

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142942.D
 Acq On : 01 Jul 2025 11:17
 Operator : RC/JU
 Sample : PB168640BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168640BL

Quant Time: Jul 01 11:50:22 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	63301	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240944	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	124742	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	196745	20.000	ng	0.00
76) Chrysene-d12	14.045	240	121645	20.000	ng	-0.01
86) Perylene-d12	15.539	264	142889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	476931	125.441	ng	0.00
7) Phenol-d6	6.504	99	562930	125.496	ng	0.00
23) Nitrobenzene-d5	7.434	82	344783	78.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	153941	119.922	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	759193	79.951	ng	-0.01
79) Terphenyl-d14	12.992	244	616709	70.049	ng	0.00

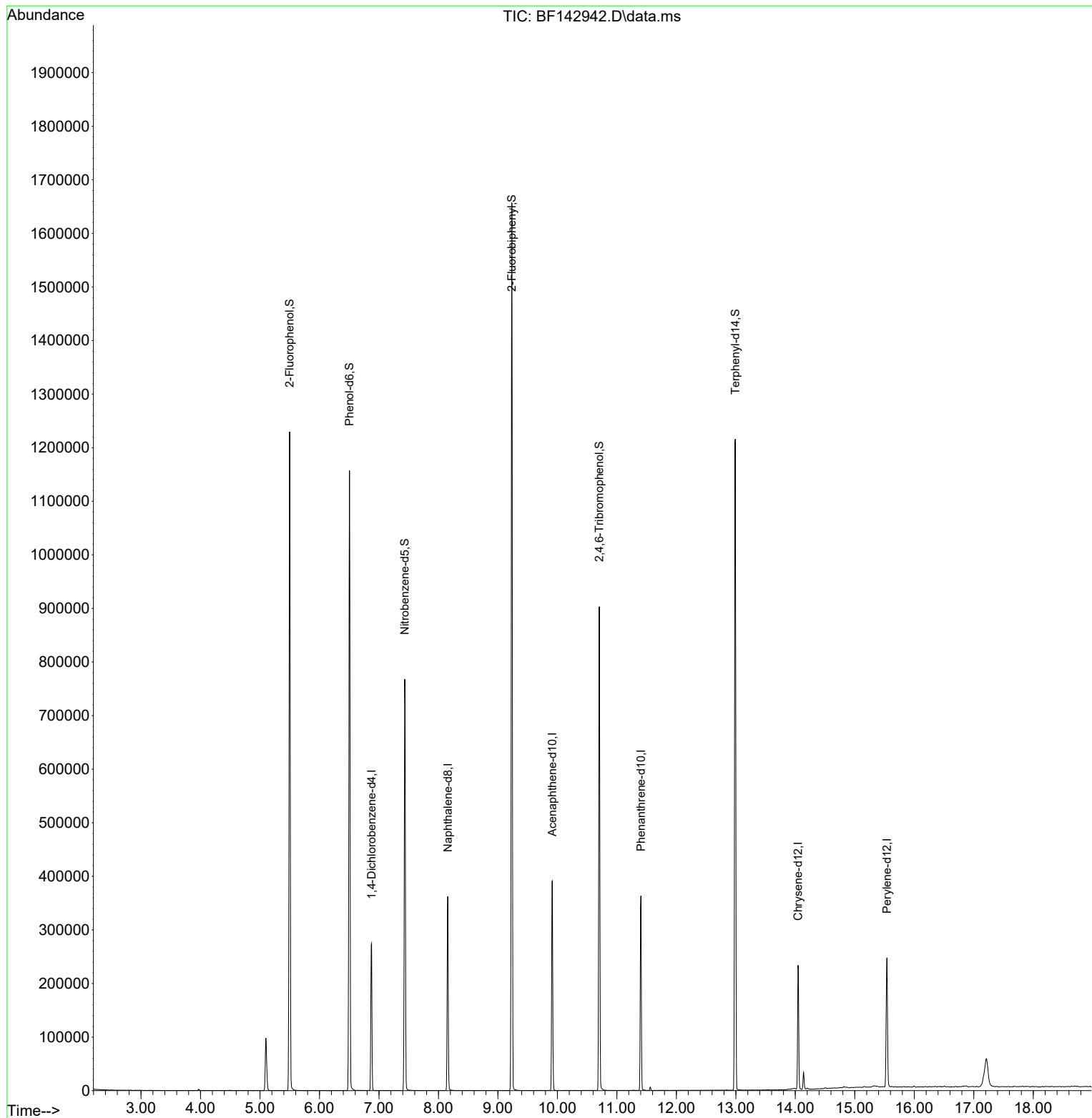
Target Compounds	Qvalue

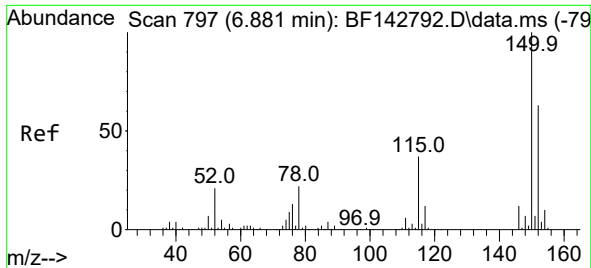
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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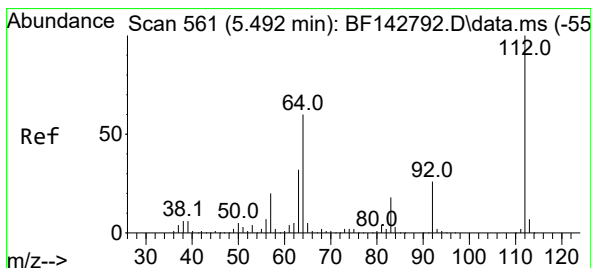
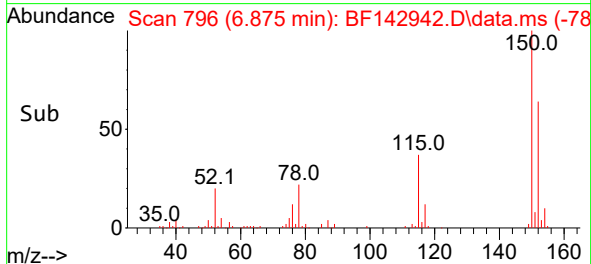
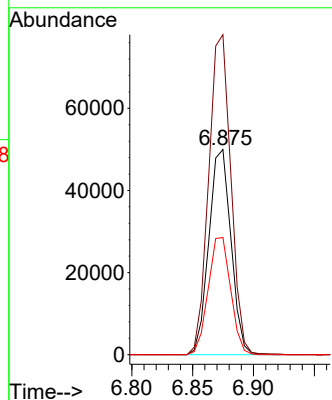
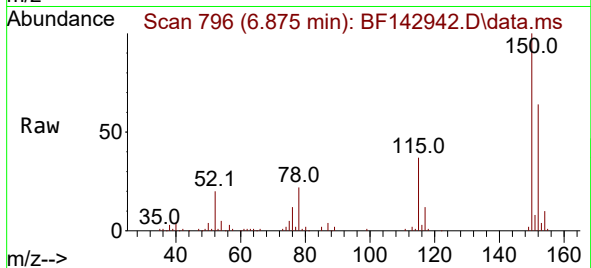




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

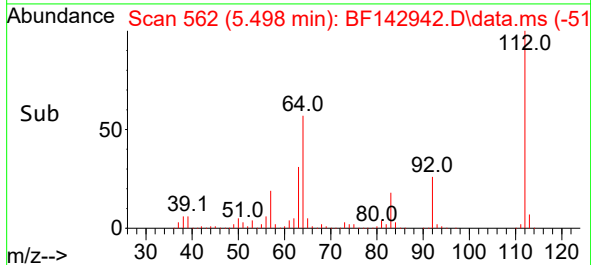
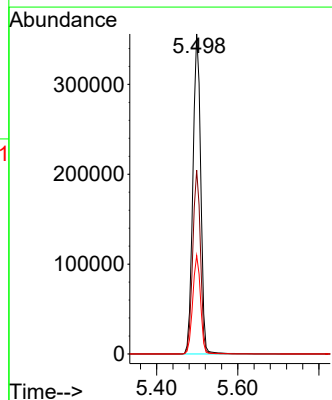
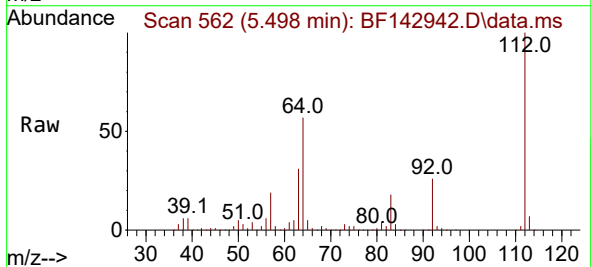
Instrument :
BNA_F
ClientSampleId :
PB168640BL

