

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143690.D
 Acq On : 09 Sep 2025 17:58
 Operator : RC/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Quant Time: Sep 09 18:50:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	45248	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	175656	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	103818	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	177943	20.000	ng	0.00
76) Chrysene-d12	14.045	240	109006	20.000	ng	0.00
86) Perylene-d12	15.515	264	101319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	392424	147.969	ng	0.02
7) Phenol-d6	6.504	99	472670	146.376	ng	0.00
23) Nitrobenzene-d5	7.445	82	294793	104.388	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160633	153.532	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	672233	97.814	ng	0.00
79) Terphenyl-d14	12.998	244	757777	112.654	ng	0.00

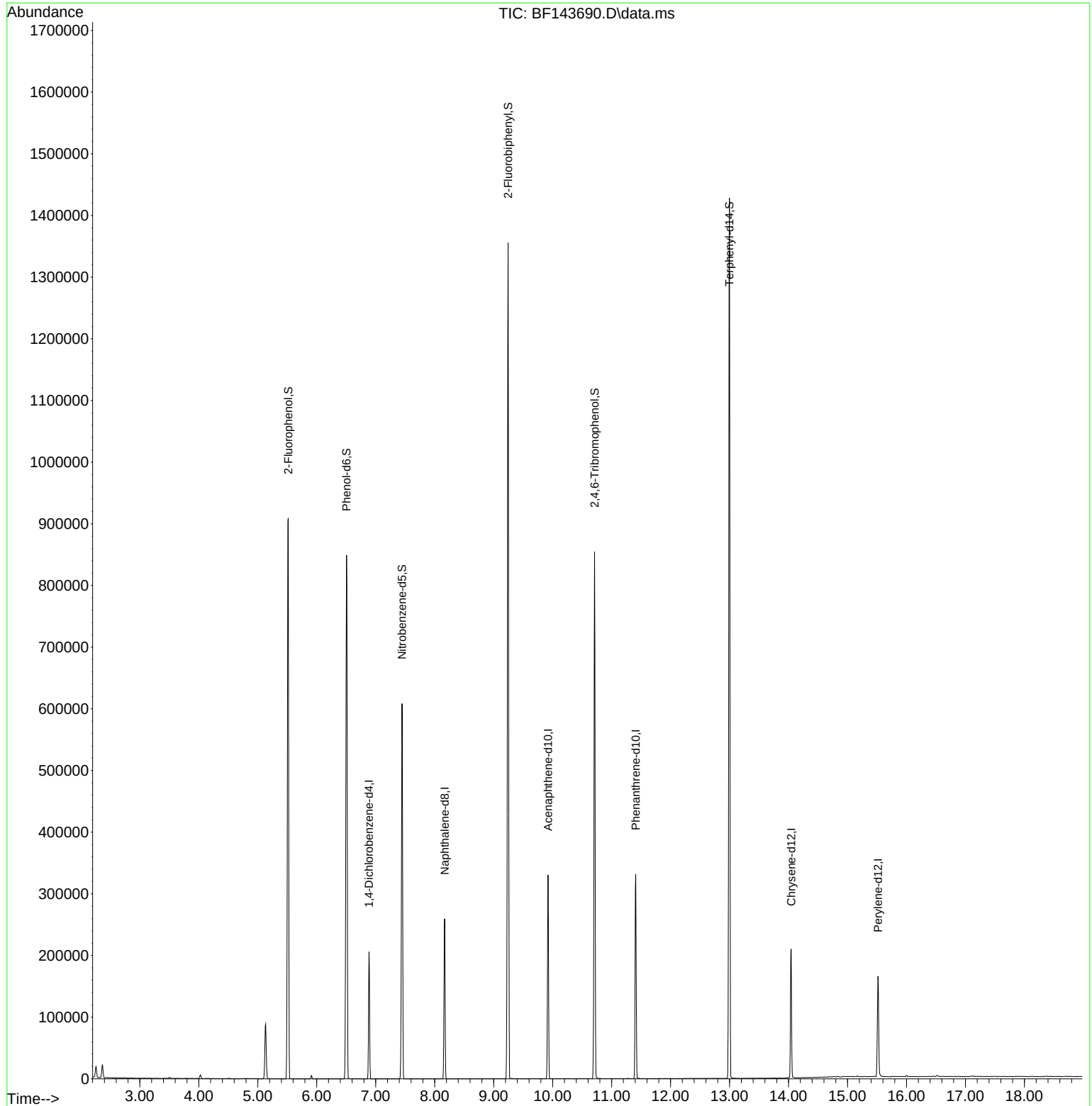
Target Compounds	Qvalue

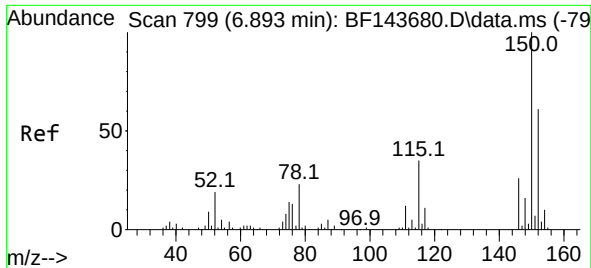
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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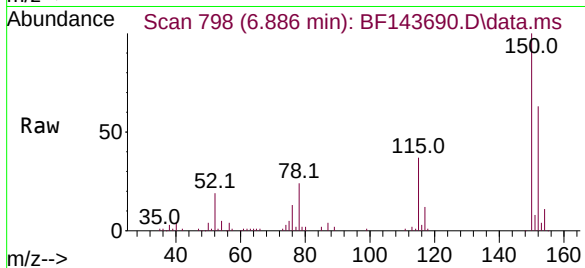
Quant Time: Sep 09 18:50:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
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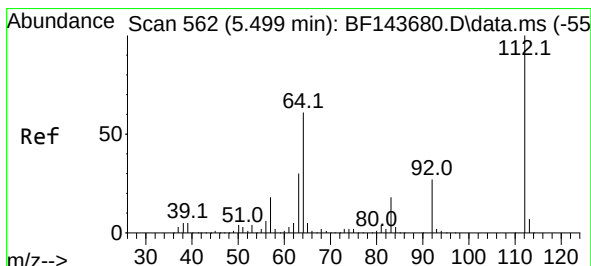
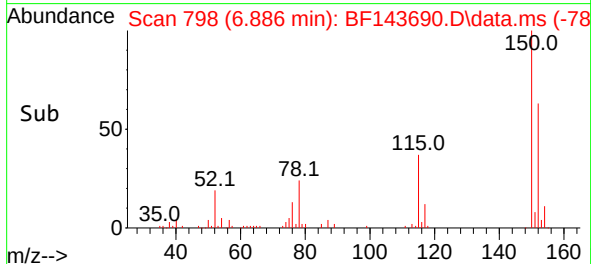
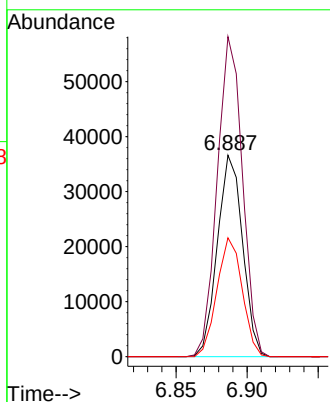


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

Instrument :
BNA_F
ClientSampleId :
PB169499BL

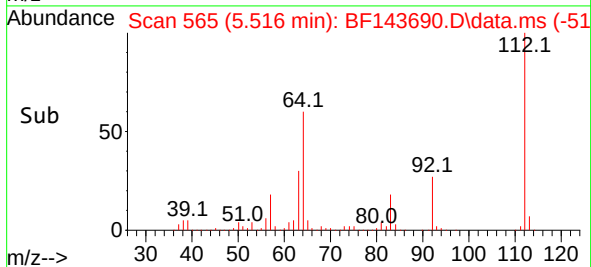
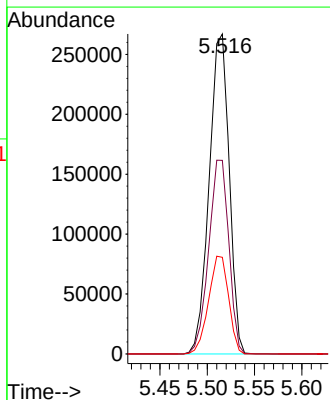
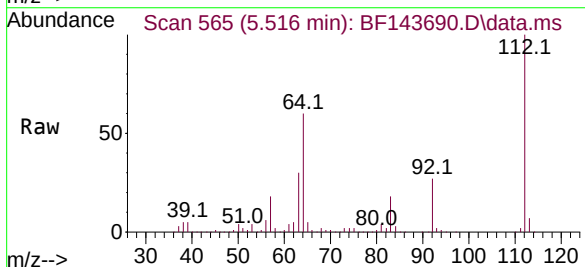


