

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144189.D
 Acq On : 06 Nov 2025 15:54
 Operator : RC/JU
 Sample : Q3541-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48969

Quant Time: Nov 06 16:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

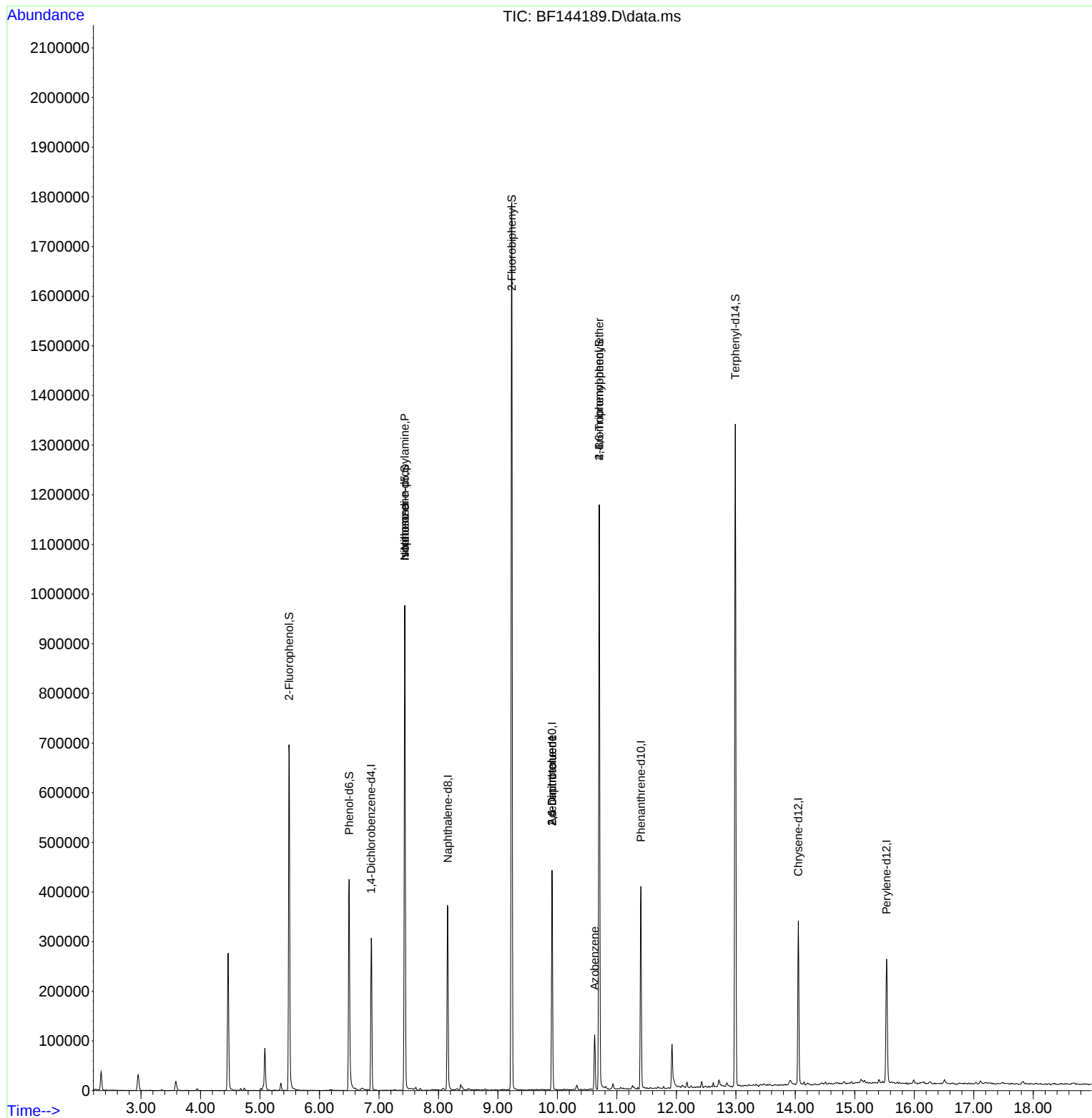
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68047	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	249541	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134867	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	224075	20.000	ng	0.00
76) Chrysene-d12	14.051	240	167742	20.000	ng	0.00
86) Perylene-d12	15.533	264	139517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	288194	66.276	ng	0.00
7) Phenol-d6	6.498	99	206130	41.836	ng	0.00
23) Nitrobenzene-d5	7.434	82	408564	94.560	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240098	141.866	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	867119	94.959	ng	0.00
79) Terphenyl-d14	12.992	244	708852	67.124	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	59626	18.383	ng	# 80
25) Isophorone	7.434	82	408560	49.991	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17596	9.729	ng	# 28
57) 2,4-Dinitrotoluene	9.910	165	17596	7.267	ng	# 28
63) Azobenzene	10.628	77	26295	3.430	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	13367	4.674	ng	# 1

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

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ALS Vial : 11 Sample Multiplier: 1

