

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135571.D
 Acq On : 04 Oct 2023 15:01
 Operator : CG\JU
 Sample : 04652-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS6-COMP

Quant Time: Oct 04 15:23:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 14:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	127365	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	489524	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	200632	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	473671	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	214490	20.000	ng	0.00
86) Perylene-d12	15.386	264	49472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	992280	126.714	ng	0.01
7) Phenol-d6	6.387	99	1093215	109.789	ng	0.00
23) Nitrobenzene-d5	7.304	82	823363	91.380	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	314267	157.622	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1406266	105.749	ng	0.00
79) Terphenyl-d14	12.863	244	1454561	105.126	ng	0.00

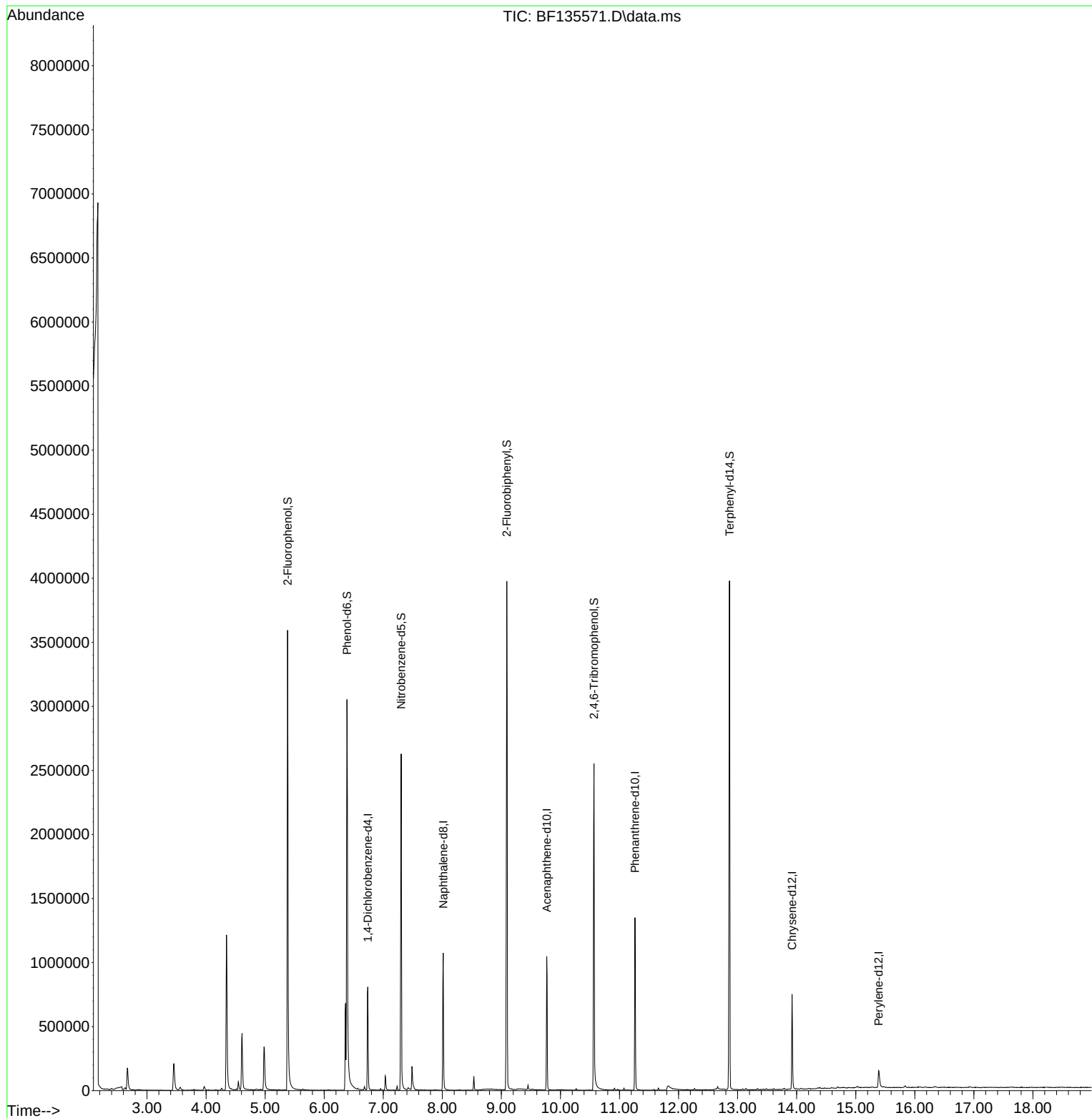
Target Compounds	Qvalue

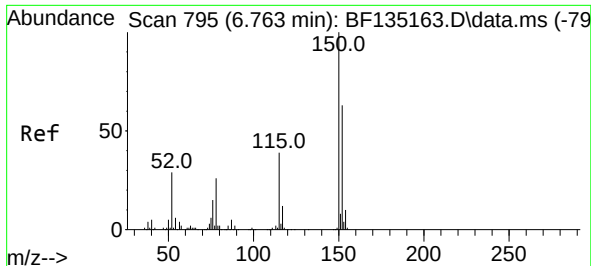
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135571.D
Acq On : 04 Oct 2023 15:01
Operator : CG\JU
Sample : 04652-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IS6-COMP

Quant Time: Oct 04 15:23:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 14:41:55 2023
Response via : Initial Calibration

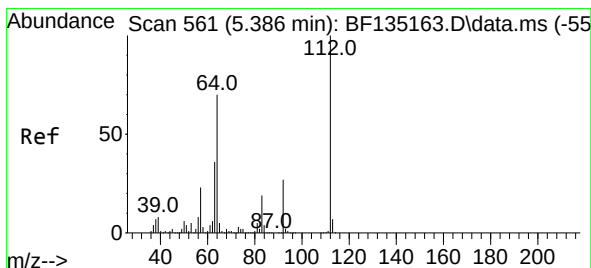
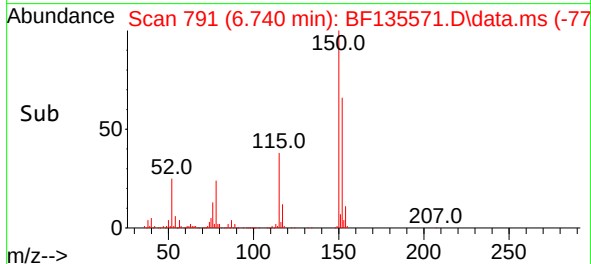
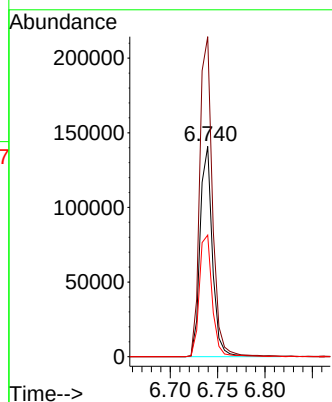
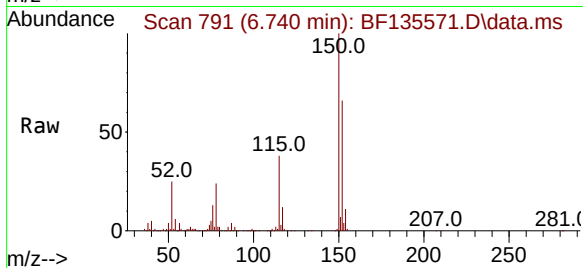




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135571.D
Acq: 04 Oct 2023 15:01

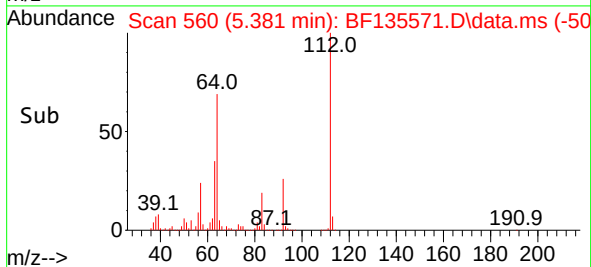
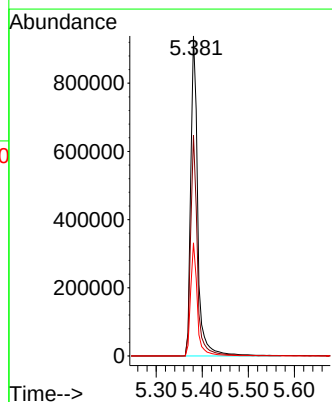
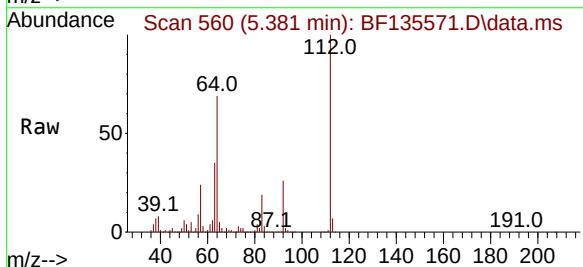
Instrument :
BNA_F
ClientSampleId :
IS6-COMP

