

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135709.D
 Acq On : 11 Oct 2023 13:08
 Operator : CG\JU
 Sample : 04817-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Oct 12 00:47:10 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	90189	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	342312	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	162497	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	330004	20.000	ng	0.00
76) Chrysene-d12	13.933	240	175473	20.000	ng	0.00
86) Perylene-d12	15.409	264	201337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	801336	144.511	ng	0.02
7) Phenol-d6	6.392	99	959779	136.120	ng	0.00
23) Nitrobenzene-d5	7.310	82	648627	102.946	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	255788	158.400	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1176204	109.206	ng	0.00
79) Terphenyl-d14	12.868	244	1048156	92.598	ng	0.00

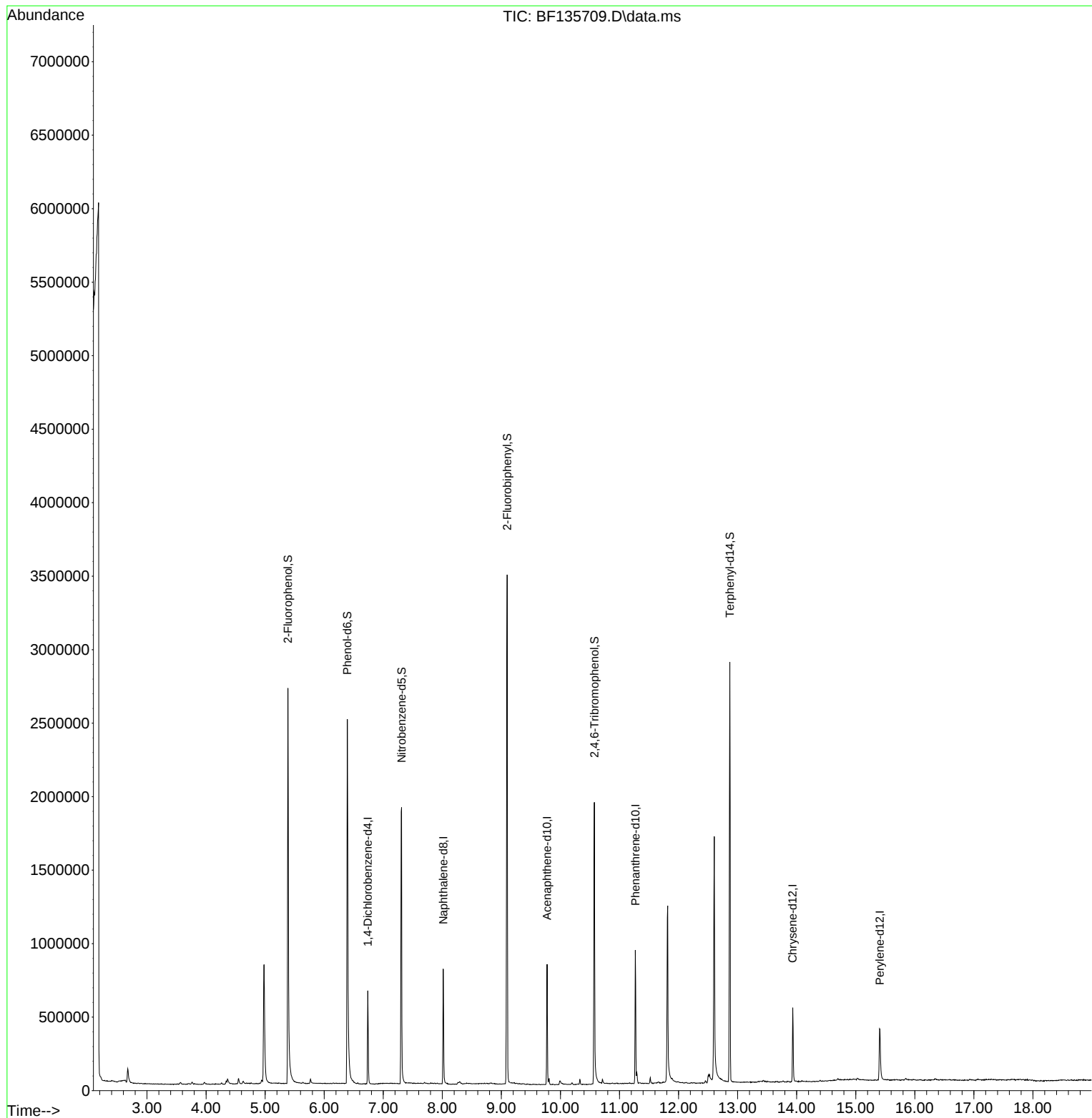
Target Compounds	Qvalue

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

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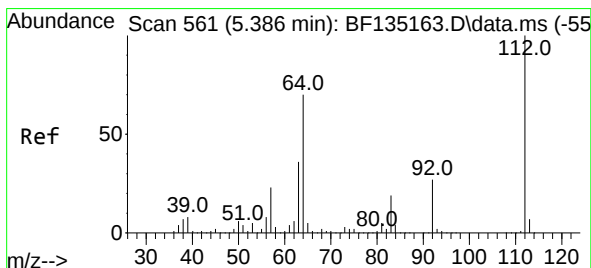
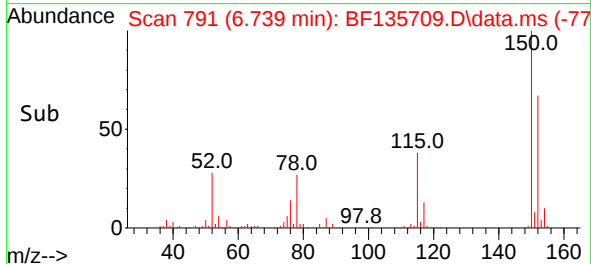
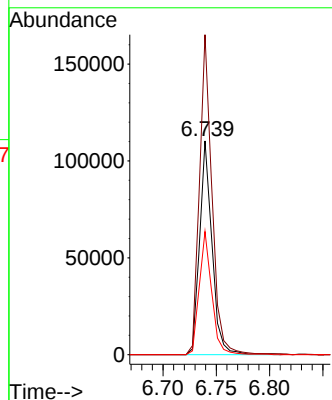
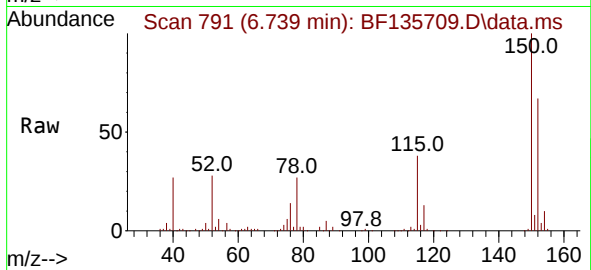




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

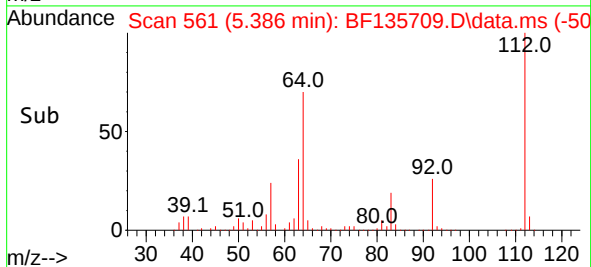
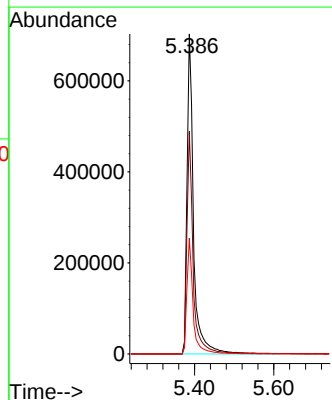
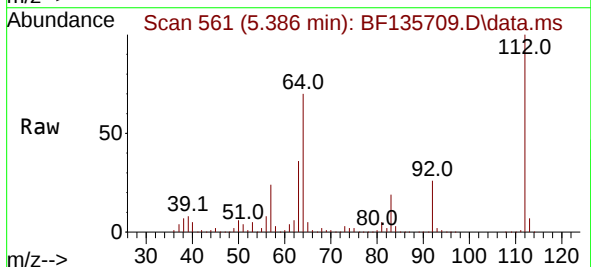
Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion:152 Resp: 90189
Ion Ratio Lower Upper
152 100
150 149.7 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 144.511 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion:112 Resp: 801336
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 36.1 29.0 43.6

