

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143738.D
 Acq On : 12 Sep 2025 17:39
 Operator : RC/JU
 Sample : Q3072-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMP

Quant Time: Sep 12 18:00:29 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	30964	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	104557	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	52232	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	79249	20.000	ng	0.00
76) Chrysene-d12	14.057	240	76046	20.000	ng	0.01
86) Perylene-d12	15.539	264	74001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	228029	125.646	ng	0.02
7) Phenol-d6	6.516	99	246858	111.712	ng	0.01
23) Nitrobenzene-d5	7.451	82	162998	96.967	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	66423	126.188	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	340389	98.445	ng	0.00
79) Terphenyl-d14	13.004	244	325628	69.391	ng	0.01

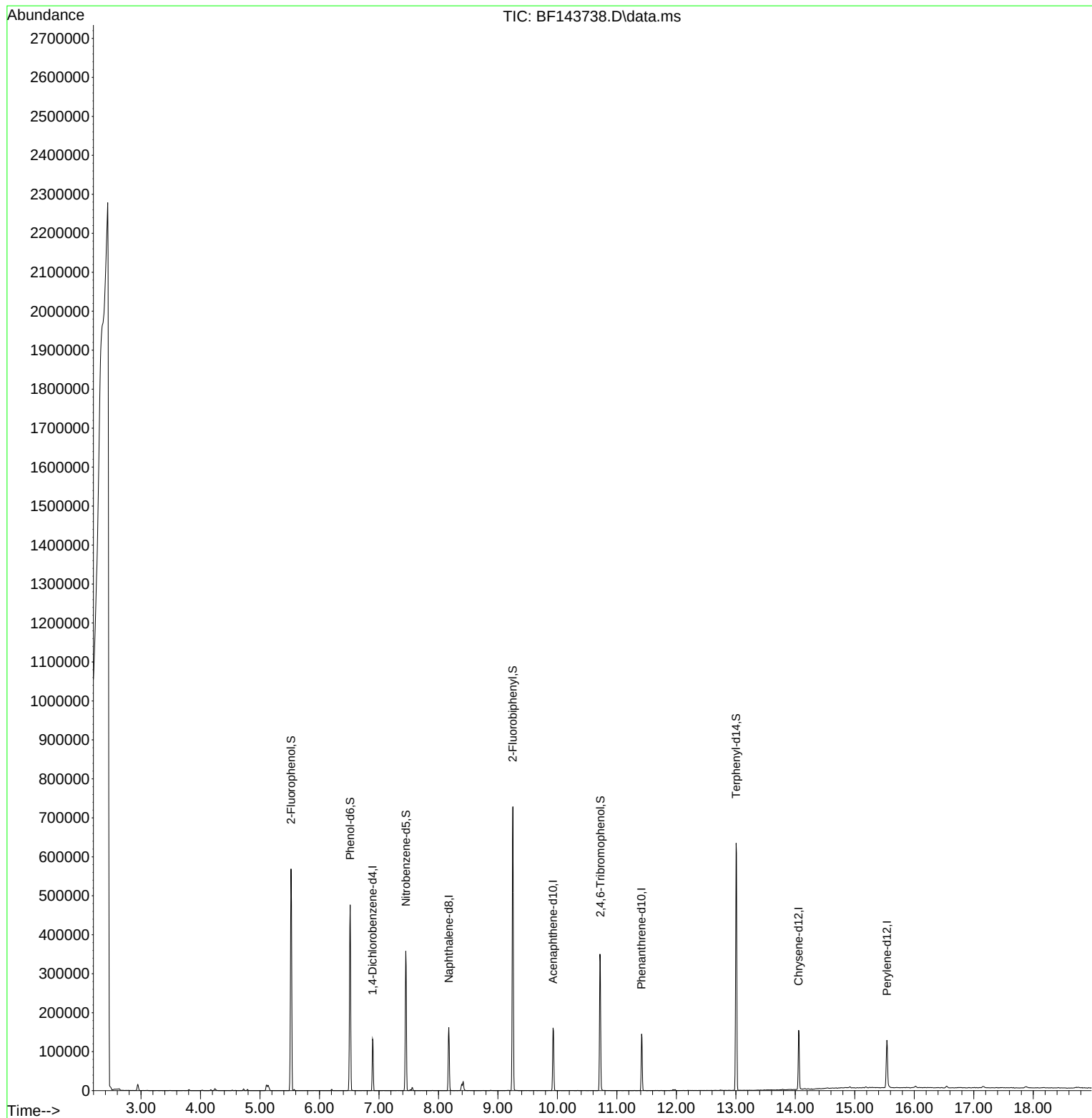
Target Compounds	Qvalue

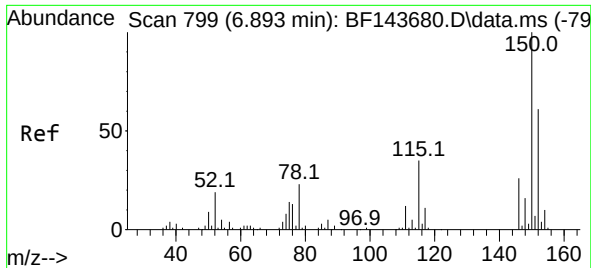
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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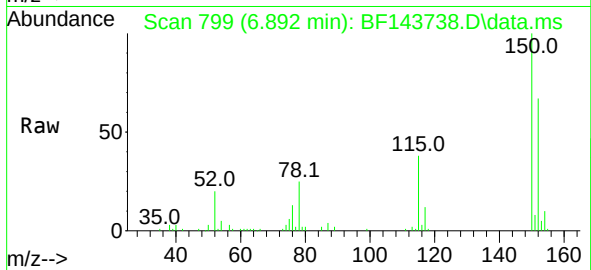
Quant Time: Sep 12 18:00:29 2025
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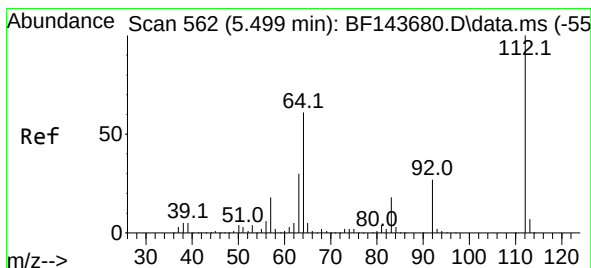
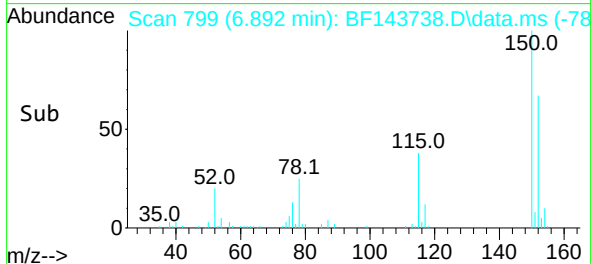
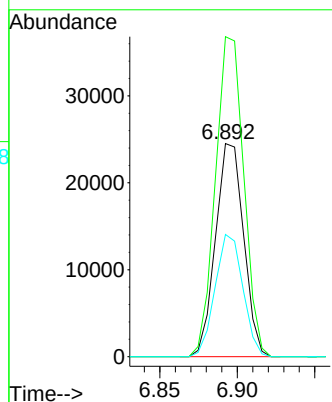


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143738.D
 Acq: 12 Sep 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMP

