

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144138.D
 Acq On : 29 Oct 2025 20:00
 Operator : RC/JU
 Sample : Q3472-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Oct 30 02:22:09 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)

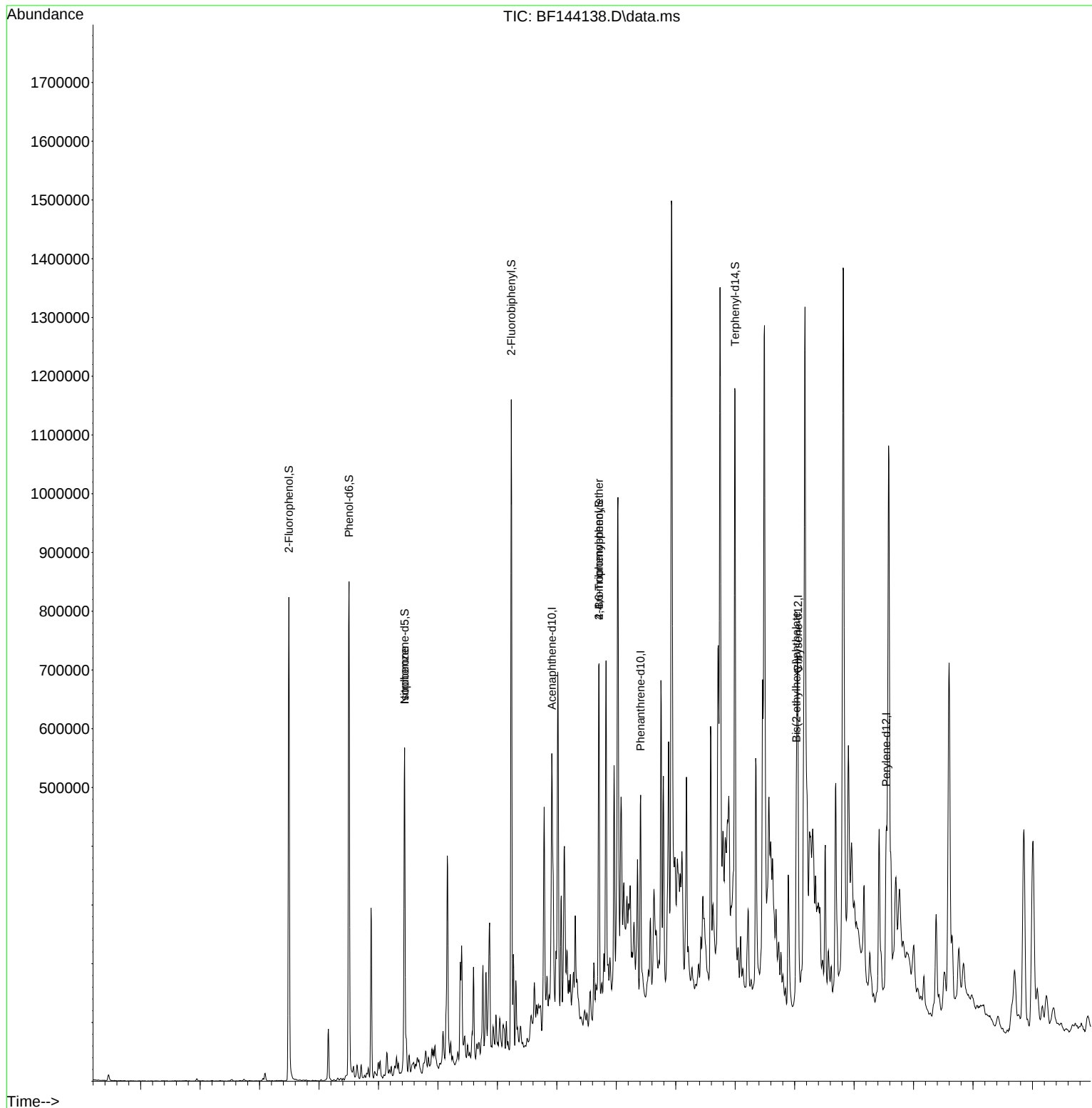
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60930	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	220201	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	115186	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	183701	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159332	20.000	ng	0.00
86) Perylene-d12	15.539	264	143309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	317782	82.515	ng	0.00
7) Phenol-d6	6.504	99	364249	85.641	ng	0.00
23) Nitrobenzene-d5	7.440	82	226321	56.310	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	117048	79.774	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	487773	59.591	ng	0.00
79) Terphenyl-d14	12.998	244	513958	56.392	ng	0.00
Target Compounds						
25) Isophorone	7.440	82	224179	31.903	ng	# 66
35) Caprolactam	8.598	113	4889	5.578	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	6900	3.000	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.027	149	87241	14.746	ng	99

