

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142947.D
 Acq On : 01 Jul 2025 13:49
 Operator : RC/JU
 Sample : PB168649BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168649BL

Quant Time: Jul 01 14:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62411	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241848	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	125672	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	200491	20.000	ng	0.00
76) Chrysene-d12	14.045	240	116239	20.000	ng	-0.01
86) Perylene-d12	15.539	264	140657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	470010	125.384	ng	0.00
7) Phenol-d6	6.504	99	550654	124.509	ng	0.00
23) Nitrobenzene-d5	7.434	82	345708	78.406	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	154667	119.596	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	753324	78.746	ng	-0.01
79) Terphenyl-d14	12.986	244	606034	72.038	ng	-0.01

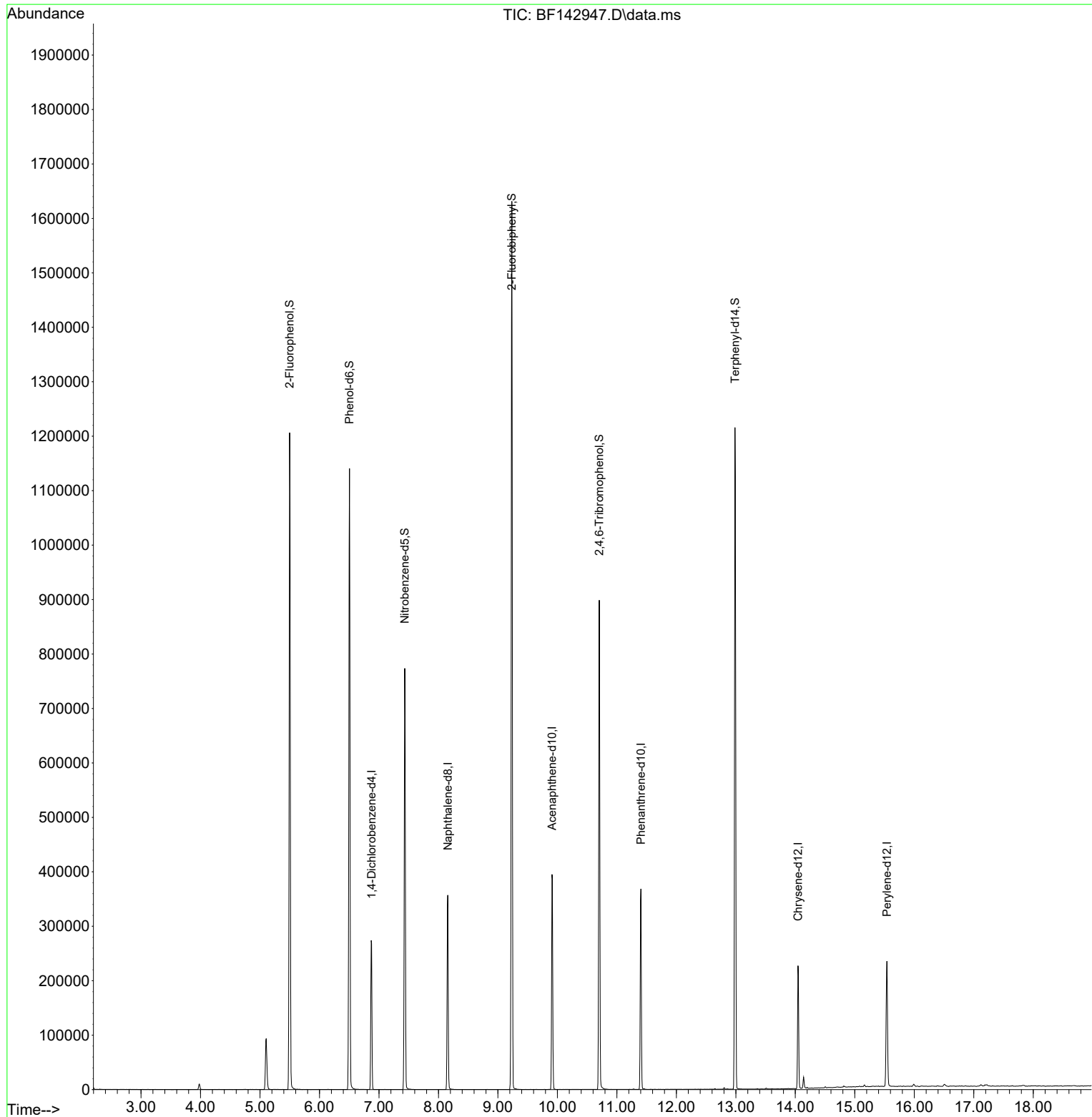
Target Compounds	Qvalue

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

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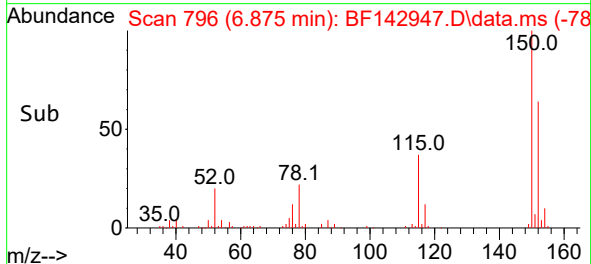
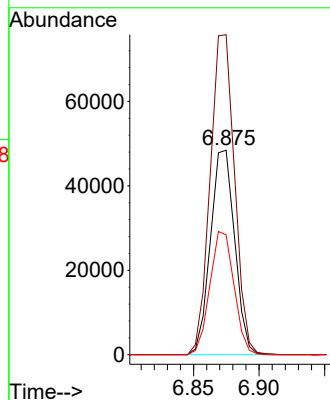
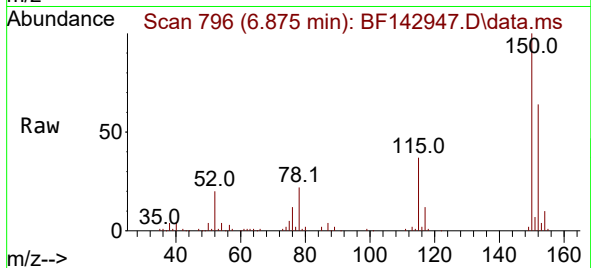




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

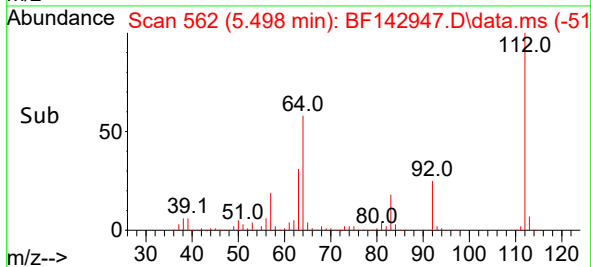
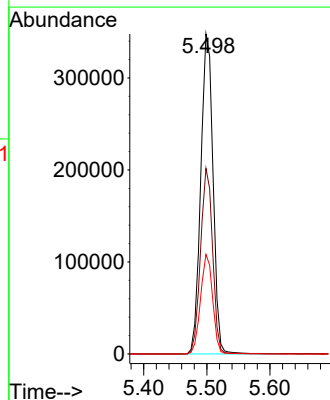
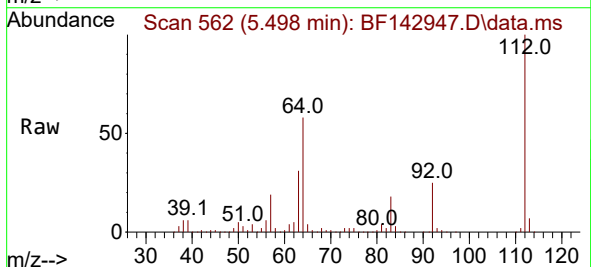
Instrument :
BNA_F
ClientSampleId :
PB168649BL

