

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134189.D
 Acq On : 10 Jul 2023 16:42
 Operator : CG\JU
 Sample : PB153729BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 17:41:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127936	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	489613	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	232698	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	387083	20.000	ng	0.00
76) Chrysene-d12	14.039	240	242675	20.000	ng	-0.01
86) Perylene-d12	15.545	264	257276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	678060	88.657	ng	0.00
7) Phenol-d6	6.487	99	753177	80.076	ng	0.00
23) Nitrobenzene-d5	7.410	82	815249	89.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	207808	71.226	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1466662	91.637	ng	0.00
79) Terphenyl-d14	12.974	244	1150723	76.316	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	111767	35.441	ng	99
3) Pyridine	3.499	79	301250	36.674	ng	94
4) n-Nitrosodimethylamine	3.463	42	202943	43.258	ng	97
6) Aniline	6.510	93	317592	27.748	ng	# 84
8) 2-Chlorophenol	6.634	128	360047	46.375	ng	98
9) Benzaldehyde	6.398	77	145596	25.559	ng	99
10) Phenol	6.504	94	411522	41.612	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	321508	44.158	ng	100
12) 1,3-Dichlorobenzene	6.787	146	397580	48.034	ng	98
13) 1,4-Dichlorobenzene	6.863	146	408282	48.836	ng	99
14) 1,2-Dichlorobenzene	7.010	146	386856	49.408	ng	99
15) Benzyl Alcohol	6.992	79	335833	46.316	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	575474	44.677	ng	94
17) 2-Methylphenol	7.104	107	298044	42.870	ng	97
18) Hexachloroethane	7.351	117	154432	49.818	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	262563	44.019	ng	99
20) 3+4-Methylphenols	7.257	107	359291	42.599	ng	95
22) Acetophenone	7.257	105	519118	46.620	ng	97
24) Nitrobenzene	7.434	77	406404	44.278	ng	98
25) Isophorone	7.669	82	724170	43.869	ng	100
26) 2-Nitrophenol	7.745	139	209883	47.668	ng	98
27) 2,4-Dimethylphenol	7.787	122	319638	45.861	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	432383	45.236	ng	99
29) 2,4-Dichlorophenol	7.987	162	306080	44.287	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	331831	46.532	ng	99
31) Naphthalene	8.145	128	1031079	43.598	ng	99
32) Benzoic acid	7.928	122	67543	12.933	ng	93
33) 4-Chloroaniline	8.198	127	76604	7.572	ng	97
34) Hexachlorobutadiene	8.257	225	209686	46.613	ng	99
35) Caprolactam	8.586	113	91557	40.234	ng	99
36) 4-Chloro-3-methylphenol	8.687	107	332399	42.812	ng	96
37) 2-Methylnaphthalene	8.839	142	676263	40.436	ng	98
38) 1-Methylnaphthalene	8.939	142	644087	41.427	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	342452	49.674	ng	98
41) Hexachlorocyclopentadiene	8.992	237	241389	73.804	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	212329	45.243	ng	100

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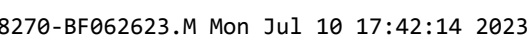
Instrument :
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Quant Time: Jul 10 17:41:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	218304	39.545	ng	97
46) 1,1'-Biphenyl	9.304	154	892544	47.816	ng	99
47) 2-Chloronaphthalene	9.334	162	609959	44.661	ng	99
48) 2-Nitroaniline	9.434	65	218117	43.821	ng	91
49) Acenaphthylene	9.745	152	1024771	43.925	ng	99
50) Dimethylphthalate	9.610	163	779680	46.158	ng	99
51) 2,6-Dinitrotoluene	9.675	165	167735	46.104	ng	97
52) Acenaphthene	9.922	154	606239	44.782	ng	100
53) 3-Nitroaniline	9.845	138	131119	30.041	ng	98
54) 2,4-Dinitrophenol	9.951	184	42312	23.029	ng	96
55) Dibenzofuran	10.092	168	890274	42.079	ng	99
56) 4-Nitrophenol	10.016	139	179923	58.933	ng	95
57) 2,4-Dinitrotoluene	10.081	165	208992	43.498	ng	95
58) Fluorene	10.439	166	660109	40.104	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	152144	34.940	ng	96
60) Diethylphthalate	10.310	149	778916	44.261	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	329282	41.512	ng	100
62) 4-Nitroaniline	10.463	138	150880	34.302	ng	97
63) Azobenzene	10.586	77	689657	41.429	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	49138	23.284	ng	97
66) n-Nitrosodiphenylamine	10.551	169	616202	49.825	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	201777	49.044	ng	97
68) Hexachlorobenzene	10.986	284	220828	50.552	ng	97
69) Atrazine	11.080	200	186469	54.508	ng	98
70) Pentachlorophenol	11.186	266	133576	51.141	ng	98
71) Phenanthrene	11.404	178	880332	45.177	ng	100
72) Anthracene	11.457	178	912910	45.042	ng	100
73) Carbazole	11.616	167	742253	40.010	ng	99
74) Di-n-butylphthalate	11.945	149	1001786	45.409	ng	100
75) Fluoranthene	12.598	202	786999	37.358	ng	99
77) Benzidine	12.722	184	156483	27.100	ng	99
78) Pyrene	12.833	202	766658	33.947	ng	99
80) Butylbenzylphthalate	13.451	149	317191	37.448	ng	97
81) Benzo(a)anthracene	14.027	228	749104	44.510	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	179808	33.722	ng	99
83) Chrysene	14.069	228	733136	44.975	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	475377	48.843	ng	99
85) Di-n-octyl phthalate	14.633	149	836977	58.526	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	628641	35.213	ng	100
88) Benzo(b)fluoranthene	15.098	252	736463	48.682	ng	99
89) Benzo(k)fluoranthene	15.133	252	701732	45.559	ng	99
90) Benzo(a)pyrene	15.480	252	651771	44.554	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	528609	36.252	ng	99
92) Benzo(g,h,i)perylene	17.557	276	457254	30.408	ng	99

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

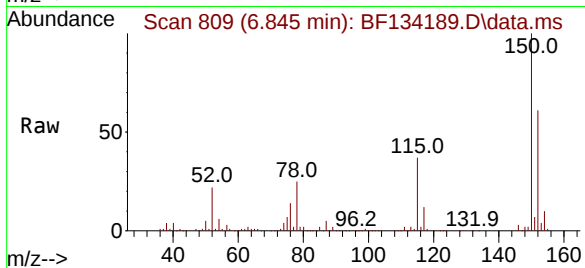
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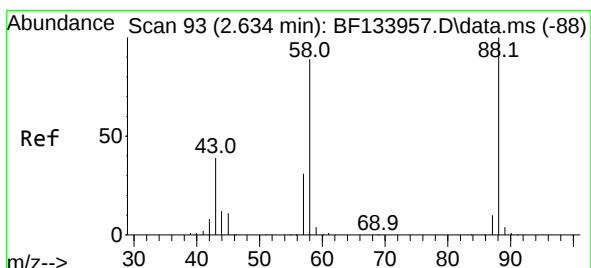
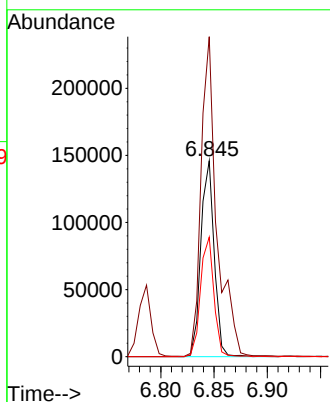
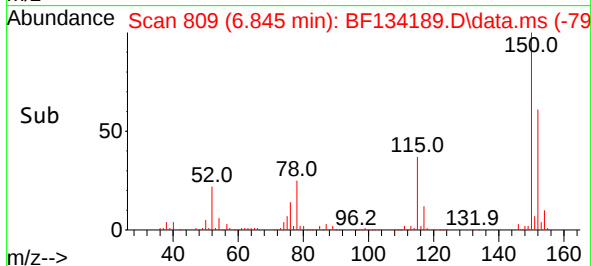


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

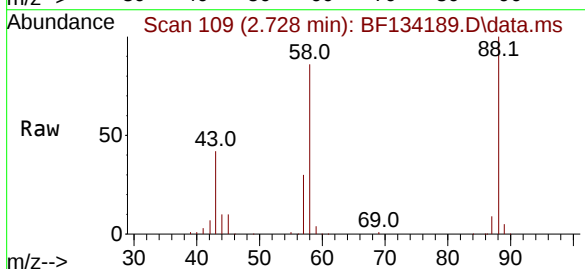
Instrument :
 BNA_F
 ClientSampleId :



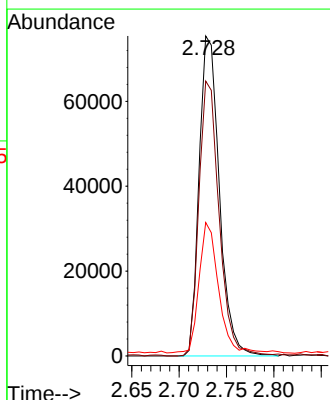
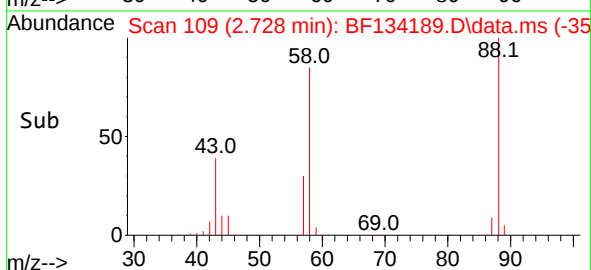
Tgt Ion:152 Resp: 127936
 Ion Ratio Lower Upper
 152 100
 150 163.4 124.5 186.7
 115 61.1 50.2 75.2

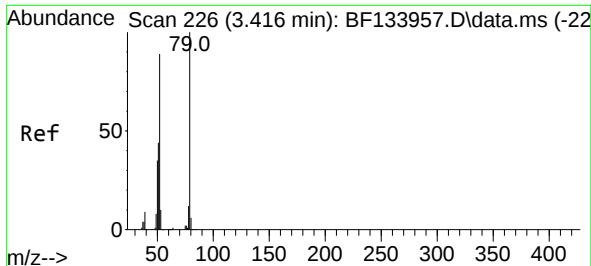


#2
 1,4-Dioxane
 Concen: 35.441 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42



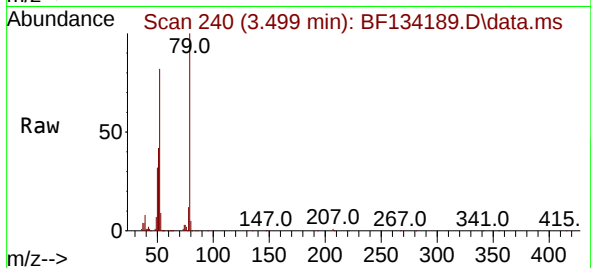
Tgt Ion: 88 Resp: 111767
 Ion Ratio Lower Upper
 88 100
 58 86.2 68.8 103.2
 43 39.7 30.7 46.1



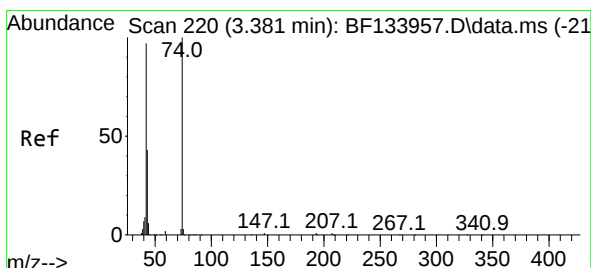
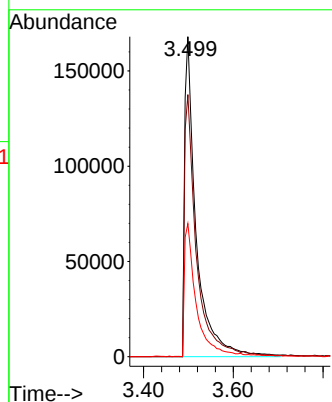
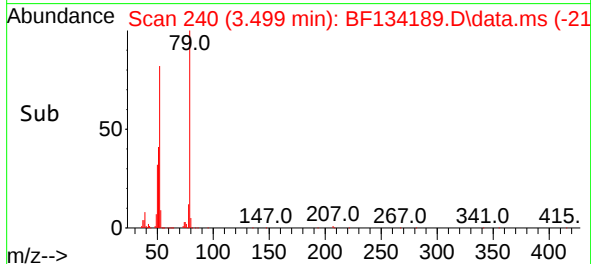


#3
Pyridine
Concen: 36.674 ng
RT: 3.499 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

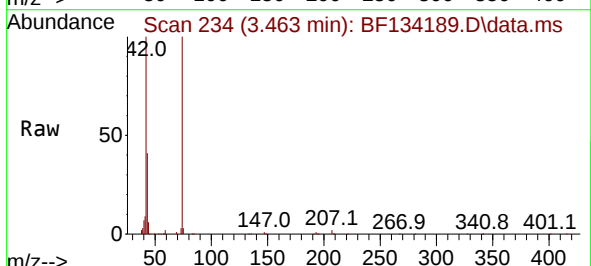
Instrument :
BNA_F
ClientSampleId :



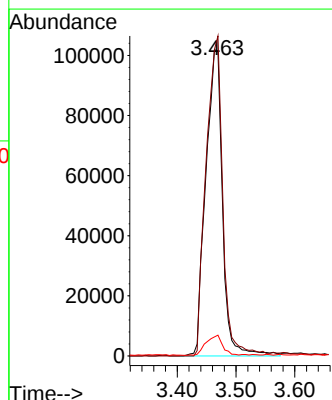
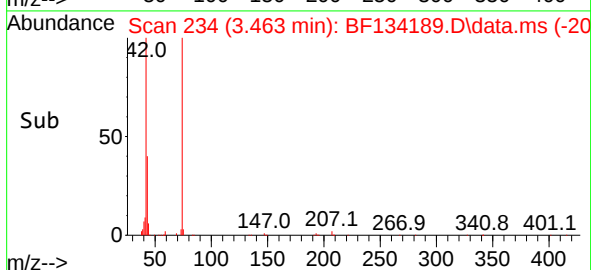
Tgt Ion: 79 Resp: 301250
Ion Ratio Lower Upper
79 100
52 81.9 71.1 106.7
51 41.6 35.2 52.8

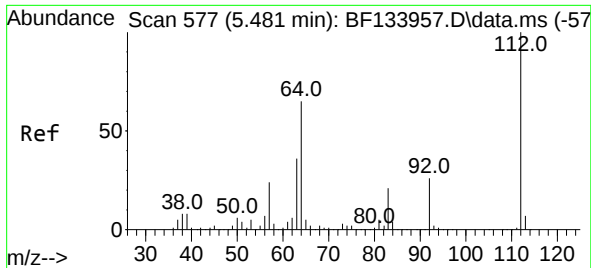


#4
n-Nitrosodimethylamine
Concen: 43.258 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.059 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion: 42 Resp: 202943
Ion Ratio Lower Upper
42 100
74 100.0 82.4 123.6
44 6.2 4.9 7.3

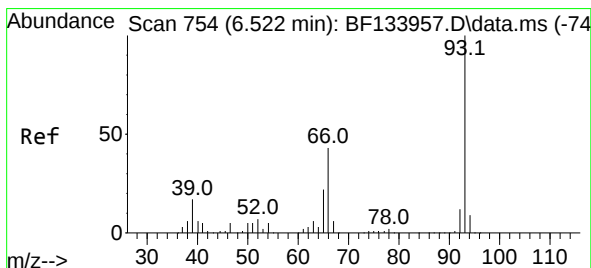
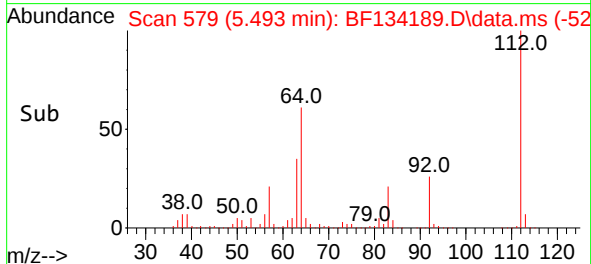
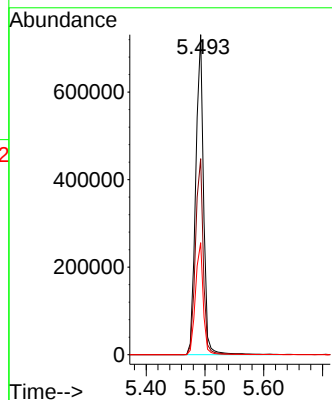
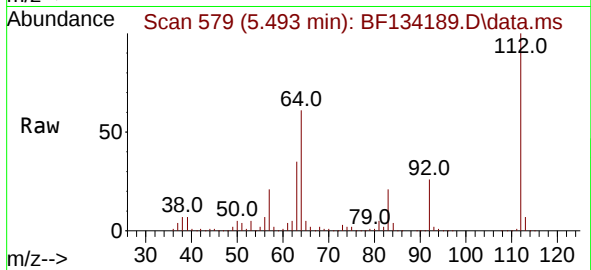




#5
2-Fluorophenol
Concen: 88.657 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

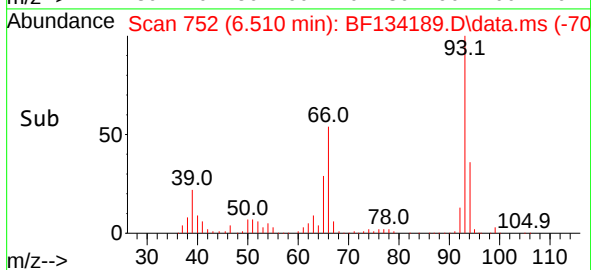
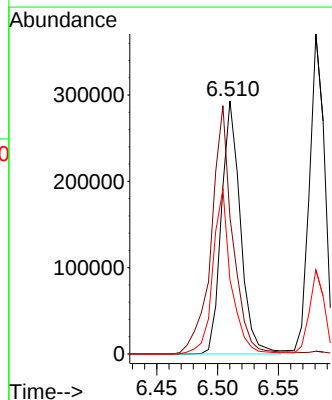
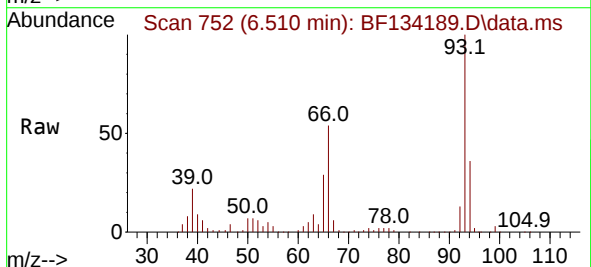
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 678060
Ion Ratio Lower Upper
112 100
64 61.2 52.1 78.1
63 35.0 28.6 42.8



#6
Aniline
Concen: 27.748 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion: 93 Resp: 317592
Ion Ratio Lower Upper
93 100
66 54.0 34.5 51.7#
65 29.3 17.8 26.6#





#7

Phenol-d6

Concen: 80.076 ng

RT: 6.487 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

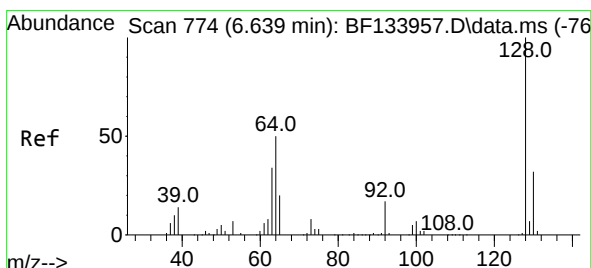
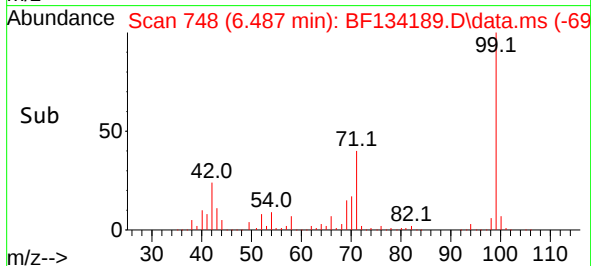
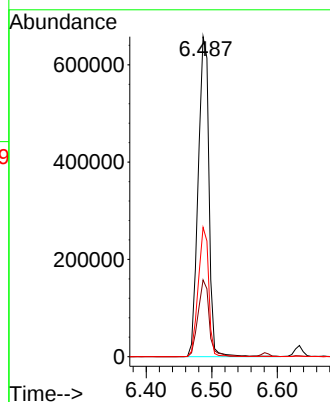
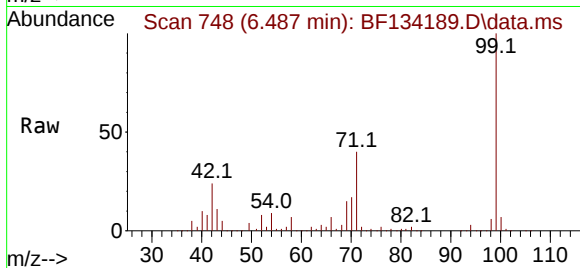
Tgt Ion: 99 Resp: 753177

Ion Ratio Lower Upper

99 100

42 24.0 19.8 29.6

71 40.4 31.9 47.9



#8

2-Chlorophenol

Concen: 46.375 ng

RT: 6.634 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

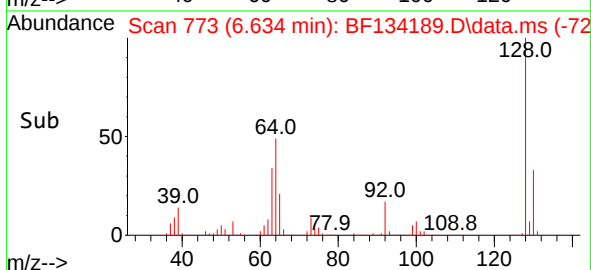
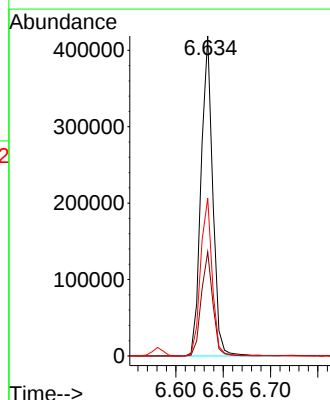
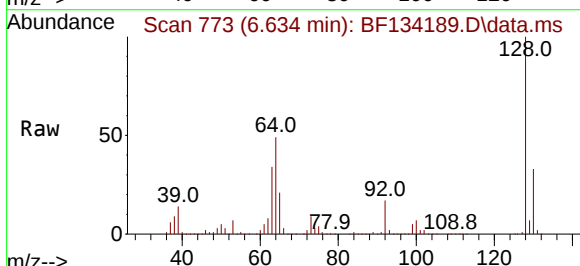
Tgt Ion:128 Resp: 360047

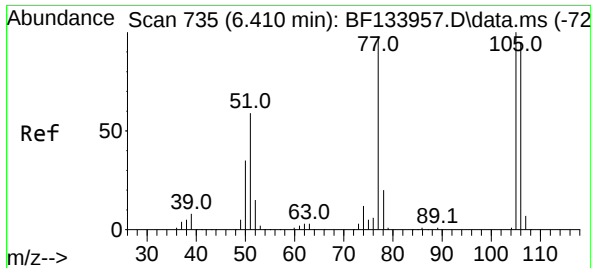
Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 49.4 31.3 71.3

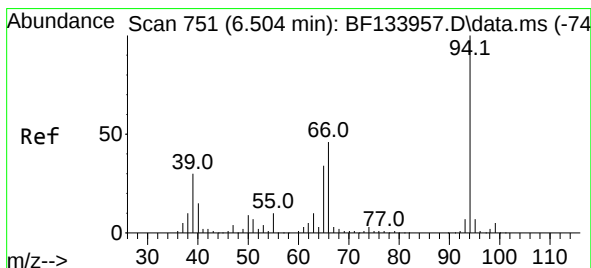
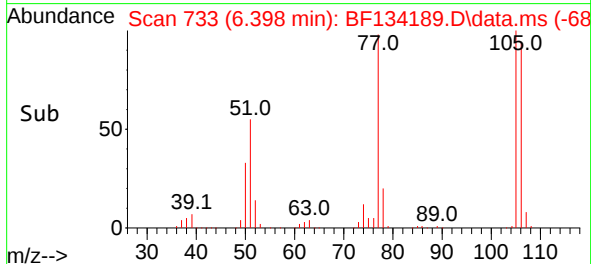
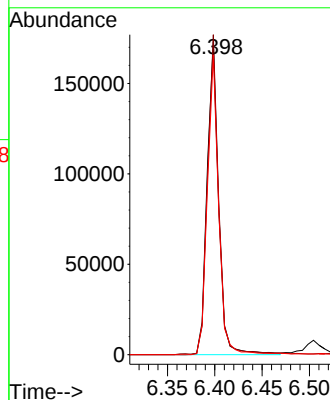
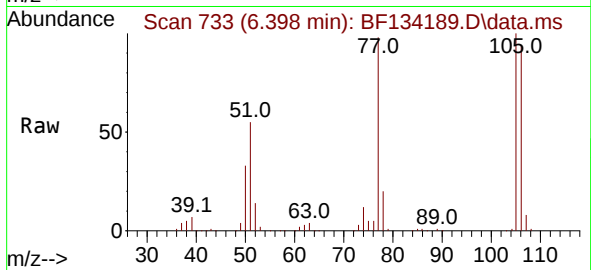




