

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135611.D
 Acq On : 05 Oct 2023 21:19
 Operator : CG\JU
 Sample : 04714-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 06 03:48:02 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 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129335	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	478667	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	214298	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	309941	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	257842	20.000	ng	0.00
86) Perylene-d12	15.392	264	285377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	848381	106.688	ng	0.01
7) Phenol-d6	6.392	99	1025000	101.370	ng	0.00
23) Nitrobenzene-d5	7.304	82	624440	70.875	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	182035	85.478	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1055279	74.295	ng	0.00
79) Terphenyl-d14	12.863	244	805914	48.453	ng	0.00

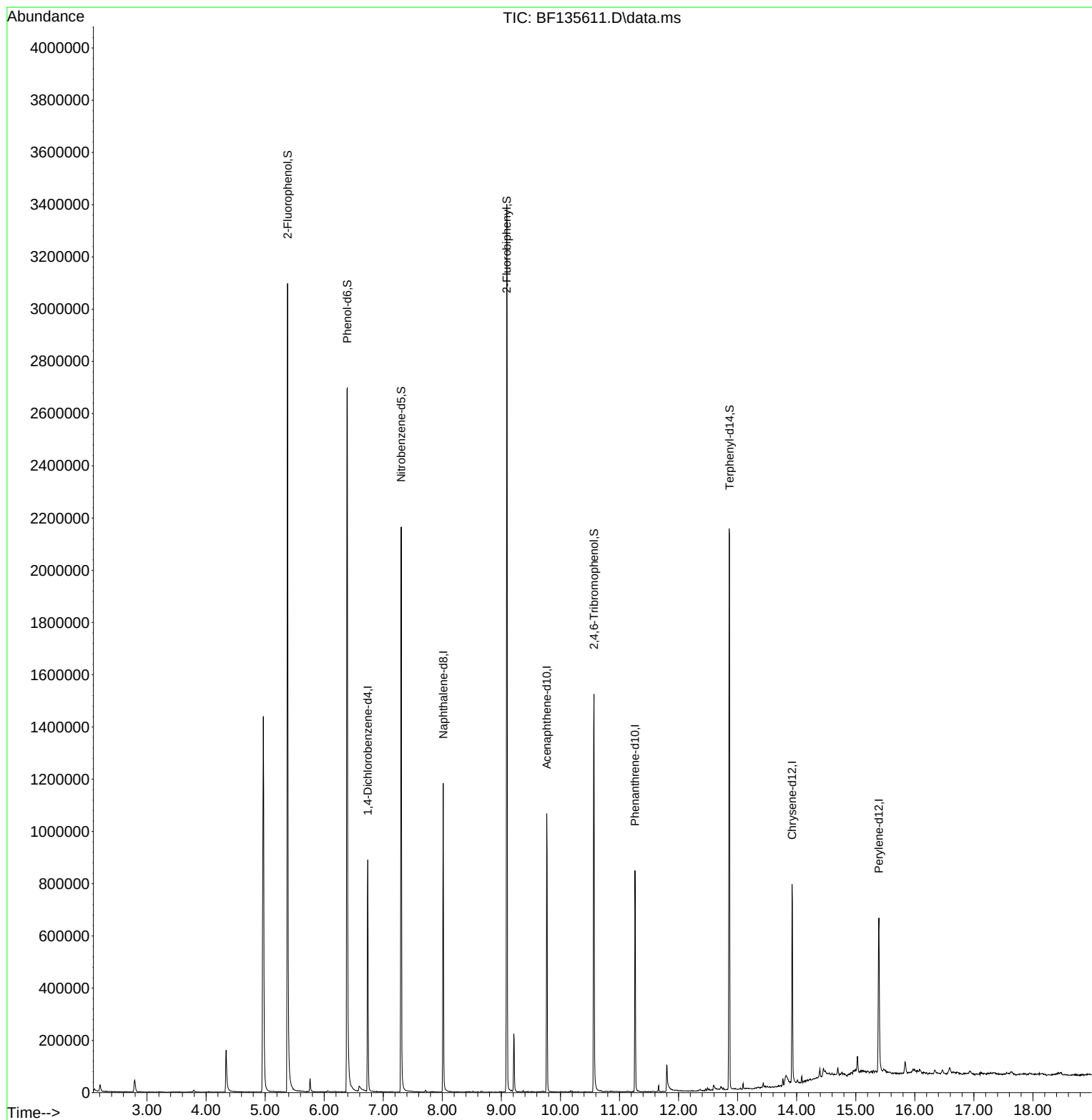
Target Compounds	Qvalue

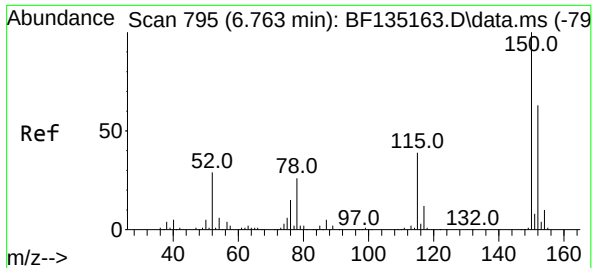
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135611.D
Acq On : 05 Oct 2023 21:19
Operator : CG\JU
Sample : 04714-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Oct 06 03:48:02 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 17:06:20 2023
Response via : Initial Calibration

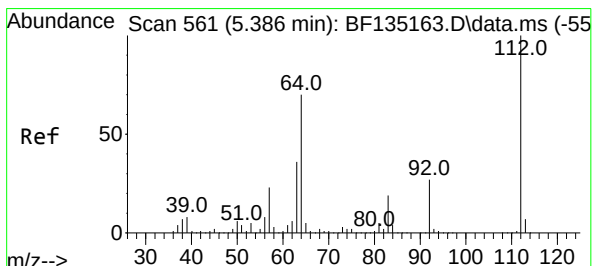
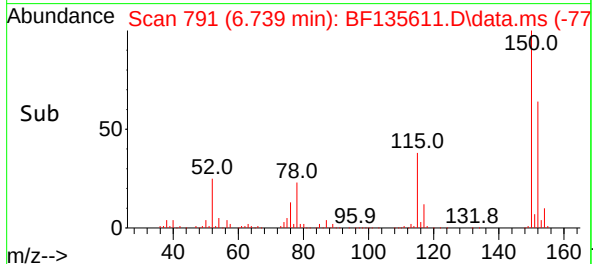
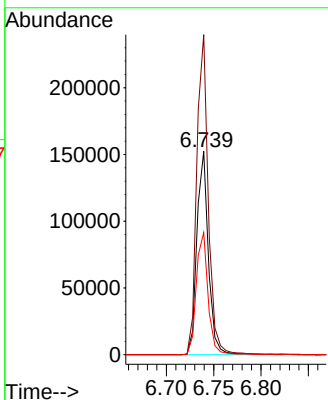
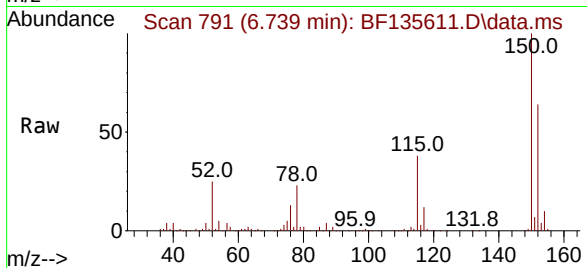




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

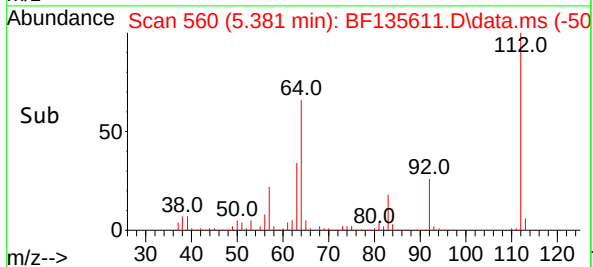
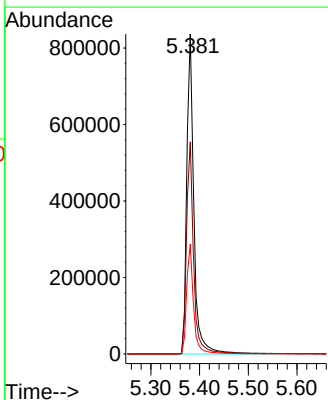
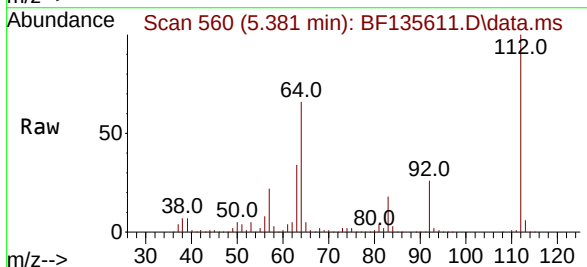
Instrument :
BNA_F
ClientSampleId :
TP-2

