

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141658.D
 Acq On : 18 Feb 2025 13:24
 Operator : RC/JU
 Sample : PB166751BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BL

Quant Time: Feb 18 14:48:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	97871	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	388690	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	212972	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	383246	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	296931	20.000	ng	-0.02
86) Perylene-d12	15.380	264	226216	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	798441	127.898	ng	0.00
7) Phenol-d6	6.422	99	984309	124.748	ng	-0.02
23) Nitrobenzene-d5	7.345	82	649768	87.192	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	269490	125.965	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1239514	89.667	ng	-0.01
79) Terphenyl-d14	12.892	244	1490382	84.734	ng	-0.01

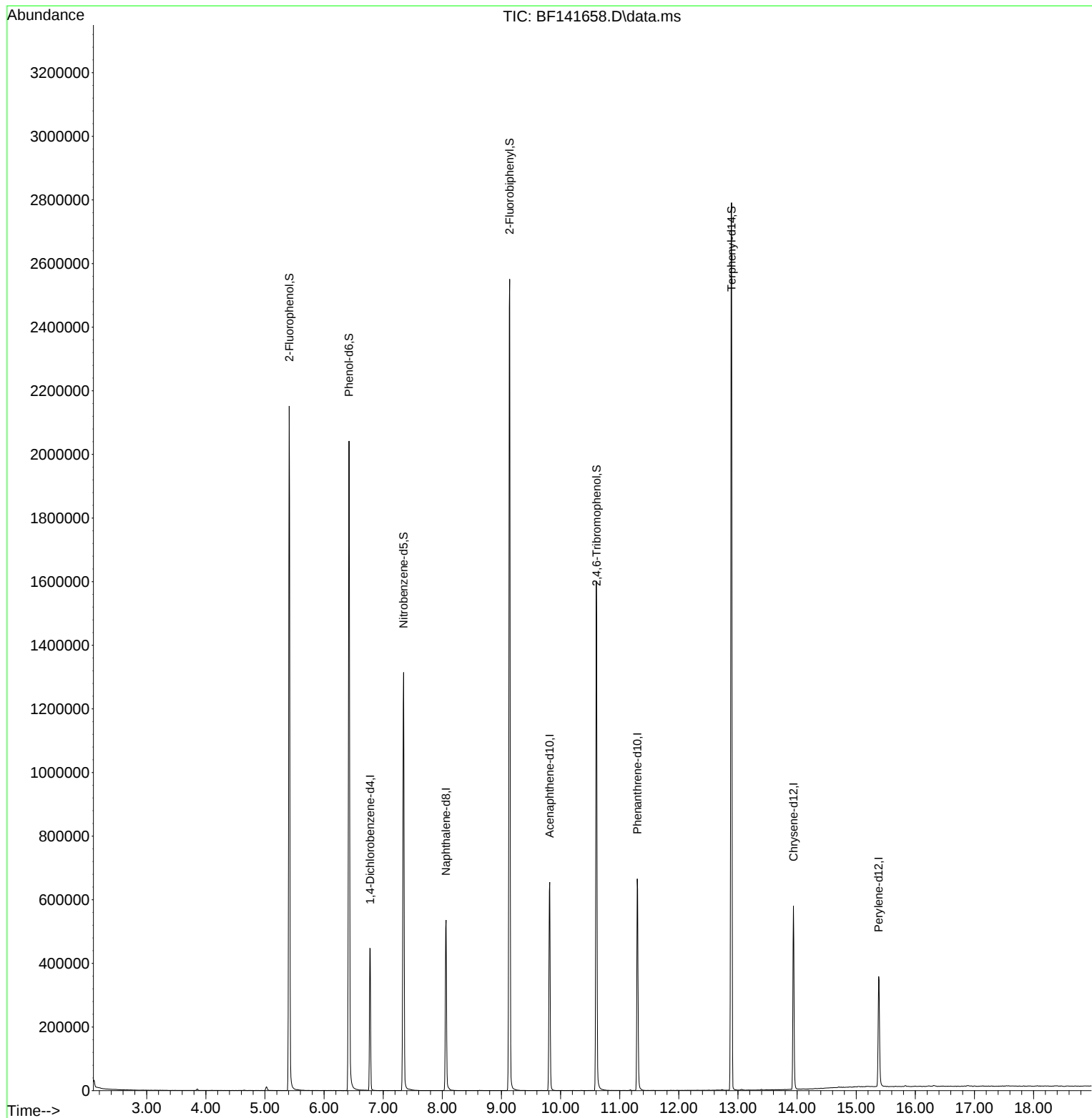
Target Compounds	Qvalue

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

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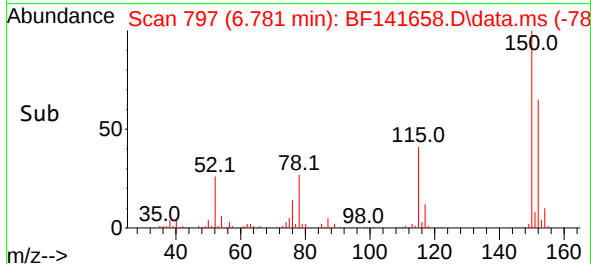
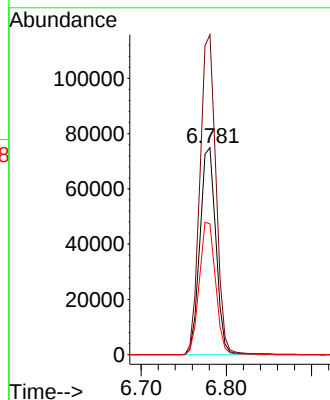
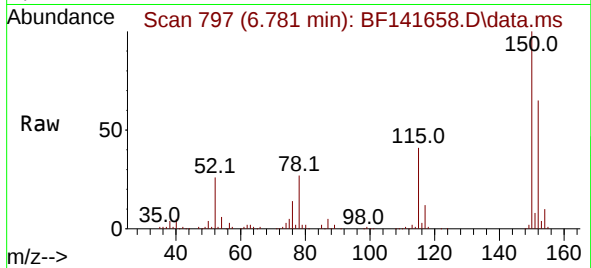




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

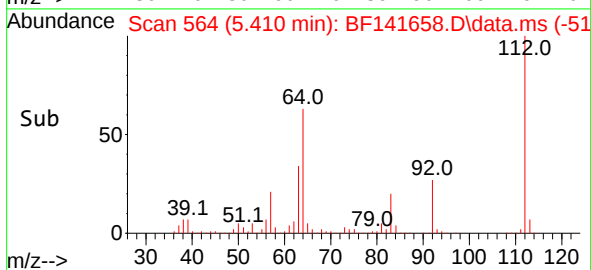
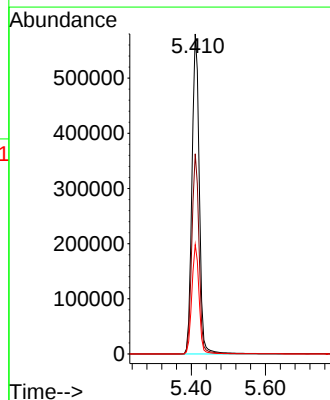
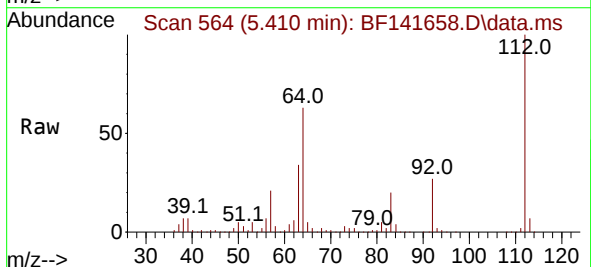
Instrument :
BNA_F
ClientSampleId :
PB166751BL

Tgt Ion:152 Resp: 97871
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.4
115 63.1 53.6 80.4



#5
2-Fluorophenol
Concen: 127.898 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion:112 Resp: 798441
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 34.1 28.4 42.6