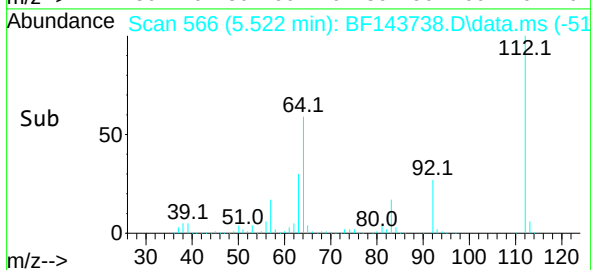
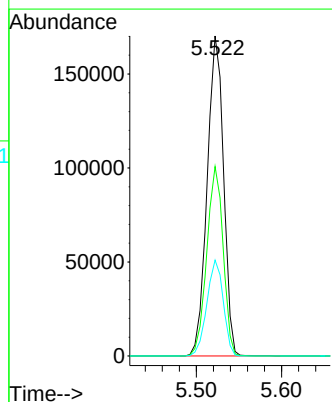
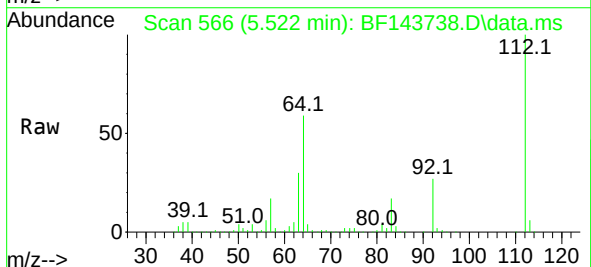


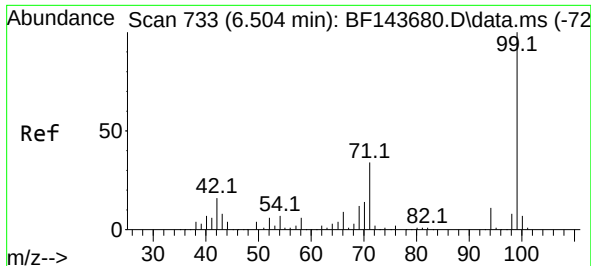
Tgt Ion:152 Resp: 30964
 Ion Ratio Lower Upper
 152 100
 150 150.1 130.7 196.1
 115 57.4 45.9 68.9



#5
 2-Fluorophenol
 Concen: 125.646 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.023 min
 Lab File: BF143738.D
 Acq: 12 Sep 2025 17:39

Tgt Ion:112 Resp: 228029
 Ion Ratio Lower Upper
 112 100
 64 59.2 49.0 73.4
 63 29.9 24.3 36.5

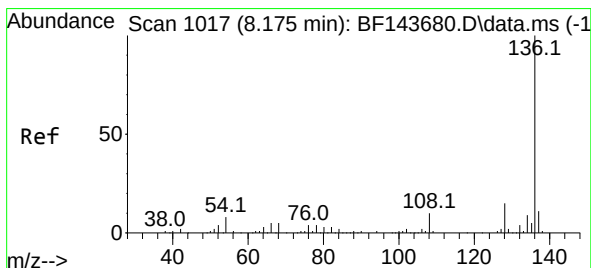
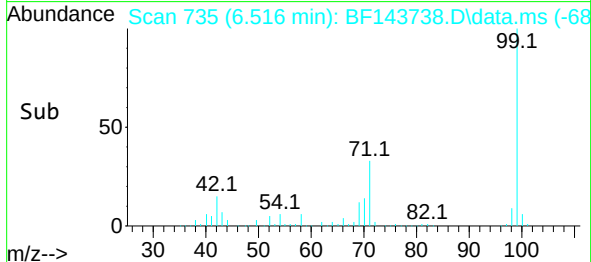
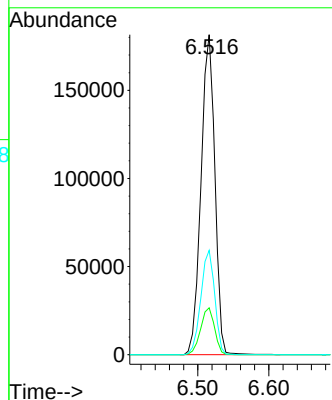
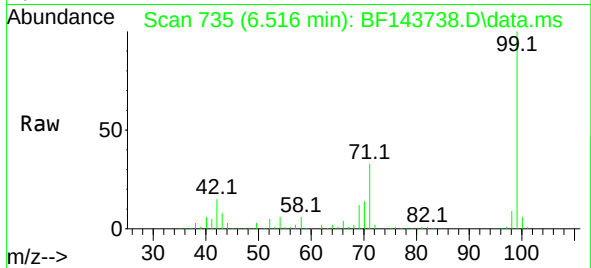