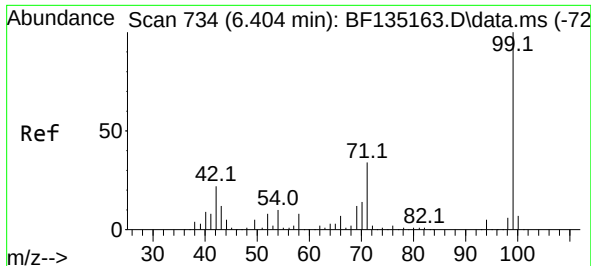
Tgt Ion:152 Resp: 129335
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 106.688 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion:112 Resp: 848381
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 34.3 29.0 43.6

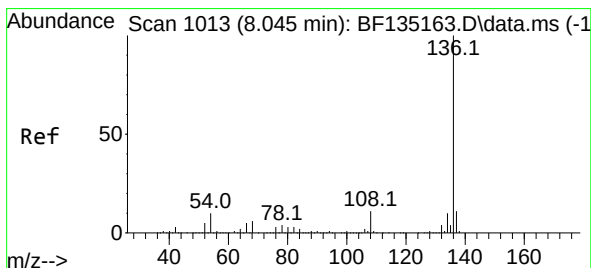
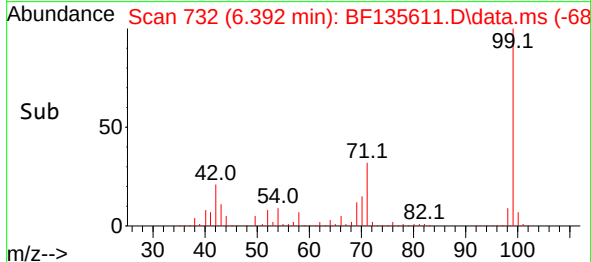
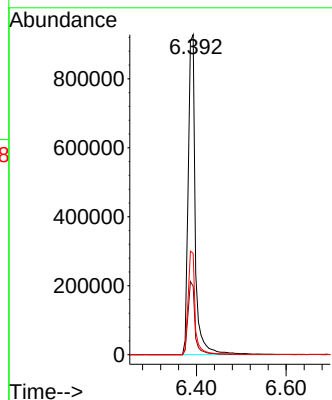
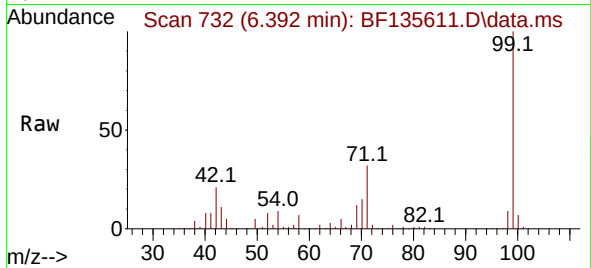




#7
Phenol-d6
Concen: 101.370 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

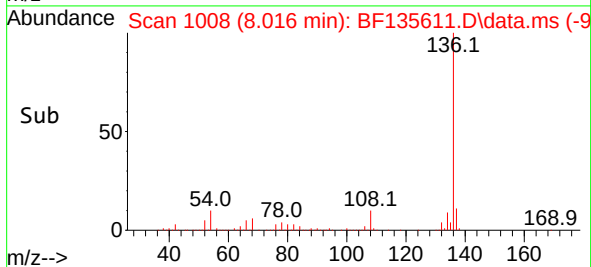
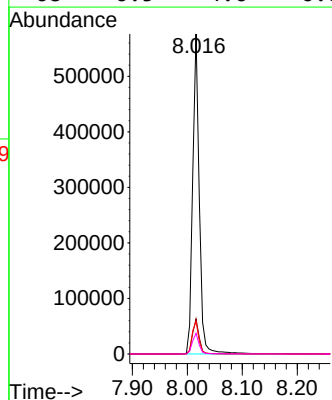
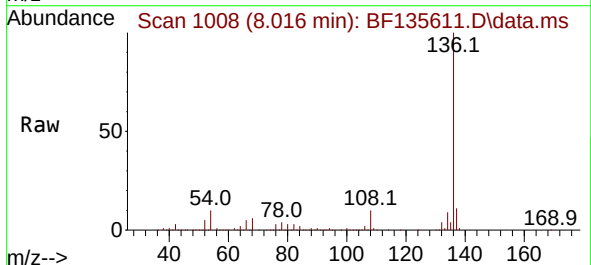
Instrument :
BNA_F
ClientSampleId :
TP-2

