

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141337.D
 Acq On : 31 Jan 2025 17:46
 Operator : RC/JU
 Sample : PB166354BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BL

Quant Time: Jan 31 22:29:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	138010	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	554699	20.000	ng	-0.01
39) Acenaphthene-d10	9.834	164	302564	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	518908	20.000	ng	0.00
76) Chrysene-d12	13.963	240	314414	20.000	ng	-0.01
86) Perylene-d12	15.427	264	272271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1123406	124.966	ng	0.00
7) Phenol-d6	6.422	99	1391620	121.687	ng	-0.02
23) Nitrobenzene-d5	7.357	82	904348	85.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	347598	125.314	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1629412	82.891	ng	0.00
79) Terphenyl-d14	12.916	244	1795121	88.050	ng	0.00

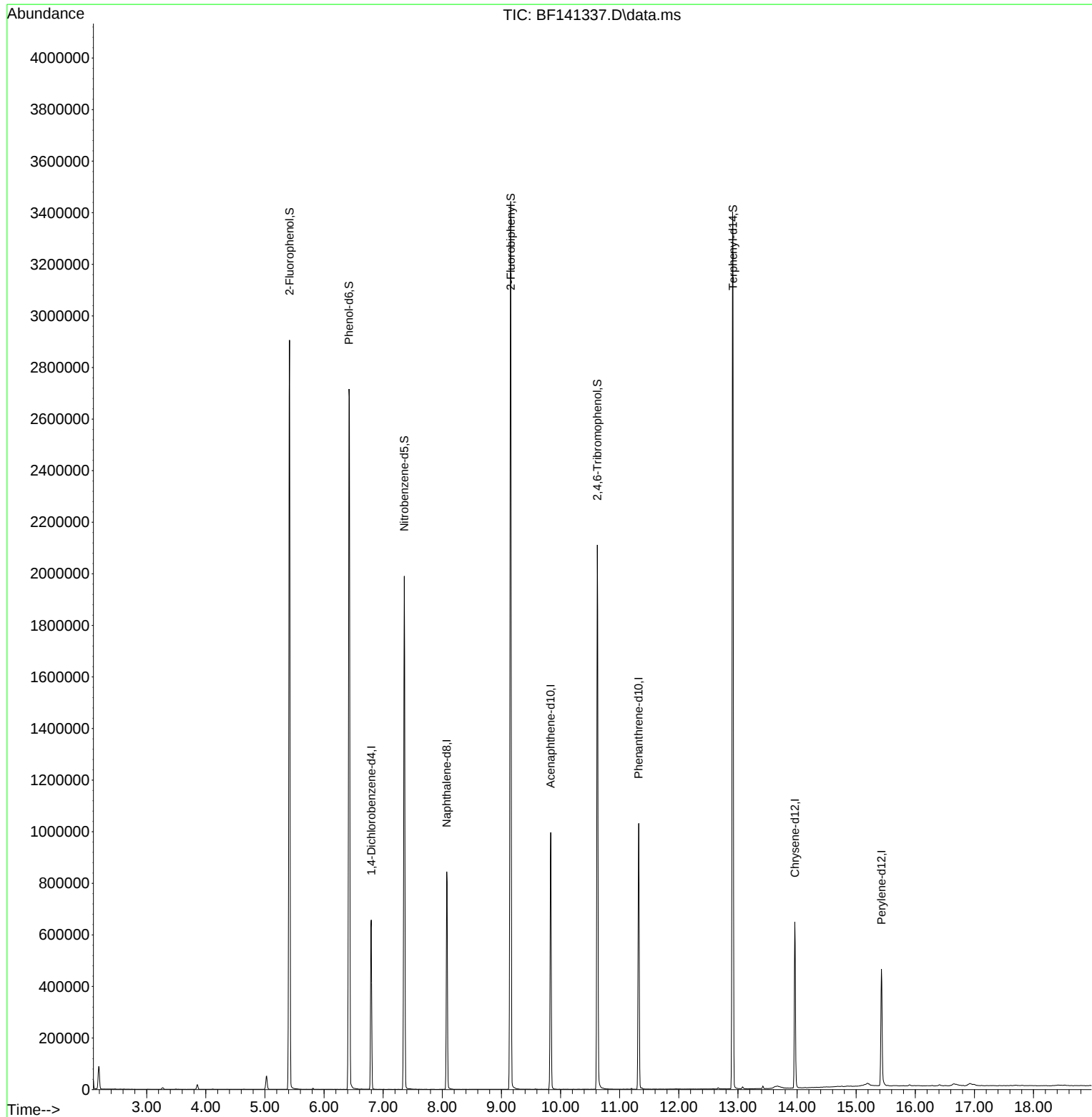
Target Compounds	Qvalue

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

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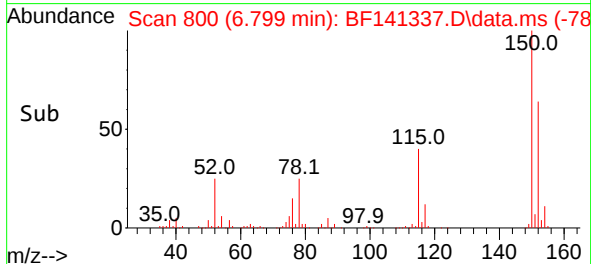
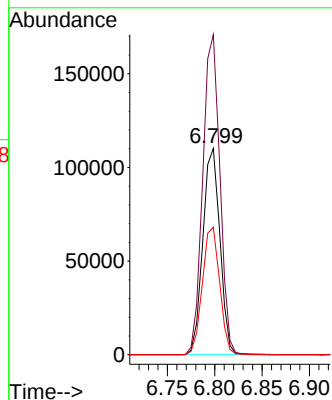
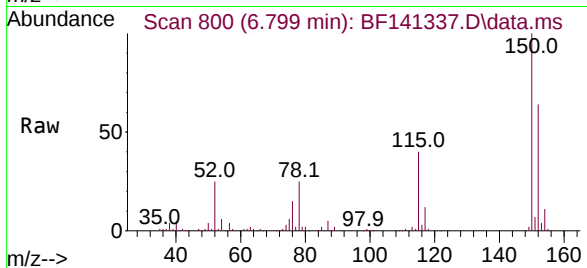




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

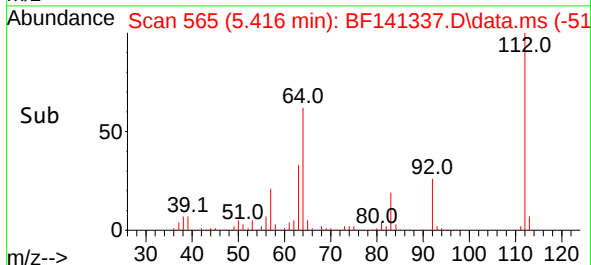
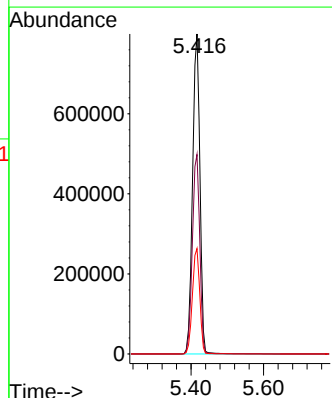
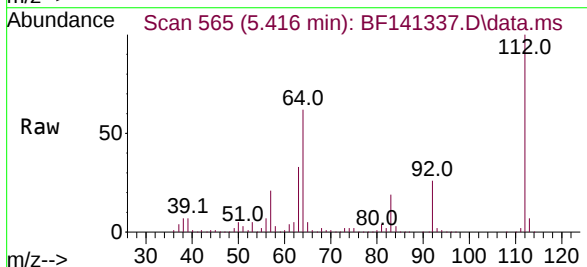
Instrument :
BNA_F
ClientSampleId :
PB166354BL

