

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135564.D
 Acq On : 04 Oct 2023 11:13
 Operator : CG\JU
 Sample : PB156015BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Quant Time: Oct 04 17:13:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141744	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	539400	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	267167	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	503386	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	316893	20.000	ng	0.00
86) Perylene-d12	15.386	264	229209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1143419	131.202	ng	0.01
7) Phenol-d6	6.387	99	1433715	129.378	ng	0.00
23) Nitrobenzene-d5	7.304	82	913615	92.021	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	320492	120.713	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1475512	83.324	ng	0.00
79) Terphenyl-d14	12.863	244	1548301	75.741	ng	0.00

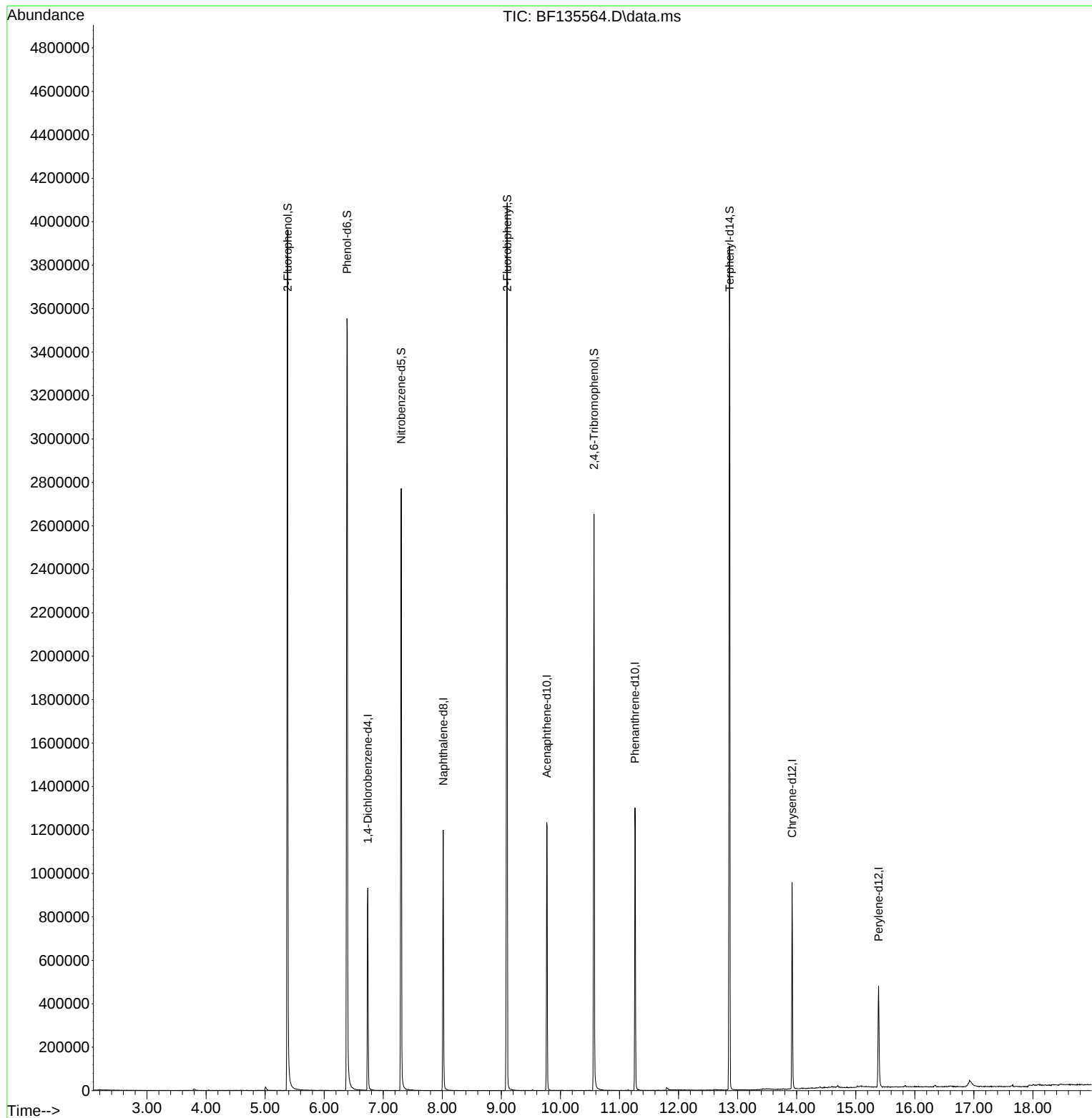
Target Compounds	Qvalue

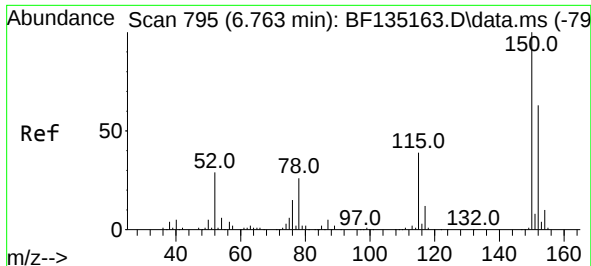
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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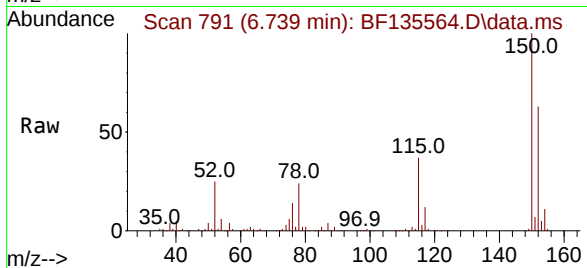
Quant Time: Oct 04 17:13:28 2023
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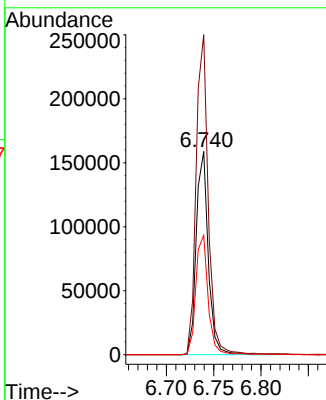
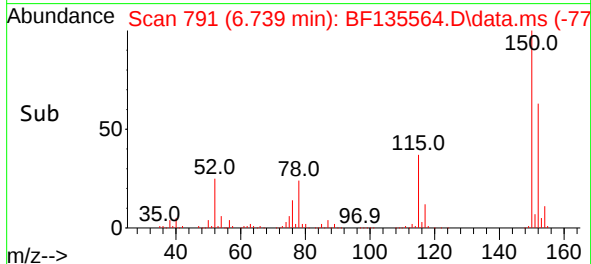


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Instrument :
BNA_F
ClientSampleId :
PB156015BL

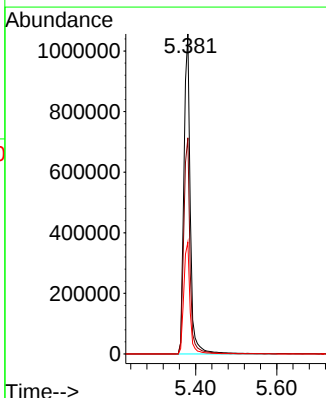
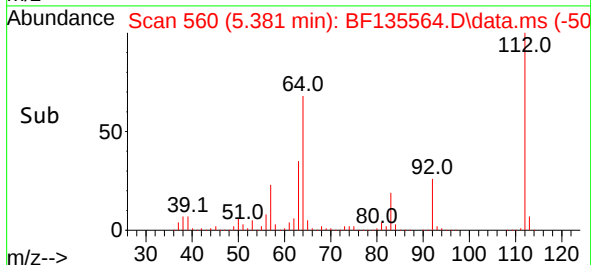
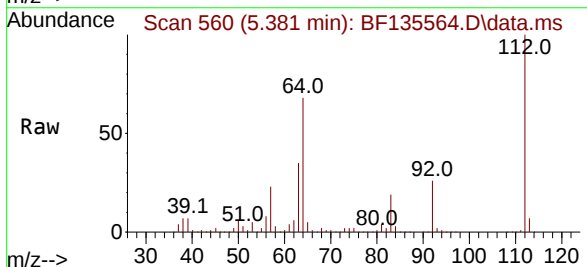


