

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135728.D
 Acq On : 12 Oct 2023 11:49
 Operator : CG\JU
 Sample : 04814-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Quant Time: Oct 12 15:38:44 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	85478	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	312088	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	141484	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	255357	20.000	ng	0.00
76) Chrysene-d12	13.933	240	165234	20.000	ng	0.00
86) Perylene-d12	15.409	264	143413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	266450	50.699	ng	0.01
7) Phenol-d6	6.392	99	571202	85.475	ng	0.00
23) Nitrobenzene-d5	7.304	82	399942	69.623	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	36882	26.232	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	724089	77.214	ng	0.00
79) Terphenyl-d14	12.868	244	615188	57.716	ng	0.00

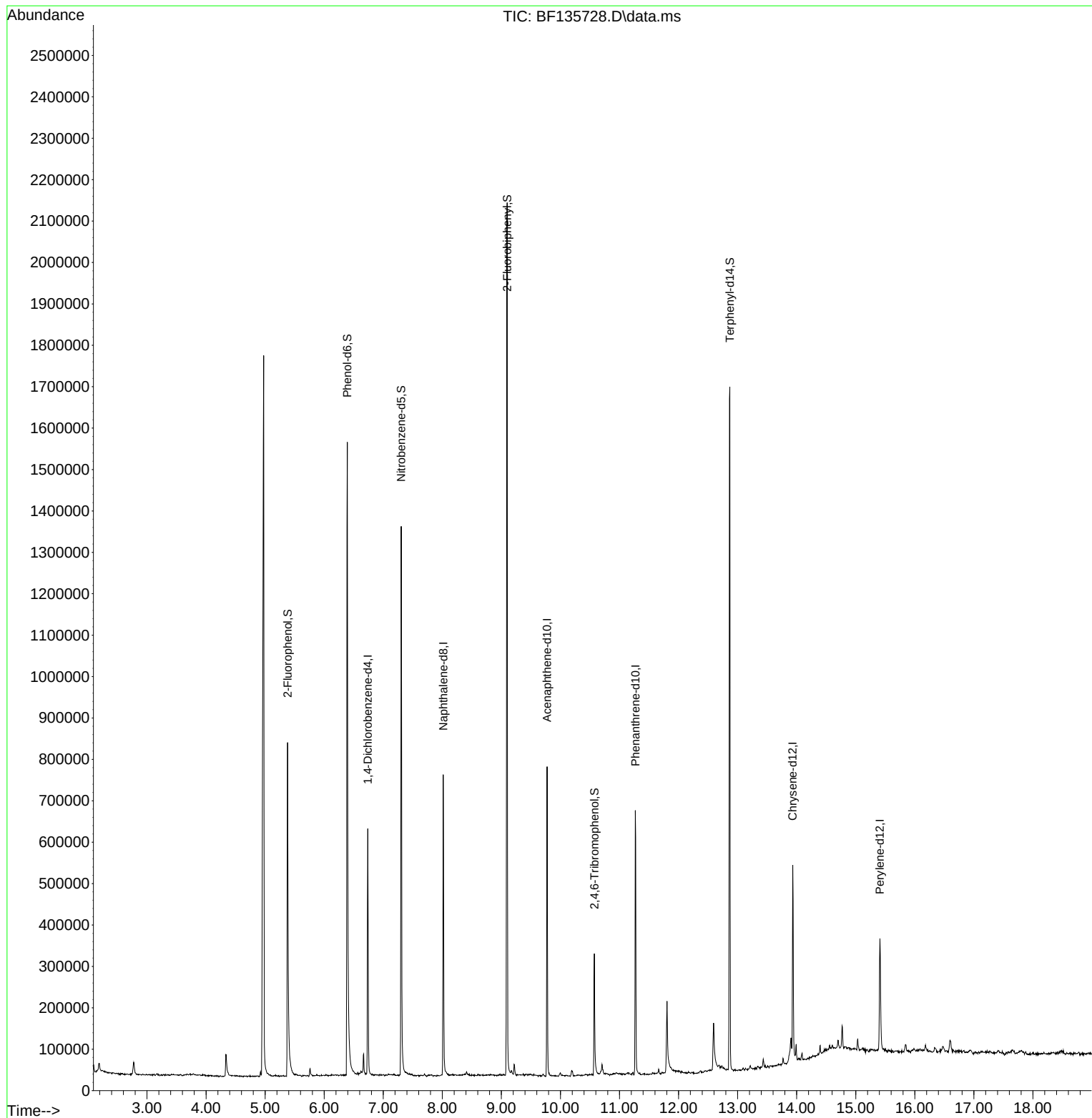
Target Compounds	Qvalue

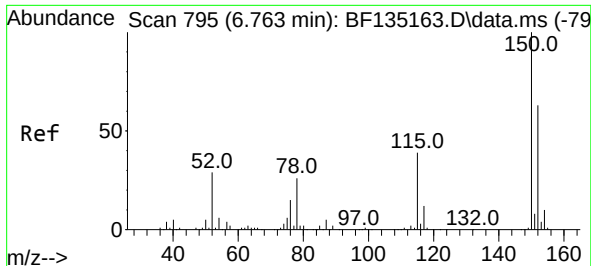
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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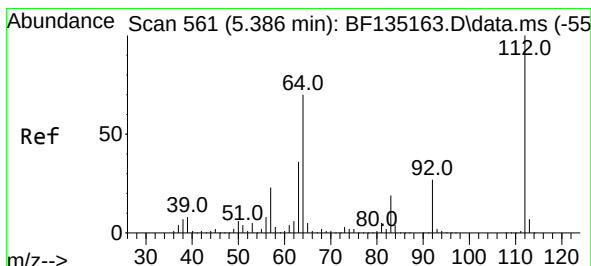
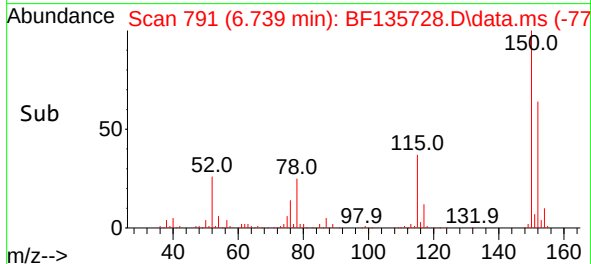
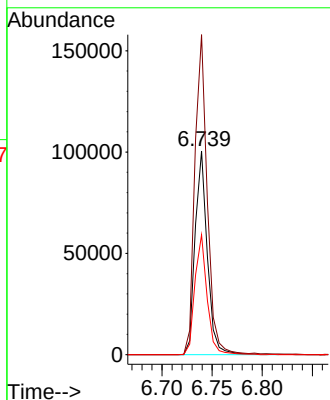
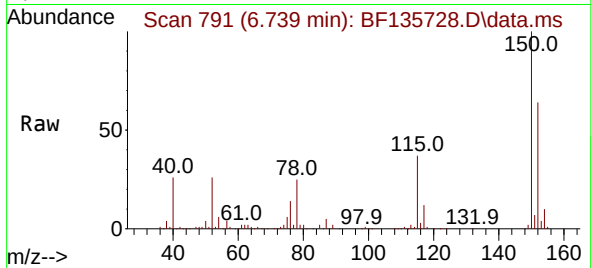




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

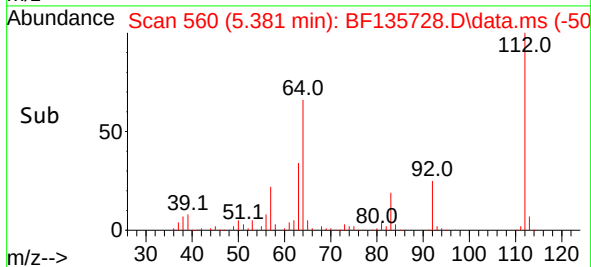
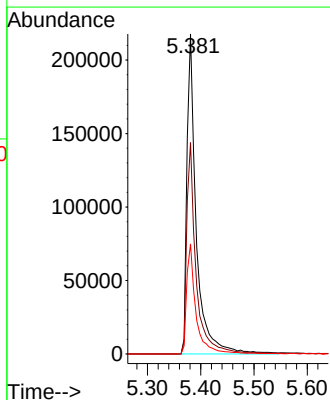
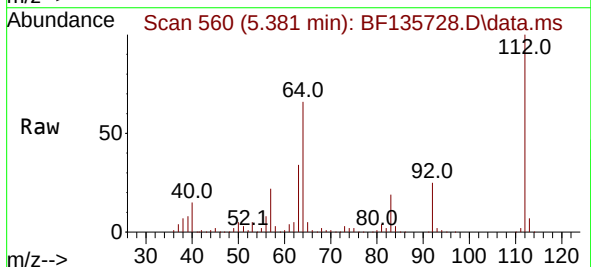
Instrument :
BNA_F
ClientSampleId :
CON-1

