

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142945.D
 Acq On : 01 Jul 2025 12:48
 Operator : RC/JU
 Sample : PB168646BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168646BL

Quant Time: Jul 01 13:11:58 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	6.869	152	65784	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	250159	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	131111	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	213543	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120986	20.000	ng	-0.01
86) Perylene-d12	15.539	264	139764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	467248	118.256	ng	0.00
7) Phenol-d6	6.504	99	556227	119.321	ng	0.00
23) Nitrobenzene-d5	7.434	82	346047	75.876	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	159876	118.495	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	752155	75.362	ng	-0.01
79) Terphenyl-d14	12.986	244	628647	71.794	ng	-0.01

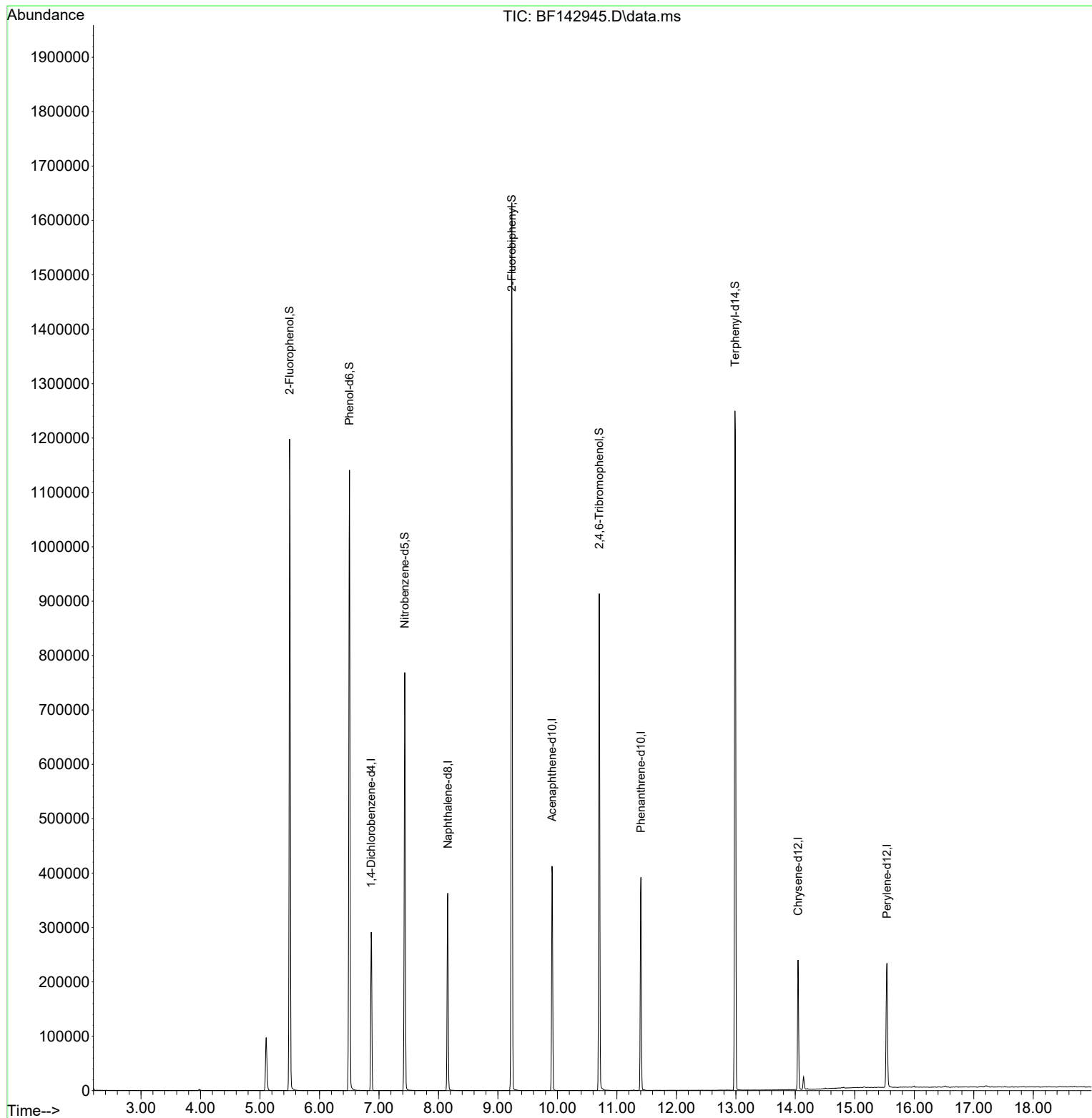
Target Compounds	Qvalue

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

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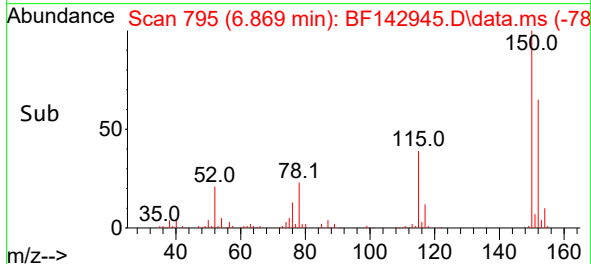
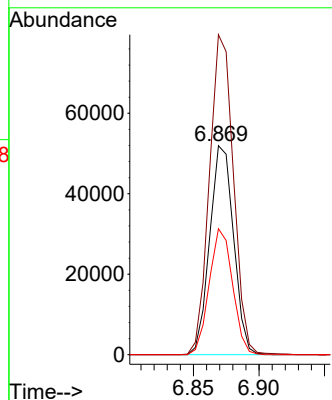
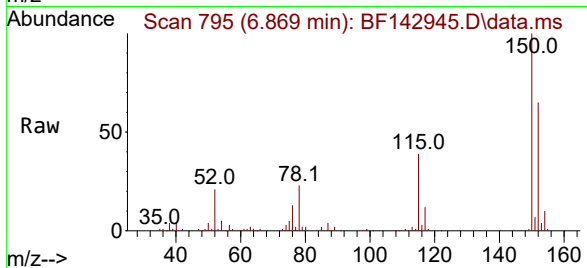




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

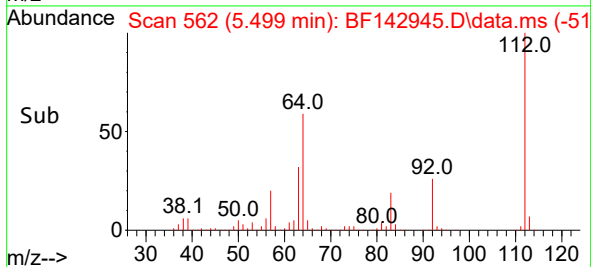
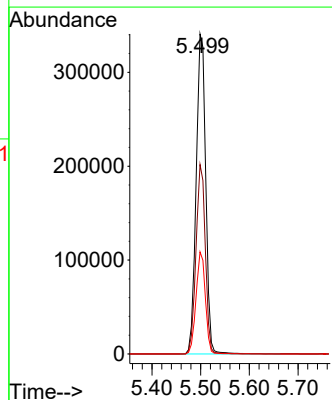
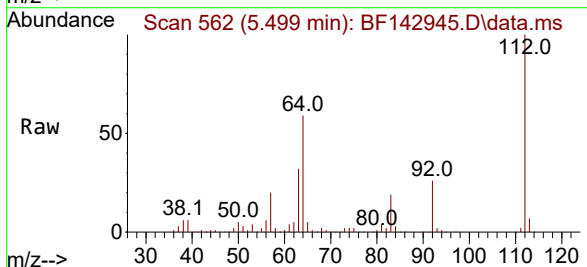
Instrument :
BNA_F
ClientSampleId :
PB168646BL

