

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144143.D
 Acq On : 29 Oct 2025 22:27
 Operator : RC/JU
 Sample : Q3472-14 50X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 155

Quant Time: Oct 30 03:49:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

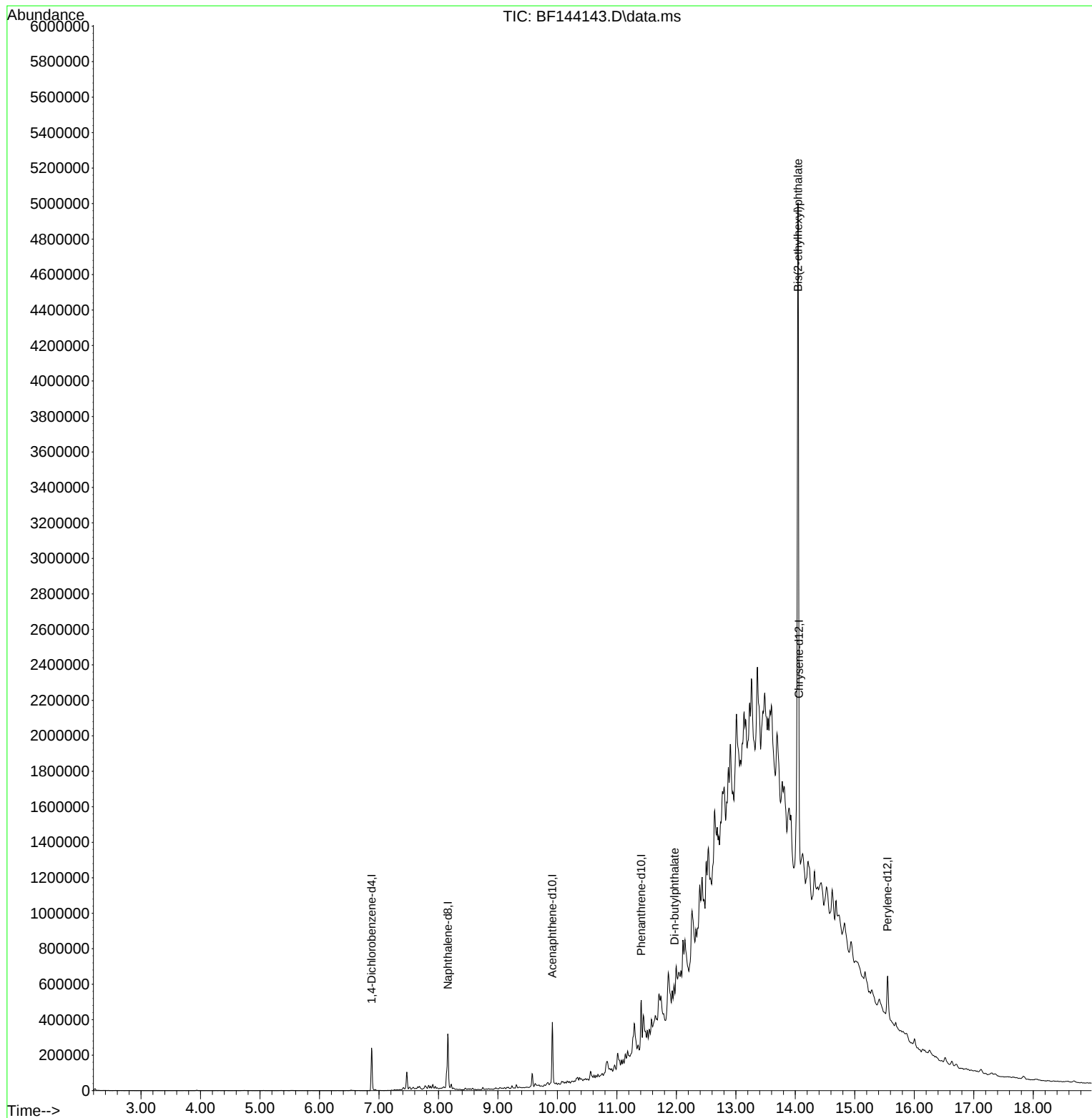
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53936	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	198447	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	105399	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	164955	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	127321	20.000	ng	0.00
86) Perylene-d12	15.551	264	128263	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1221	0.358	ng	0.04
7) Phenol-d6	6.528	99	1847	0.491	ng	0.02
23) Nitrobenzene-d5	7.445	82	2068	0.571	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1015	0.756	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	8880	1.186	ng	0.00
79) Terphenyl-d14	12.998	244	7392	1.015	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.969	149	35956	4.070	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1629220	344.627	ng	# 99

