

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135134.D
 Acq On : 07 Sep 2023 15:00
 Operator : CG\JU
 Sample : 04283-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Sep 07 17:17:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93026	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	383509	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	198021	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344825	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	176608	20.000	ng	0.00
86) Perylene-d12	15.427	264	188345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	768573	127.615	ng	0.01
7) Phenol-d6	6.416	99	952641	126.904	ng	0.00
23) Nitrobenzene-d5	7.334	82	604467	88.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	260492	124.009	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1102369	90.636	ng	0.00
79) Terphenyl-d14	12.904	244	1040284	96.125	ng	0.00

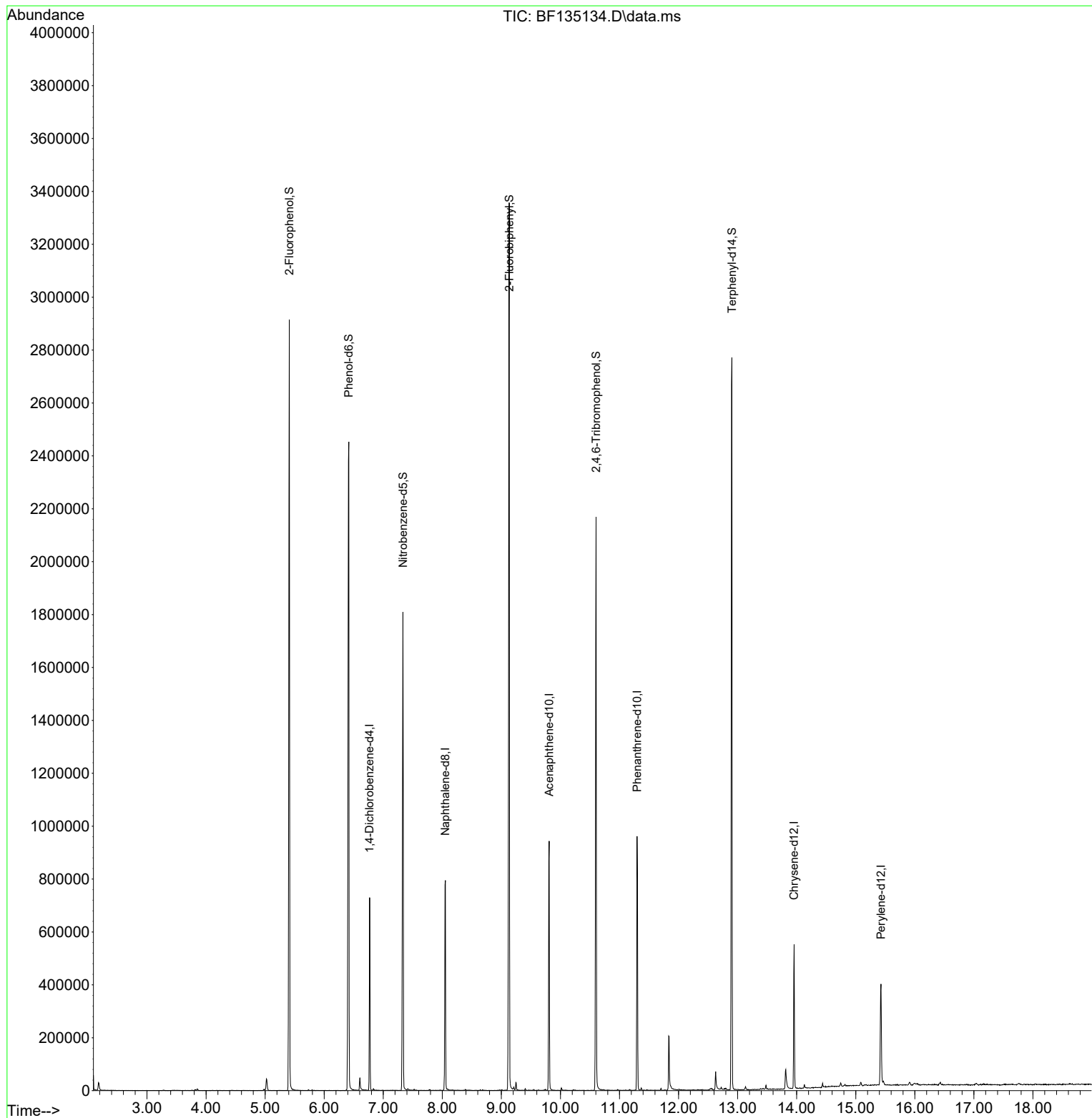
Target Compounds	Qvalue

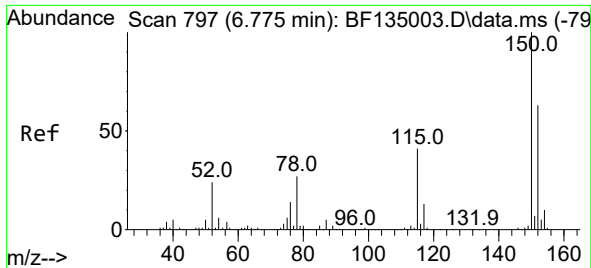
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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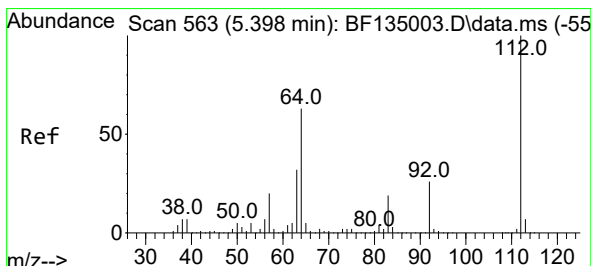
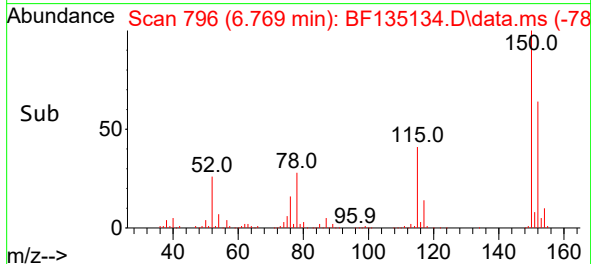
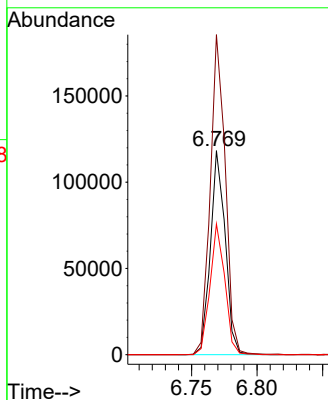
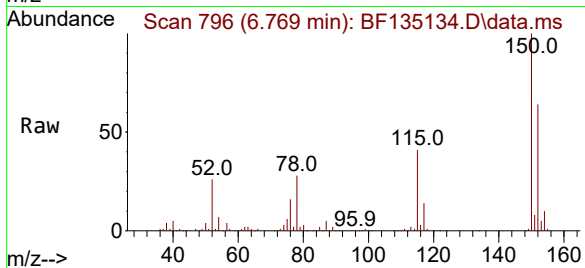




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

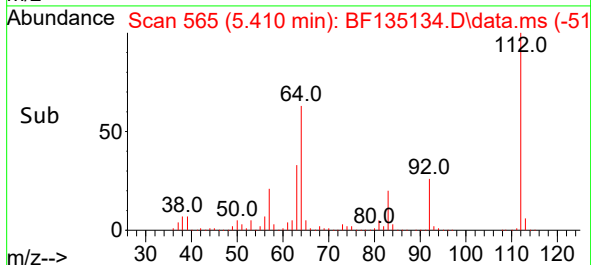
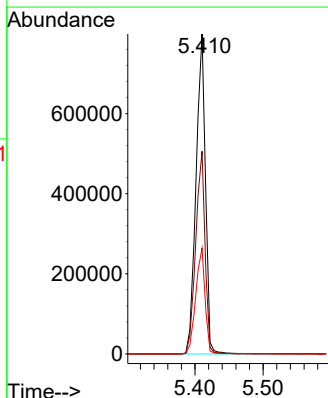
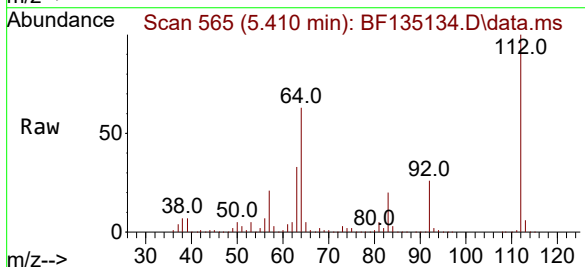
Instrument :
BNA_F
ClientSampleId :
SB-4