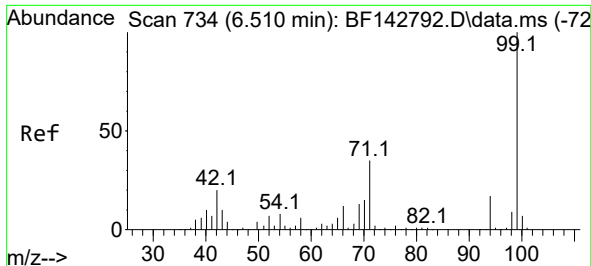
Tgt Ion:152 Resp: 62411
Ion Ratio Lower Upper
152 100
150 156.5 127.2 190.8
115 58.7 46.6 69.8



#5
2-Fluorophenol
Concen: 125.384 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

Tgt Ion:112 Resp: 470010
Ion Ratio Lower Upper
112 100
64 58.0 48.2 72.2
63 31.1 25.7 38.5

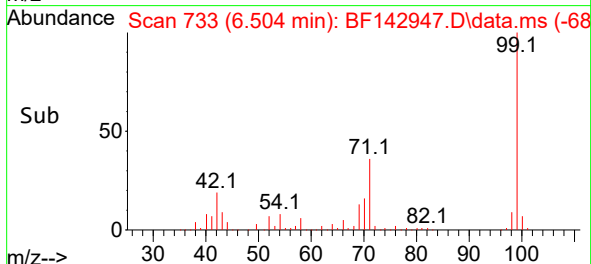
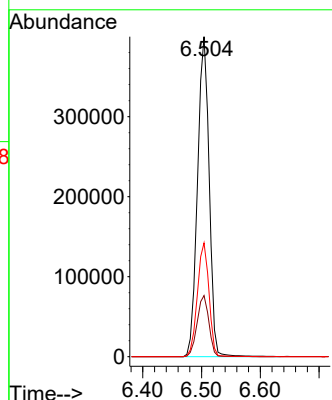
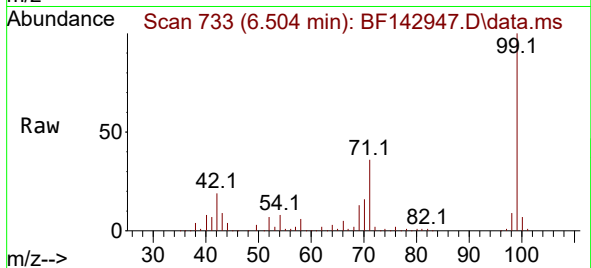




#7
Phenol-d6
Concen: 124.509 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

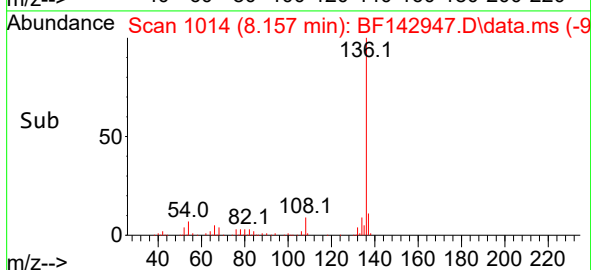
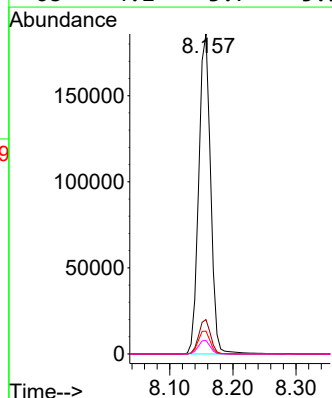
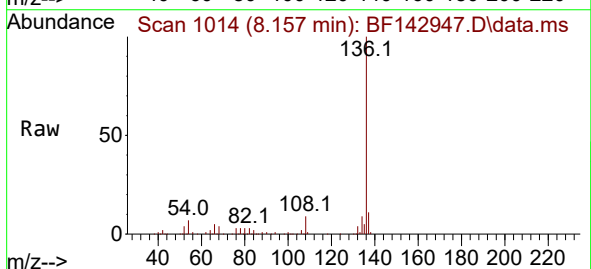
Instrument :
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ClientSampleId :
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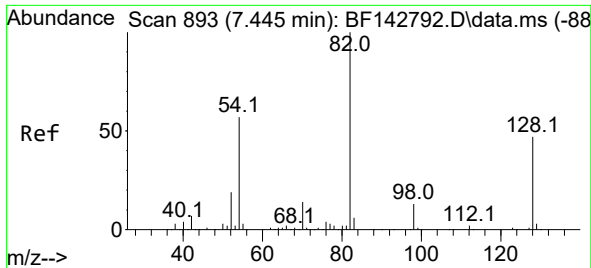
Tgt Ion: 99 Resp: 550654
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