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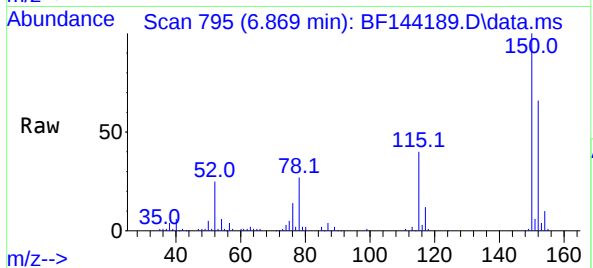
Quant Time: Nov 06 16:40:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
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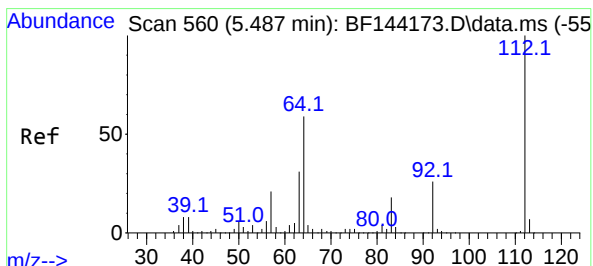
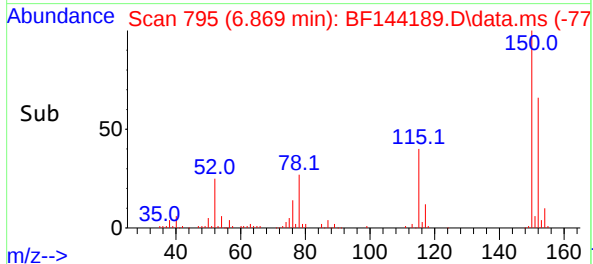
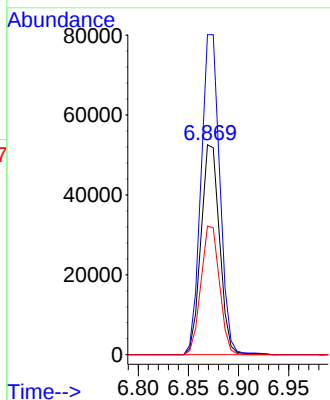


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Instrument :
BNA_F
ClientSampleId :
N48969

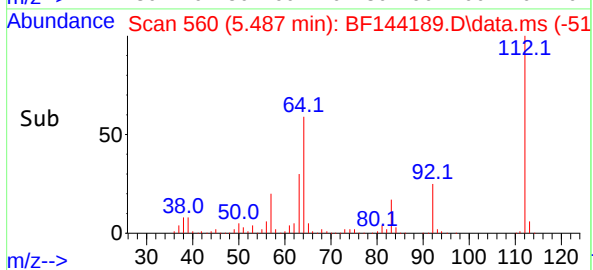
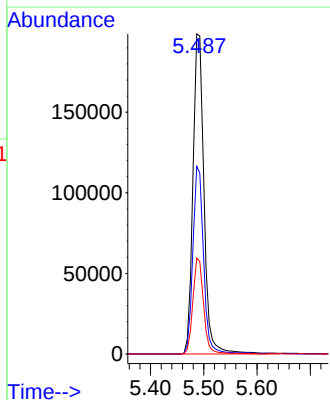
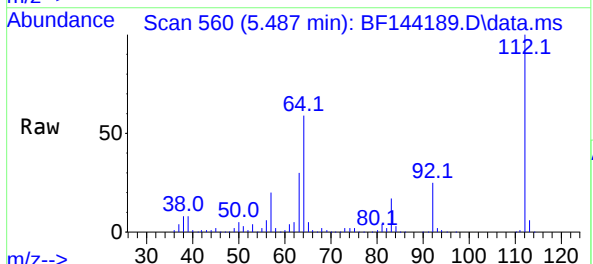


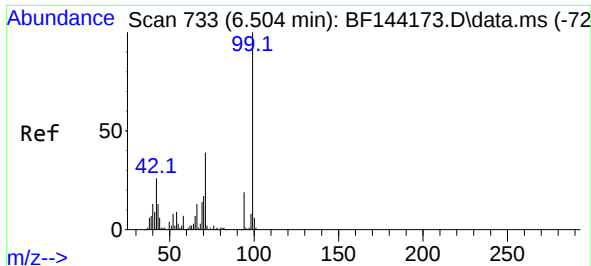
Tgt Ion:152 Resp: 68047
Ion Ratio Lower Upper
152 100
150 152.4 127.4 191.0
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 66.276 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:112 Resp: 288194
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 30.0 24.4 36.6

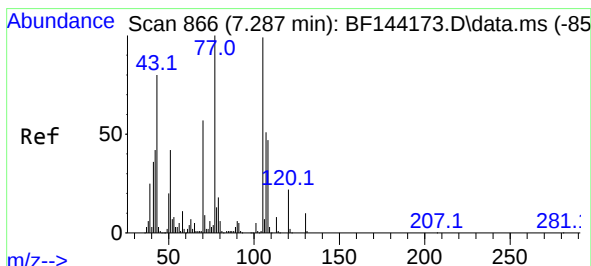
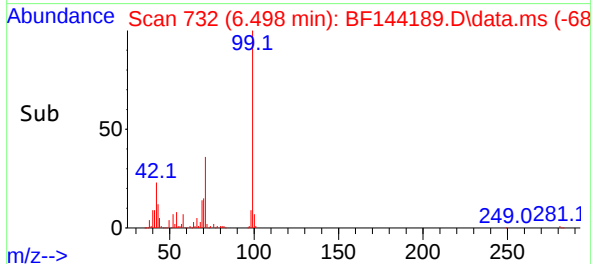
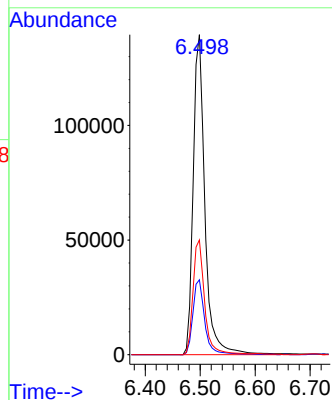
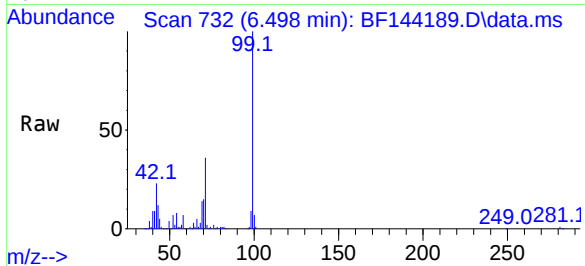