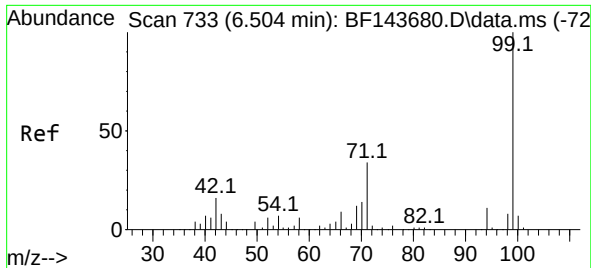
Tgt Ion:152 Resp: 45248
Ion Ratio Lower Upper
152 100
150 158.9 130.7 196.1
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 147.969 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

Tgt Ion:112 Resp: 392424
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.4
63 30.2 24.3 36.5

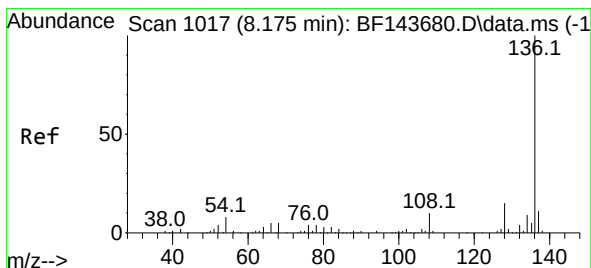
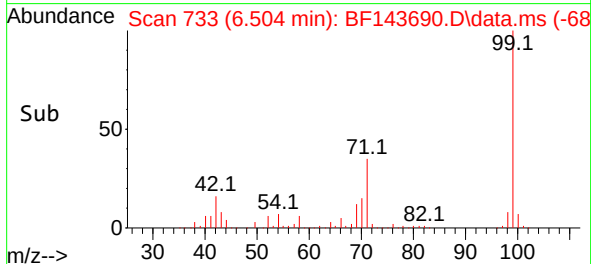
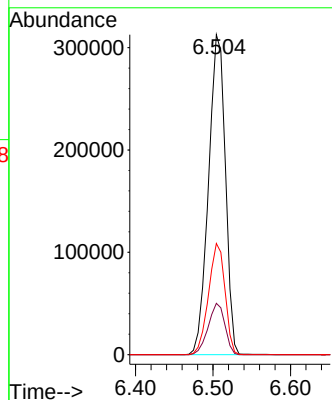
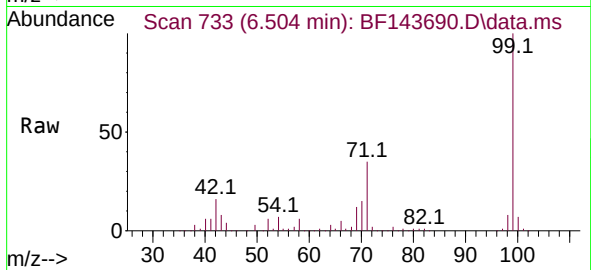




#7
Phenol-d6
Concen: 146.376 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

