

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135263.D
 Acq On : 14 Sep 2023 20:05
 Operator : CG\JU
 Sample : 04361-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230907

Quant Time: Sep 15 01:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	128493	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450555	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	224909	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	368317	20.000	ng	0.00
76) Chrysene-d12	13.945	240	238998	20.000	ng	0.00
86) Perylene-d12	15.415	264	252607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	400488	50.693	ng	0.00
7) Phenol-d6	6.404	99	302721	30.135	ng	0.00
23) Nitrobenzene-d5	7.328	82	694969	83.802	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	206355	92.327	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1190821	79.882	ng	0.00
79) Terphenyl-d14	12.892	244	1054101	68.371	ng	0.00

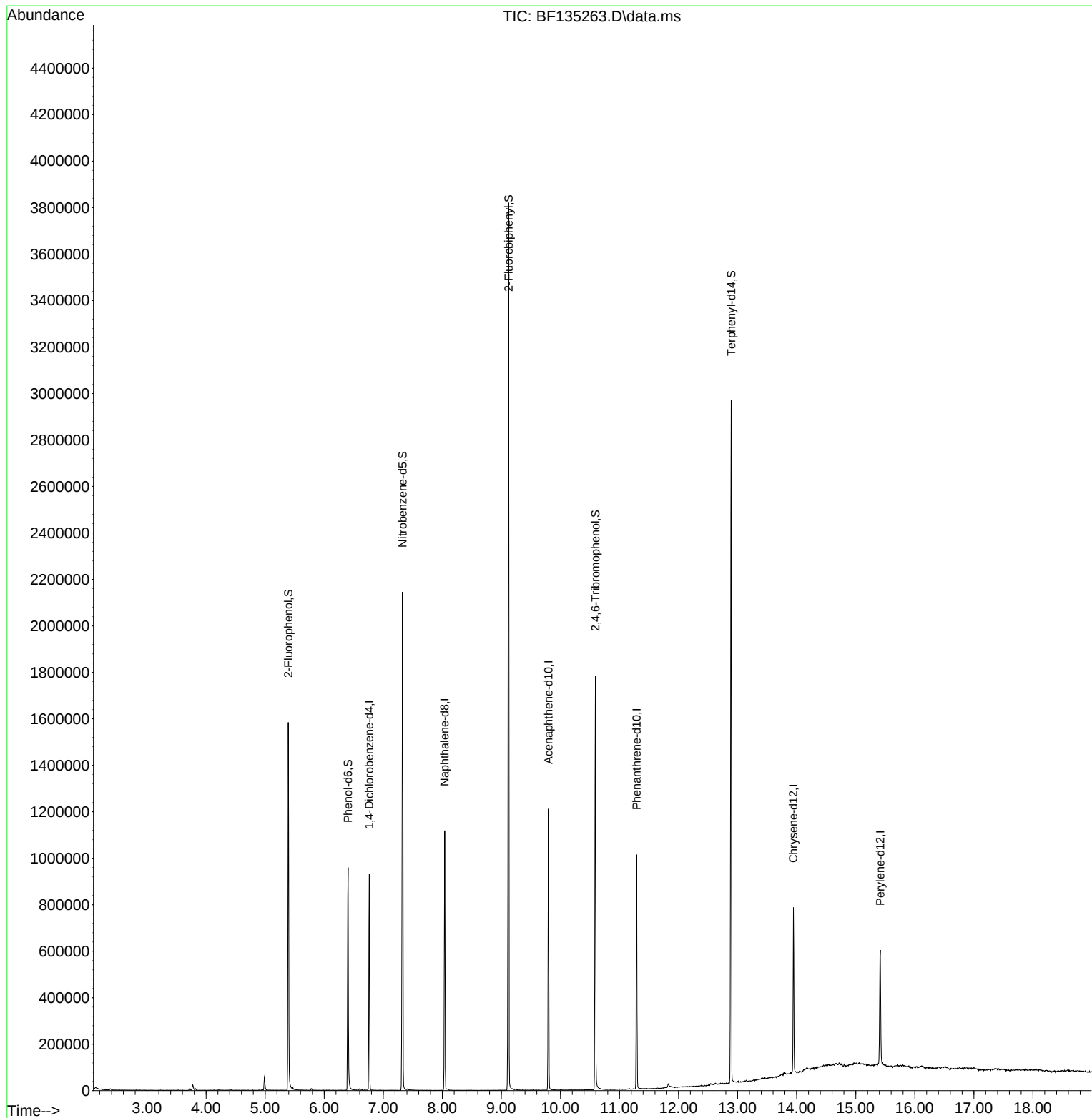
Target Compounds	Qvalue

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

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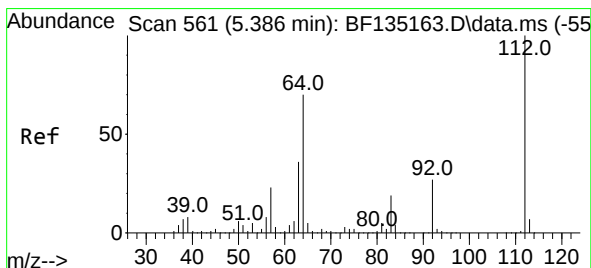
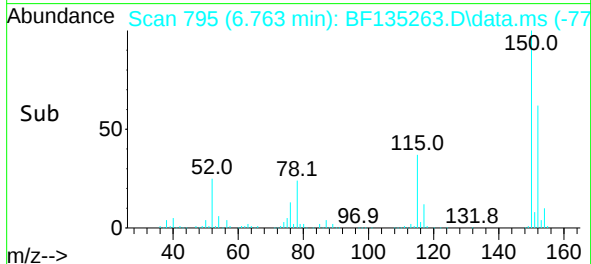
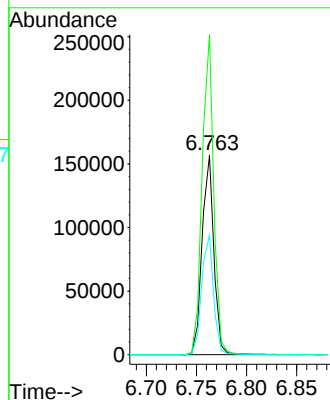
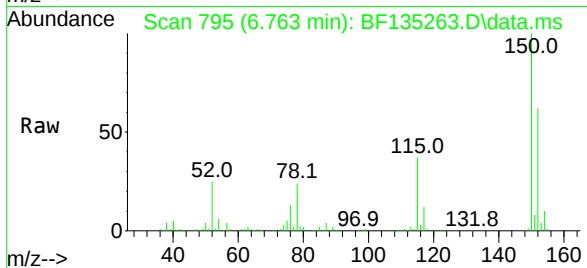




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

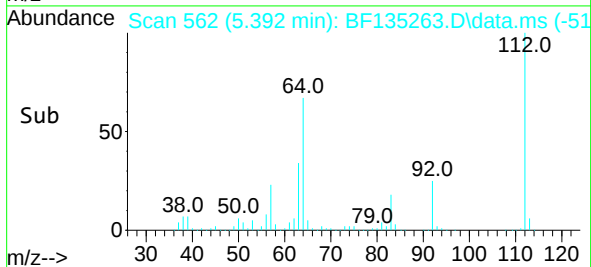
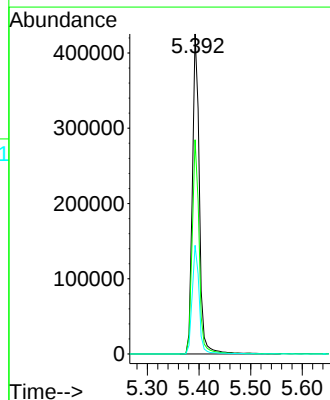
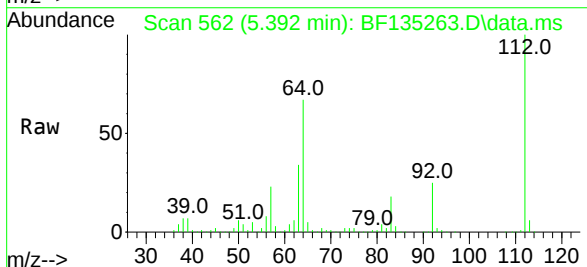
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

