

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142988.D
 Acq On : 03 Jul 2025 10:26
 Operator : RC/JU
 Sample : PB168694BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168694BL

Quant Time: Jul 03 11:17:57 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)

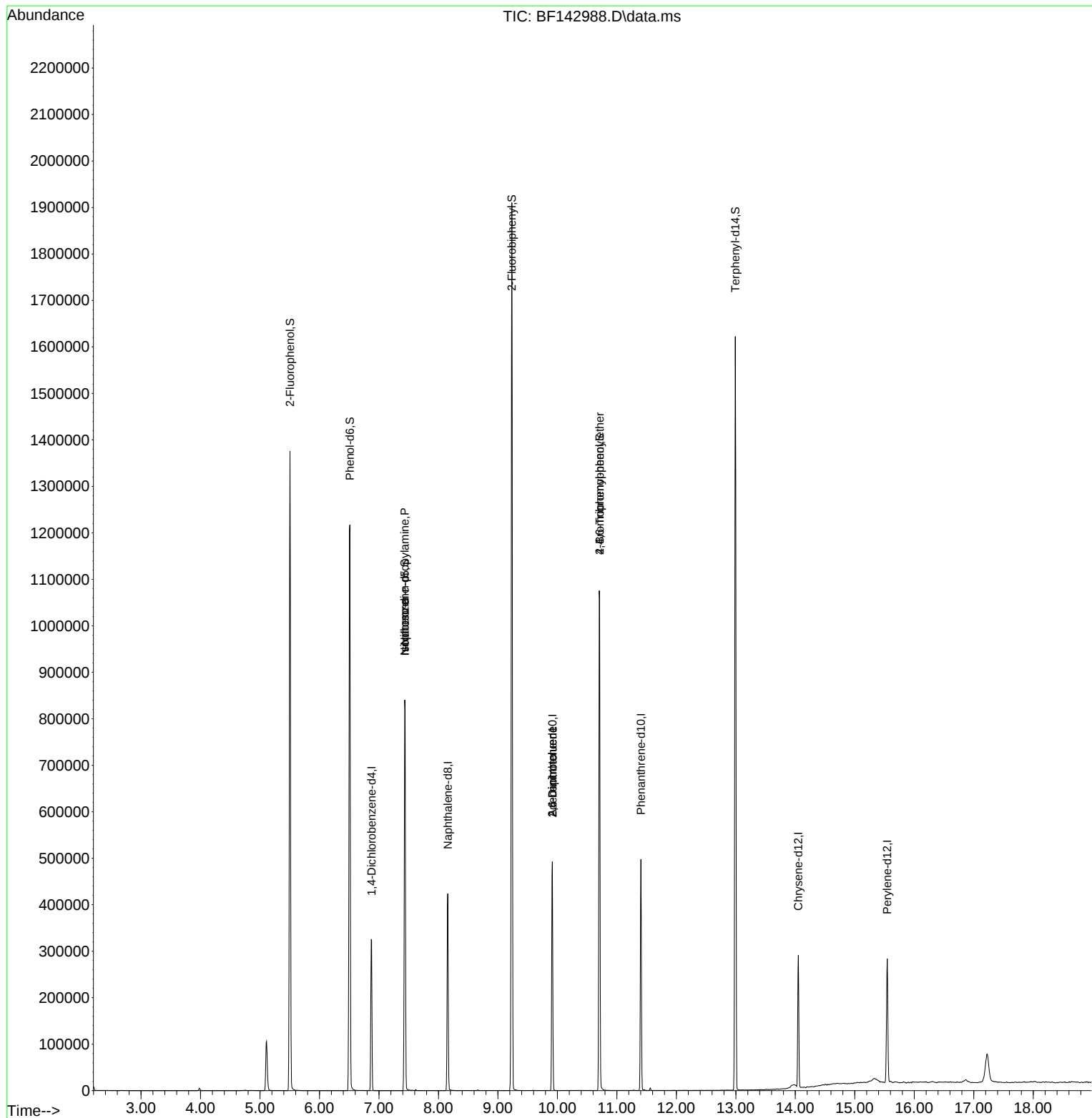
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74523	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	286767	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	155660	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	262266	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143100	20.000	ng	0.00
86) Perylene-d12	15.545	264	155357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	540733	120.806	ng	0.01
7) Phenol-d6	6.510	99	630710	119.433	ng	0.00
23) Nitrobenzene-d5	7.434	82	401071	76.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	198022	123.621	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	895101	75.541	ng	-0.01
79) Terphenyl-d14	12.992	244	795818	76.840	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	54399	17.712	ng	# 74
25) Isophorone	7.434	82	398428	47.507	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	19879	8.984	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	19879	6.763	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	12642	4.235	ng	# 1

