

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135224.D
 Acq On : 13 Sep 2023 15:50
 Operator : CG\JU
 Sample : PB155368BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155368BL

Quant Time: Sep 13 16:10:07 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	133174	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	517617	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	272204	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	544384	20.000	ng	0.00
76) Chrysene-d12	13.945	240	284579	20.000	ng	0.00
86) Perylene-d12	15.415	264	275653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	997615	121.838	ng	0.02
7) Phenol-d6	6.410	99	1236171	118.731	ng	0.00
23) Nitrobenzene-d5	7.328	82	785329	82.429	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	347001	128.279	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1449259	80.327	ng	0.00
79) Terphenyl-d14	12.898	244	1492864	81.321	ng	0.00

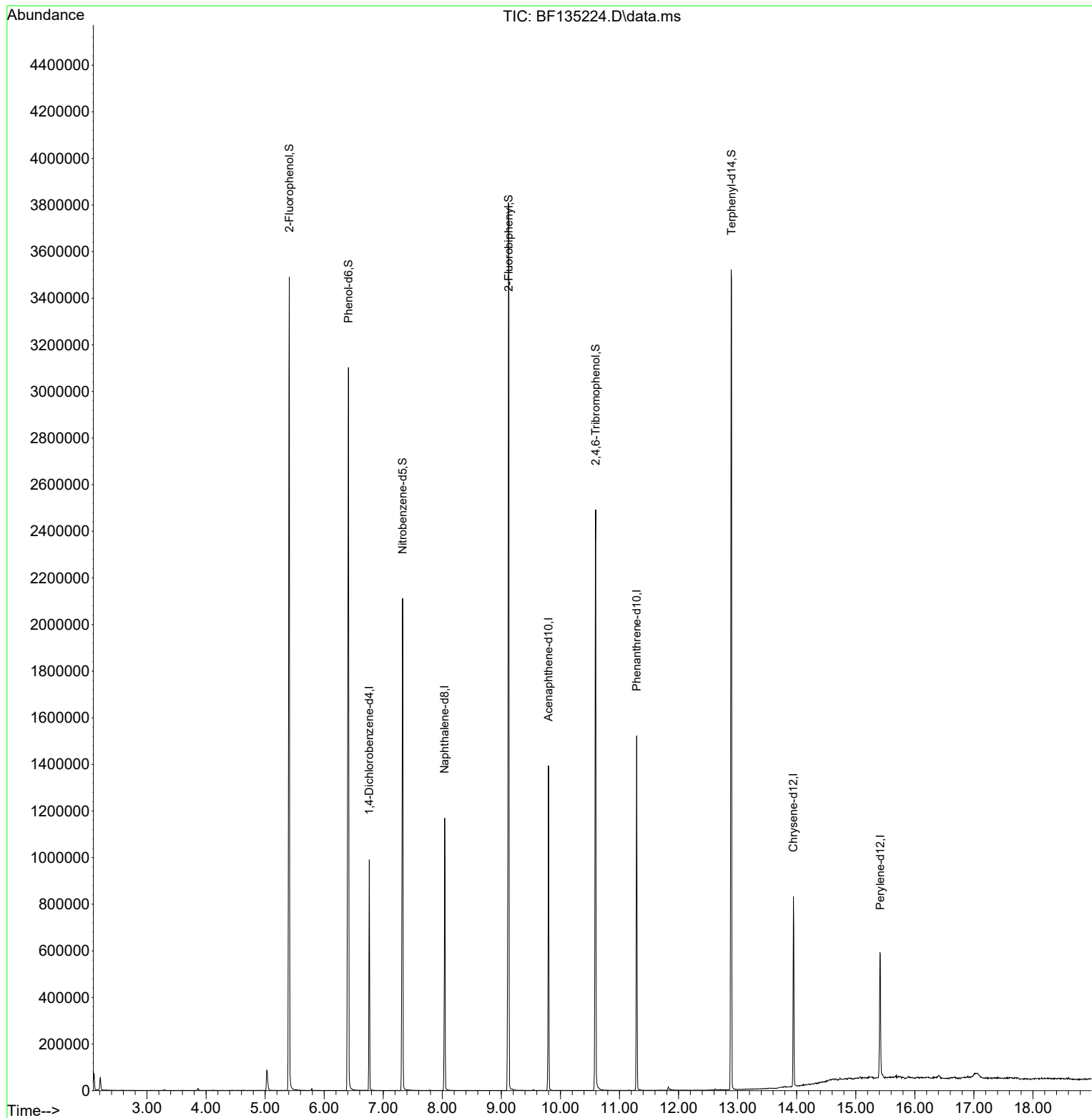
Target Compounds	Qvalue

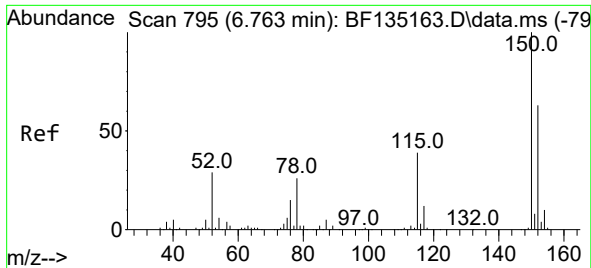
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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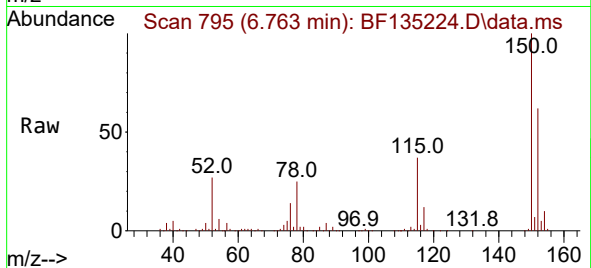
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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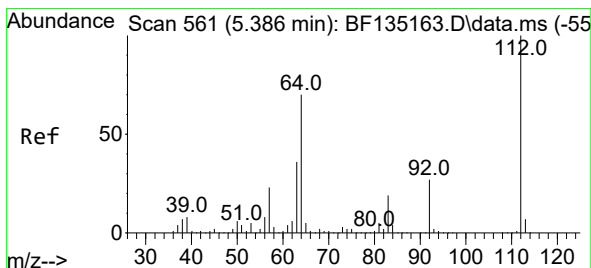
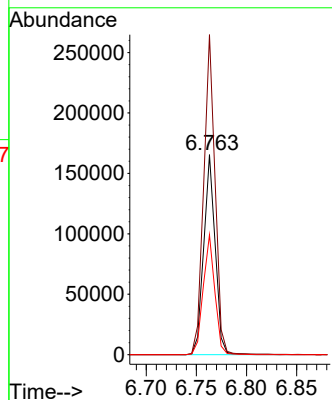
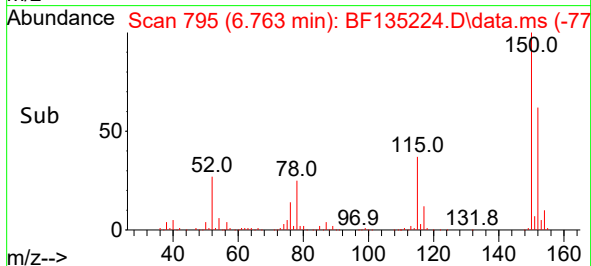


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135224.D
Acq: 13 Sep 2023 15:50

