

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133410.D
 Acq On : 17 May 2023 13:33
 Operator : CG\JU
 Sample : PB152851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152851BL

Quant Time: May 17 13:59:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	314064	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	1322266	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	693875	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	1230275	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	824087	20.000	ng	-0.01
86) Perylene-d12	15.298	264	667073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2326522	111.903	ng	0.01
7) Phenol-d6	6.369	99	2791270	108.166	ng	0.00
23) Nitrobenzene-d5	7.287	82	1737967	70.946	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	729085	104.480	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2945618	71.022	ng	0.00
79) Terphenyl-d14	12.827	244	3300815	69.080	ng	0.00

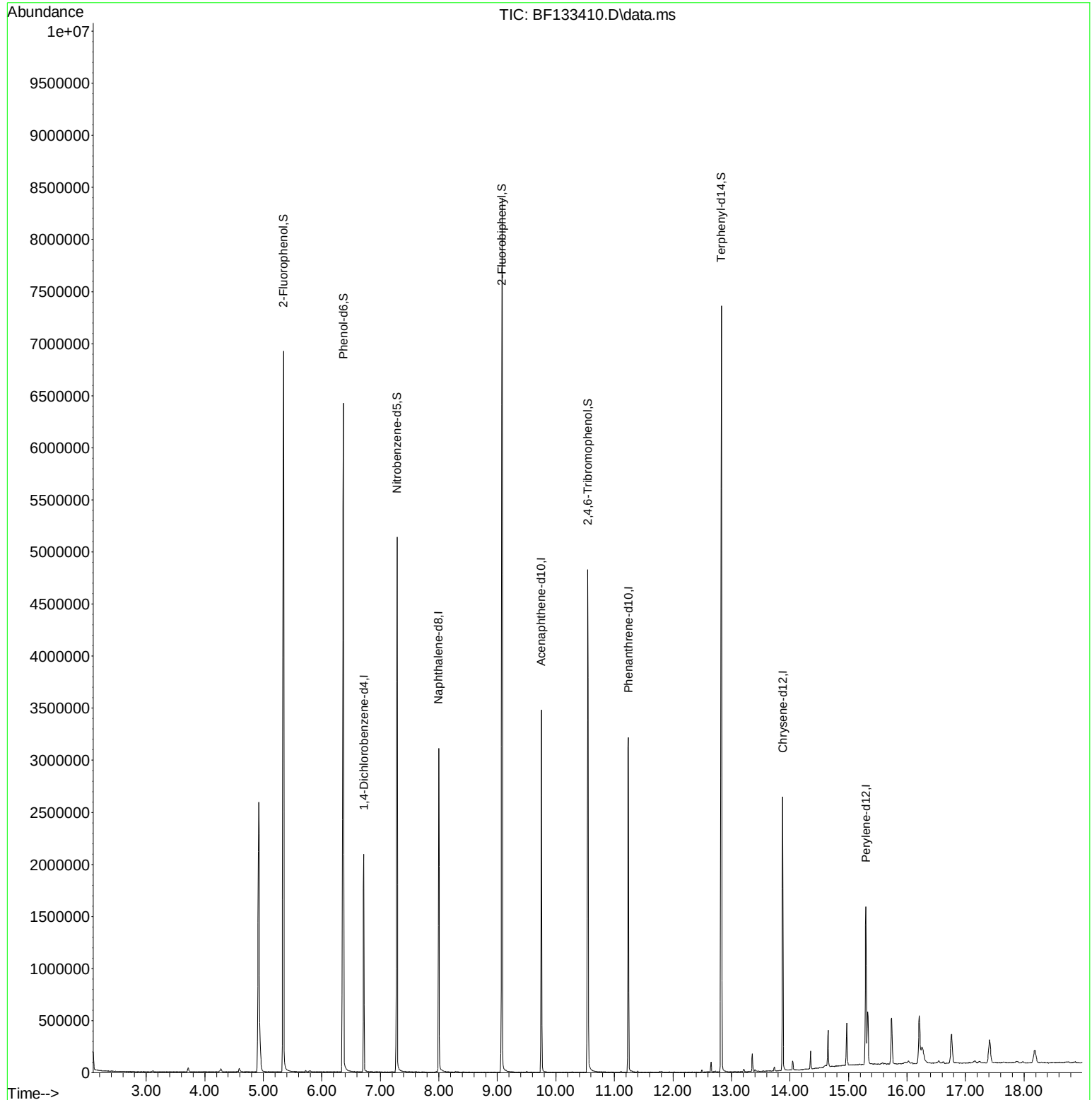