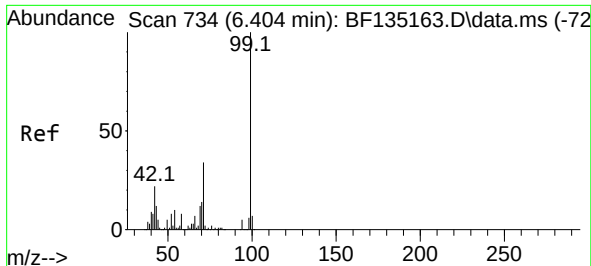
Tgt Ion:152 Resp: 127365
Ion Ratio Lower Upper
152 100
150 152.2 127.8 191.6
115 57.8 49.8 74.8



#5
2-Fluorophenol
Concen: 126.714 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135571.D
Acq: 04 Oct 2023 15:01

Tgt Ion:112 Resp: 992280
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.3 29.0 43.6





#7

Phenol-d6

Concen: 109.789 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

Instrument :

BNA_F

ClientSampleId :

IS6-COMP

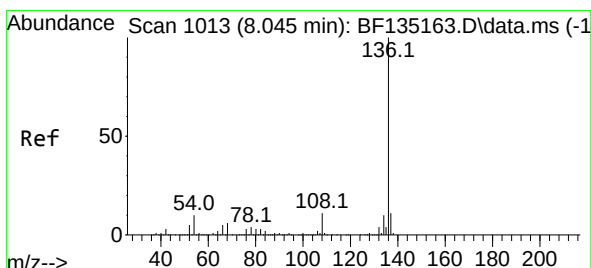
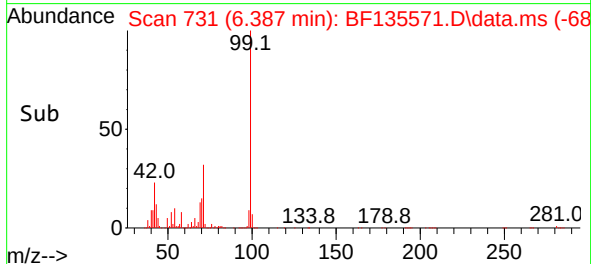
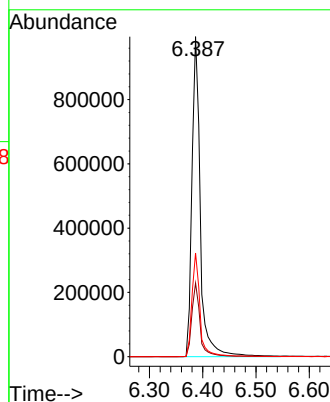
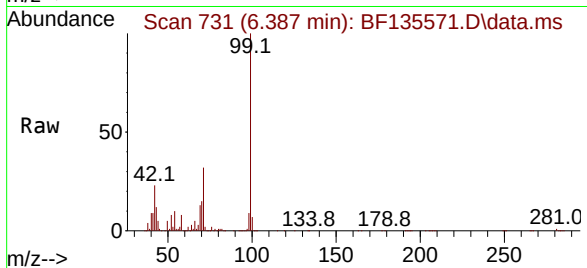
Tgt Ion: 99 Resp: 1093215

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 32.4 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

