

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133587.D
 Acq On : 06 Jun 2023 12:38
 Operator : CG\JU
 Sample : PB153153BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153153BL

Quant Time: Jun 06 14:53:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

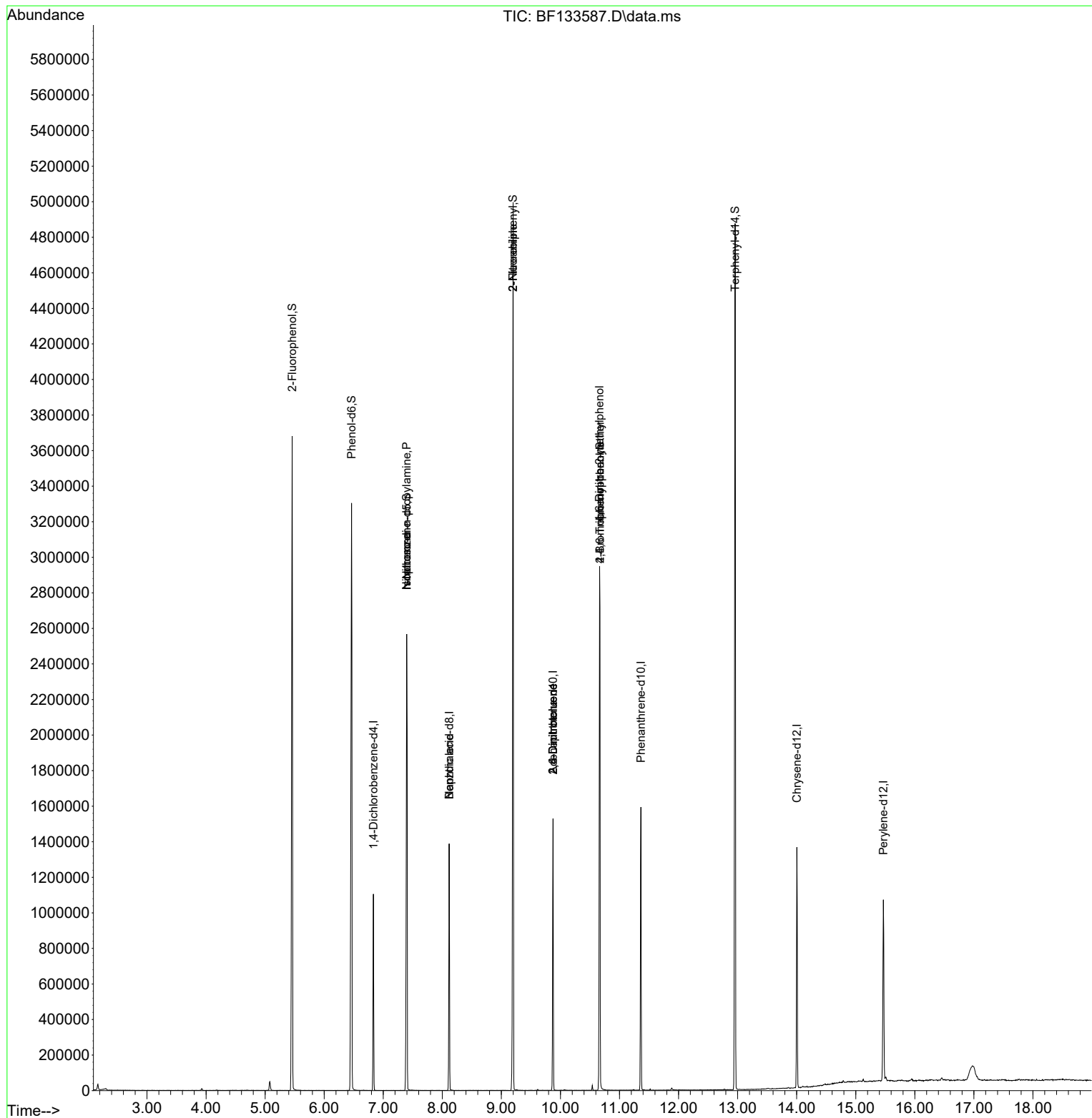
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144516	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	551650	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	277260	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	562333	20.000	ng	0.00
76) Chrysene-d12	14.004	240	443190	20.000	ng	0.00
86) Perylene-d12	15.468	264	451536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1096132	126.550	ng	0.01
7) Phenol-d6	6.463	99	1345044	126.147	ng	0.00
23) Nitrobenzene-d5	7.398	82	870582	105.370	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	415512	150.342	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1505806	83.825	ng	0.00
79) Terphenyl-d14	12.957	244	1910212	76.634	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	2129	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	119789	17.364	ng	# 77
25) Isophorone	7.398	82	870574	45.211	ng	# 65
32) Benzoic acid	8.116	122	154	7.373	ng	# 1
48) 2-Nitroaniline	9.198	65	2740	4.470	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	35588	12.551	ng	# 18
57) 2,4-Dinitrotoluene	9.874	165	35588	11.720	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.663	198	824	9.005	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	24631	4.124	ng	# 1

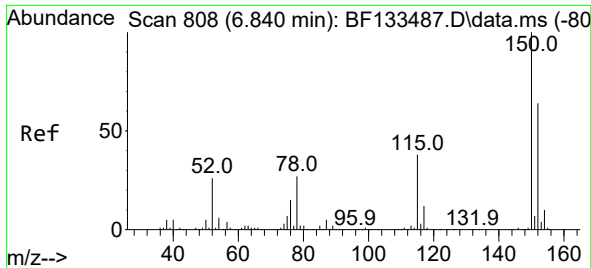
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133587.D
Acq On : 06 Jun 2023 12:38
Operator : CG\JU
Sample : PB153153BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153153BL

