

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143742.D
 Acq On : 12 Sep 2025 19:36
 Operator : RC/JU
 Sample : Q3077-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0137

Quant Time: Sep 12 23:46:22 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)

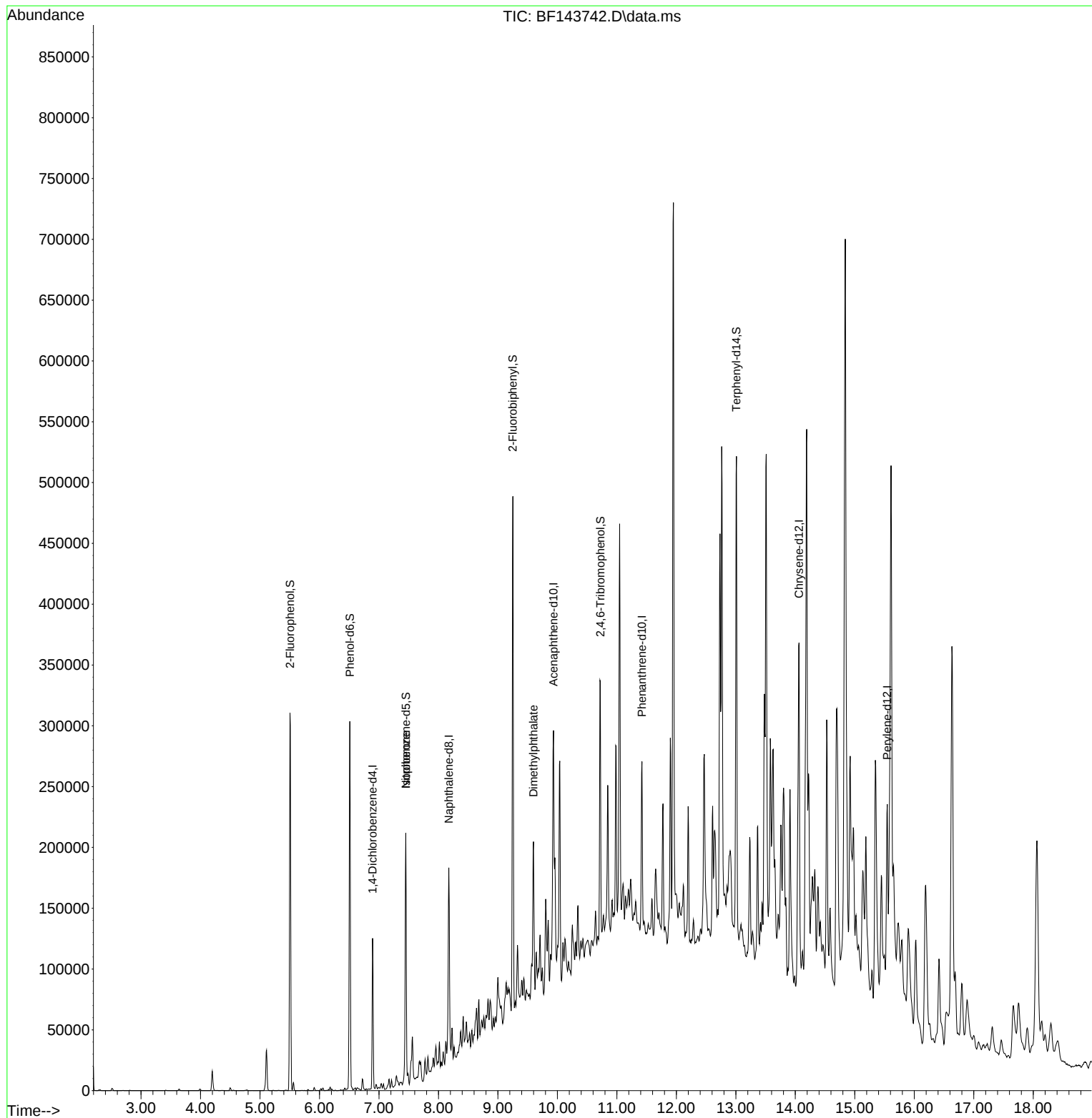
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	27079	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	91940	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	47385	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	71081	20.000	ng	0.01
76) Chrysene-d12	14.063	240	70341	20.000	ng	0.02
86) Perylene-d12	15.545	264	67944	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	122981	77.486	ng	0.00
7) Phenol-d6	6.510	99	149589	77.406	ng	0.00
23) Nitrobenzene-d5	7.451	82	89739	60.712	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	37555	78.644	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	187664	59.827	ng	0.00
79) Terphenyl-d14	13.010	244	193747	44.636	ng	0.02
Target Compounds						
						Qvalue
25) Isophorone	7.451	82	88328	31.163	ng	# 65
50) Dimethylphthalate	9.598	163	8552	2.774	ng	# 87