Target Compounds Qvalue

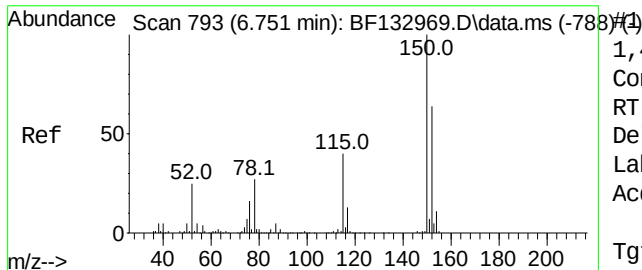
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133410.D
Acq On : 17 May 2023 13:33
Operator : CG\JU
Sample : PB152851BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB152851BL

Quant Time: May 17 13:59:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.716 min Scan#

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

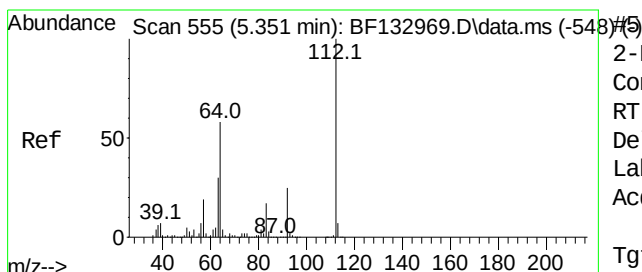
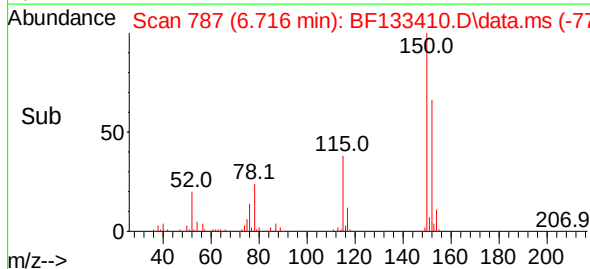
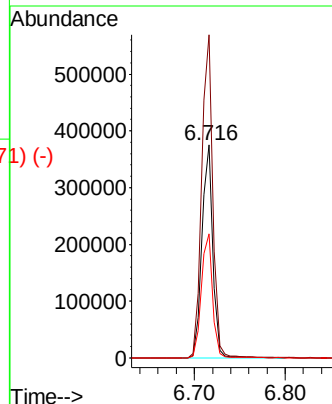
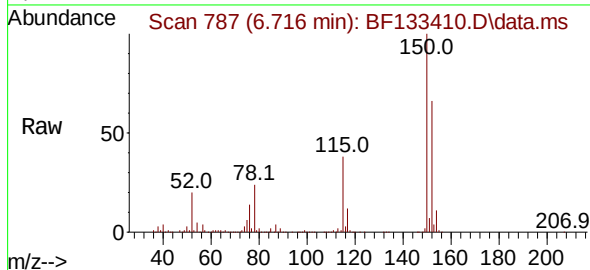
Tgt Ion:152 Resp: 314064

Ion Ratio Lower Upper

152 100

150 151.8 124.8 187.2

115 58.4 49.9 74.9



2-Fluorophenol

Concen: 111.903 ng

RT: 5.346 min Scan# 554

Delta R.T. 0.012 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

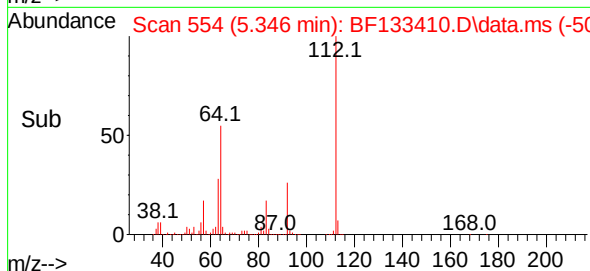
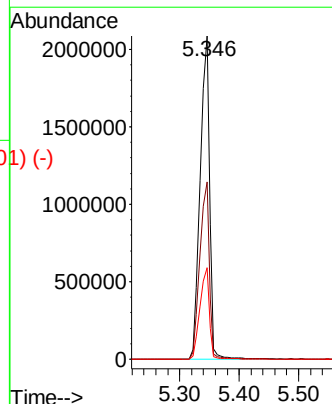
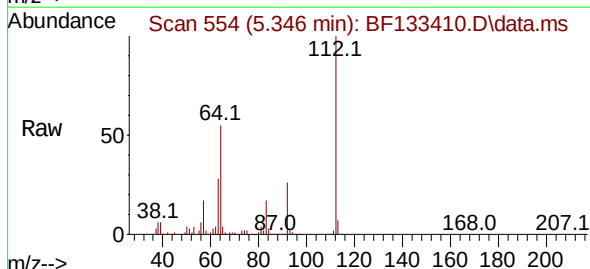
Tgt Ion:112 Resp: 2326522