#7
Phenol-d6
Concen: 111.712 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

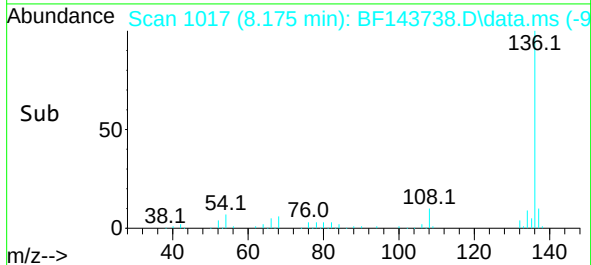
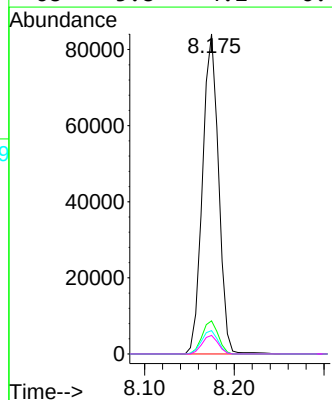
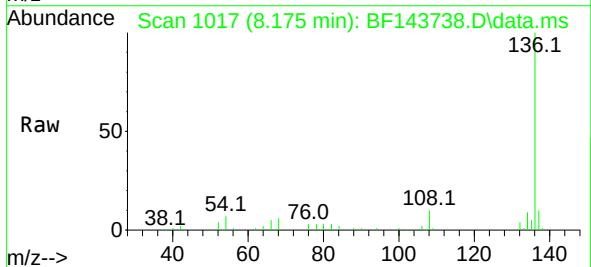
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMP

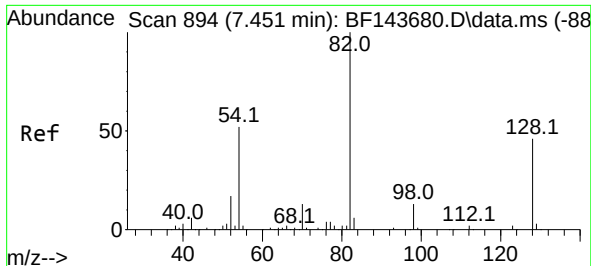
Tgt Ion: 99 Resp: 246858
Ion Ratio Lower Upper
99 100
42 14.6 13.0 19.4
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Tgt Ion: 136 Resp: 104557
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 7.3 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 96.967 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143738.D

Acq: 12 Sep 2025 17:39

Instrument :

