

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135255.D
 Acq On : 14 Sep 2023 15:40
 Operator : CG\JU
 Sample : PB154922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154922BL

Quant Time: Sep 15 01:22:46 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	134338	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	524523	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	281516	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	602925	20.000	ng	0.00
76) Chrysene-d12	13.945	240	325997	20.000	ng	0.00
86) Perylene-d12	15.415	264	313535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1012563	122.592	ng	0.02
7) Phenol-d6	6.410	99	1213399	115.534	ng	0.00
23) Nitrobenzene-d5	7.328	82	753751	78.073	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	354046	126.554	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1359679	72.869	ng	0.00
79) Terphenyl-d14	12.898	244	1613680	76.734	ng	0.00

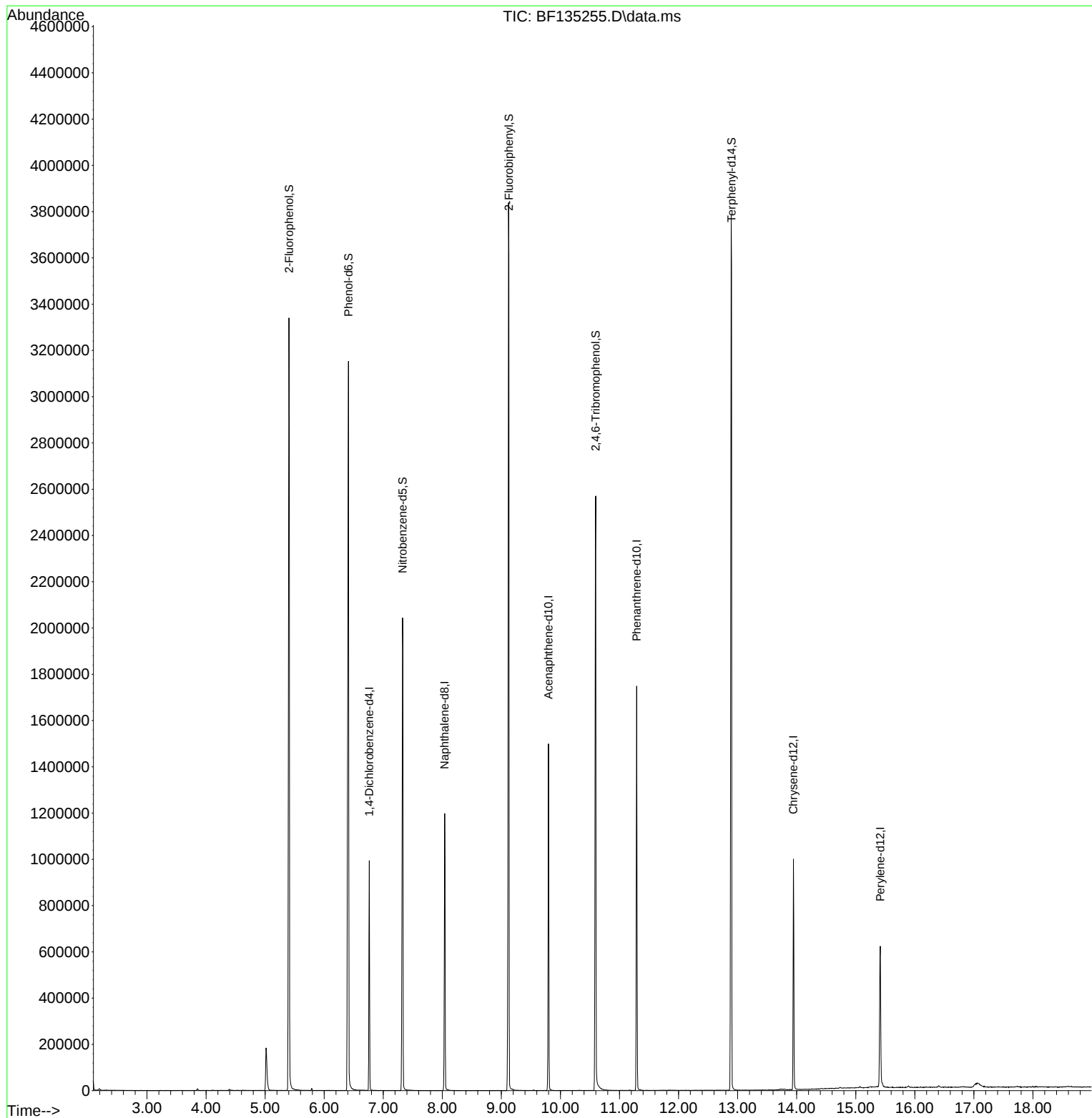
Target Compounds	Qvalue

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

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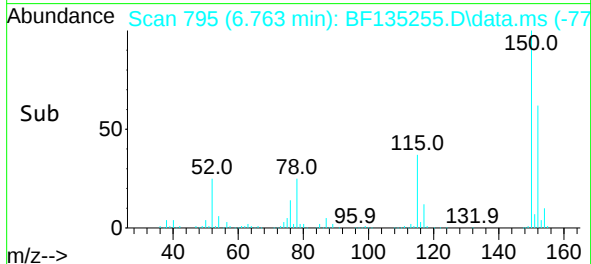
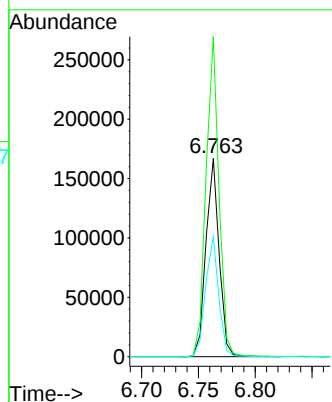
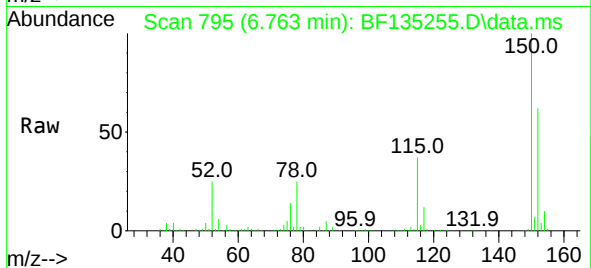




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

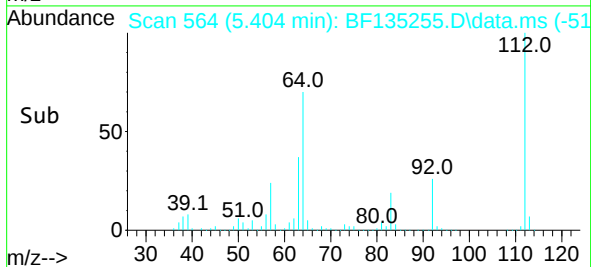
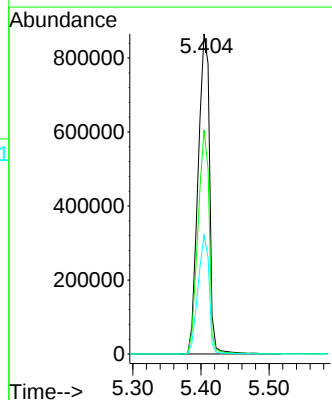
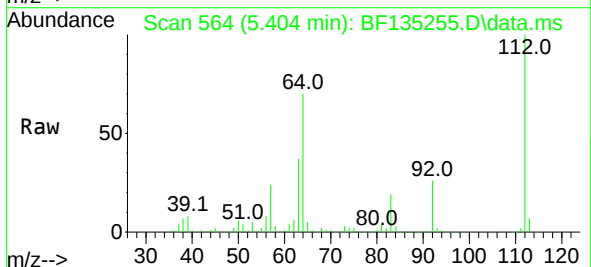
Instrument :
BNA_F
ClientSampleId :
PB154922BL

Tgt Ion:152 Resp: 134338
Ion Ratio Lower Upper
152 100
150 161.4 127.8 191.6
115 60.4 49.8 74.8



#5
2-Fluorophenol
Concen: 122.592 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Tgt Ion:112 Resp: 1012563
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 37.1 29.0 43.6

