

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133149.D
 Acq On : 01 May 2023 11:43
 Operator : CG\JU
 Sample : PB152469BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

Quant Time: May 02 05:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	201383	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	837754	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	423860	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	745249	20.000	ng	0.00
76) Chrysene-d12	13.892	240	486068	20.000	ng	0.00
86) Perylene-d12	15.309	264	431492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1772100	132.928	ng	0.01
7) Phenol-d6	6.381	99	2157366	130.379	ng	0.00
23) Nitrobenzene-d5	7.304	82	1347298	86.807	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	555503	130.316	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2202644	86.940	ng	0.00
79) Terphenyl-d14	12.845	244	2430206	86.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	223912	36.211	ng	97
3) Pyridine	3.163	79	583489	35.528	ng	97
4) n-Nitrosodimethylamine	3.116	42	347328	40.830	ng	96
6) Aniline	6.398	93	843493	39.579	ng	# 83
8) 2-Chlorophenol	6.516	128	644351	47.604	ng	98
9) Benzaldehyde	6.275	77	375406	56.457	ng	96
10) Phenol	6.392	94	744236	40.771	ng	# 64
11) bis(2-Chloroethyl)ether	6.469	93	606496	44.276	ng	100
12) 1,3-Dichlorobenzene	6.675	146	660085	45.869	ng	98
13) 1,4-Dichlorobenzene	6.751	146	664835	46.096	ng	98
14) 1,2-Dichlorobenzene	6.904	146	639442	48.090	ng	98
15) Benzyl Alcohol	6.881	79	515057	45.062	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	990324	41.624	ng	93
17) 2-Methylphenol	6.998	107	536000	43.246	ng	98
18) Hexachloroethane	7.245	117	233673	46.601	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	411444	39.941	ng	97
20) 3+4-Methylphenols	7.151	107	616326	42.225	ng	93
22) Acetophenone	7.145	105	839768	43.273	ng	# 98
24) Nitrobenzene	7.322	77	656291	41.729	ng	97
25) Isophorone	7.557	82	1210523	41.079	ng	97
26) 2-Nitrophenol	7.633	139	354780	46.769	ng	98
27) 2,4-Dimethylphenol	7.680	122	584738	44.954	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	730588	41.908	ng	100
29) 2,4-Dichlorophenol	7.880	162	521864	44.071	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	548568	44.717	ng	99
31) Naphthalene	8.039	128	1772080	42.308	ng	99
32) Benzoic acid	7.816	122	414556	51.596	ng	97
33) 4-Chloroaniline	8.092	127	572111	33.806	ng	98
34) Hexachlorobutadiene	8.163	225	294806	43.359	ng	99
35) Caprolactam	8.463	113	114985	28.906	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	575283	45.052	ng	99
37) 2-Methylnaphthalene	8.733	142	1167432	40.768	ng	97
38) 1-Methylnaphthalene	8.827	142	1101489	41.118	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	469974	41.239	ng	98
41) Hexachlorocyclopentadiene	8.886	237	629095	94.652	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	345990	43.900	ng	99

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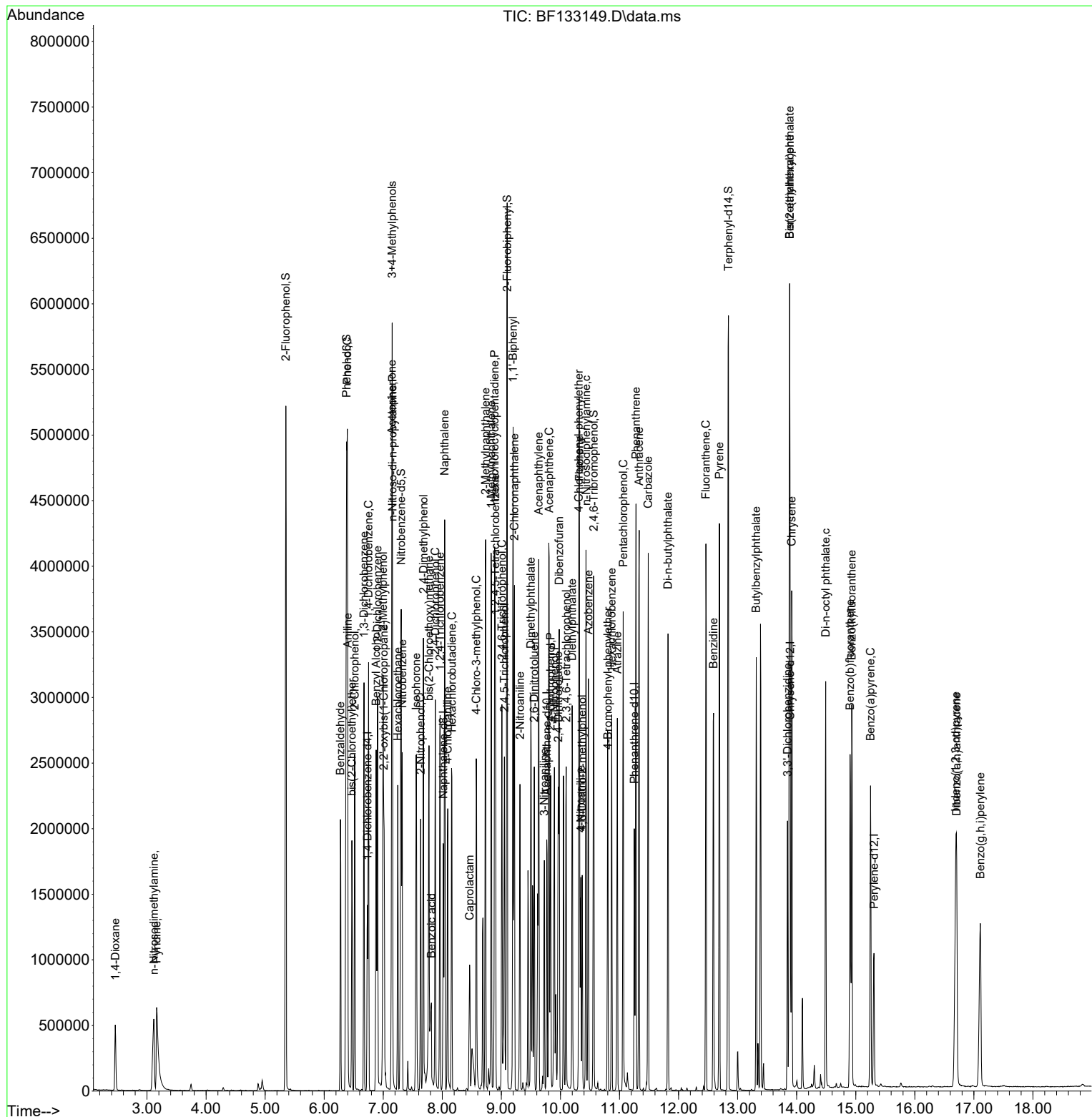
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	380216	41.713	ng	100
46) 1,1'-Biphenyl	9.198	154	1416054	42.132	ng	99
47) 2-Chloronaphthalene	9.222	162	1085098	44.109	ng	99
48) 2-Nitroaniline	9.316	65	353795	43.515	ng	98
49) Acenaphthylene	9.633	152	1625941	41.364	ng	100
50) Dimethylphthalate	9.498	163	1280610	43.330	ng	99
51) 2,6-Dinitrotoluene	9.557	165	297030	44.652	ng	96
52) Acenaphthene	9.810	154	1005701	38.201	ng	100
53) 3-Nitroaniline	9.727	138	281731	35.620	ng	98
54) 2,4-Dinitrophenol	9.833	184	337009	100.791	ng	96
55) Dibenzofuran	9.980	168	1444782	40.231	ng	99
56) 4-Nitrophenol	9.898	139	518159	84.584	ng	97
57) 2,4-Dinitrotoluene	9.963	165	378028	44.562	ng	89
58) Fluorene	10.321	166	1063121	40.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	299051	42.319	ng	99
60) Diethylphthalate	10.198	149	1152857	41.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	518092	40.408	ng	96
62) 4-Nitroaniline	10.345	138	329044	45.263	ng	95
63) Azobenzene	10.474	77	1094401	37.007	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	221786	49.099	ng	86
66) n-Nitrosodiphenylamine	10.433	169	995230	41.169	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	336950	41.688	ng	96
68) Hexachlorobenzene	10.869	284	369145	44.571	ng	98
69) Atrazine	10.963	200	341443	49.019	ng	99
70) Pentachlorophenol	11.063	266	445905	75.596	ng	98
71) Phenanthrene	11.280	178	1661588	41.483	ng	99
72) Anthracene	11.333	178	1675053	40.863	ng	99
73) Carbazole	11.486	167	1567188	42.936	ng	100
74) Di-n-butylphthalate	11.821	149	1780187	43.098	ng	99
75) Fluoranthene	12.463	202	1692998	42.115	ng	99
77) Benzidine	12.592	184	1195061	145.390	ng	# 92
78) Pyrene	12.692	202	1753336	42.079	ng	99
80) Butylbenzylphthalate	13.315	149	725272	49.160	ng	98
81) Benzo(a)anthracene	13.880	228	1372873	41.073	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	414512	44.891	ng	99
83) Chrysene	13.915	228	1362466	40.771	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	829503	44.794	ng	100
85) Di-n-octyl phthalate	14.492	149	1461717	48.410	ng	95
87) Indeno(1,2,3-cd)pyrene	16.692	276	1167218	47.556	ng	99
88) Benzo(b)fluoranthene	14.904	252	1299767	47.349	ng	98
89) Benzo(k)fluoranthene	14.933	252	1121211	41.203	ng	98
90) Benzo(a)pyrene	15.251	252	1026238	41.072	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	969529	47.361	ng	98
92) Benzo(g,h,i)perylene	17.109	276	972673	48.128	ng	97

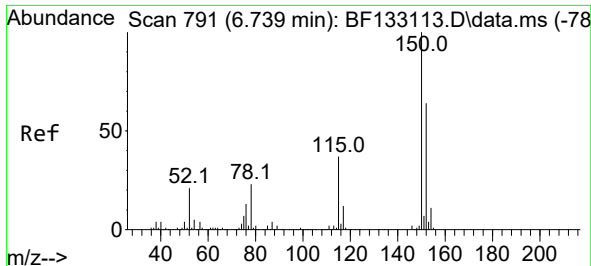
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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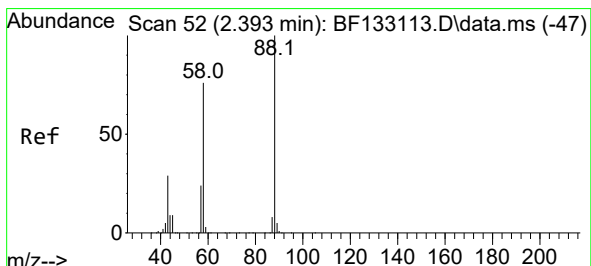
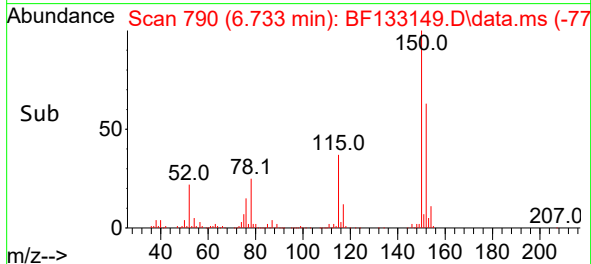
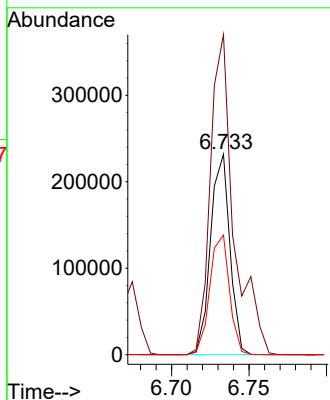
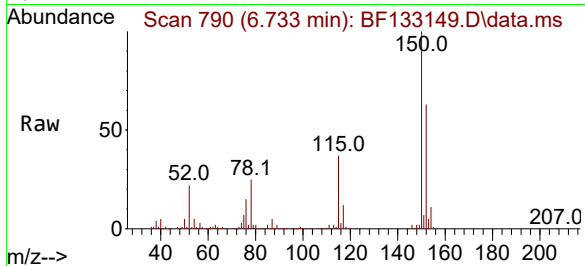




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.733 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

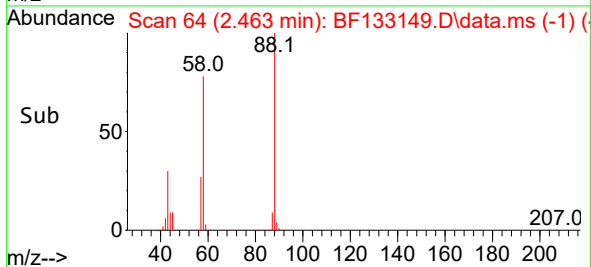
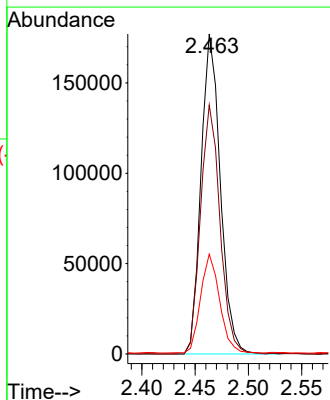
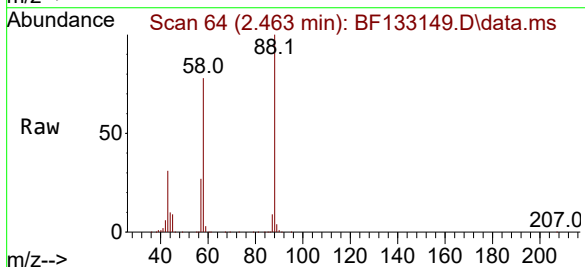
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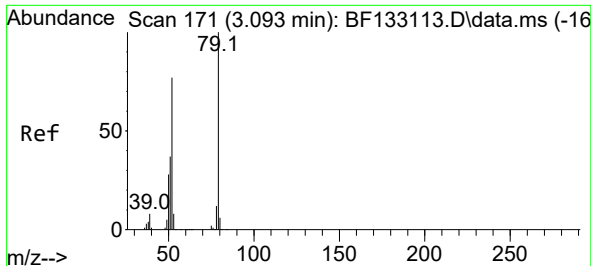
Tgt Ion:152 Resp: 201383
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.8 187.2
 115 59.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.211 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.076 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Tgt Ion: 88 Resp: 223912
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.7 97.1
 43 30.4 26.2 39.2

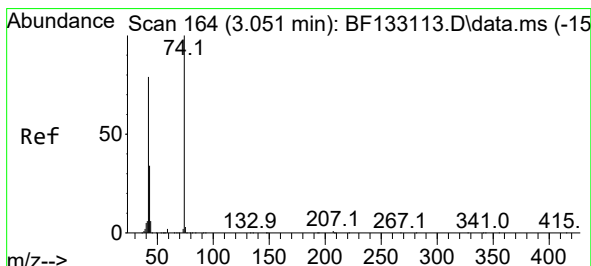
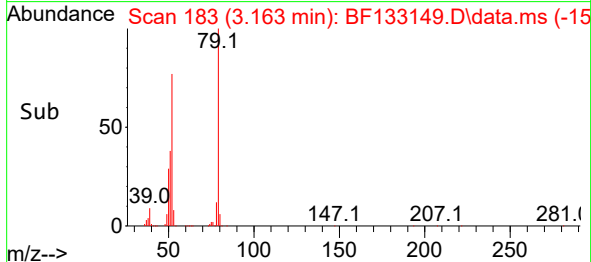
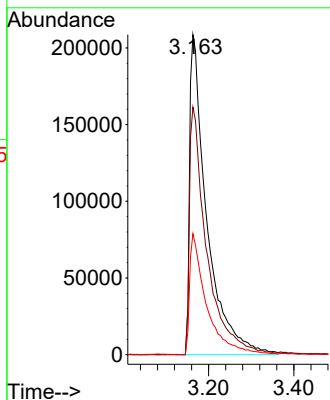
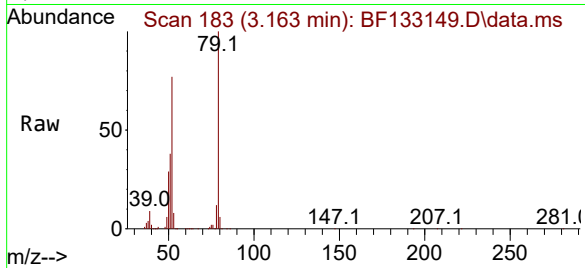




#3
Pyridine
Concen: 35.528 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

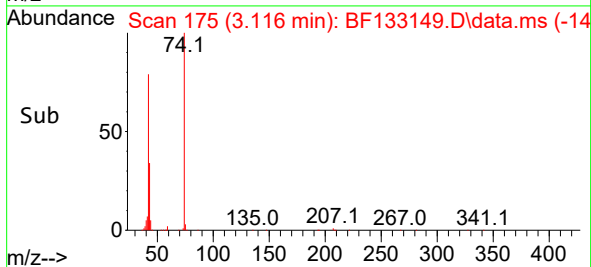
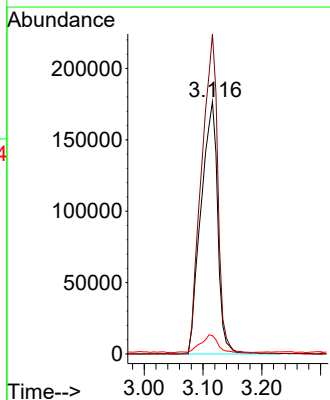
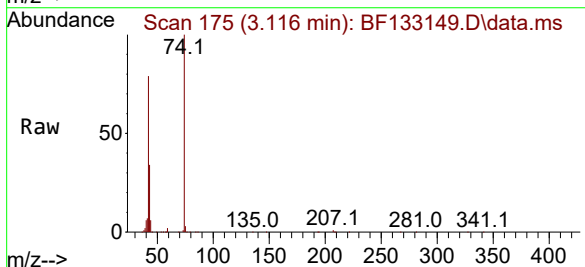
Instrument :
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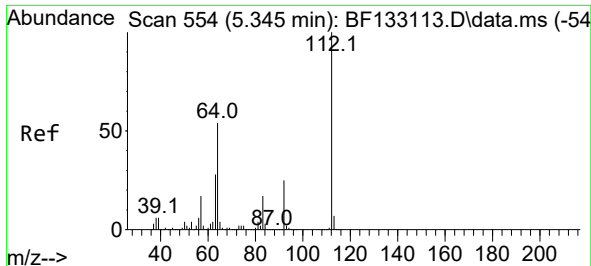
Tgt Ion: 79 Resp: 583489
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 37.8 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 40.830 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.071 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 42 Resp: 347328
Ion Ratio Lower Upper
42 100
74 126.8 98.0 147.0
44 7.3 5.8 8.8

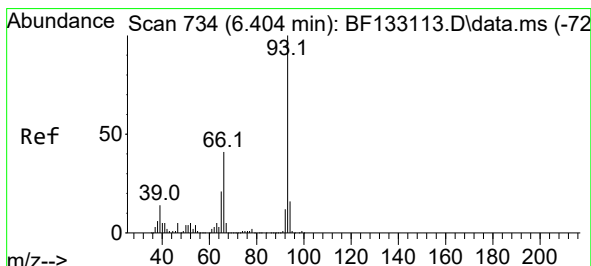
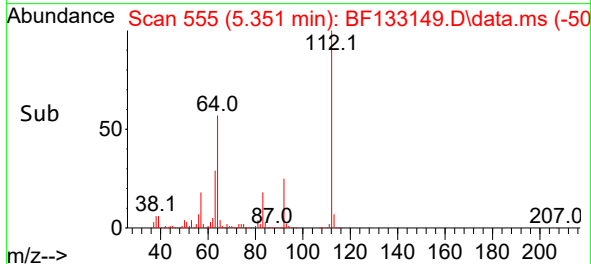
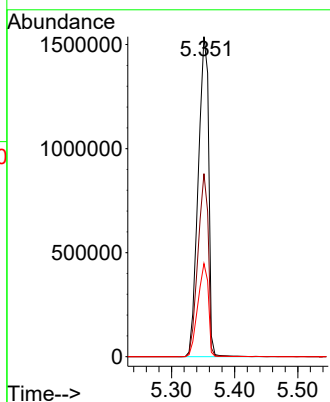
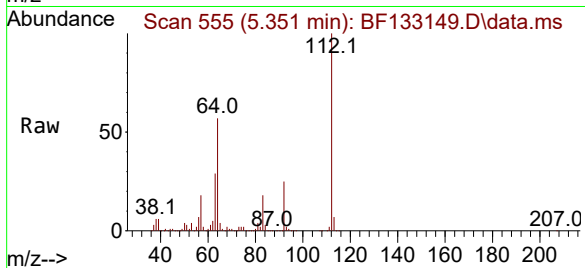




#5
2-Fluorophenol
Concen: 132.928 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

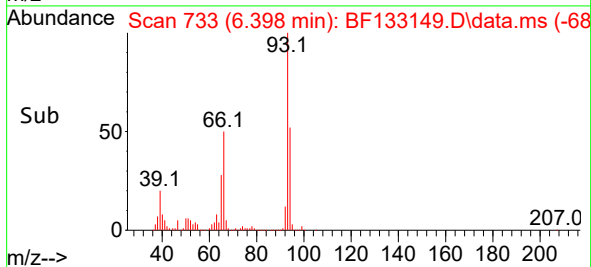
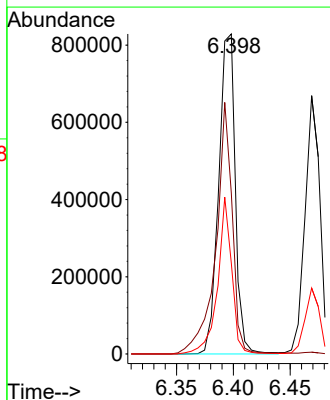
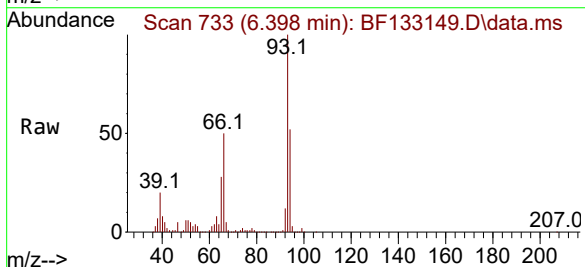
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ClientSampleId :
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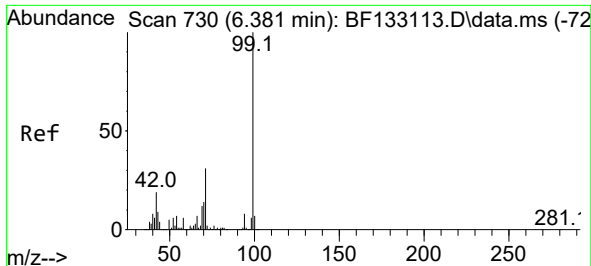
Tgt Ion:112 Resp: 1772100
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.1 23.8 35.8



#6
Aniline
Concen: 39.579 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 93 Resp: 843493
Ion Ratio Lower Upper
93 100
66 50.2 31.5 47.3#
65 28.3 16.4 24.6#

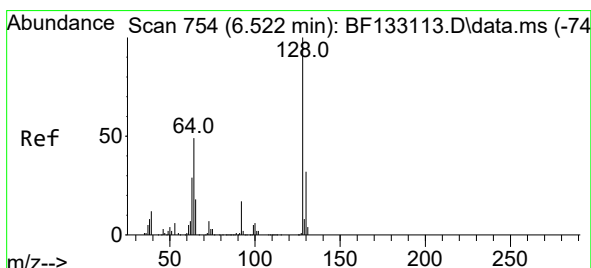
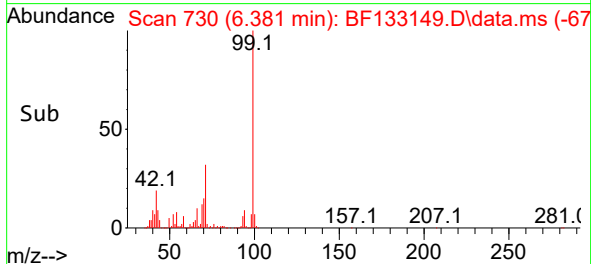
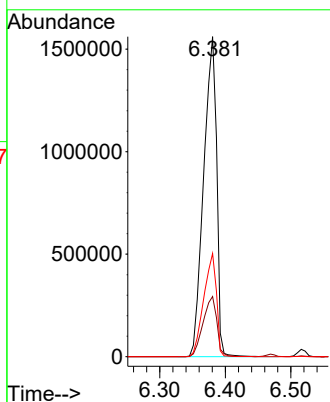
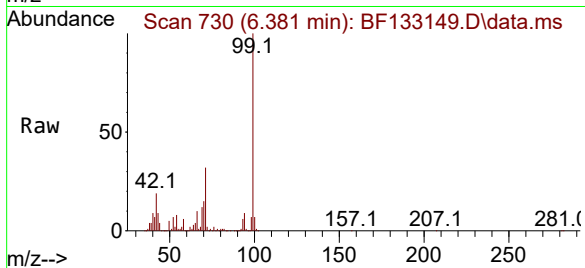




#7
Phenol-d6
Concen: 130.379 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

