

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143697.D
 Acq On : 10 Sep 2025 11:49
 Operator : RC/JU
 Sample : PB169526BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169526BL

Quant Time: Sep 10 12:11:04 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	43408	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	170323	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	101882	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	182625	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113993	20.000	ng	0.00
86) Perylene-d12	15.515	264	97710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	382626	150.390	ng	0.02
7) Phenol-d6	6.504	99	462884	149.421	ng	0.00
23) Nitrobenzene-d5	7.445	82	283956	103.698	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160238	156.065	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	665781	98.716	ng	0.00
79) Terphenyl-d14	12.998	244	778073	110.611	ng	0.00

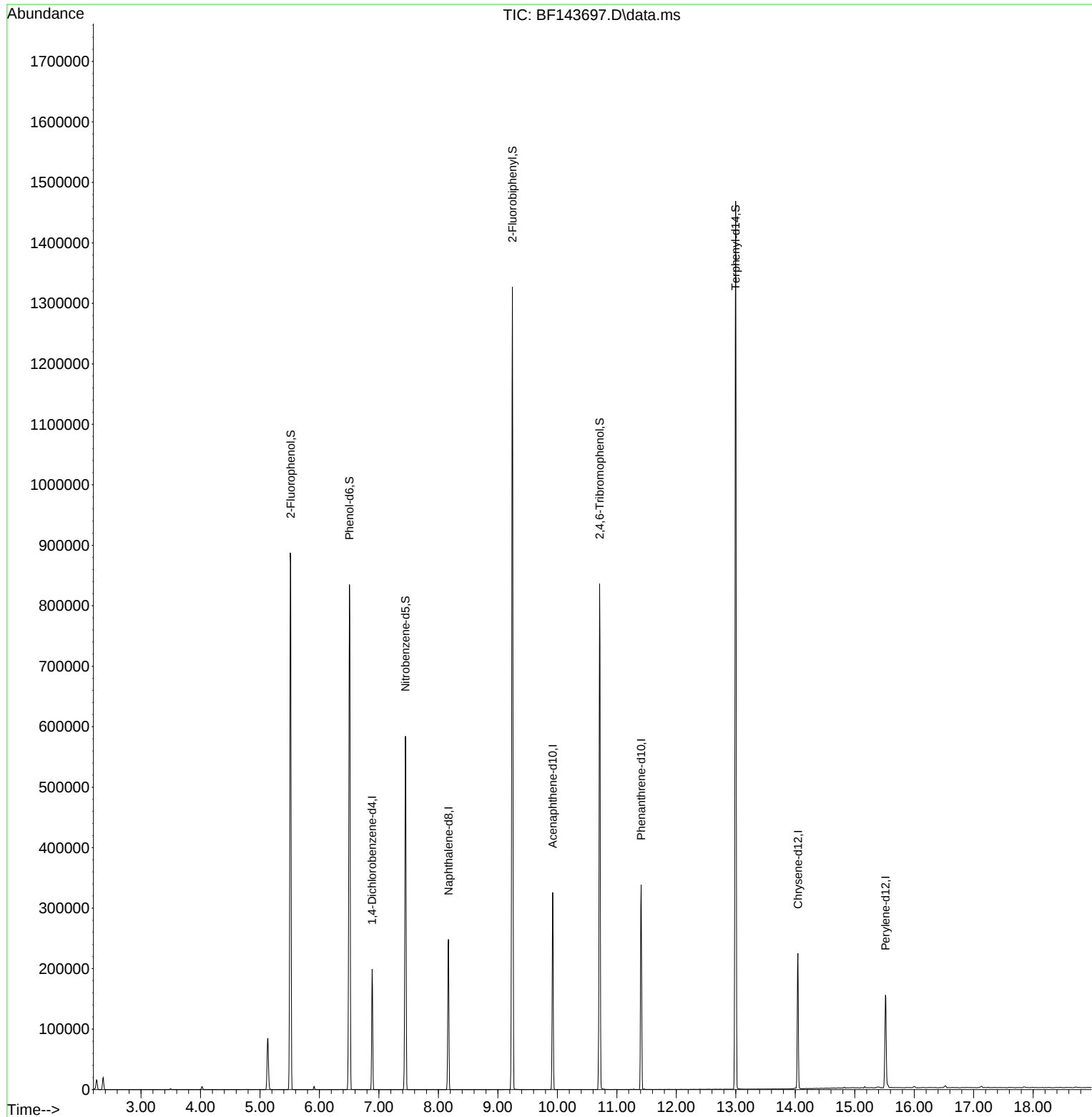
Target Compounds	Qvalue

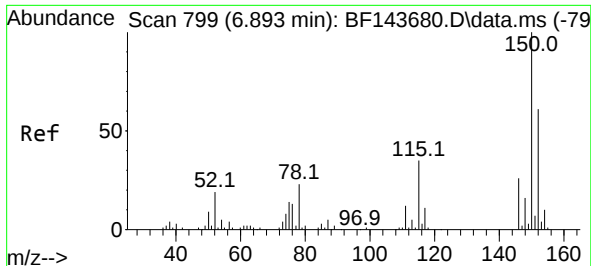
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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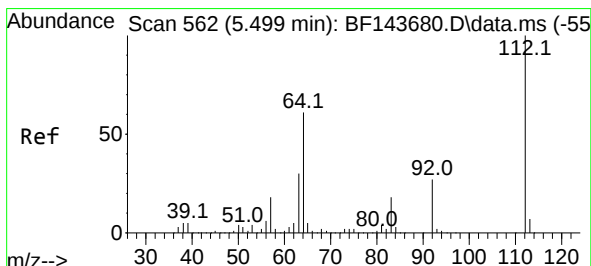
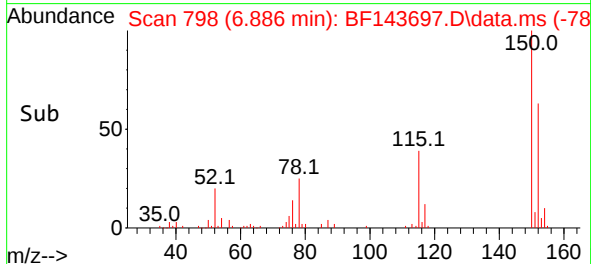
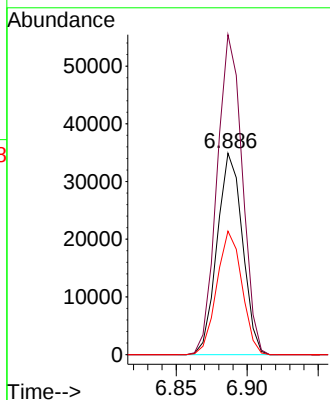
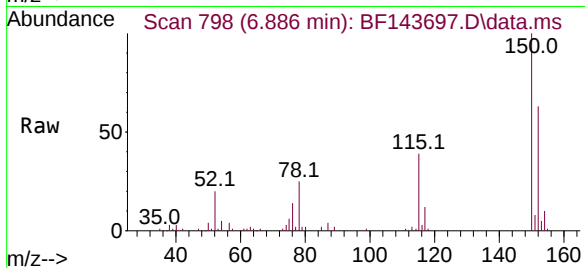




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 799
Delta R.T. -0.007 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