Quant Time: Jun 06 14:53:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

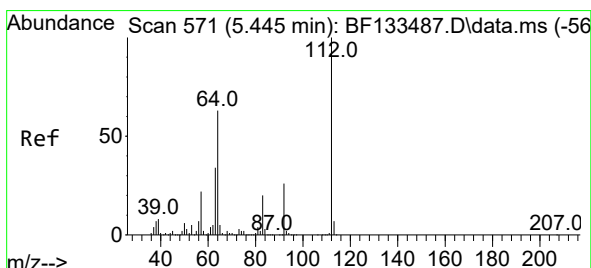
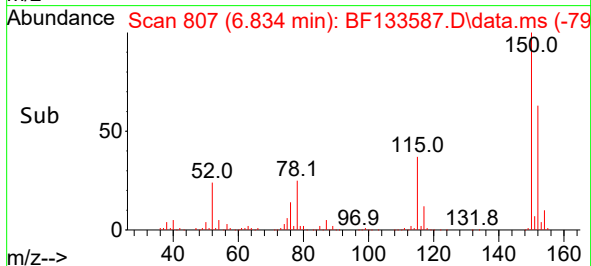
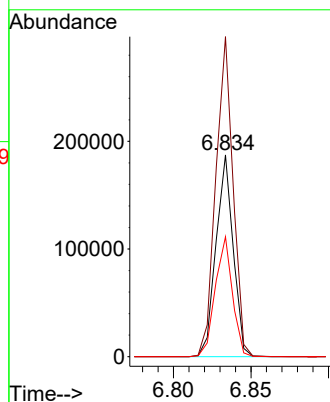
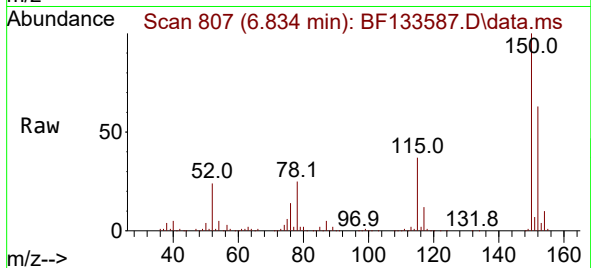




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

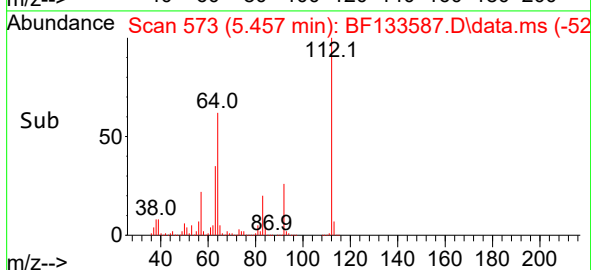
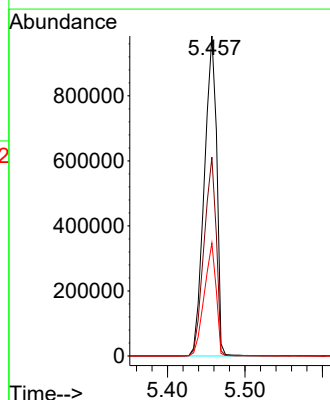
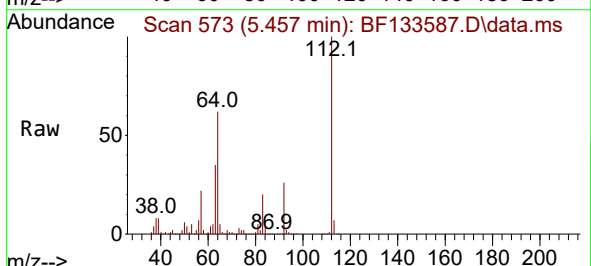
Instrument :
BNA_F
ClientSampleId :
PB153153BL

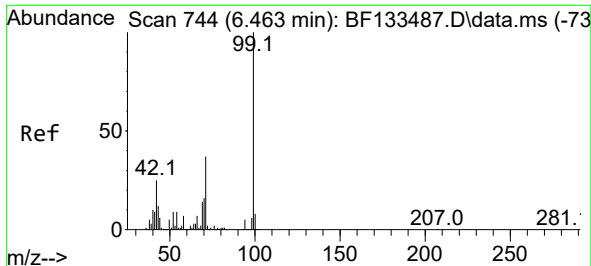
Tgt Ion:152 Resp: 144516
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 59.4 48.1 72.1



#5
2-Fluorophenol
Concen: 126.550 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:112 Resp: 1096132
Ion Ratio Lower Upper
112 100
64 62.1 50.1 75.1
63 35.3 27.5 41.3



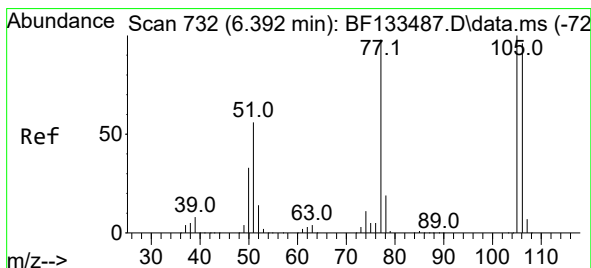
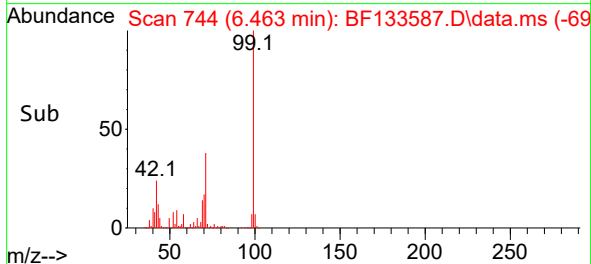
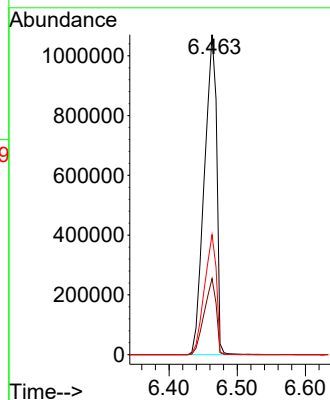
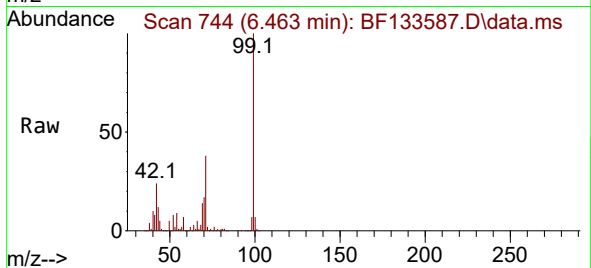


#7
Phenol-d6
Concen: 126.147 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
PB153153BL