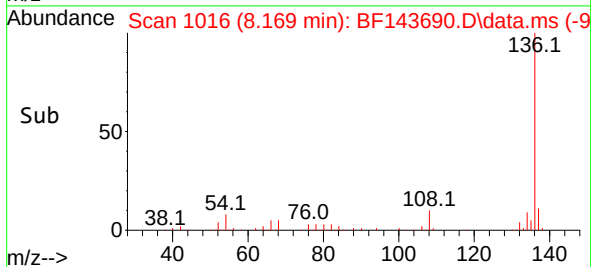
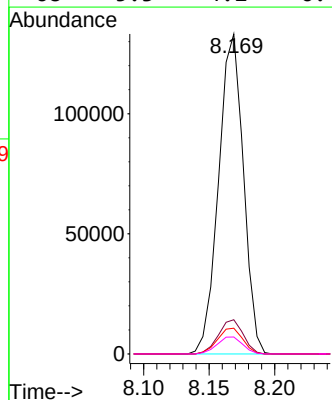
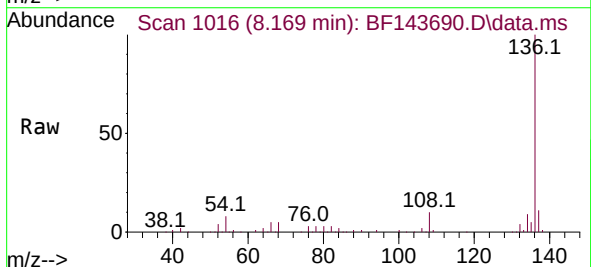
Instrument :
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ClientSampleId :
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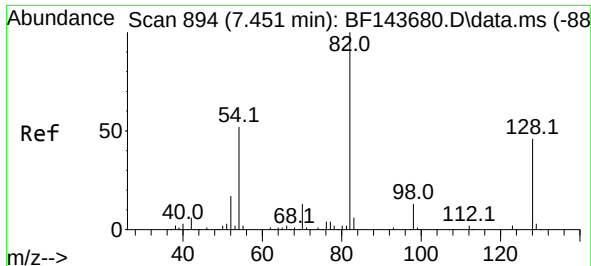
Tgt Ion: 99 Resp: 472670
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

Tgt Ion:136 Resp: 175656
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.0 6.2 9.2
68 5.3 4.2 6.4

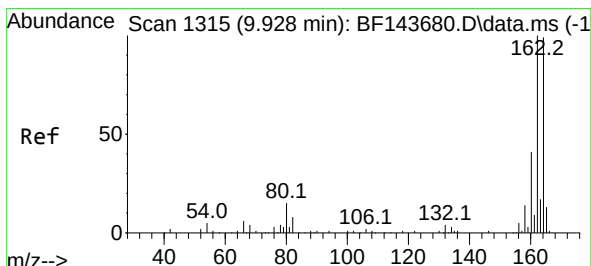
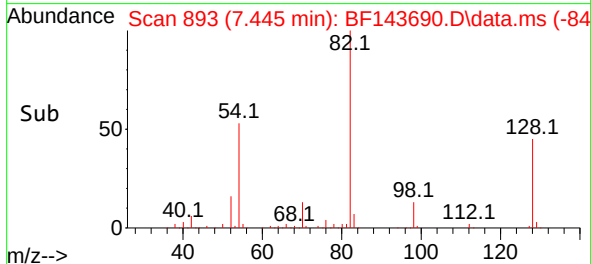
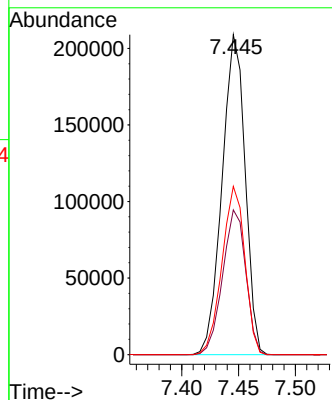
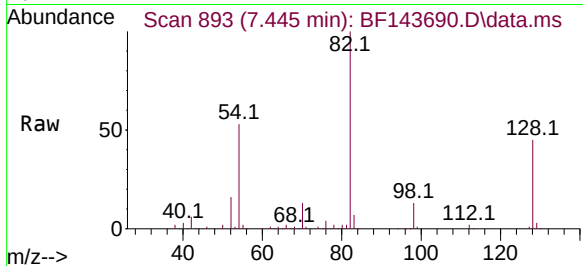




#23
Nitrobenzene-d5
Concen: 104.388 ng
RT: 7.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

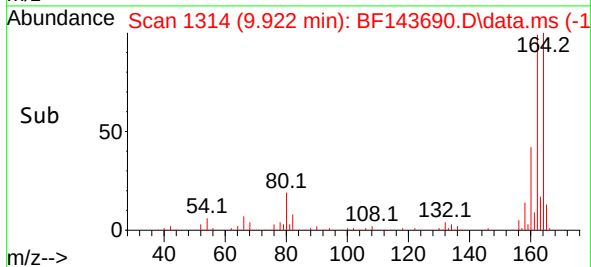
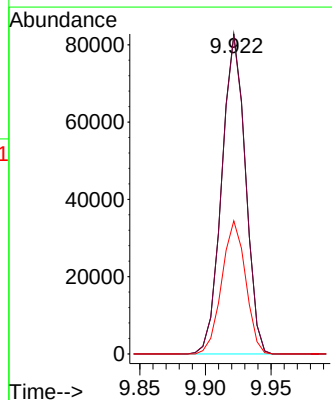
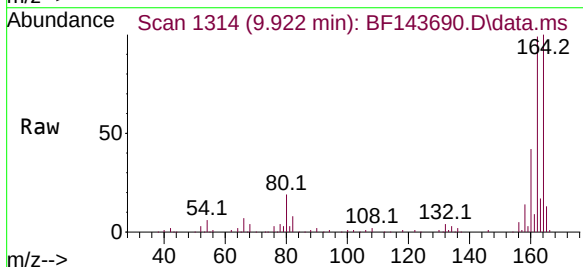
Instrument :
BNA_F
ClientSampleId :
PB169499BL

