

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144142.D
 Acq On : 29 Oct 2025 21:57
 Operator : RC/JU
 Sample : Q3472-12 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Oct 30 02:23:27 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)

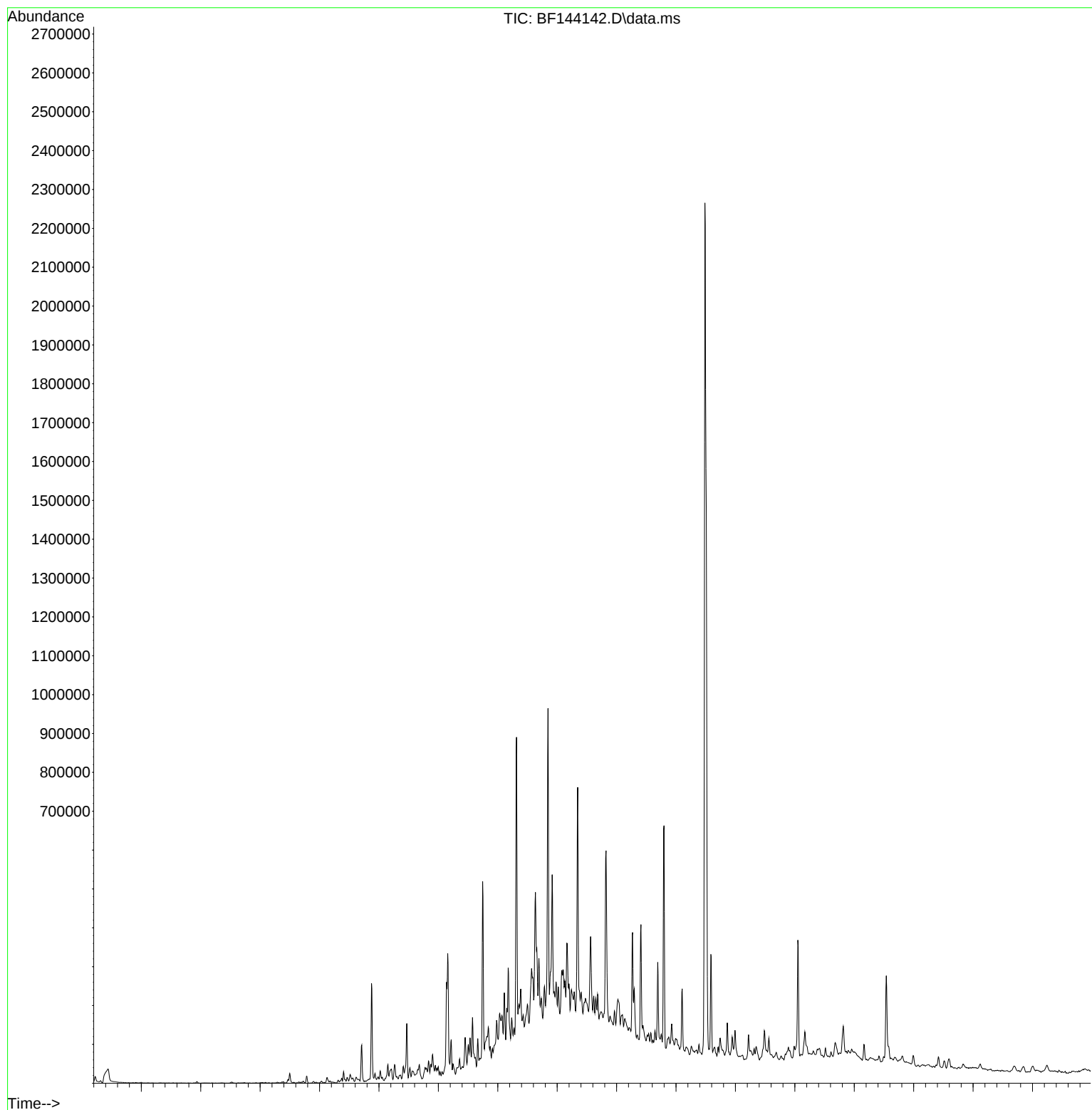
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51227	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	185855	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	92207	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	154582	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155826	20.000	ng	0.00
86) Perylene-d12	15.539	264	143277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	11690	3.610	ng	0.00
7) Phenol-d6	6.516	99	13622	3.809	ng	0.01
23) Nitrobenzene-d5	7.439	82	8455	2.492	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	3819	3.251	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	22485	3.432	ng	0.00
79) Terphenyl-d14	12.992	244	26284	2.949	ng	0.00
Target Compounds						
35) Caprolactam	8.575	113	3199	4.324	ng	Qvalue # 1