Tgt Ion: 99 Resp: 1345044

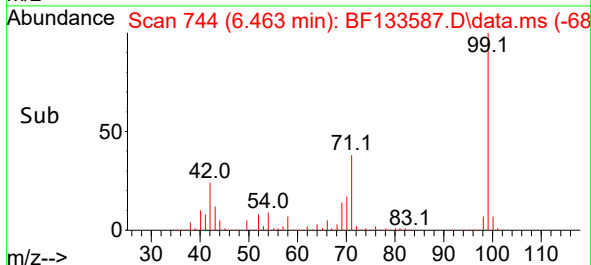
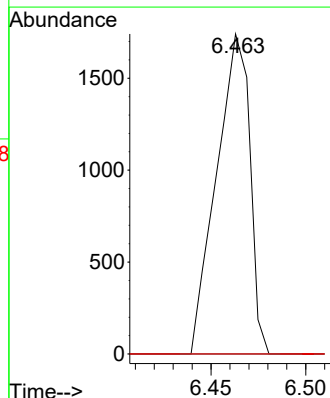
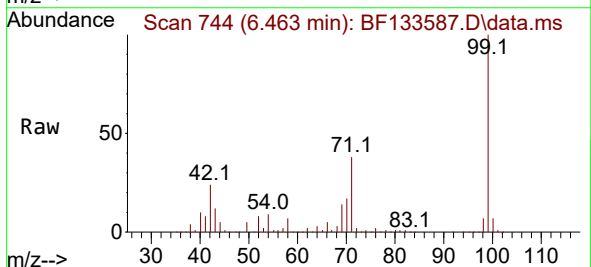
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.7	29.5
71	37.5	29.8	44.8

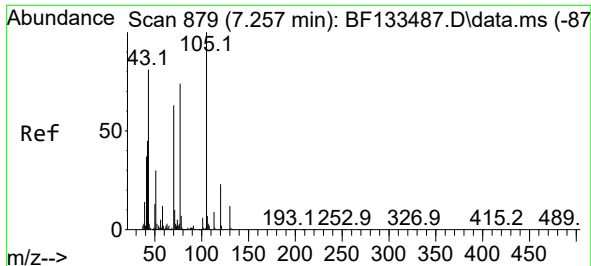


#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. 0.076 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion: 77 Resp: 2129

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.9	121.9#
106	0.0	77.8	117.8#

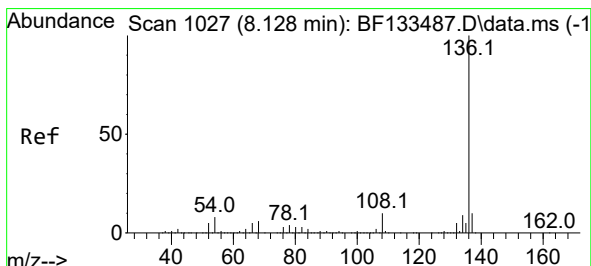
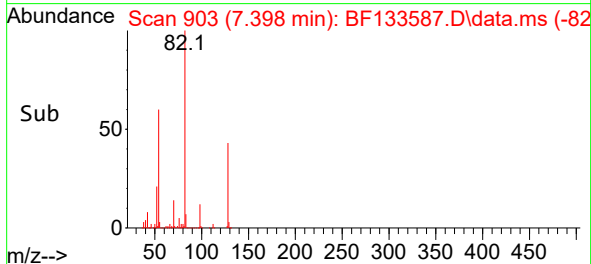
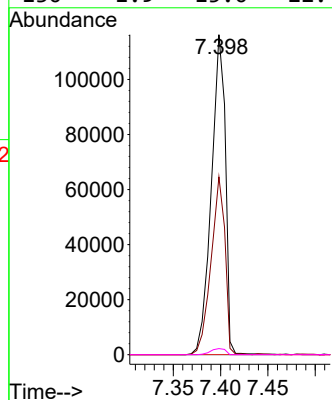
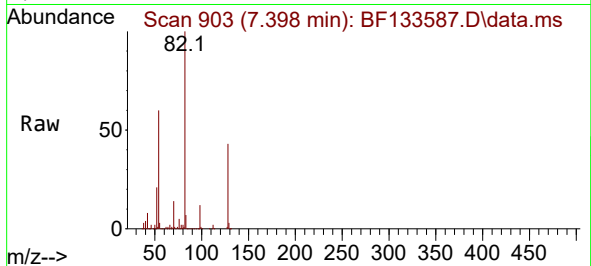




#19
n-Nitroso-di-n-propylamine
Concen: 17.364 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

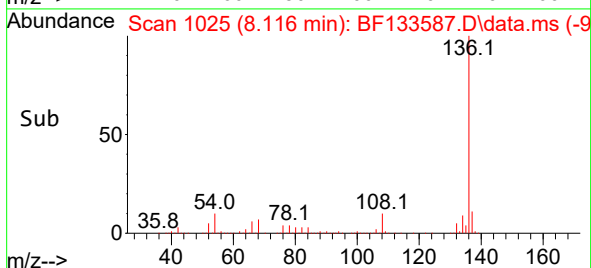
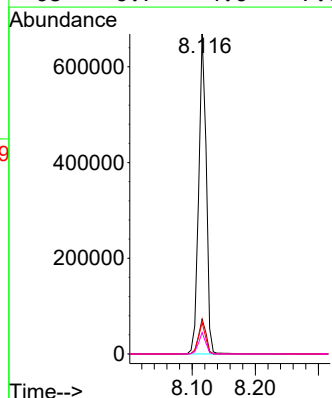
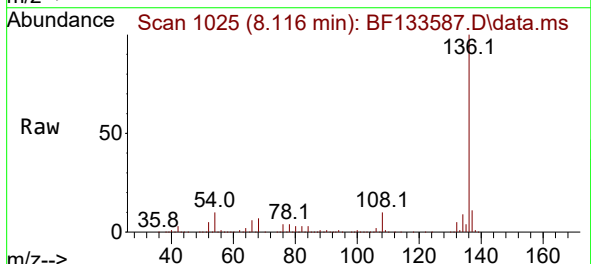
Instrument :
BNA_F
ClientSampleId :
PB153153BL

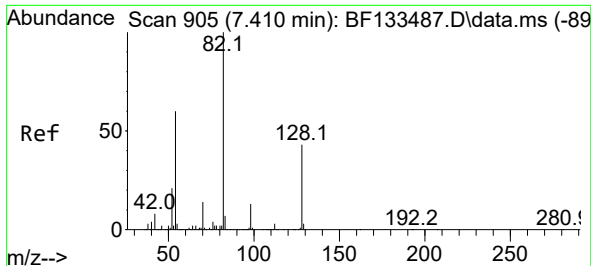
Tgt Ion: 70 Resp: 119789
Ion Ratio Lower Upper
70 100
42 55.6 57.2 85.8#
101 0.0 7.3 10.9#
130 1.9 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion: 136 Resp: 551650
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.8 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 105.370 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Instrument :