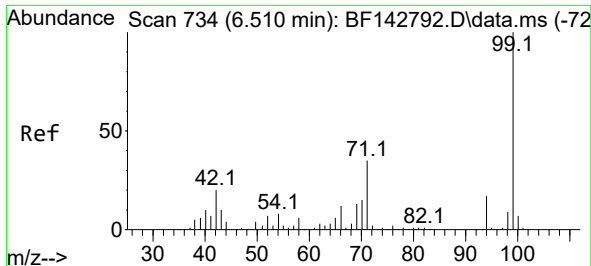
Tgt Ion:152 Resp: 65784
Ion Ratio Lower Upper
152 100
150 153.2 127.2 190.8
115 60.3 46.6 69.8



#5
2-Fluorophenol
Concen: 118.256 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.007 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

Tgt Ion:112 Resp: 467248
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.2
63 31.9 25.7 38.5

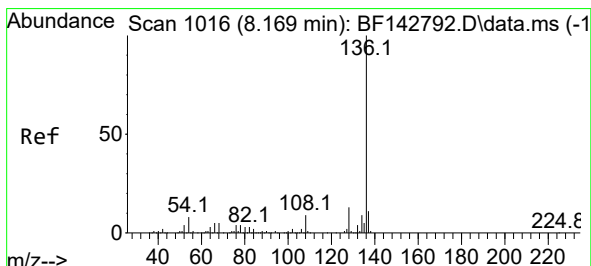
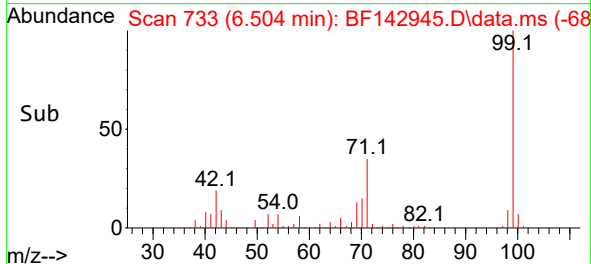
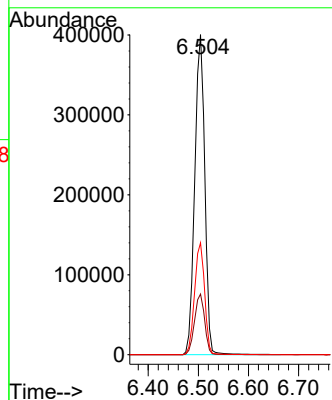
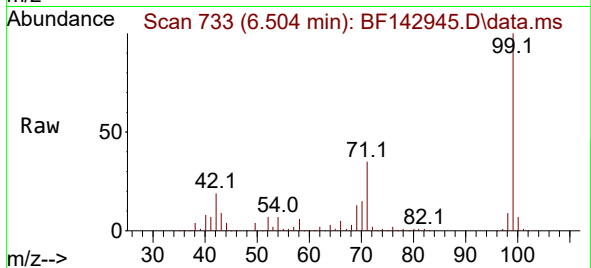




#7
Phenol-d6
Concen: 119.321 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

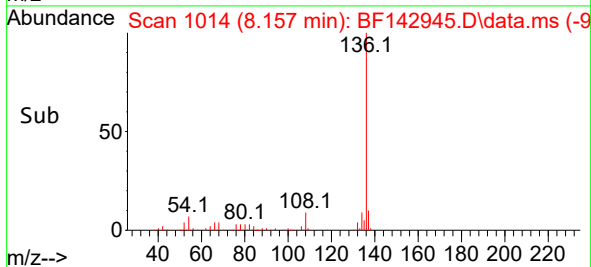
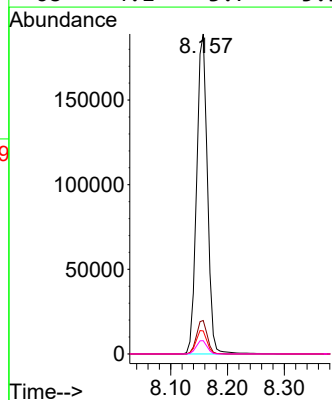
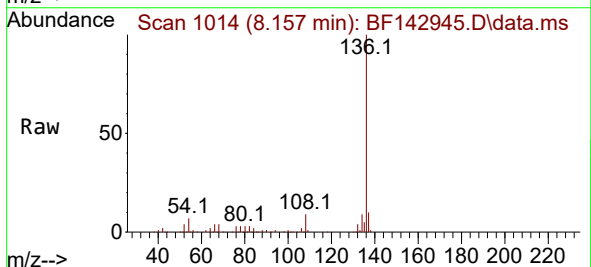
Instrument :
BNA_F
ClientSampleId :
PB168646BL

