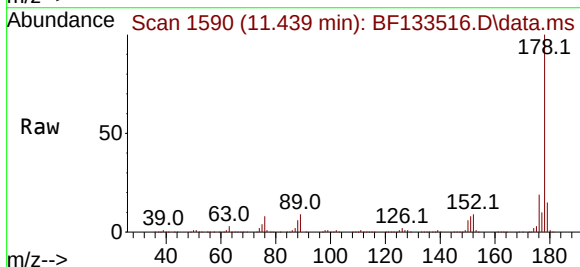
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

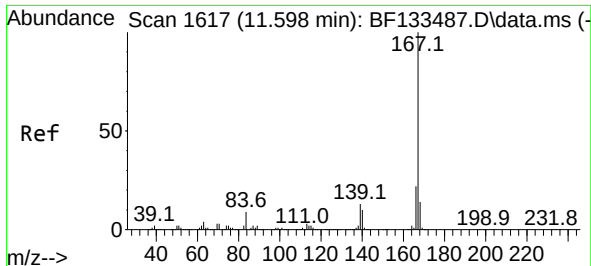
Tgt Ion:178 Resp: 974018
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.8 12.4 18.6



#72
Anthracene
Concen: 39.108 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:178 Resp: 1009104
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.6 18.8

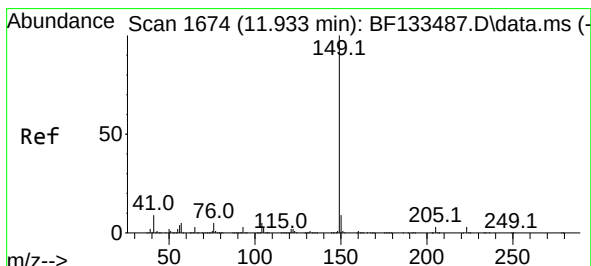
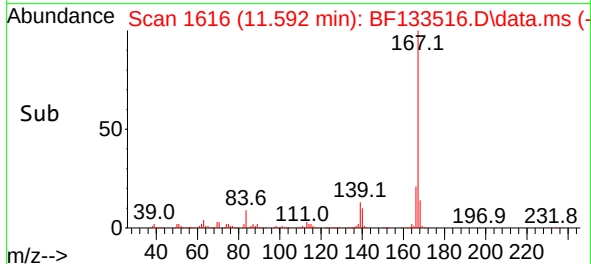
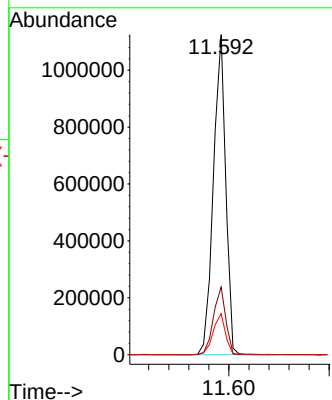
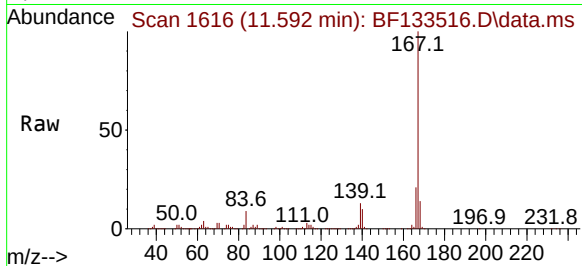




#73
 Carbazole
 Concen: 39.368 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

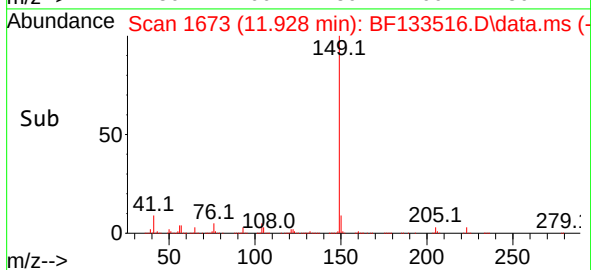
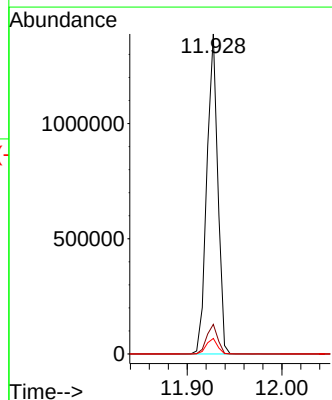
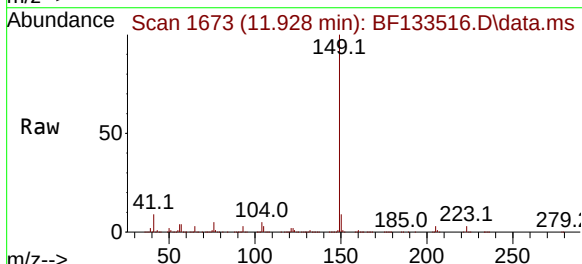
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

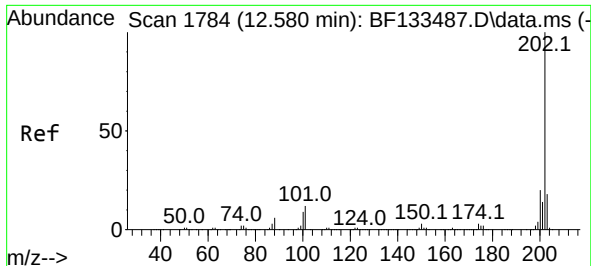
Tgt Ion:167 Resp: 960670
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 38.530 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Tgt Ion:149 Resp: 1111784
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 3.9 5.9