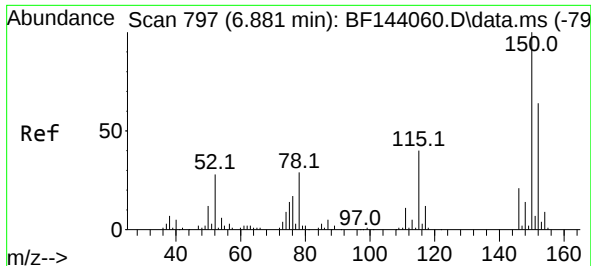
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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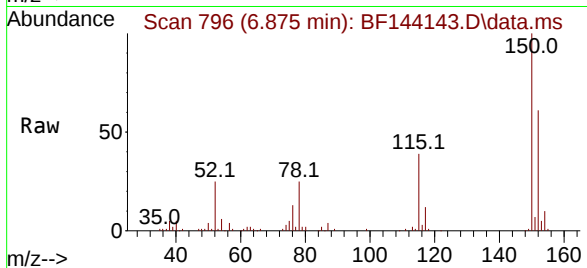
Quant Time: Oct 30 03:49:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
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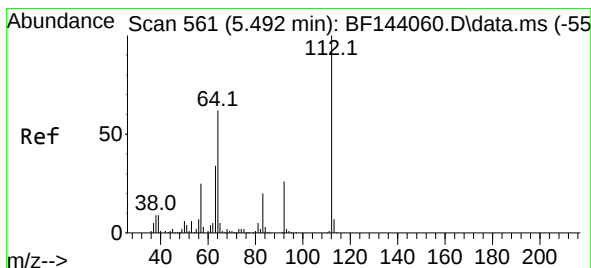
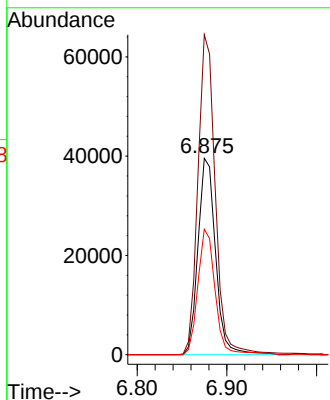
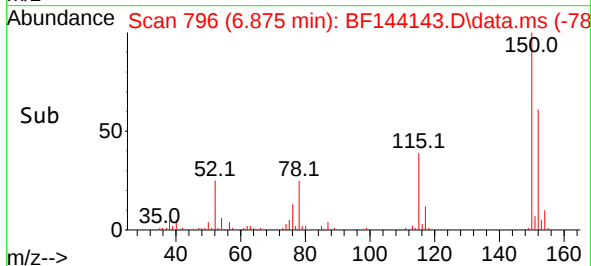


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF144143.D
 Acq: 29 Oct 2025 22:27

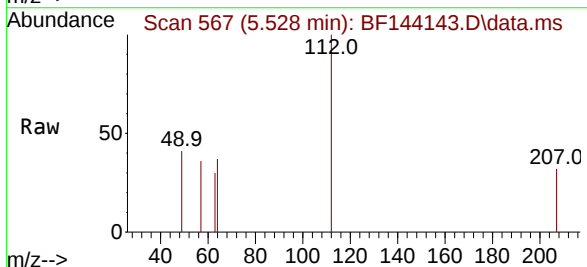
Instrument :
 BNA_F
 ClientSampleId :
 155



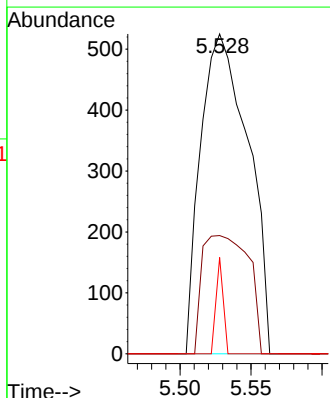
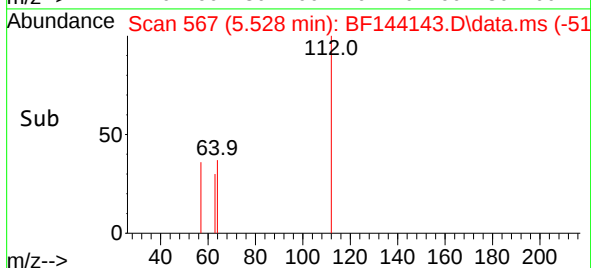
Tgt Ion:152 Resp: 53936
 Ion Ratio Lower Upper
 152 100
 150 162.9 124.4 186.6
 115 63.8 49.4 74.0