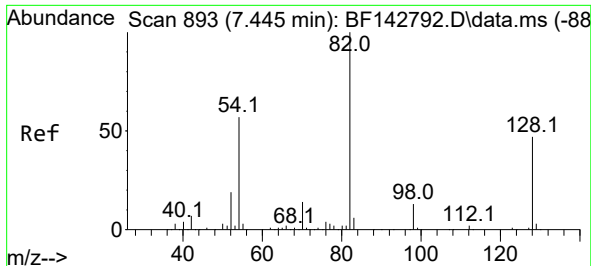
Tgt Ion: 99 Resp: 556227
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

Tgt Ion: 136 Resp: 250159
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.2 6.3 9.5
68 4.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 75.876 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142945.D

Acq: 01 Jul 2025 12:48

Instrument :

BNA_F

ClientSampleId :

PB168646BL

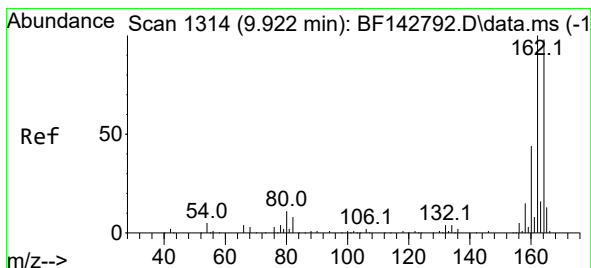
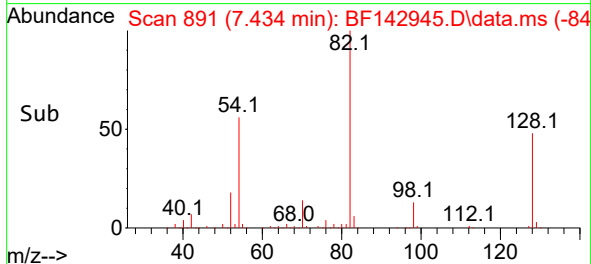
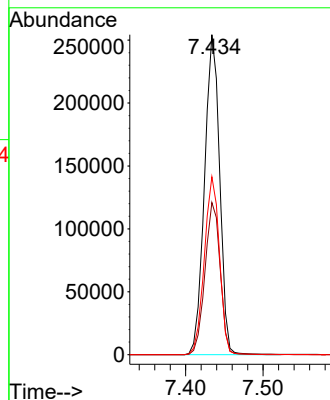
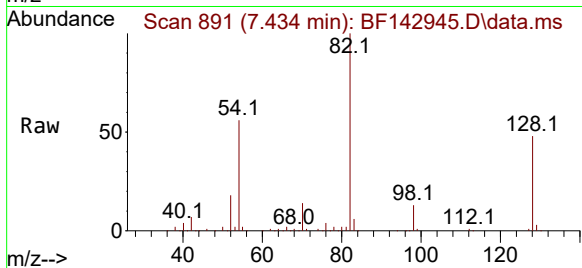
Tgt Ion: 82 Resp: 346047

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 55.6 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: BF142945.D

