

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133208.D
 Acq On : 03 May 2023 15:40
 Operator : CG\JU
 Sample : 02583-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-22

Quant Time: May 03 16:25:25 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	180596	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	726755	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	377290	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	619986	20.000	ng	0.00
76) Chrysene-d12	13.880	240	327456	20.000	ng	-0.01
86) Perylene-d12	15.304	264	387782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1022927	85.564	ng	0.00
7) Phenol-d6	6.369	99	1252752	84.424	ng	0.00
23) Nitrobenzene-d5	7.292	82	776401	57.664	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	86353	22.758	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1418580	62.903	ng	0.00
79) Terphenyl-d14	12.833	244	1209712	63.714	ng	0.00

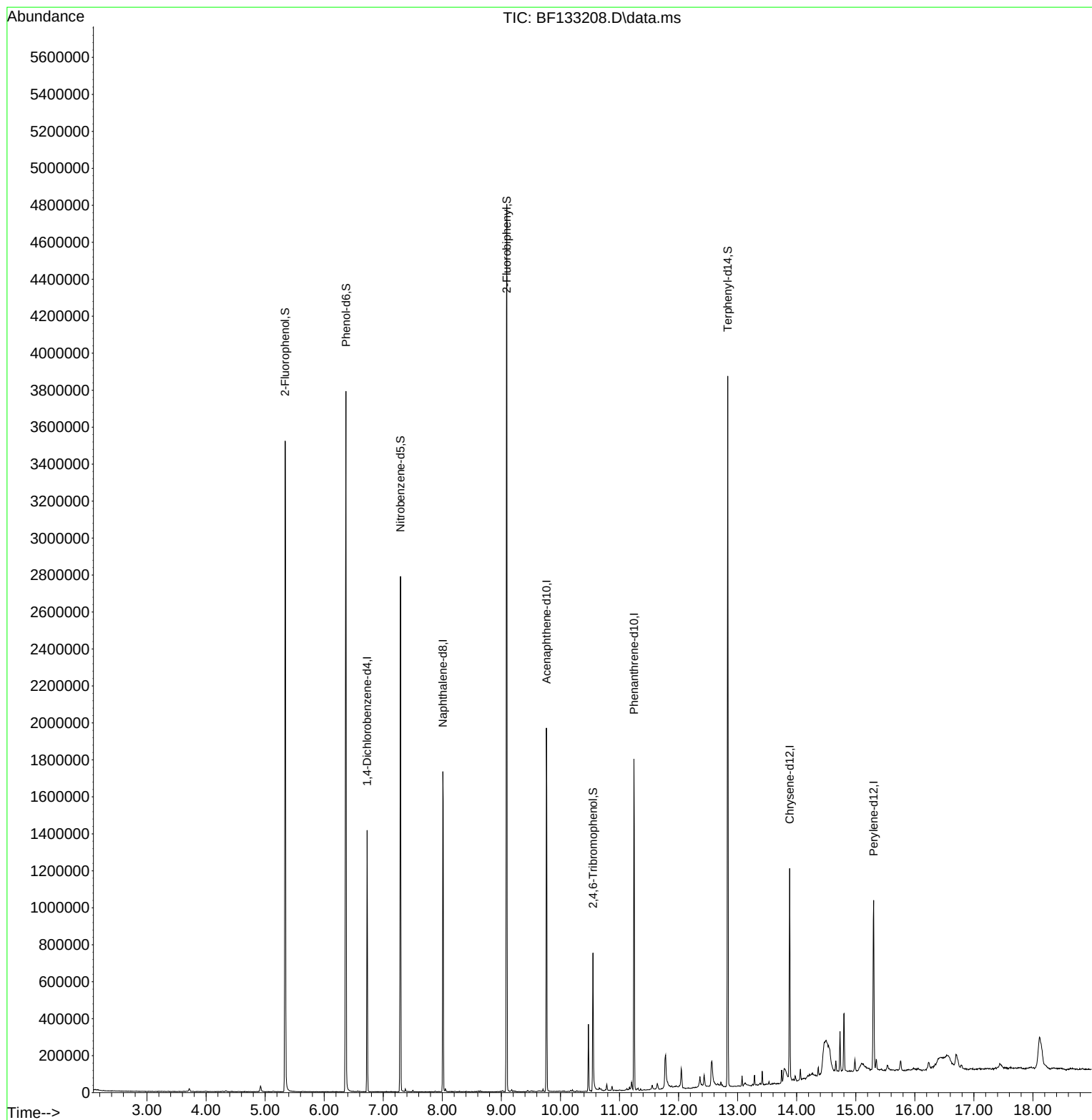
Target Compounds	Qvalue

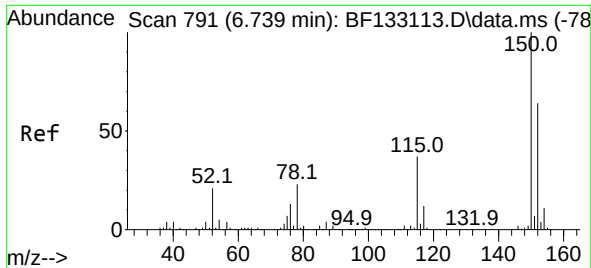
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133208.D
Acq On : 03 May 2023 15:40
Operator : CG\JU
Sample : 02583-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-22

Quant Time: May 03 16:25:25 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

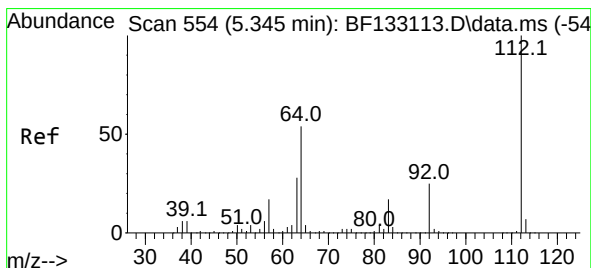
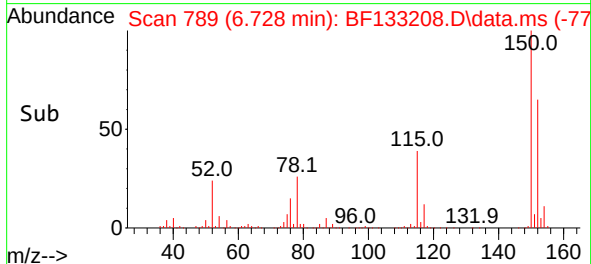
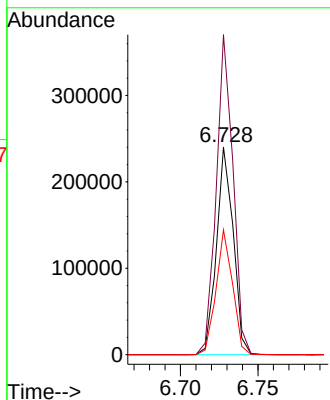
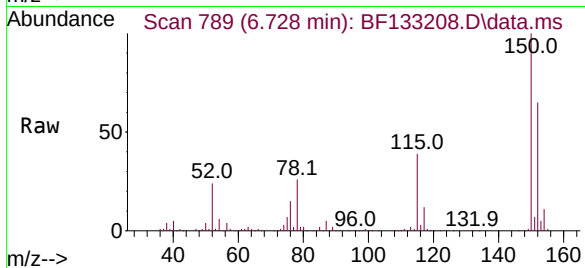




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

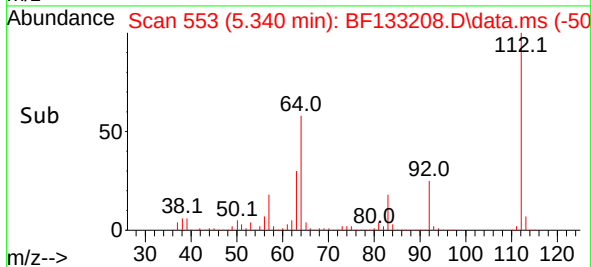
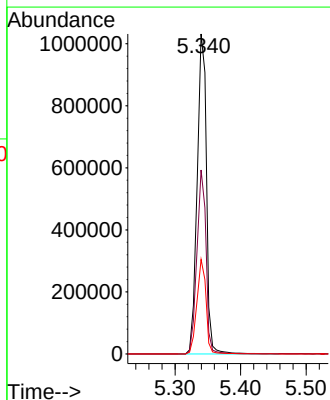
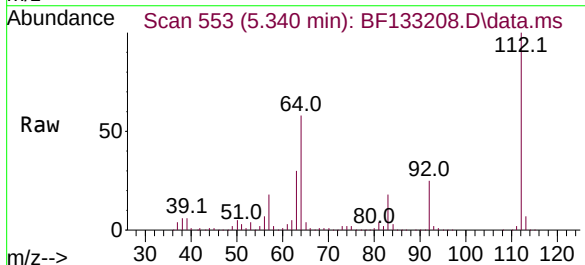
Instrument :
 BNA_F
 ClientSampleId :
 CF-22

