

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142850.D
 Acq On : 25 Jun 2025 21:40
 Operator : RC/JU
 Sample : Q2399-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Jun 26 01:21:21 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)

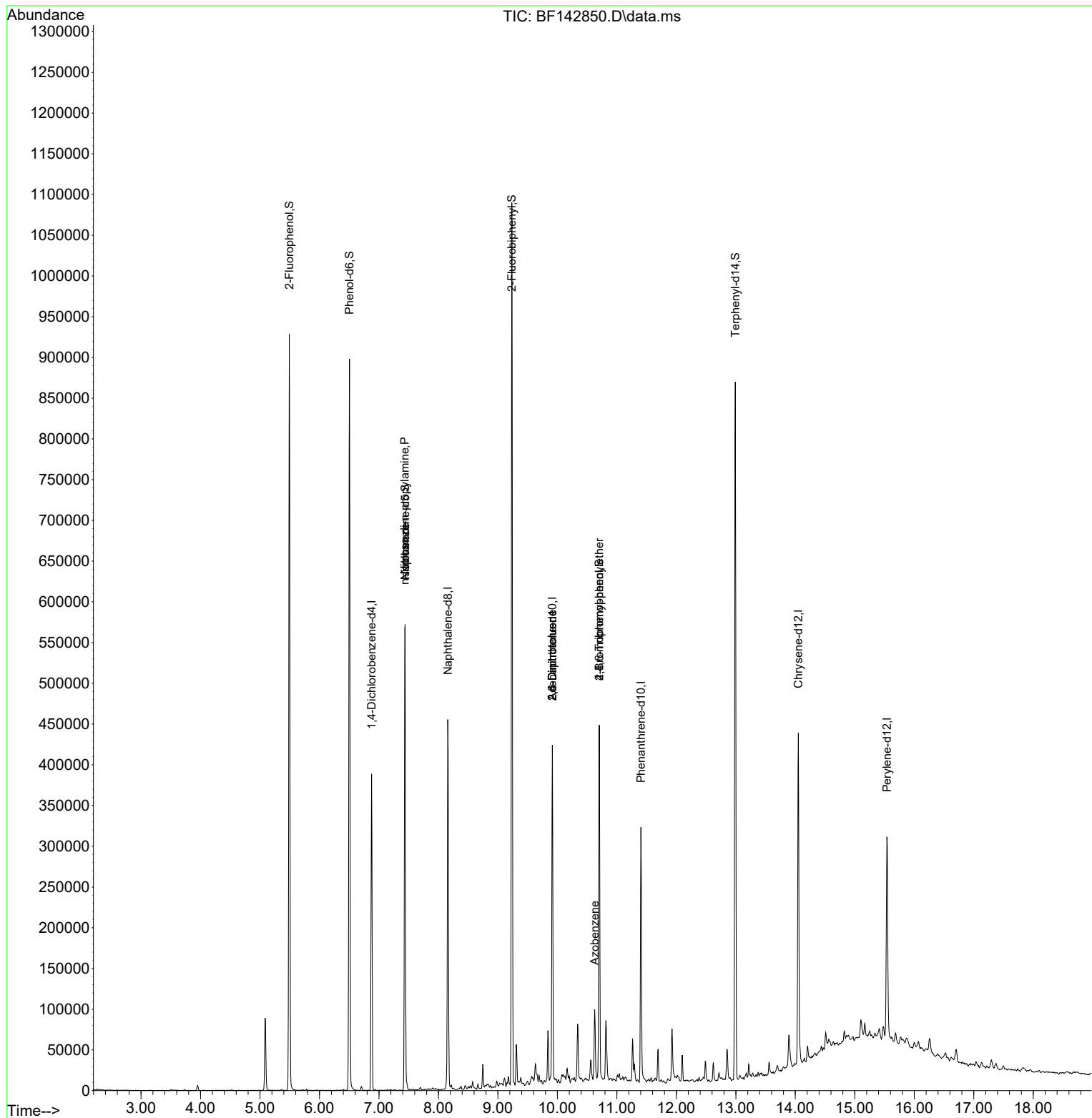
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83688	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	297271	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	120621	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	159002	20.000	ng	0.00
76) Chrysene-d12	14.051	240	189357	20.000	ng	0.00
86) Perylene-d12	15.539	264	144399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	349086	69.449	ng	0.00
7) Phenol-d6	6.504	99	406956	68.623	ng	0.00
23) Nitrobenzene-d5	7.439	82	248990	45.942	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	72271	58.223	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	473239	51.540	ng	-0.01
79) Terphenyl-d14	12.992	244	413314	30.159	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	33753	9.786	ng	# 75
25) Isophorone	7.439	82	249018	28.643	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	16168	9.429	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	16168	7.099	ng	# 26
63) Azobenzene	10.627	77	20754	3.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	4261	2.355	ng	# 1