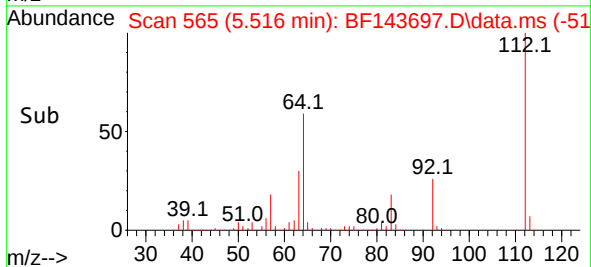
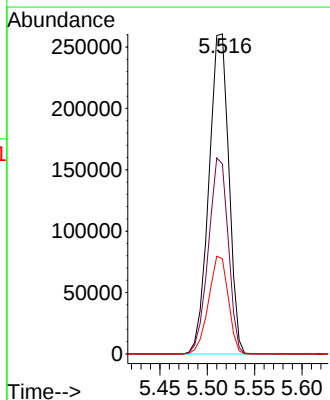
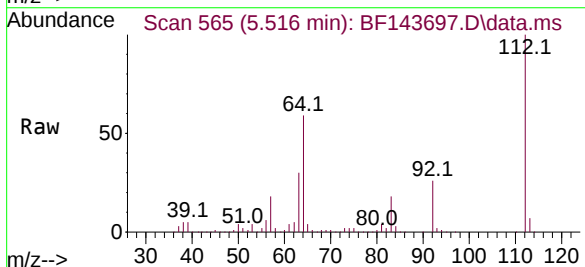
Instrument :
BNA_F
ClientSampleId :
PB169526BL

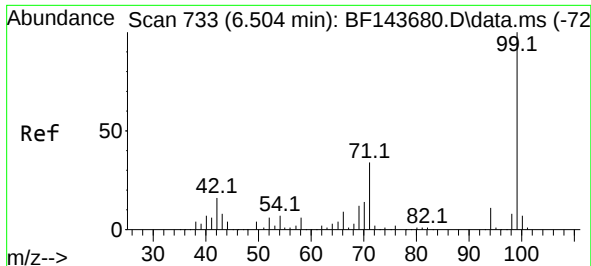
Tgt Ion:152 Resp: 43408
Ion Ratio Lower Upper
152 100
150 159.0 130.7 196.1
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 150.390 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

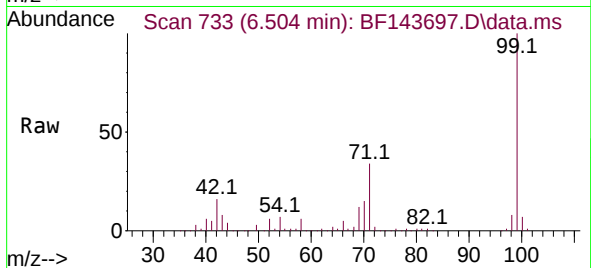
Tgt Ion:112 Resp: 382626
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.4
63 29.7 24.3 36.5



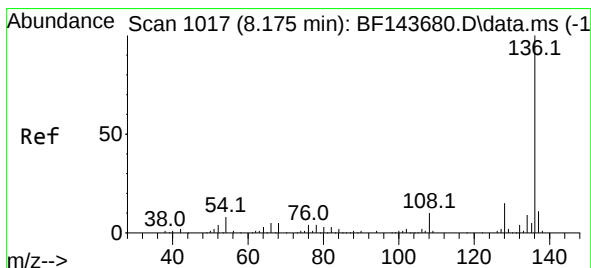
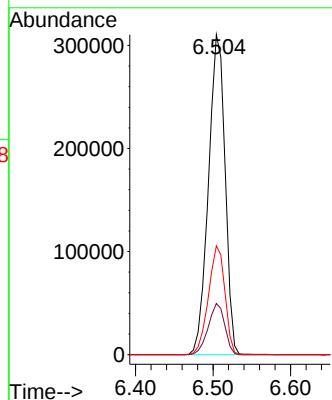
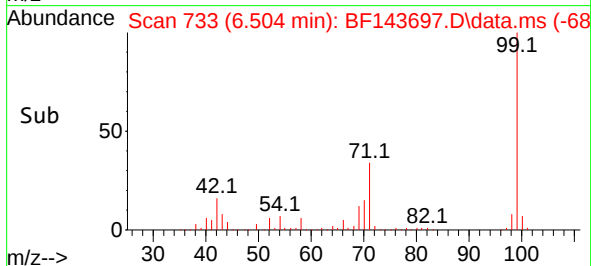


