

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141613.D
 Acq On : 13 Feb 2025 14:37
 Operator : RC/JU
 Sample : Q1356-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-SOLID

Quant Time: Feb 13 15:07:34 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	6.787	152	94484	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	379545	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	216593	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	389182	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	286074	20.000	ng	-0.02
86) Perylene-d12	15.410	264	183796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	810393	134.466	ng	0.02
7) Phenol-d6	6.428	99	940945	123.527	ng	-0.01
23) Nitrobenzene-d5	7.351	82	711600	97.790	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	322378	148.167	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1348558	95.924	ng	-0.01
79) Terphenyl-d14	12.898	244	1709799	100.898	ng	0.00

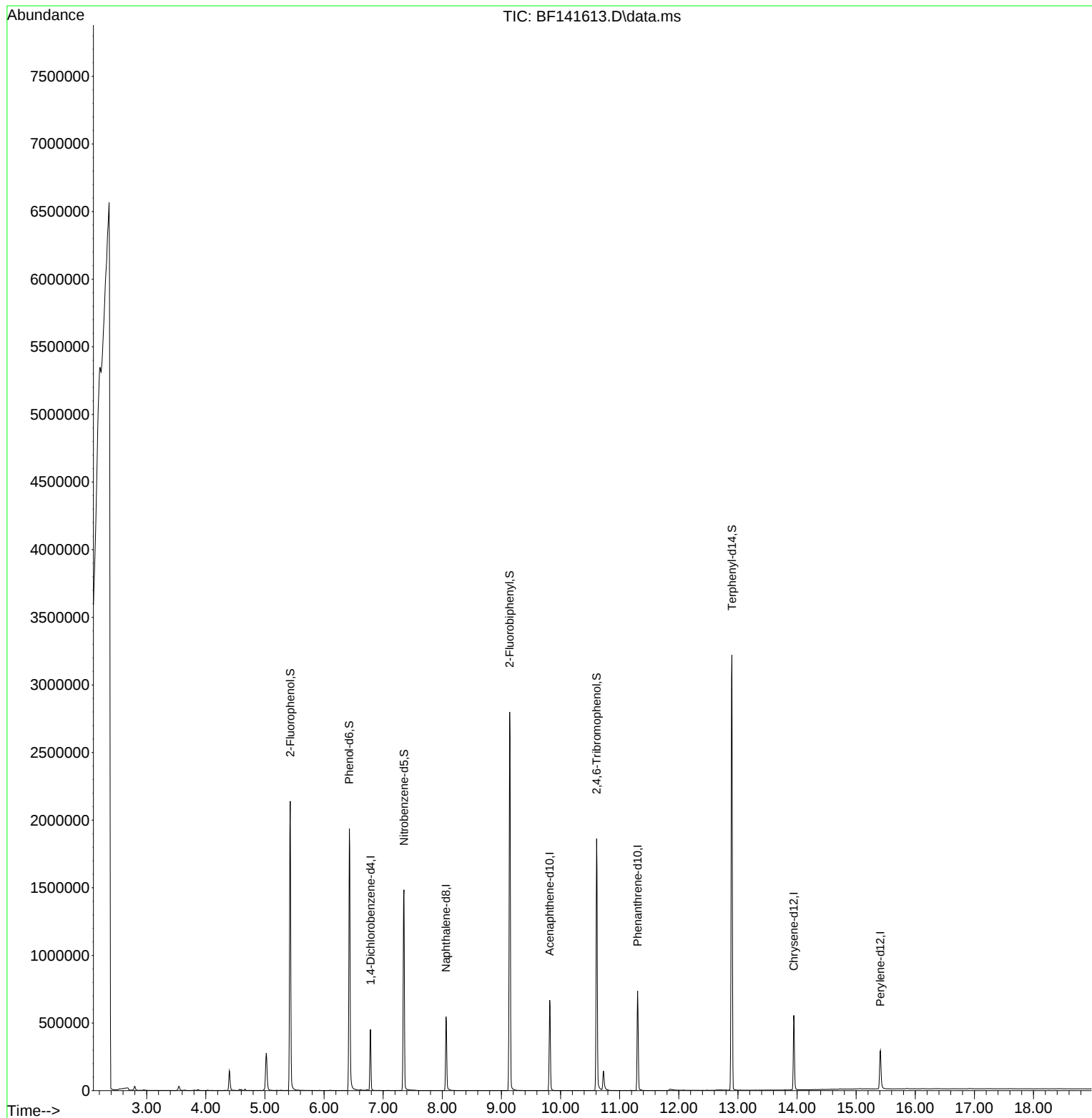
Target Compounds	Qvalue

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

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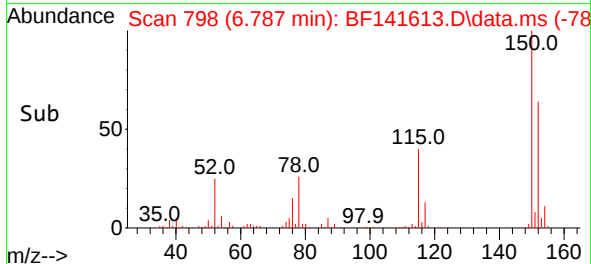
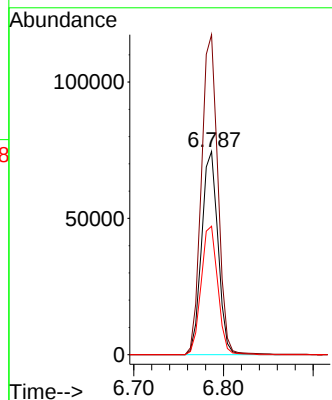
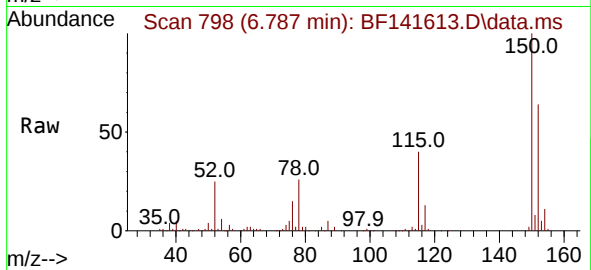




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141613.D
Acq: 13 Feb 2025 14:37

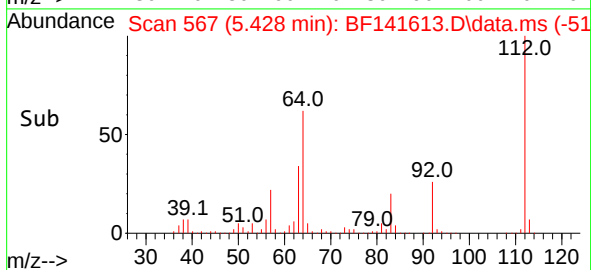
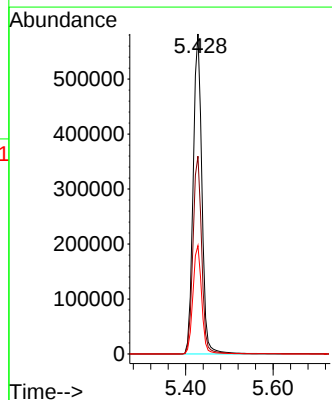
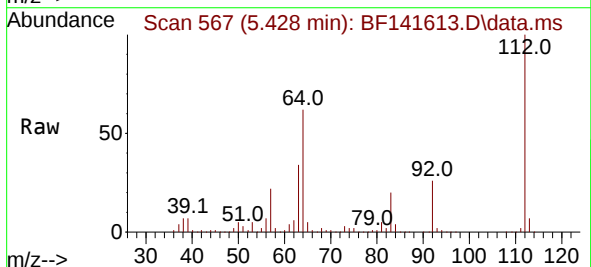
Instrument :
BNA_F
ClientSampleId :
CARBON-SOLID

Tgt Ion:152 Resp: 94484
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.4
115 63.3 53.6 80.4



#5
2-Fluorophenol
Concen: 134.466 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141613.D
Acq: 13 Feb 2025 14:37

Tgt Ion:112 Resp: 810393
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.9 28.4 42.6