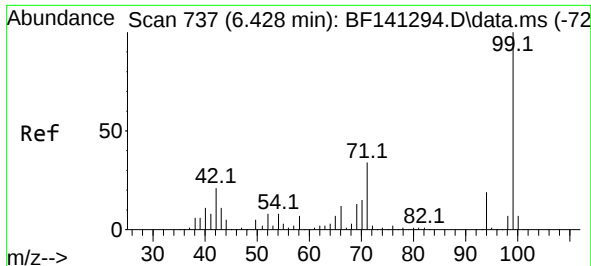
Tgt Ion:152 Resp: 138010
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 61.8 49.7 74.5



#5
2-Fluorophenol
Concen: 124.966 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion:112 Resp: 1123406
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 32.9 26.1 39.1

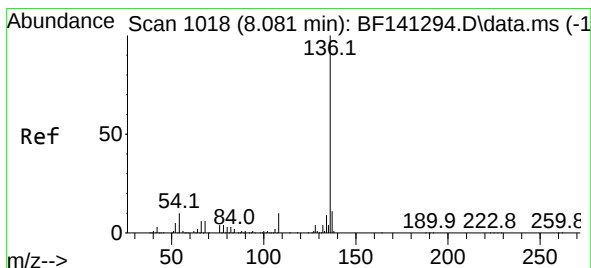
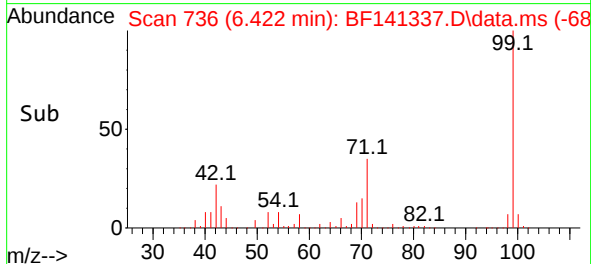
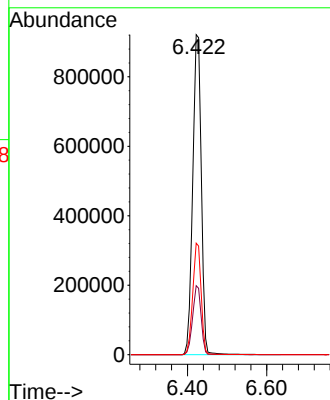
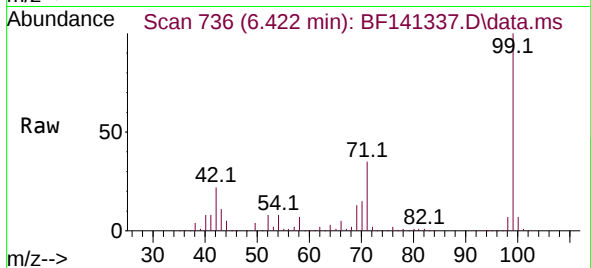




#7
Phenol-d6
Concen: 121.687 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

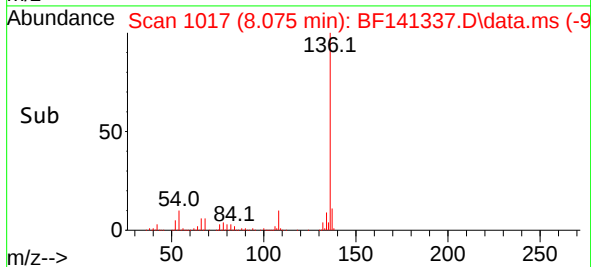
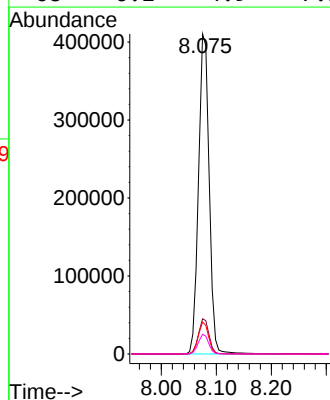
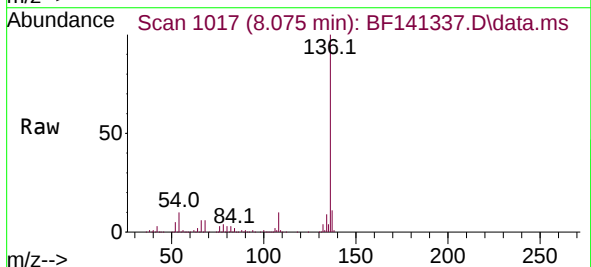
Instrument :
BNA_F
ClientSampleId :
PB166354BL