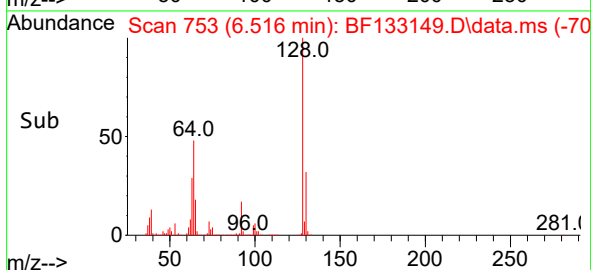
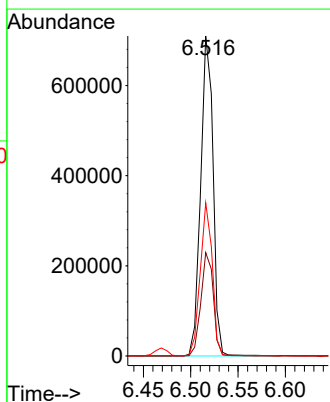
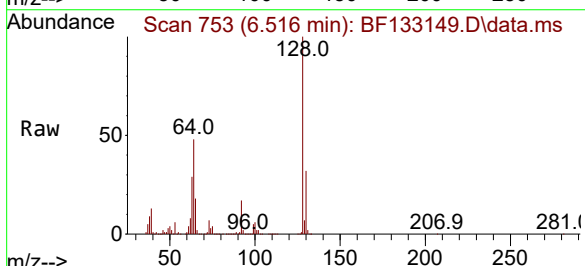
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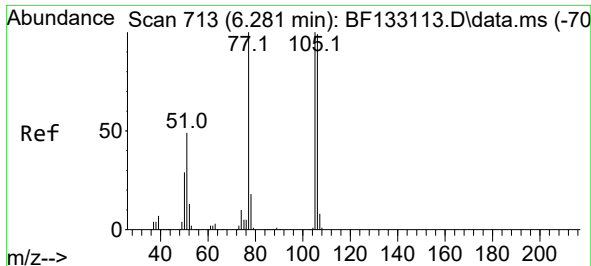
Tgt Ion: 99 Resp: 2157366
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 32.3 25.6 38.4



#8
2-Chlorophenol
Concen: 47.604 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

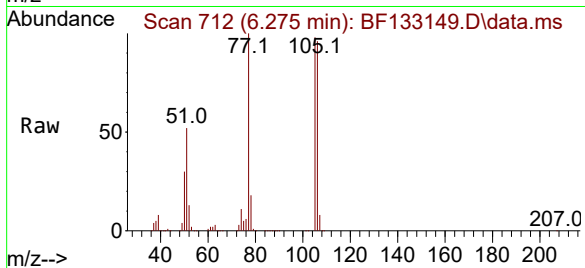
Tgt Ion:128 Resp: 644351
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 47.8 30.3 70.3



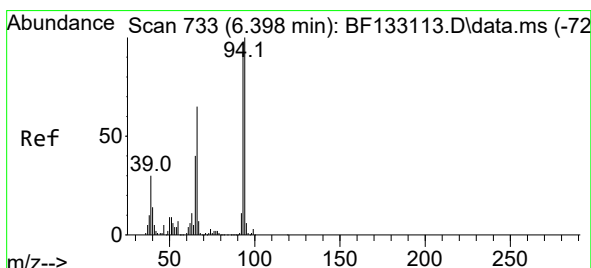
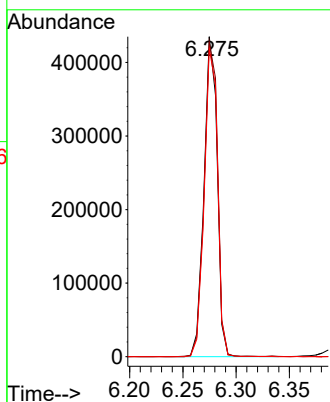
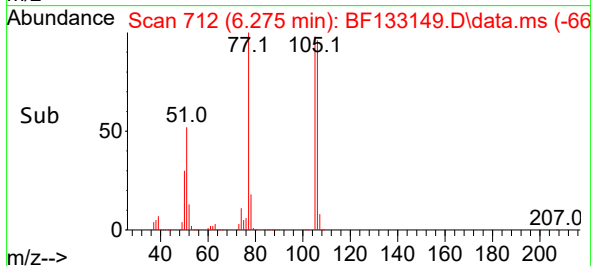


#9
Benzaldehyde
Concen: 56.457 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
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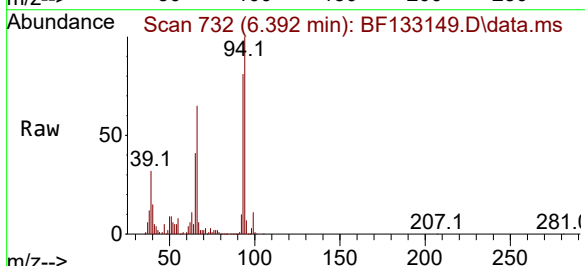
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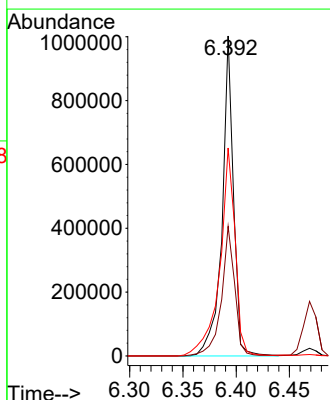
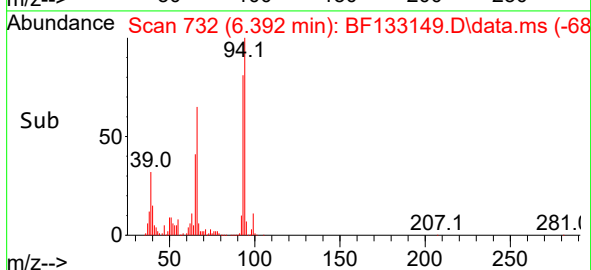
Tgt Ion: 77 Resp: 375406
Ion Ratio Lower Upper
77 100
105 98.3 82.3 122.3
106 96.2 80.8 120.8

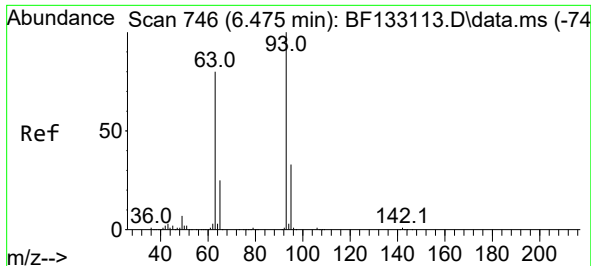


#10
Phenol
Concen: 40.771 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133149.D
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Tgt Ion: 94 Resp: 744236
Ion Ratio Lower Upper
94 100
65 40.5 8.6 48.6
66 65.0 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 44.276 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

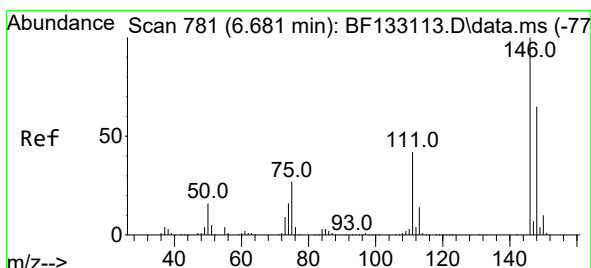
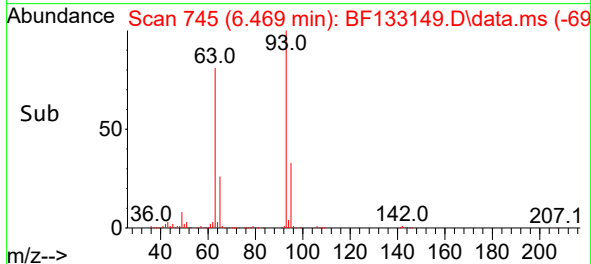
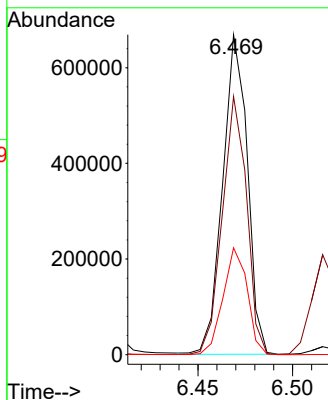
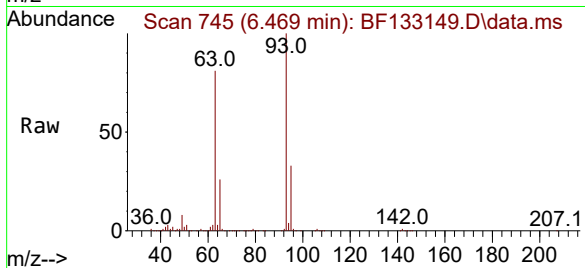
Tgt Ion: 93 Resp: 606496

Ion Ratio Lower Upper

93 100

63 80.7 60.6 100.6

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.869 ng

RT: 6.675 min Scan# 780

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

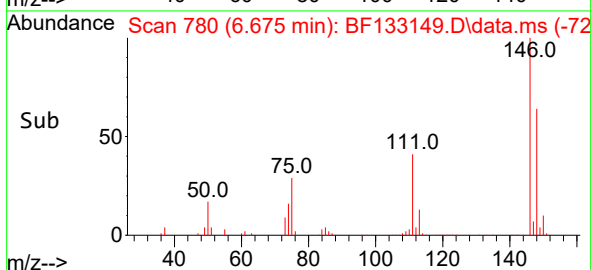
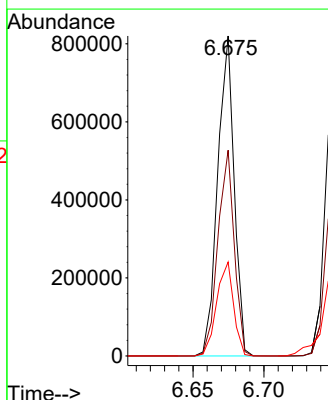
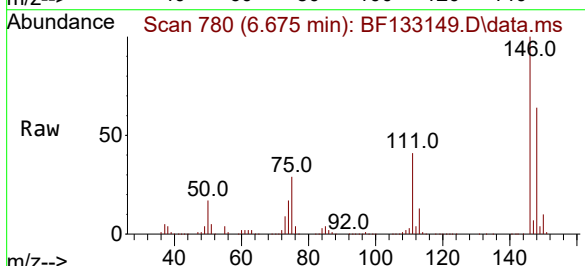
Tgt Ion:146 Resp: 660085

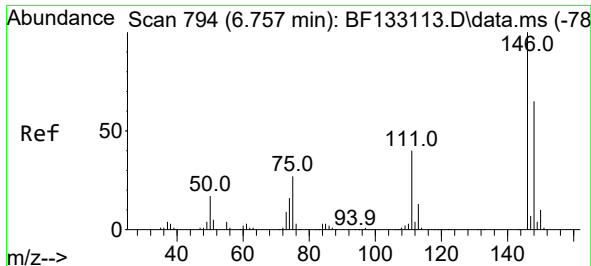
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.096 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

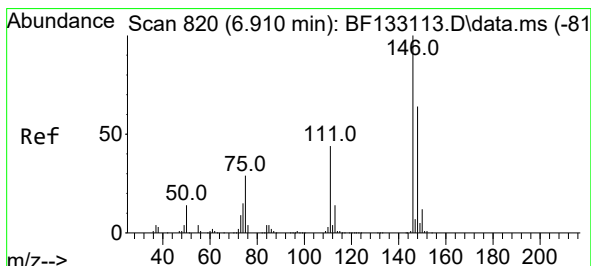
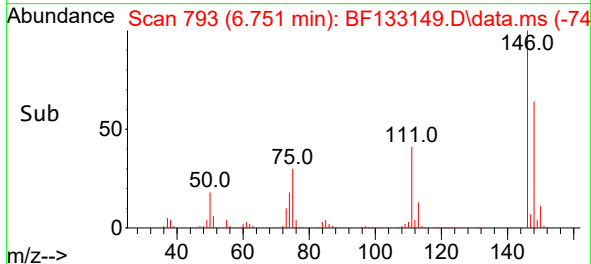
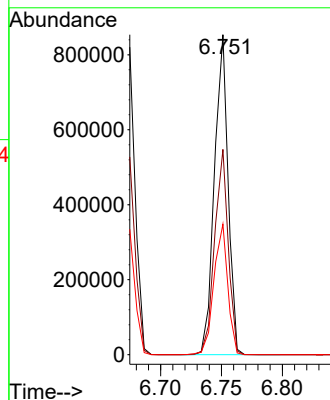
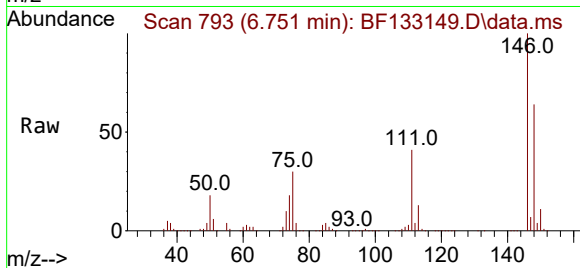
Tgt Ion:146 Resp: 664835

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 40.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.090 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

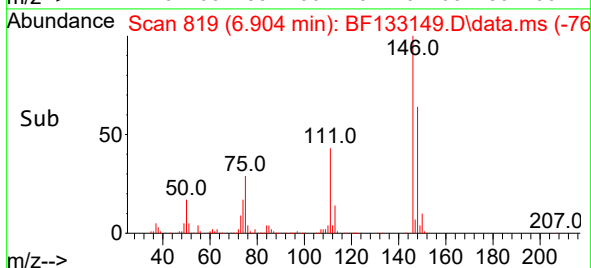
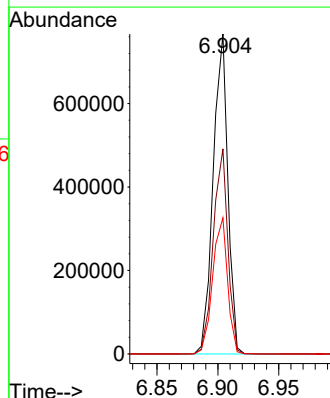
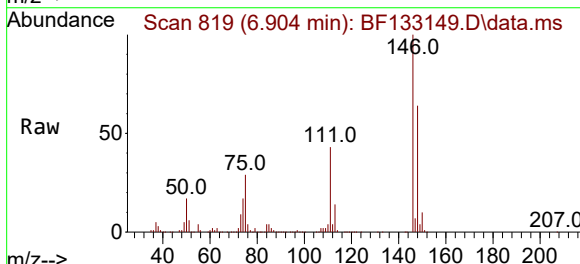
Tgt Ion:146 Resp: 639442

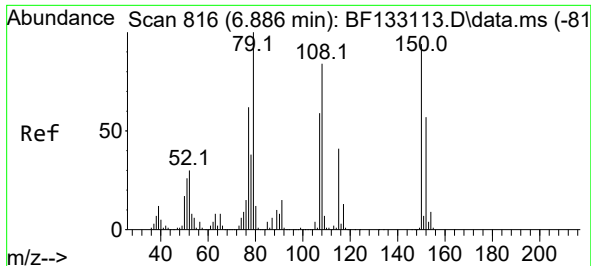
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

111 42.5 32.8 49.2

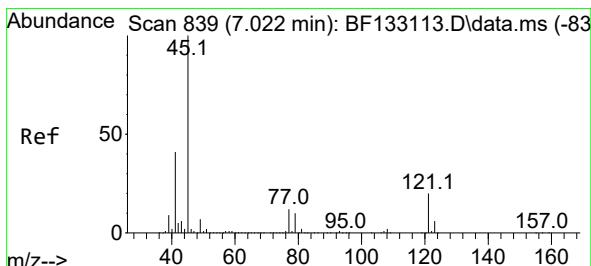
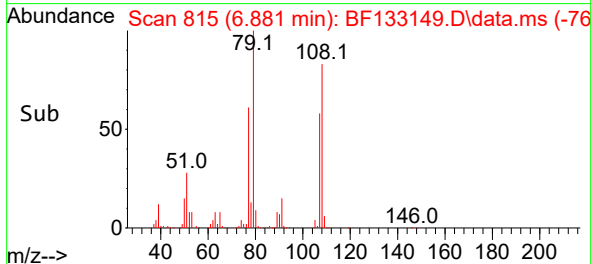
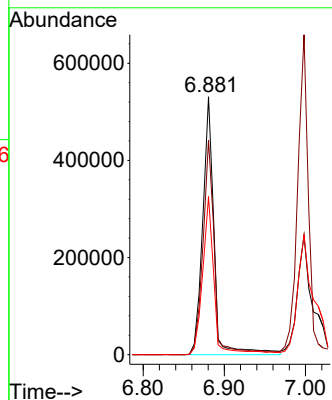
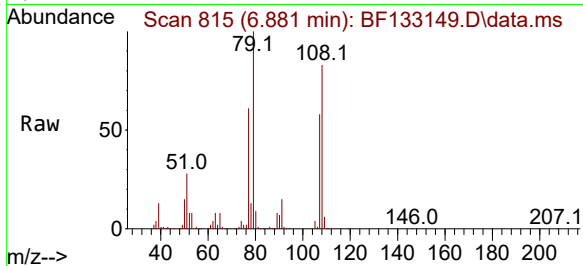




#15
Benzyl Alcohol
Concen: 45.062 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

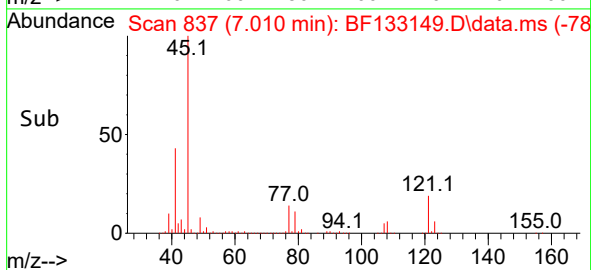
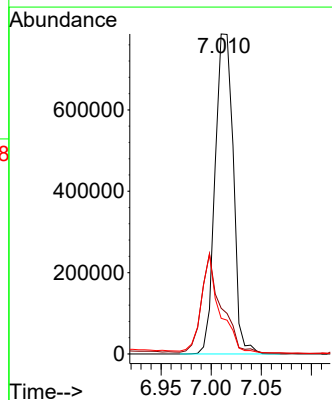
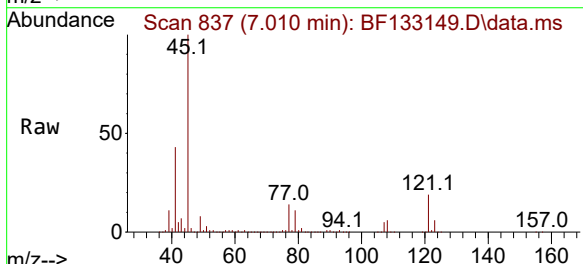
Instrument :
BNA_F
ClientSampleId :
PB152469BS

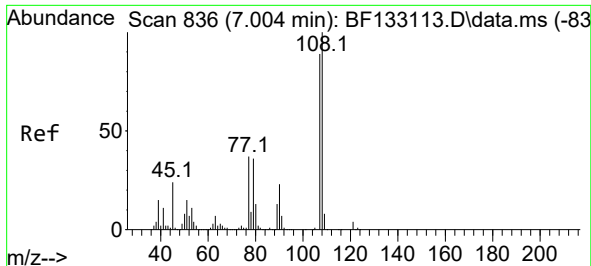
Tgt Ion: 79 Resp: 515057
Ion Ratio Lower Upper
79 100
108 83.2 66.6 99.8
77 61.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.624 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 45 Resp: 990324
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.5
79 11.1 0.0 28.7

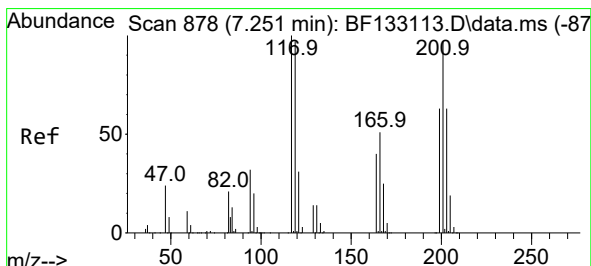
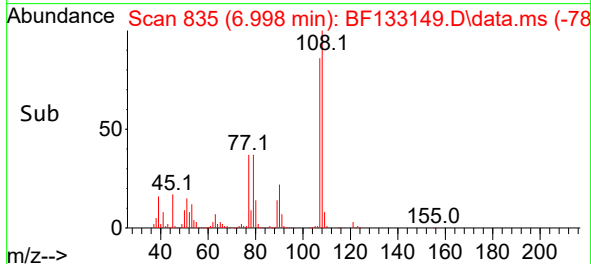
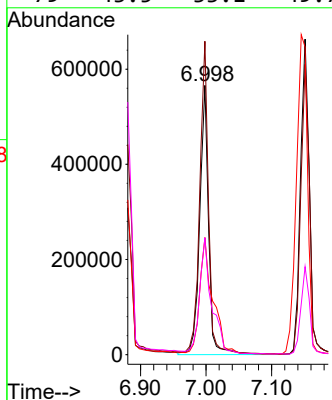
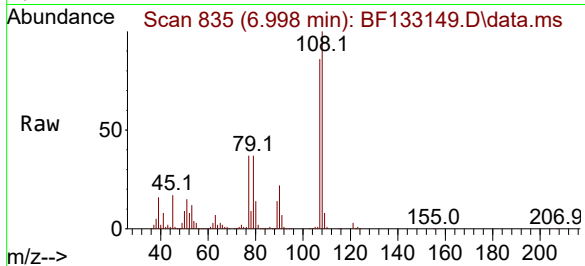




#17
2-Methylphenol
Concen: 43.246 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

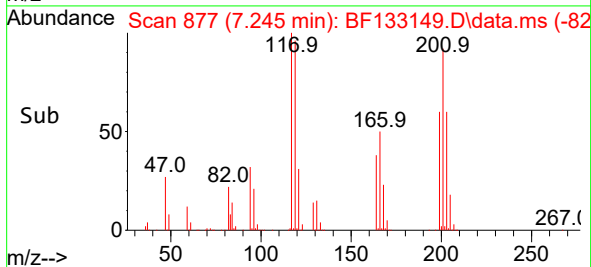
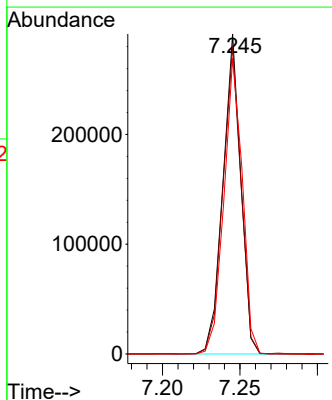
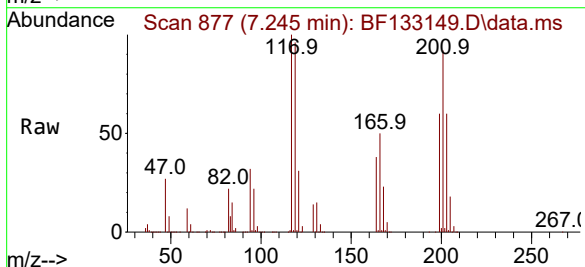
Instrument :
BNA_F
ClientSampleId :
PB152469BS

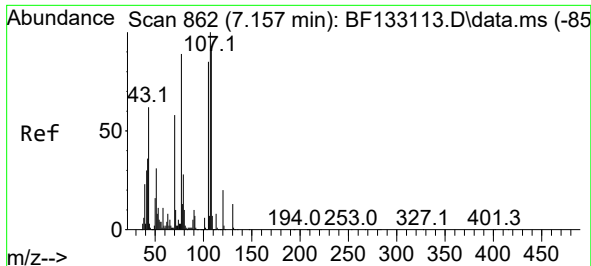
Tgt Ion:	107	Resp:	536000
Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.4	138.6
77	43.5	33.8	50.8
79	43.5	33.1	49.7



#18
Hexachloroethane
Concen: 46.601 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:	117	Resp:	233673
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.4
201	92.3	81.7	122.5

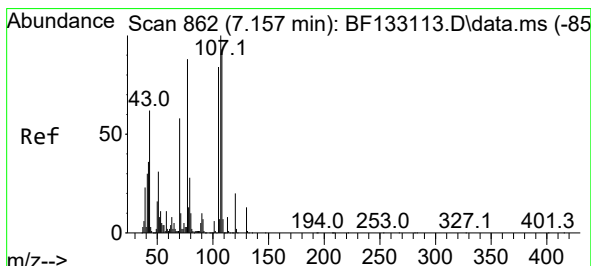
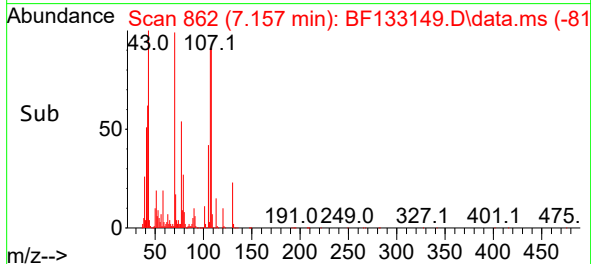
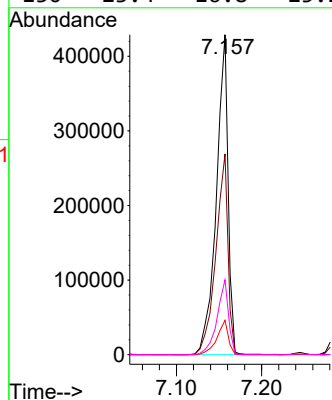
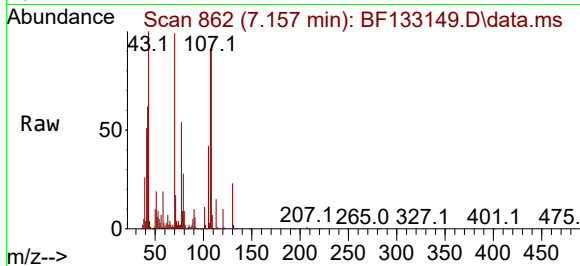




#19
n-Nitroso-di-n-propylamine
Concen: 39.941 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

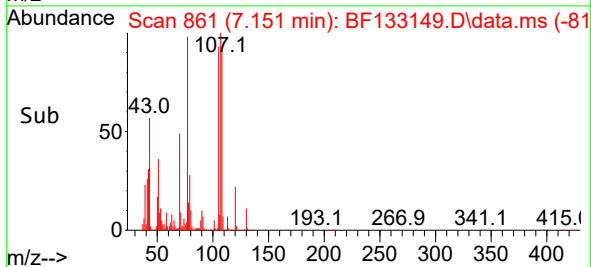
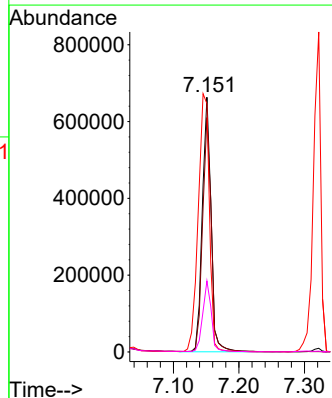
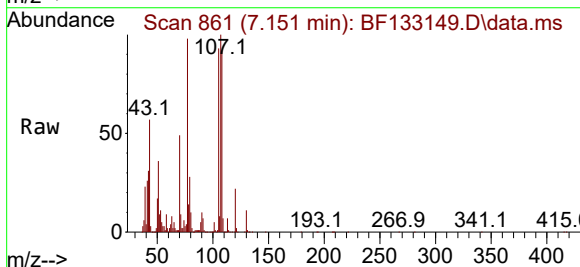
Instrument :
BNA_F
ClientSampleId :
PB152469BS