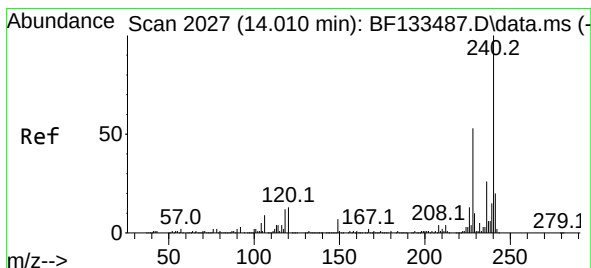
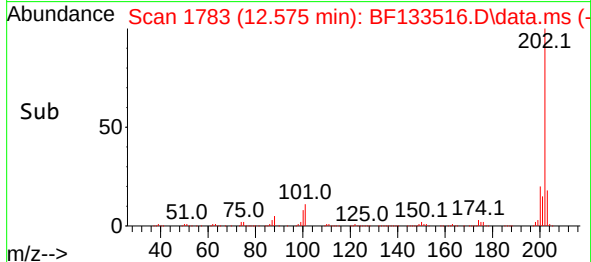
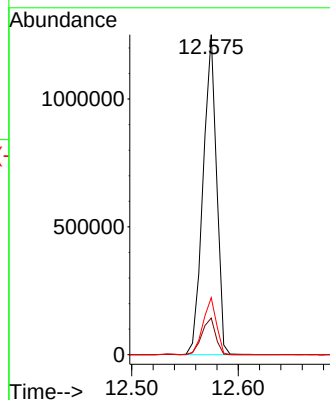
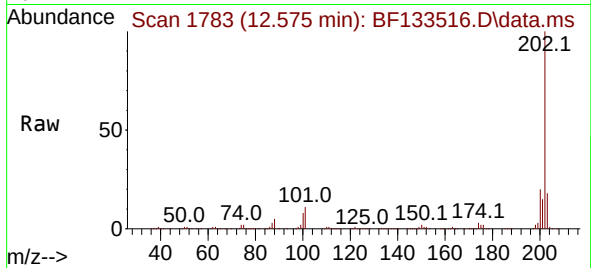




#75
Fluoranthene
Concen: 39.860 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

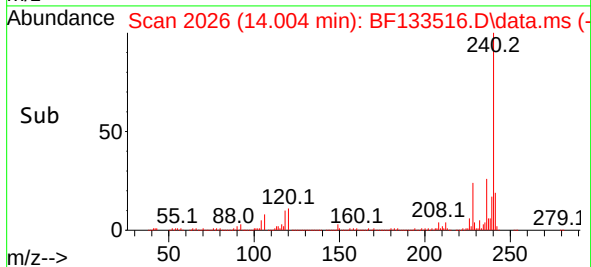
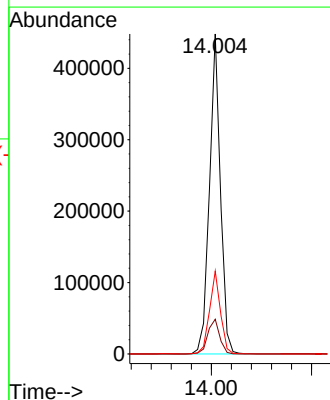
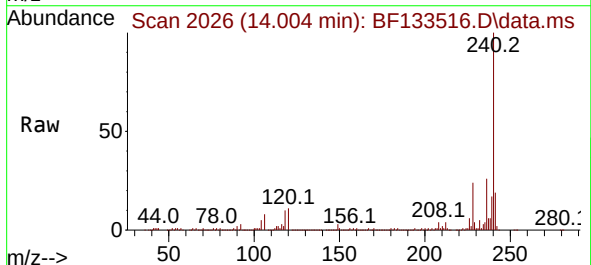
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

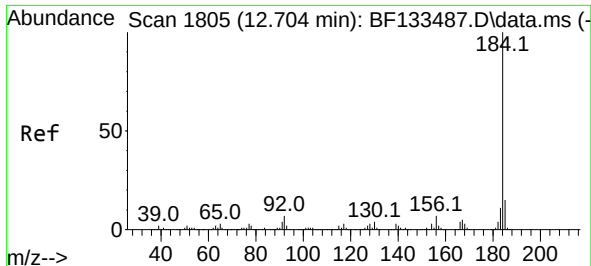
Tgt Ion:202 Resp: 1103838
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:240 Resp: 341174
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 25.9 20.5 30.7