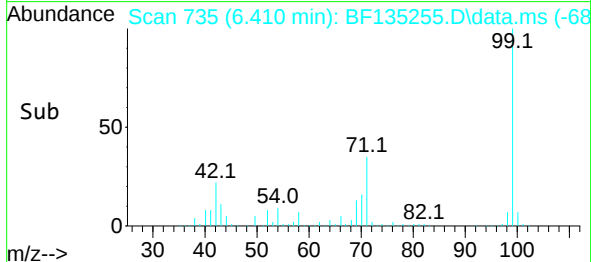
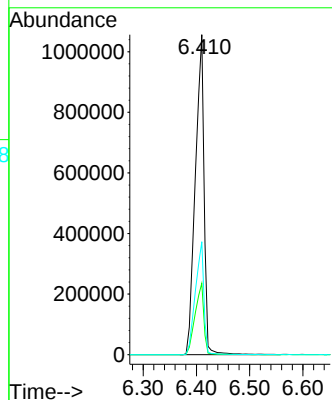
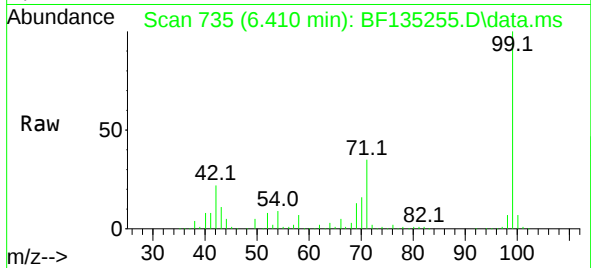




#7
Phenol-d6
Concen: 115.534 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

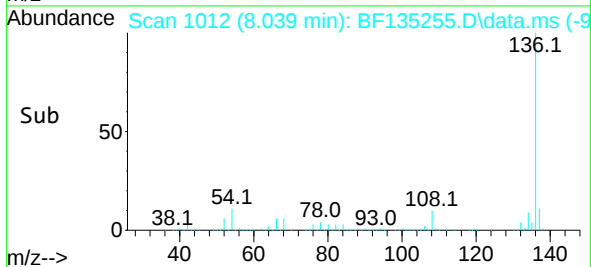
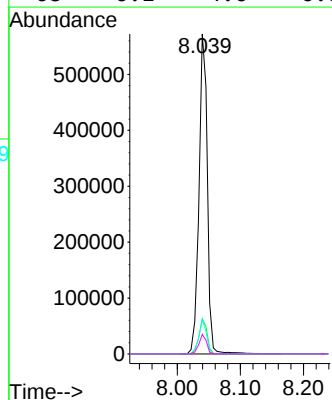
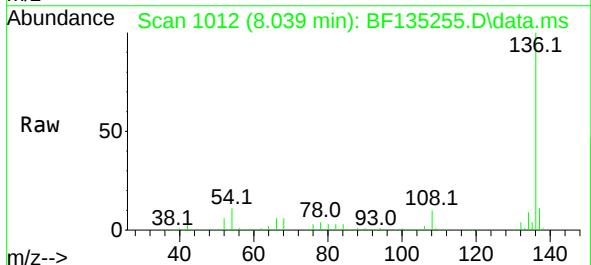
Instrument :
BNA_F
ClientSampleId :
PB154922BL

Tgt Ion: 99 Resp: 1213399
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 35.3 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: BF135255.D
Acq: 14 Sep 2023 15:40

Tgt Ion: 136 Resp: 524523
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 78.073 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135255.D

Acq: 14 Sep 2023 15:40

Instrument :

BNA_F

ClientSampleId :

PB154922BL

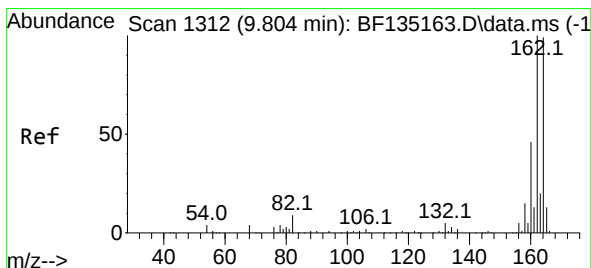
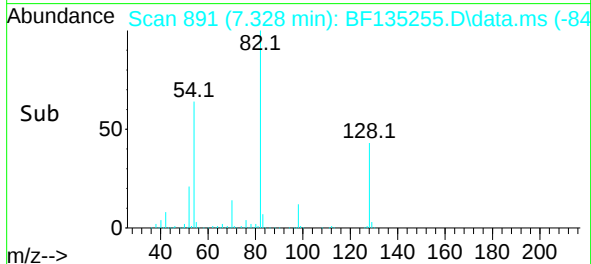
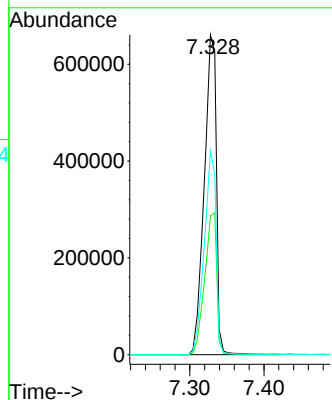
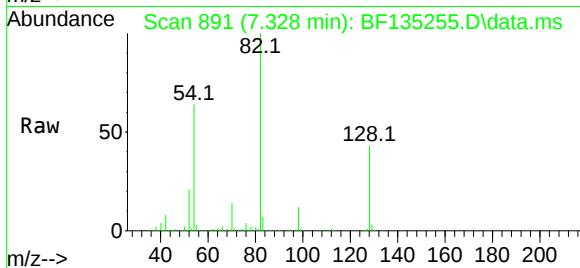
Tgt Ion: 82 Resp: 753751