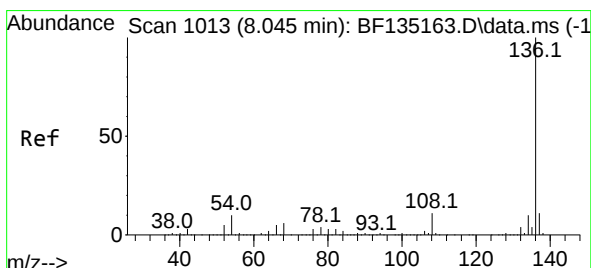
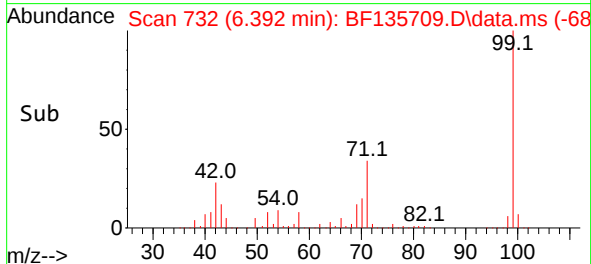
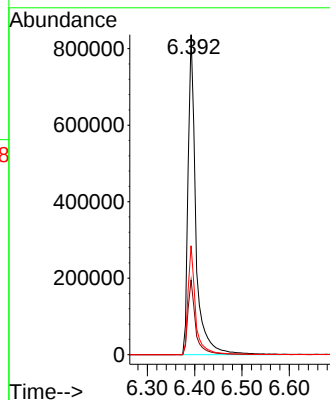
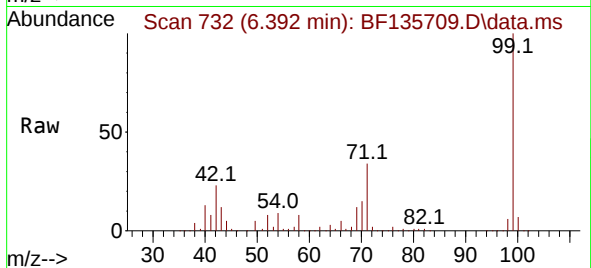




#7
Phenol-d6
Concen: 136.120 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

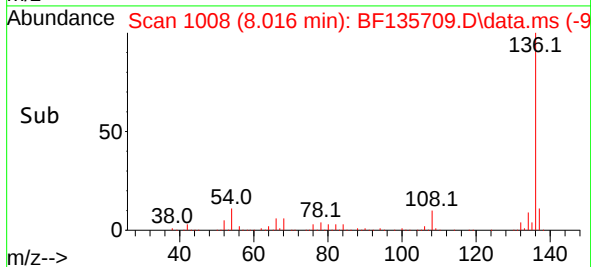
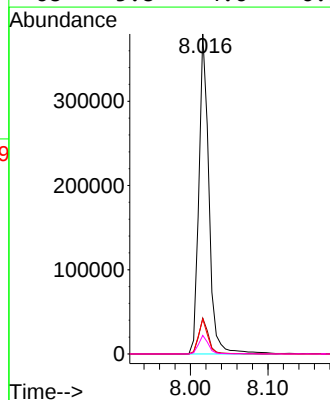
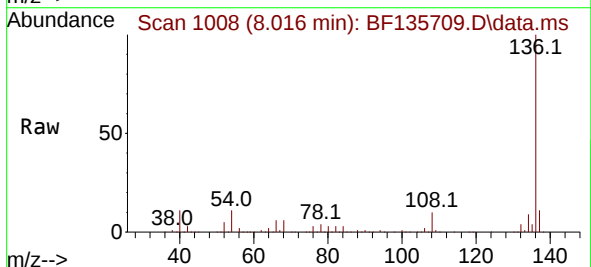
Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion: 99 Resp: 959779
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.0 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: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion: 136 Resp: 342312
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.9 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 102.946 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135709.D

Acq: 11 Oct 2023 13:08

Instrument :

BNA_F

ClientSampleId :