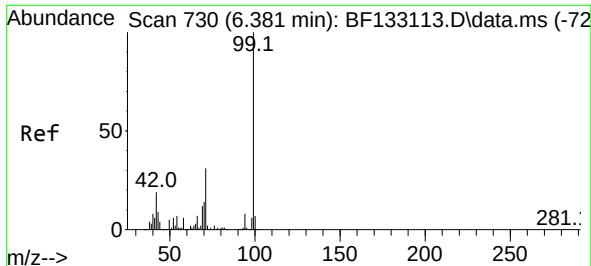
Tgt Ion:152 Resp: 180596
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.564 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

Tgt Ion:112 Resp: 1022927
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.8 70.2
 63 29.6 23.8 35.8

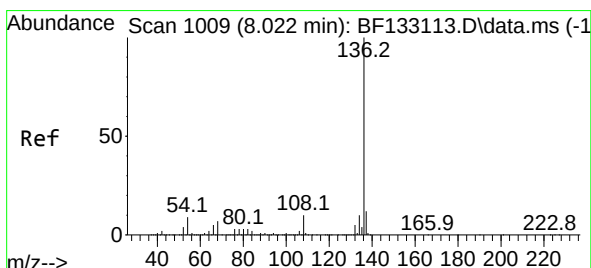
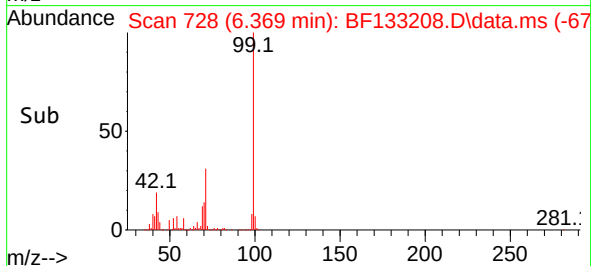
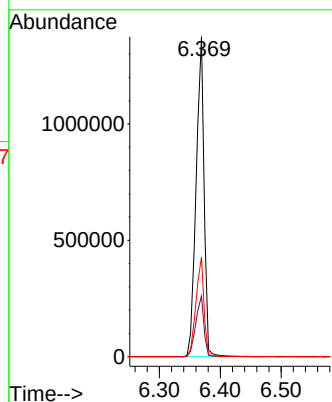
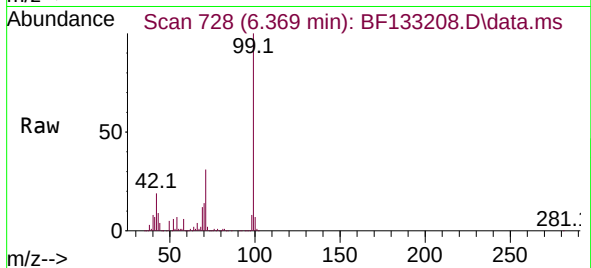




#7
Phenol-d6
Concen: 84.424 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

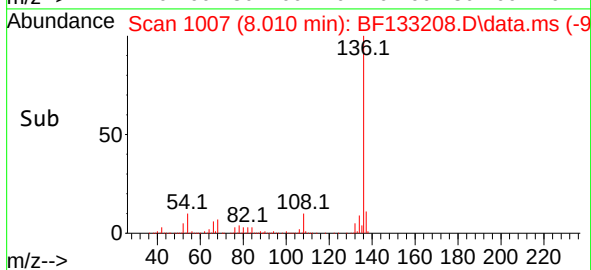
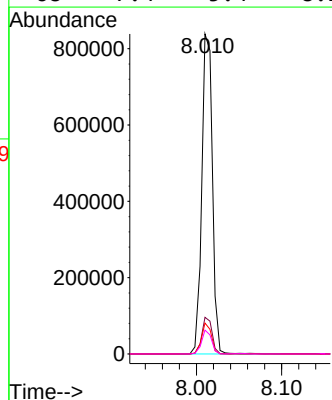
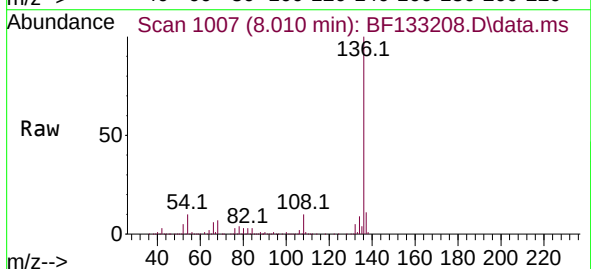
Instrument :
BNA_F
ClientSampleId :
CF-22

