

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142838.D
 Acq On : 25 Jun 2025 15:26
 Operator : RC/JU
 Sample : PB168601BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL

Quant Time: Jun 25 15:48:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

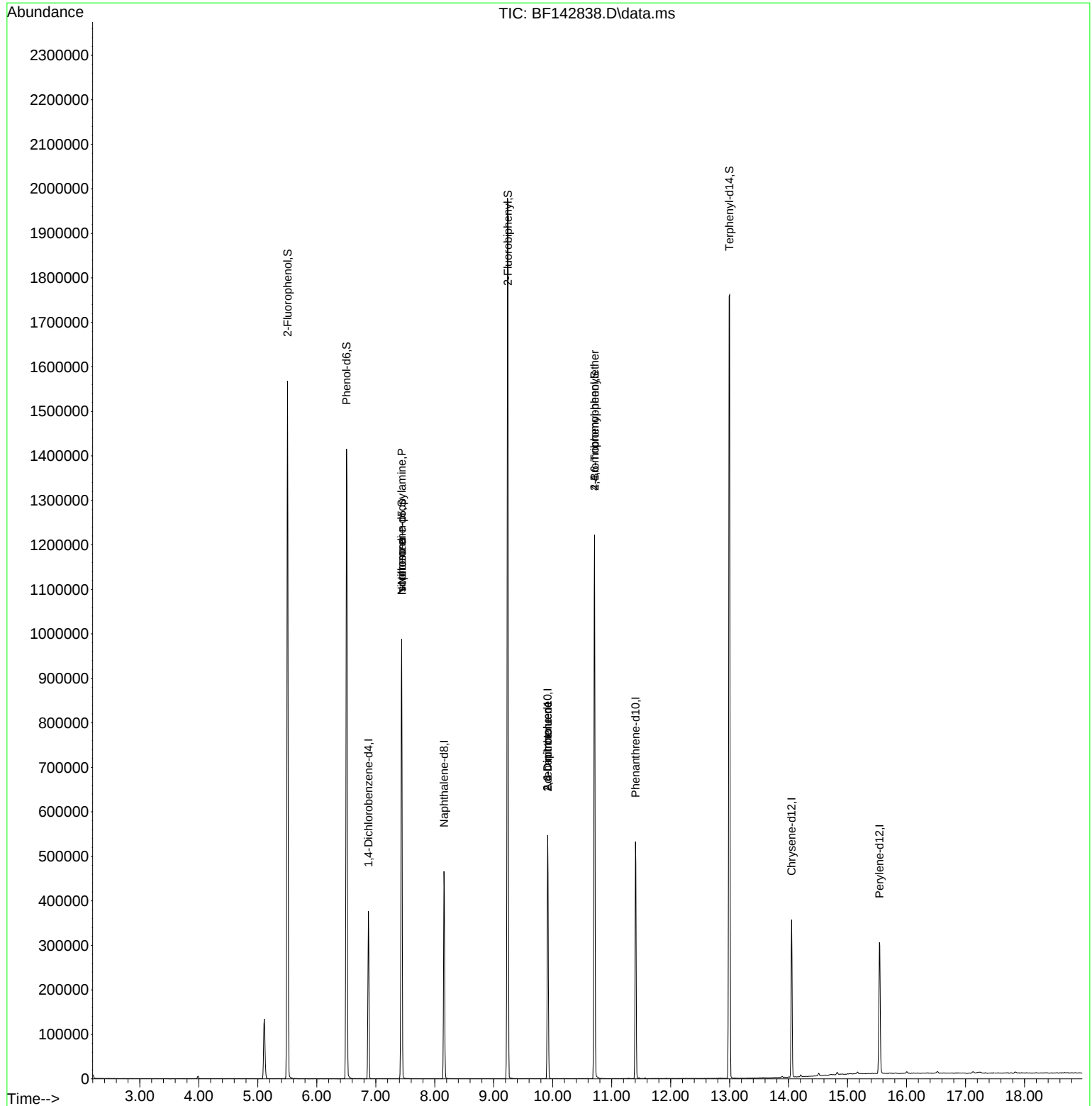
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81390	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	310420	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163008	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	283770	20.000	ng	0.00
76) Chrysene-d12	14.051	240	173595	20.000	ng	0.00
86) Perylene-d12	15.539	264	178625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	609610	124.703	ng	0.01
7) Phenol-d6	6.504	99	704216	122.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	448695	79.284	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	216788	129.236	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	968980	78.090	ng	0.00
79) Terphenyl-d14	12.998	244	909178	72.365	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	60068	17.907	ng	# 76
25) Isophorone	7.439	82	446427	49.174	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	21004	9.064	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	21004	6.824	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	13742	4.255	ng	# 1