Tgt Ion:152 Resp: 141744
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 131.202 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:112 Resp: 1143419
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.0 29.0 43.6

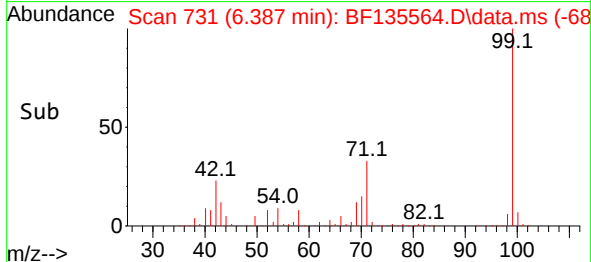
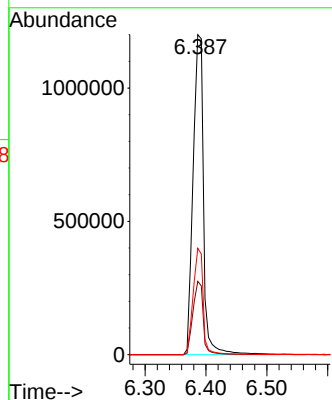
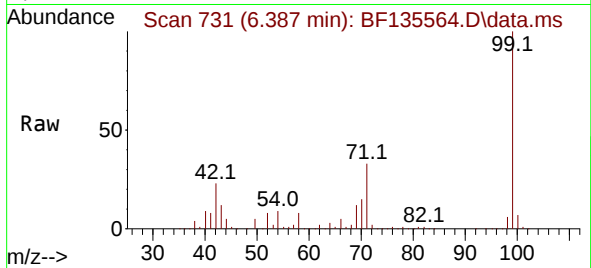




#7
Phenol-d6
Concen: 129.378 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

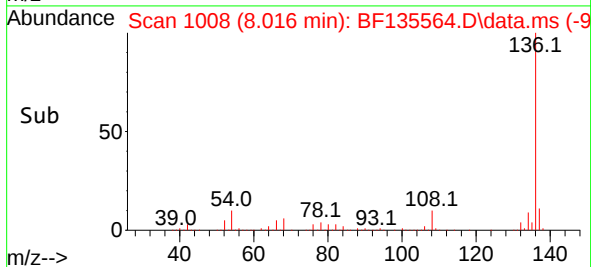
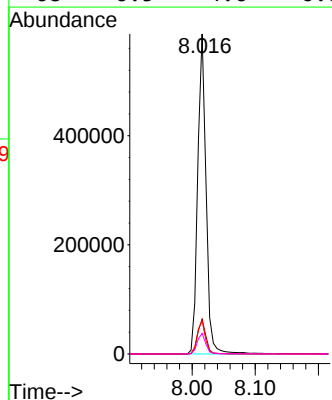
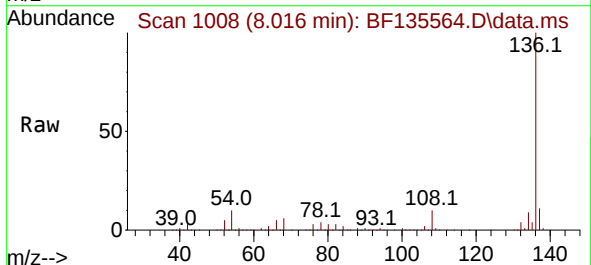
Instrument :
BNA_F
ClientSampleId :
PB156015BL

Tgt Ion: 99 Resp: 1433715
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:136 Resp: 539400
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.021 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB156015BL