Acq: 01 Jul 2025 12:48

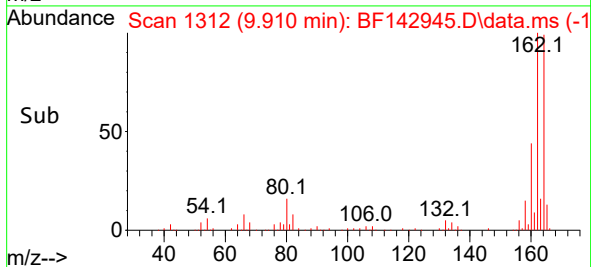
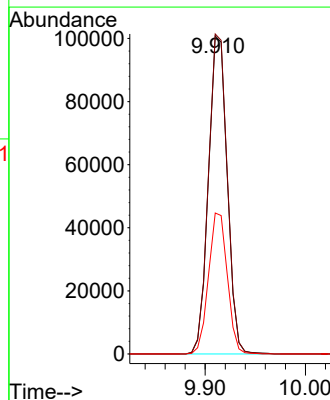
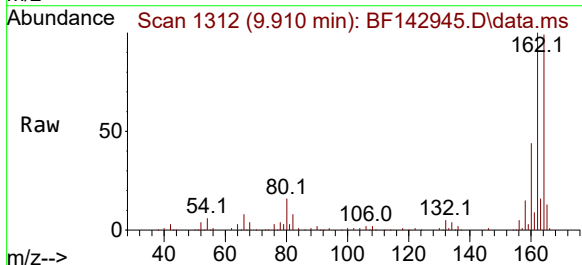
Tgt Ion:164 Resp: 131111

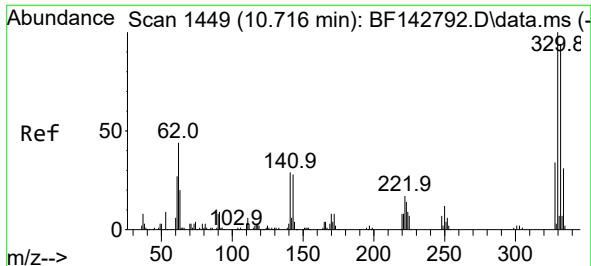
Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

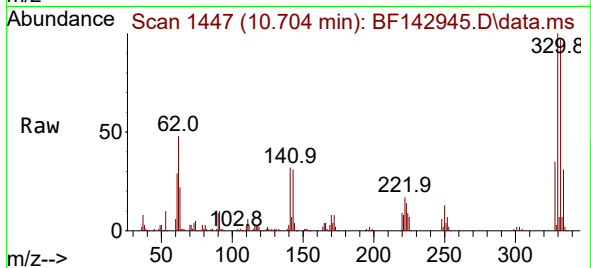
160 44.3 36.0 54.0



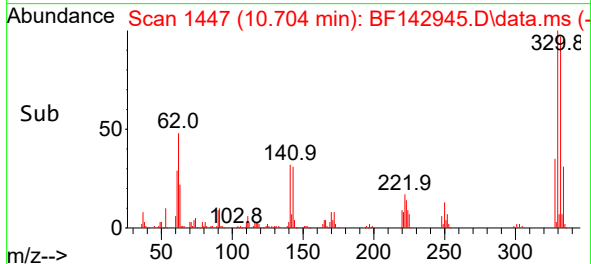
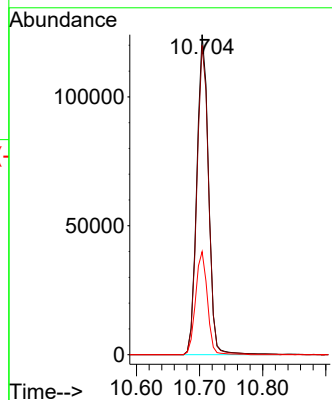


#42
2,4,6-Tribromophenol
Concen: 118.495 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