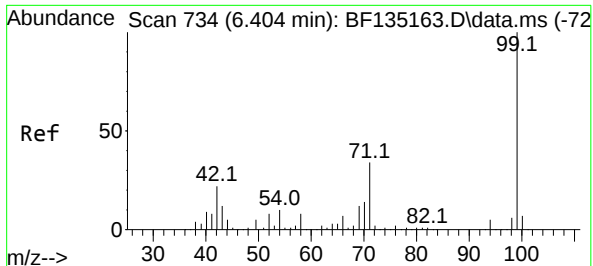
Tgt Ion:152 Resp: 128493
Ion Ratio Lower Upper
152 100
150 160.4 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 50.693 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:112 Resp: 400488
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 33.9 29.0 43.6

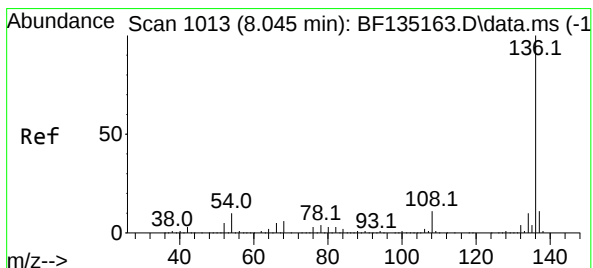
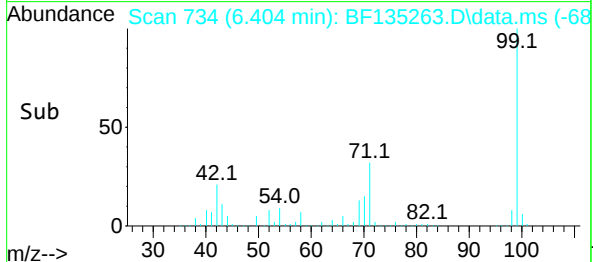
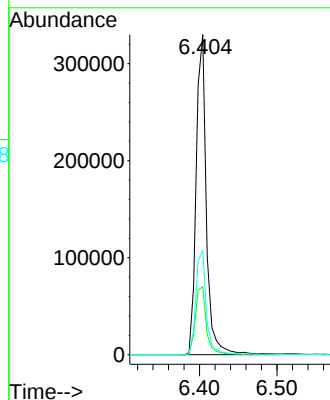
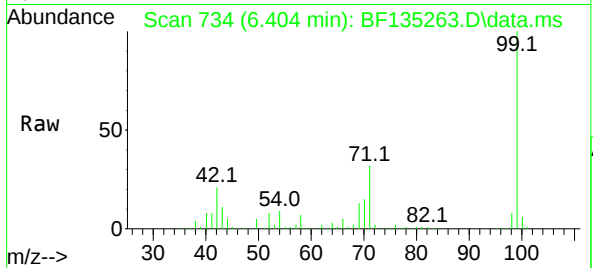




#7
Phenol-d6
Concen: 30.135 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

