

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142804.D
 Acq On : 23 Jun 2025 13:43
 Operator : RC/JU
 Sample : PB168514TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168514TB

Quant Time: Jun 24 06:40:28 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	95478	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	368280	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195148	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345018	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208921	20.000	ng	0.00
86) Perylene-d12	15.539	264	164942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	743758	129.695	ng	0.02
7) Phenol-d6	6.510	99	882809	130.481	ng	0.00
23) Nitrobenzene-d5	7.439	82	549387	81.824	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	271456	135.173	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1160444	78.117	ng	0.00
79) Terphenyl-d14	12.998	244	1213587	80.261	ng	0.00

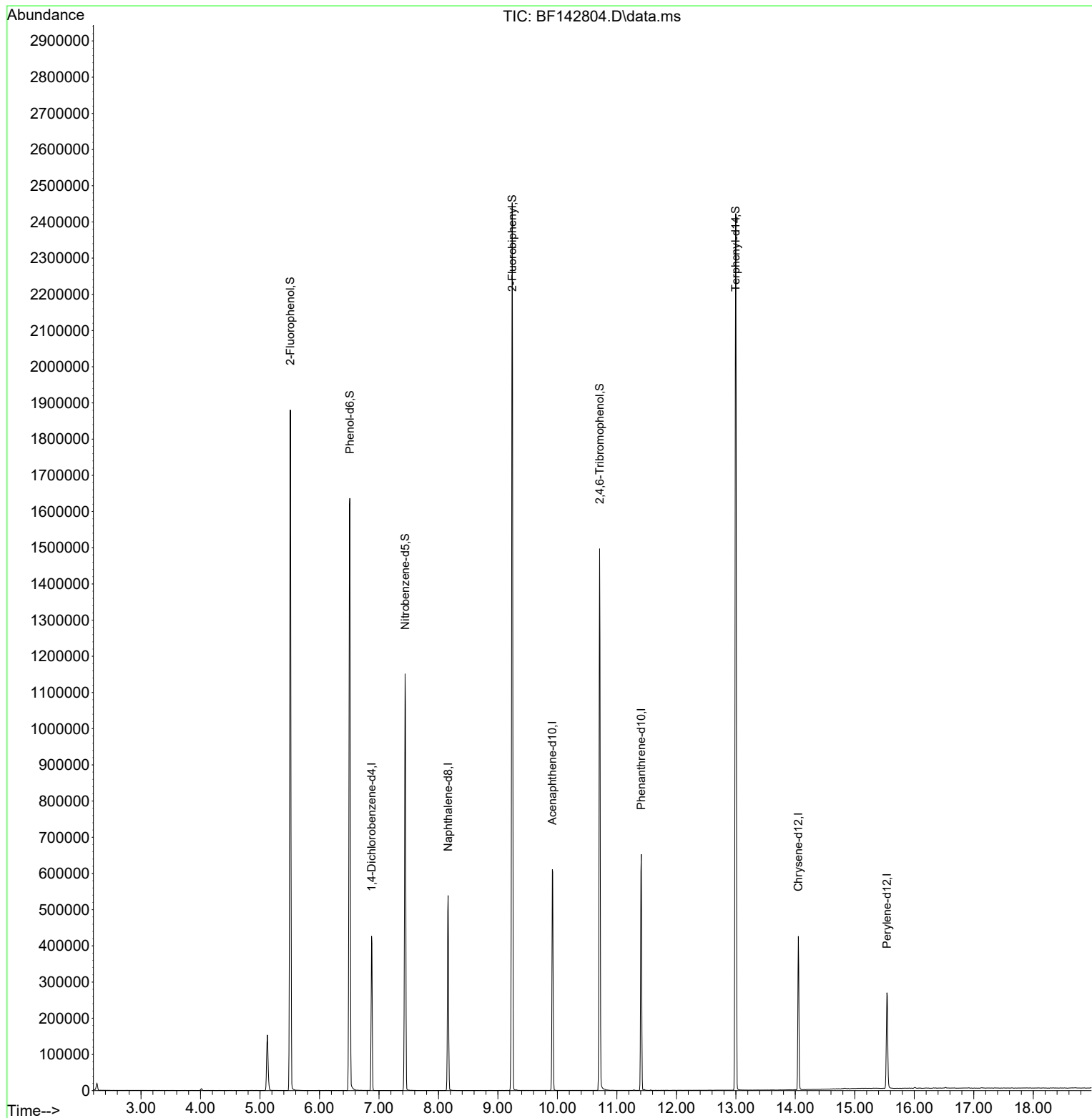
Target Compounds	Qvalue

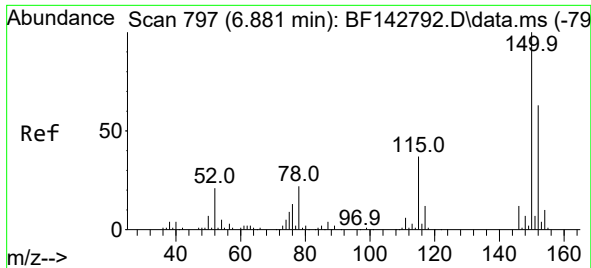
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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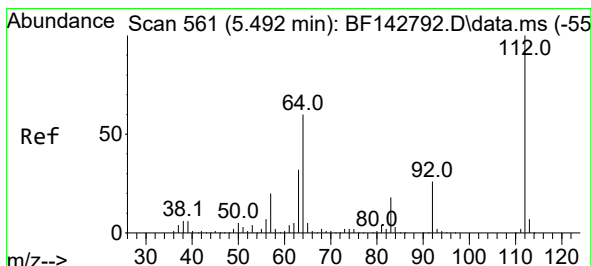
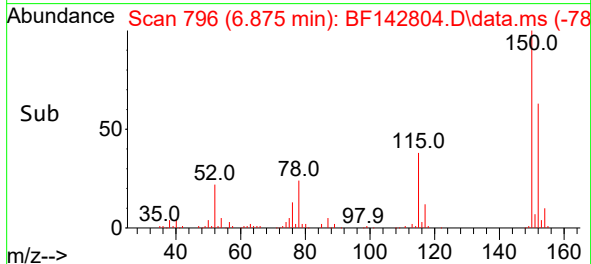
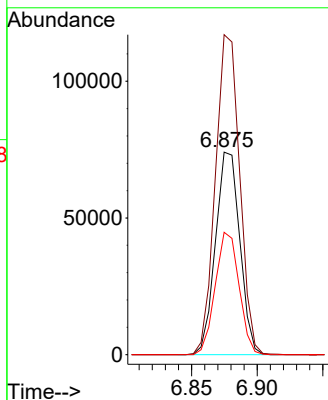
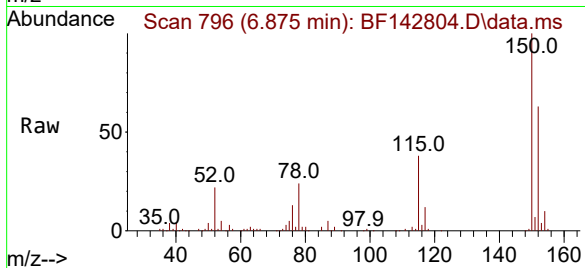




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

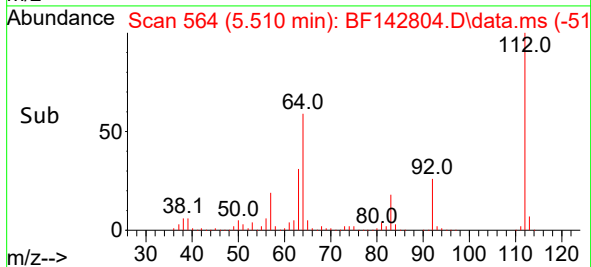
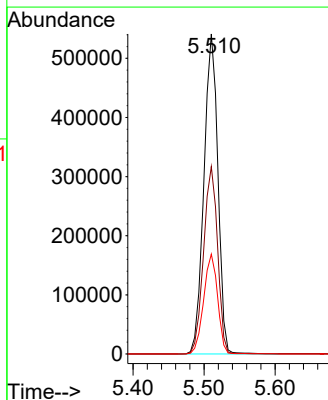
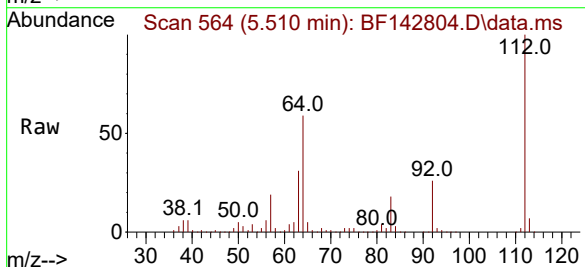
Instrument :
BNA_F
ClientSampleId :
PB168514TB