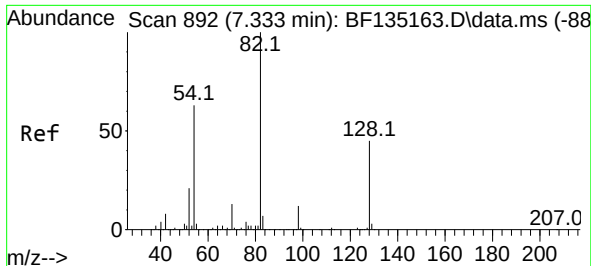
Tgt Ion: 99 Resp: 1025000
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 31.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion:136 Resp: 478667
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 70.875 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

Instrument :

BNA_F

ClientSampleId :

TP-2

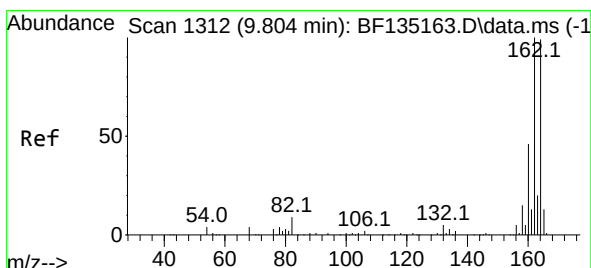
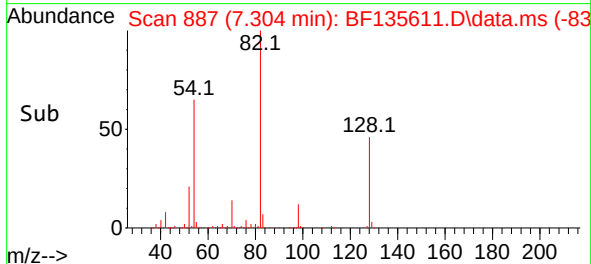
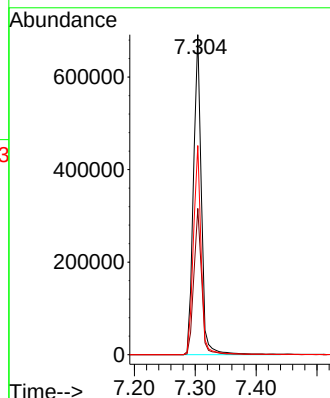
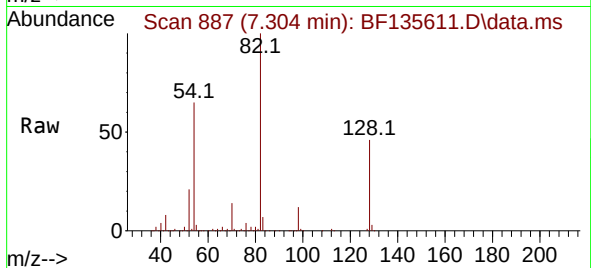
Tgt Ion: 82 Resp: 624440

