

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135138.D
 Acq On : 07 Sep 2023 17:19
 Operator : CG\JU
 Sample : 04283-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Sep 08 01:52:31 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	93229	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	381880	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	197923	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	348548	20.000	ng	-0.01
76) Chrysene-d12	13.956	240	180463	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	189998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	558643	92.556	ng	0.00
7) Phenol-d6	6.410	99	721083	95.849	ng	0.00
23) Nitrobenzene-d5	7.333	82	449770	66.168	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	181606	86.498	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	825884	67.937	ng	-0.01
79) Terphenyl-d14	12.898	244	759516	68.682	ng	0.00

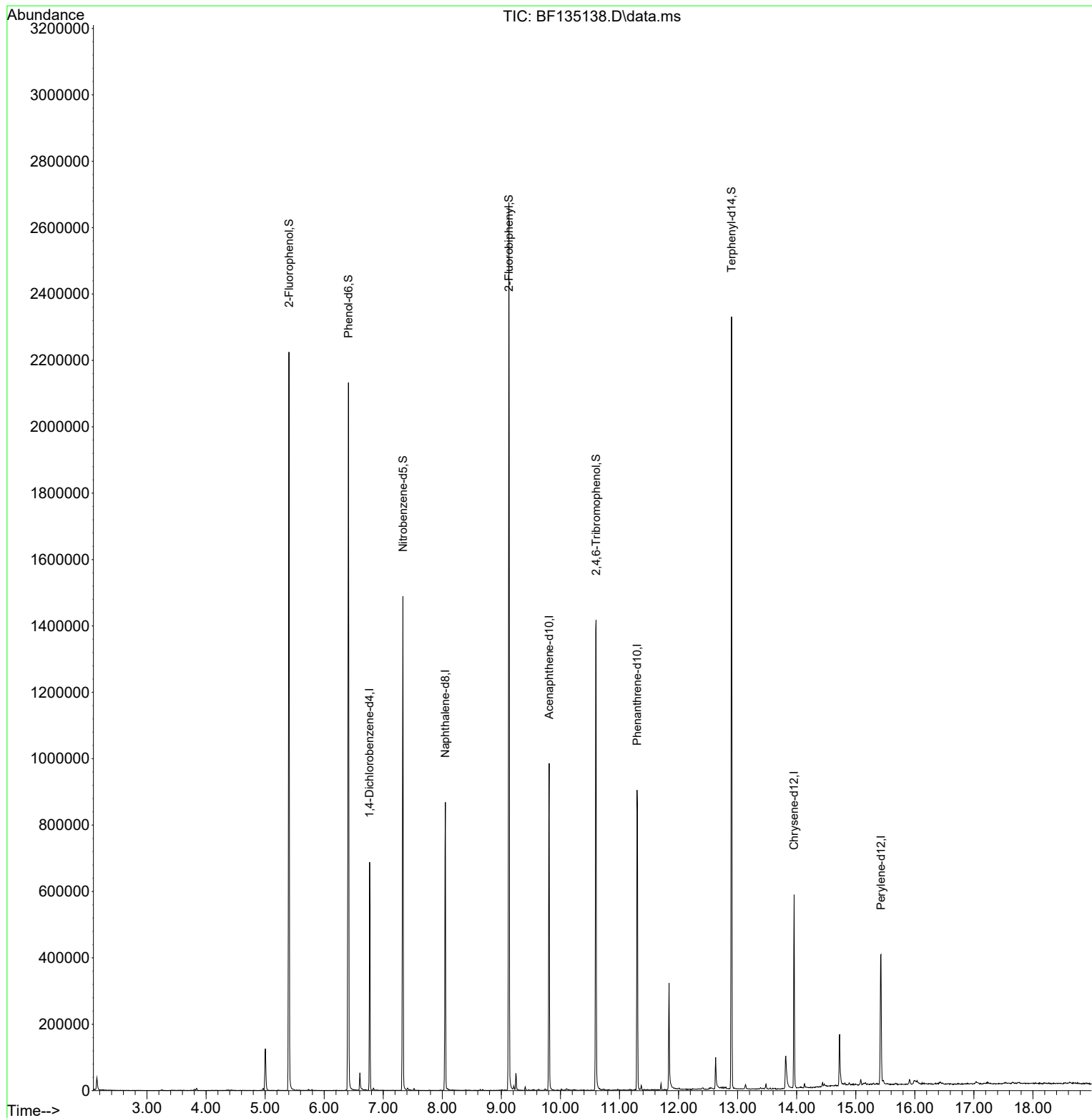
Target Compounds	Qvalue

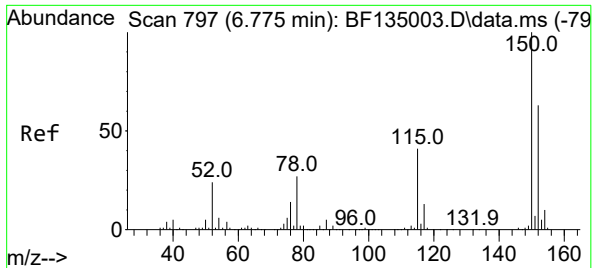
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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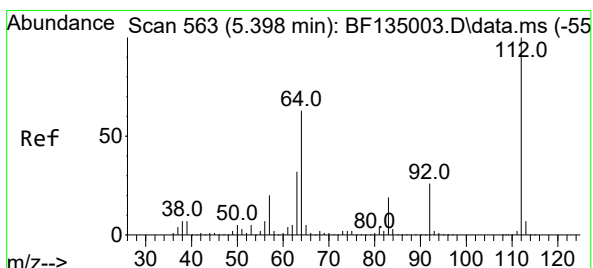
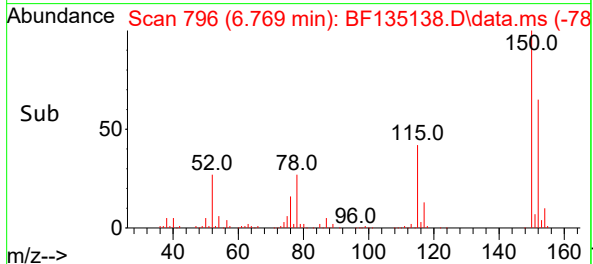
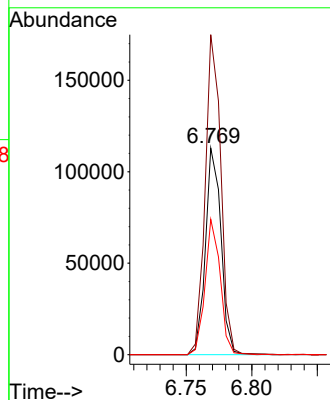
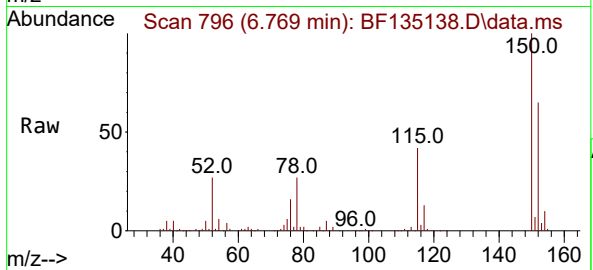




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135138.D
Acq: 07 Sep 2023 17:19