#7
Phenol-d6
Concen: 149.421 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

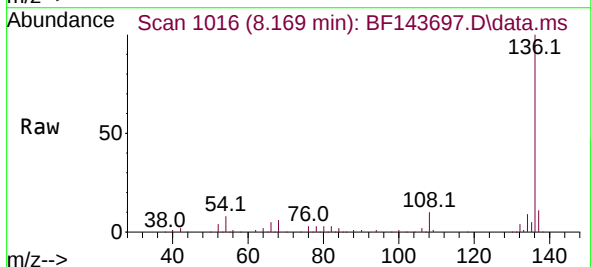
Instrument :
BNA_F
ClientSampleId :
PB169526BL



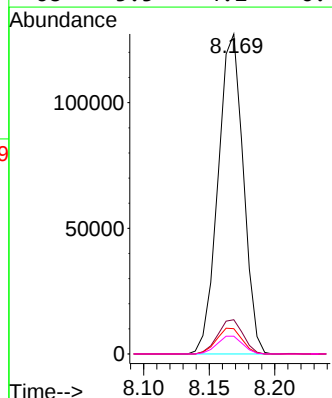
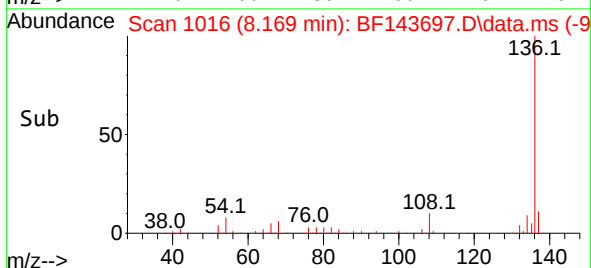
Tgt Ion: 99 Resp: 462884
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.0 27.4 41.2

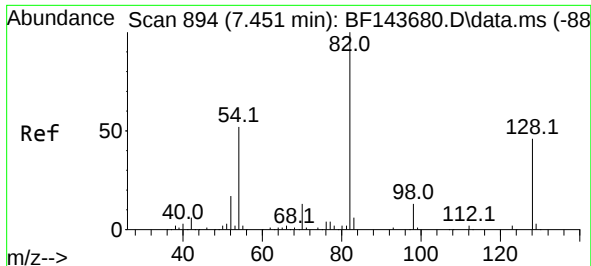


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49



Tgt Ion: 136 Resp: 170323
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 103.698 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143697.D

Acq: 10 Sep 2025 11:49

Instrument :

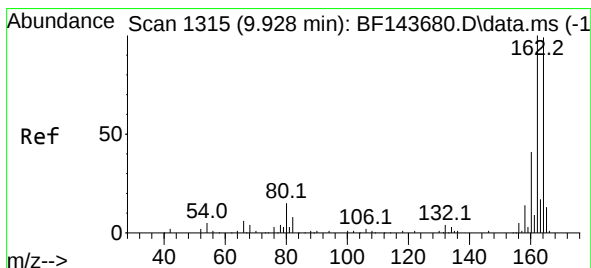
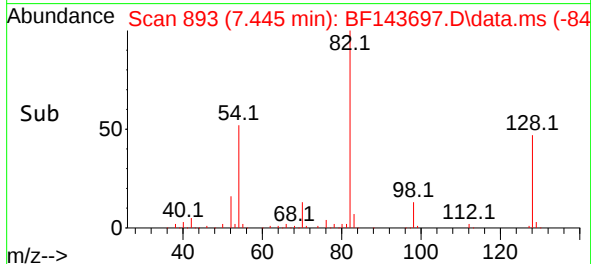
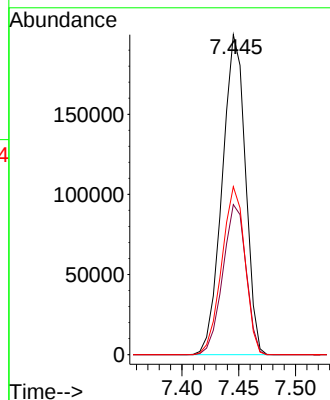
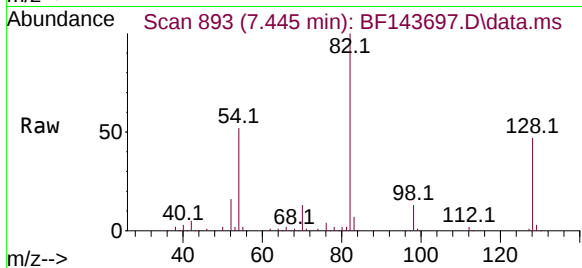
BNA_F

