

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133383.D
 Acq On : 15 May 2023 13:28
 Operator : CG\JU
 Sample : PB152781BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS

Quant Time: May 15 14:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	238149	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	987184	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	498002	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	878574	20.000	ng	0.00
76) Chrysene-d12	13.886	240	526183	20.000	ng	0.00
86) Perylene-d12	15.303	264	460028	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1919284	121.743	ng	0.02
7) Phenol-d6	6.375	99	2291001	117.080	ng	0.00
23) Nitrobenzene-d5	7.292	82	1484832	81.187	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	605457	120.889	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2449676	82.295	ng	0.00
79) Terphenyl-d14	12.833	244	2766547	90.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	277499	37.949	ng	96
3) Pyridine	3.169	79	724326	37.295	ng	95
4) n-Nitrosodimethylamine	3.134	42	405348	40.294	ng	91
6) Aniline	6.386	93	781867	31.023	ng	# 15
8) 2-Chlorophenol	6.510	128	772743	48.276	ng	96
9) Benzaldehyde	6.269	77	423687	51.909	ng	97
10) Phenol	6.386	94	896026	41.508	ng	# 74
11) bis(2-Chloroethyl)ether	6.457	93	735077	45.378	ng	99
12) 1,3-Dichlorobenzene	6.663	146	808957	47.535	ng	98
13) 1,4-Dichlorobenzene	6.739	146	820567	48.111	ng	98
14) 1,2-Dichlorobenzene	6.892	146	774858	49.278	ng	97
15) Benzyl Alcohol	6.875	79	627483	46.423	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1140769	40.545	ng	84
17) 2-Methylphenol	6.992	107	631833	43.108	ng	96
18) Hexachloroethane	7.233	117	283903	47.878	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	492074	40.394	ng	93
20) 3+4-Methylphenols	7.145	107	754754	43.726	ng	# 84
22) Acetophenone	7.139	105	1047047	45.787	ng	95
24) Nitrobenzene	7.310	77	791434	42.705	ng	98
25) Isophorone	7.551	82	1468550	42.291	ng	99
26) 2-Nitrophenol	7.628	139	438472	49.052	ng	94
27) 2,4-Dimethylphenol	7.675	122	689578	44.989	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	874249	42.558	ng	99
29) 2,4-Dichlorophenol	7.875	162	643864	46.143	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	665185	46.015	ng	99
31) Naphthalene	8.033	128	2114626	42.844	ng	99
32) Benzoic acid	7.822	122	412900	43.611	ng	98
33) 4-Chloroaniline	8.080	127	406106	20.365	ng	99
34) Hexachlorobutadiene	8.151	225	356818	44.535	ng	98
35) Caprolactam	8.469	113	155199	33.109	ng	93
36) 4-Chloro-3-methylphenol	8.580	107	693483	46.088	ng	96
37) 2-Methylnaphthalene	8.722	142	1401258	41.527	ng	97
38) 1-Methylnaphthalene	8.822	142	1311886	41.559	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	583898	43.607	ng	99
41) Hexachlorocyclopentadiene	8.874	237	672669	86.140	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	412657	44.563	ng	99

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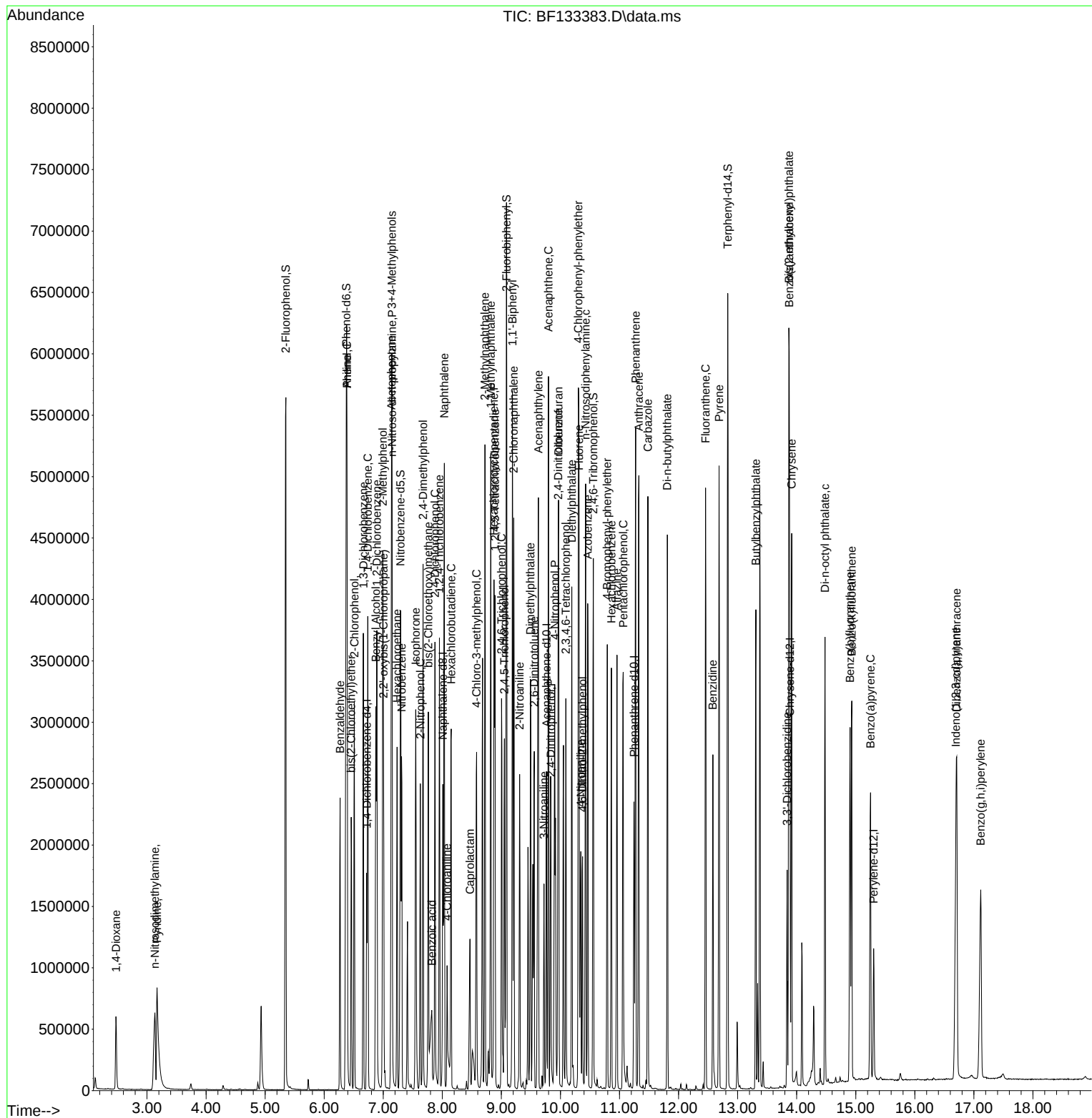
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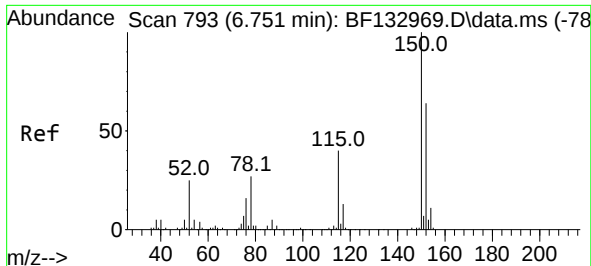
Quant Time: May 15 14:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	455811	42.561	ng	97
46) 1,1'-Biphenyl	9.186	154	1720435	43.567	ng	99
47) 2-Chloronaphthalene	9.210	162	1307062	45.221	ng	99
48) 2-Nitroaniline	9.310	65	414917	43.435	ng	97
49) Acenaphthylene	9.627	152	1966861	42.588	ng	99
50) Dimethylphthalate	9.492	163	1553537	44.739	ng	99
51) 2,6-Dinitrotoluene	9.557	165	364143	46.592	ng	86
52) Acenaphthene	9.798	154	1214143	39.253	ng	99
53) 3-Nitroaniline	9.721	138	258689	27.837	ng	100
54) 2,4-Dinitrophenol	9.839	184	385720	98.185	ng	# 88
55) Dibenzofuran	9.969	168	1745825	41.377	ng	98
56) 4-Nitrophenol	9.904	139	570085	79.205	ng	96
57) 2,4-Dinitrotoluene	9.963	165	448244	44.972	ng	94
58) Fluorene	10.316	166	1323350	42.809	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	370346	44.606	ng	97
60) Diethylphthalate	10.192	149	1424421	43.428	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	635738	42.201	ng	98
62) 4-Nitroaniline	10.345	138	406432	47.585	ng	98
63) Azobenzene	10.463	77	1432770	41.236	ng	98
65) 4,6-Dinitro-2-methylph...	10.374	198	274620	51.570	ng	95
66) n-Nitrosodiphenylamine	10.427	169	1230469	43.176	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	412528	43.293	ng	96
68) Hexachlorobenzene	10.863	284	447444	45.826	ng	99
69) Atrazine	10.957	200	432346	52.650	ng	99
70) Pentachlorophenol	11.063	266	487155	70.056	ng	97
71) Phenanthrene	11.274	178	1997808	42.308	ng	100
72) Anthracene	11.327	178	2070353	42.842	ng	99
73) Carbazole	11.480	167	1917172	44.554	ng	99
74) Di-n-butylphthalate	11.810	149	2260524	46.422	ng	99
75) Fluoranthene	12.457	202	2030942	42.855	ng	99
77) Benzidine	12.580	184	1000834	112.478	ng	# 92
78) Pyrene	12.686	202	2091048	46.359	ng	98
80) Butylbenzylphthalate	13.309	149	909385	56.940	ng	98
81) Benzo(a)anthracene	13.874	228	1527312	42.210	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	355261	35.541	ng	97
83) Chrysene	13.915	228	1549372	42.830	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	1047928	52.275	ng	99
85) Di-n-octyl phthalate	14.480	149	1684725	51.542	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1423397	54.396	ng	99
88) Benzo(b)fluoranthene	14.903	252	1330524	45.462	ng	98
89) Benzo(k)fluoranthene	14.933	252	1254390	43.238	ng	99
90) Benzo(a)pyrene	15.251	252	1128465	42.362	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1172682	53.732	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1202814	55.824	ng	99

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

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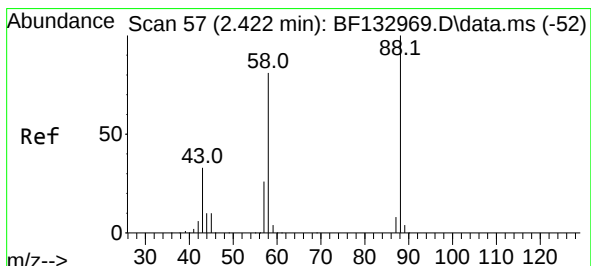
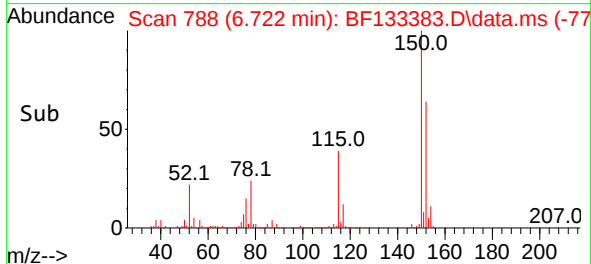
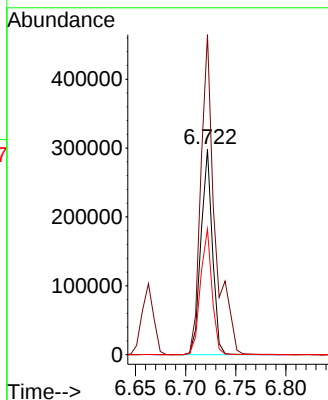
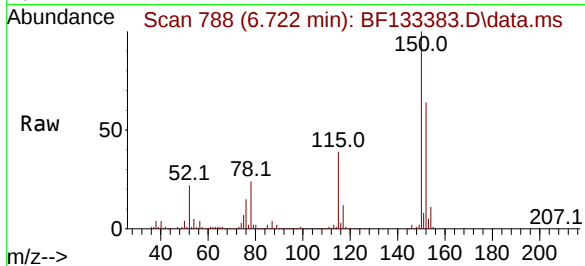




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

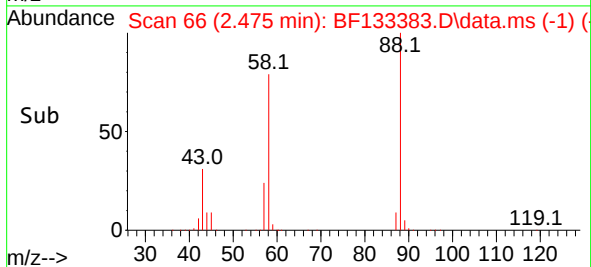
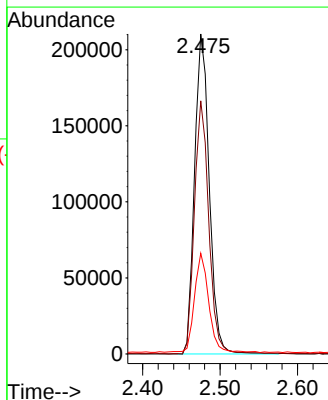
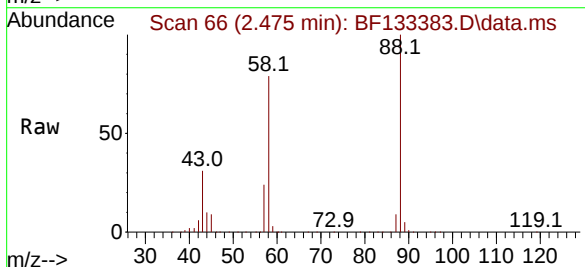
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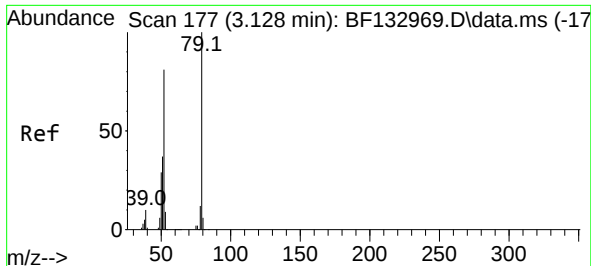
Tgt Ion:152 Resp: 238149
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 61.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.949 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.112 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

Tgt Ion: 88 Resp: 277499
 Ion Ratio Lower Upper
 88 100
 58 78.0 64.7 97.1
 43 30.3 26.2 39.2

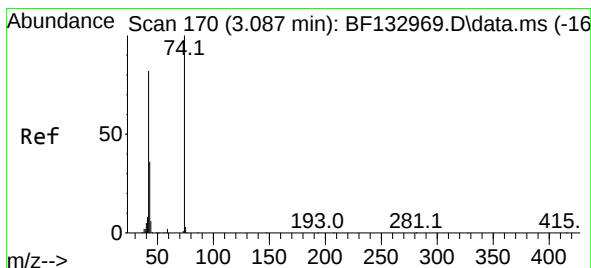
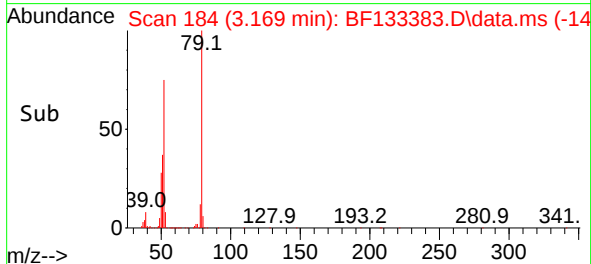
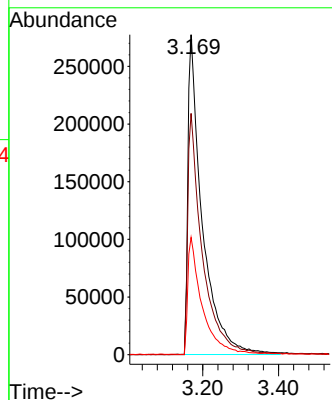
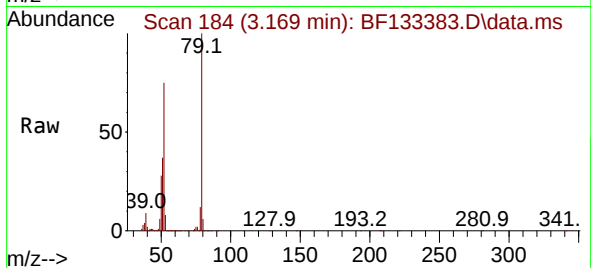




#3
Pyridine
Concen: 37.295 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

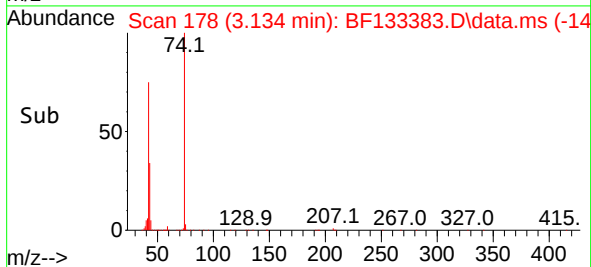
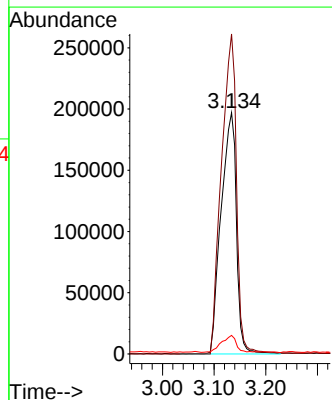
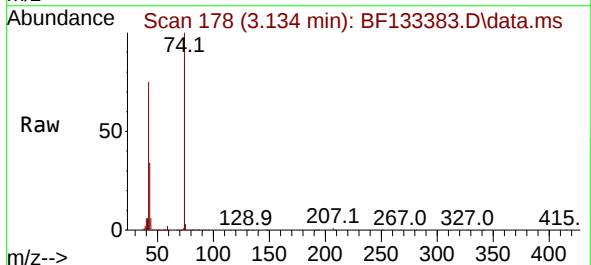
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ClientSampleId :
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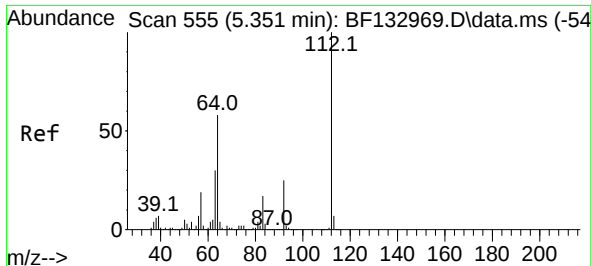
Tgt Ion: 79 Resp: 724326
Ion Ratio Lower Upper
79 100
52 75.4 64.6 96.8
51 36.7 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 40.294 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.112 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 42 Resp: 405348
Ion Ratio Lower Upper
42 100
74 132.6 98.0 147.0
44 7.7 5.8 8.8

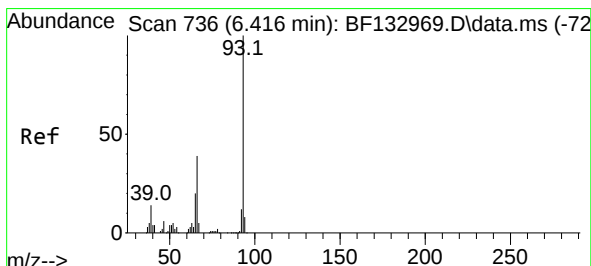
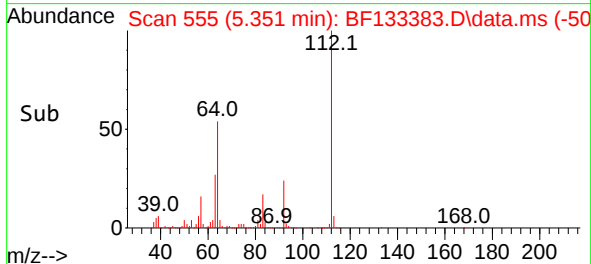
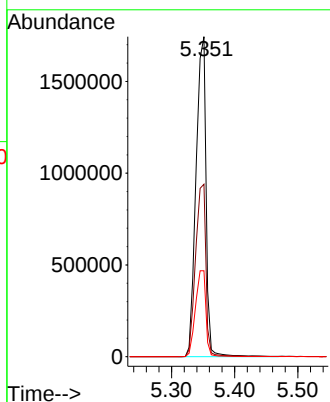
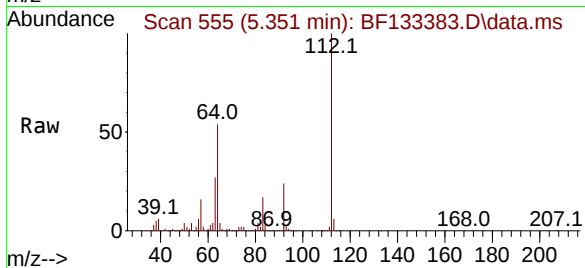




#5
2-Fluorophenol
Concen: 121.743 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

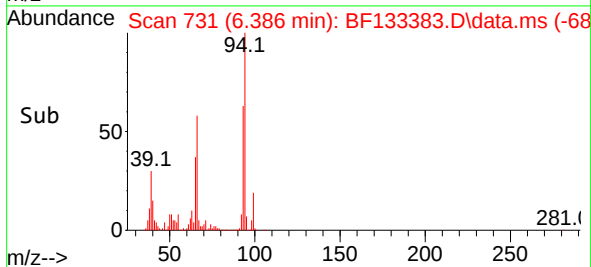
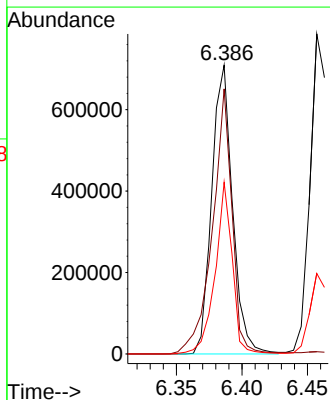
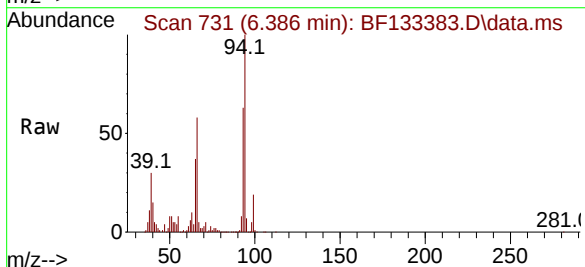
Instrument :
BNA_F
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Tgt Ion:112 Resp: 1919284
Ion Ratio Lower Upper
112 100
64 53.9 46.8 70.2
63 26.8 23.8 35.8



#6
Aniline
Concen: 31.023 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 93 Resp: 781867
Ion Ratio Lower Upper
93 100
66 91.8 31.5 47.3#
65 59.4 16.4 24.6#





#7

Phenol-d6

Concen: 117.080 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

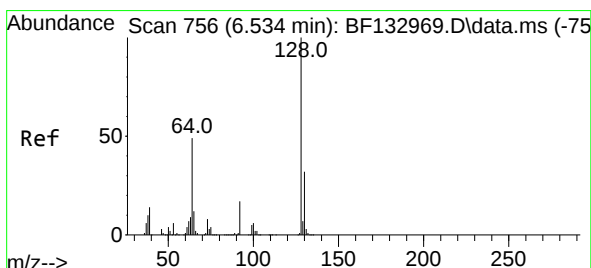
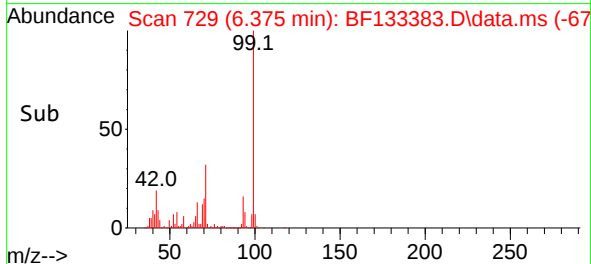
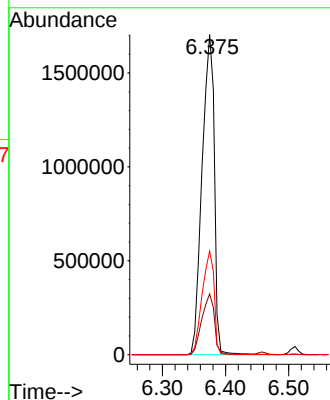
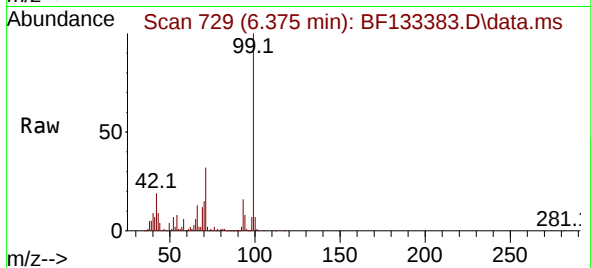
Tgt Ion: 99 Resp: 2291001

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

71 32.4 25.6 38.4



#8

2-Chlorophenol

Concen: 48.276 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

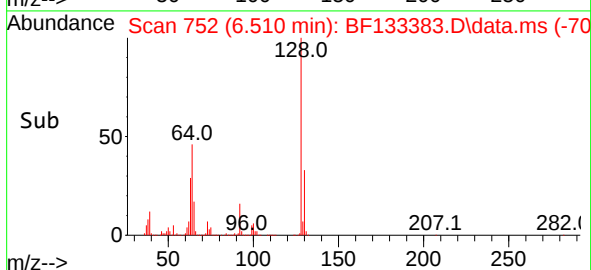
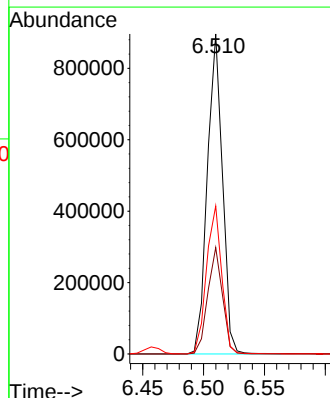
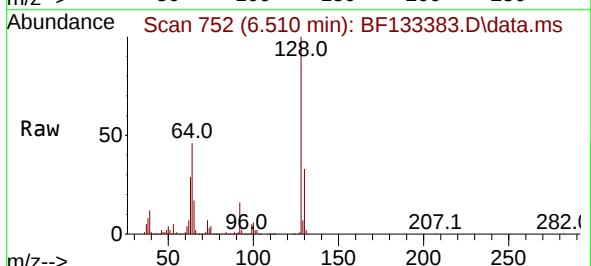
Tgt Ion:128 Resp: 772743

