

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143800.D
 Acq On : 23 Sep 2025 18:11
 Operator : RC/JU
 Sample : PB169751BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169751BL

Quant Time: Sep 23 18:33:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	146548	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	546738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	284431	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	452558	20.000	ng	0.00
76) Chrysene-d12	14.051	240	408146	20.000	ng	-0.01
86) Perylene-d12	15.533	264	544168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1121028	123.109	ng	0.00
7) Phenol-d6	6.504	99	1330525	123.818	ng	0.00
23) Nitrobenzene-d5	7.445	82	845689	97.343	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	489526	120.596	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1627169	84.540	ng	0.00
79) Terphenyl-d14	12.998	244	2129158	102.419	ng	0.00

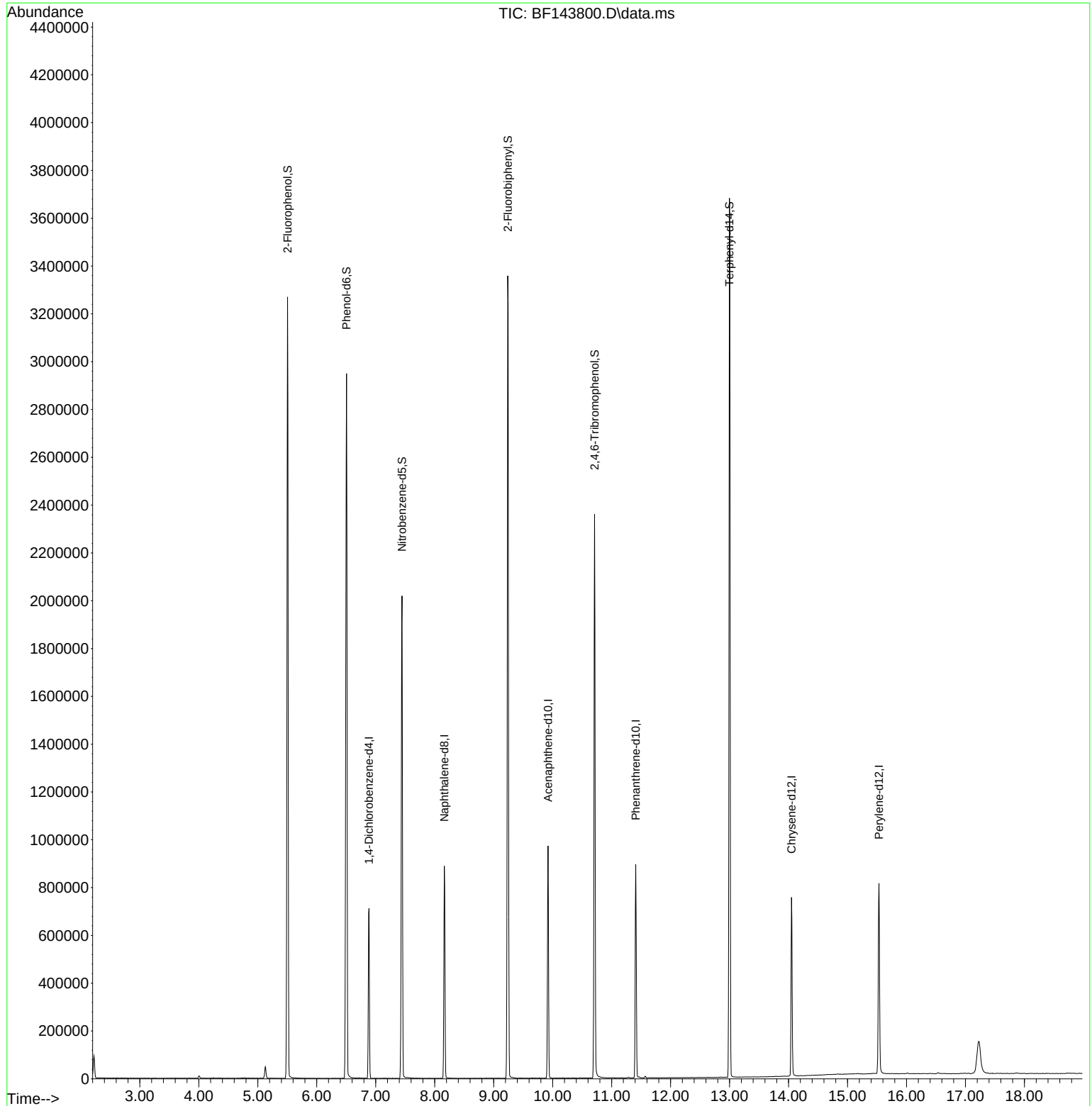
Target Compounds Qvalue

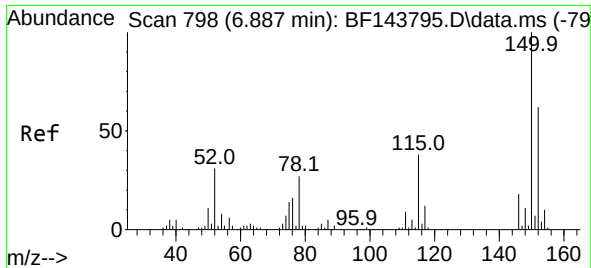
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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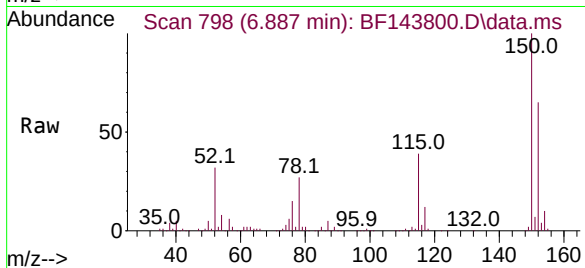
Quant Time: Sep 23 18:33:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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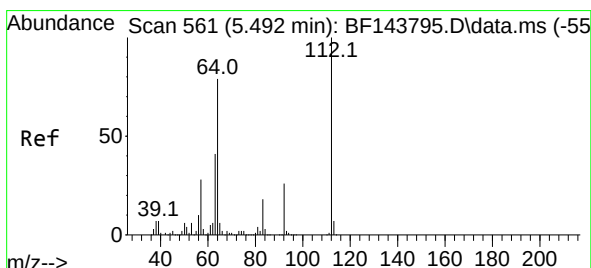
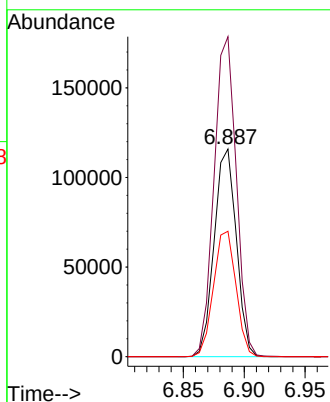
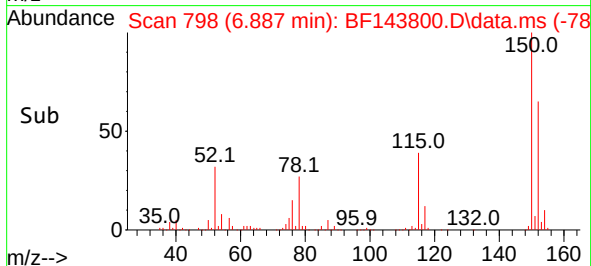


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

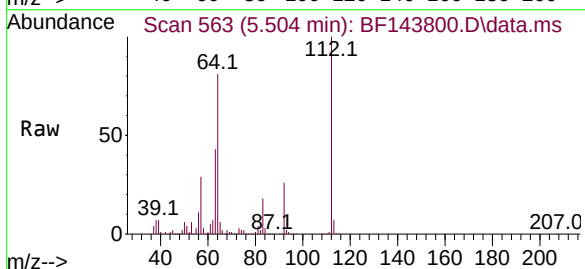
Instrument :
BNA_F
ClientSampleId :
PB169751BL



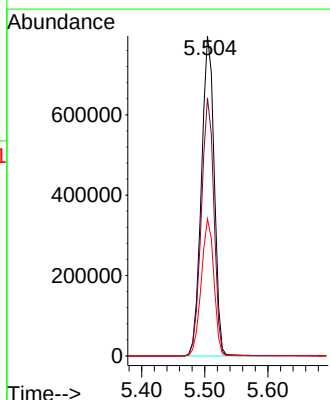
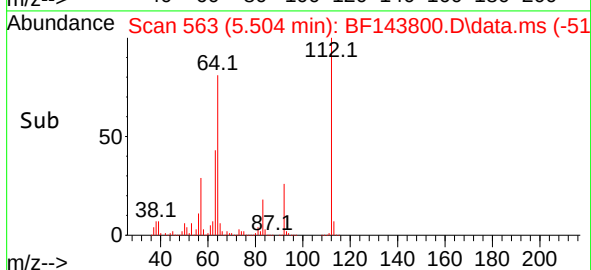
Tgt Ion:152 Resp: 146548
Ion Ratio Lower Upper
152 100
150 154.1 129.6 194.4
115 60.4 49.0 73.4