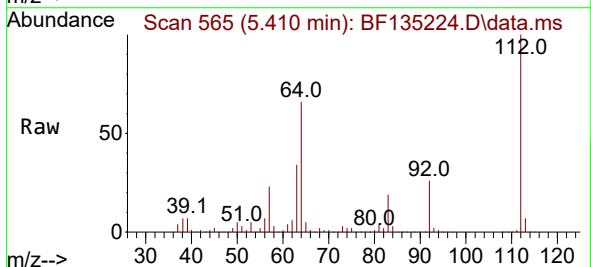
Instrument :
BNA_F
ClientSampleId :
PB155368BL



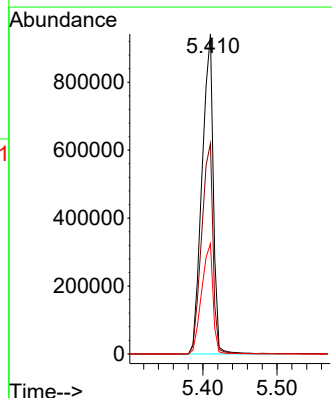
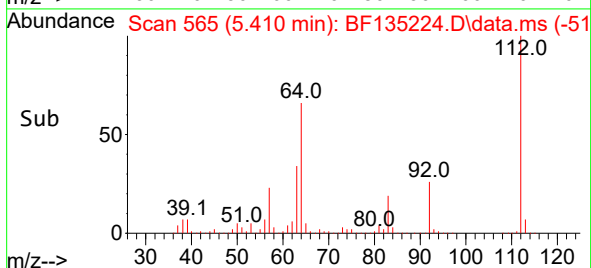
Tgt Ion:152 Resp: 133174
Ion Ratio Lower Upper
152 100
150 160.0 127.8 191.6
115 59.9 49.8 74.8

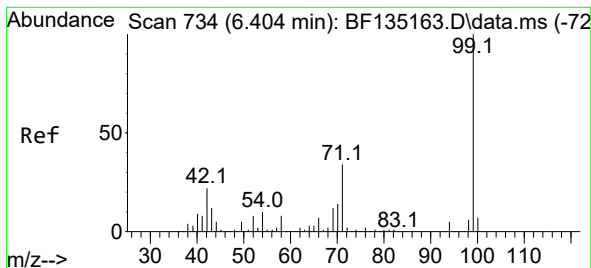


#5
2-Fluorophenol
Concen: 121.838 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135224.D
Acq: 13 Sep 2023 15:50



Tgt Ion:112 Resp: 997615
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 34.5 29.0 43.6





#7

Phenol-d6

Concen: 118.731 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135224.D

Acq: 13 Sep 2023 15:50

Instrument :

BNA_F

ClientSampleId :

PB155368BL

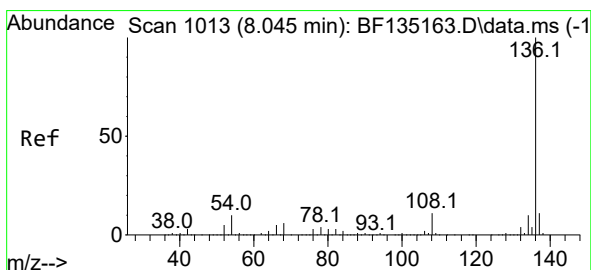
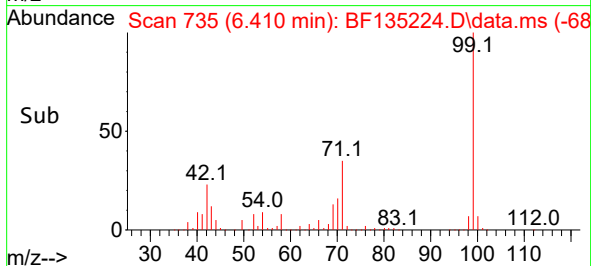
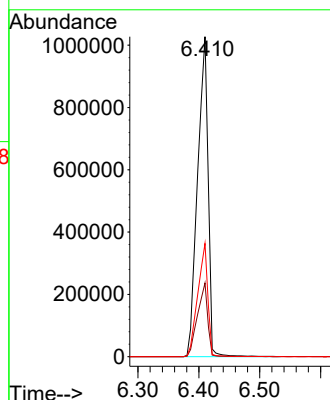
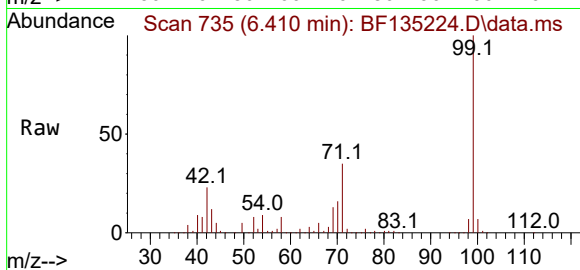
Tgt Ion: 99 Resp: 1236171