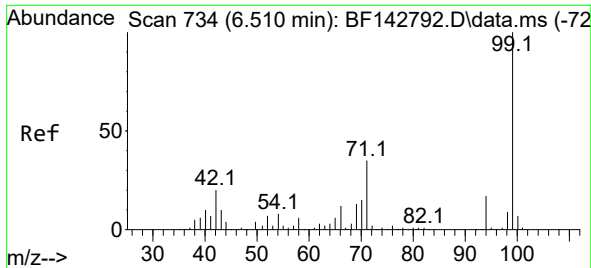
Tgt Ion:152 Resp: 95478
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 60.4 46.6 69.8



#5
2-Fluorophenol
Concen: 129.695 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

Tgt Ion:112 Resp: 743758
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.2 25.7 38.5

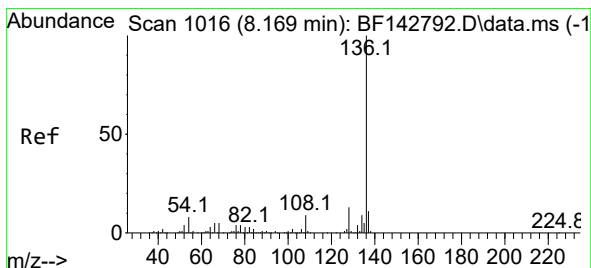
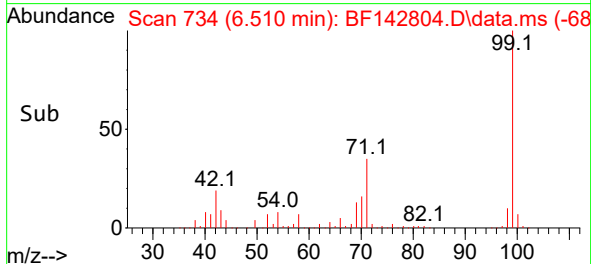
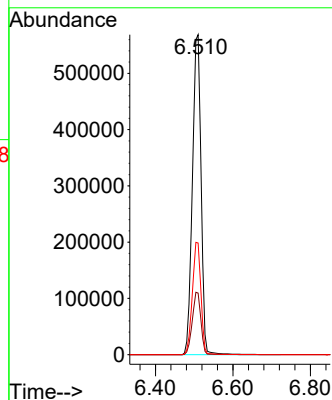
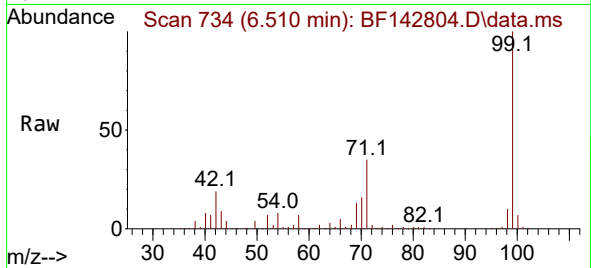




#7
Phenol-d6
Concen: 130.481 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

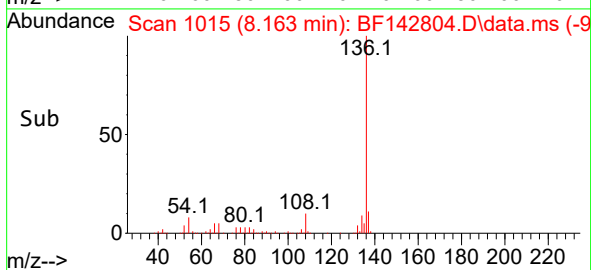
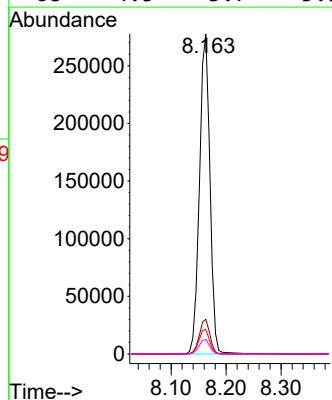
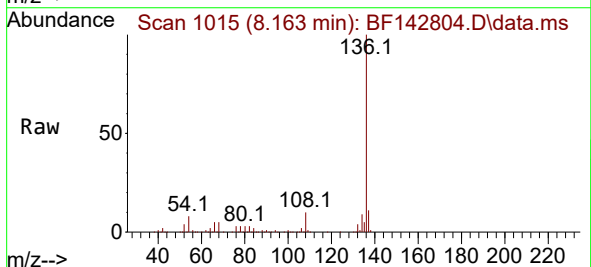
Instrument :
BNA_F
ClientSampleId :
PB168514TB