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

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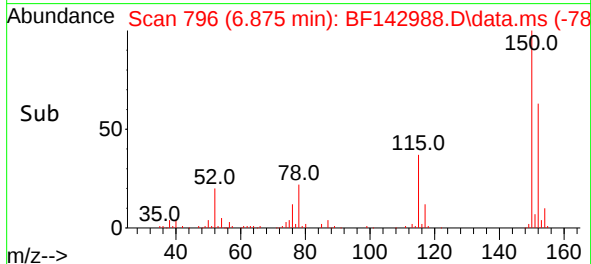
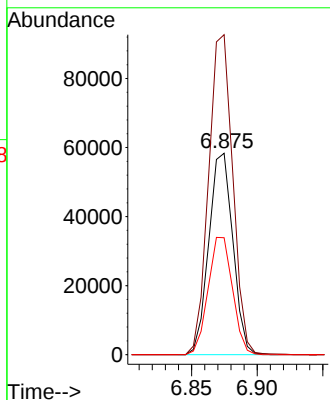
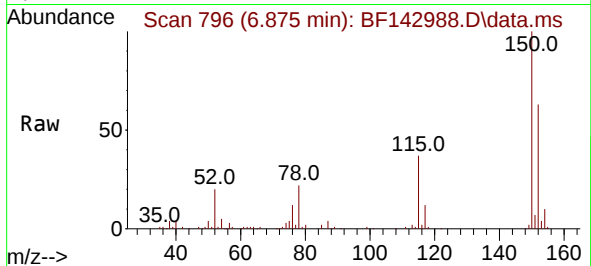




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142988.D
 Acq: 03 Jul 2025 10:26

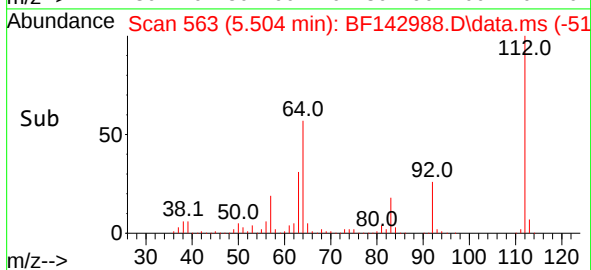
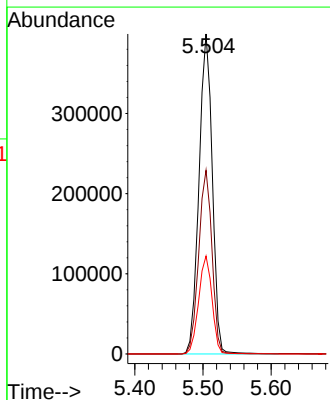
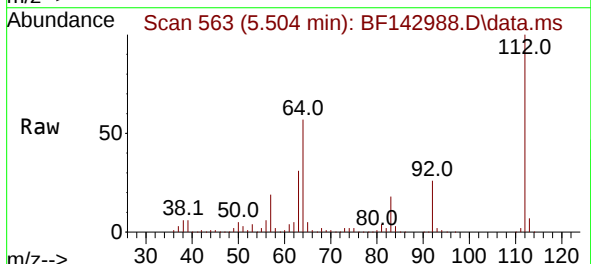
Instrument :
 BNA_F
 ClientSampleId :
 PB168694BL

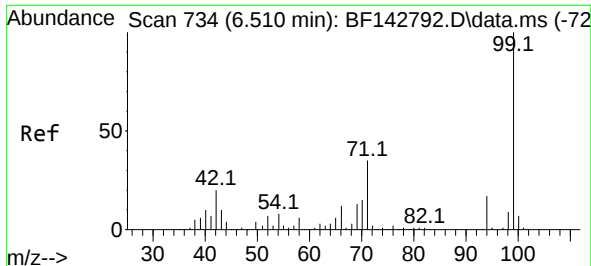
Tgt Ion:152 Resp: 74523
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.2 190.8
 115 58.1 46.6 69.8



#5
 2-Fluorophenol
 Concen: 120.806 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142988.D
 Acq: 03 Jul 2025 10:26

Tgt Ion:112 Resp: 540733
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.2 72.2
 63 30.6 25.7 38.5