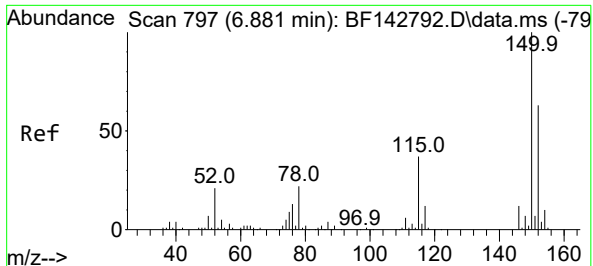
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

Quant Time: Jun 26 01:21:21 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

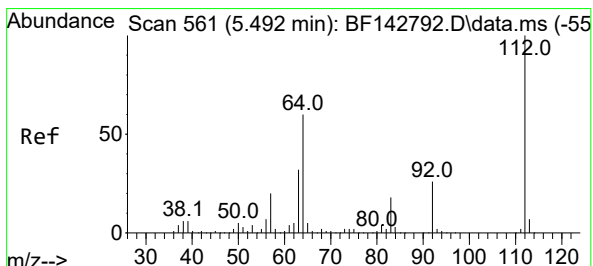
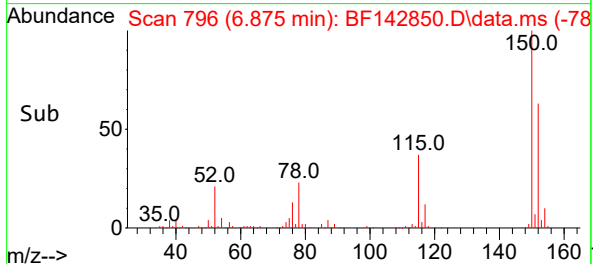
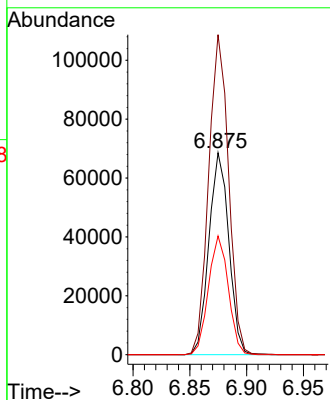
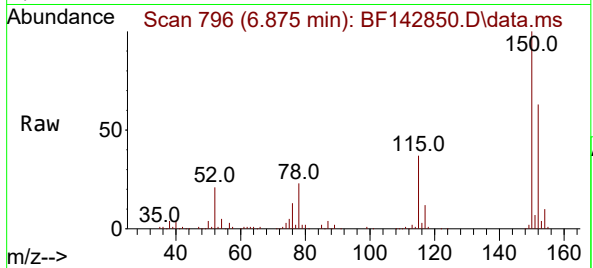