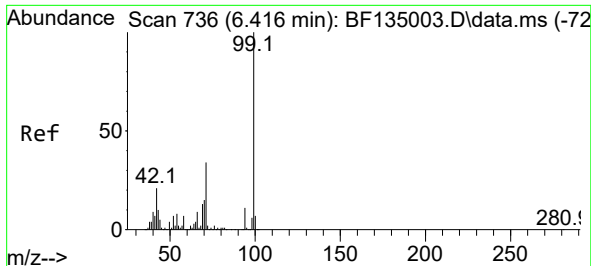
Tgt Ion:152 Resp: 93026
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 64.1 51.2 76.8



#5
2-Fluorophenol
Concen: 127.615 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:112 Resp: 768573
Ion Ratio Lower Upper
112 100
64 63.3 50.5 75.7
63 33.1 25.9 38.9

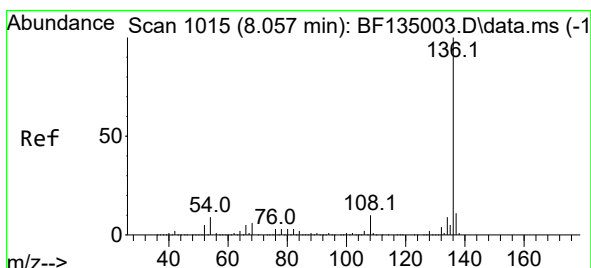
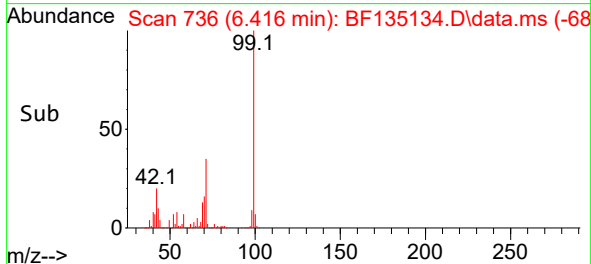
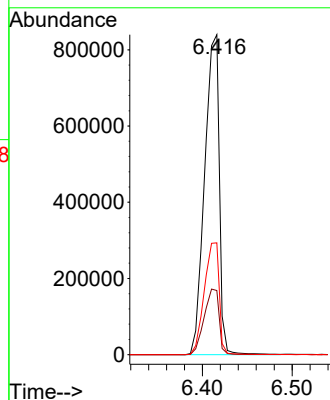
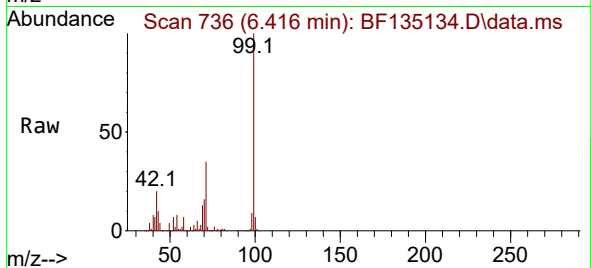




#7
Phenol-d6
Concen: 126.904 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

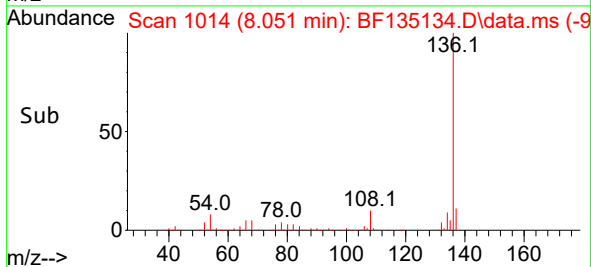
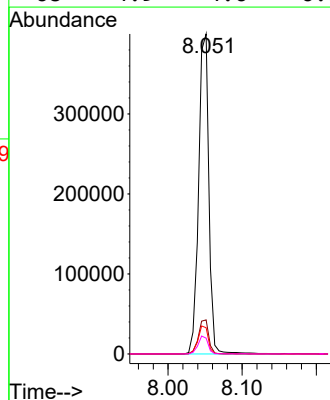
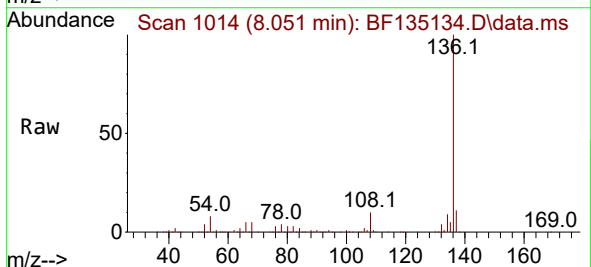
Instrument :
BNA_F
ClientSampleId :
SB-4