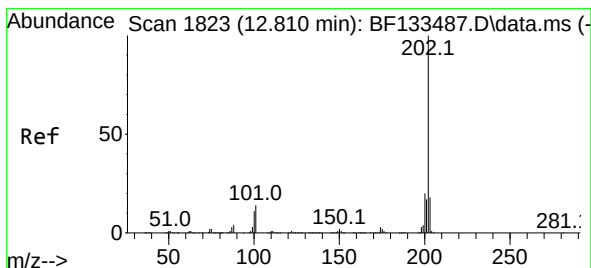
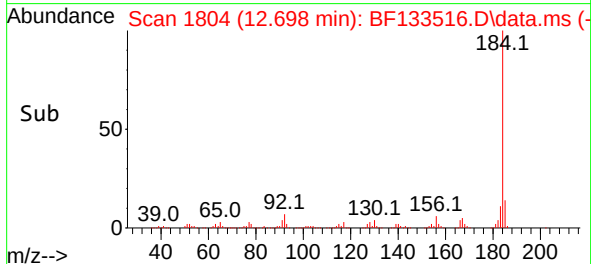
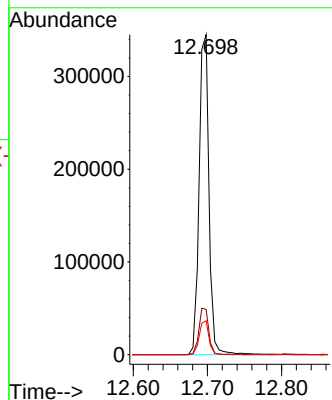
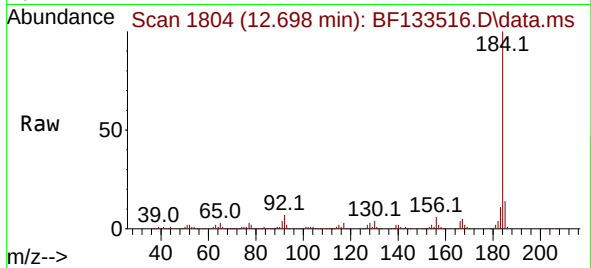




#77
Benzidine
Concen: 31.972 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

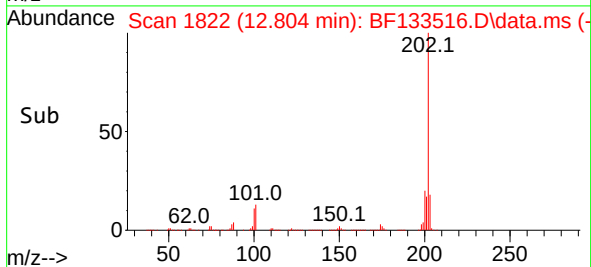
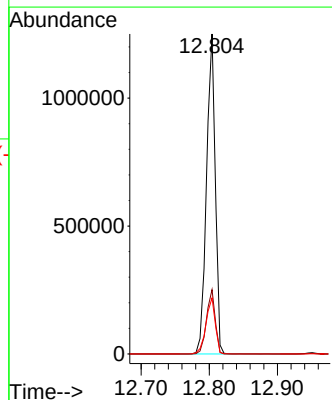
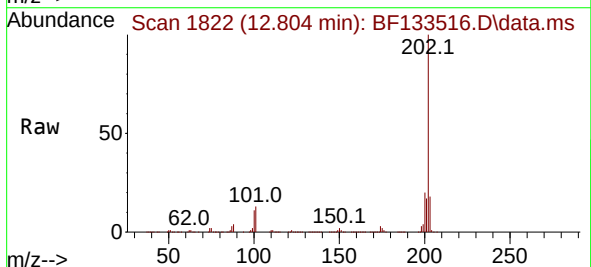
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

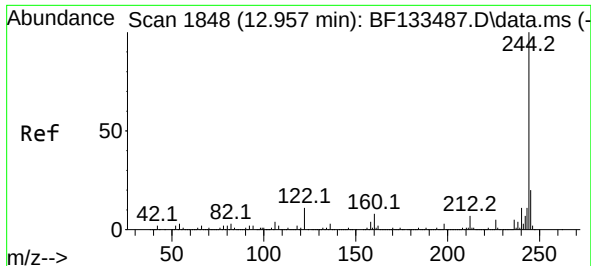
Tgt Ion:184 Resp: 319037
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.6 8.7 13.1



#78
Pyrene
Concen: 38.543 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

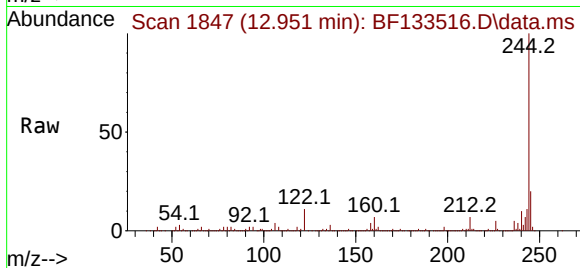
Tgt Ion:202 Resp: 1118997
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 17.5 14.3 21.5



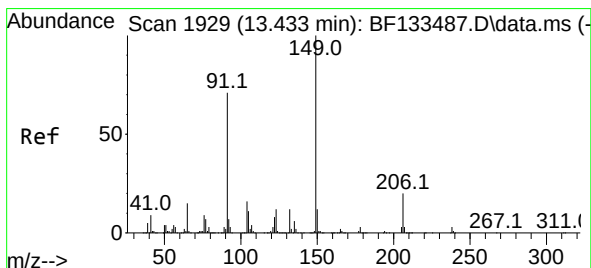
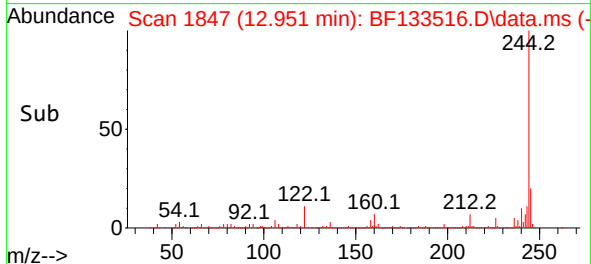
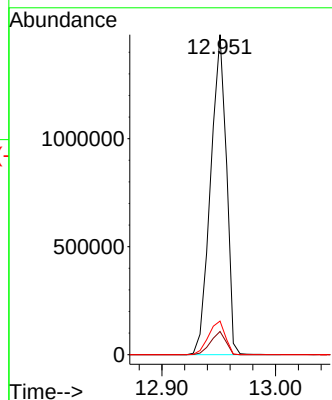