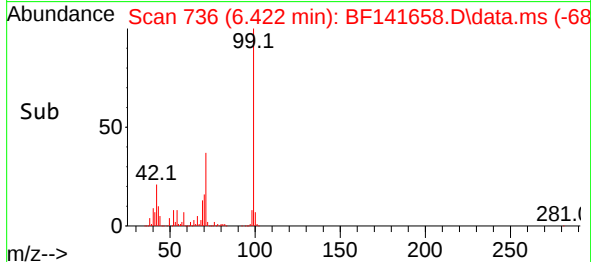
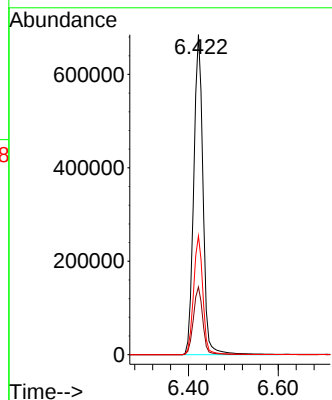
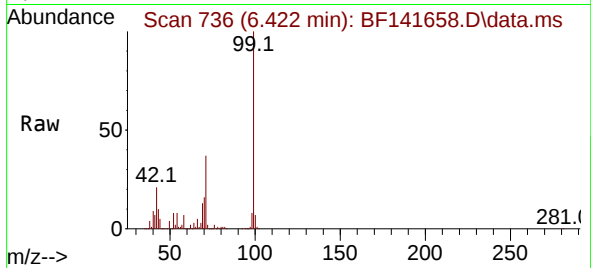




#7
Phenol-d6
Concen: 124.748 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

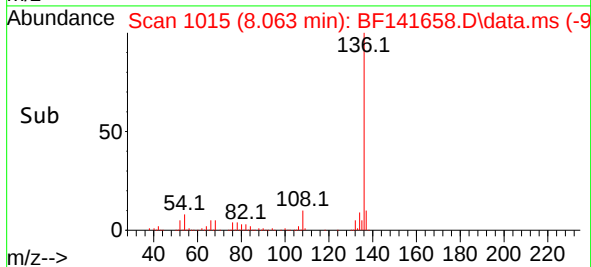
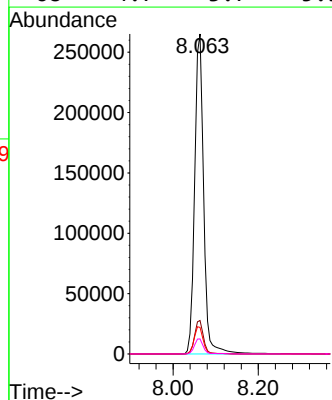
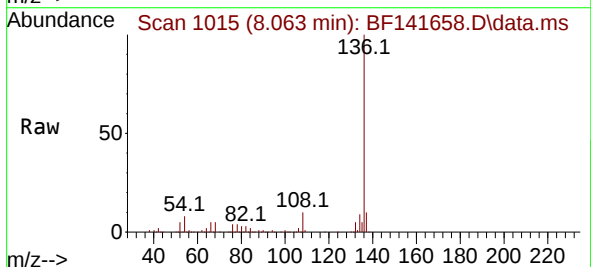
Instrument :
BNA_F
ClientSampleId :
PB166751BL

Tgt Ion: 99 Resp: 984309
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 37.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion: 136 Resp: 388690
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.2 10.8
68 4.7 3.7 5.5

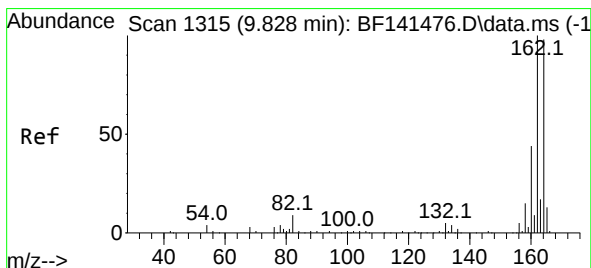
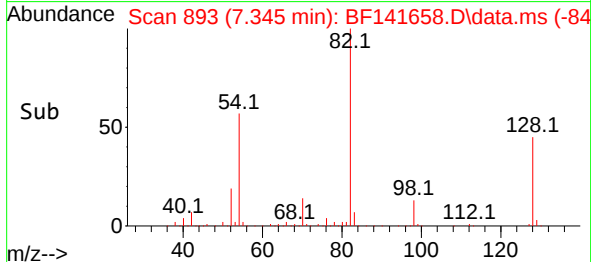
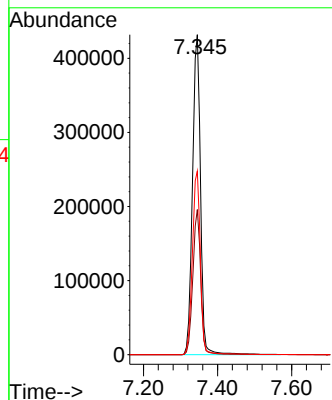
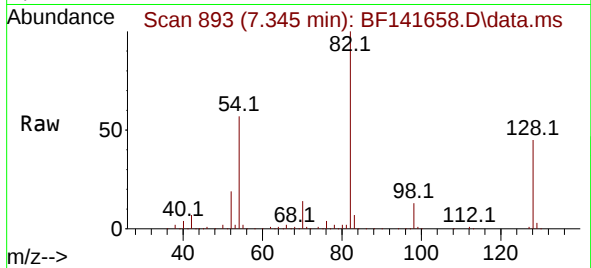




