

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135804.D
 Acq On : 17 Oct 2023 10:56
 Operator : CG\JU
 Sample : PB156118BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BL

Quant Time: Oct 18 01:33:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	117867	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	454123	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	246116	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	494418	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	339046	20.000	ng	-0.01
86) Perylene-d12	15.415	264	304923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	952924	129.983	ng	0.01
7) Phenol-d6	6.398	99	1187247	129.792	ng	0.00
23) Nitrobenzene-d5	7.310	82	746349	90.391	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	339554	143.776	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1352507	85.921	ng	0.00
79) Terphenyl-d14	12.874	244	1534983	83.843	ng	0.00

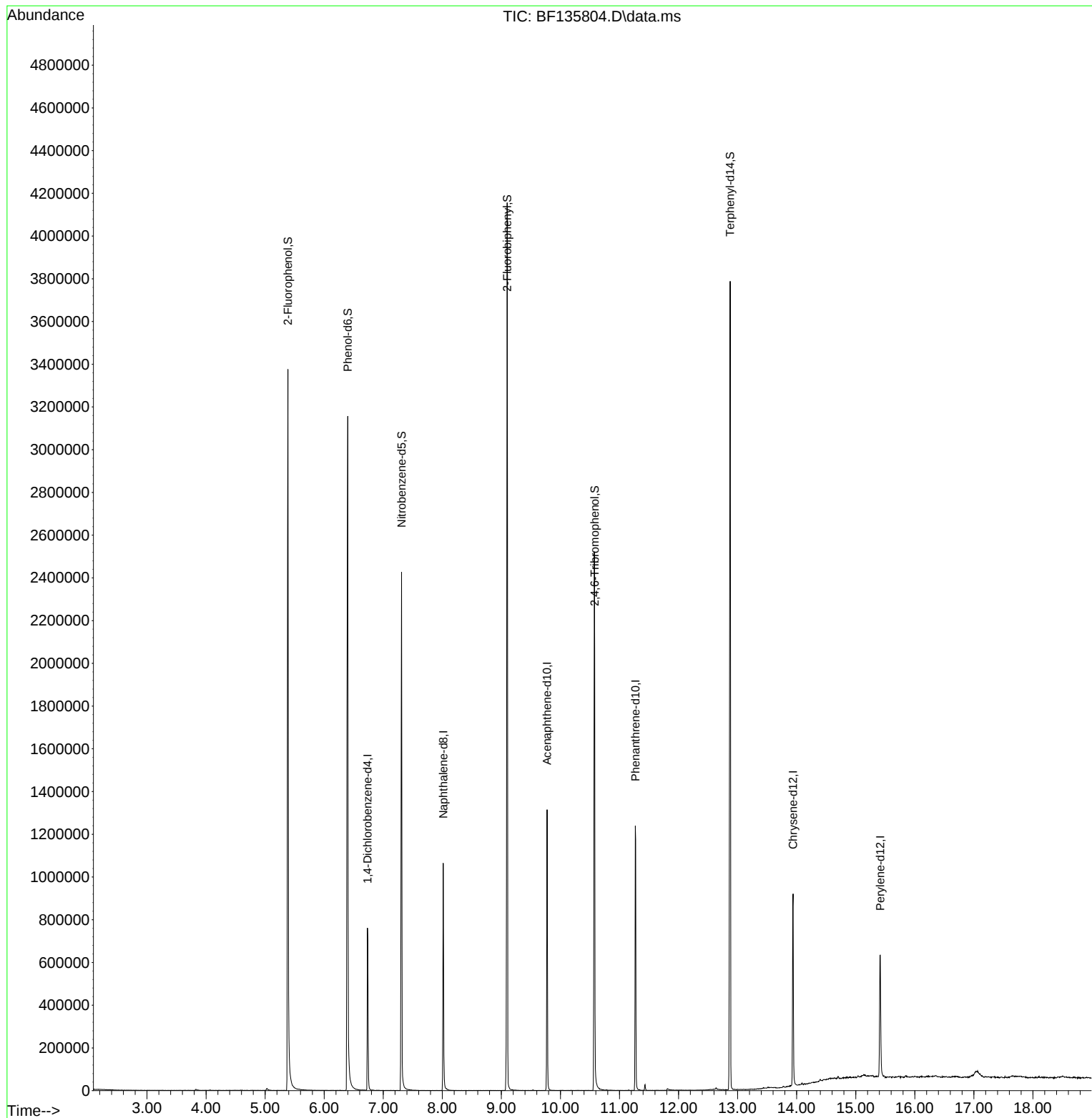
Target Compounds	Qvalue

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

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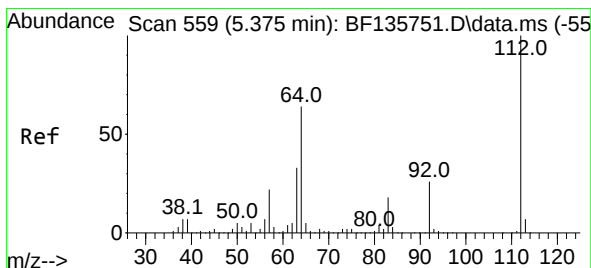
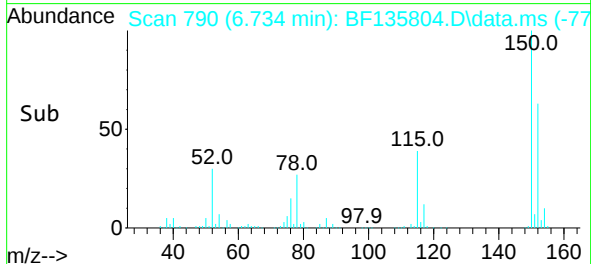
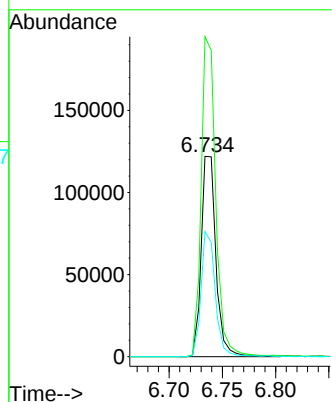
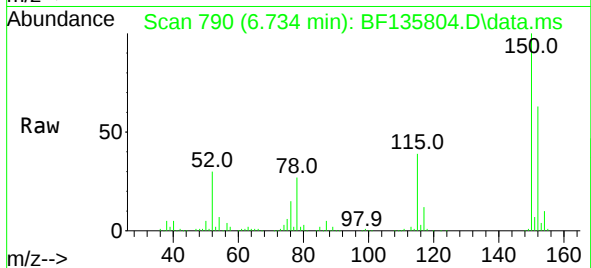




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

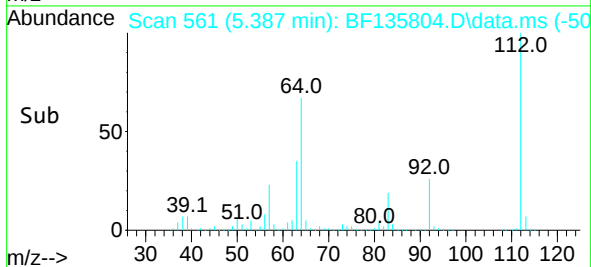
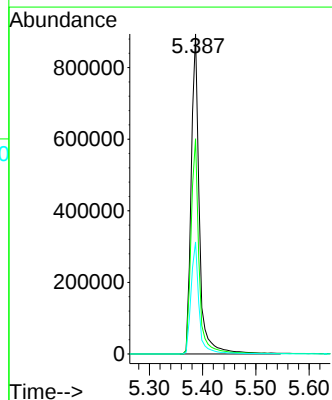
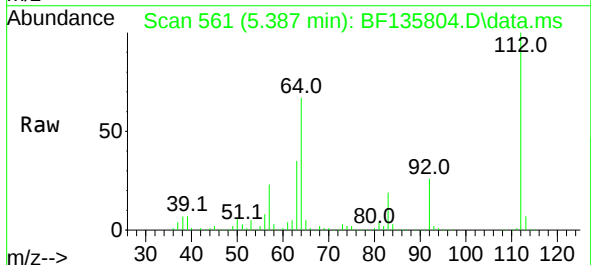
Instrument :
BNA_F
ClientSampleId :
PB156118BL