#9
Benzaldehyde
Concen: 25.559 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

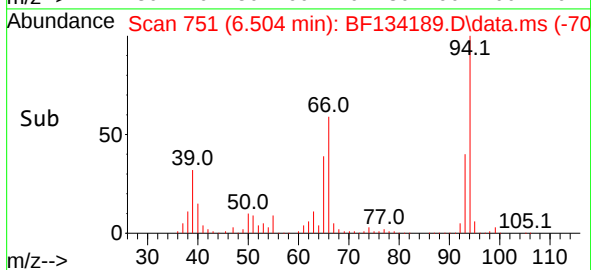
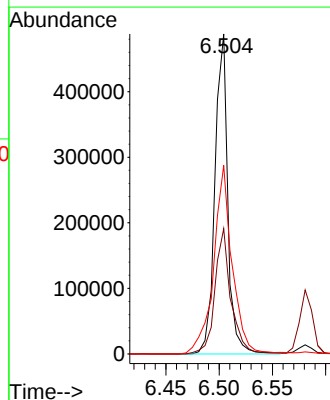
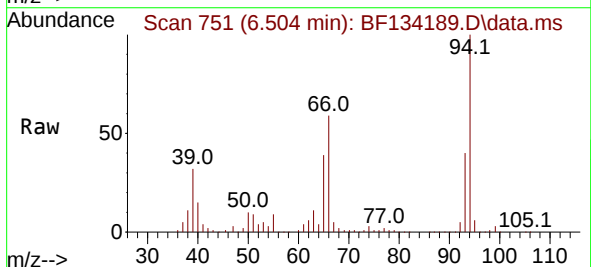
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BNA_F
ClientSampleId :

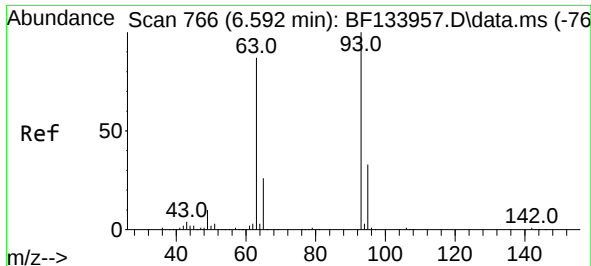
Tgt Ion: 77 Resp: 145596
Ion Ratio Lower Upper
77 100
105 102.1 82.0 122.0
106 95.7 76.9 116.9



#10
Phenol
Concen: 41.612 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

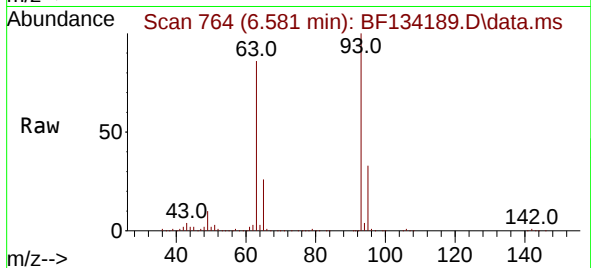
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Ion Ratio Lower Upper
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65 39.1 14.2 54.2
66 59.0 26.4 66.4



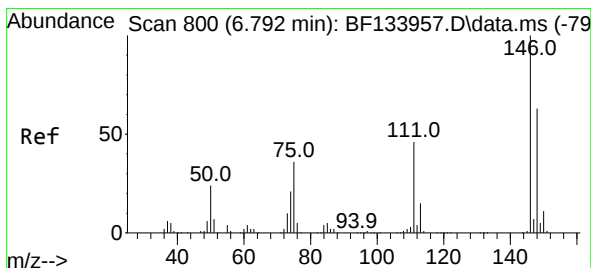
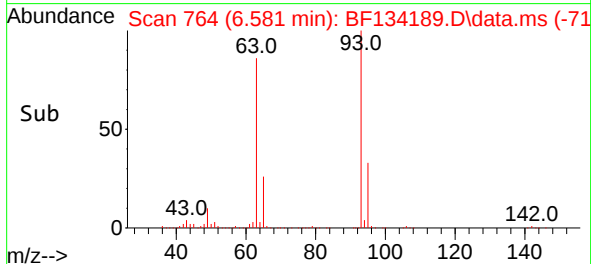
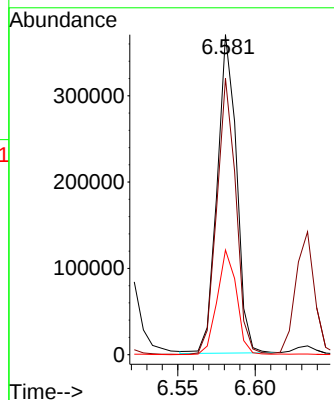


#11
bis(2-Chloroethyl)ether
Concen: 44.158 ng
RT: 6.581 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

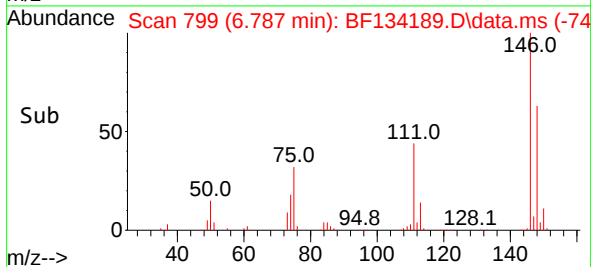
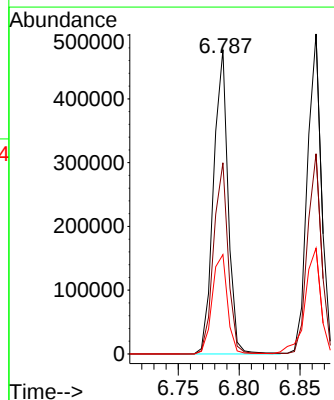
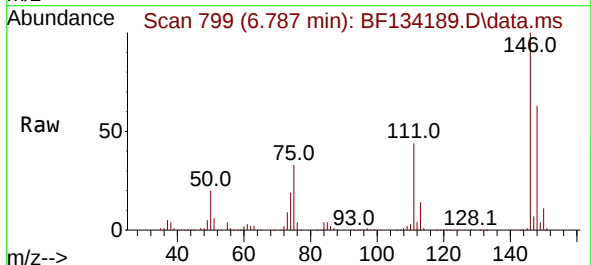


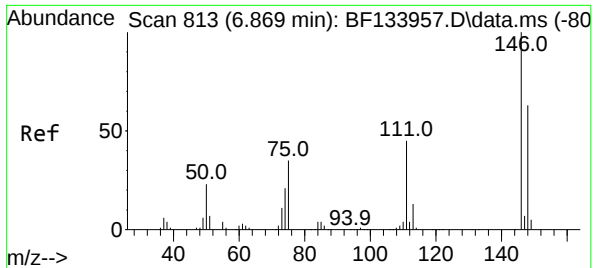
Tgt Ion: 93 Resp: 321508
Ion Ratio Lower Upper
93 100
63 86.3 66.5 106.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.034 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:146 Resp: 397580
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 32.6 29.0 43.6

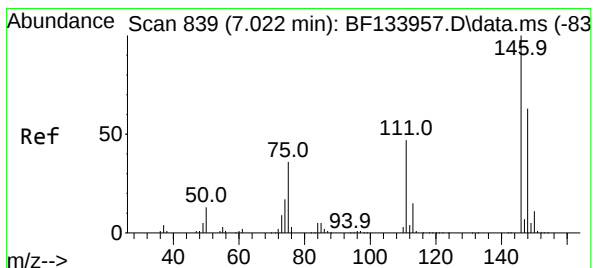
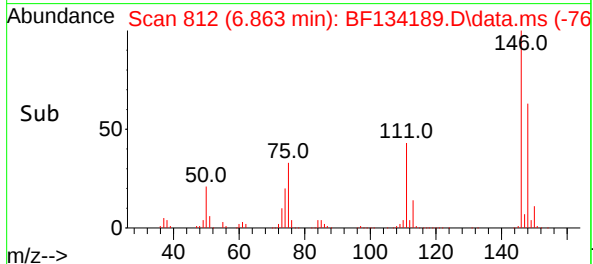
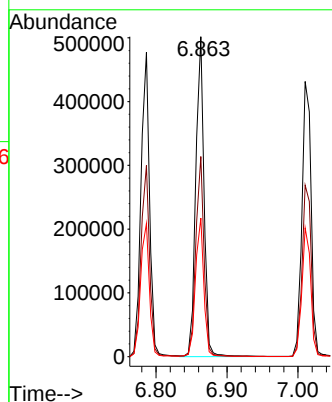
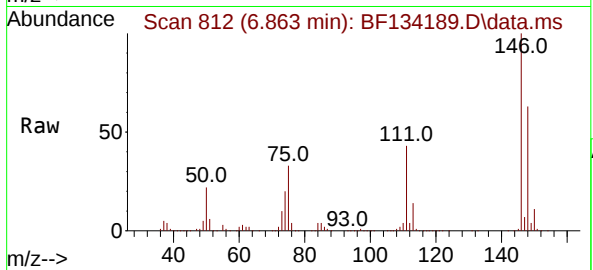




#13
1,4-Dichlorobenzene
Concen: 48.836 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

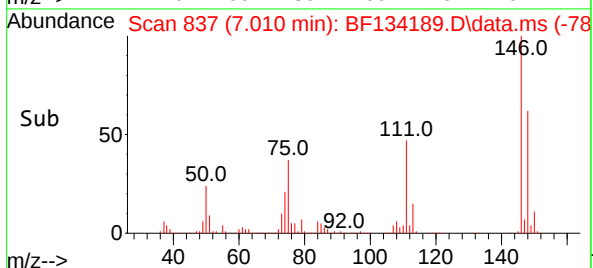
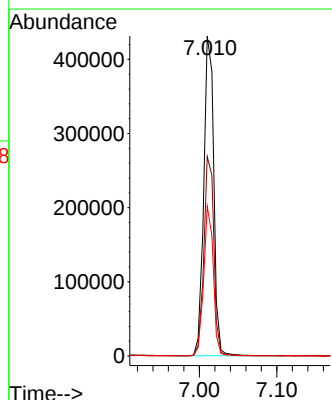
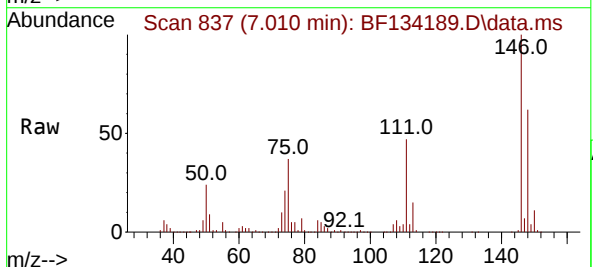
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 408282
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 43.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 49.408 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:146 Resp: 386856
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
111 46.8 38.0 57.0

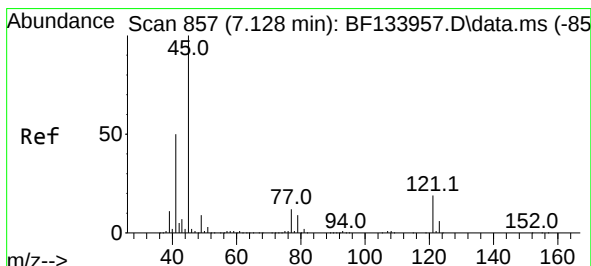
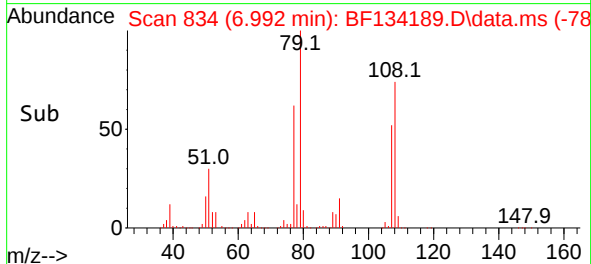
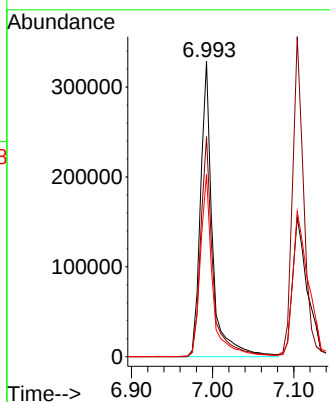
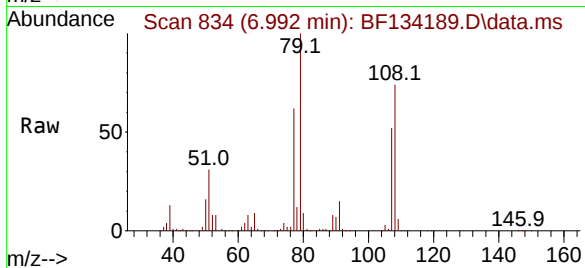




#15
Benzyl Alcohol
Concen: 46.316 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

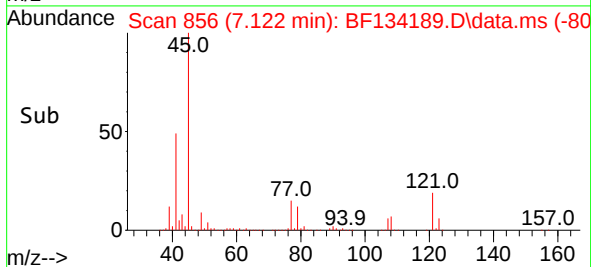
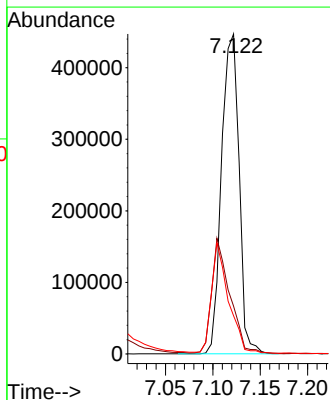
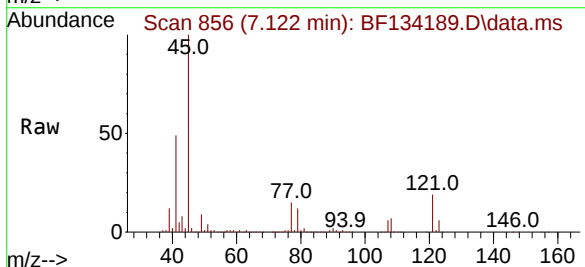
Instrument :
BNA_F
ClientSampleId :

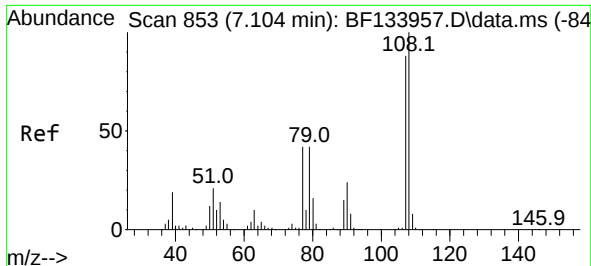
Tgt Ion: 79 Resp: 335833
Ion Ratio Lower Upper
79 100
108 74.5 60.7 91.1
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.677 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

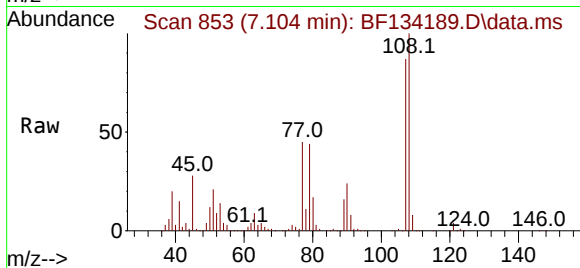
Tgt Ion: 45 Resp: 575474
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.9
79 11.9 0.0 29.5



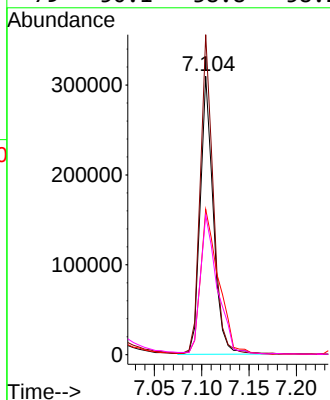
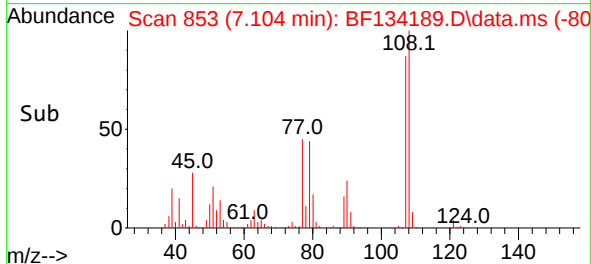


#17
2-Methylphenol
Concen: 42.870 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

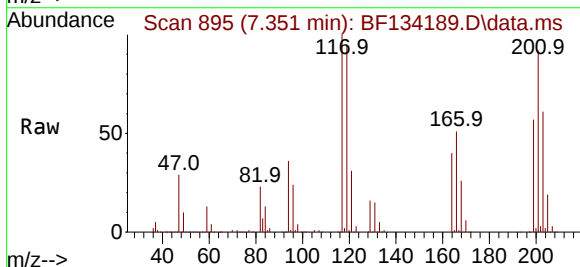
Instrument :
BNA_F
ClientSampleId :



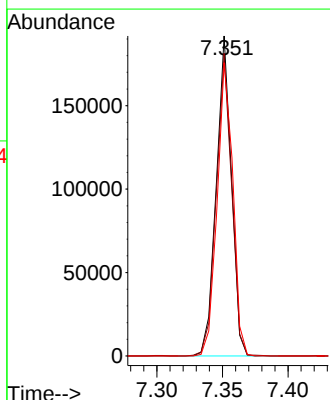
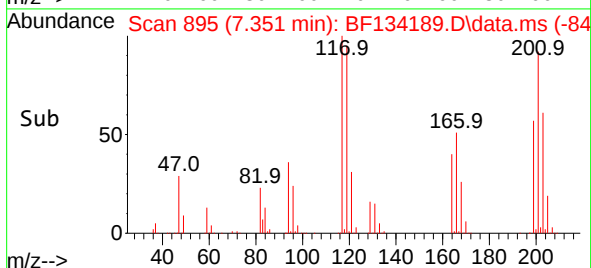
Tgt Ion:	107	Resp:	298044
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.6	136.0
77	52.2	38.3	57.5
79	50.1	38.8	58.2

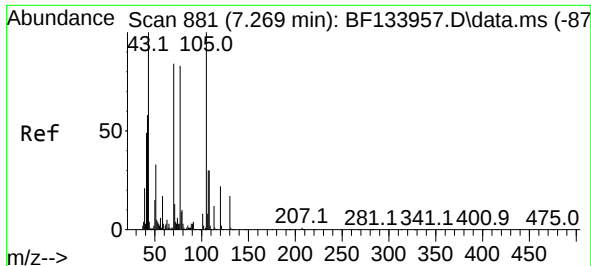


#18
Hexachloroethane
Concen: 49.818 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



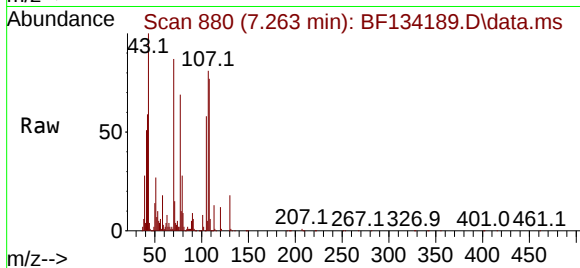
Tgt Ion:	117	Resp:	154432
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.2	111.4
201	91.7	77.2	115.8



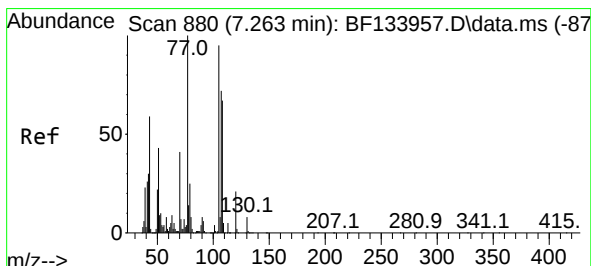
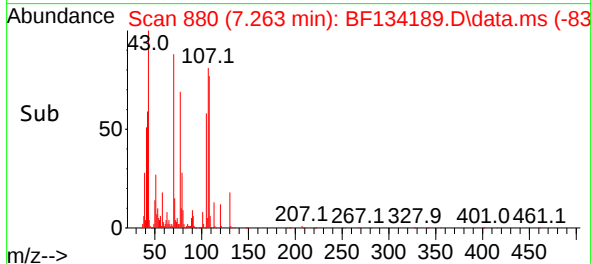
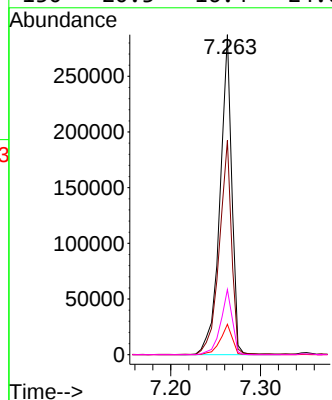


#19
n-Nitroso-di-n-propylamine
Concen: 44.019 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

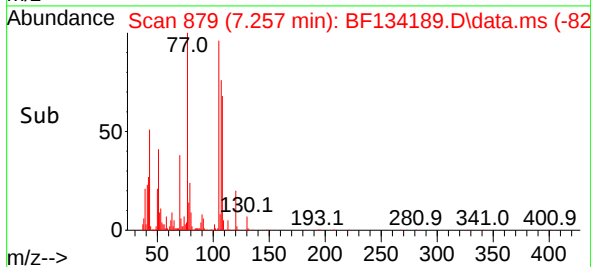
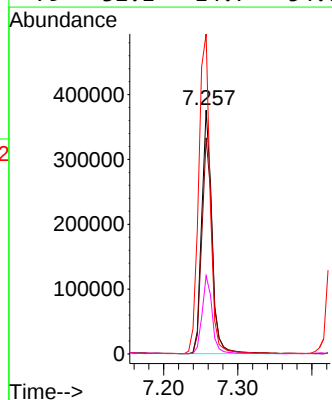
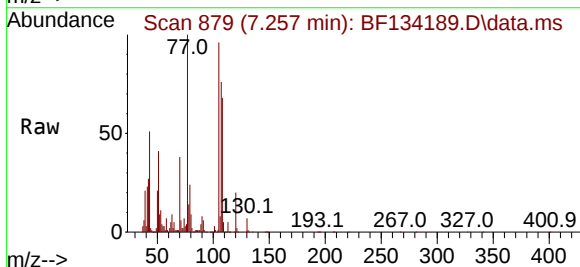


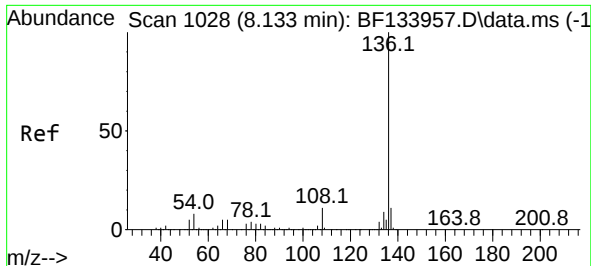
Tgt Ion:	70	Resp:	262563
Ion	Ratio	Lower	Upper
70	100		
42	67.0	54.7	82.1
101	9.5	7.7	11.5
130	20.3	16.4	24.6



#20
3+4-Methylphenols
Concen: 42.599 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

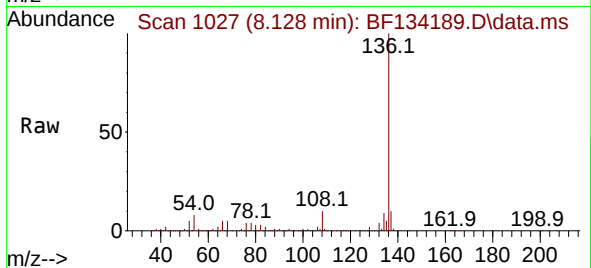
Tgt Ion:	107	Resp:	359291
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.2	113.2
77	131.2	118.3	158.3
79	32.1	14.7	54.7





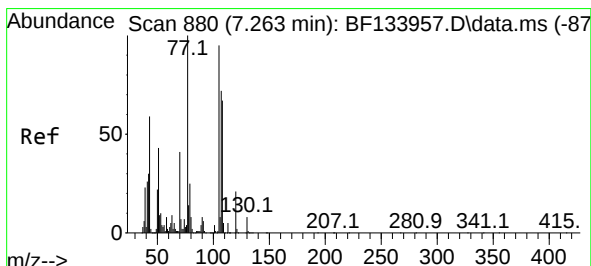
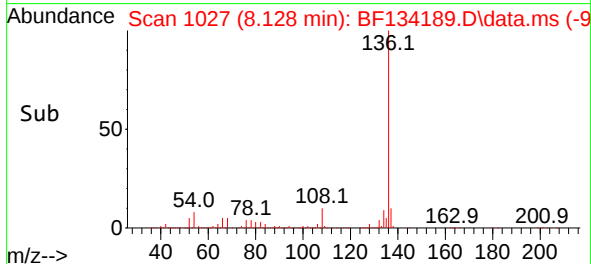
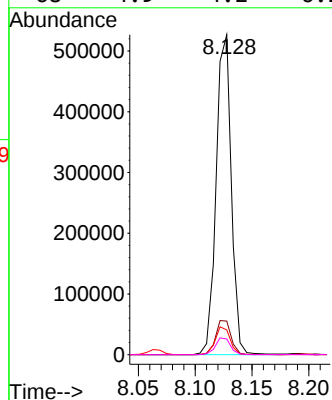
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 489613