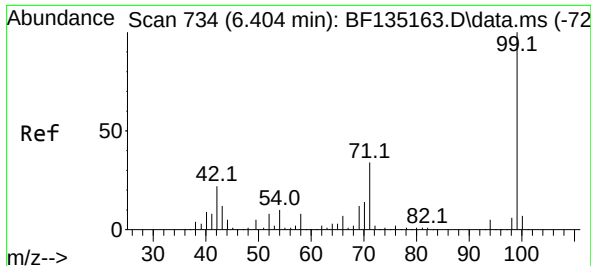
Tgt Ion:152 Resp: 85478
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 58.8 49.8 74.8



#5
2-Fluorophenol
Concen: 50.699 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

Tgt Ion:112 Resp: 266450
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.4 29.0 43.6

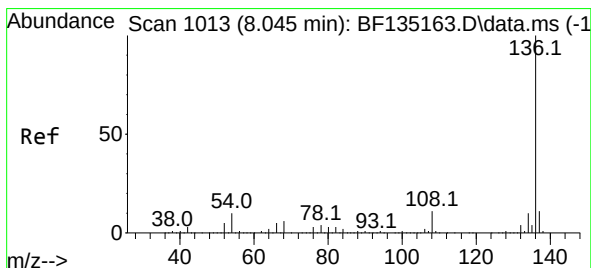
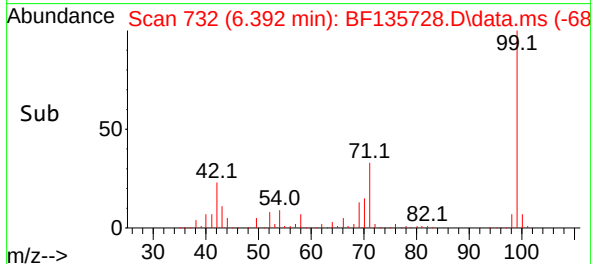
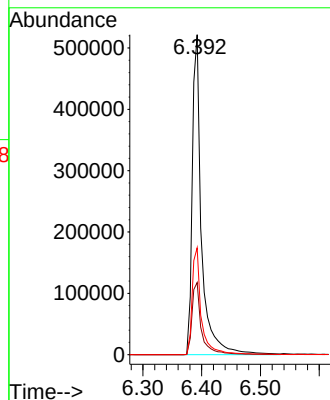
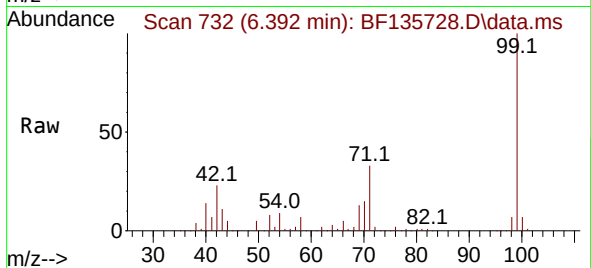




#7
Phenol-d6
Concen: 85.475 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

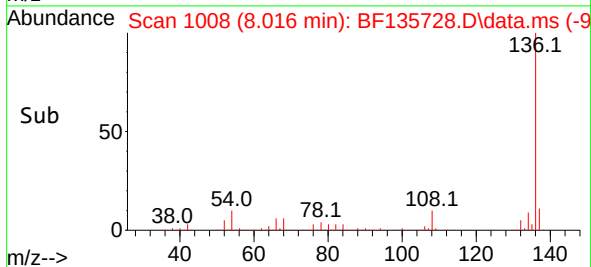
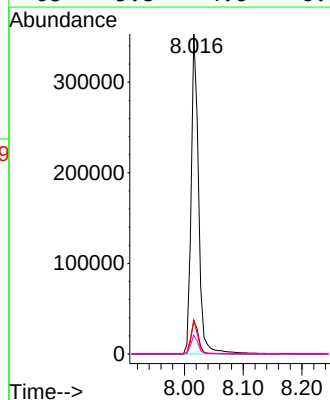
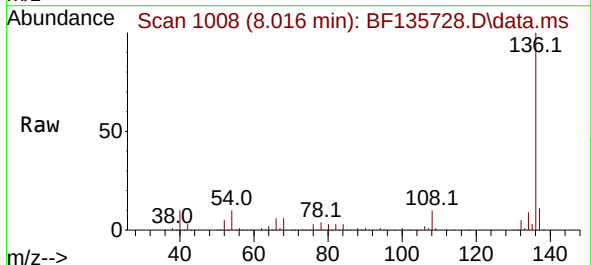
Instrument :
BNA_F
ClientSampleId :
CON-1