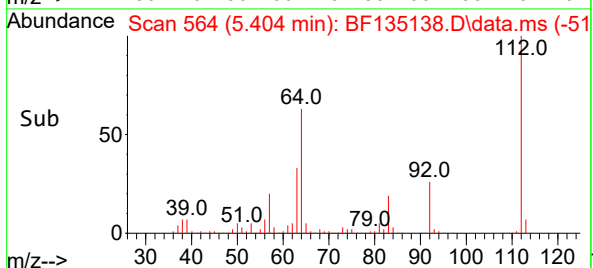
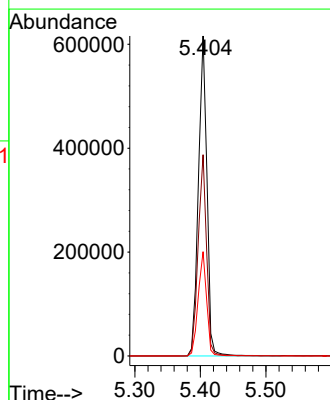
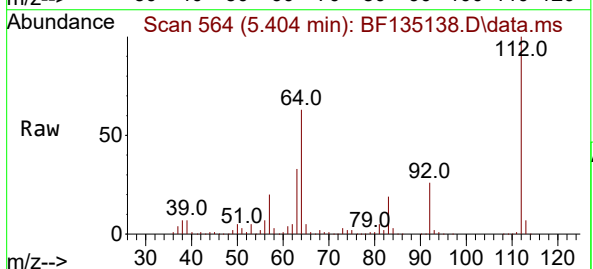
Instrument :
BNA_F
ClientSampleId :
C-3

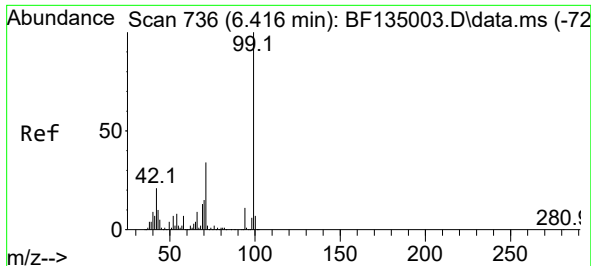
Tgt Ion:152 Resp: 93229
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.4
115 65.5 51.2 76.8



#5
2-Fluorophenol
Concen: 92.556 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135138.D
Acq: 07 Sep 2023 17:19

Tgt Ion:112 Resp: 558643
Ion Ratio Lower Upper
112 100
64 62.9 50.5 75.7
63 32.6 25.9 38.9





#7

Phenol-d6

Concen: 95.849 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135138.D

Acq: 07 Sep 2023 17:19

Instrument :

BNA_F

ClientSampleId :

C-3

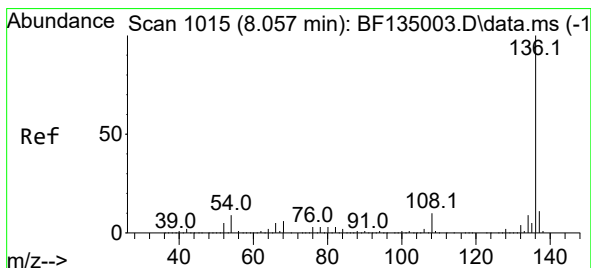
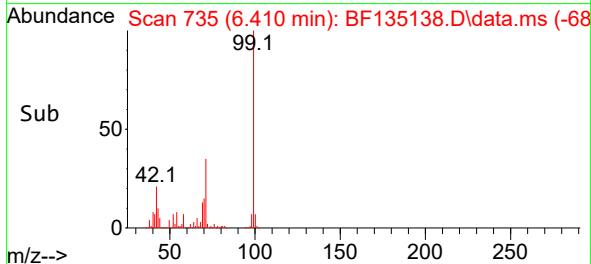
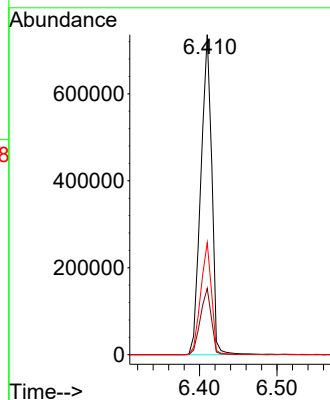
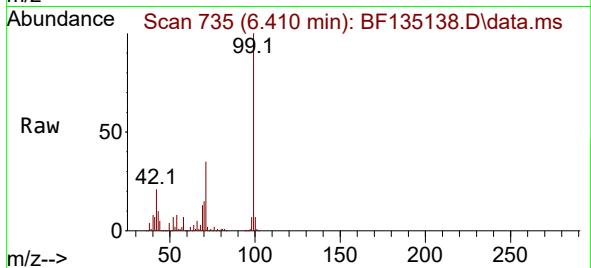
Tgt Ion: 99 Resp: 721083