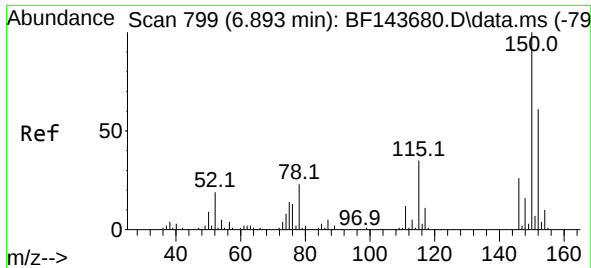
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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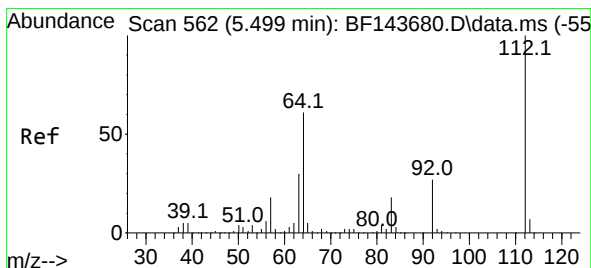
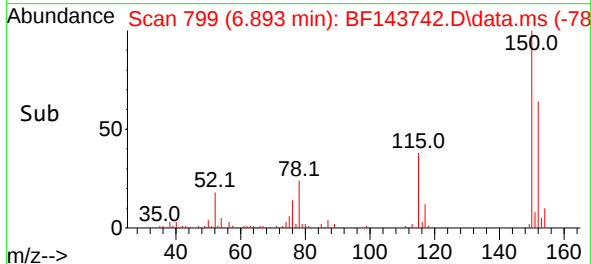
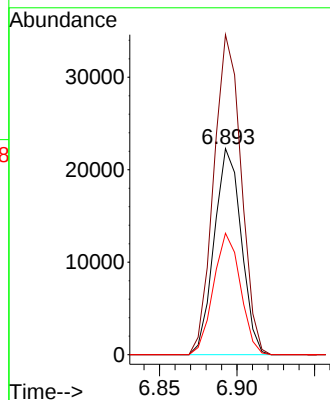
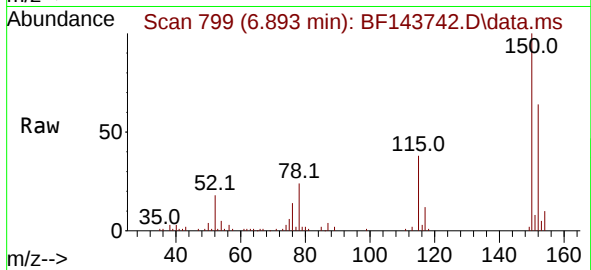




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

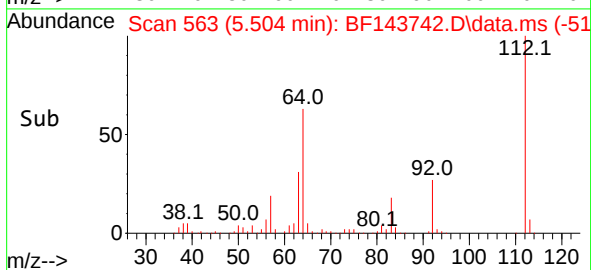
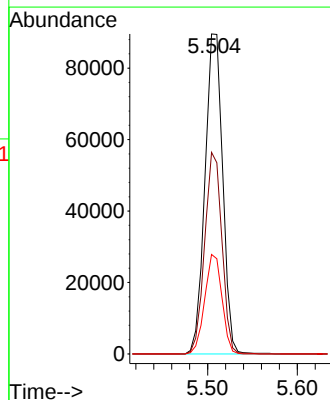
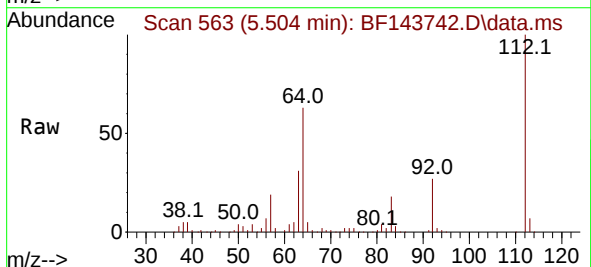
Instrument :
BNA_F
ClientSampleId :
LAW-25-0137