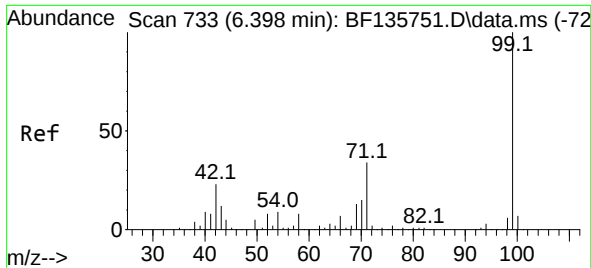
Tgt Ion:152 Resp: 117867
Ion Ratio Lower Upper
152 100
150 159.7 124.5 186.7
115 62.4 49.0 73.4



#5
2-Fluorophenol
Concen: 129.983 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion:112 Resp: 952924
Ion Ratio Lower Upper
112 100
64 67.2 51.2 76.8
63 35.0 26.1 39.1

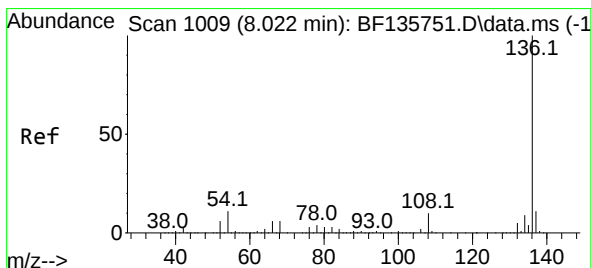
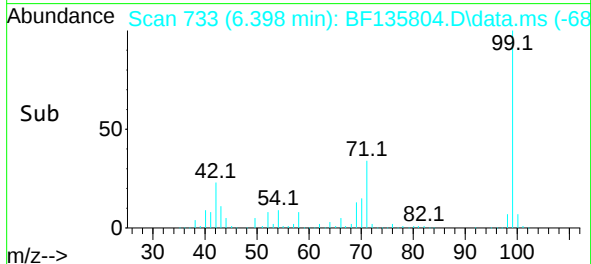
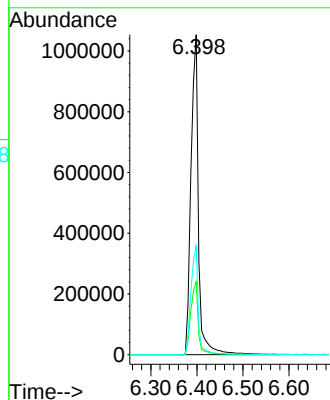
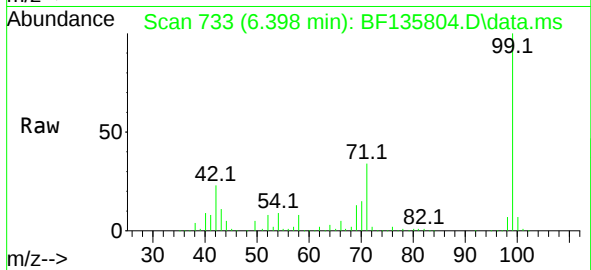




#7
Phenol-d6
Concen: 129.792 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

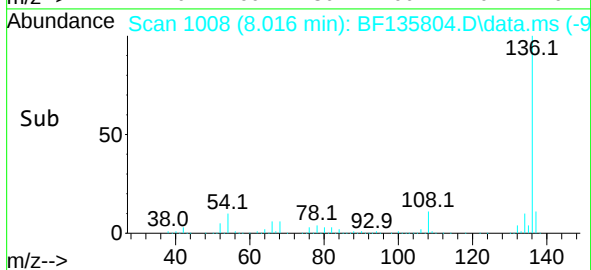
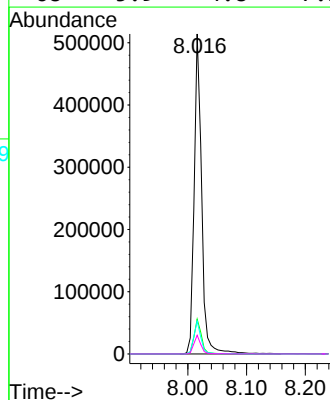
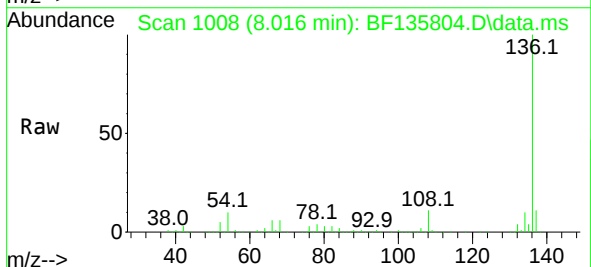
Instrument :
BNA_F
ClientSampleId :
PB156118BL