Tgt Ion:136 Resp: 489524

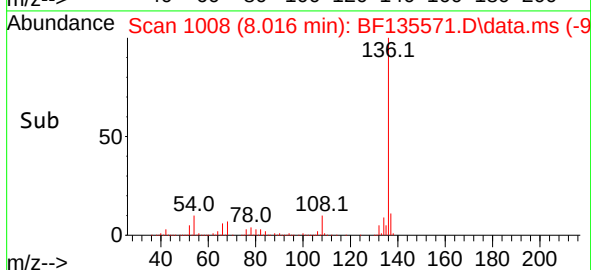
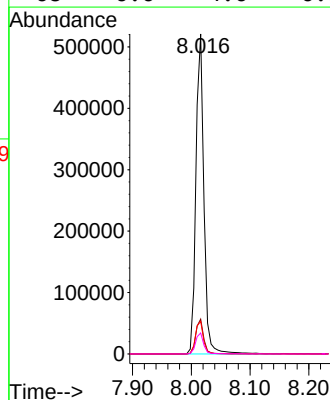
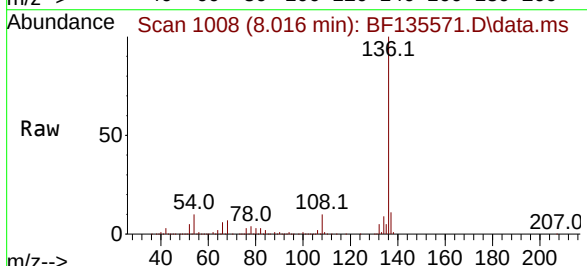
Ion Ratio Lower Upper

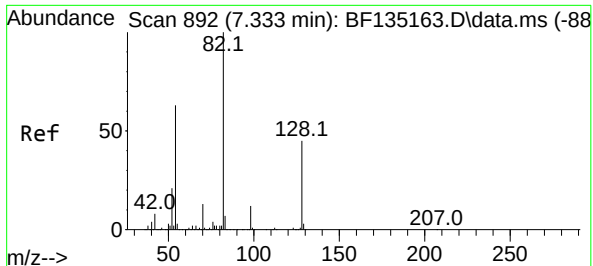
136 100

137 10.9 8.8 13.2

54 10.1 7.7 11.5

68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.380 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

Instrument :

BNA_F

ClientSampleId :

IS6-COMP

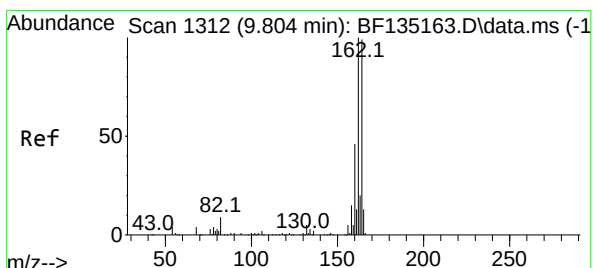
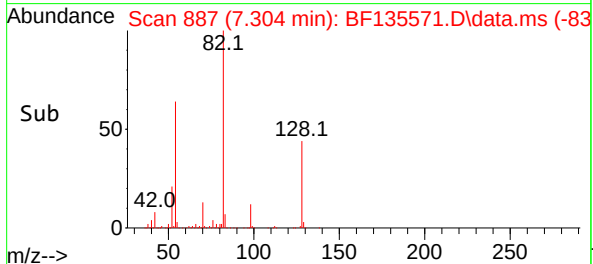
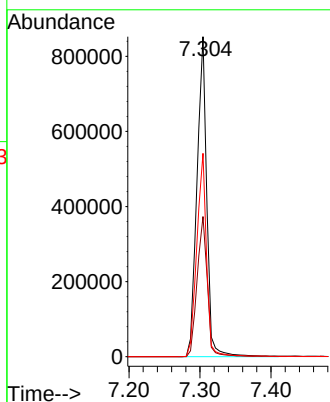
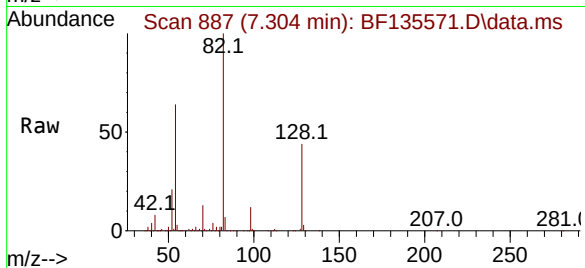
Tgt Ion: 82 Resp: 823363

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 63.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