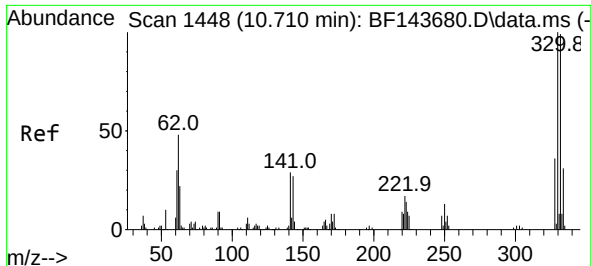
Tgt Ion: 82 Resp: 294793
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 52.6 41.8 62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

Tgt Ion:164 Resp: 103818
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 41.6 33.0 49.4

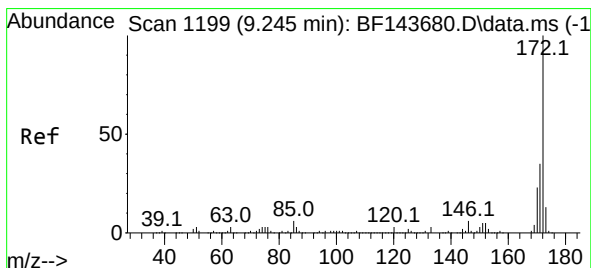
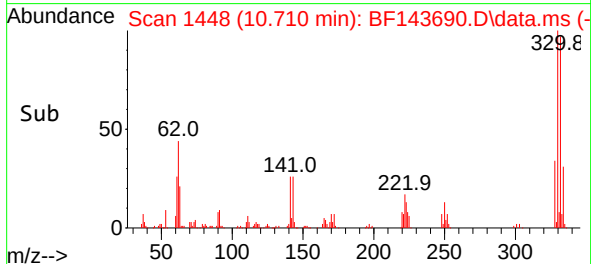
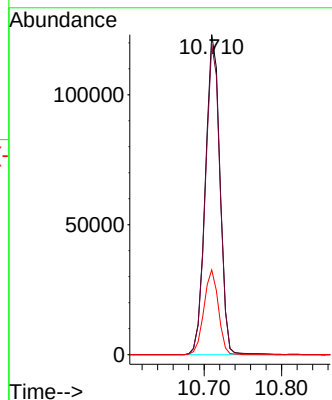
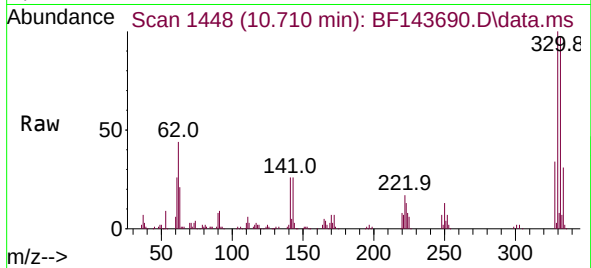




#42
2,4,6-Tribromophenol
Concen: 153.532 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