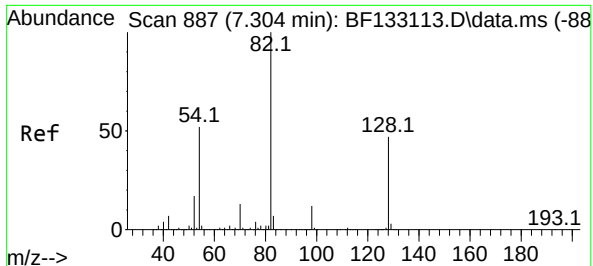
Tgt Ion: 99 Resp: 1252752
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion: 136 Resp: 726755
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.0 10.4
68 7.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 57.664 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

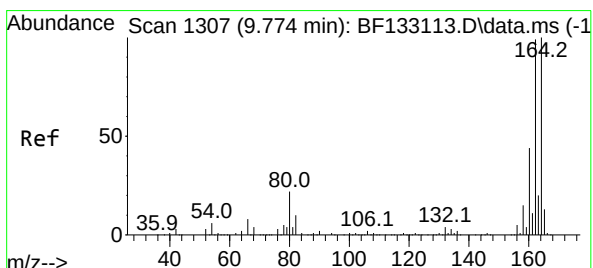
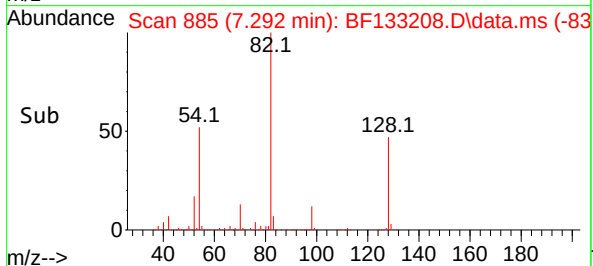
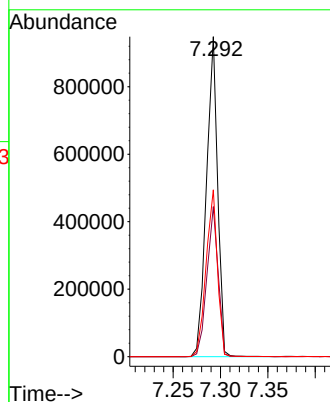
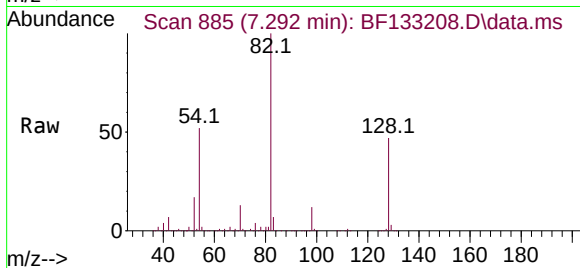
Tgt Ion: 82 Resp: 776401