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

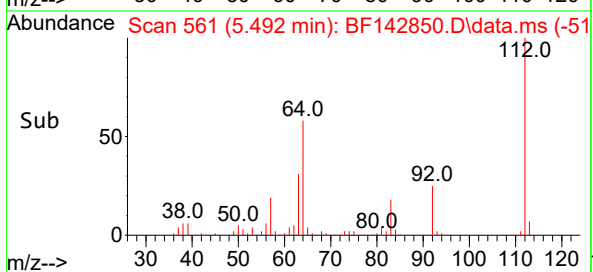
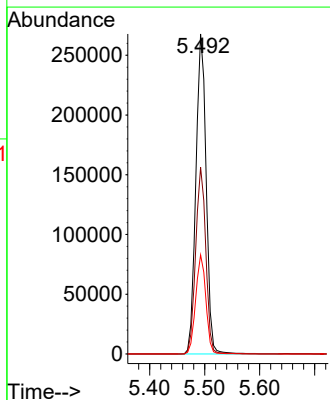
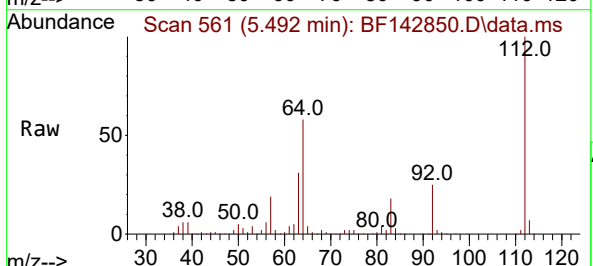
Instrument :
BNA_F
ClientSampleId :
TP-13

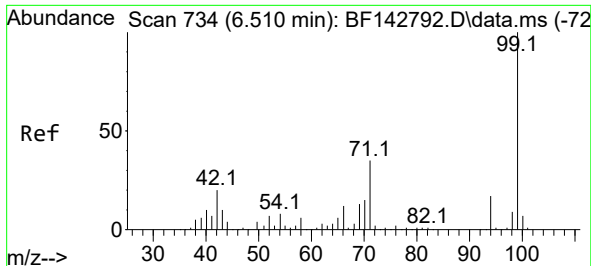
Tgt Ion:152 Resp: 83688
Ion Ratio Lower Upper
152 100
150 158.4 127.2 190.8
115 58.8 46.6 69.8



#5
2-Fluorophenol
Concen: 69.449 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion:112 Resp: 349086
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.2
63 30.9 25.7 38.5

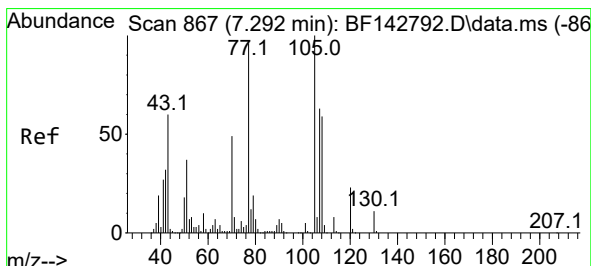
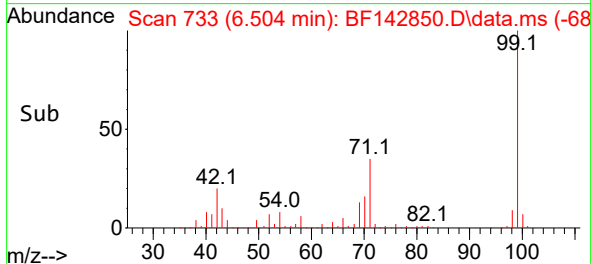
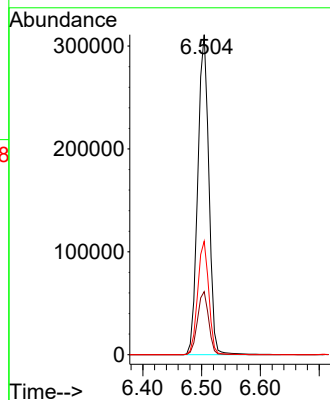
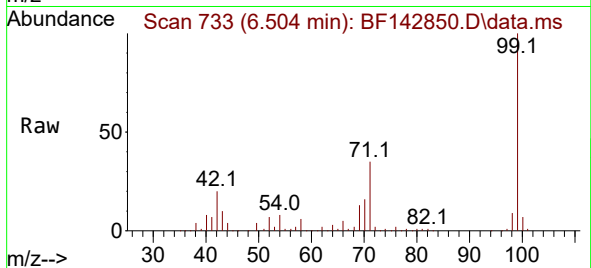