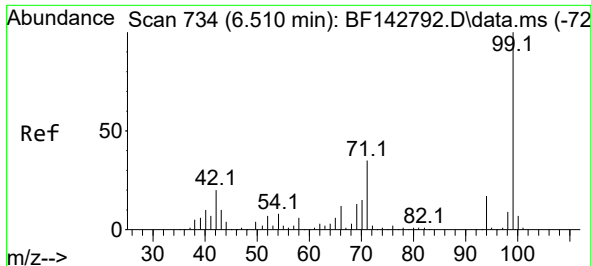
Tgt Ion:152 Resp: 63301
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 57.1 46.6 69.8



#5
2-Fluorophenol
Concen: 125.441 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

Tgt Ion:112 Resp: 476931
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.2
63 30.7 25.7 38.5

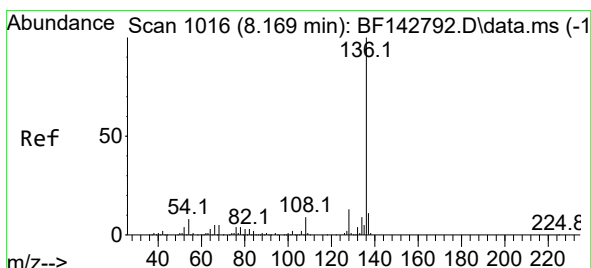
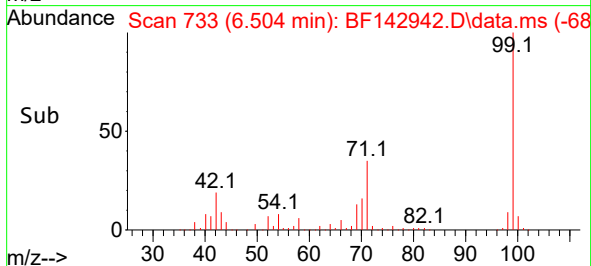
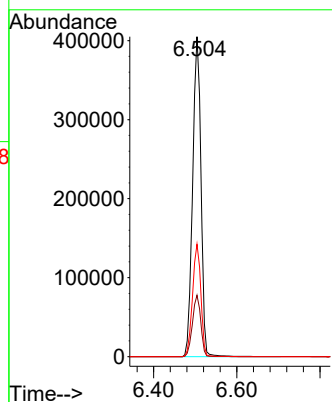
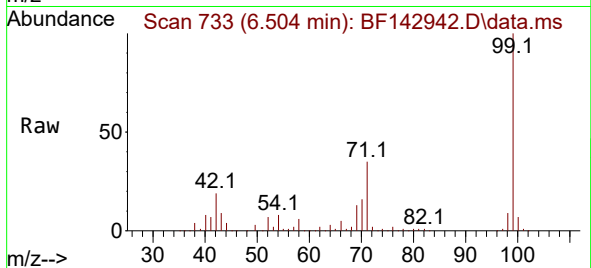




#7
Phenol-d6
Concen: 125.496 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