Ion Ratio Lower Upper

82 100

128 46.9 37.7 56.5

54 52.2 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: BF133208.D

Acq: 03 May 2023 15:40

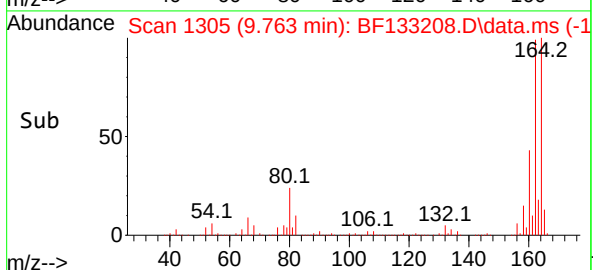
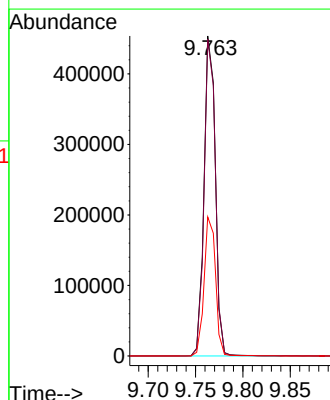
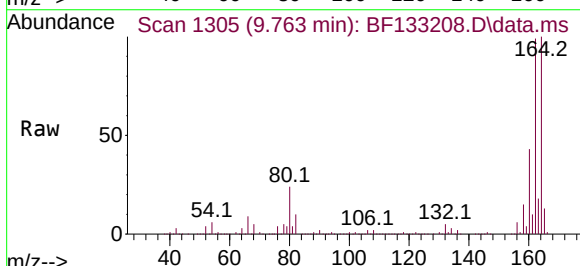
Tgt Ion:164 Resp: 377290

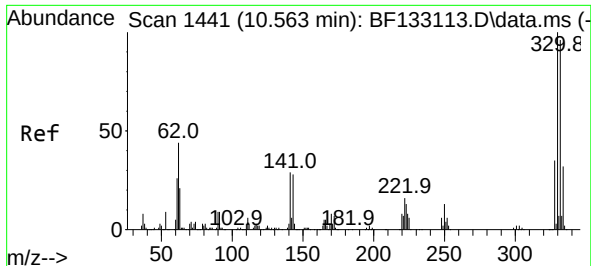
Ion Ratio Lower Upper

164 100

162 99.1 78.7 118.1

160 43.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 22.758 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

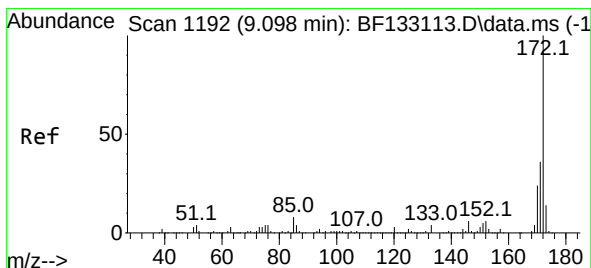
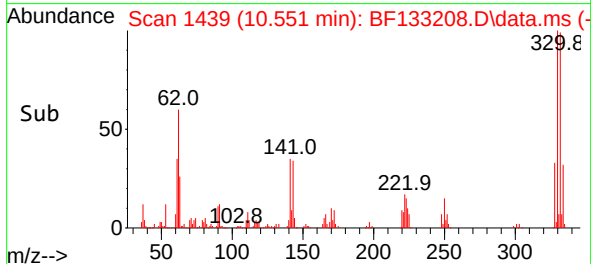
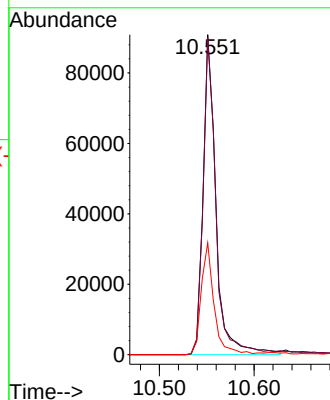
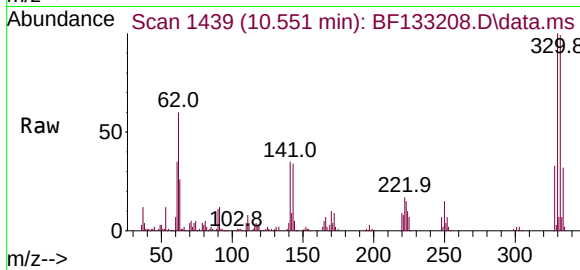
Tgt Ion:330 Resp: 86353

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 35.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.903 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