#79
 Terphenyl-d14
 Concen: 74.504 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

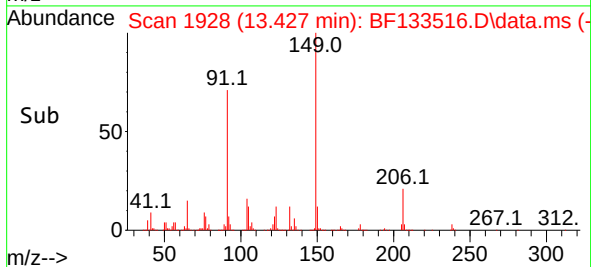
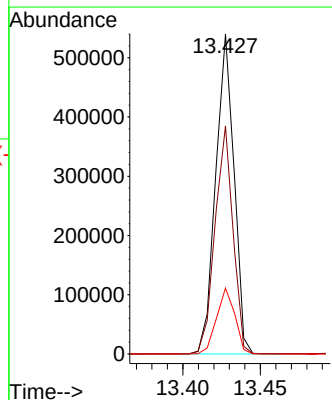
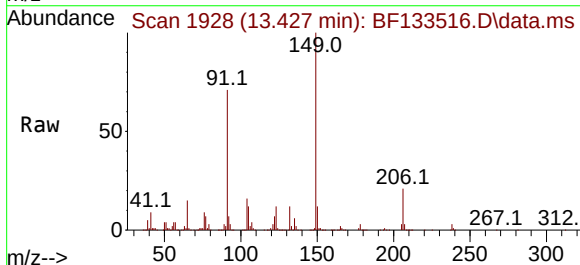


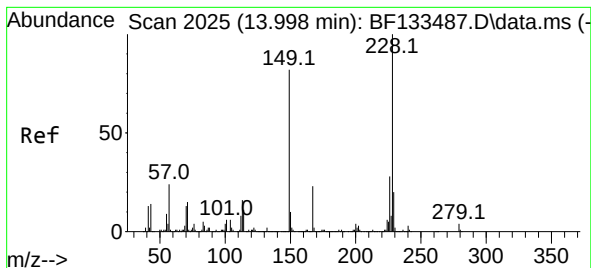
Tgt Ion:244 Resp: 1429640
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.5 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 38.689 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF133516.D
 Acq: 30 May 2023 11:52

Tgt Ion:149 Resp: 444412
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.9 85.3
 206 20.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.875 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

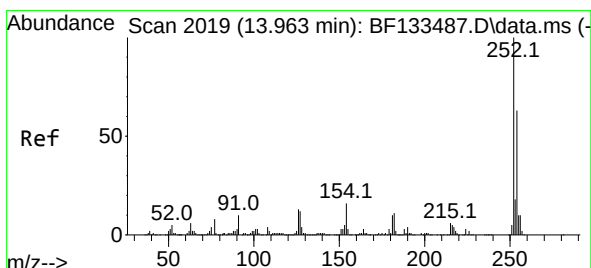
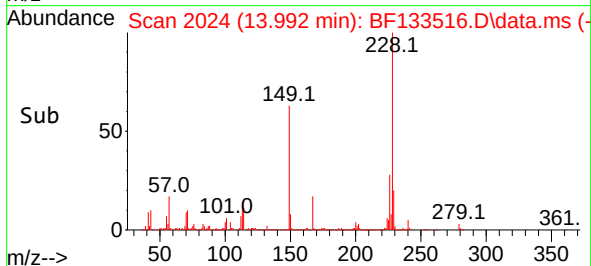
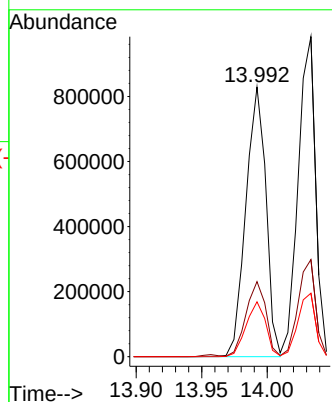
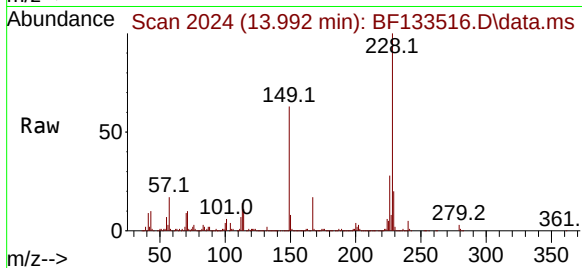
Tgt Ion:228 Resp: 883548

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.045 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