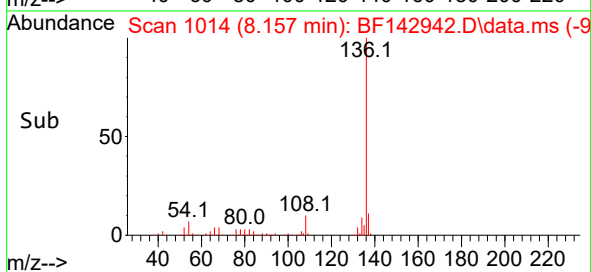
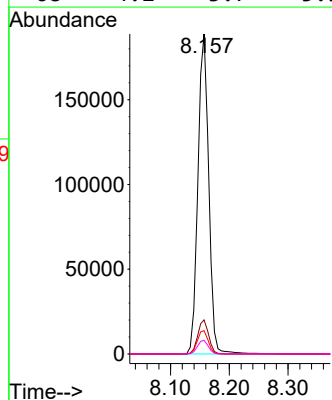
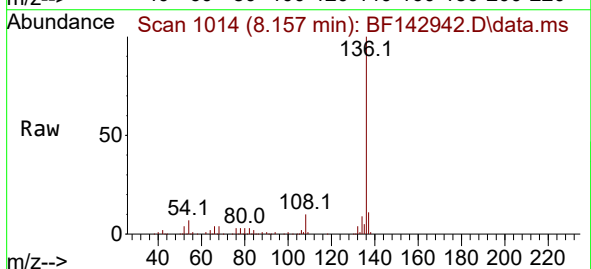
Instrument :
BNA_F
ClientSampleId :
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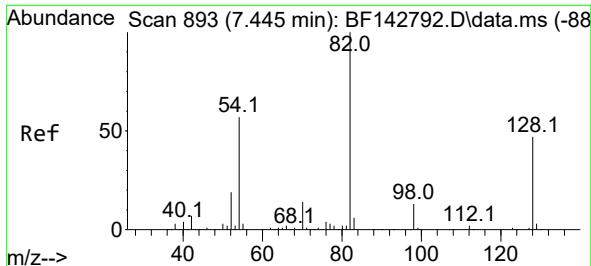
Tgt Ion: 99 Resp: 562930
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 35.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

Tgt Ion: 136 Resp: 240944
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.3 6.3 9.5
68 4.2 3.7 5.5

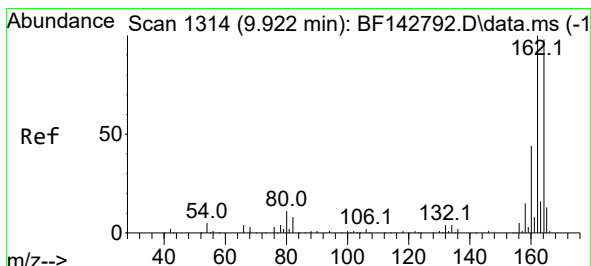
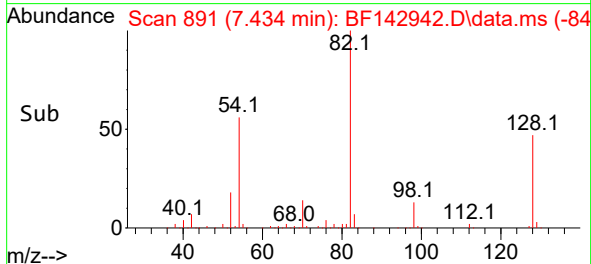
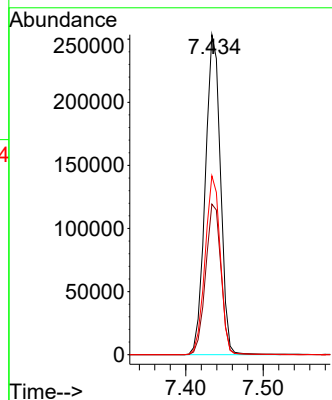
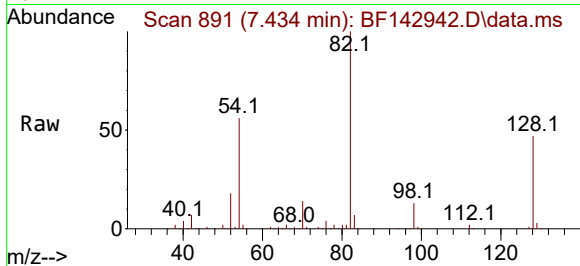




#23
 Nitrobenzene-d5
 Concen: 78.490 ng
 RT: 7.434 min Scan# 891
 Delta R.T. -0.011 min
 Lab File: BF142942.D
 Acq: 01 Jul 2025 11:17