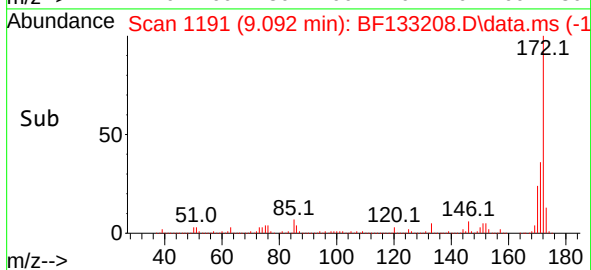
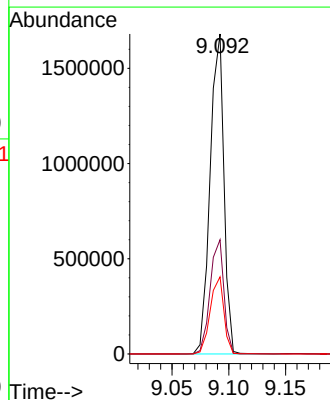
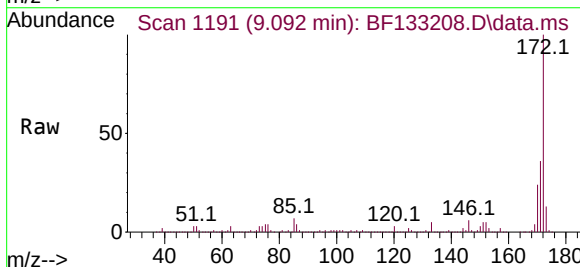
Tgt Ion:172 Resp: 1418580

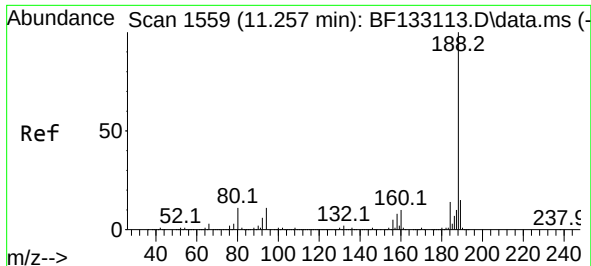
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 19.4 29.2

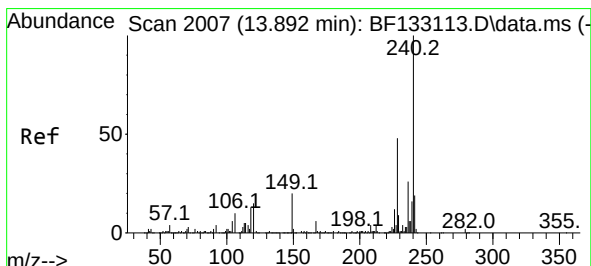
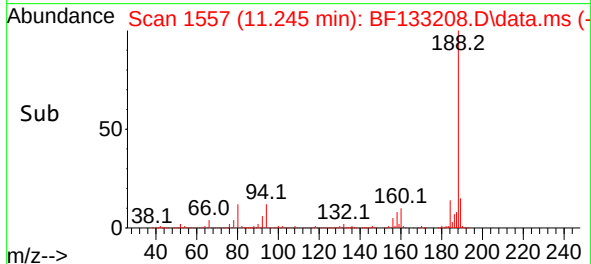
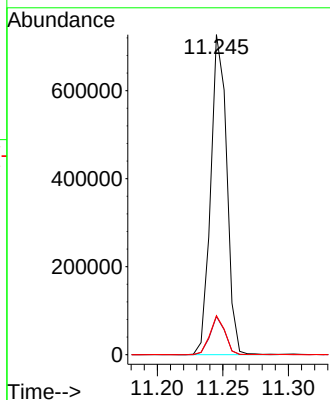
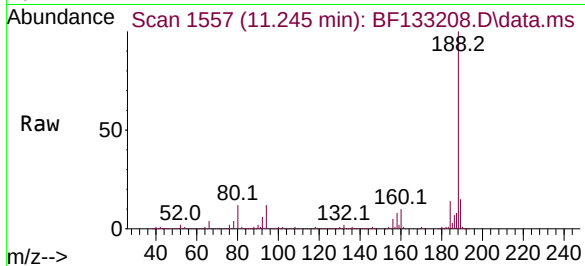