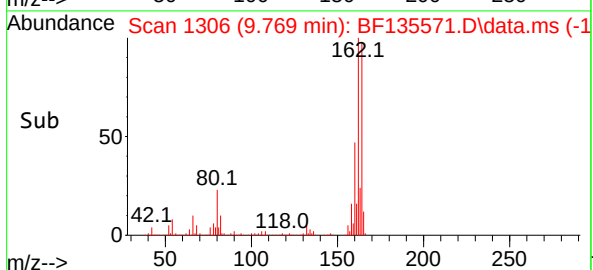
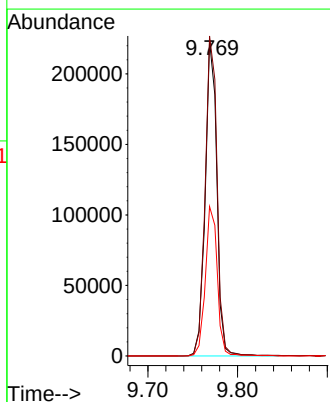
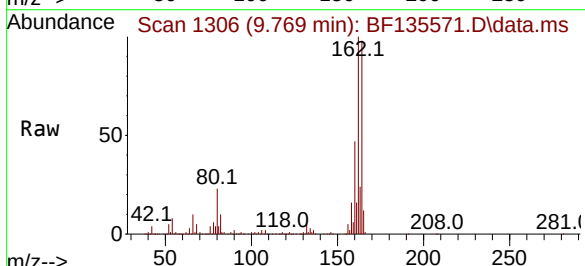
Tgt Ion: 164 Resp: 200632

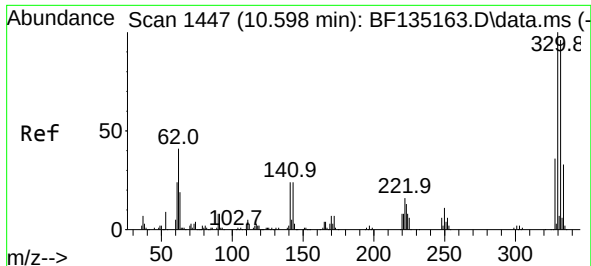
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 47.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 157.622 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

Instrument :

BNA_F

ClientSampleId :

IS6-COMP

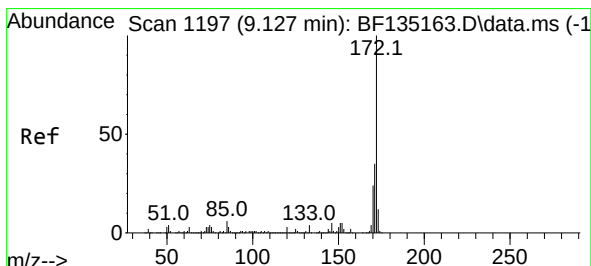
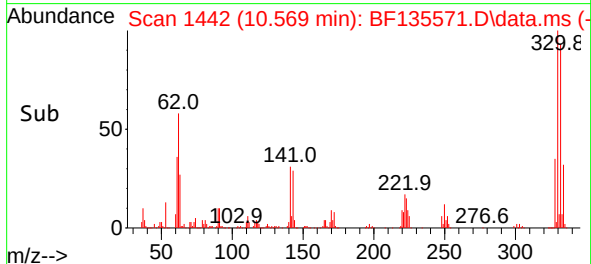
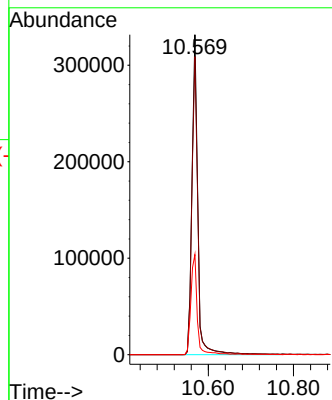
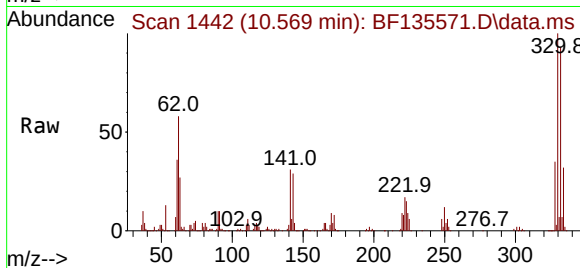
Tgt Ion:330 Resp: 314267

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 105.749 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