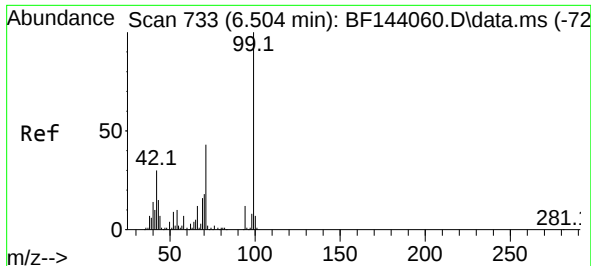


#5
 2-Fluorophenol
 Concen: 0.358 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.035 min
 Lab File: BF144143.D
 Acq: 29 Oct 2025 22:27



Tgt Ion:112 Resp: 1221
 Ion Ratio Lower Upper
 112 100
 64 37.0 49.8 74.8#
 63 30.1 27.4 41.2





#7
Phenol-d6
Concen: 0.491 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.024 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

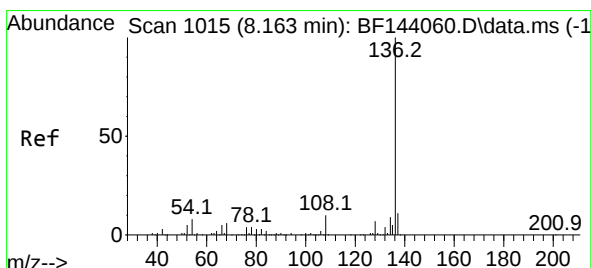
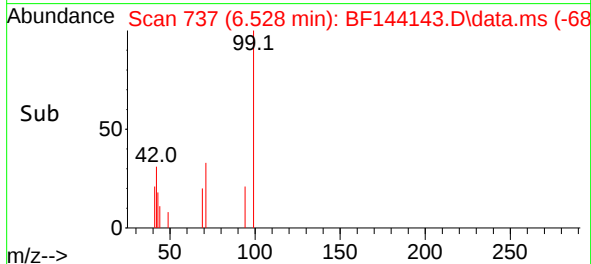
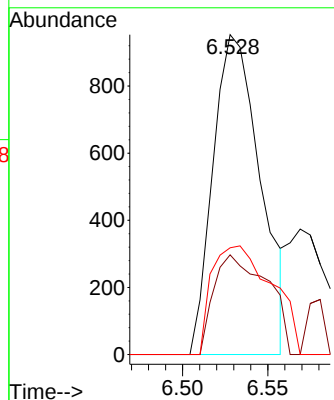
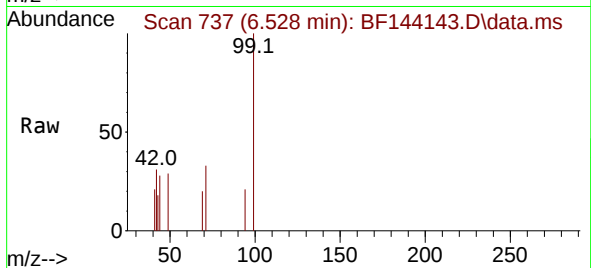
Instrument :

BNA_F

ClientSampleId :