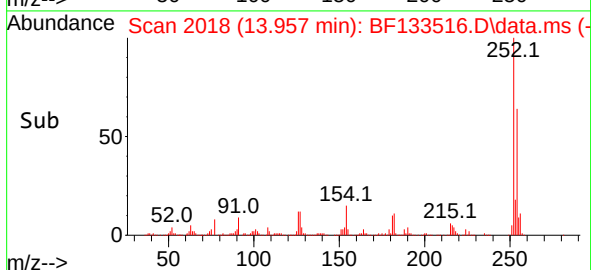
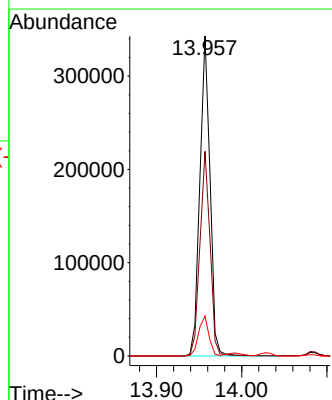
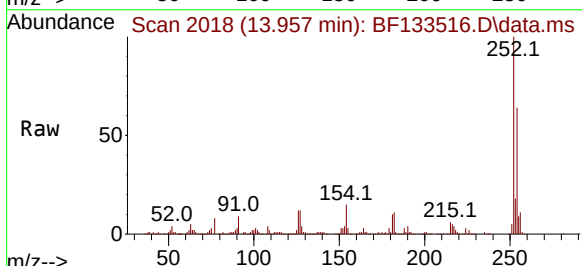
Tgt Ion:252 Resp: 284515

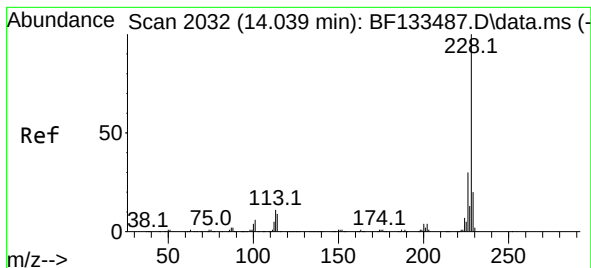
Ion Ratio Lower Upper

252 100

254 63.9 50.3 75.5

126 12.4 10.5 15.7





#83

Chrysene

Concen: 39.782 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

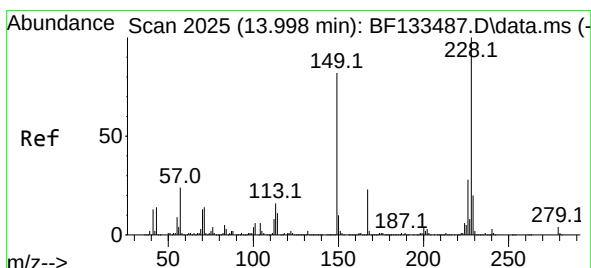
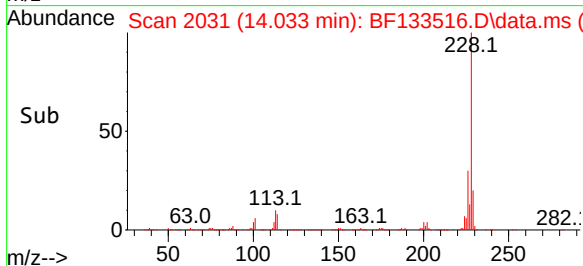
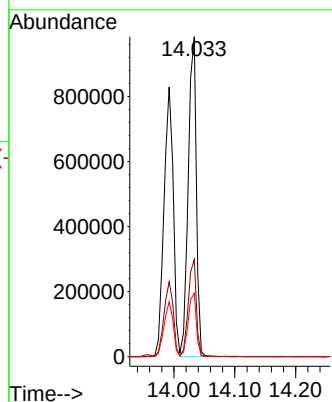
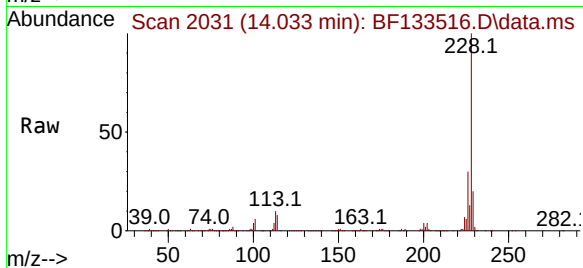
Tgt Ion:228 Resp: 912757

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.501 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

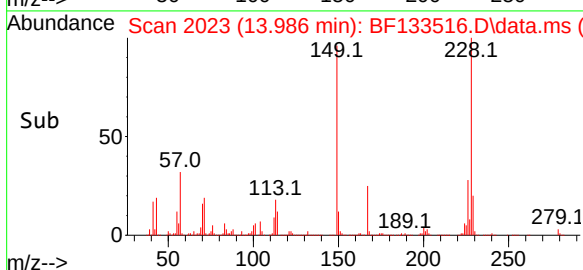
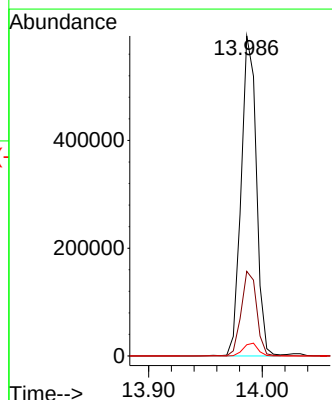
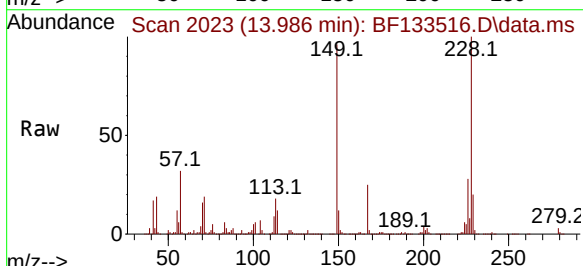
Tgt Ion:149 Resp: 552815

