

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133206.D
 Acq On : 03 May 2023 14:37
 Operator : CG\JU
 Sample : 02583-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-27

Quant Time: May 03 15:35:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

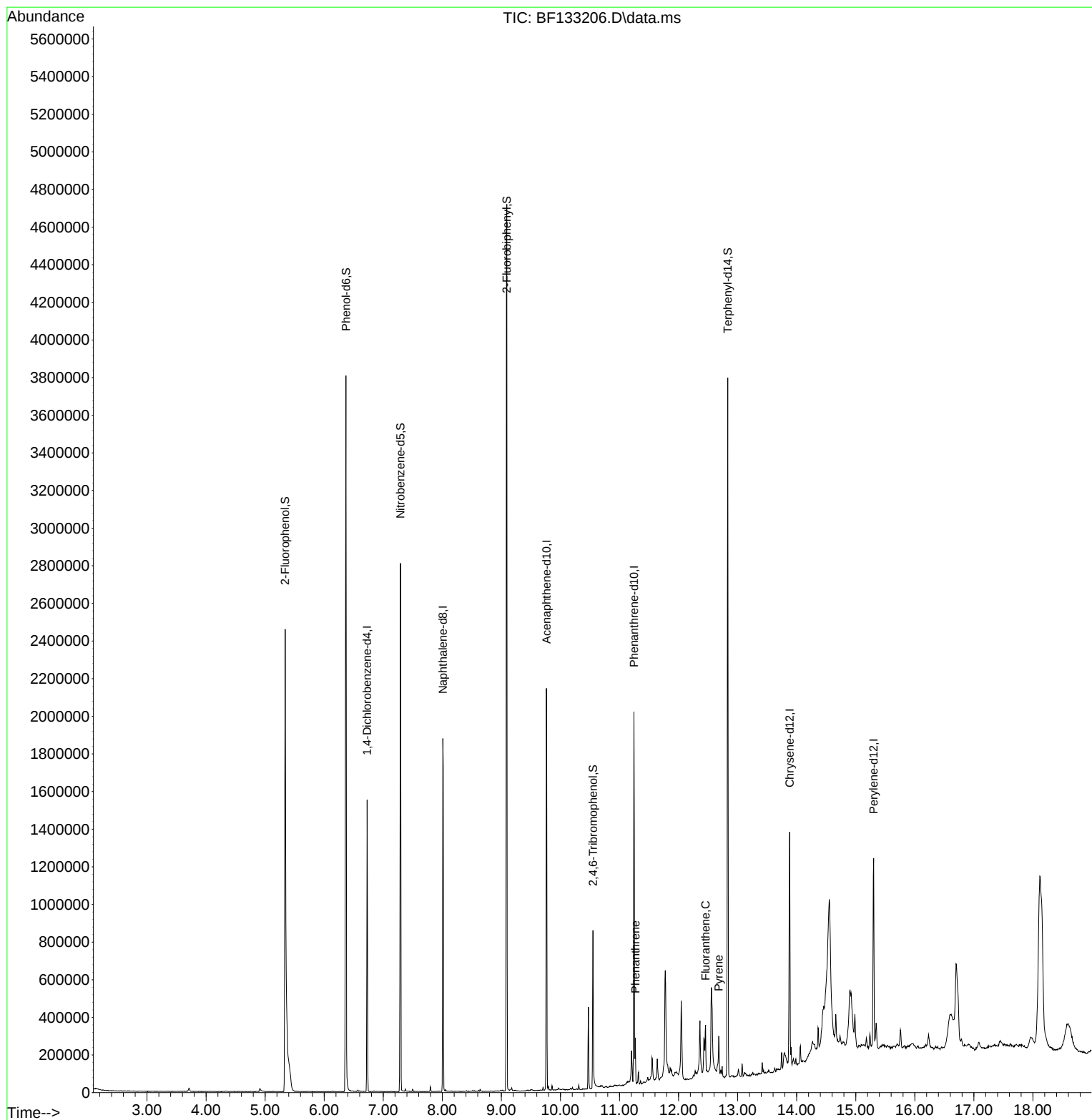
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	192239	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	785327	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	397755	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	659301	20.000	ng	0.00
76) Chrysene-d12	13.880	240	362280	20.000	ng	-0.01
86) Perylene-d12	15.304	264	430922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1117134	87.784	ng	0.00
7) Phenol-d6	6.369	99	1325511	83.917	ng	0.00
23) Nitrobenzene-d5	7.292	82	809018	55.605	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	95116	23.778	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1441546	60.633	ng	0.00
79) Terphenyl-d14	12.833	244	1214680	57.826	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.269	178	75345	2.126	ng	99
75) Fluoranthene	12.457	202	97447	2.740	ng	96
78) Pyrene	12.680	202	79768	2.569	ng	99