ClientSampleId :

PB169526BL

Tgt Ion: 82 Resp: 283956

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	52.5	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

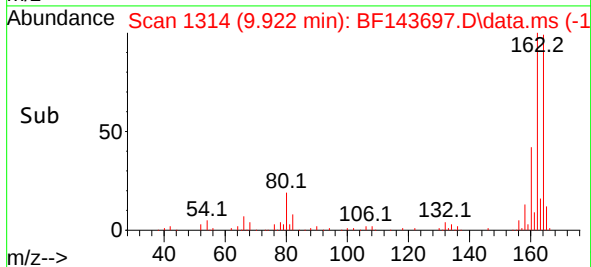
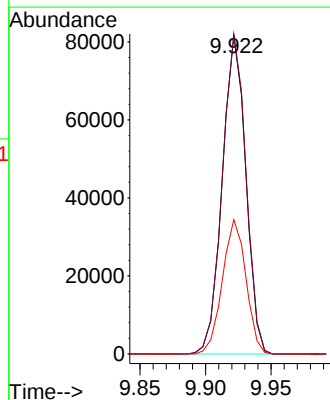
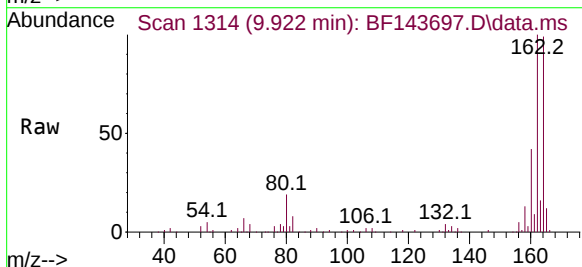
Delta R.T. -0.006 min

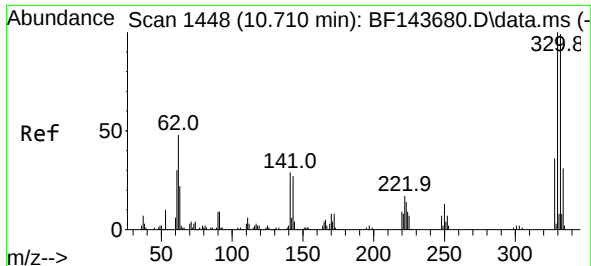
Lab File: BF143697.D

Acq: 10 Sep 2025 11:49

Tgt Ion: 164 Resp: 101882

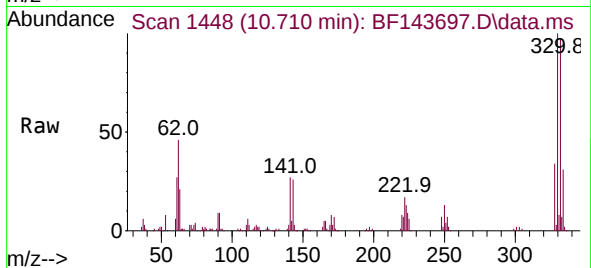
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	42.1	33.0	49.4