#23
 Nitrobenzene-d5
 Concen: 87.192 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.018 min
 Lab File: BF141658.D
 Acq: 18 Feb 2025 13:24

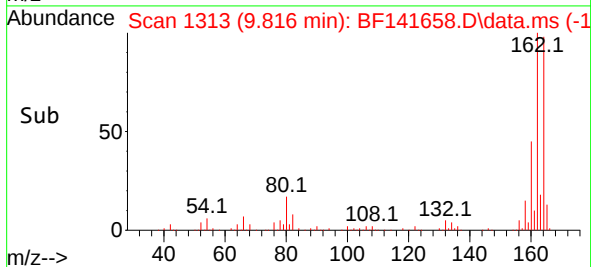
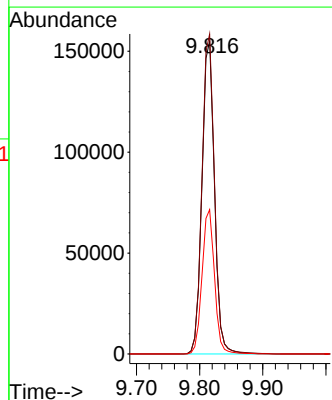
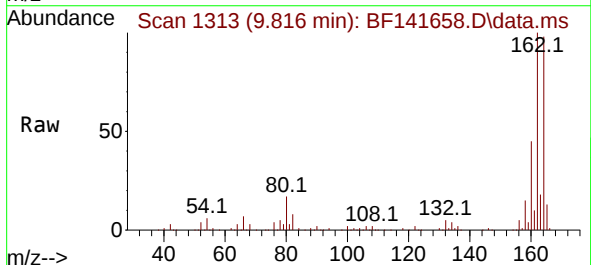
Instrument :
 BNA_F
 ClientSampleId :
 PB166751BL

Tgt Ion: 82 Resp: 649768
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.8 52.2
 54 57.4 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. -0.018 min
 Lab File: BF141658.D
 Acq: 18 Feb 2025 13:24

Tgt Ion:164 Resp: 212972
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.3 121.9
 160 46.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 125.965 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB166751BL

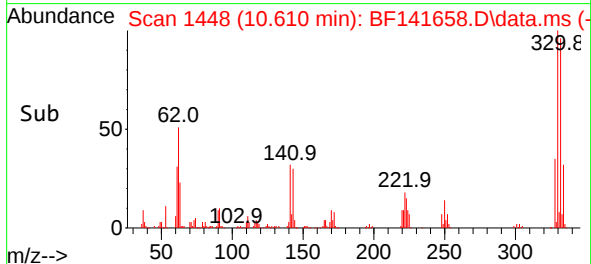
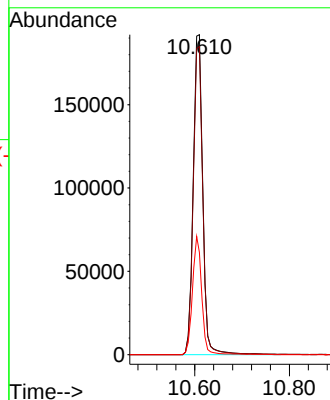
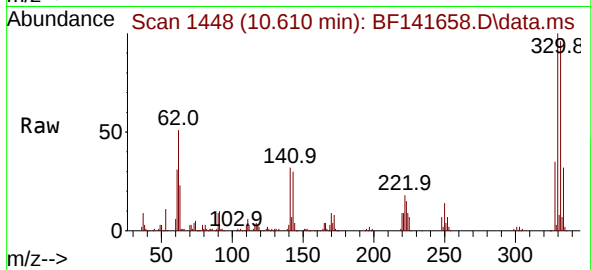
Tgt Ion:330 Resp: 269490