Tgt Ion: 136 Resp: 241848
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.1 6.3 9.5
68 4.2 3.7 5.5

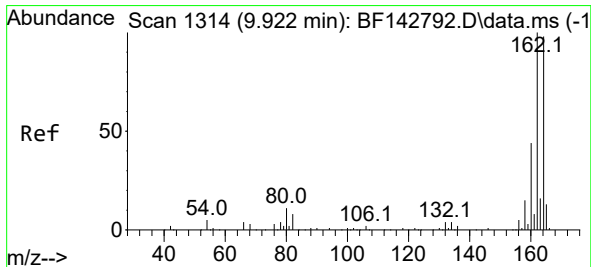
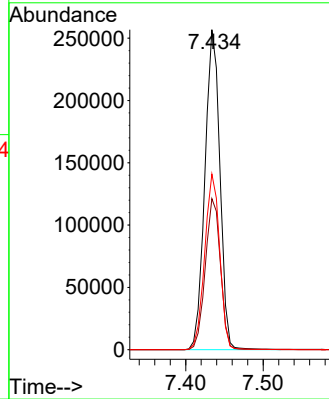
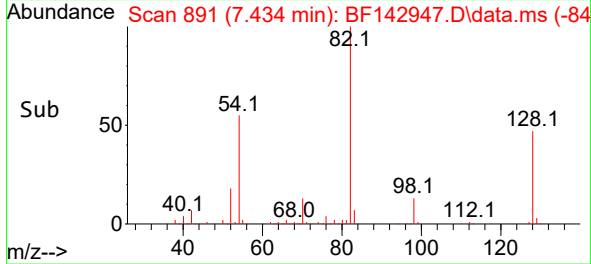
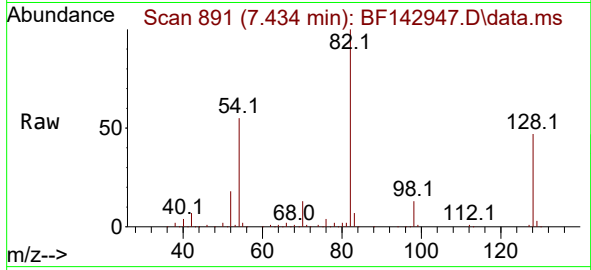




#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.011 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