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.6

54 65.3 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: BF135611.D

Acq: 05 Oct 2023 21:19

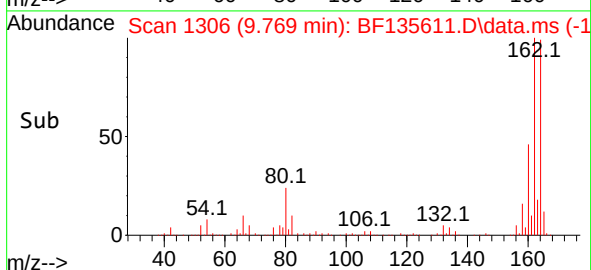
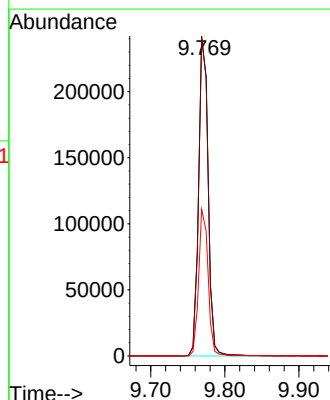
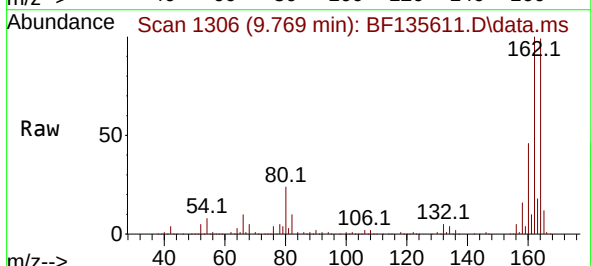
Tgt Ion:164 Resp: 214298

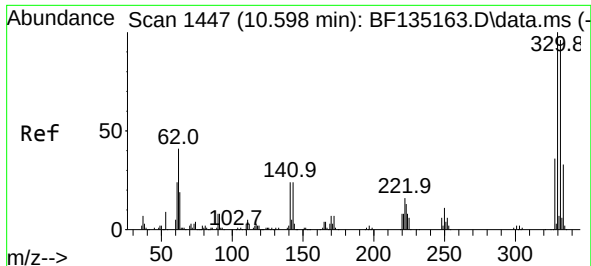
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 85.478 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

Instrument :

BNA_F

ClientSampleId :

TP-2

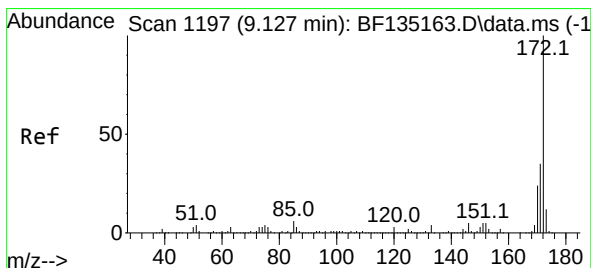
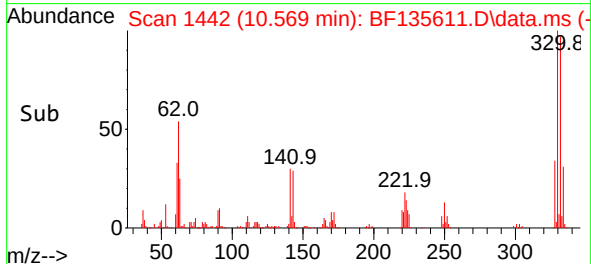
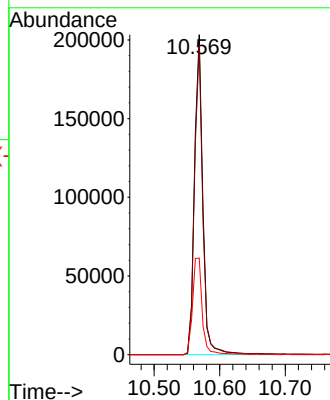
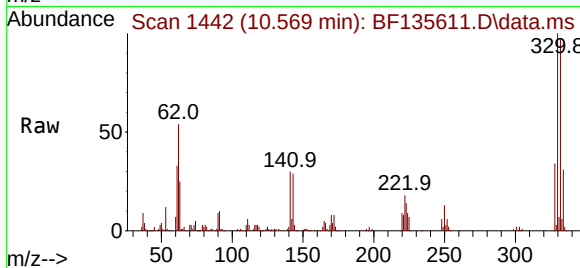
Tgt Ion:330 Resp: 182035

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 34.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.295 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