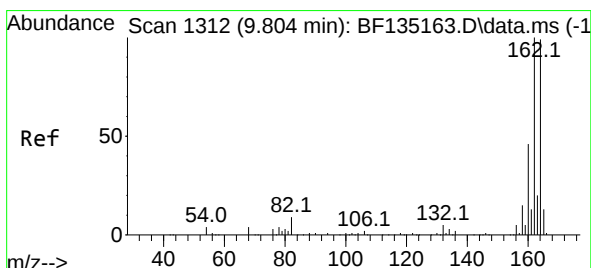
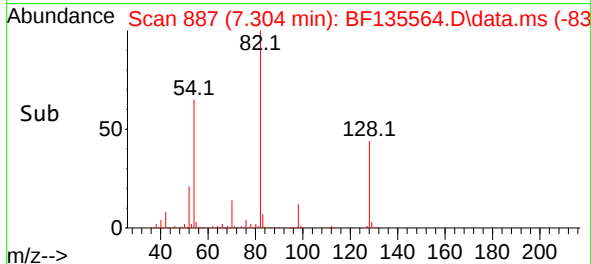
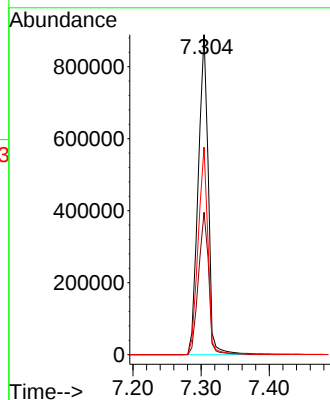
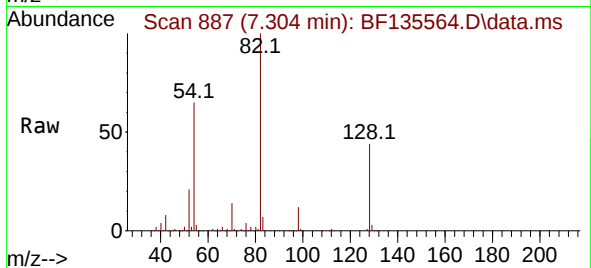
Tgt Ion: 82 Resp: 913615

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 64.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

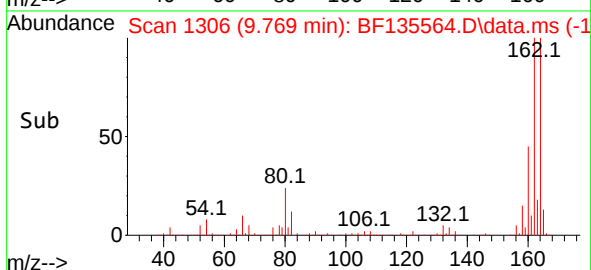
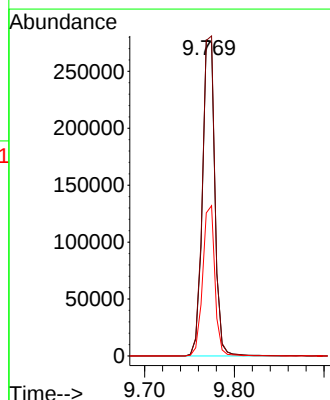
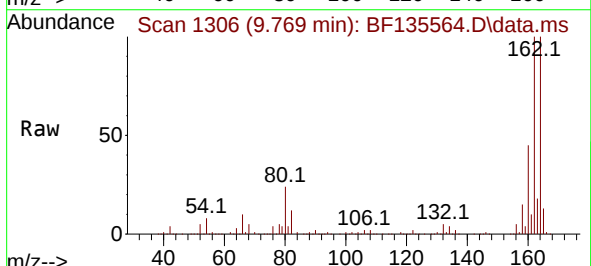
Tgt Ion:164 Resp: 267167

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

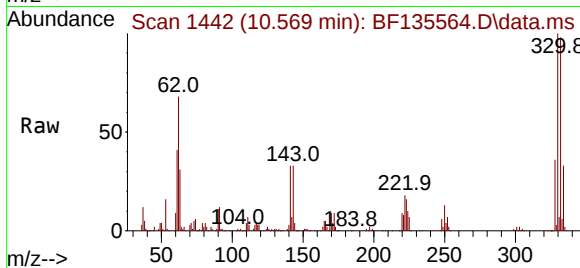
160 45.3 37.0 55.4



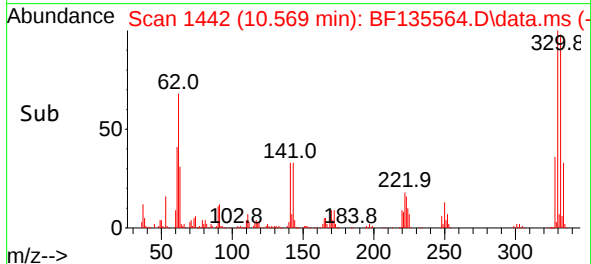
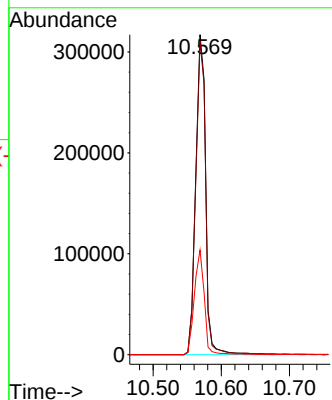