#7
Phenol-d6
Concen: 41.836 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

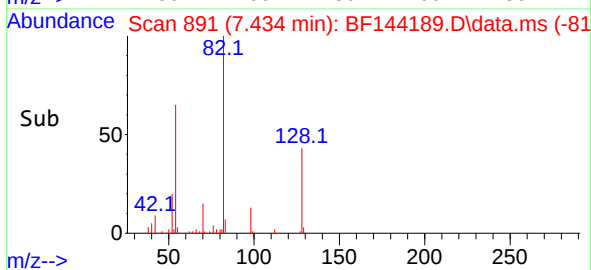
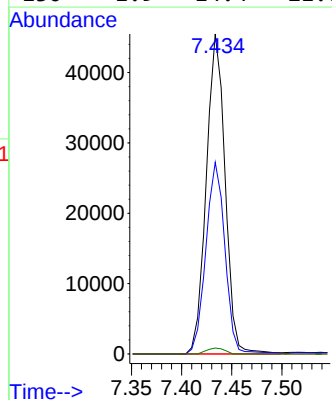
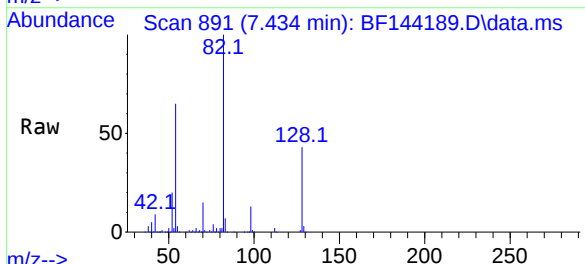
Instrument :
BNA_F
ClientSampleId :
N48969

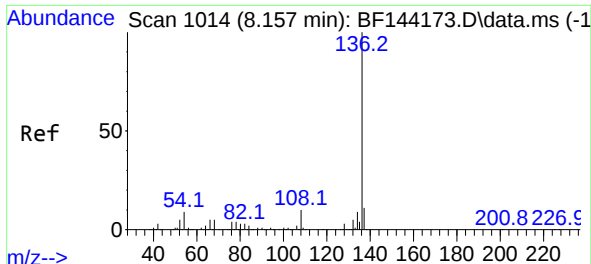
Tgt Ion: 99 Resp: 206130
Ion Ratio Lower Upper
99 100
42 23.4 20.9 31.3
71 35.8 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.383 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion: 70 Resp: 59626
Ion Ratio Lower Upper
70 100
42 59.9 58.3 87.5
101 0.0 7.0 10.6#
130 1.9 14.4 21.6#



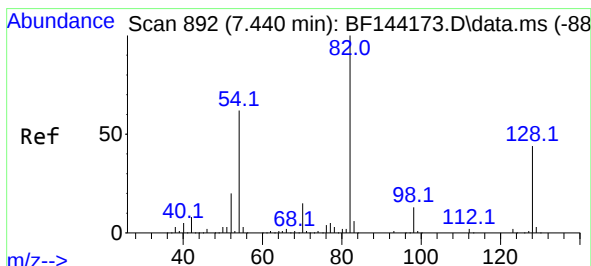
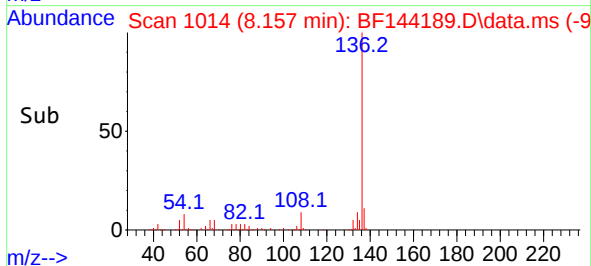
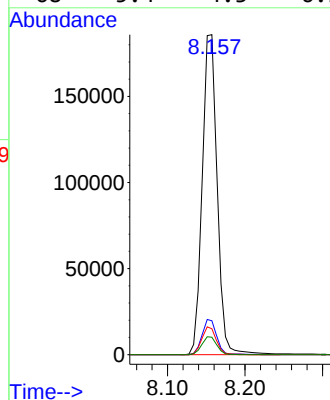
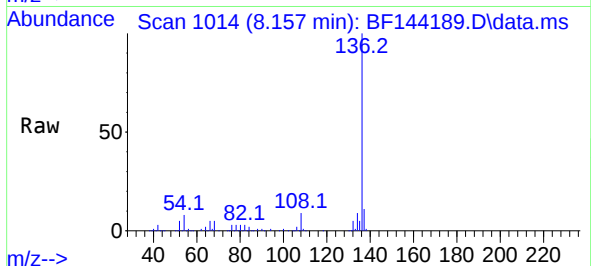