#7
Phenol-d6
Concen: 68.623 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

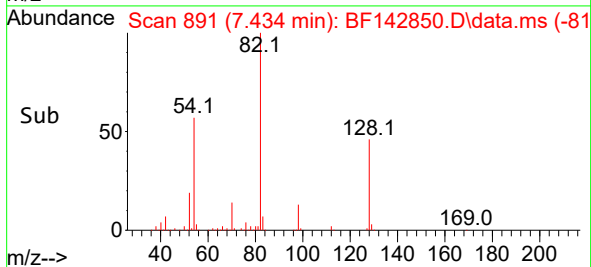
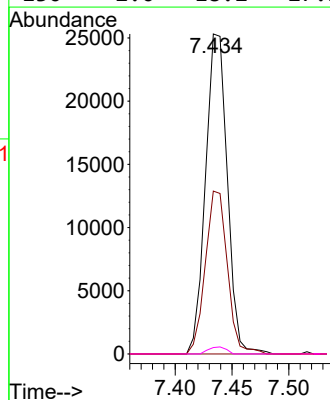
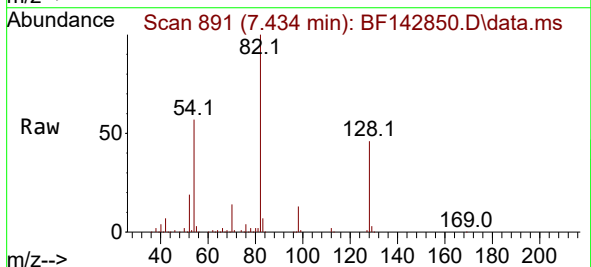
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 406956
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.4 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.786 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion: 70 Resp: 33753
Ion Ratio Lower Upper
70 100
42 50.9 52.1 78.1#
101 0.0 8.2 12.2#
130 2.0 18.2 27.2#

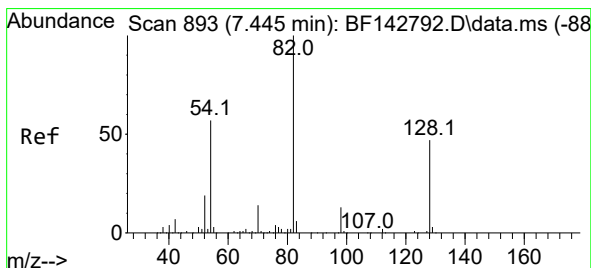
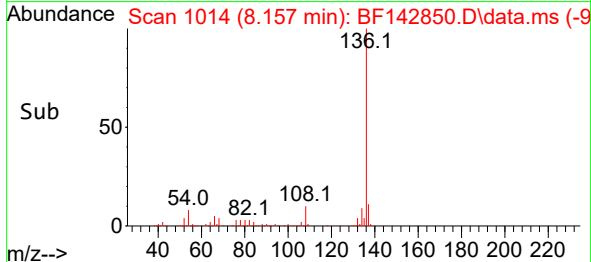
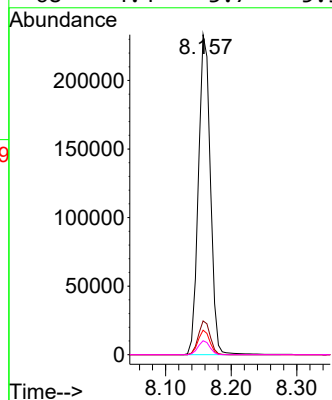
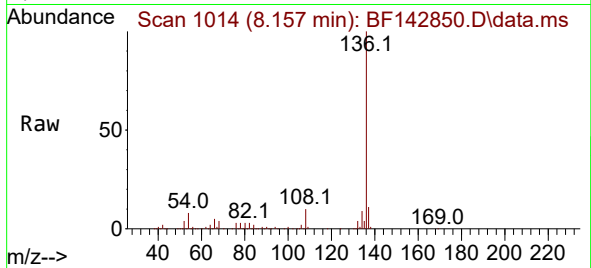