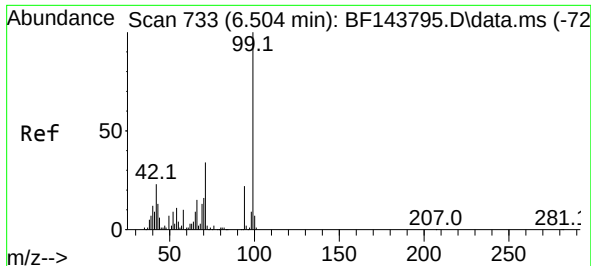


#5
2-Fluorophenol
Concen: 123.109 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11



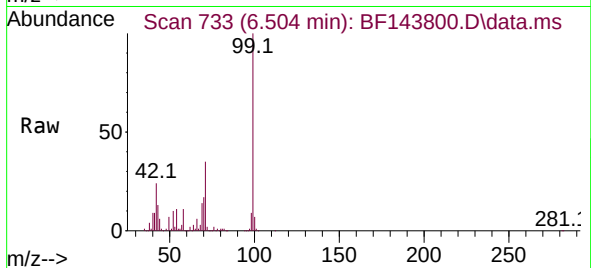
Tgt Ion:112 Resp: 1121028
Ion Ratio Lower Upper
112 100
64 80.6 63.0 94.4
63 42.8 32.6 49.0





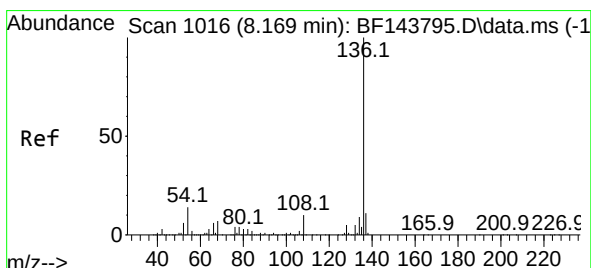
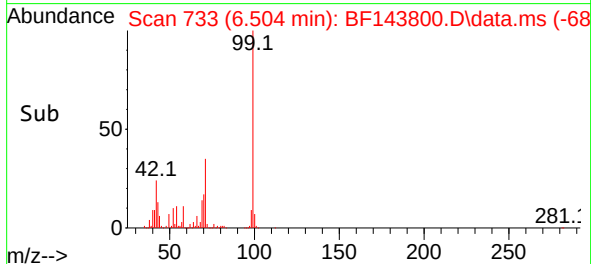
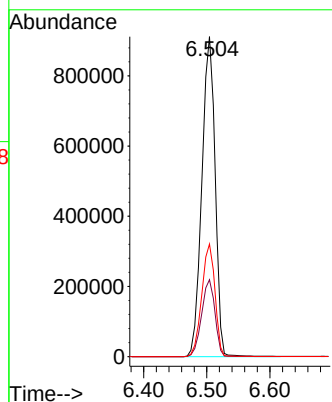
#7
Phenol-d6
Concen: 123.818 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Instrument :
BNA_F
ClientSampleId :
PB169751BL



Tgt Ion: 99 Resp: 1330525

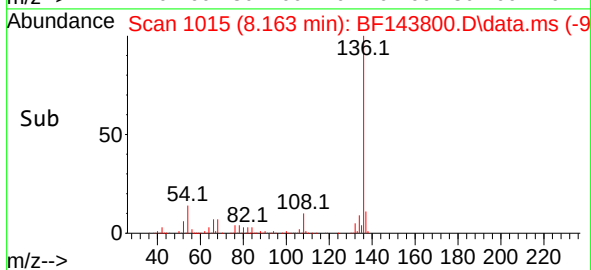
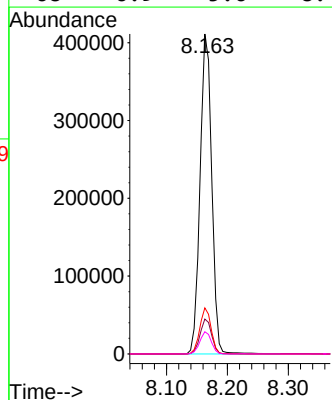
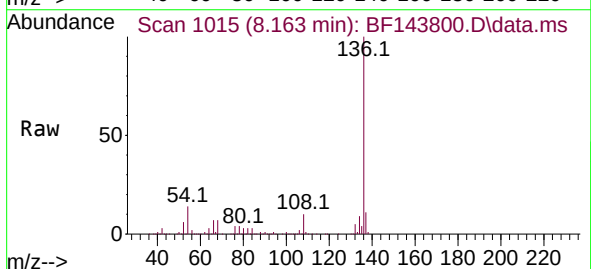
Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.6	28.0
71	35.2	27.0	40.4