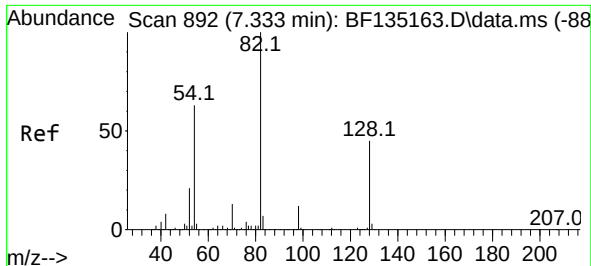
Tgt Ion: 99 Resp: 571202
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 33.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

Tgt Ion: 136 Resp: 312088
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.4 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 69.623 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135728.D

Acq: 12 Oct 2023 11:49

Instrument :

BNA_F

ClientSampleId :

CON-1

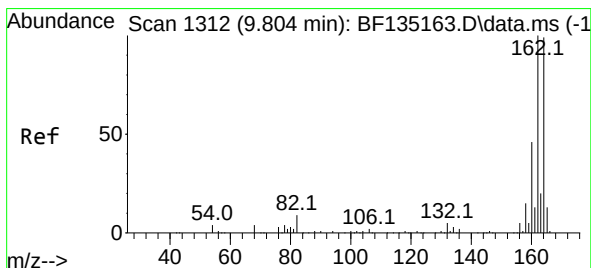
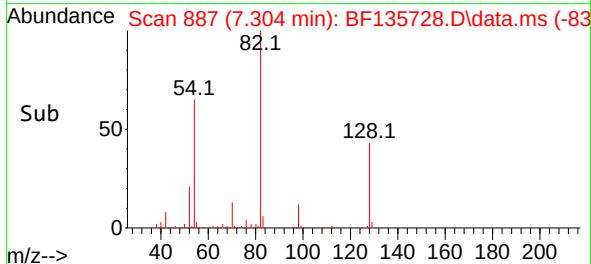
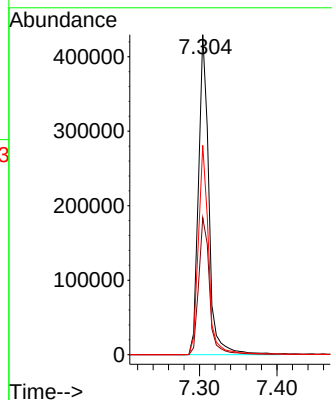
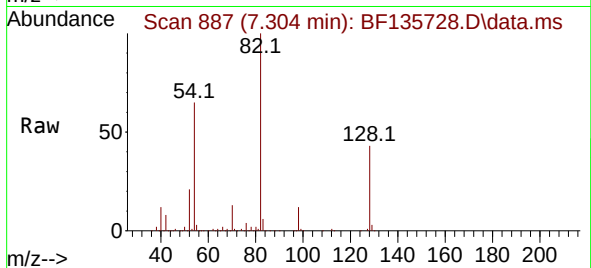
Tgt Ion: 82 Resp: 399942