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 63.8 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: BF135255.D

Acq: 14 Sep 2023 15:40

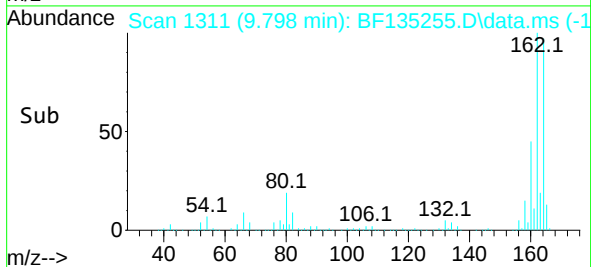
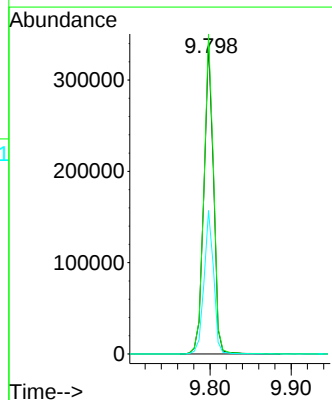
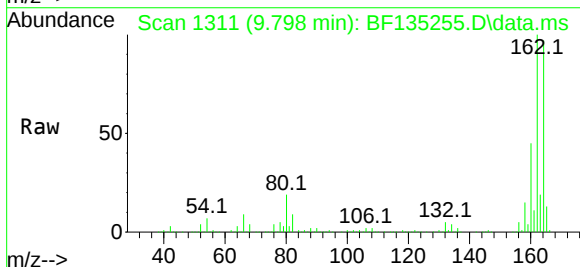
Tgt Ion:164 Resp: 281516

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

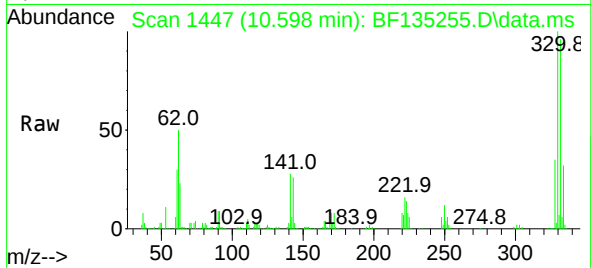
160 46.0 37.0 55.4



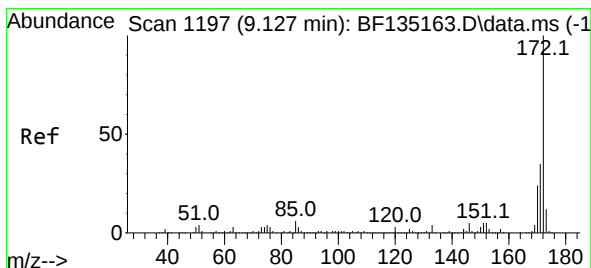
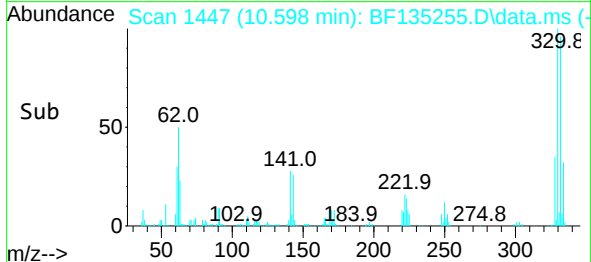
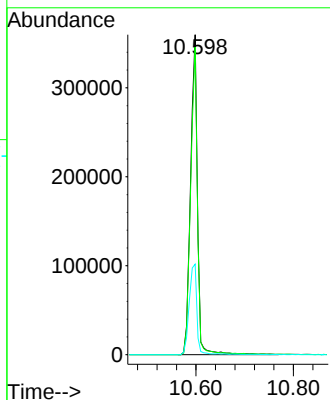