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 35.4 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: BF135224.D

Acq: 13 Sep 2023 15:50

Tgt Ion:136 Resp: 517617

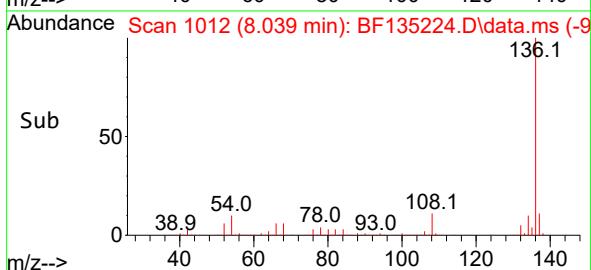
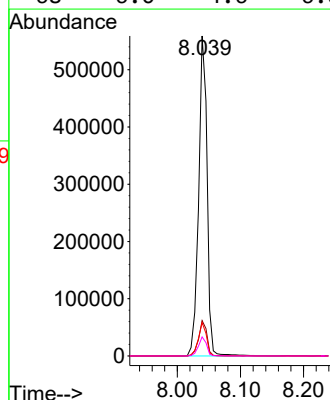
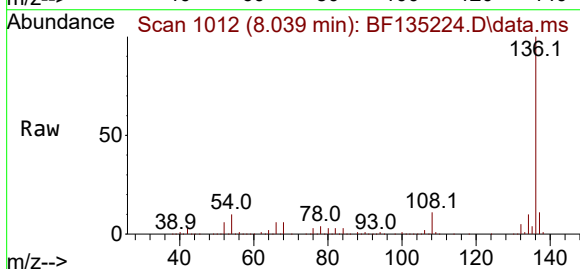
Ion Ratio Lower Upper

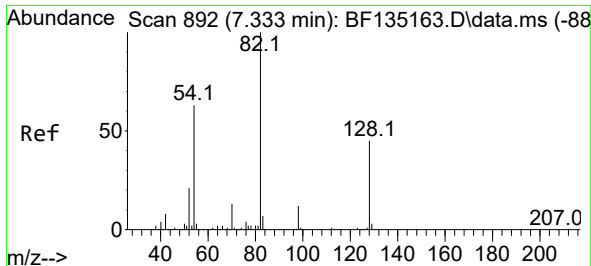
136 100

137 11.0 8.8 13.2

54 10.4 7.7 11.5

68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 82.429 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135224.D

Acq: 13 Sep 2023 15:50

Instrument :

BNA_F

ClientSampleId :