72-11930

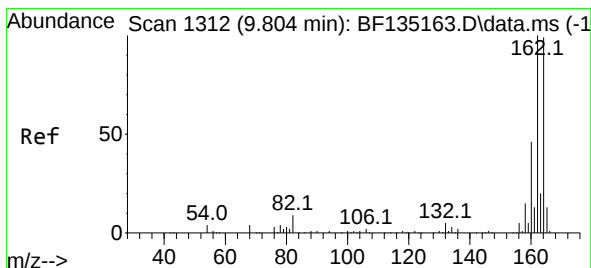
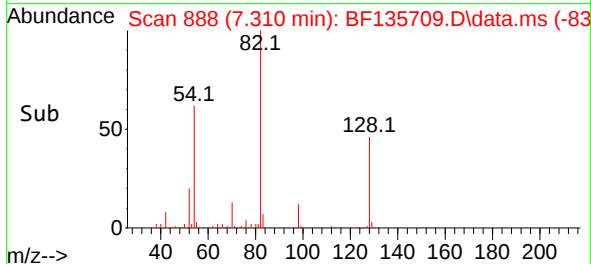
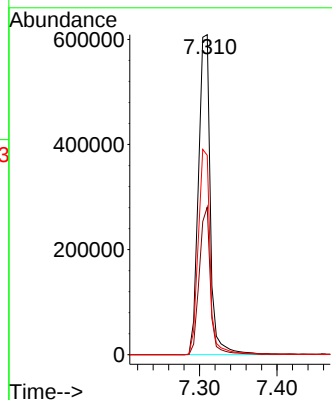
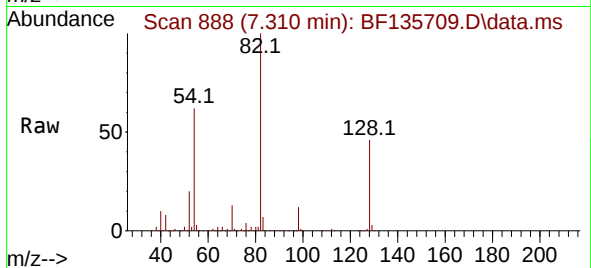
Tgt Ion: 82 Resp: 648627

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.6

54 62.3 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: BF135709.D

Acq: 11 Oct 2023 13:08

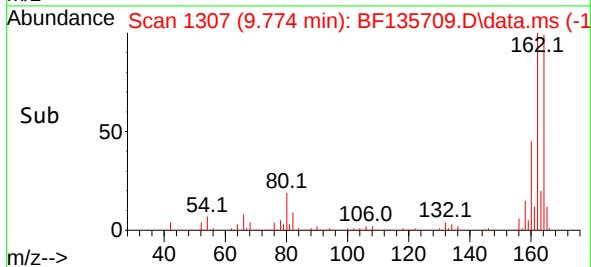
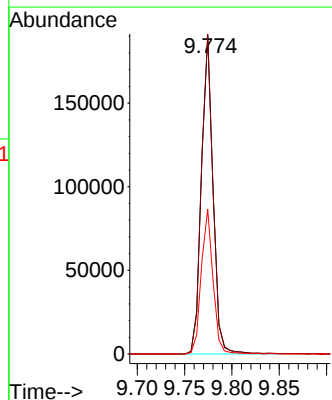
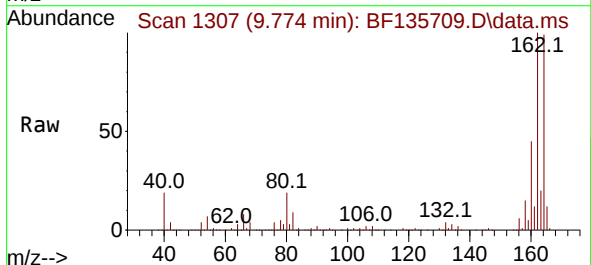
Tgt Ion:164 Resp: 162497

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.6 37.0 55.4

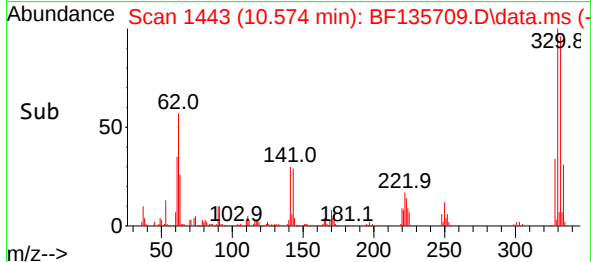
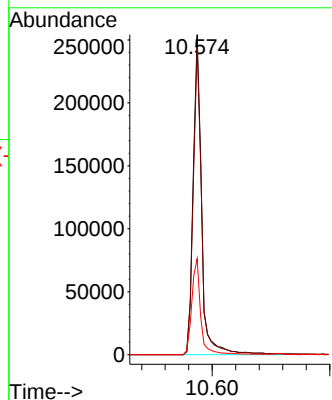
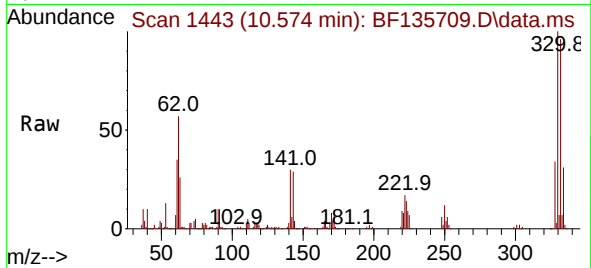