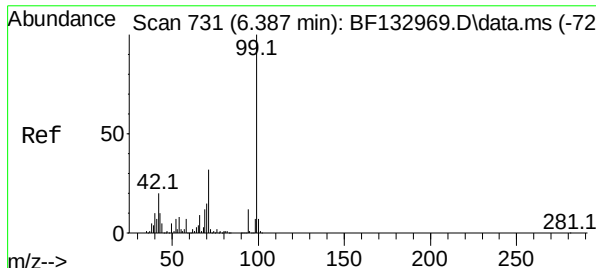
Ion Ratio Lower Upper

112 100

64 54.8 46.8 70.2

63 28.3 23.8 35.8





Phenol-d6

Concen: 108.166 ng

RT: 6.369 min Scan#

Delta R.T. 0.000 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

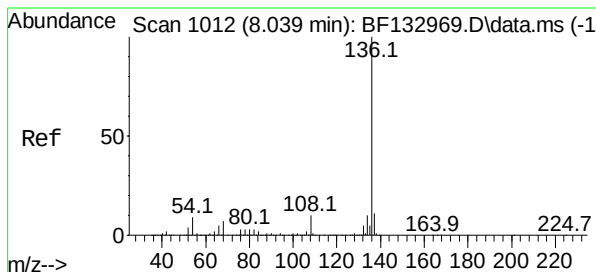
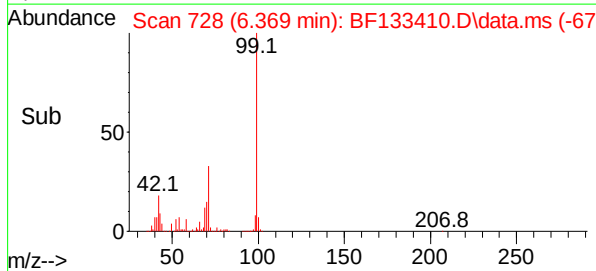
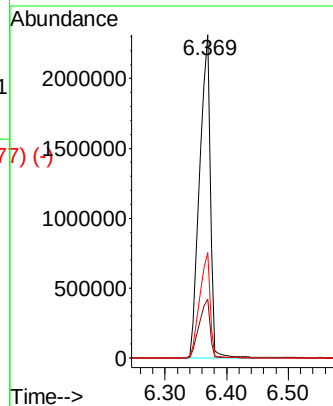
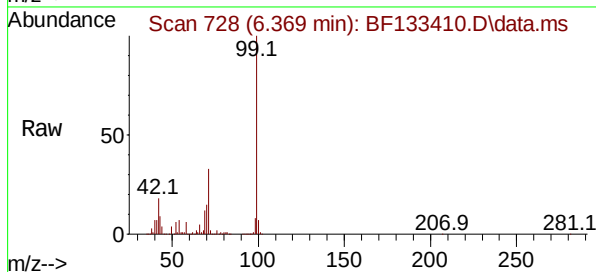
Tgt Ion: 99 Resp: 2791270

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

71 32.7 25.6 38.4



Naphthalene-d8

Concen: 20.000 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Tgt Ion:136 Resp: 1322266