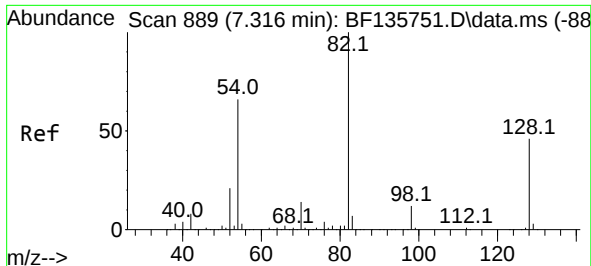
Tgt Ion: 99 Resp: 1187247
Ion Ratio Lower Upper
99 100
42 22.7 18.4 27.6
71 34.4 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion:136 Resp: 454123
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.3 8.5 12.7
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.391 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

Instrument :

BNA_F

ClientSampleId :

PB156118BL

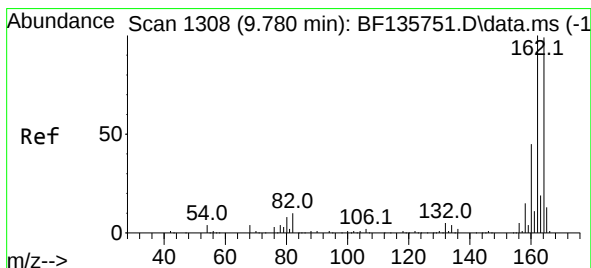
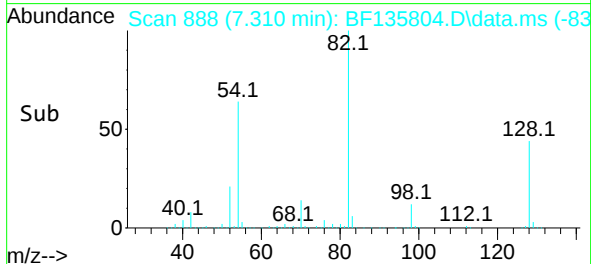
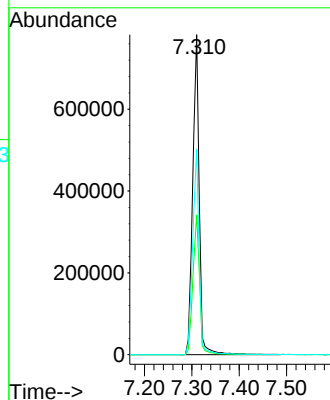
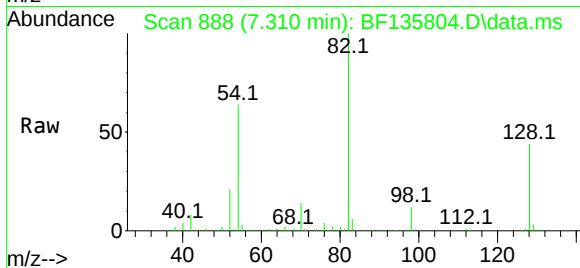
Tgt Ion: 82 Resp: 746349