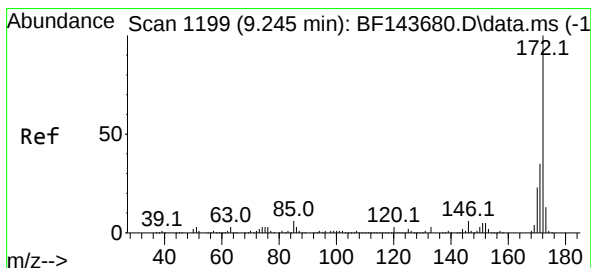
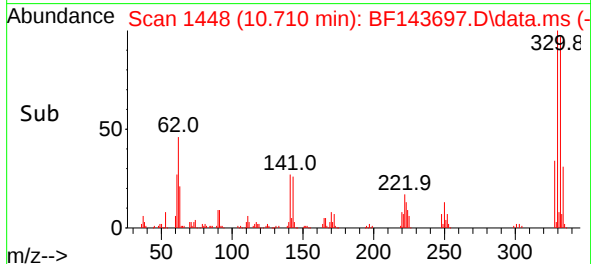
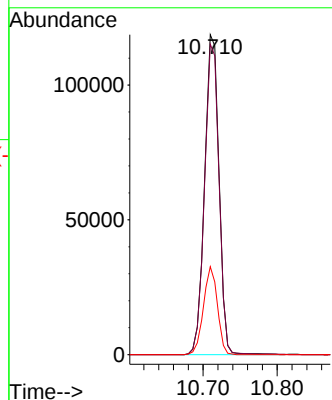


#42
2,4,6-Tribromophenol
Concen: 156.065 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

Instrument :
BNA_F
ClientSampleId :
PB169526BL

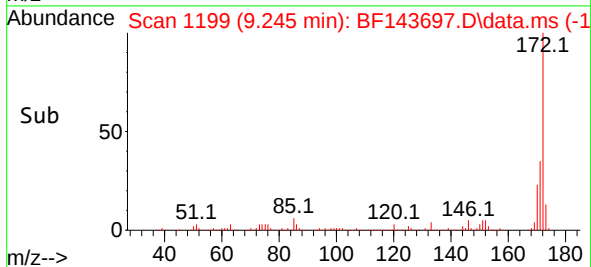
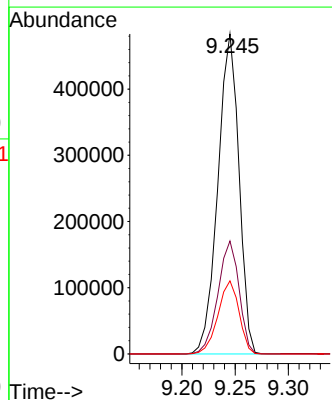
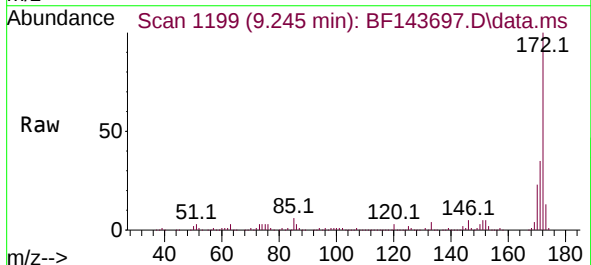


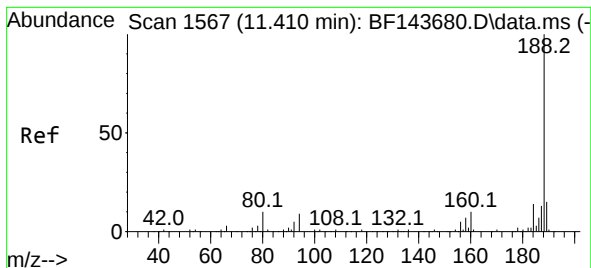
Tgt Ion: 330 Resp: 160238
Ion Ratio Lower Upper
330 100
332 97.5 79.2 118.8
141 26.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 98.716 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