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 46.3 30.3 70.3

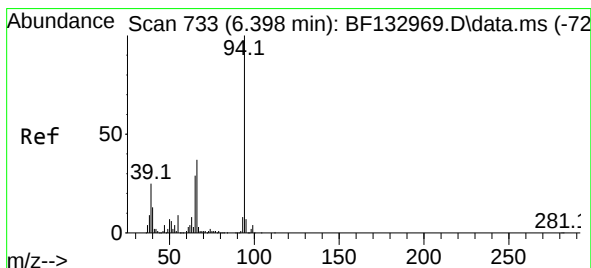
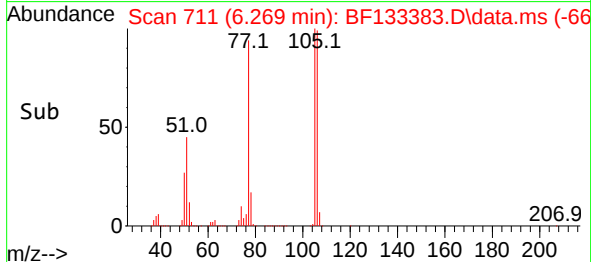
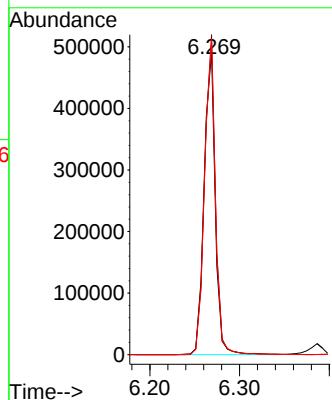
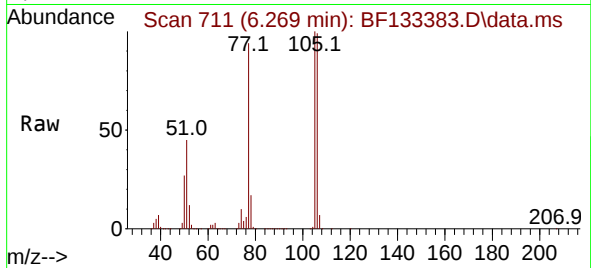




#9
Benzaldehyde
Concen: 51.909 ng
RT: 6.269 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

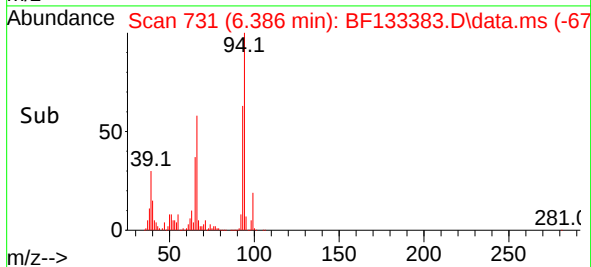
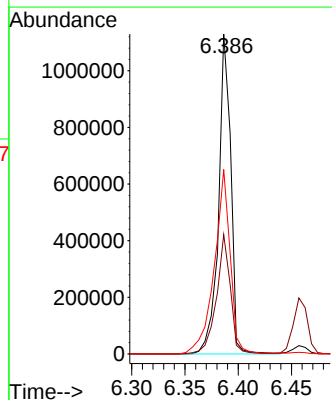
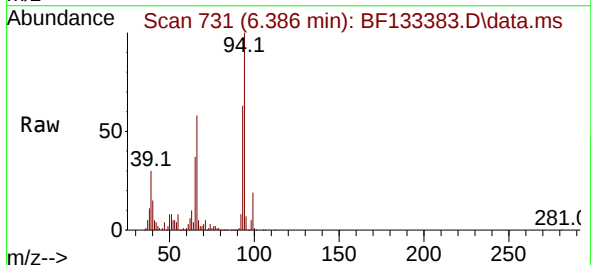
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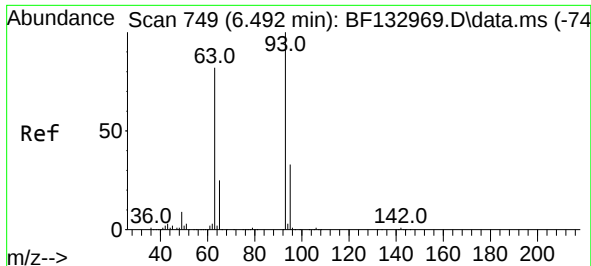
Tgt Ion: 77 Resp: 423687
Ion Ratio Lower Upper
77 100
105 105.8 82.3 122.3
106 104.3 80.8 120.8



#10
Phenol
Concen: 41.508 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 94 Resp: 896026
Ion Ratio Lower Upper
94 100
65 37.3 8.6 48.6
66 57.6 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.378 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

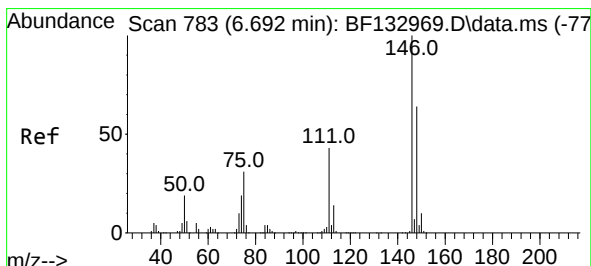
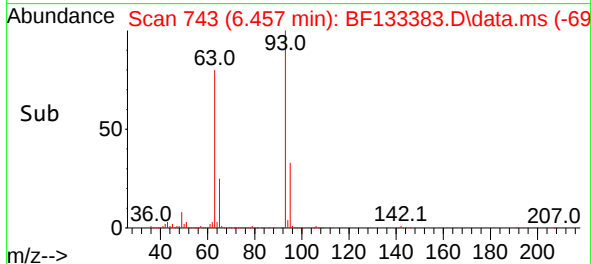
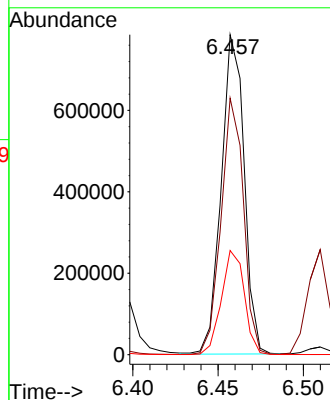
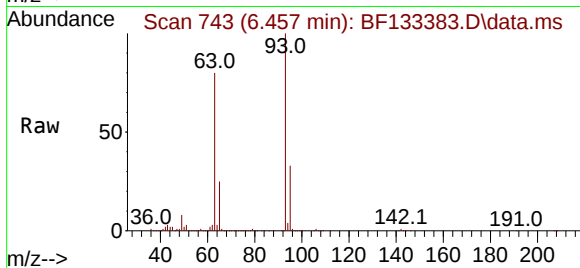
Tgt Ion: 93 Resp: 735077

Ion Ratio Lower Upper

93 100

63 80.2 60.6 100.6

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.535 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

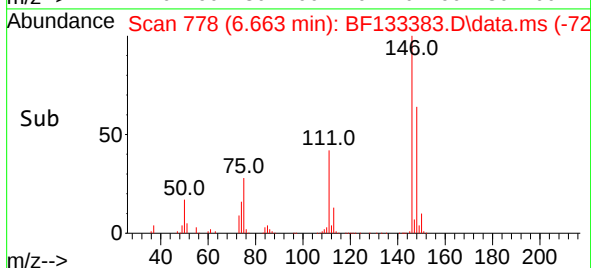
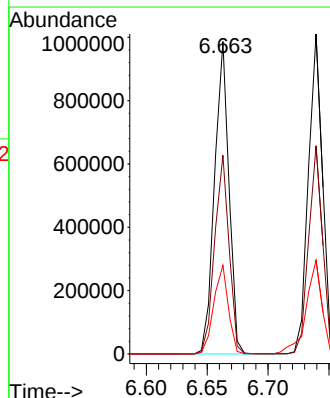
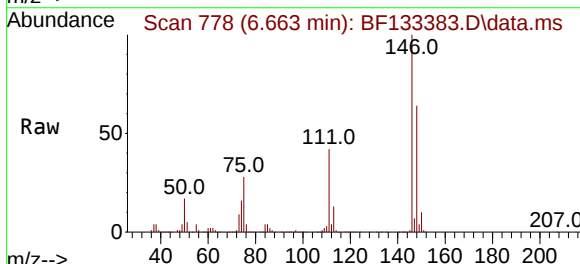
Tgt Ion: 146 Resp: 808957

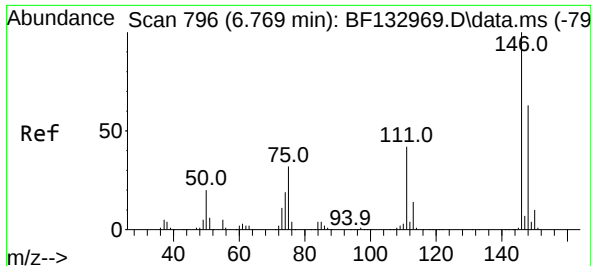
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 28.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.111 ng

RT: 6.739 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

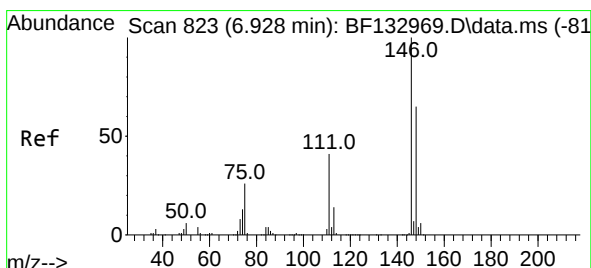
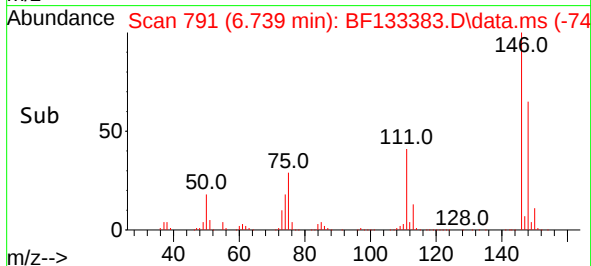
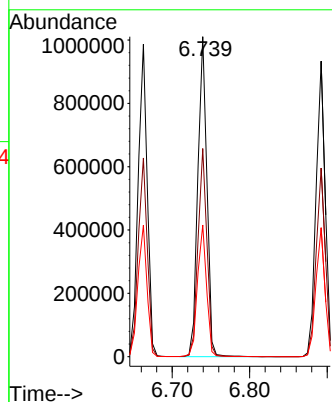
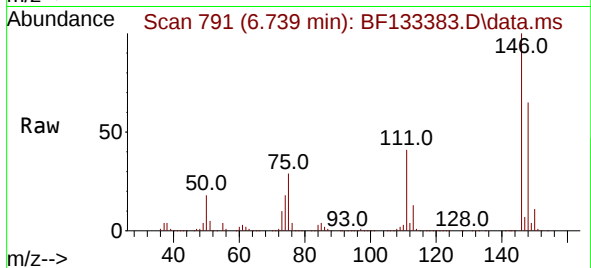
Tgt Ion:146 Resp: 820567

Ion Ratio Lower Upper

146 100

148 65.1 50.3 75.5

111 41.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 49.278 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

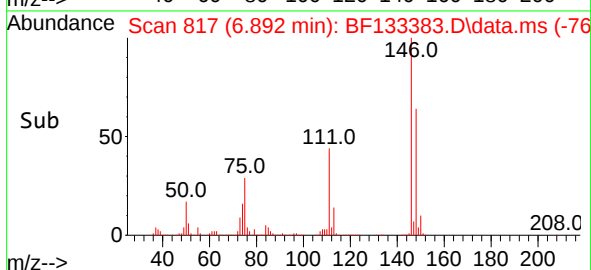
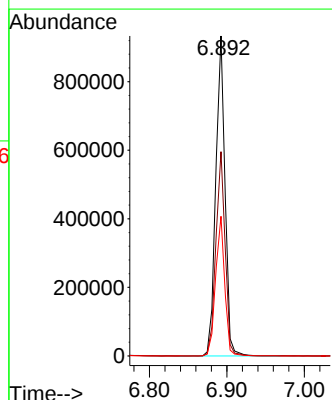
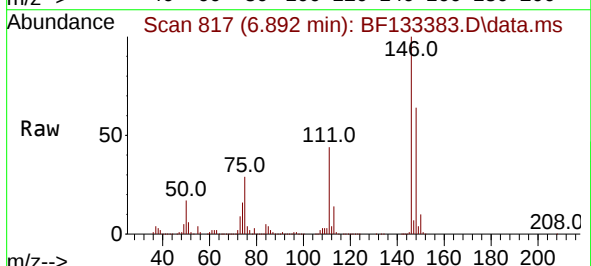
Tgt Ion:146 Resp: 774858

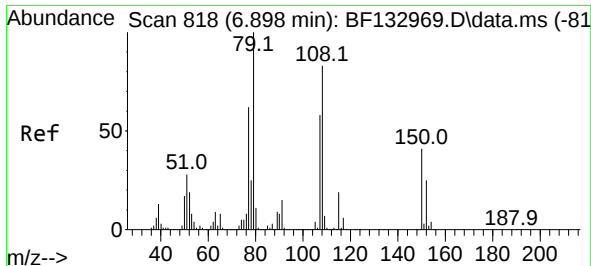
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 43.6 32.8 49.2

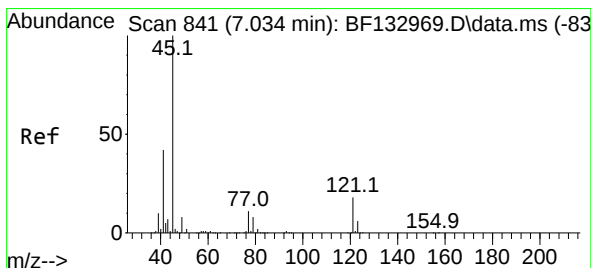
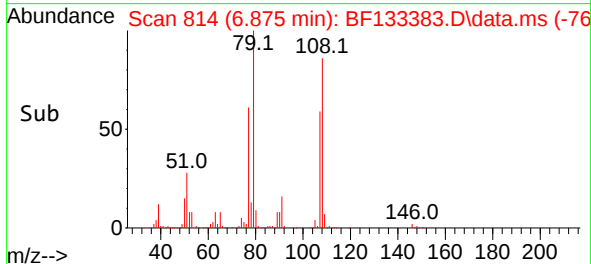
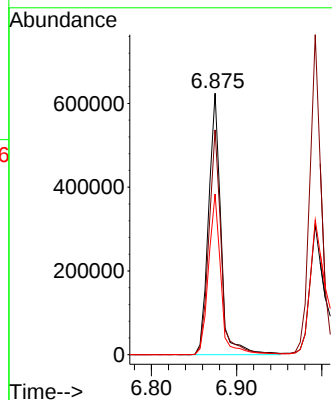
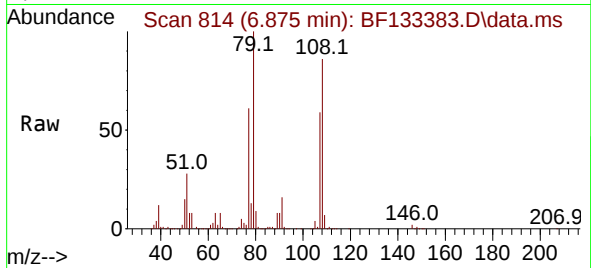




#15
Benzyl Alcohol
Concen: 46.423 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

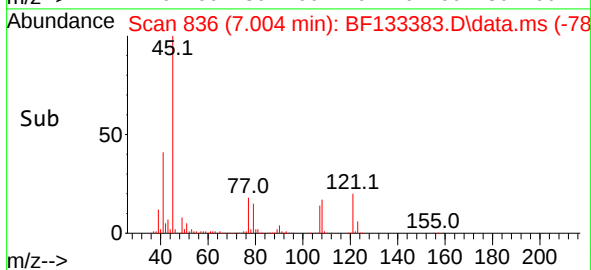
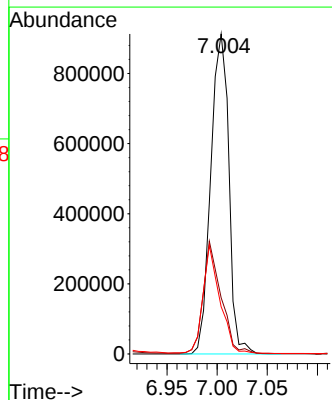
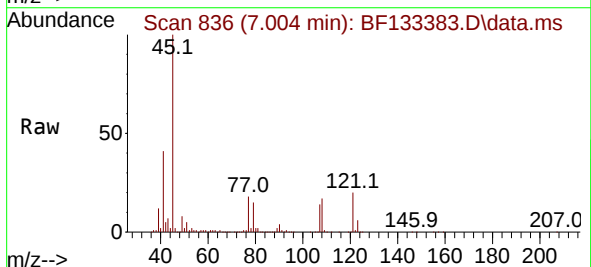
Instrument :
BNA_F
ClientSampleId :
PB152781BS

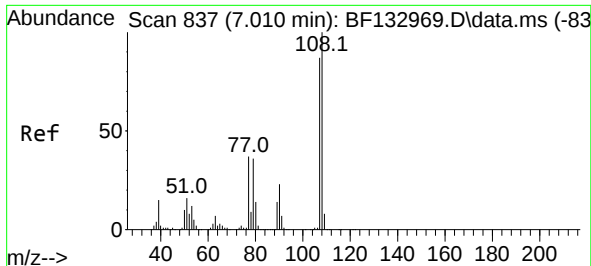
Tgt Ion: 79 Resp: 627483
Ion Ratio Lower Upper
79 100
108 86.0 66.6 99.8
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.545 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 45 Resp: 1140769
Ion Ratio Lower Upper
45 100
77 17.5 0.0 31.5
79 14.8 0.0 28.7

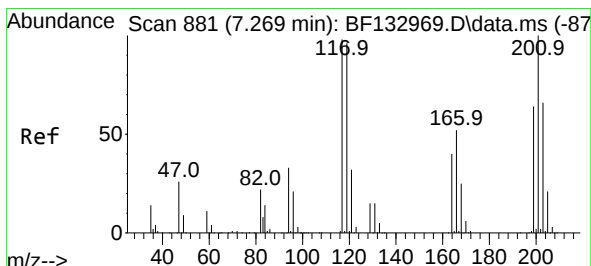
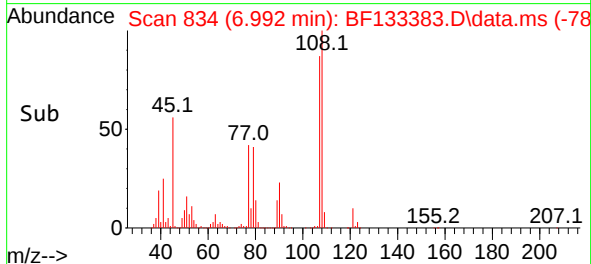
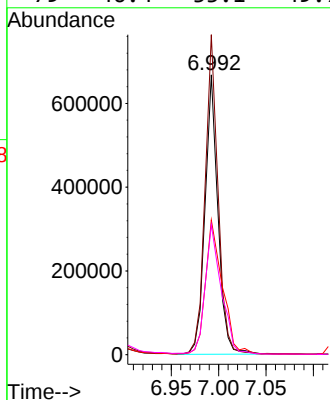
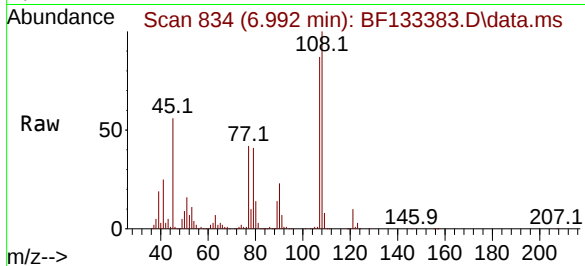




#17
2-Methylphenol
Concen: 43.108 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

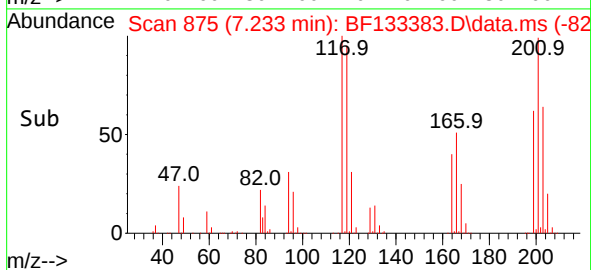
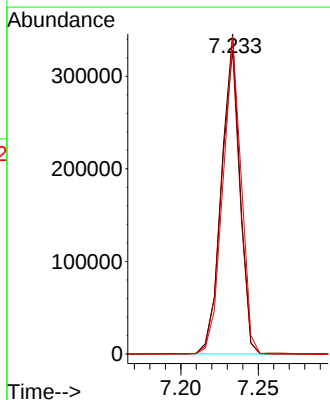
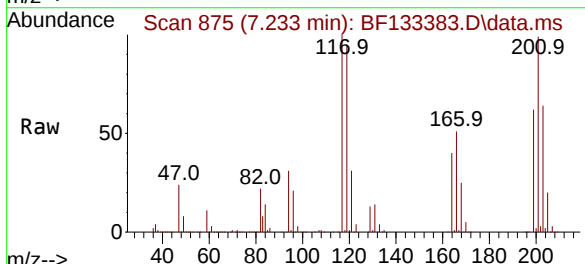
Instrument :
BNA_F
ClientSampleId :
PB152781BS

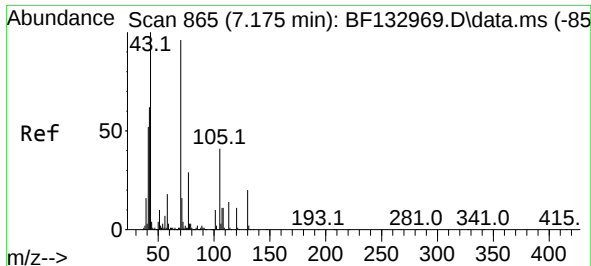
Tgt Ion:	107	Resp:	631833
Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.4	138.6
77	48.2	33.8	50.8
79	46.4	33.1	49.7



#18
Hexachloroethane
Concen: 47.878 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:	117	Resp:	283903
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	99.2	81.7	122.5

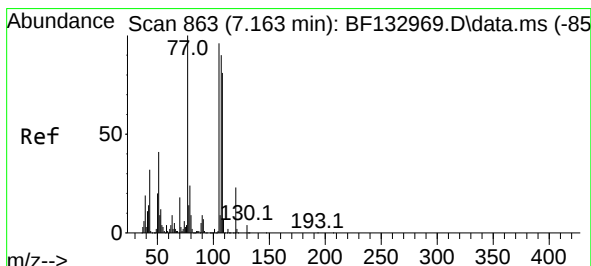
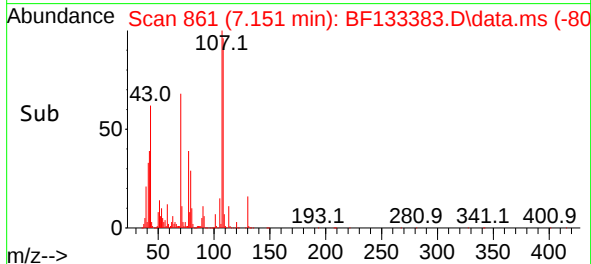
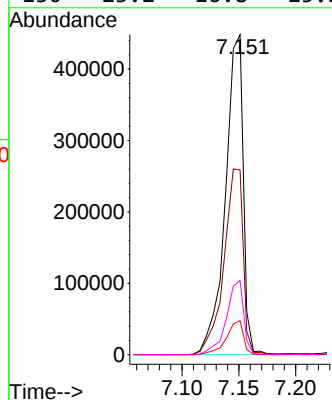
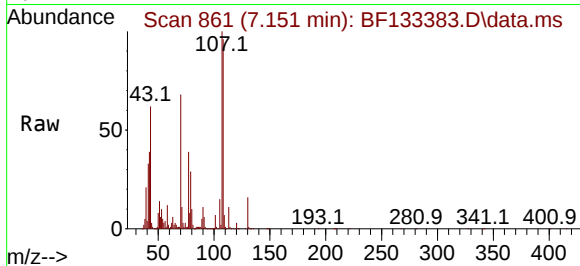




#19
n-Nitroso-di-n-propylamine
Concen: 40.394 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

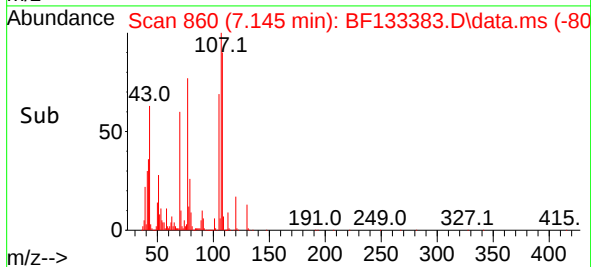
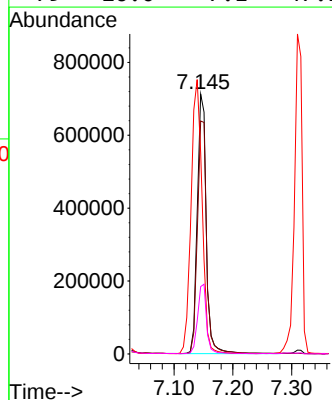
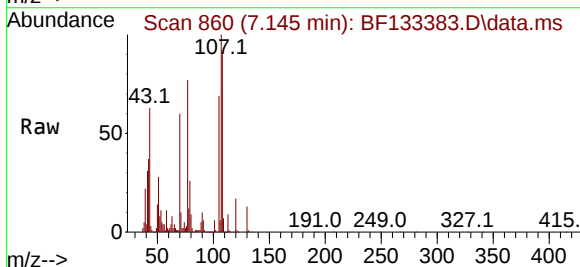
Instrument :
BNA_F
ClientSampleId :
PB152781BS