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

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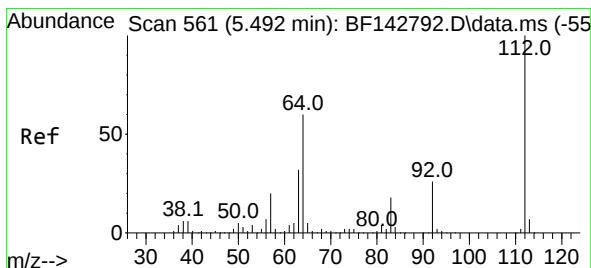
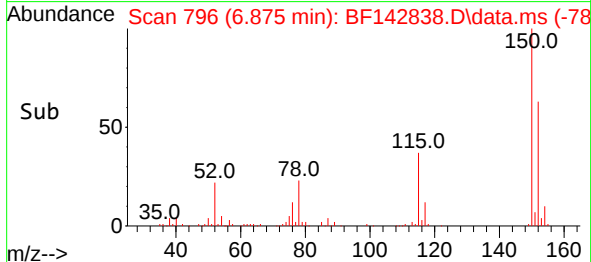
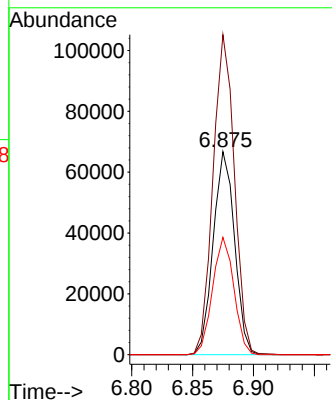
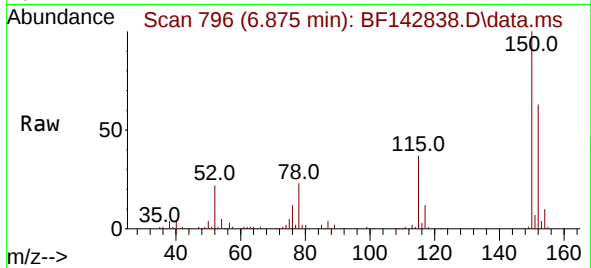




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

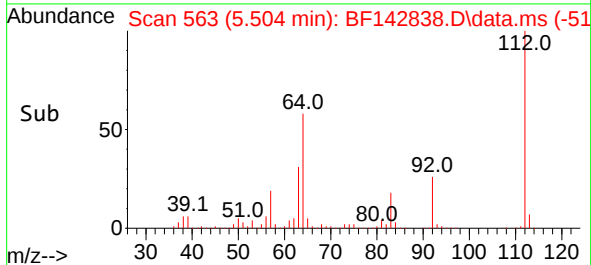
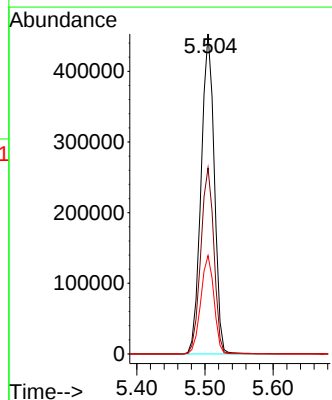
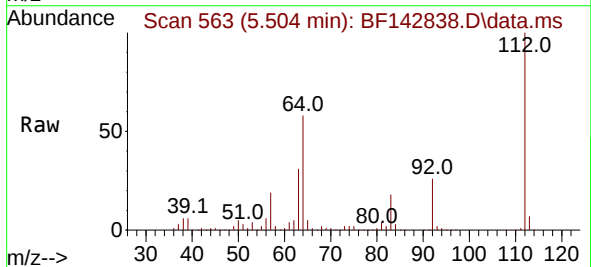
Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL

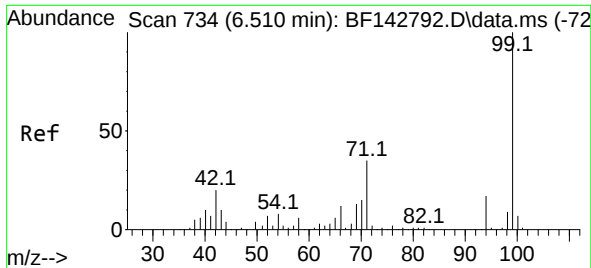
Tgt Ion:152 Resp: 81390
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.2 190.8
 115 57.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 124.703 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Tgt Ion:112 Resp: 609610
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.2 72.2
 63 30.8 25.7 38.5