PB155368BL

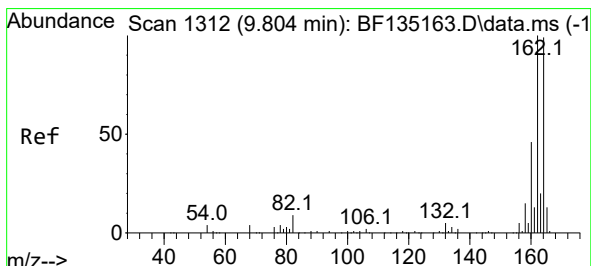
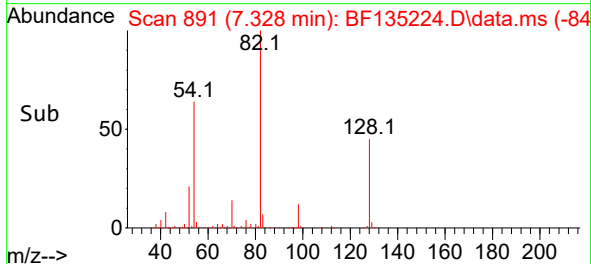
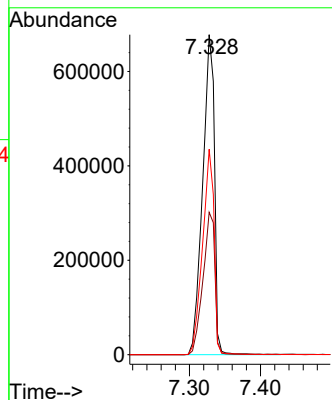
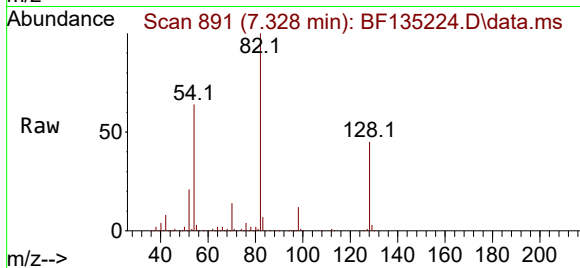
Tgt Ion: 82 Resp: 785329

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 64.2 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: BF135224.D

Acq: 13 Sep 2023 15:50

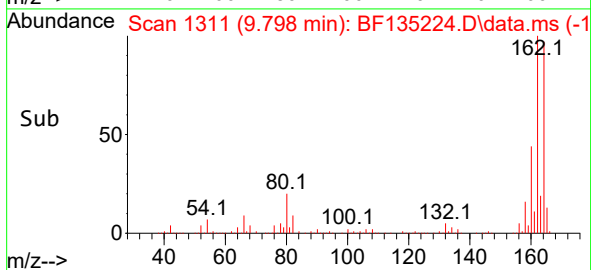
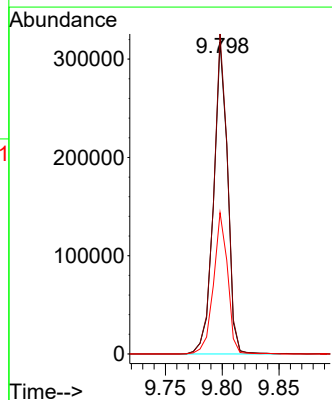
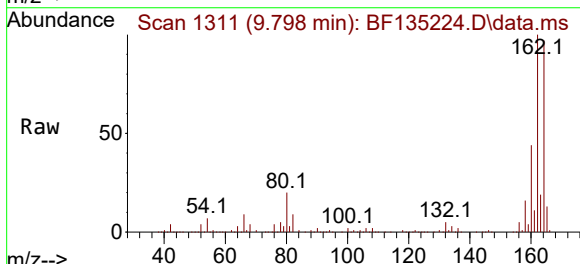
Tgt Ion: 164 Resp: 272204

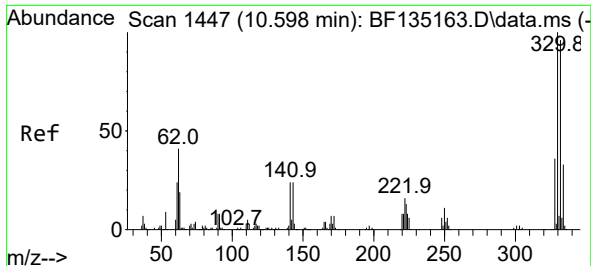
Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 45.3 37.0 55.4