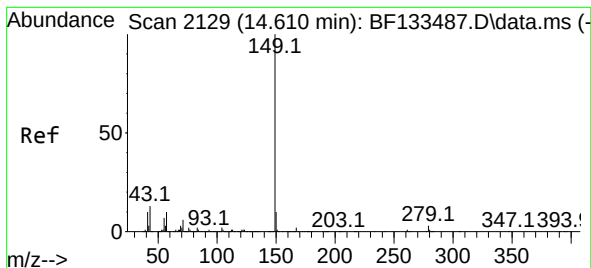
Ion Ratio Lower Upper

149 100

167 26.5 22.0 33.0

279 3.5 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 40.793 ng

RT: 14.604 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

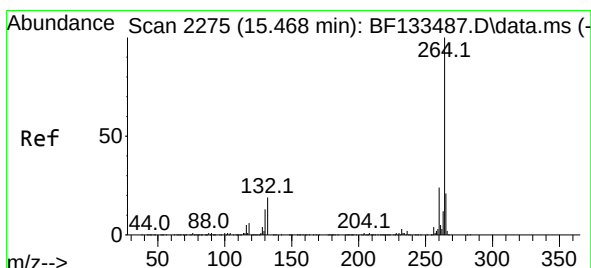
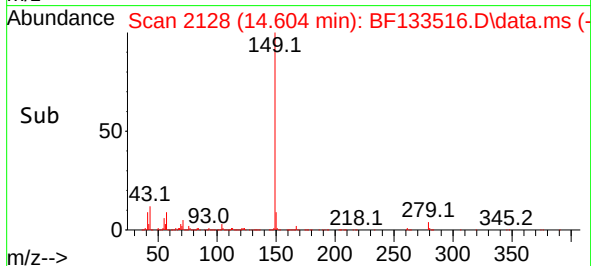
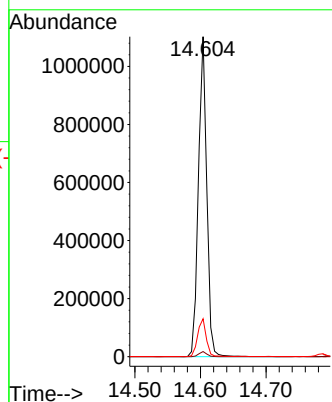
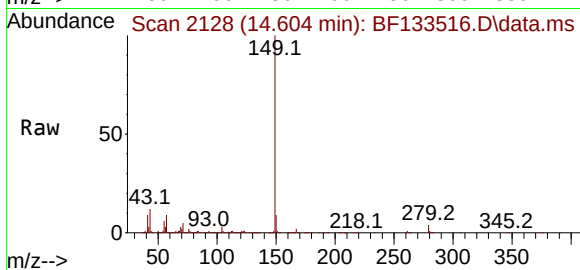
Tgt Ion:149 Resp: 975705

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.3 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

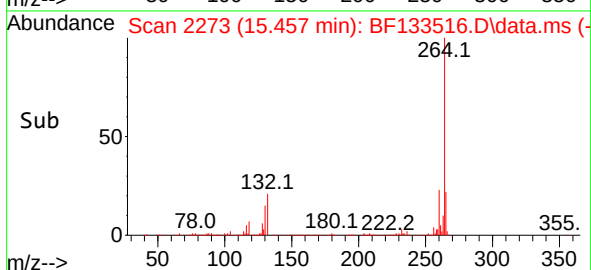
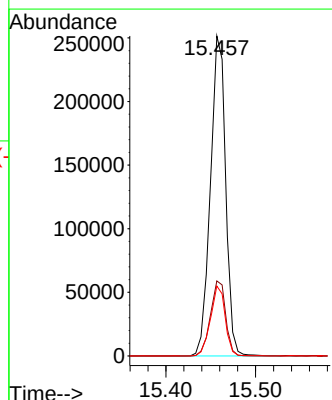
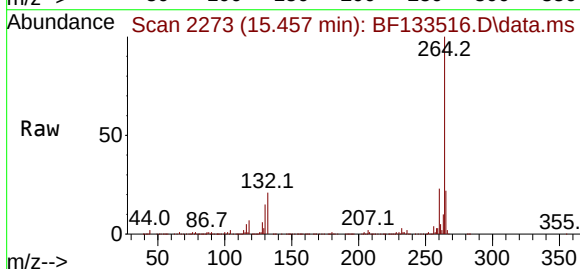
Tgt Ion:264 Resp: 296827

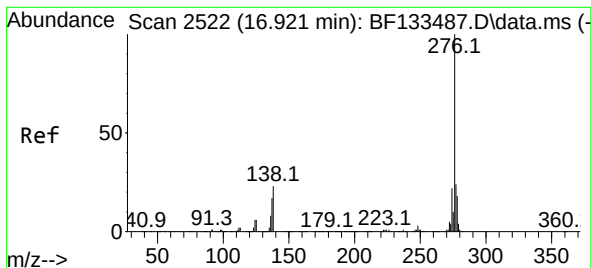
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.163 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