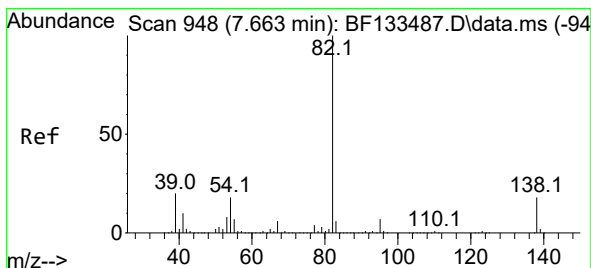
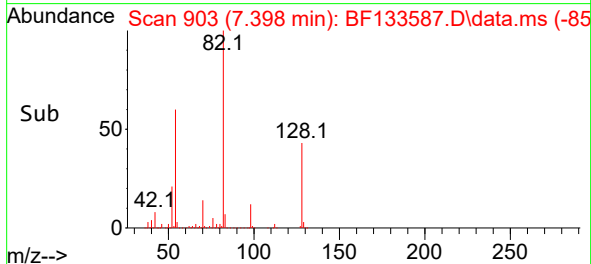
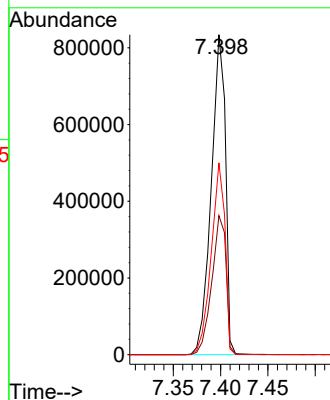
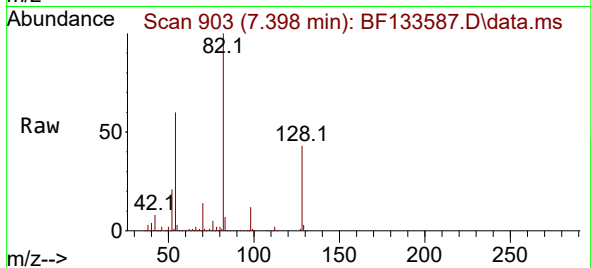
BNA_F

ClientSampleId :

PB153153BL

Tgt Ion: 82 Resp: 870582

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	59.9	48.2	72.4



#25

Isophorone

Concen: 45.211 ng

RT: 7.398 min Scan# 903

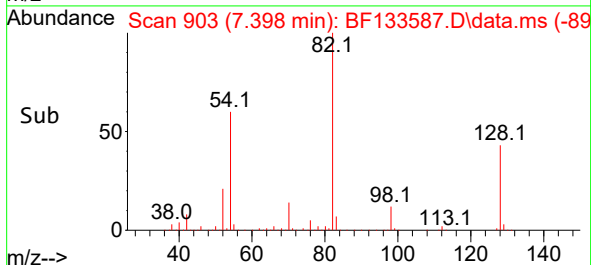
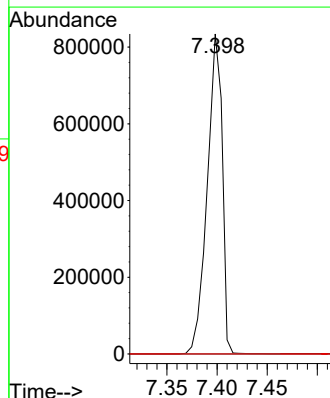
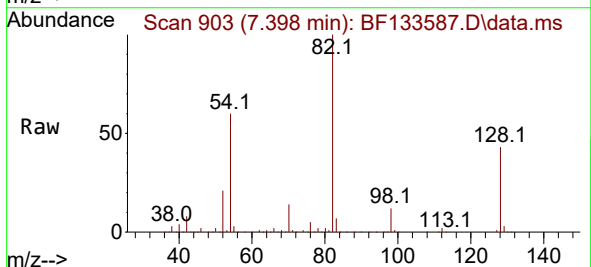
Delta R.T. -0.259 min

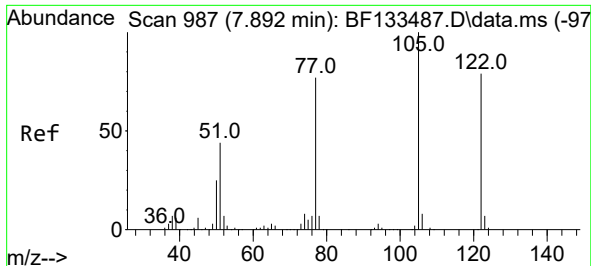
Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Tgt Ion: 82 Resp: 870574

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.4#

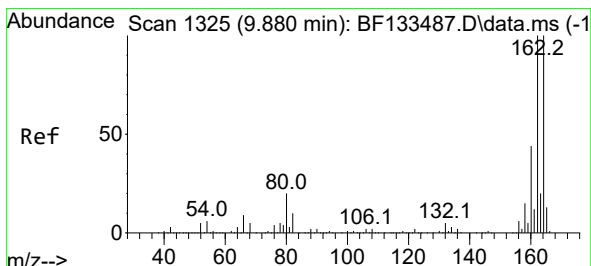
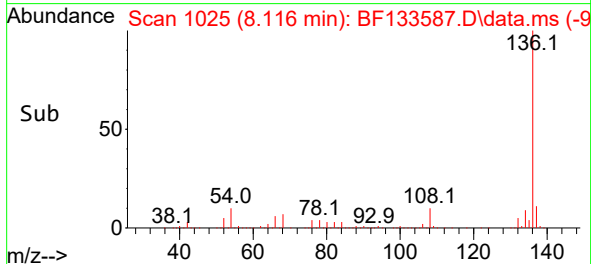
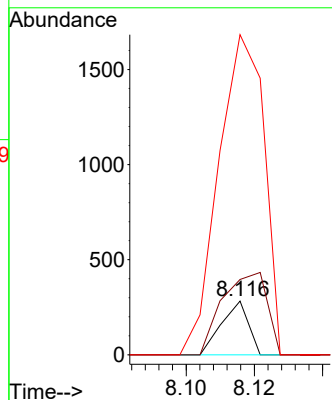
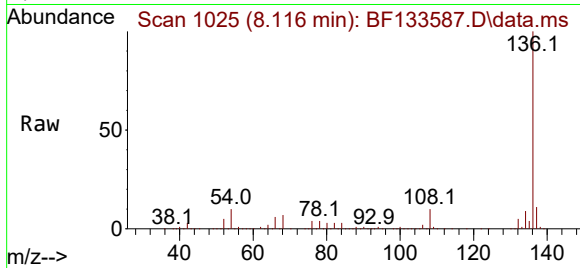