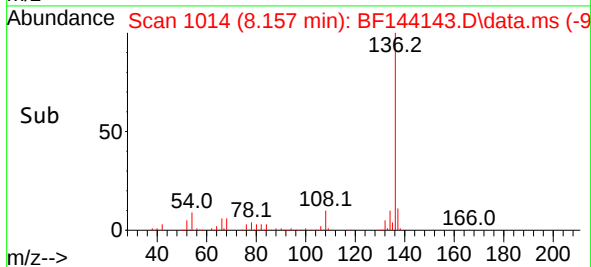
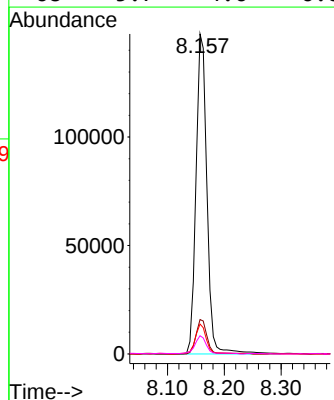
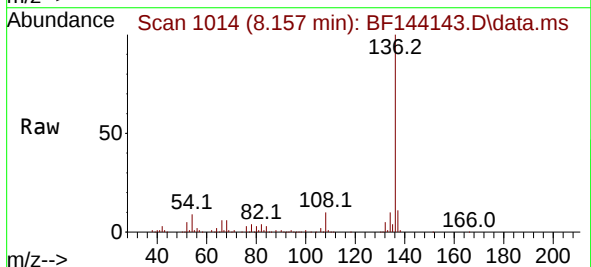
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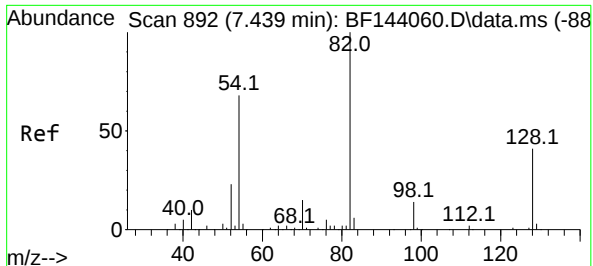
Tgt Ion: 99 Resp: 1847
Ion Ratio Lower Upper
99 100
42 31.2 23.9 35.9
71 33.4 34.4 51.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

Tgt Ion:136 Resp: 198447
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 6.6 9.8
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 0.571 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

Instrument :

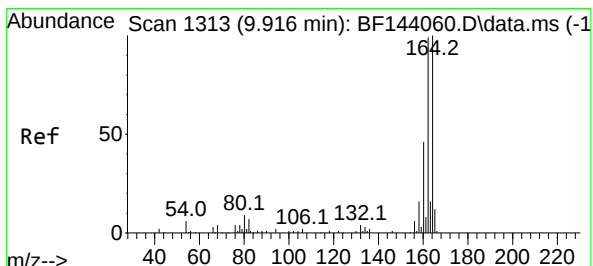
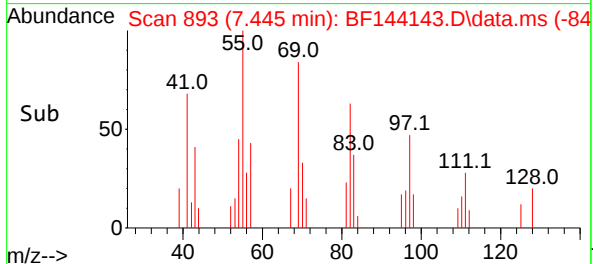
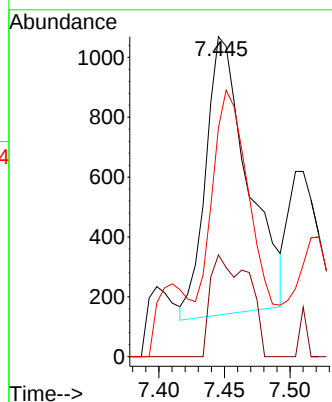
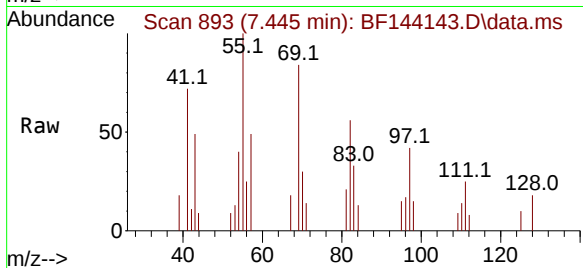
BNA_F

ClientSampleId :

155

Tgt Ion: 82 Resp: 2068

Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.4	48.6#
54	71.6	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

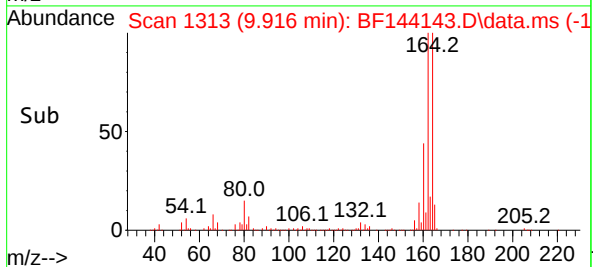
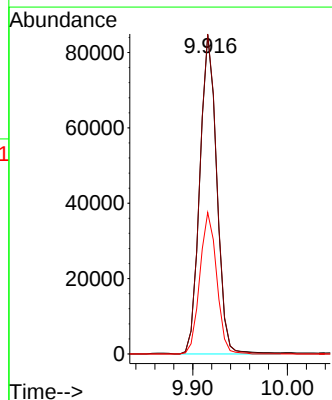
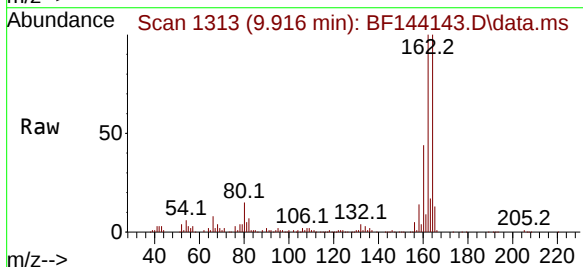
Delta R.T. 0.000 min