Ion Ratio Lower Upper

82 100

128 42.8 35.8 53.6

54 65.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135728.D

Acq: 12 Oct 2023 11:49

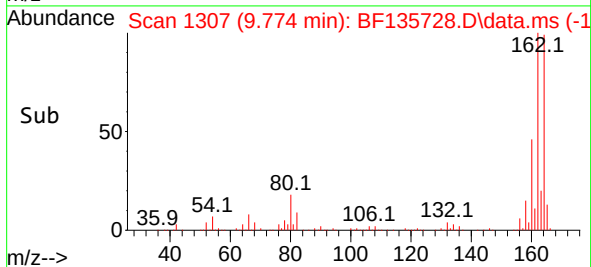
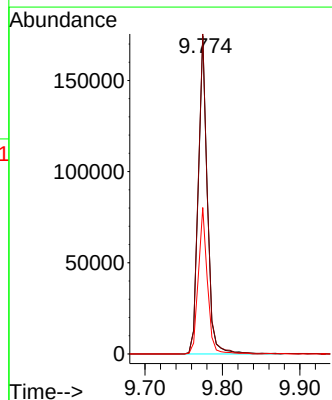
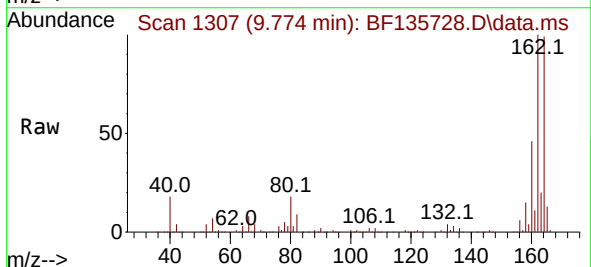
Tgt Ion:164 Resp: 141484

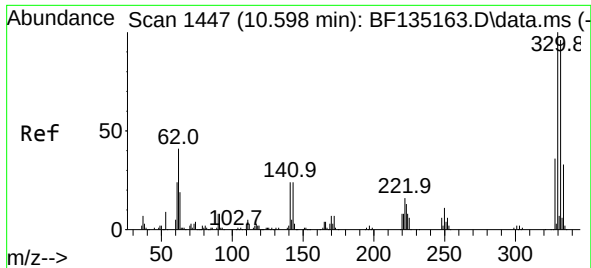
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

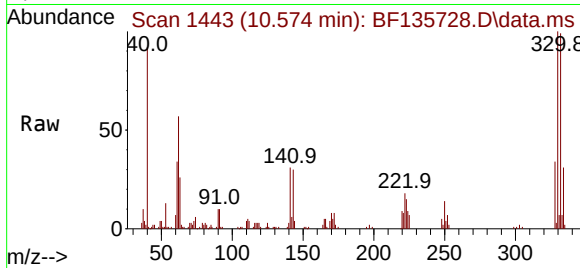
160 46.0 37.0 55.4



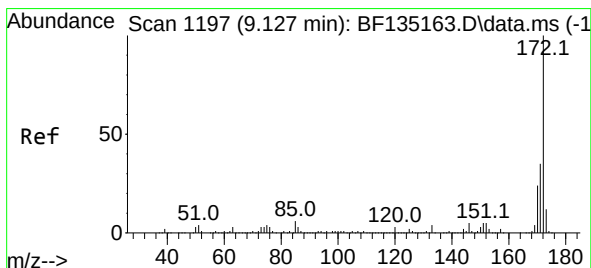
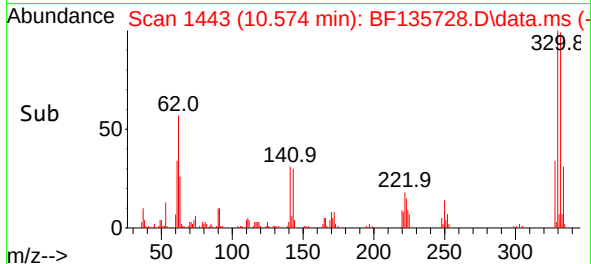
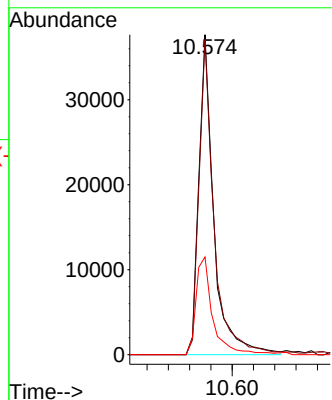


#42
2,4,6-Tribromophenol
Concen: 26.232 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