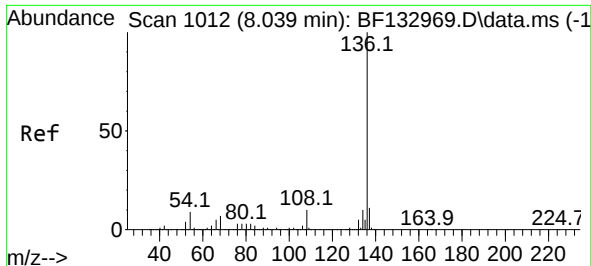
Tgt Ion: 70 Resp: 492074
Ion Ratio Lower Upper
70 100
42 57.7 51.8 77.6
101 10.6 8.0 12.0
130 23.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.726 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 107 Resp: 754754
Ion Ratio Lower Upper
107 100
108 89.7 70.5 110.5
77 77.4 91.7 131.7#
79 26.0 7.1 47.1



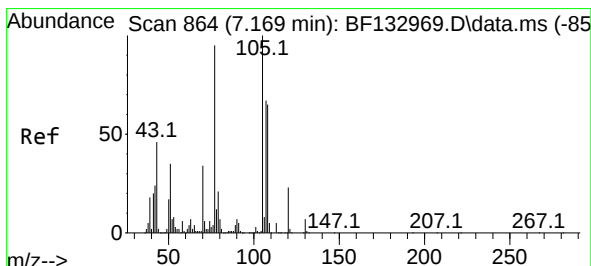
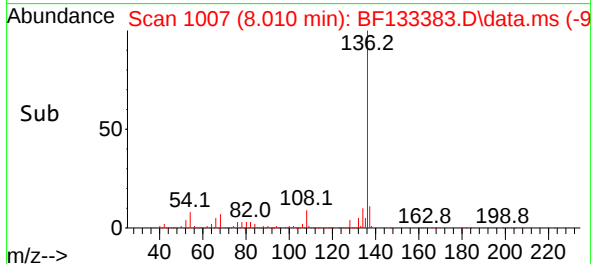
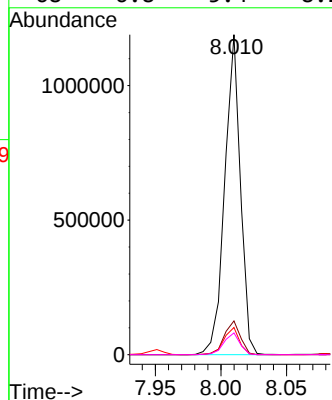
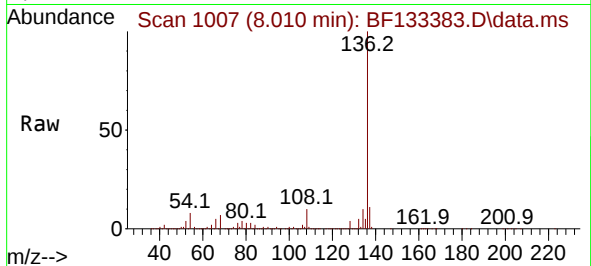


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB152781BS

Tgt Ion:136 Resp: 987184

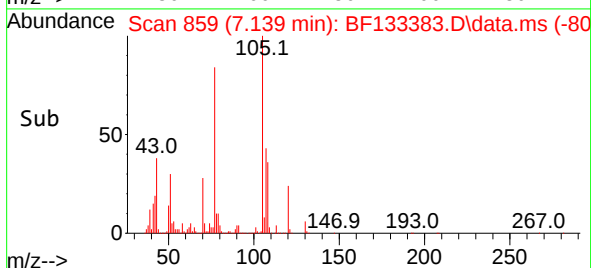
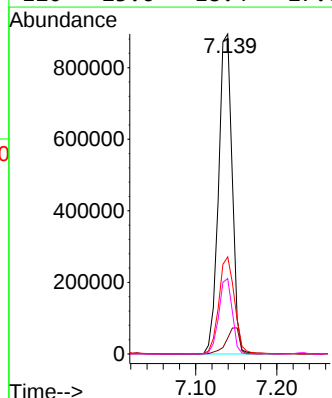
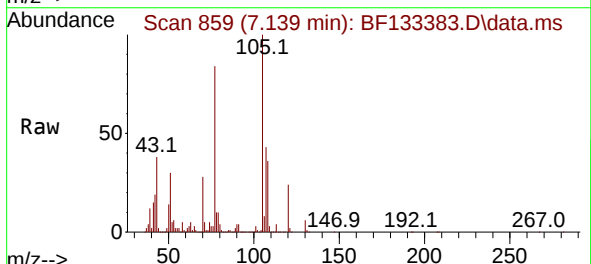
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.5	7.0	10.4
68	6.8	5.4	8.2

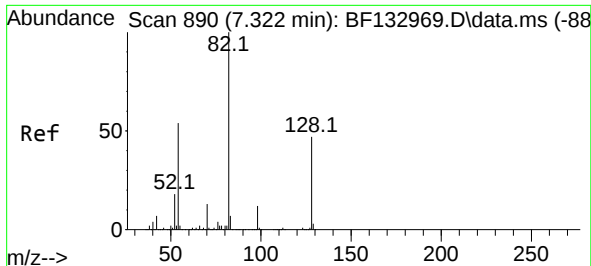


#22
Acetophenone
Concen: 45.787 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:105 Resp: 1047047

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.6	7.0
51	30.3	28.2	42.2
120	23.6	18.4	27.6





#23

Nitrobenzene-d5

Concen: 81.187 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

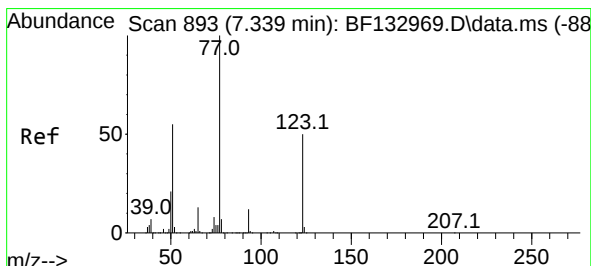
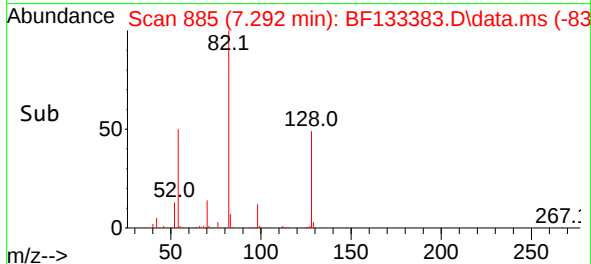
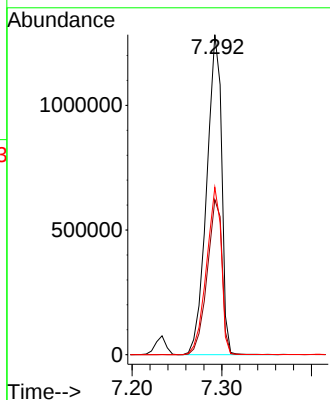
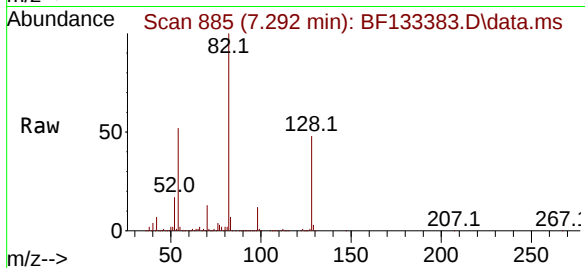
BNA_F

ClientSampleId :

PB152781BS

Tgt Ion: 82 Resp: 1484832

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	52.3	43.0	64.4



#24

Nitrobenzene

Concen: 42.705 ng

RT: 7.310 min Scan# 888

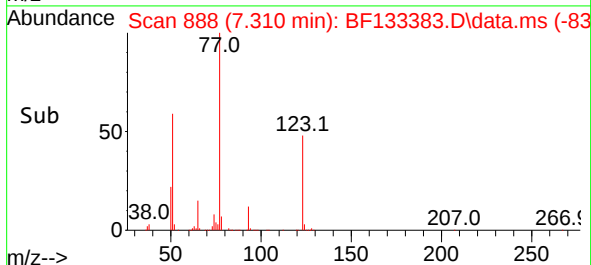
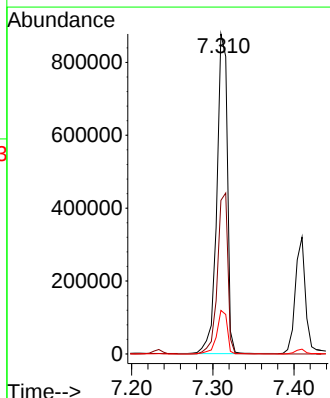
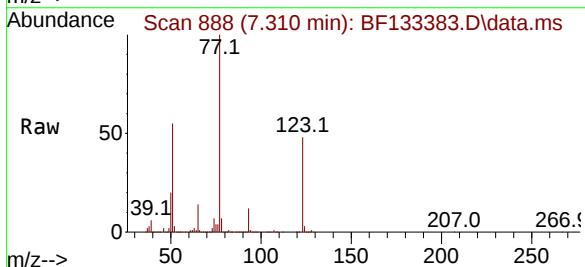
Delta R.T. -0.000 min

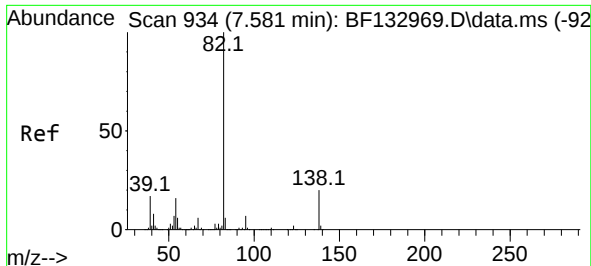
Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion: 77 Resp: 791434

Ion	Ratio	Lower	Upper
77	100		
123	48.0	39.9	59.9
65	13.6	10.7	16.1

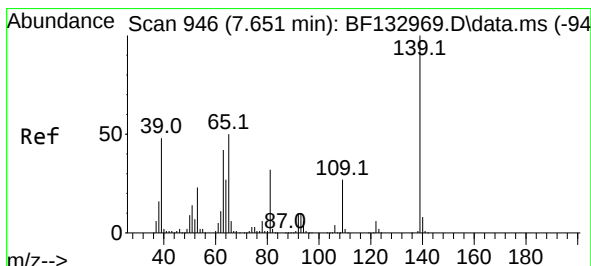
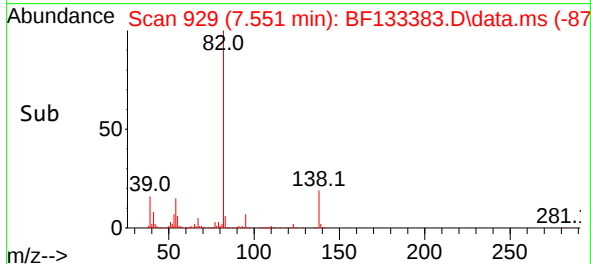
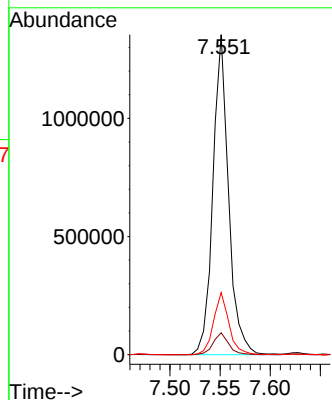
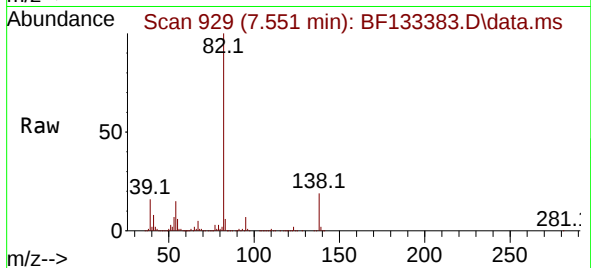




#25
Isophorone
Concen: 42.291 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

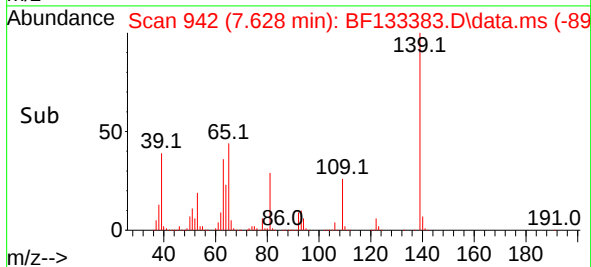
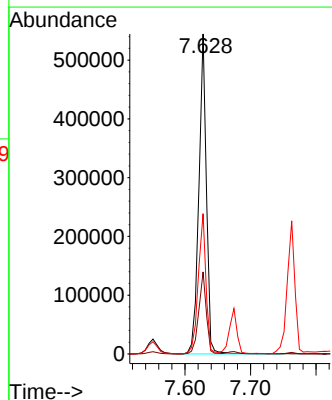
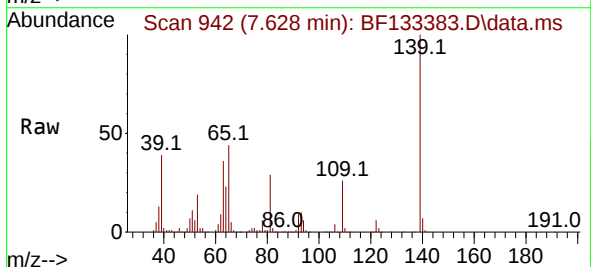
Instrument :
BNA_F
ClientSampleId :
PB152781BS

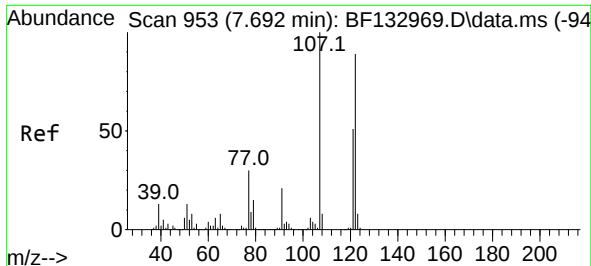
Tgt Ion: 82 Resp: 1468550
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 49.052 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 139 Resp: 438472
Ion Ratio Lower Upper
139 100
109 25.6 21.6 32.4
65 43.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.989 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

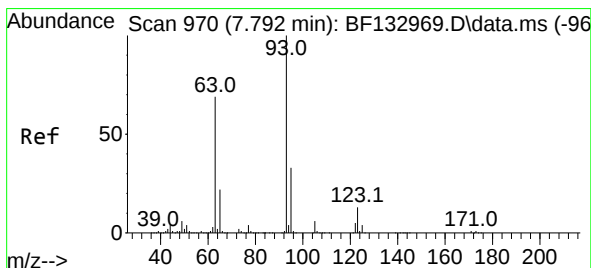
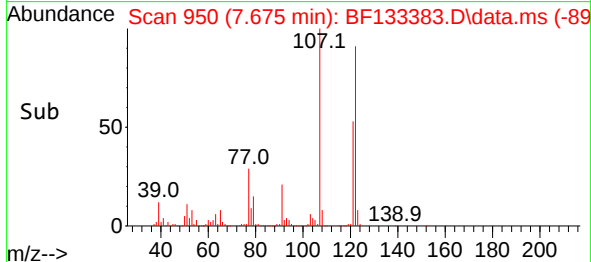
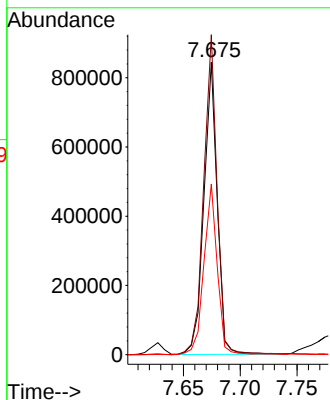
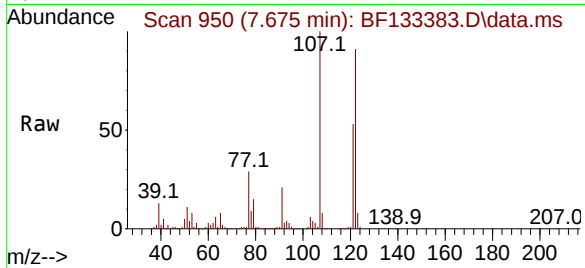
Tgt Ion:122 Resp: 689578

Ion Ratio Lower Upper

122 100

107 109.4 89.7 134.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.558 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

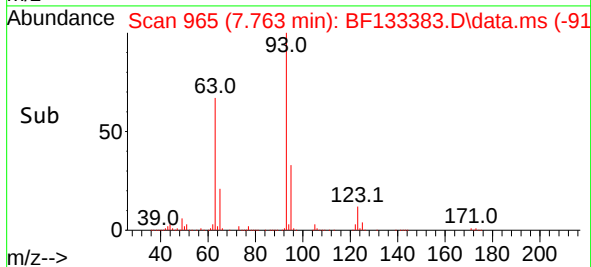
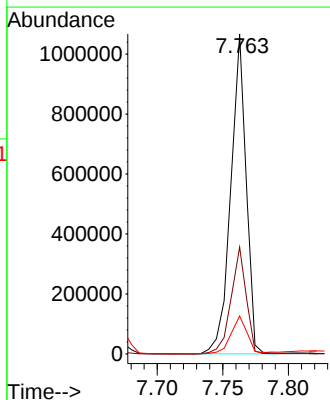
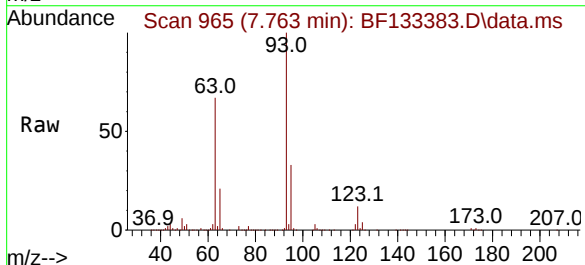
Tgt Ion: 93 Resp: 874249

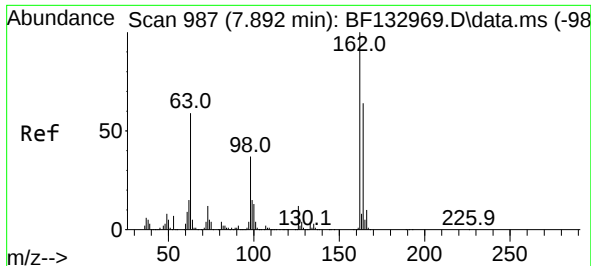
Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

123 11.9 10.3 15.5

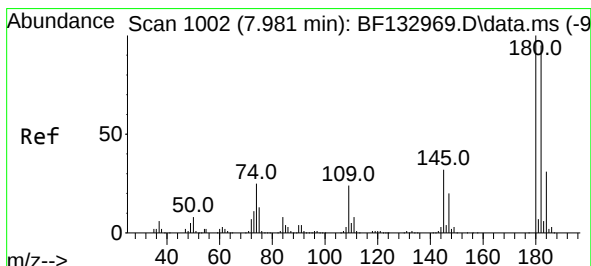
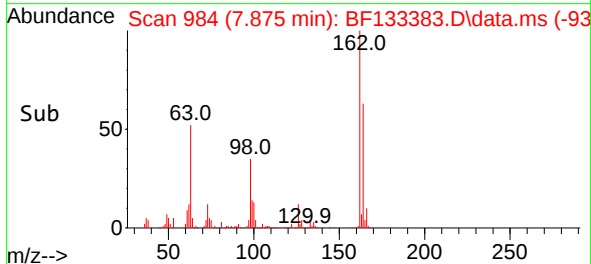
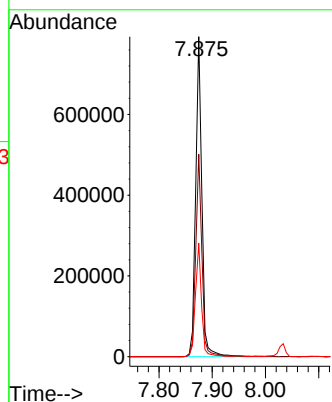
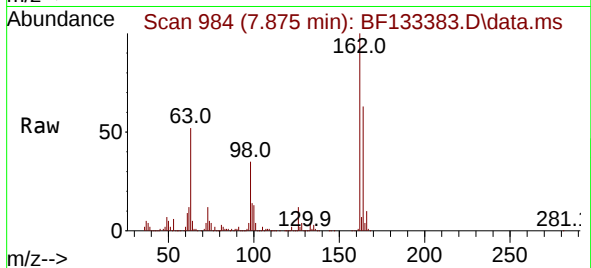




#29
2,4-Dichlorophenol
Concen: 46.143 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

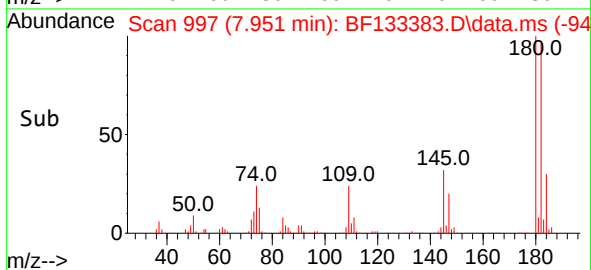
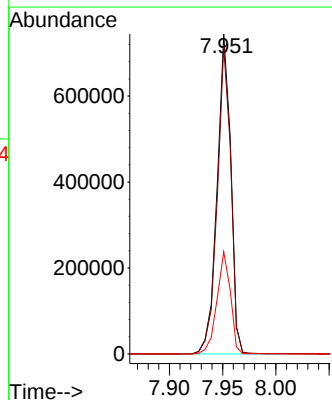
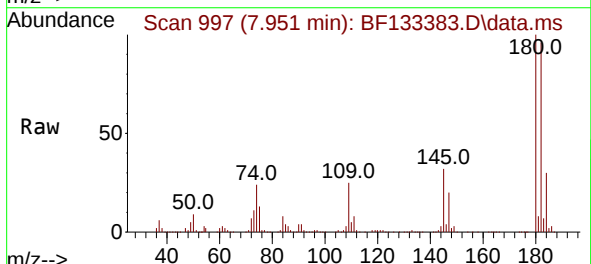
Instrument :
BNA_F
ClientSampleId :
PB152781BS

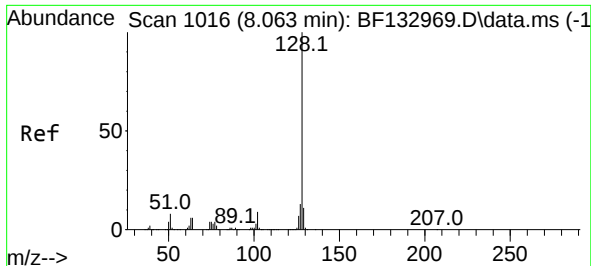
Tgt Ion:162 Resp: 643864
Ion Ratio Lower Upper
162 100
164 63.3 43.9 83.9
98 35.4 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 46.015 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:180 Resp: 665185
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 31.9 25.3 37.9

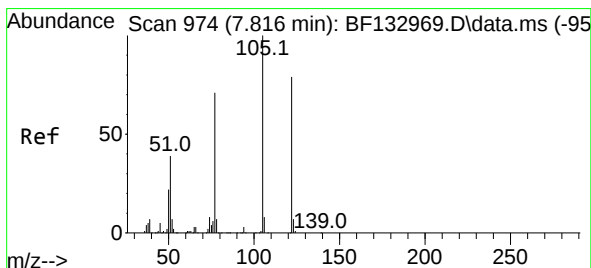
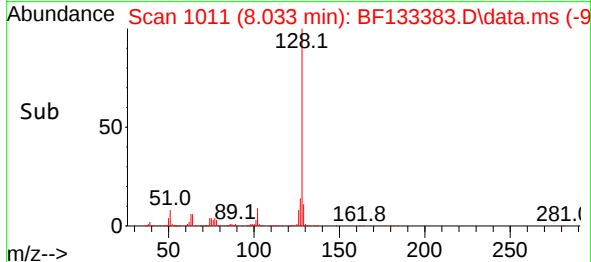
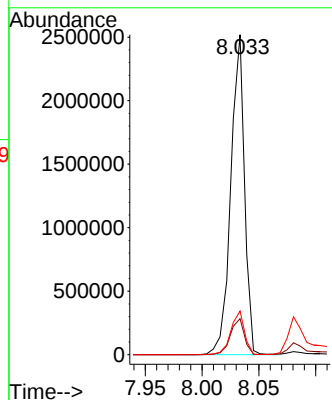
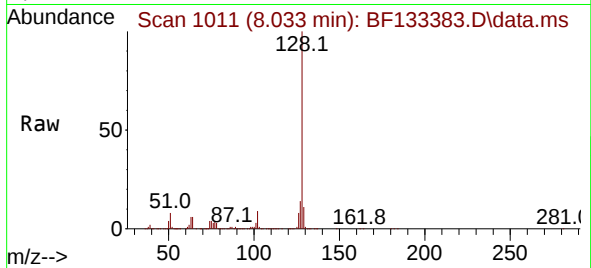




#31
Naphthalene
Concen: 42.844 ng
RT: 8.033 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