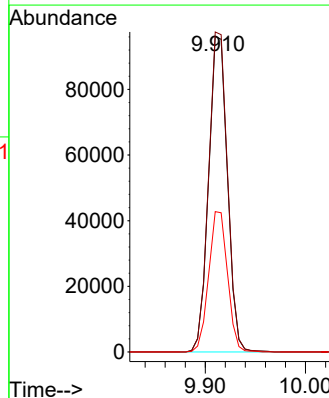
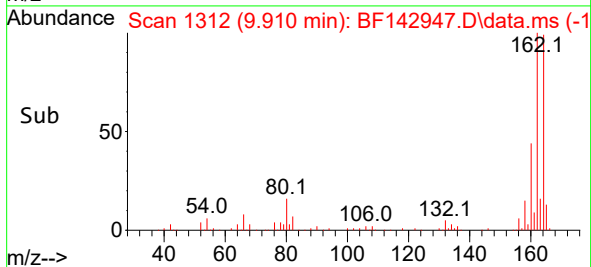
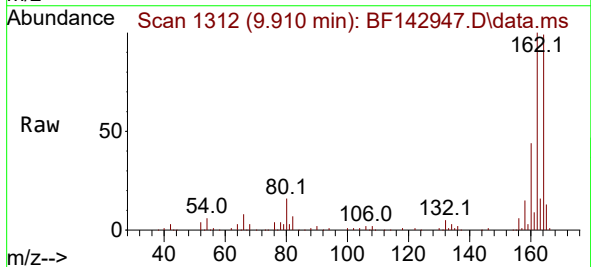
Instrument :
BNA_F
ClientSampleId :
PB168649BL

Tgt Ion: 82 Resp: 345708
Ion Ratio Lower Upper
82 100
128 47.2 37.7 56.5
54 54.9 45.7 68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

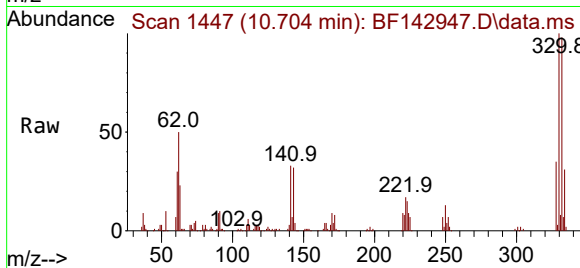
Tgt Ion:164 Resp: 125672
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.8
160 44.5 36.0 54.0



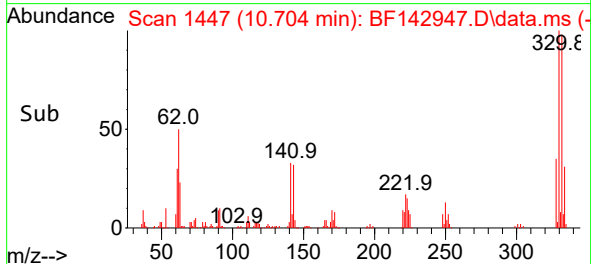
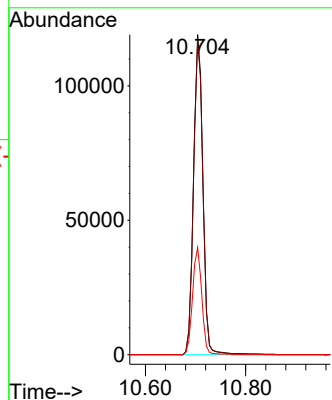


#42
2,4,6-Tribromophenol
Concen: 119.596 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

Instrument :
BNA_F
ClientSampleId :
PB168649BL

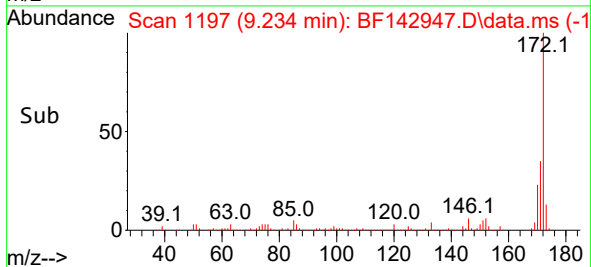
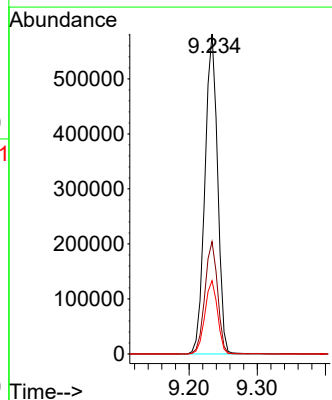
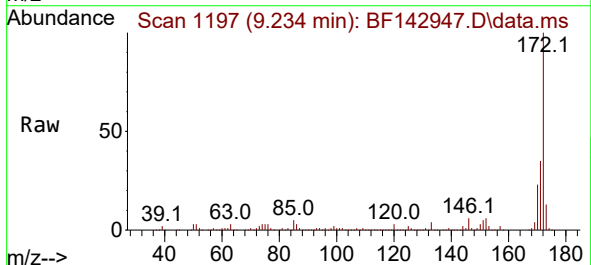