#32
Benzoic acid
Concen: 7.373 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.229 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

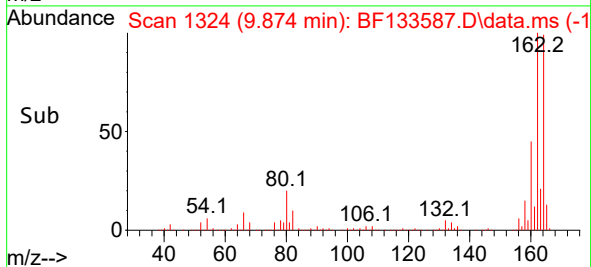
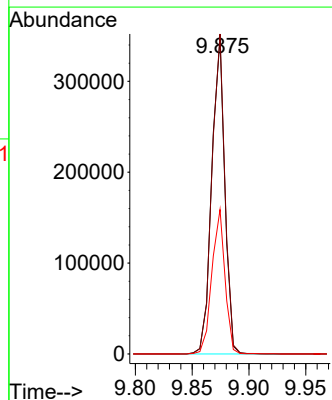
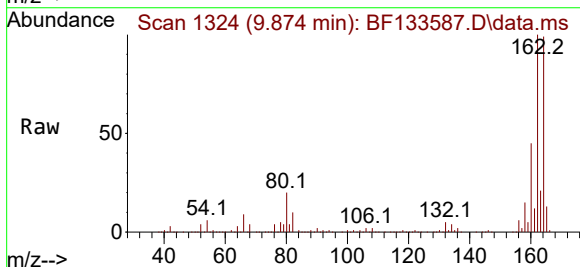
Instrument :
BNA_F
ClientSampleId :
PB153153BL

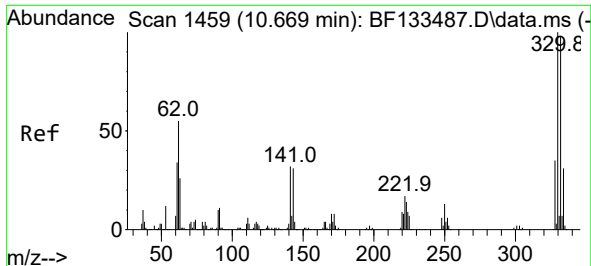
Tgt Ion:122 Resp: 154
Ion Ratio Lower Upper
122 100
105 140.4 103.3 143.3
77 596.8 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:164 Resp: 277260
Ion Ratio Lower Upper
164 100
162 101.3 79.7 119.5
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.342 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133587.D

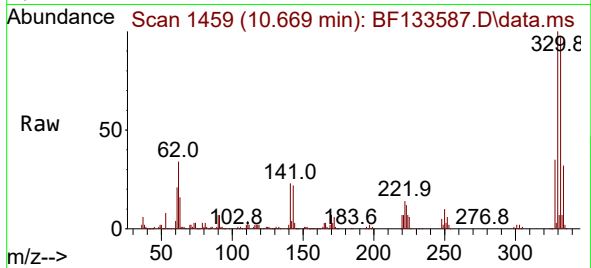
Acq: 06 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153153BL



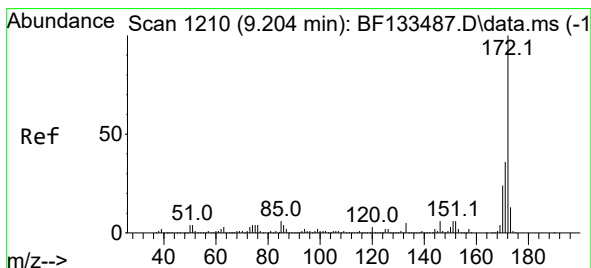
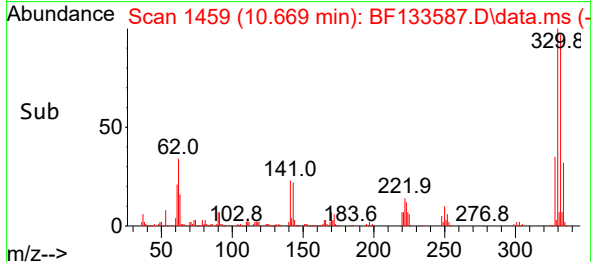
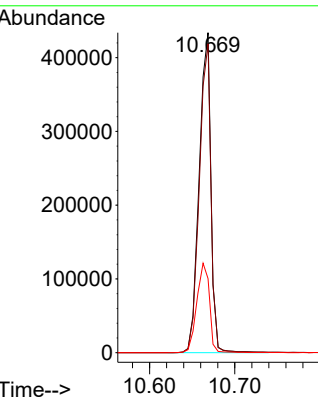
Tgt Ion:330 Resp: 415512

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

141 30.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 83.825 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

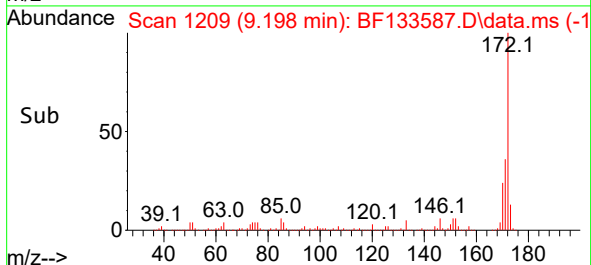
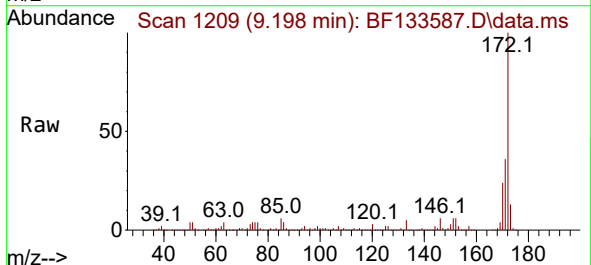
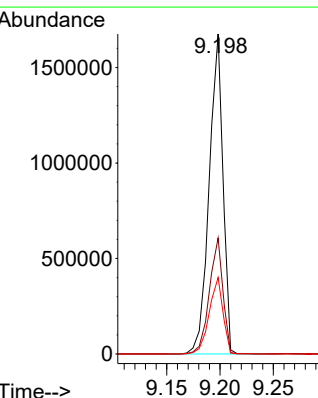
Tgt Ion:172 Resp: 1505806