Ion Ratio Lower Upper

82 100

128 43.7 37.0 55.6

54 64.3 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

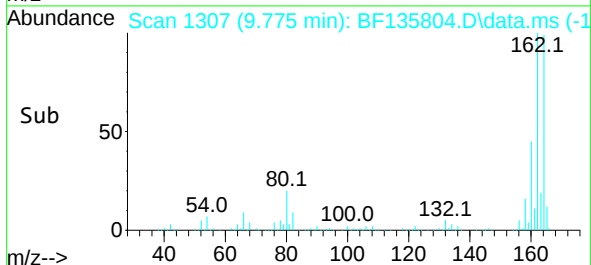
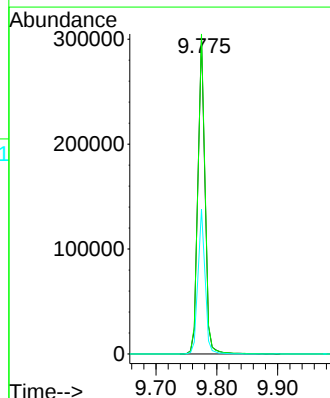
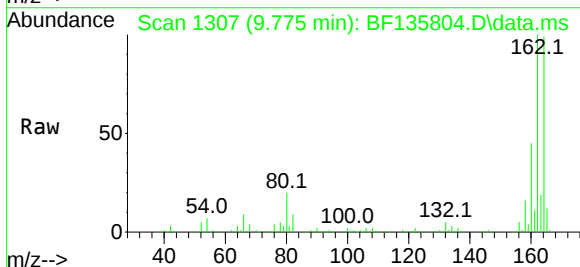
Tgt Ion:164 Resp: 246116

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 143.776 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135804.D

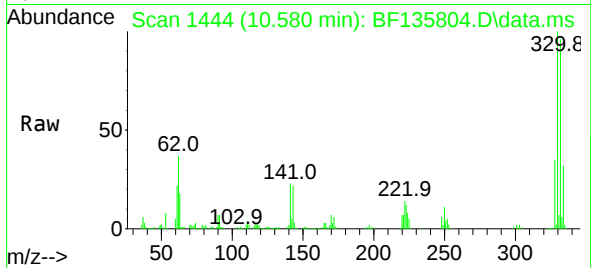
Acq: 17 Oct 2023 10:56

Instrument :

BNA_F

ClientSampleId :

PB156118BL



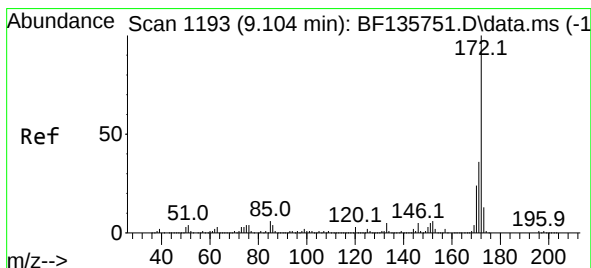
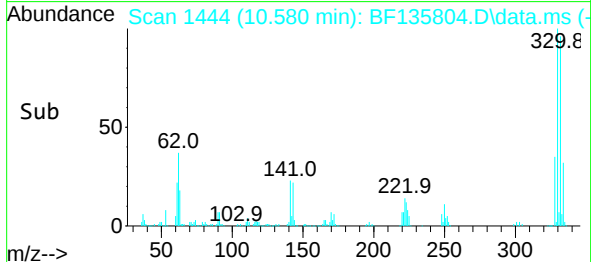
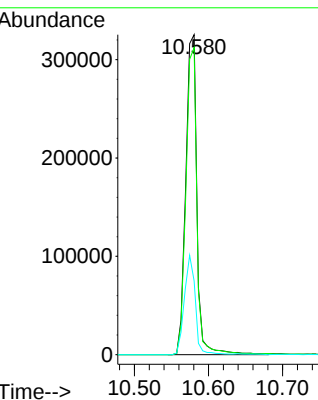
Tgt Ion:330 Resp: 339554

Ion Ratio Lower Upper

330 100

332 94.5 75.0 112.4

141 30.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 85.921 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