Instrument :
BNA_F
ClientSampleId :
PB168646BL

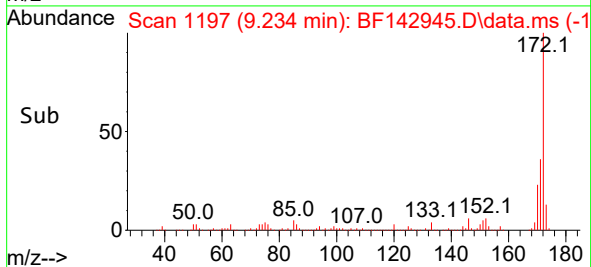
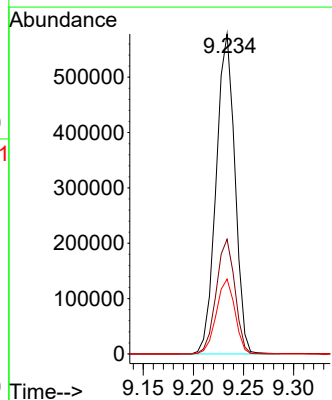
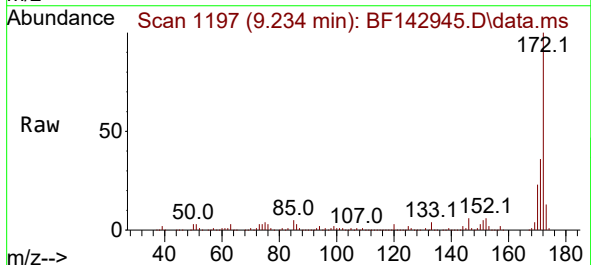


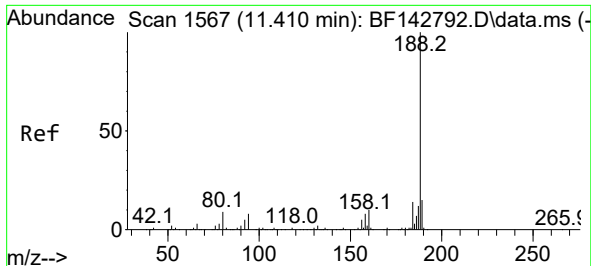
Tgt Ion:330 Resp: 159876
Ion Ratio Lower Upper
330 100
332 96.7 75.0 112.6
141 32.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 75.362 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

Tgt Ion:172 Resp: 752155
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.4 18.5 27.7

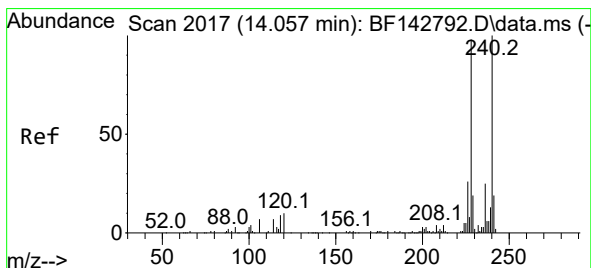
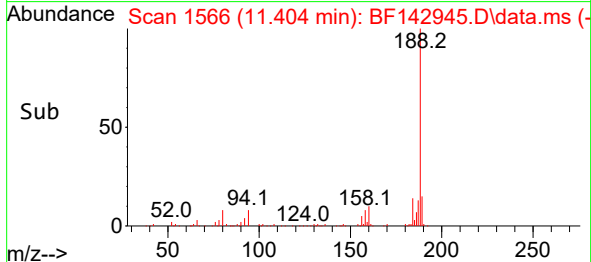
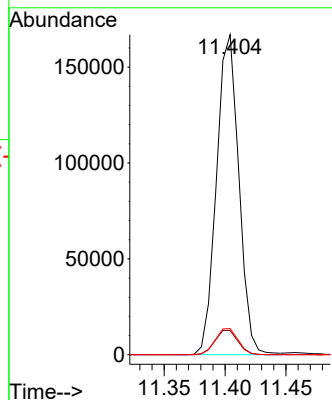
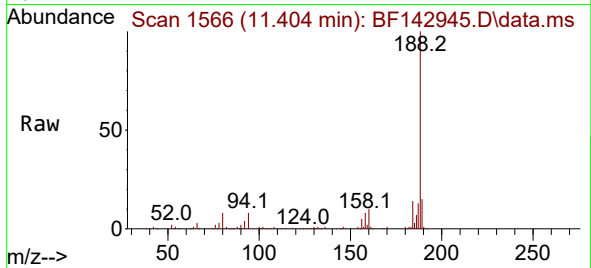