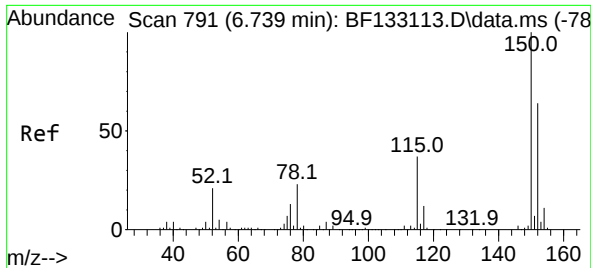
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133206.D
Acq On : 03 May 2023 14:37
Operator : CG\JU
Sample : 02583-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-27

Quant Time: May 03 15:35:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 12:00:39 2023
Response via : Initial Calibration

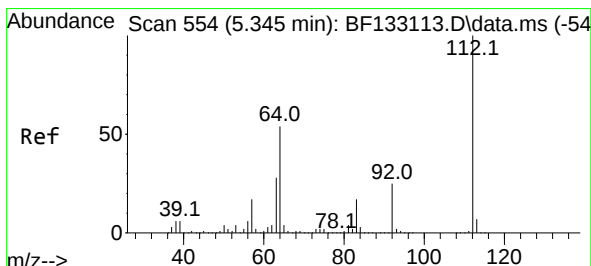
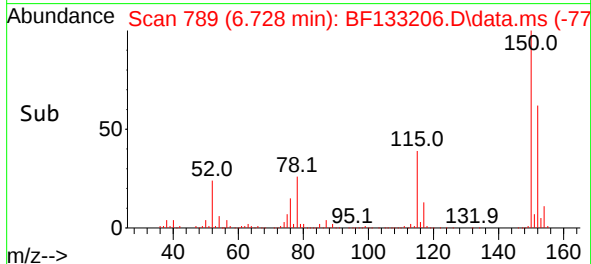
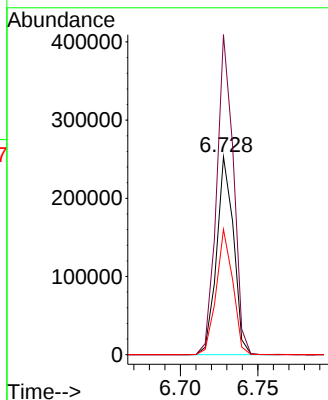
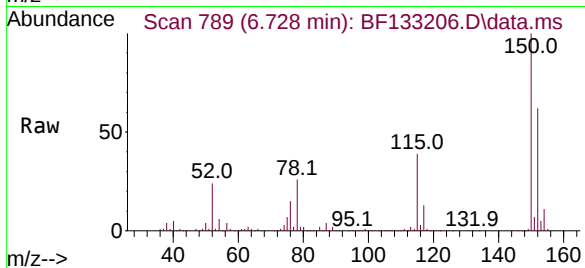




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

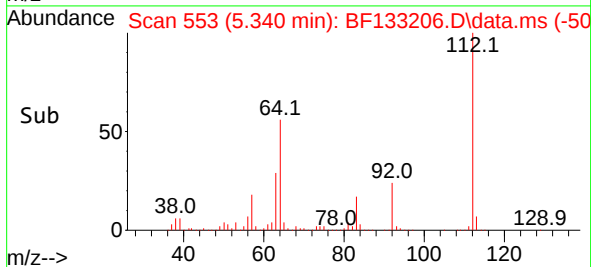
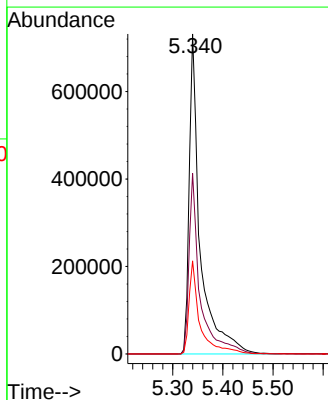
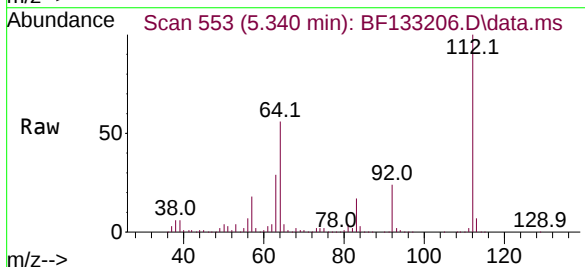
Instrument :
BNA_F
ClientSampleId :
CF-27

