

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
 Data File : BF143947.D
 Acq On : 14 Oct 2025 14:25
 Operator : RC/JU
 Sample : PB170067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170067BL

Quant Time: Oct 14 14:53:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124324	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501303	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273867	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	483747	20.000	ng	0.00
76) Chrysene-d12	14.063	240	306236	20.000	ng	0.00
86) Perylene-d12	15.545	264	259328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1028430	131.361	ng	0.00
7) Phenol-d6	6.504	99	1240759	132.959	ng	-0.01
23) Nitrobenzene-d5	7.445	82	784659	95.096	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	392621	143.935	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1473200	85.355	ng	-0.01
79) Terphenyl-d14	13.010	244	1716357	95.788	ng	0.00

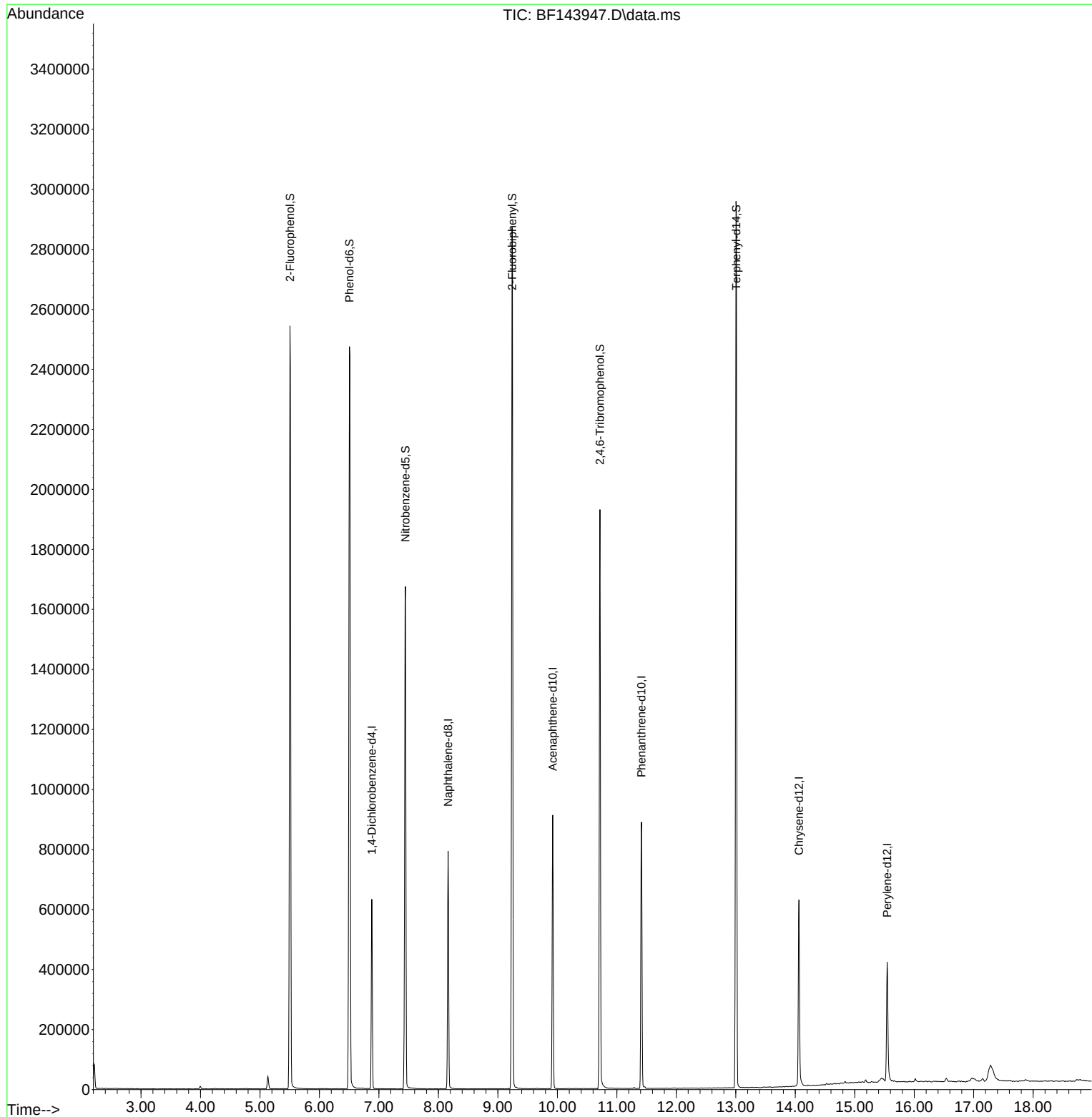
Target Compounds Qvalue

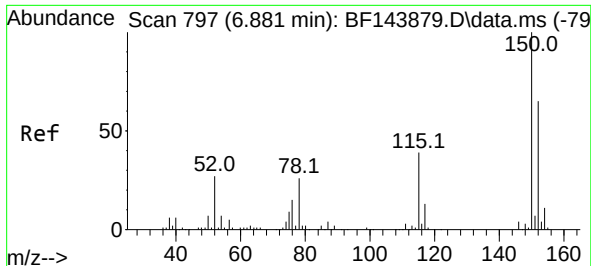
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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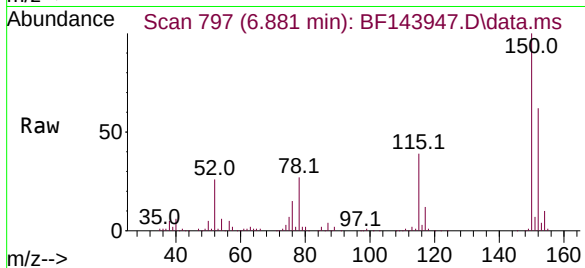
Quant Time: Oct 14 14:53:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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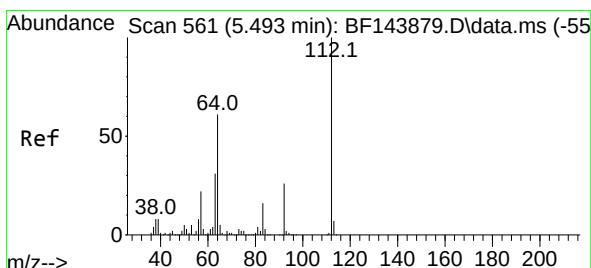
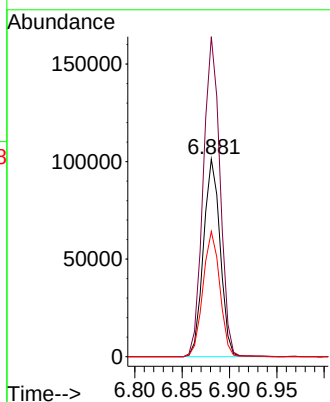
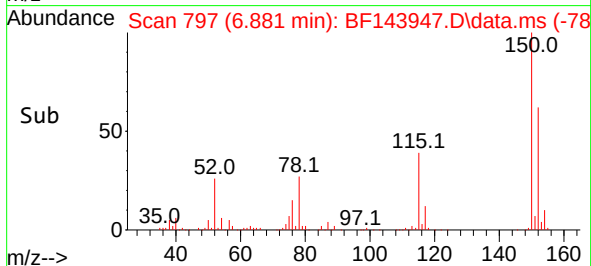


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25

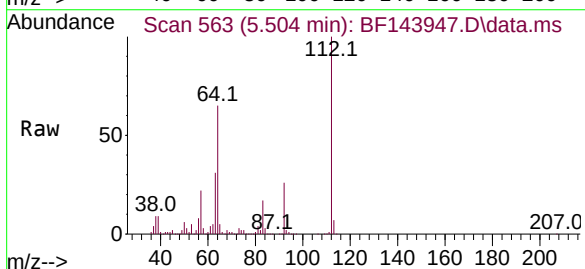
Instrument :
BNA_F
ClientSampleId :
PB170067BL



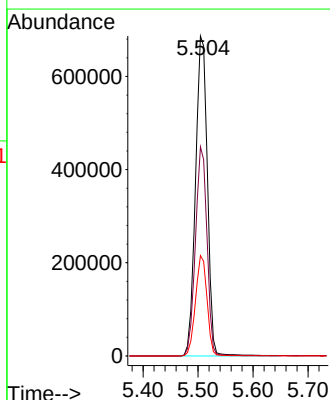
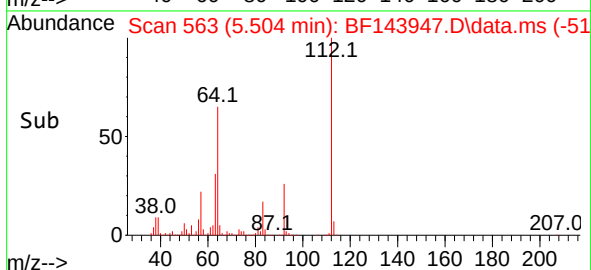
Tgt Ion:152 Resp: 124324
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 63.4 48.1 72.1