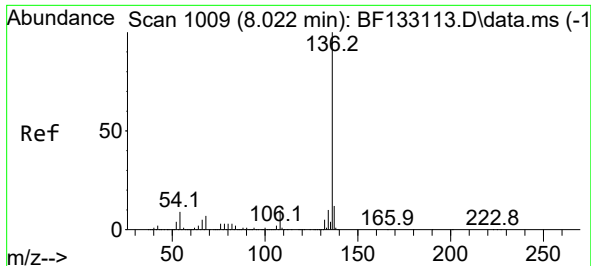
Tgt Ion: 70 Resp: 411444
Ion Ratio Lower Upper
70 100
42 62.8 51.8 77.6
101 10.7 8.0 12.0
130 23.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 42.225 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 107 Resp: 616326
Ion Ratio Lower Upper
107 100
108 92.0 70.5 110.5
77 97.5 91.7 131.7
79 27.9 7.1 47.1



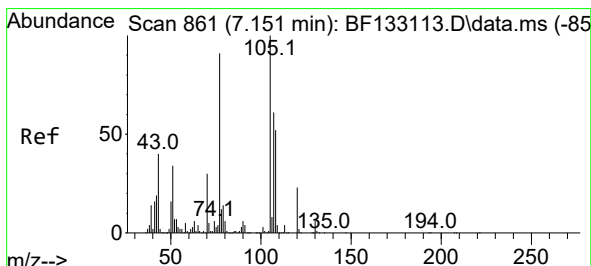
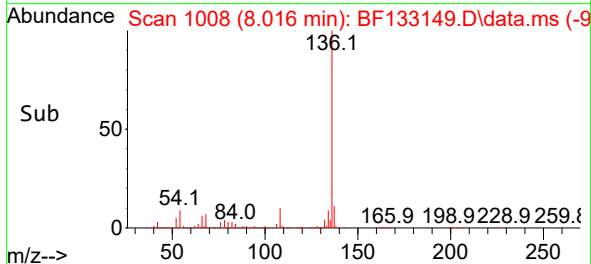
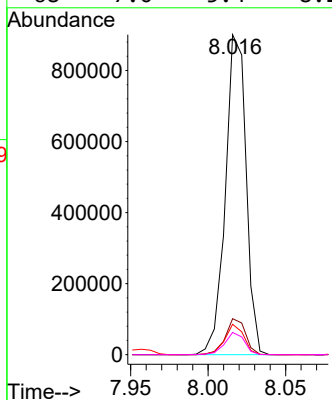
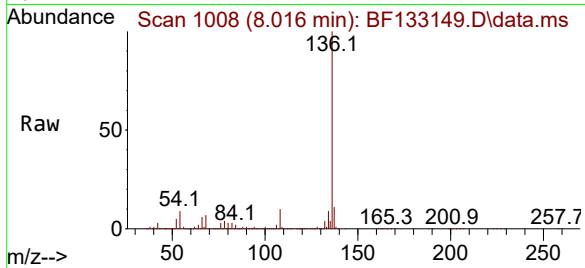


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion:136 Resp: 837754

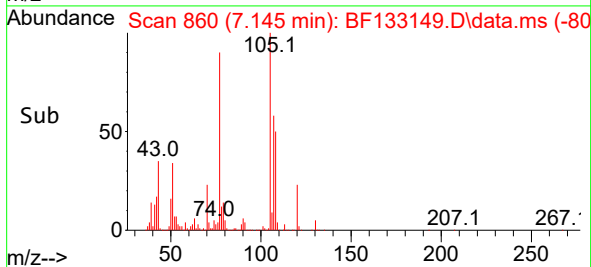
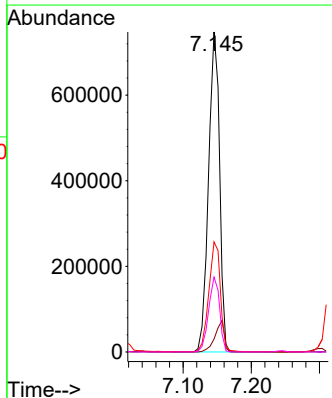
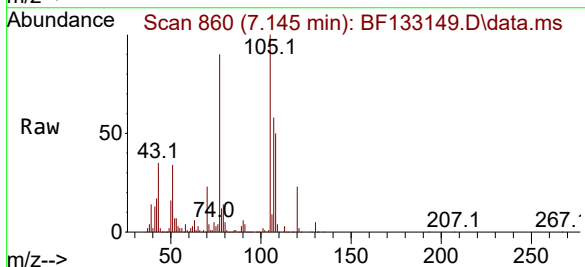
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.5	7.0	10.4
68	7.0	5.4	8.2

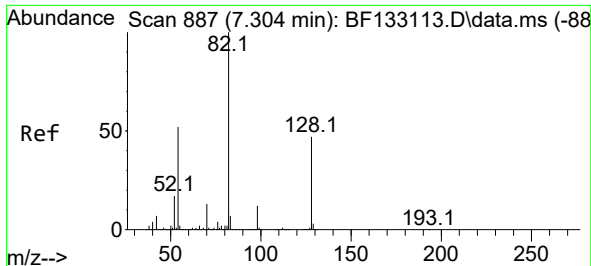


#22
Acetophenone
Concen: 43.273 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:105 Resp: 839768

Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.6	7.0#
51	34.4	28.2	42.2
120	23.4	18.4	27.6





#23

Nitrobenzene-d5

Concen: 86.807 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

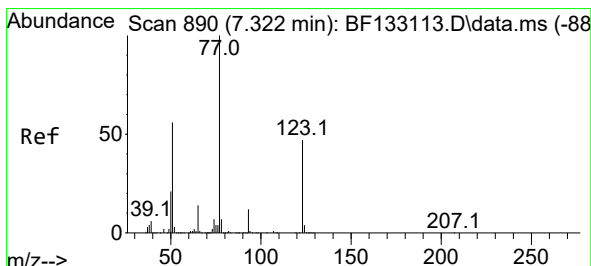
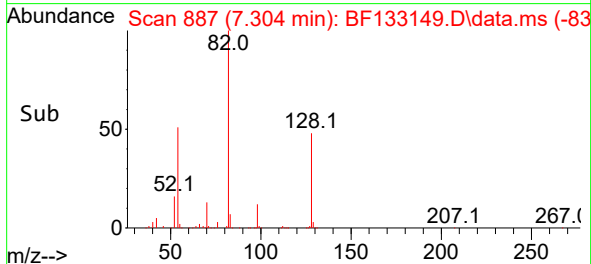
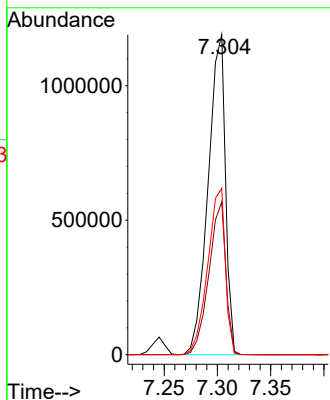
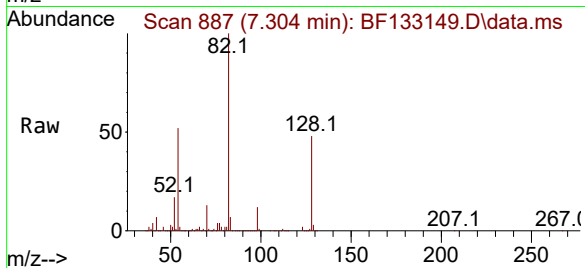
Tgt Ion: 82 Resp: 1347298

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

54 52.0 43.0 64.4



#24

Nitrobenzene

Concen: 41.729 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

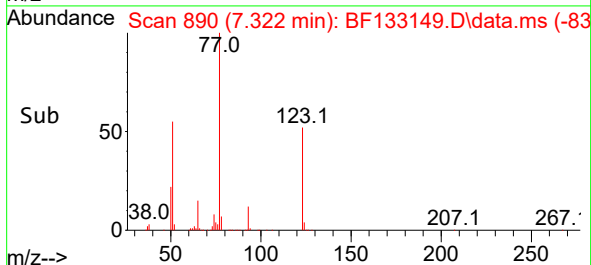
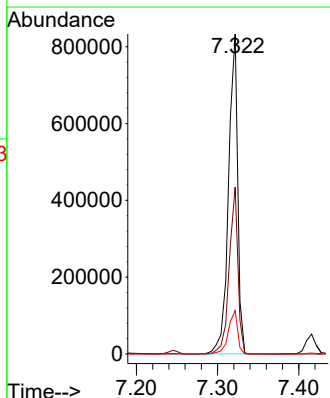
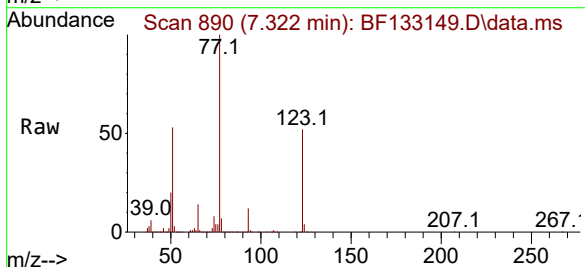
Tgt Ion: 77 Resp: 656291

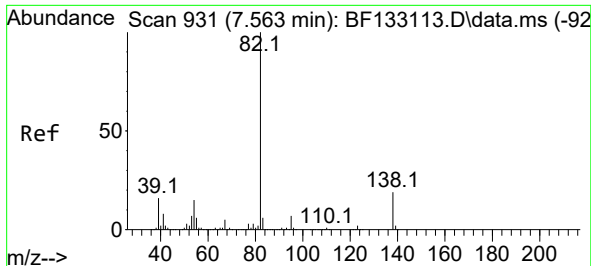
Ion Ratio Lower Upper

77 100

123 52.2 39.9 59.9

65 13.5 10.7 16.1

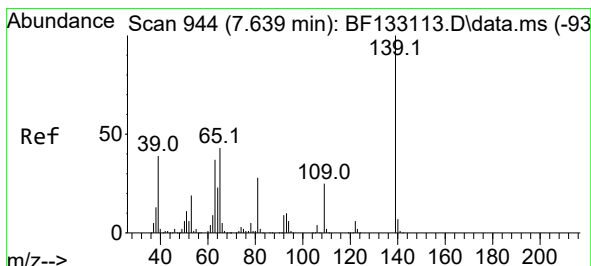
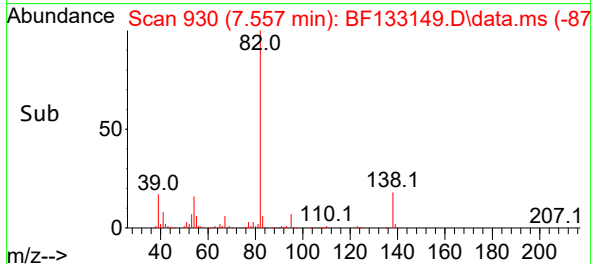
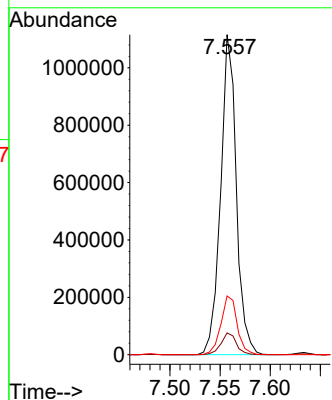
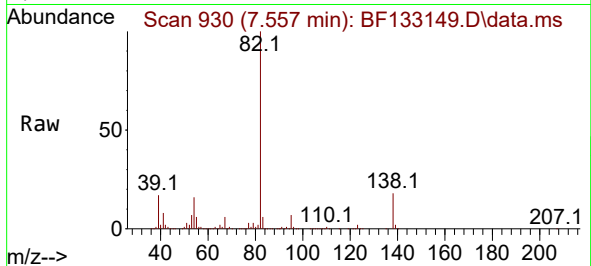




#25
Isophorone
Concen: 41.079 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

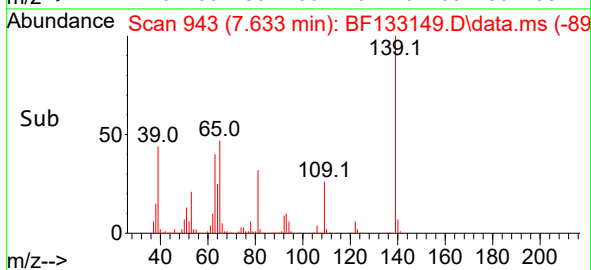
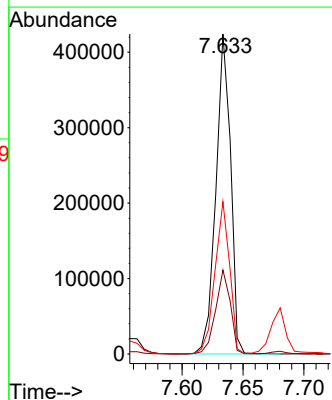
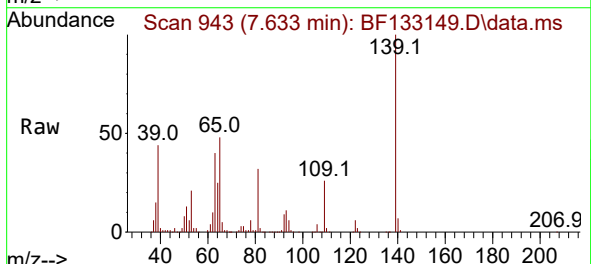
Instrument :
BNA_F
ClientSampleId :
PB152469BS

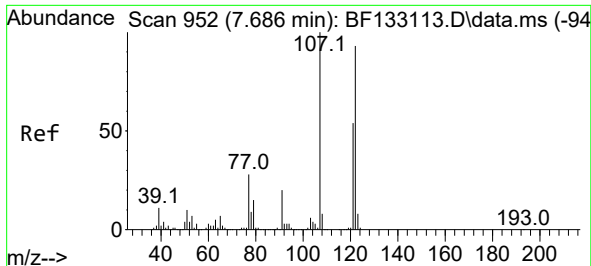
Tgt Ion: 82 Resp: 1210523
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.4 16.0 24.0



#26
2-Nitrophenol
Concen: 46.769 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:139 Resp: 354780
Ion Ratio Lower Upper
139 100
109 26.3 21.6 32.4
65 47.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.954 ng

RT: 7.680 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

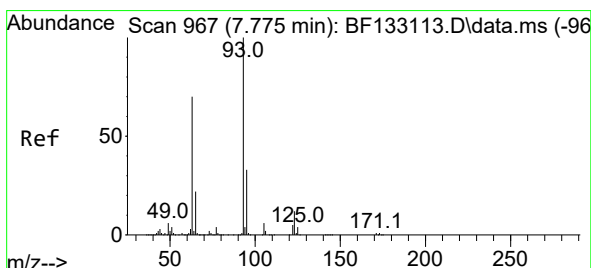
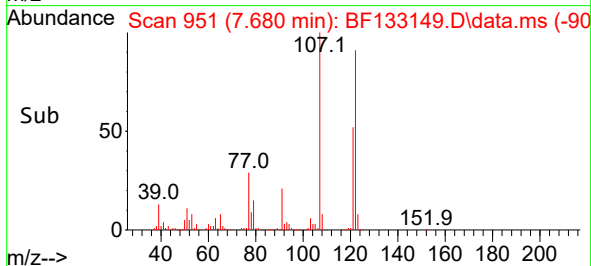
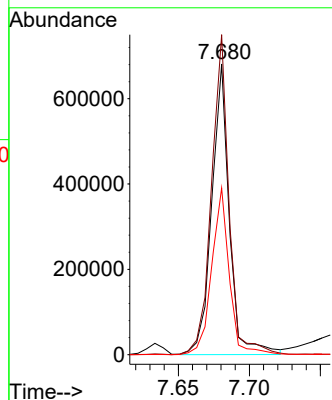
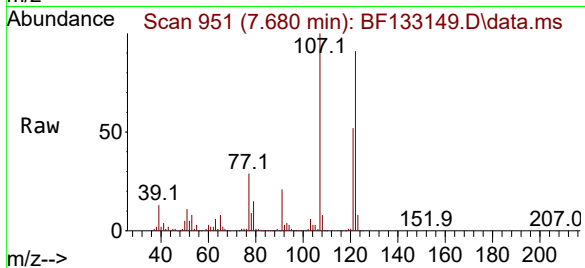
Tgt Ion:122 Resp: 584738

Ion Ratio Lower Upper

122 100

107 110.1 89.7 134.5

121 57.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.908 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

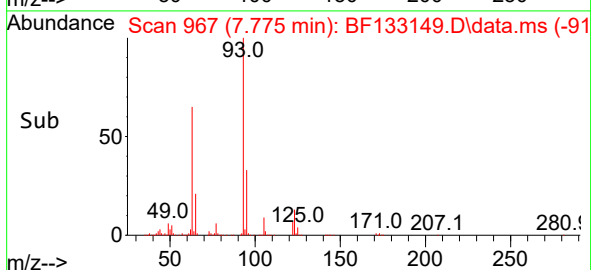
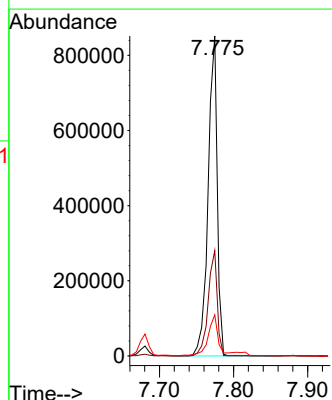
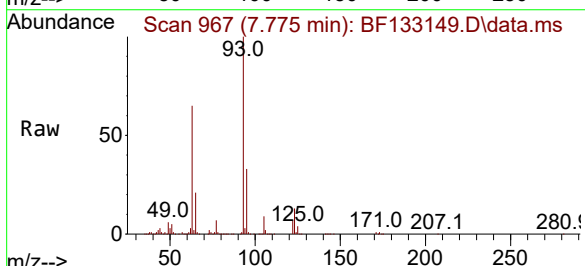
Tgt Ion: 93 Resp: 730588

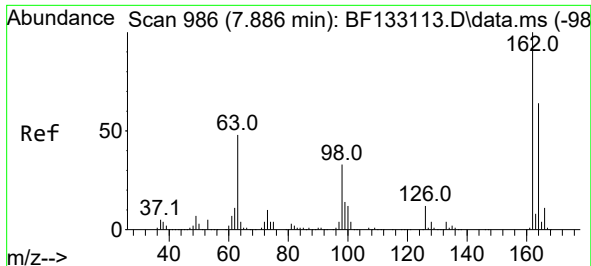
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.071 ng

RT: 7.880 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

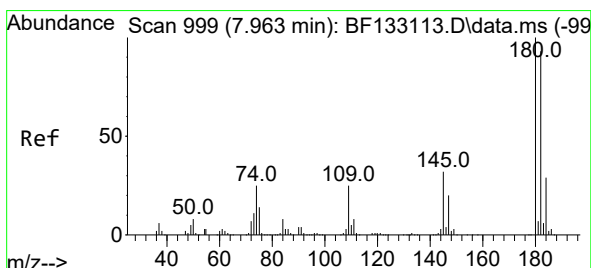
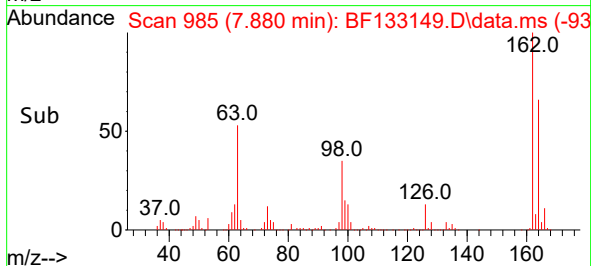
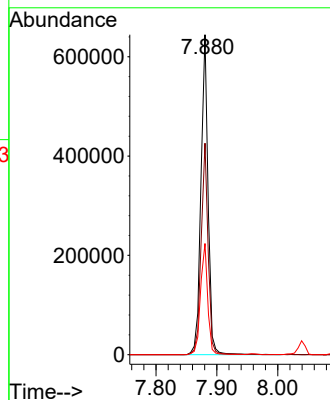
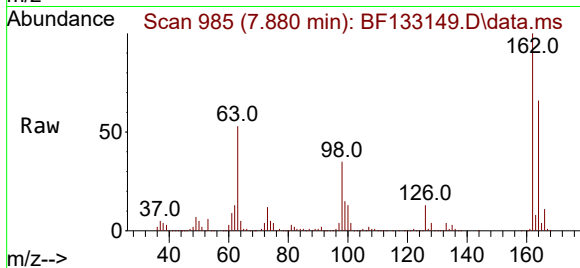
Tgt Ion:162 Resp: 521864

Ion Ratio Lower Upper

162 100

164 66.1 43.9 83.9

98 34.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.717 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

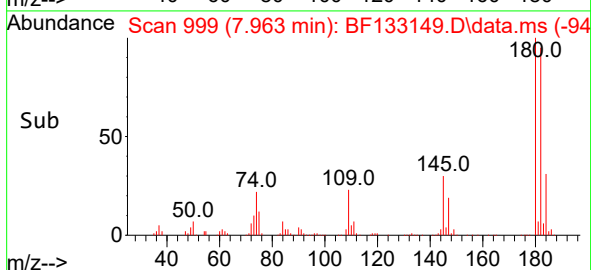
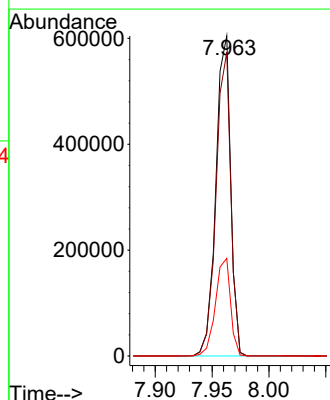
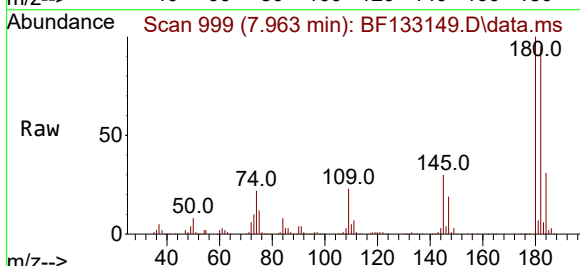
Tgt Ion:180 Resp: 548568

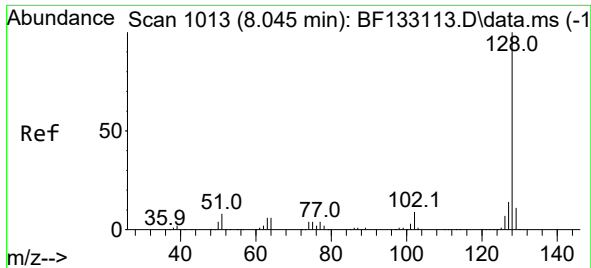
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 30.5 25.3 37.9

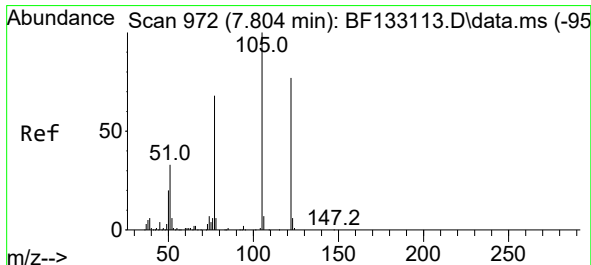
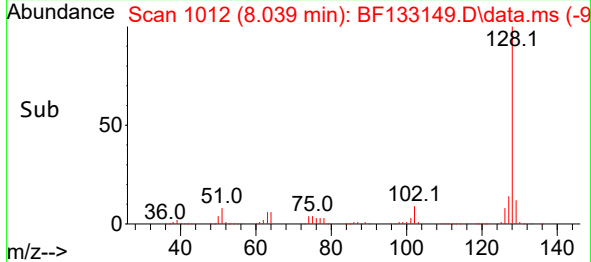
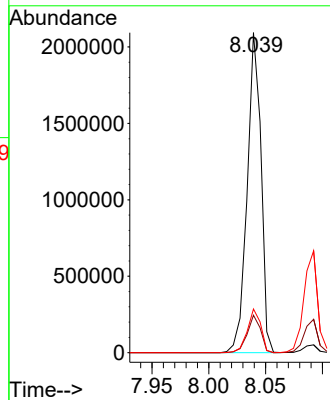
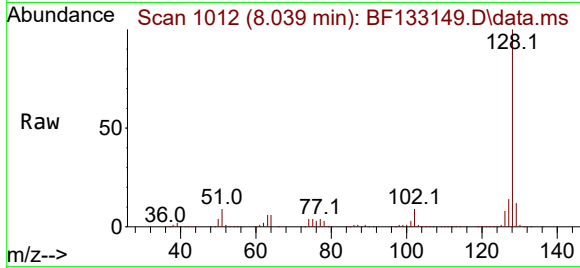




#31
Naphthalene
Concen: 42.308 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

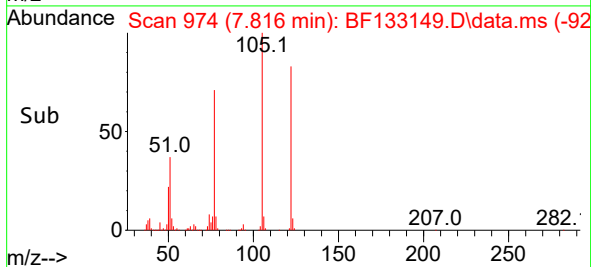
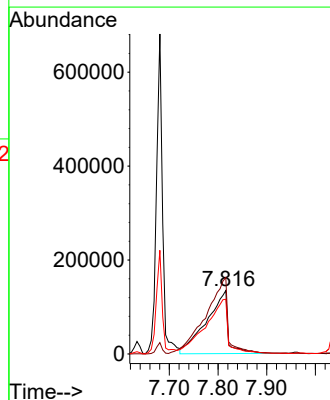
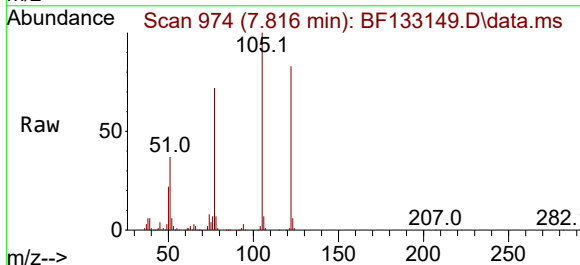
Instrument :
BNA_F
ClientSampleId :
PB152469BS