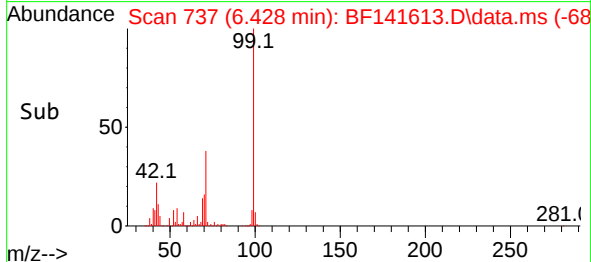
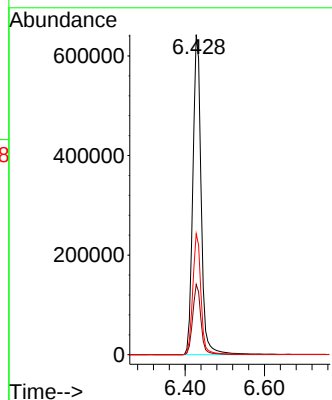
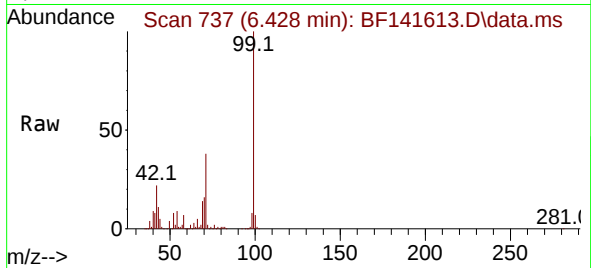




#7
Phenol-d6
Concen: 123.527 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141613.D
Acq: 13 Feb 2025 14:37

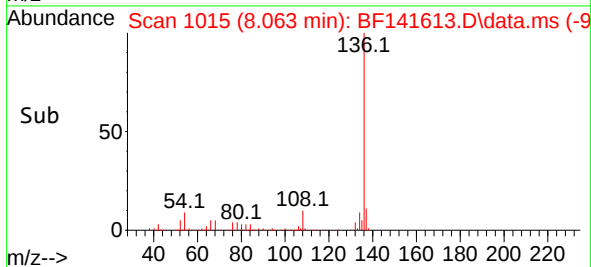
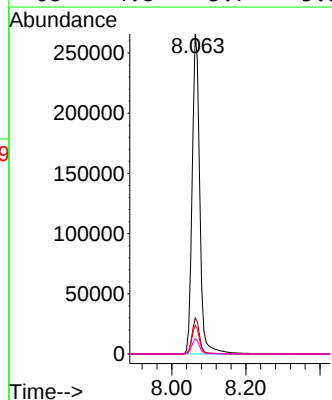
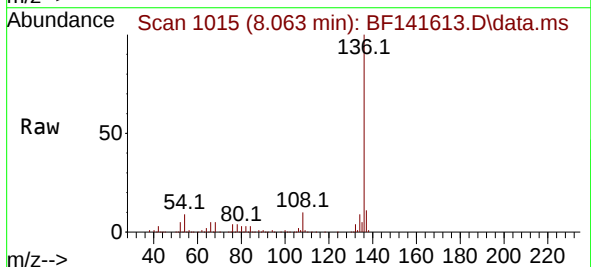
Instrument :
BNA_F
ClientSampleId :
CARBON-SOLID

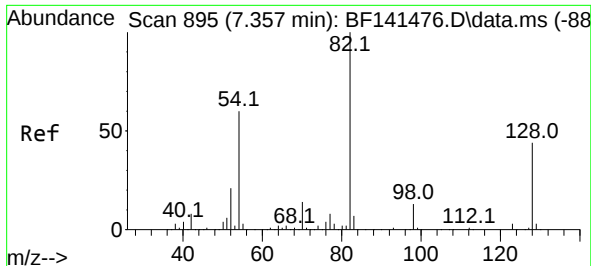
Tgt Ion: 99 Resp: 940945
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141613.D
Acq: 13 Feb 2025 14:37

Tgt Ion: 136 Resp: 379545
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 97.790 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141613.D

Acq: 13 Feb 2025 14:37

Instrument :

BNA_F

ClientSampleId :