Ion Ratio Lower Upper

99 100

42 20.8 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: BF135138.D

Acq: 07 Sep 2023 17:19

Tgt Ion: 136 Resp: 381880

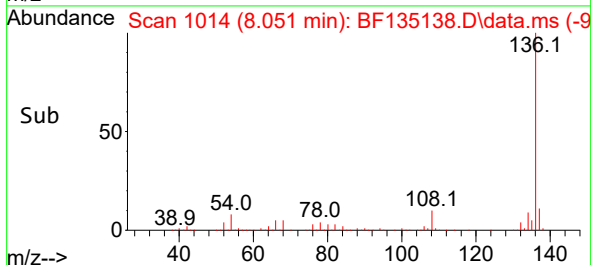
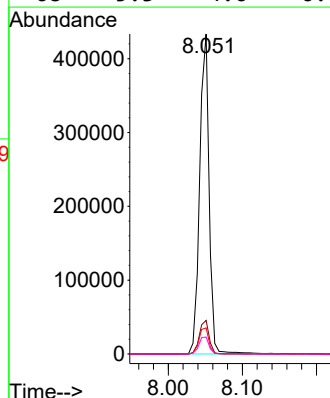
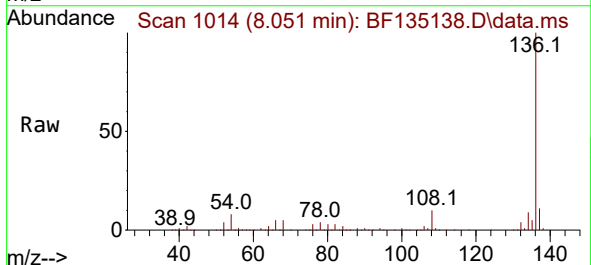
Ion Ratio Lower Upper

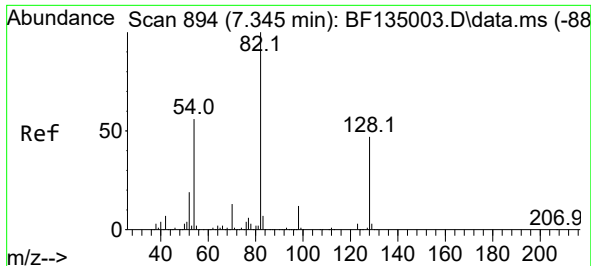
136 100

137 10.5 8.8 13.2

54 8.1 7.0 10.4

68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.168 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135138.D

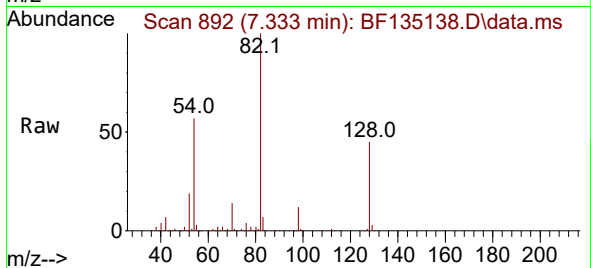
Acq: 07 Sep 2023 17:19

Instrument :

BNA_F

ClientSampleId :