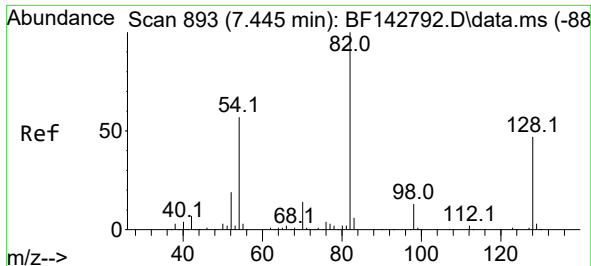
Tgt Ion: 99 Resp: 882809
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

Tgt Ion: 136 Resp: 368280
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.824 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142804.D

Acq: 23 Jun 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB168514TB

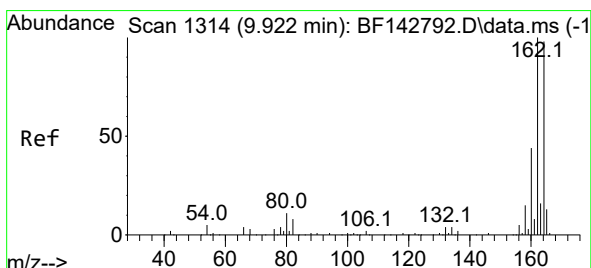
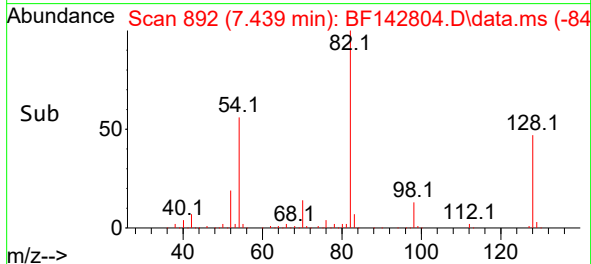
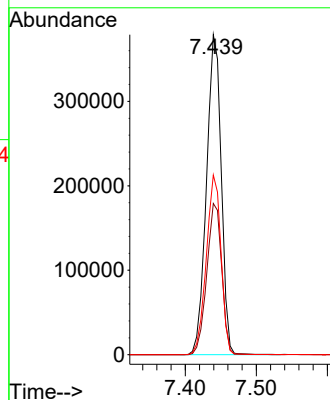
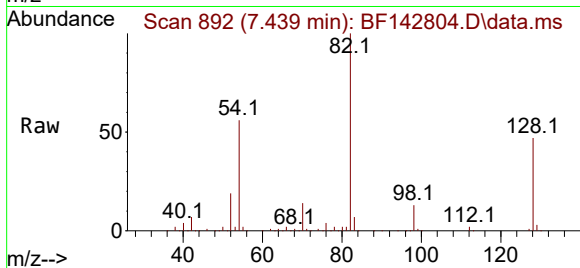
Tgt Ion: 82 Resp: 549387

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 56.2 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: BF142804.D

Acq: 23 Jun 2025 13:43

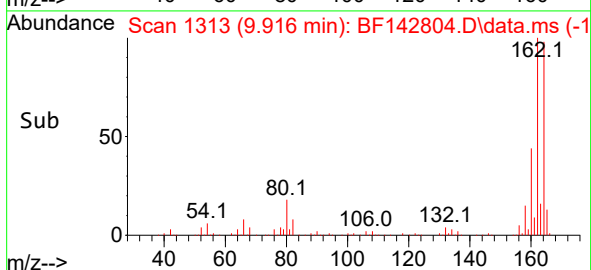
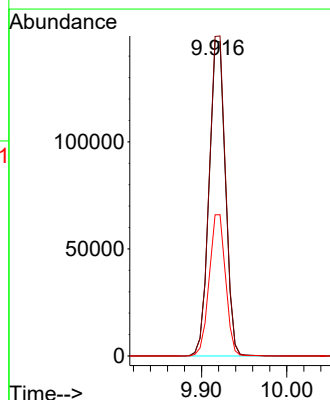
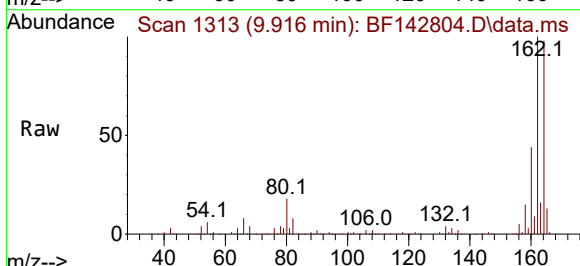
Tgt Ion:164 Resp: 195148