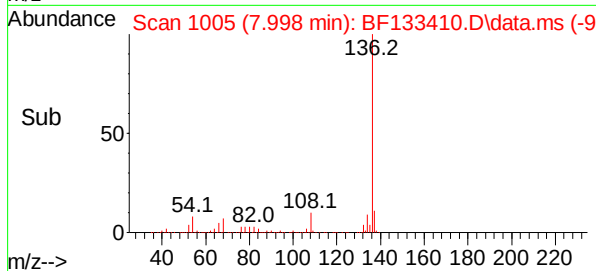
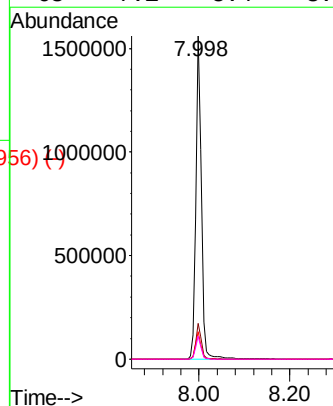
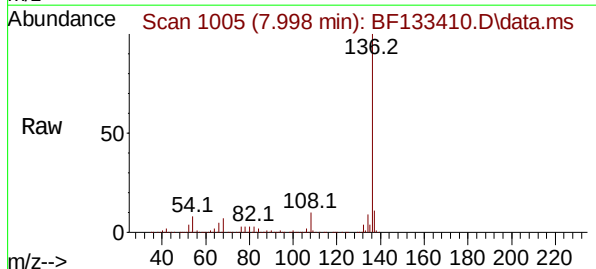
Ion Ratio Lower Upper

136 100

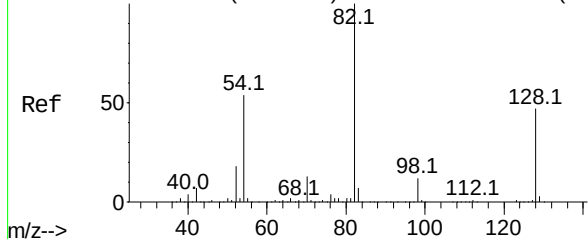
137 11.1 8.6 13.0

54 8.4 7.0 10.4

68 7.1 5.4 8.2



Abundance Scan 890 (7.322 min): BF132969.D\data.ms (-883) (-)



Nitrobenzene-d5

Concen: 70.946 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

Tgt Ion: 82 Resp: 1737967

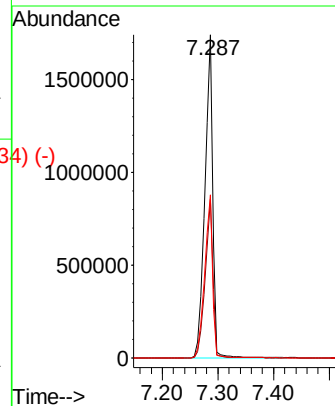
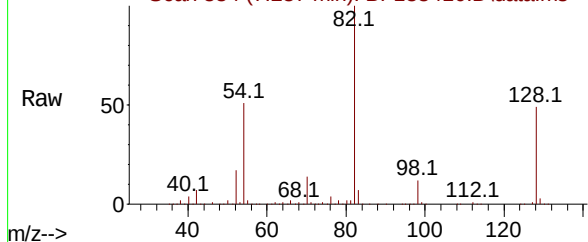
Ion Ratio Lower Upper

82 100

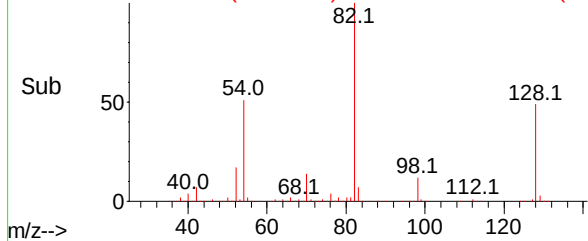
128 49.1 37.7 56.5

54 50.6 43.0 64.4

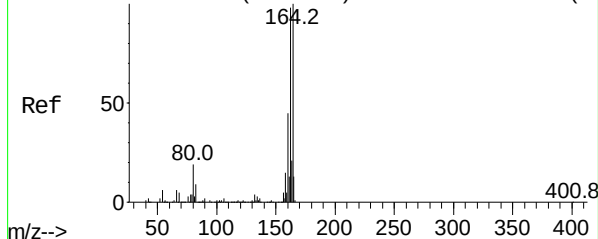
Abundance Scan 884 (7.287 min): BF133410.D\data.ms



Abundance Scan 884 (7.287 min): BF133410.D\data.ms (-834) (-)



Abundance Scan 1310 (9.792 min): BF132969.D\data.ms (-1303) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Tgt Ion:164 Resp: 693875