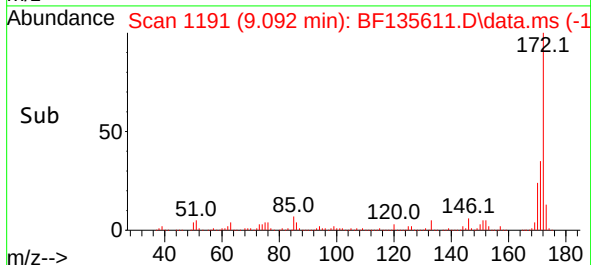
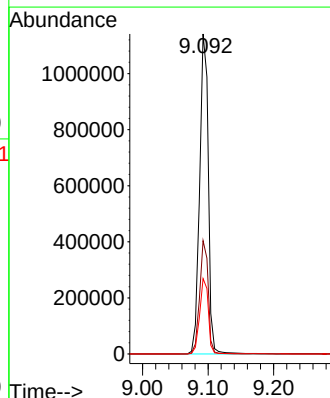
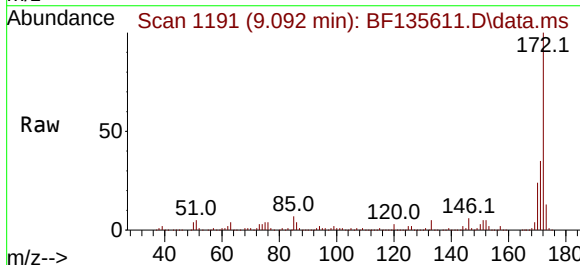
Tgt Ion:172 Resp: 1055279

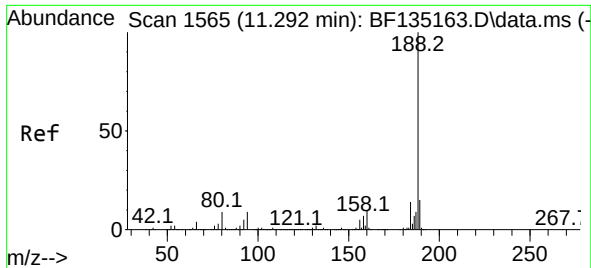
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.0 28.4

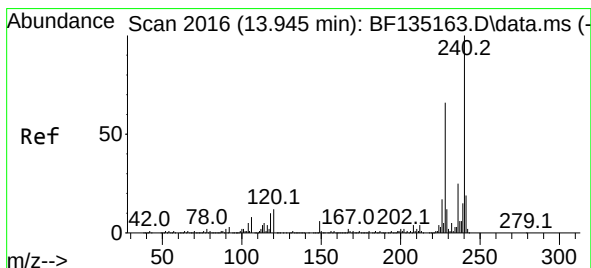
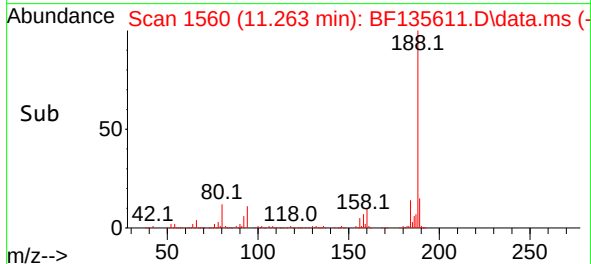
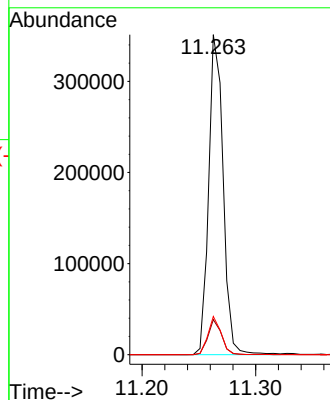
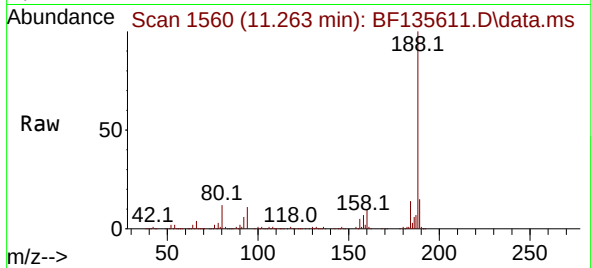