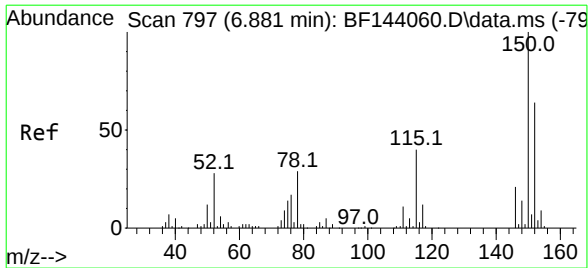
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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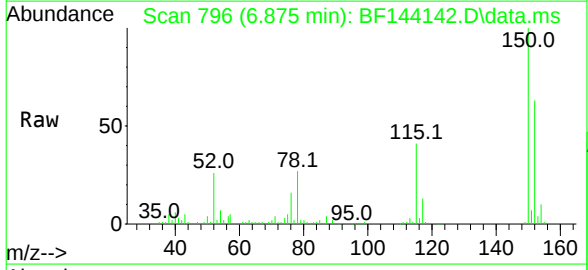
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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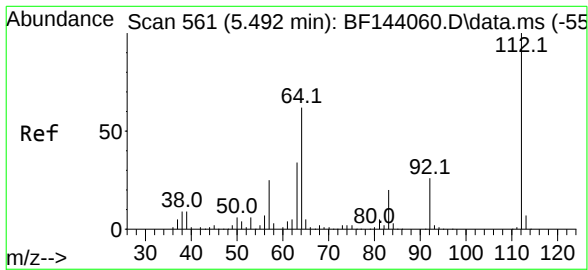
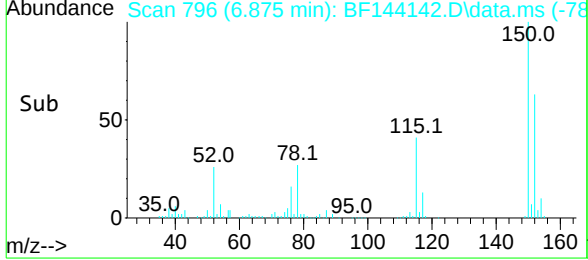
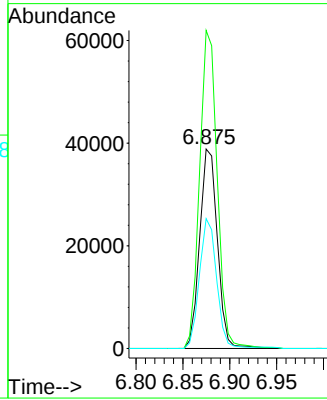


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144142.D
 Acq: 29 Oct 2025 21:57

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

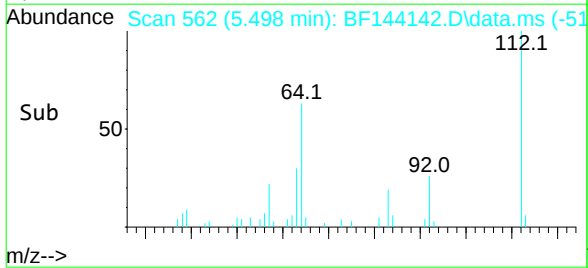
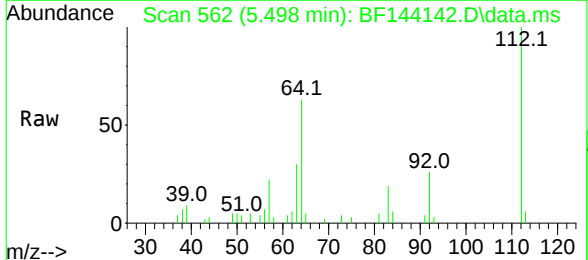
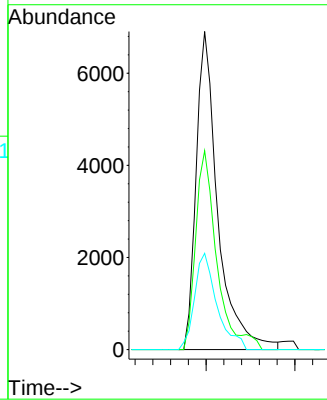