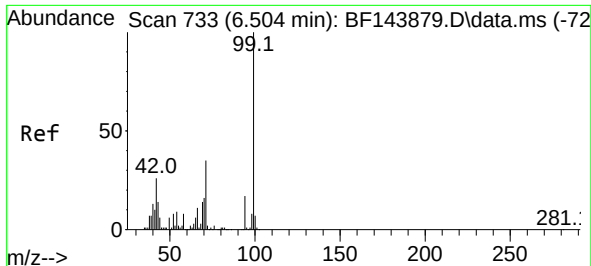


#5
2-Fluorophenol
Concen: 131.361 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25



Tgt Ion:112 Resp: 1028430
Ion Ratio Lower Upper
112 100
64 65.3 49.1 73.7
63 31.3 24.5 36.7



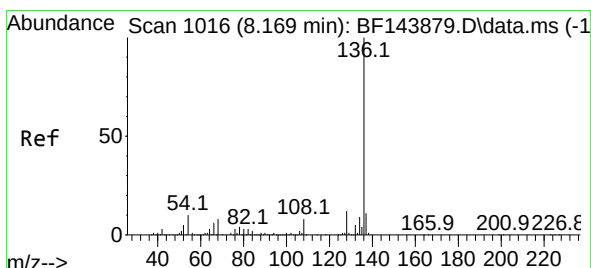
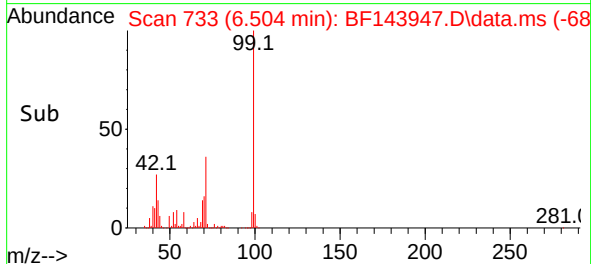
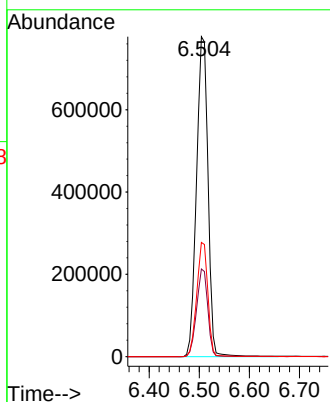
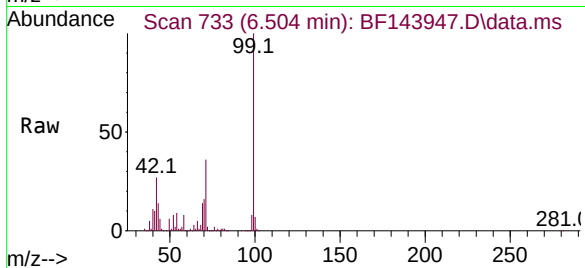


#7
Phenol-d6
Concen: 132.959 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB170067BL

Tgt Ion: 99 Resp: 1240759

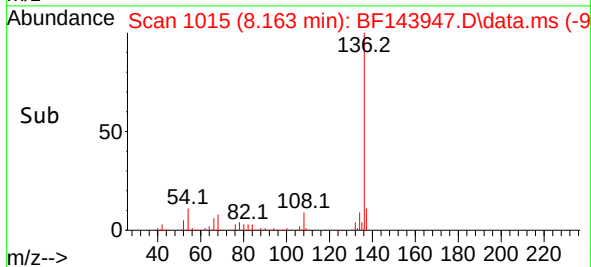
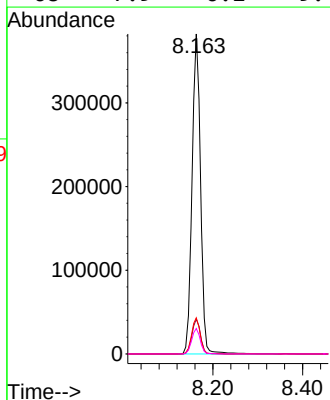
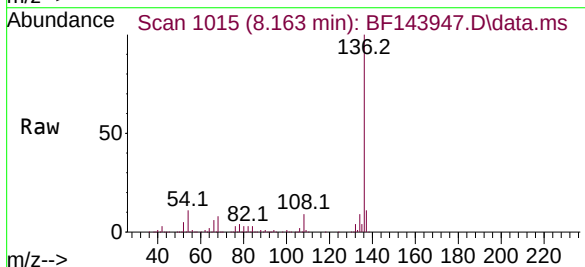
Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.0	31.4
71	35.7	27.8	41.8