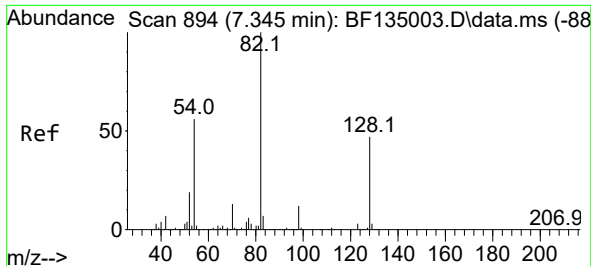
Tgt Ion: 99 Resp: 952641
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 35.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:136 Resp: 383509
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 7.0 10.4
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.549 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

SB-4

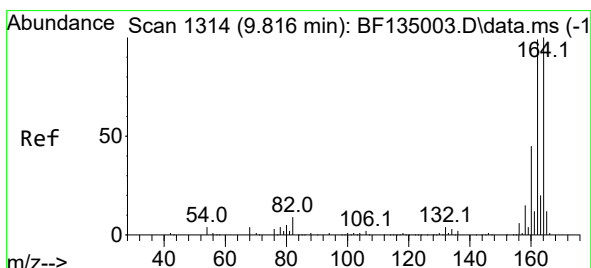
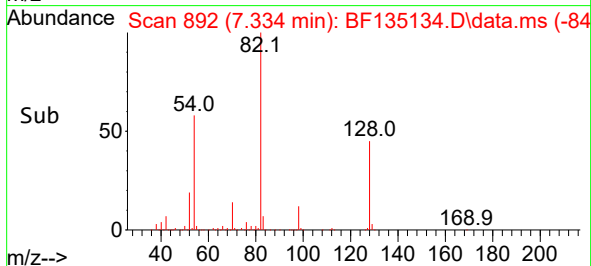
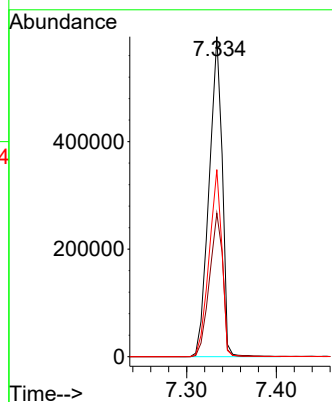
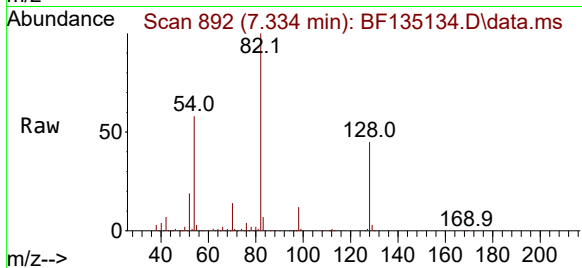
Tgt Ion: 82 Resp: 604467