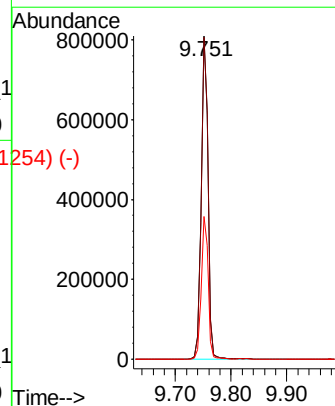
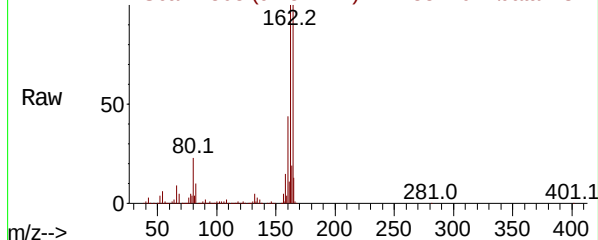
Ion Ratio Lower Upper

164 100

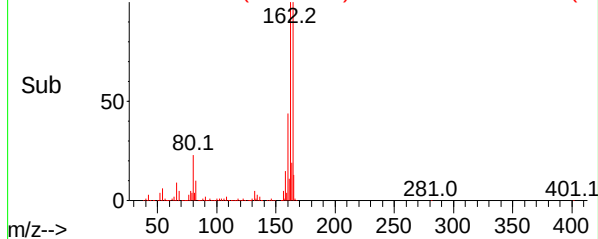
162 99.7 78.7 118.1

160 44.1 35.8 53.6

Abundance Scan 1303 (9.751 min): BF133410.D\data.ms



Abundance Scan 1303 (9.751 min): BF133410.D\data.ms (-1254) (-)



Abundance Scan 1444 (10.580 min): BF132969.D\data.ms (-1444) (-)

2,4,6-Tribromophenol

Concen: 104.480 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133410.D

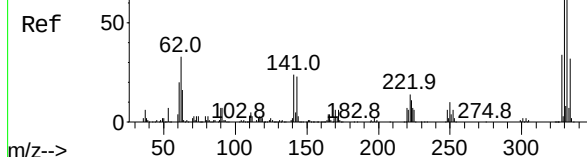
Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL



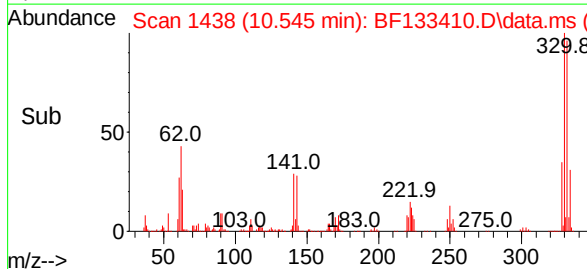
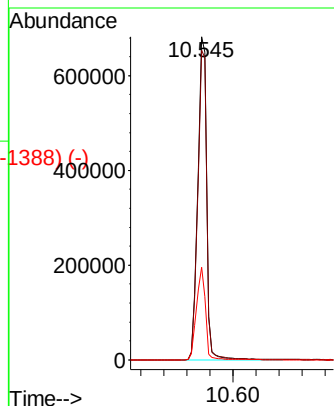
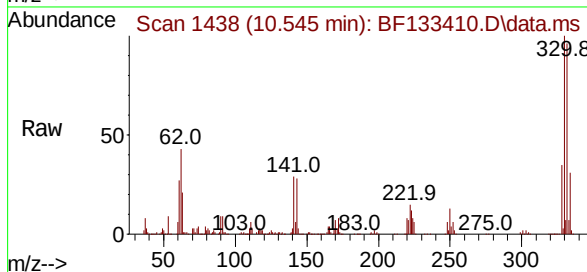
Tgt Ion:330 Resp: 729085

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.3 25.8 38.8



Abundance Scan 1195 (9.116 min): BF132969.D\data.ms (-1195) (-)