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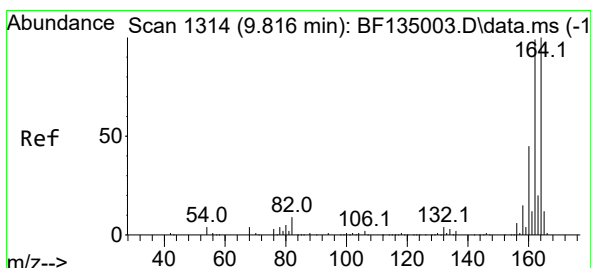
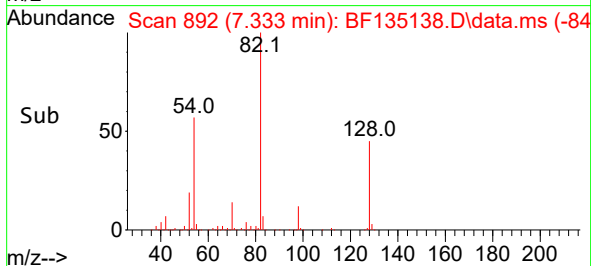
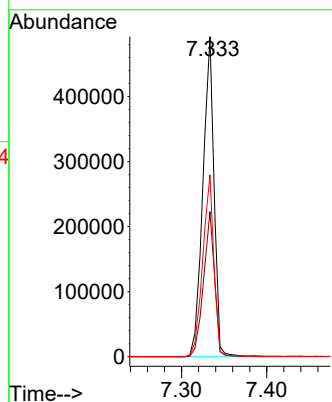
Tgt Ion: 82 Resp: 449770

Ion Ratio Lower Upper

82 100

128 45.4 37.8 56.8

54 56.8 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: BF135138.D

Acq: 07 Sep 2023 17:19

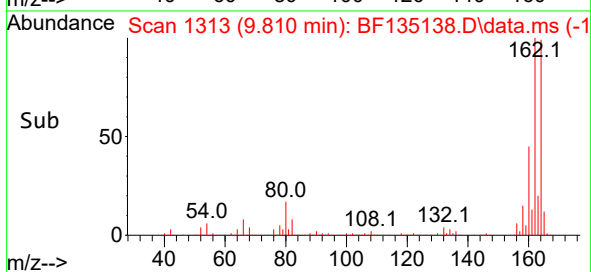
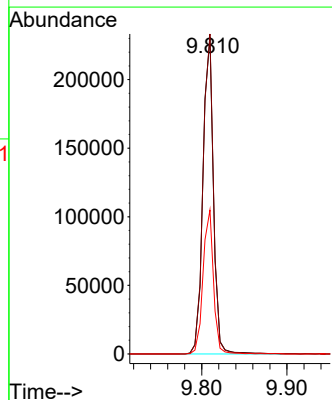
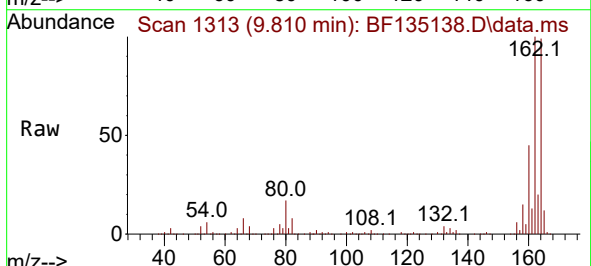
Tgt Ion: 164 Resp: 197923

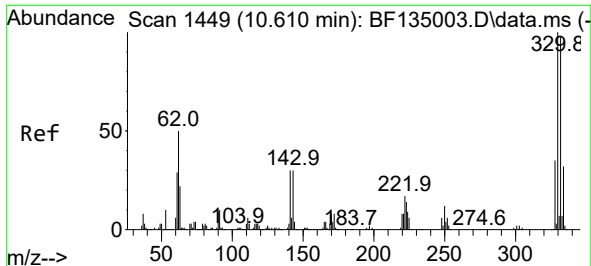
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 45.4 36.0 54.0