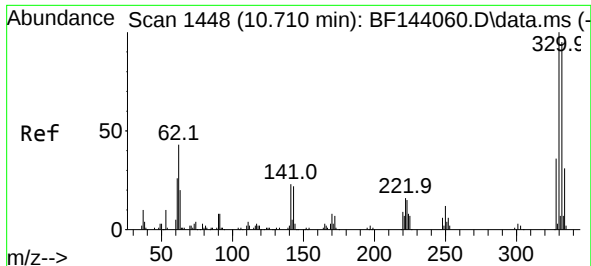
Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

Tgt Ion: 164 Resp: 105399

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.4	119.2
160	44.4	36.7	55.1

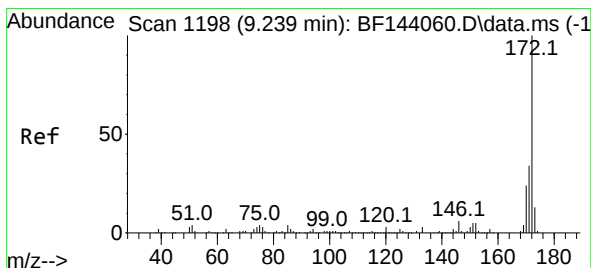
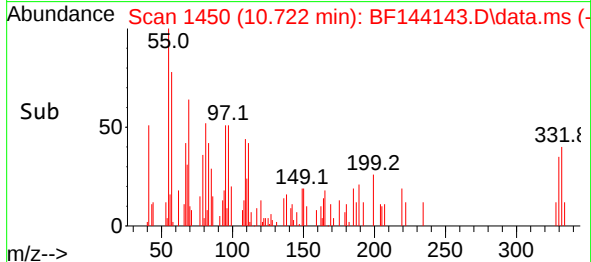
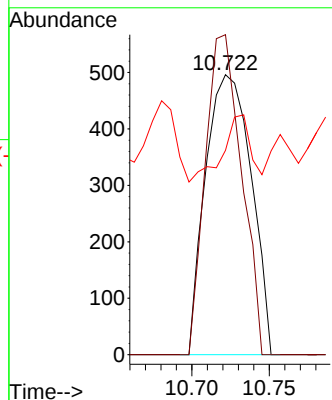
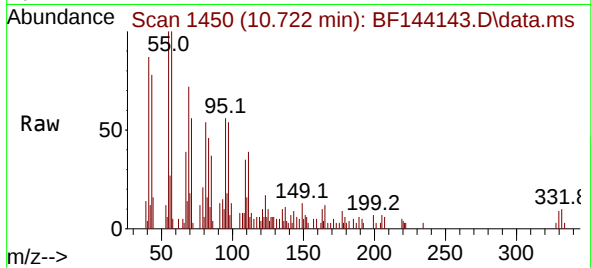




#42
2,4,6-Tribromophenol
Concen: 0.756 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

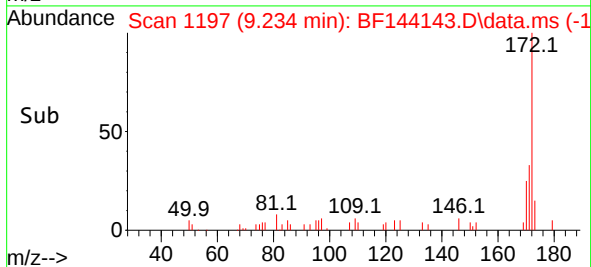
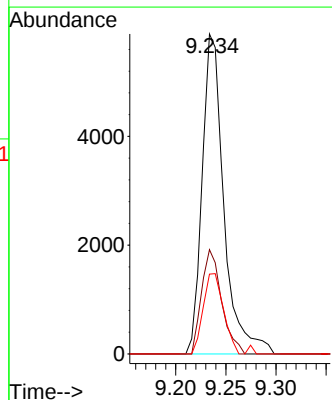
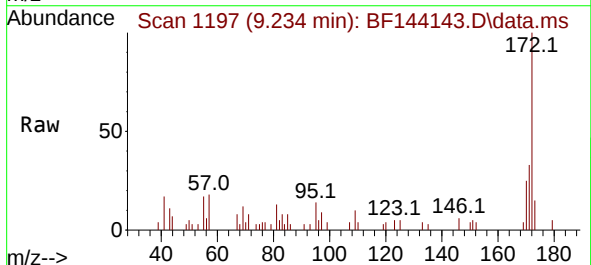
Instrument :
BNA_F
ClientSampleId :
155