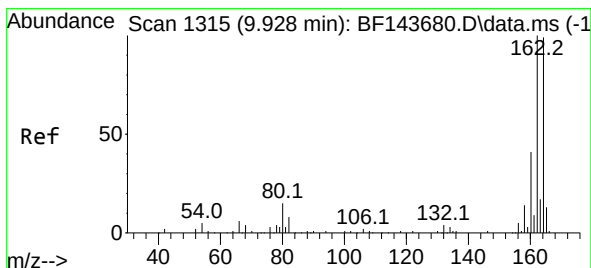
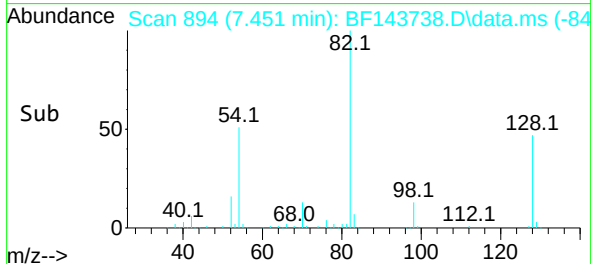
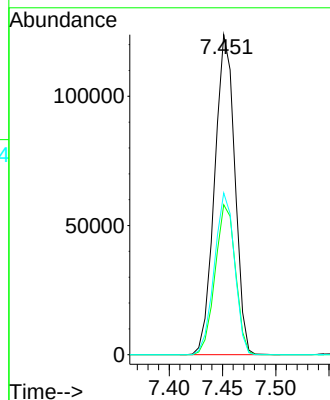
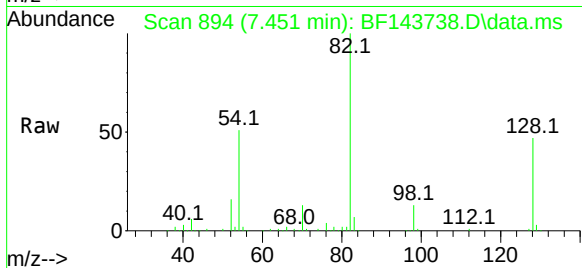
BNA_F

ClientSampleId :

30-GARFIELD-PL-COMP

Tgt Ion: 82 Resp: 162998

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.4
54	50.5	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

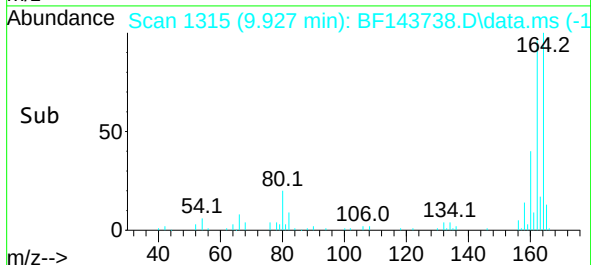
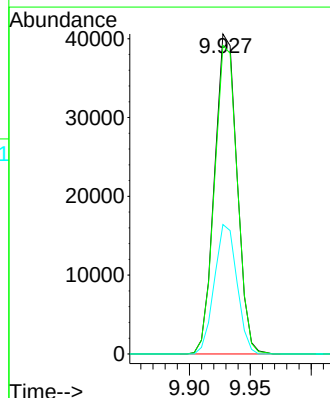
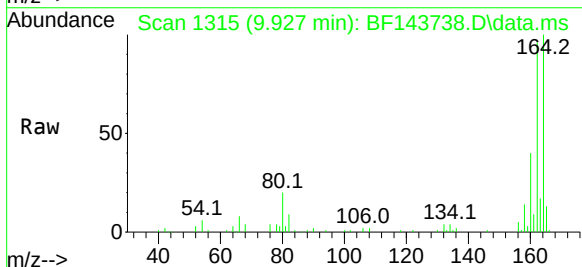
Delta R.T. -0.000 min