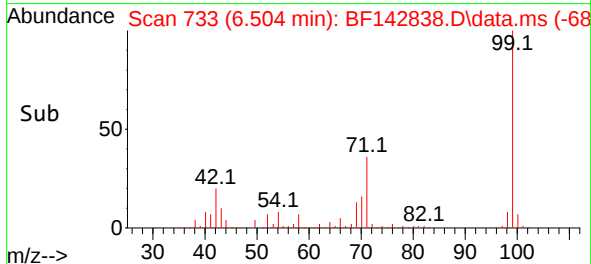
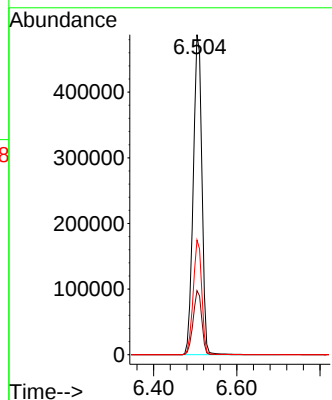
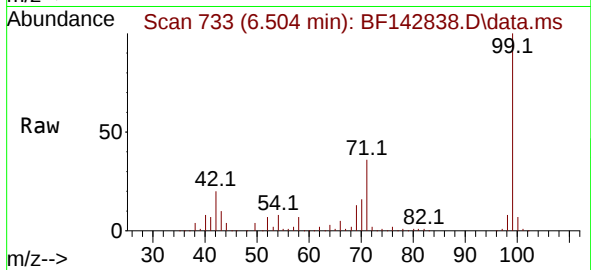




#7
Phenol-d6
Concen: 122.101 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

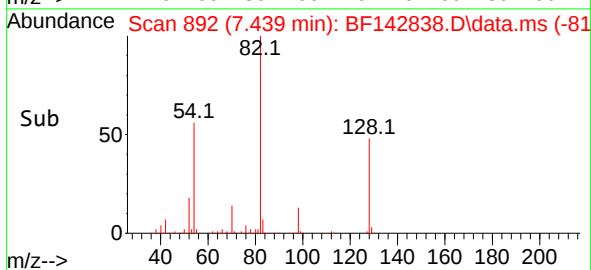
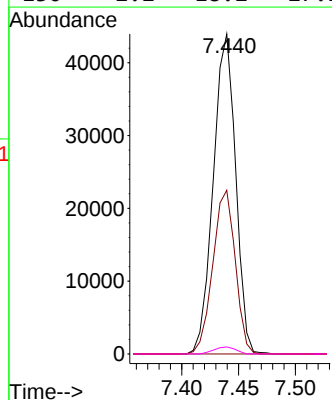
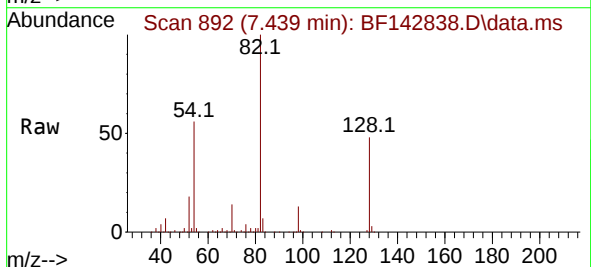
Instrument :
BNA_F
ClientSampleId :
PB168601BL

Tgt Ion: 99 Resp: 704216
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.8 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.907 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion: 70 Resp: 60068
Ion Ratio Lower Upper
70 100
42 51.2 52.1 78.1#
101 0.0 8.2 12.2#
130 2.2 18.2 27.2#

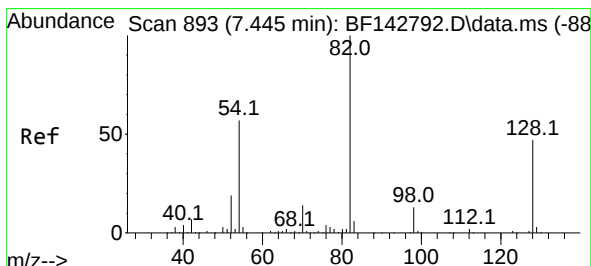
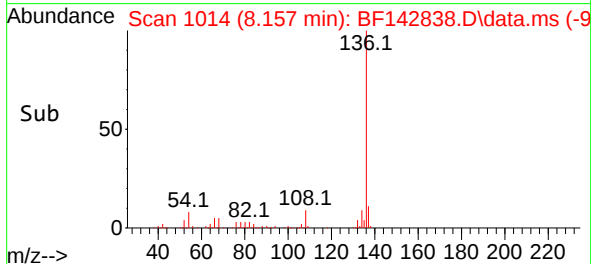
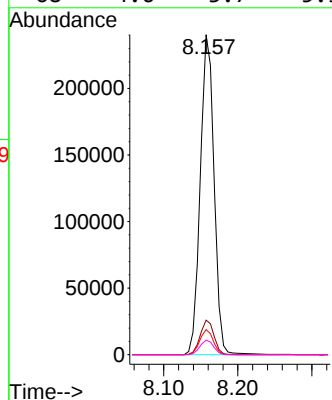
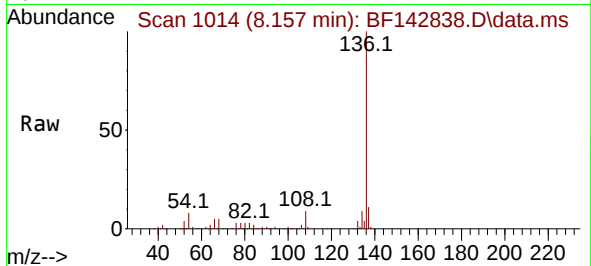