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Instrument :
BNA_F
ClientSampleId :
N48969

Tgt Ion:136 Resp: 249541

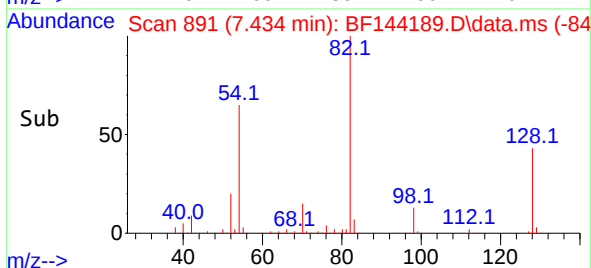
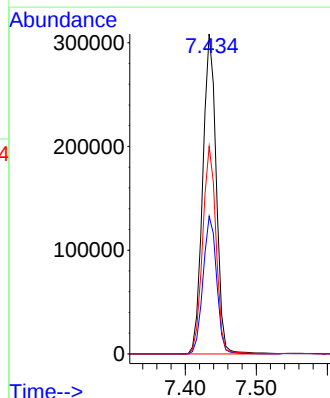
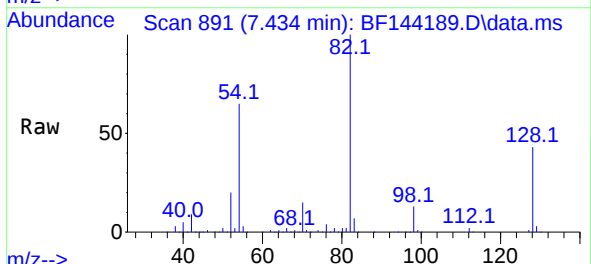
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	7.0	10.6
68	5.4	4.3	6.5

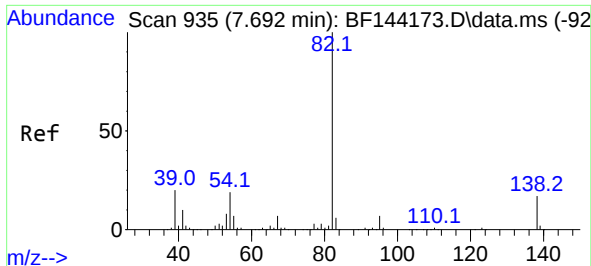


#23
Nitrobenzene-d5
Concen: 94.560 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion: 82 Resp: 408564

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.7	52.1
54	64.9	49.5	74.3

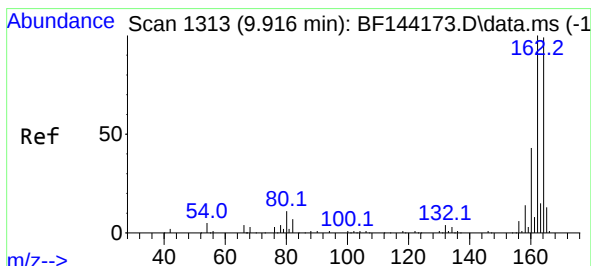
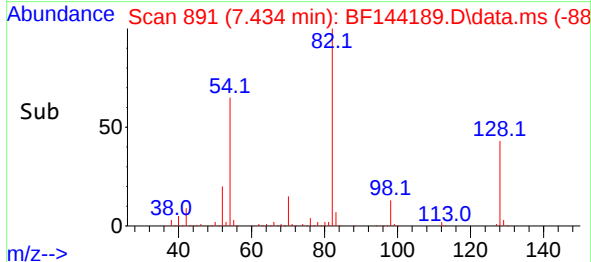
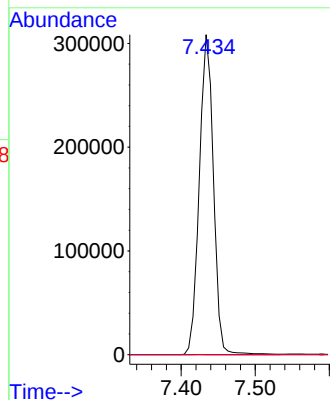
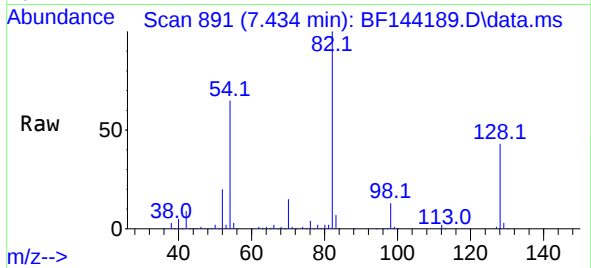




#25
Isophorone
Concen: 49.991 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