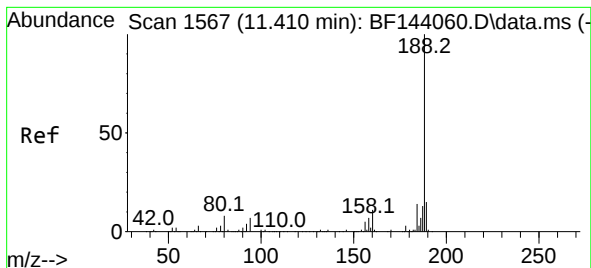
Tgt Ion: 330 Resp: 1015
Ion Ratio Lower Upper
330 100
332 90.4 77.0 115.6
141 10.5 19.4 29.0#



#45
2-Fluorobiphenyl
Concen: 1.186 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

Tgt Ion: 172 Resp: 8880
Ion Ratio Lower Upper
172 100
171 32.6 27.5 41.3
170 24.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

Instrument :

BNA_F

ClientSampleId :

155

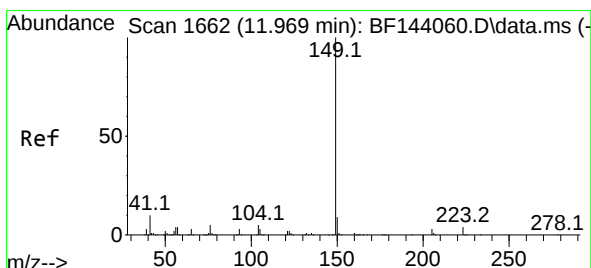
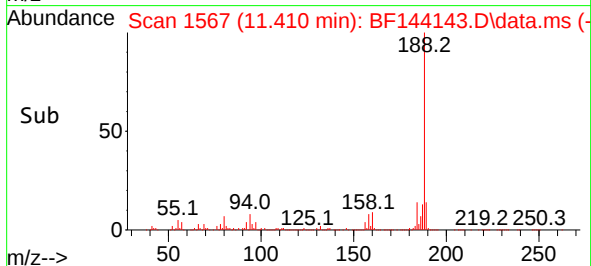
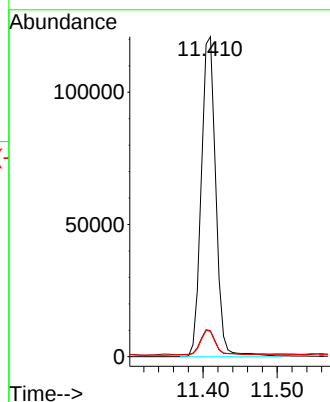
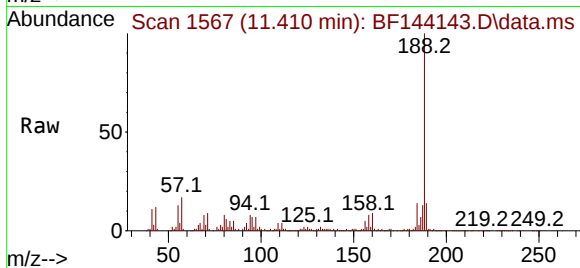
Tgt Ion:188 Resp: 164955