Tgt Ion: 99 Resp: 1391620
Ion Ratio Lower Upper
99 100
42 21.6 17.1 25.7
71 34.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion: 136 Resp: 554699
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 7.8 11.8
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.946 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141337.D

Acq: 31 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

PB166354BL

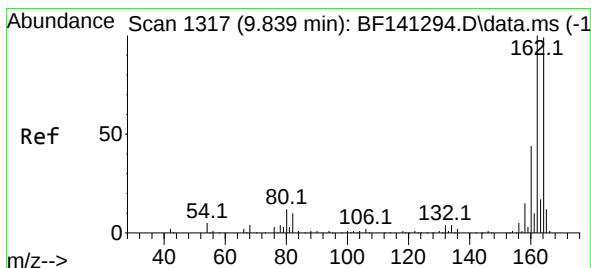
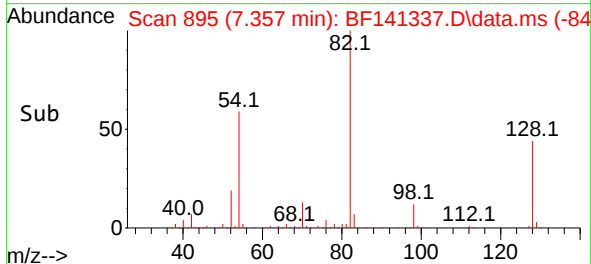
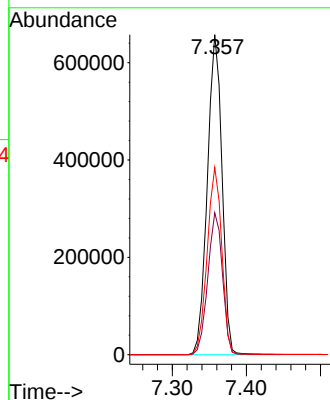
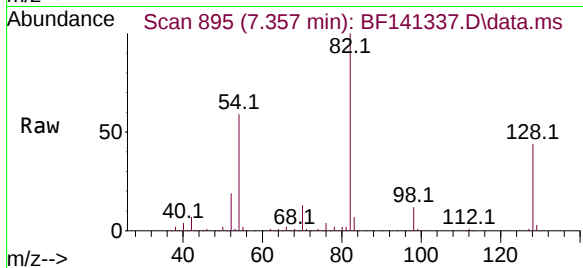
Tgt Ion: 82 Resp: 904348