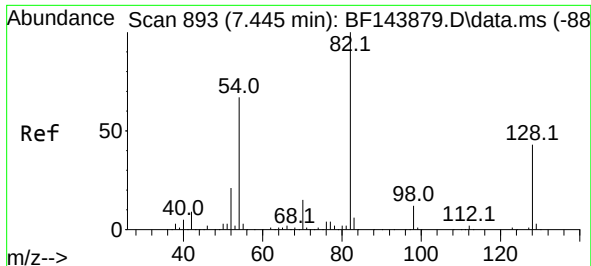


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25

Tgt Ion: 136 Resp: 501303

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.3	8.2	12.4
68	7.9	6.2	9.4





#23

Nitrobenzene-d5

Concen: 95.096 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143947.D

Acq: 14 Oct 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB170067BL

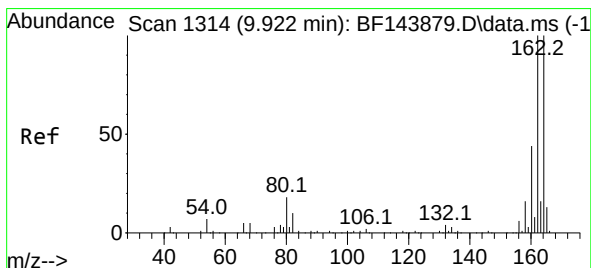
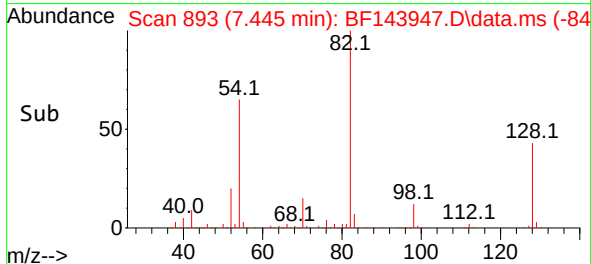
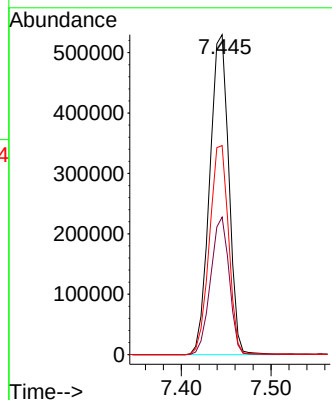
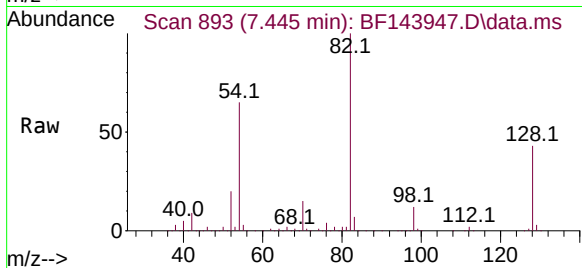
Tgt Ion: 82 Resp: 784659

