

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143725.D
 Acq On : 12 Sep 2025 11:12
 Operator : RC/JU
 Sample : PB169661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169661BL

Quant Time: Sep 12 11:33:33 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	6.892	152	37749	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	143431	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	79960	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	125741	20.000	ng	0.00
76) Chrysene-d12	14.057	240	78519	20.000	ng	0.01
86) Perylene-d12	15.539	264	85245	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	298359	134.849	ng	0.02
7) Phenol-d6	6.516	99	360407	133.782	ng	0.01
23) Nitrobenzene-d5	7.451	82	219743	95.294	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	109467	135.846	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	490548	92.675	ng	0.00
79) Terphenyl-d14	13.010	244	446701	92.193	ng	0.02

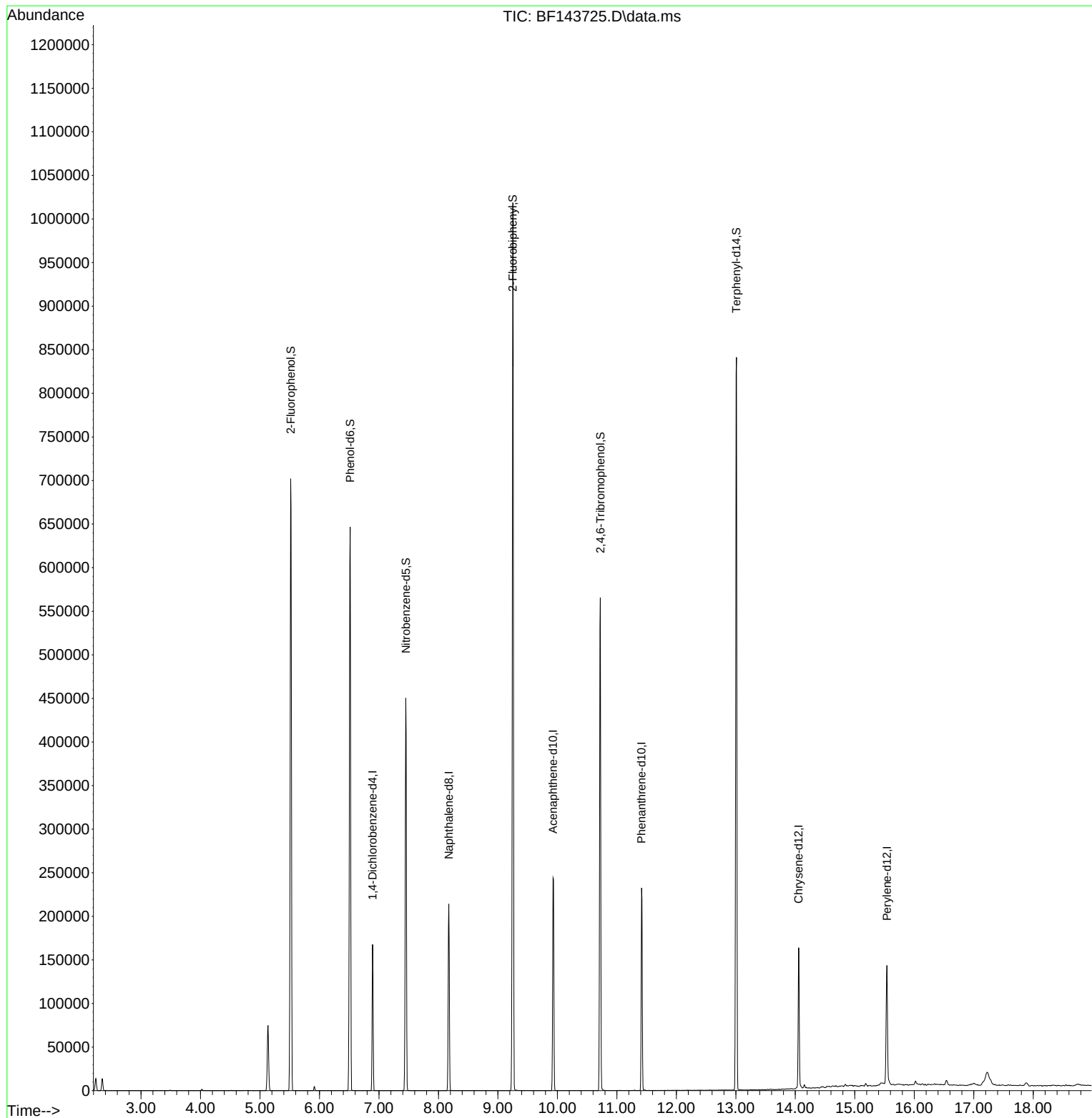
Target Compounds	Qvalue

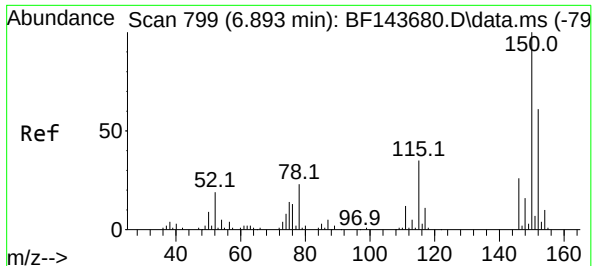
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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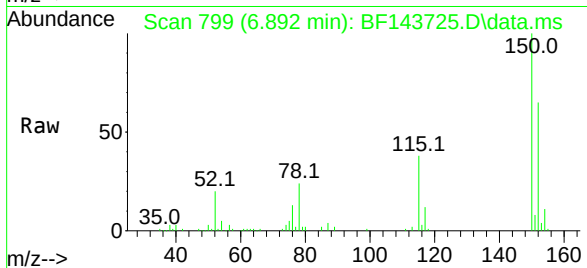
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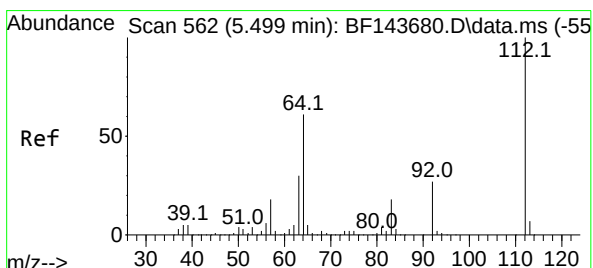
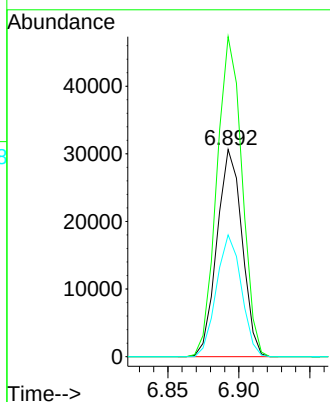
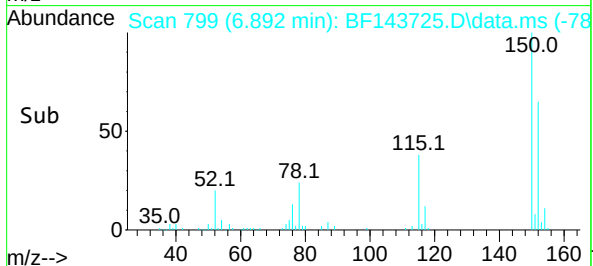


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143725.D
 Acq: 12 Sep 2025 11:12

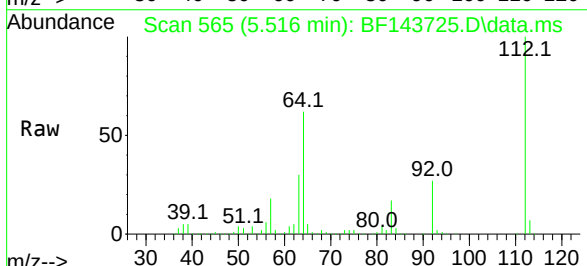
Instrument :
 BNA_F
 ClientSampleId :
 PB169661BL



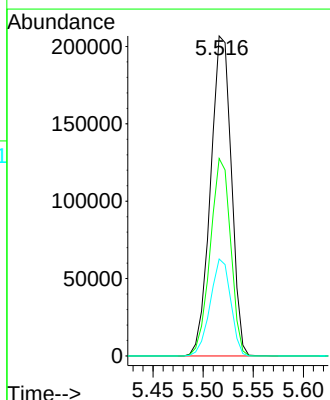
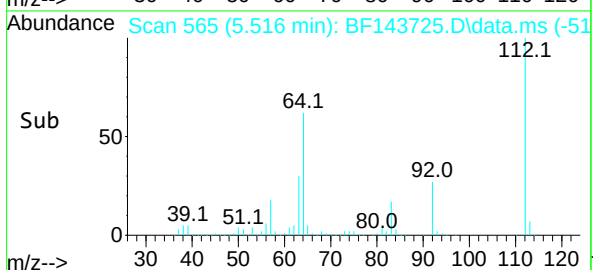
Tgt Ion:152 Resp: 37749
 Ion Ratio Lower Upper
 152 100
 150 154.5 130.7 196.1
 115 58.8 45.9 68.9