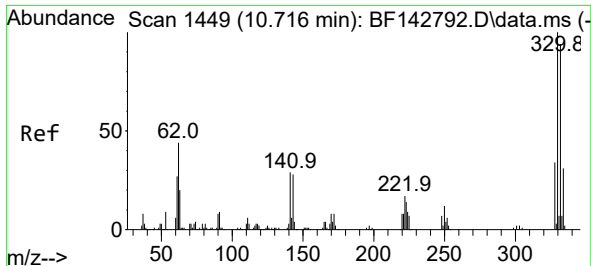
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

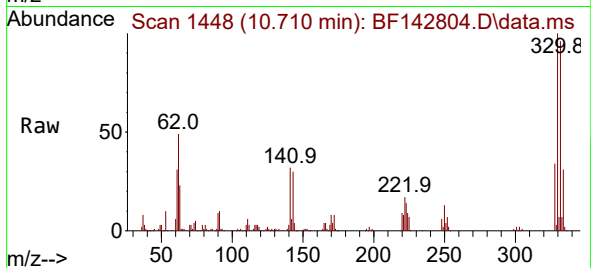
160 44.8 36.0 54.0



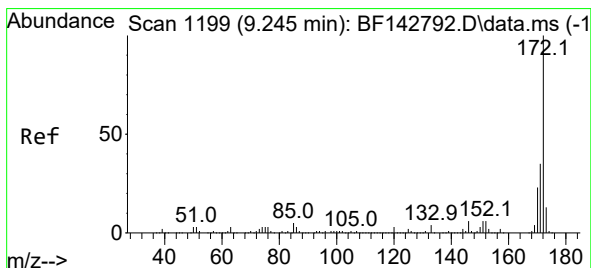
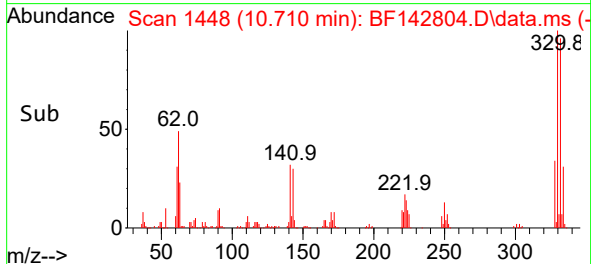
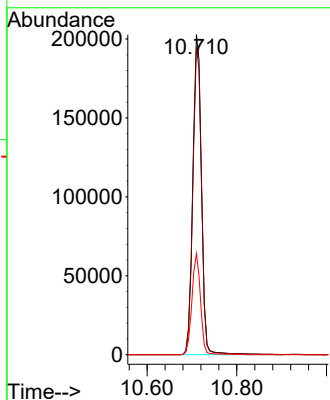


#42
2,4,6-Tribromophenol
Concen: 135.173 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