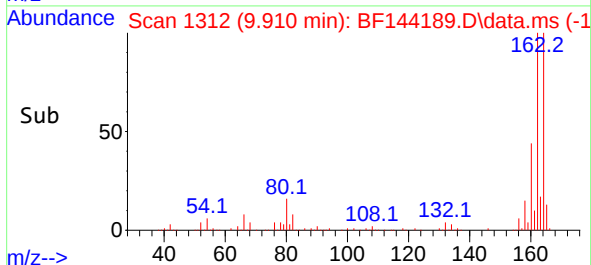
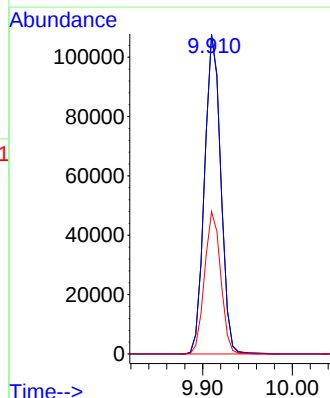
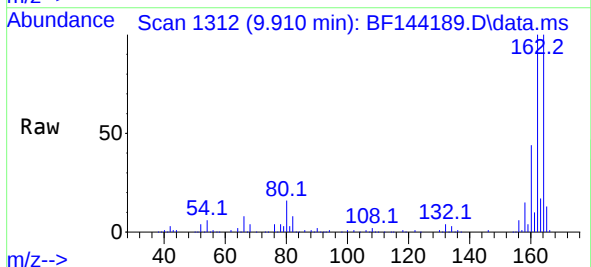
Instrument :
BNA_F
ClientSampleId :
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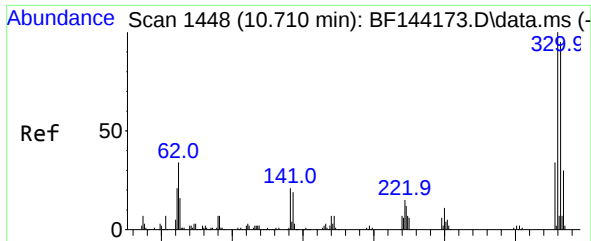
Tgt Ion: 82 Resp: 408560
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

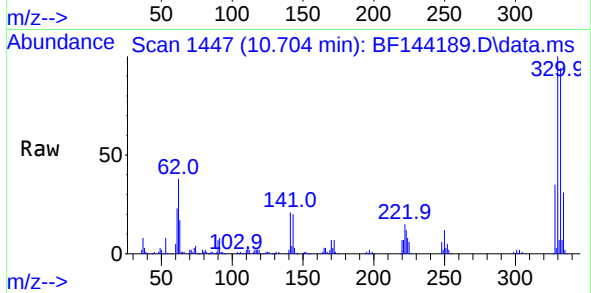
Tgt Ion:164 Resp: 134867
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 44.6 34.5 51.7



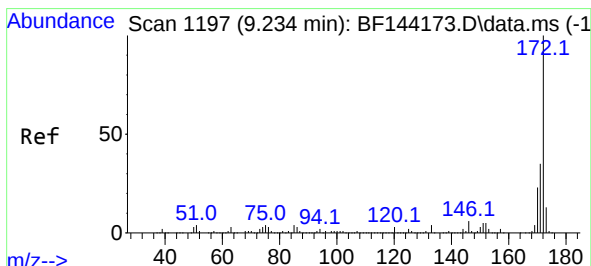
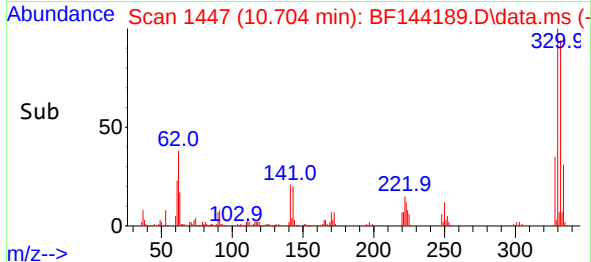
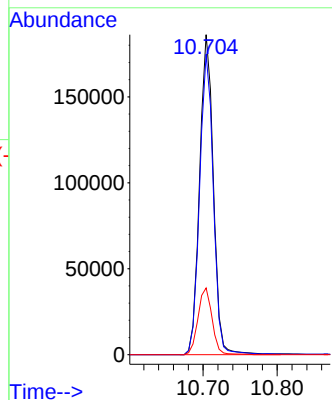


#42
2,4,6-Tribromophenol
Concen: 141.866 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Instrument :
BNA_F
ClientSampleId :
N48969

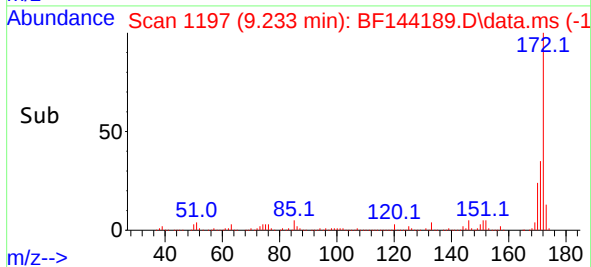
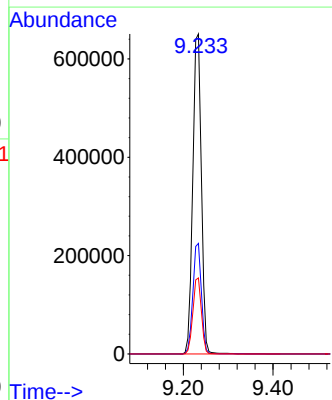
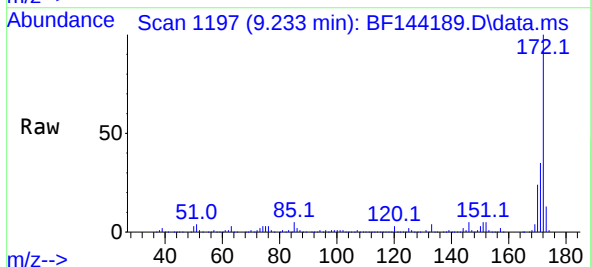


Tgt Ion:330 Resp: 240098
Ion Ratio Lower Upper
330 100
332 93.8 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 94.959 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:172 Resp: 867119
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.8 18.6 28.0