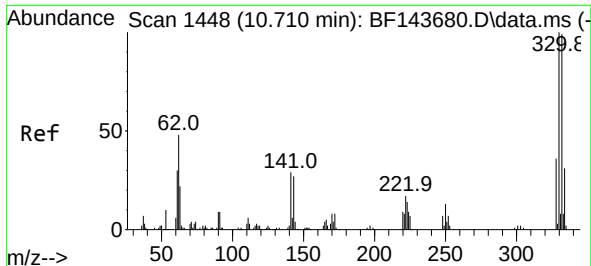
Lab File: BF143738.D

Acq: 12 Sep 2025 17:39

Tgt Ion: 164 Resp: 52232

Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.6	121.0
160	40.5	33.0	49.4

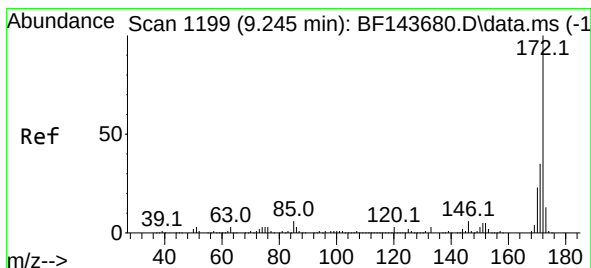
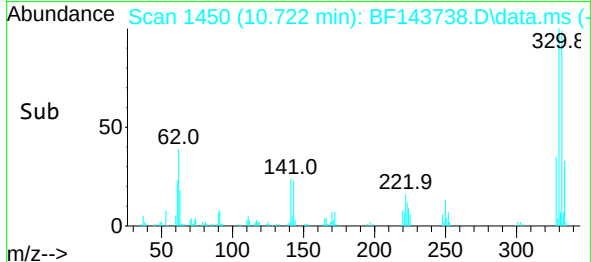
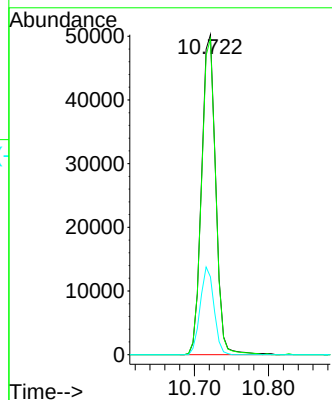
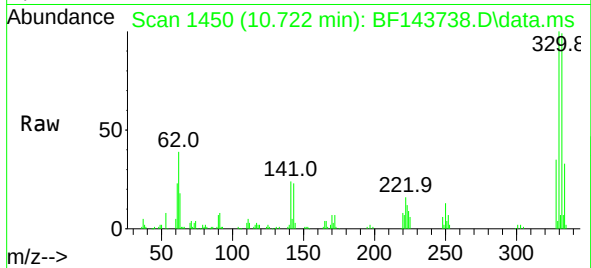




#42
2,4,6-Tribromophenol
Concen: 126.188 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

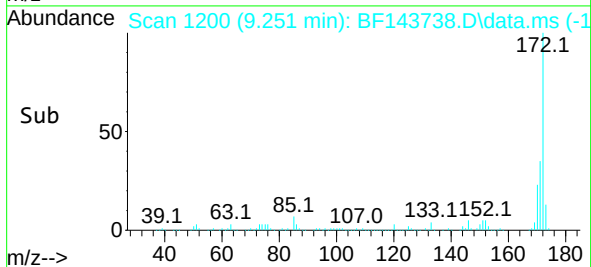
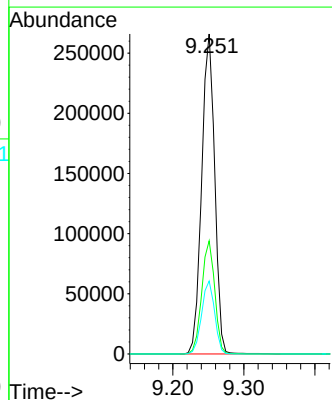
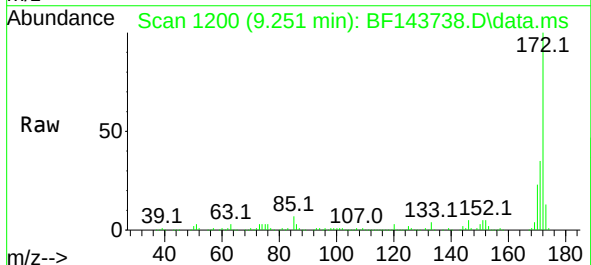
Instrument :
BNA_F
ClientSampleId :
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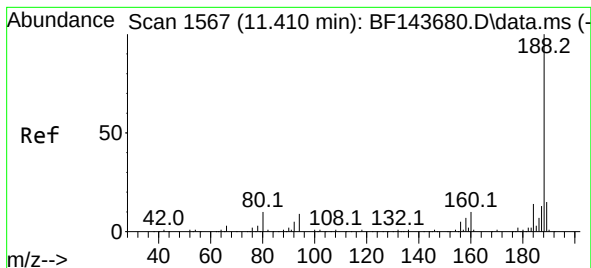
Tgt Ion: 330 Resp: 66423
Ion Ratio Lower Upper
330 100
332 98.3 79.2 118.8
141 26.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 98.445 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Tgt Ion: 172 Resp: 340389
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 22.8 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: BF143738.D