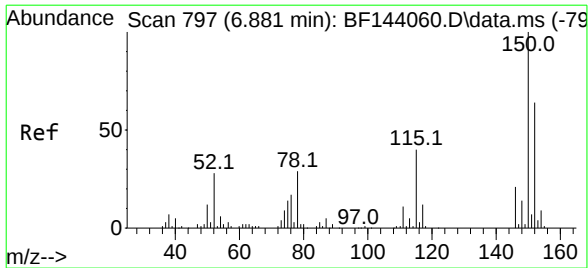
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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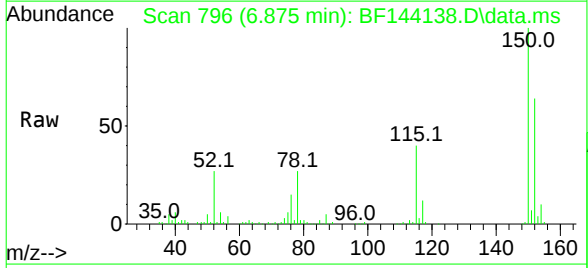
Quant Time: Oct 30 02:22:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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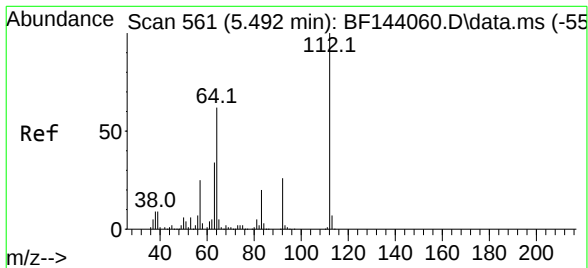
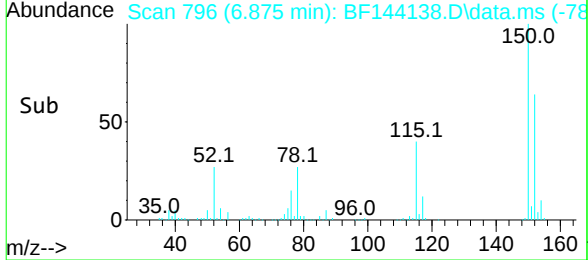
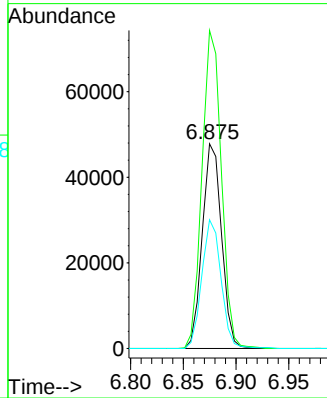


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

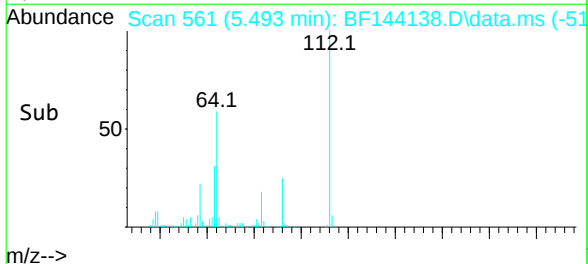
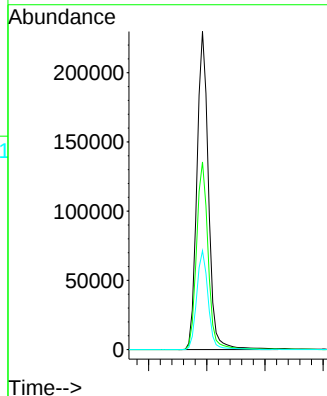
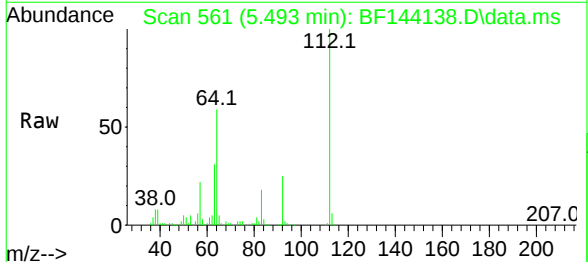


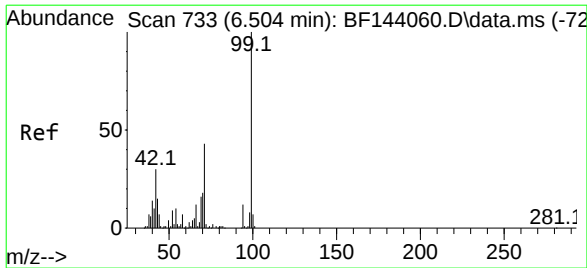
Tgt Ion:152 Resp: 60930
Ion Ratio Lower Upper
152 100
150 155.4 124.4 186.6
115 62.9 49.4 74.0



#5
2-Fluorophenol
Concen: 82.515 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Tgt Ion:112 Resp: 317782
Ion Ratio Lower Upper
112 100
64 59.0 49.8 74.8
63 31.1 27.4 41.2