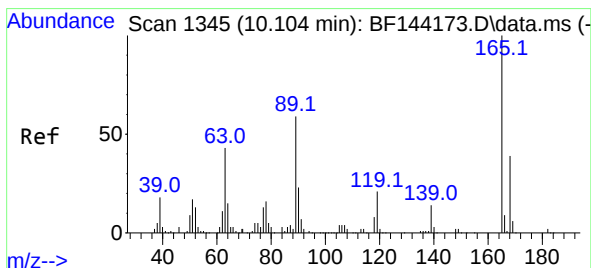
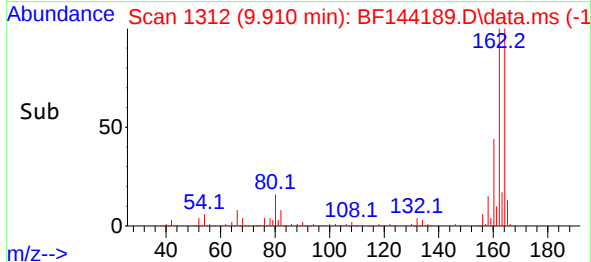
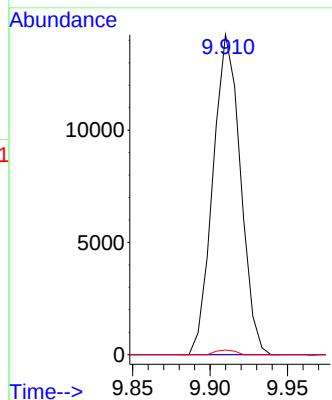
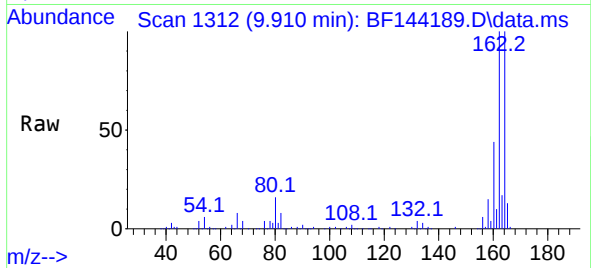




#51
2,6-Dinitrotoluene
Concen: 9.729 ng
RT: 9.910 min Scan# 1312
Delta R.T. 0.218 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

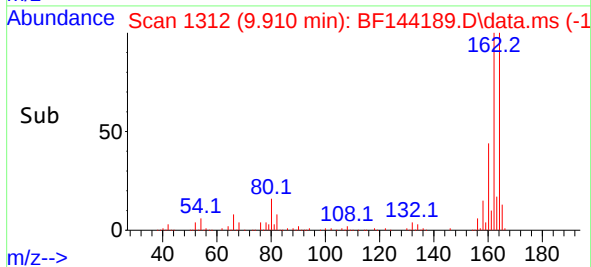
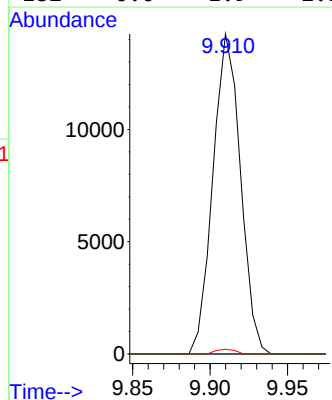
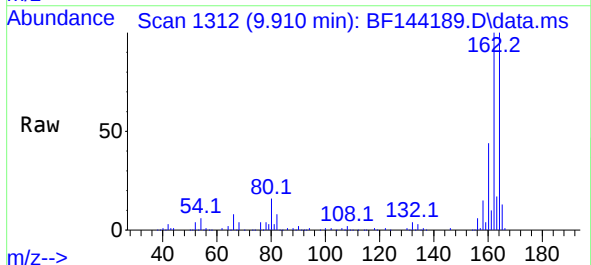
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BNA_F
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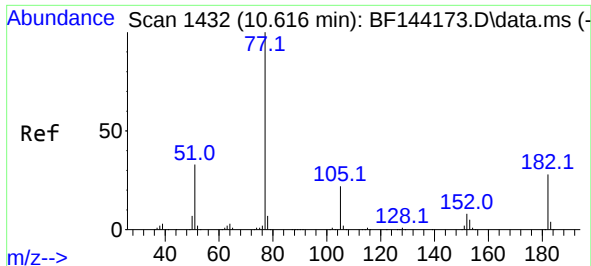
Tgt Ion:165 Resp: 17596
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 1.5 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.267 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.188 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:165 Resp: 17596
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 1.5 47.4 71.2#
182 0.0 1.9 2.9#