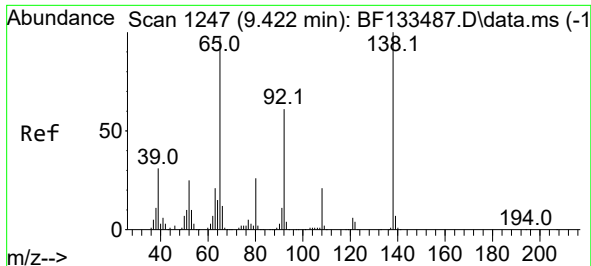
Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 23.9 19.3 28.9

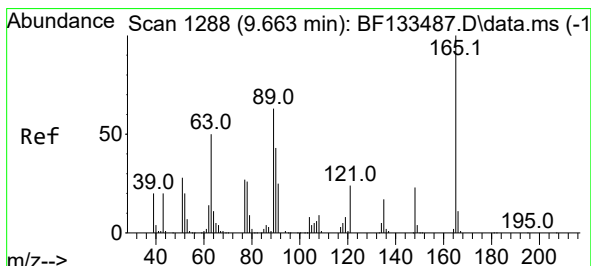
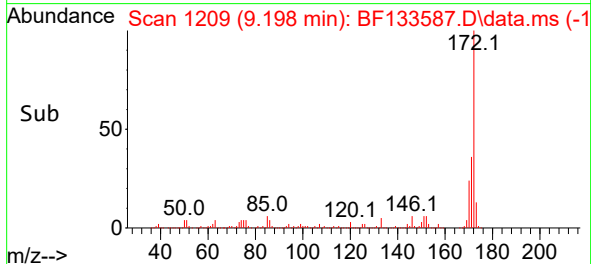
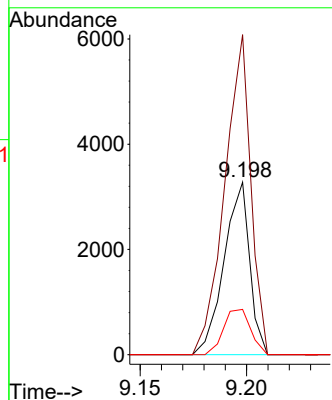
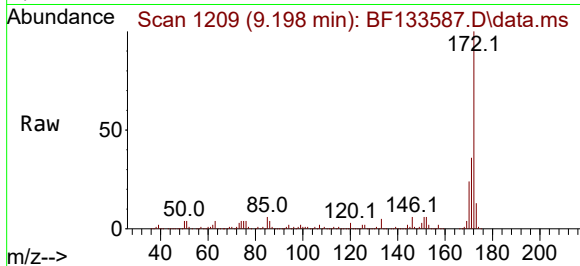




#48
2-Nitroaniline
Concen: 4.470 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

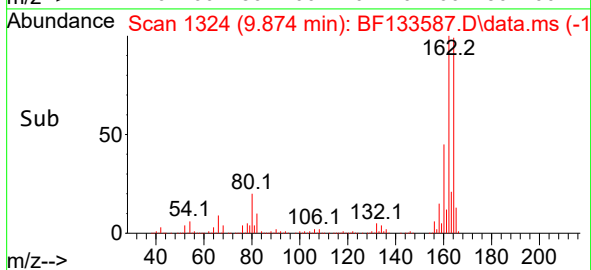
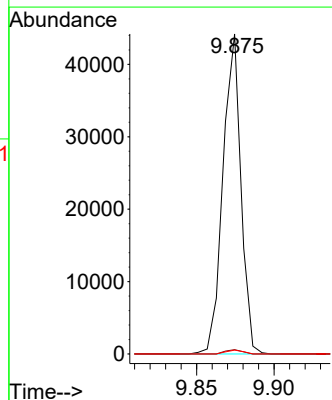
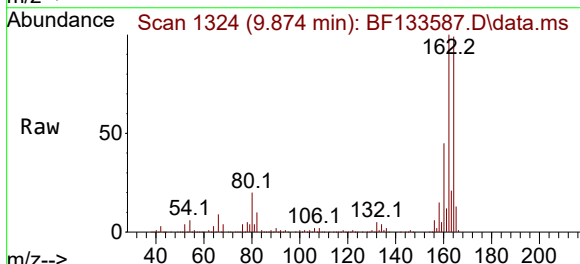
Instrument :
BNA_F
ClientSampleId :
PB153153BL

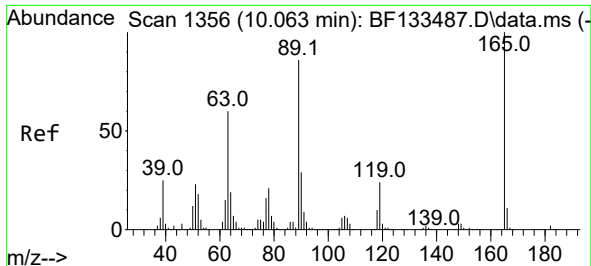
Tgt Ion: 65 Resp: 2740
Ion Ratio Lower Upper
65 100
92 185.6 50.8 76.2#
138 26.3 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.551 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion: 165 Resp: 35588
Ion Ratio Lower Upper
165 100
63 1.4 57.0 85.4#
89 1.2 50.8 76.2#