Ion Ratio Lower Upper

82 100

128 43.0 34.0 51.0

54 65.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143947.D

Acq: 14 Oct 2025 14:25

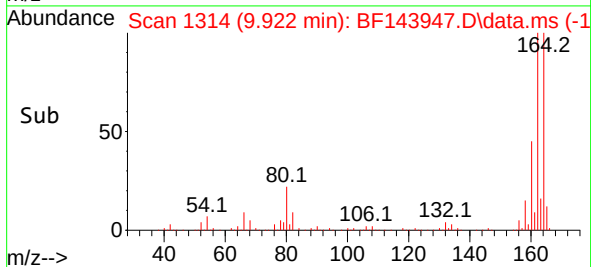
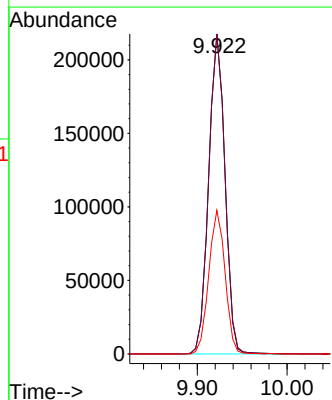
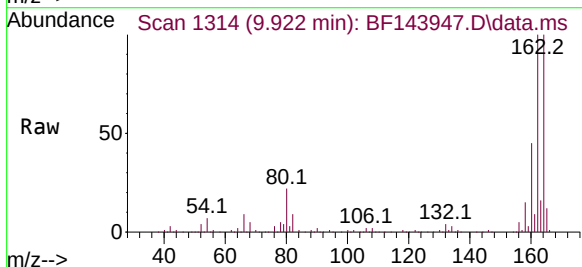
Tgt Ion:164 Resp: 273867

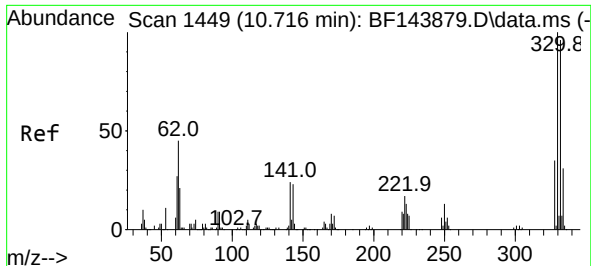
Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 44.9 35.4 53.0

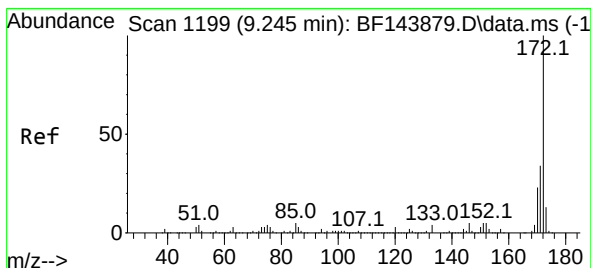
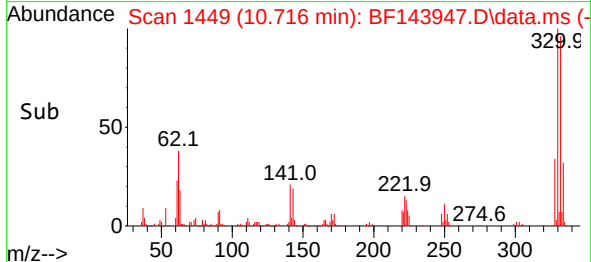
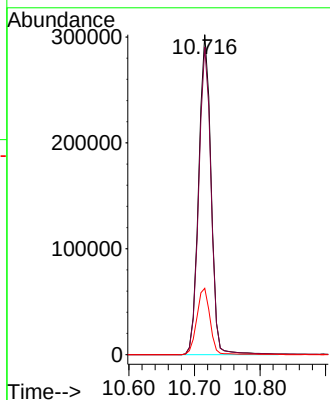
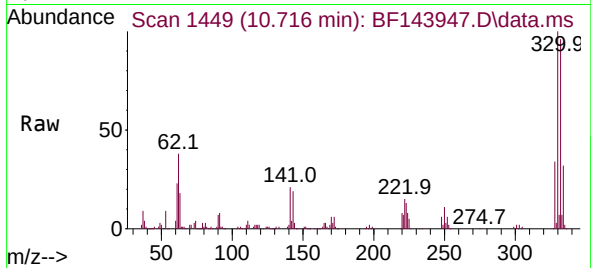




#42
2,4,6-Tribromophenol
Concen: 143.935 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25