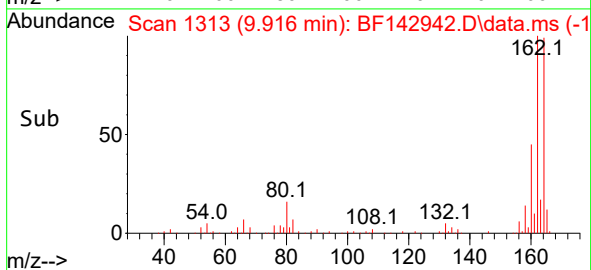
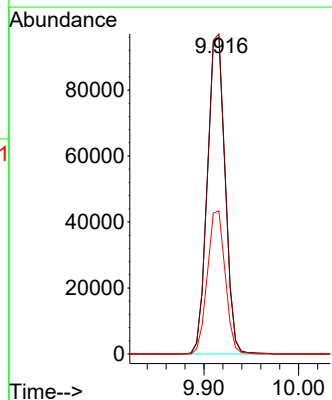
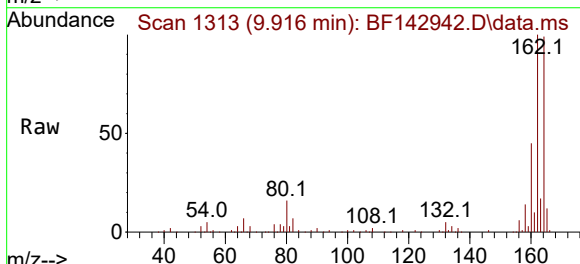
Instrument :
 BNA_F
 ClientSampleId :
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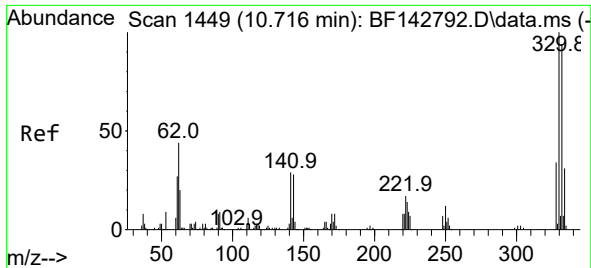
Tgt Ion: 82 Resp: 344783
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.7 56.5
 54 55.9 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF142942.D
 Acq: 01 Jul 2025 11:17

Tgt Ion:164 Resp: 124742
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.8 122.8
 160 45.1 36.0 54.0

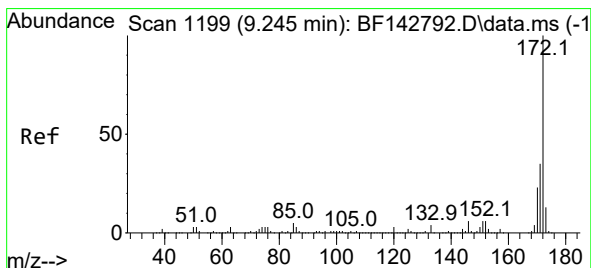
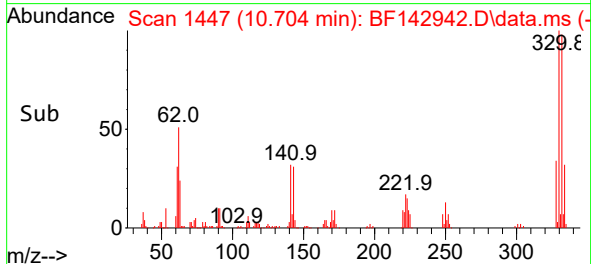
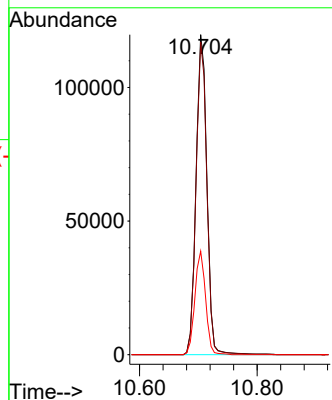
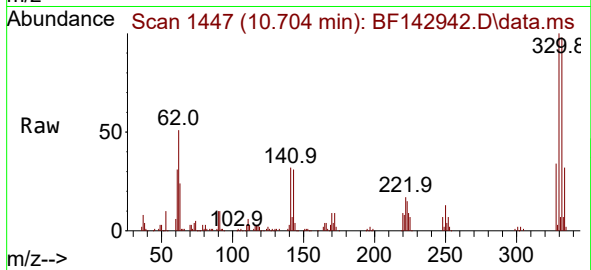




#42
2,4,6-Tribromophenol
Concen: 119.922 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