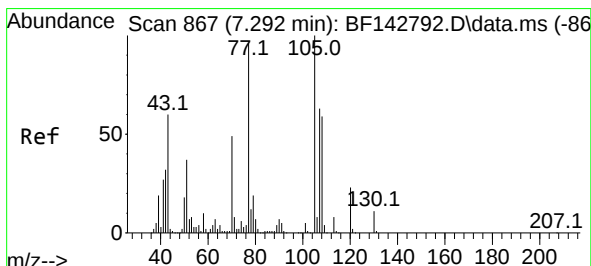
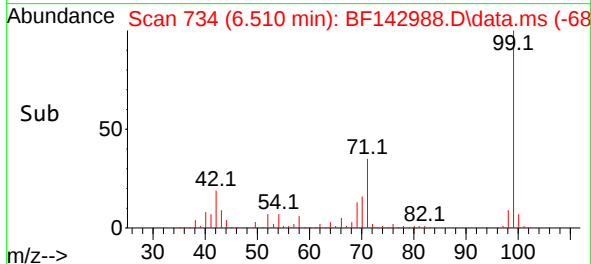
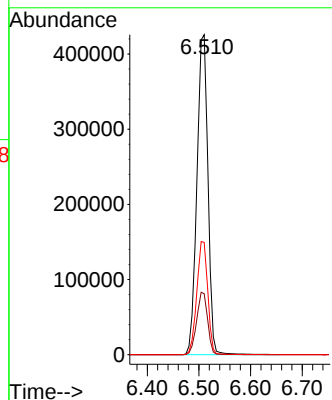
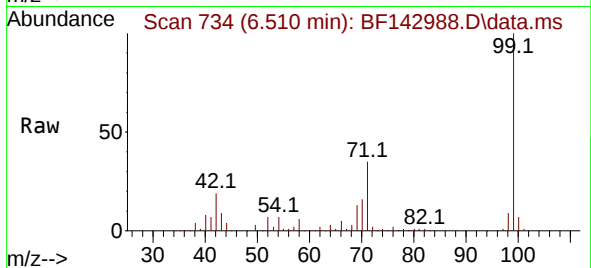




#7
Phenol-d6
Concen: 119.433 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

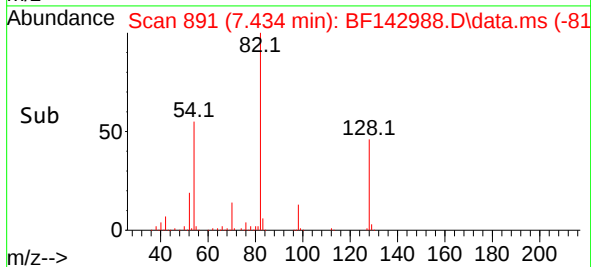
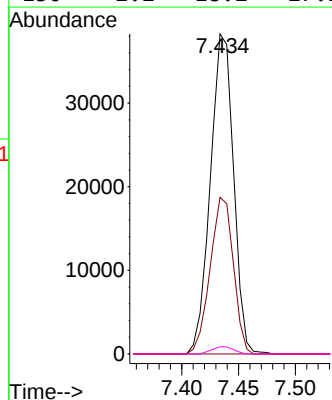
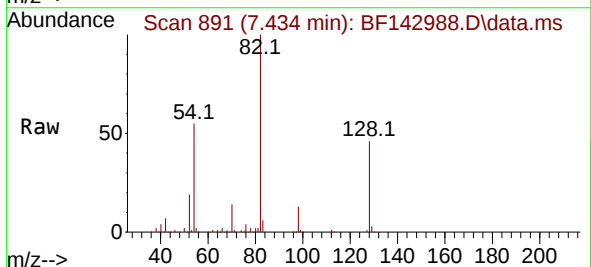
Instrument :
BNA_F
ClientSampleId :
PB168694BL

Tgt Ion: 99 Resp: 630710
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.1 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.712 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

Tgt Ion: 70 Resp: 54399
Ion Ratio Lower Upper
70 100
42 48.9 52.1 78.1#
101 0.0 8.2 12.2#
130 2.2 18.2 27.2#

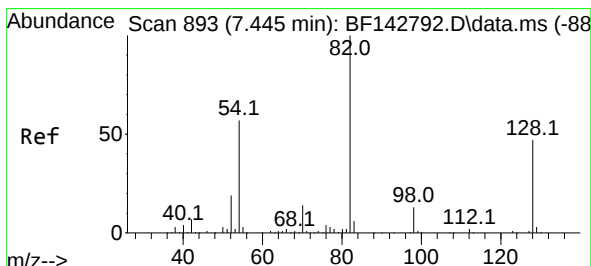
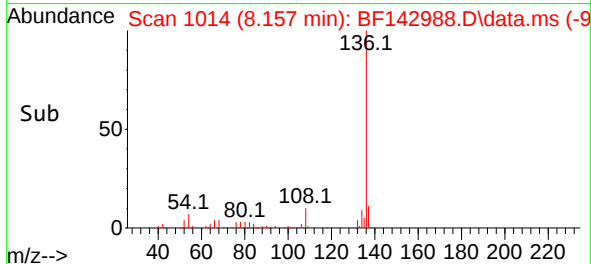
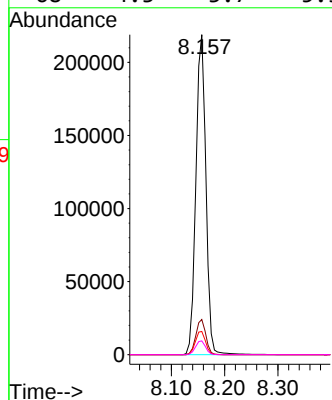
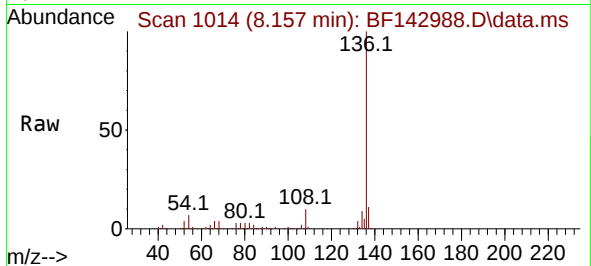