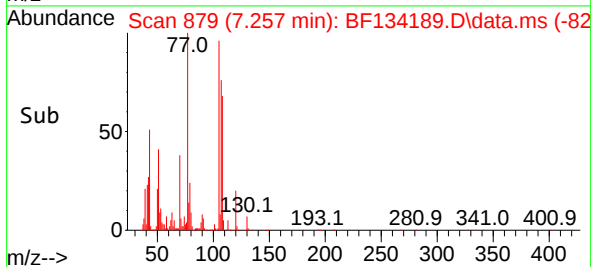
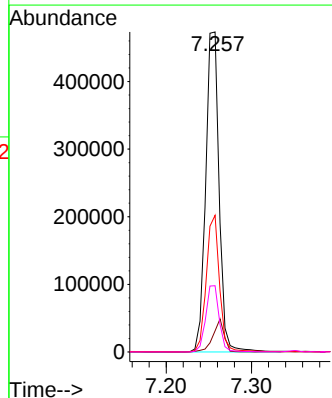
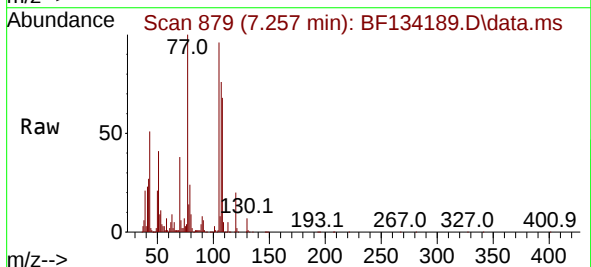
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.8	6.5	9.7
68	4.9	4.2	6.2

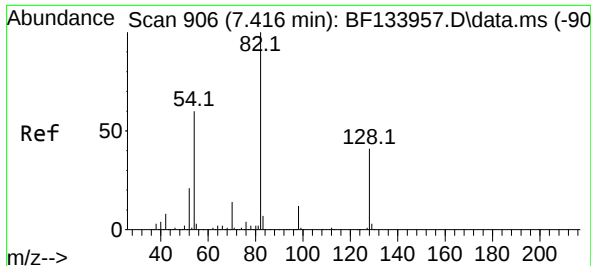


#22
Acetophenone
Concen: 46.620 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:105 Resp: 519118

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.5	8.3
51	42.7	36.5	54.7
120	20.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 89.757 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

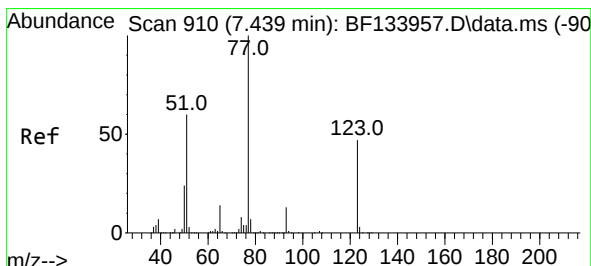
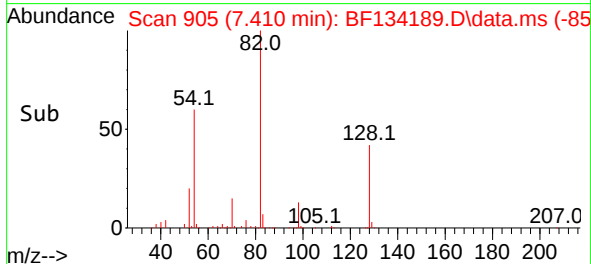
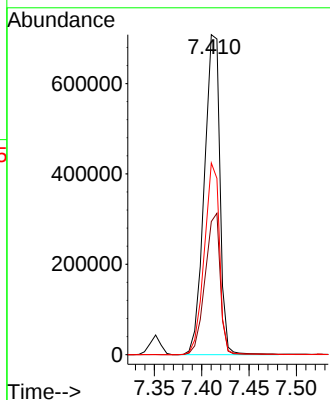
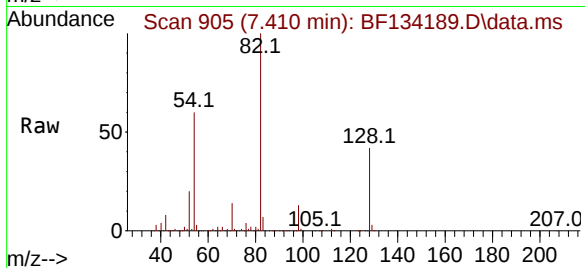
Tgt Ion: 82 Resp: 815249

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 59.9 48.2 72.2



#24

Nitrobenzene

Concen: 44.278 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

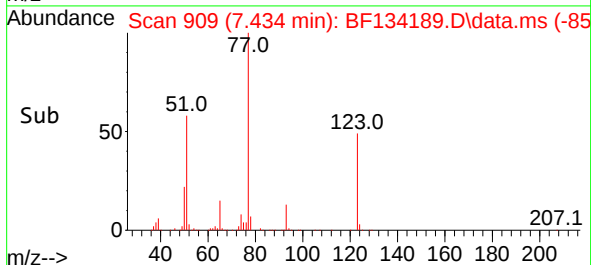
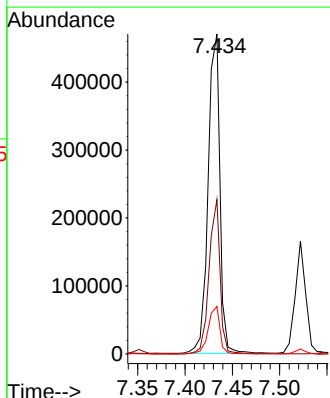
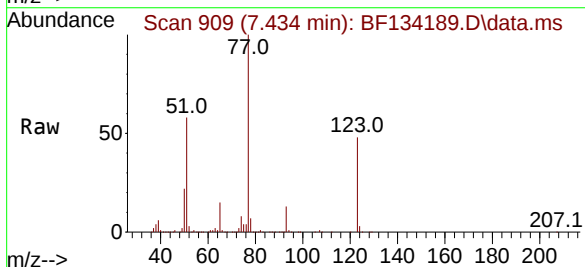
Tgt Ion: 77 Resp: 406404

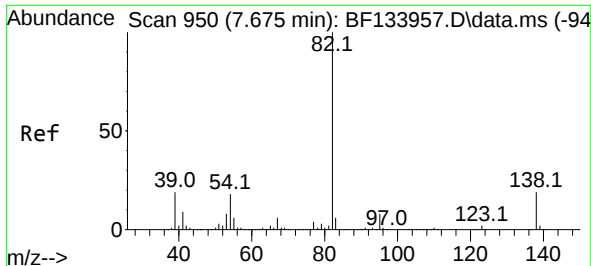
Ion Ratio Lower Upper

77 100

123 48.2 37.8 56.6

65 14.8 11.3 16.9

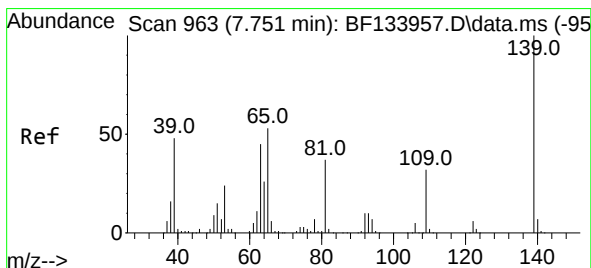
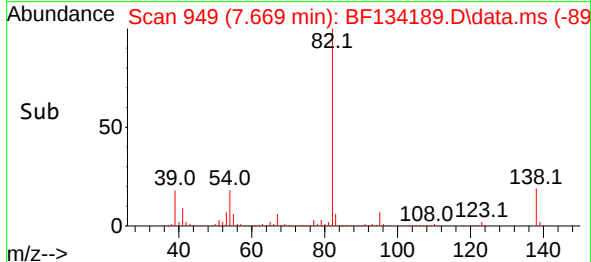
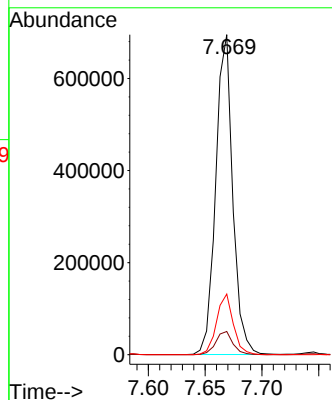
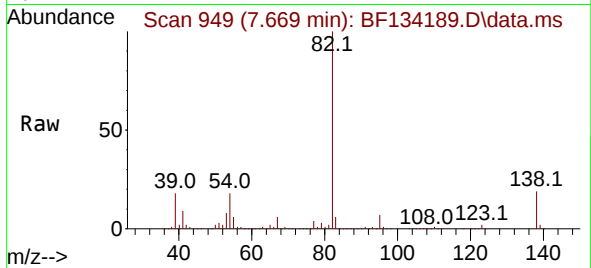




#25
Isophorone
Concen: 43.869 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

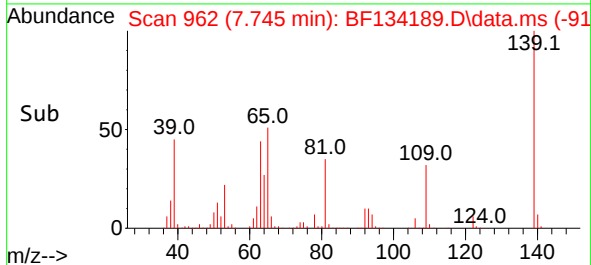
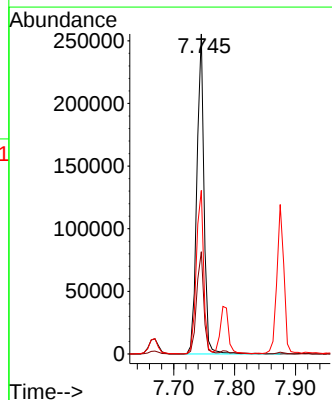
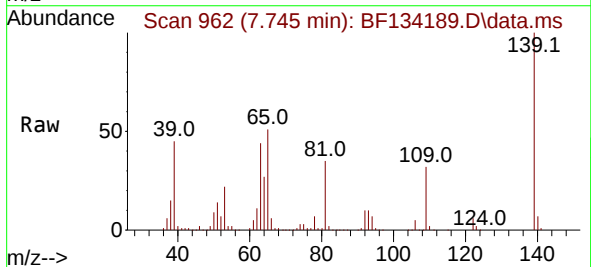
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 724170
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 18.9 15.2 22.8



#26
2-Nitrophenol
Concen: 47.668 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

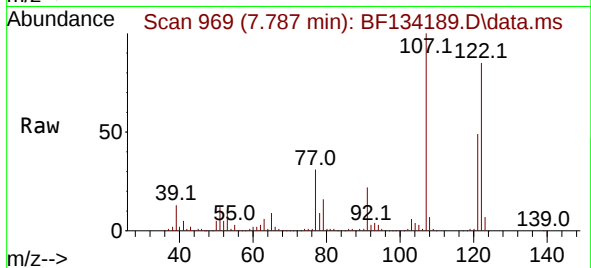
Tgt Ion:139 Resp: 209883
Ion Ratio Lower Upper
139 100
109 32.0 25.8 38.8
65 51.1 42.4 63.6



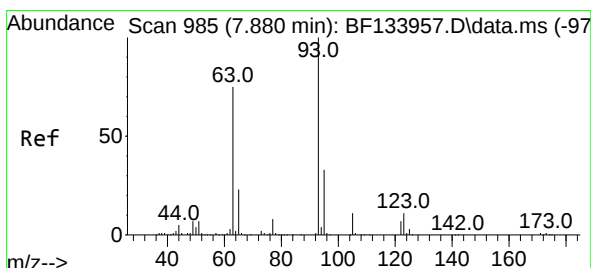
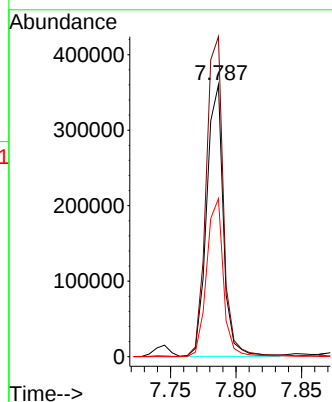
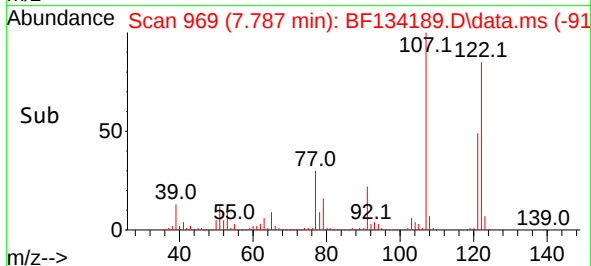


#27
2,4-Dimethylphenol
Concen: 45.861 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

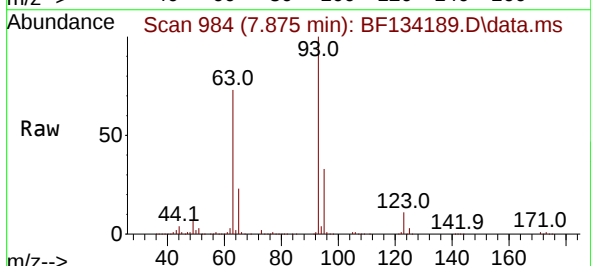
Instrument :
BNA_F
ClientSampleId :



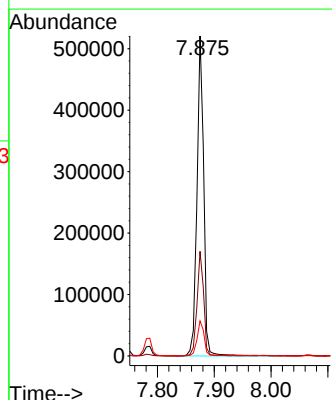
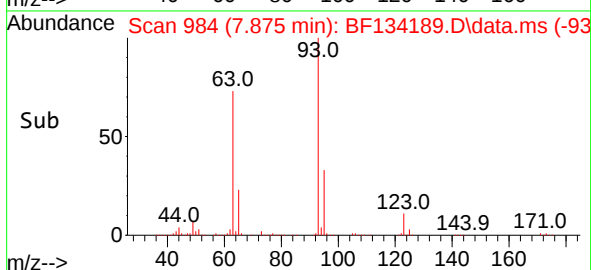
Tgt Ion:122 Resp: 319638
Ion Ratio Lower Upper
122 100
107 117.7 95.5 143.3
121 58.2 45.5 68.3

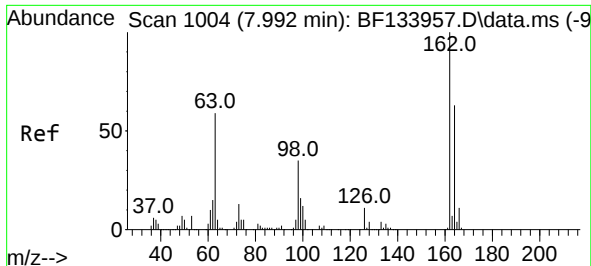


#28
bis(2-Chloroethoxy)methane
Concen: 45.236 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion: 93 Resp: 432383
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.287 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

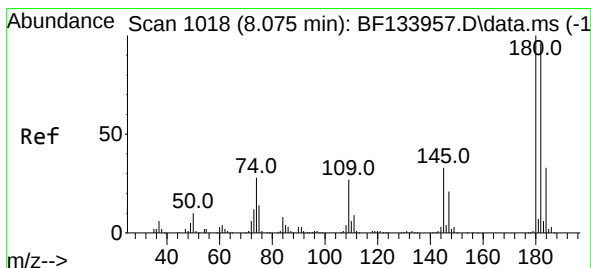
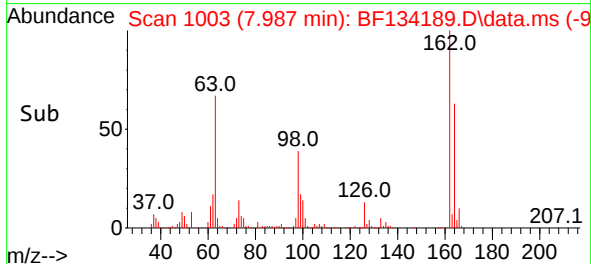
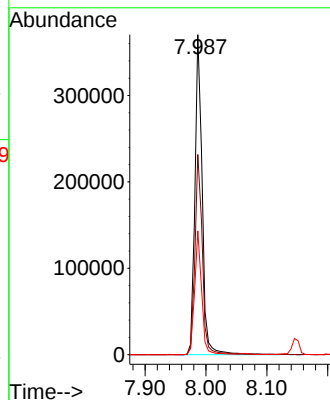
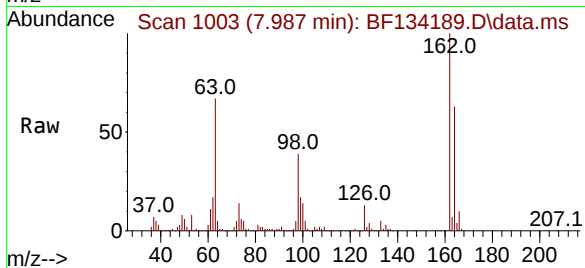
Tgt Ion:162 Resp: 306080

Ion Ratio Lower Upper

162 100

164 62.5 43.2 83.2

98 38.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.532 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

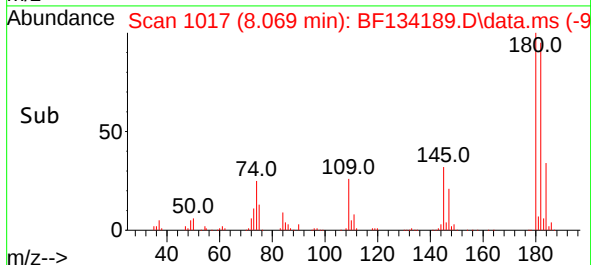
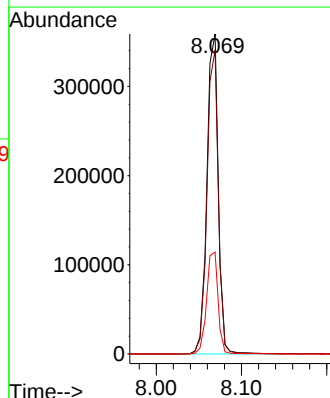
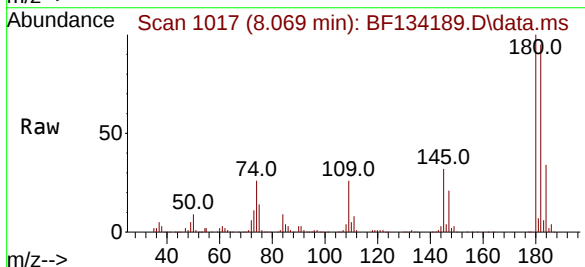
Tgt Ion:180 Resp: 331831

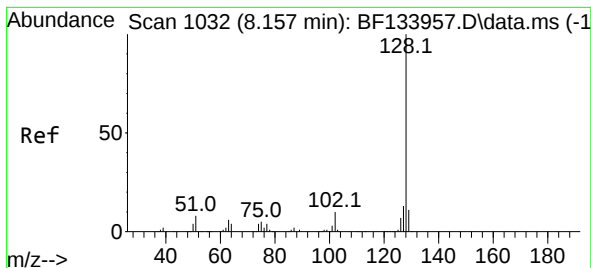
Ion Ratio Lower Upper

180 100

182 95.0 77.1 115.7

145 31.8 26.0 39.0





#31

Naphthalene

Concen: 43.598 ng

RT: 8.145 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

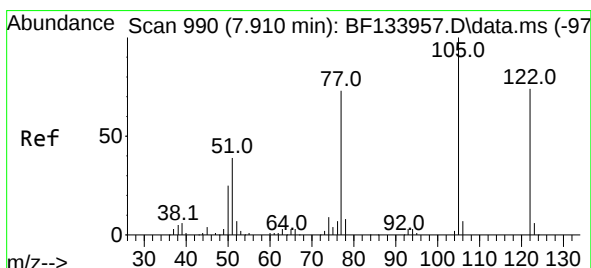
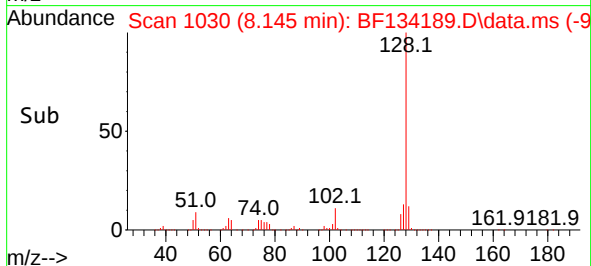
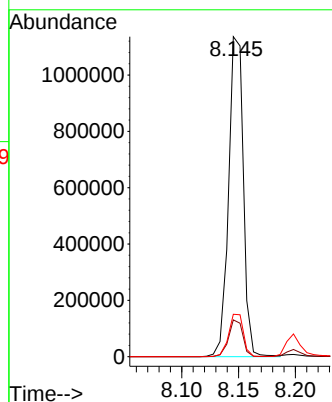
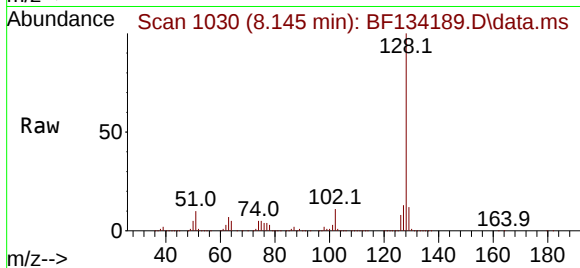
Tgt Ion:128 Resp: 1031079

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 12.933 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

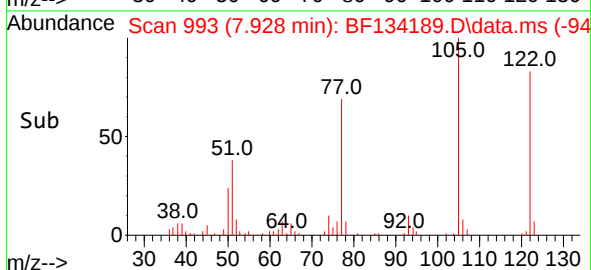
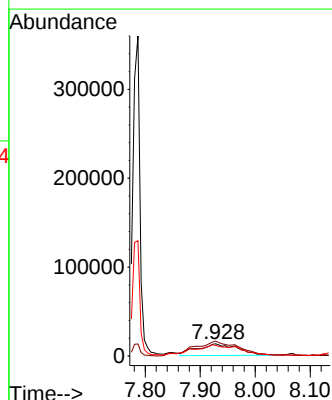
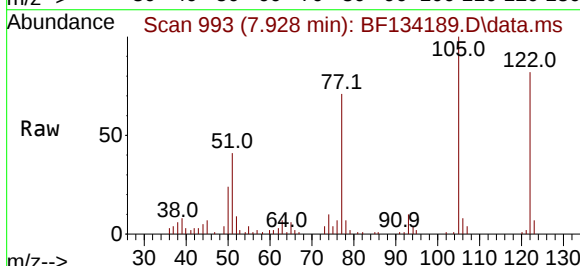
Tgt Ion:122 Resp: 67543

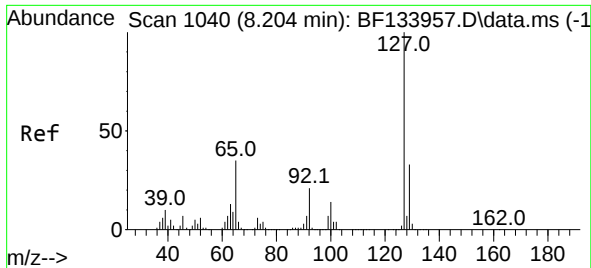
Ion Ratio Lower Upper

122 100

105 122.5 109.7 149.7

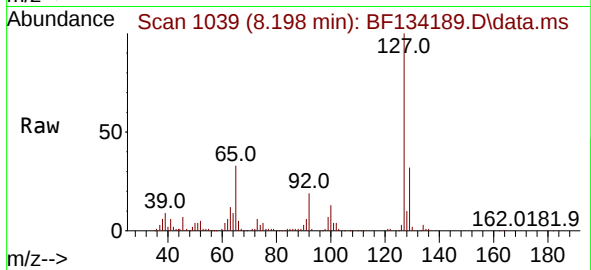
77 87.5 76.0 116.0



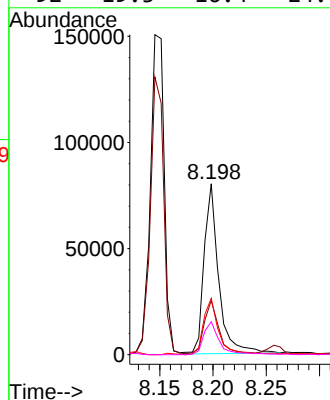
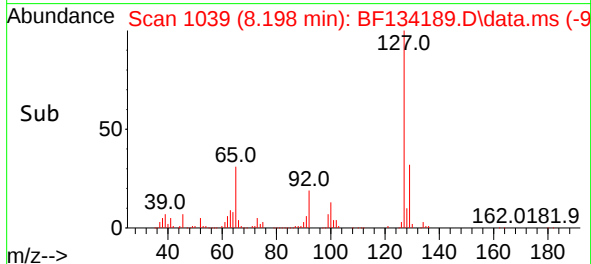