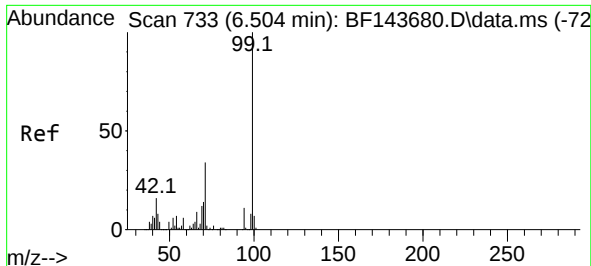
Tgt Ion:152 Resp: 27079
Ion Ratio Lower Upper
152 100
150 155.2 130.7 196.1
115 58.9 45.9 68.9



#5
2-Fluorophenol
Concen: 77.486 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

Tgt Ion:112 Resp: 122981
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 31.1 24.3 36.5





#7

Phenol-d6

Concen: 77.406 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143742.D

Acq: 12 Sep 2025 19:36

Instrument :

BNA_F

ClientSampleId :

LAW-25-0137

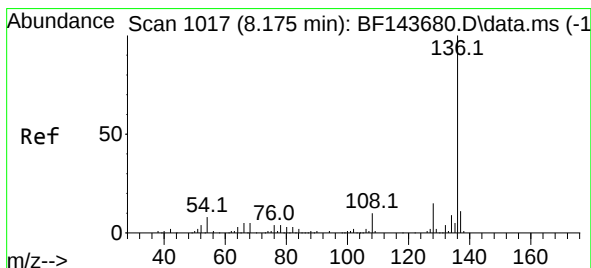
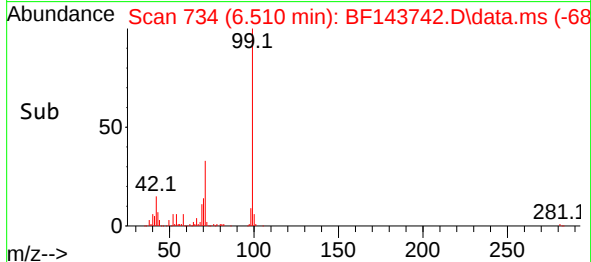
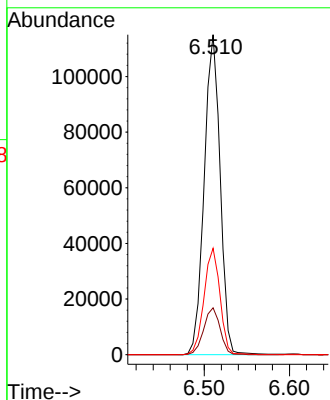
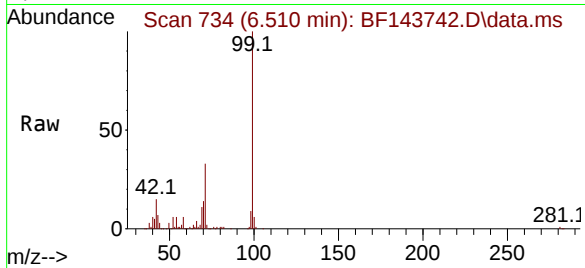
Tgt Ion: 99 Resp: 149589

Ion Ratio Lower Upper

99 100

42 14.7 13.0 19.4

71 33.3 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: BF143742.D

Acq: 12 Sep 2025 19:36

Tgt Ion:136 Resp: 91940

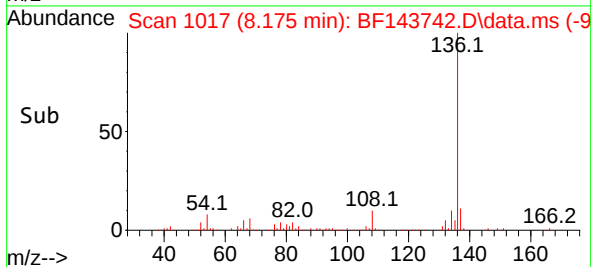
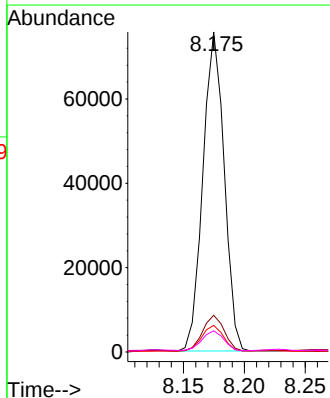
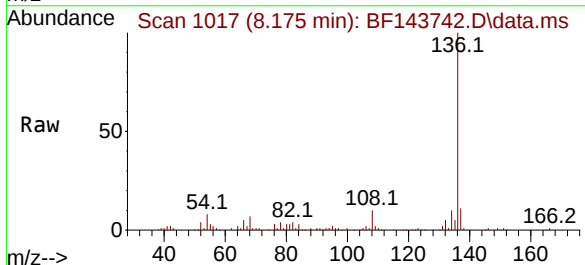
Ion Ratio Lower Upper