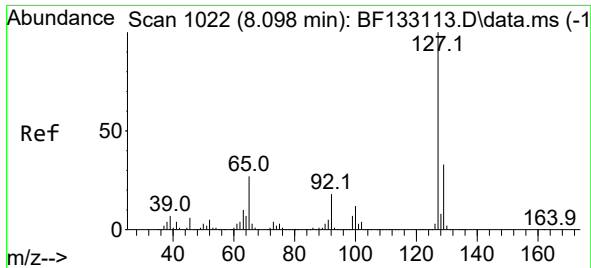
Tgt Ion:128 Resp: 1772080
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 51.596 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:122 Resp: 414556
Ion Ratio Lower Upper
122 100
105 120.6 104.2 144.2
77 86.3 69.7 109.7

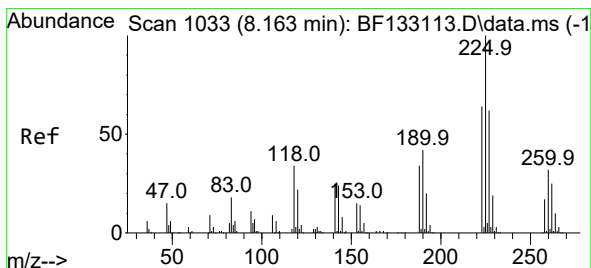
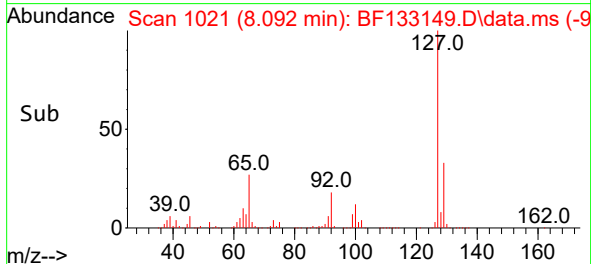
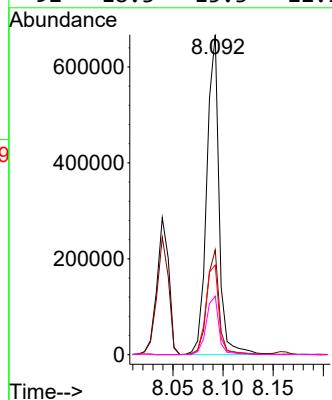
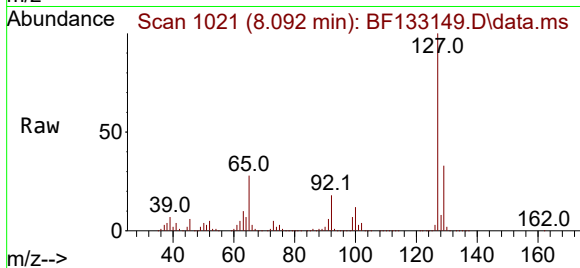




#33
4-Chloroaniline
Concen: 33.806 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

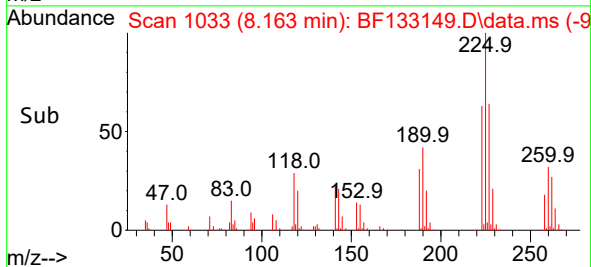
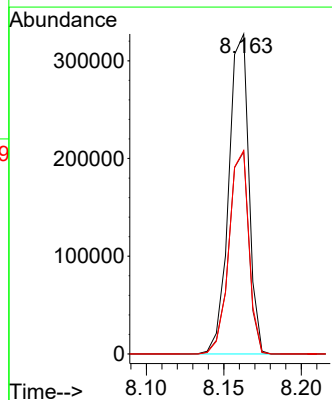
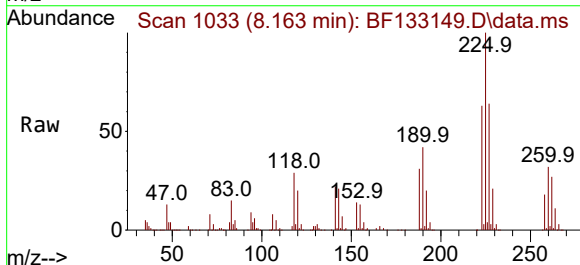
Instrument :
BNA_F
ClientSampleId :
PB152469BS

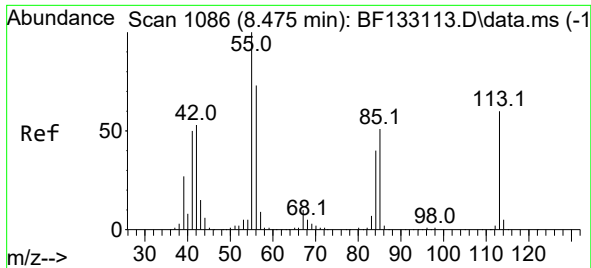
Tgt Ion:	127	Resp:	572111
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	28.0	23.6	35.4
92	18.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.359 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:	225	Resp:	294806
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.6	50.3	75.5

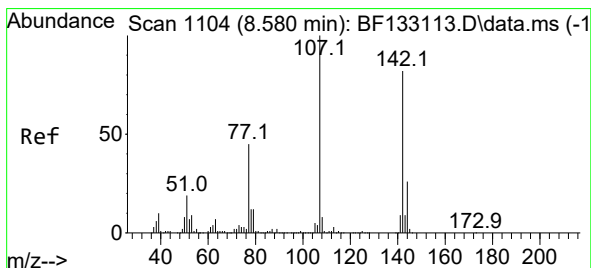
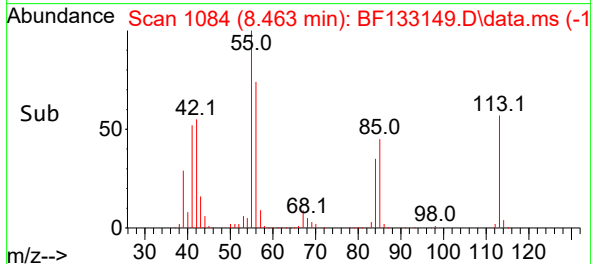
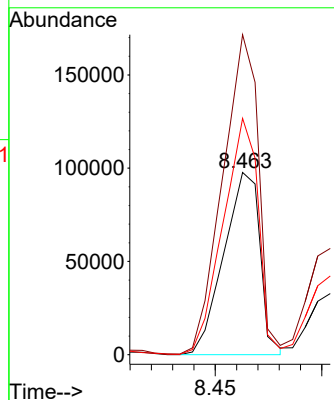
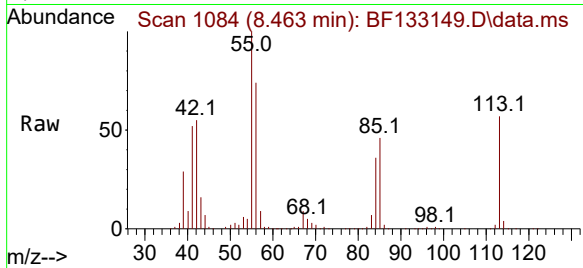




#35
 Caprolactam
 Concen: 28.906 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

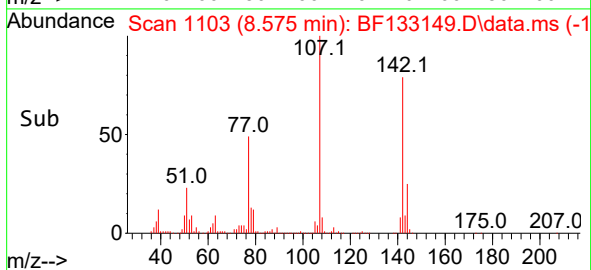
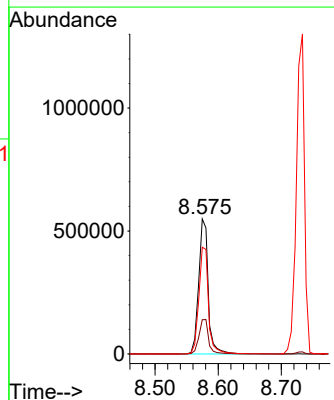
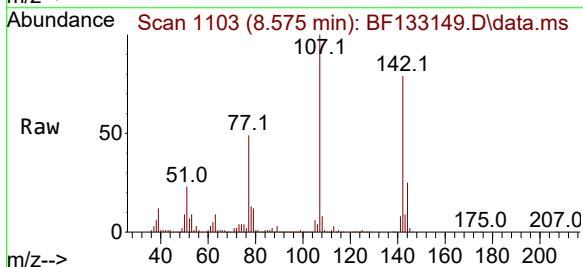
Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

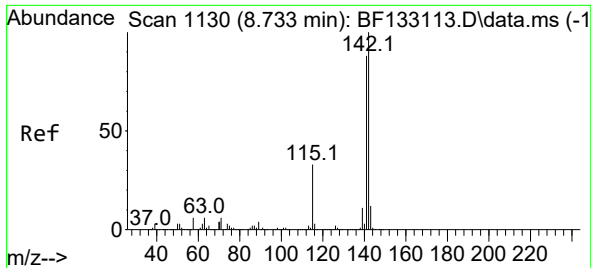
Tgt Ion:113 Resp: 114985
 Ion Ratio Lower Upper
 113 100
 55 175.6 167.1 207.1
 56 129.7 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.052 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Tgt Ion:107 Resp: 575283
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.6 30.8
 142 79.0 62.8 94.2

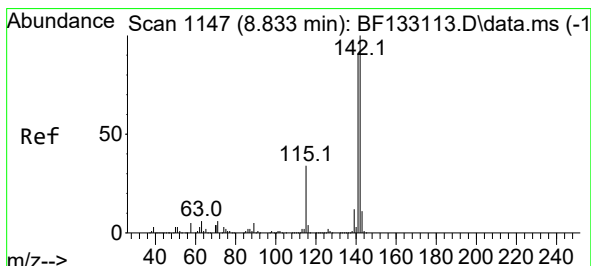
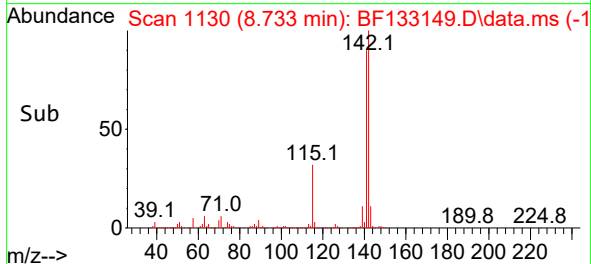
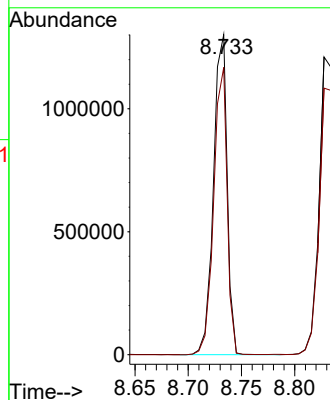
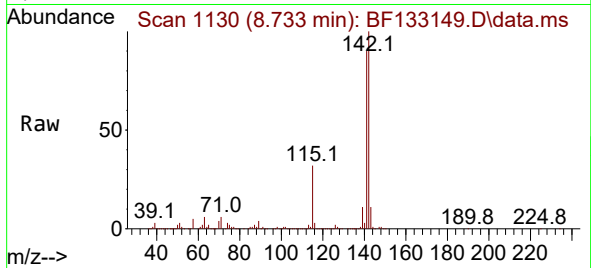




#37
2-Methylnaphthalene
Concen: 40.768 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

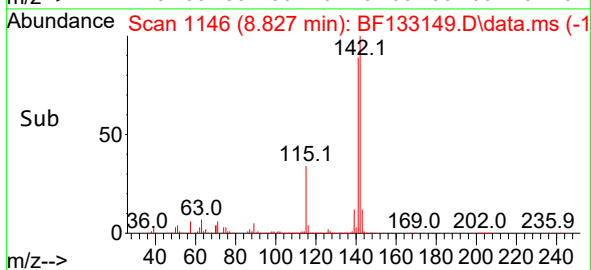
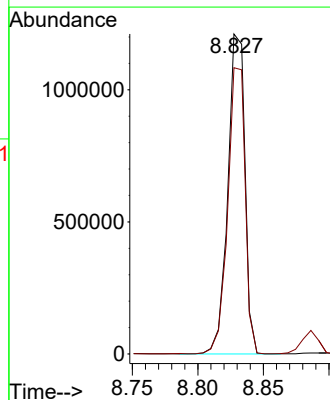
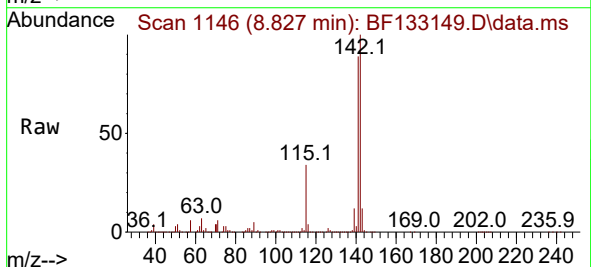
Instrument :
BNA_F
ClientSampleId :
PB152469BS

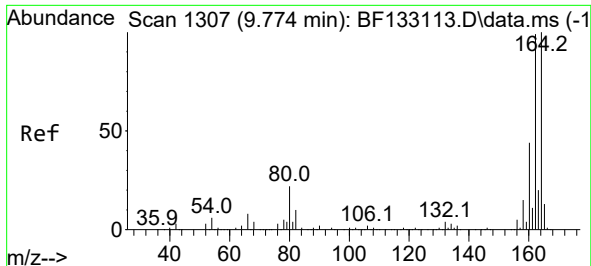
Tgt Ion:142 Resp: 1167432
Ion Ratio Lower Upper
142 100
141 89.8 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.118 ng
RT: 8.827 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:142 Resp: 1101489
Ion Ratio Lower Upper
142 100
141 89.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

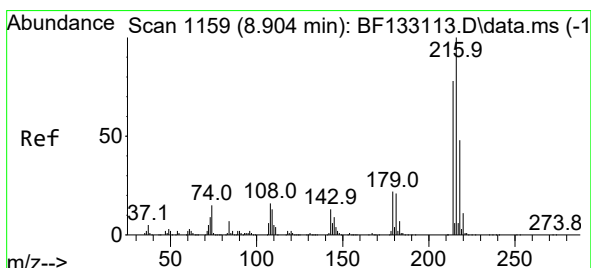
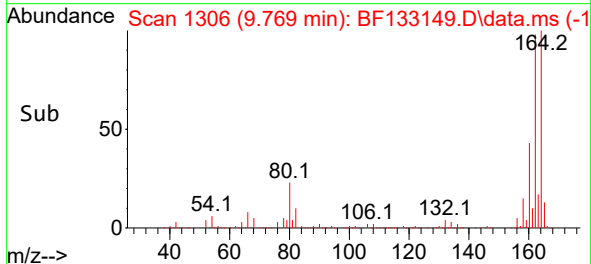
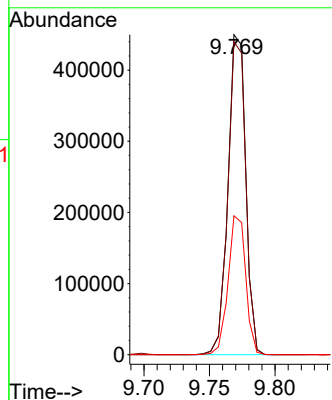
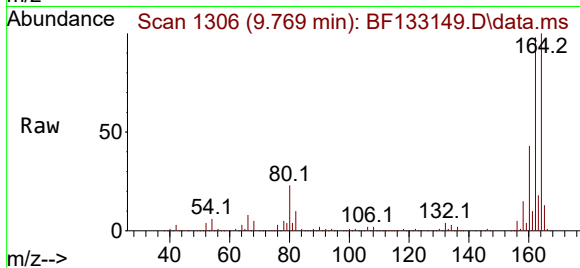
Tgt Ion:164 Resp: 423860

Ion Ratio Lower Upper

164 100

162 97.9 78.7 118.1

160 43.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.239 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Tgt Ion:216 Resp: 469974

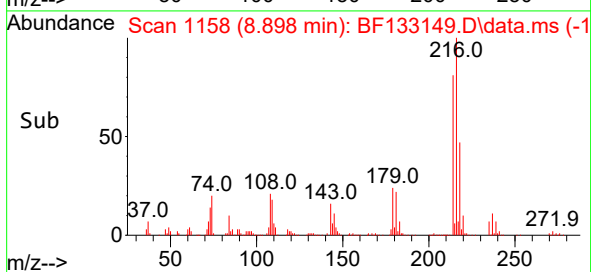
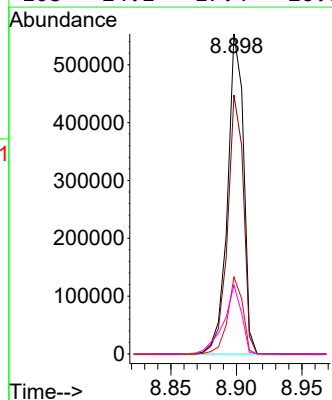
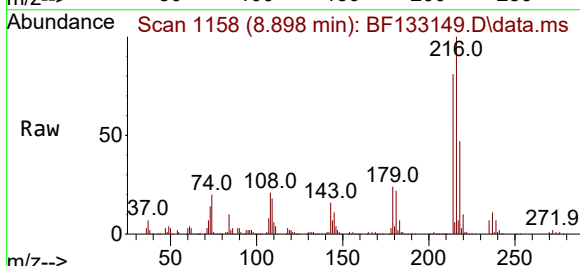
Ion Ratio Lower Upper

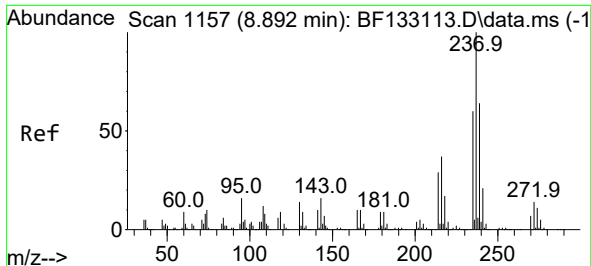
216 100

214 80.0 63.5 95.3

179 22.7 17.4 26.2

108 24.1 17.4 26.0

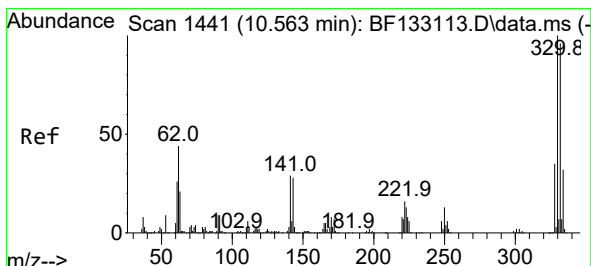
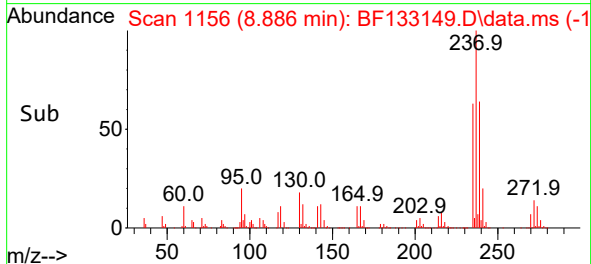
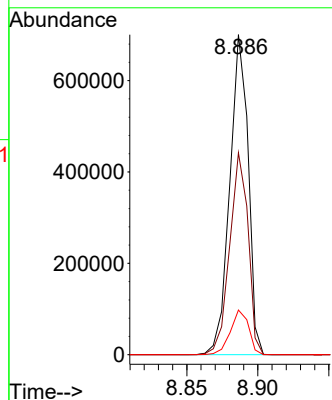
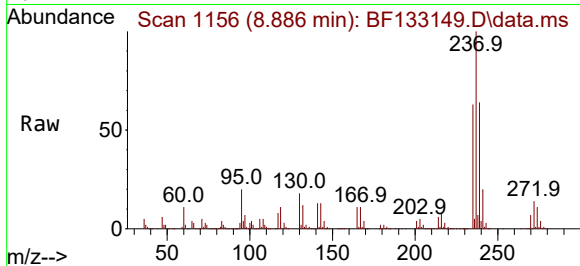




#41
Hexachlorocyclopentadiene
Concen: 94.652 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

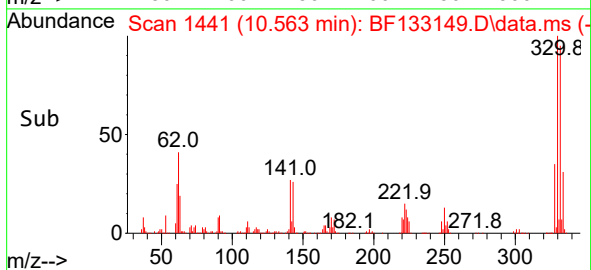
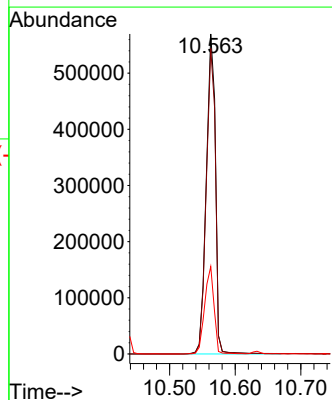
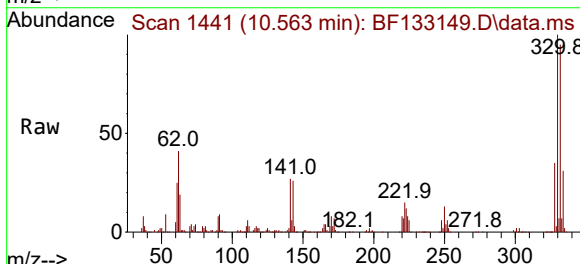
Instrument :
BNA_F
ClientSampleId :
PB152469BS

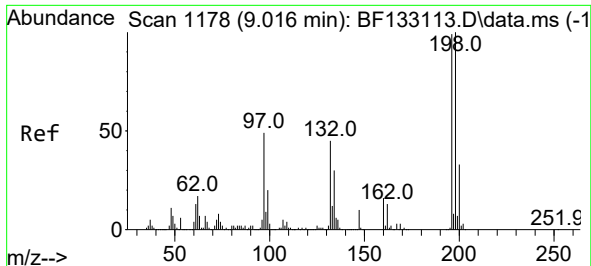
Tgt Ion: 237 Resp: 629095
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 14.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 130.316 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 330 Resp: 555503
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.0 25.8 38.8

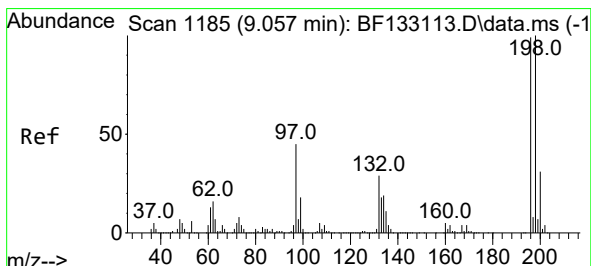
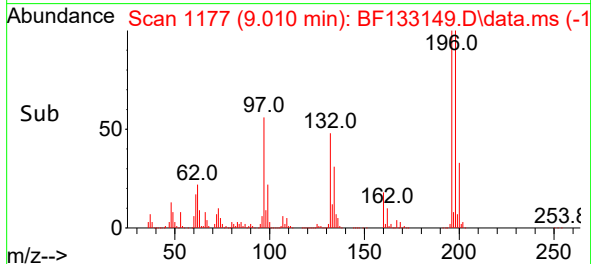
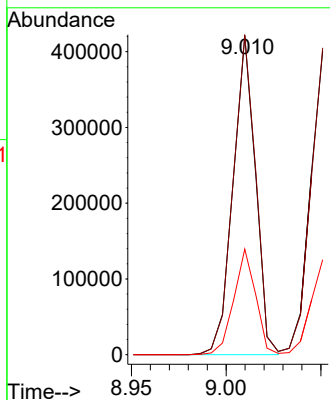
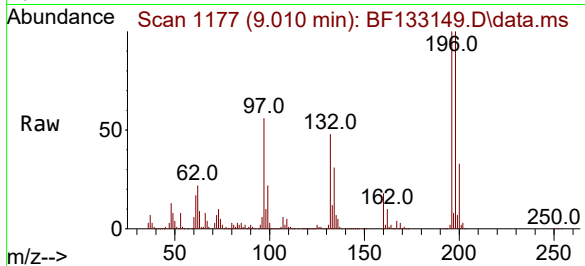




#43
2,4,6-Trichlorophenol
Concen: 43.900 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

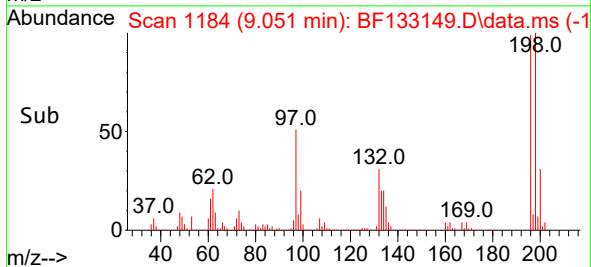
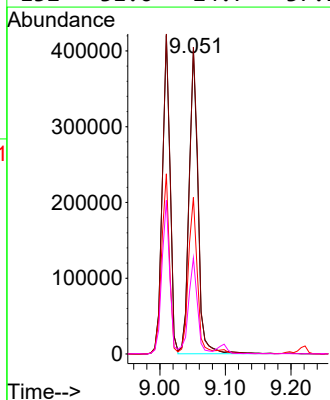
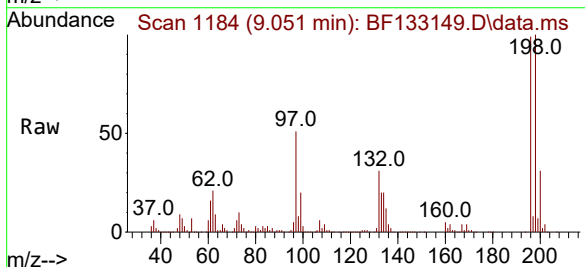
Instrument :
BNA_F
ClientSampleId :
PB152469BS