CARBON-SOLID

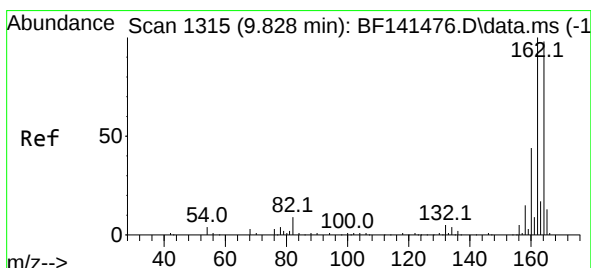
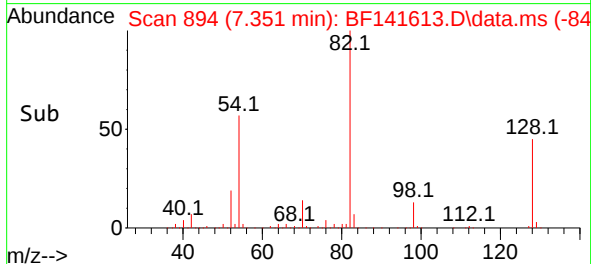
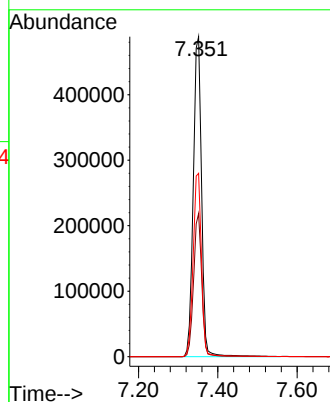
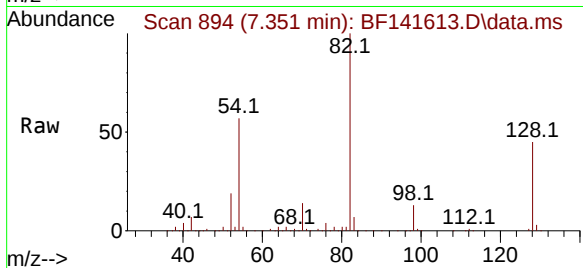
Tgt Ion: 82 Resp: 711600

Ion Ratio Lower Upper

82 100

128 44.7 34.8 52.2

54 57.3 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF141613.D

Acq: 13 Feb 2025 14:37

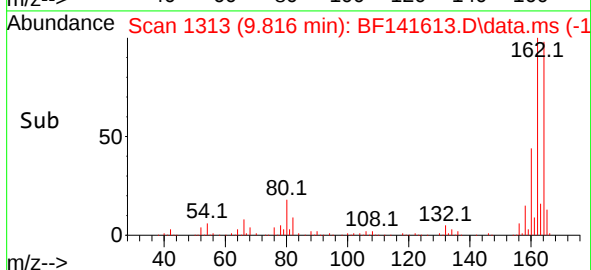
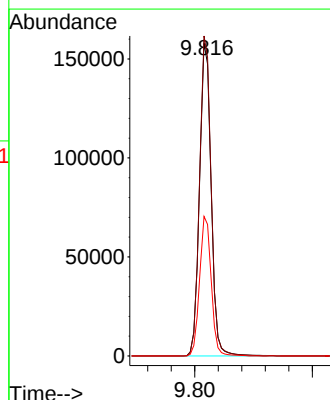
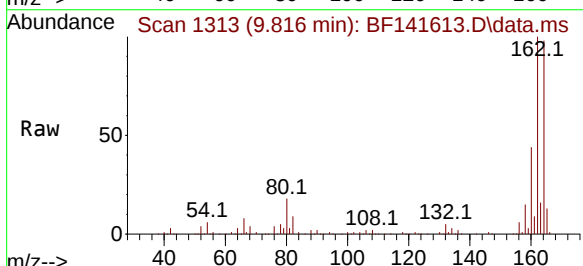
Tgt Ion:164 Resp: 216593

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 148.167 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141613.D

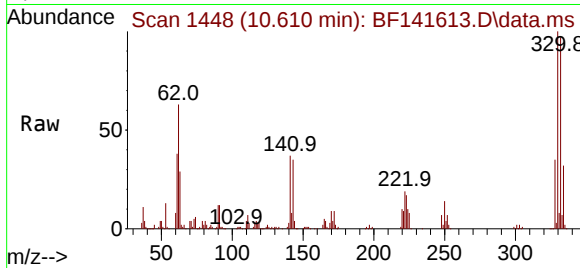
Acq: 13 Feb 2025 14:37

Instrument :

BNA_F

ClientSampleId :