#33
4-Chloroaniline
Concen: 7.572 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

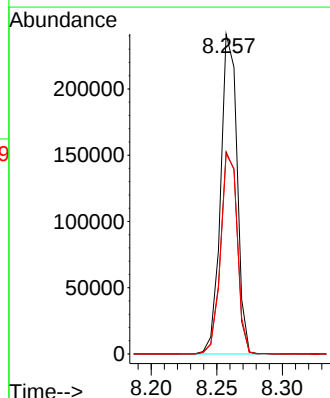
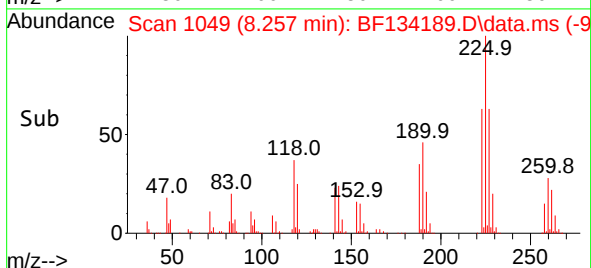
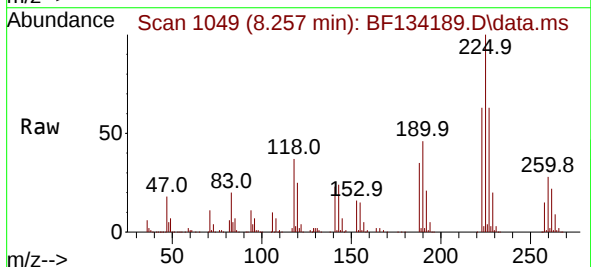


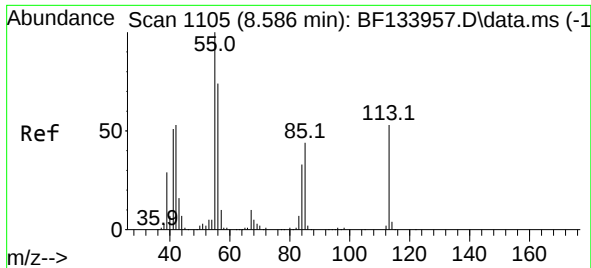
Tgt Ion:	127	Resp:	76604
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	33.0	27.8	41.8
92	19.3	16.4	24.6



#34
Hexachlorobutadiene
Concen: 46.613 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:	225	Resp:	209686
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	62.5	51.0	76.4

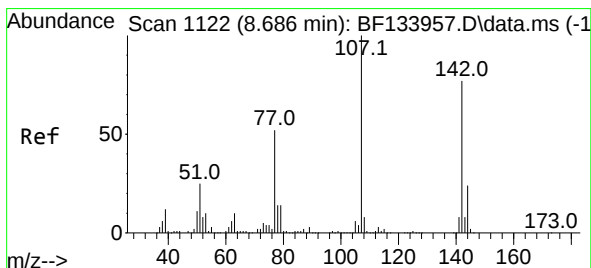
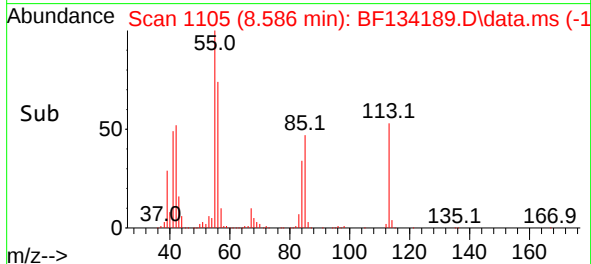
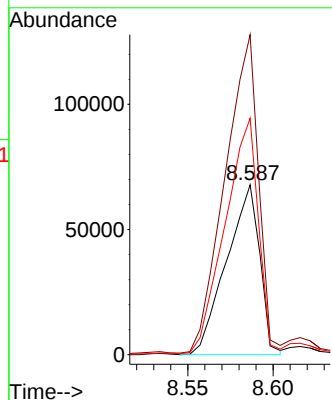
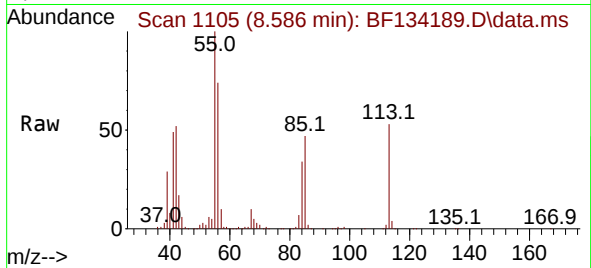




#35
 Caprolactam
 Concen: 40.234 ng
 RT: 8.586 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

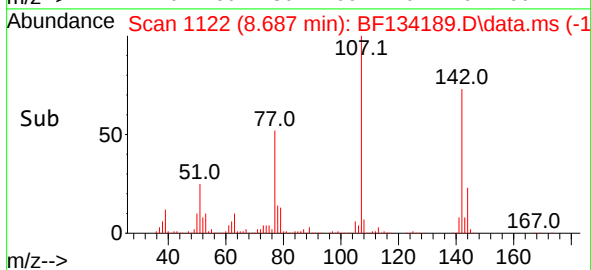
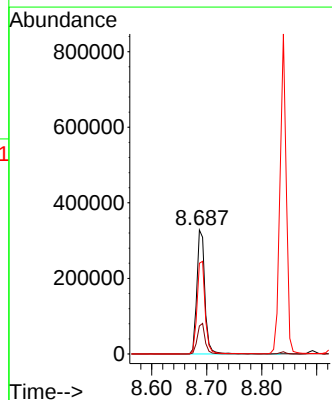
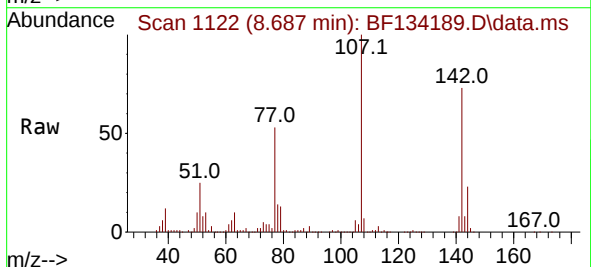
Instrument :
 BNA_F
 ClientSampleId :

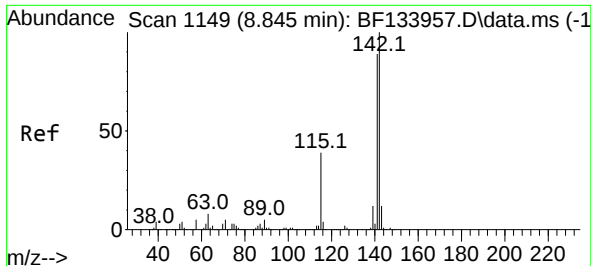
Tgt Ion:113 Resp: 91557
 Ion Ratio Lower Upper
 113 100
 55 188.3 170.2 210.2
 56 139.2 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.812 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

Tgt Ion:107 Resp: 332399
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.6 29.4
 142 73.2 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.436 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

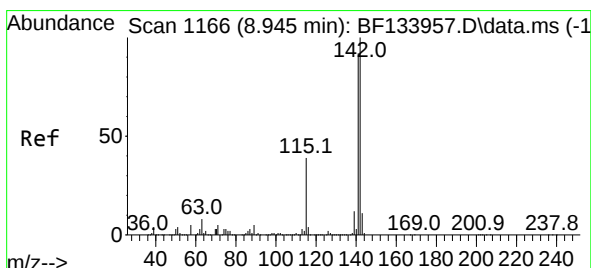
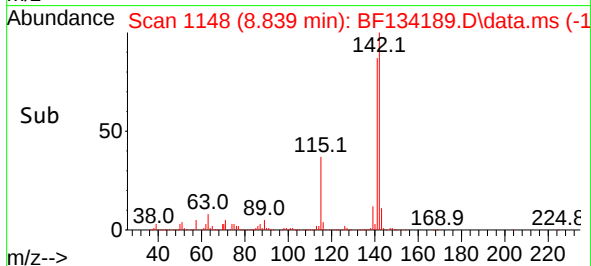
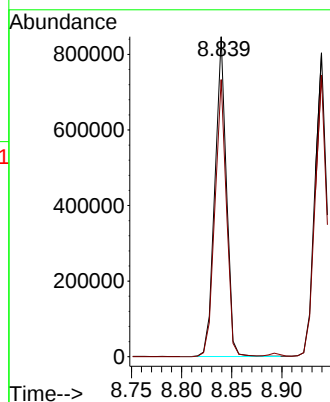
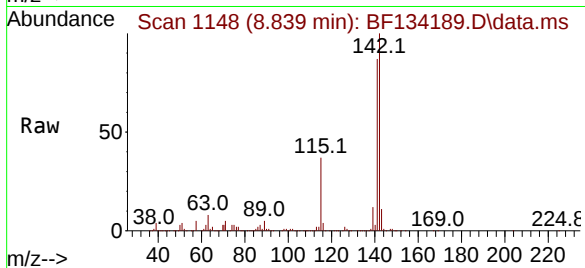
ClientSampleId :

Tgt Ion:142 Resp: 676263

Ion Ratio Lower Upper

142 100

141 86.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.427 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134189.D

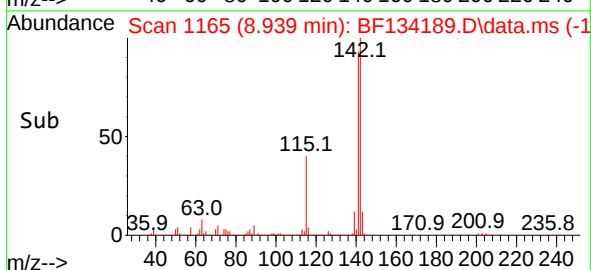
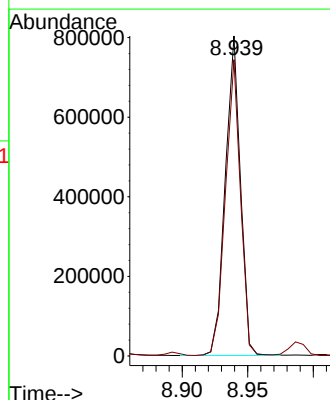
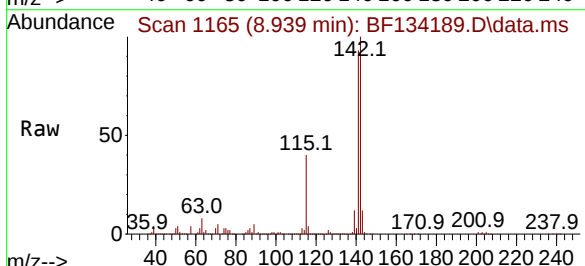
Acq: 10 Jul 2023 16:42

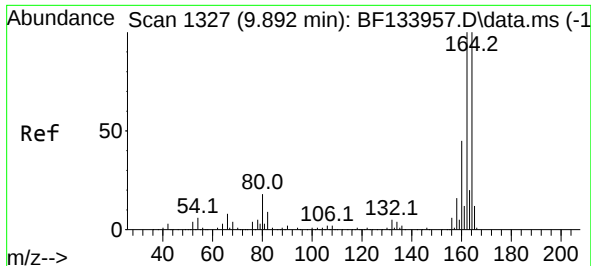
Tgt Ion:142 Resp: 644087

Ion Ratio Lower Upper

142 100

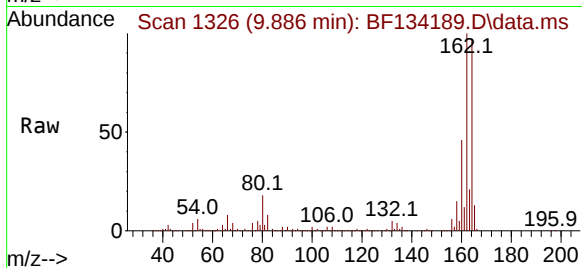
141 92.6 73.5 110.3



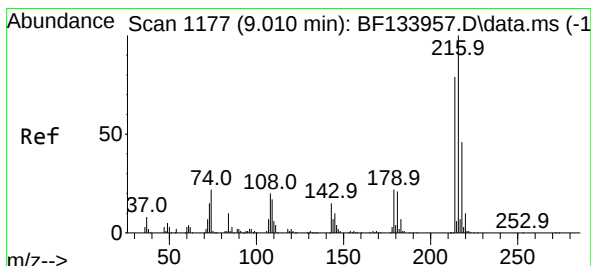
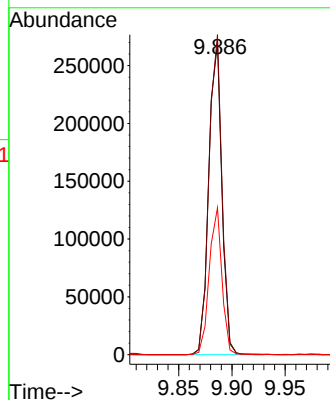
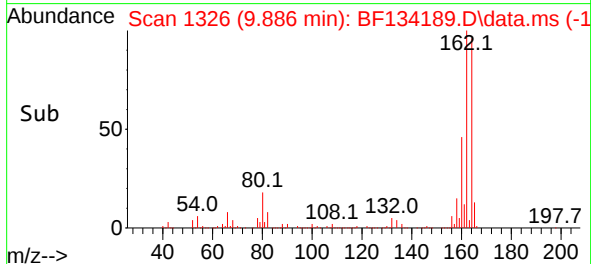


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

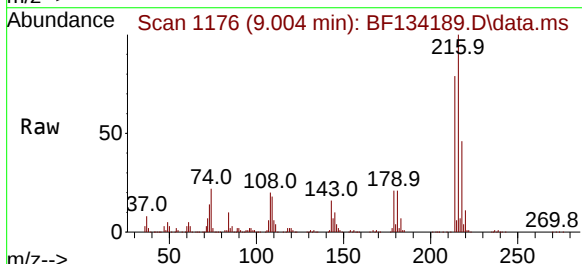
Instrument :
BNA_F
ClientSampleId :



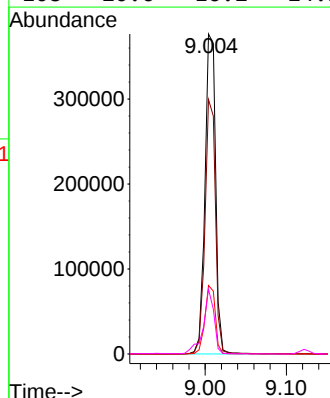
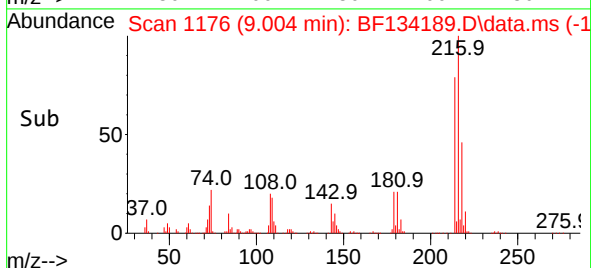
Tgt Ion:164 Resp: 232698
Ion Ratio Lower Upper
164 100
162 102.7 80.0 120.0
160 47.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.674 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



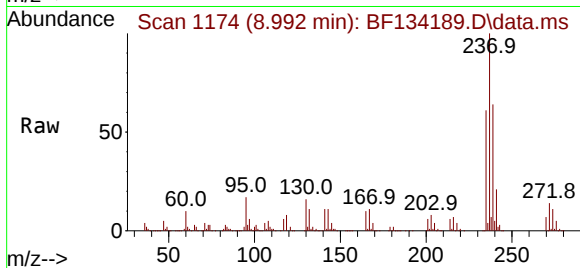
Tgt Ion:216 Resp: 342452
Ion Ratio Lower Upper
216 100
214 78.0 64.1 96.1
179 20.9 17.3 25.9
108 20.6 16.2 24.2



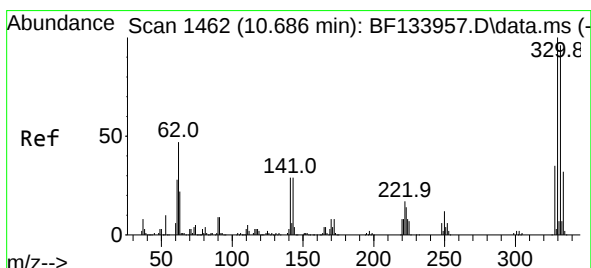
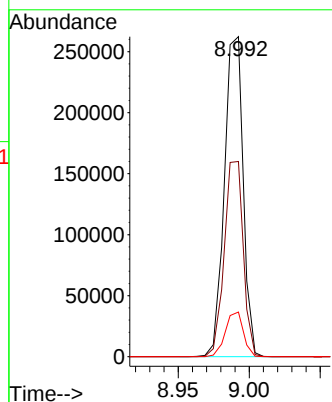
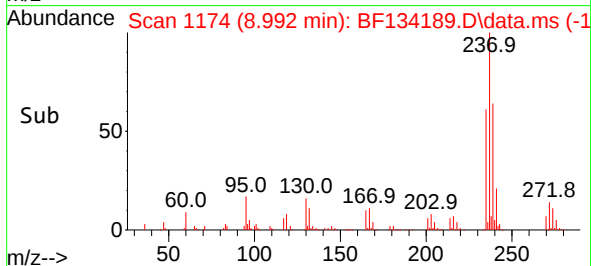


#41
Hexachlorocyclopentadiene
Concen: 73.804 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

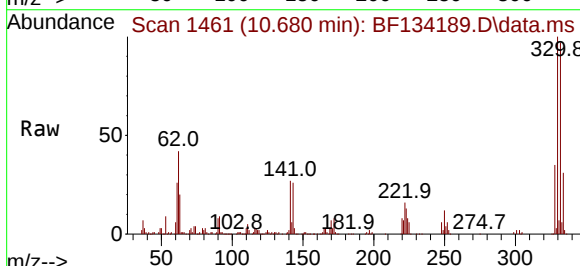
Instrument :
BNA_F
ClientSampleId :



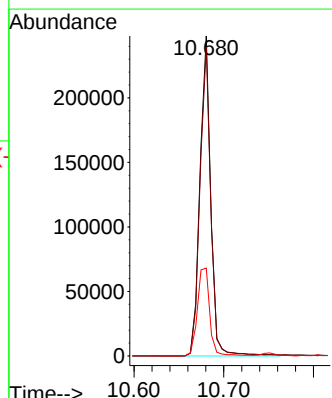
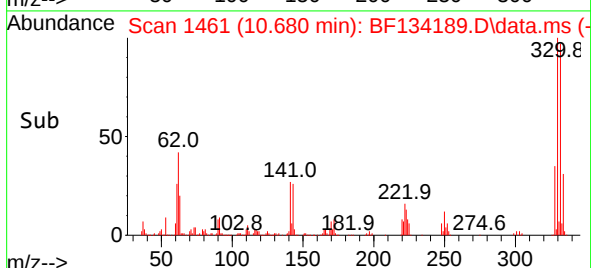
Tgt Ion:237 Resp: 241389
Ion Ratio Lower Upper
237 100
235 61.0 42.8 82.8
272 14.0 0.0 34.6

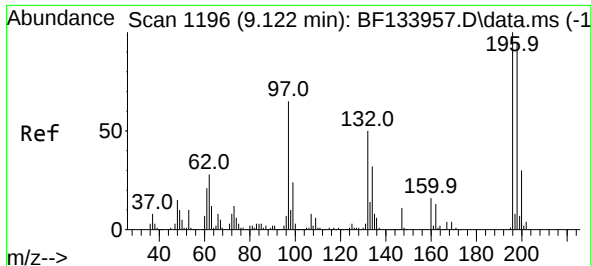


#42
2,4,6-Tribromophenol
Concen: 71.226 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion:330 Resp: 207808
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 31.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 45.243 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

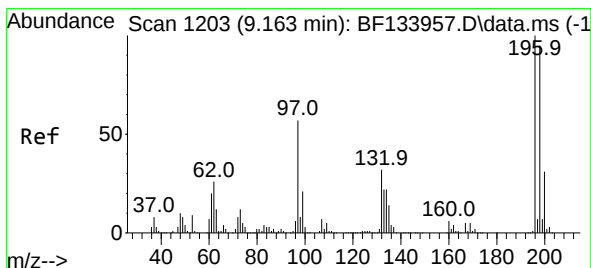
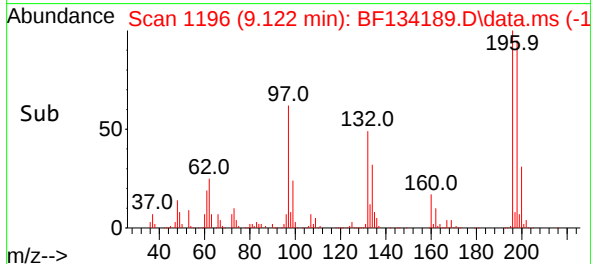
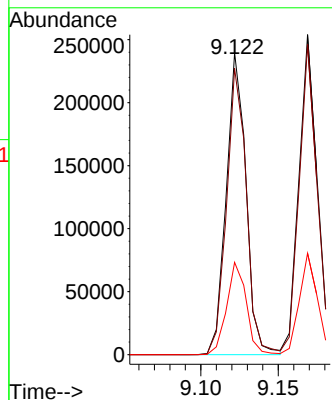
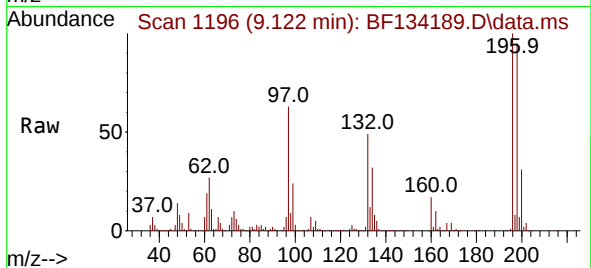
Tgt Ion:196 Resp: 212329

Ion Ratio Lower Upper

196 100

198 94.8 75.6 113.4

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.545 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Tgt Ion:196 Resp: 218304

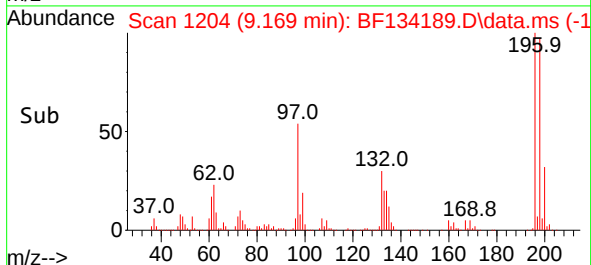
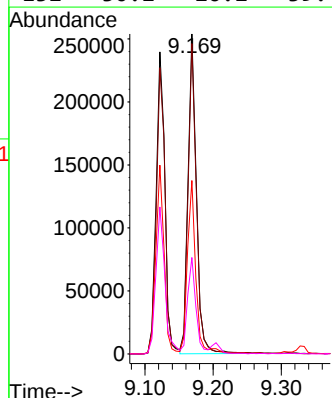
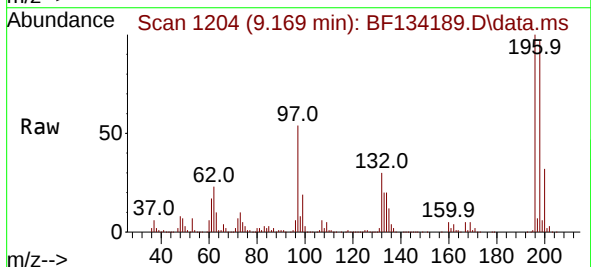
Ion Ratio Lower Upper

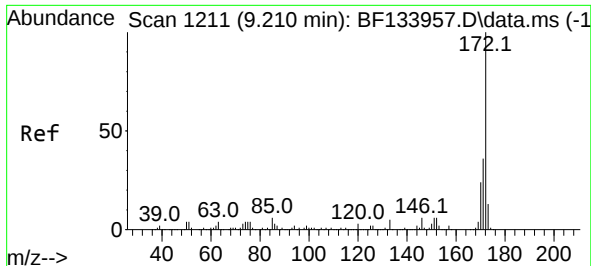
196 100

198 97.0 75.7 113.5

97 54.2 45.8 68.6

132 30.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 91.637 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

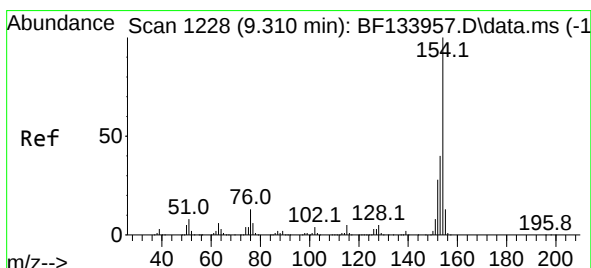
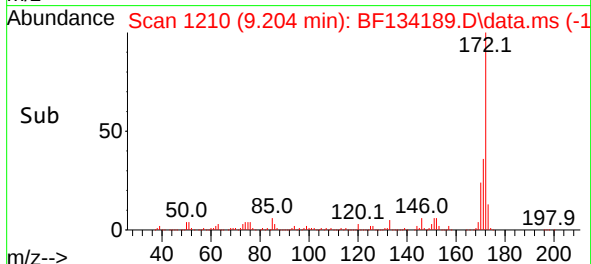
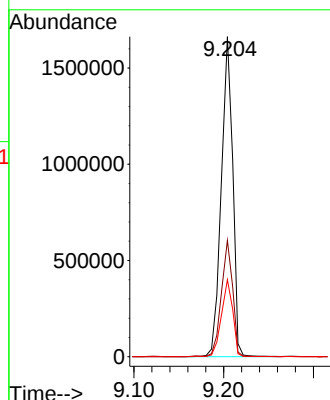
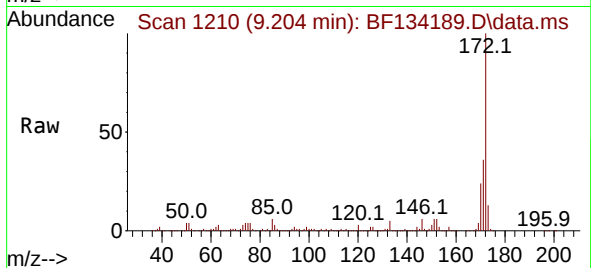
Tgt Ion:172 Resp: 1466662