#42
2,4,6-Tribromophenol
Concen: 158.400 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

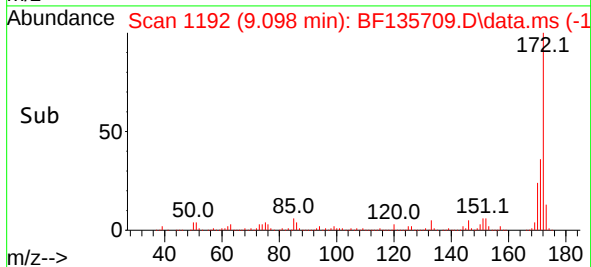
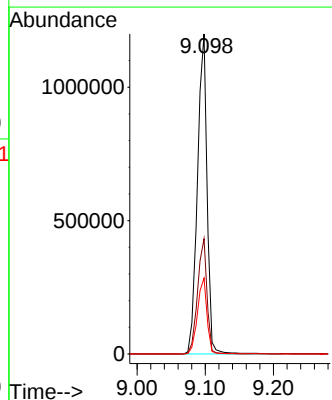
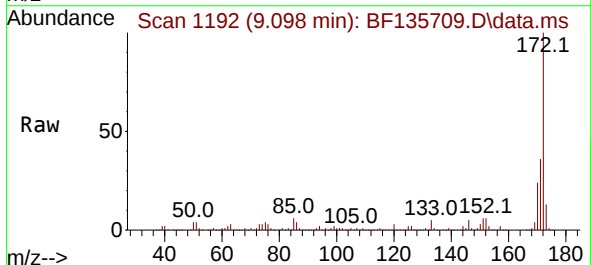
Instrument :
BNA_F
ClientSampleId :
72-11930

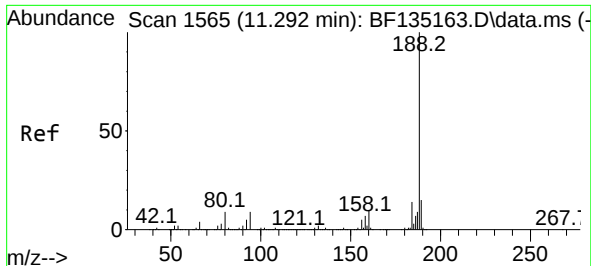
Tgt Ion:330 Resp: 255788
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 109.206 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion:172 Resp: 1176204
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.7 19.0 28.4

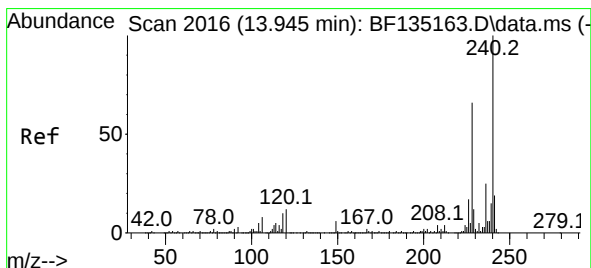
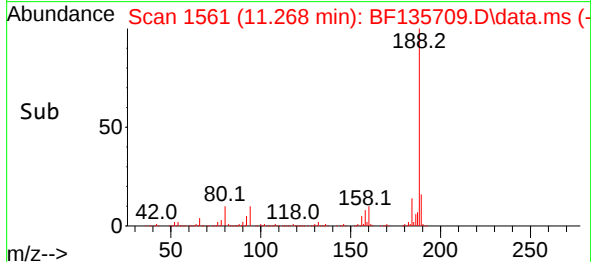
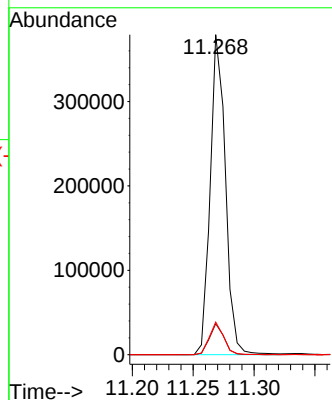
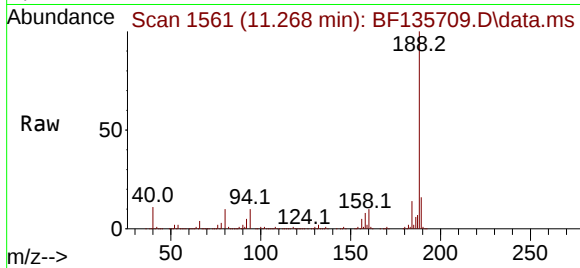