Tgt Ion:152 Resp: 192239
Ion Ratio Lower Upper
152 100
150 161.7 124.8 187.2
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 87.784 ng
RT: 5.340 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

Tgt Ion:112 Resp: 1117134
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.1 23.8 35.8

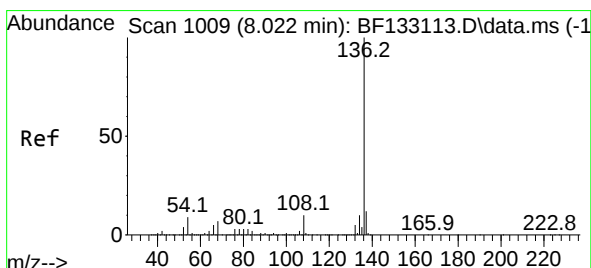
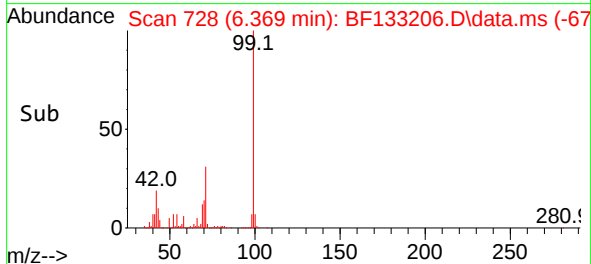
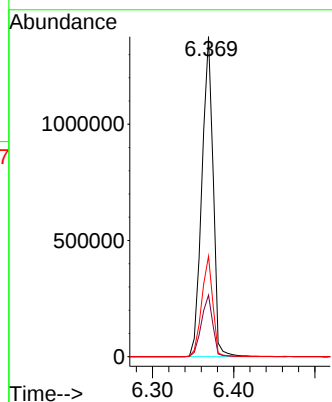
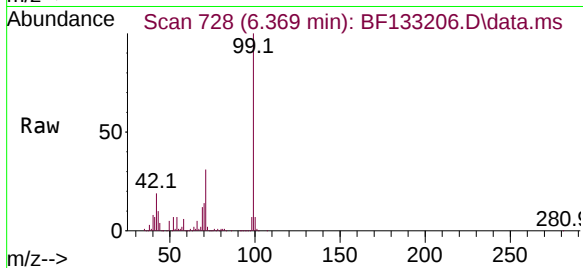




#7
Phenol-d6
Concen: 83.917 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

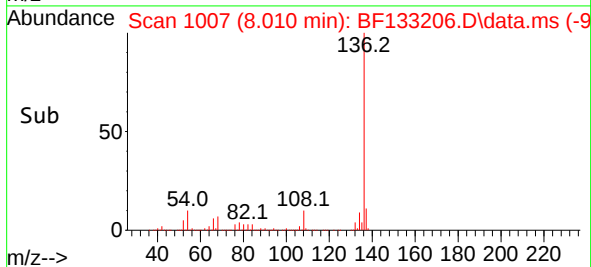
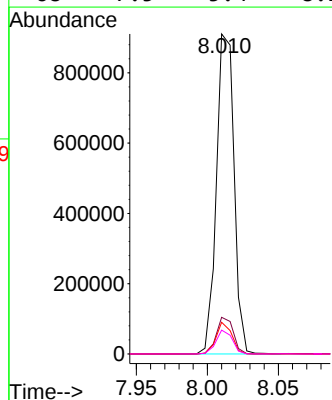
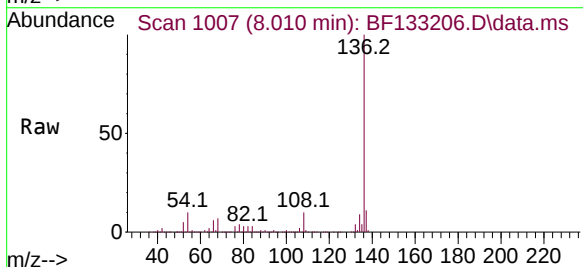
Instrument :
BNA_F
ClientSampleId :
CF-27

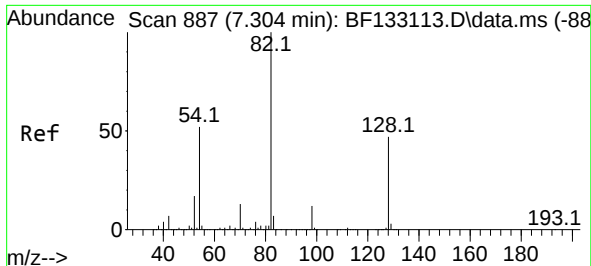
Tgt Ion: 99 Resp: 1325511
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