Tgt Ion: 172 Resp: 665781
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143697.D

Acq: 10 Sep 2025 11:49

Instrument :

BNA_F

ClientSampleId :

PB169526BL

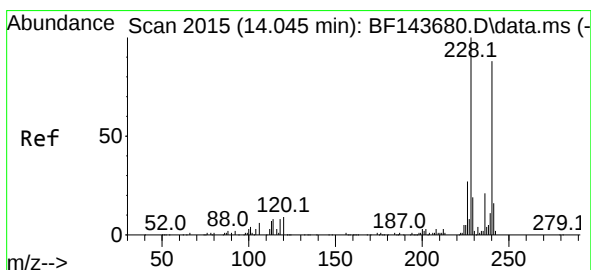
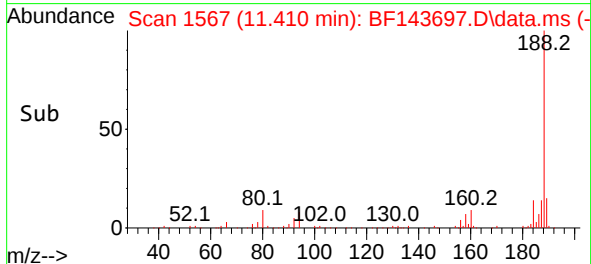
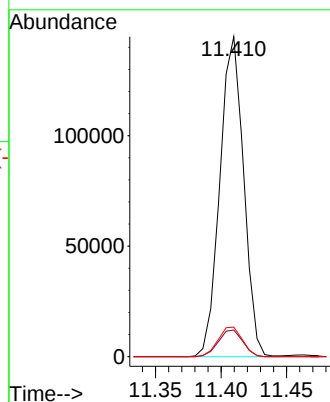
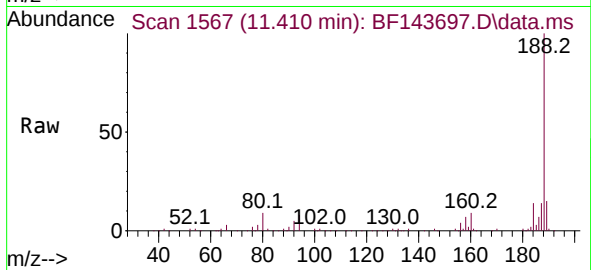
Tgt Ion:188 Resp: 182625

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.0

80 9.2 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: BF143697.D

Acq: 10 Sep 2025 11:49

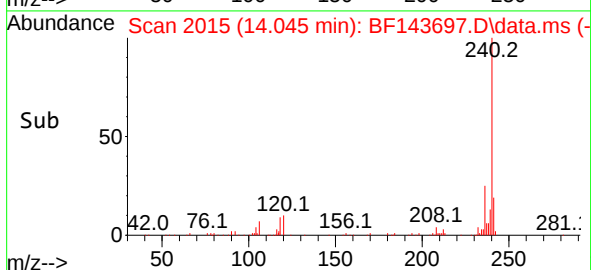
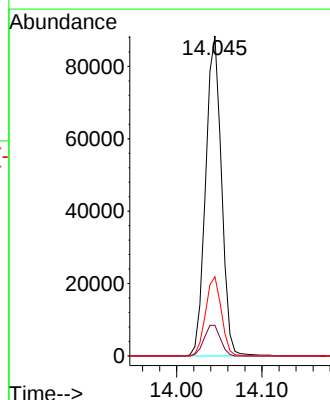
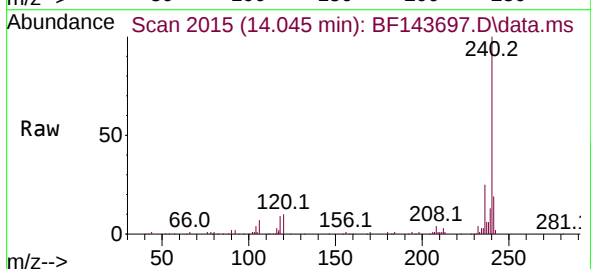
Tgt Ion:240 Resp: 113993