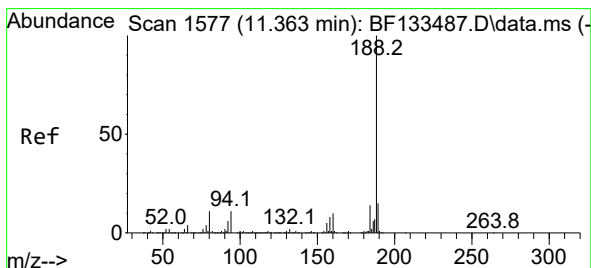
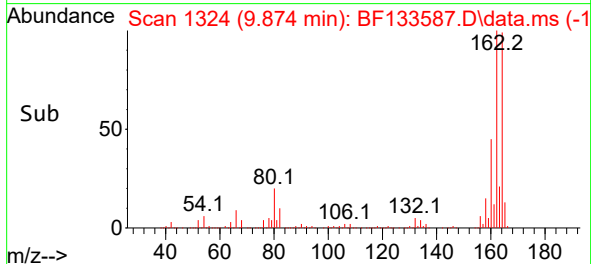
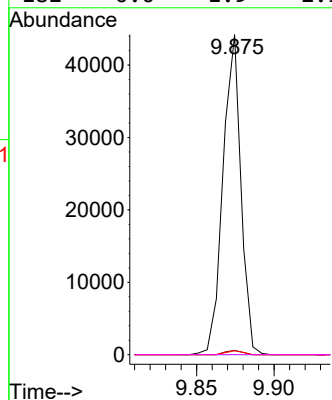
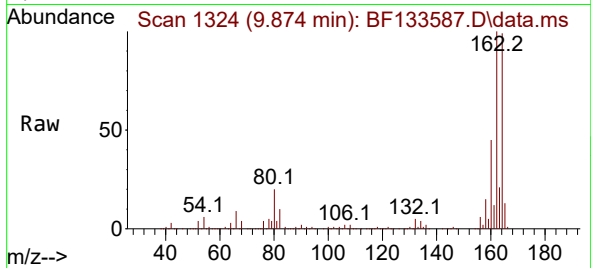




#57
2,4-Dinitrotoluene
Concen: 11.720 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

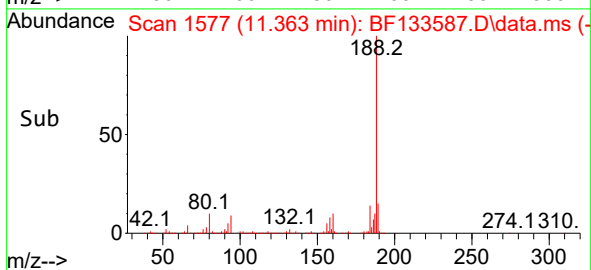
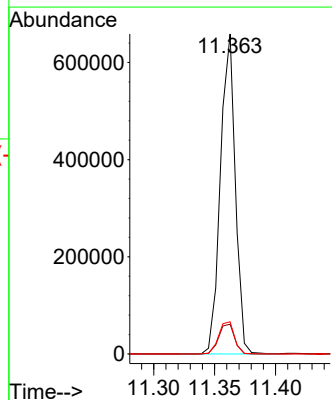
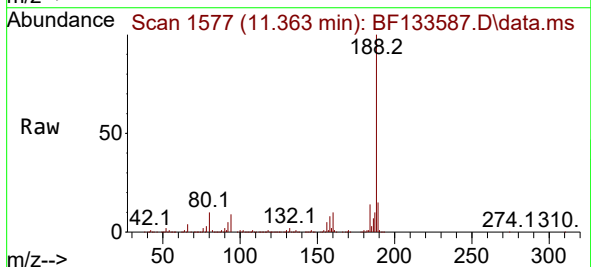
Instrument :
BNA_F
ClientSampleId :
PB153153BL

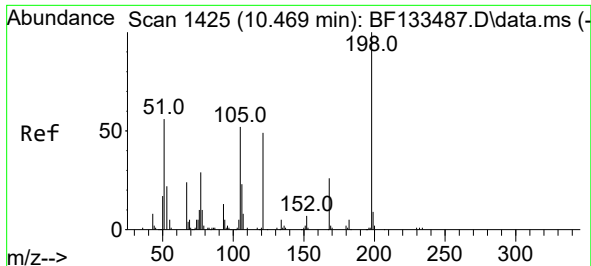
Tgt Ion:165 Resp: 35588
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.2 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:188 Resp: 562333
Ion Ratio Lower Upper
188 100
94 9.3 8.6 12.8
80 10.1 9.2 13.8

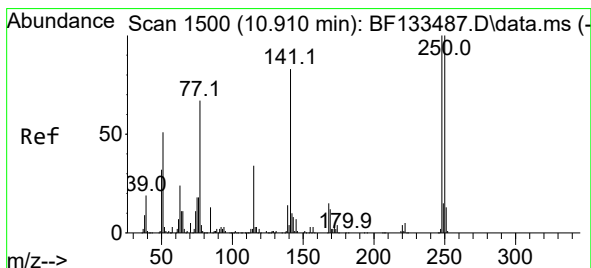
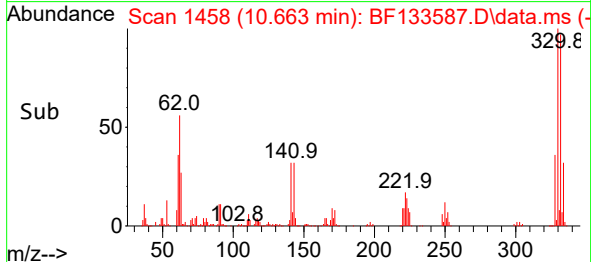
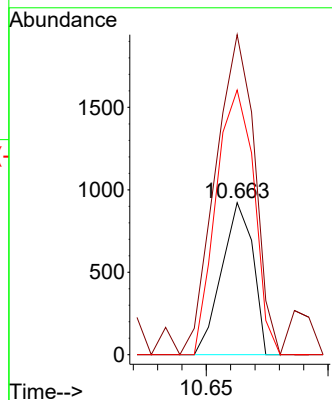
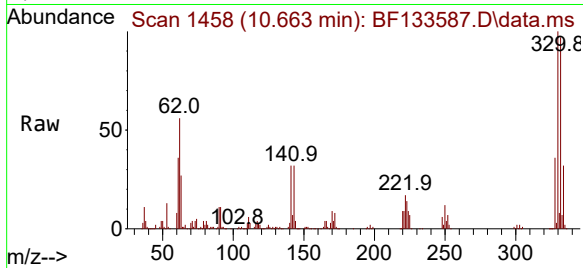




#65
4,6-Dinitro-2-methylphenol
Concen: 9.005 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.188 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