Tgt Ion: 136 Resp: 785327
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.9 7.0 10.4
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 55.605 ng

RT: 7.292 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

Instrument :

BNA_F

ClientSampleId :

CF-27

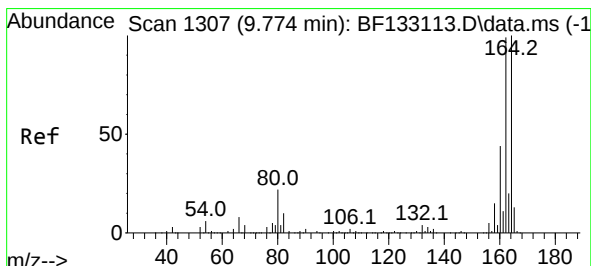
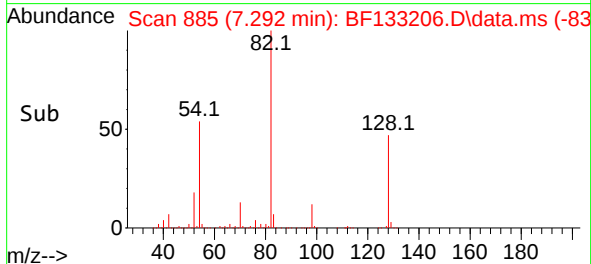
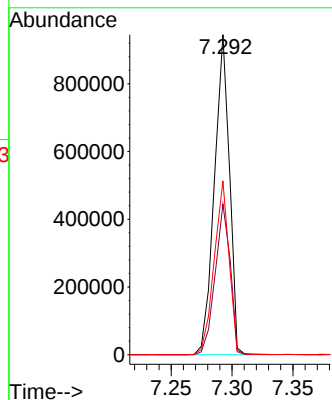
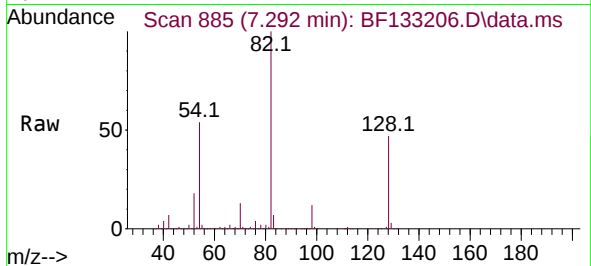
Tgt Ion: 82 Resp: 809018

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 54.3 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

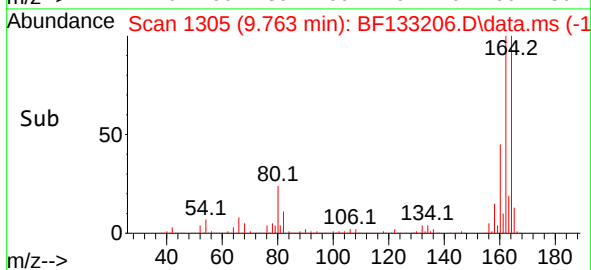
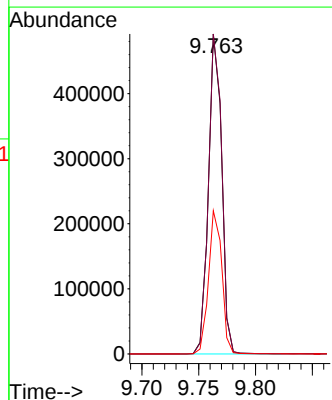
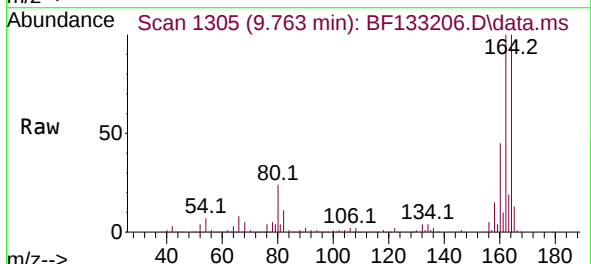
Tgt Ion:164 Resp: 397755