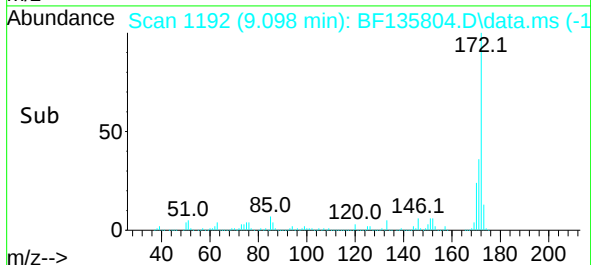
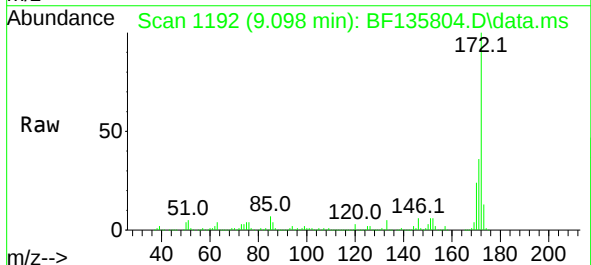
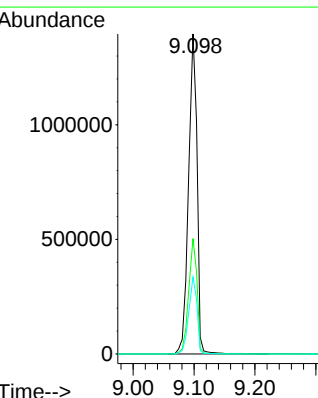
Tgt Ion:172 Resp: 1352507

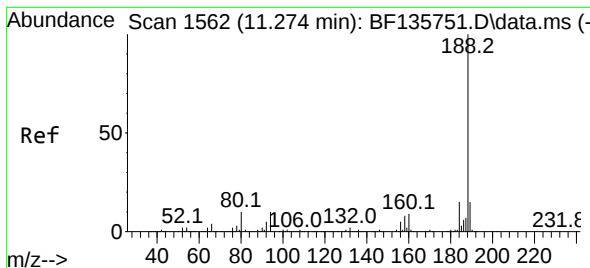
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

Instrument :

BNA_F

ClientSampleId :

PB156118BL

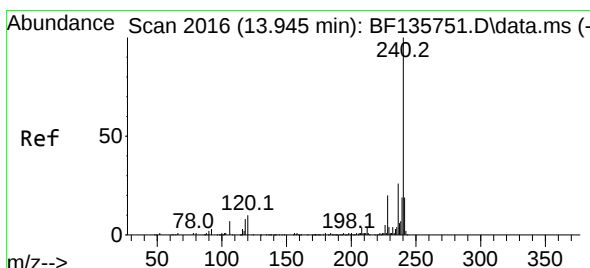
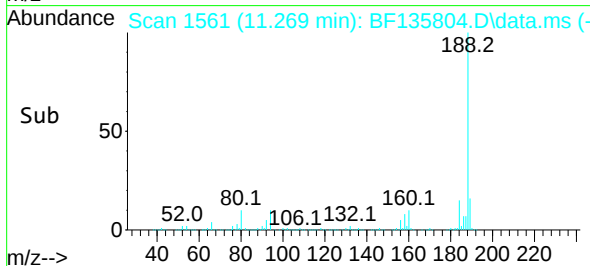
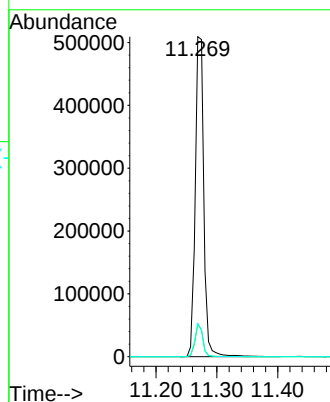
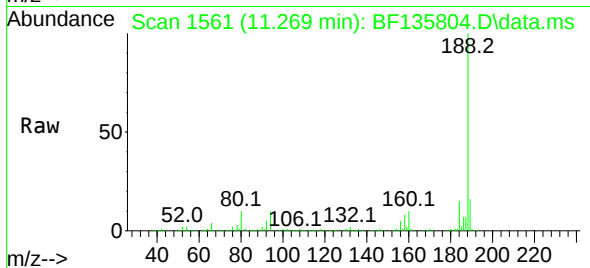
Tgt Ion:188 Resp: 494418

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 10.4 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