Acq: 12 Sep 2025 17:39

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMP

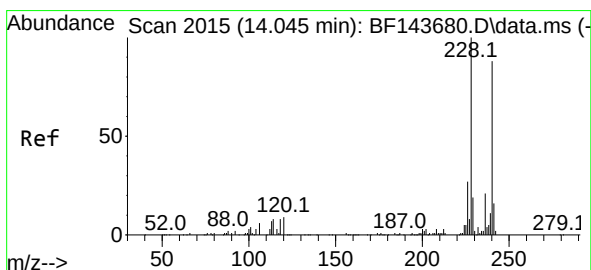
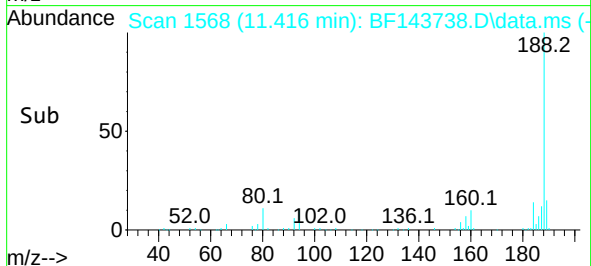
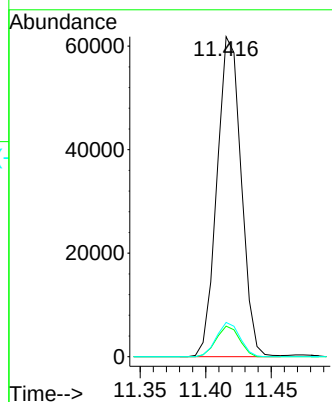
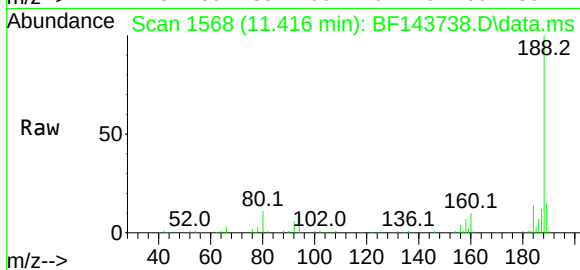
Tgt Ion:188 Resp: 79249

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.7 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: BF143738.D

Acq: 12 Sep 2025 17:39

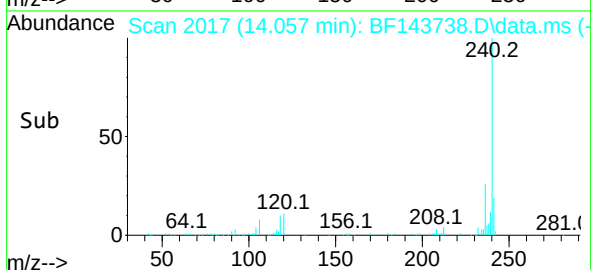
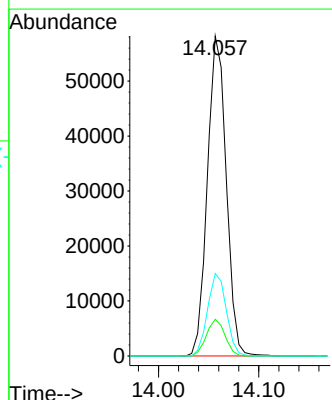
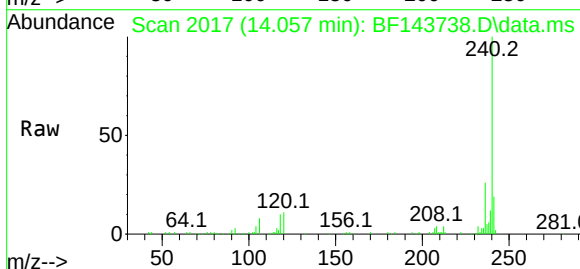
Tgt Ion:240 Resp: 76046