Ion Ratio Lower Upper

164 100

162 100.0 78.7 118.1

160 44.7 35.8 53.6

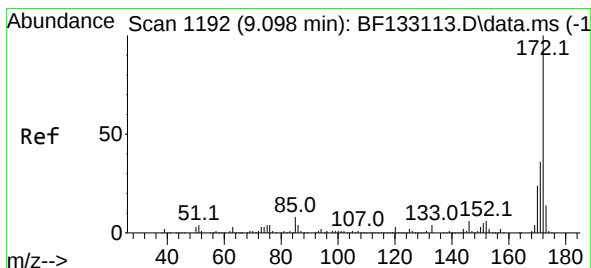
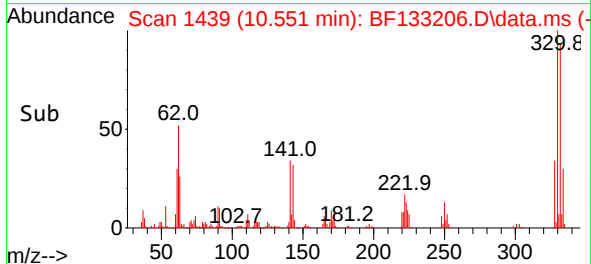
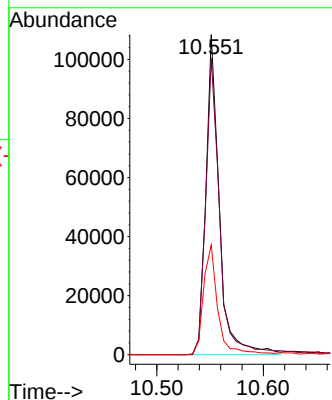
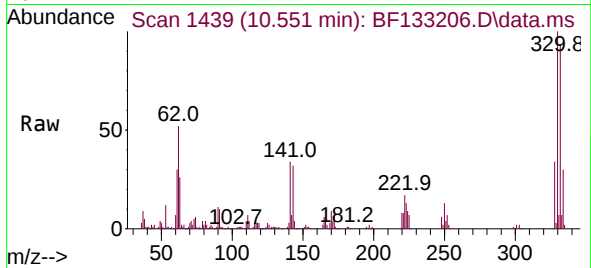




#42
2,4,6-Tribromophenol
Concen: 23.778 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

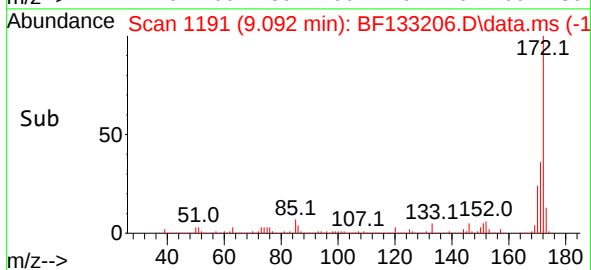
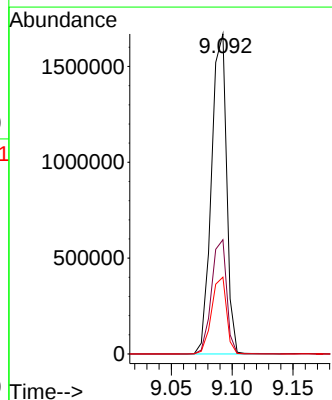
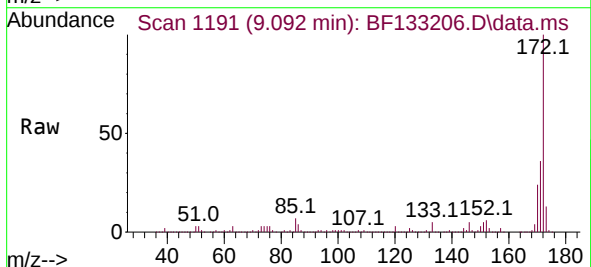
Instrument :
BNA_F
ClientSampleId :
CF-27

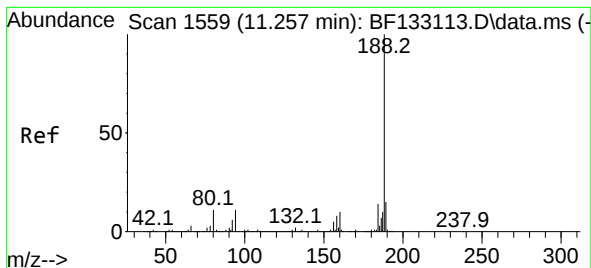
Tgt Ion: 330 Resp: 95116
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 36.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.633 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

Tgt Ion: 172 Resp: 1441546
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

Instrument :

BNA_F

ClientSampleId :