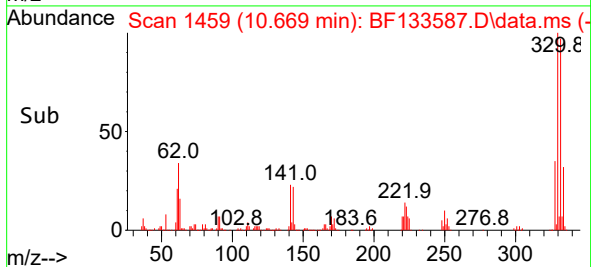
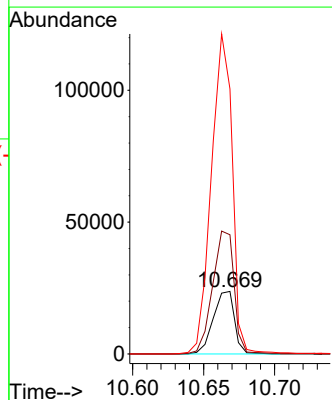
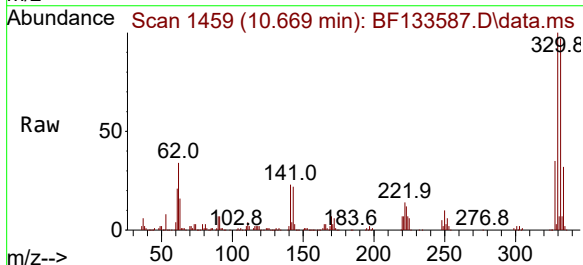
Instrument :
BNA_F
ClientSampleId :
PB153153BL

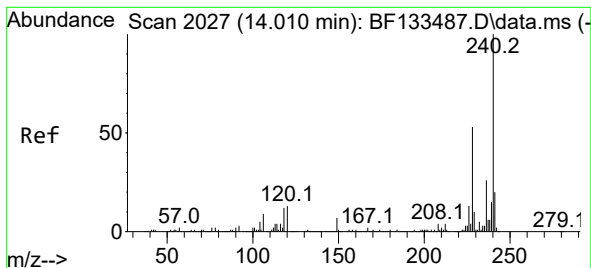
Tgt Ion:198 Resp: 824
Ion Ratio Lower Upper
198 100
51 210.5 53.6 93.6#
105 174.1 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Tgt Ion:248 Resp: 24631
Ion Ratio Lower Upper
248 100
250 190.7 79.7 119.5#
141 423.6 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153153BL

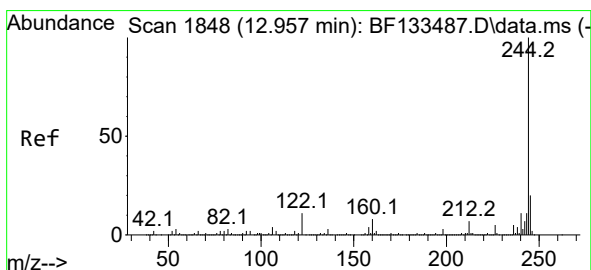
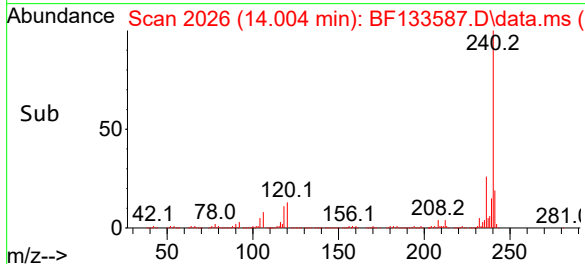
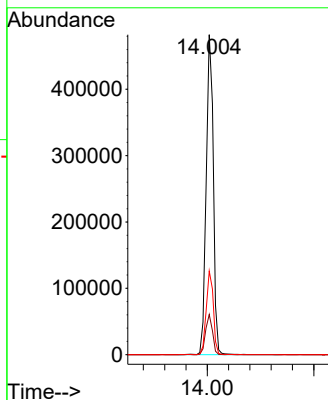
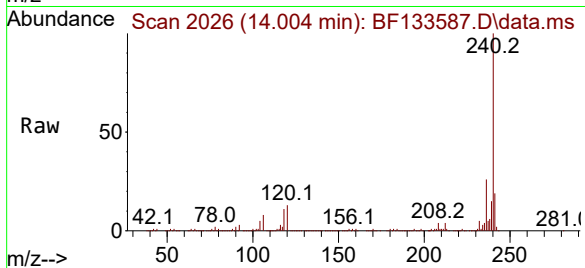
Tgt Ion:240 Resp: 443190

Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

236 26.1 20.5 30.7



#79

Terphenyl-d14

Concen: 76.634 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133587.D

Acq: 06 Jun 2023 12:38

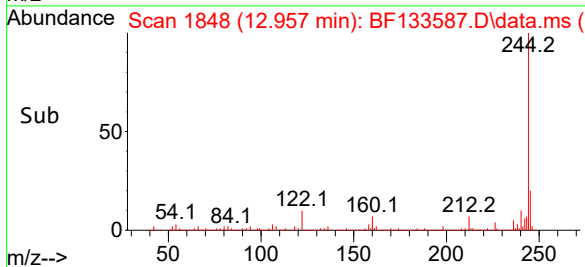
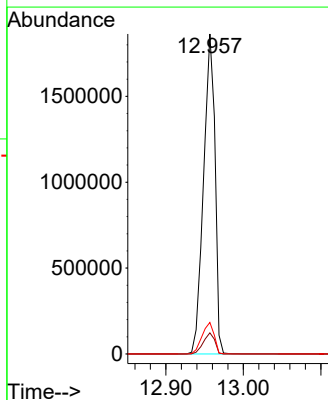
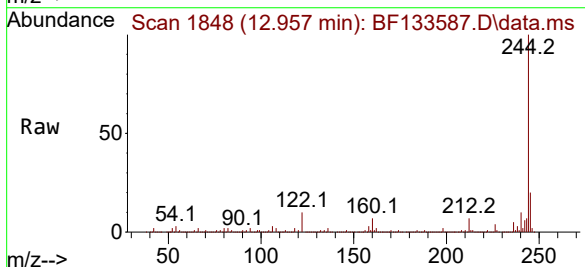
Tgt Ion:244 Resp: 1910212

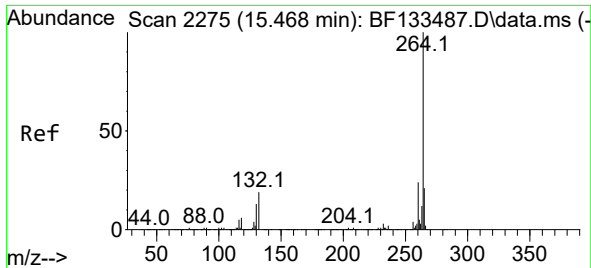
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 9.9 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133587.D
Acq: 06 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
PB153153BL

Tgt Ion:264 Resp: 451536
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.8 16.8 25.2