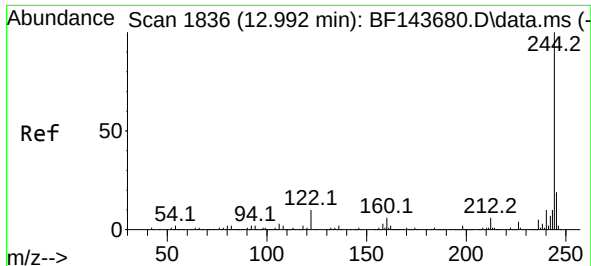
Ion Ratio Lower Upper

240 100

120 11.5 8.4 12.6

236 25.8 18.6 28.0

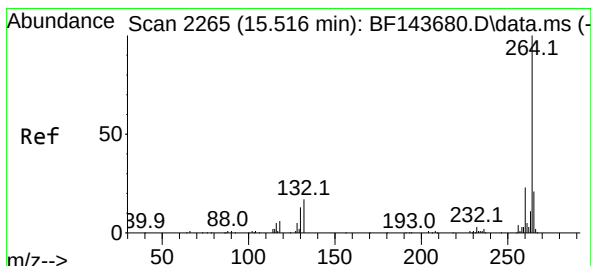
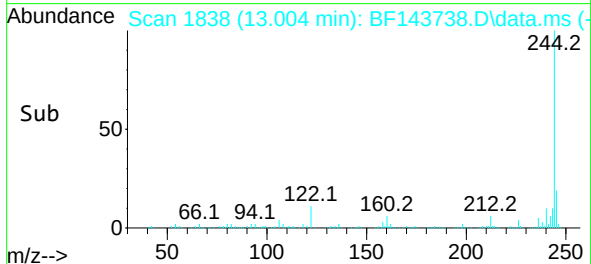
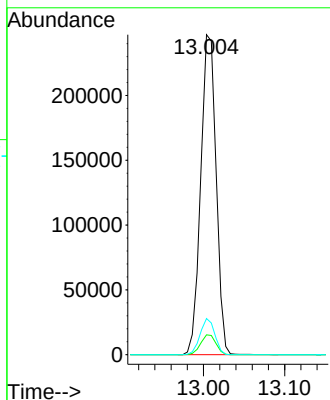
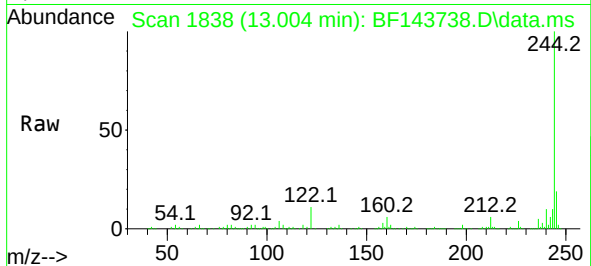




#79
 Terphenyl-d14
 Concen: 69.391 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.012 min
 Lab File: BF143738.D
 Acq: 12 Sep 2025 17:39

Instrument :
 BNA_F
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 30-GARFIELD-PL-COMP

Tgt Ion:244 Resp: 325628
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 11.3 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: BF143738.D
 Acq: 12 Sep 2025 17:39

Tgt Ion:264 Resp: 74001
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.9 17.1 25.7