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

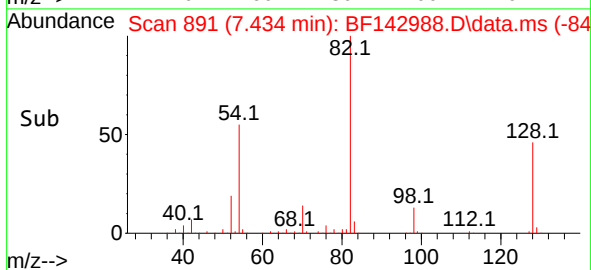
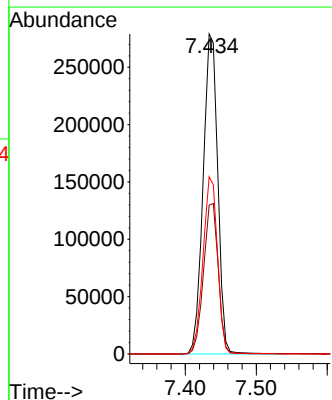
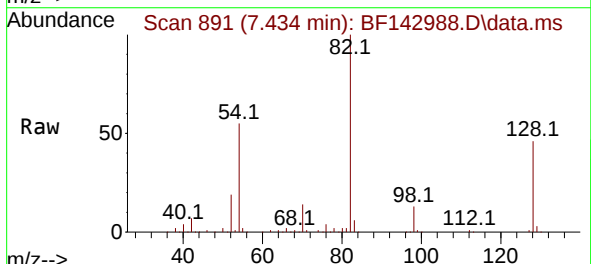
Instrument :
BNA_F
ClientSampleId :
PB168694BL

Tgt Ion:136 Resp: 286767
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.3 6.3 9.5
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 76.714 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

Tgt Ion: 82 Resp: 401071
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 55.4 45.7 68.5

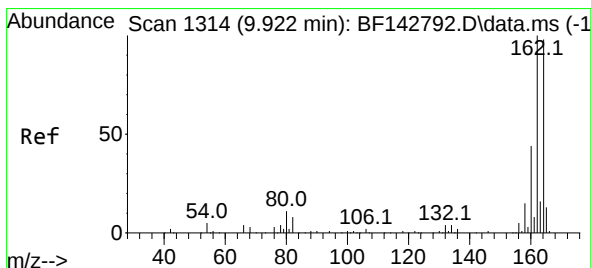
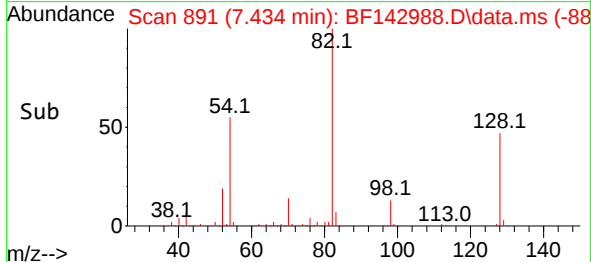
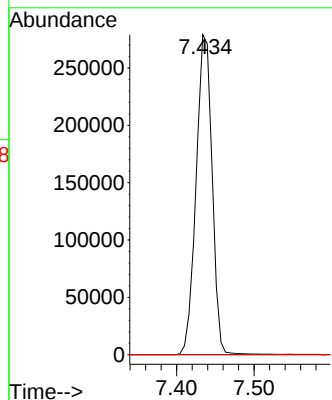
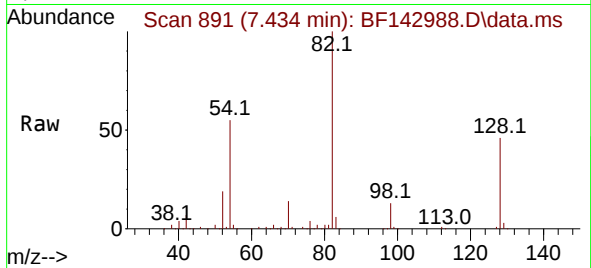