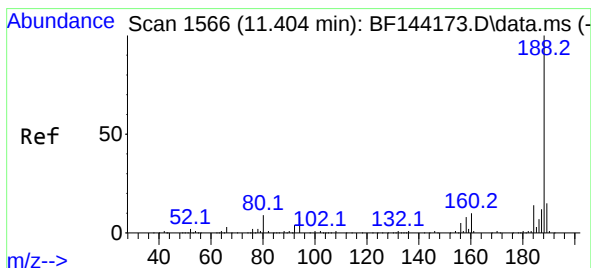
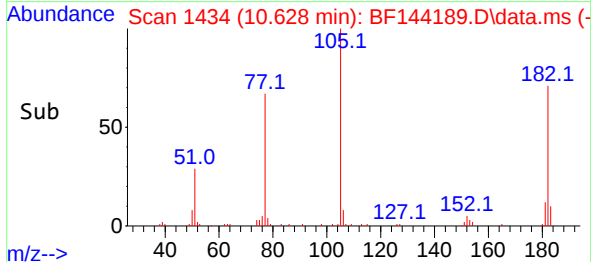
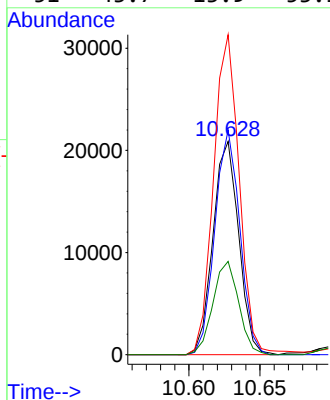
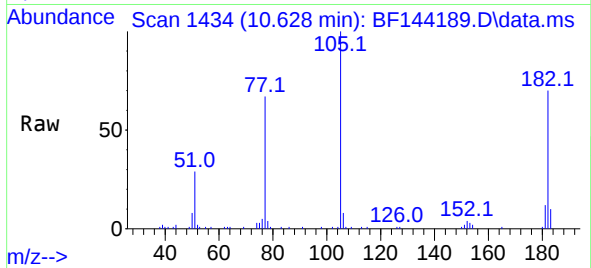




#63
Azobenzene
Concen: 3.430 ng
RT: 10.628 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

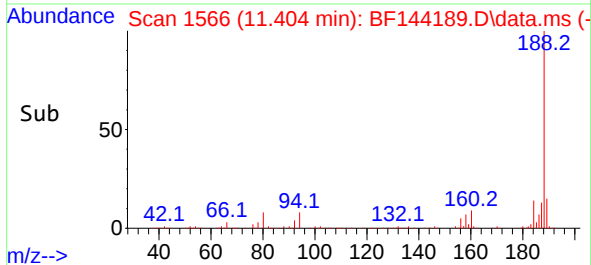
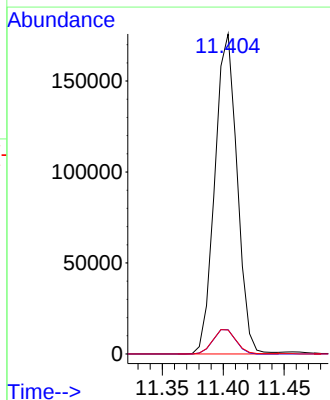
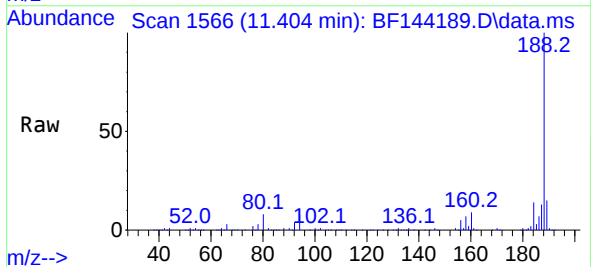
Instrument :
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N48969

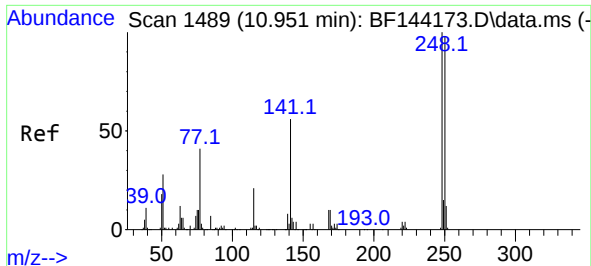
Tgt Ion: 77	Resp: 26295
Ion Ratio	Lower Upper
77 100	
182 105.3	8.1 48.1#
105 150.0	2.0 42.0#
51 43.7	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion: 188	Resp: 224075
Ion Ratio	Lower Upper
188 100	
94 7.6	6.2 9.2
80 7.5	6.9 10.3

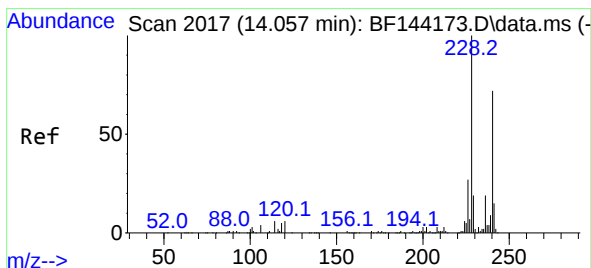
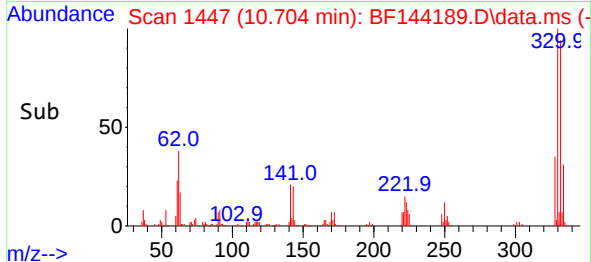
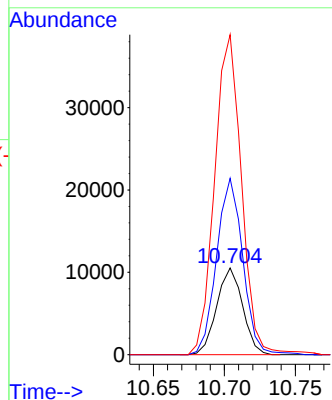
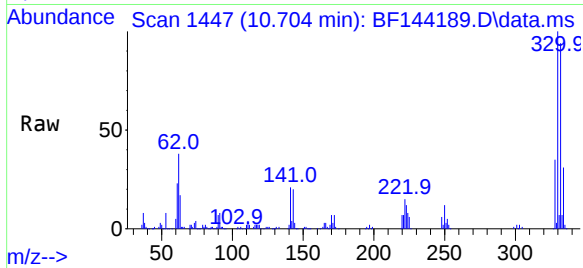