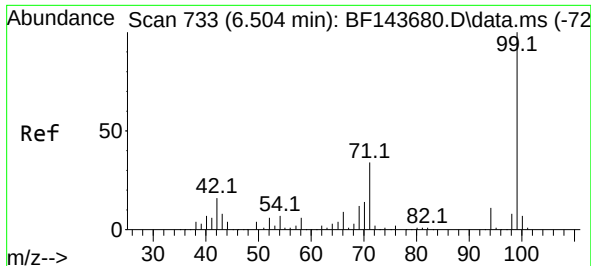


#5
 2-Fluorophenol
 Concen: 134.849 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.017 min
 Lab File: BF143725.D
 Acq: 12 Sep 2025 11:12



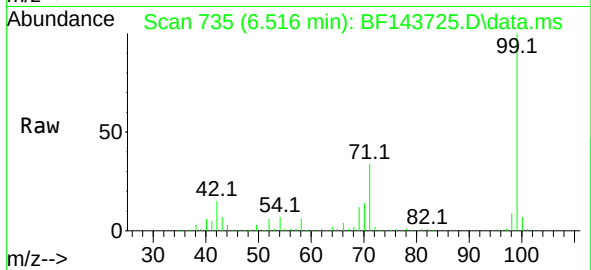
Tgt Ion:112 Resp: 298359
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.0 73.4
 63 30.3 24.3 36.5



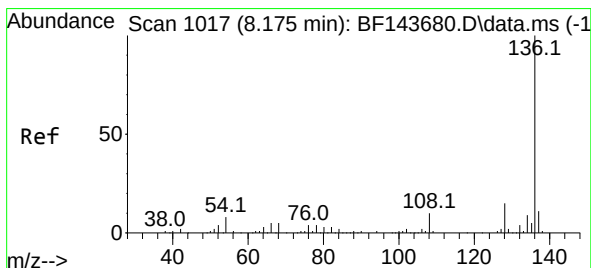
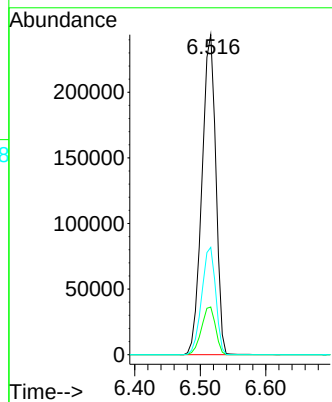
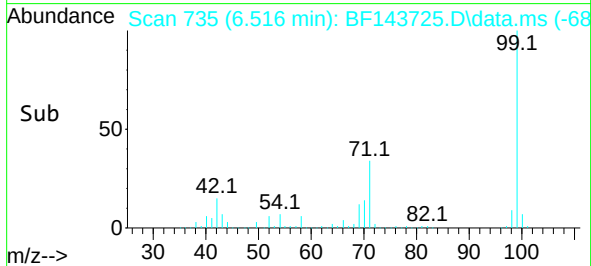


#7
Phenol-d6
Concen: 133.782 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

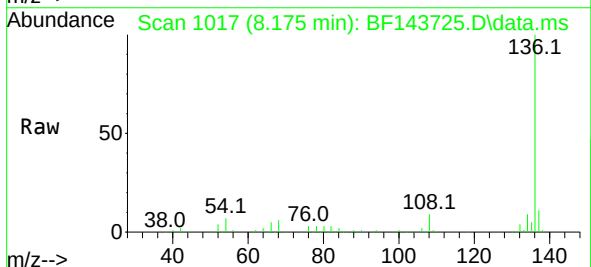
Instrument :
BNA_F
ClientSampleId :
PB169661BL