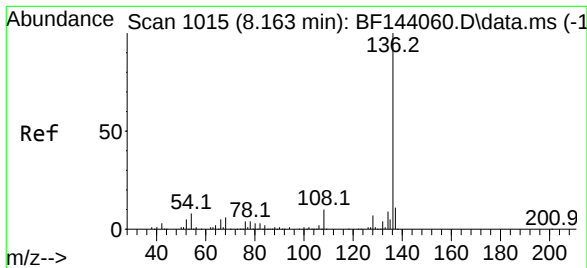
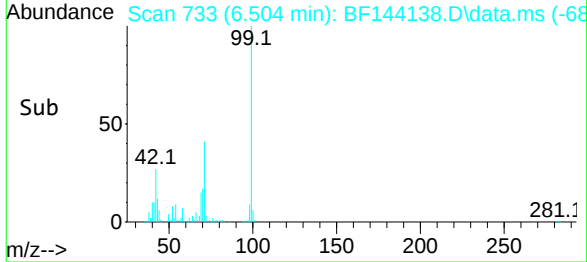
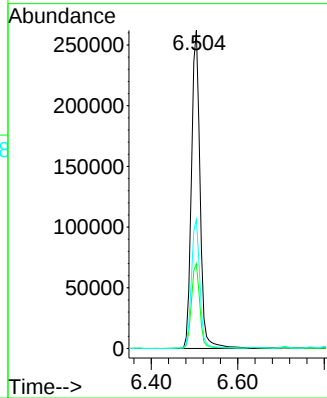
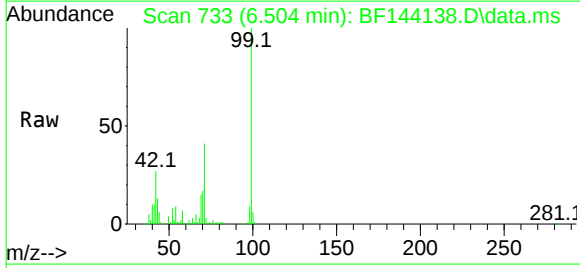




#7
Phenol-d6
Concen: 85.641 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

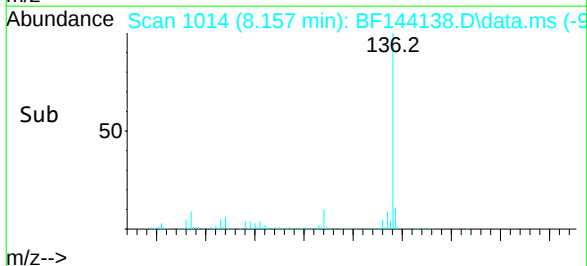
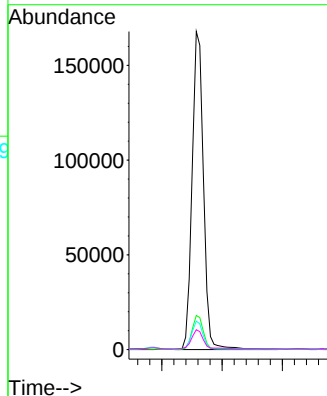
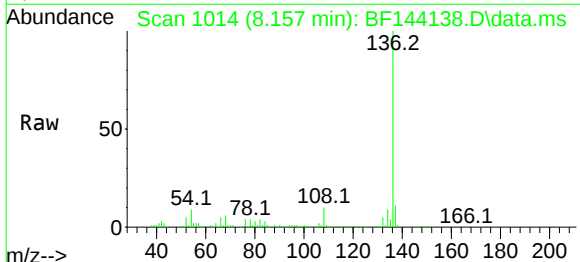
Instrument :
BNA_F
ClientSampleId :
COMP-1

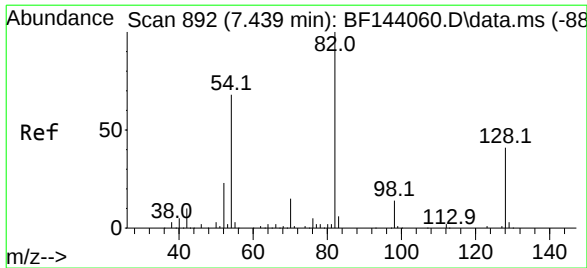
Tgt Ion: 99 Resp: 364249
Ion Ratio Lower Upper
99 100
42 26.6 23.9 35.9
71 40.5 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Tgt Ion: 136 Resp: 220201
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 6.6 9.8
68 6.3 4.6 6.8