#67
4-Bromophenyl-phenylether
Concen: 4.674 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

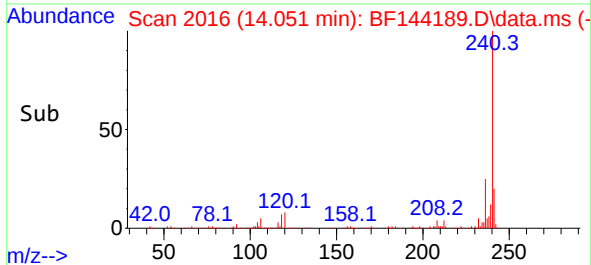
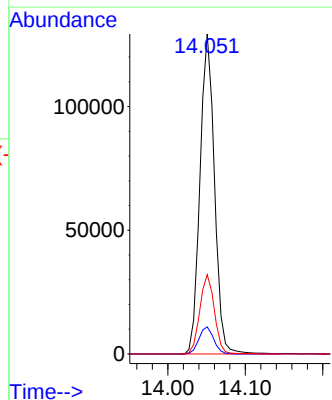
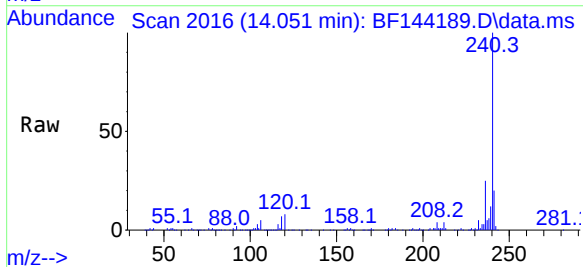
Instrument :
BNA_F
ClientSampleId :
N48969

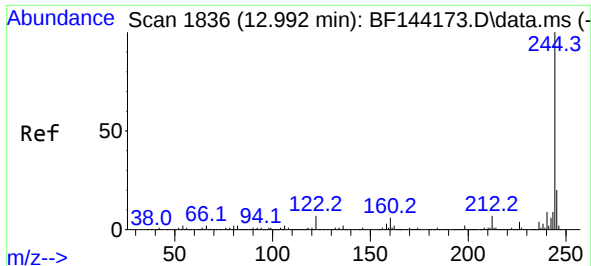
Tgt Ion:248 Resp: 13367
Ion Ratio Lower Upper
248 100
250 203.5 78.4 117.6#
141 369.2 45.1 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:240 Resp: 167742
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 24.8 21.4 32.2

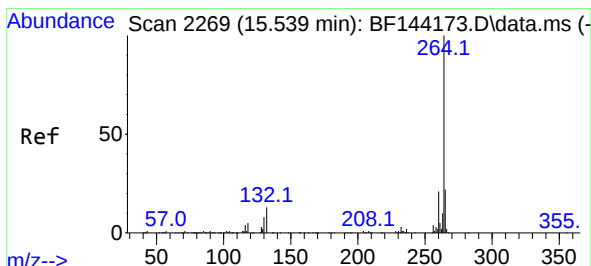
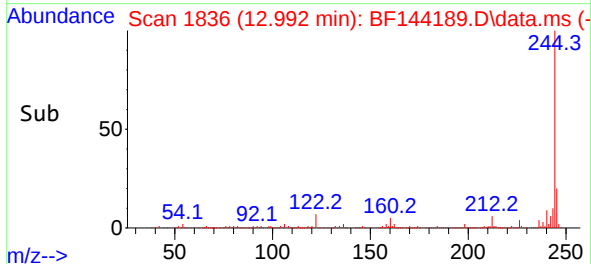
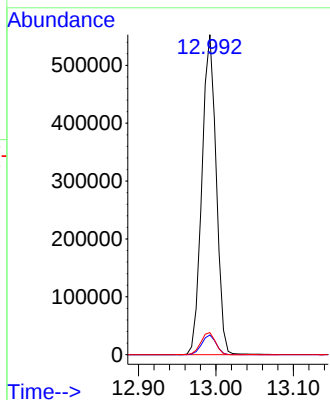
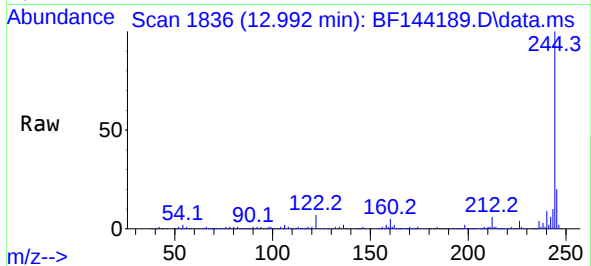




#79
Terphenyl-d14
Concen: 67.124 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Instrument :
BNA_F
ClientSampleId :
N48969

Tgt Ion:244 Resp: 708852
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 6.9 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144189.D
Acq: 06 Nov 2025 15:54

Tgt Ion:264 Resp: 139517
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 21.4 17.4 26.0