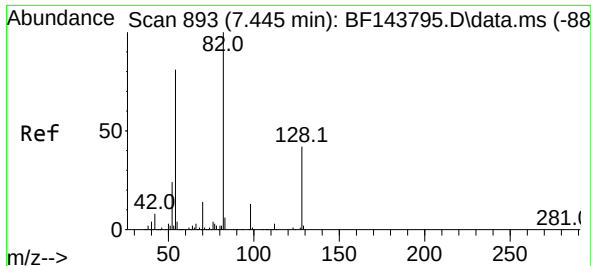


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion: 136 Resp: 546738

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	14.4	11.2	16.8
68	6.9	5.6	8.4

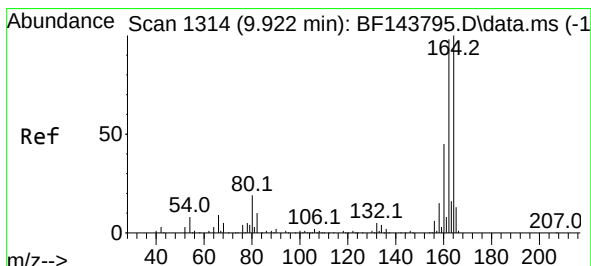
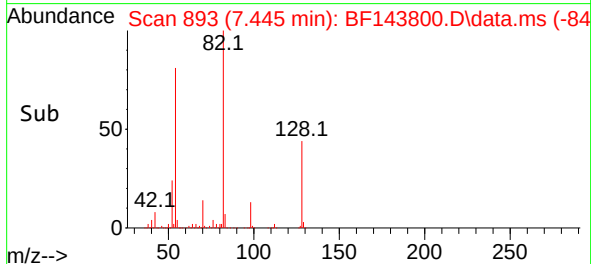
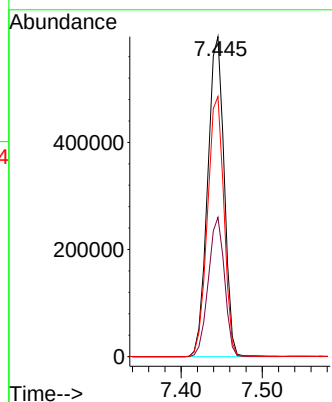
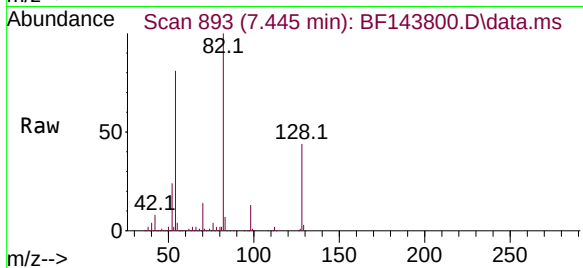




#23
Nitrobenzene-d5
Concen: 97.343 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