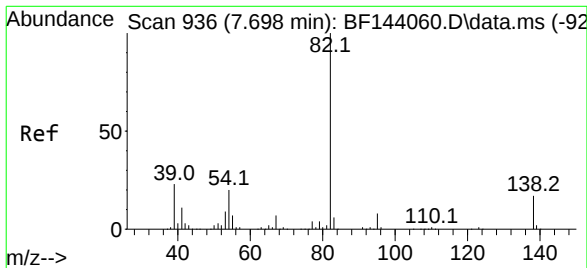
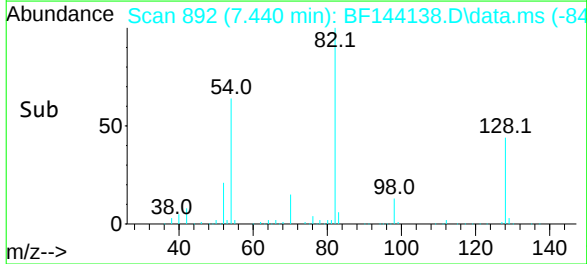
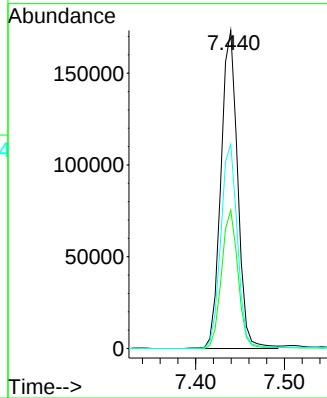
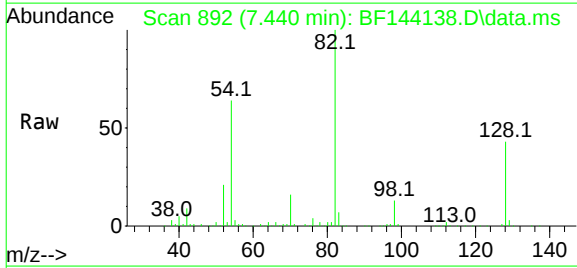




#23
Nitrobenzene-d5
Concen: 56.310 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

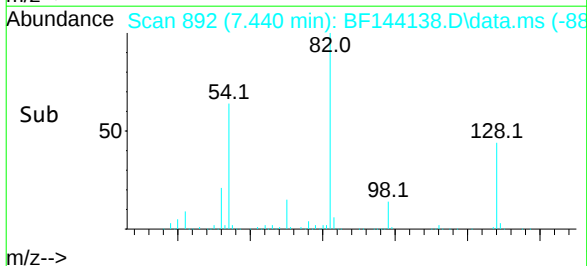
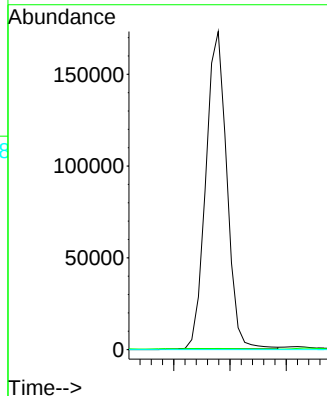
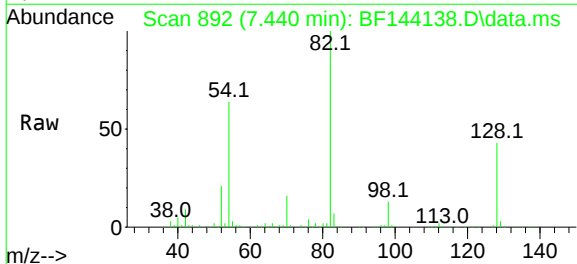
Instrument :
BNA_F
ClientSampleId :
COMP-1

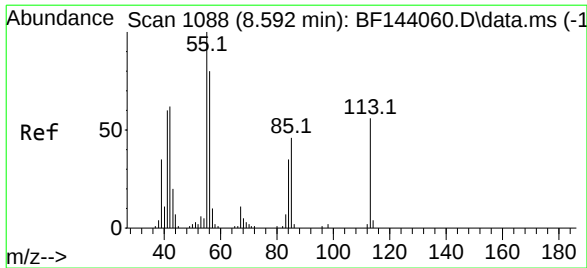
Tgt Ion: 82 Resp: 226321
Ion Ratio Lower Upper
82 100
128 43.5 32.4 48.6
54 64.2 54.0 81.0



#25
Isophorone
Concen: 31.903 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Tgt Ion: 82 Resp: 224179
Ion Ratio Lower Upper
82 100
95 0.4 6.6 9.8#
138 0.0 13.8 20.8#





#35

Caprolactam

Concen: 5.578 ng

RT: 8.598 min Scan# 1088

Delta R.T. 0.006 min

Lab File: BF144138.D

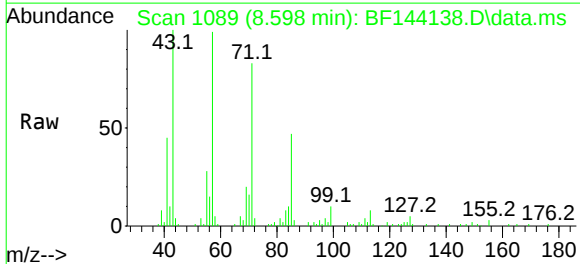
Acq: 29 Oct 2025 20:00

Instrument :