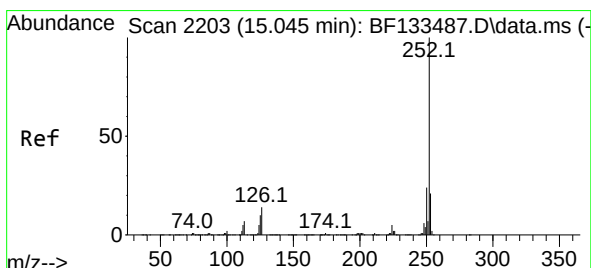
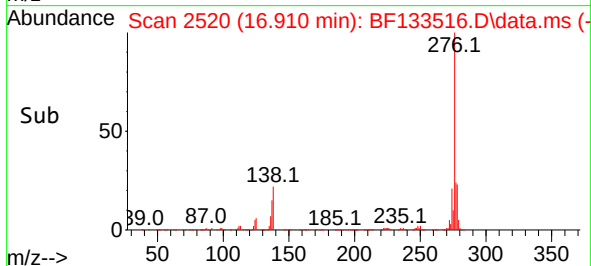
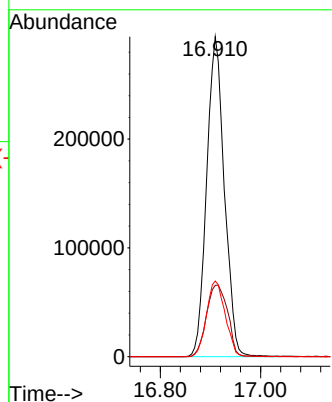
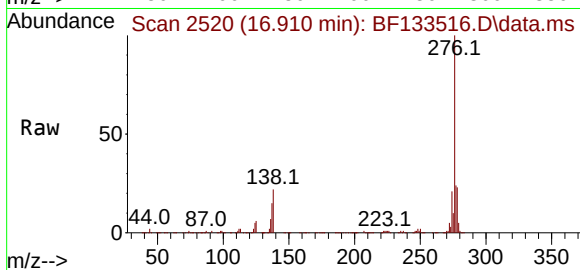
Tgt Ion:276 Resp: 721562

Ion Ratio Lower Upper

276 100

138 26.8 21.4 32.2

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.809 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BF133516.D

Acq: 30 May 2023 11:52

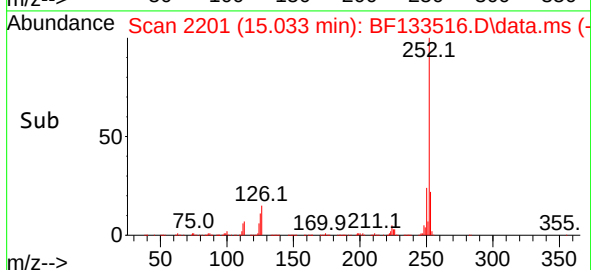
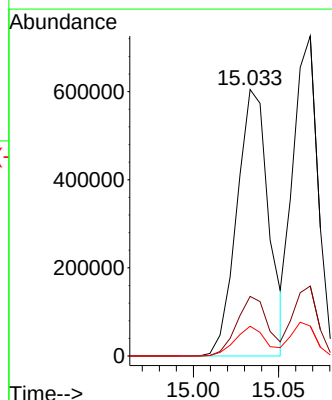
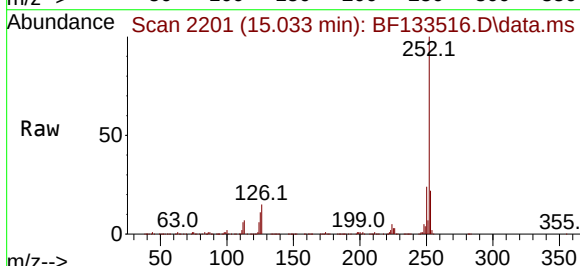
Tgt Ion:252 Resp: 788781

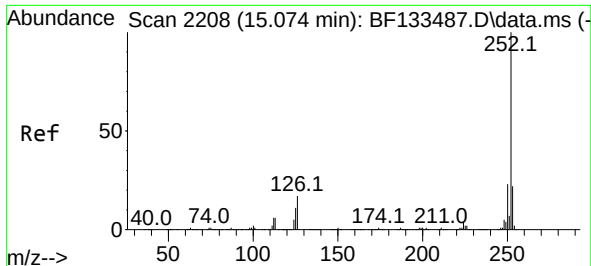
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 11.2 8.1 12.1

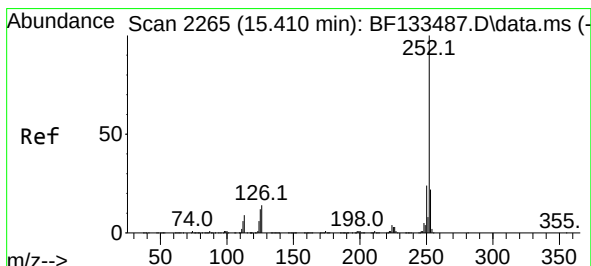
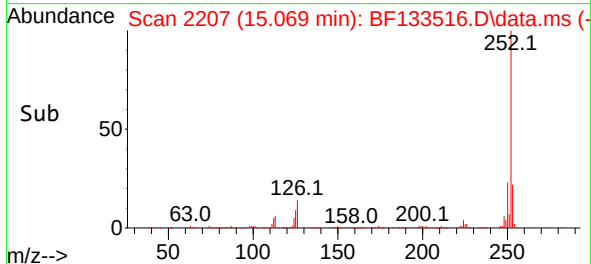
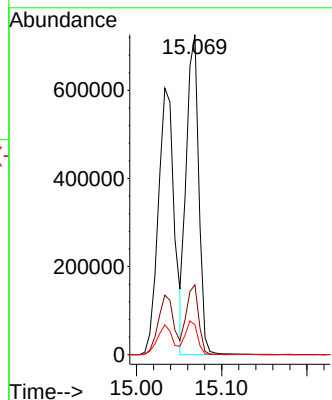
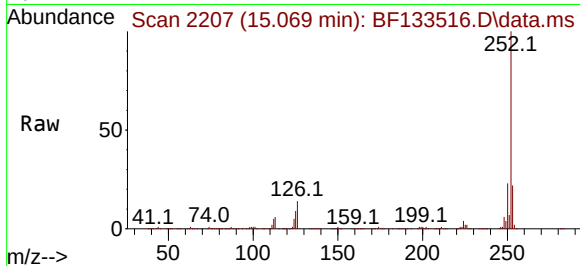