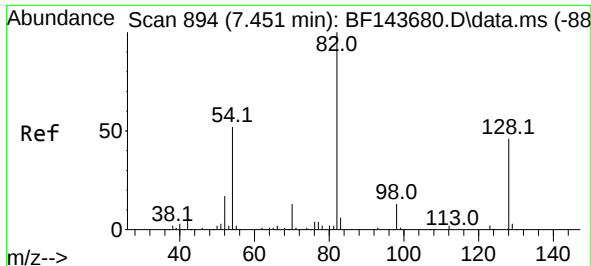
136 100

137 11.4 8.7 13.1

54 8.3 6.2 9.2

68 6.6 4.2 6.4#

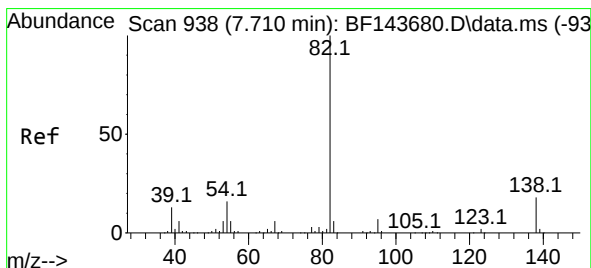
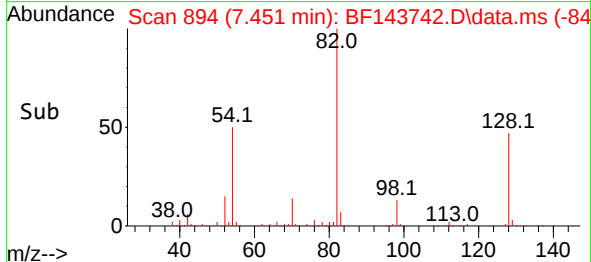
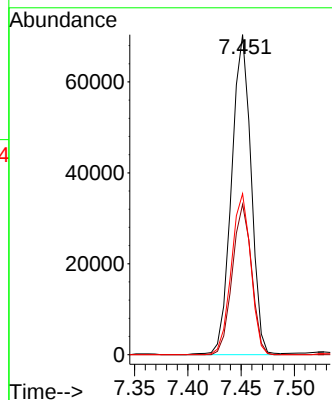
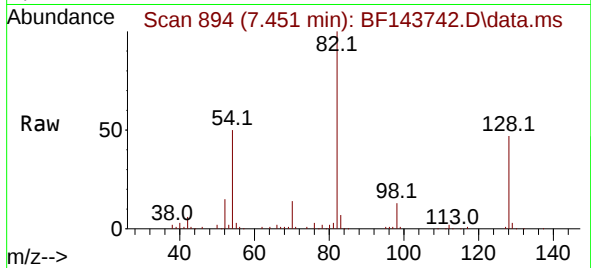




#23
Nitrobenzene-d5
Concen: 60.712 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

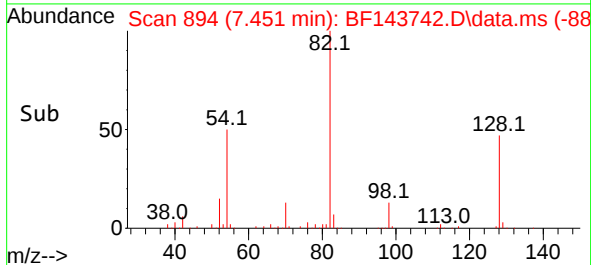
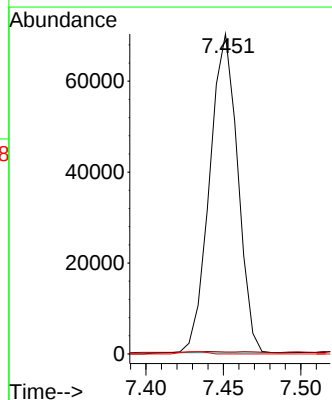
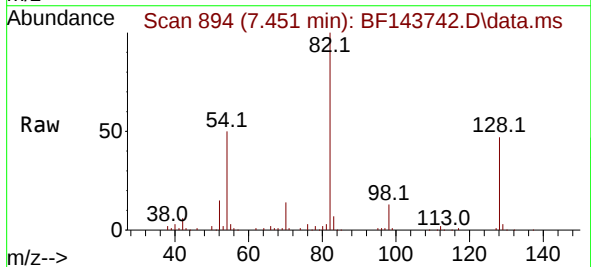
Instrument :
BNA_F
ClientSampleId :
LAW-25-0137