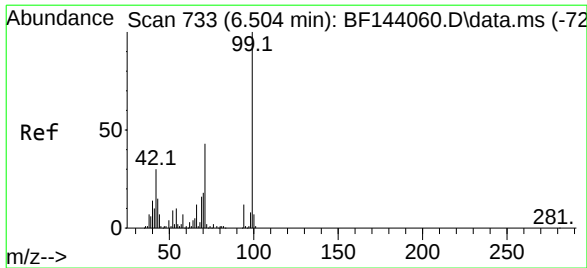
Tgt Ion:	152	Resp:	51227
Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.4	186.6
115	65.1	49.4	74.0



#5
 2-Fluorophenol
 Concen: 3.610 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144142.D
 Acq: 29 Oct 2025 21:57

Tgt Ion:	112	Resp:	11690
Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.8	74.8
63	30.3	27.4	41.2

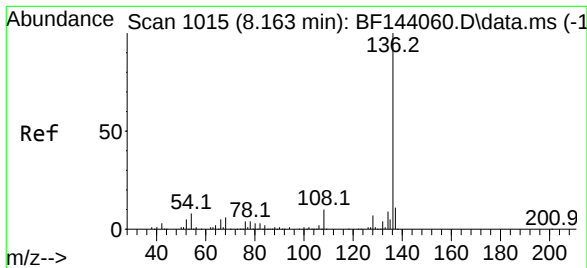
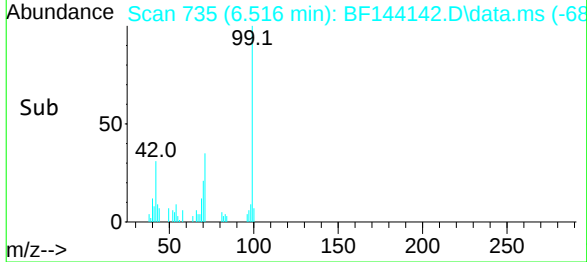
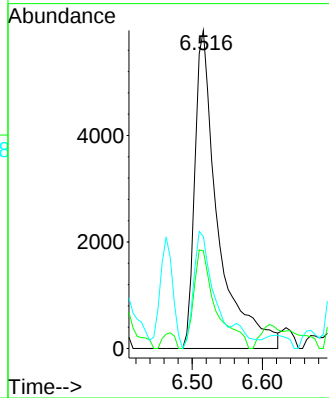
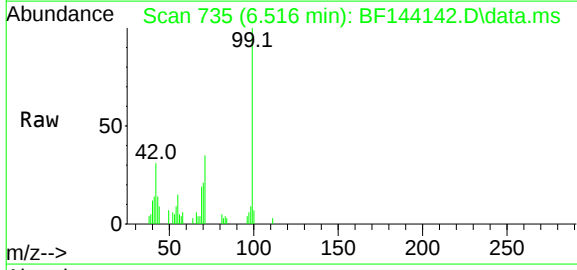




#7
Phenol-d6
Concen: 3.809 ng
RT: 6.516 min Scan# 73
Delta R.T. 0.012 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