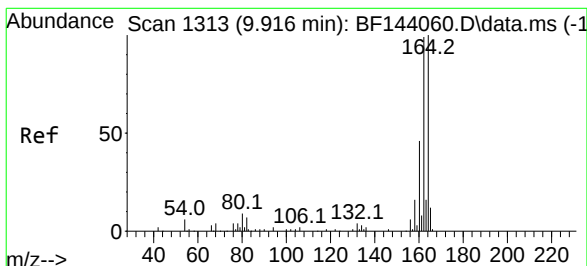
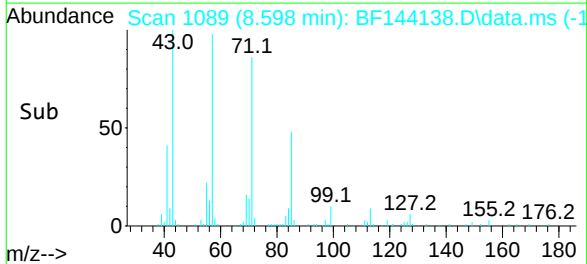
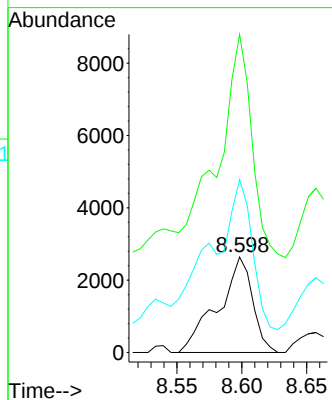
BNA_F

ClientSampleId :

COMP-1



Tgt Ion:	113	Resp:	4889
Ion	Ratio	Lower	Upper
113	100		
55	333.3	160.1	200.1#
56	181.1	124.9	164.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

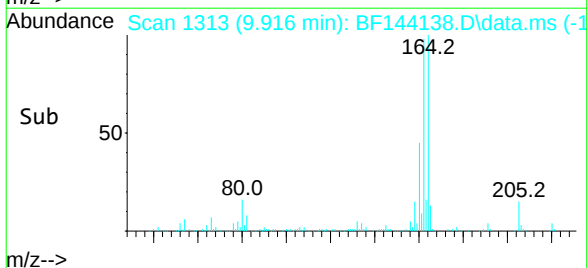
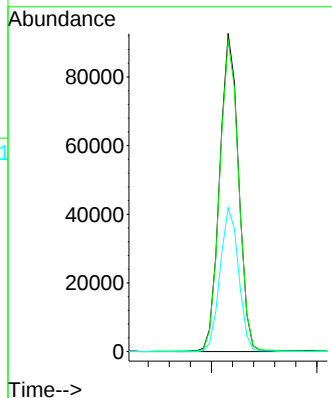
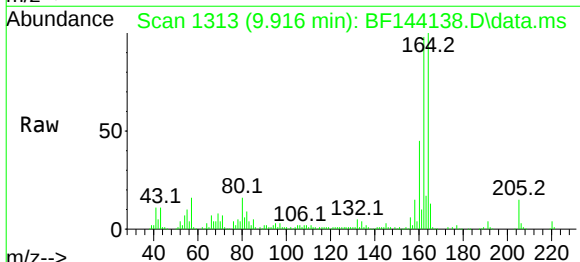
RT: 9.916 min Scan# 1313

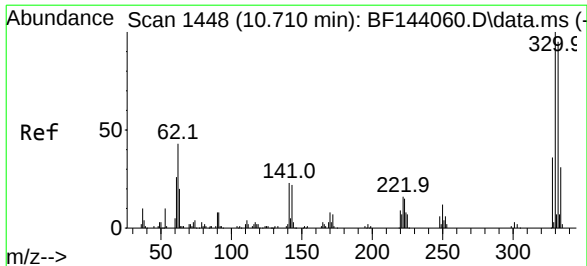
Delta R.T. 0.000 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

Tgt Ion:	164	Resp:	115186
Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.4	119.2
160	45.2	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 79.774 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144138.D

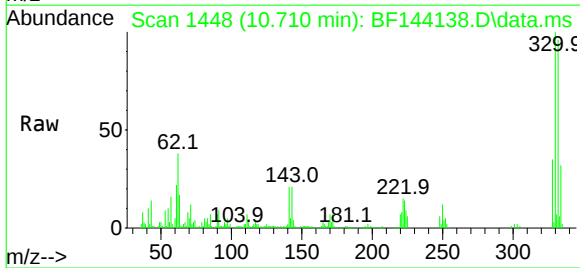
Acq: 29 Oct 2025 20:00

Instrument :

BNA_F

ClientSampleId :