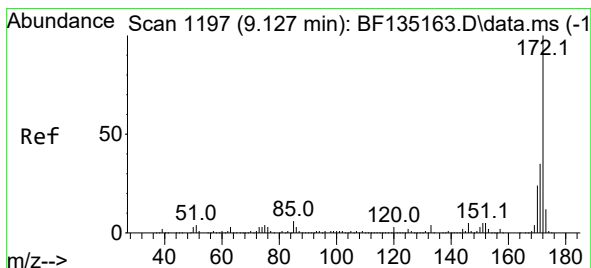
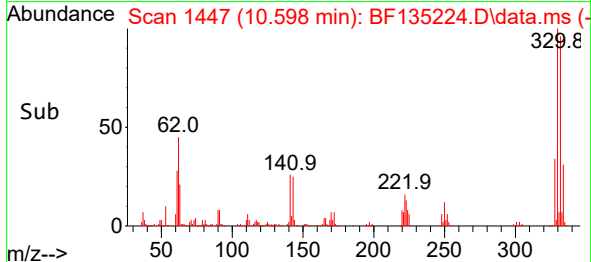
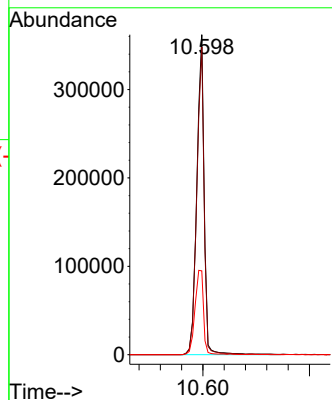
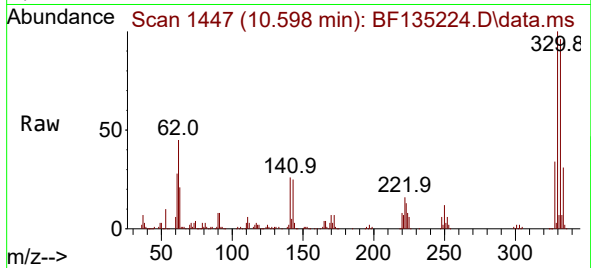




#42
2,4,6-Tribromophenol
Concen: 128.279 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135224.D
Acq: 13 Sep 2023 15:50

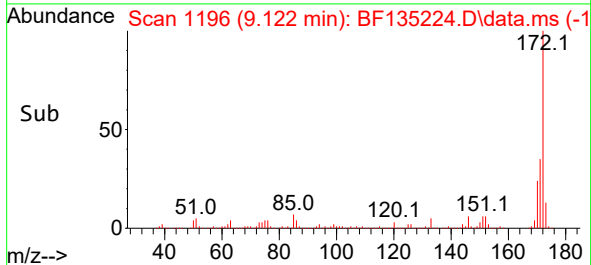
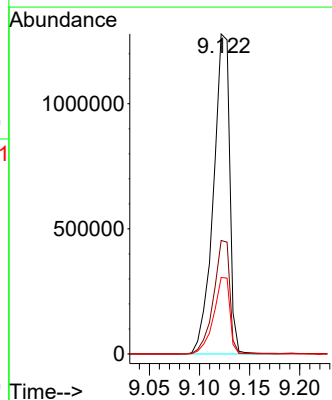
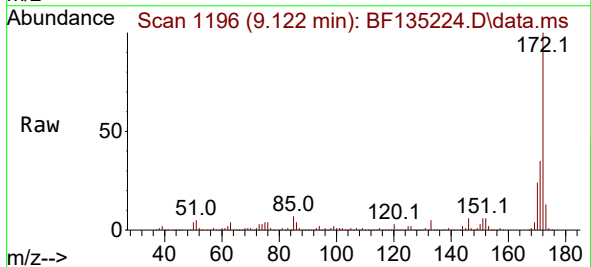
Instrument :
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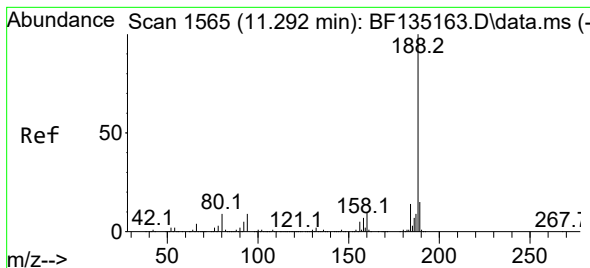
Tgt Ion: 330 Resp: 347001
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 30.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.327 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135224.D
Acq: 13 Sep 2023 15:50