2-Fluorobiphenyl

Concen: 71.022 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

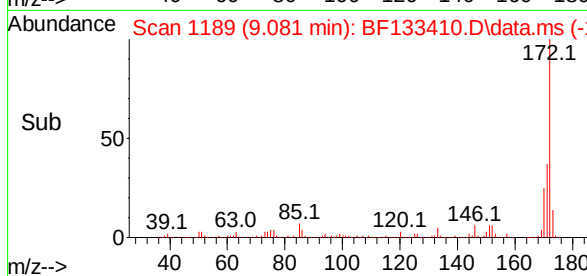
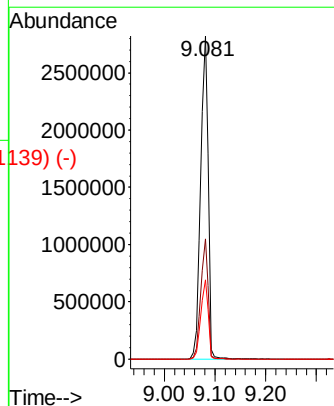
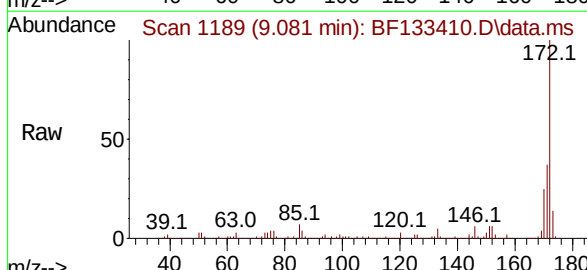
Tgt Ion:172 Resp: 2945618

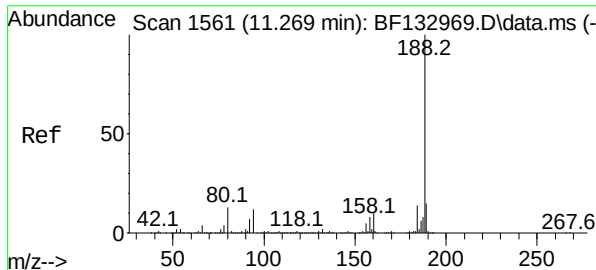
Ion Ratio Lower Upper

172 100

171 37.2 28.8 43.2

170 24.6 19.4 29.2



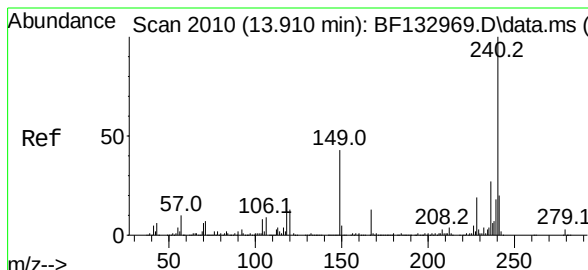
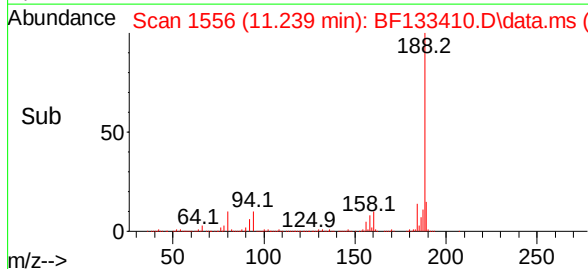
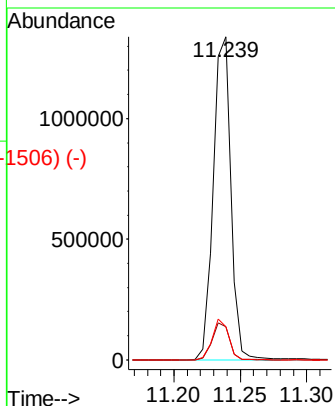
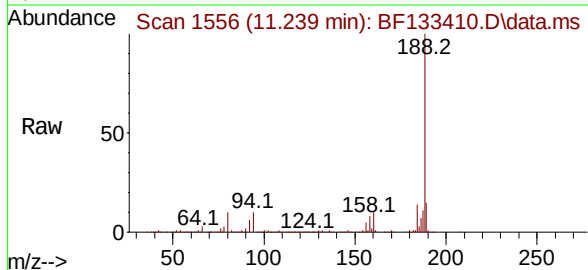


Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.239 min Scan# 1561
 Delta R.T. -0.006 min
 Lab File: BF133410.D
 Acq: 17 May 2023 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB152851BL