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

54 58.5 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

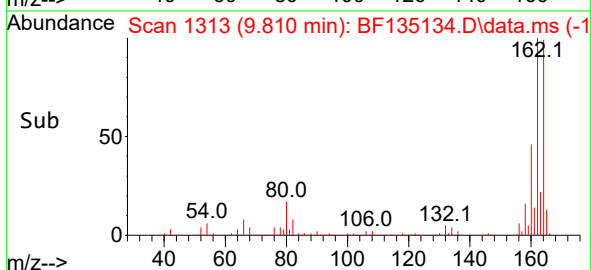
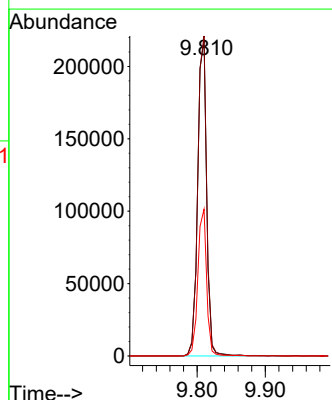
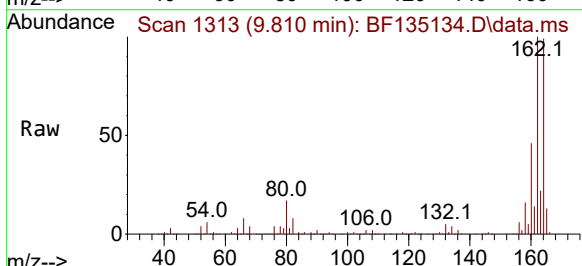
Tgt Ion: 164 Resp: 198021

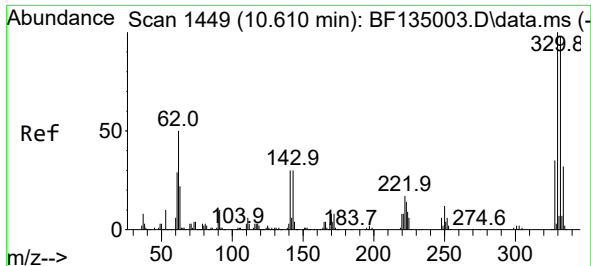
Ion Ratio Lower Upper

164 100

162 101.1 79.5 119.3

160 46.4 36.0 54.0

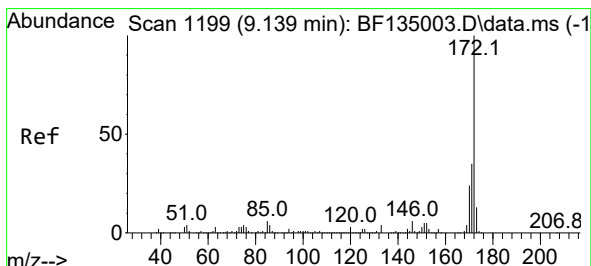
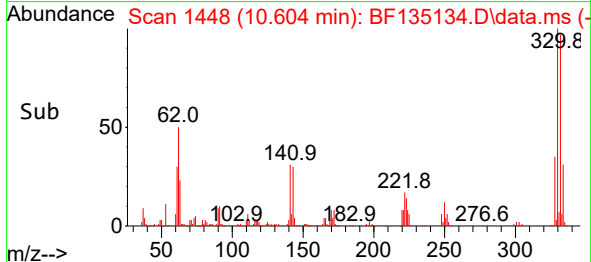
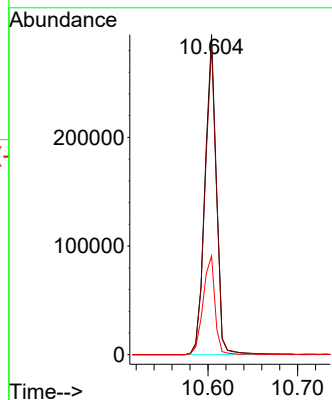
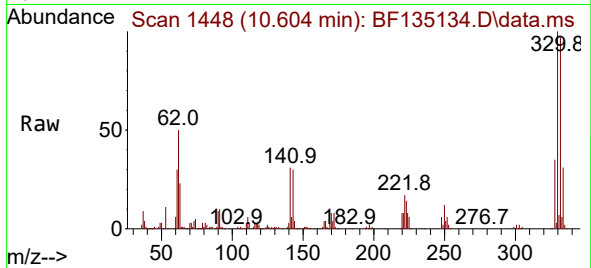




#42
2,4,6-Tribromophenol
Concen: 124.009 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