Tgt Ion: 172 Resp: 1449259
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.9 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: BF135224.D

Acq: 13 Sep 2023 15:50

Instrument :

BNA_F

ClientSampleId :

PB155368BL

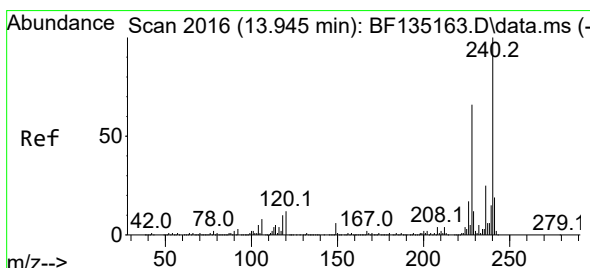
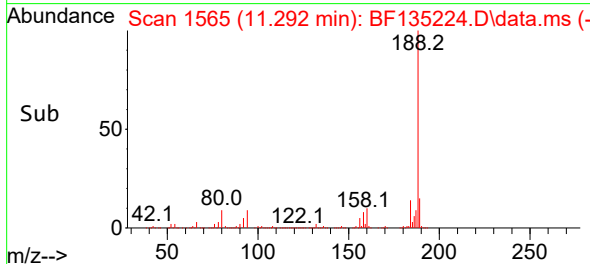
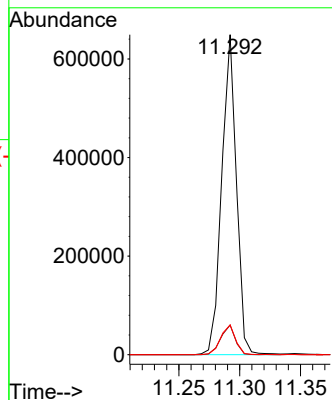
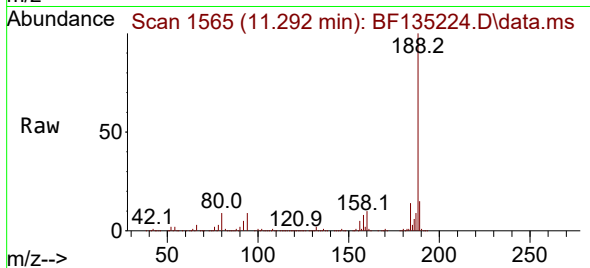
Tgt Ion:188 Resp: 544384

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.3 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: BF135224.D