Instrument :
BNA_F
ClientSampleId :
PB168514TB

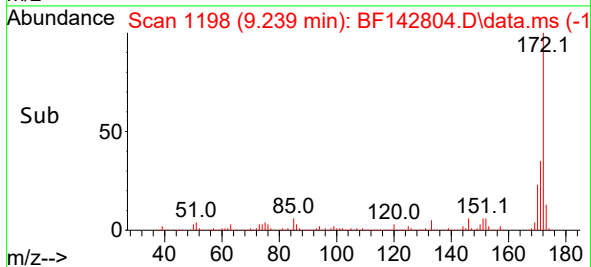
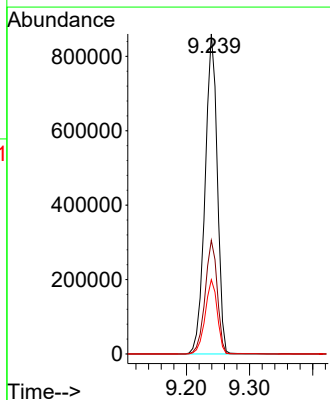
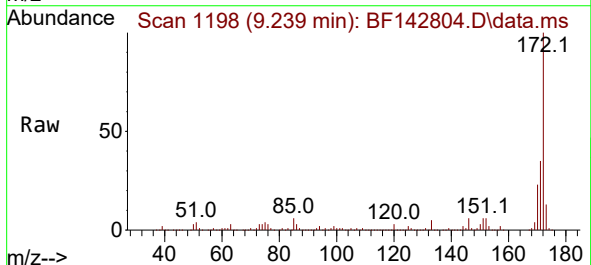


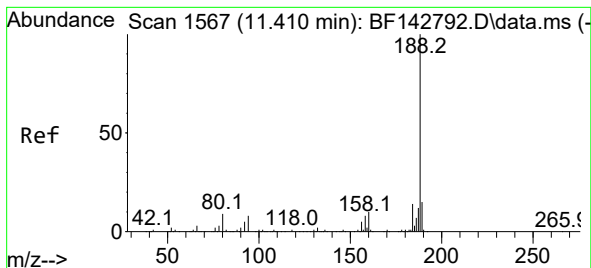
Tgt Ion: 330 Resp: 271456
Ion Ratio Lower Upper
330 100
332 96.4 75.0 112.6
141 31.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 78.117 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

Tgt Ion: 172 Resp: 1160444
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.2 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142804.D

Acq: 23 Jun 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB168514TB

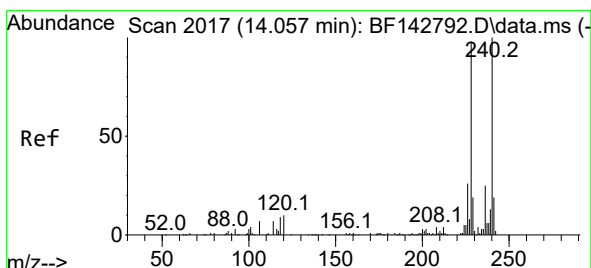
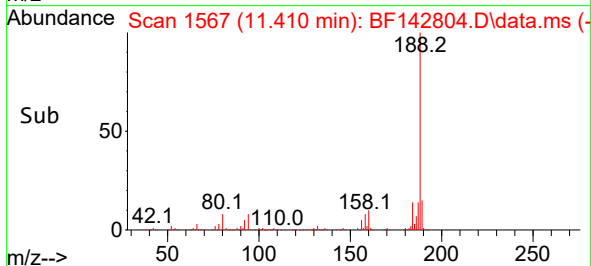
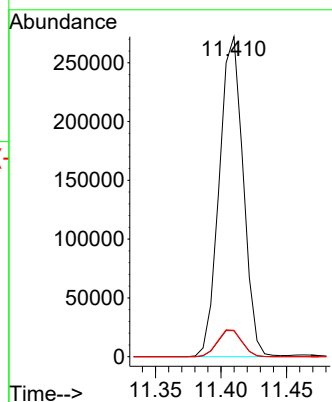
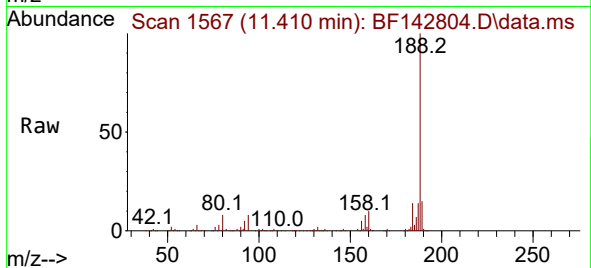
Tgt Ion:188 Resp: 345018

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.3 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142804.D