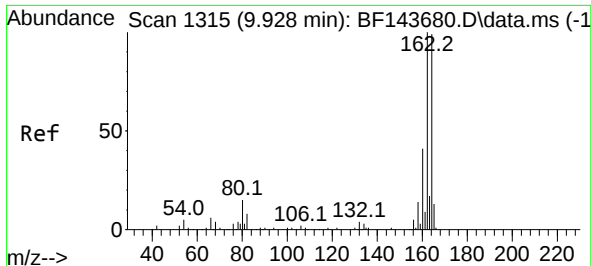
Tgt Ion: 82 Resp: 89739
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 50.3 41.8 62.8



#25
Isophorone
Concen: 31.163 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

Tgt Ion: 82 Resp: 88328
Ion Ratio Lower Upper
82 100
95 0.6 5.7 8.5#
138 0.0 14.8 22.2#

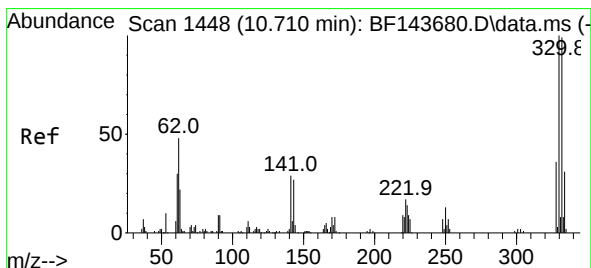
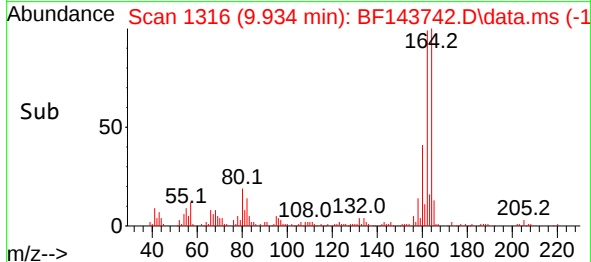
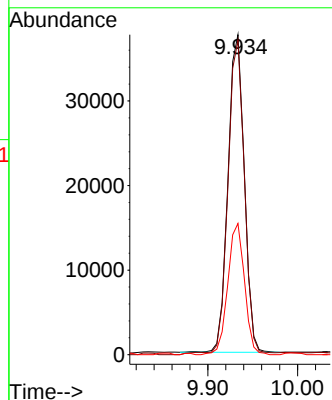
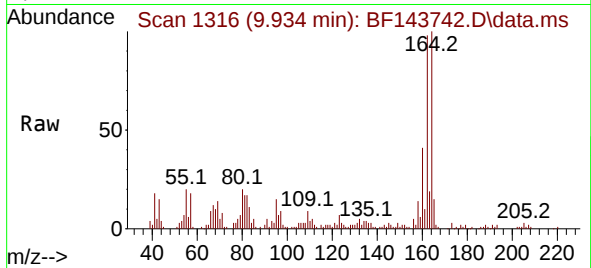