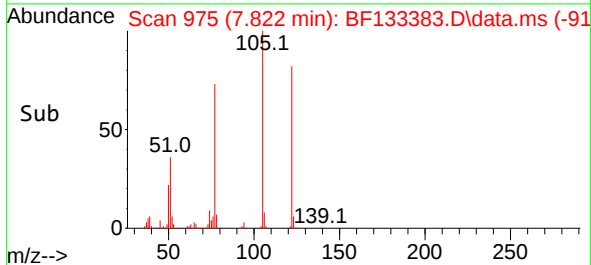
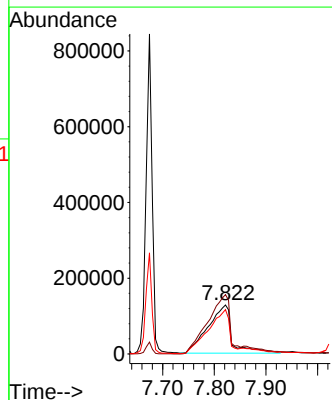
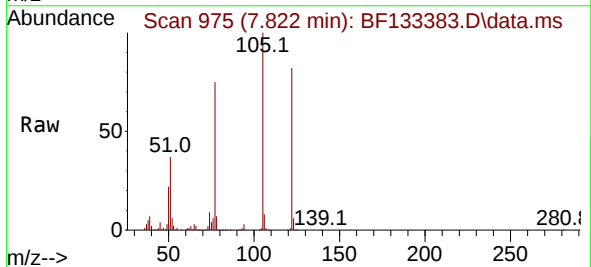
Instrument :
BNA_F
ClientSampleId :
PB152781BS

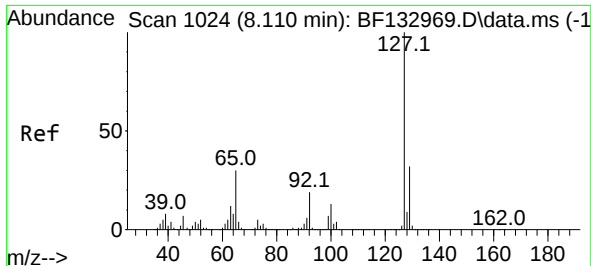
Tgt Ion:128 Resp: 2114626
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 43.611 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.029 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:122 Resp: 412900
Ion Ratio Lower Upper
122 100
105 121.5 104.2 144.2
77 90.8 69.7 109.7

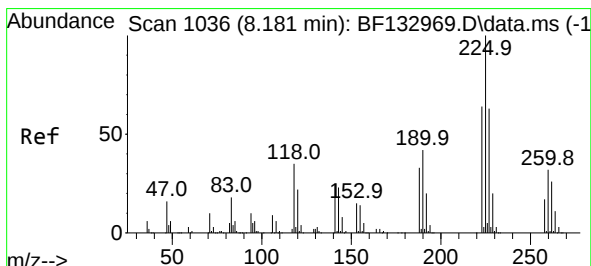
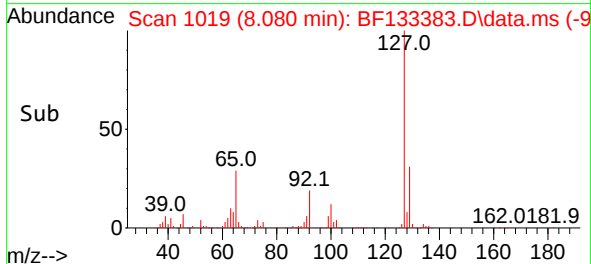
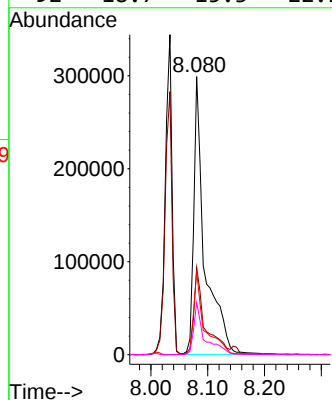
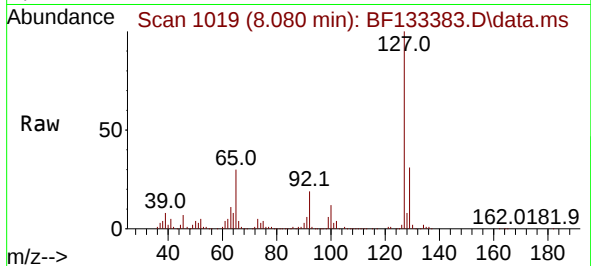




#33
4-Chloroaniline
Concen: 20.365 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

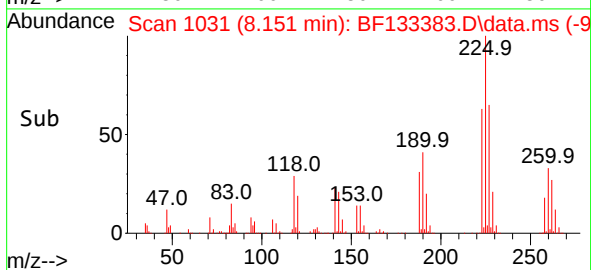
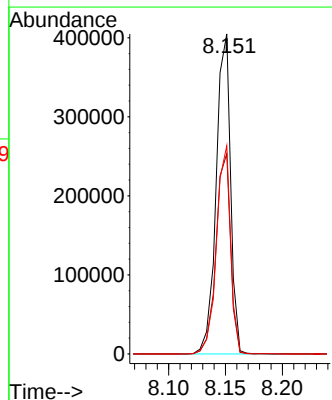
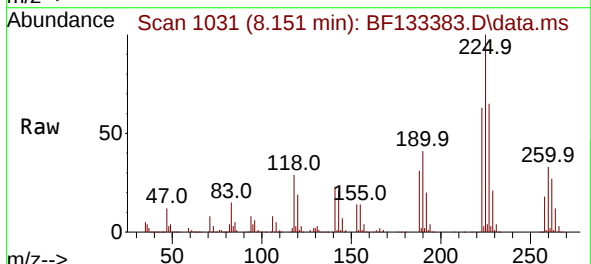
Instrument :
BNA_F
ClientSampleId :
PB152781BS

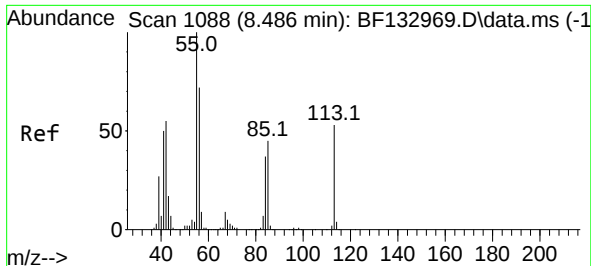
Tgt Ion:	127	Resp:	406106
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.8	38.8
65	30.0	23.6	35.4
92	18.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.535 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:	225	Resp:	356818
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.9	76.3
227	65.0	50.3	75.5

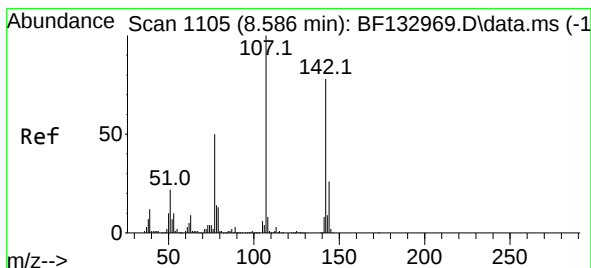
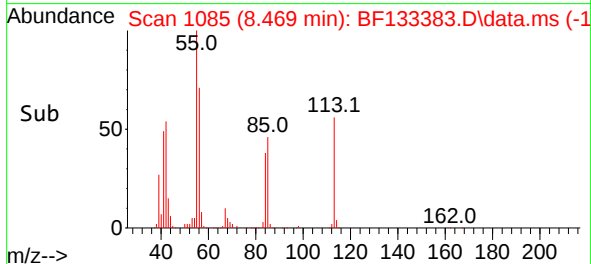
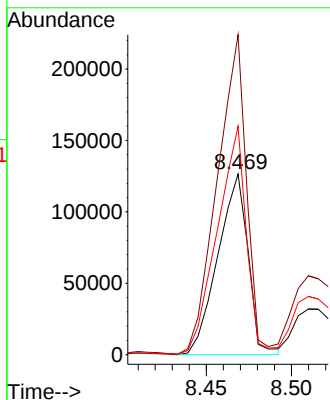
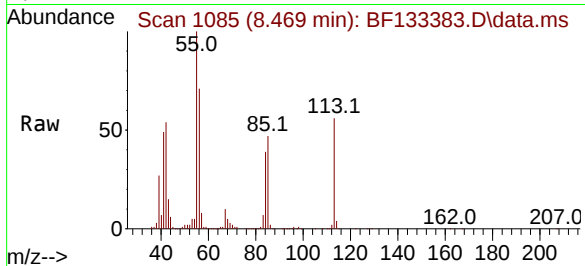




#35
 Caprolactam
 Concen: 33.109 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

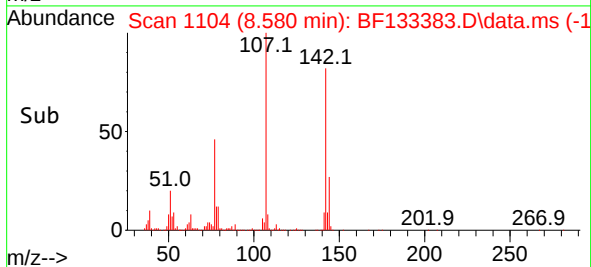
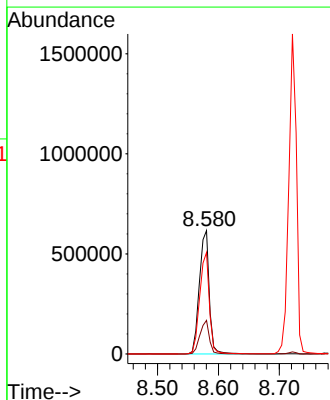
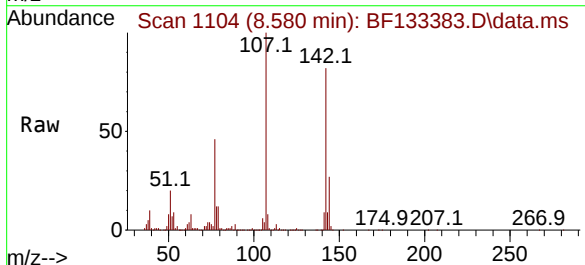
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS

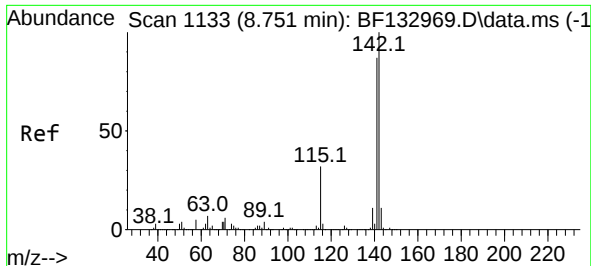
Tgt Ion:113 Resp: 155199
 Ion Ratio Lower Upper
 113 100
 55 177.1 167.1 207.1
 56 126.4 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.088 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

Tgt Ion:107 Resp: 693483
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.6 30.8
 142 82.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.527 ng

RT: 8.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

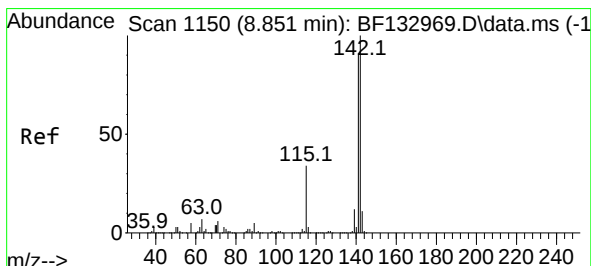
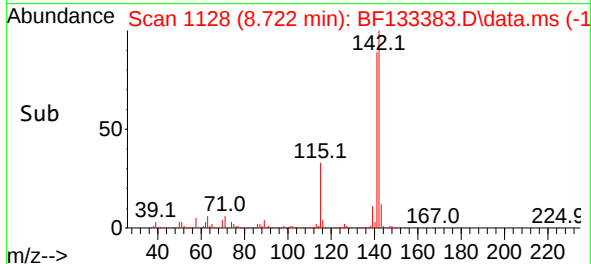
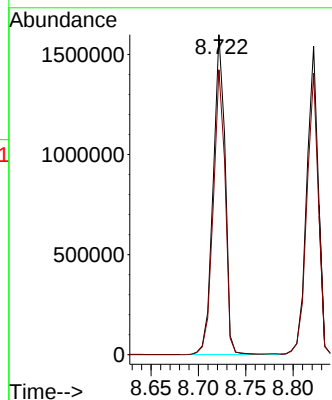
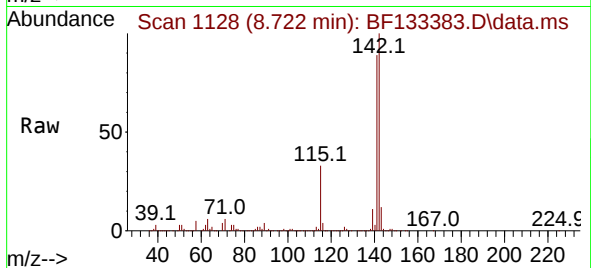
PB152781BS

Tgt Ion:142 Resp: 1401258

Ion Ratio Lower Upper

142 100

141 89.0 69.4 104.0



#38

1-Methylnaphthalene

Concen: 41.559 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF133383.D

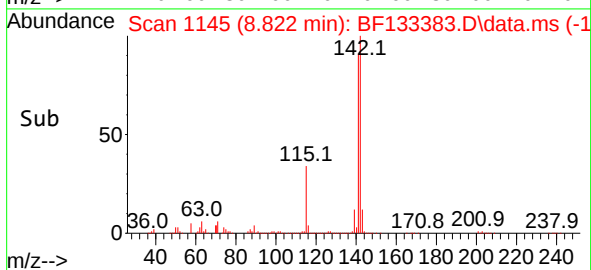
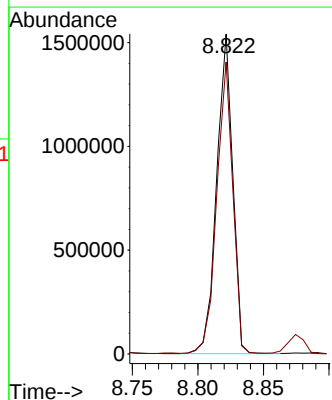
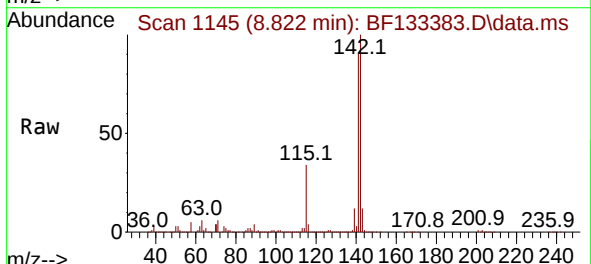
Acq: 15 May 2023 13:28

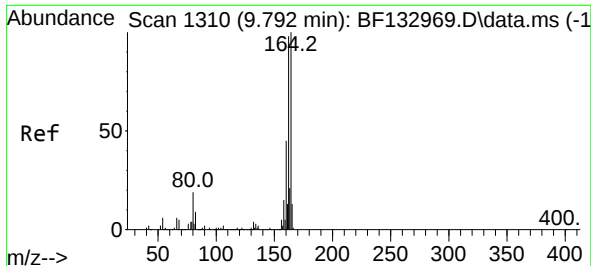
Tgt Ion:142 Resp: 1311886

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7

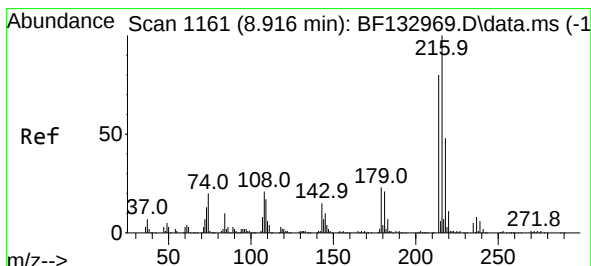
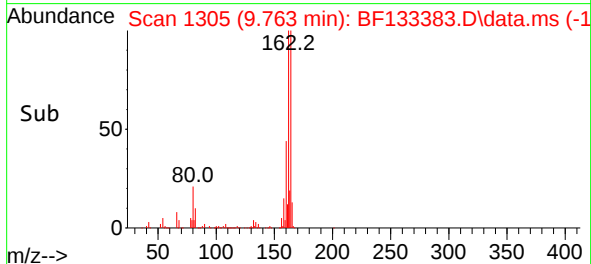
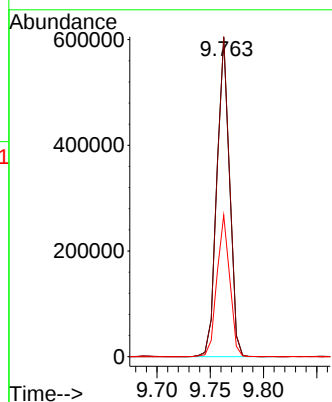
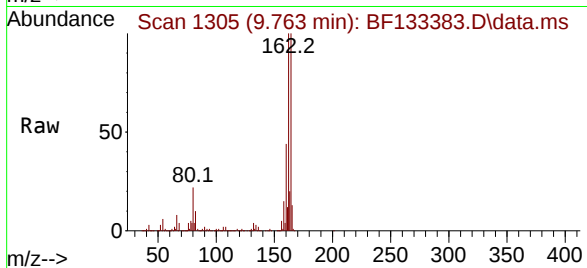




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

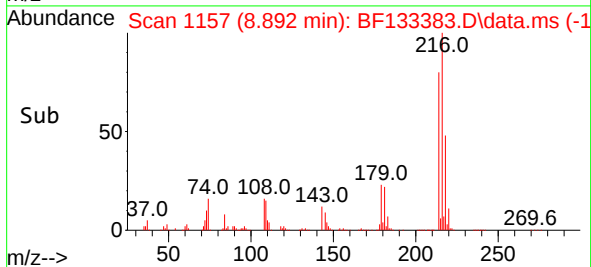
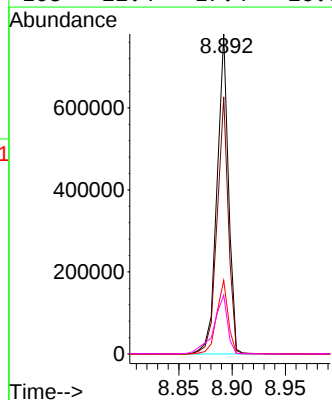
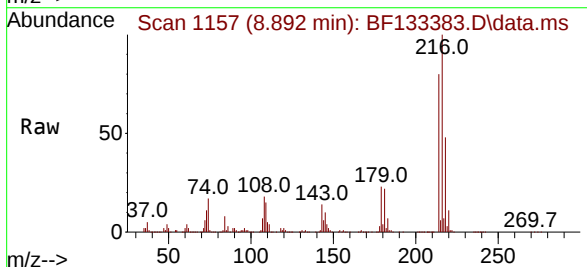
Instrument :
BNA_F
ClientSampleId :
PB152781BS

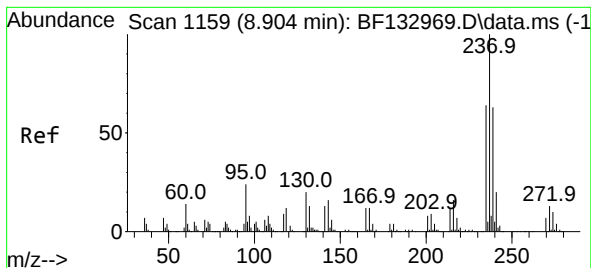
Tgt Ion:164 Resp: 498002
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.607 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:216 Resp: 583898
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 22.9 17.4 26.2
108 22.4 17.4 26.0





#41

Hexachlorocyclopentadiene

Concen: 86.140 ng

RT: 8.874 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

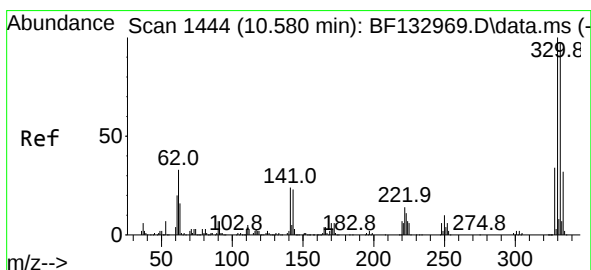
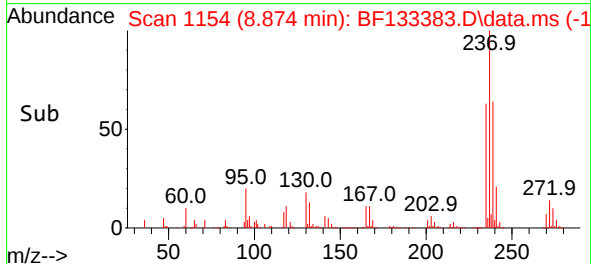
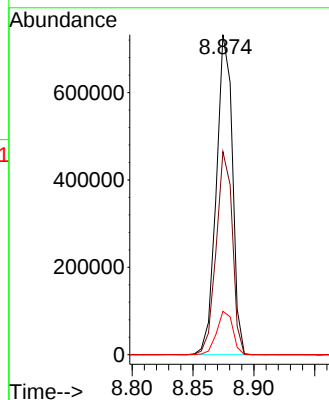
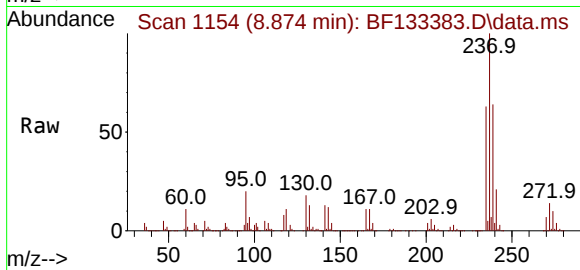
Tgt Ion:237 Resp: 672669

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

272 13.5 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 120.889 ng

RT: 10.557 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

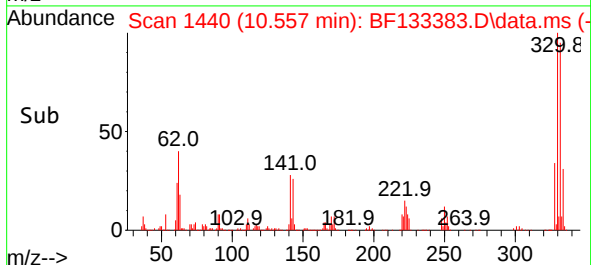
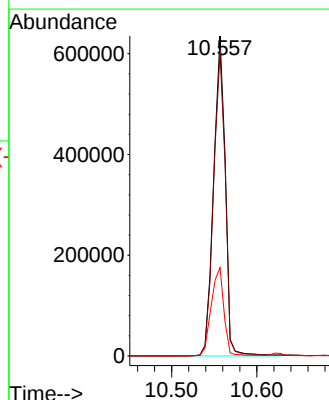
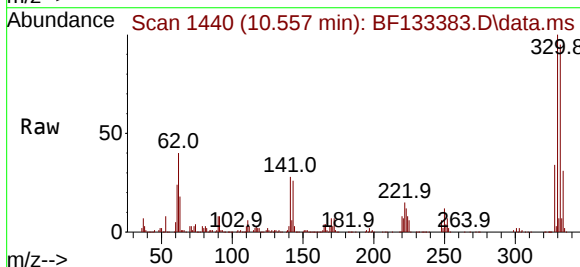
Tgt Ion:330 Resp: 605457

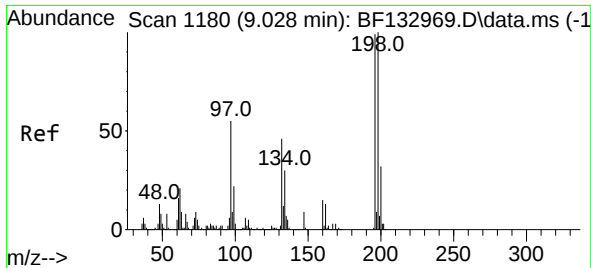
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 30.0 25.8 38.8

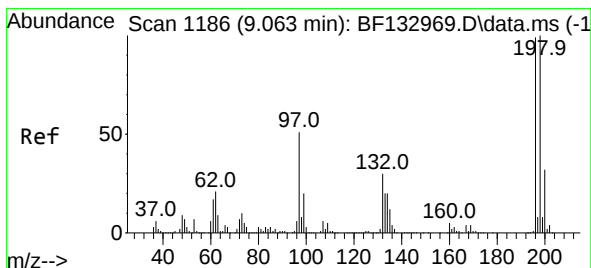
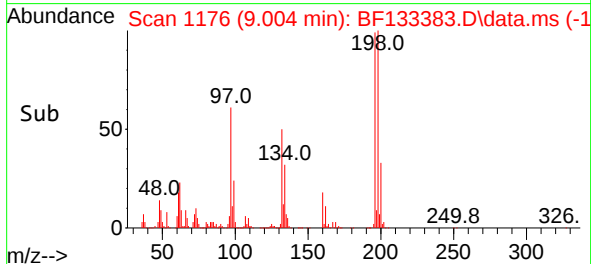
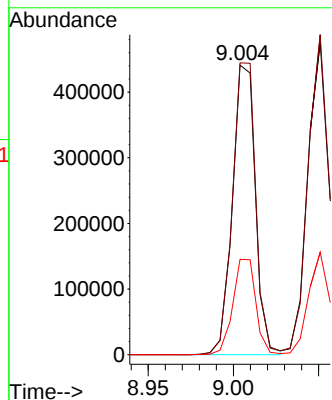
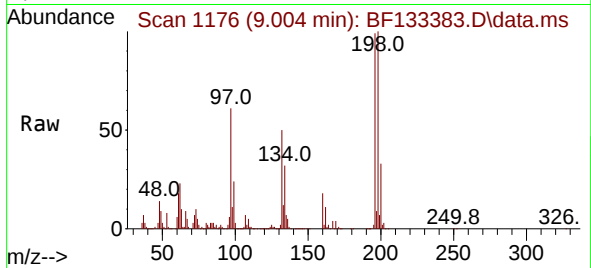




#43
2,4,6-Trichlorophenol
Concen: 44.563 ng
RT: 9.004 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