#25
Isophorone
Concen: 47.507 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

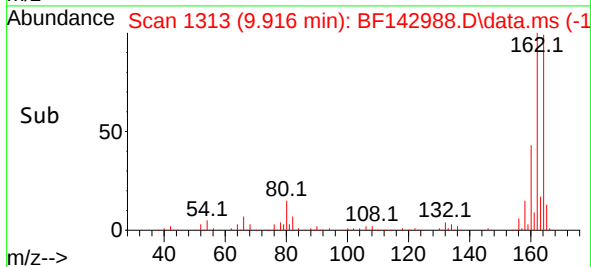
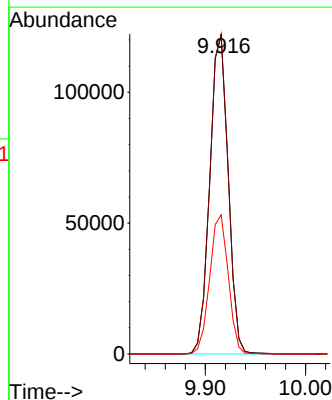
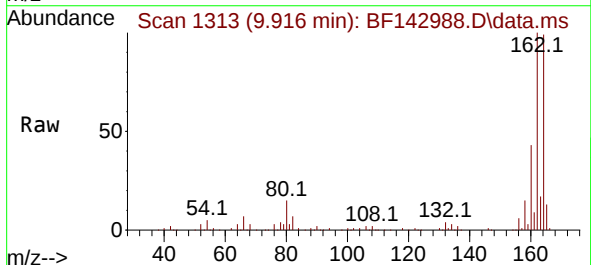
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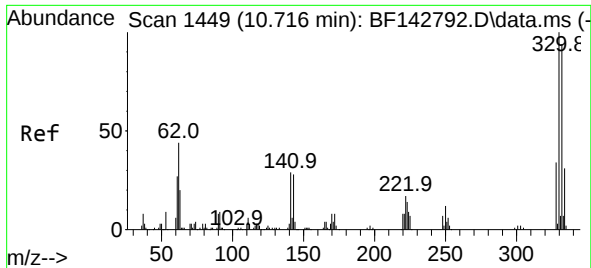
Tgt Ion: 82 Resp: 398428
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

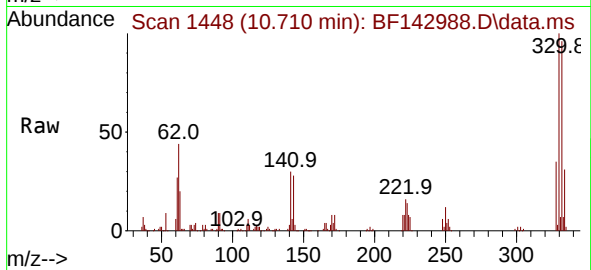
Tgt Ion:164 Resp: 155660
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.8
160 43.8 36.0 54.0



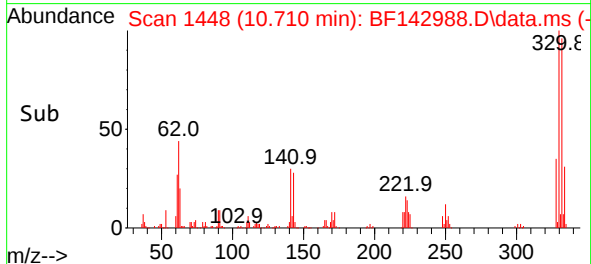
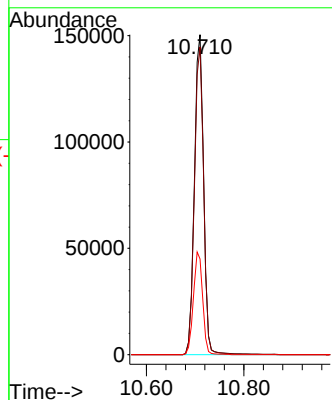


#42
2,4,6-Tribromophenol
Concen: 123.621 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
PB168694BL