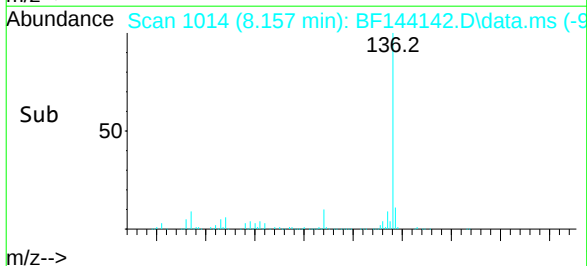
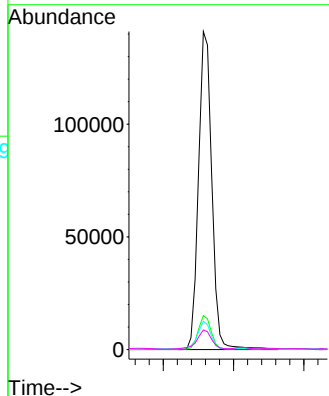
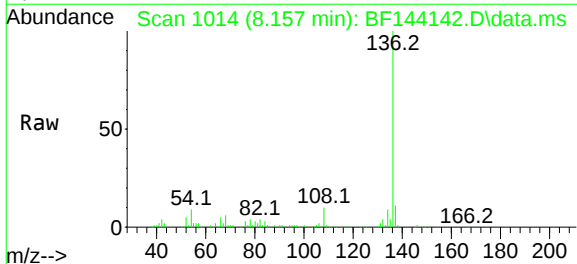
Instrument :
BNA_F
ClientSampleId :
COMP-5

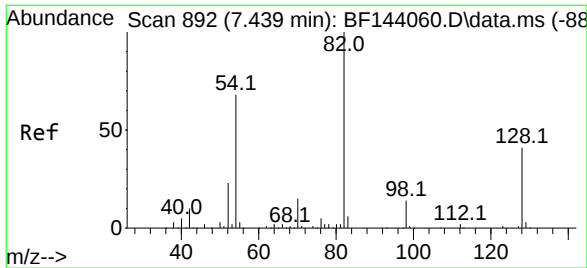
Tgt Ion: 99	Resp: 13622
Ion Ratio	Lower Upper
99 100	
42 30.7	23.9 35.9
71 35.2	34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

Tgt Ion: 136	Resp: 185855
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.9	6.6 9.8
68 6.2	4.6 6.8

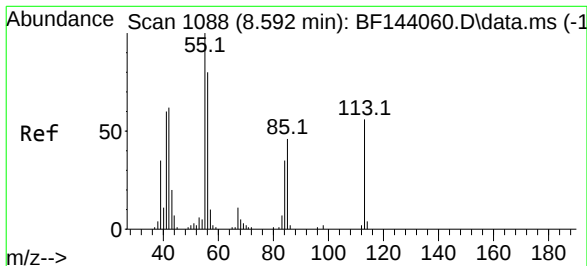
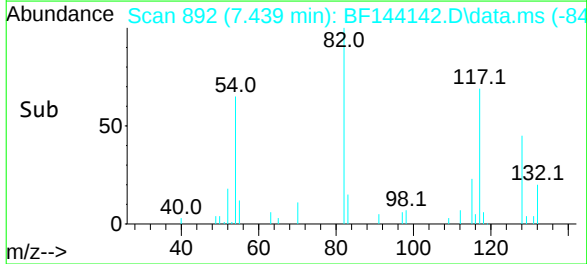
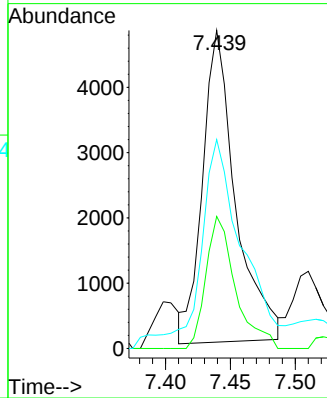
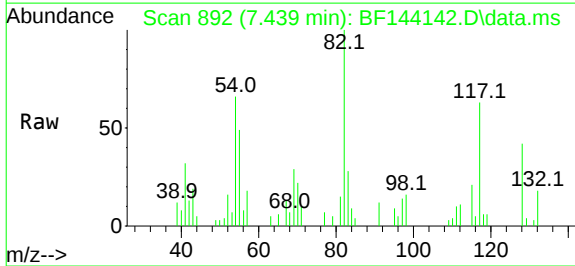




#23
Nitrobenzene-d5
Concen: 2.492 ng
RT: 7.439 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