COMP-1



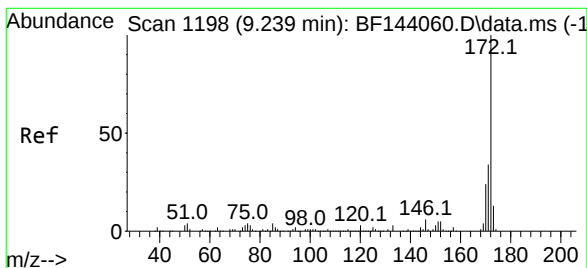
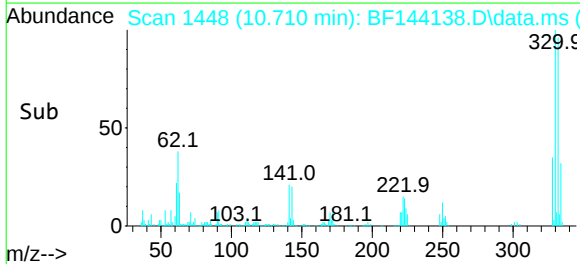
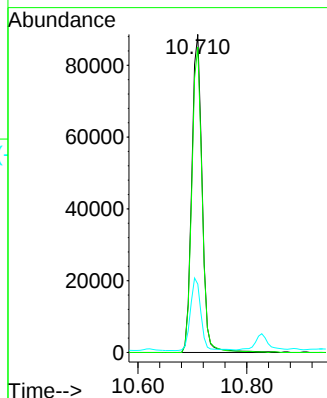
Tgt Ion:330 Resp: 117048

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 23.3 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 59.591 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

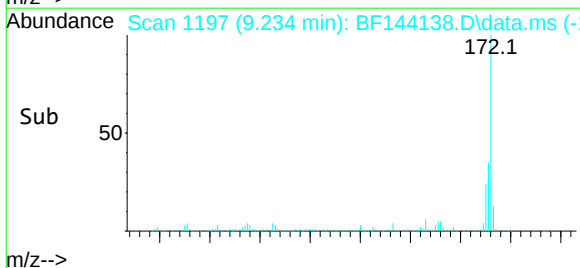
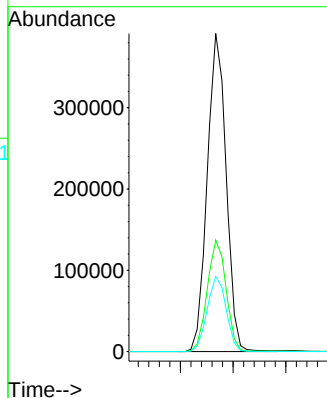
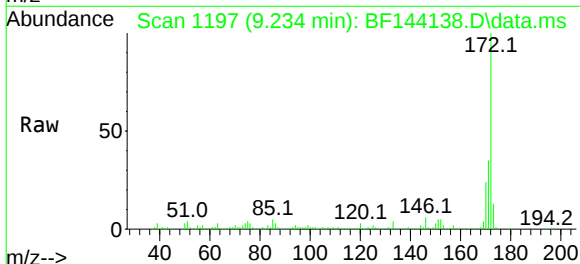
Tgt Ion:172 Resp: 487773

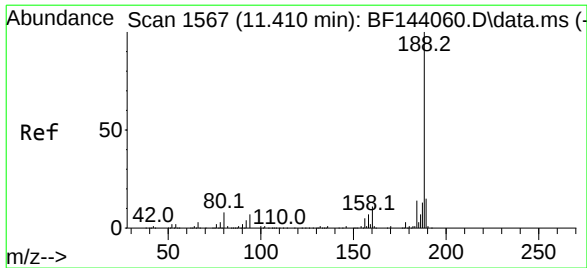
Ion Ratio Lower Upper

172 100

171 35.1 27.5 41.3

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

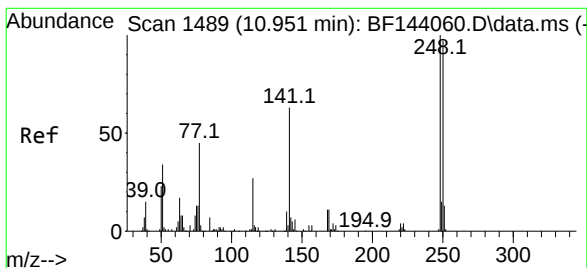
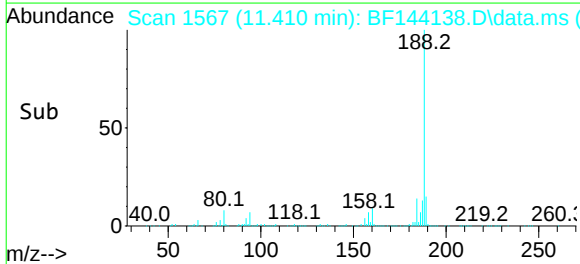
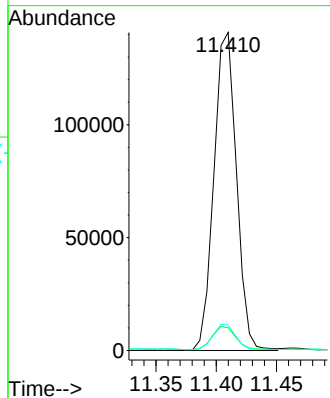
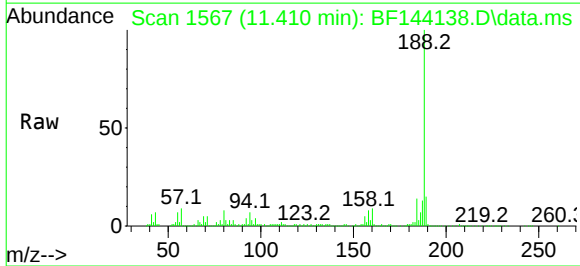
Tgt Ion:188 Resp: 183701