CF-27

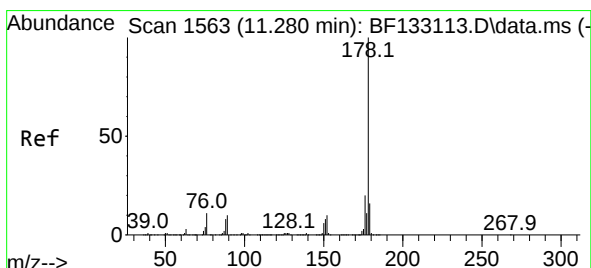
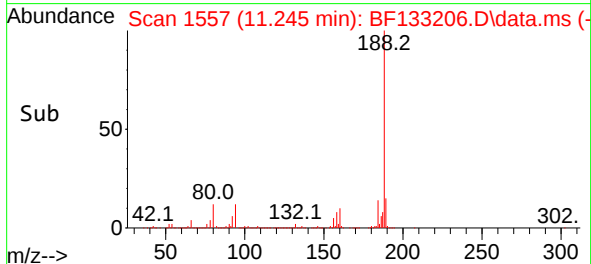
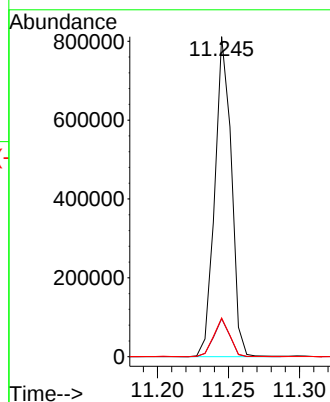
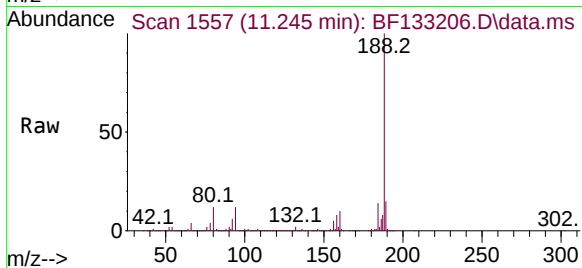
Tgt Ion:188 Resp: 659301

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.1 10.4 15.6



#71

Phenanthrene

Concen: 2.126 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

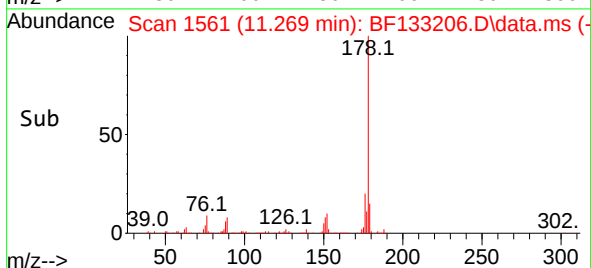
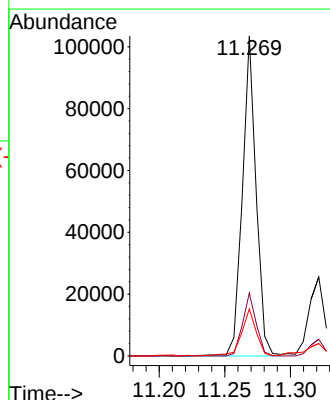
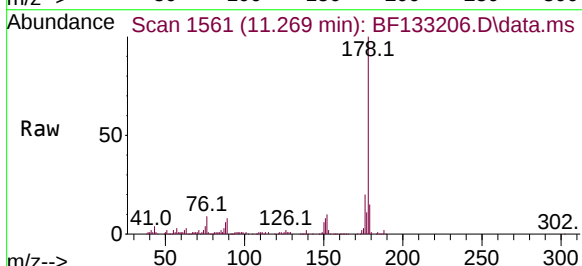
Tgt Ion:178 Resp: 75345

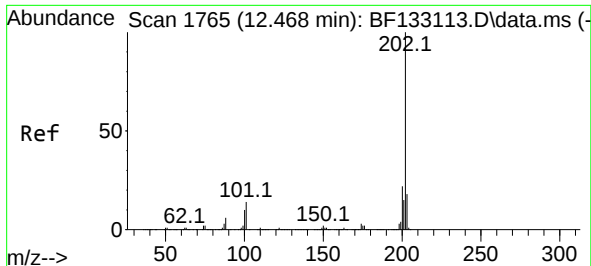
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 14.7 12.5 18.7