#42
2,4,6-Tribromophenol
Concen: 126.554 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Instrument :
BNA_F
ClientSampleId :
PB154922BL

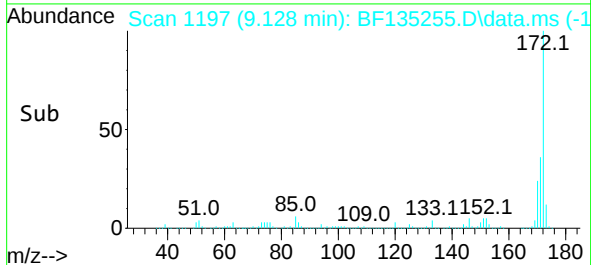
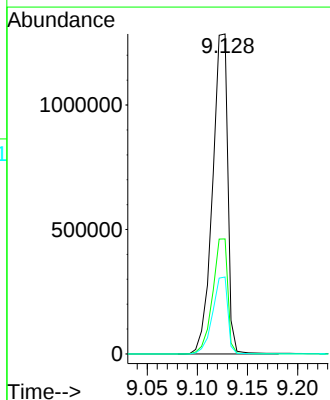
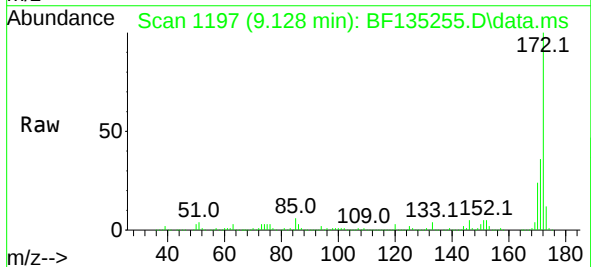


Tgt Ion:330 Resp: 354046
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 72.869 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Tgt Ion:172 Resp: 1359679
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 19.0 28.4

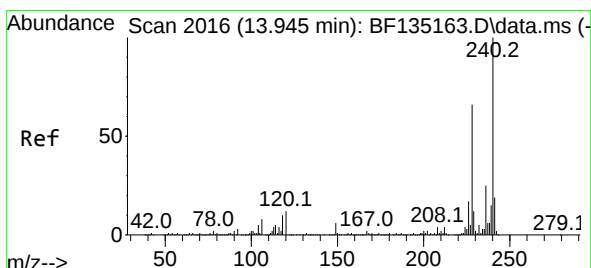
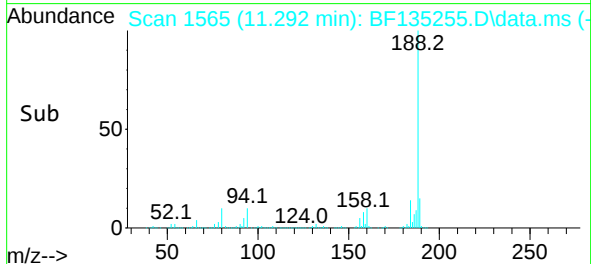
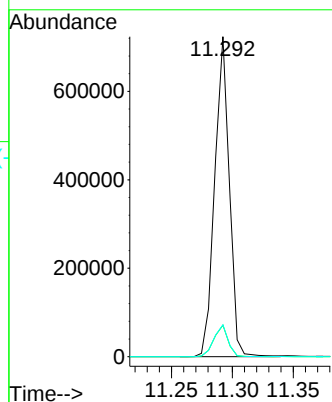
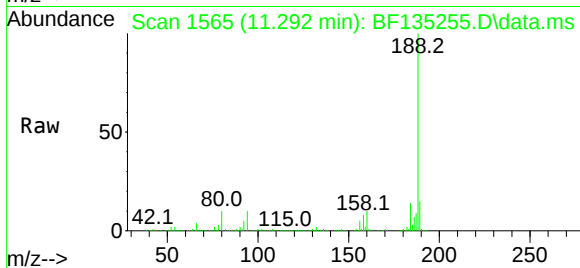