CARBON-SOLID



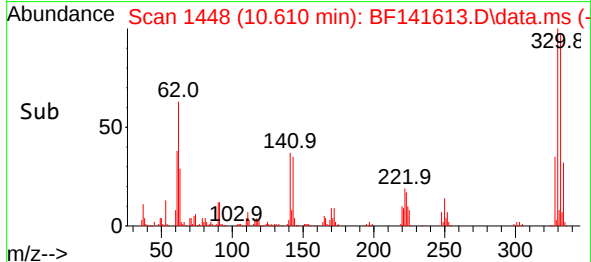
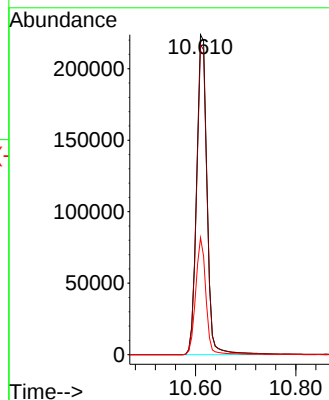
Tgt Ion:330 Resp: 322378

Ion Ratio Lower Upper

330 100

332 97.6 78.5 117.7

141 35.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.924 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141613.D

Acq: 13 Feb 2025 14:37

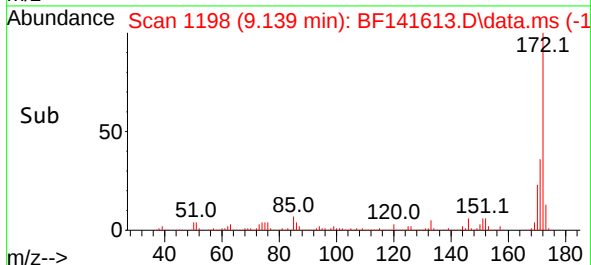
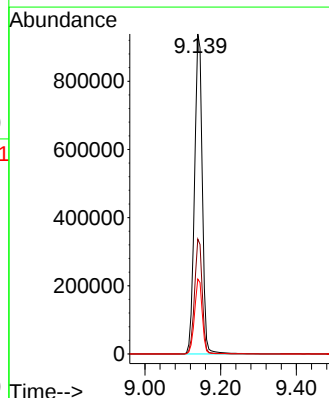
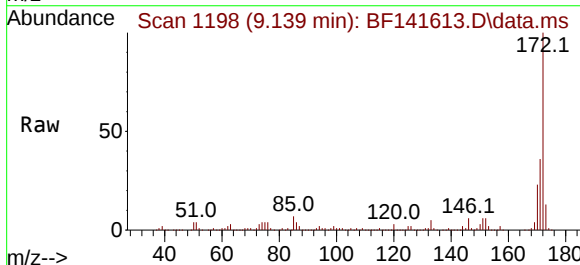
Tgt Ion:172 Resp: 1348558

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141613.D

Acq: 13 Feb 2025 14:37

Instrument :

BNA_F

ClientSampleId :

CARBON-SOLID

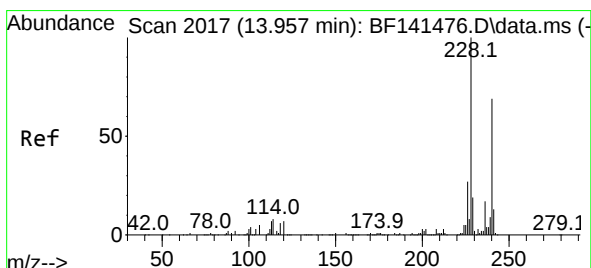
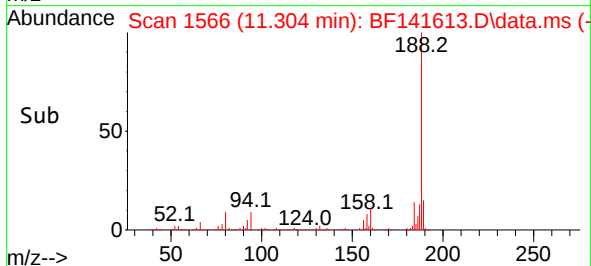
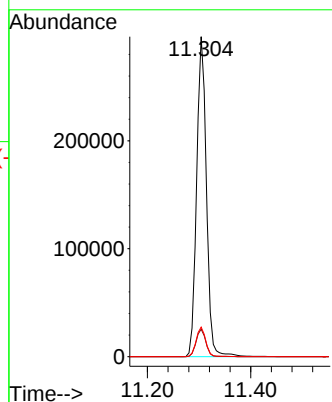
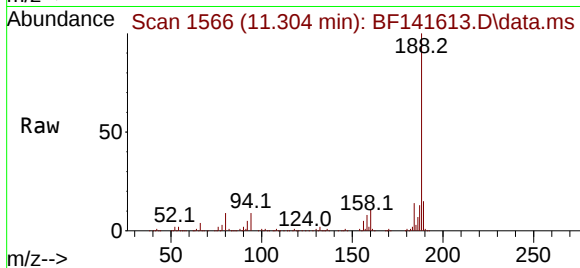
Tgt Ion:188 Resp: 389182