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

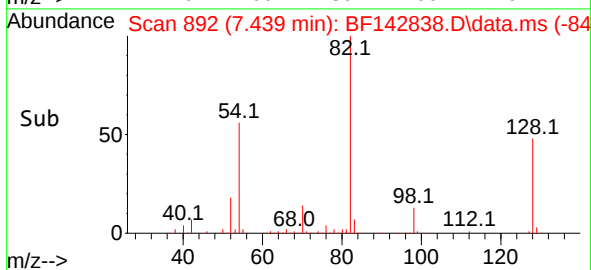
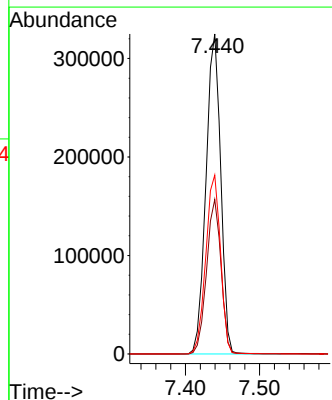
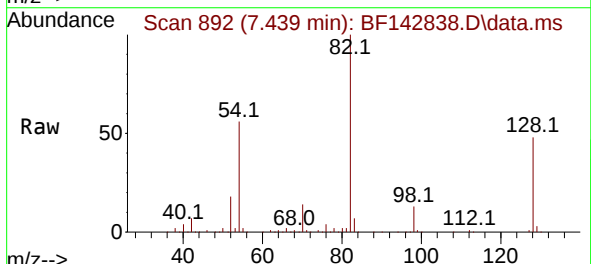
Instrument :
BNA_F
ClientSampleId :
PB168601BL

Tgt Ion:136 Resp: 310420
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 79.284 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion: 82 Resp: 448695
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 55.9 45.7 68.5

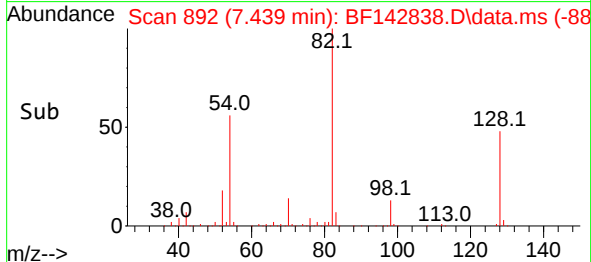
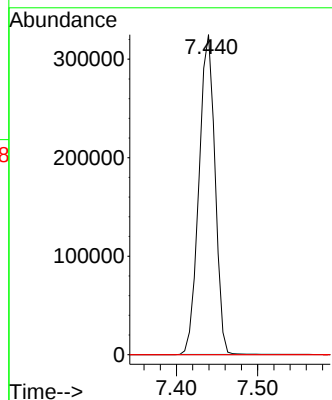
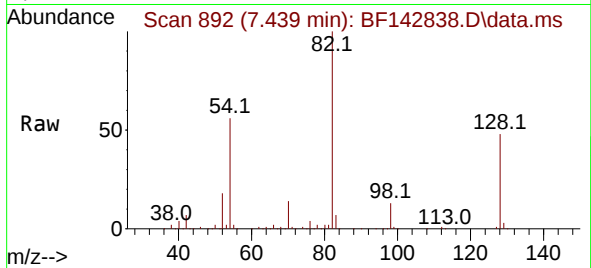




#25
Isophorone
Concen: 49.174 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