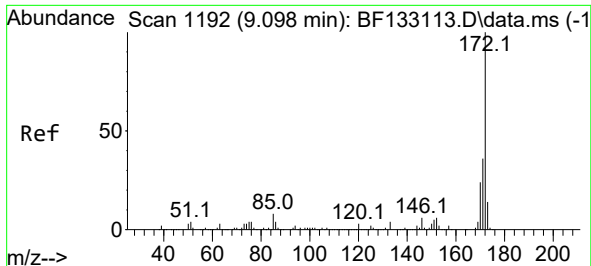
Tgt Ion:196 Resp: 345990
Ion Ratio Lower Upper
196 100
198 100.5 81.0 121.6
200 33.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 41.713 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:196 Resp: 380216
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 51.5 41.3 61.9
132 31.6 24.7 37.1

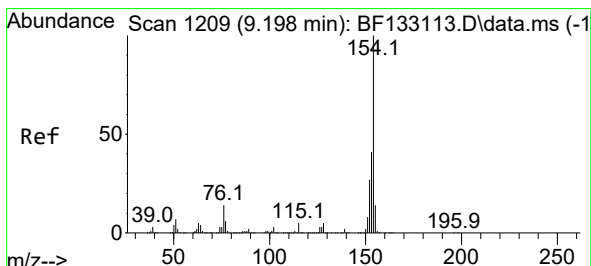
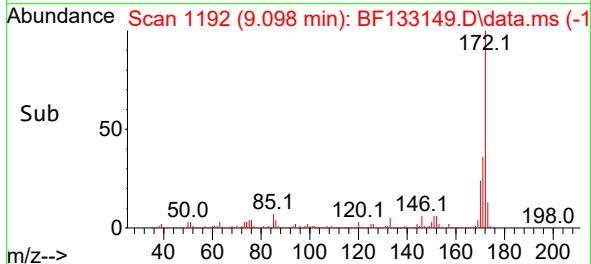
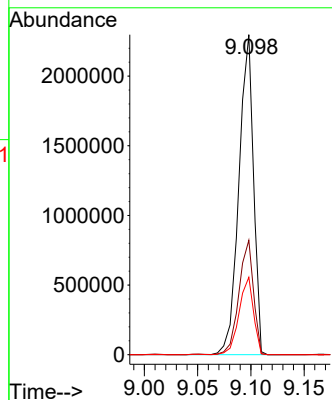
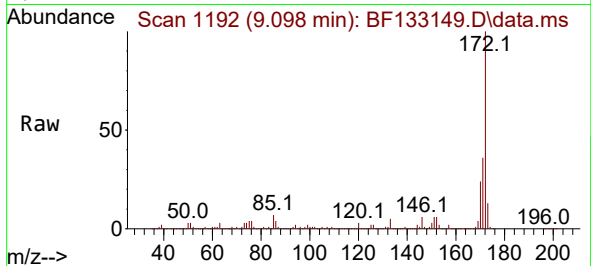




#45
2-Fluorobiphenyl
Concen: 86.940 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

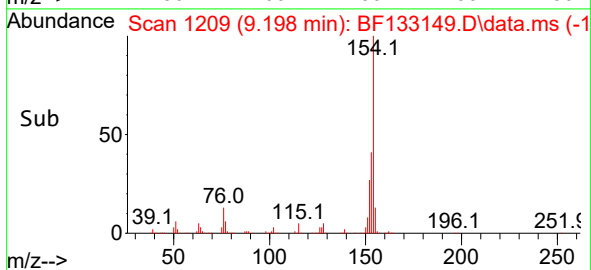
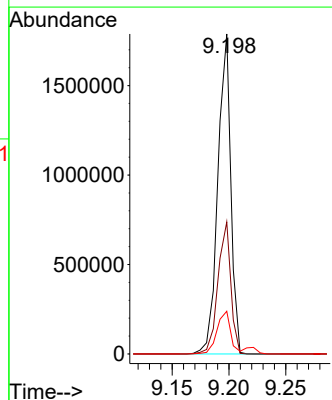
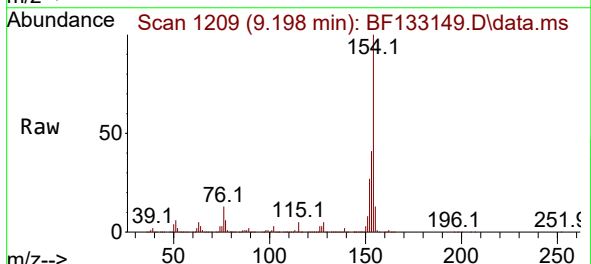
Instrument :
BNA_F
ClientSampleId :
PB152469BS

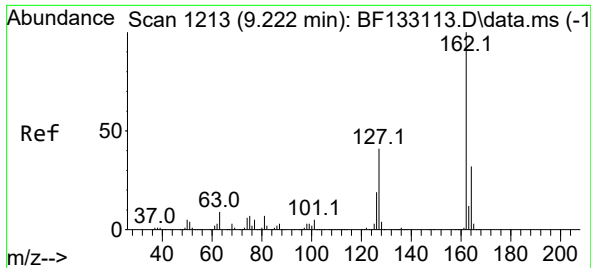
Tgt Ion:172 Resp: 2202644
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.132 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:154 Resp: 1416054
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 13.4 0.0 34.5

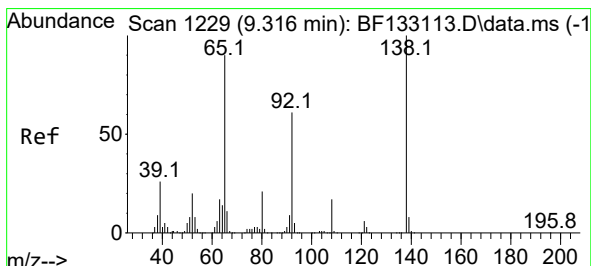
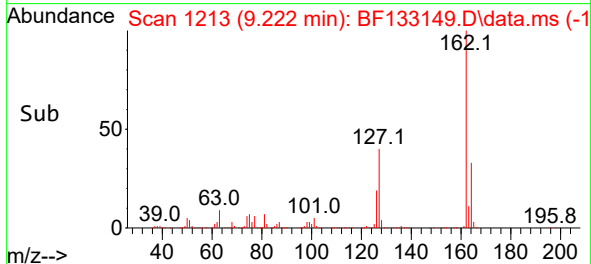
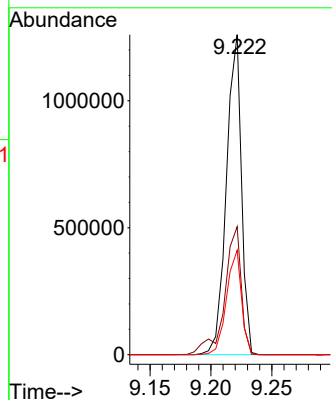
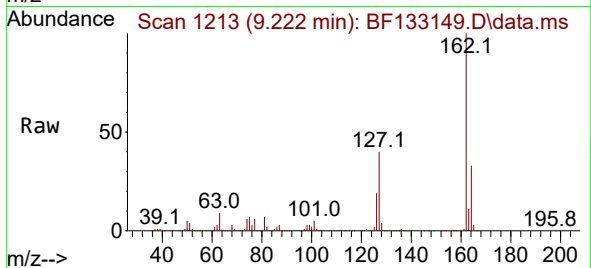




#47
2-Chloronaphthalene
Concen: 44.109 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

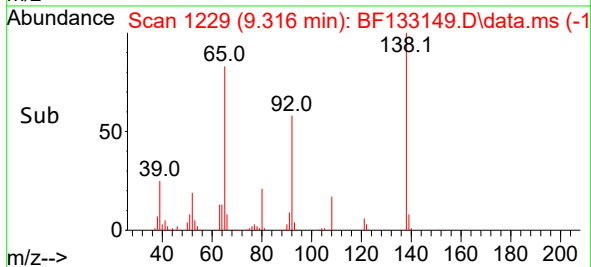
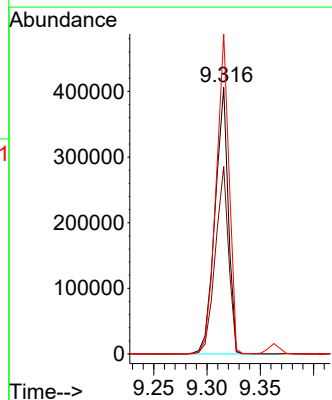
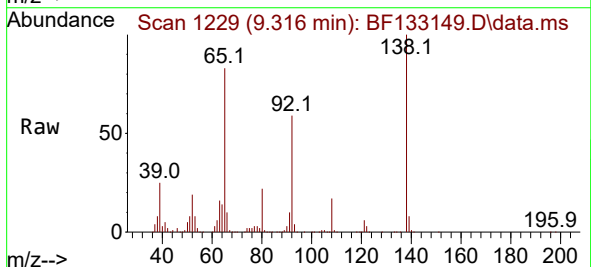
Instrument :
BNA_F
ClientSampleId :
PB152469BS

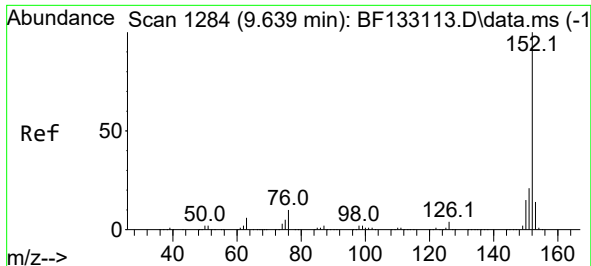
Tgt Ion:162 Resp: 1085098
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.7 26.8 40.2



#48
2-Nitroaniline
Concen: 43.515 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 65 Resp: 353795
Ion Ratio Lower Upper
65 100
92 70.3 55.4 83.0
138 120.0 98.2 147.2





#49

Acenaphthylene

Concen: 41.364 ng

RT: 9.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

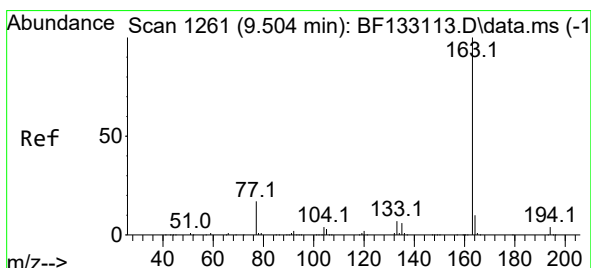
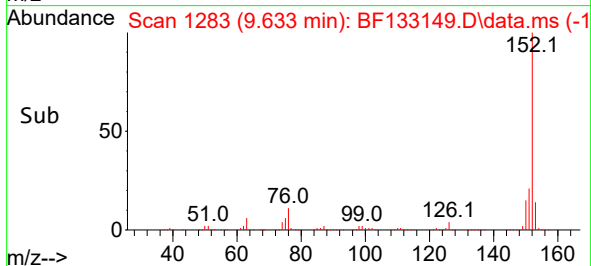
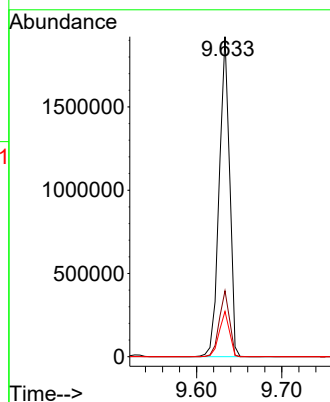
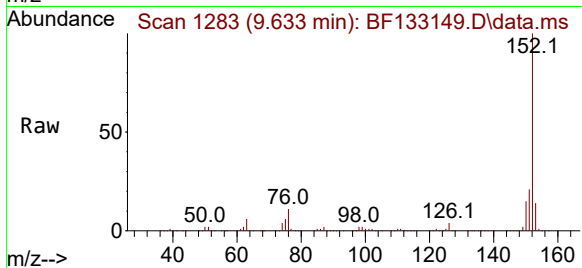
Tgt Ion:152 Resp: 1625941

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 14.2 11.5 17.3



#50

Dimethylphthalate

Concen: 43.330 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

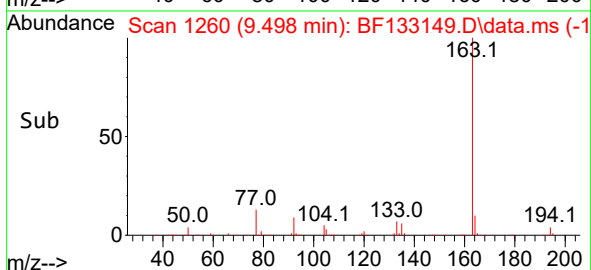
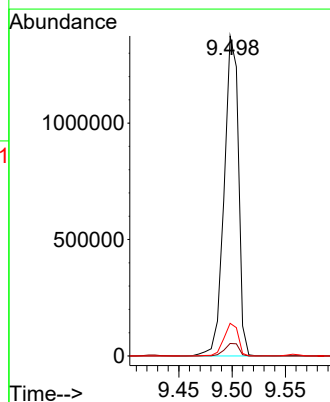
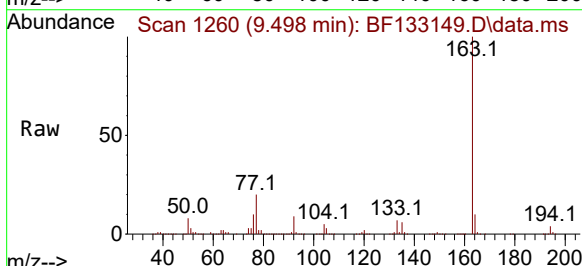
Tgt Ion:163 Resp: 1280610

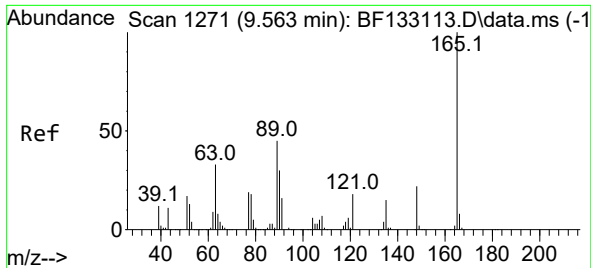
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.5 12.7

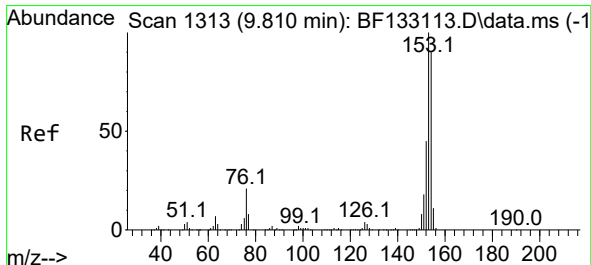
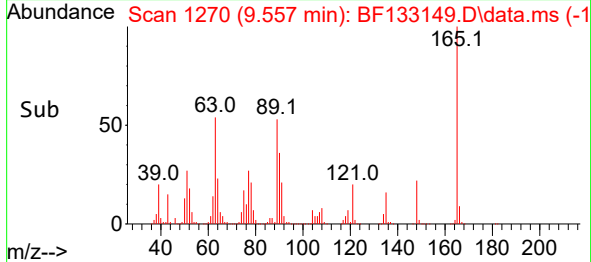
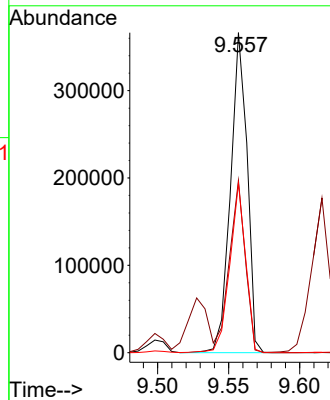
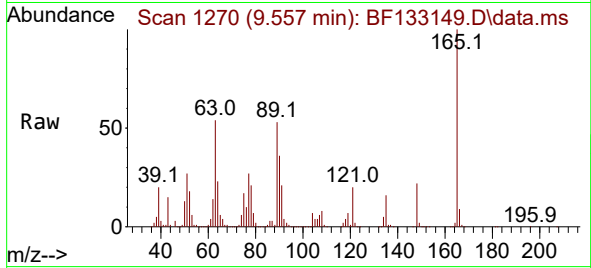




#51
2,6-Dinitrotoluene
Concen: 44.652 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

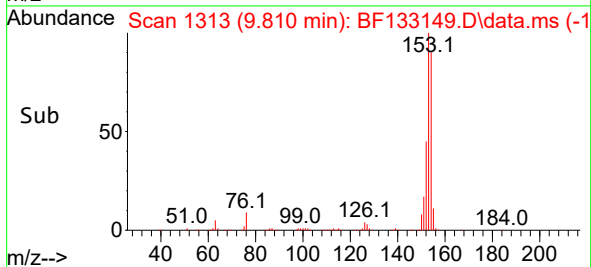
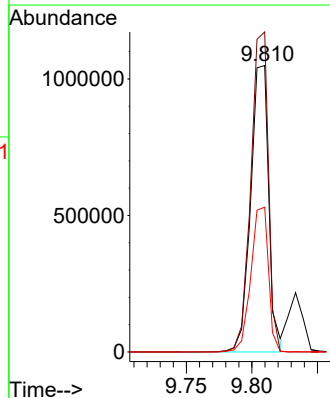
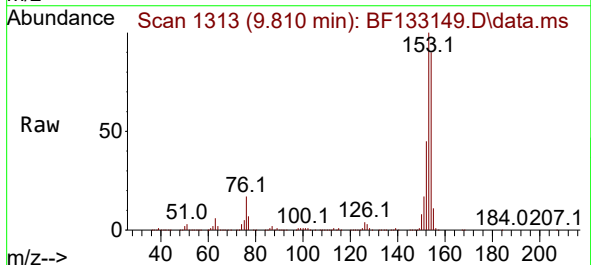
Instrument :
BNA_F
ClientSampleId :
PB152469BS

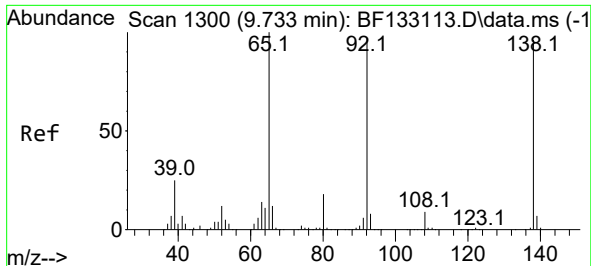
Tgt Ion:165 Resp: 297030
Ion Ratio Lower Upper
165 100
63 53.8 45.9 68.9
89 53.0 44.0 66.0



#52
Acenaphthene
Concen: 38.201 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:154 Resp: 1005701
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 50.6 40.4 60.6

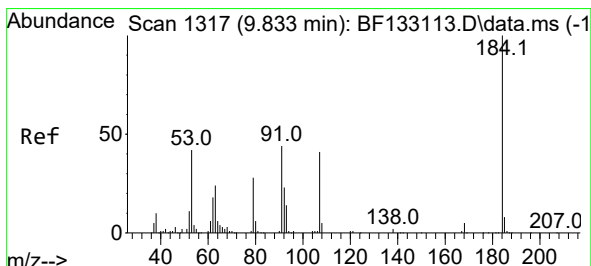
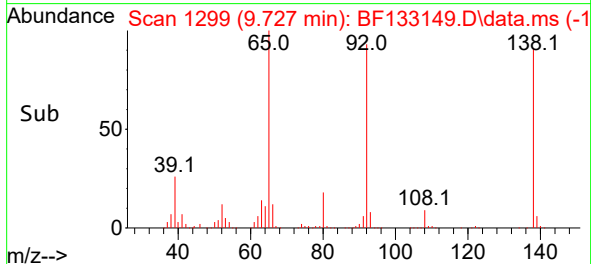
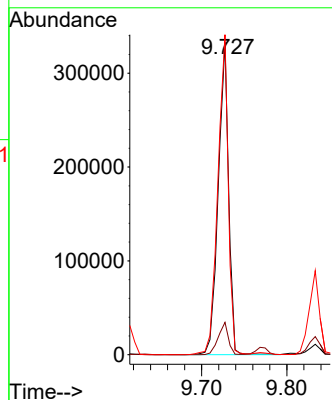
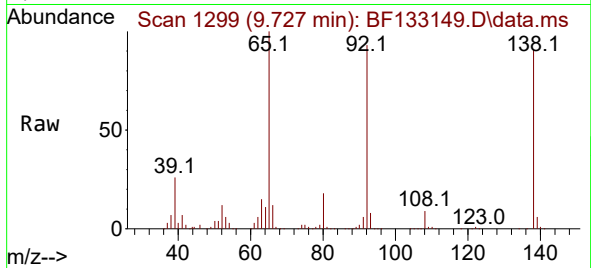




#53
3-Nitroaniline
Concen: 35.620 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

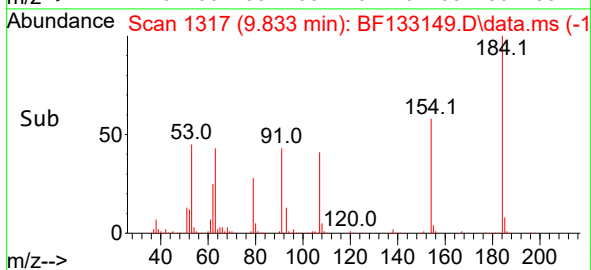
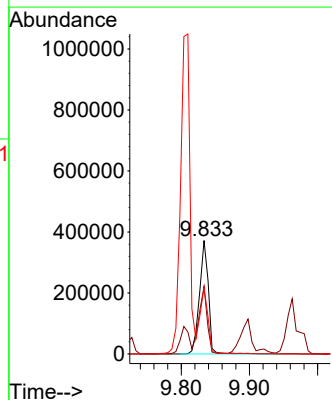
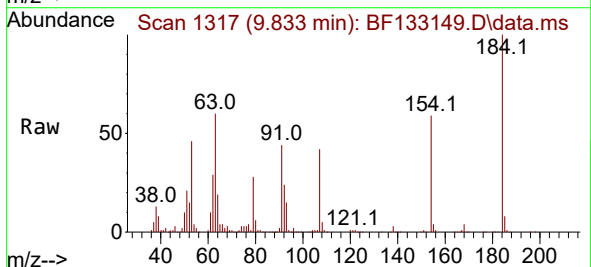
Instrument :
BNA_F
ClientSampleId :
PB152469BS

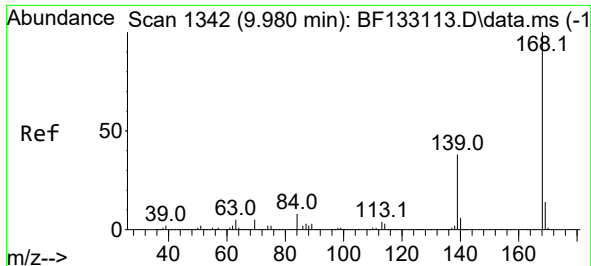
Tgt Ion:138 Resp: 281731
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 102.5 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 100.791 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:184 Resp: 337009
Ion Ratio Lower Upper
184 100
63 59.6 49.8 74.8
154 58.5 49.5 74.3

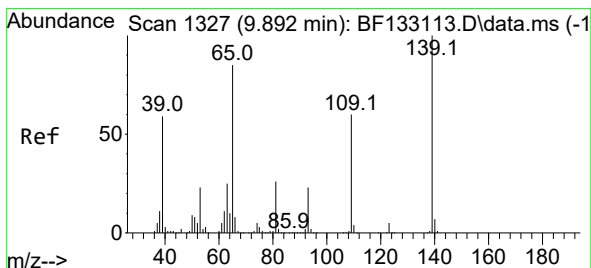
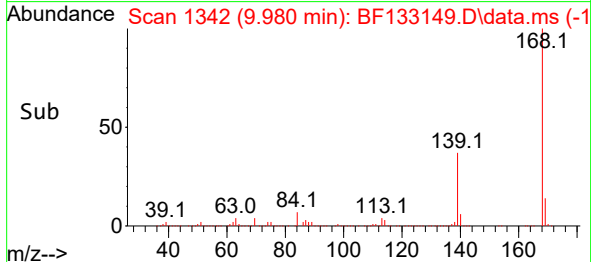
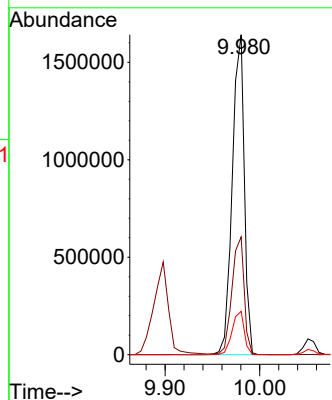
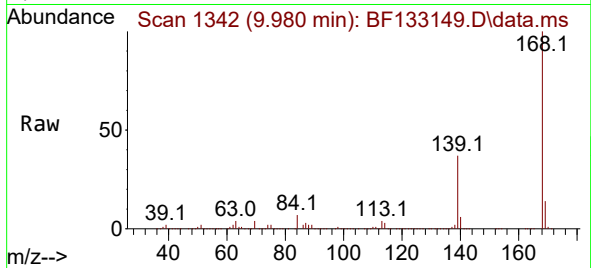




#55
Dibenzofuran
Concen: 40.231 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