Tgt Ion:330 Resp: 154667
Ion Ratio Lower Upper
330 100
332 97.7 75.0 112.6
141 32.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 78.746 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

Tgt Ion:172 Resp: 753324
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.9 18.5 27.7

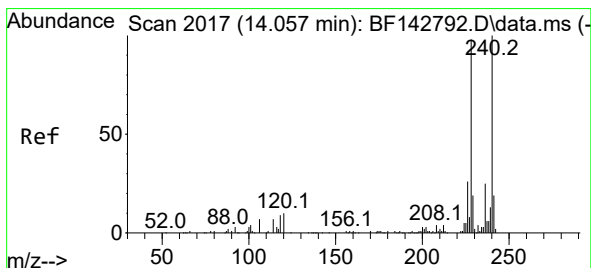
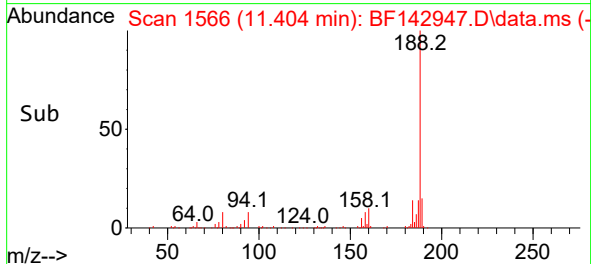
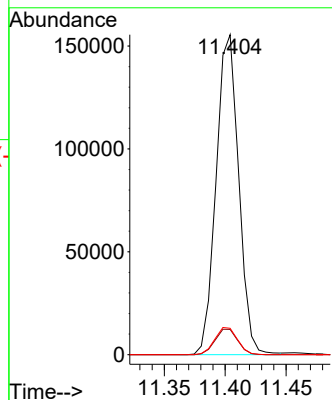
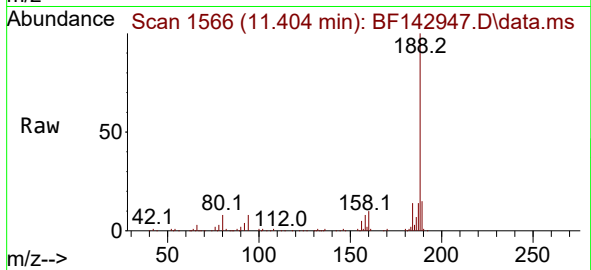




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

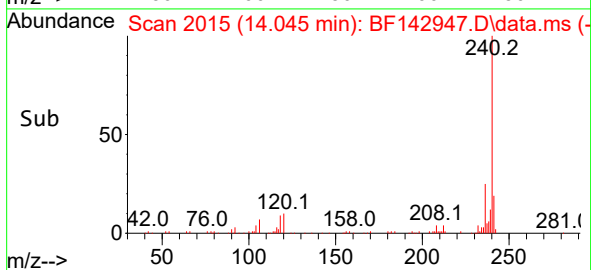
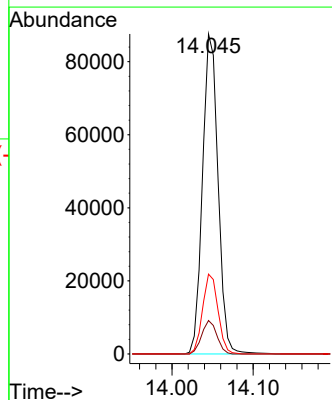
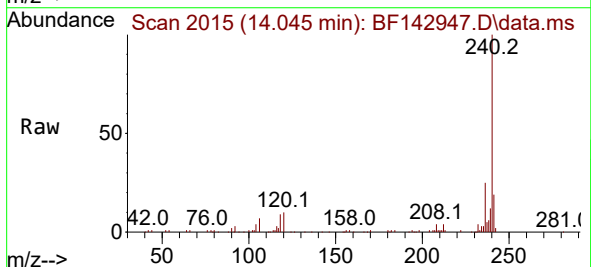
Instrument :
BNA_F
ClientSampleId :
PB168649BL