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.816 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

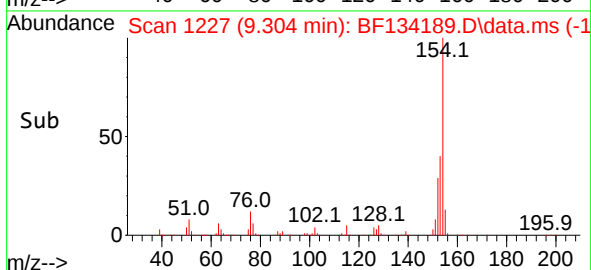
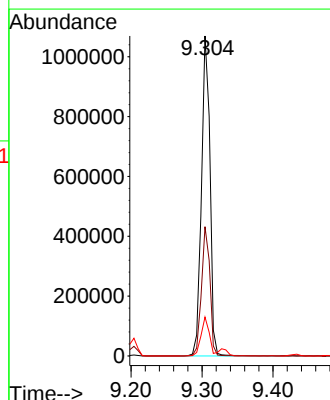
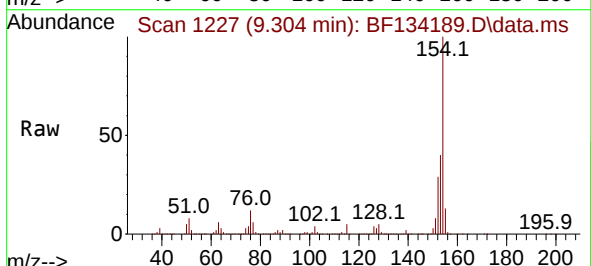
Tgt Ion:154 Resp: 892544

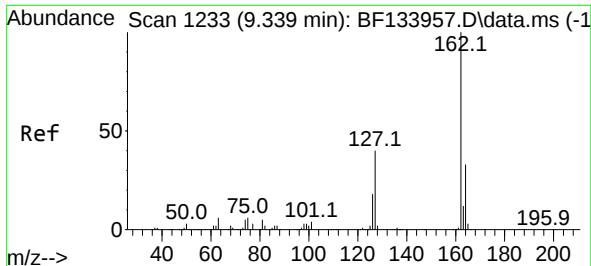
Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

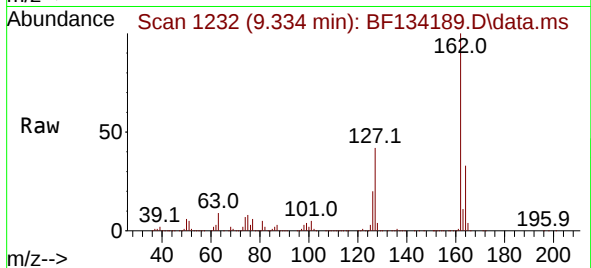
76 12.2 0.0 32.9



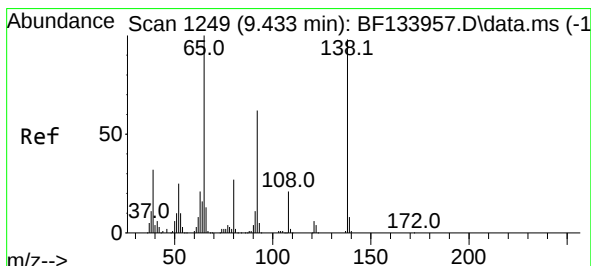
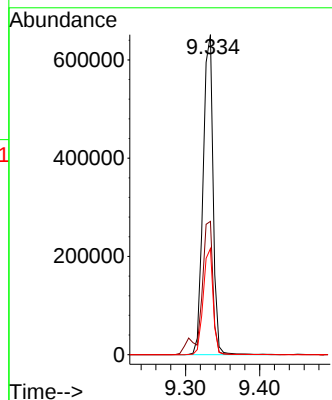
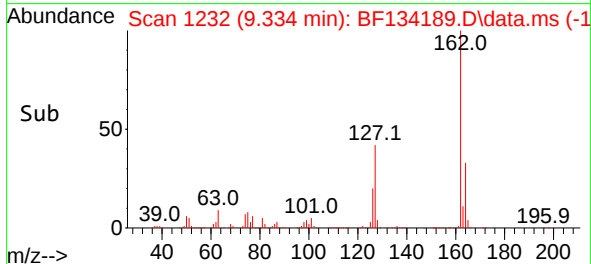


#47
2-Chloronaphthalene
Concen: 44.661 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

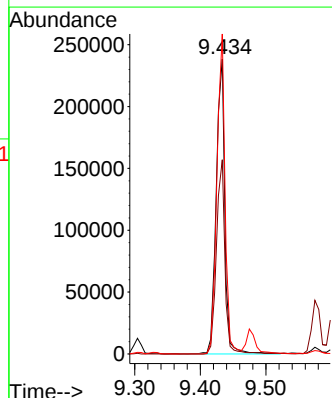
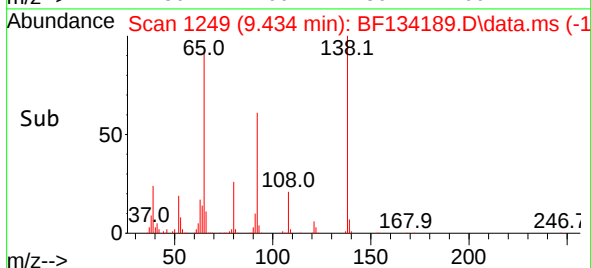
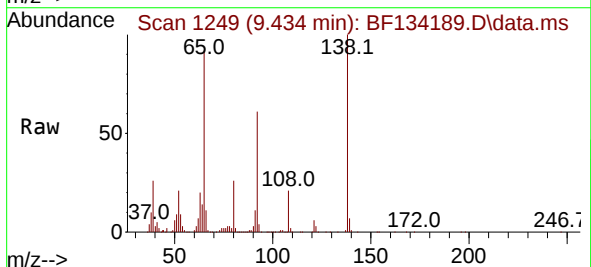


Tgt Ion:162 Resp: 609959
Ion Ratio Lower Upper
162 100
127 41.7 32.9 49.3
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.821 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion: 65 Resp: 218117
Ion Ratio Lower Upper
65 100
92 65.9 49.5 74.3
138 108.5 78.0 117.0





#49

Acenaphthylene

Concen: 43.925 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.012 min

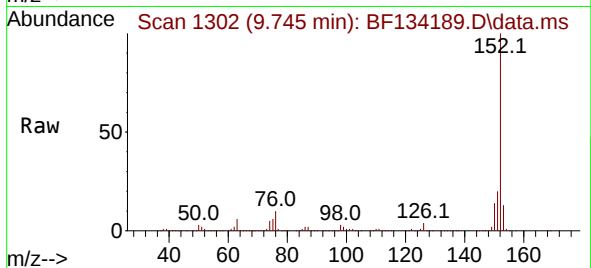
Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :



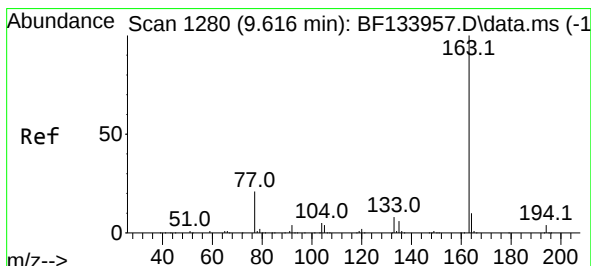
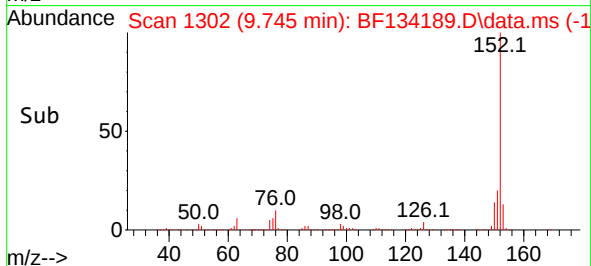
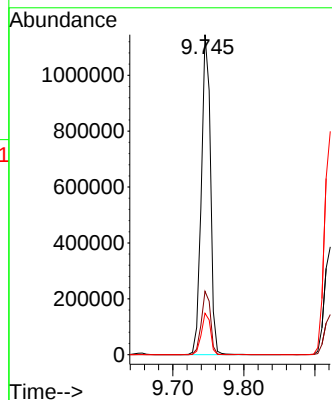
Tgt Ion:152 Resp: 1024771

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 46.158 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

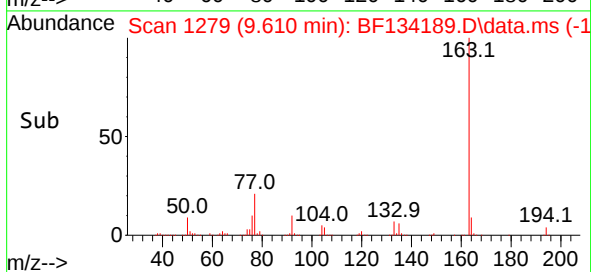
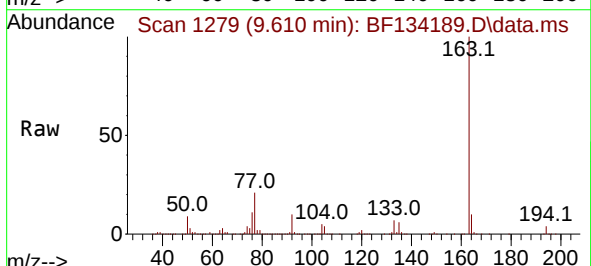
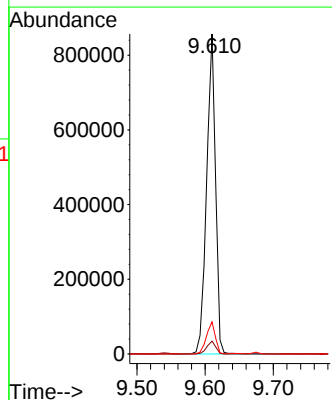
Tgt Ion:163 Resp: 779680

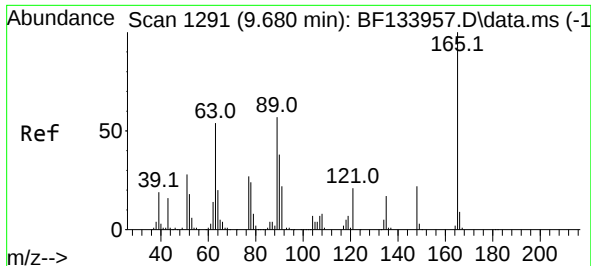
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.2 12.2

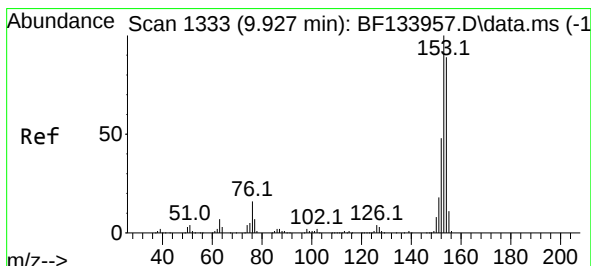
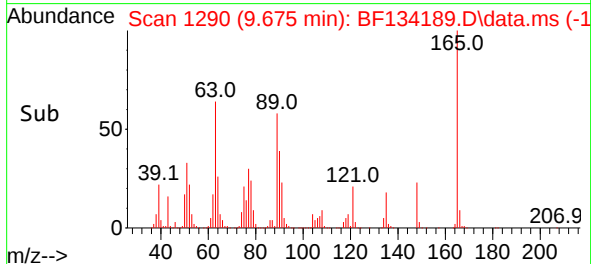
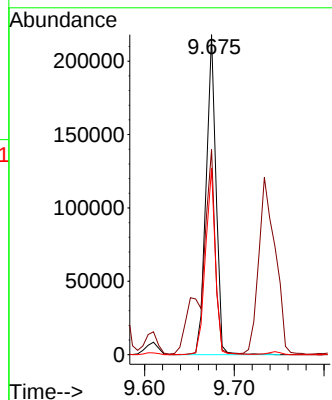
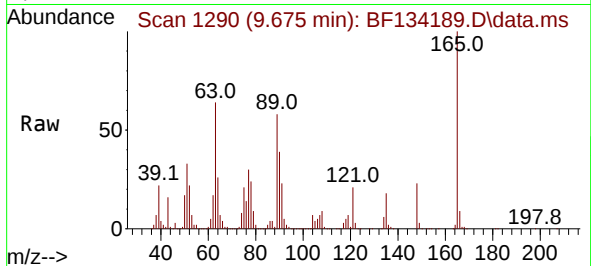




#51
2,6-Dinitrotoluene
Concen: 46.104 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

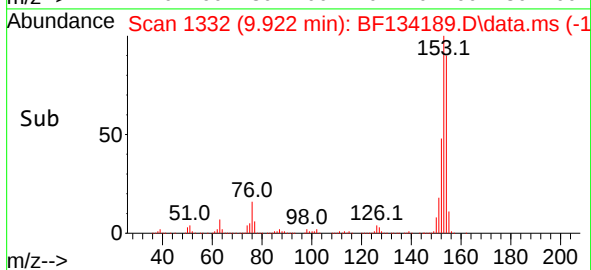
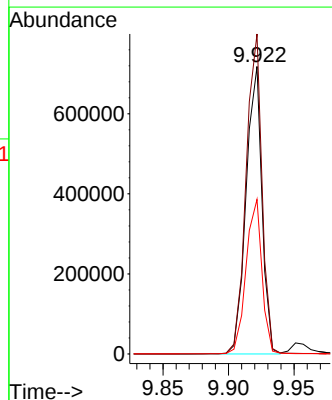
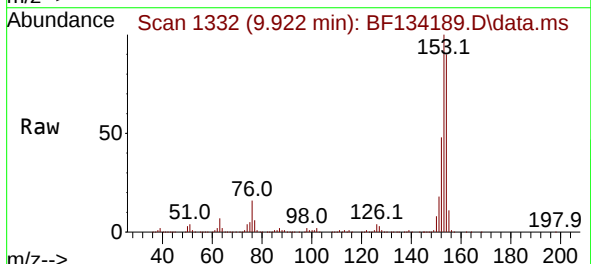
Instrument :
BNA_F
ClientSampleId :

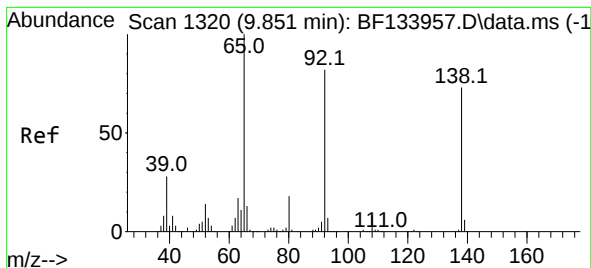
Tgt Ion:165 Resp: 167735
Ion Ratio Lower Upper
165 100
63 64.1 48.5 72.7
89 58.2 45.5 68.3



#52
Acenaphthene
Concen: 44.782 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:154 Resp: 606239
Ion Ratio Lower Upper
154 100
153 111.3 89.4 134.2
152 53.8 42.8 64.2





#53

3-Nitroaniline

Concen: 30.041 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

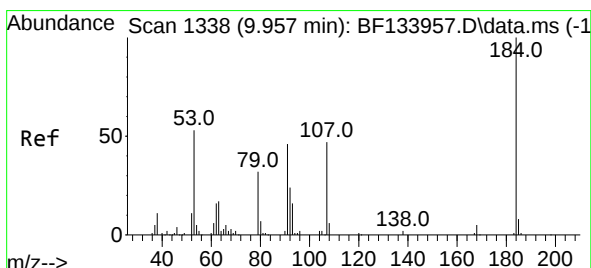
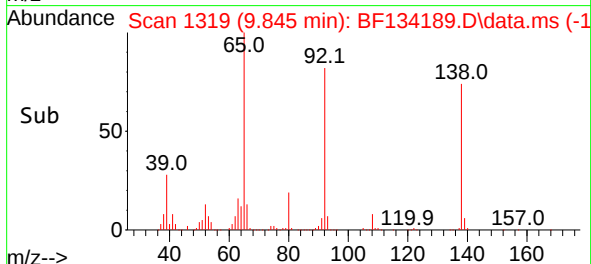
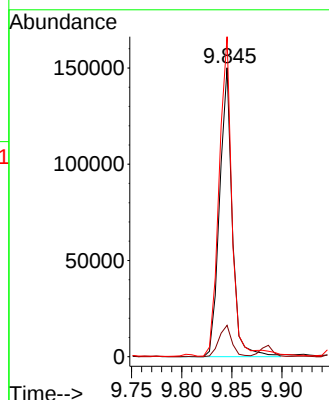
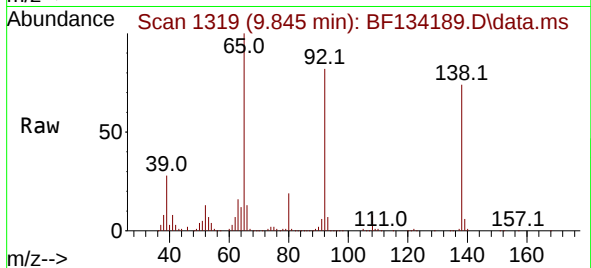
Tgt Ion:138 Resp: 131119

Ion Ratio Lower Upper

138 100

108 10.9 8.4 12.6

92 110.7 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 23.029 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

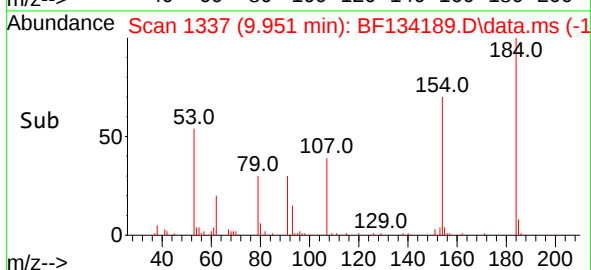
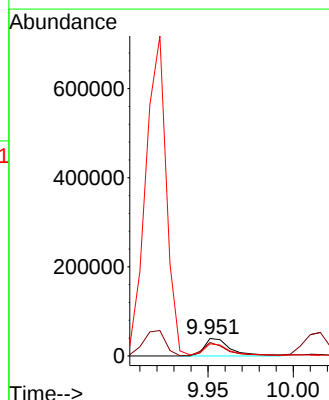
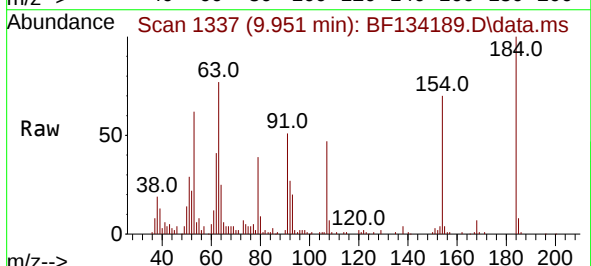
Tgt Ion:184 Resp: 42312

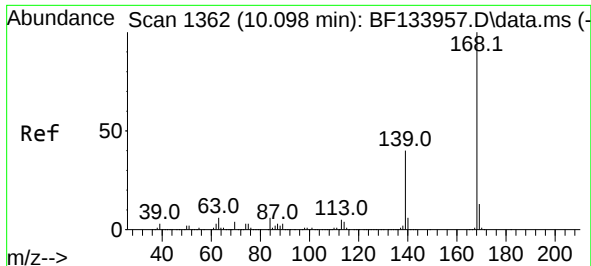
Ion Ratio Lower Upper

184 100

63 77.2 56.9 85.3

154 70.2 55.4 83.0





#55

Dibenzenofuran

Concen: 42.079 ng

RT: 10.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

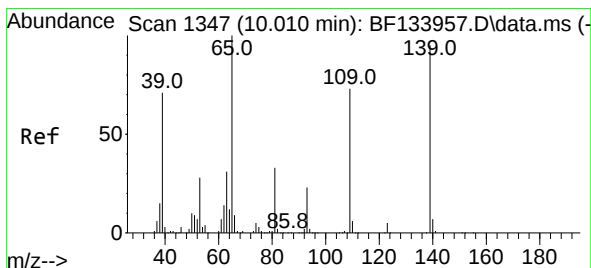
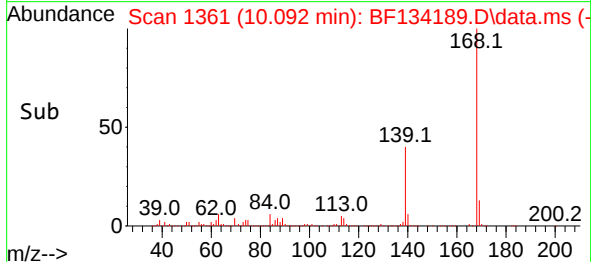
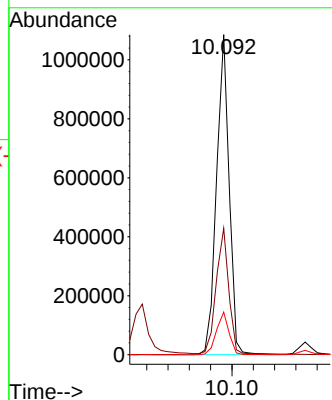
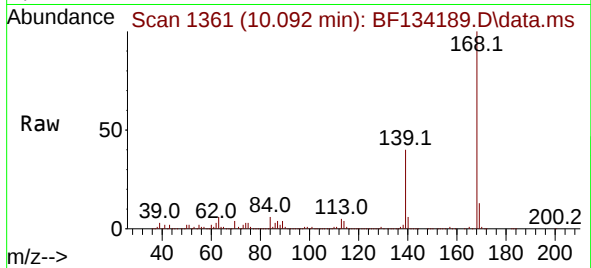
Tgt Ion:168 Resp: 890274

Ion Ratio Lower Upper

168 100

139 39.5 32.0 48.0

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 58.933 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

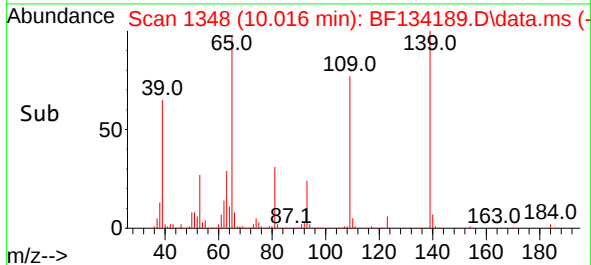
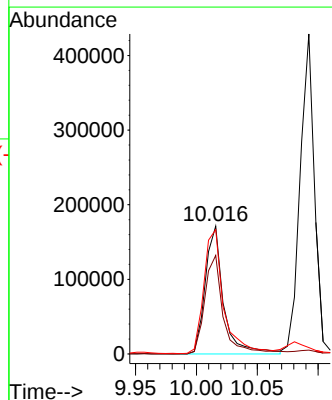
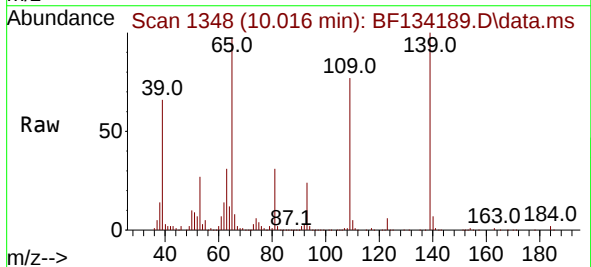
Tgt Ion:139 Resp: 179923