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

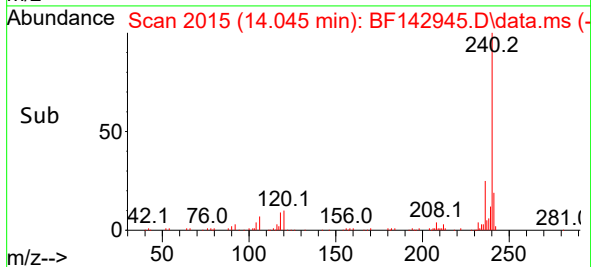
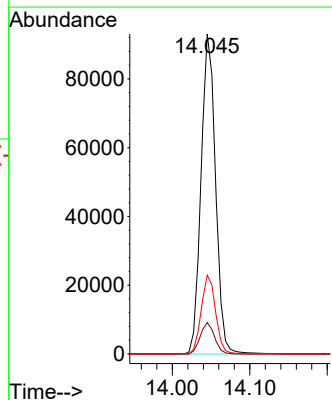
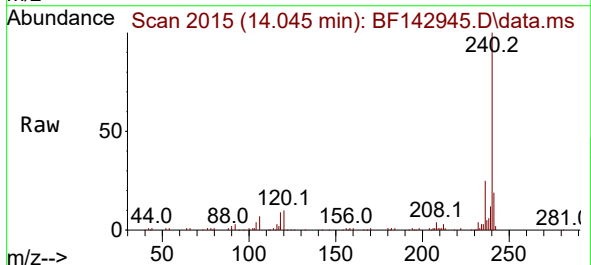
Instrument :
BNA_F
ClientSampleId :
PB168646BL

Tgt Ion:188 Resp: 213543
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.2 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: BF142945.D
Acq: 01 Jul 2025 12:48

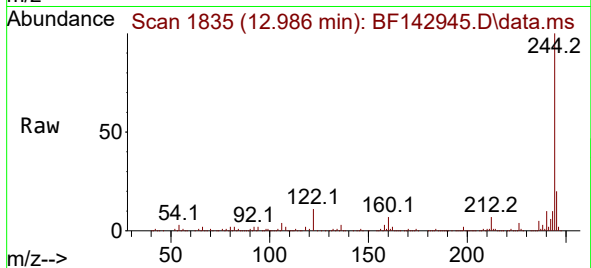
Tgt Ion:240 Resp: 120986
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.6 19.8 29.8



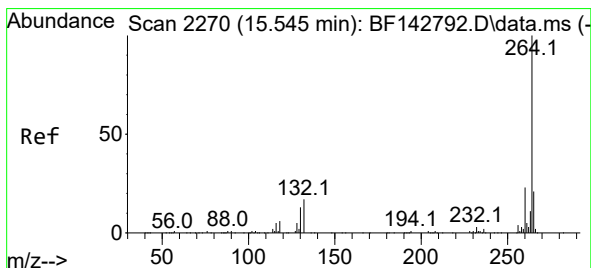
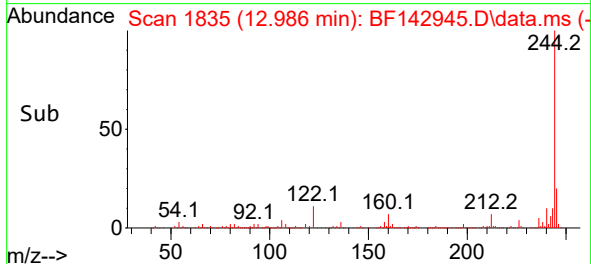
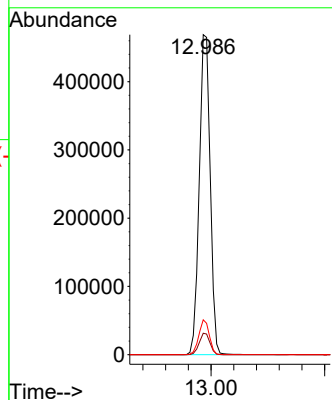


#79
Terphenyl-d14
Concen: 71.794 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF142945.D
Acq: 01 Jul 2025 12:48

Instrument :
BNA_F
ClientSampleId :
PB168646BL



Tgt Ion:244 Resp: 628647
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.9 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: BF142945.D
Acq: 01 Jul 2025 12:48

Tgt Ion:264 Resp: 139764
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.2 16.6 25.0