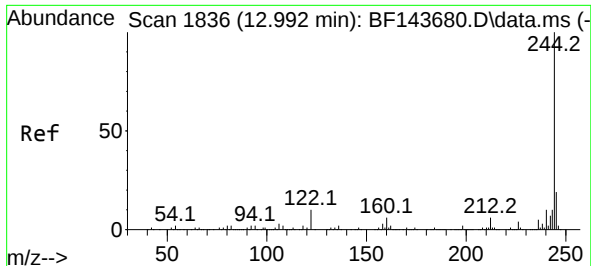
Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

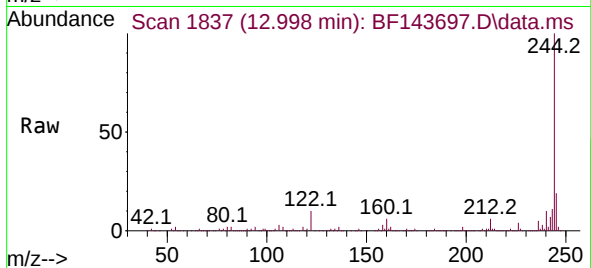
236 24.7 18.6 28.0



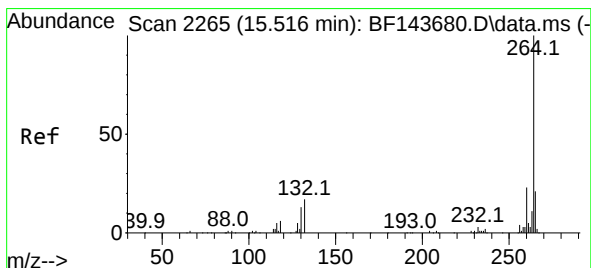
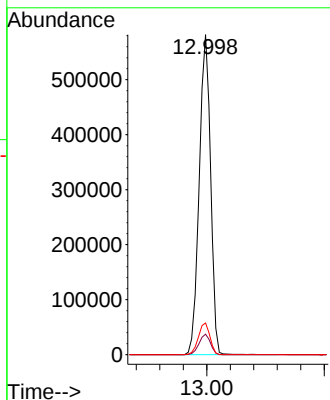
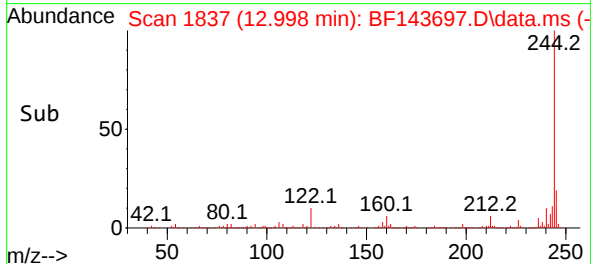


#79
Terphenyl-d14
Concen: 110.611 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF143697.D
Acq: 10 Sep 2025 11:49

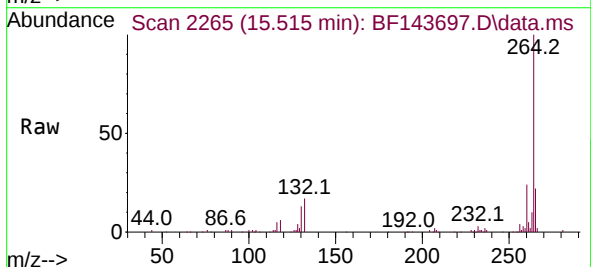
Instrument :
BNA_F
ClientSampleId :
PB169526BL



Tgt Ion:244 Resp: 778073
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 9.9 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: BF143697.D
Acq: 10 Sep 2025 11:49



Tgt Ion:264 Resp: 97710
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.4 17.1 25.7