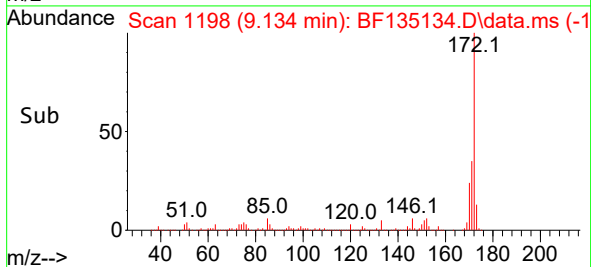
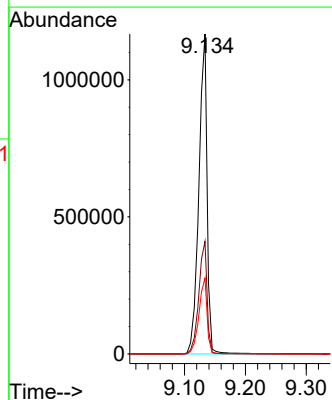
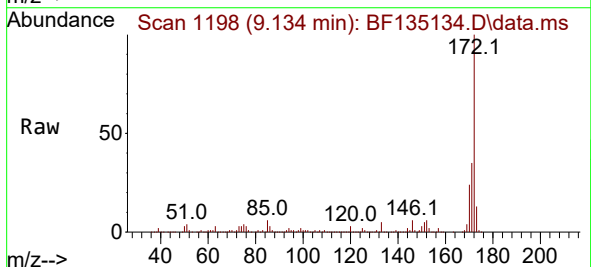
Instrument :
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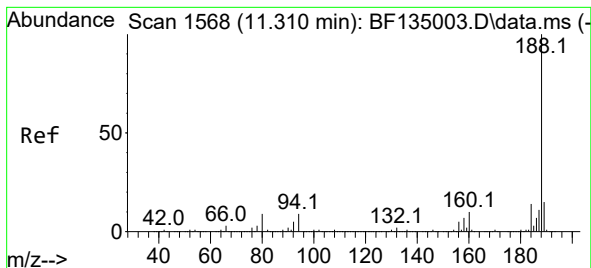
Tgt Ion:330 Resp: 260492
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 90.636 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:172 Resp: 1102369
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

SB-4

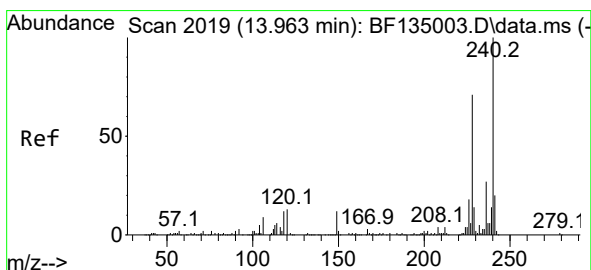
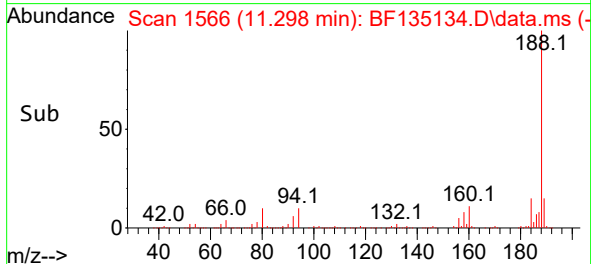
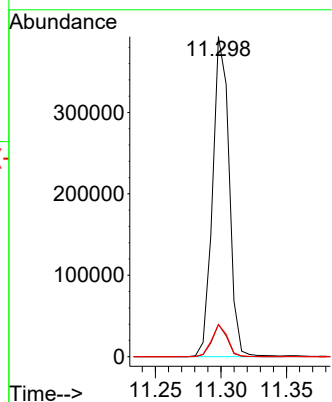
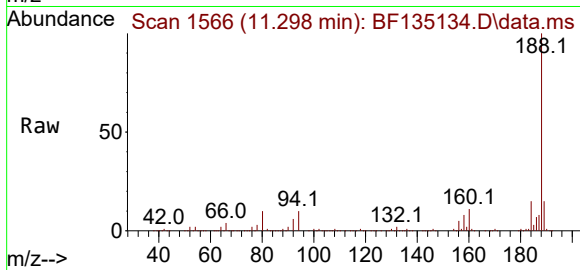
Tgt Ion:188 Resp: 344825

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 10.0 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