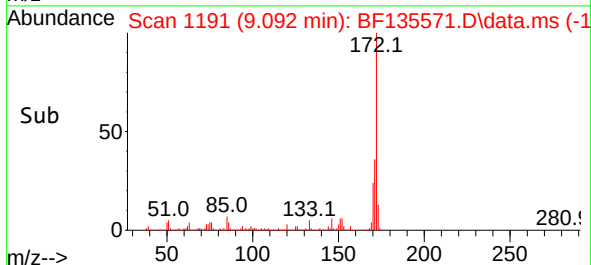
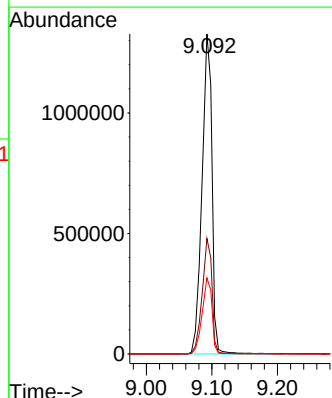
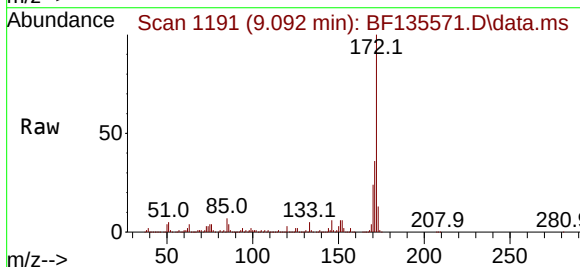
Tgt Ion:172 Resp: 1406266

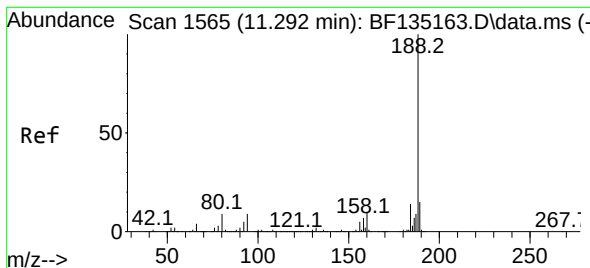
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

Instrument :

BNA_F

ClientSampleId :

IS6-COMP

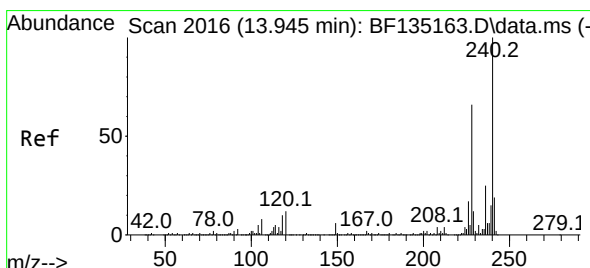
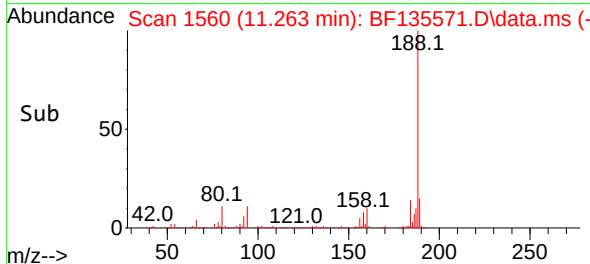
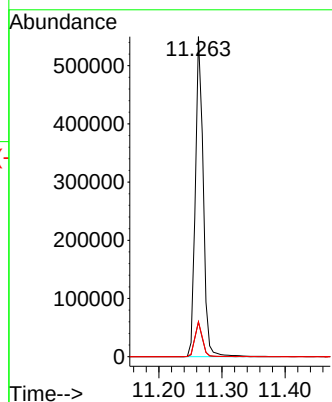
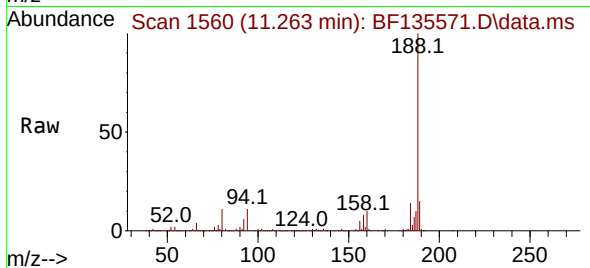
Tgt Ion:188 Resp: 473671

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 10.9 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135571.D