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.017 min

Lab File: BF141613.D

Acq: 13 Feb 2025 14:37

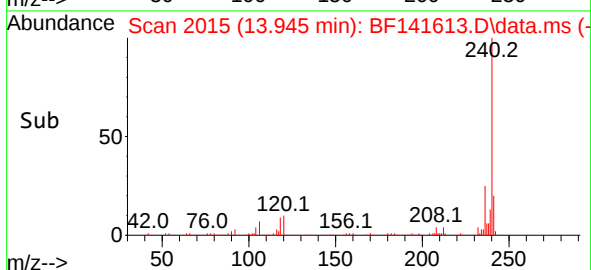
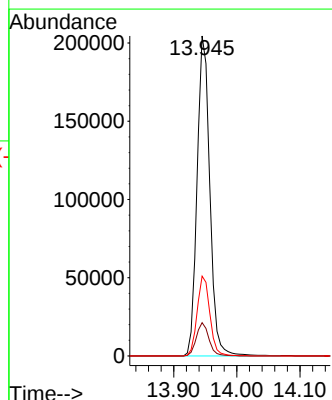
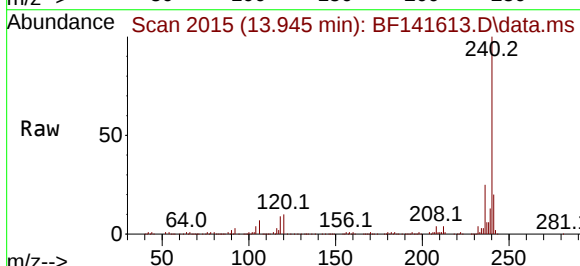
Tgt Ion:240 Resp: 286074

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 24.9 19.8 29.8

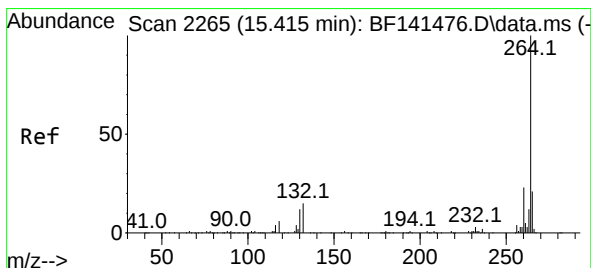
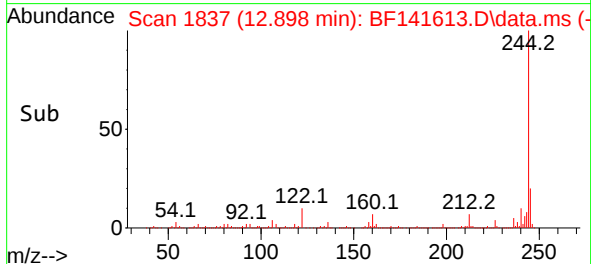
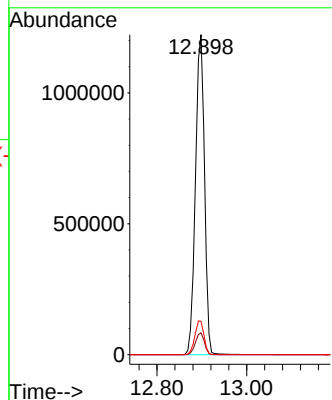
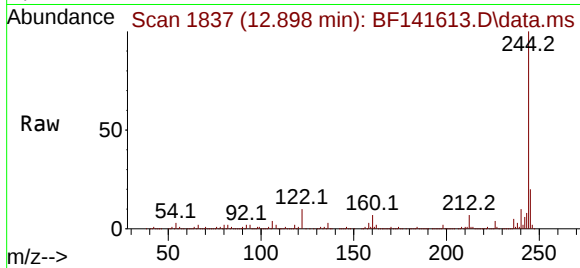




#79
 Terphenyl-d14
 Concen: 100.898 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141613.D
 Acq: 13 Feb 2025 14:37

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-SOLID

Tgt Ion:244 Resp: 1709799
 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: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141613.D
 Acq: 13 Feb 2025 14:37

Tgt Ion:264 Resp: 183796
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.8 17.0 25.4