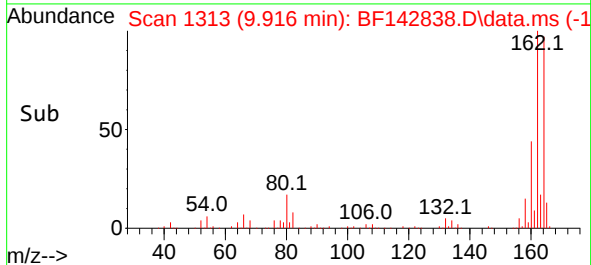
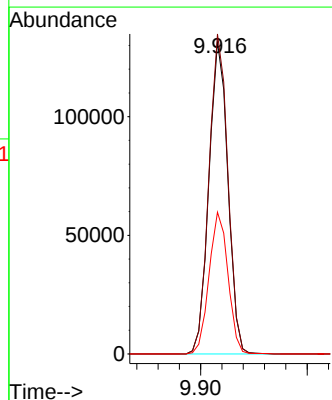
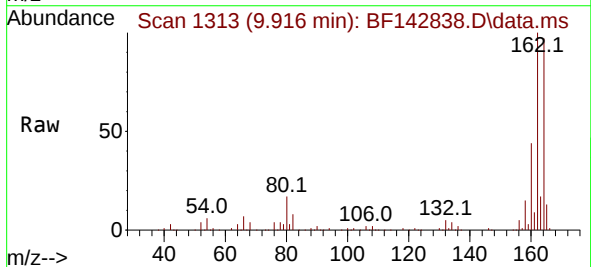
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BNA_F
ClientSampleId :
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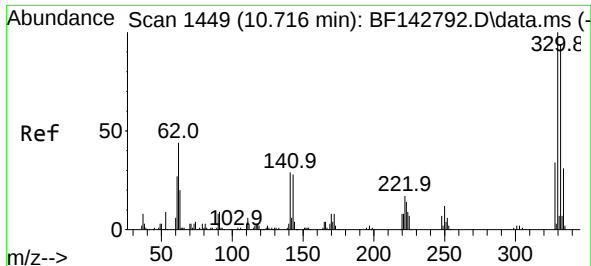
Tgt Ion: 82 Resp: 446427
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

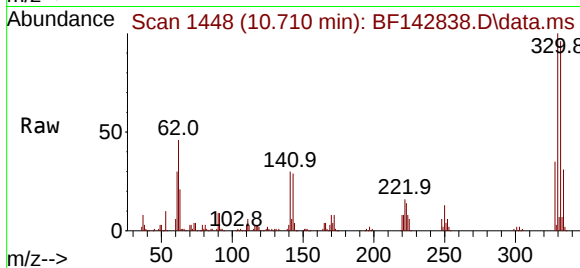
Tgt Ion:164 Resp: 163008
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.8
160 45.4 36.0 54.0





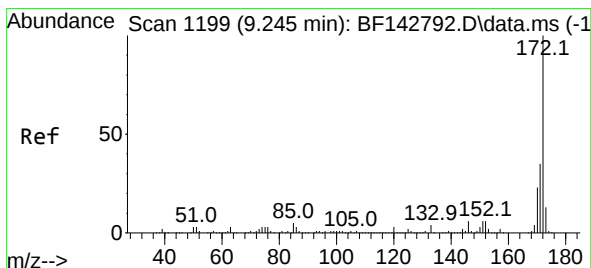
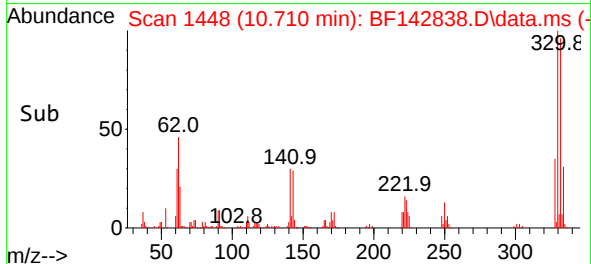
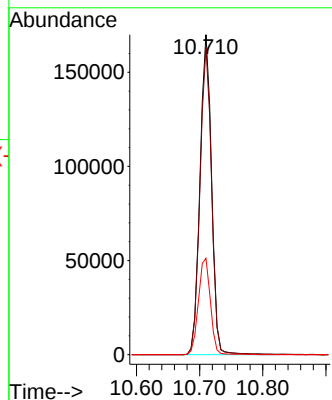
#42
 2,4,6-Tribromophenol
 Concen: 129.236 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL



Tgt Ion:330 Resp: 216788

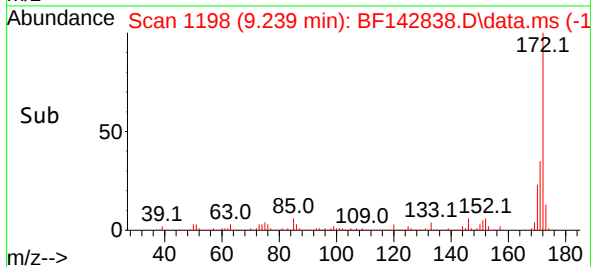
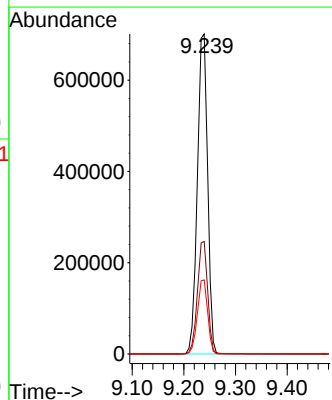
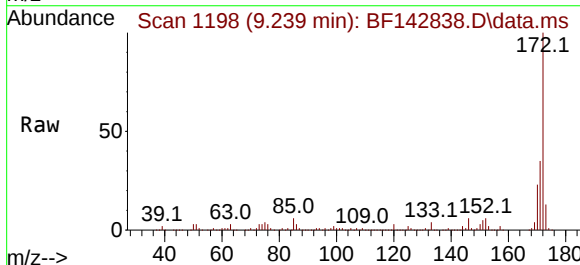
Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.0	112.6
141	31.1	25.3	37.9



#45
 2-Fluorobiphenyl
 Concen: 78.090 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Tgt Ion:172 Resp: 968980

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.1	18.5	27.7

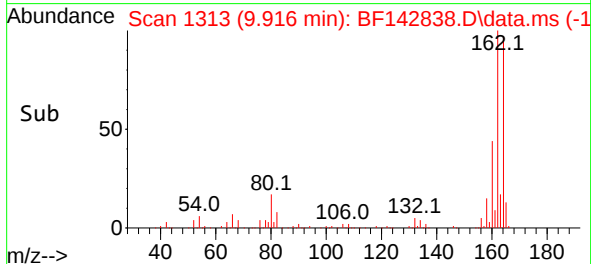
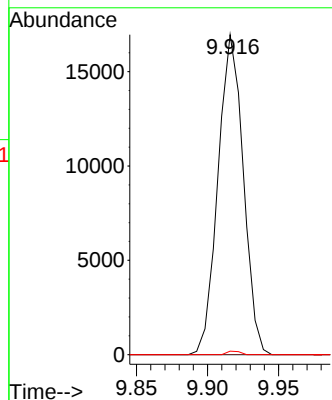
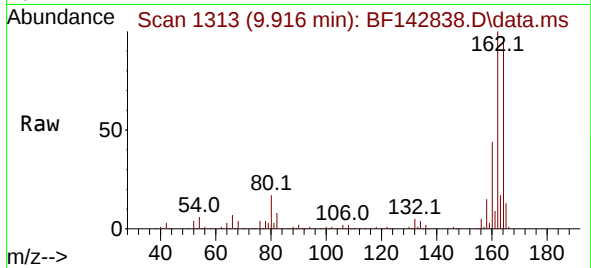




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

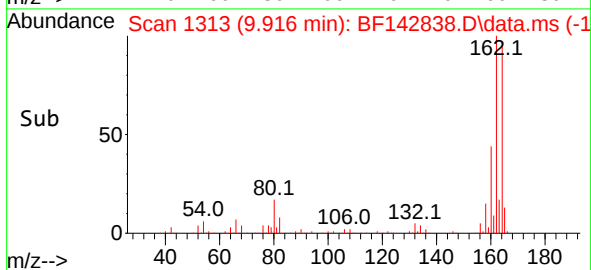
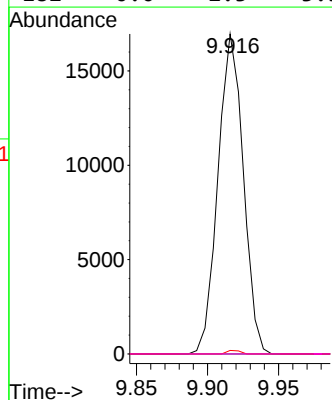
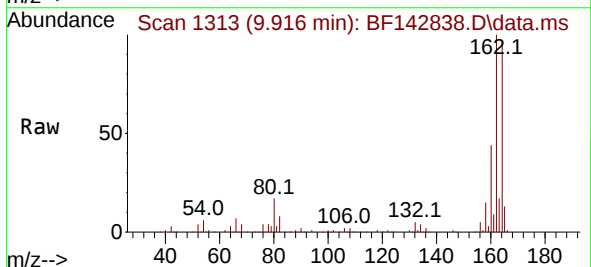
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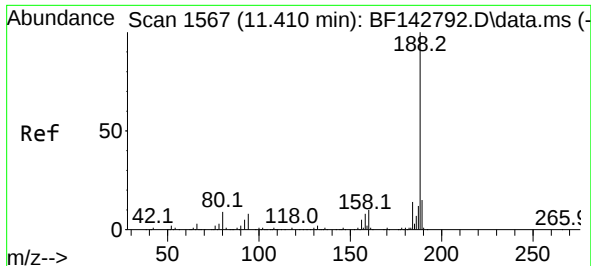
Tgt Ion:165 Resp: 21004
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 1.1 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion:165 Resp: 21004
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 1.1 50.6 75.8#
182 0.0 2.3 3.5#