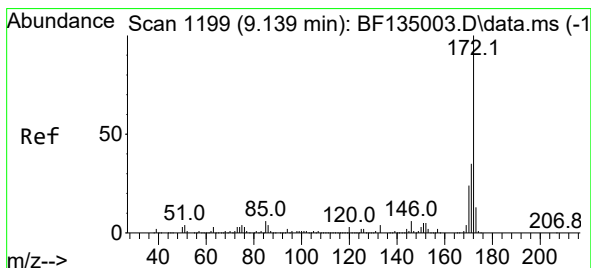
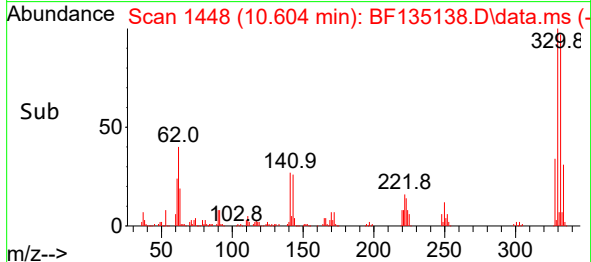
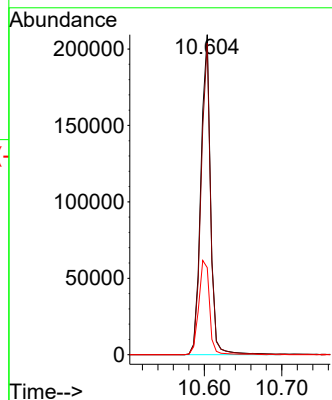
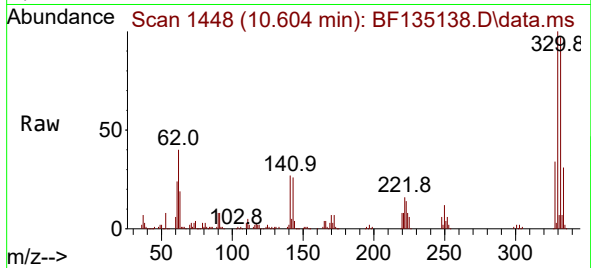




#42
2,4,6-Tribromophenol
Concen: 86.498 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135138.D
Acq: 07 Sep 2023 17:19

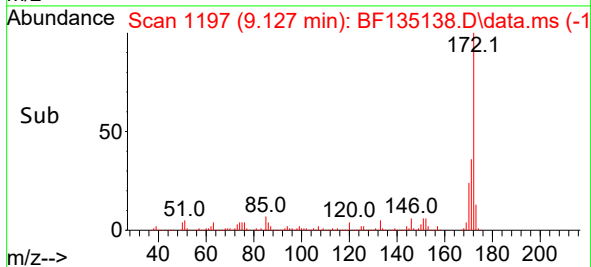
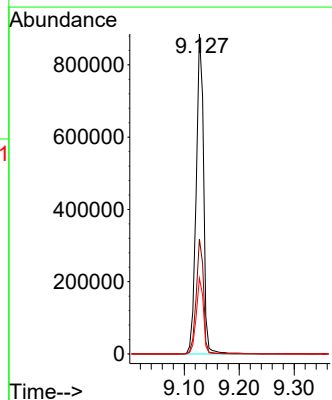
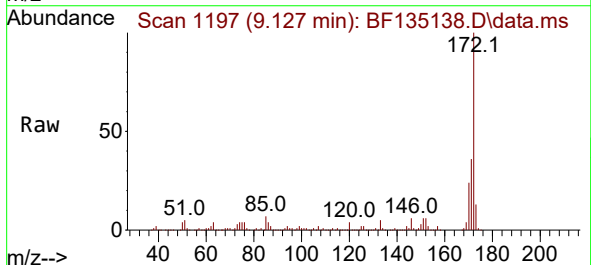
Instrument :
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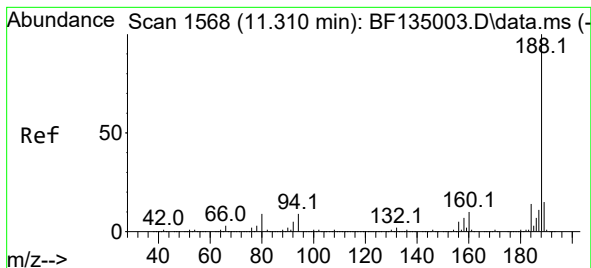
Tgt Ion:330 Resp: 181606
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.937 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135138.D
Acq: 07 Sep 2023 17:19