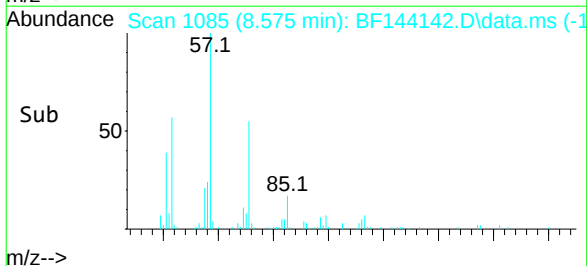
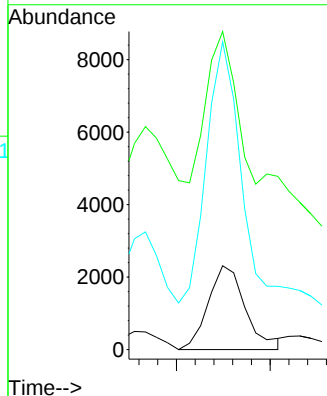
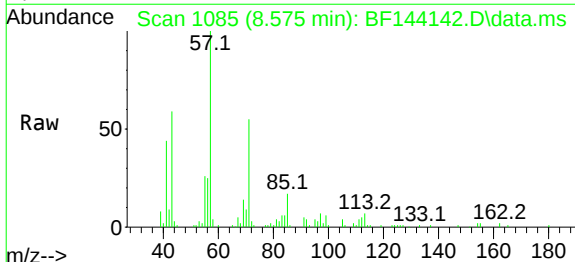
Instrument :
BNA_F
ClientSampleId :
COMP-5

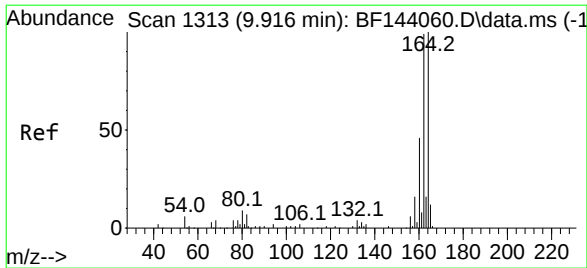
Tgt Ion:	82	Resp:	8455
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.4	48.6
54	65.7	54.0	81.0



#35
Caprolactam
Concen: 4.324 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.018 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

Tgt Ion:	113	Resp:	3199
Ion	Ratio	Lower	Upper
113	100		
55	379.4	160.1	200.1#
56	367.1	124.9	164.9#

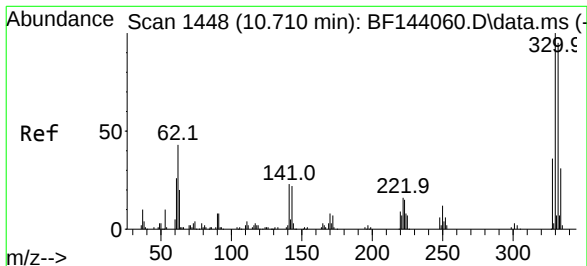
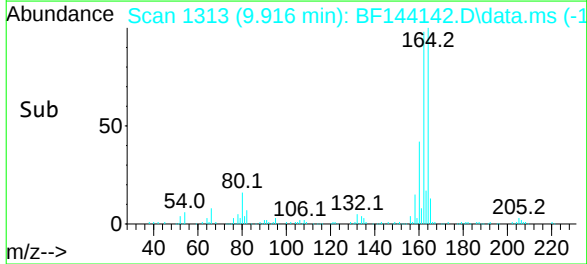
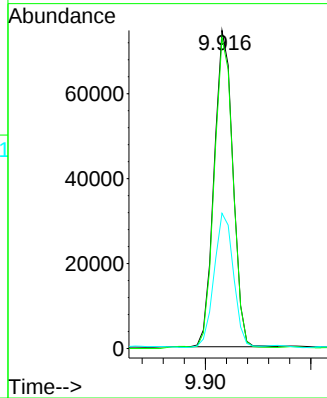
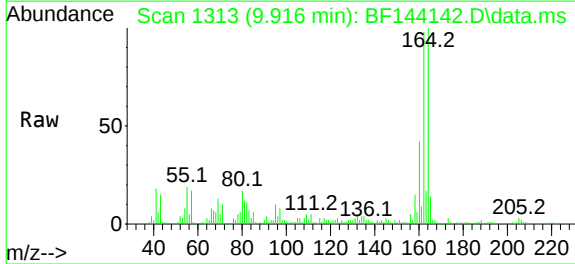