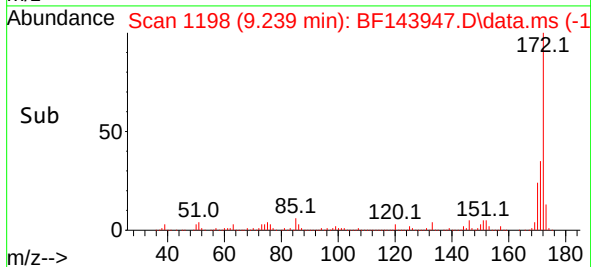
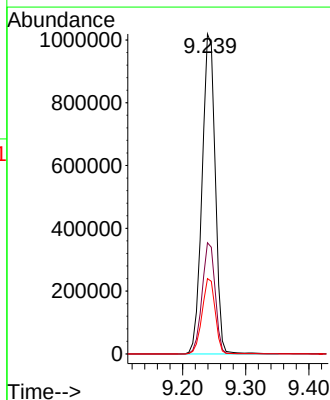
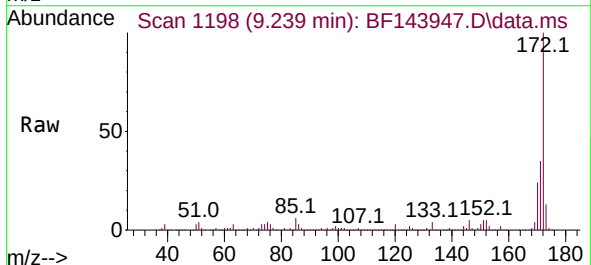
Instrument :
BNA_F
ClientSampleId :
PB170067BL

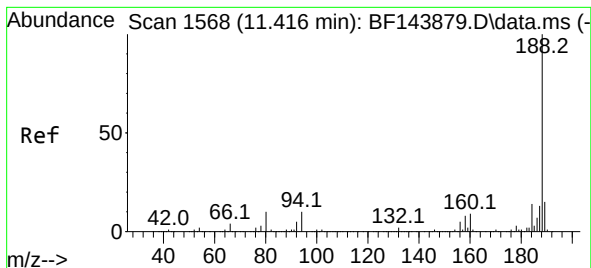
Tgt Ion:330 Resp: 392621
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 22.3 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 85.355 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143947.D
Acq: 14 Oct 2025 14:25

Tgt Ion:172 Resp: 1473200
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143947.D

Acq: 14 Oct 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB170067BL

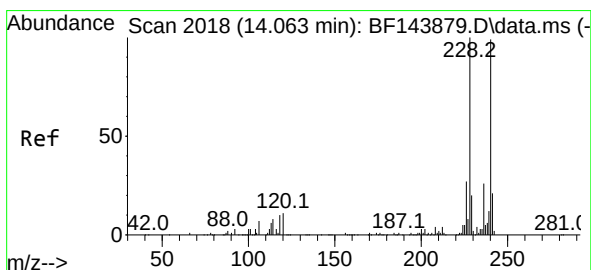
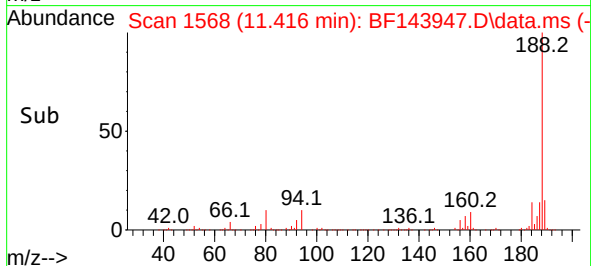
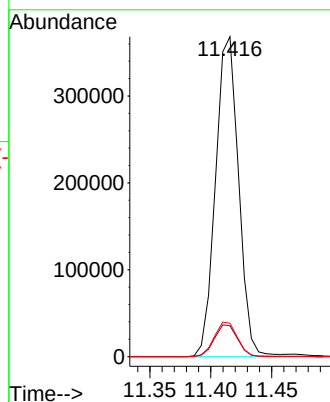
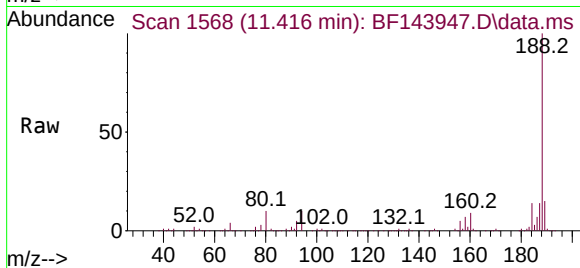
Tgt Ion:188 Resp: 483747