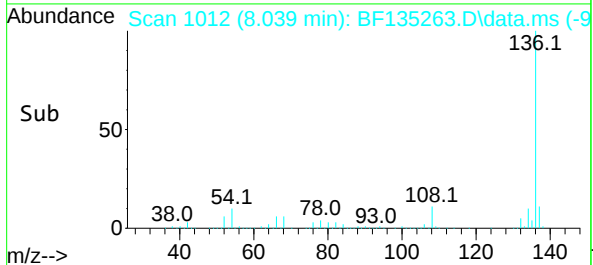
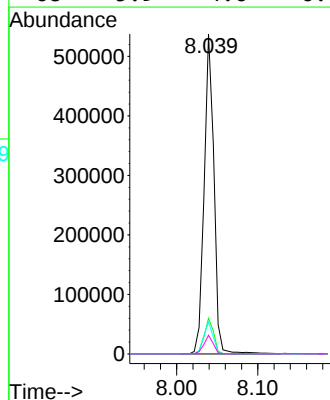
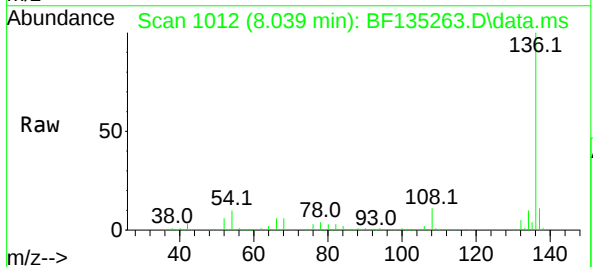
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

Tgt Ion: 99 Resp: 302721
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion: 136 Resp: 450555
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.802 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

Instrument :

BNA_F

ClientSampleId :

SP-303-20230907

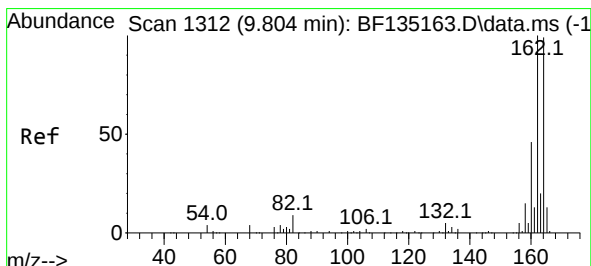
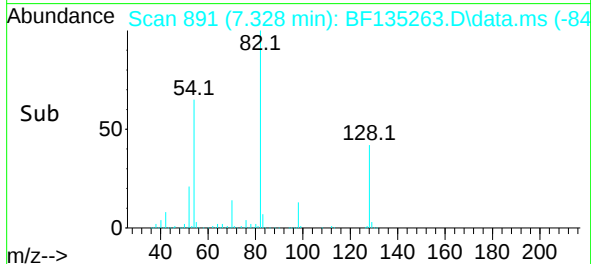
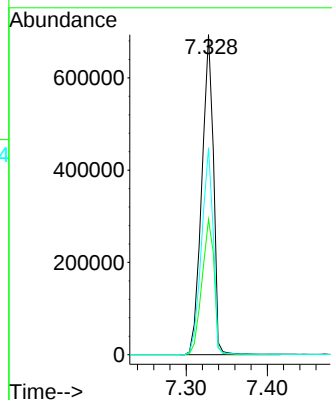
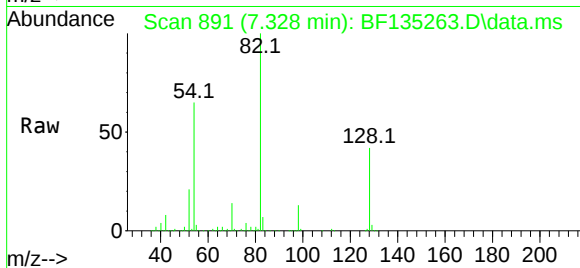
Tgt Ion: 82 Resp: 694969