Ion Ratio Lower Upper

82 100

128 44.3 35.7 53.5

54 58.5 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF141337.D

Acq: 31 Jan 2025 17:46

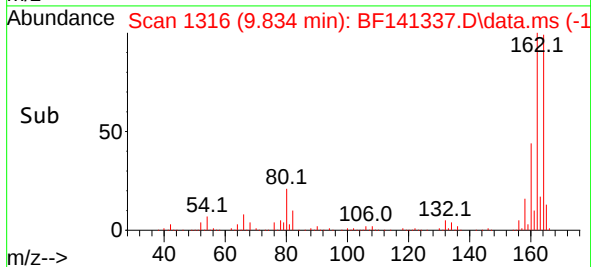
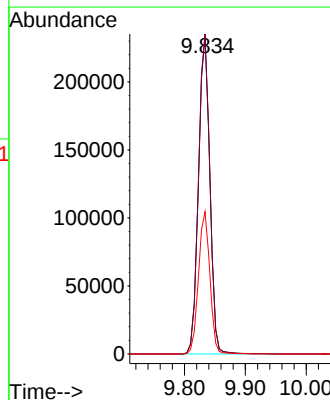
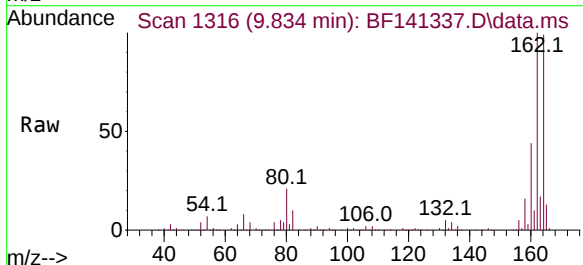
Tgt Ion:164 Resp: 302564

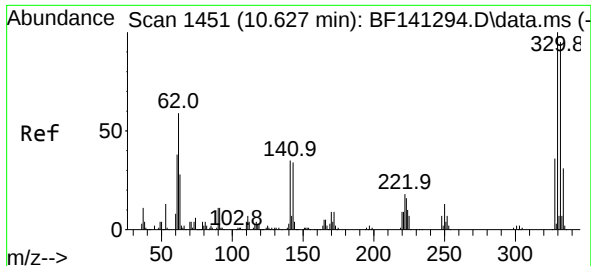
Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

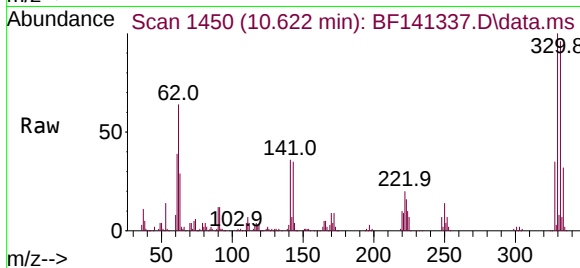
160 44.8 35.8 53.6



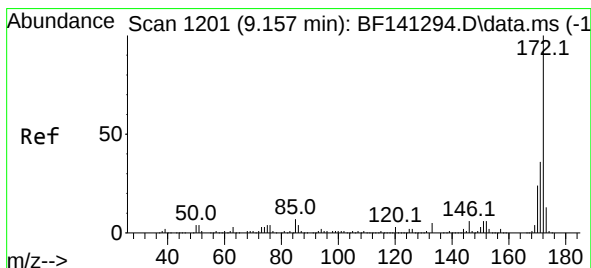
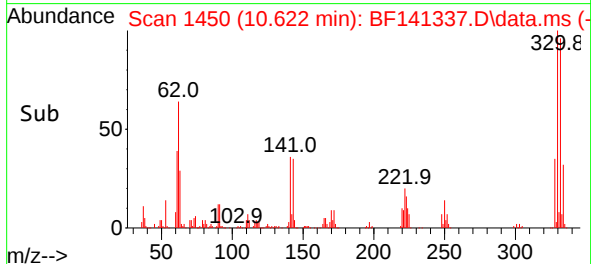
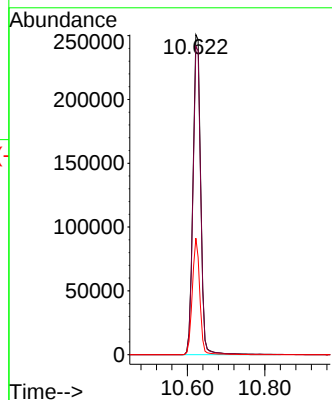


#42
 2,4,6-Tribromophenol
 Concen: 125.314 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BL