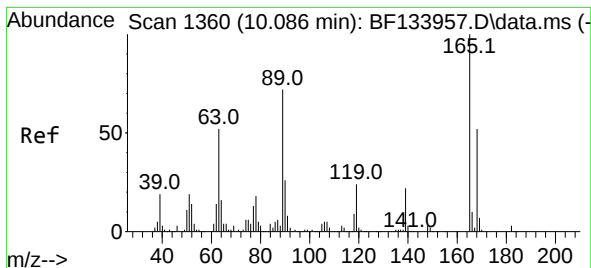
Ion Ratio Lower Upper

139 100

109 77.0 56.8 96.8

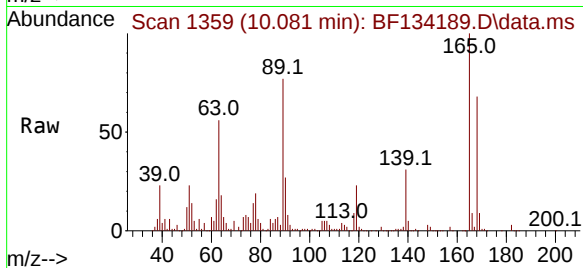
65 97.2 86.1 126.1



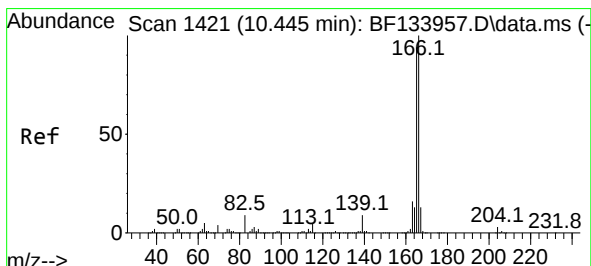
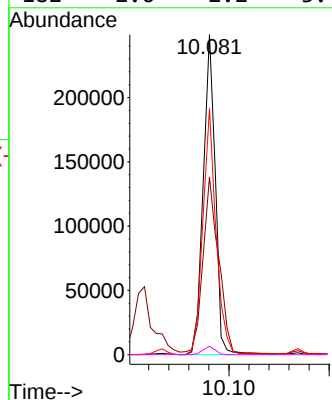
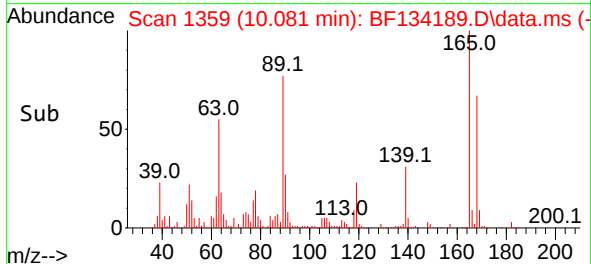


#57
2,4-Dinitrotoluene
Concen: 43.498 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

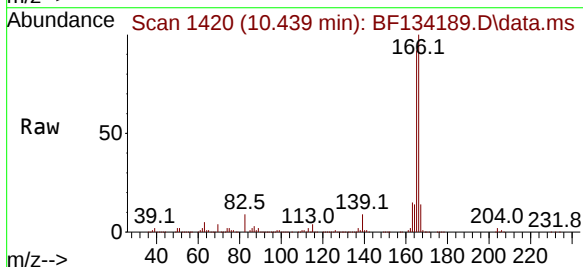
Instrument :
BNA_F
ClientSampleId :



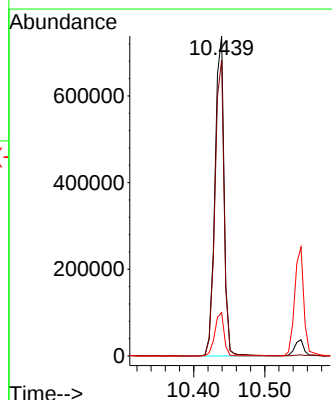
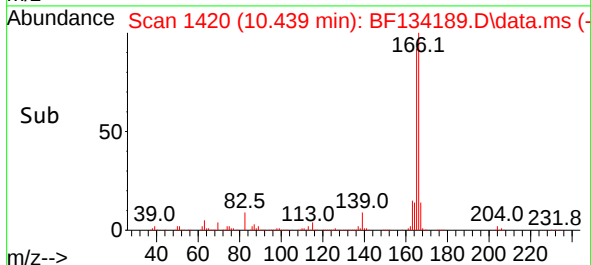
Tgt Ion:165 Resp: 208992
Ion Ratio Lower Upper
165 100
63 55.5 42.2 63.2
89 76.9 57.4 86.2
182 2.6 2.2 3.4

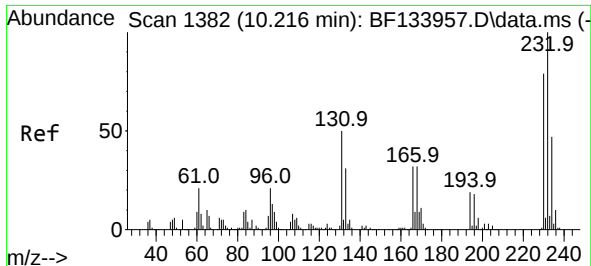


#58
Fluorene
Concen: 40.104 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion:166 Resp: 660109
Ion Ratio Lower Upper
166 100
165 92.5 75.0 112.4
167 13.6 10.6 15.8

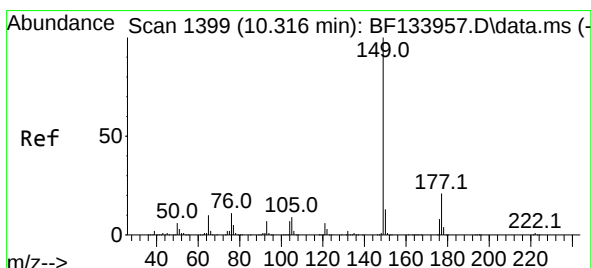
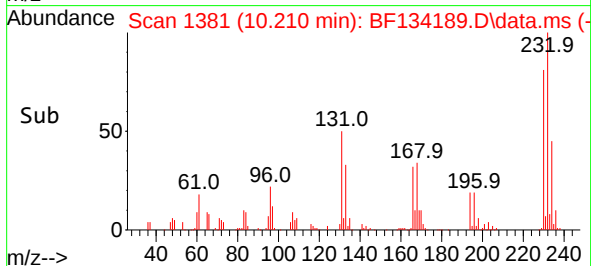
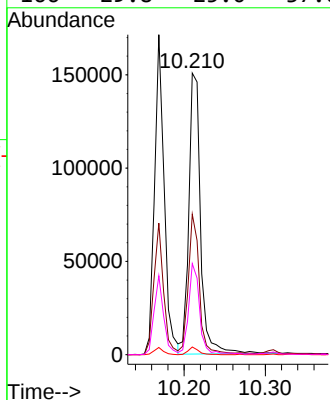
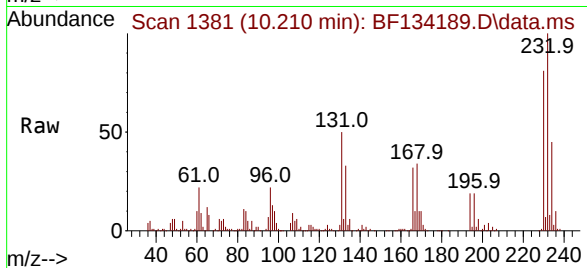




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.940 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

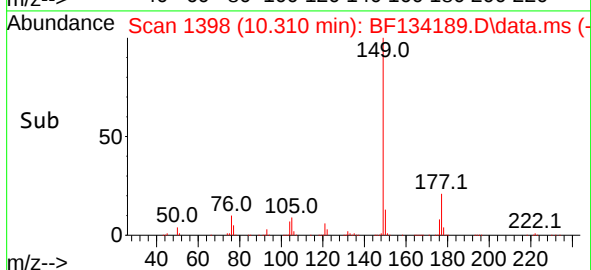
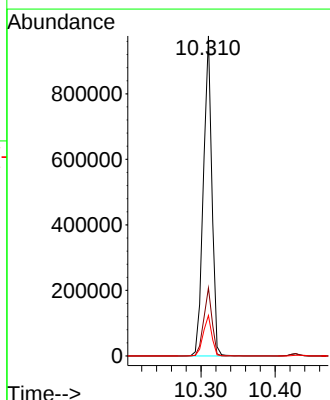
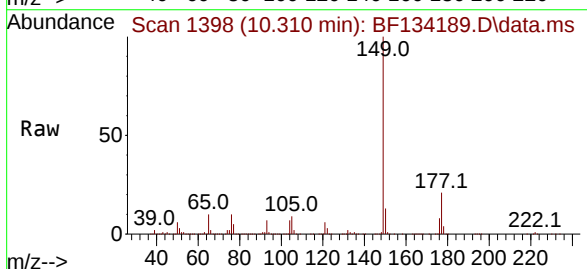
Instrument :
BNA_F
ClientSampleId :

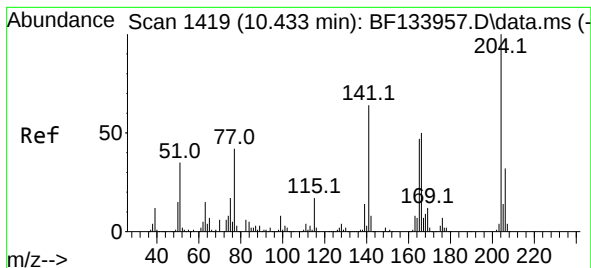
Tgt Ion:232 Resp: 152144
Ion Ratio Lower Upper
232 100
131 46.0 39.3 58.9
130 2.4 1.8 2.6
166 29.8 25.0 37.6



#60
Diethylphthalate
Concen: 44.261 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:149 Resp: 778916
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.6 10.2 15.2

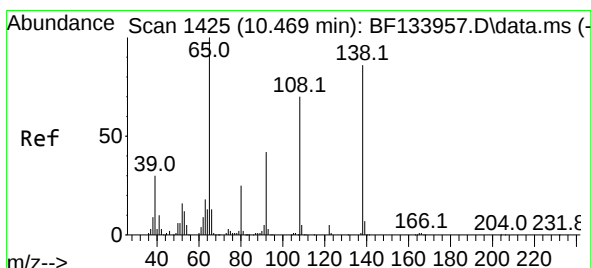
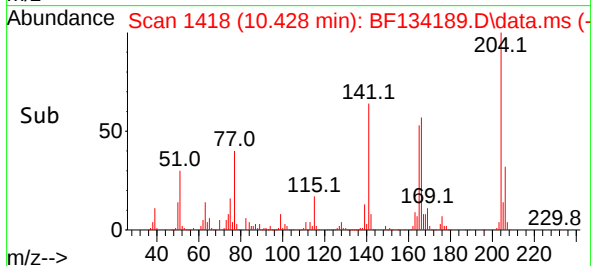
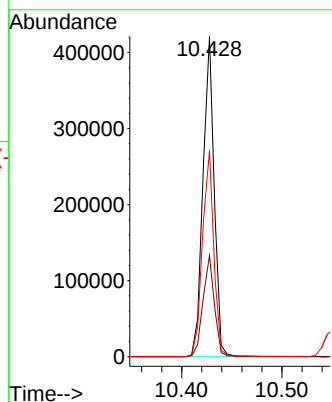
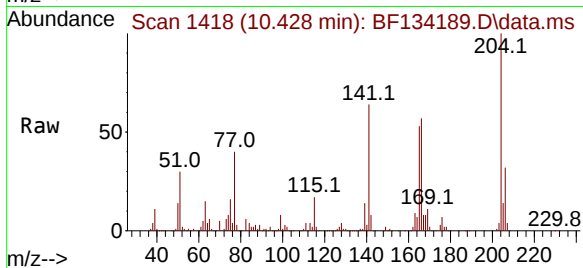




#61
4-Chlorophenyl-phenylether
Concen: 41.512 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

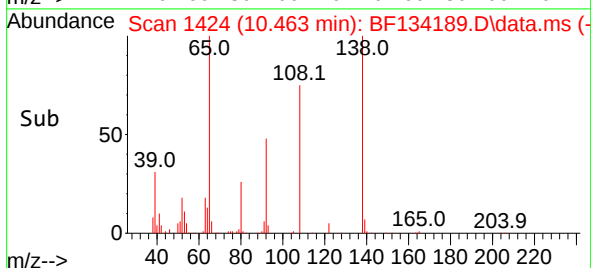
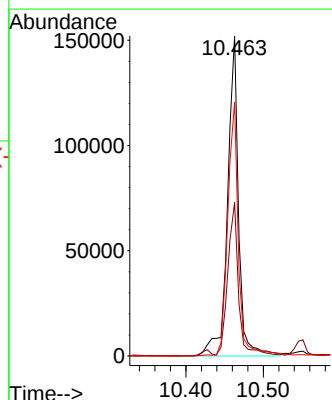
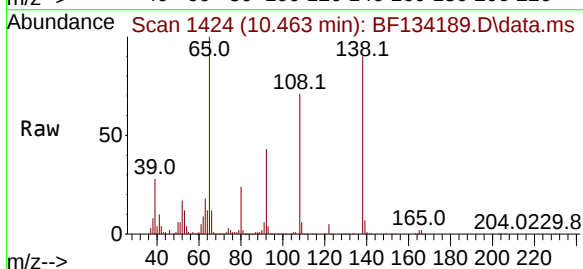
Instrument :
BNA_F
ClientSampleId :

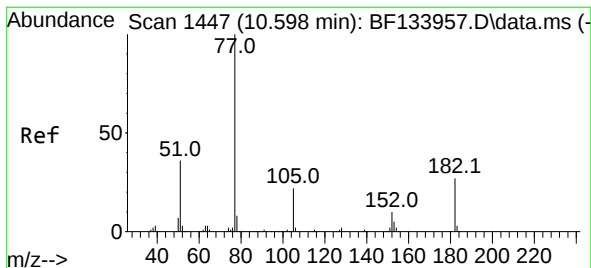
Tgt Ion:204 Resp: 329282
Ion Ratio Lower Upper
204 100
206 31.6 25.8 38.6
141 64.4 51.5 77.3



#62
4-Nitroaniline
Concen: 34.302 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:138 Resp: 150880
Ion Ratio Lower Upper
138 100
92 48.0 29.7 69.7
108 79.3 62.1 102.1





#63

Azobenzene

Concen: 41.429 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

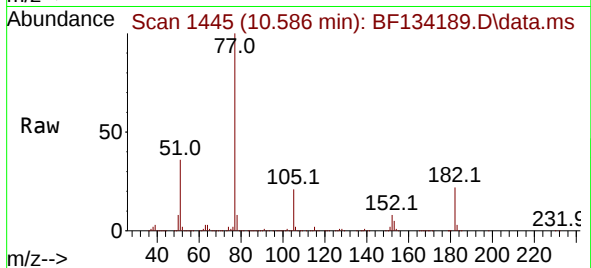
Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 689657

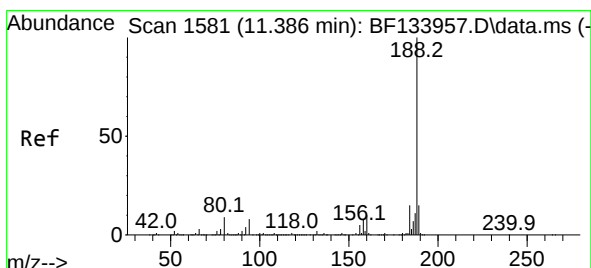
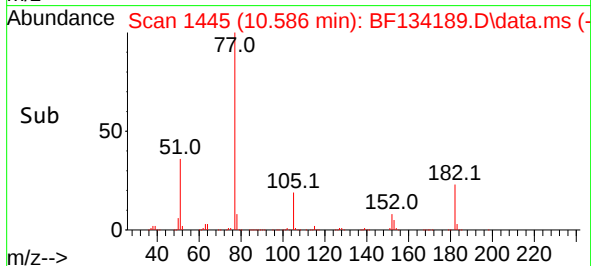
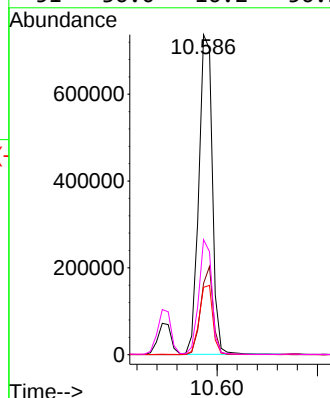
Ion Ratio Lower Upper

77 100

182 22.3 6.8 46.8

105 21.1 2.3 42.3

51 36.0 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

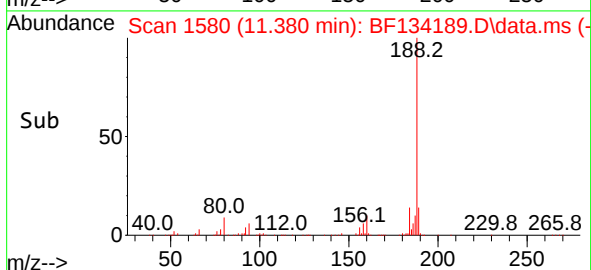
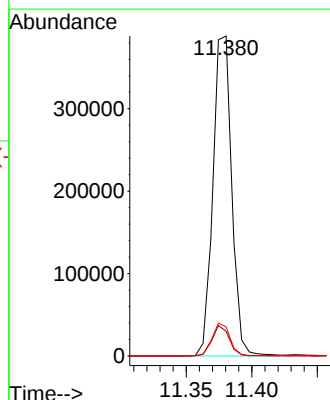
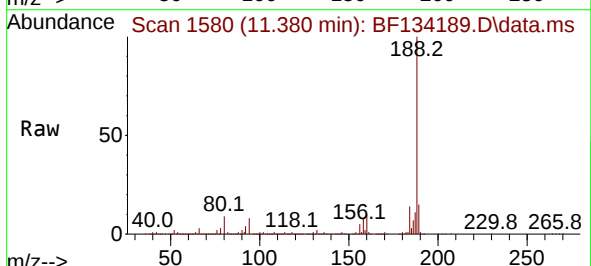
Tgt Ion: 188 Resp: 387083

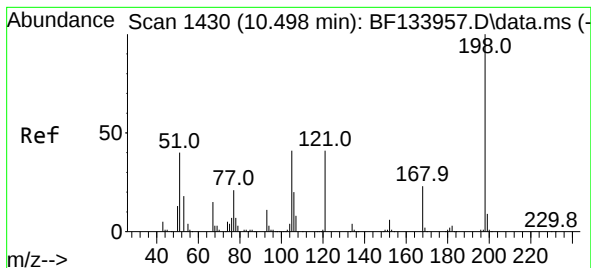
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 9.1 7.3 10.9

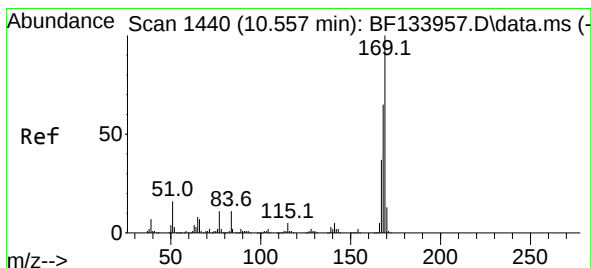
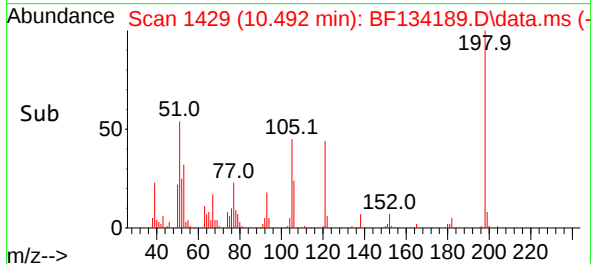
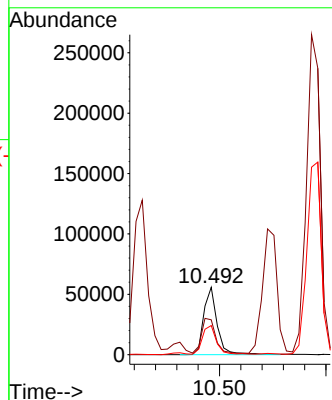
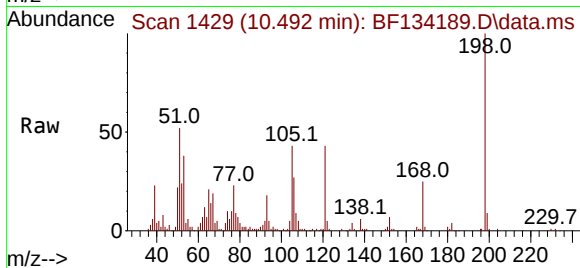




#65
4,6-Dinitro-2-methylphenol
Concen: 23.284 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

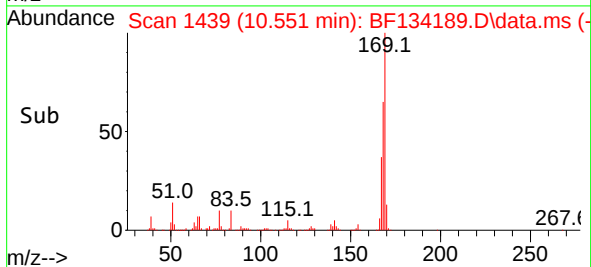
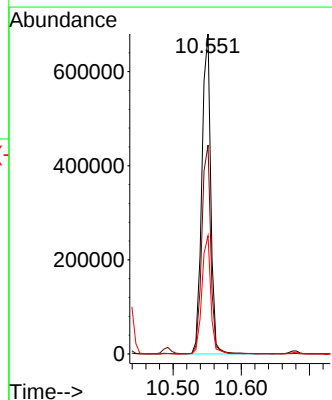
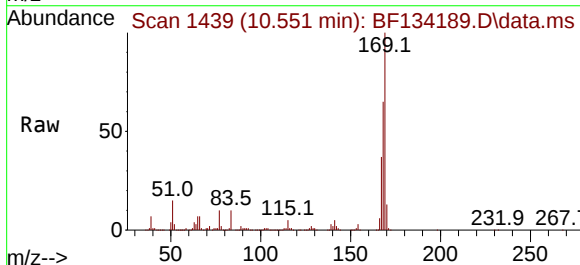
Instrument :
BNA_F
ClientSampleId :

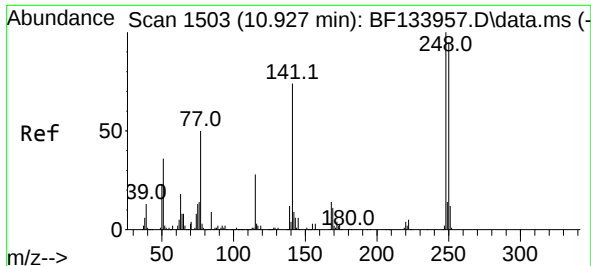
Tgt Ion:198 Resp: 49138
Ion Ratio Lower Upper
198 100
51 51.9 29.3 69.3
105 43.3 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 49.825 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

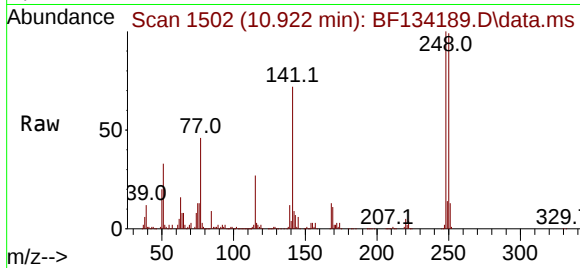
Tgt Ion:169 Resp: 616202
Ion Ratio Lower Upper
169 100
168 65.3 52.3 78.5
167 36.9 29.4 44.0



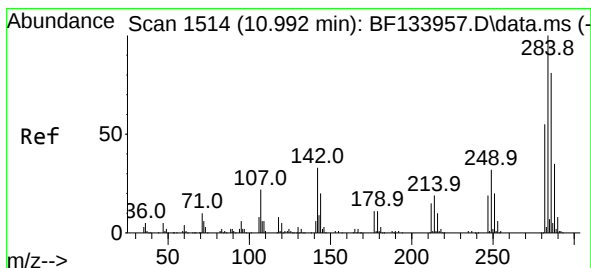
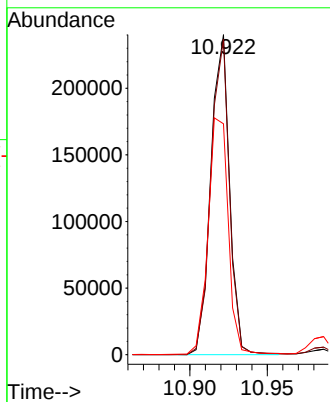
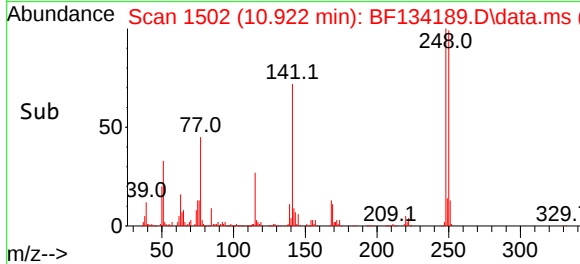


#67
4-Bromophenyl-phenylether
Concen: 49.044 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

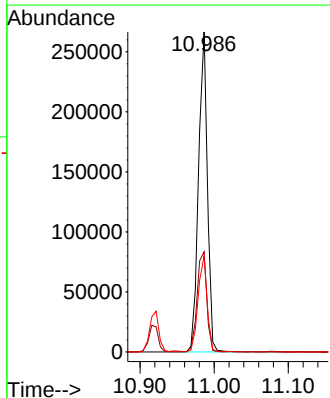
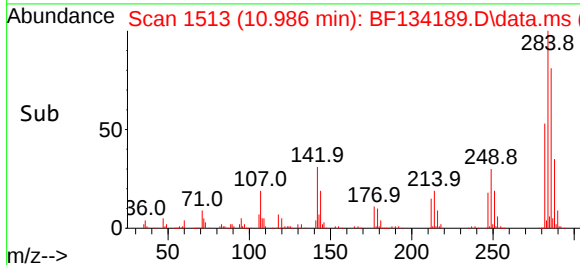
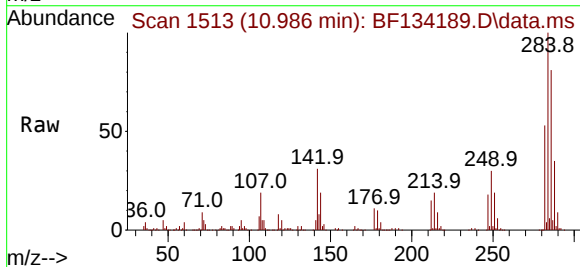