Ion Ratio Lower Upper

82 100

128 42.3 35.8 53.6

54 64.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

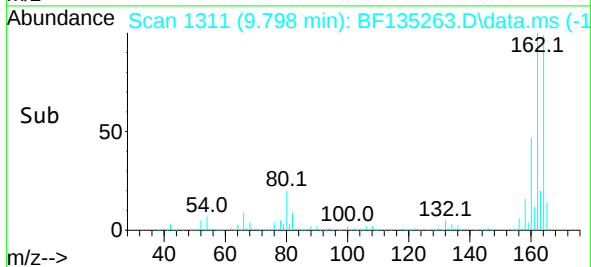
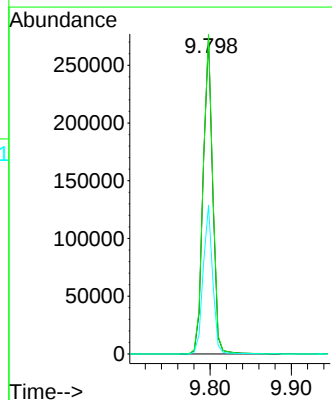
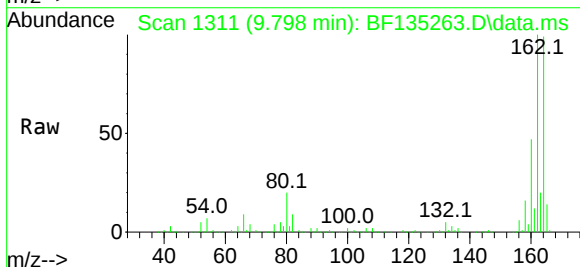
Tgt Ion: 164 Resp: 224909

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

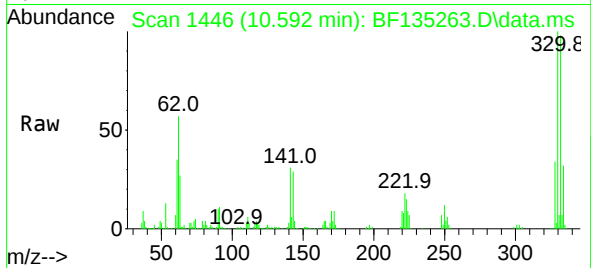
160 46.9 37.0 55.4



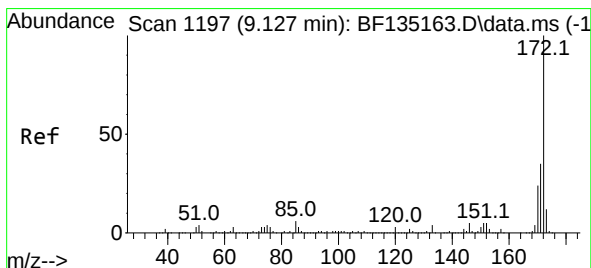
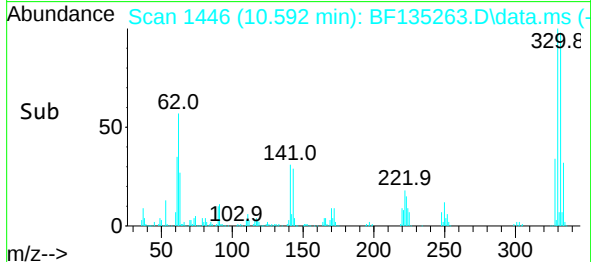
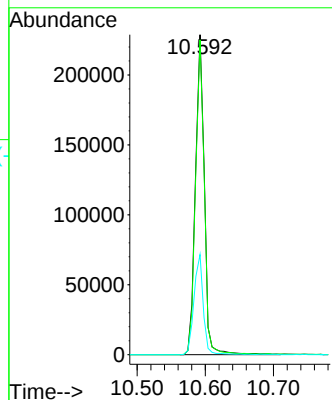


#42
2,4,6-Tribromophenol
Concen: 92.327 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