Tgt Ion:188 Resp: 1230275

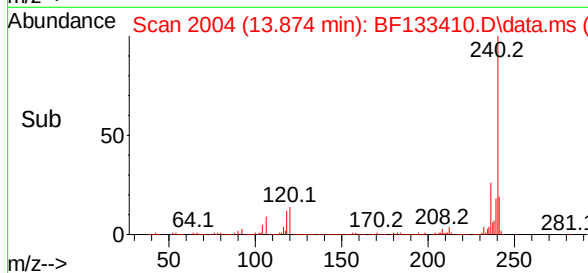
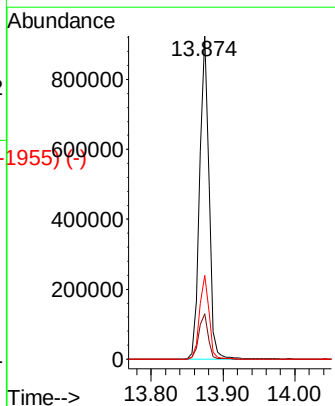
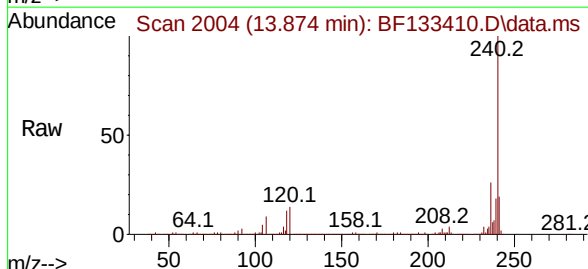
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.7	14.5
80	10.2	10.4	15.6#

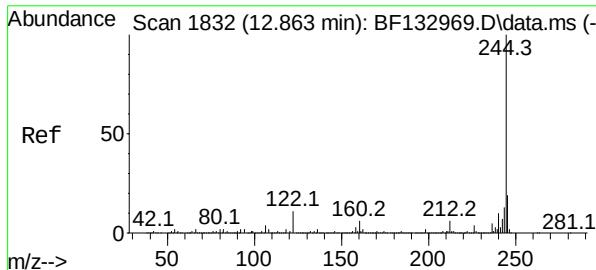


Chrysene-d12
 Concen: 20.000 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. -0.012 min
 Lab File: BF133410.D
 Acq: 17 May 2023 13:33

Tgt Ion:240 Resp: 824087

Ion	Ratio	Lower	Upper
240	100		
120	14.0	10.5	15.7
236	25.9	21.5	32.3





Terphenyl-d14

Concen: 69.080 ng

RT: 12.827 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

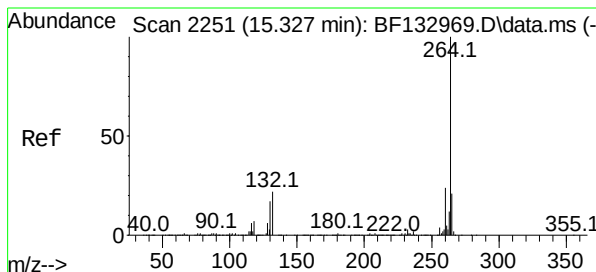
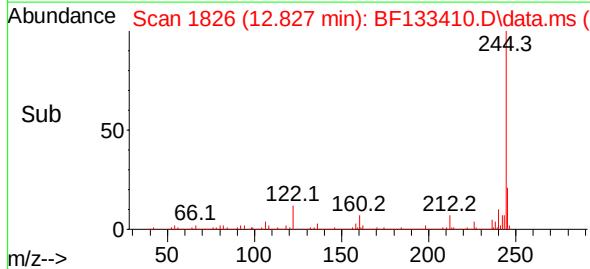
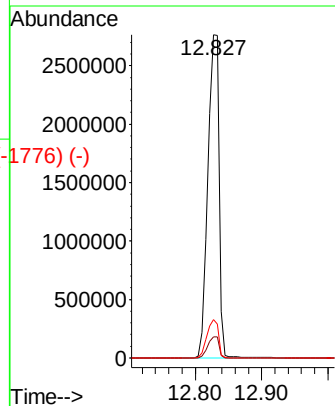
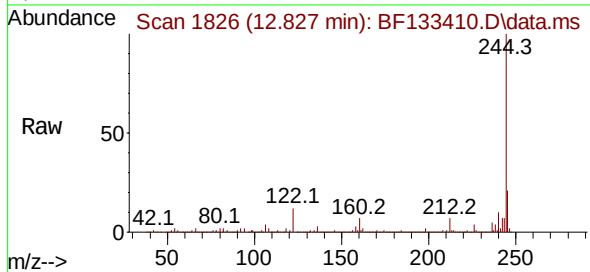
Tgt Ion:244 Resp: 3300815

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.9 8.6 13.0



Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Tgt Ion:264 Resp: 667073

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.9 17.0 25.4