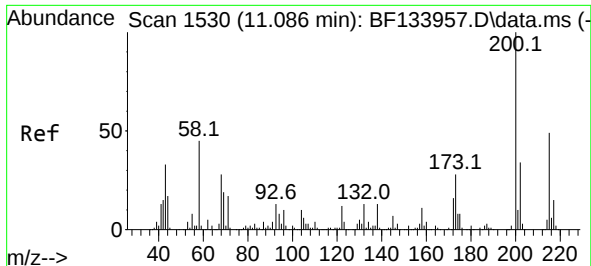
Tgt Ion:248 Resp: 201777
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.4
141 72.2 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.552 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

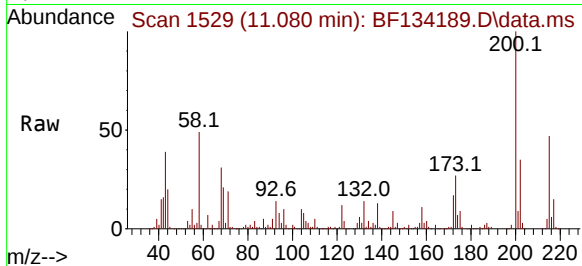
Tgt Ion:284 Resp: 220828
Ion Ratio Lower Upper
284 100
142 31.3 26.6 40.0
249 30.0 25.5 38.3



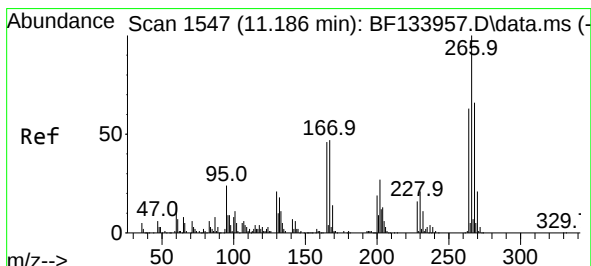
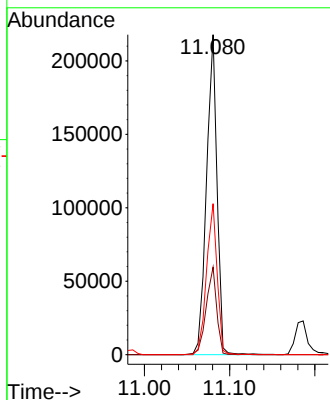
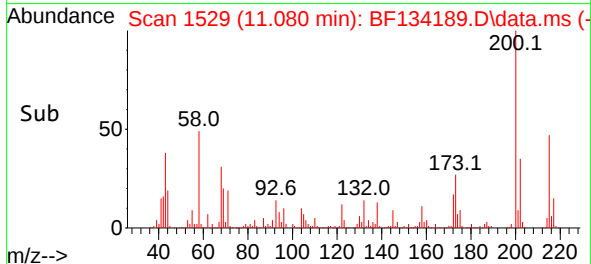


#69
 Atrazine
 Concen: 54.508 ng
 RT: 11.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

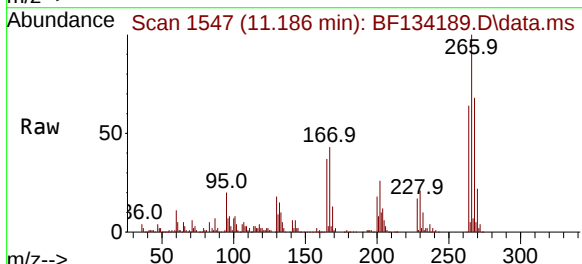
Instrument :
 BNA_F
 ClientSampleId :



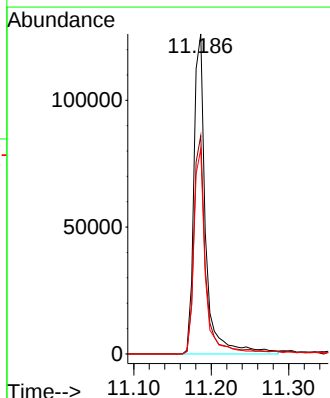
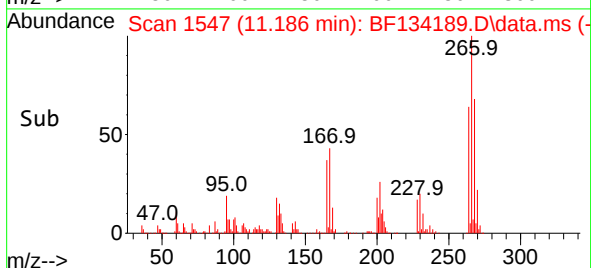
Tgt Ion:200 Resp: 186469
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.0 48.0
 215 47.2 29.3 69.3

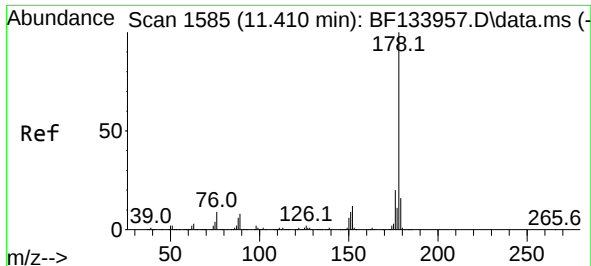


#70
 Pentachlorophenol
 Concen: 51.141 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42



Tgt Ion:266 Resp: 133576
 Ion Ratio Lower Upper
 266 100
 268 68.2 52.6 79.0
 264 64.1 50.6 76.0

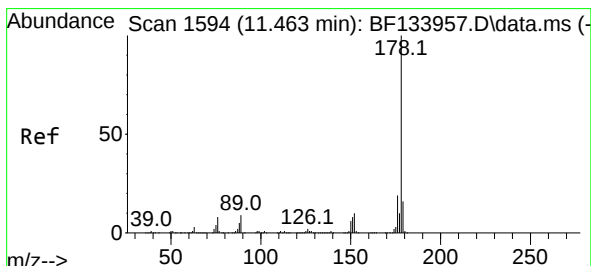
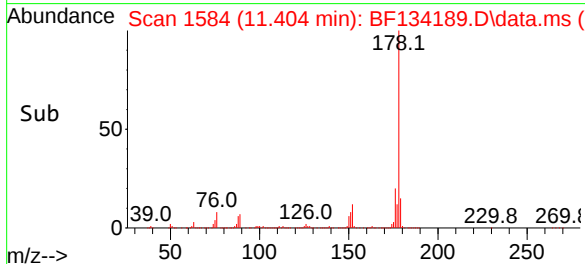
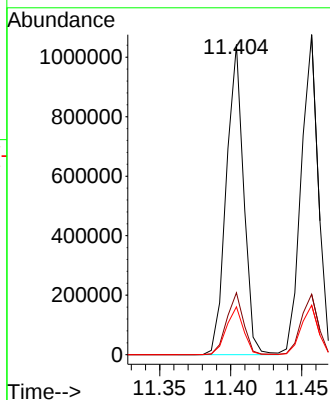
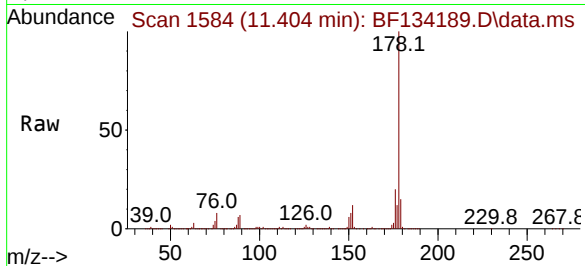




#71
Phenanthrene
Concen: 45.177 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

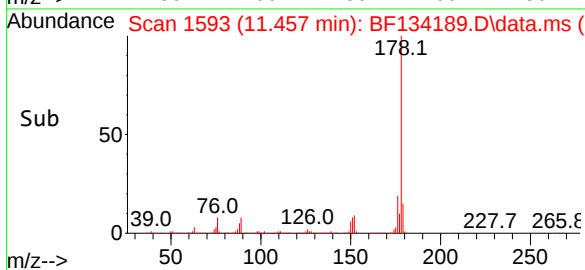
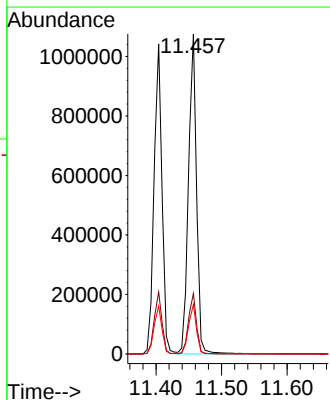
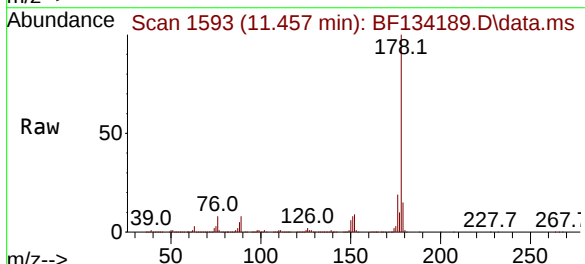
Instrument :
BNA_F
ClientSampleId :

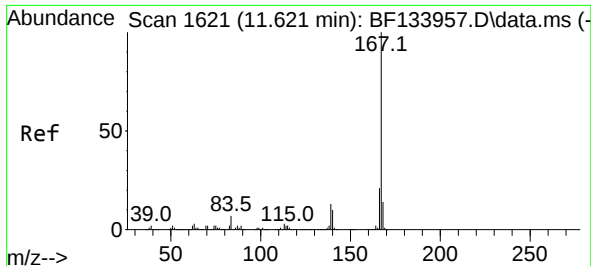
Tgt Ion:178 Resp: 880332
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 45.042 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:178 Resp: 912910
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.4 18.6

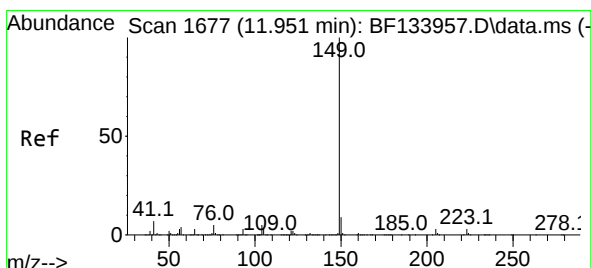
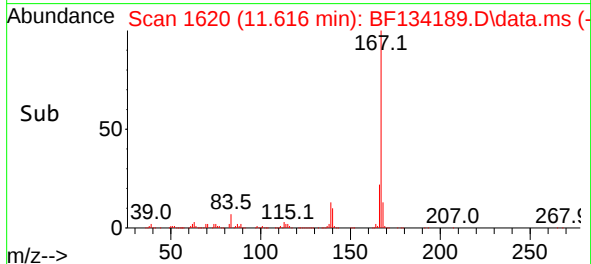
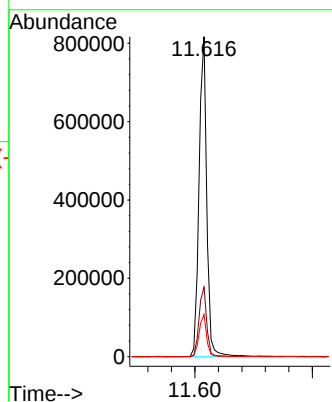
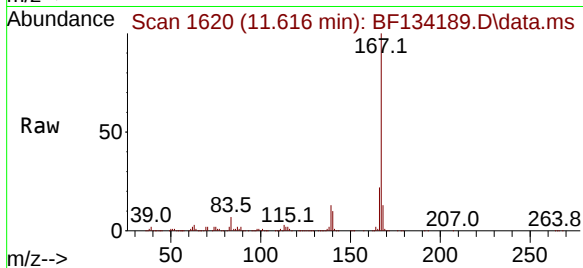




#73
 Carbazole
 Concen: 40.010 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

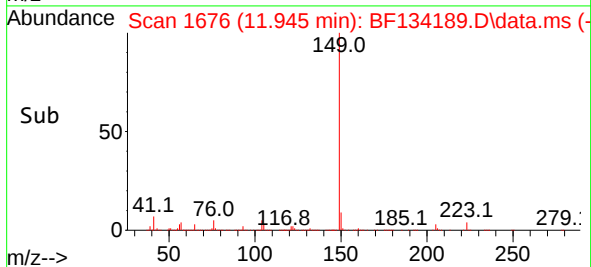
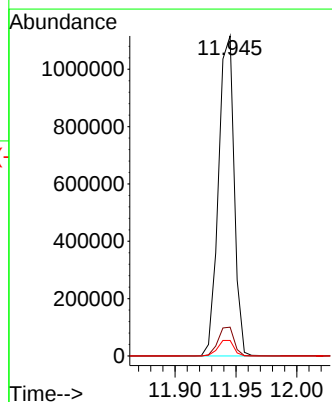
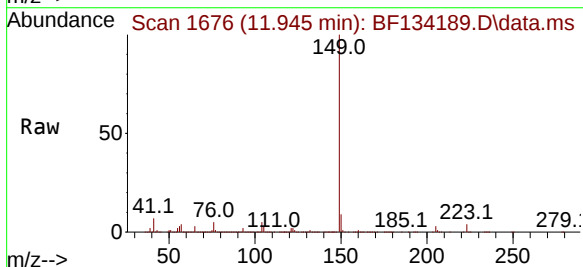
Instrument :
 BNA_F
 ClientSampleId :

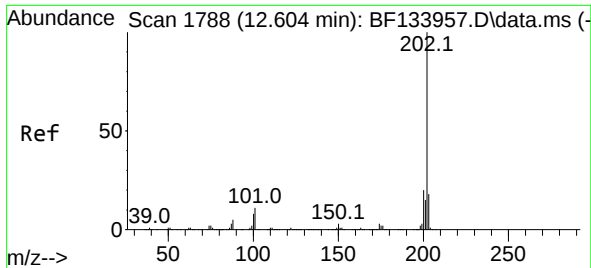
Tgt Ion:167 Resp: 742253
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 45.409 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

Tgt Ion:149 Resp: 1001786
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 4.8 4.0 6.0

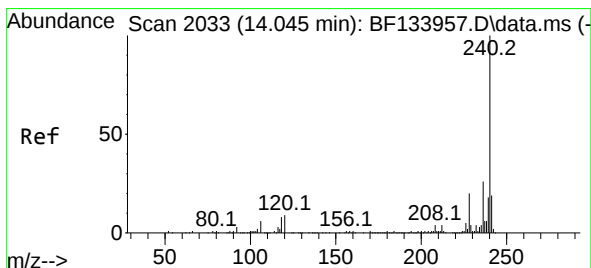
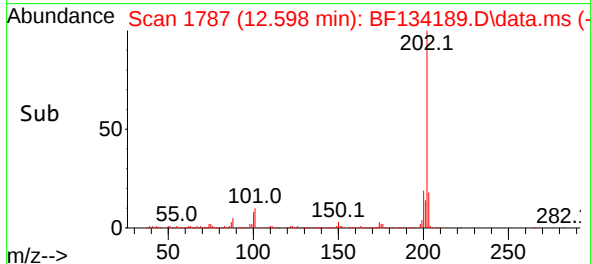
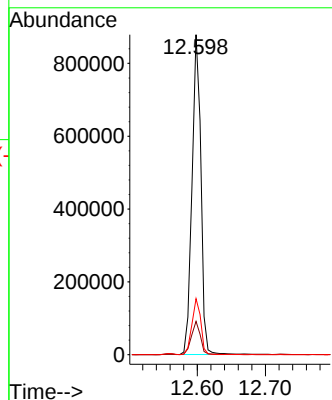
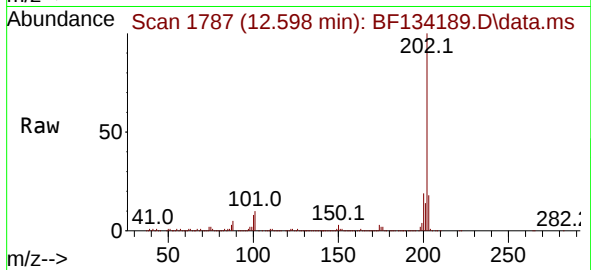




#75
Fluoranthene
Concen: 37.358 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

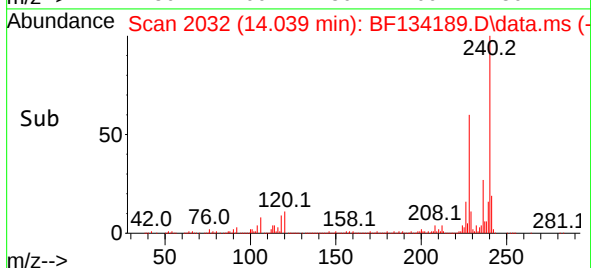
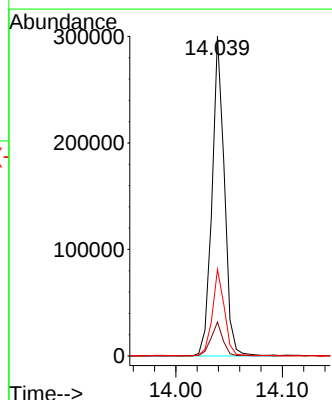
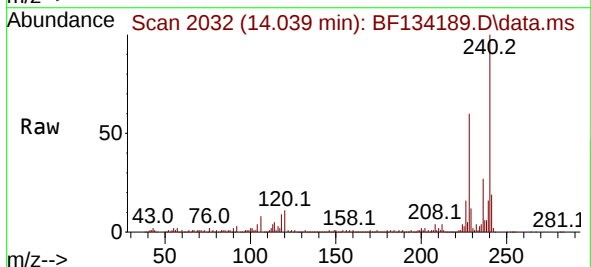
Instrument :
BNA_F
ClientSampleId :

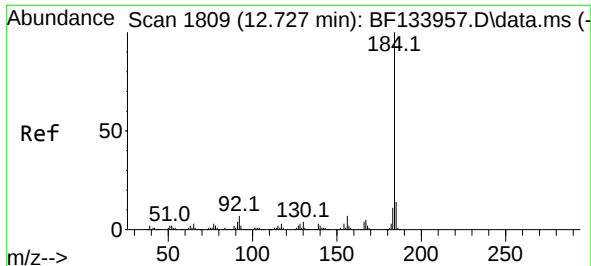
Tgt Ion:202 Resp: 786999
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

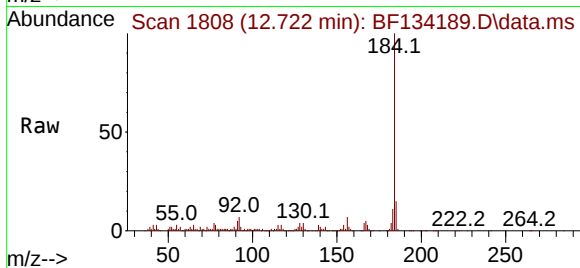
Tgt Ion:240 Resp: 242675
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 27.1 21.0 31.6



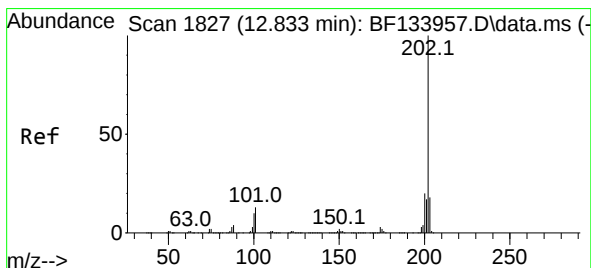
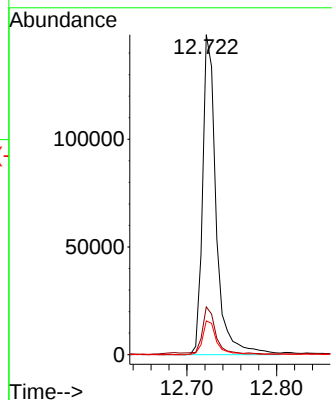
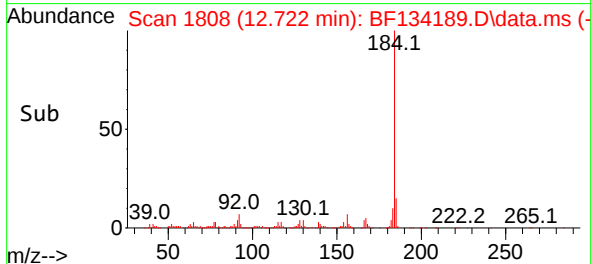


#77
Benzidine
Concen: 27.100 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

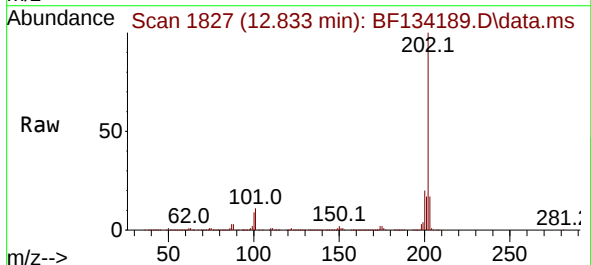
Instrument :
BNA_F
ClientSampleId :



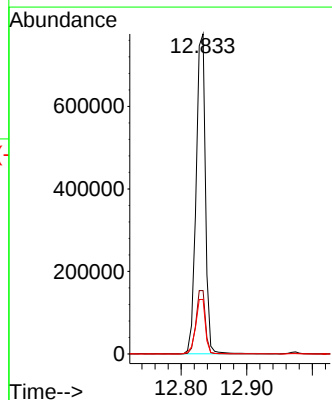
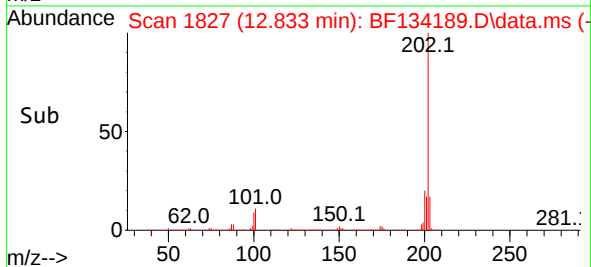
Tgt Ion:184 Resp: 156483
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 10.5 8.8 13.2

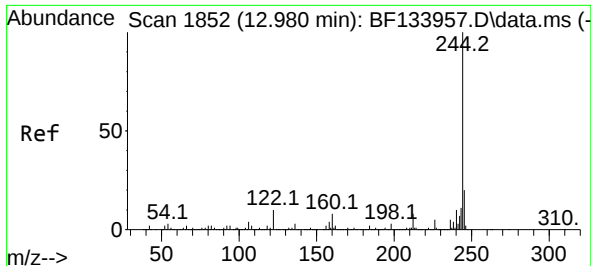


#78
Pyrene
Concen: 33.947 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion:202 Resp: 766658
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.1 14.3 21.5

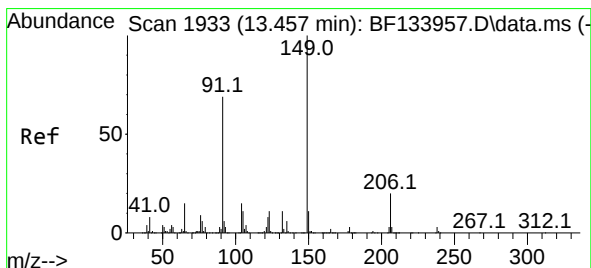
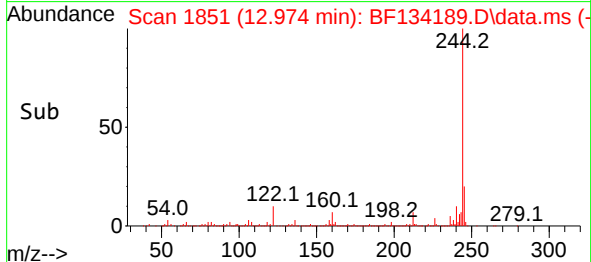
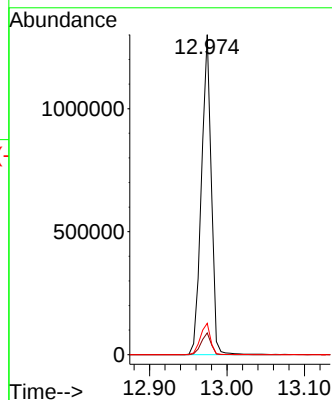
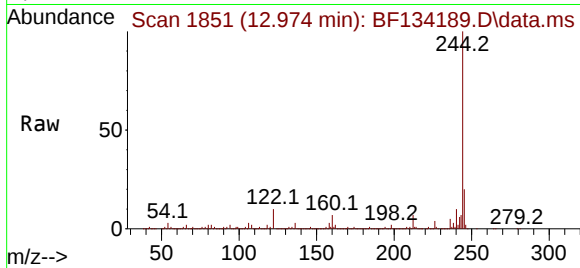




#79
 Terphenyl-d14
 Concen: 76.316 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

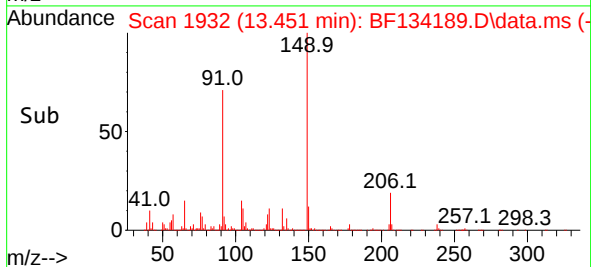
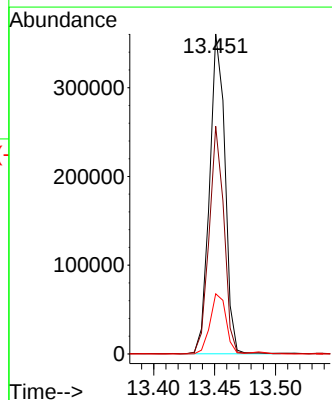
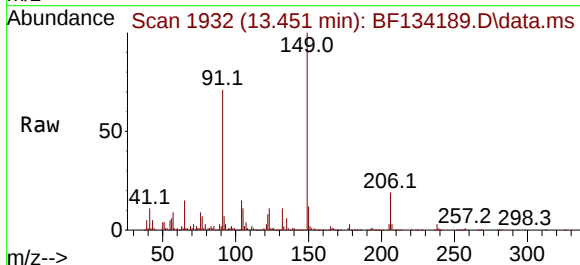
Instrument :
 BNA_F
 ClientSampleId :