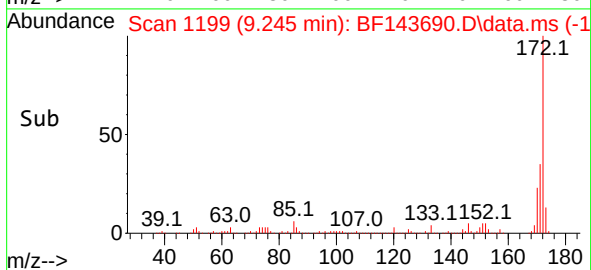
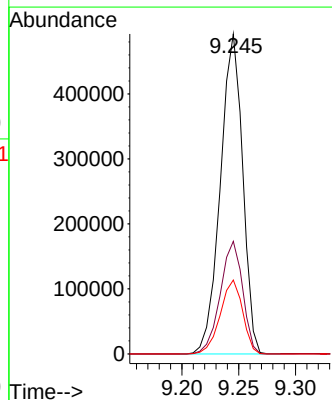
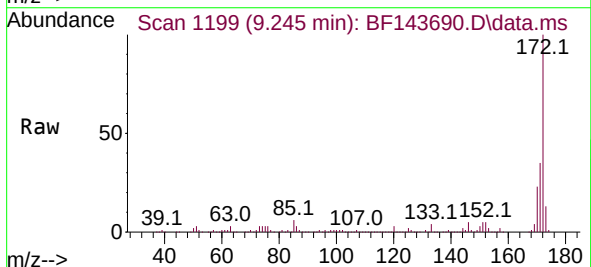
Instrument :
BNA_F
ClientSampleId :
PB169499BL

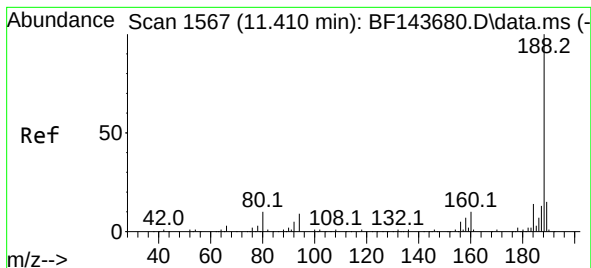
Tgt Ion:330 Resp: 160633
Ion Ratio Lower Upper
330 100
332 97.3 79.2 118.8
141 26.2 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 97.814 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143690.D
Acq: 09 Sep 2025 17:58

Tgt Ion:172 Resp: 672233
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143690.D

Acq: 09 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PB169499BL

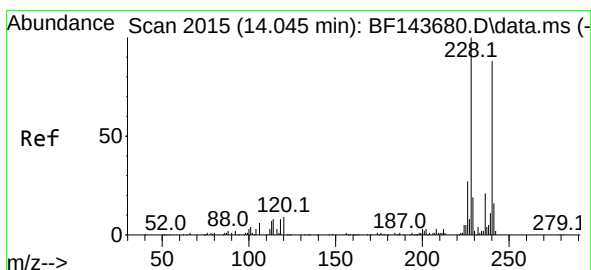
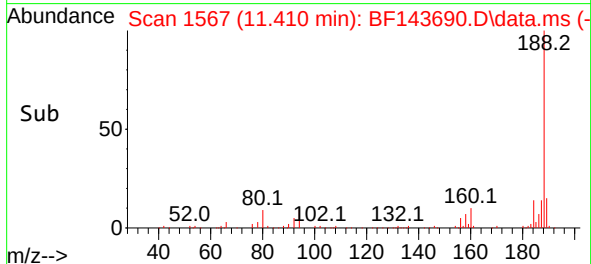
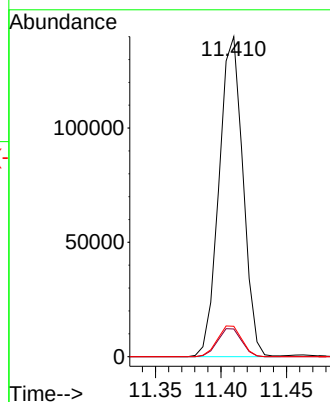
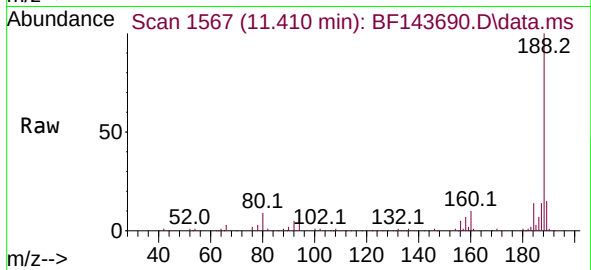
Tgt Ion:188 Resp: 177943