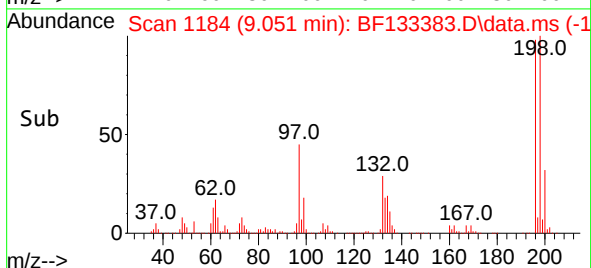
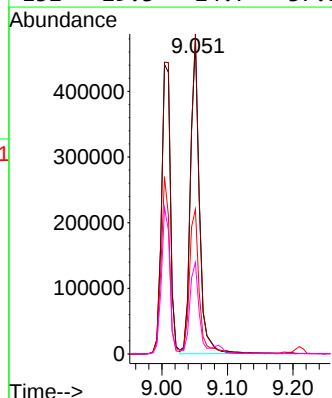
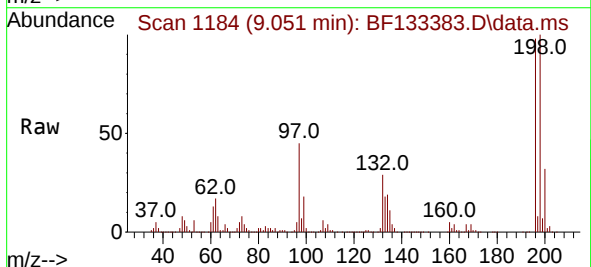
Instrument :
BNA_F
ClientSampleId :
PB152781BS

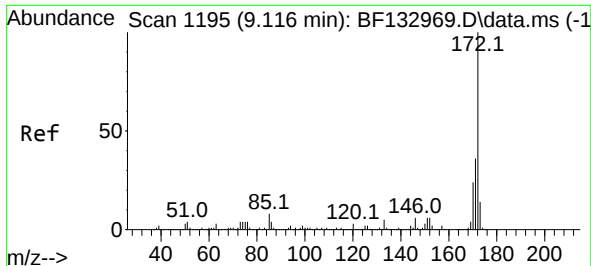
Tgt Ion:196 Resp: 412657
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 32.9 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 42.561 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:196 Resp: 455811
Ion Ratio Lower Upper
196 100
198 102.5 80.9 121.3
97 46.3 41.3 61.9
132 29.3 24.7 37.1

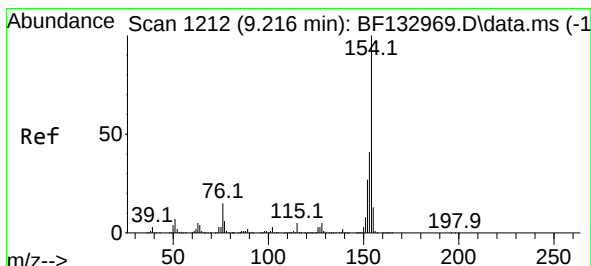
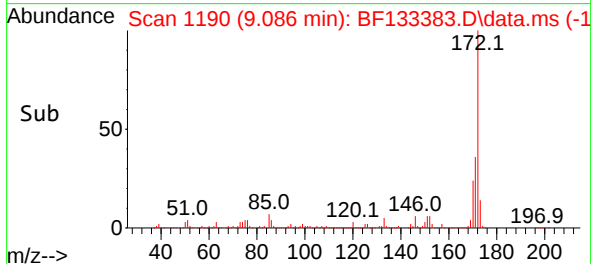
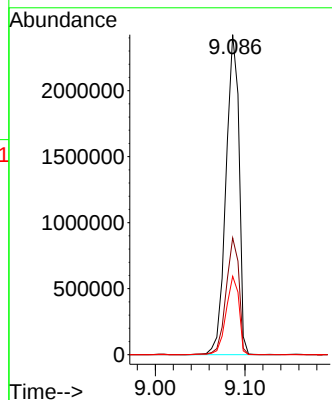
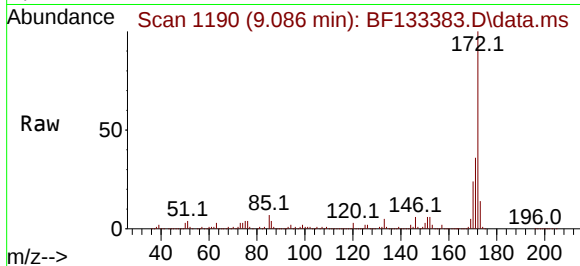




#45
2-Fluorobiphenyl
Concen: 82.295 ng
RT: 9.086 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

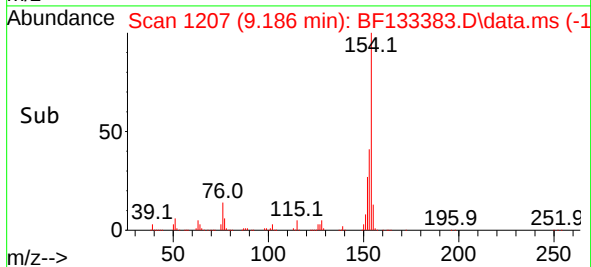
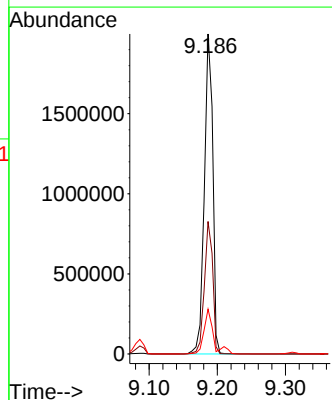
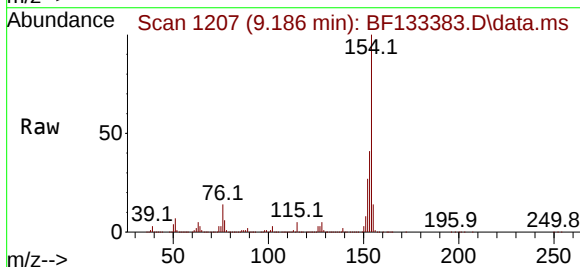
Instrument :
BNA_F
ClientSampleId :
PB152781BS

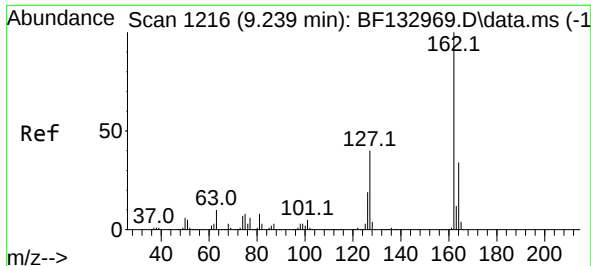
Tgt Ion:172 Resp: 2449676
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 43.567 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:154 Resp: 1720435
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 14.0 0.0 34.5

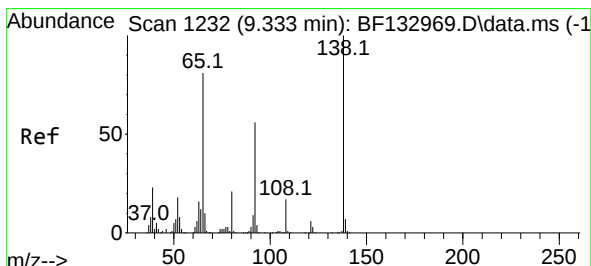
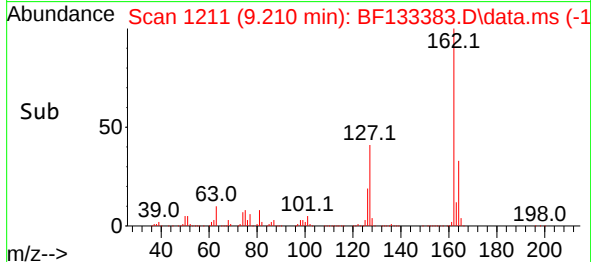
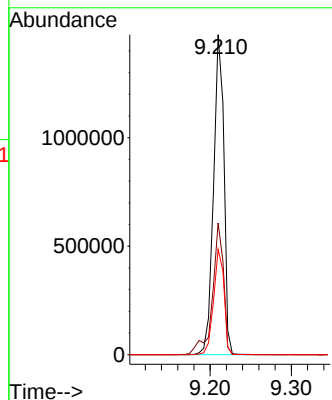
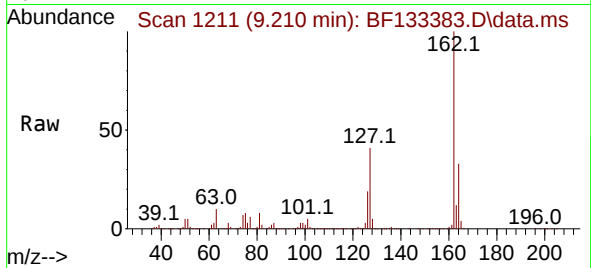




#47
2-Chloronaphthalene
Concen: 45.221 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

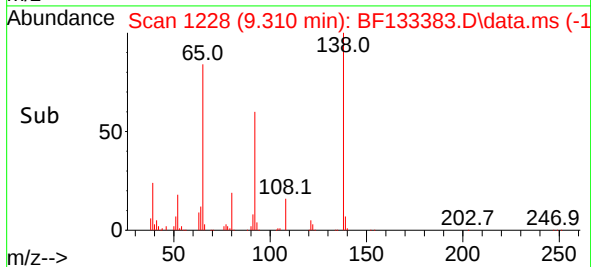
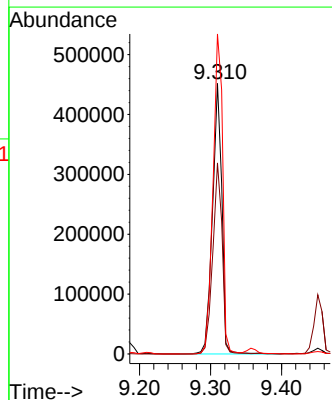
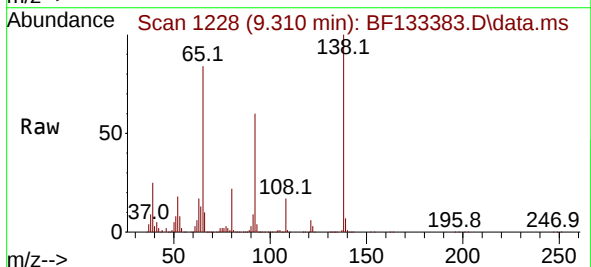
Instrument :
BNA_F
ClientSampleId :
PB152781BS

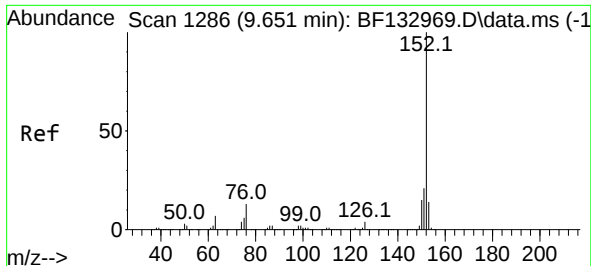
Tgt Ion:162 Resp: 1307062
Ion Ratio Lower Upper
162 100
127 41.2 32.3 48.5
164 32.9 26.8 40.2



#48
2-Nitroaniline
Concen: 43.435 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 65 Resp: 414917
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.0
138 118.4 98.2 147.2

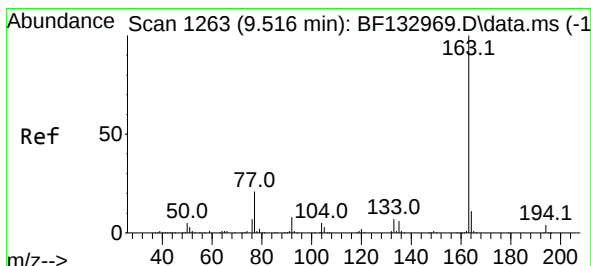
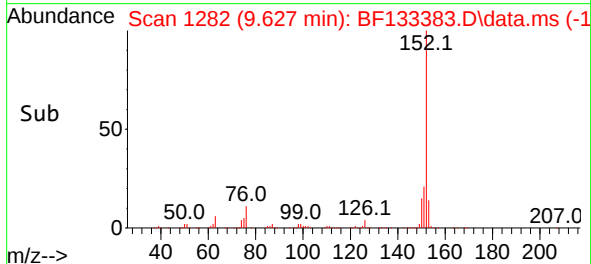
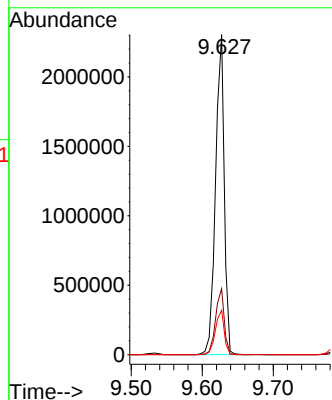
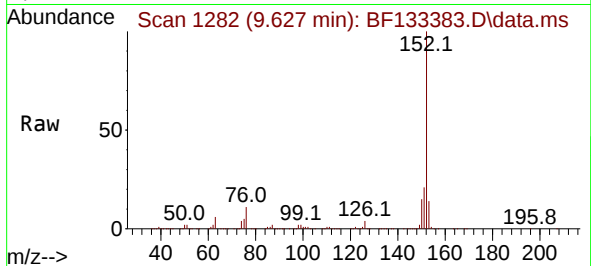




#49
Acenaphthylene
Concen: 42.588 ng
RT: 9.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

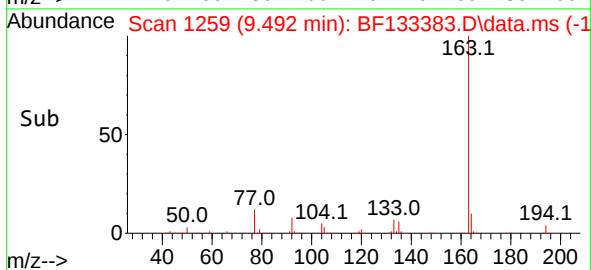
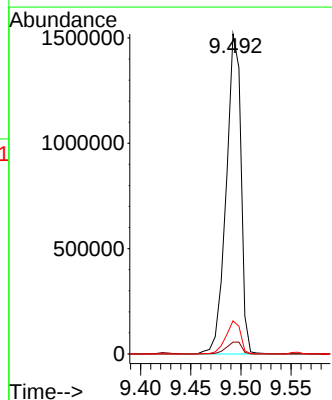
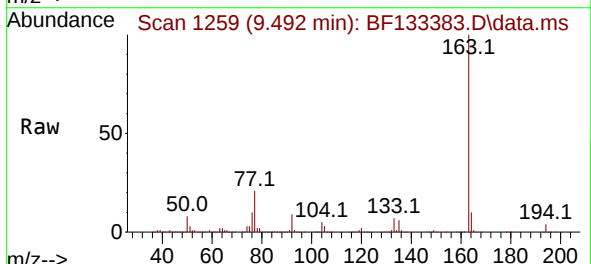
Instrument :
BNA_F
ClientSampleId :
PB152781BS

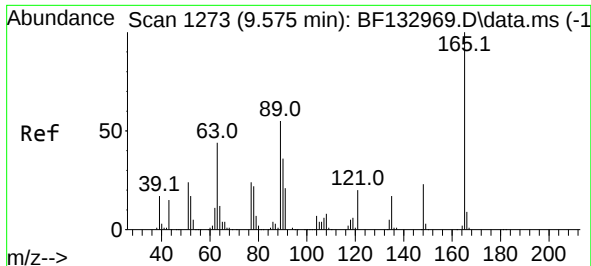
Tgt Ion:152 Resp: 1966861
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.9 11.5 17.3



#50
Dimethylphthalate
Concen: 44.739 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:163 Resp: 1553537
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.4 8.5 12.7

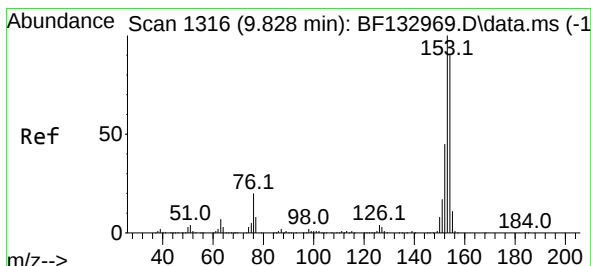
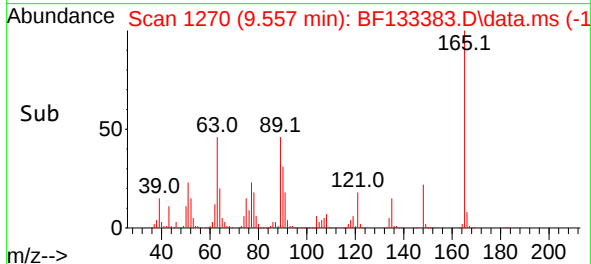
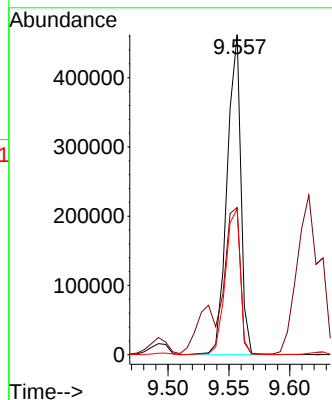
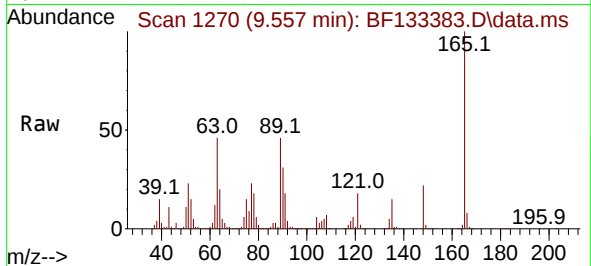




#51
2,6-Dinitrotoluene
Concen: 46.592 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

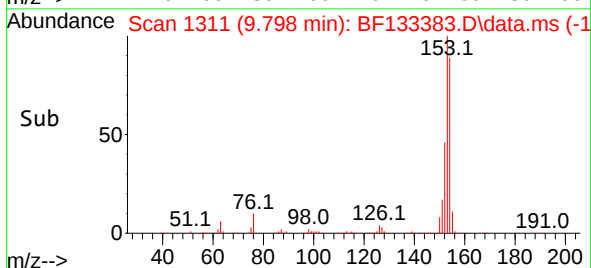
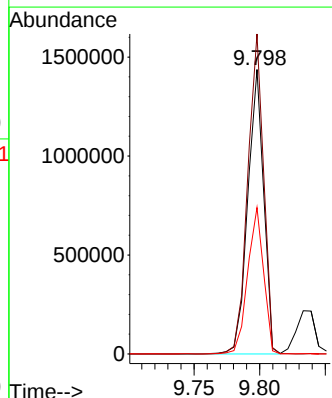
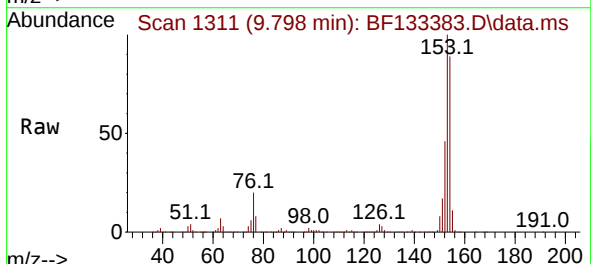
Instrument :
BNA_F
ClientSampleId :
PB152781BS

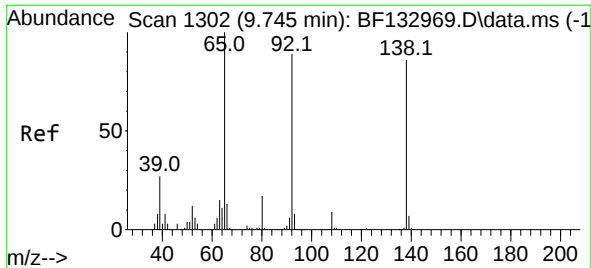
Tgt Ion:165 Resp: 364143
Ion Ratio Lower Upper
165 100
63 46.0 45.9 68.9
89 45.6 44.0 66.0



#52
Acenaphthene
Concen: 39.253 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:154 Resp: 1214143
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.6
152 51.5 40.4 60.6

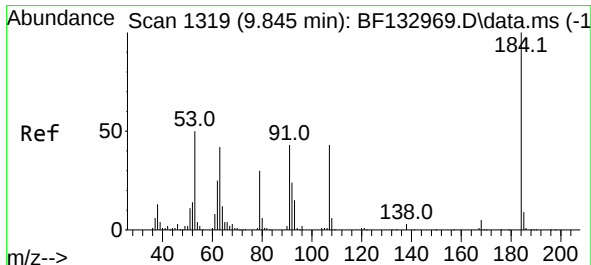
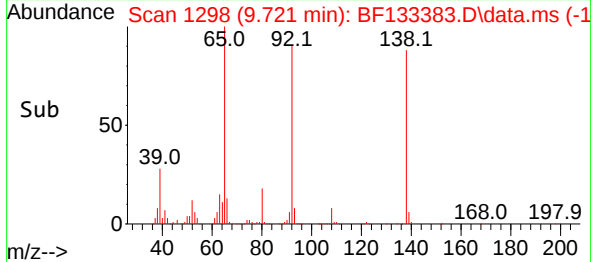
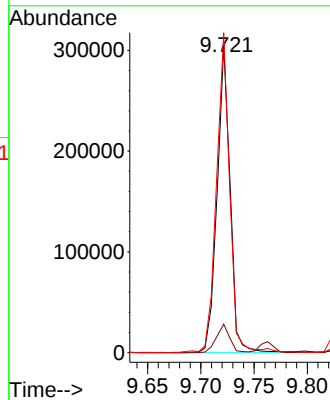
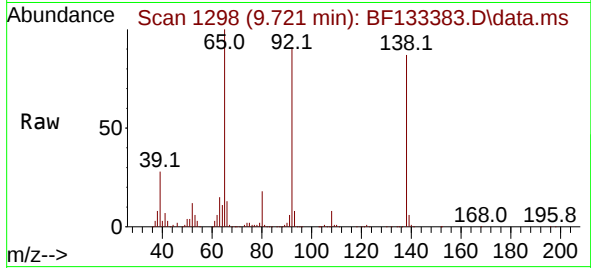




#53
3-Nitroaniline
Concen: 27.837 ng
RT: 9.721 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

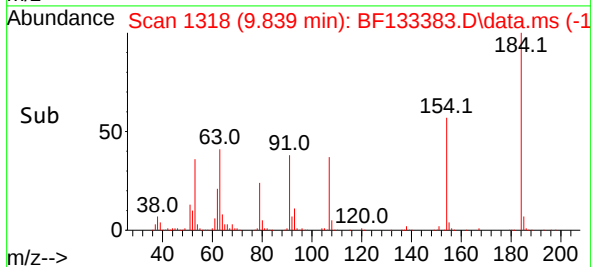
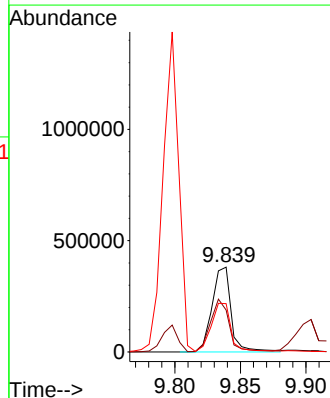
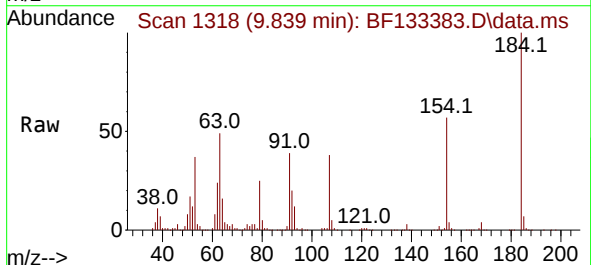
Instrument :
BNA_F
ClientSampleId :
PB152781BS

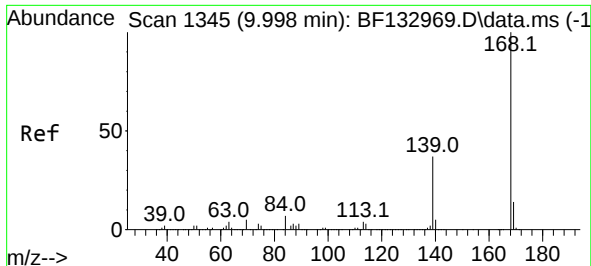
Tgt Ion:138 Resp: 258689
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 104.4 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 98.185 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:184 Resp: 385720
Ion Ratio Lower Upper
184 100
63 49.5 49.8 74.8#
154 56.9 49.5 74.3

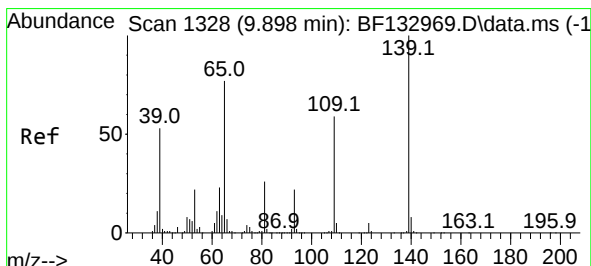
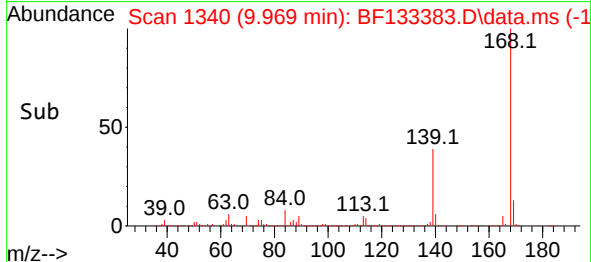
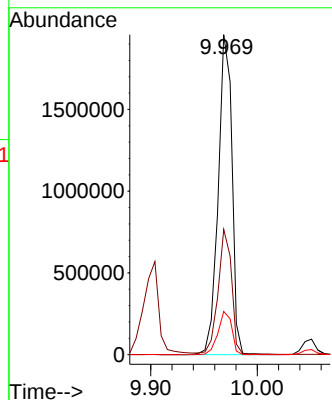
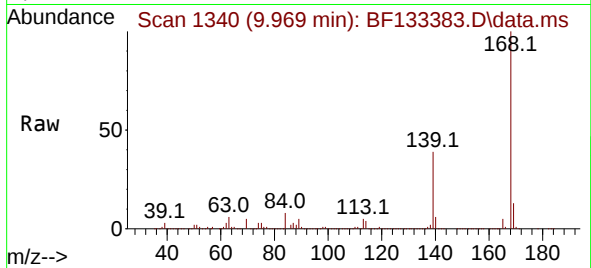