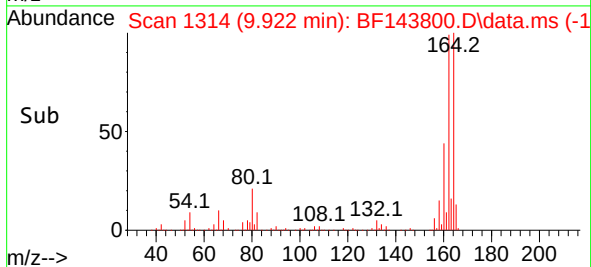
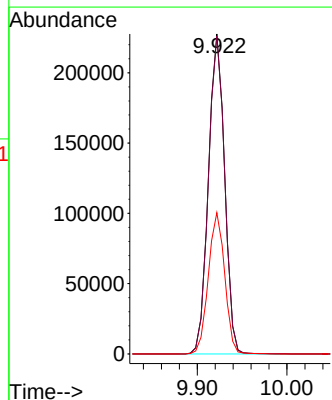
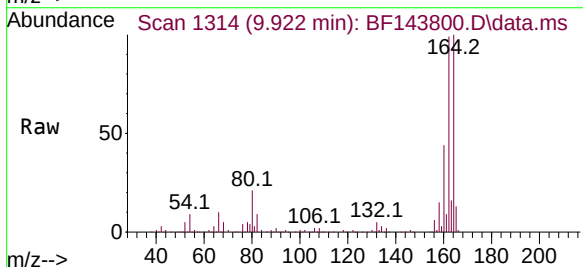
Instrument :
BNA_F
ClientSampleId :
PB169751BL

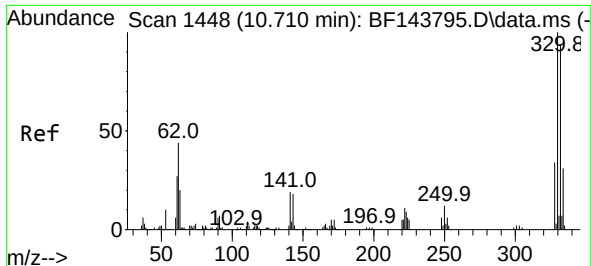
Tgt Ion: 82 Resp: 845689
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 81.3 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

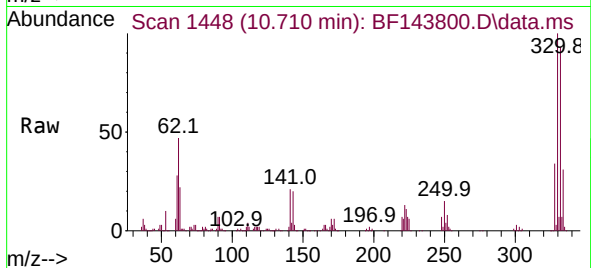
Tgt Ion: 164 Resp: 284431
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 44.1 35.8 53.6



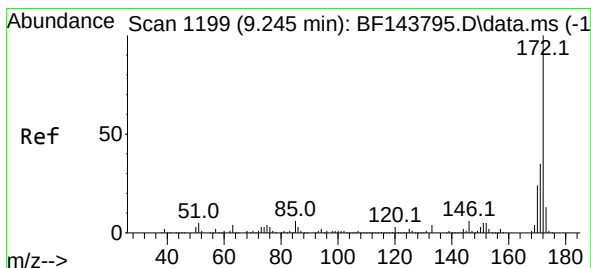
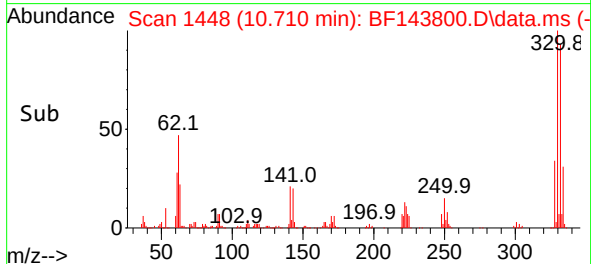
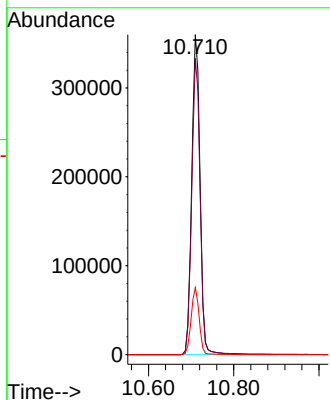


#42
2,4,6-Tribromophenol
Concen: 120.596 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Instrument :
BNA_F
ClientSampleId :
PB169751BL