Tgt Ion:172 Resp: 825884
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.6 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: BF135138.D

Acq: 07 Sep 2023 17:19

Instrument :

BNA_F

ClientSampleId :

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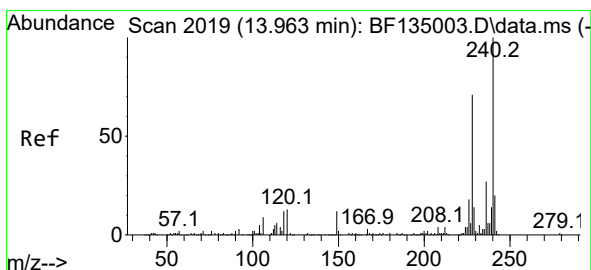
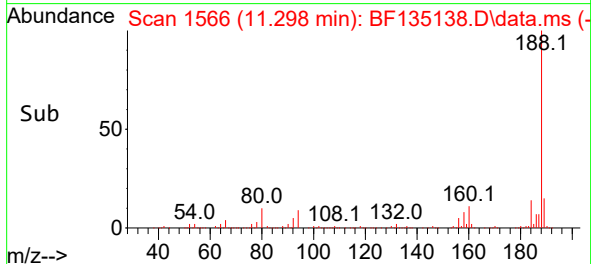
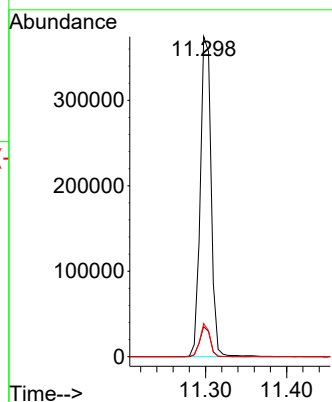
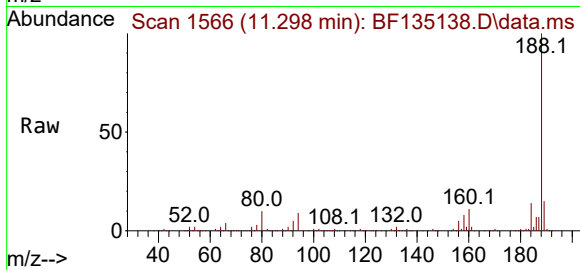
Tgt Ion:188 Resp: 348548

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.3 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.956 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135138.D