#55
Dibenzofuran
Concen: 41.377 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

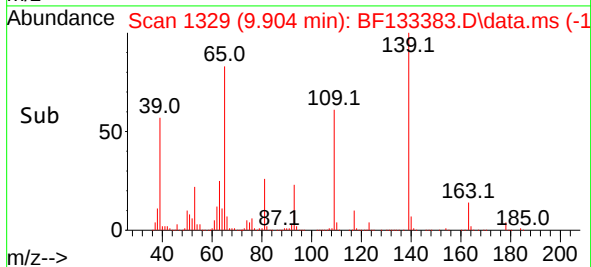
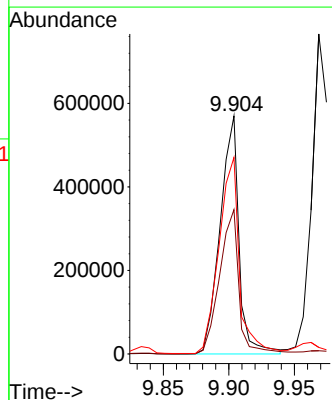
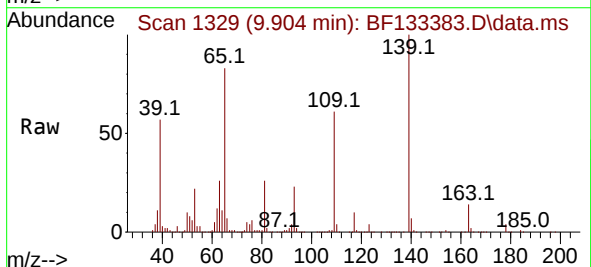
Instrument :
BNA_F
ClientSampleId :
PB152781BS

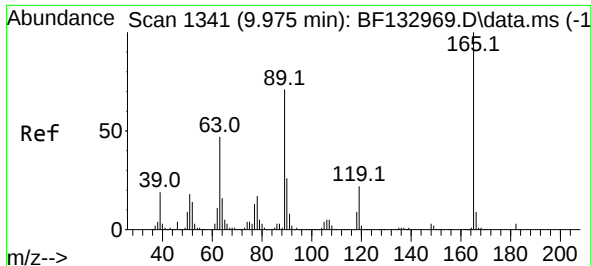
Tgt Ion:168 Resp: 1745825
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 79.205 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:139 Resp: 570085
Ion Ratio Lower Upper
139 100
109 60.7 39.4 79.4
65 82.6 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.972 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:165 Resp: 448244

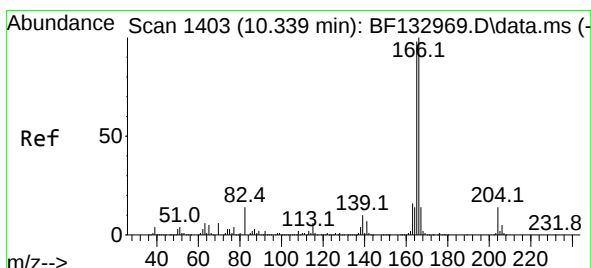
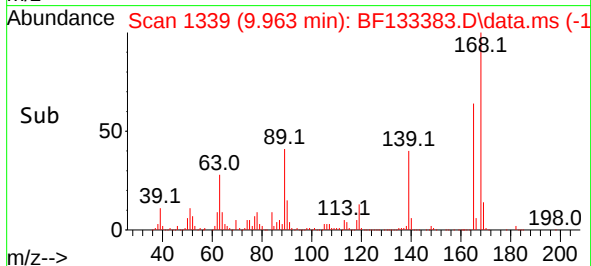
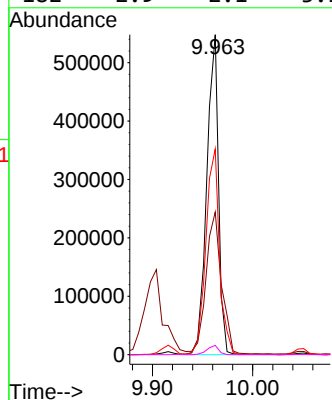
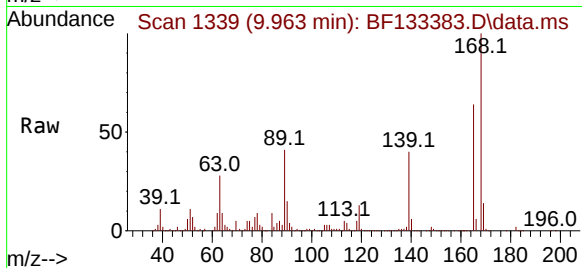
Ion Ratio Lower Upper

165 100

63 44.6 37.7 56.5

89 64.3 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 42.809 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

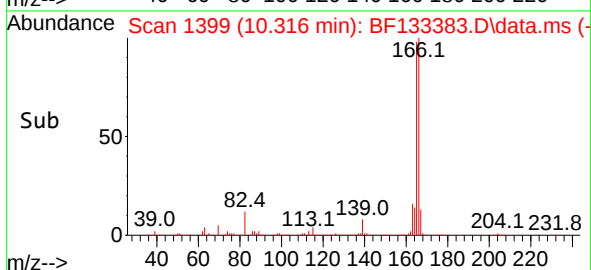
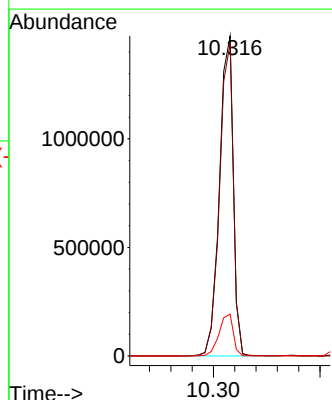
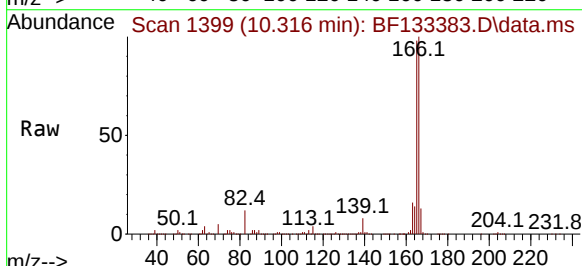
Tgt Ion:166 Resp: 1323350

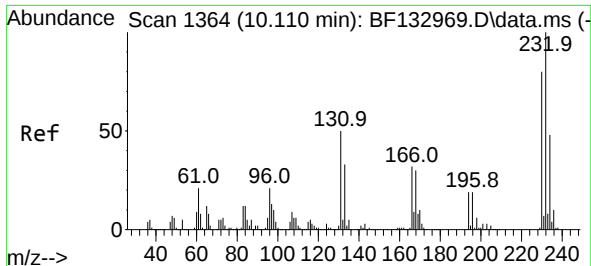
Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

167 13.1 11.0 16.4

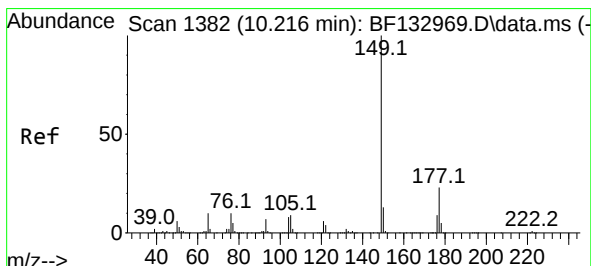
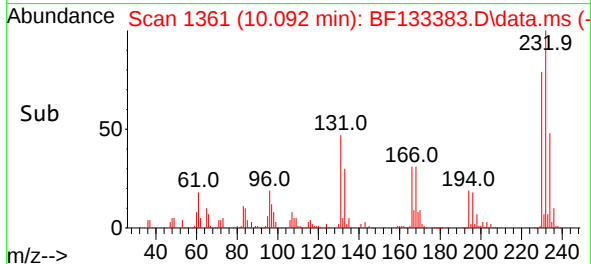
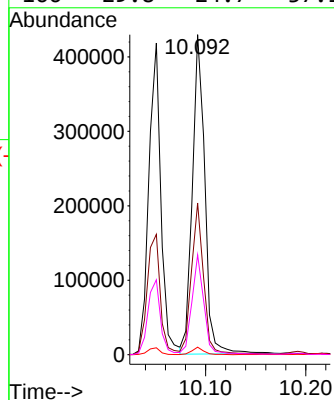
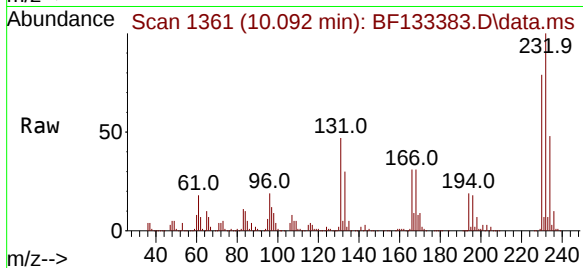




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.606 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

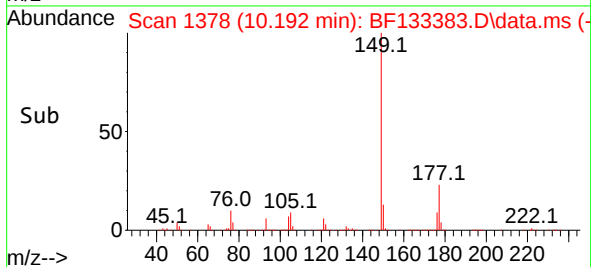
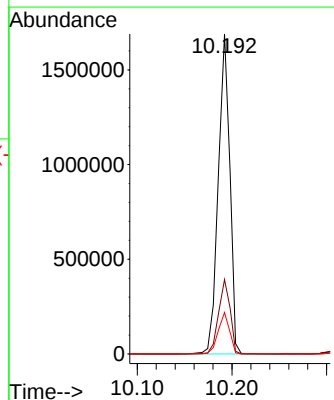
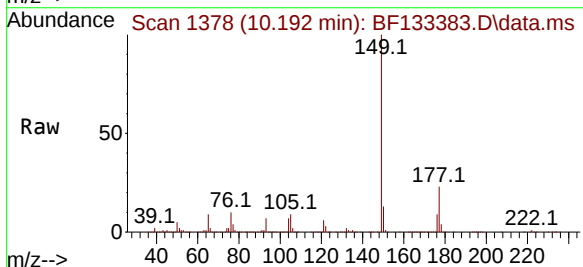
Instrument :
BNA_F
ClientSampleId :
PB152781BS

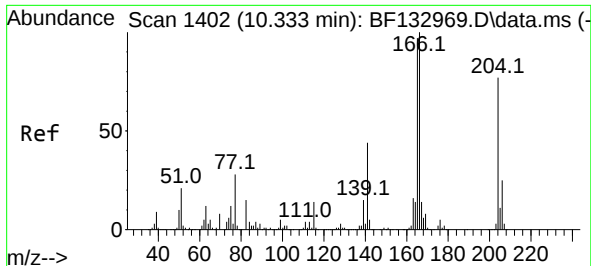
Tgt Ion:232 Resp: 370346
Ion Ratio Lower Upper
232 100
131 45.4 38.0 57.0
130 2.3 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 43.428 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:149 Resp: 1424421
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.9 10.2 15.4

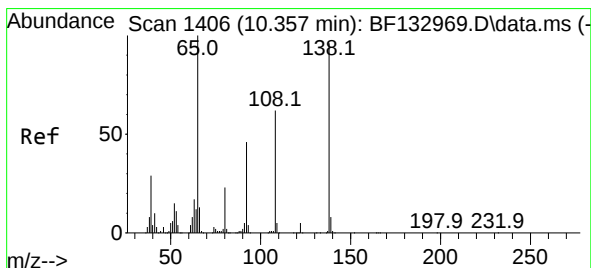
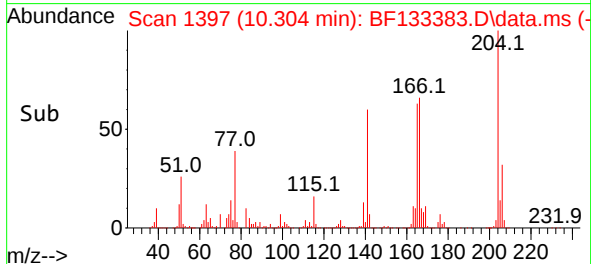
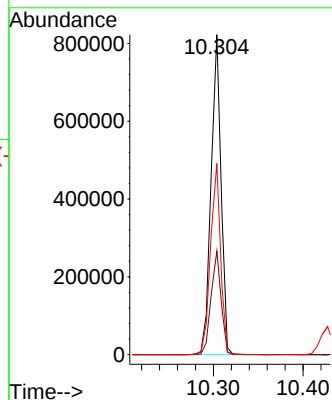
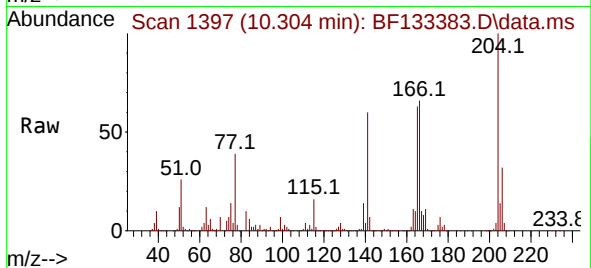




#61
4-Chlorophenyl-phenylether
Concen: 42.201 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

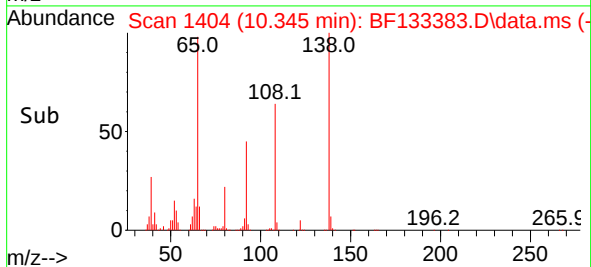
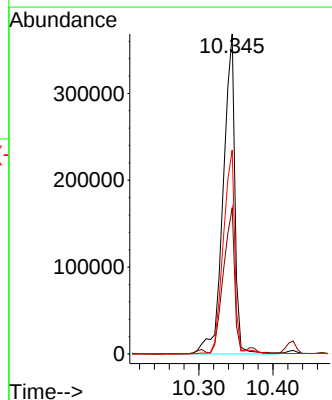
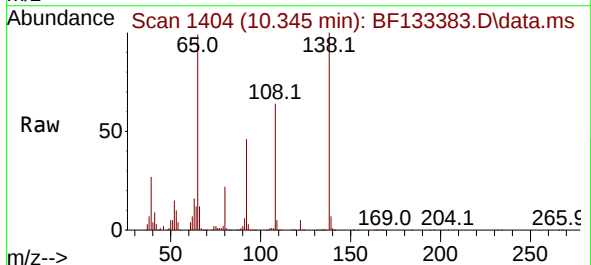
Instrument :
BNA_F
ClientSampleId :
PB152781BS

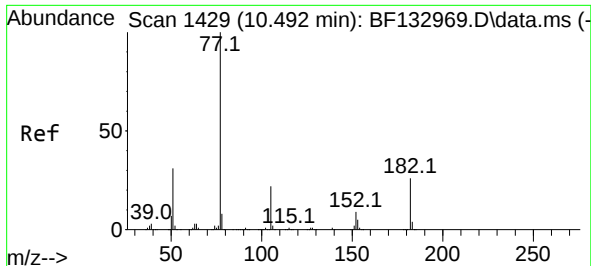
Tgt Ion:204 Resp: 635738
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 59.7 46.1 69.1



#62
4-Nitroaniline
Concen: 47.585 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:138 Resp: 406432
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 63.7 45.2 85.2

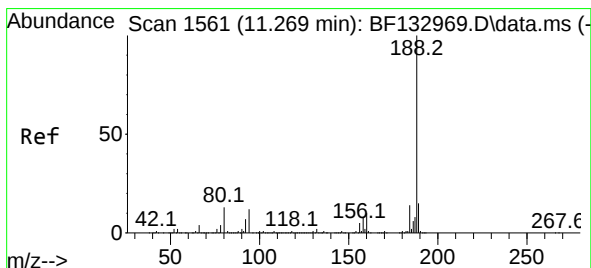
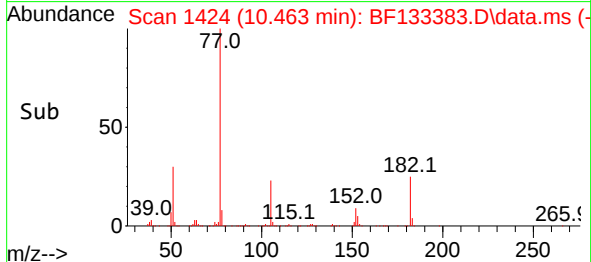
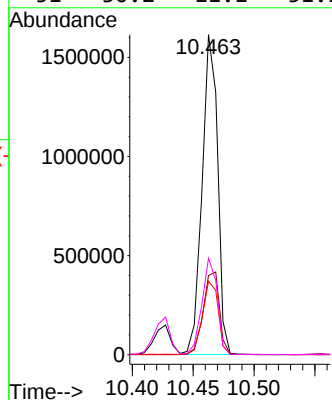
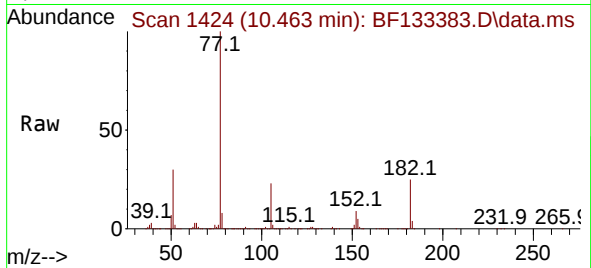




#63
Azobenzene
Concen: 41.236 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

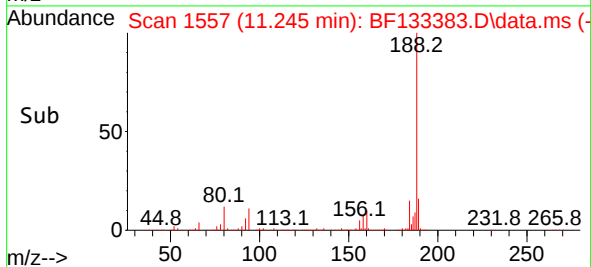
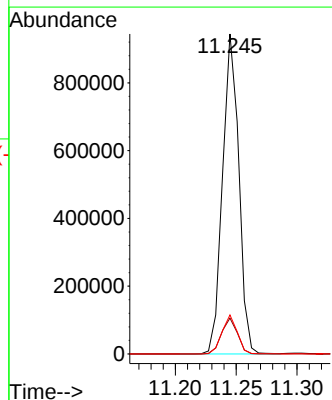
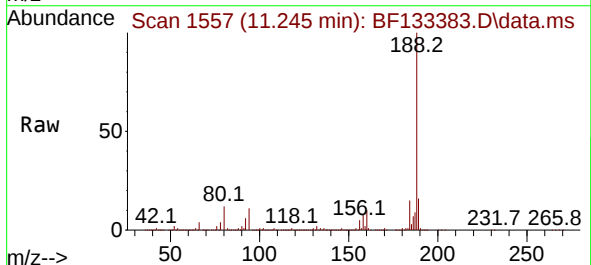
Instrument :
BNA_F
ClientSampleId :
PB152781BS

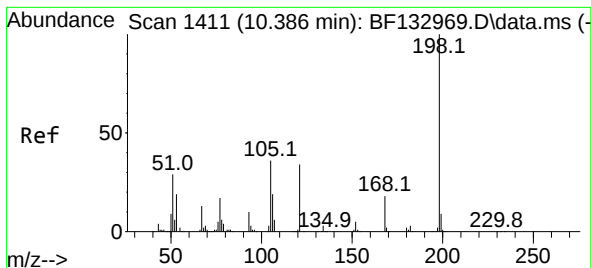
Tgt Ion: 77 Resp: 1432770
Ion Ratio Lower Upper
77 100
182 24.8 5.9 45.9
105 22.9 2.3 42.3
51 30.2 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 188 Resp: 878574
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 12.2 10.4 15.6

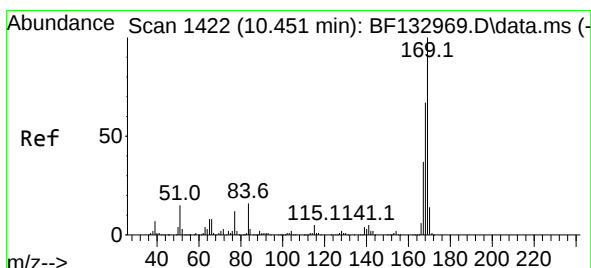
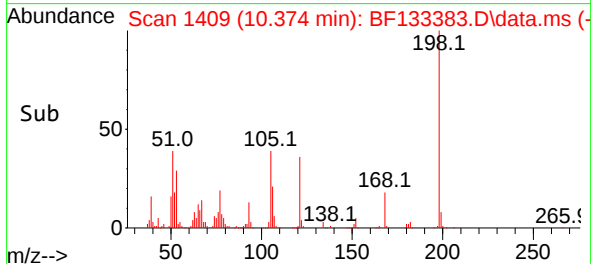
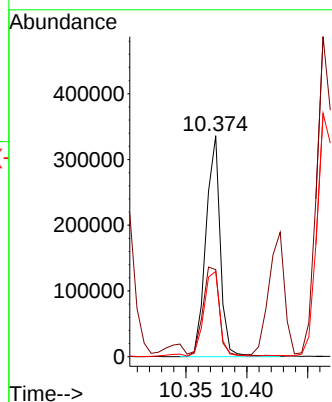
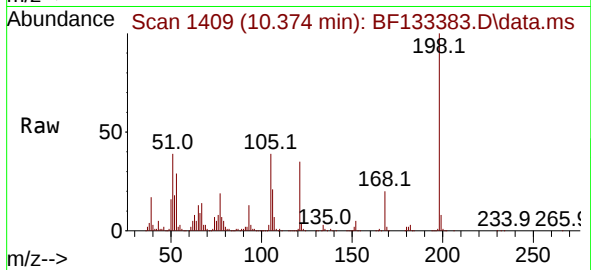




#65
4,6-Dinitro-2-methylphenol
Concen: 51.570 ng
RT: 10.374 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

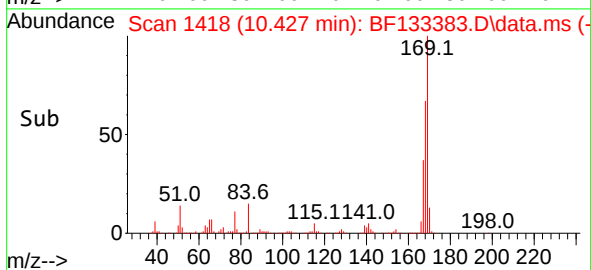
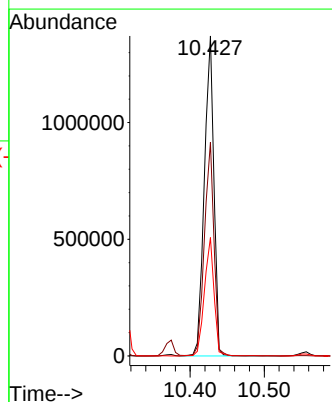
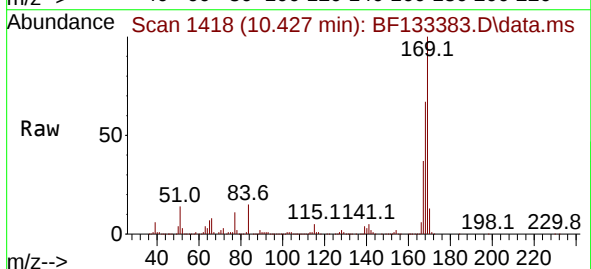
Instrument :
BNA_F
ClientSampleId :
PB152781BS

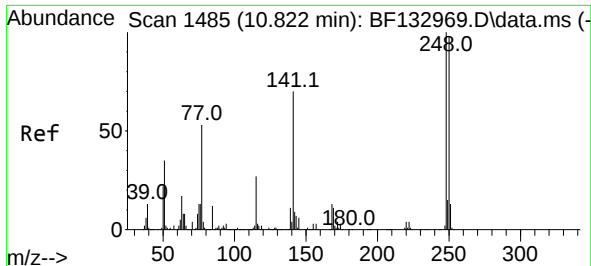
Tgt Ion:198 Resp: 274620
Ion Ratio Lower Upper
198 100
51 39.4 15.5 55.5
105 38.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.176 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:169 Resp: 1230469
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 37.0 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 43.293 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

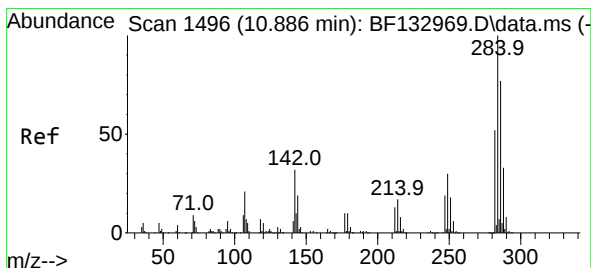
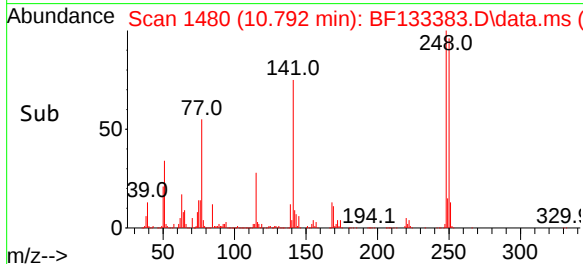
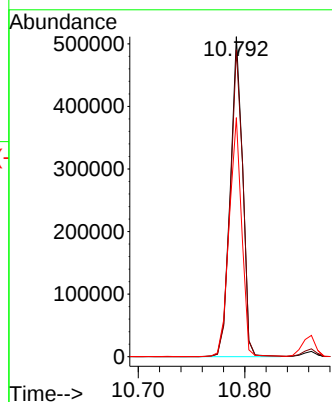
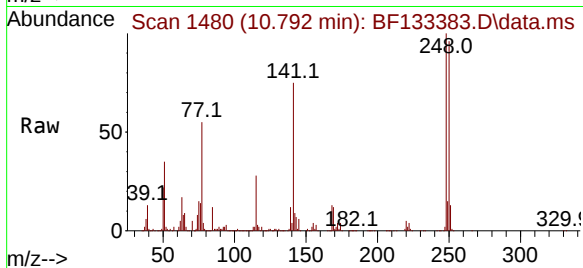
Tgt Ion:248 Resp: 412528