Acq: 04 Oct 2023 15:01

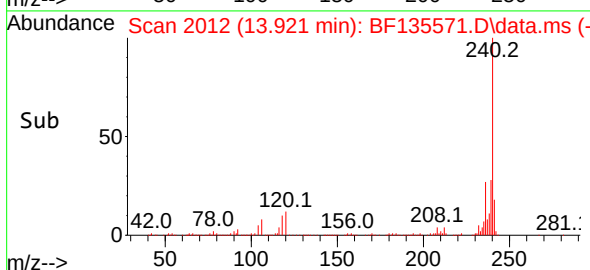
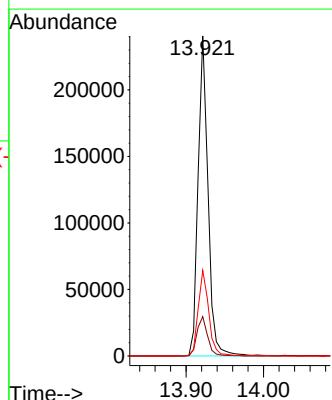
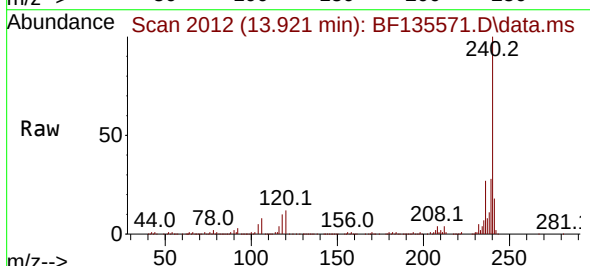
Tgt Ion:240 Resp: 214490

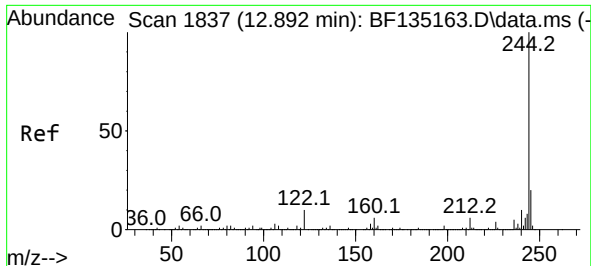
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

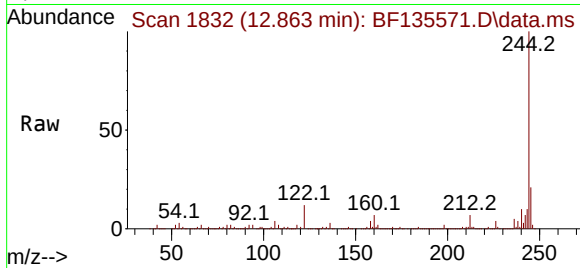
236 26.8 19.8 29.8



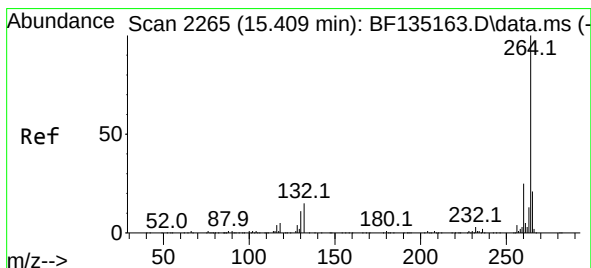
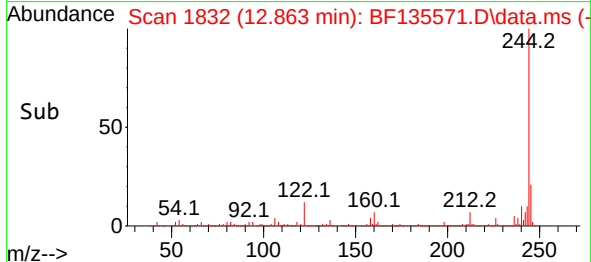
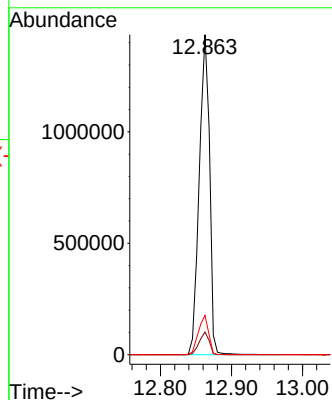


#79
 Terphenyl-d14
 Concen: 105.126 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135571.D
 Acq: 04 Oct 2023 15:01

Instrument :
 BNA_F
 ClientSampleId :
 IS6-COMP



Tgt Ion:244 Resp: 1454561
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.3 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135571.D
 Acq: 04 Oct 2023 15:01

Tgt Ion:264 Resp: 49472
 Ion Ratio Lower Upper
 264 100
 260 29.4 19.8 29.6
 265 20.8 17.0 25.4