Instrument :
BNA_F
ClientSampleId :
CON-1

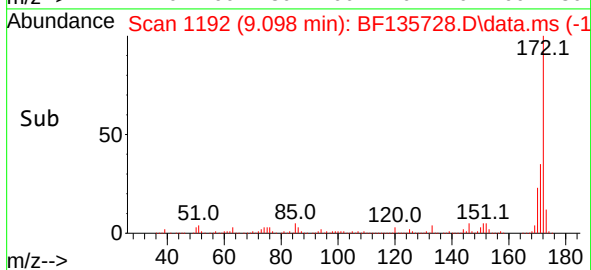
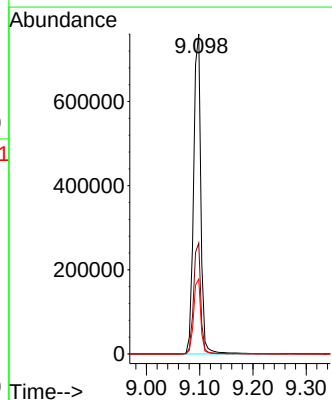
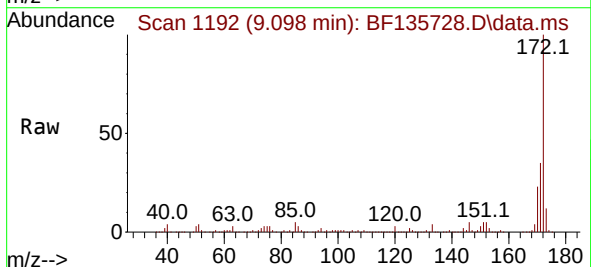


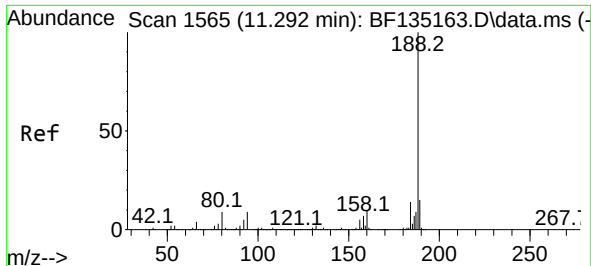
Tgt Ion: 330 Resp: 36882
Ion Ratio Lower Upper
330 100
332 99.0 77.3 115.9
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.214 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

Tgt Ion: 172 Resp: 724089
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.4 19.0 28.4

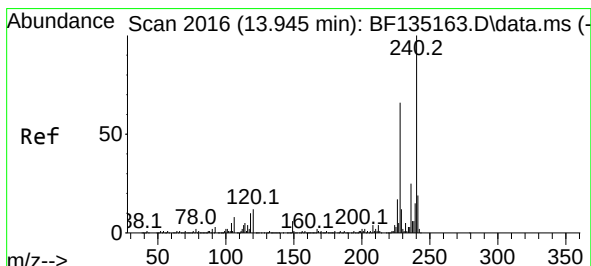
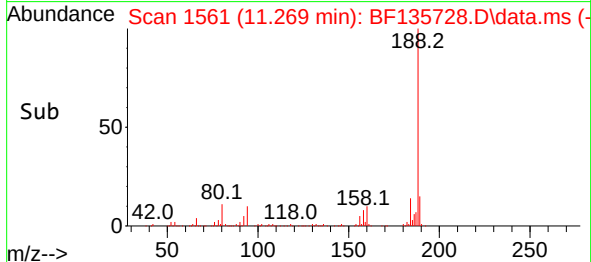
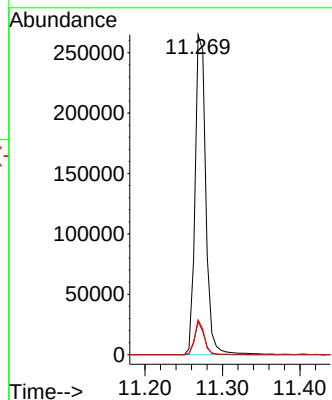
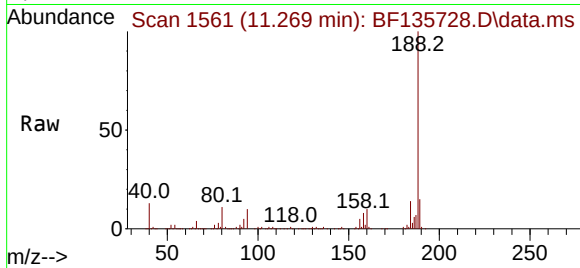