Ion Ratio Lower Upper

248 100

250 95.9 78.7 118.1

141 74.7 56.3 84.5



#68

Hexachlorobenzene

Concen: 45.826 ng

RT: 10.863 min Scan# 1492

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

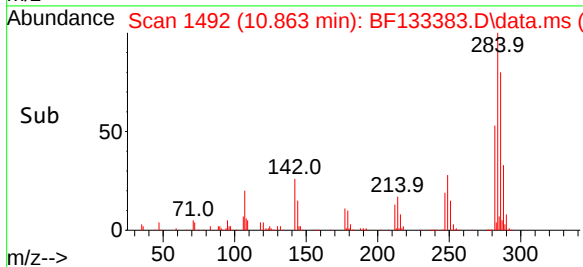
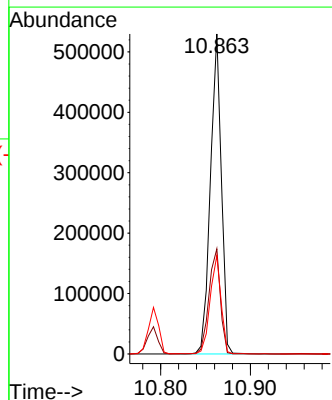
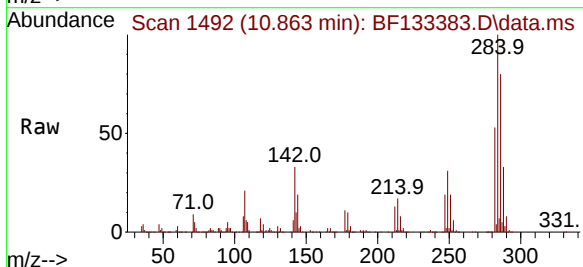
Tgt Ion:284 Resp: 447444

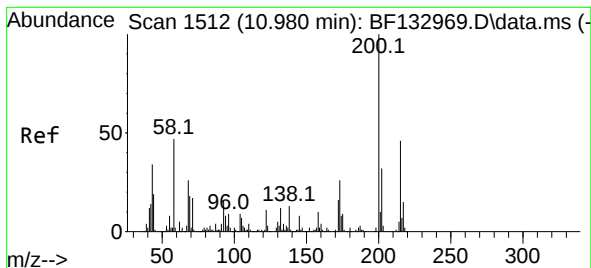
Ion Ratio Lower Upper

284 100

142 32.9 26.0 39.0

249 30.8 23.7 35.5





#69

Atrazine

Concen: 52.650 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

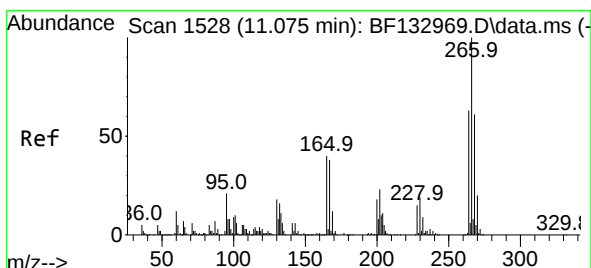
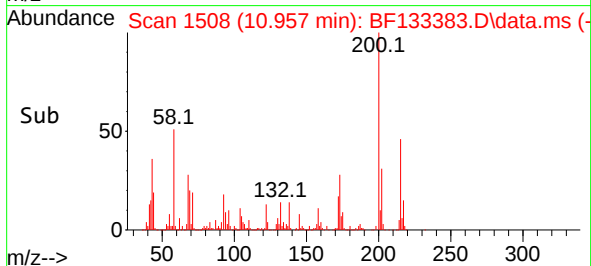
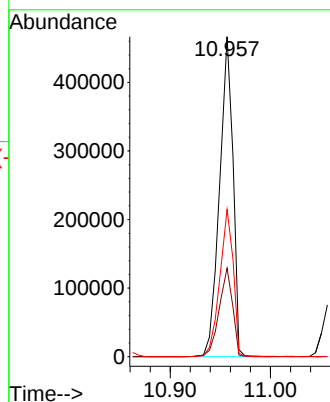
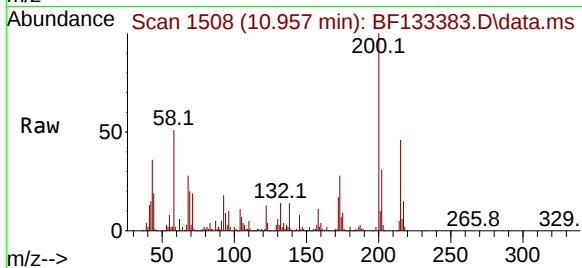
Tgt Ion:200 Resp: 432346

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 46.0 26.3 66.3



#70

Pentachlorophenol

Concen: 70.056 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

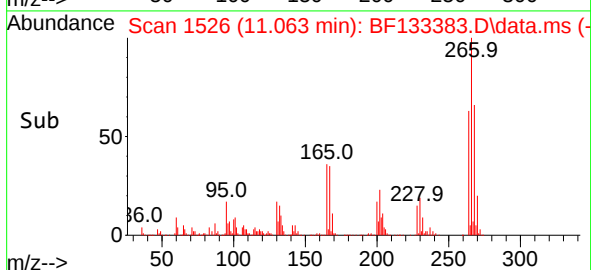
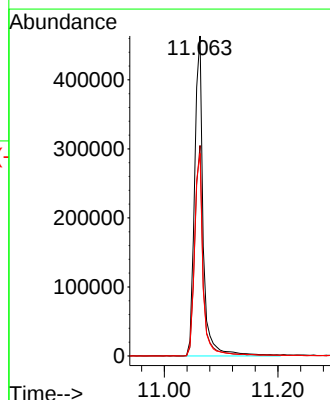
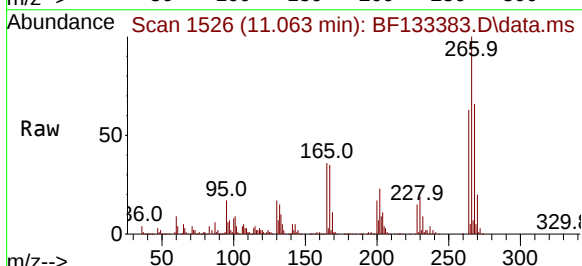
Tgt Ion:266 Resp: 487155

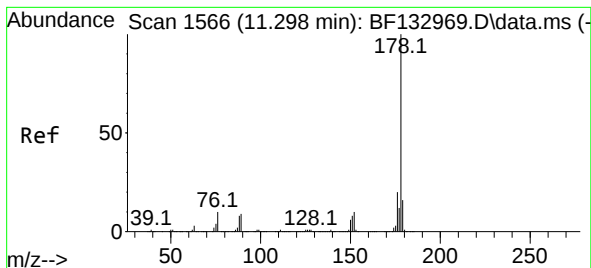
Ion Ratio Lower Upper

266 100

268 65.8 48.8 73.2

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 42.308 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

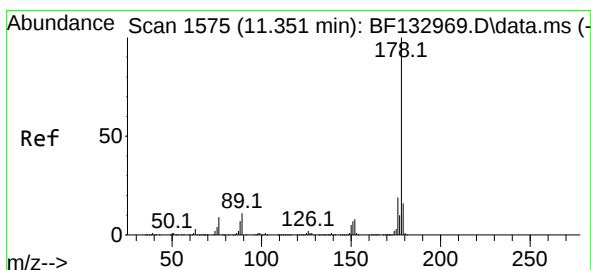
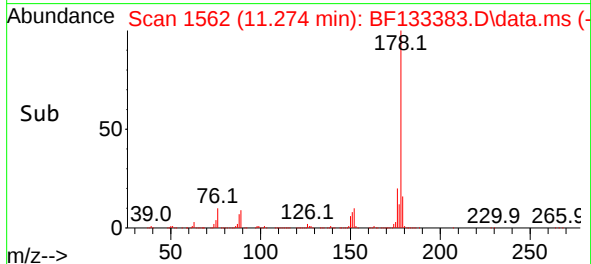
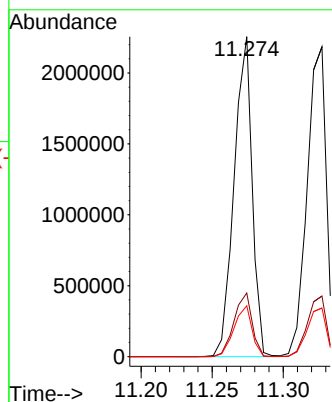
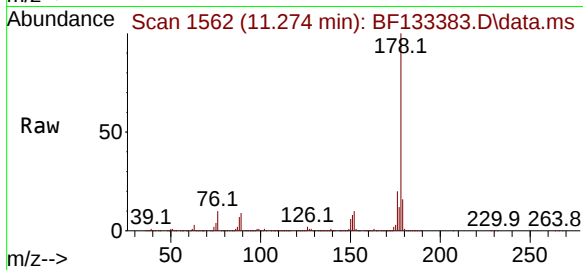
Tgt Ion:178 Resp: 1997808

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 42.842 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

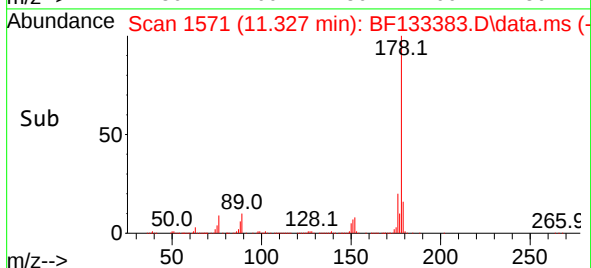
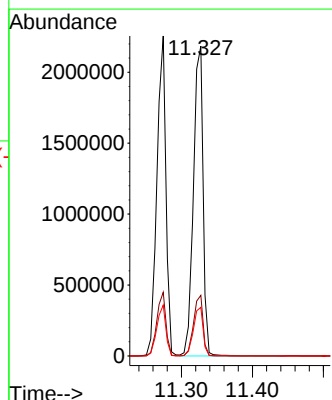
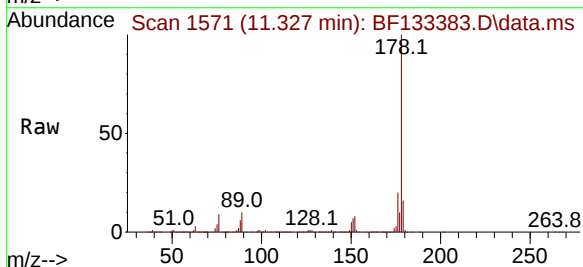
Tgt Ion:178 Resp: 2070353

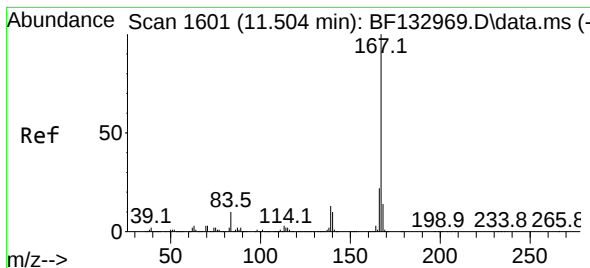
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.554 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

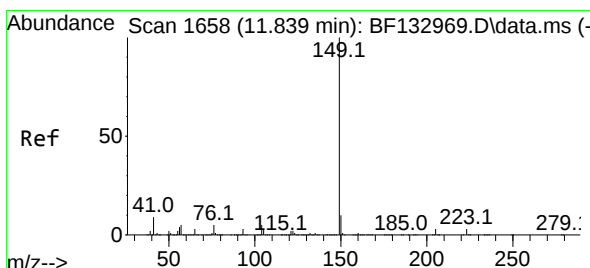
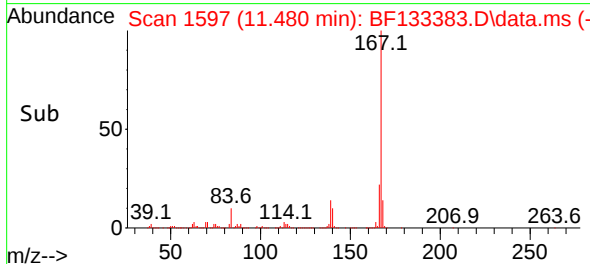
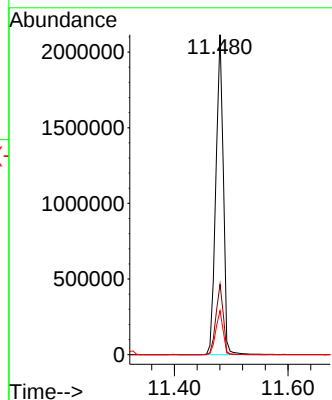
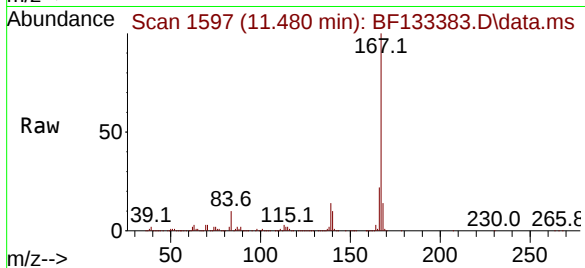
Tgt Ion:167 Resp: 1917172

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.422 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

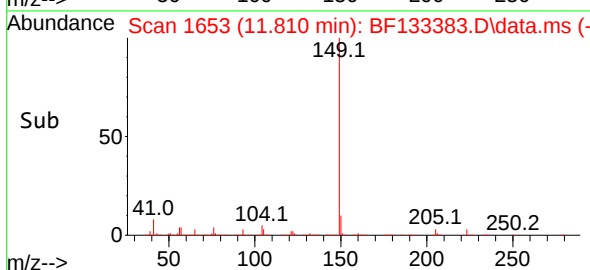
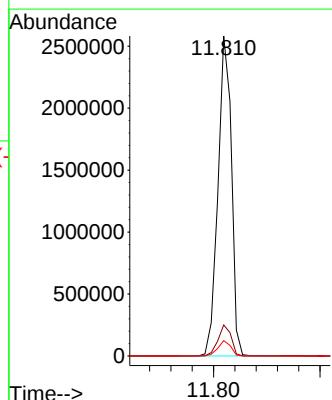
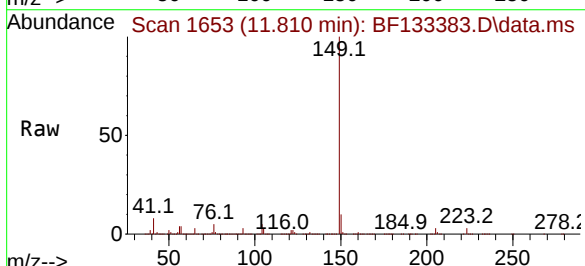
Tgt Ion:149 Resp: 2260524

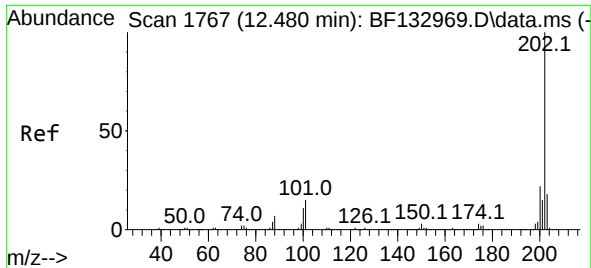
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 4.8 4.0 6.0

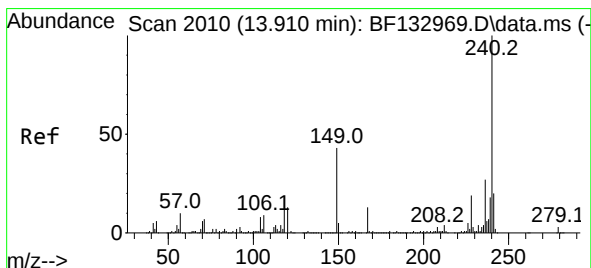
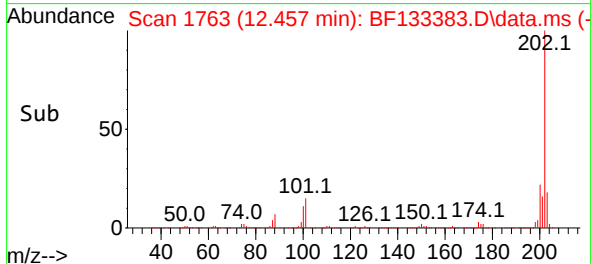
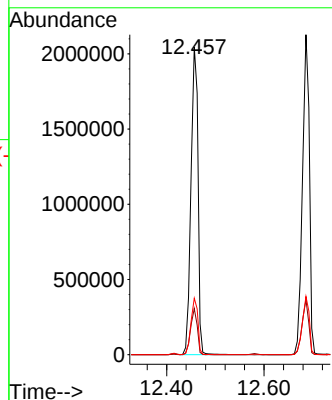
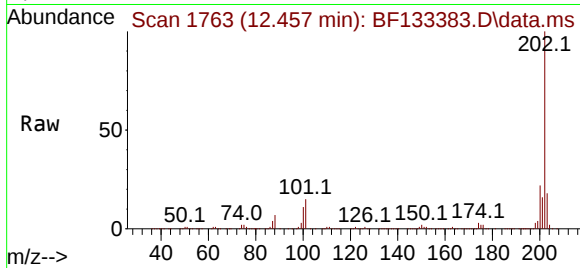




#75
Fluoranthene
Concen: 42.855 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

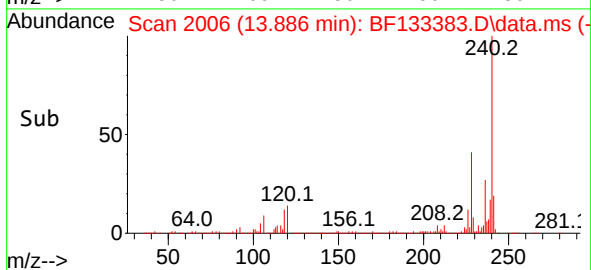
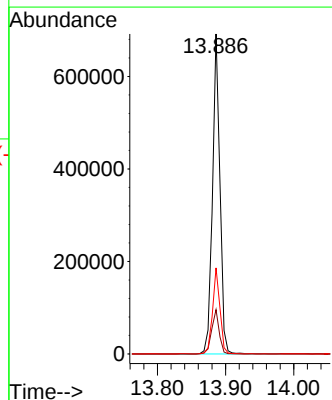
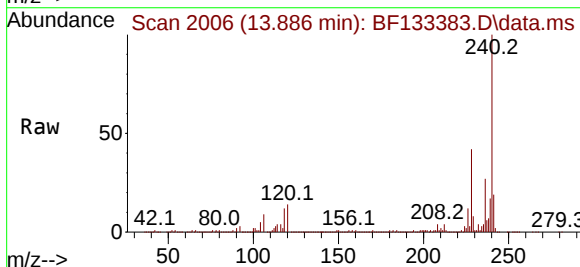
Instrument :
BNA_F
ClientSampleId :
PB152781BS

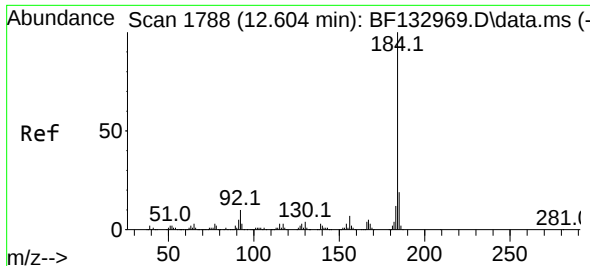
Tgt Ion:202 Resp: 2030942
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:240 Resp: 526183
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.9 21.5 32.3

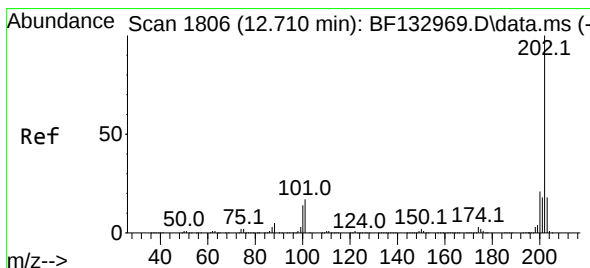
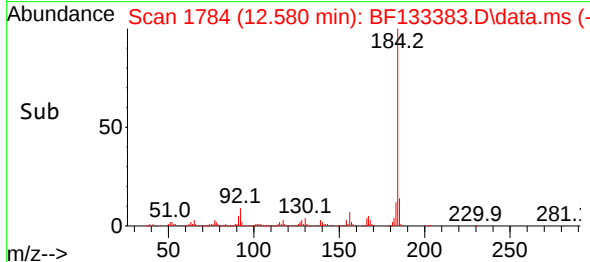
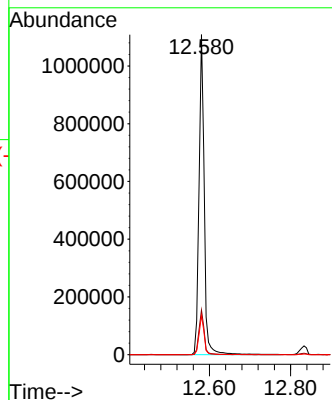
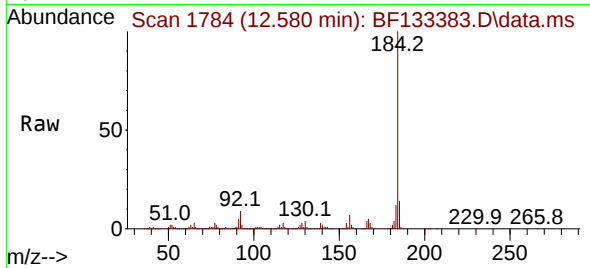




#77
Benzidine
Concen: 112.478 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

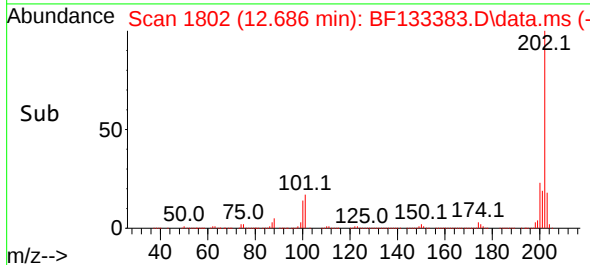
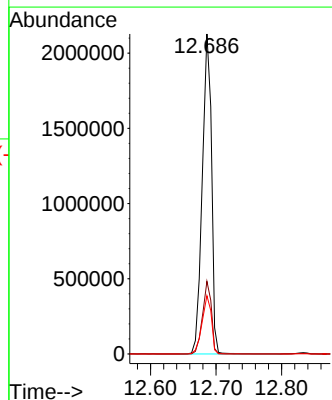
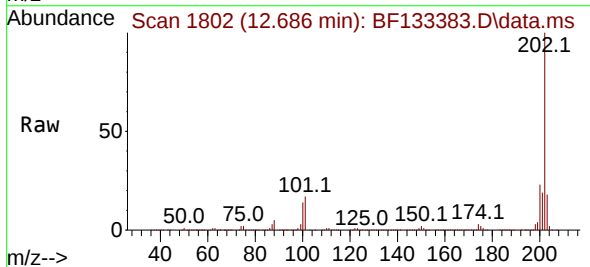
Instrument :
BNA_F
ClientSampleId :
PB152781BS

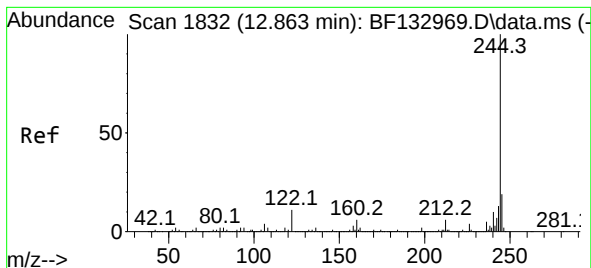
Tgt Ion:184 Resp: 1000834
Ion Ratio Lower Upper
184 100
185 14.0 15.4 23.2#
183 12.2 9.4 14.0



#78
Pyrene
Concen: 46.359 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:202 Resp: 2091048
Ion Ratio Lower Upper
202 100
200 22.7 17.1 25.7
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 90.679 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

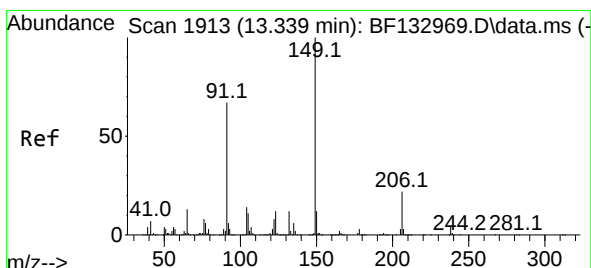
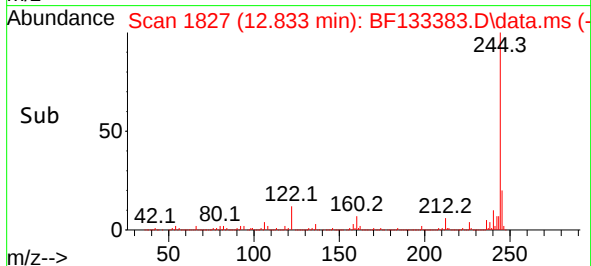
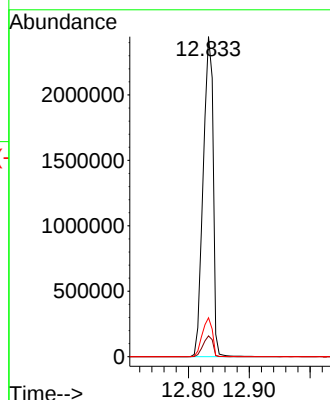
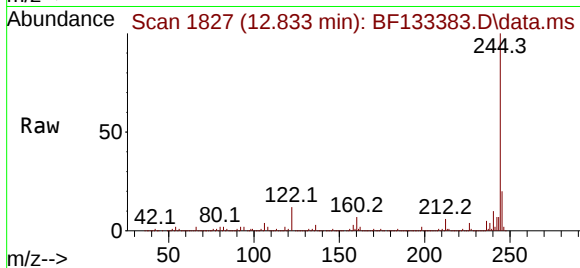
Tgt Ion:244 Resp: 2766547