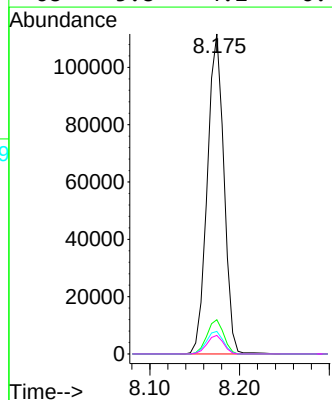
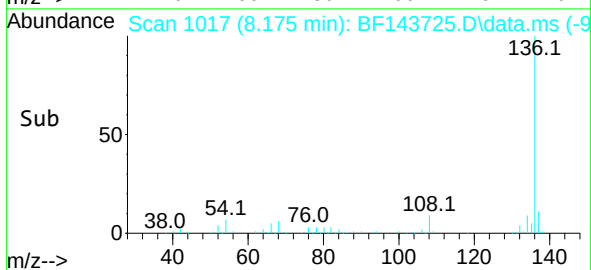
Tgt Ion: 99 Resp: 360407
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 33.5 27.4 41.2

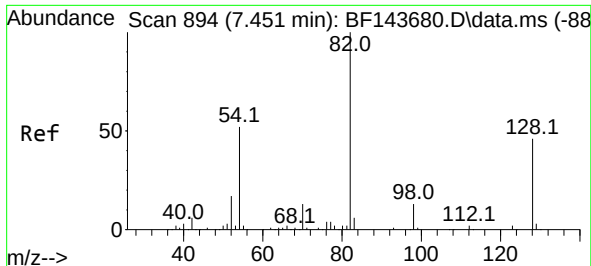


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12



Tgt Ion: 136 Resp: 143431
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.0 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 95.294 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Instrument :

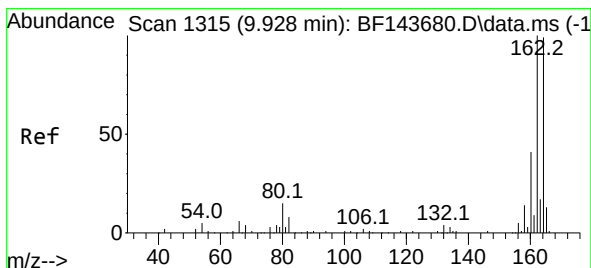
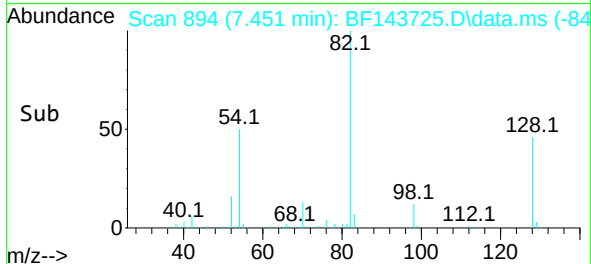
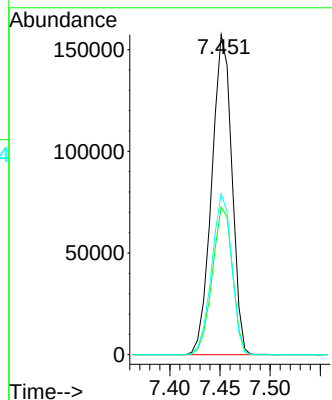
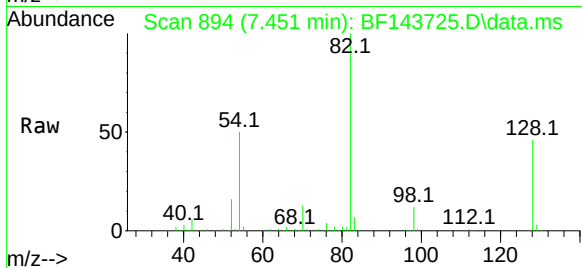
BNA_F

ClientSampleId :

PB169661BL

Tgt Ion: 82 Resp: 219743

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	50.3	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