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

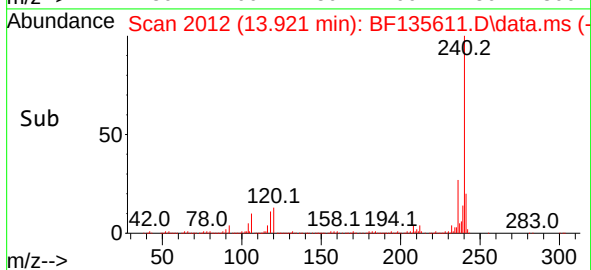
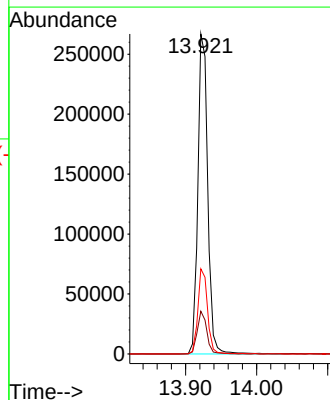
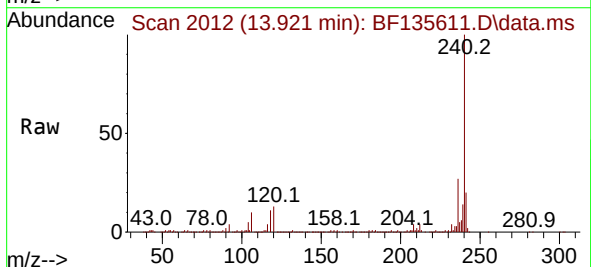
Instrument :
BNA_F
ClientSampleId :
TP-2

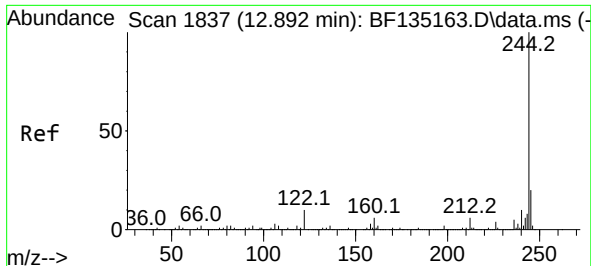
Tgt Ion:188 Resp: 309941
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

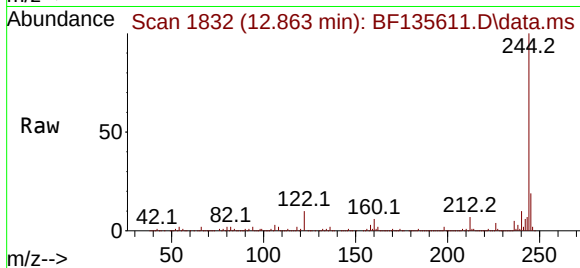
Tgt Ion:240 Resp: 257842
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 26.6 19.8 29.8



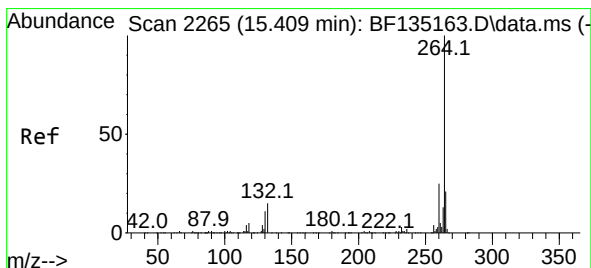
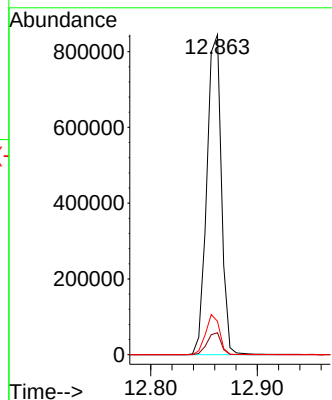
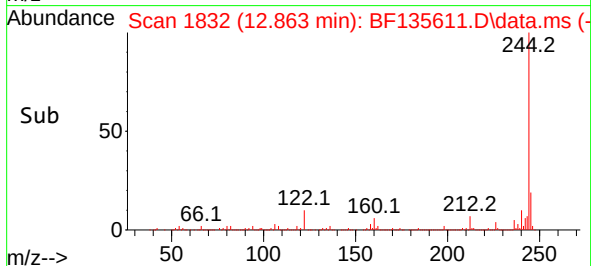


#79
 Terphenyl-d14
 Concen: 48.453 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135611.D
 Acq: 05 Oct 2023 21:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-2



Tgt Ion:244 Resp: 805914
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135611.D
 Acq: 05 Oct 2023 21:19

Tgt Ion:264 Resp: 285377
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.5 17.0 25.4