#89
Benzo(k)fluoranthene
Concen: 39.068 ng
RT: 15.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

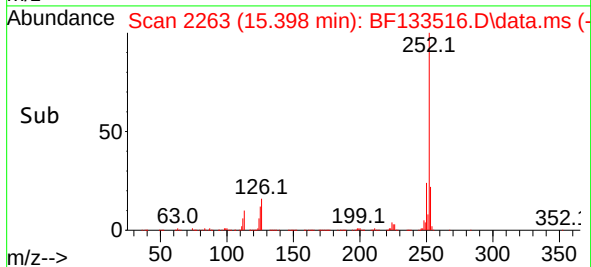
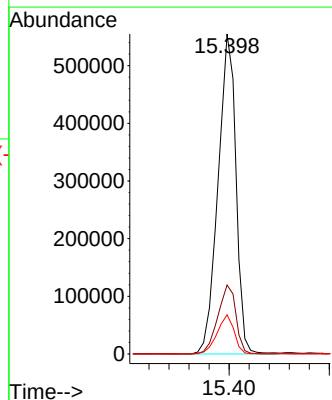
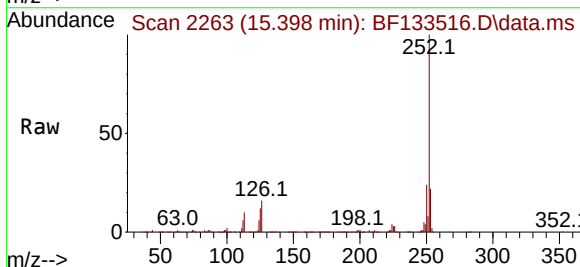
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

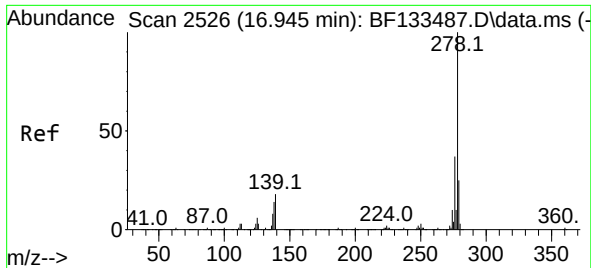
Tgt Ion:252 Resp: 736314
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 39.119 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:252 Resp: 688017
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 12.2 9.4 14.0

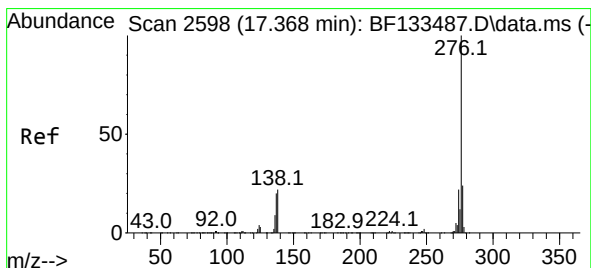
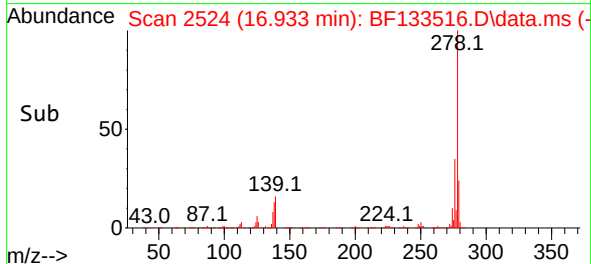
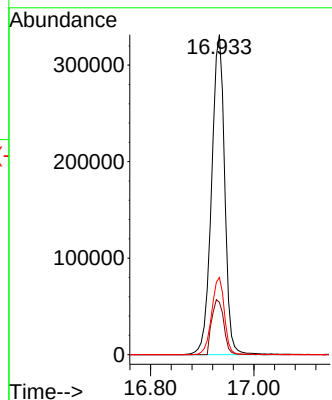
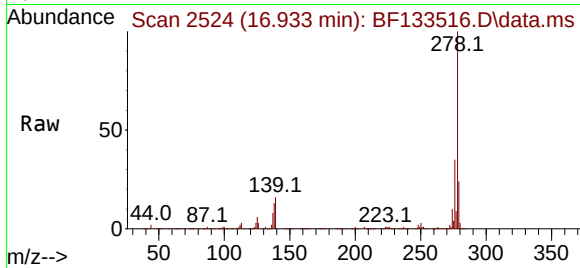




#91
Dibenzo(a,h)anthracene
Concen: 38.158 ng
RT: 16.933 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 584946
Ion Ratio Lower Upper
278 100
139 16.4 14.1 21.1
279 24.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 39.942 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.017 min
Lab File: BF133516.D
Acq: 30 May 2023 11:52

Tgt Ion:276 Resp: 617396
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 23.8 17.8 26.6