Acq: 23 Jun 2025 13:43

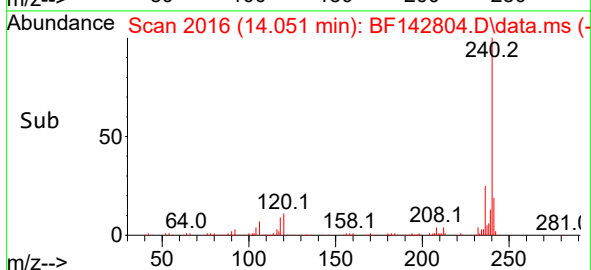
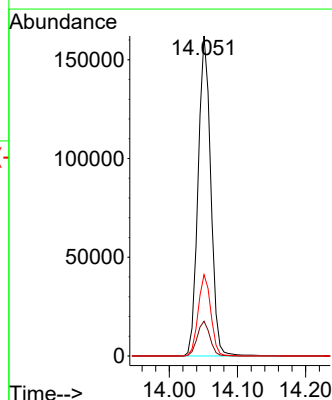
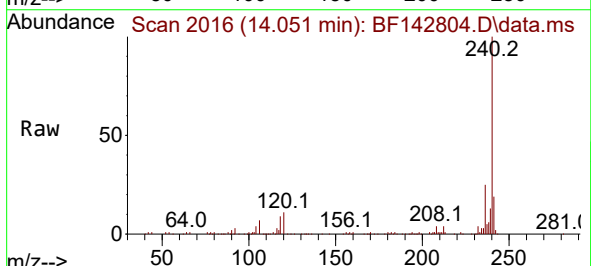
Tgt Ion:240 Resp: 208921

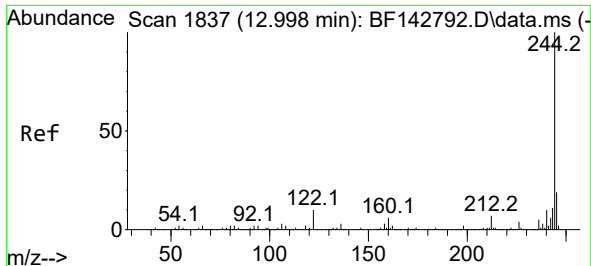
Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.4 19.8 29.8

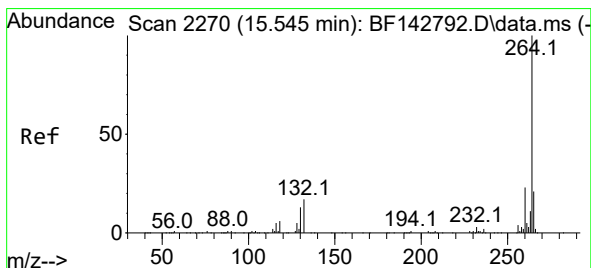
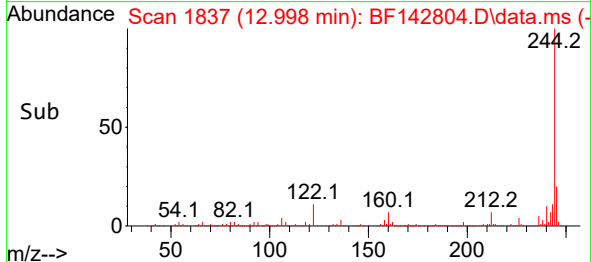
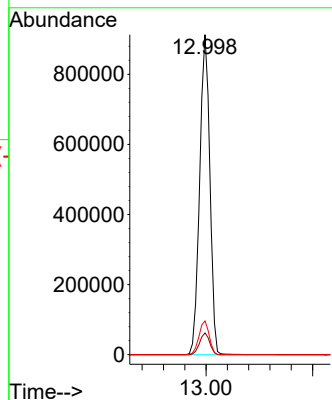
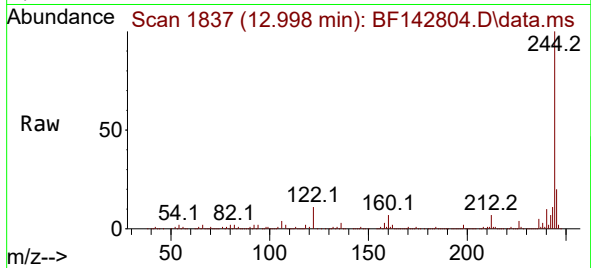




#79
Terphenyl-d14
Concen: 80.261 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142804.D
Acq: 23 Jun 2025 13:43

Instrument :
BNA_F
ClientSampleId :
PB168514TB

Tgt Ion:244 Resp: 1213587
Ion Ratio Lower Upper
244 100
212 6.8 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: BF142804.D
Acq: 23 Jun 2025 13:43

Tgt Ion:264 Resp: 164942
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.4 16.6 25.0