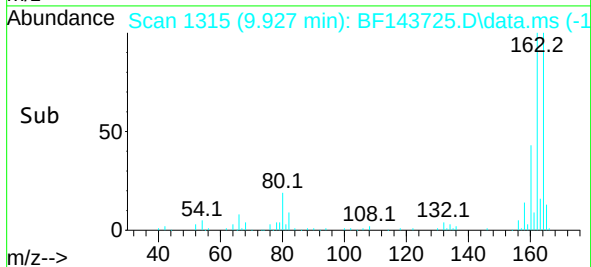
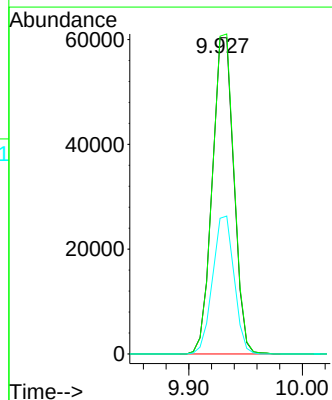
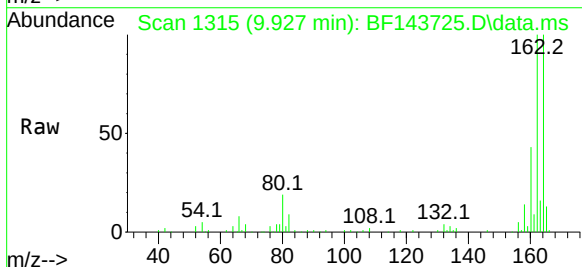
Delta R.T. -0.000 min

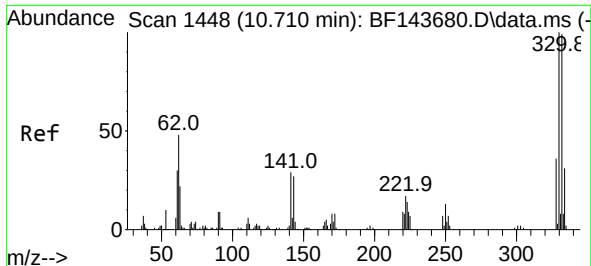
Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Tgt Ion: 164 Resp: 79960

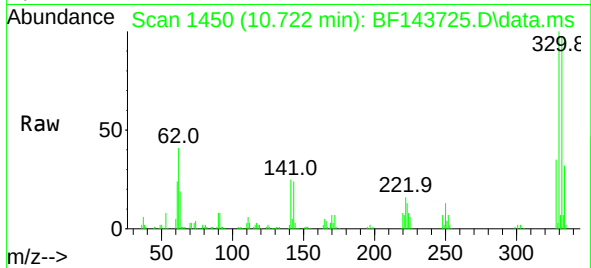
Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	42.9	33.0	49.4



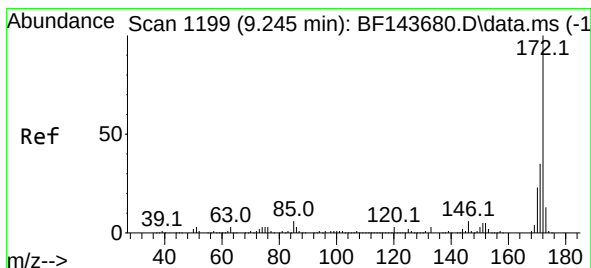
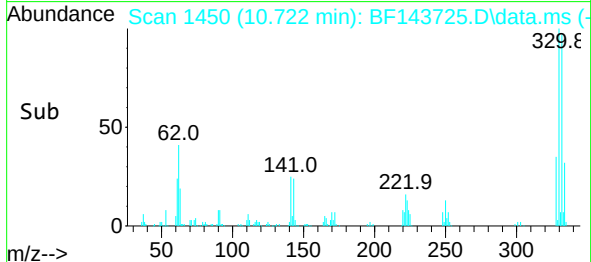
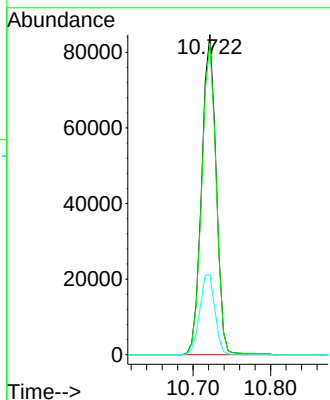


#42
2,4,6-Tribromophenol
Concen: 135.846 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL

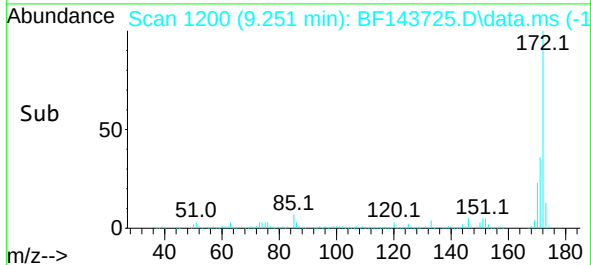
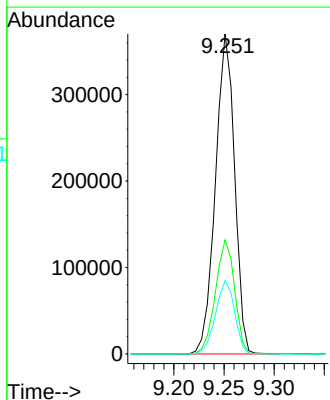
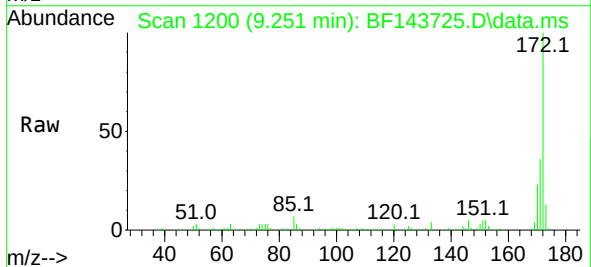


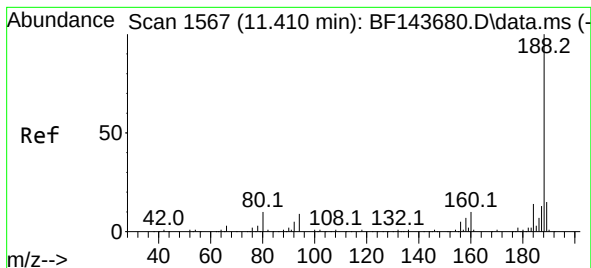
Tgt Ion:330 Resp: 109467
Ion Ratio Lower Upper
330 100
332 97.0 79.2 118.8
141 26.2 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 92.675 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:172 Resp: 490548
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Instrument :

BNA_F

ClientSampleId :

PB169661BL

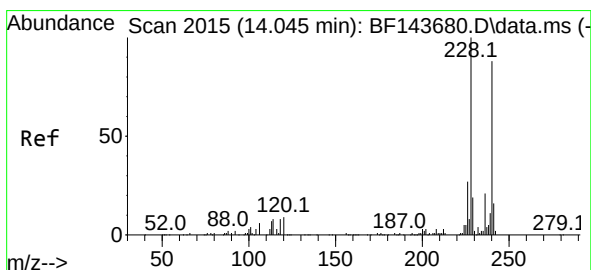
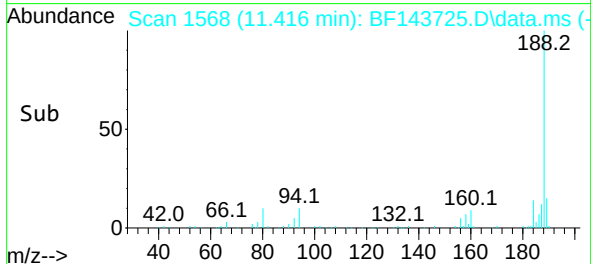
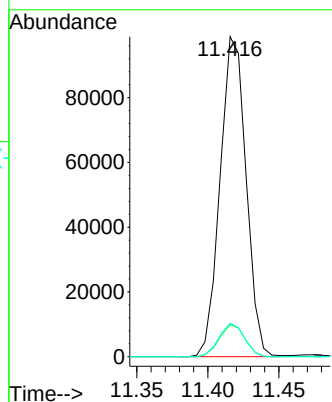
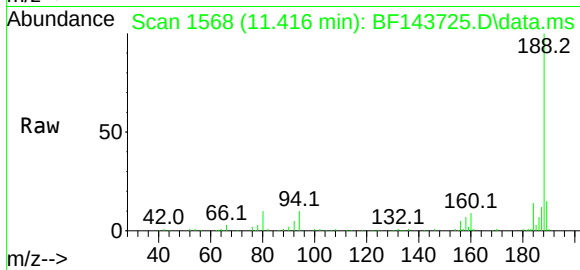
Tgt Ion:188 Resp: 125741