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

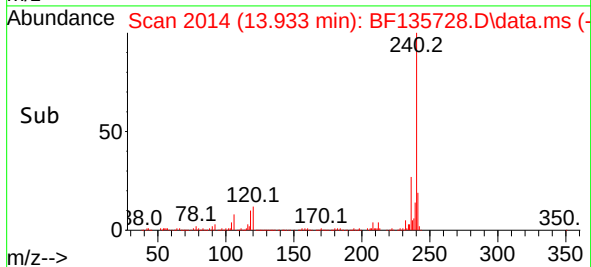
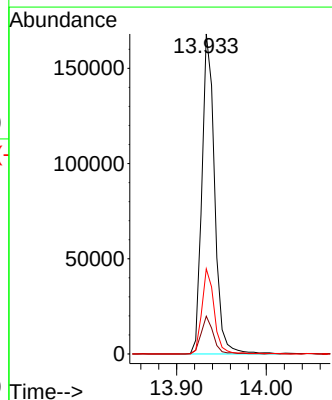
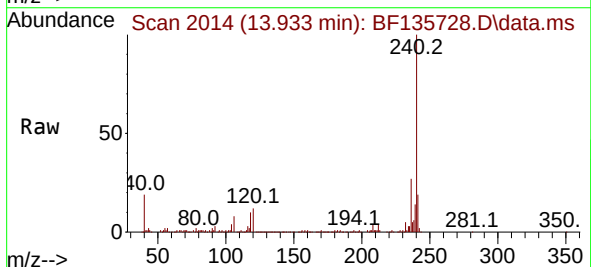
Instrument :
BNA_F
ClientSampleId :
CON-1

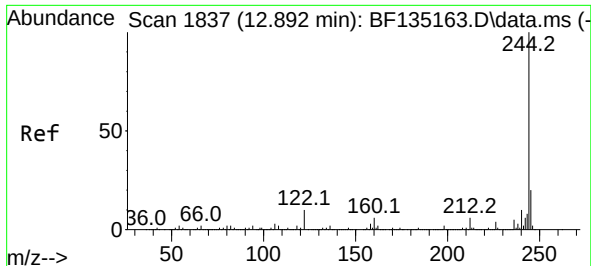
Tgt Ion:188 Resp: 255357
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135728.D
Acq: 12 Oct 2023 11:49

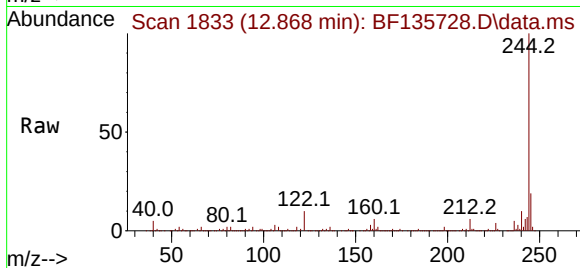
Tgt Ion:240 Resp: 165234
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.6 19.8 29.8



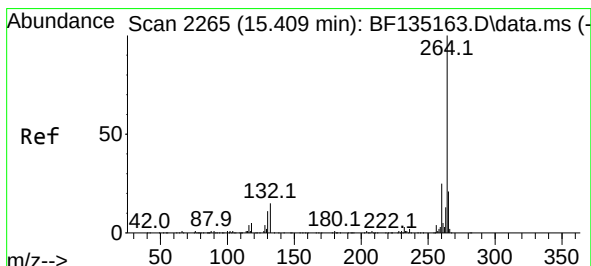
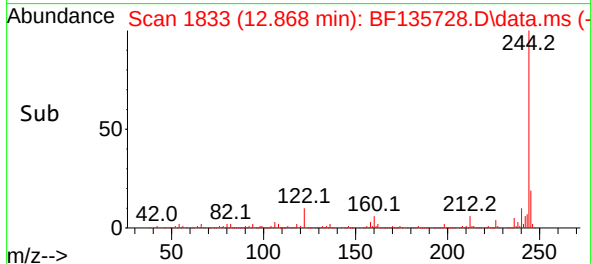
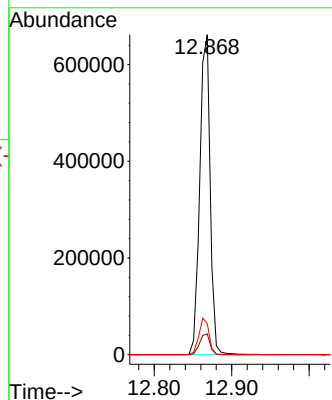


#79
 Terphenyl-d14
 Concen: 57.716 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135728.D
 Acq: 12 Oct 2023 11:49

Instrument :
 BNA_F
 ClientSampleId :
 CON-1



Tgt Ion:244 Resp: 615188
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135728.D
 Acq: 12 Oct 2023 11:49

Tgt Ion:264 Resp: 143413
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 20.9 17.0 25.4