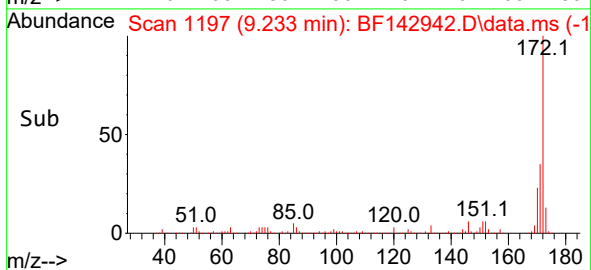
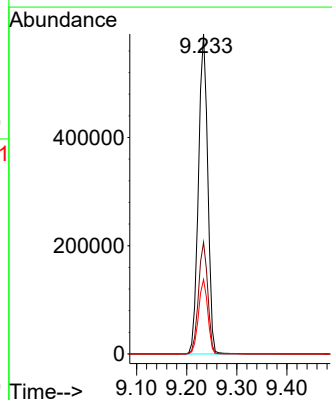
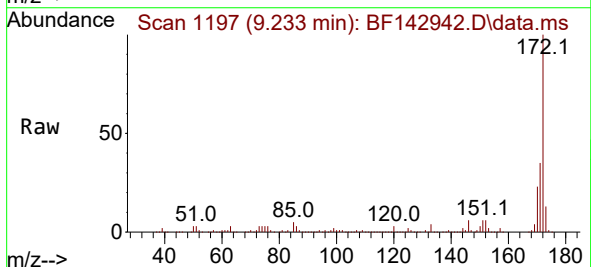
Instrument :
BNA_F
ClientSampleId :
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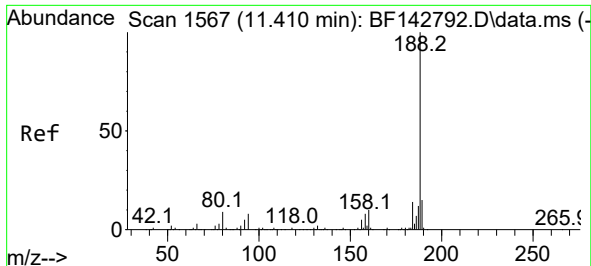
Tgt Ion:330 Resp: 153941
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 31.8 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.951 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

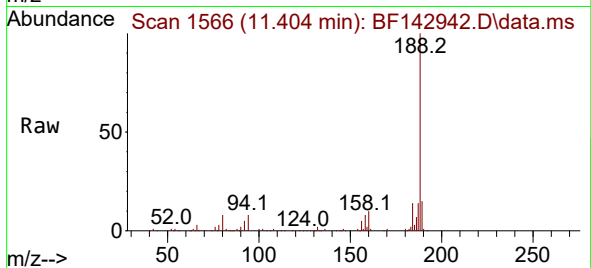
Tgt Ion:172 Resp: 759193
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.2 18.5 27.7



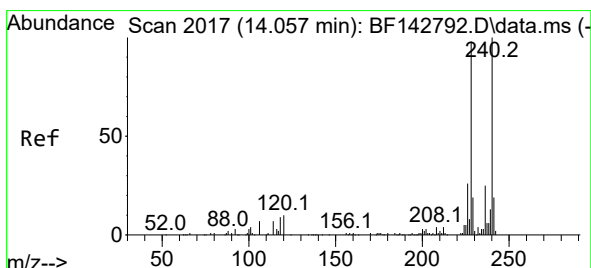
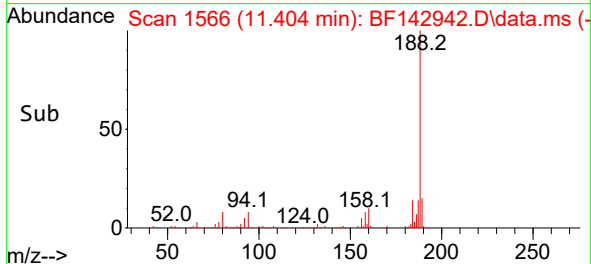
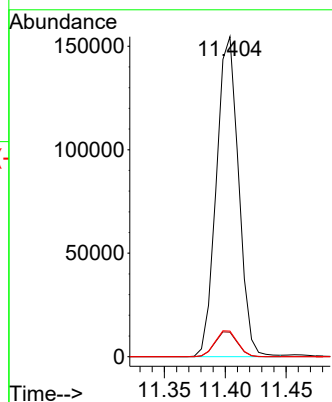