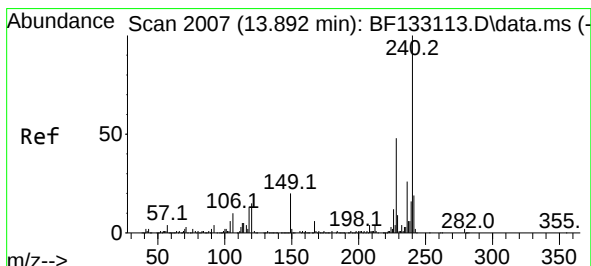
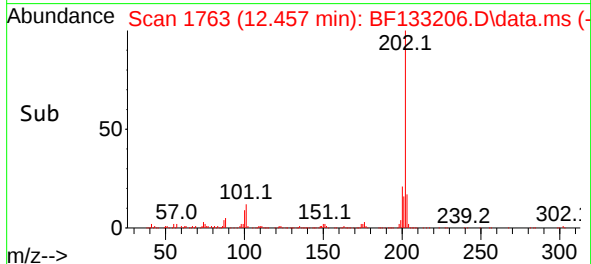
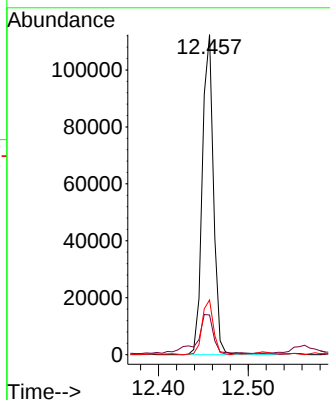
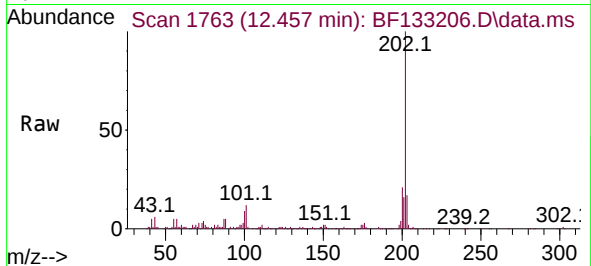




#75
Fluoranthene
Concen: 2.740 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

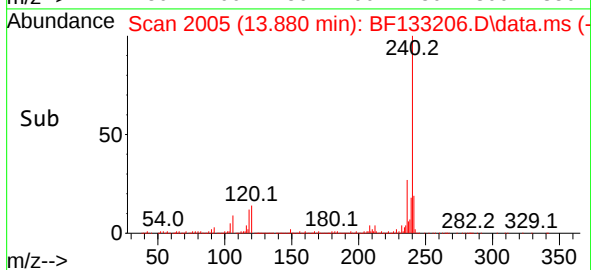
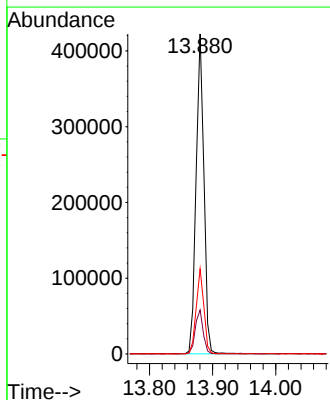
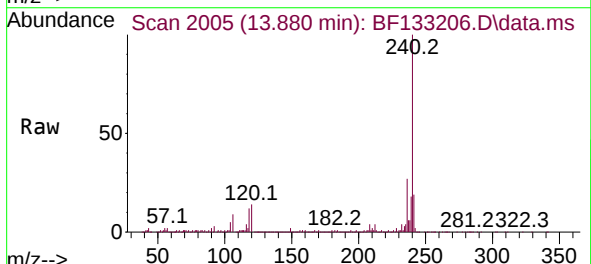
Instrument :
BNA_F
ClientSampleId :
CF-27

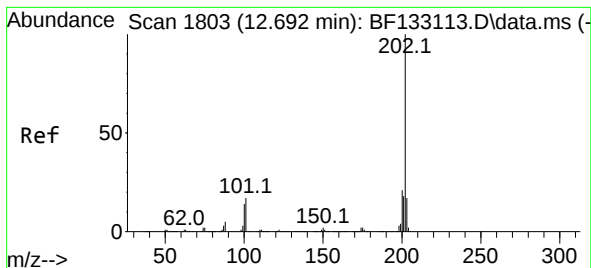
Tgt Ion:202 Resp: 97447
Ion Ratio Lower Upper
202 100
101 12.4 0.0 35.3
203 17.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133206.D
Acq: 03 May 2023 14:37

Tgt Ion:240 Resp: 362280
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.6 21.5 32.3





#78

Pyrene

Concen: 2.569 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.012 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

Instrument :

BNA_F

ClientSampleId :