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

80 9.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143690.D

Acq: 09 Sep 2025 17:58

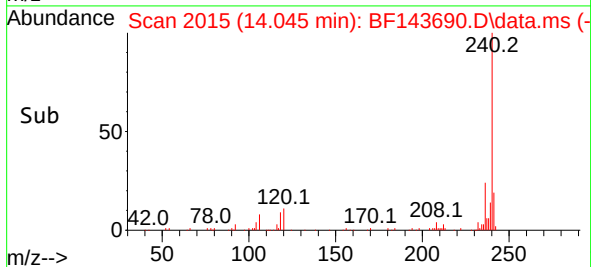
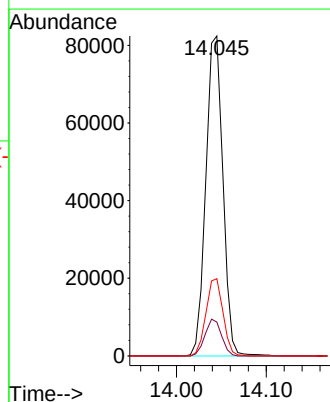
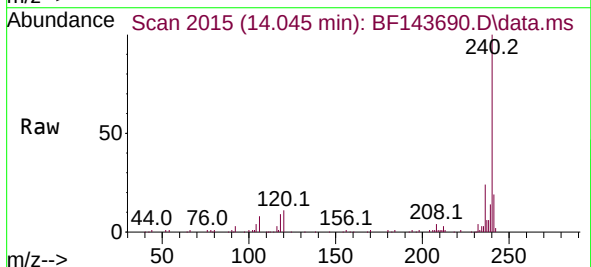
Tgt Ion:240 Resp: 109006

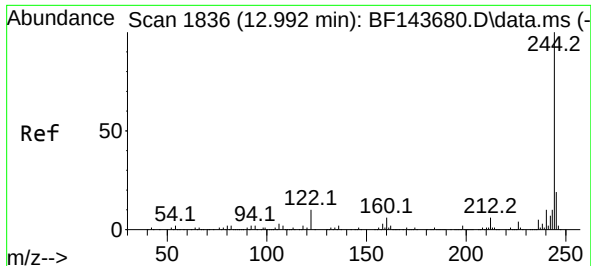
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 24.1 18.6 28.0

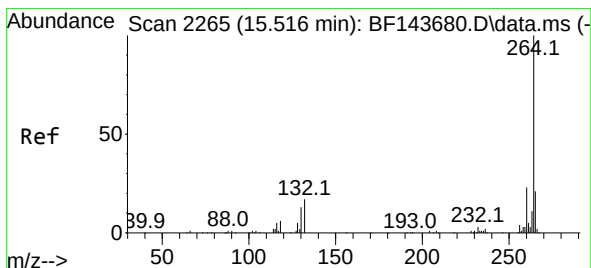
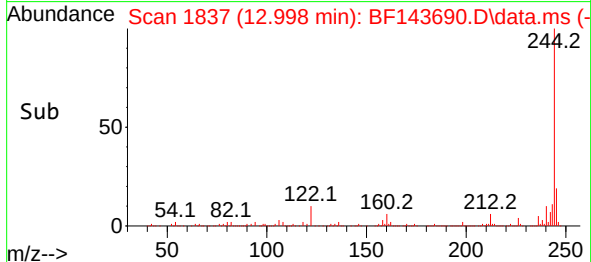
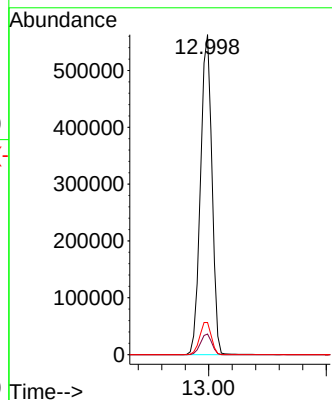
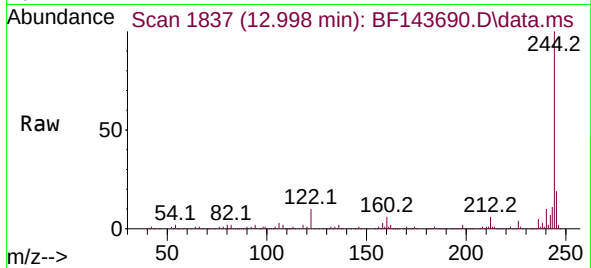




#79
 Terphenyl-d14
 Concen: 112.654 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143690.D
 Acq: 09 Sep 2025 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Tgt Ion:244 Resp: 757777
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF143690.D
 Acq: 09 Sep 2025 17:58

Tgt Ion:264 Resp: 101319
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 20.7 17.1 25.7