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB168640BL

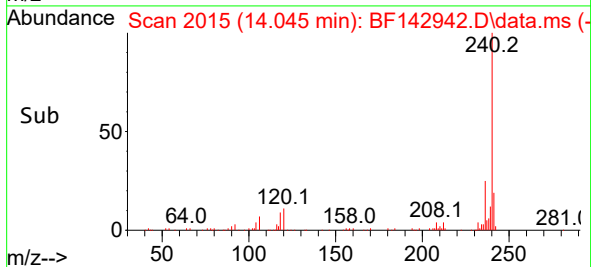
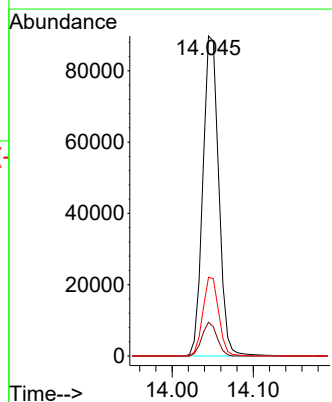
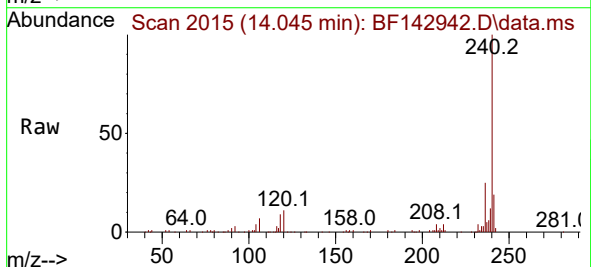


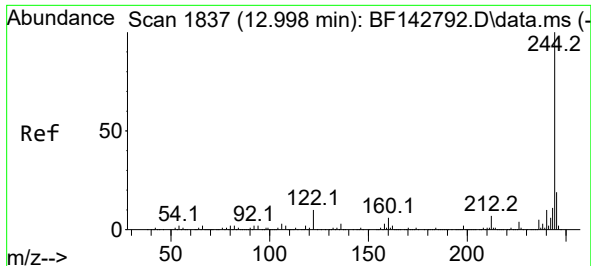
Tgt Ion:188 Resp: 196745
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

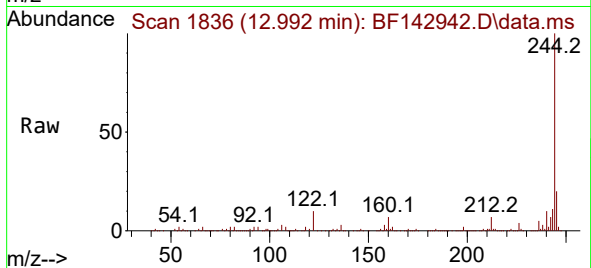
Tgt Ion:240 Resp: 121645
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.6 19.8 29.8



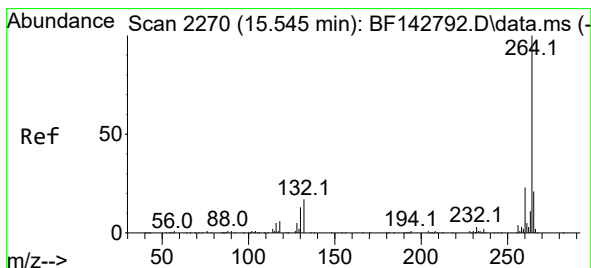
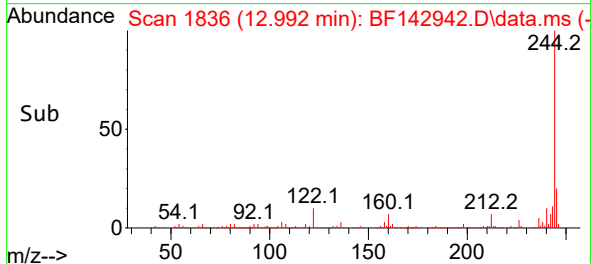
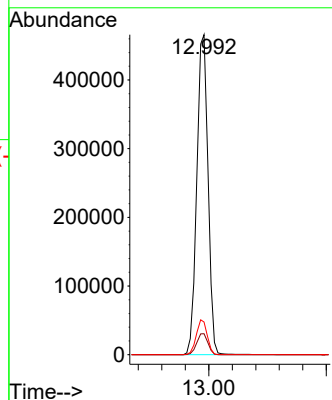


#79
Terphenyl-d14
Concen: 70.049 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142942.D
Acq: 01 Jul 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB168640BL



Tgt Ion:244 Resp: 616709
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.2 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: BF142942.D
Acq: 01 Jul 2025 11:17

Tgt Ion:264 Resp: 142889
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 21.0 16.6 25.0