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

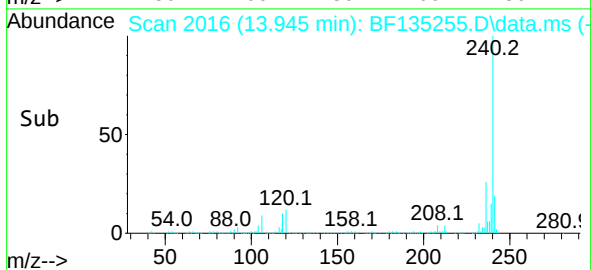
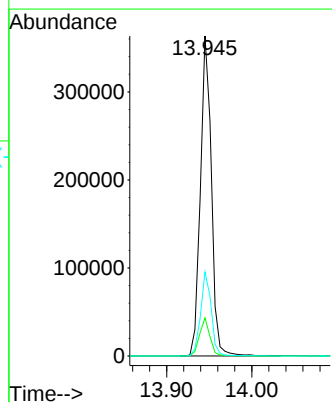
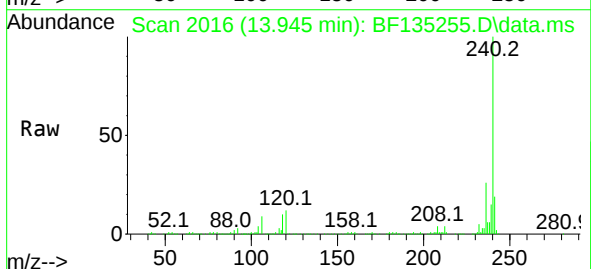
Instrument :
BNA_F
ClientSampleId :
PB154922BL

Tgt Ion:188 Resp: 602925
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 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: BF135255.D
Acq: 14 Sep 2023 15:40

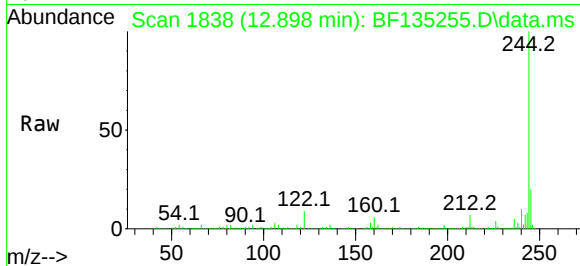
Tgt Ion:240 Resp: 325997
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.2 19.8 29.8



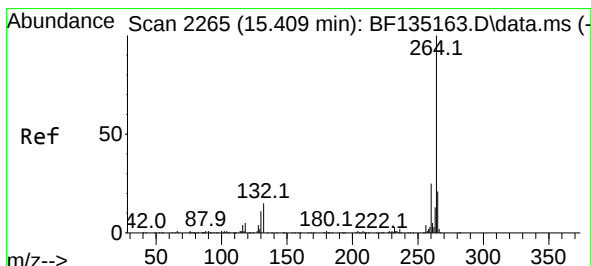
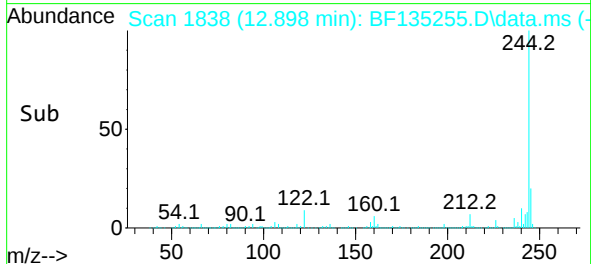
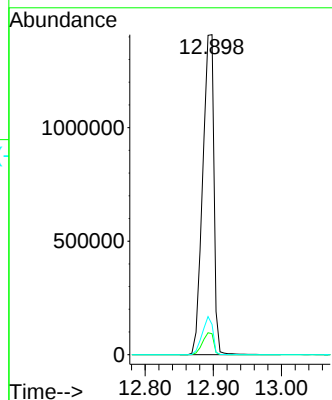


#79
 Terphenyl-d14
 Concen: 76.734 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF135255.D
 Acq: 14 Sep 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB154922BL



Tgt Ion:244 Resp: 1613680
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.5 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: BF135255.D
 Acq: 14 Sep 2023 15:40

Tgt Ion:264 Resp: 313535
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 21.3 17.0 25.4