#42
2,4,6-Tribromophenol
Concen: 120.713 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Instrument :
BNA_F
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PB156015BL

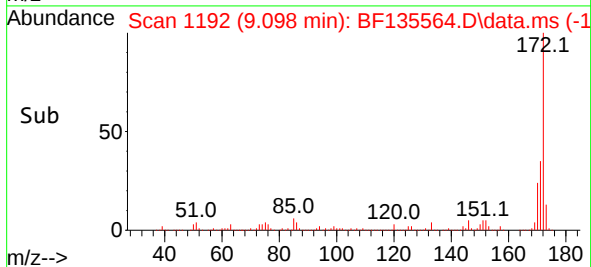
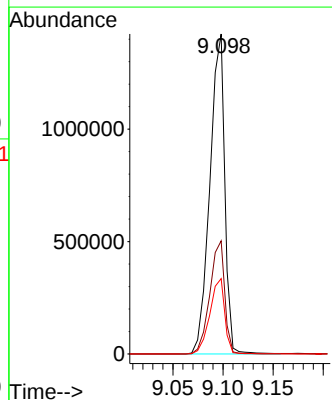
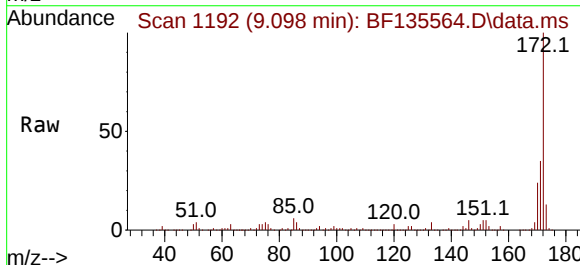


Tgt Ion:330 Resp: 320492
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 32.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.324 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:172 Resp: 1475512
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB156015BL

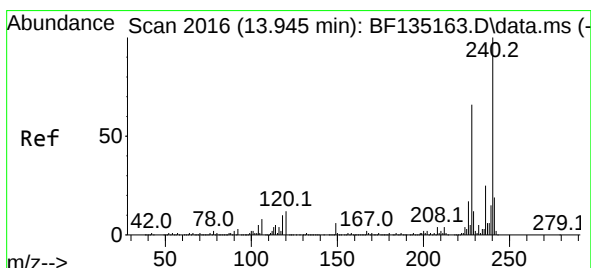
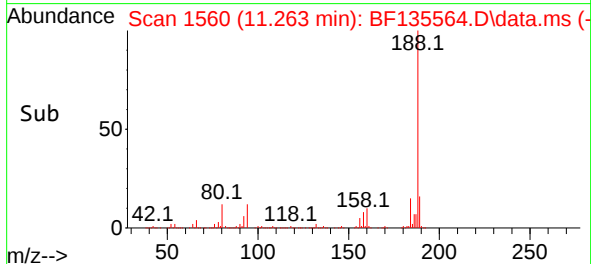
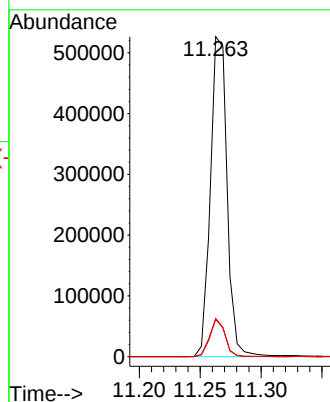
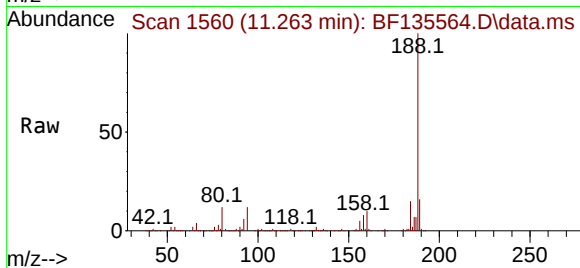
Tgt Ion:188 Resp: 503386