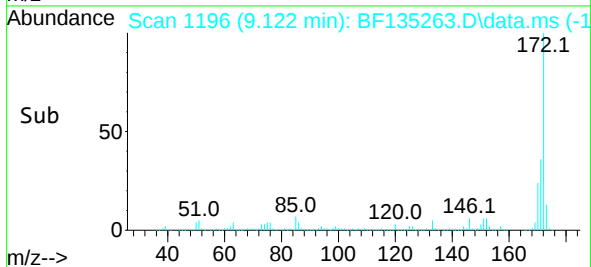
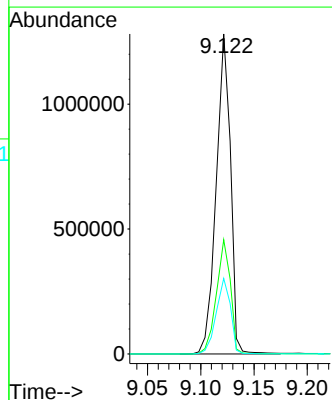
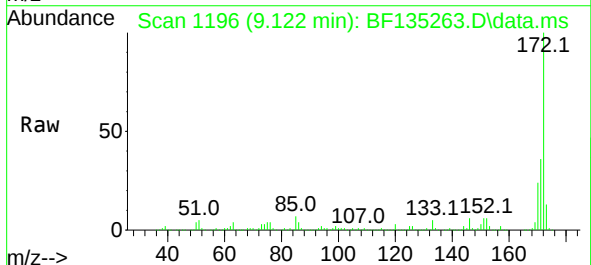


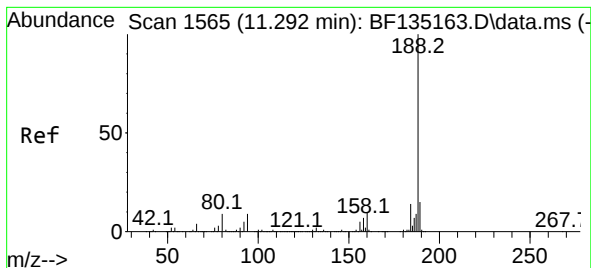
Tgt Ion:330 Resp: 206355
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.882 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:172 Resp: 1190821
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

Instrument :

BNA_F

ClientSampleId :

SP-303-20230907

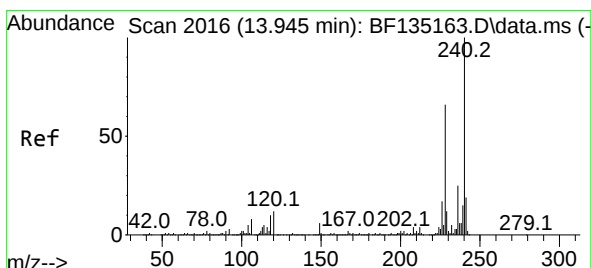
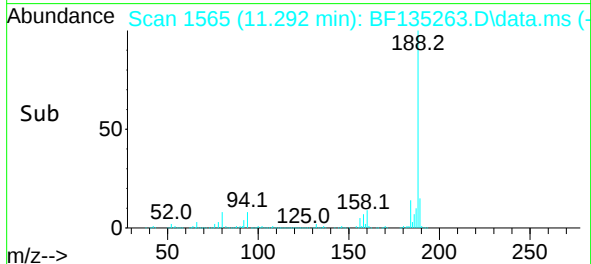
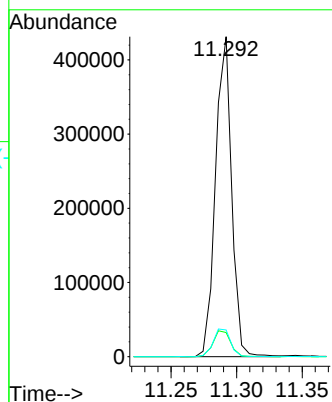
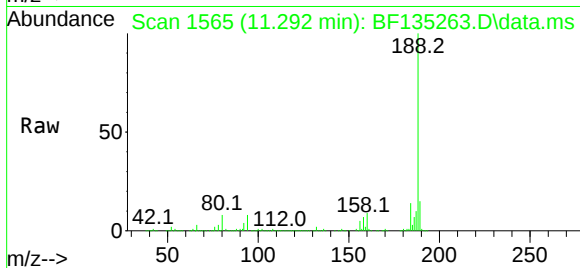
Tgt Ion:188 Resp: 368317