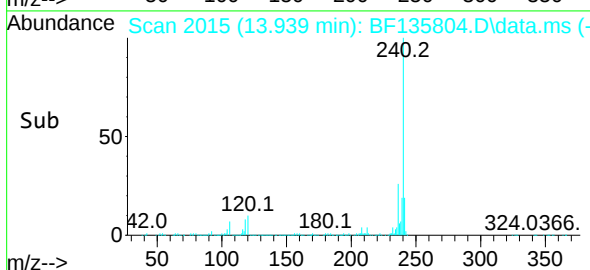
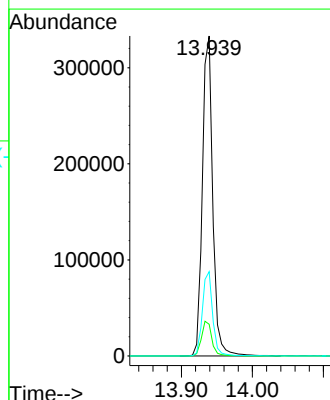
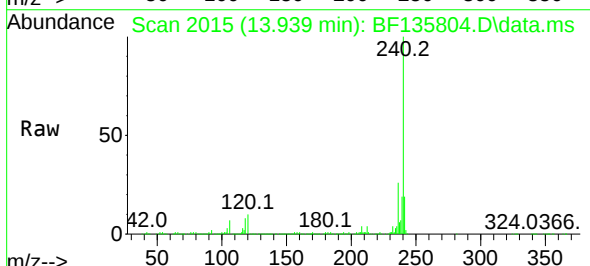
Tgt Ion:240 Resp: 339046

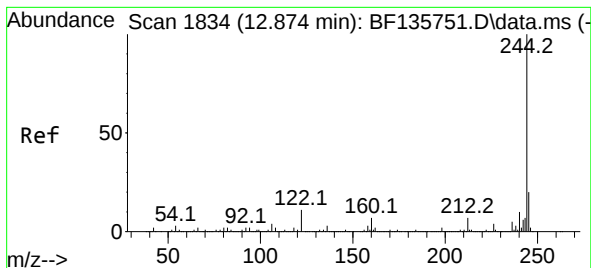
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 83.843 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

Instrument :

BNA_F

ClientSampleId :

PB156118BL

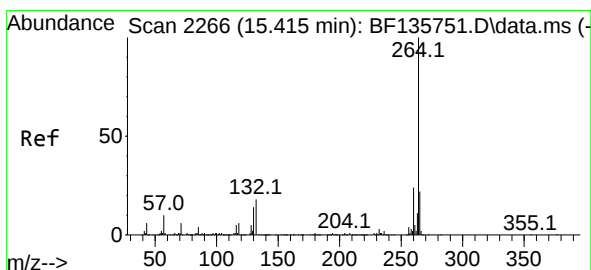
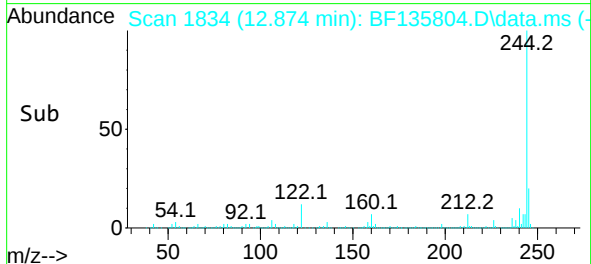
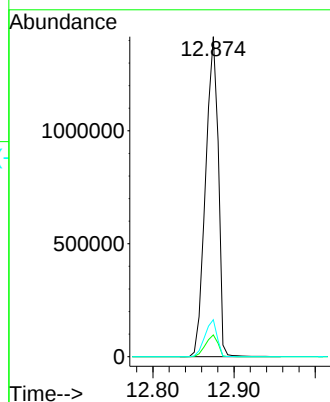
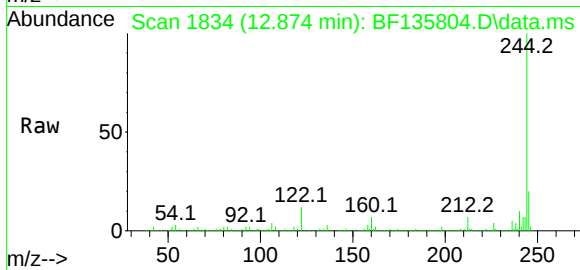
Tgt Ion:244 Resp: 1534983

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.5 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

Tgt Ion:264 Resp: 304923

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.4 26.2