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 11.9 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

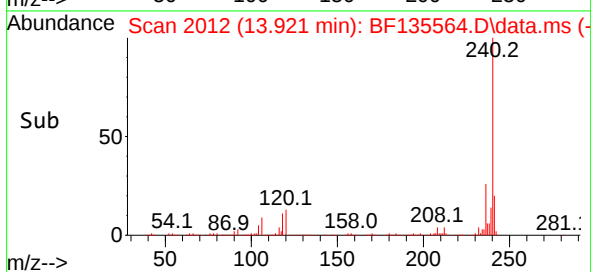
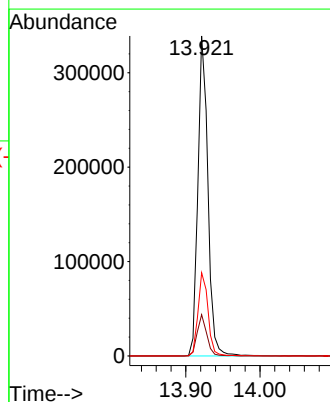
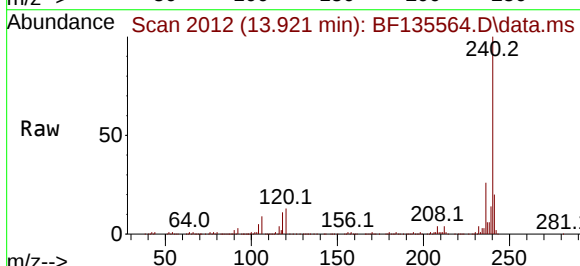
Tgt Ion:240 Resp: 316893

Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

236 26.0 19.8 29.8

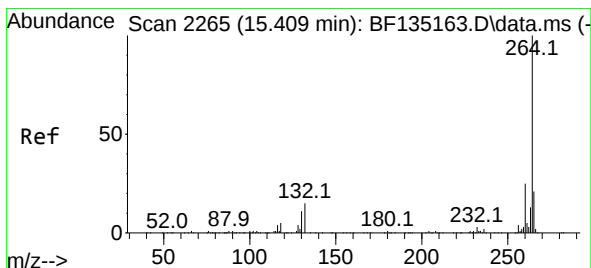
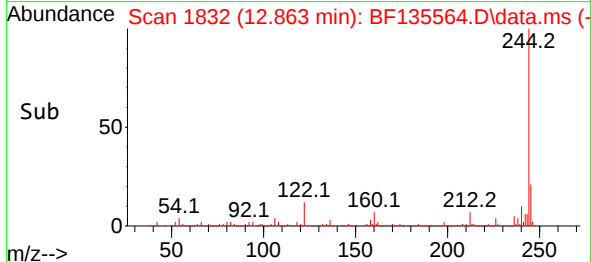
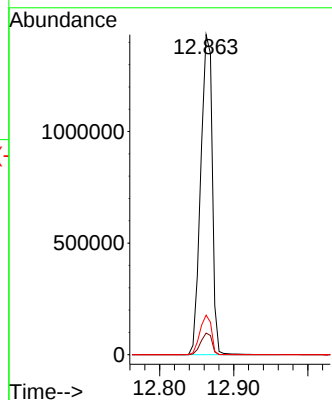
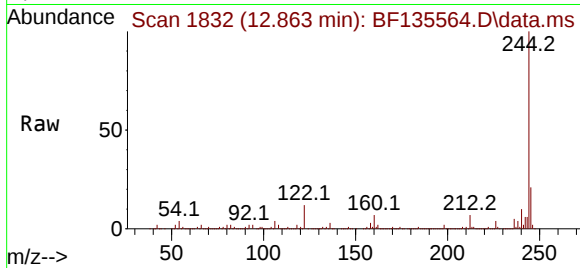




#79
 Terphenyl-d14
 Concen: 75.741 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135564.D
 Acq: 04 Oct 2023 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Tgt Ion:244 Resp: 1548301
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.3 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135564.D
 Acq: 04 Oct 2023 11:13

Tgt Ion:264 Resp: 229209
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.8 17.0 25.4