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

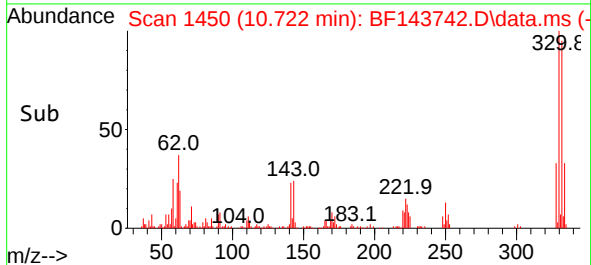
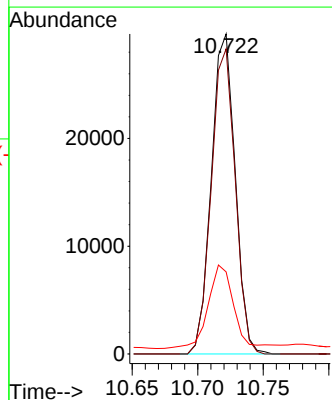
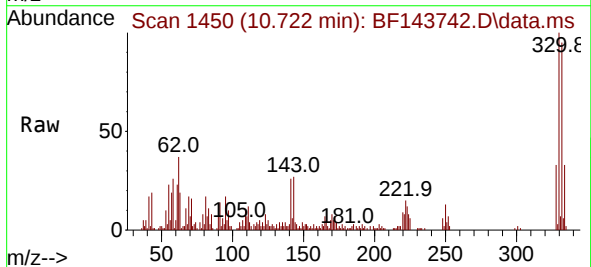
Instrument :
BNA_F
ClientSampleId :
LAW-25-0137

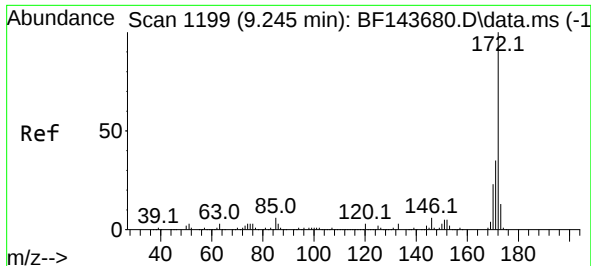
Tgt Ion:164 Resp: 47385
Ion Ratio Lower Upper
164 100
162 98.2 80.6 121.0
160 41.0 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 78.644 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

Tgt Ion:330 Resp: 37555
Ion Ratio Lower Upper
330 100
332 95.4 79.2 118.8
141 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 59.827 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143742.D

Acq: 12 Sep 2025 19:36

Instrument :

BNA_F

ClientSampleId :

LAW-25-0137

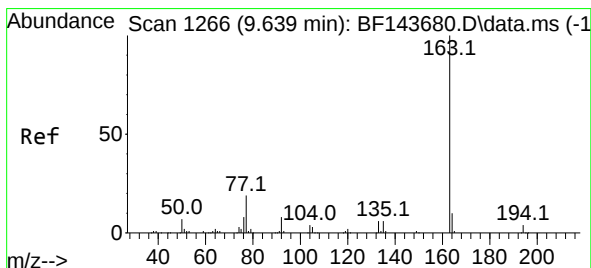
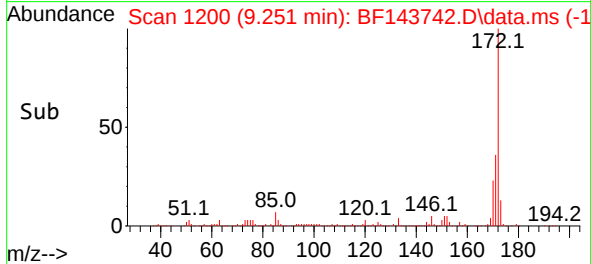
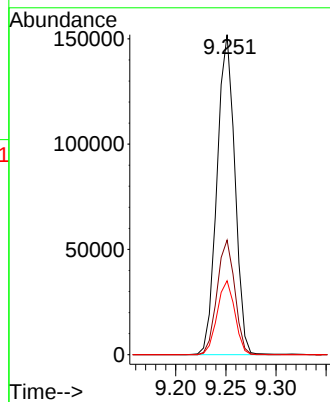
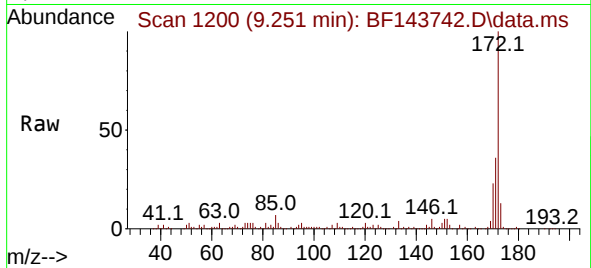
Tgt Ion:172 Resp: 187664

Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 23.1 18.6 27.8



#50

Dimethylphthalate

Concen: 2.774 ng

RT: 9.598 min Scan# 1259

Delta R.T. -0.041 min

Lab File: BF143742.D

Acq: 12 Sep 2025 19:36

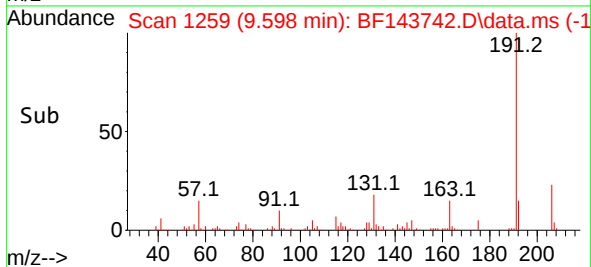
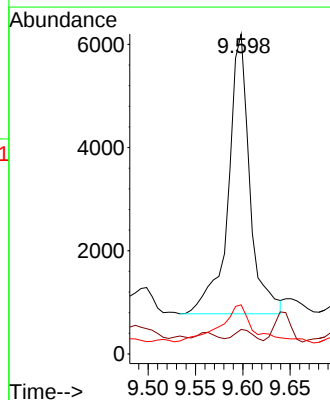
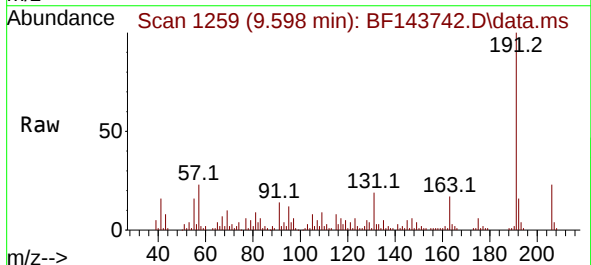
Tgt Ion:163 Resp: 8552

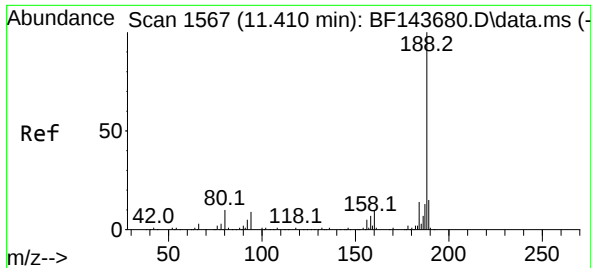
Ion Ratio Lower Upper

163 100

194 7.6 3.4 5.0#

164 15.3 8.0 12.0#

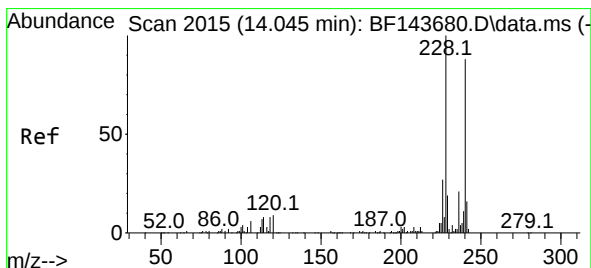
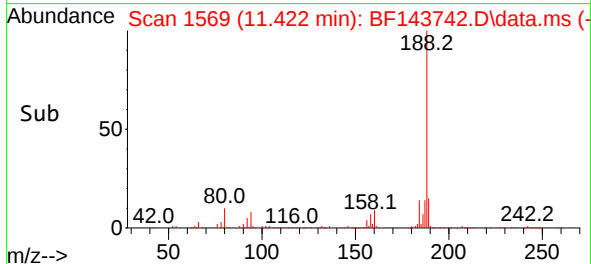
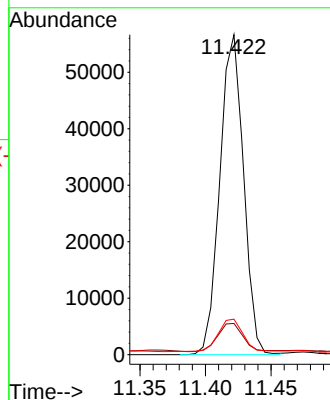
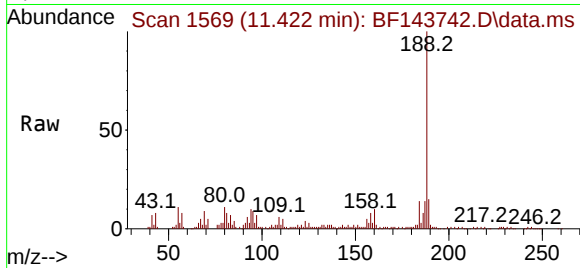