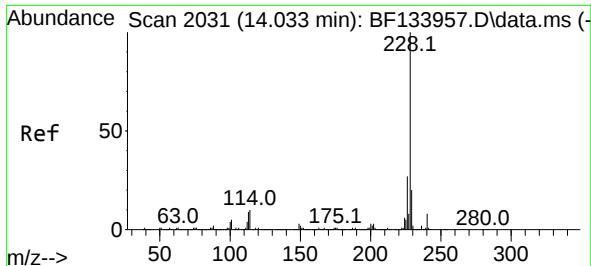
Tgt Ion:244 Resp: 1150723
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 37.448 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF134189.D
 Acq: 10 Jul 2023 16:42

Tgt Ion:149 Resp: 317191
 Ion Ratio Lower Upper
 149 100
 91 71.2 55.1 82.7
 206 18.8 15.7 23.5

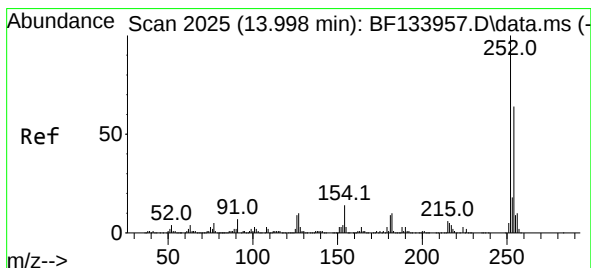
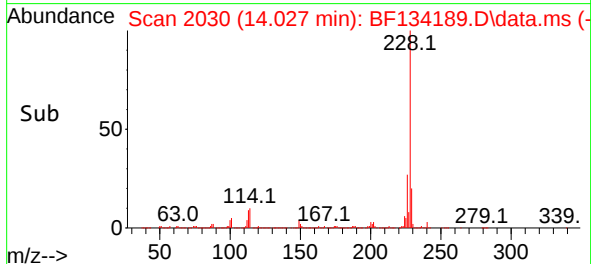
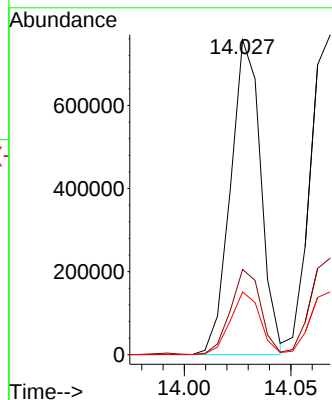
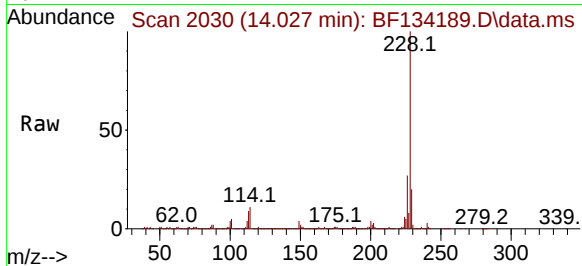




#81
Benzo(a)anthracene
Concen: 44.510 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

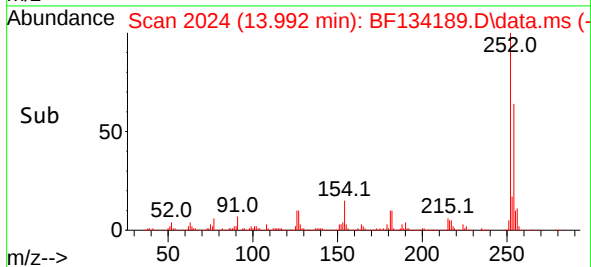
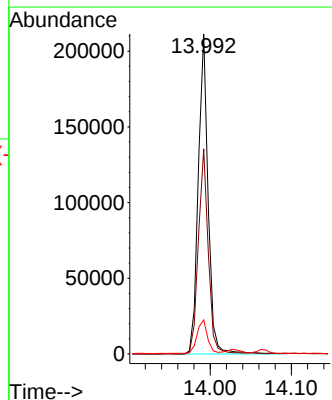
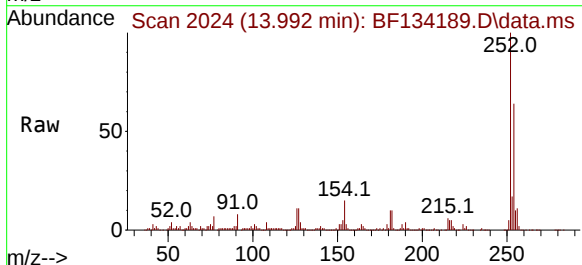
Instrument :
BNA_F
ClientSampleId :

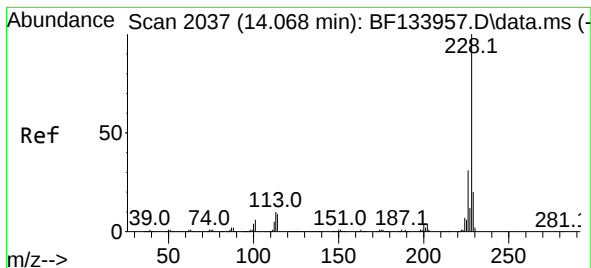
Tgt Ion:228 Resp: 749104
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 20.0 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.722 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:252 Resp: 179808
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.0
126 10.6 7.4 11.2





#83

Chrysene

Concen: 44.975 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

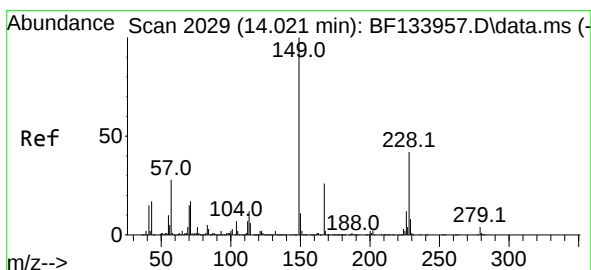
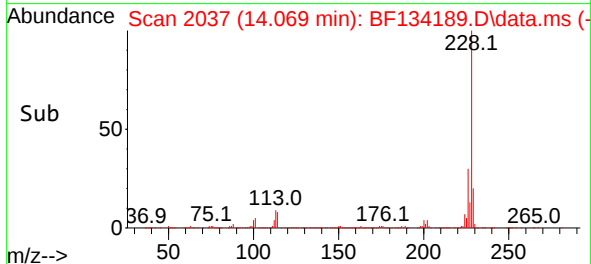
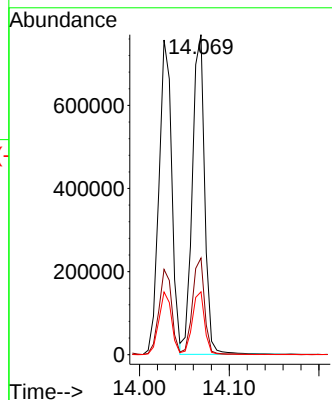
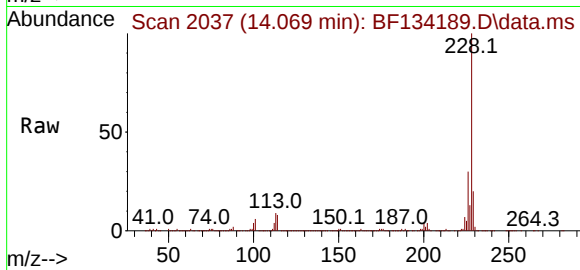
Tgt Ion:228 Resp: 733136

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.843 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

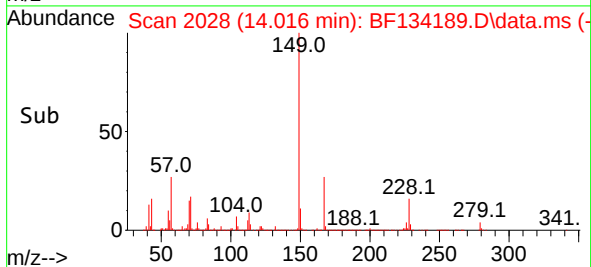
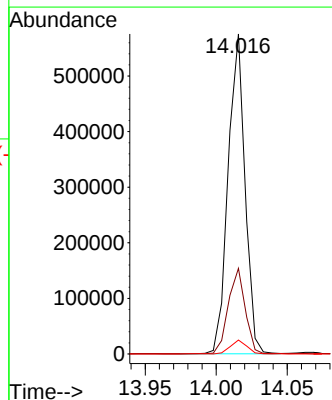
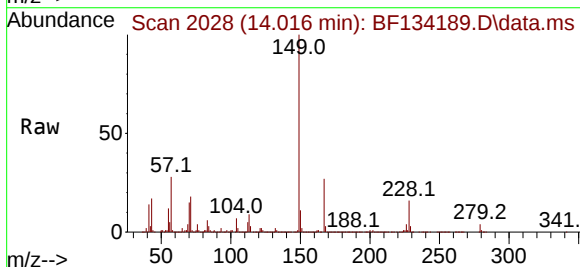
Tgt Ion:149 Resp: 475377

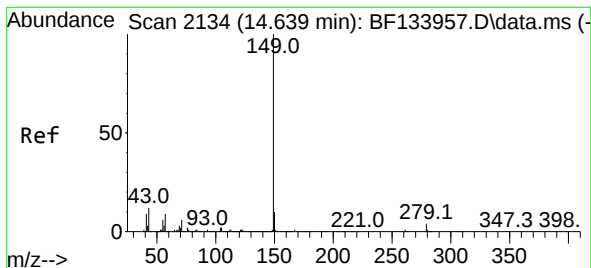
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.526 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

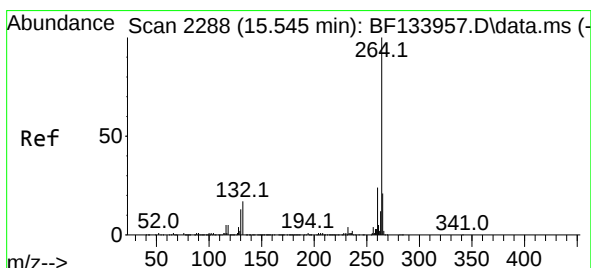
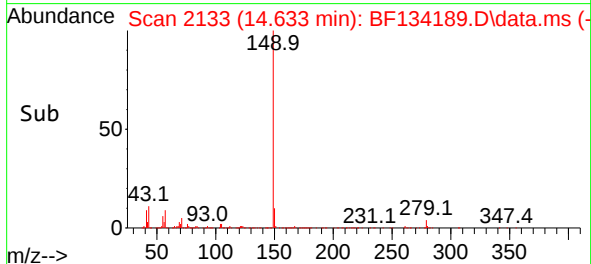
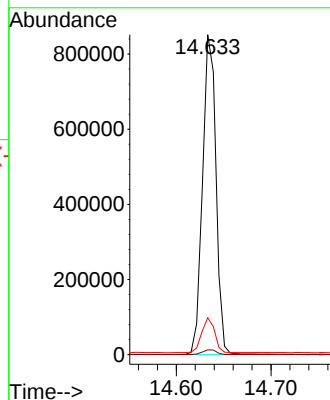
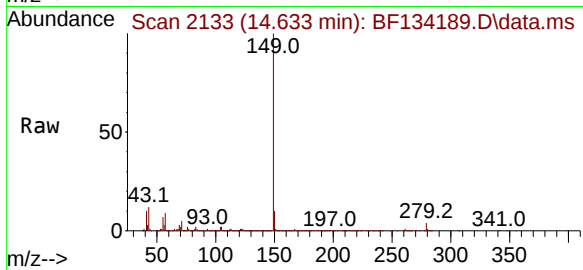
Tgt Ion:149 Resp: 836977

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

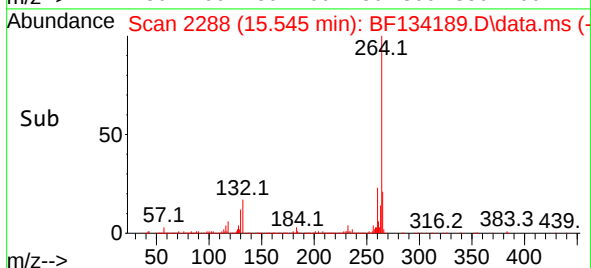
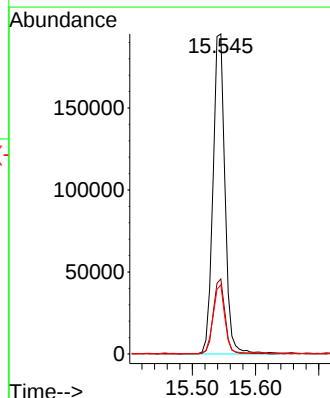
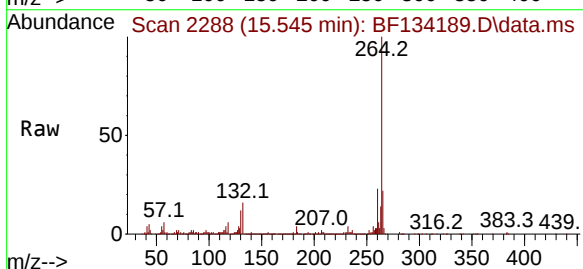
Tgt Ion:264 Resp: 257276

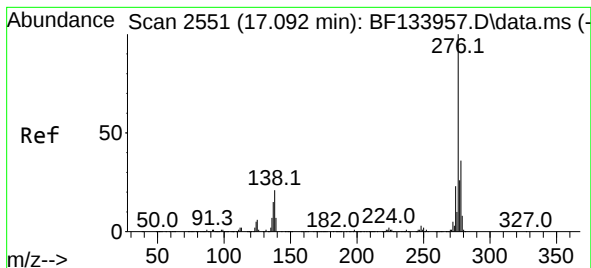
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.213 ng

RT: 17.086 min Scan# 2112

Delta R.T. -0.024 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

Instrument :

BNA_F

ClientSampleId :

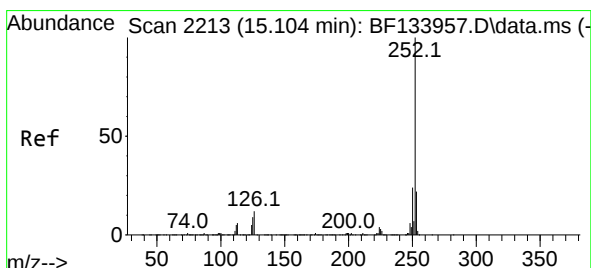
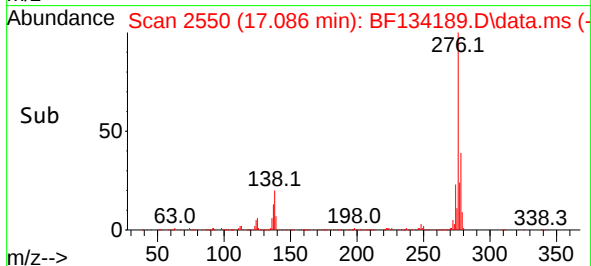
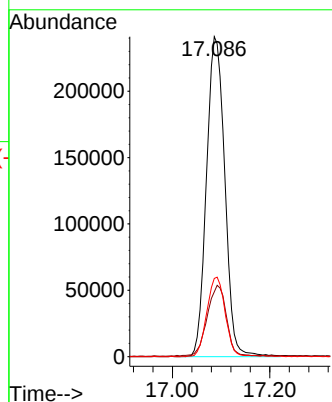
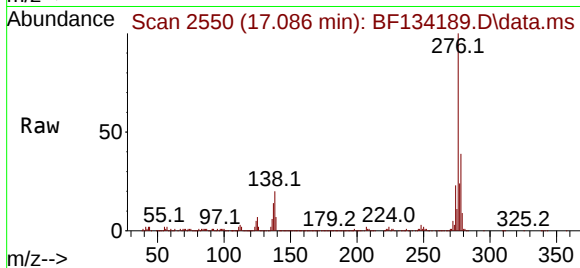
Tgt Ion:276 Resp: 628641

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.682 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF134189.D

Acq: 10 Jul 2023 16:42

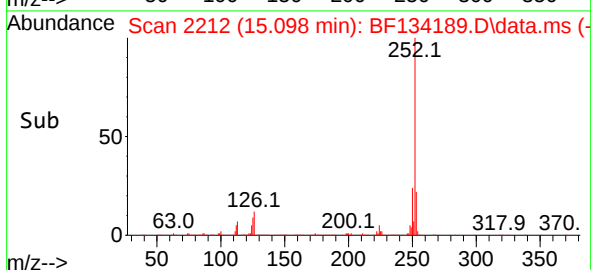
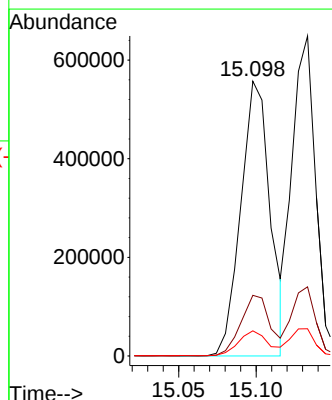
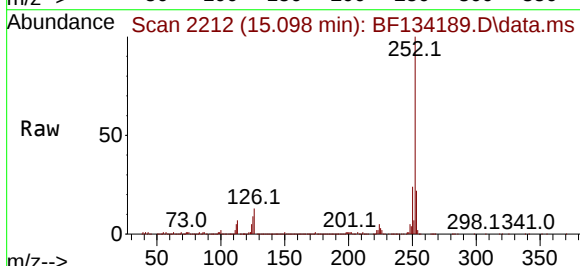
Tgt Ion:252 Resp: 736463

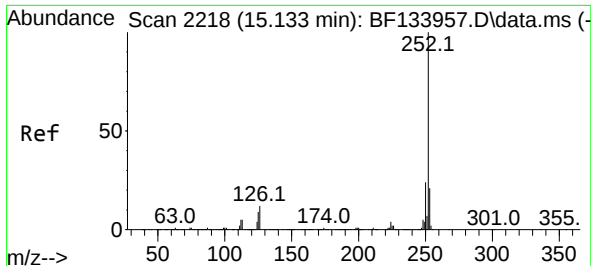
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

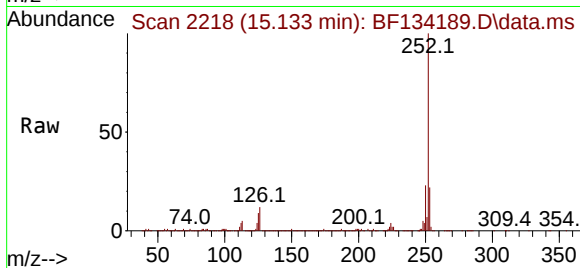
125 9.2 7.1 10.7



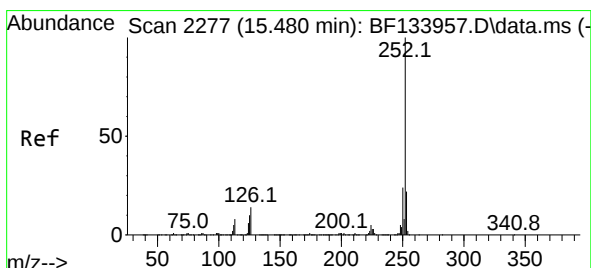
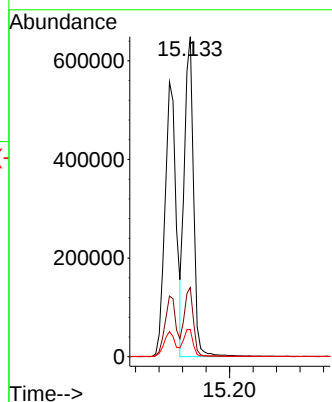
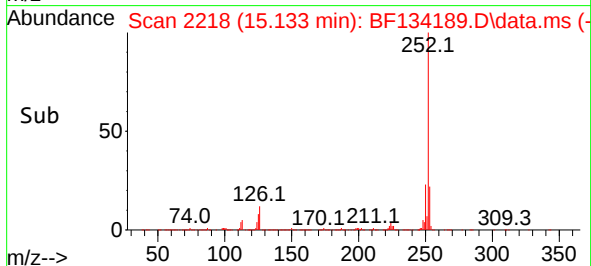


#89
Benzo(k)fluoranthene
Concen: 45.559 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

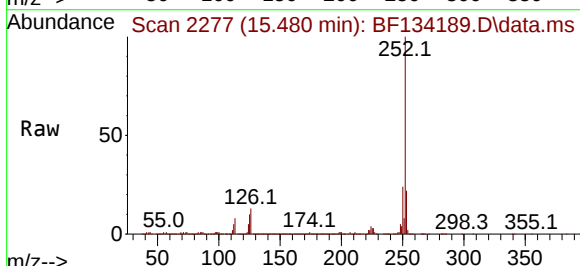
Instrument :
BNA_F
ClientSampleId :



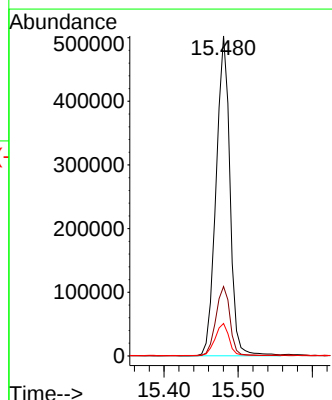
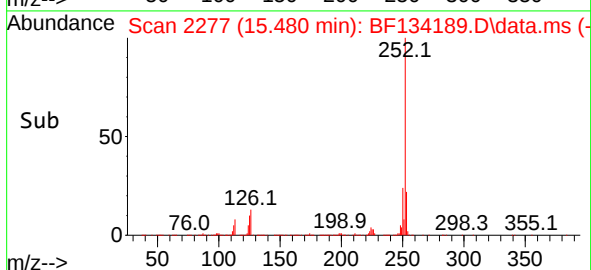
Tgt Ion:252 Resp: 701732
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.5 7.4 11.2

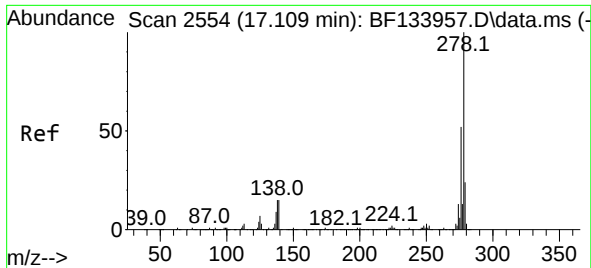


#90
Benzo(a)pyrene
Concen: 44.554 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42



Tgt Ion:252 Resp: 651771
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.2 8.4 12.6

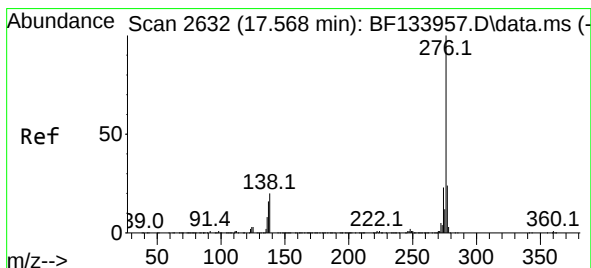
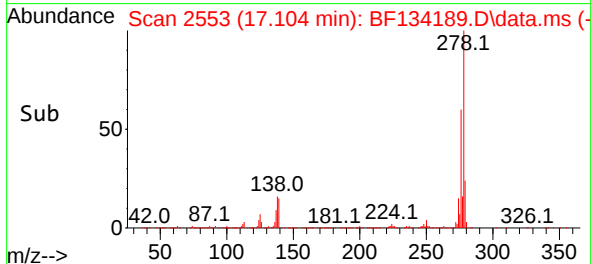
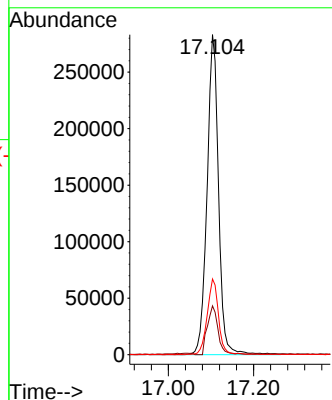
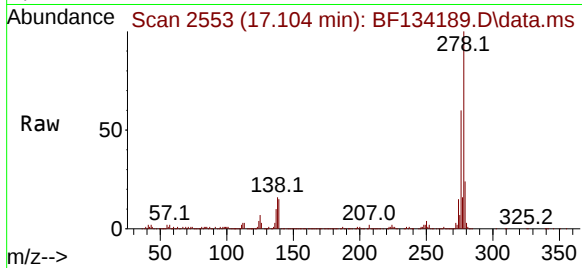




#91
Dibenzo(a,h)anthracene
Concen: 36.252 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 528609
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 30.408 ng
RT: 17.557 min Scan# 2630
Delta R.T. -0.024 min
Lab File: BF134189.D
Acq: 10 Jul 2023 16:42

Tgt Ion:276 Resp: 457254
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 19.8 16.2 24.2