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143947.D

Acq: 14 Oct 2025 14:25

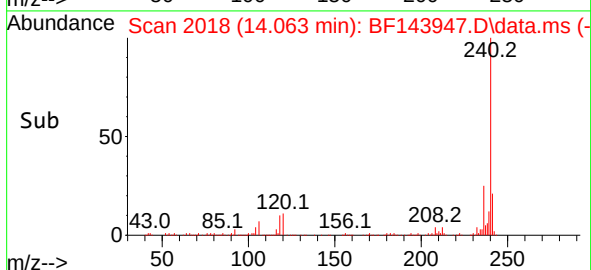
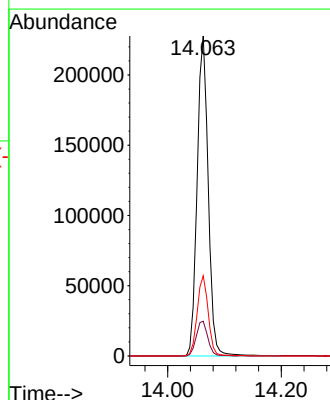
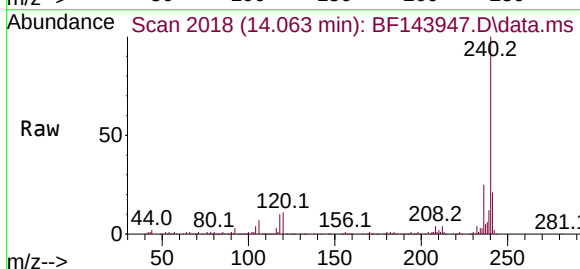
Tgt Ion:240 Resp: 306236

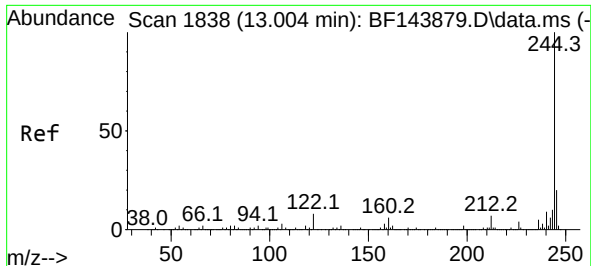
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.0 21.1 31.7

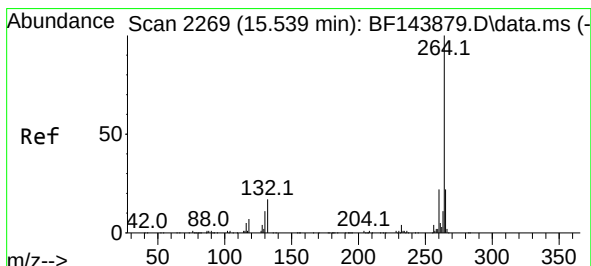
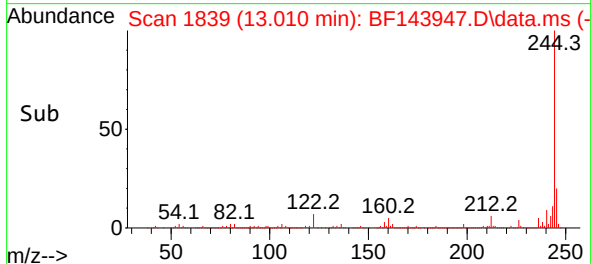
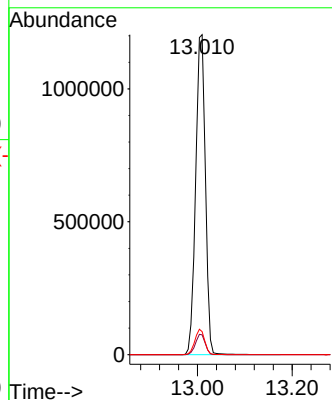
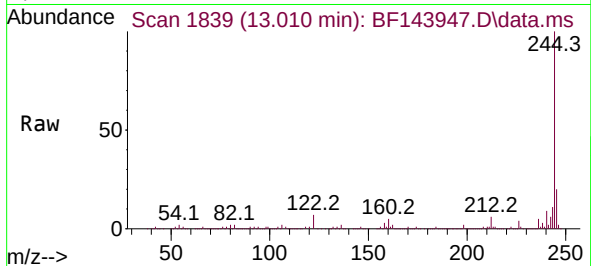




#79
 Terphenyl-d14
 Concen: 95.788 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF143947.D
 Acq: 14 Oct 2025 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB170067BL

Tgt Ion:244 Resp: 1716357
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.2 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143947.D
 Acq: 14 Oct 2025 14:25

Tgt Ion:264 Resp: 259328
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.8 26.8
 265 22.0 17.5 26.3