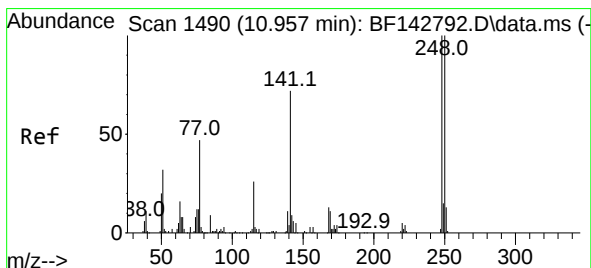
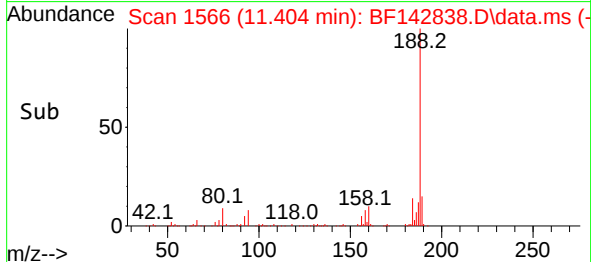
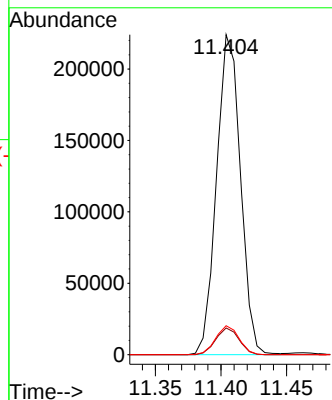
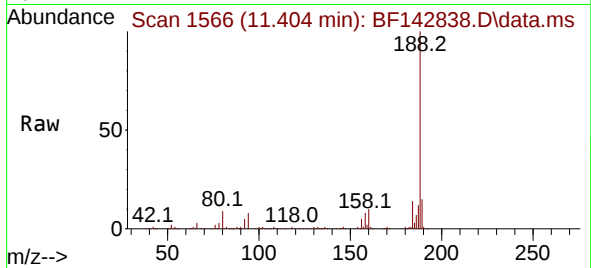




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

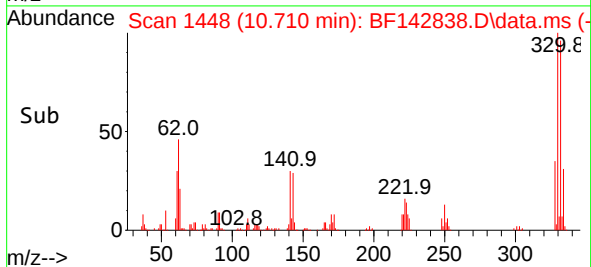
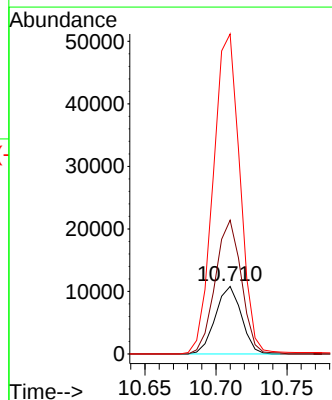
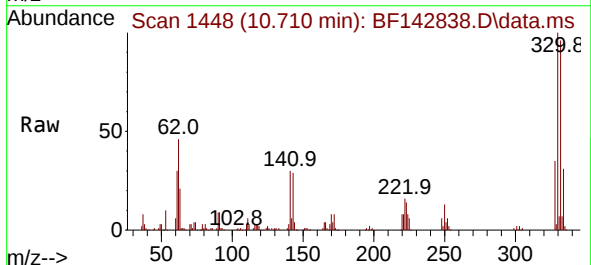
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BNA_F
ClientSampleId :
PB168601BL

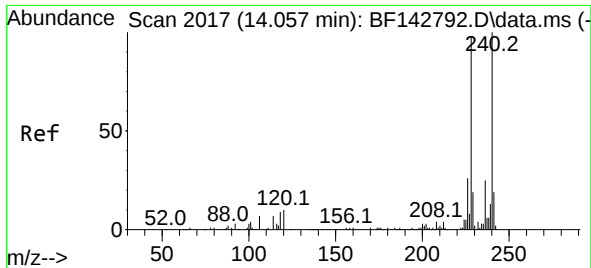
Tgt Ion:188 Resp: 283770
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.255 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion:248 Resp: 13742
Ion Ratio Lower Upper
248 100
250 198.2 79.8 119.8#
141 473.8 57.8 86.6#