Ion Ratio Lower Upper

188 100

94 8.1 5.4 8.0#

80 7.9 6.0 9.0



#74

Di-n-butylphthalate

Concen: 4.070 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

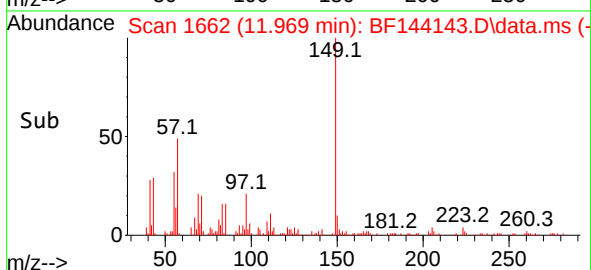
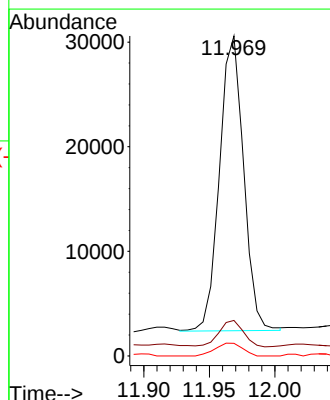
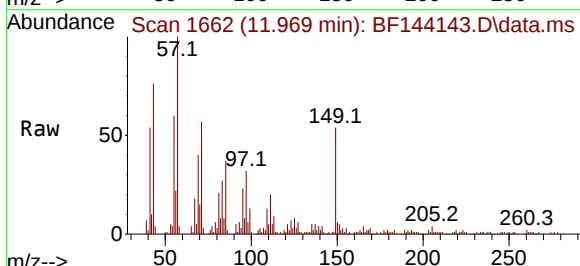
Tgt Ion:149 Resp: 35956

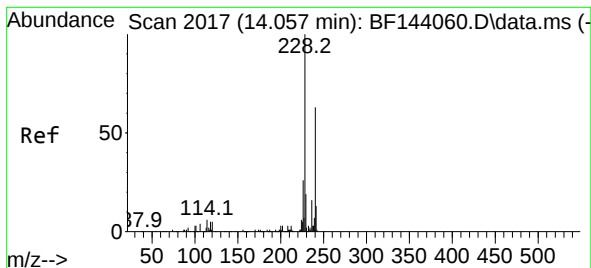
Ion Ratio Lower Upper

149 100

150 11.1 7.3 10.9#

104 3.9 3.6 5.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

Instrument :

BNA_F

ClientSampleId :

155

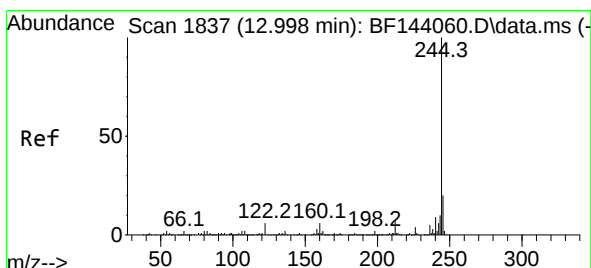
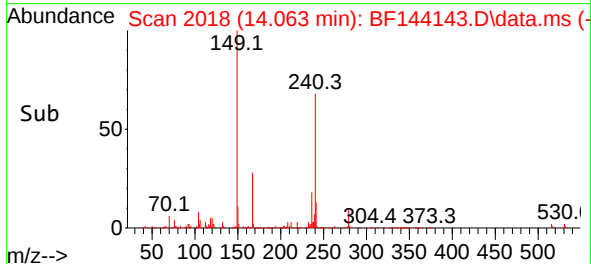
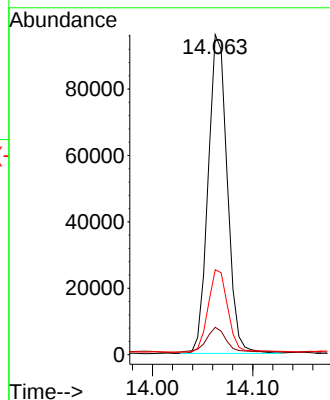
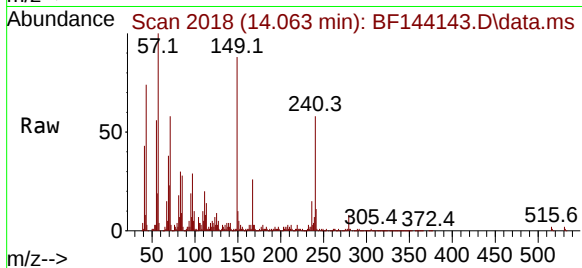
Tgt Ion:240 Resp: 127321