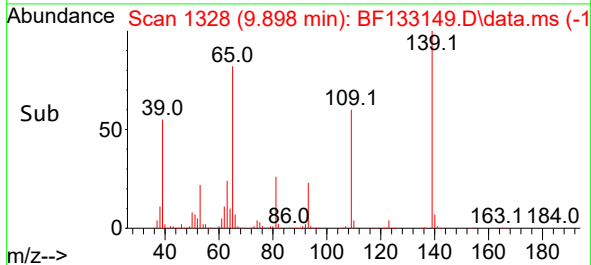
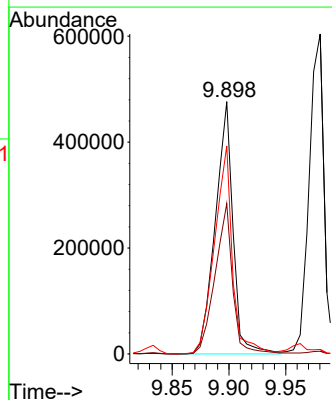
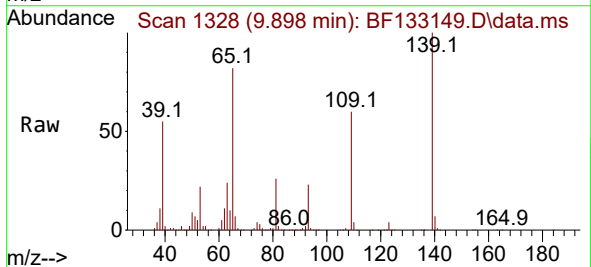
Instrument :
BNA_F
ClientSampleId :
PB152469BS

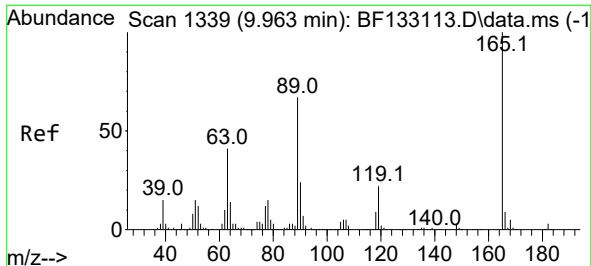
Tgt Ion:168 Resp: 1444782
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 84.584 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

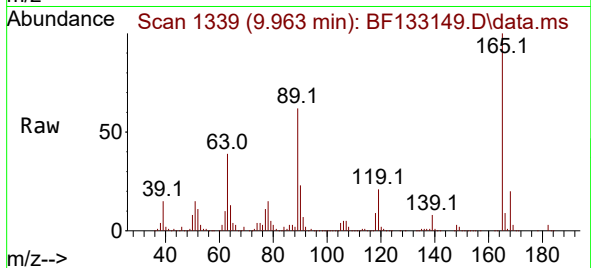
Tgt Ion:139 Resp: 518159
Ion Ratio Lower Upper
139 100
109 59.6 39.4 79.4
65 82.4 57.5 97.5



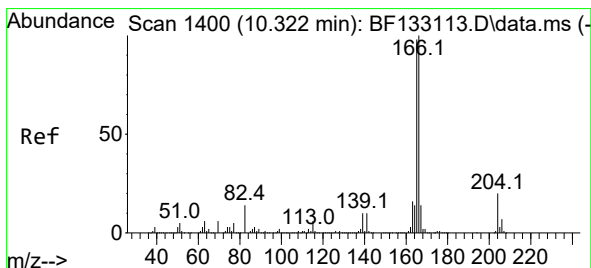
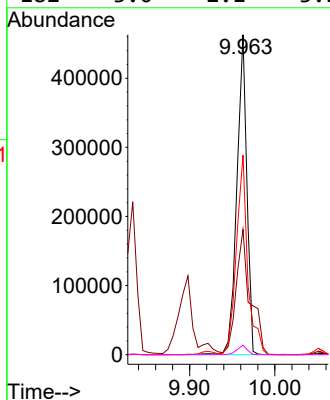
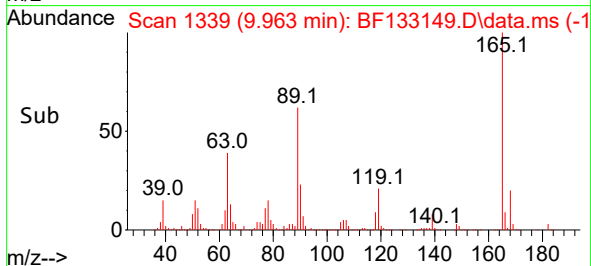


#57
2,4-Dinitrotoluene
Concen: 44.562 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

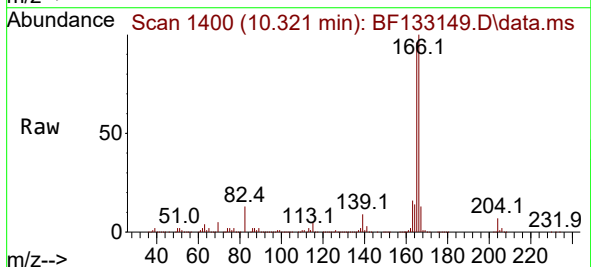
Instrument :
BNA_F
ClientSampleId :
PB152469BS



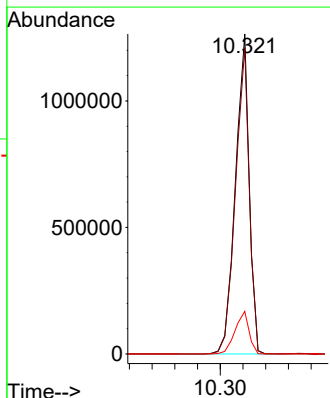
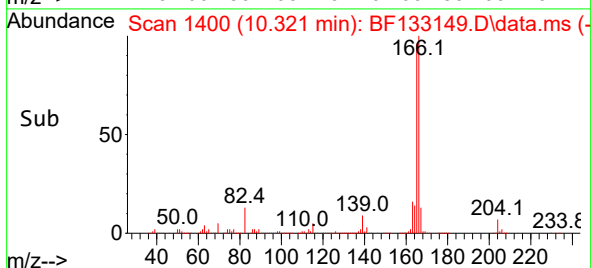
Tgt Ion:165 Resp: 378028
Ion Ratio Lower Upper
165 100
63 39.1 37.7 56.5
89 62.4 57.0 85.4
182 3.0 2.1 3.1

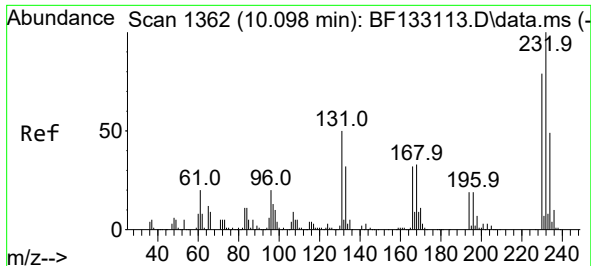


#58
Fluorene
Concen: 40.407 ng
RT: 10.321 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:166 Resp: 1063121
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.319 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

Tgt Ion:232 Resp: 299051

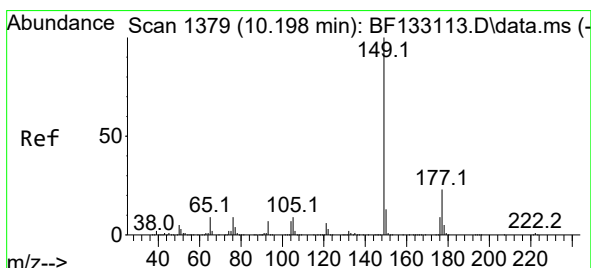
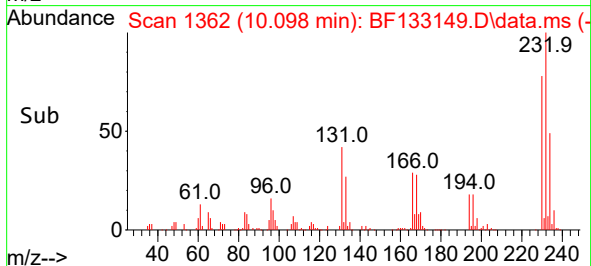
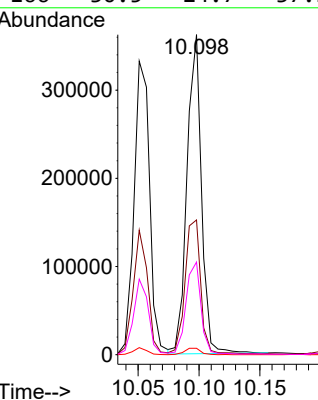
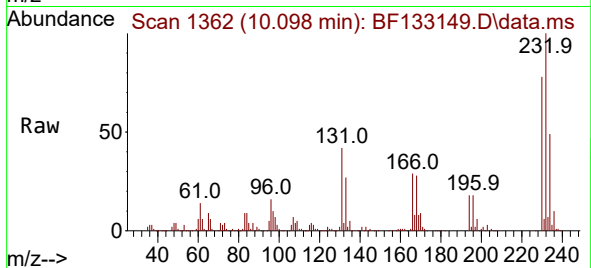
Ion Ratio Lower Upper

232 100

131 46.1 38.0 57.0

130 2.3 1.8 2.8

166 30.5 24.7 37.1



#60

Diethylphthalate

Concen: 41.297 ng

RT: 10.198 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

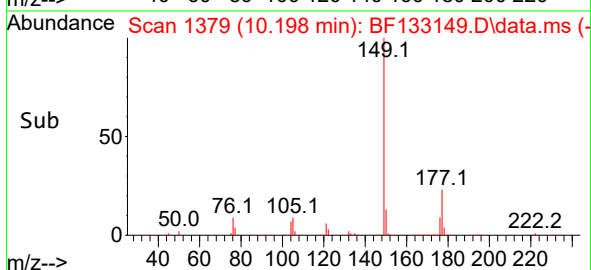
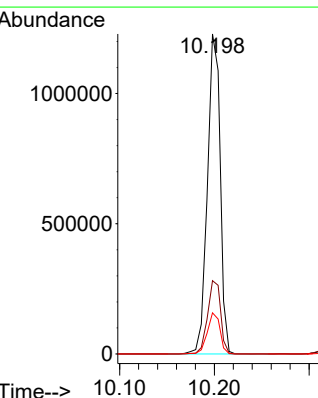
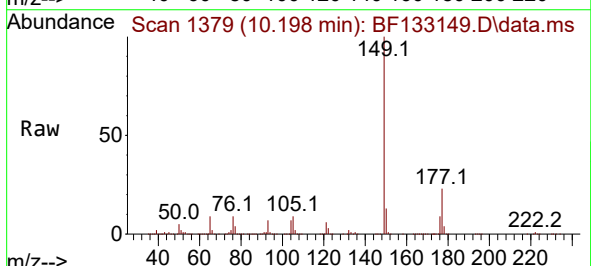
Tgt Ion:149 Resp: 1152857

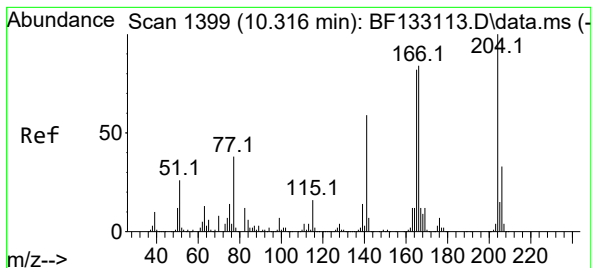
Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.4

150 12.9 10.2 15.4

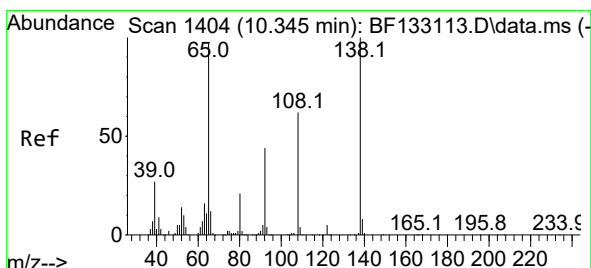
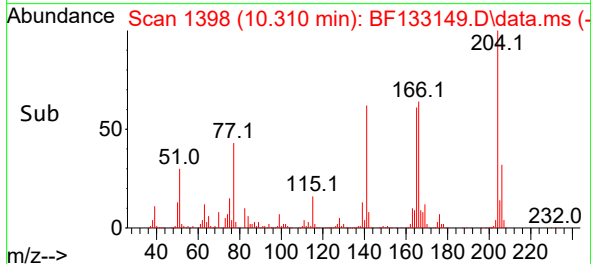
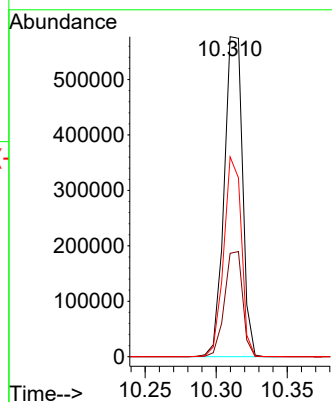
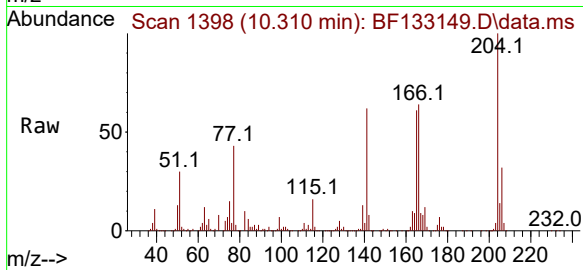




#61
4-Chlorophenyl-phenylether
Concen: 40.408 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

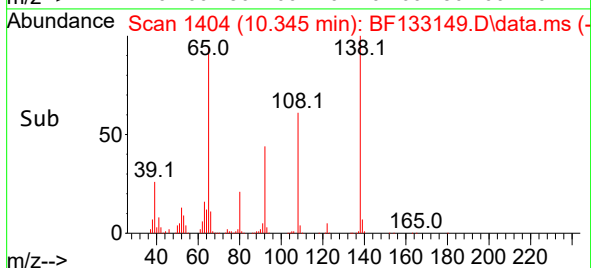
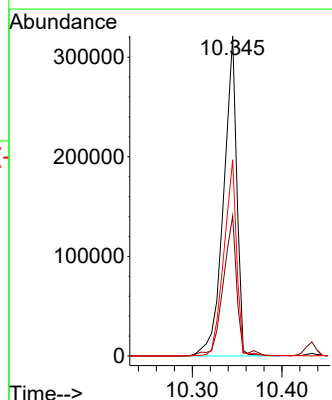
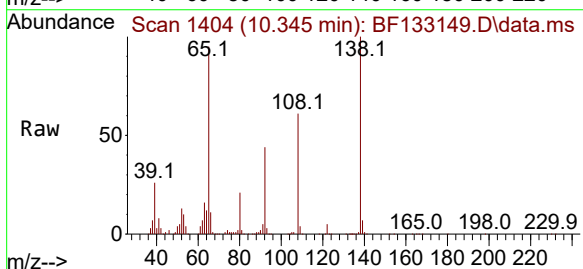
Instrument :
BNA_F
ClientSampleId :
PB152469BS

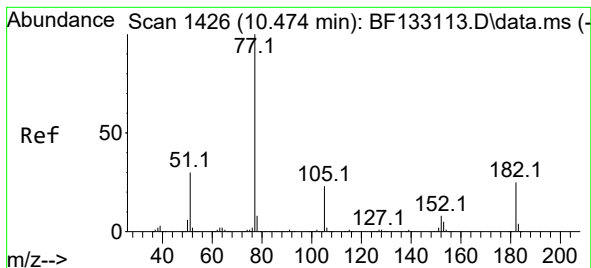
Tgt Ion:204 Resp: 518092
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 62.4 46.1 69.1



#62
4-Nitroaniline
Concen: 45.263 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:138 Resp: 329044
Ion Ratio Lower Upper
138 100
92 43.8 27.7 67.7
108 61.3 45.2 85.2





#63

Azobenzene

Concen: 37.007 ng

RT: 10.474 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

Tgt Ion: 77 Resp: 1094401

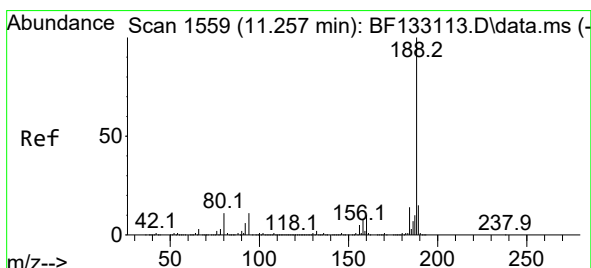
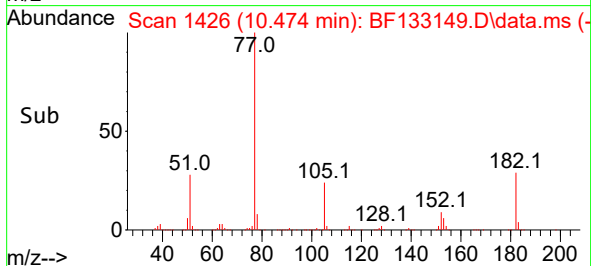
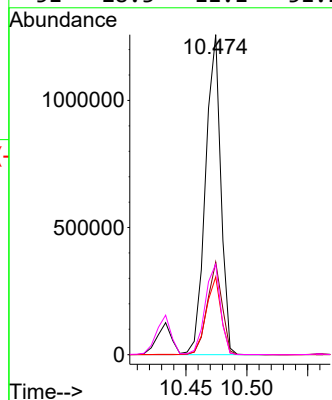
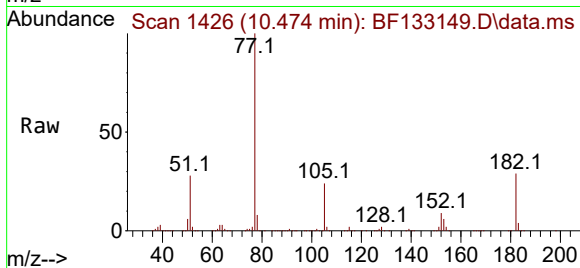
Ion Ratio Lower Upper

77 100

182 29.0 5.9 45.9

105 24.3 2.3 42.3

51 28.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

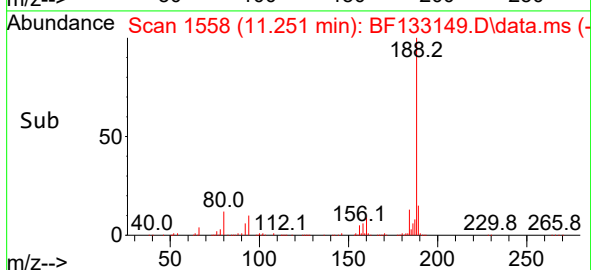
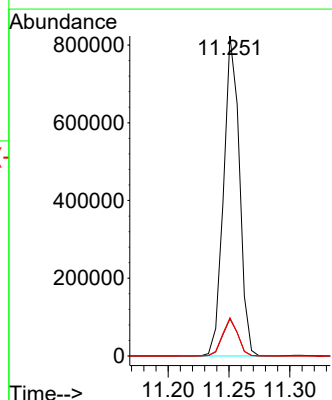
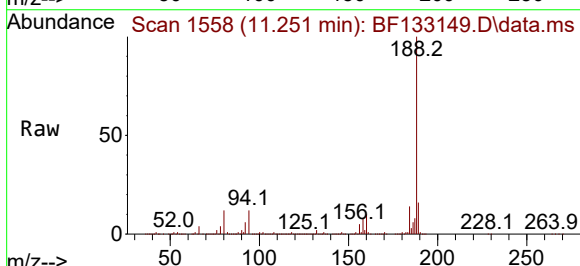
Tgt Ion: 188 Resp: 745249

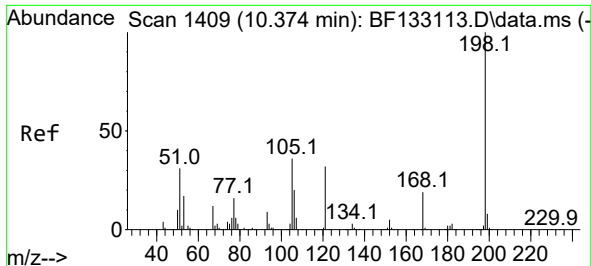
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 11.9 10.4 15.6

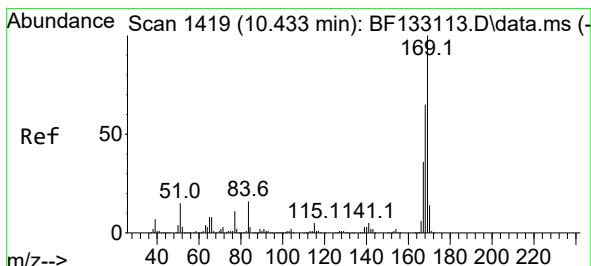
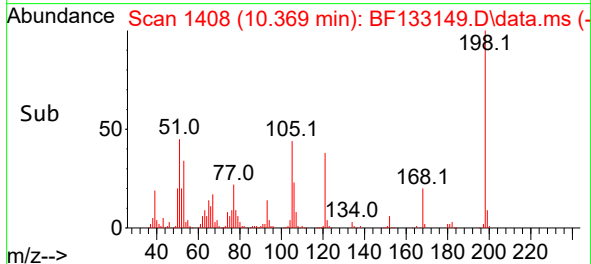
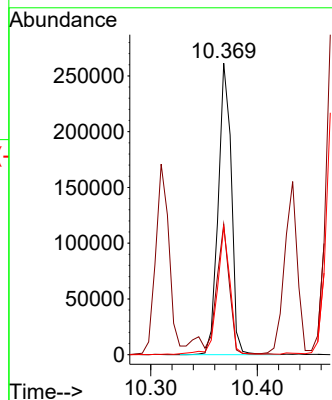
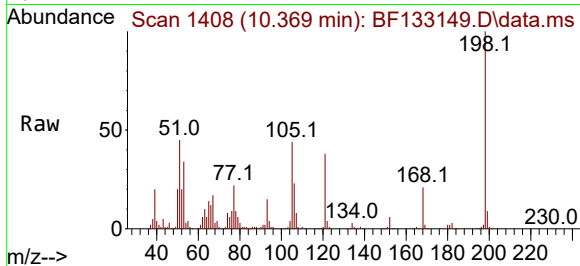




#65
4,6-Dinitro-2-methylphenol
Concen: 49.099 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

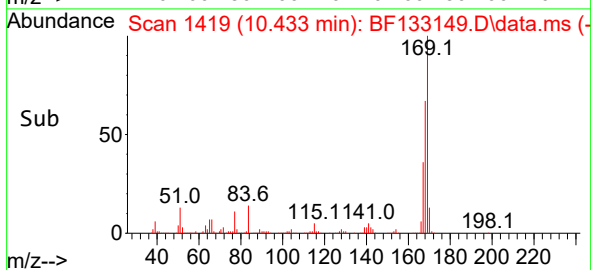
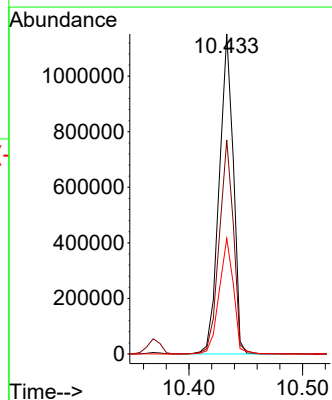
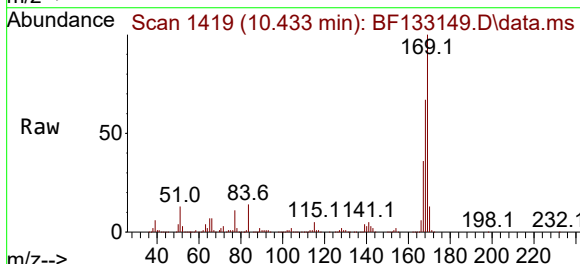
Instrument :
BNA_F
ClientSampleId :
PB152469BS

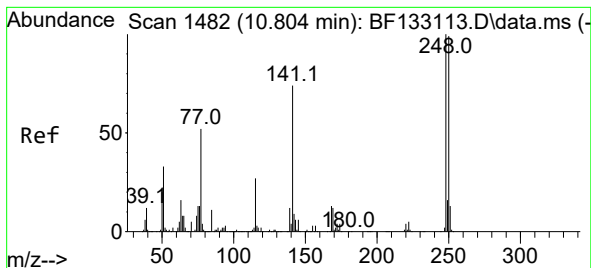
Tgt Ion:198 Resp: 221786
Ion Ratio Lower Upper
198 100
51 44.7 15.5 55.5
105 44.0 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.169 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:169 Resp: 995230
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.1 29.7 44.5

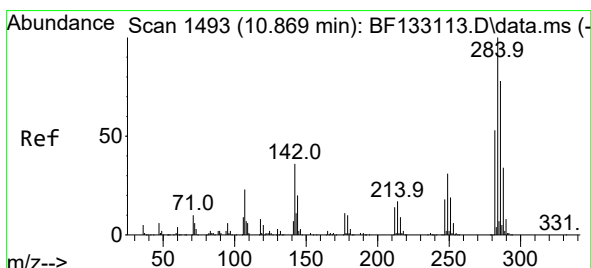
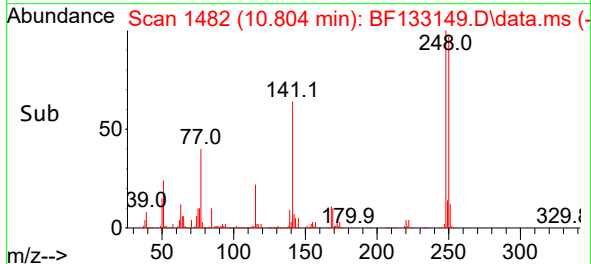
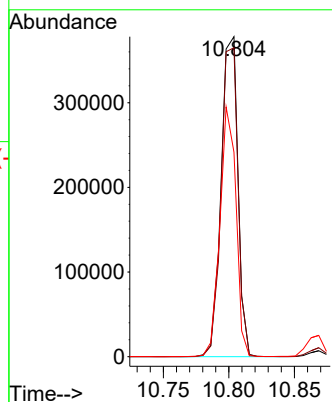
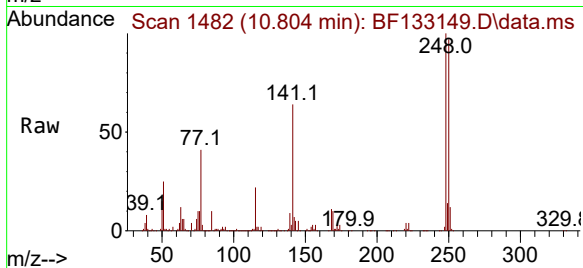