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

80 8.0 6.0 9.0



#67

4-Bromophenyl-phenylether

Concen: 3.000 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

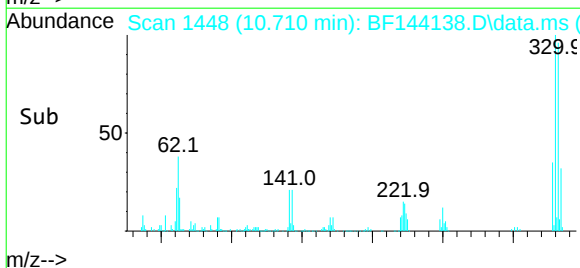
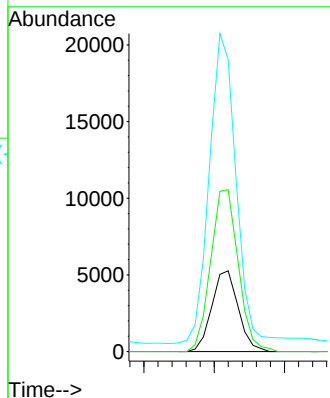
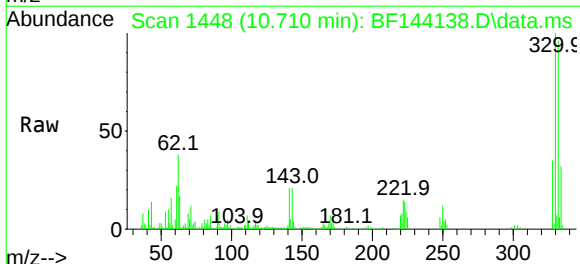
Tgt Ion:248 Resp: 6900

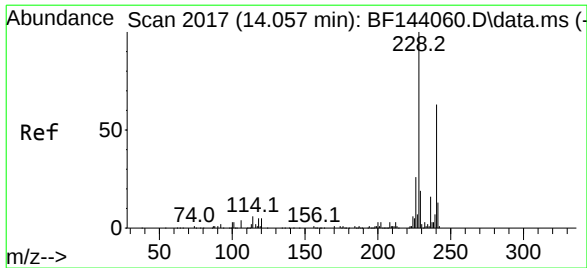
Ion Ratio Lower Upper

248 100

250 200.5 77.8 116.6#

141 361.7 50.5 75.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

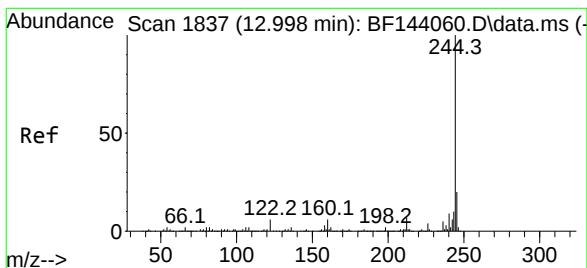
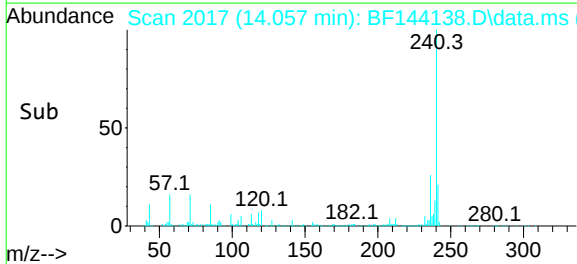
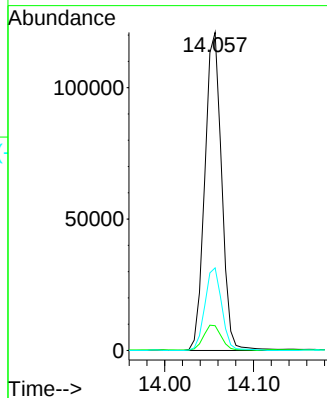
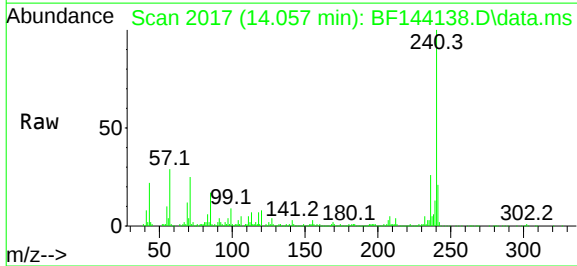
Tgt Ion:240 Resp: 159332

Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 26.0 20.1 30.1



#79

Terphenyl-d14

Concen: 56.392 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144138.D

Acq: 29 Oct 2025 20:00

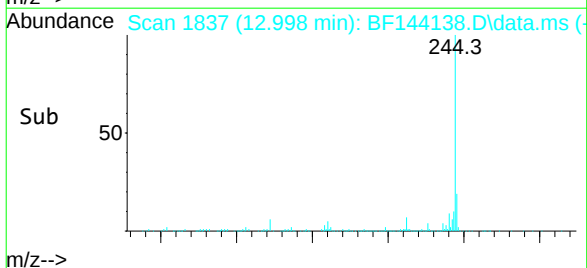
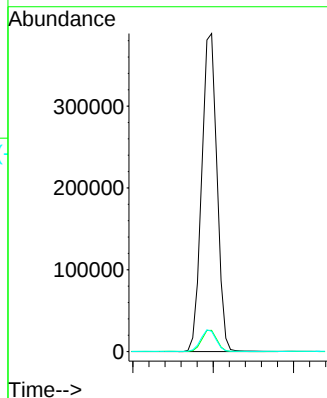
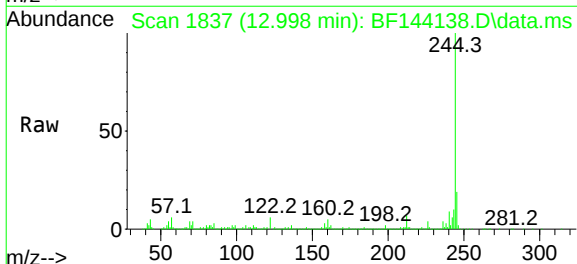
Tgt Ion:244 Resp: 513958

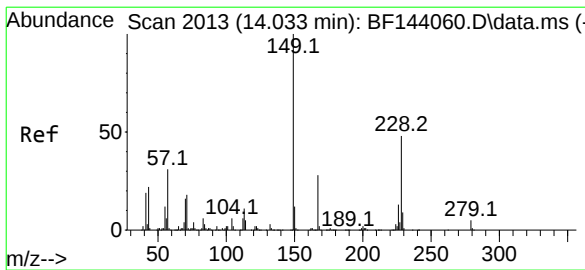
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.4 4.9 7.3

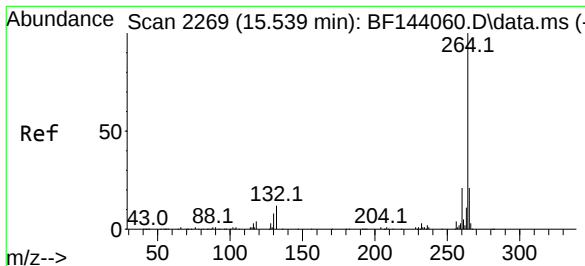
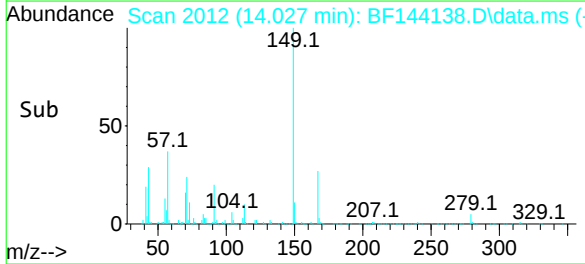
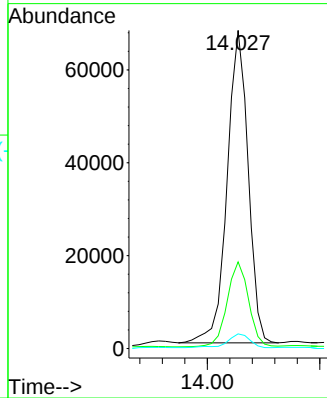
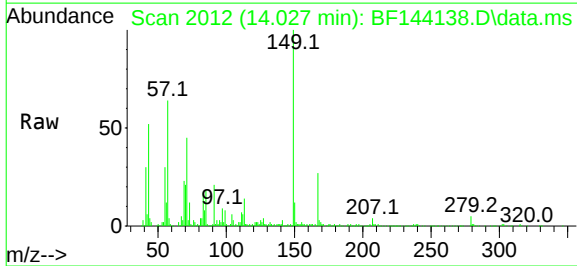




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.746 ng
RT: 14.027 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 87241
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.6 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144138.D
Acq: 29 Oct 2025 20:00

Tgt Ion:264 Resp: 143309
Ion Ratio Lower Upper
264 100
260 21.7 17.0 25.4
265 21.2 16.6 24.8