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

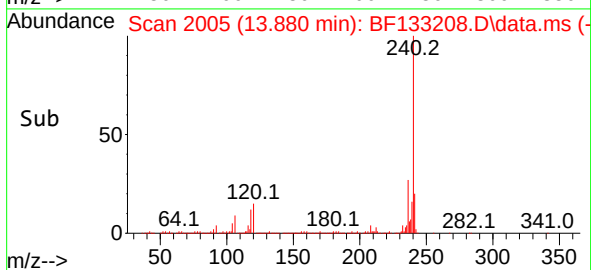
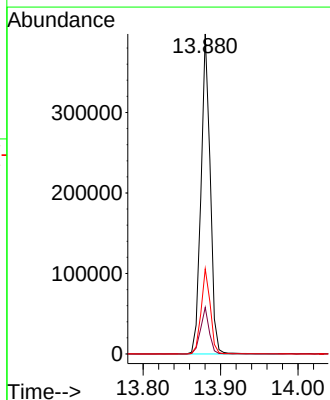
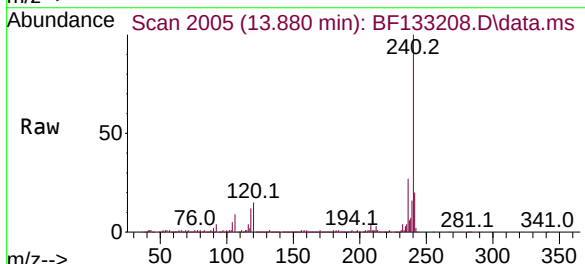
Instrument :
BNA_F
ClientSampleId :
CF-22

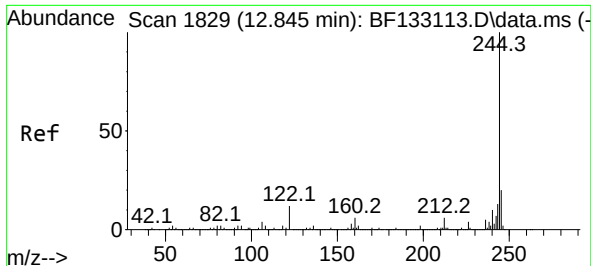
Tgt Ion:188 Resp: 619986
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.2 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion:240 Resp: 327456
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.6 21.5 32.3

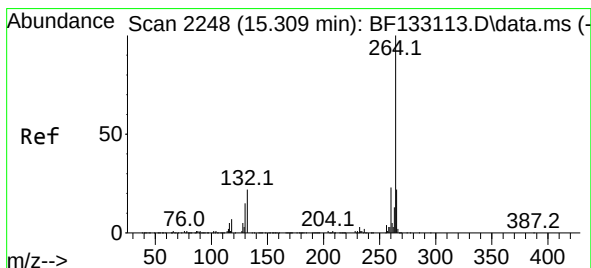
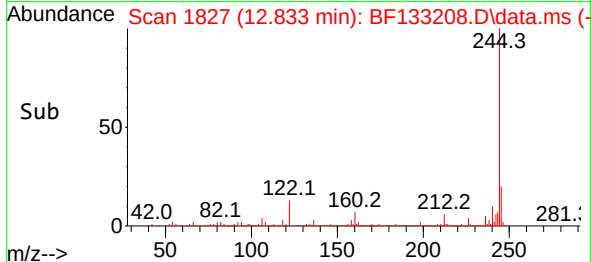
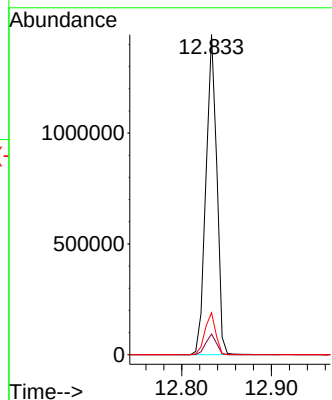
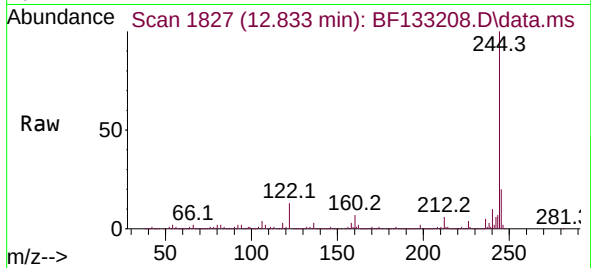




#79
 Terphenyl-d14
 Concen: 63.714 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 CF-22

Tgt Ion:244 Resp: 1209712
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.1 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.000 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

Tgt Ion:264 Resp: 387782
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.0 17.0 25.4