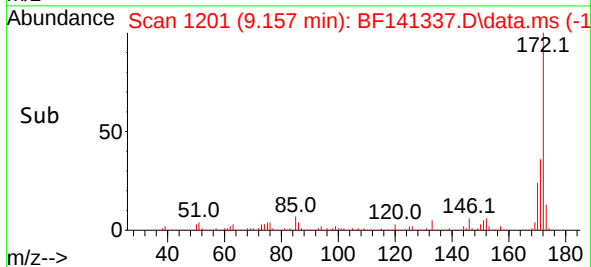
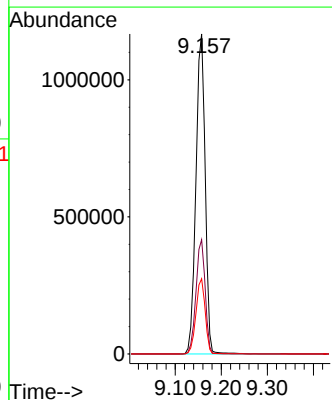
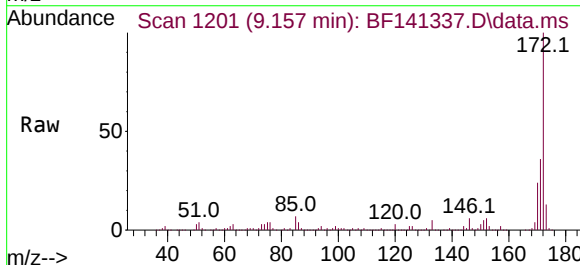


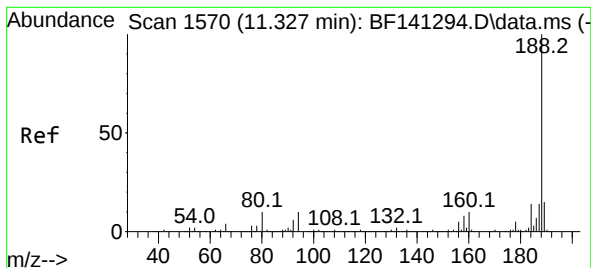
Tgt Ion:330 Resp: 347598
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.1 114.1
 141 35.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 82.891 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Tgt Ion:172 Resp: 1629412
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141337.D

Acq: 31 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

PB166354BL

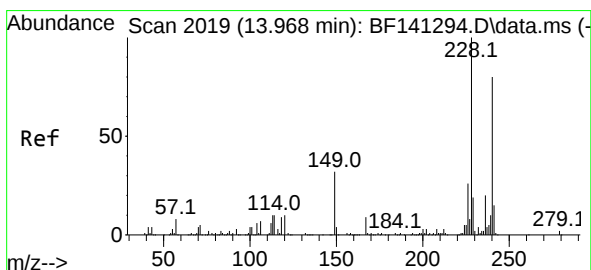
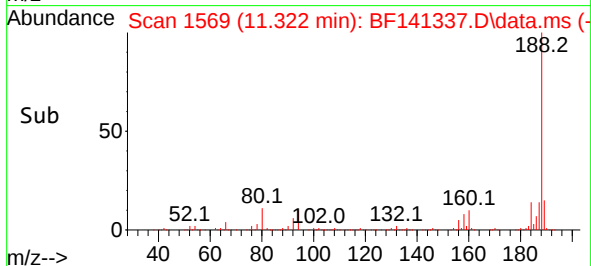
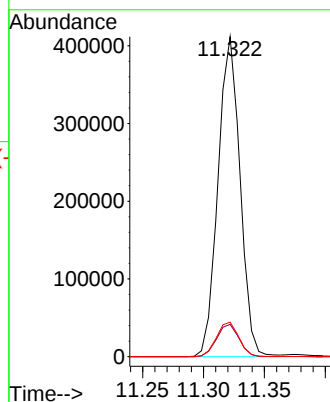
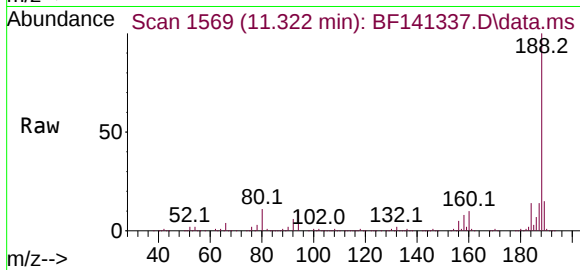
Tgt Ion:188 Resp: 518908