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 56.940 ng

RT: 13.309 min Scan# 1908

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

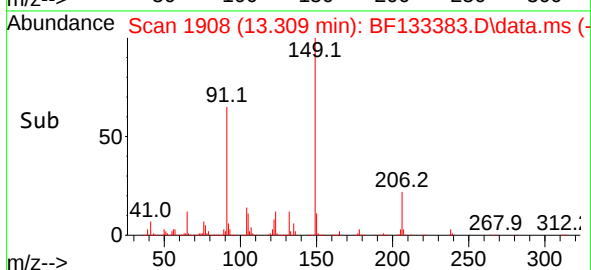
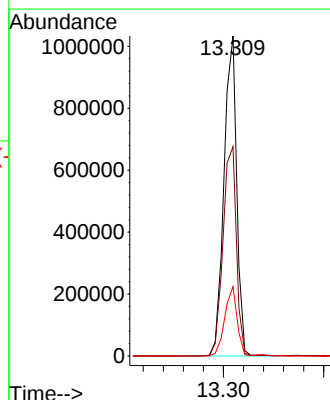
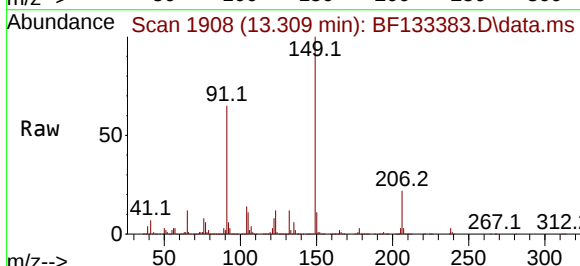
Tgt Ion:149 Resp: 909385

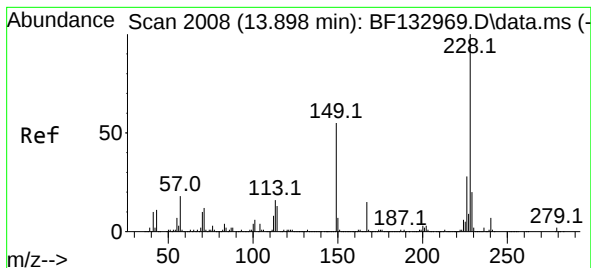
Ion Ratio Lower Upper

149 100

91 65.4 53.8 80.6

206 21.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.210 ng

RT: 13.874 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

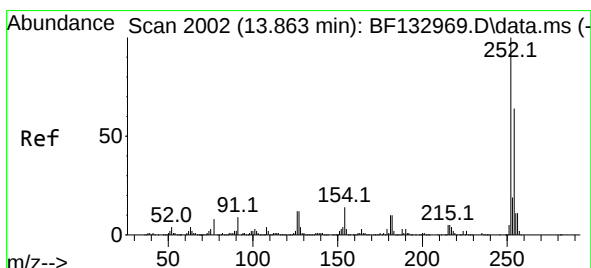
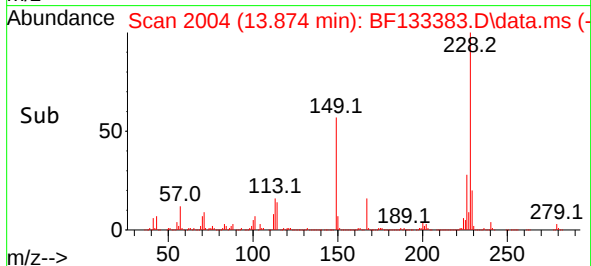
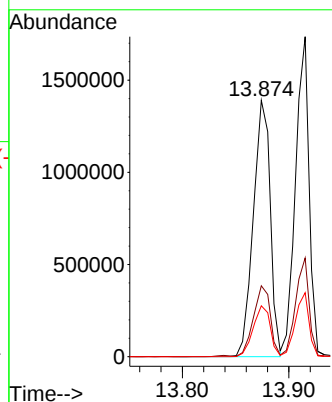
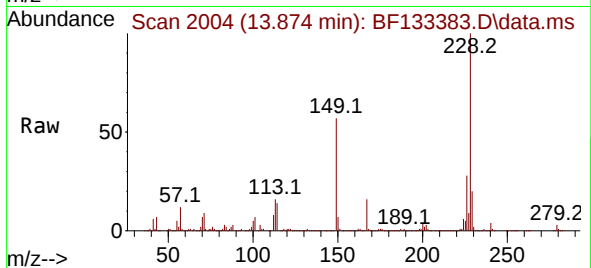
Tgt Ion:228 Resp: 1527312

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 35.541 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

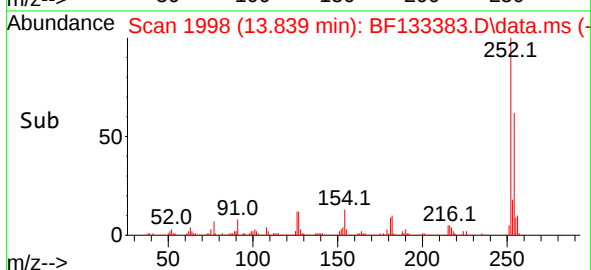
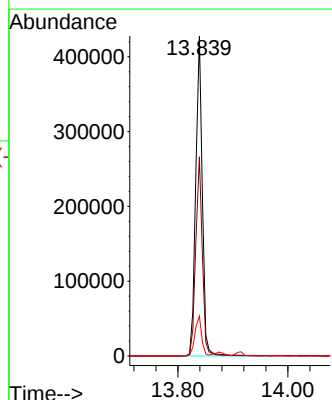
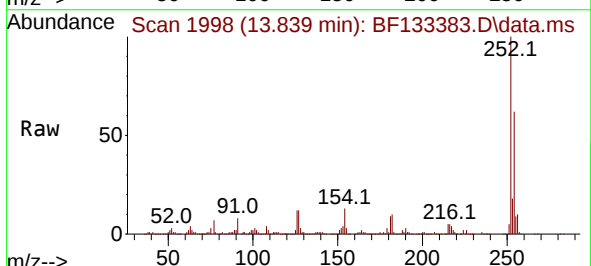
Tgt Ion:252 Resp: 355261

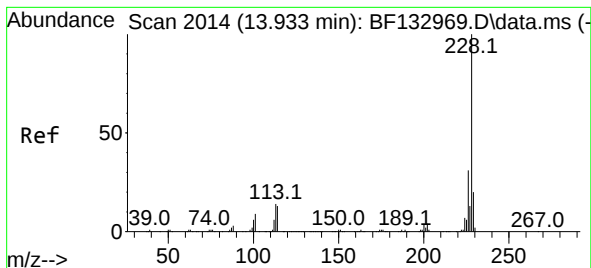
Ion Ratio Lower Upper

252 100

254 62.2 51.5 77.3

126 12.4 9.5 14.3





#83

Chrysene

Concen: 42.830 ng

RT: 13.915 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

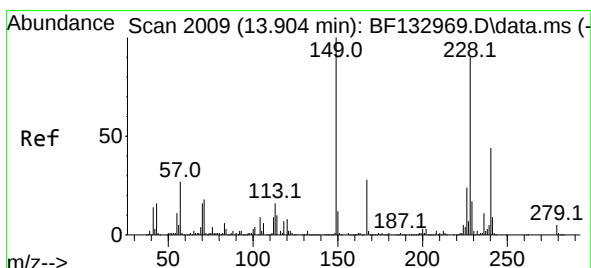
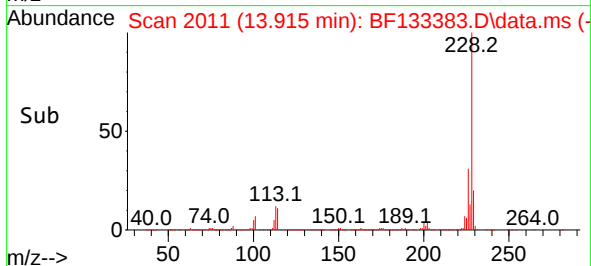
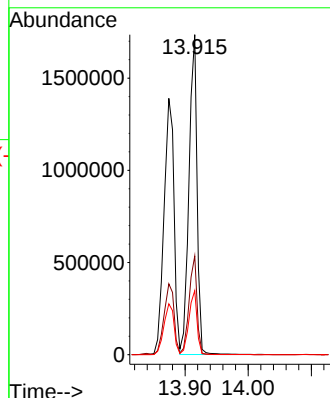
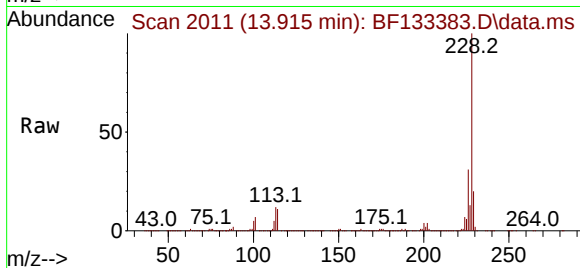
Tgt Ion:228 Resp: 1549372

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.275 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

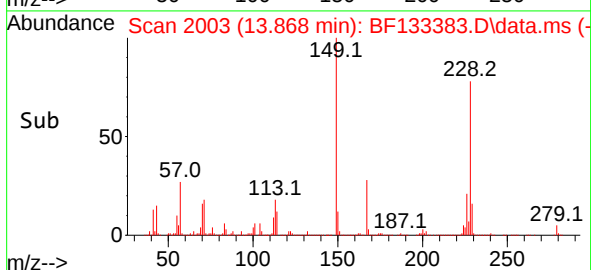
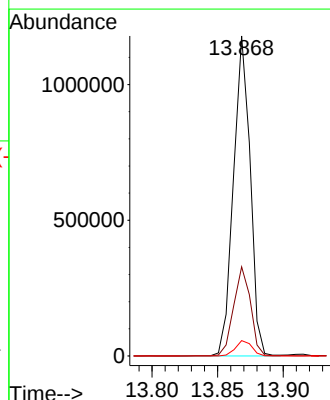
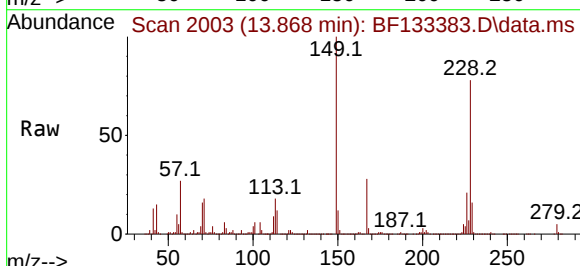
Tgt Ion:149 Resp: 1047928

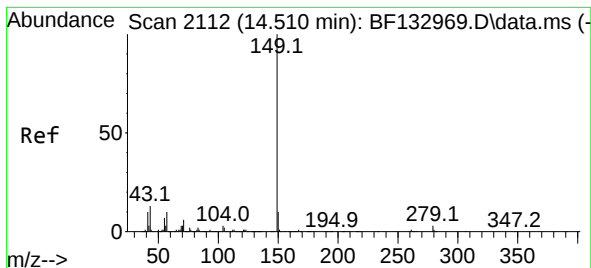
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.542 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

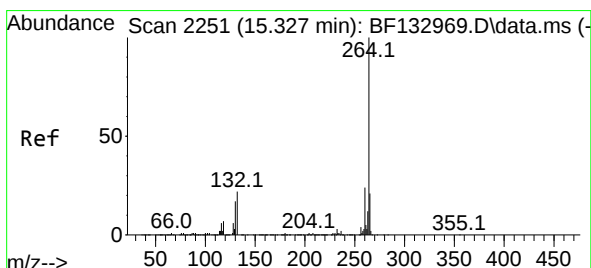
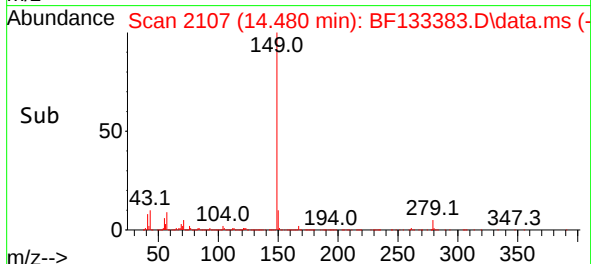
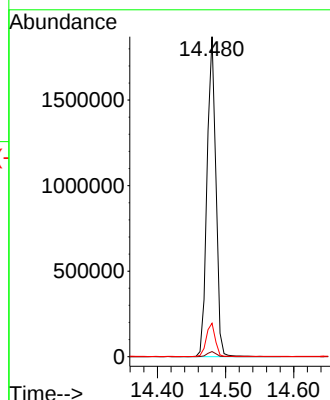
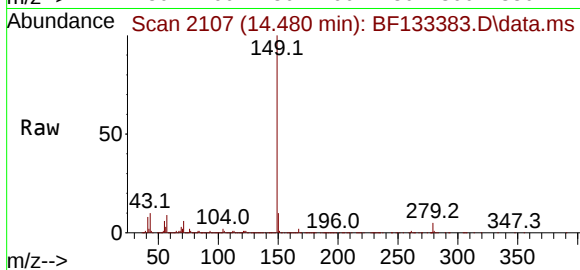
Tgt Ion:149 Resp: 1684725

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.303 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

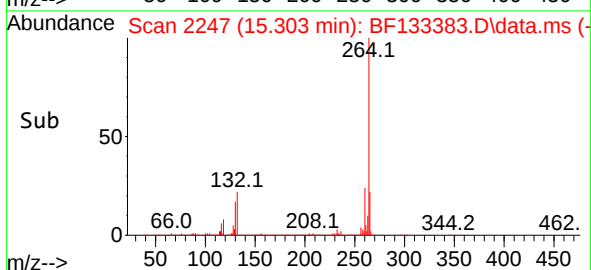
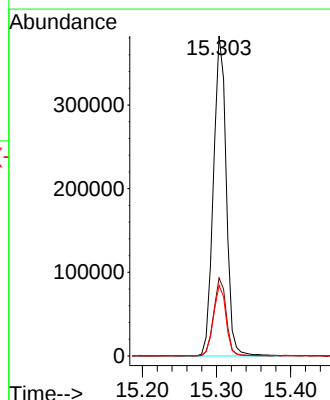
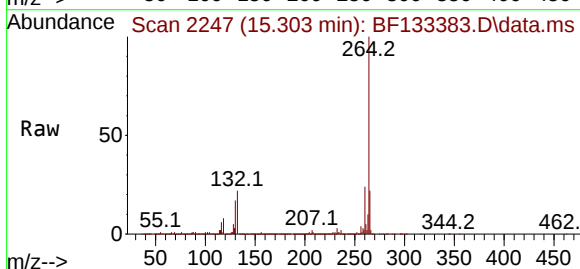
Tgt Ion:264 Resp: 460028

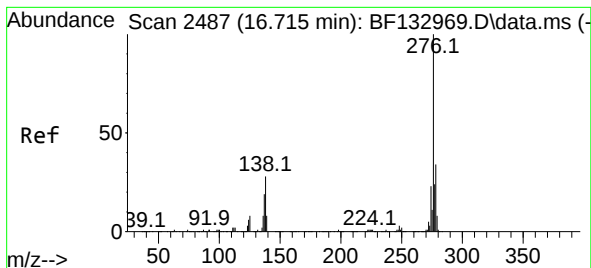
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.396 ng

RT: 16.698 min Scan# 2487

Delta R.T. 0.018 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

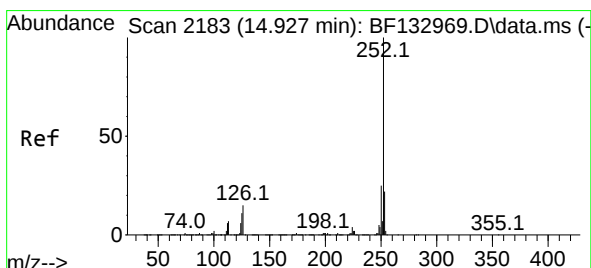
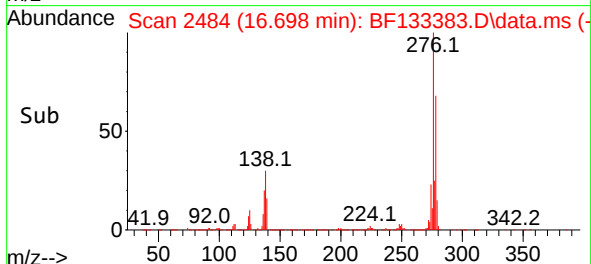
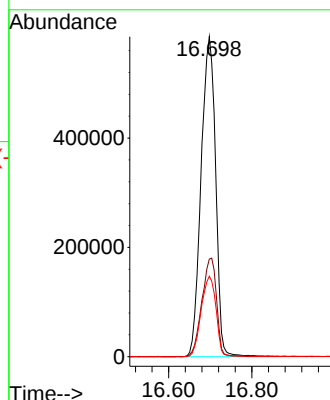
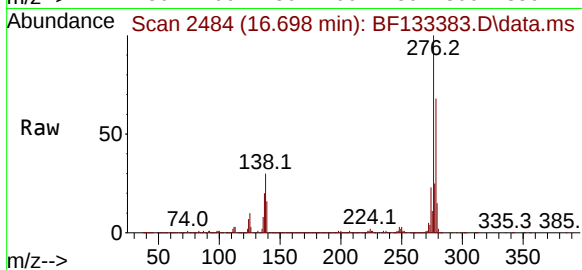
Tgt Ion:276 Resp: 1423397

Ion Ratio Lower Upper

276 100

138 31.1 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.462 ng

RT: 14.903 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

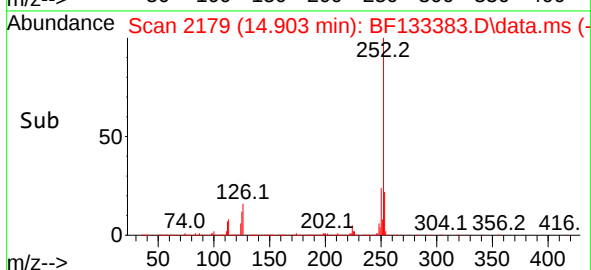
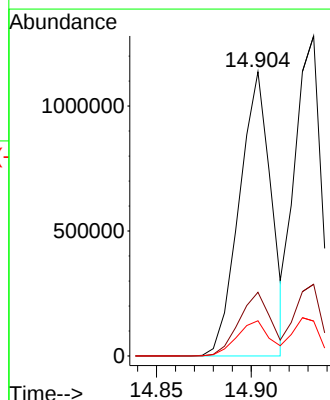
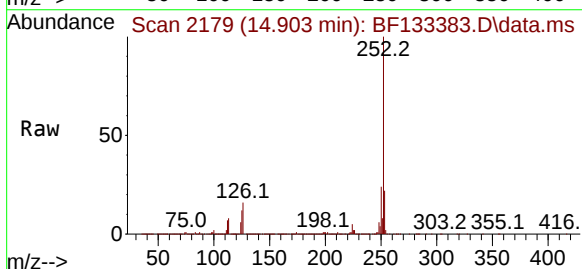
Tgt Ion:252 Resp: 1330524

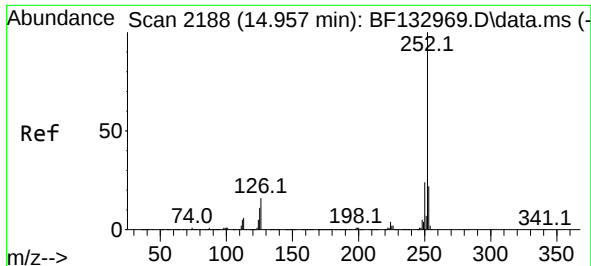
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 43.238 ng

RT: 14.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

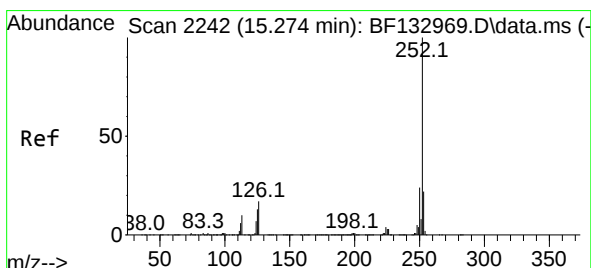
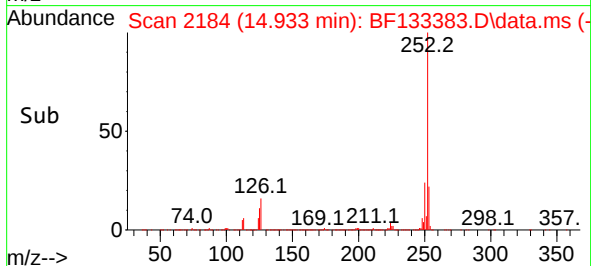
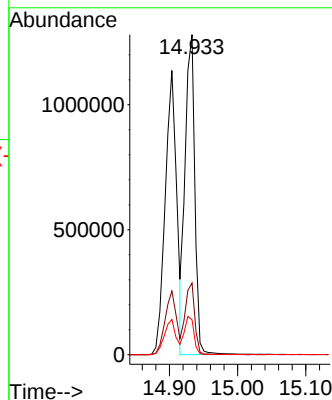
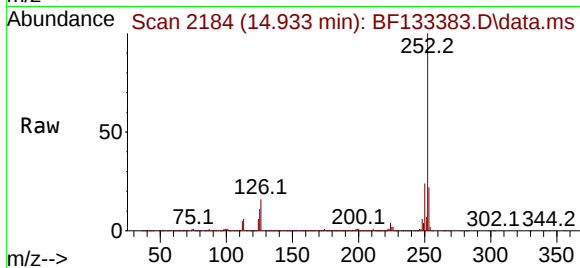
Tgt Ion:252 Resp: 1254390

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.9 9.0 13.4



#90

Benzo(a)pyrene

Concen: 42.362 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

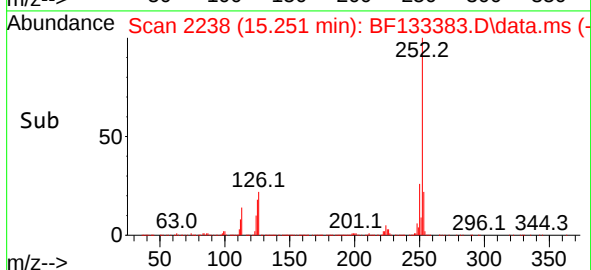
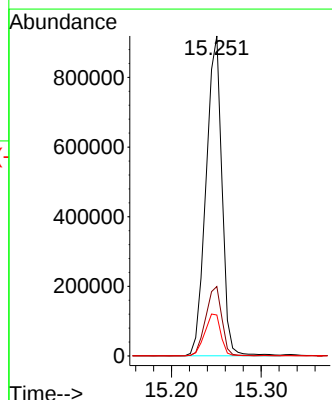
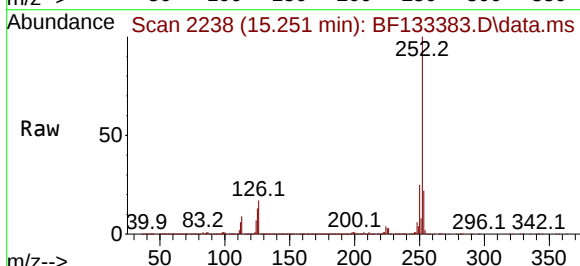
Tgt Ion:252 Resp: 1128465

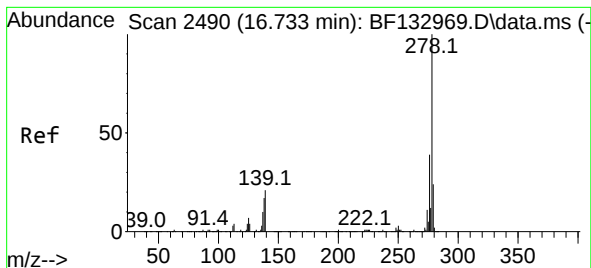
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 53.732 ng

RT: 16.709 min Scan# 24

Delta R.T. 0.018 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

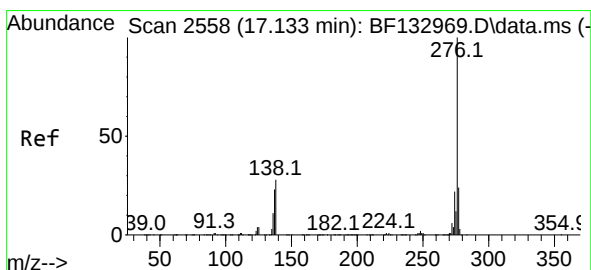
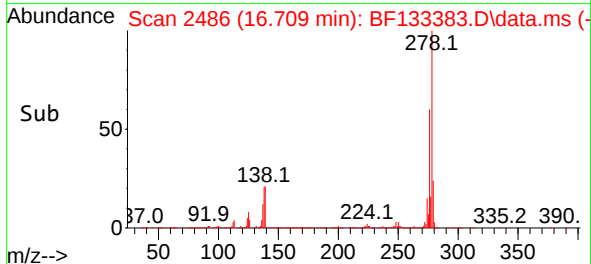
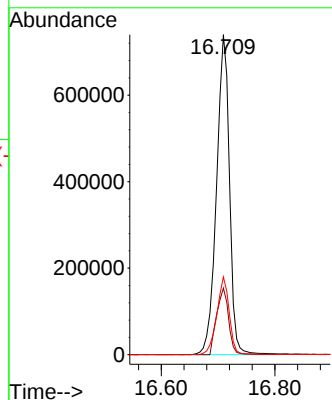
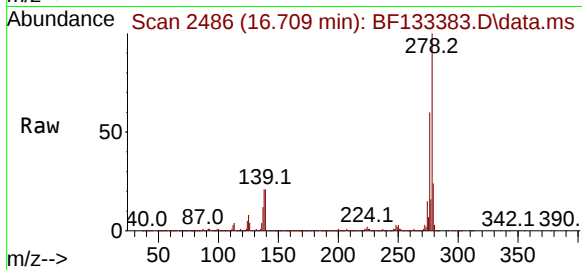
Tgt Ion:278 Resp: 1172682

Ion Ratio Lower Upper

278 100

139 20.8 16.6 24.8

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.824 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.023 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion:276 Resp: 1202814

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 27.5 22.7 34.1