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.667 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

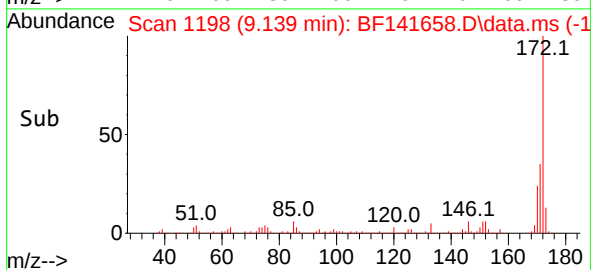
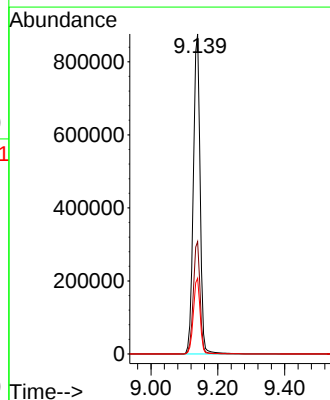
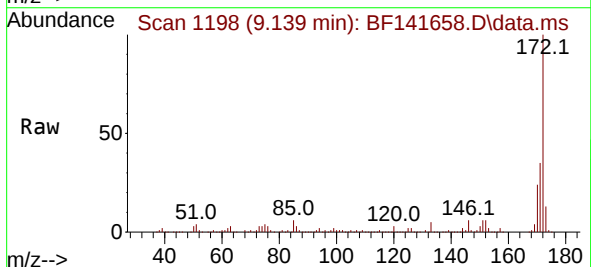
Tgt Ion:172 Resp: 1239514

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB166751BL

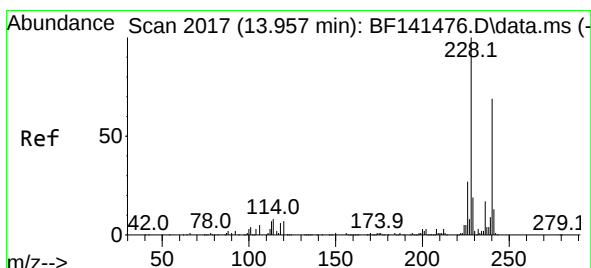
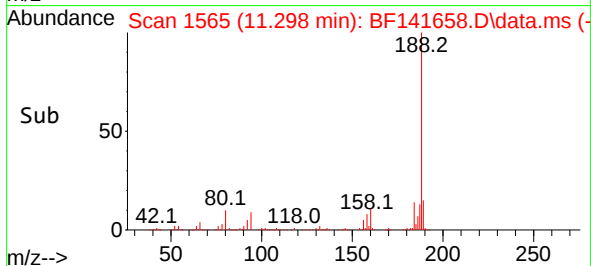
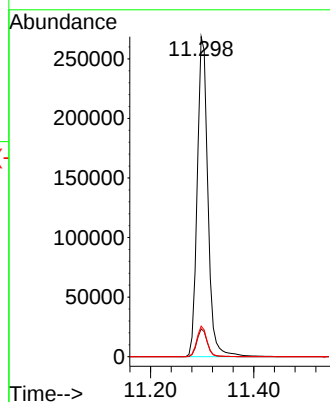
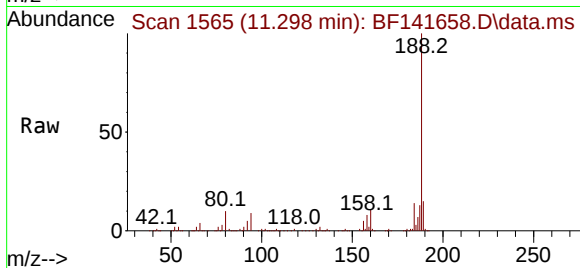
Tgt Ion:188 Resp: 383246