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.8 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141337.D

Acq: 31 Jan 2025 17:46

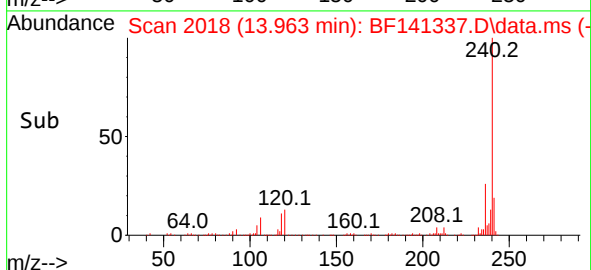
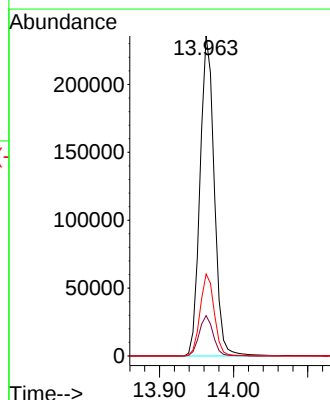
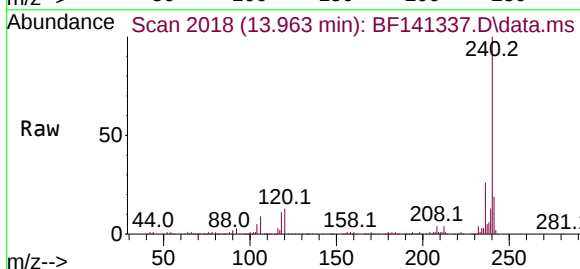
Tgt Ion:240 Resp: 314414

Ion Ratio Lower Upper

240 100

120 12.6 10.0 15.0

236 25.6 19.7 29.5

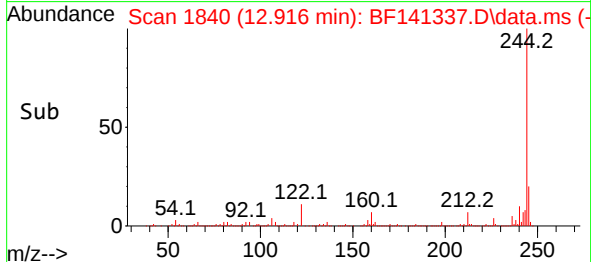
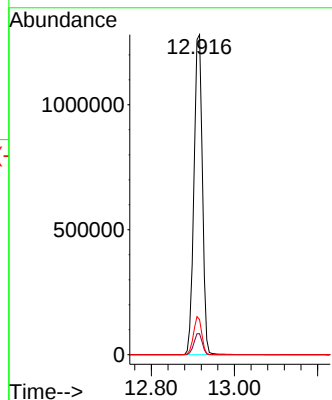
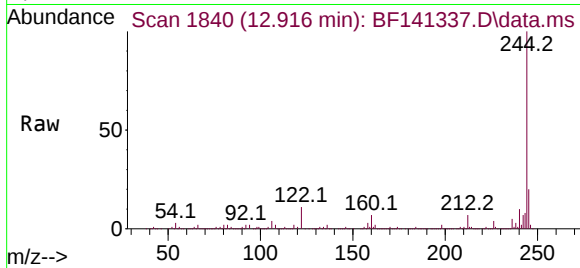




#79
 Terphenyl-d14
 Concen: 88.050 ng
 RT: 12.916 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BL

Tgt Ion:244 Resp: 1795121
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Tgt Ion:264 Resp: 272271
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 20.9 16.7 25.1