#67
4-Bromophenyl-phenylether
Concen: 41.688 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

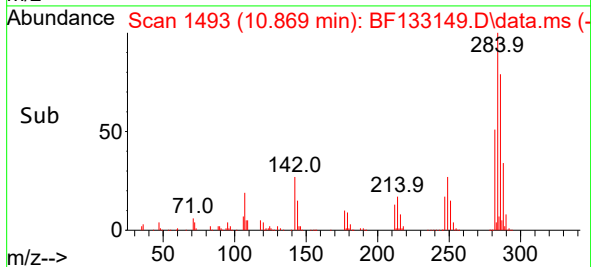
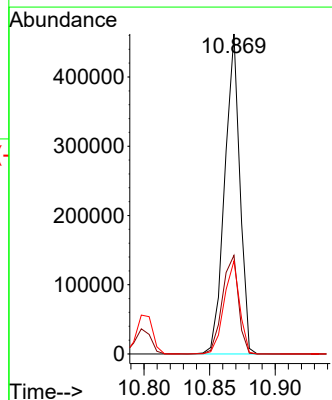
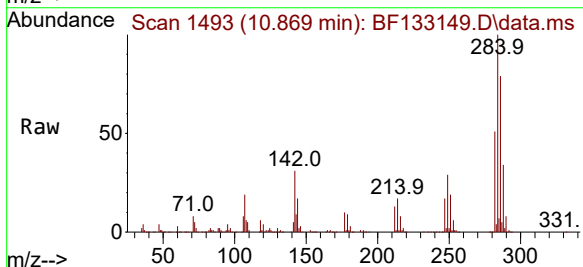
Instrument :
BNA_F
ClientSampleId :
PB152469BS

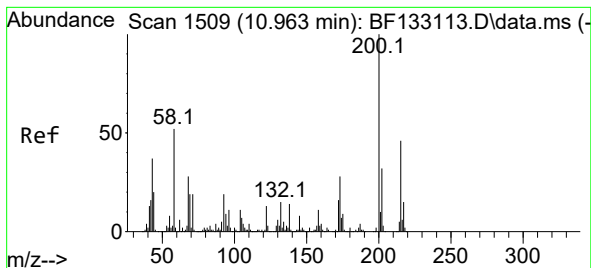
Tgt Ion:248 Resp: 336950
Ion Ratio Lower Upper
248 100
250 96.6 78.7 118.1
141 63.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 44.571 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:284 Resp: 369145
Ion Ratio Lower Upper
284 100
142 30.8 26.0 39.0
249 29.1 23.7 35.5





#69

Atrazine

Concen: 49.019 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

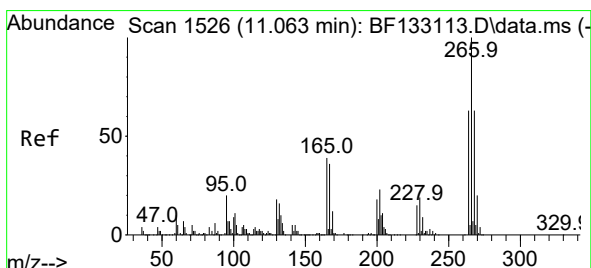
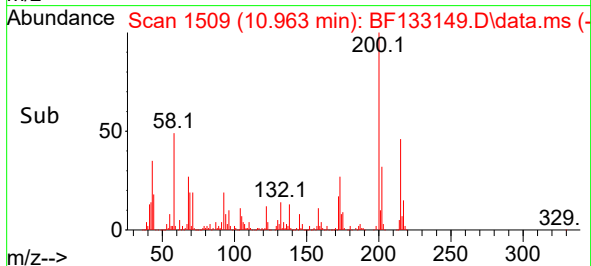
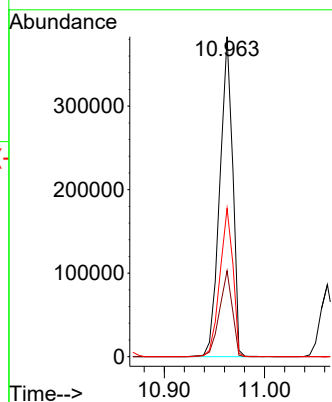
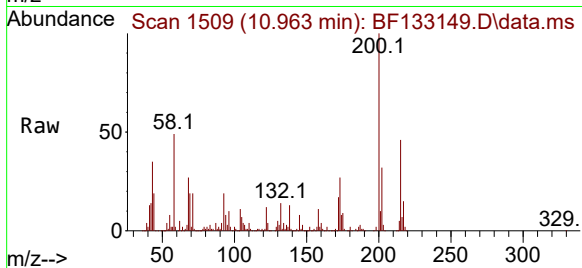
Tgt Ion:200 Resp: 341443

Ion Ratio Lower Upper

200 100

173 26.9 6.2 46.2

215 46.4 26.3 66.3



#70

Pentachlorophenol

Concen: 75.596 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

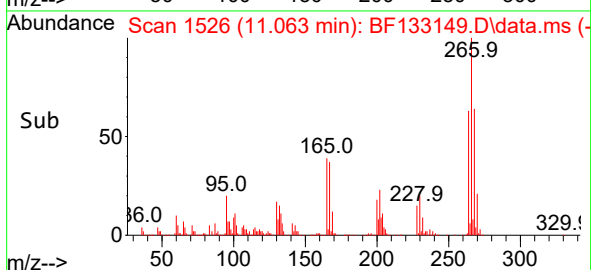
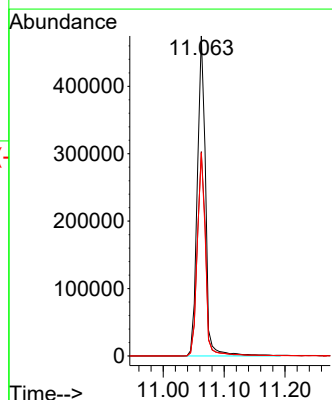
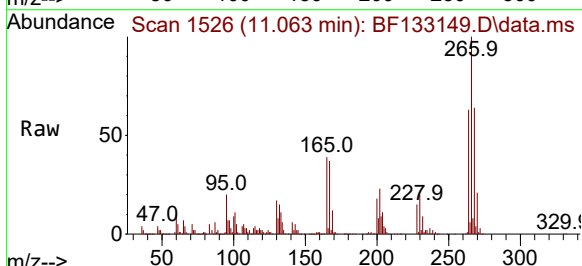
Tgt Ion:266 Resp: 445905

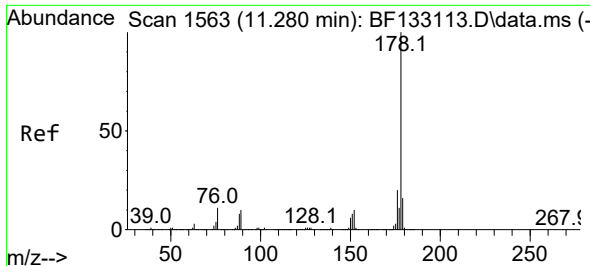
Ion Ratio Lower Upper

266 100

268 63.9 48.8 73.2

264 63.5 50.6 76.0

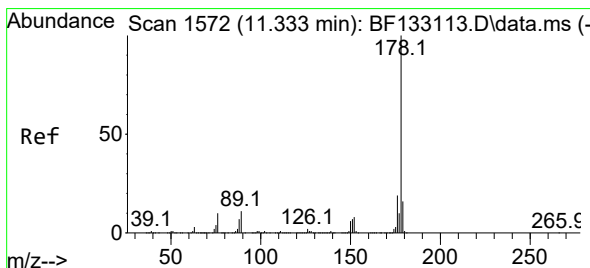
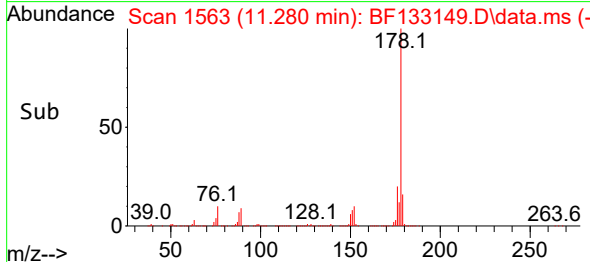
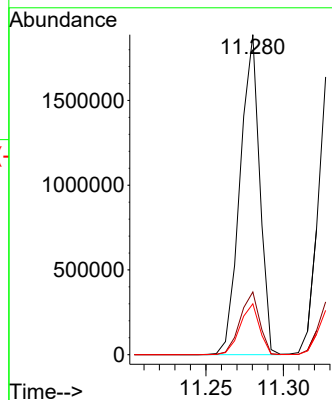
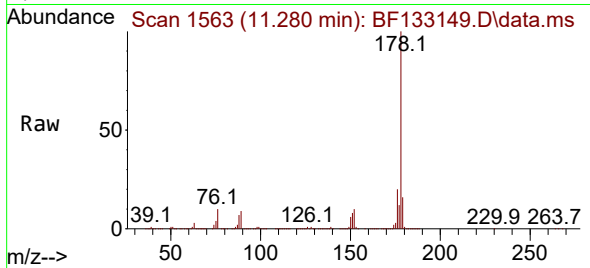




#71
Phenanthrene
Concen: 41.483 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

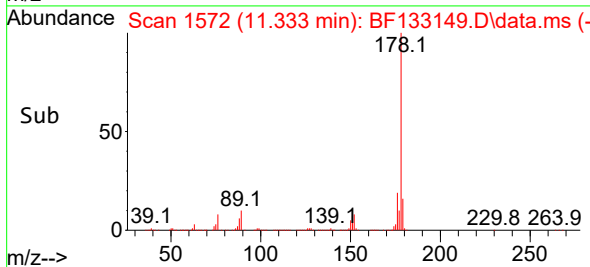
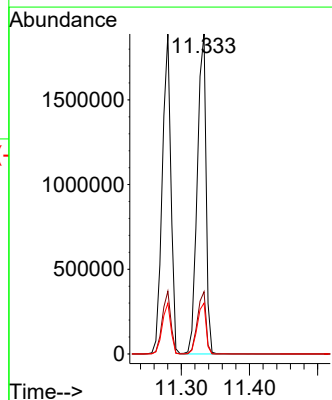
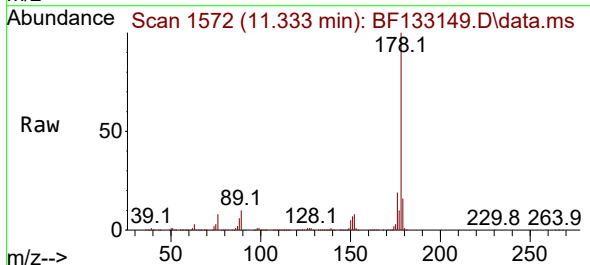
Instrument :
BNA_F
ClientSampleId :
PB152469BS

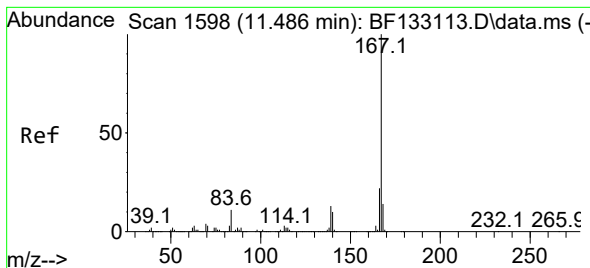
Tgt Ion:178 Resp: 1661588
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.5 18.7



#72
Anthracene
Concen: 40.863 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:178 Resp: 1675053
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.4 18.6





#73

Carbazole

Concen: 42.936 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

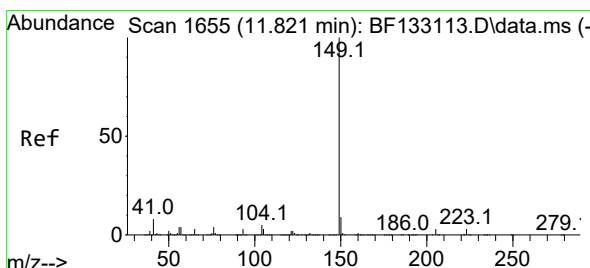
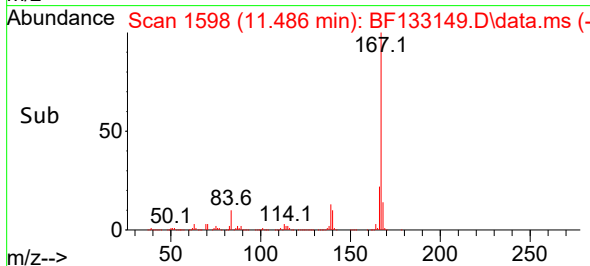
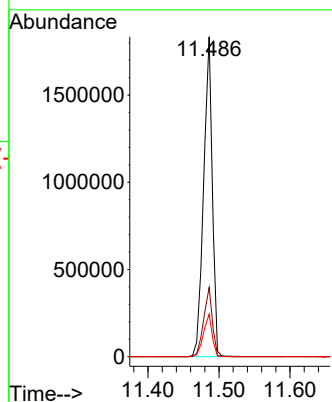
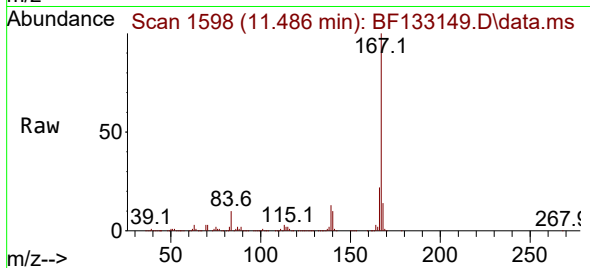
Tgt Ion:167 Resp: 1567188

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.098 ng

RT: 11.821 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

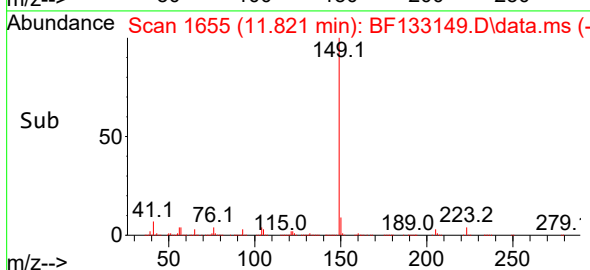
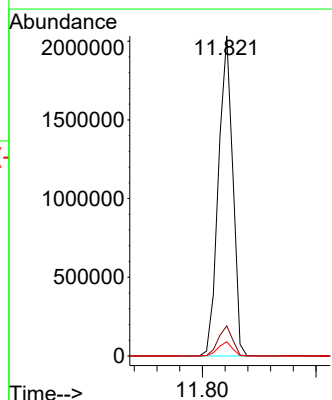
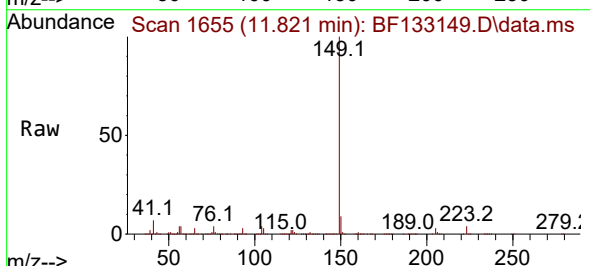
Tgt Ion:149 Resp: 1780187

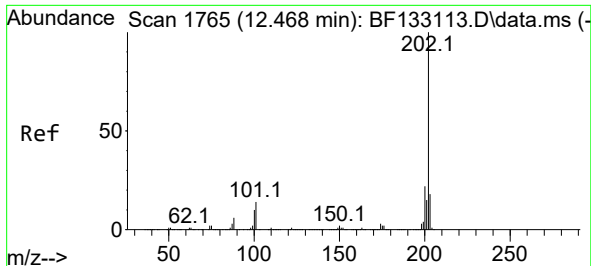
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.4 4.0 6.0

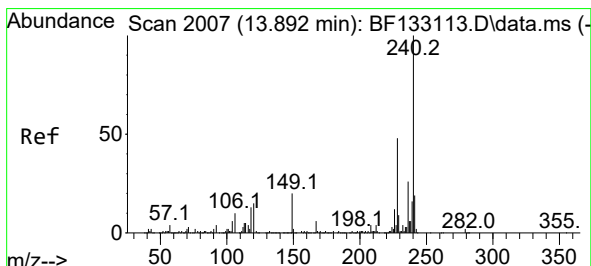
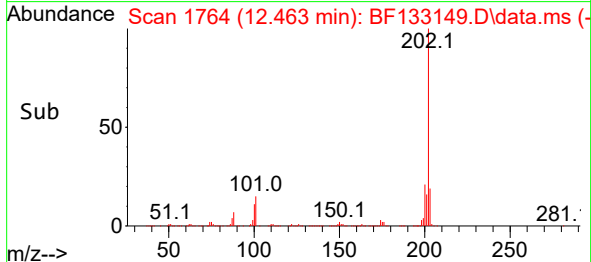
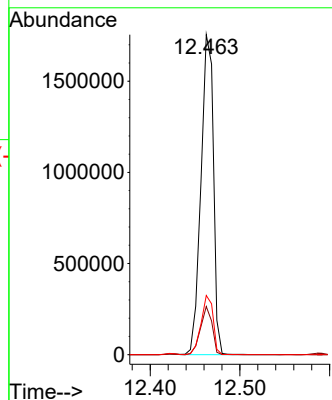
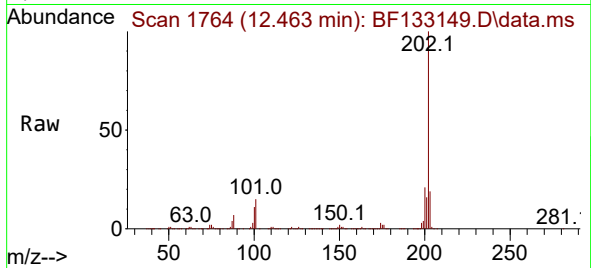




#75
Fluoranthene
Concen: 42.115 ng
RT: 12.463 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

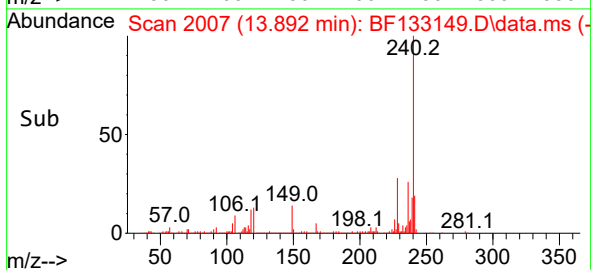
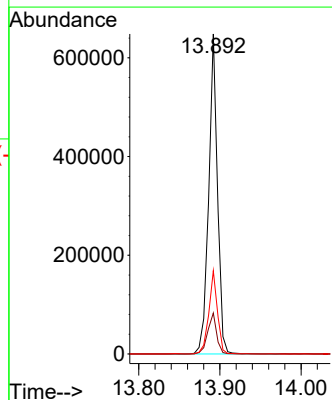
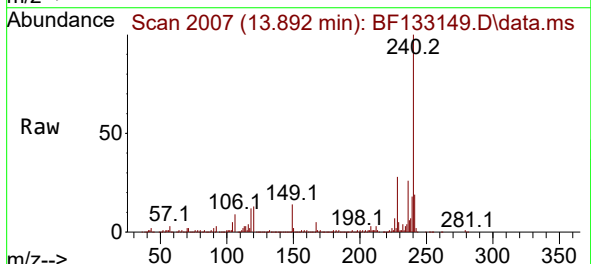
Instrument :
BNA_F
ClientSampleId :
PB152469BS

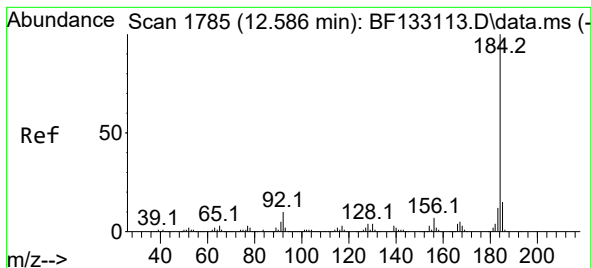
Tgt Ion:202 Resp: 1692998
Ion Ratio Lower Upper
202 100
101 15.1 0.0 35.3
203 18.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:240 Resp: 486068
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 26.0 21.5 32.3





#77

Benzidine

Concen: 145.390 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

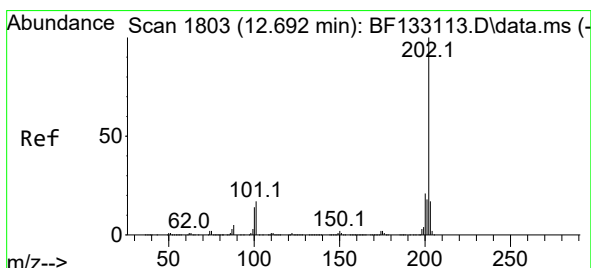
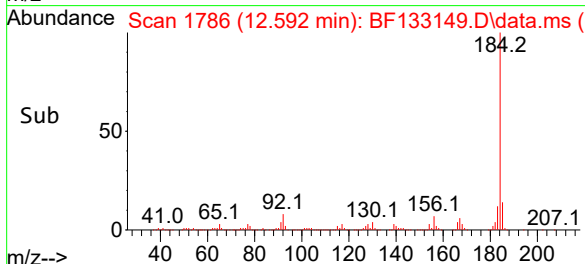
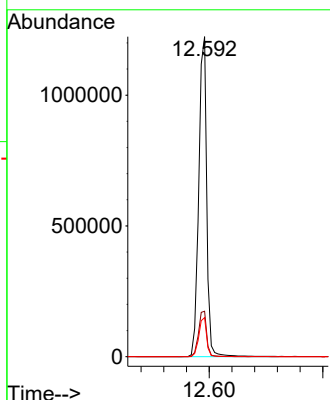
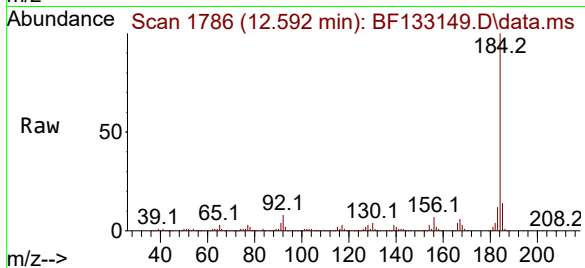
Tgt Ion:184 Resp: 1195061

Ion Ratio Lower Upper

184 100

185 14.2 15.4 23.2#

183 12.2 9.4 14.0



#78

Pyrene

Concen: 42.079 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

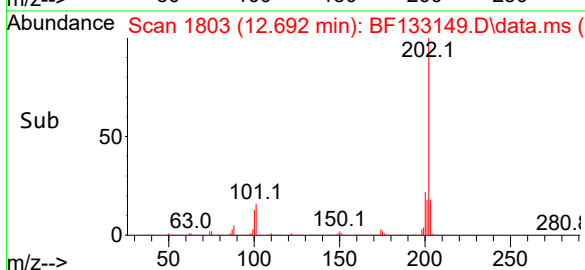
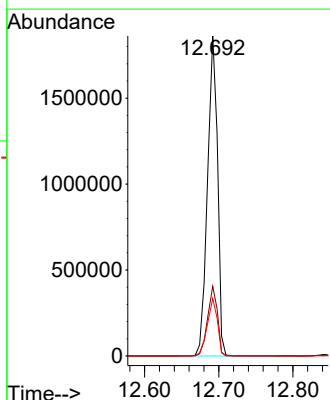
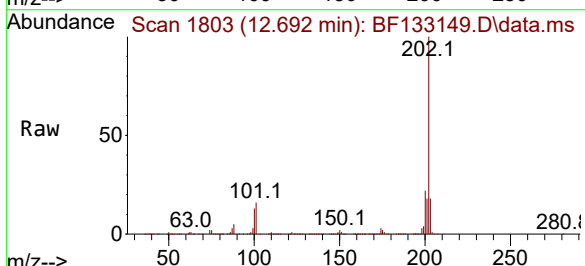
Tgt Ion:202 Resp: 1753336

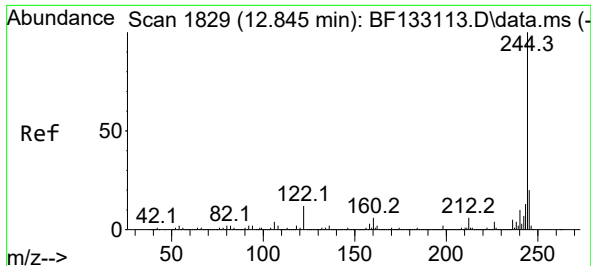
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

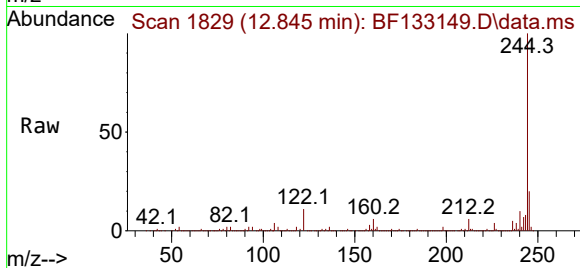
203 17.9 14.1 21.1



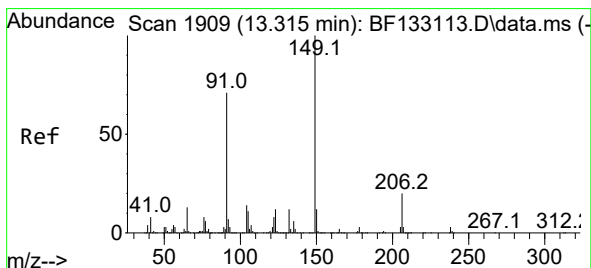
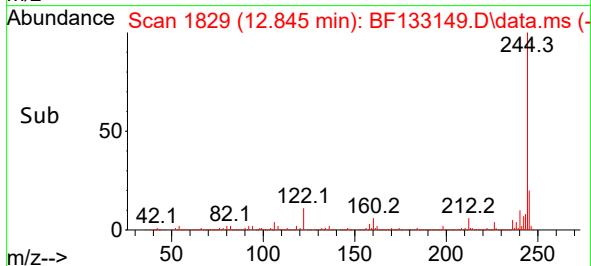
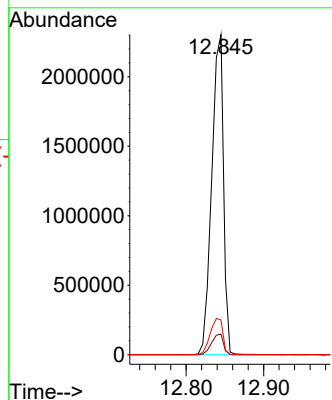