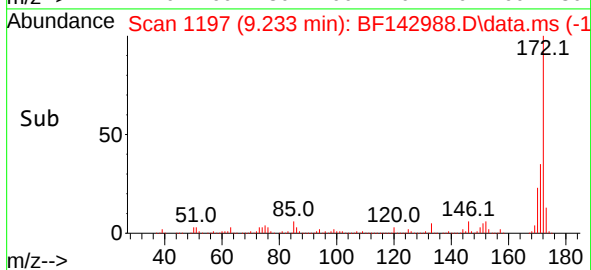
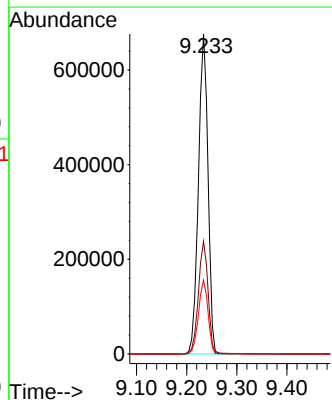
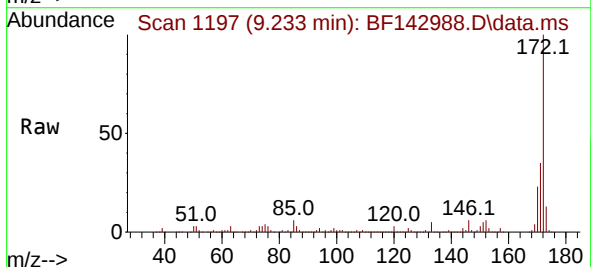


Tgt Ion:330 Resp: 198022
Ion Ratio Lower Upper
330 100
332 96.4 75.0 112.6
141 32.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 75.541 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

Tgt Ion:172 Resp: 895101
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 18.5 27.7

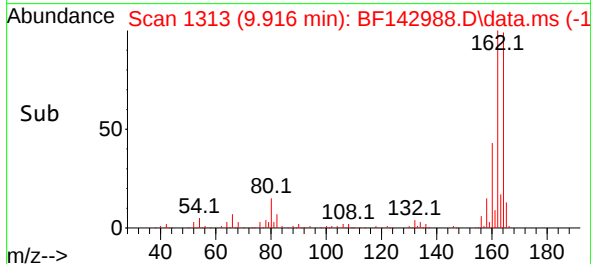
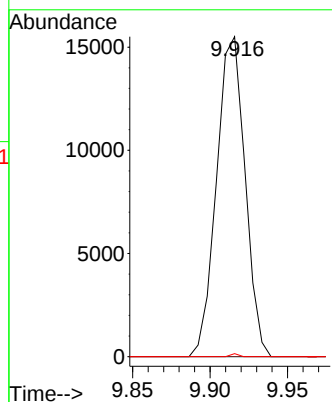
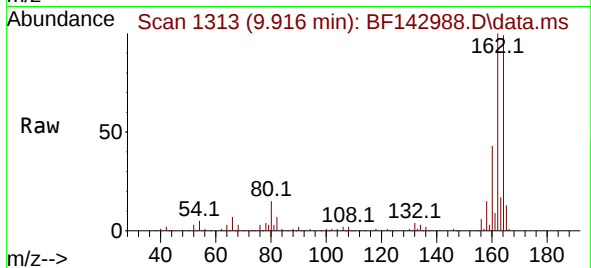




#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

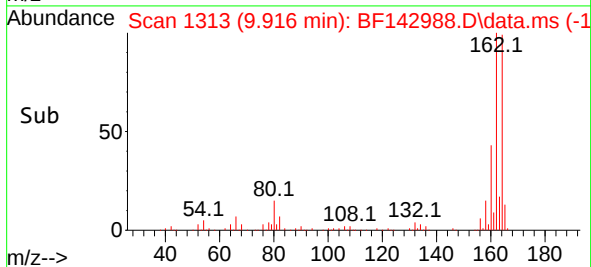
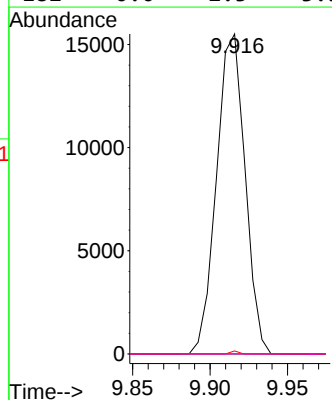
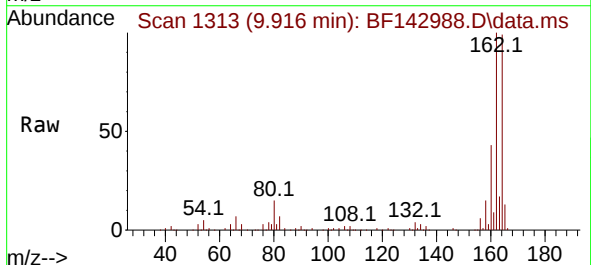
Instrument :
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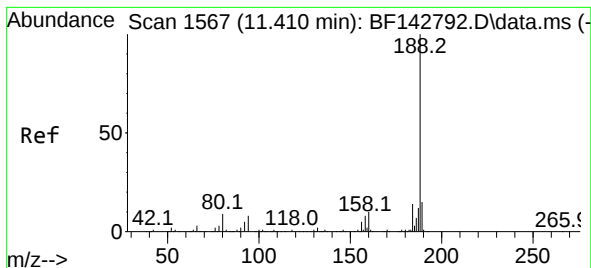
Tgt Ion:165 Resp: 19879
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 1.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.763 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142988.D
Acq: 03 Jul 2025 10:26