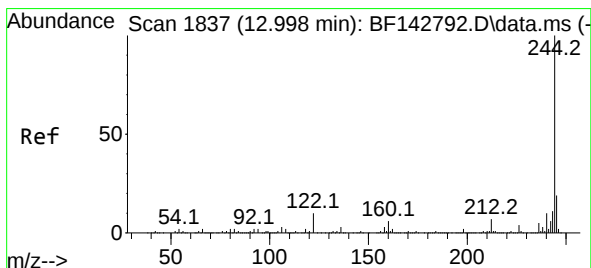
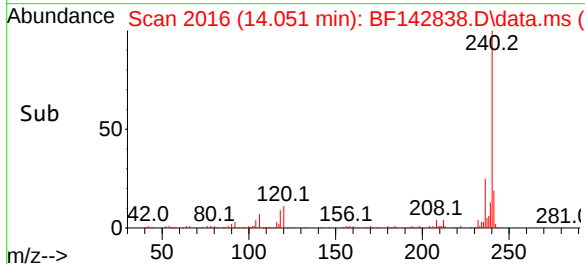
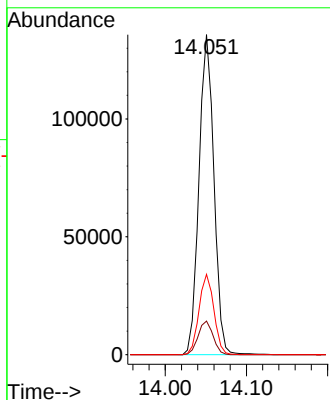
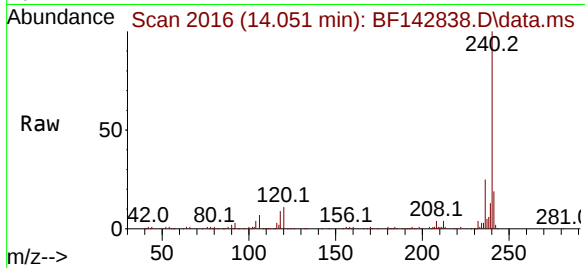




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

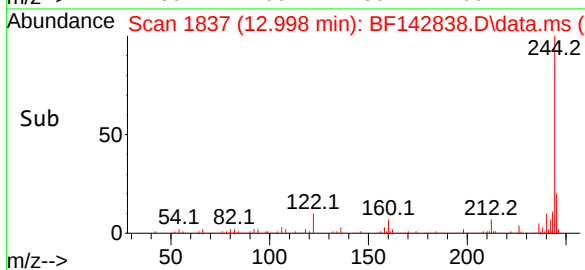
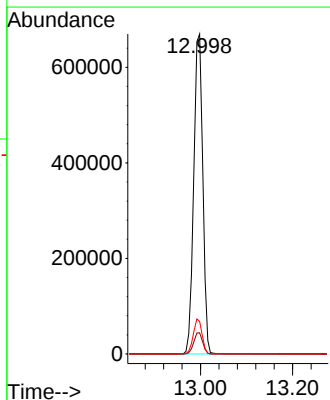
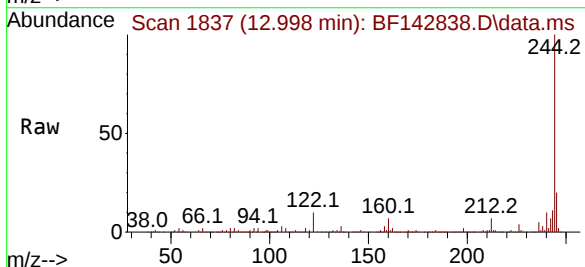
Instrument :
BNA_F
ClientSampleId :
PB168601BL

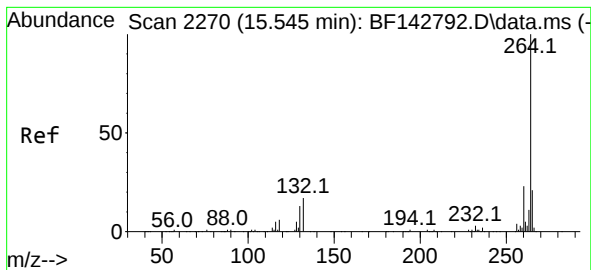
Tgt Ion:240 Resp: 173595
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.1 19.8 29.8



#79
Terphenyl-d14
Concen: 72.365 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion:244 Resp: 909178
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.2 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Instrument :
BNA_F
ClientSampleId :
PB168601BL

Tgt Ion:264 Resp: 178625
Ion Ratio Lower Upper
264 100
260 22.5 18.1 27.1
265 21.3 16.6 25.0