#79
 Terphenyl-d14
 Concen: 86.229 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

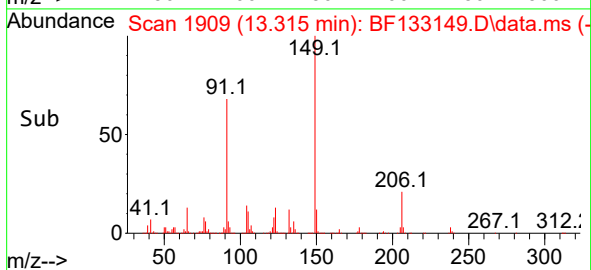
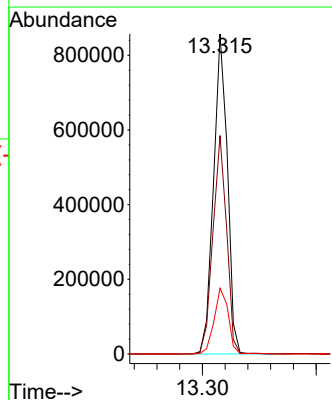
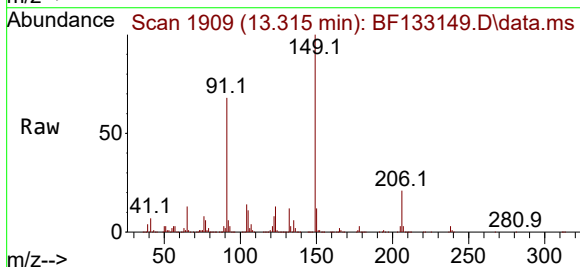


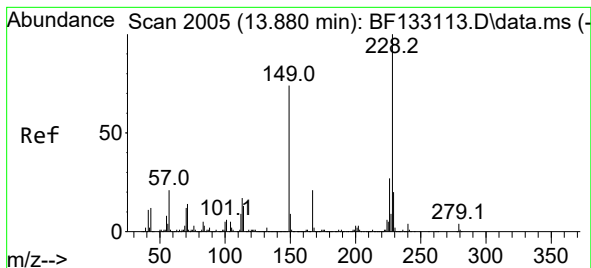
Tgt Ion:244 Resp: 2430206
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 49.160 ng
 RT: 13.315 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Tgt Ion:149 Resp: 725272
 Ion Ratio Lower Upper
 149 100
 91 68.2 53.8 80.6
 206 20.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 41.073 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

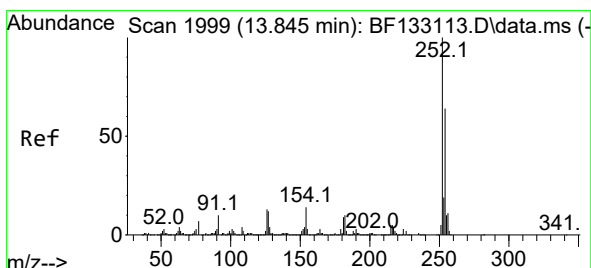
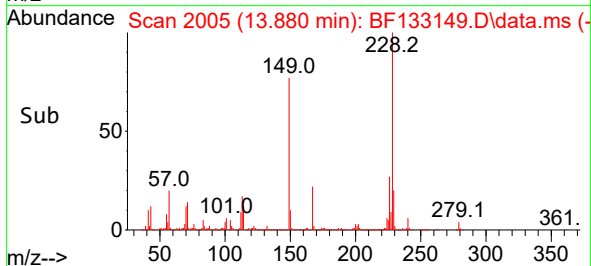
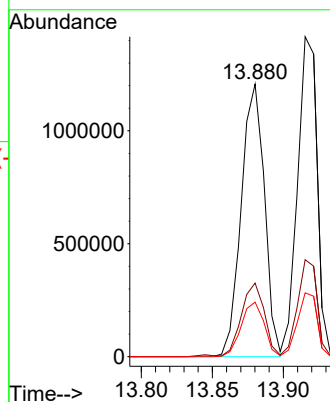
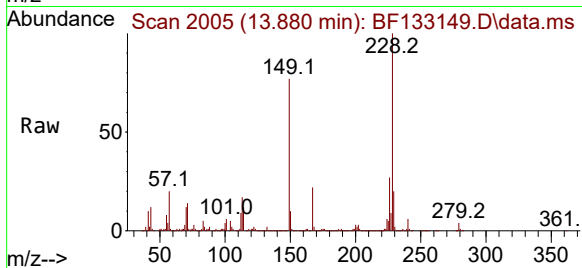
Tgt Ion:228 Resp: 1372873

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 44.891 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

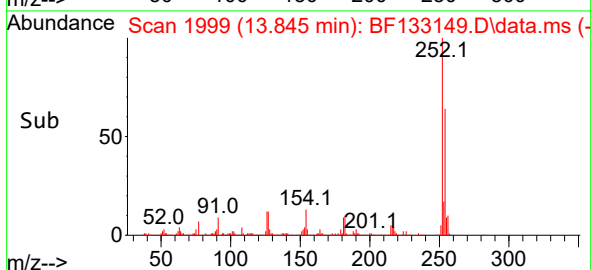
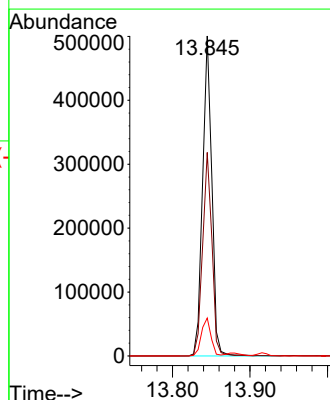
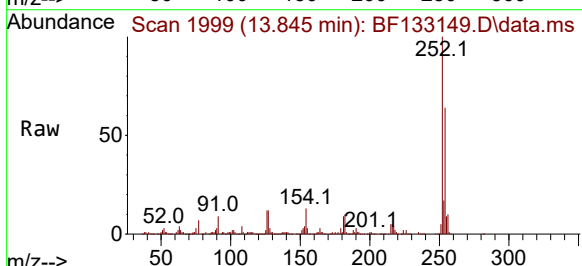
Tgt Ion:252 Resp: 414512

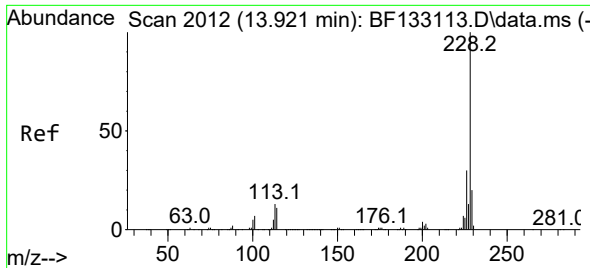
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

126 11.8 9.5 14.3

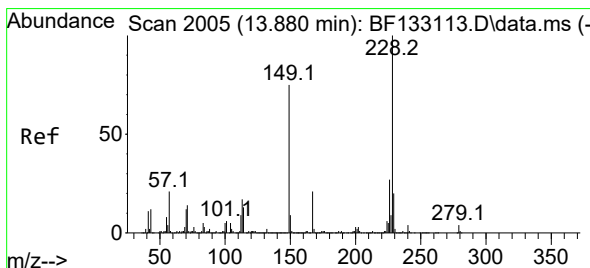
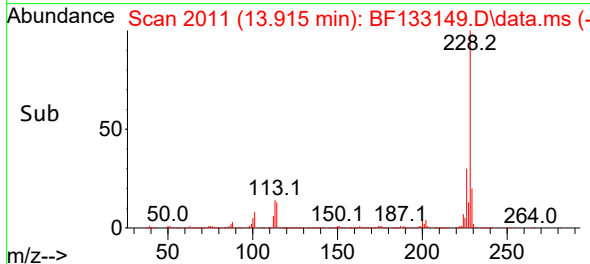
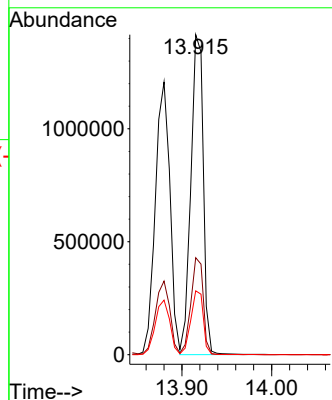
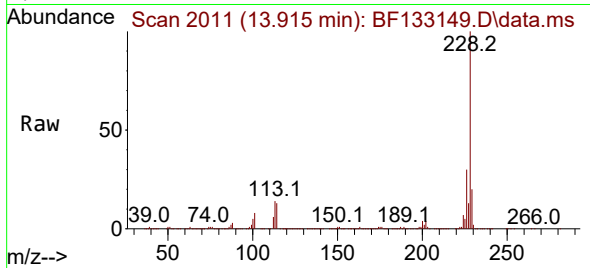




#83
Chrysene
Concen: 40.771 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

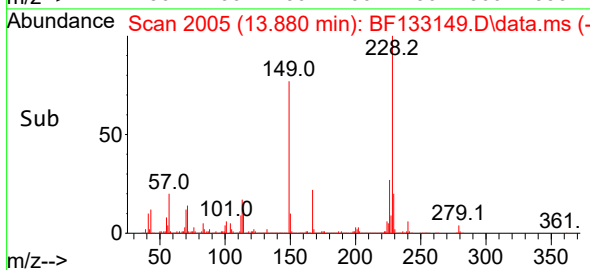
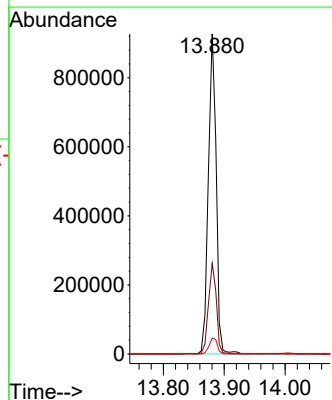
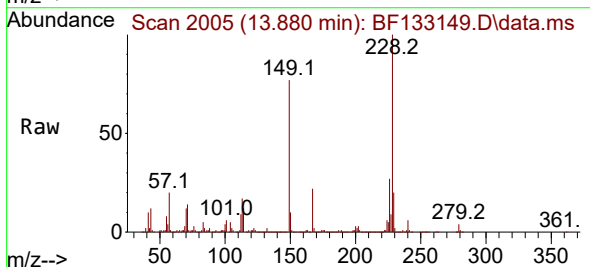
Instrument :
BNA_F
ClientSampleId :
PB152469BS

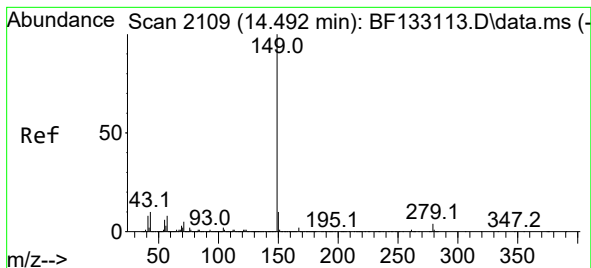
Tgt Ion:228 Resp: 1362466
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 20.0 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.794 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:149 Resp: 829503
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 48.410 ng

RT: 14.492 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

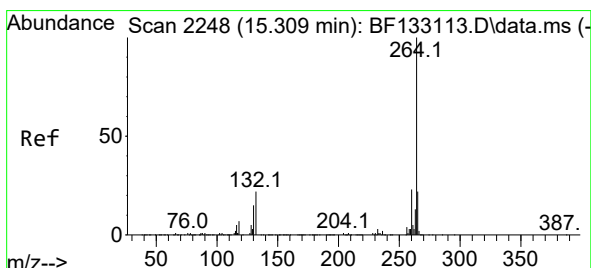
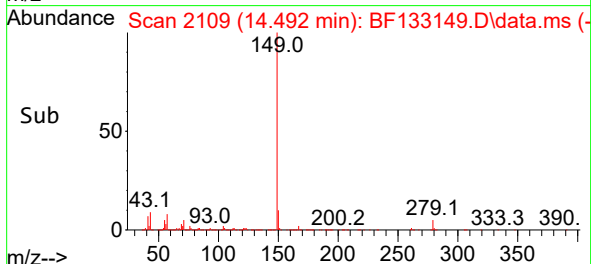
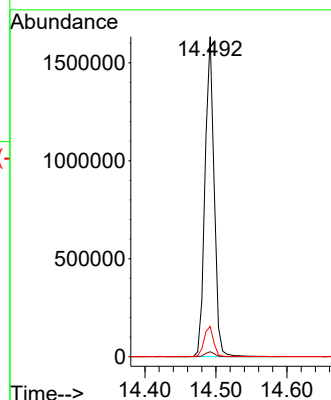
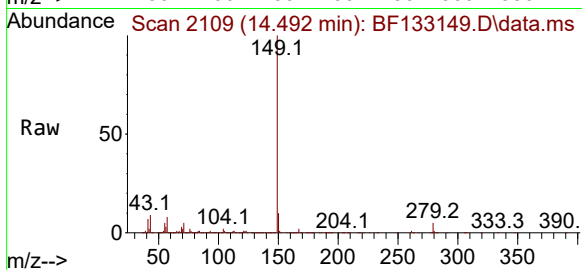
Tgt Ion:149 Resp: 1461717

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.309 min Scan# 2248

Delta R.T. 0.006 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

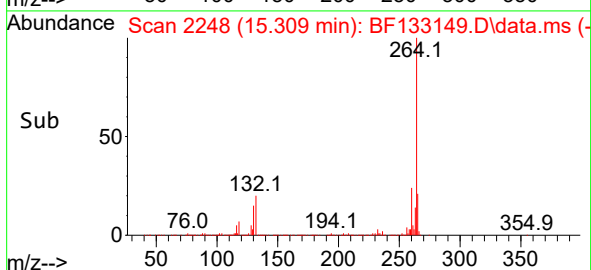
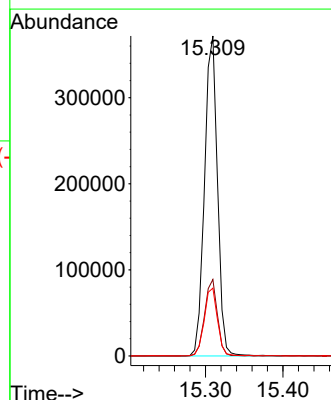
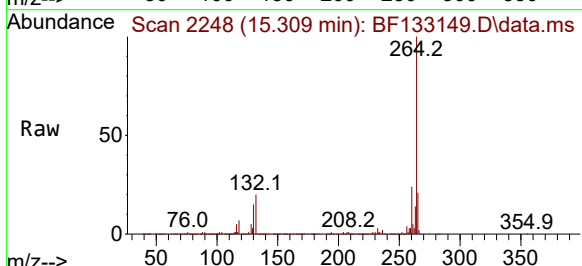
Tgt Ion:264 Resp: 431492

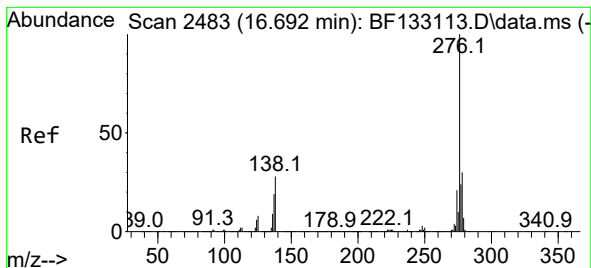
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.556 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

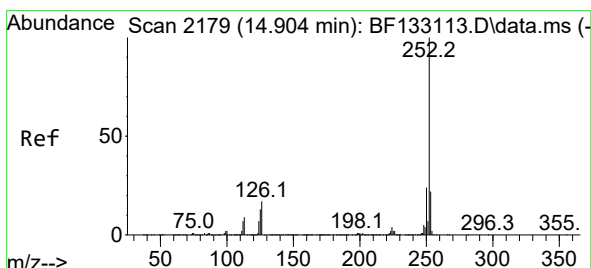
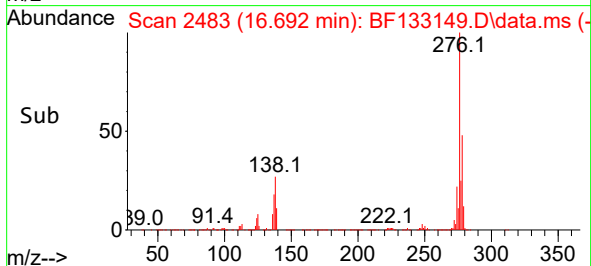
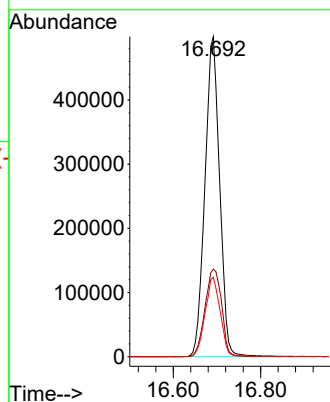
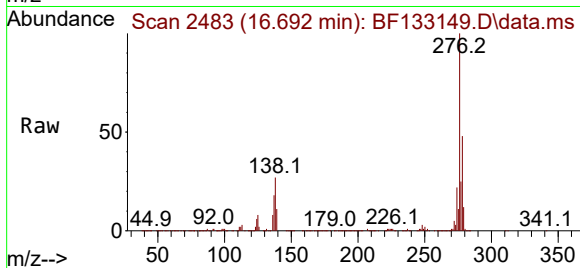
Tgt Ion:276 Resp: 1167218

Ion Ratio Lower Upper

276 100

138 30.9 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.349 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

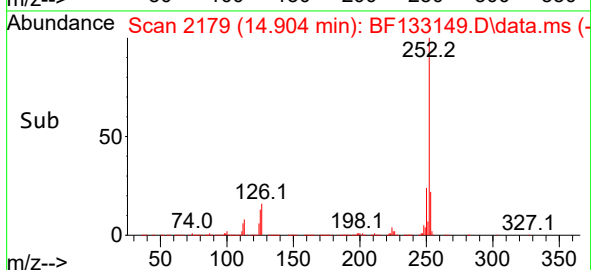
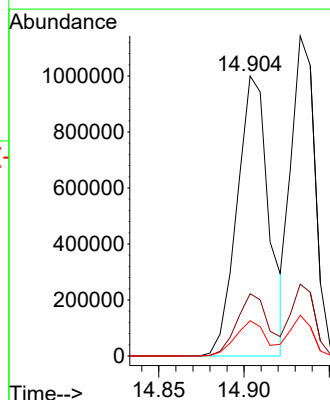
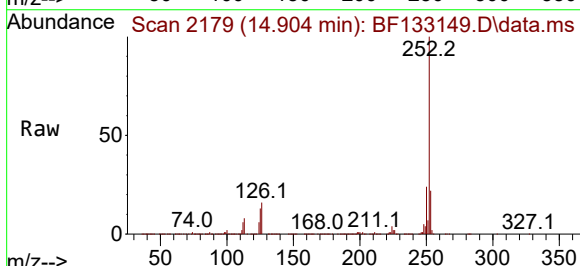
Tgt Ion:252 Resp: 1299767

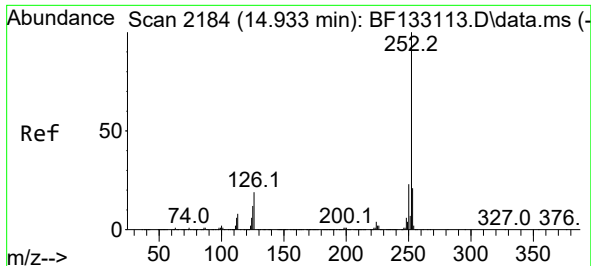
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.6 8.9 13.3

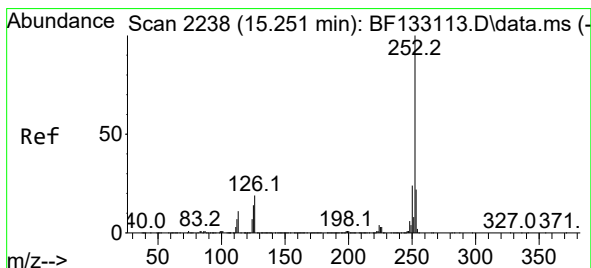
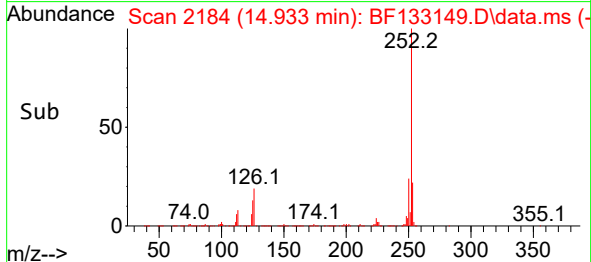
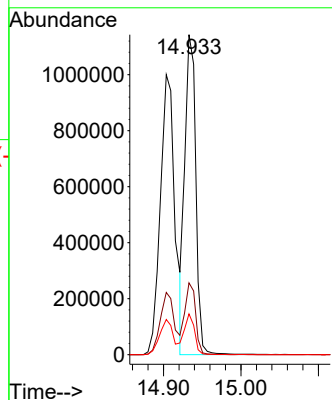
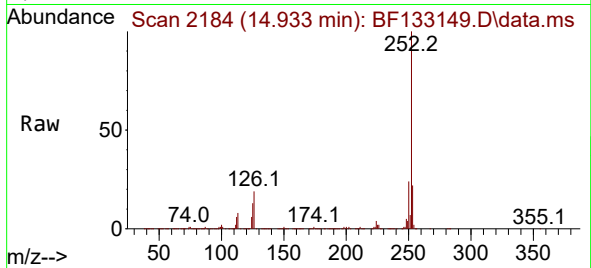




#89
Benzo(k)fluoranthene
Concen: 41.203 ng
RT: 14.933 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

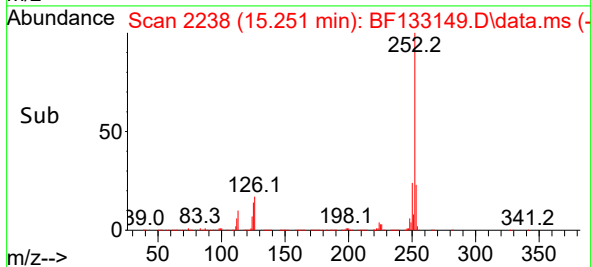
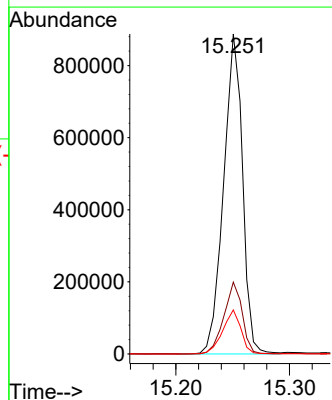
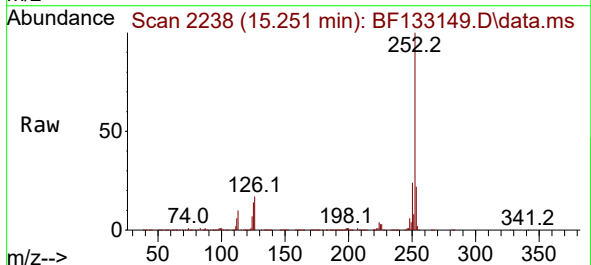
Instrument :
BNA_F
ClientSampleId :
PB152469BS

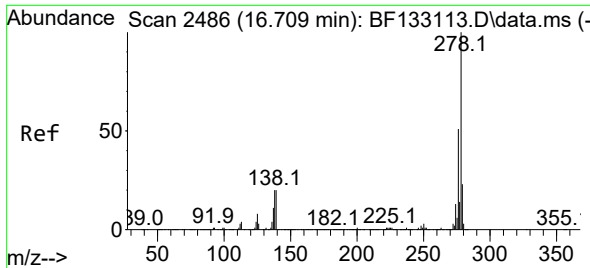
Tgt Ion:252 Resp: 1121211
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.072 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:252 Resp: 1026238
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 13.7 10.5 15.7

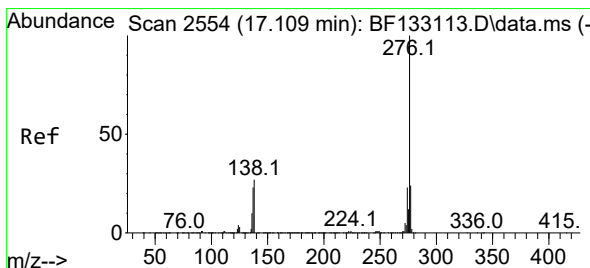
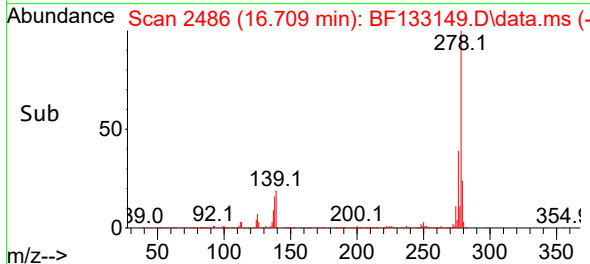
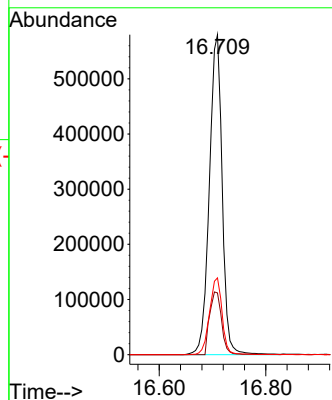
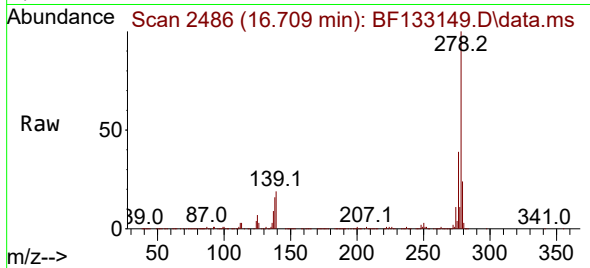




#91
Dibenzo(a,h)anthracene
Concen: 47.361 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion:278 Resp: 969529
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.128 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:276 Resp: 972673
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 26.4 22.7 34.1