Tgt Ion:165 Resp: 19879
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 1.0 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: BF142988.D

Acq: 03 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB168694BL

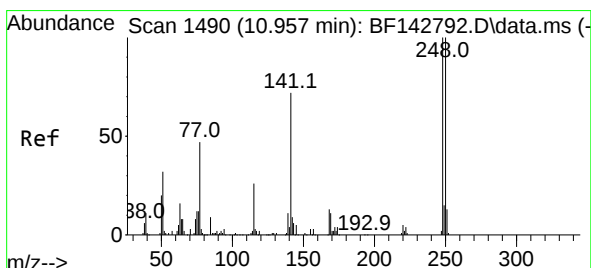
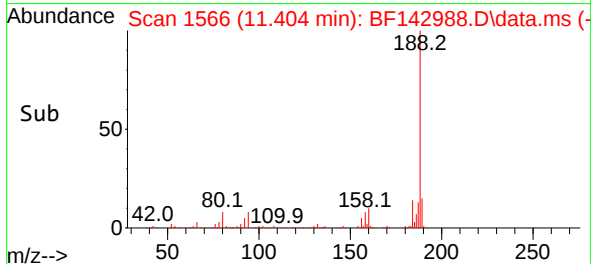
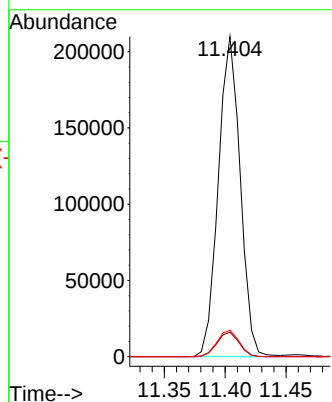
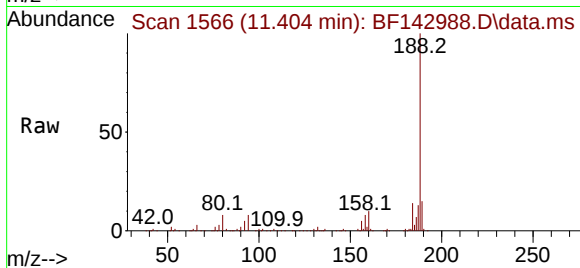
Tgt Ion:188 Resp: 262266

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 8.2 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.235 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF142988.D

Acq: 03 Jul 2025 10:26

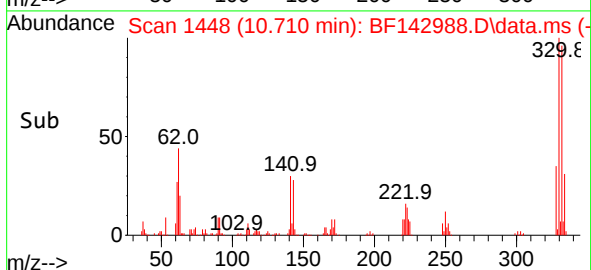
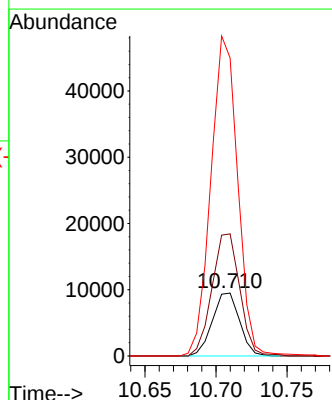
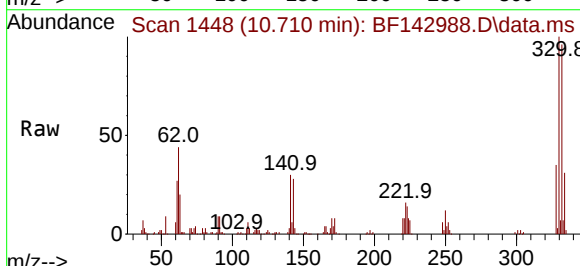
Tgt Ion:248 Resp: 12642