Tgt Ion:188 Resp: 200491
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

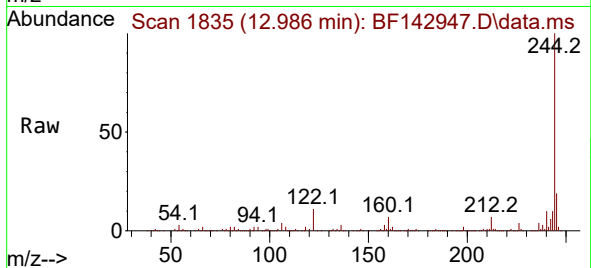
Tgt Ion:240 Resp: 116239
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 24.9 19.8 29.8



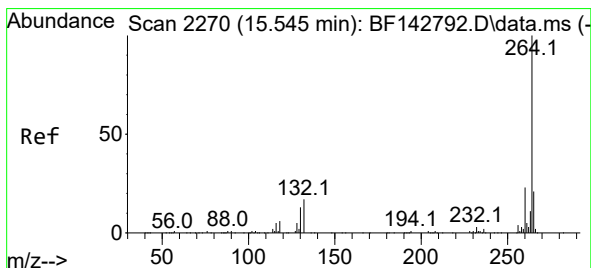
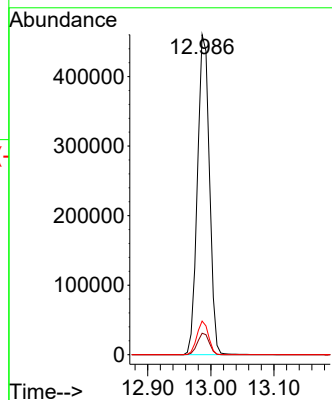
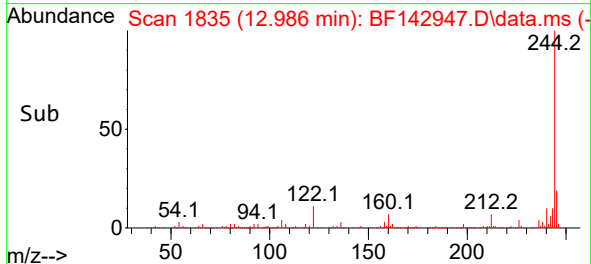


#79
Terphenyl-d14
Concen: 72.038 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49

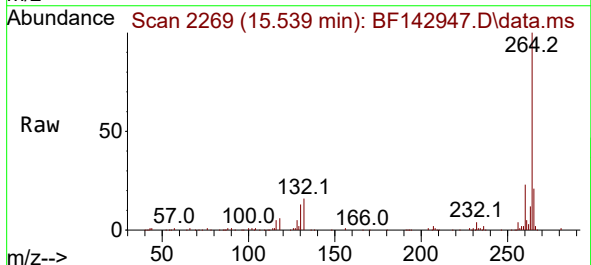
Instrument :
BNA_F
ClientSampleId :
PB168649BL



Tgt Ion:244 Resp: 606034
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.5 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142947.D
Acq: 01 Jul 2025 13:49



Tgt Ion:264 Resp: 140657
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 20.9 16.6 25.0