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

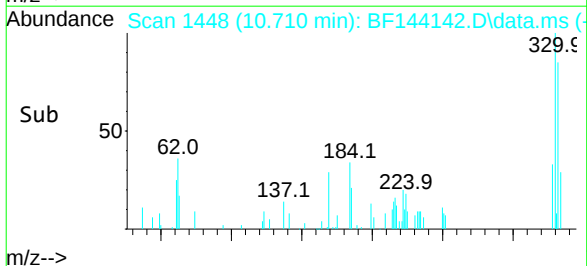
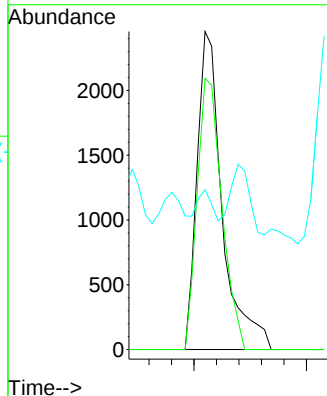
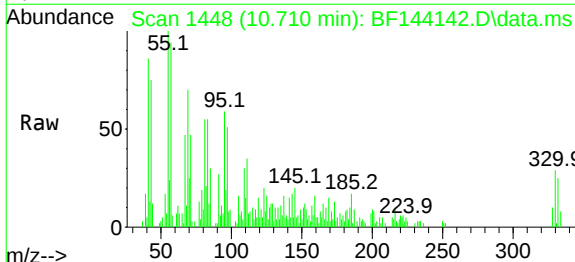
Instrument :
BNA_F
ClientSampleId :
COMP-5

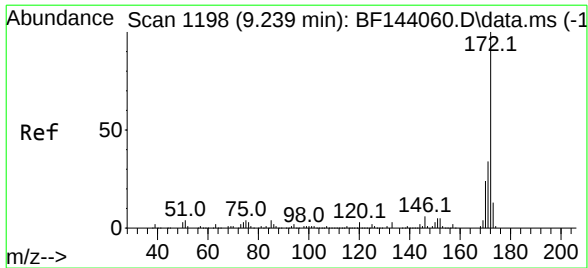
Tgt Ion:164 Resp: 92207
Ion Ratio Lower Upper
164 100
162 97.7 79.4 119.2
160 42.5 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 3.251 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

Tgt Ion:330 Resp: 3819
Ion Ratio Lower Upper
330 100
332 83.5 77.0 115.6
141 8.7 19.4 29.0#

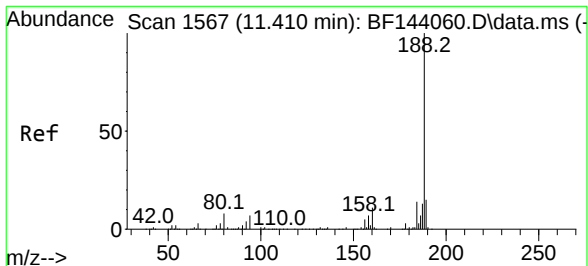
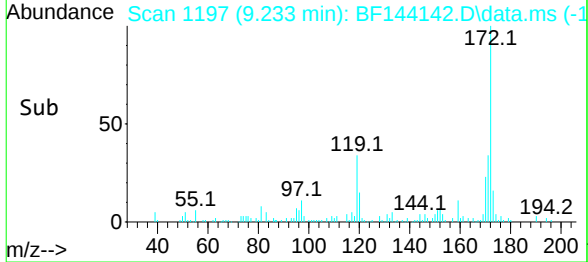
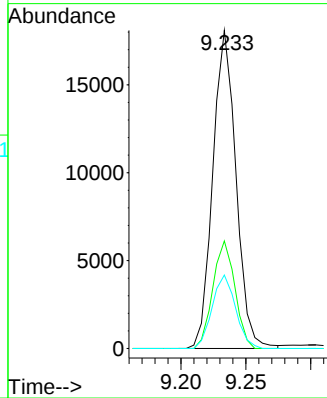
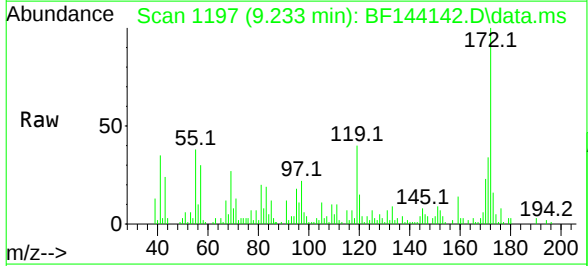