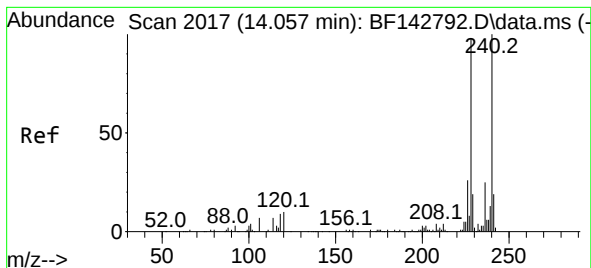
Ion Ratio Lower Upper

248 100

250 194.1 79.8 119.8#

141 473.9 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142988.D

Acq: 03 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB168694BL

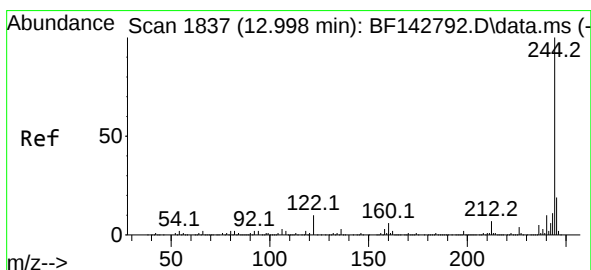
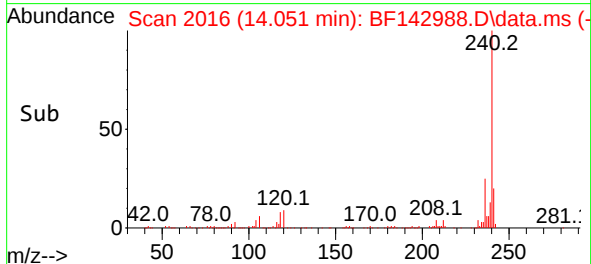
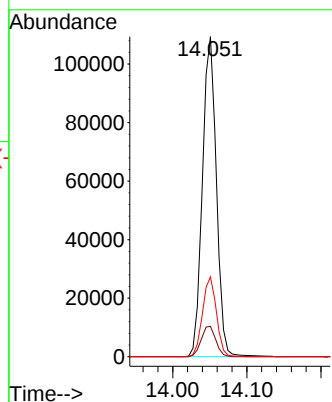
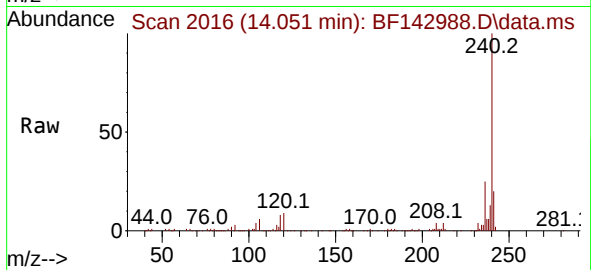
Tgt Ion:240 Resp: 143100

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 76.840 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142988.D

Acq: 03 Jul 2025 10:26

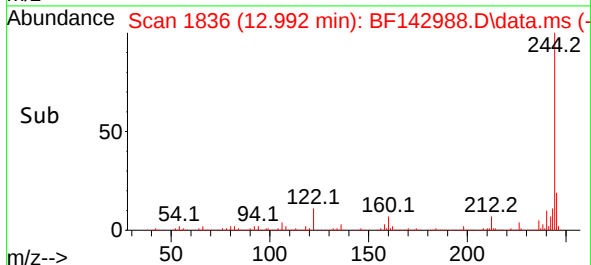
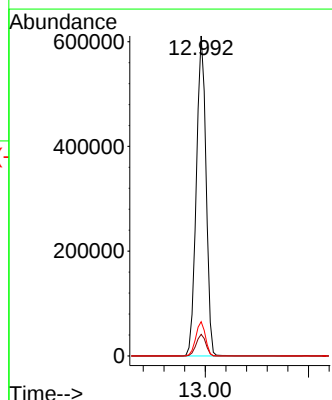
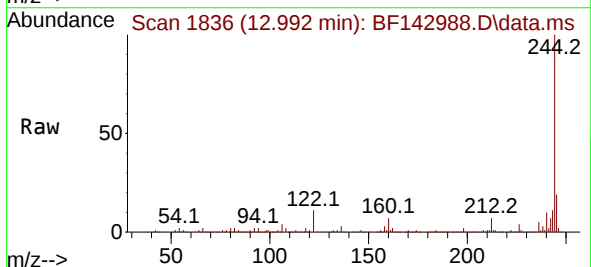
Tgt Ion:244 Resp: 795818

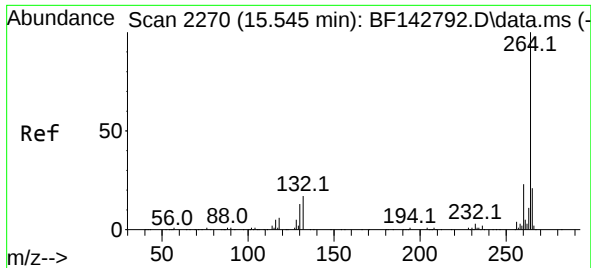
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142988.D
 Acq: 03 Jul 2025 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB168694BL

Tgt Ion:264 Resp: 155357
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.1 27.1
 265 21.5 16.6 25.0