Acq: 07 Sep 2023 17:19

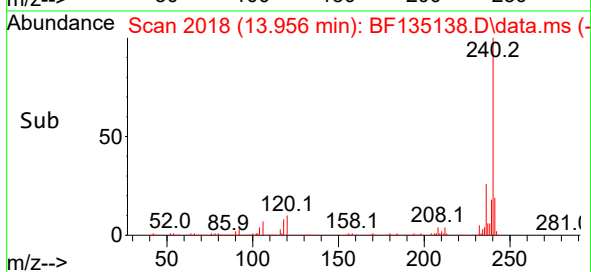
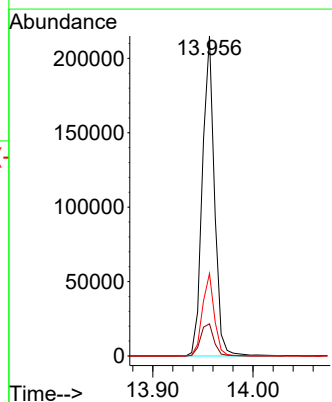
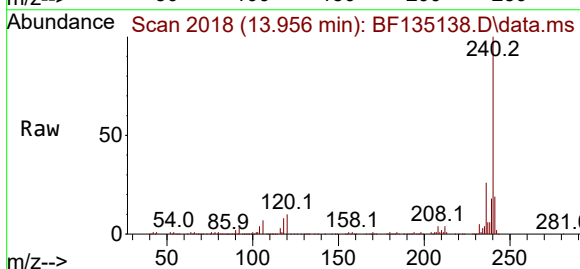
Tgt Ion:240 Resp: 180463

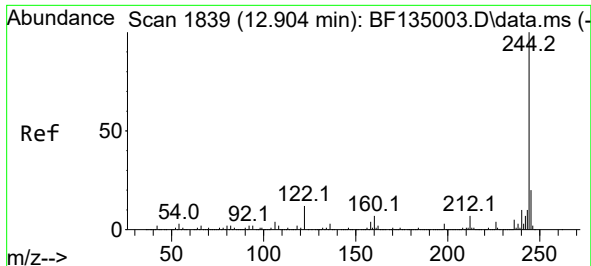
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.2#

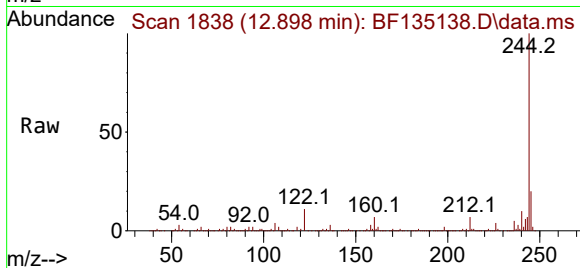
236 25.8 21.3 31.9



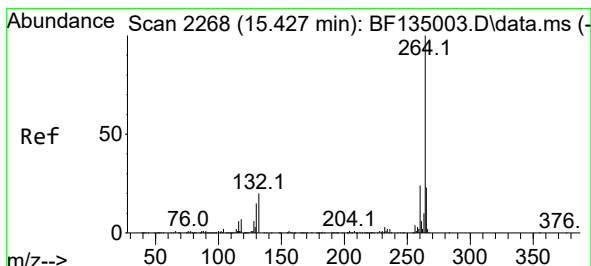
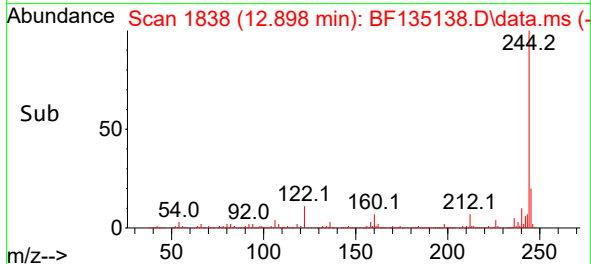
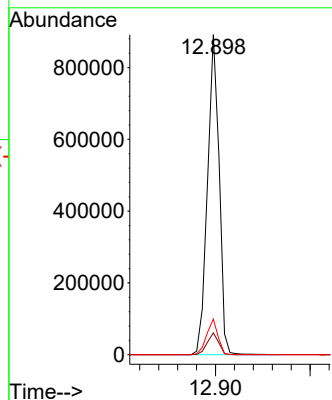


#79
 Terphenyl-d14
 Concen: 68.682 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135138.D
 Acq: 07 Sep 2023 17:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 759516
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 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: BF135138.D
 Acq: 07 Sep 2023 17:19

Tgt Ion:264 Resp: 189998
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 20.6 18.2 27.2