Acq: 13 Sep 2023 15:50

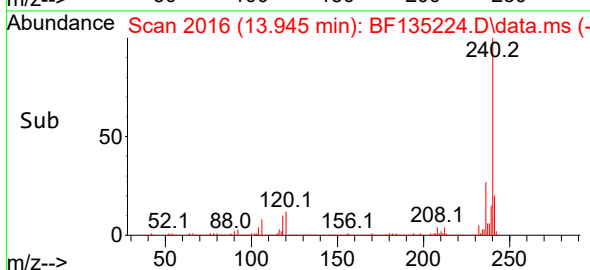
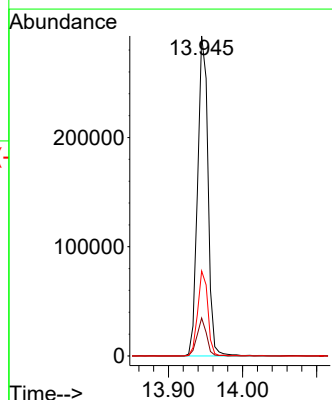
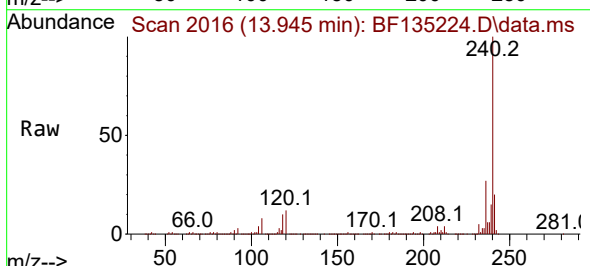
Tgt Ion:240 Resp: 284579

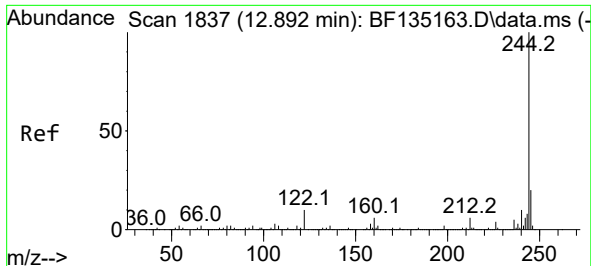
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

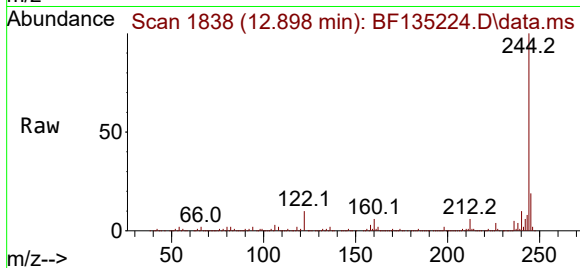
236 26.6 19.8 29.8



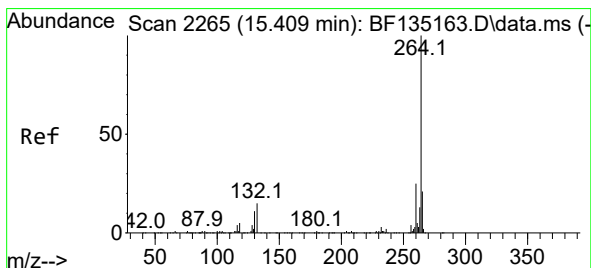
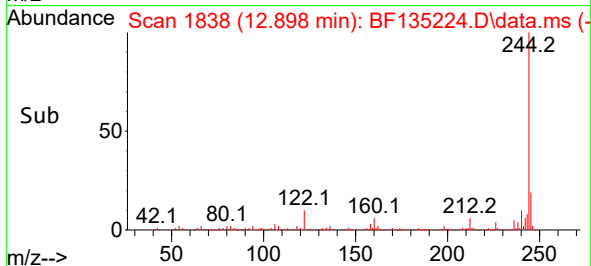
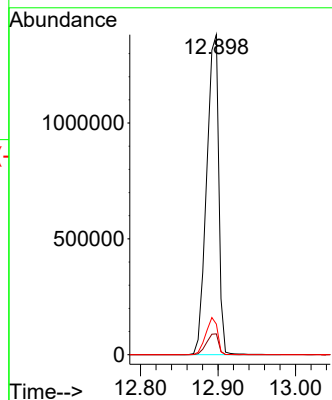


#79
 Terphenyl-d14
 Concen: 81.321 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF135224.D
 Acq: 13 Sep 2023 15:50

Instrument :
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Tgt Ion:244 Resp: 1492864
 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: BF135224.D
 Acq: 13 Sep 2023 15:50

Tgt Ion:264 Resp: 275653
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 21.0 17.0 25.4