#45
2-Fluorobiphenyl
Concen: 3.432 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

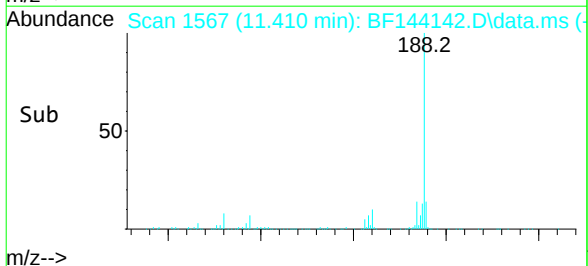
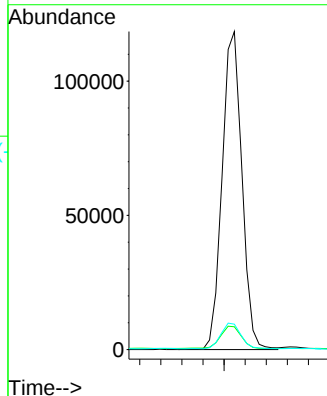
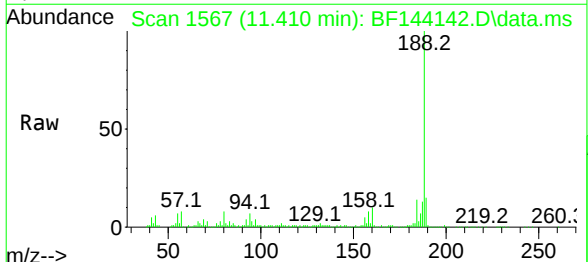
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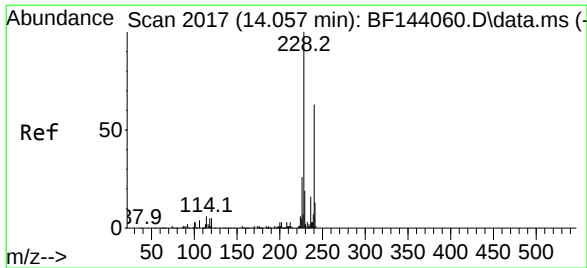
Tgt Ion:	172	Resp:	22485
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.5	41.3
170	23.1	19.0	28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

Tgt Ion:	188	Resp:	154582
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.4	8.0
80	8.0	6.0	9.0

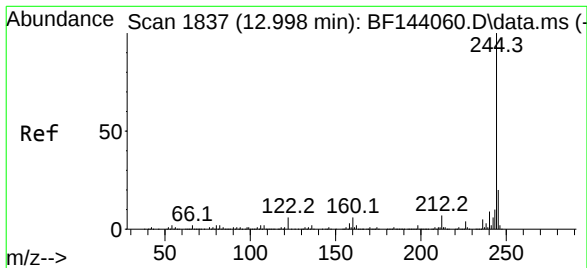
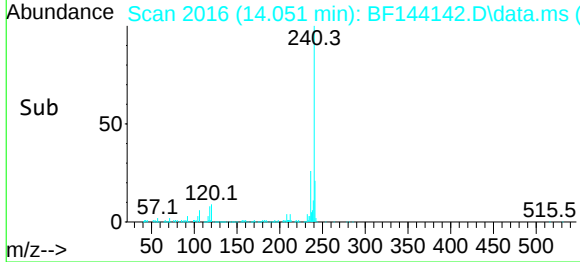
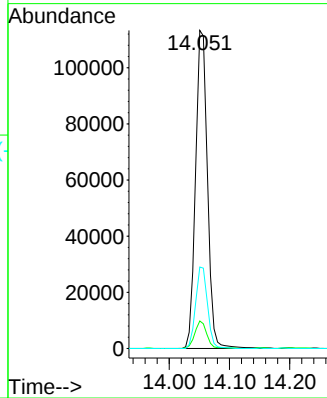
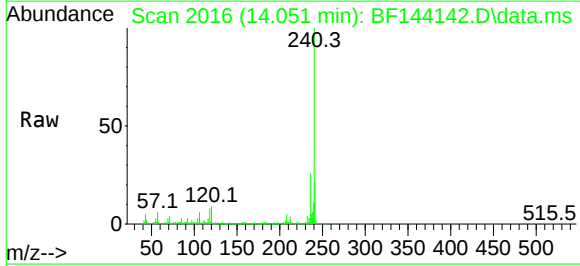