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

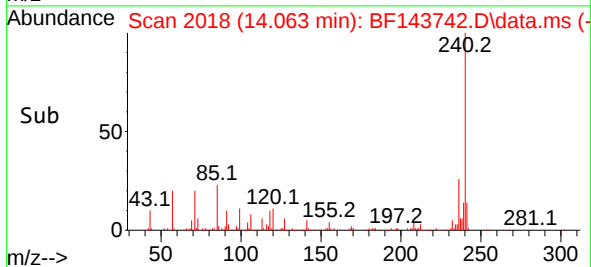
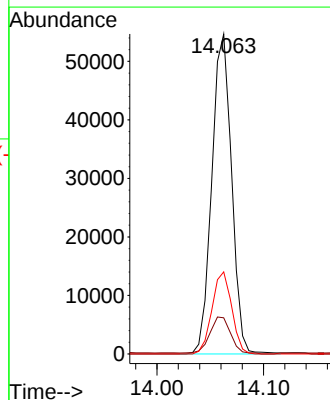
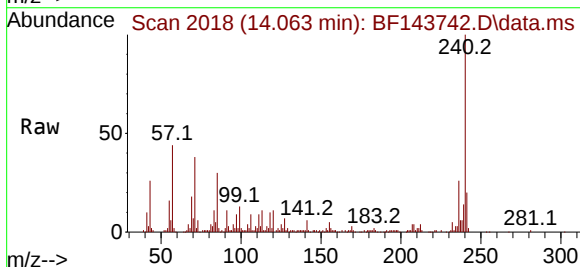
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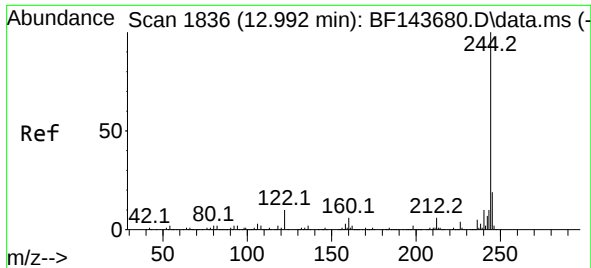
Tgt Ion:188 Resp: 71081
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 11.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143742.D
Acq: 12 Sep 2025 19:36

Tgt Ion:240 Resp: 70341
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 25.6 18.6 28.0

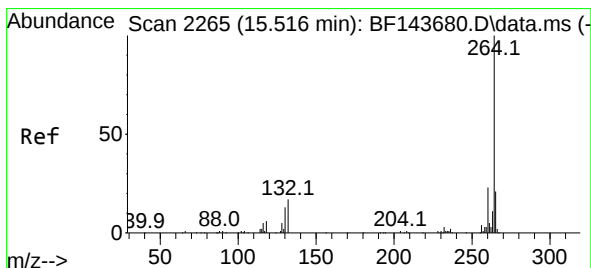
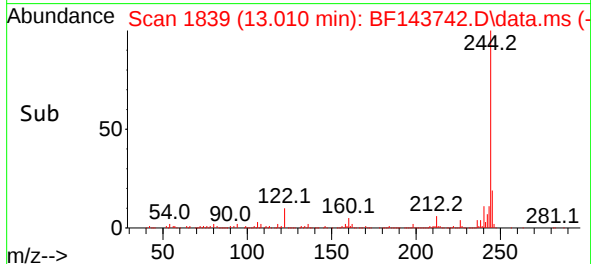
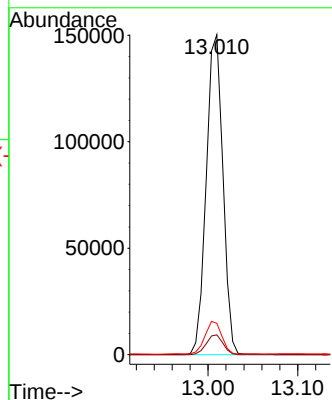
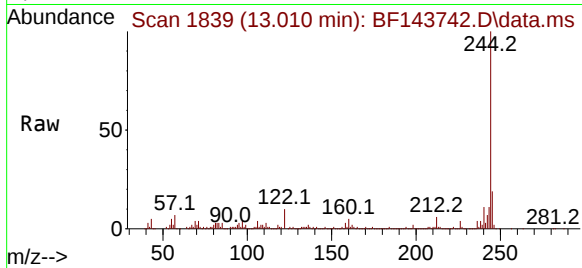




#79
 Terphenyl-d14
 Concen: 44.636 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.018 min
 Lab File: BF143742.D
 Acq: 12 Sep 2025 19:36

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0137

Tgt Ion:244 Resp: 193747
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.029 min
 Lab File: BF143742.D
 Acq: 12 Sep 2025 19:36

Tgt Ion:264 Resp: 67944
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.0 17.1 25.7