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

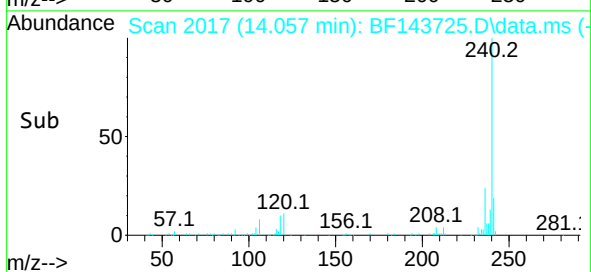
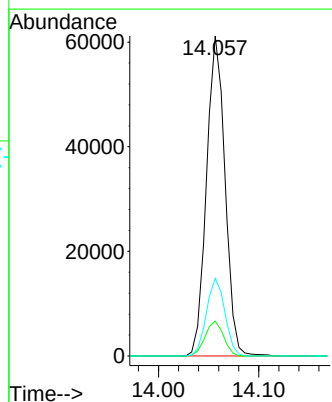
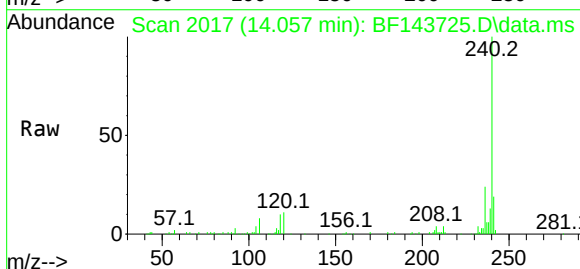
Tgt Ion:240 Resp: 78519

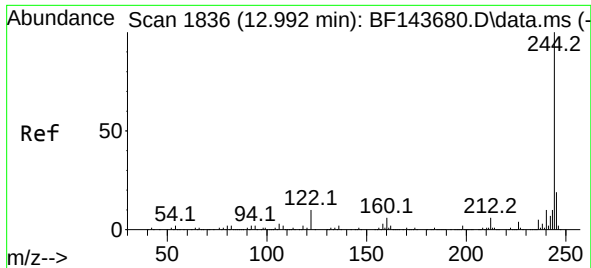
Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

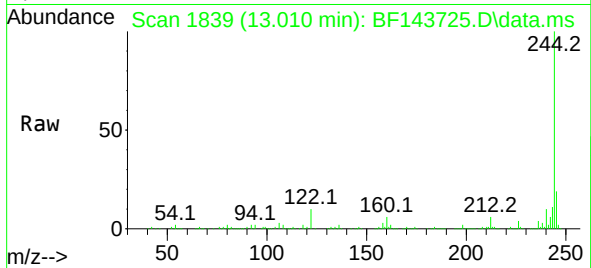
236 24.3 18.6 28.0



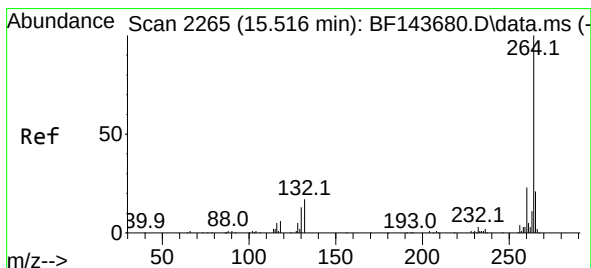
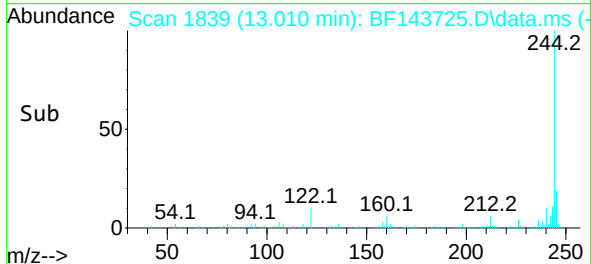
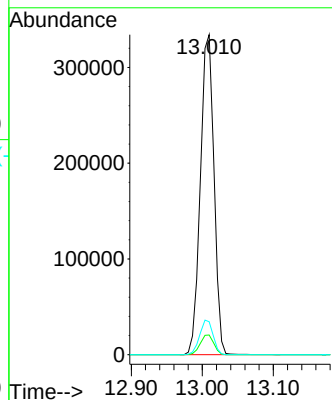


#79
Terphenyl-d14
Concen: 92.193 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.017 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL



Tgt Ion:244 Resp: 446701
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.6
122 10.3 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:264 Resp: 85245
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.1 17.1 25.7