CF-27

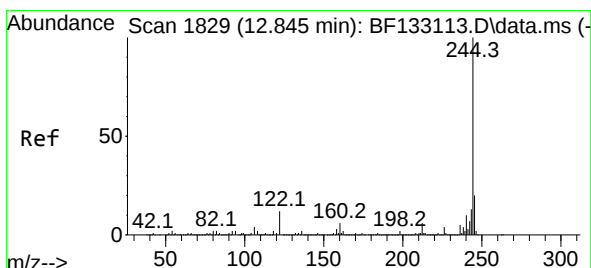
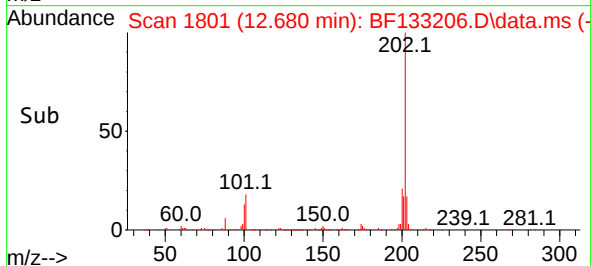
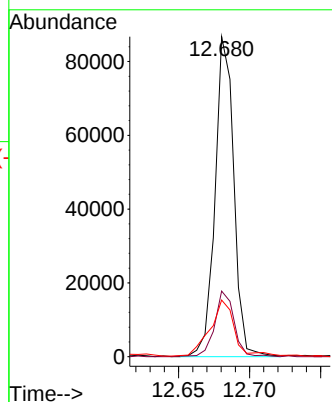
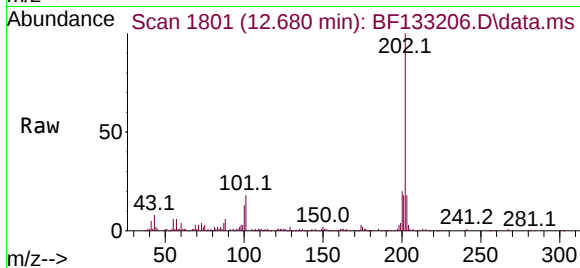
Tgt Ion:202 Resp: 79768

Ion Ratio Lower Upper

202 100

200 20.5 17.1 25.7

203 17.7 14.1 21.1



#79

Terphenyl-d14

Concen: 57.826 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF133206.D

Acq: 03 May 2023 14:37

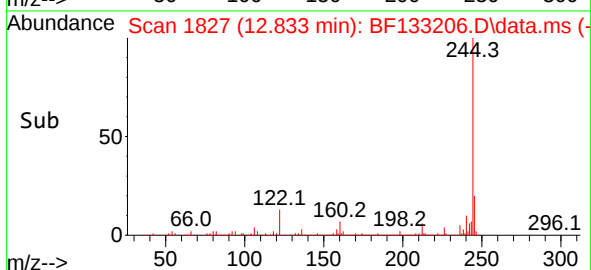
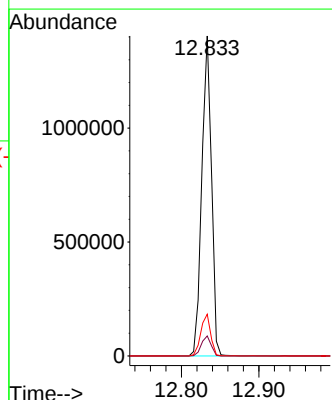
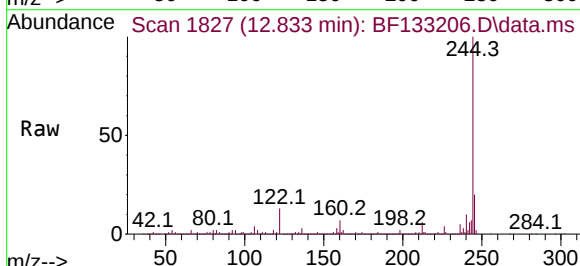
Tgt Ion:244 Resp: 1214680

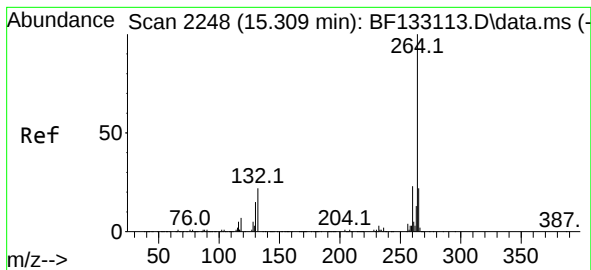
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 13.1 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133206.D

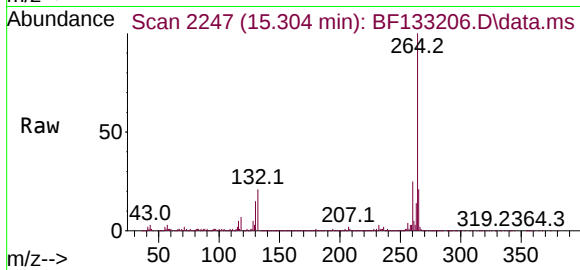
Acq: 03 May 2023 14:37

Instrument :

BNA_F

ClientSampleId :

CF-27



Tgt Ion:264 Resp: 430922

Ion Ratio Lower Upper

264 100

260 25.3 18.8 28.2

265 21.1 17.0 25.4