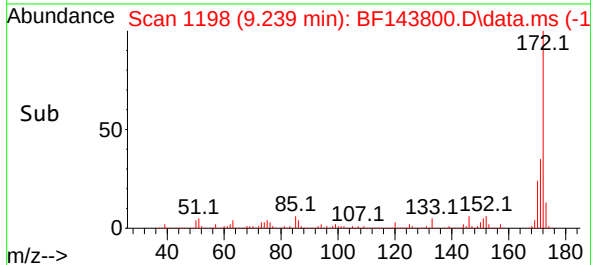
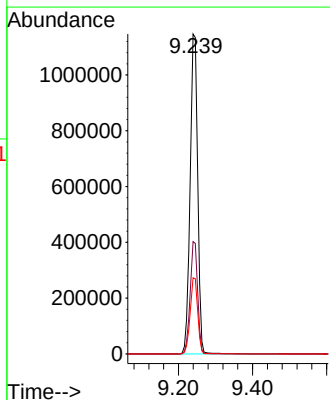
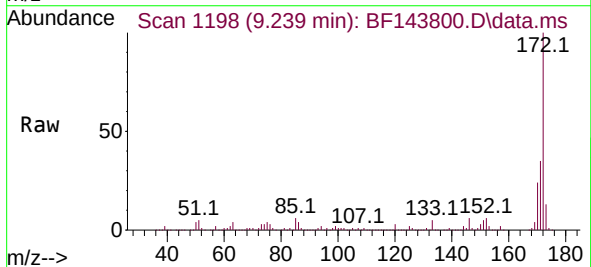


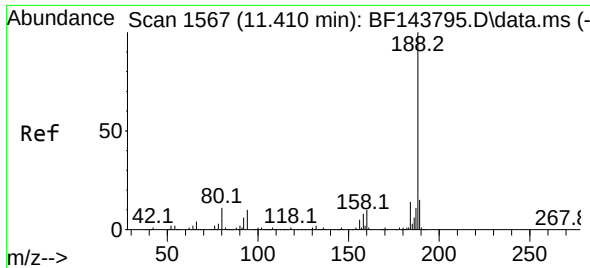
Tgt Ion:330 Resp: 489526
Ion Ratio Lower Upper
330 100
332 92.9 74.7 112.1
141 20.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 84.540 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:172 Resp: 1627169
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.8 19.1 28.7

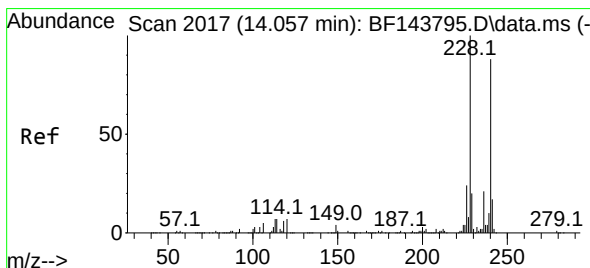
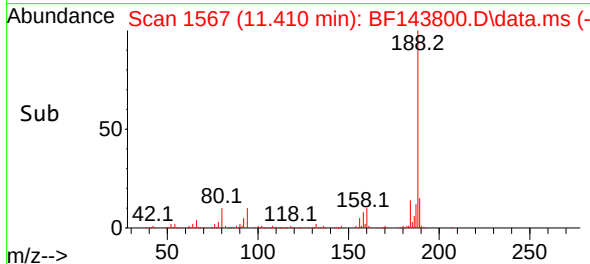
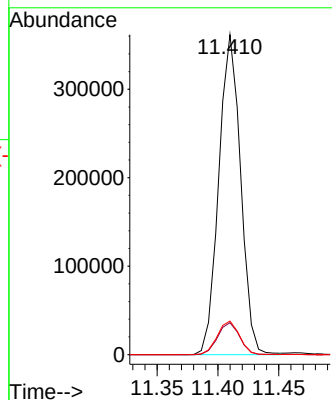
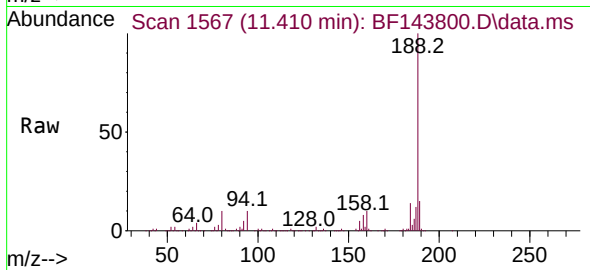