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 26.6 20.1 30.1



#79

Terphenyl-d14

Concen: 1.015 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144143.D

Acq: 29 Oct 2025 22:27

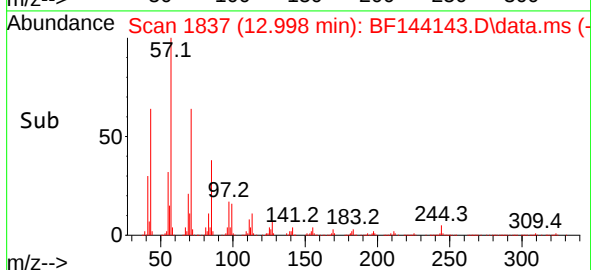
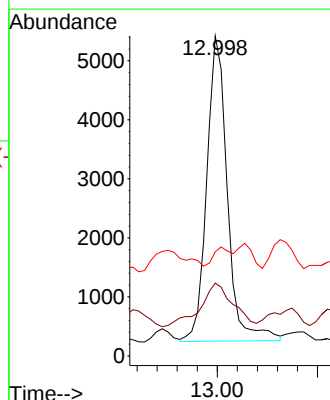
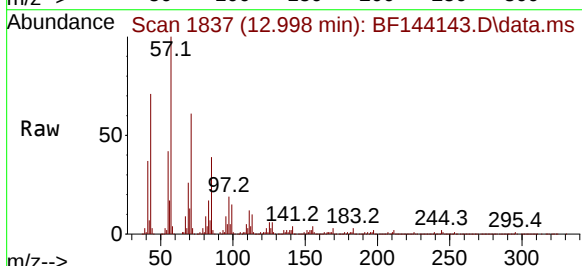
Tgt Ion:244 Resp: 7392

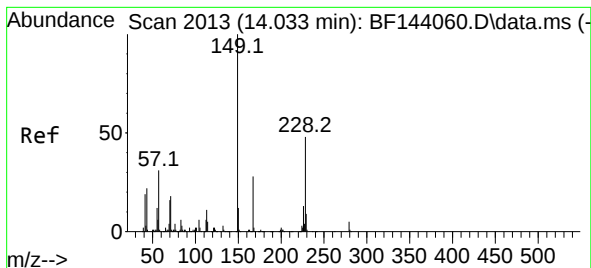
Ion Ratio Lower Upper

244 100

212 22.8 5.8 8.6#

122 32.5 4.9 7.3#

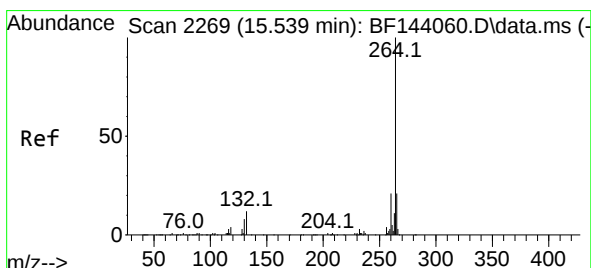
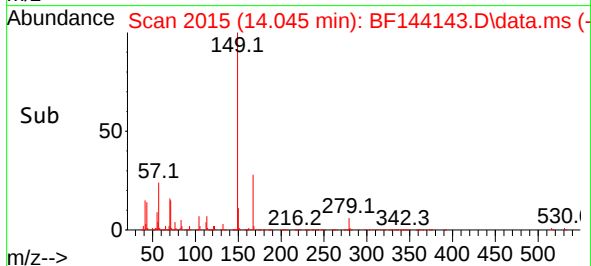
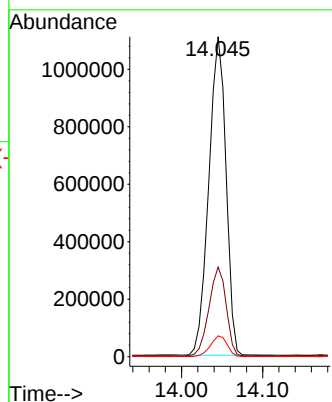
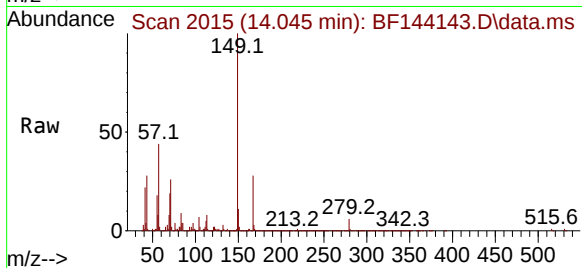




#84
Bis(2-ethylhexyl)phthalate
Concen: 344.627 ng
RT: 14.045 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

Instrument :
BNA_F
ClientSampleId :
155

Tgt Ion:149 Resp: 1629220
Ion Ratio Lower Upper
149 100
167 28.0 22.5 33.7
279 6.5 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF144143.D
Acq: 29 Oct 2025 22:27

Tgt Ion:264 Resp: 128263
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 20.8 16.6 24.8