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

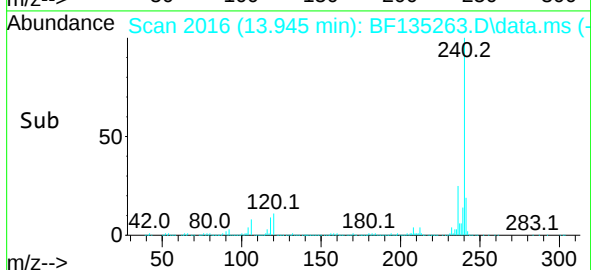
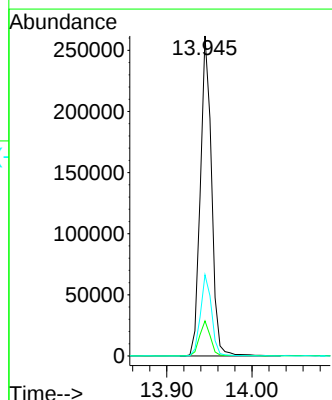
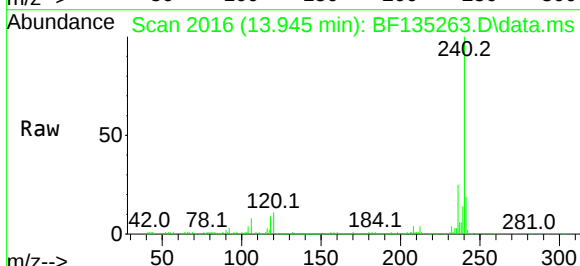
Tgt Ion:240 Resp: 238998

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.4 19.8 29.8

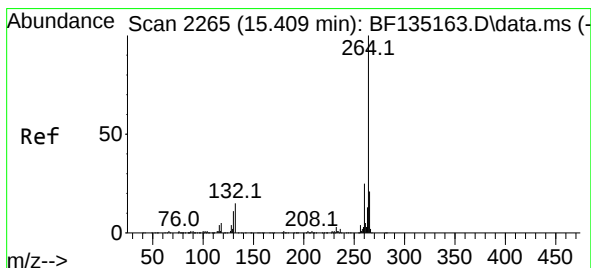
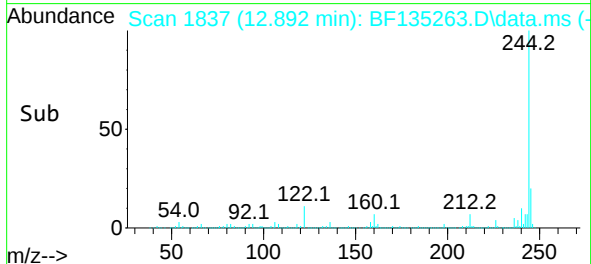
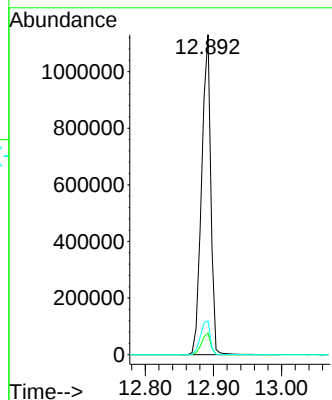
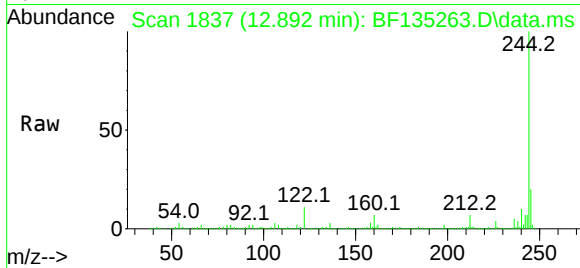




#79
 Terphenyl-d14
 Concen: 68.371 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135263.D
 Acq: 14 Sep 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230907

Tgt Ion:244 Resp: 1054101
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135263.D
 Acq: 14 Sep 2023 20:05

Tgt Ion:264 Resp: 252607
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.4 17.0 25.4