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

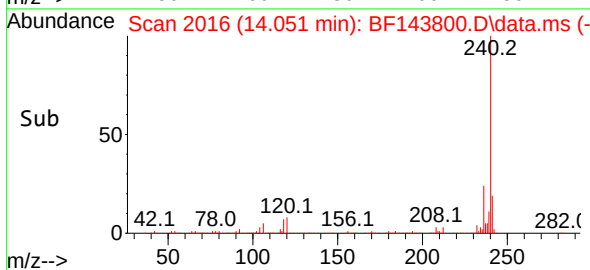
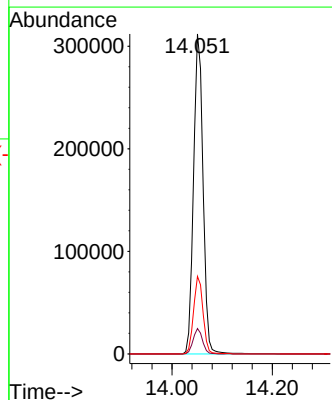
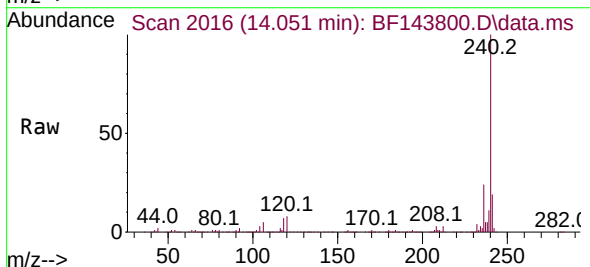
Instrument :
BNA_F
ClientSampleId :
PB169751BL

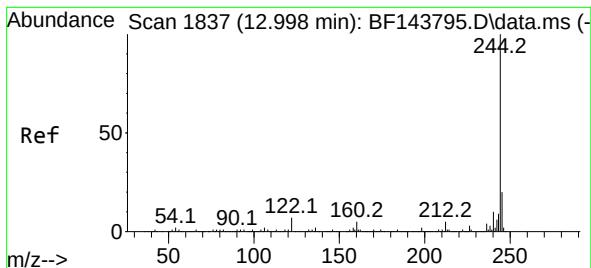
Tgt Ion:188 Resp: 452558
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:240 Resp: 408146
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 24.2 19.4 29.2





#79

Terphenyl-d14

Concen: 102.419 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Instrument :

BNA_F

ClientSampleId :

PB169751BL

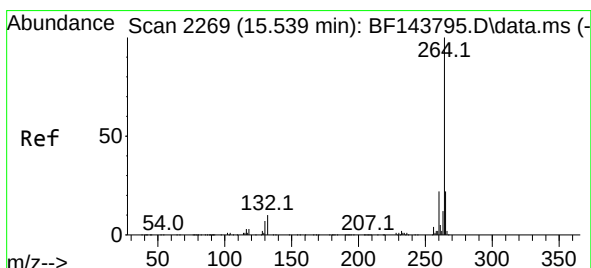
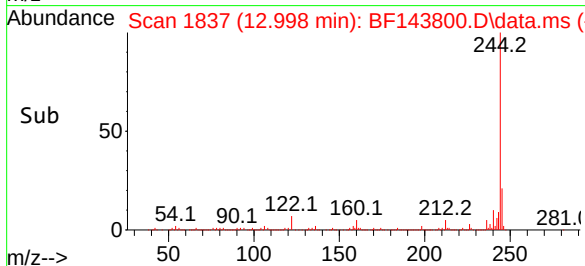
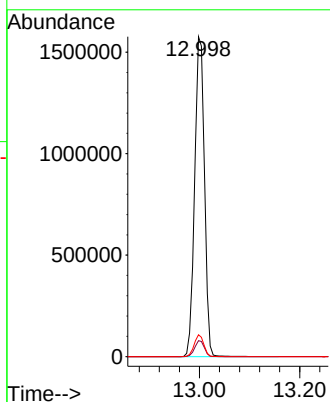
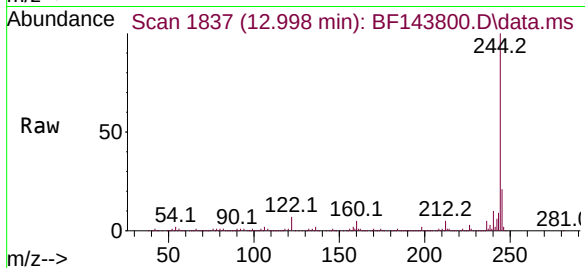
Tgt Ion:244 Resp: 2129158

Ion Ratio Lower Upper

244 100

212 5.0 3.9 5.9

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Tgt Ion:264 Resp: 544168

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 22.0 17.7 26.5