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

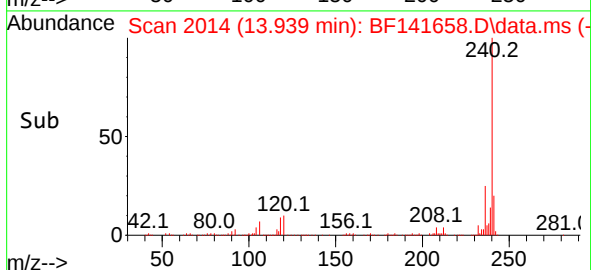
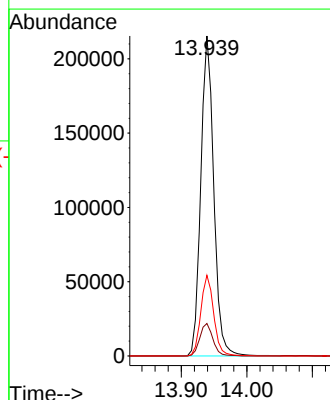
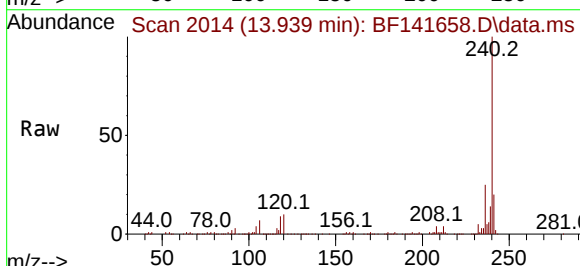
Tgt Ion:240 Resp: 296931

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

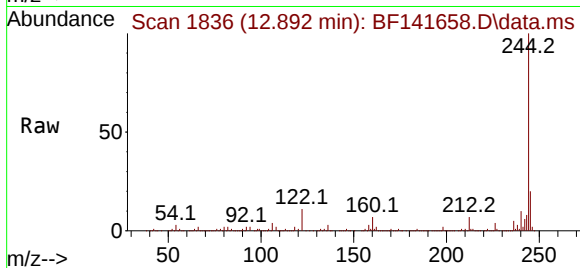
236 25.2 19.8 29.8



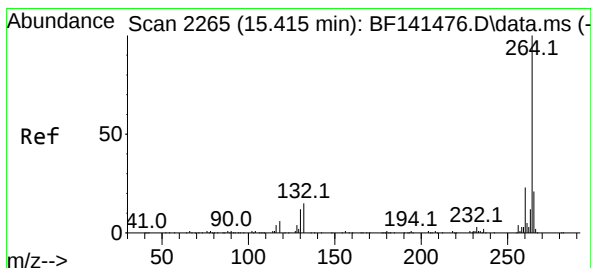
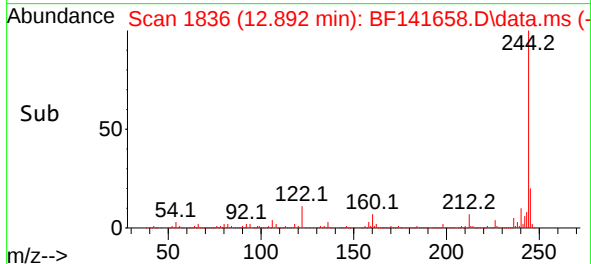
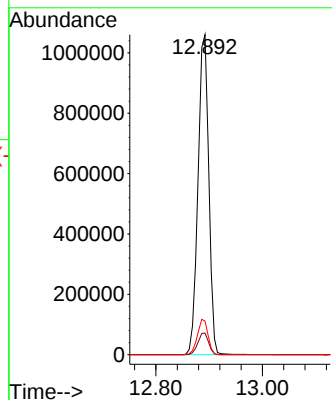


#79
 Terphenyl-d14
 Concen: 84.734 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141658.D
 Acq: 18 Feb 2025 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BL



Tgt Ion:244 Resp: 1490382
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141658.D
 Acq: 18 Feb 2025 13:24

Tgt Ion:264 Resp: 226216
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.0 17.0 25.4