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

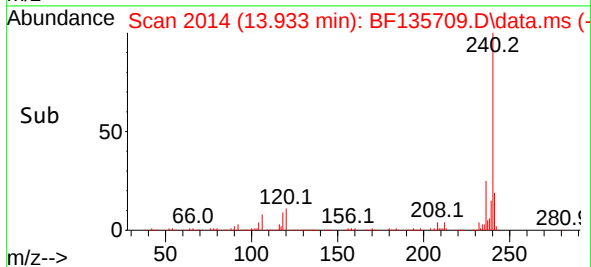
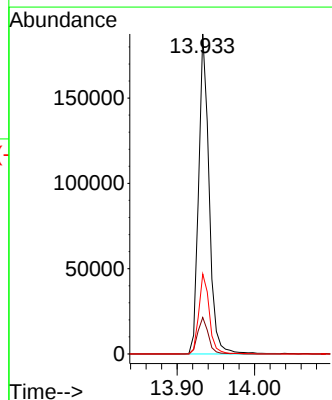
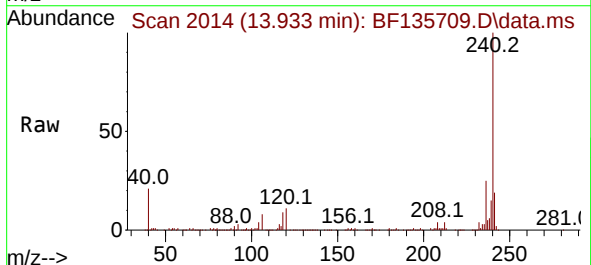
Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion:188 Resp: 330004
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.2 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: BF135709.D
Acq: 11 Oct 2023 13:08

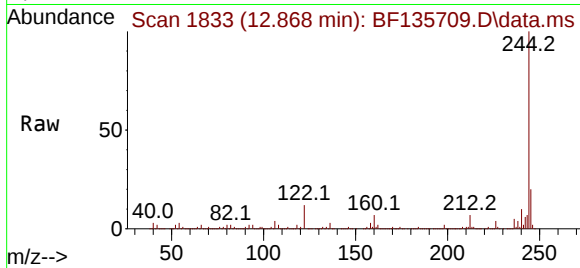
Tgt Ion:240 Resp: 175473
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.0 19.8 29.8



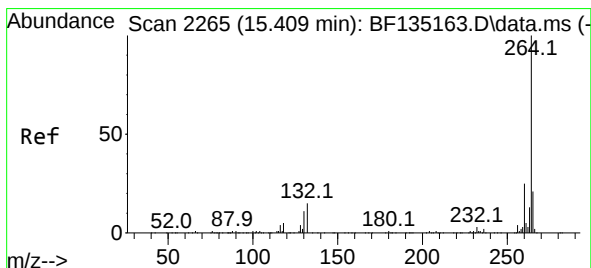
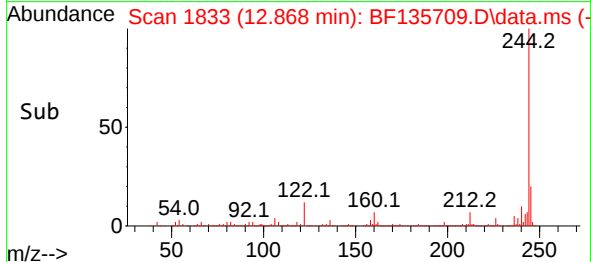
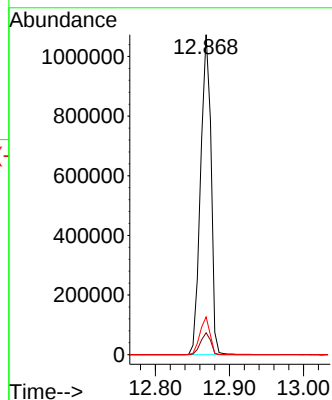


#79
 Terphenyl-d14
 Concen: 92.598 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135709.D
 Acq: 11 Oct 2023 13:08

Instrument :
 BNA_F
 ClientSampleId :
 72-11930



Tgt Ion:244 Resp: 1048156
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.8 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: BF135709.D
 Acq: 11 Oct 2023 13:08

Tgt Ion:264 Resp: 201337
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.2 17.0 25.4