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

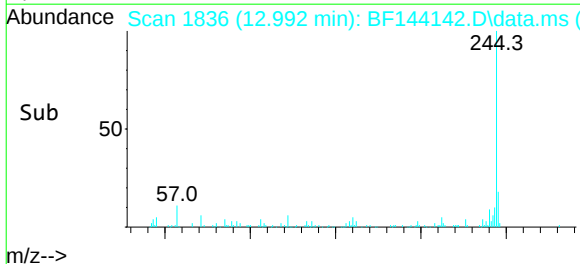
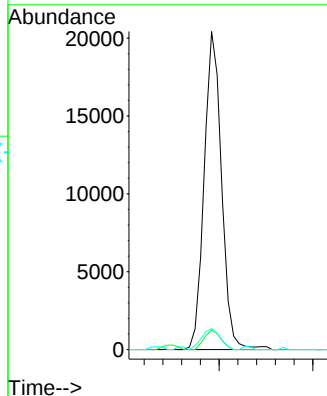
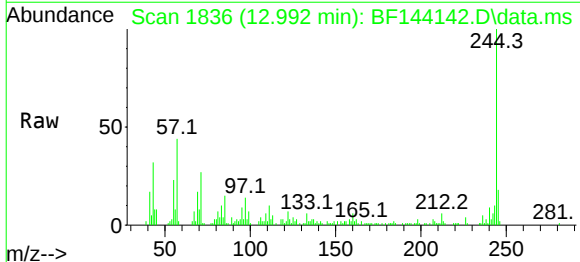
Instrument :
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ClientSampleId :
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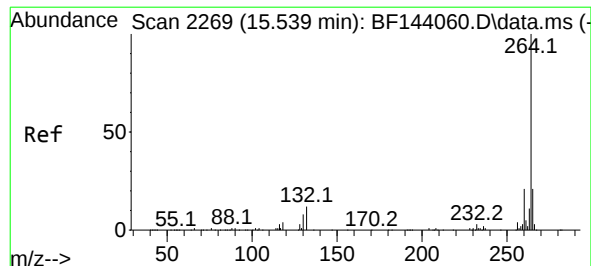
Tgt Ion:240 Resp: 155826
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.6 20.1 30.1



#79
Terphenyl-d14
Concen: 2.949 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144142.D
Acq: 29 Oct 2025 21:57

Tgt Ion:244 Resp: 26284
Ion Ratio Lower Upper
244 100
212 6.1 5.8 8.6
122 6.6 4.9 7.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF144142.D

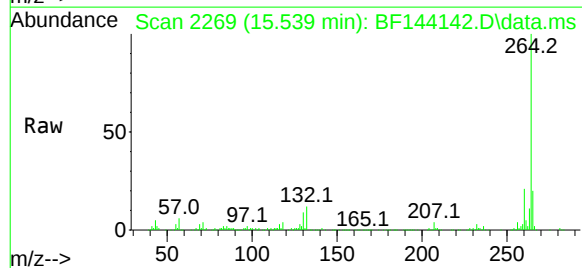
Acq: 29 Oct 2025 21:57

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 143277

Ion Ratio Lower Upper

264 100

260 21.3 17.0 25.4

265 20.3 16.6 24.8