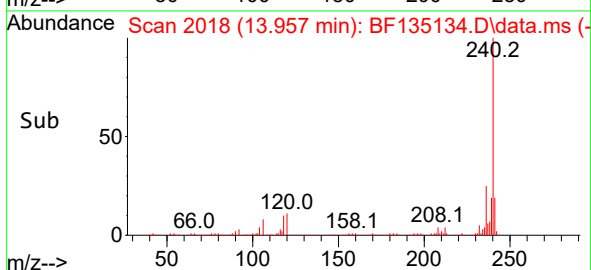
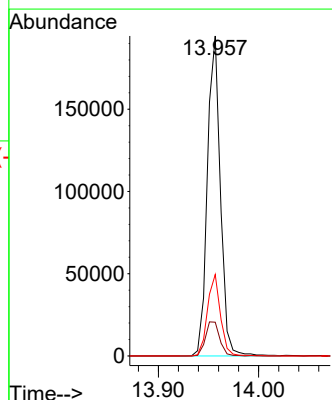
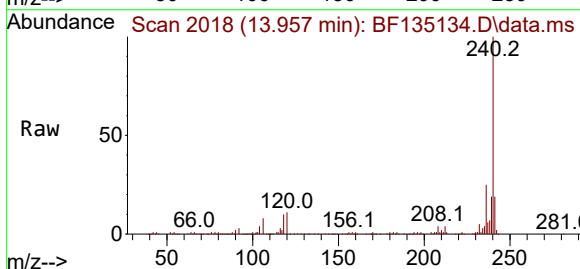
Tgt Ion:240 Resp: 176608

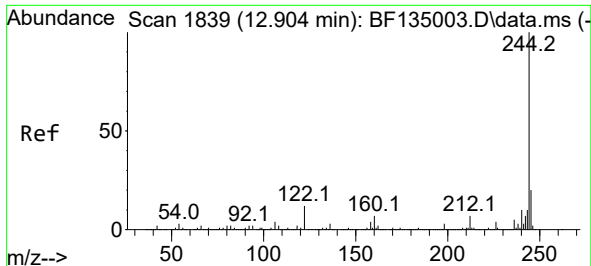
Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.2

236 25.4 21.3 31.9

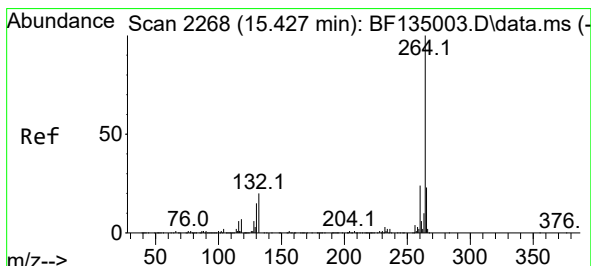
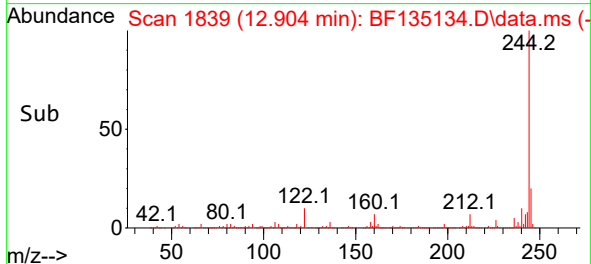
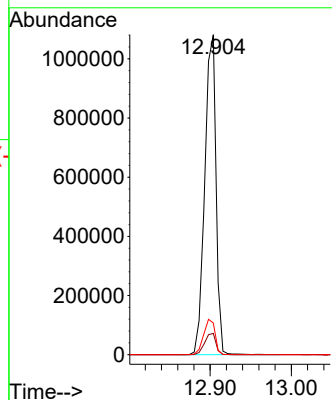
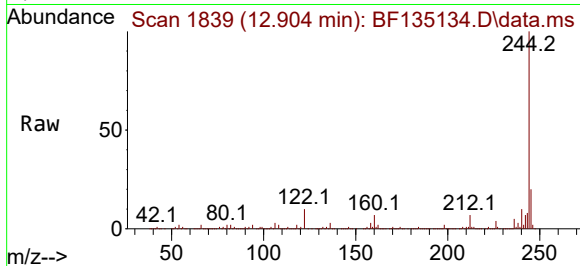




#79
 Terphenyl-d14
 Concen: 96.125 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135134.D
 Acq: 07 Sep 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 1040284
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135134.D
 Acq: 07 Sep 2023 15:00

Tgt Ion:264 Resp: 188345
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 20.9 18.2 27.2