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

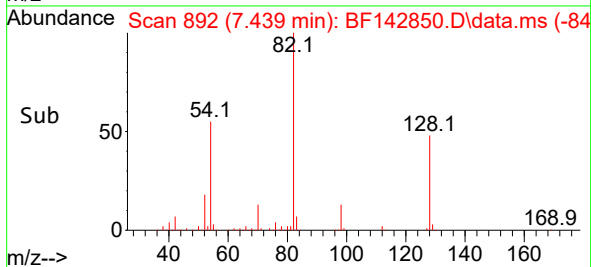
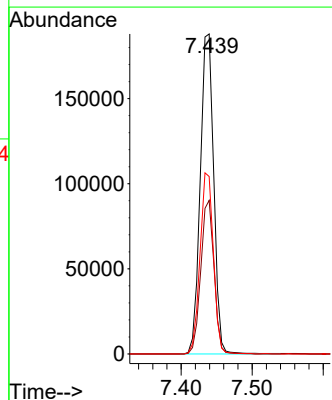
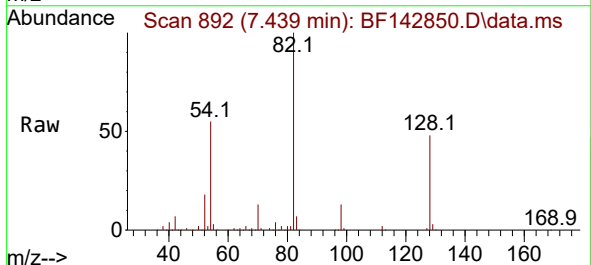
Instrument :
BNA_F
ClientSampleId :
TP-13

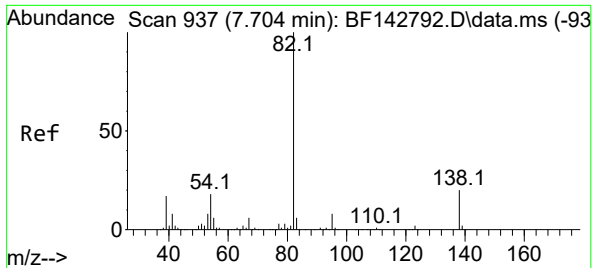
Tgt Ion:136 Resp: 297271
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.7 6.3 9.5
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 45.942 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion: 82 Resp: 248990
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 55.5 45.7 68.5

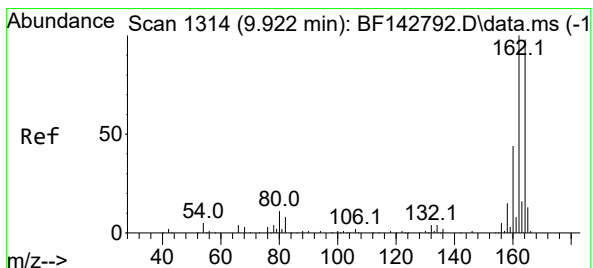
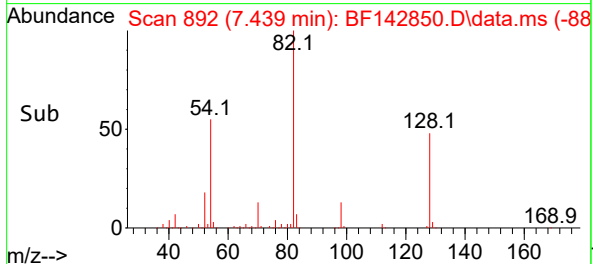
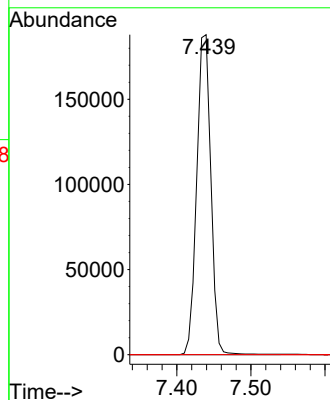
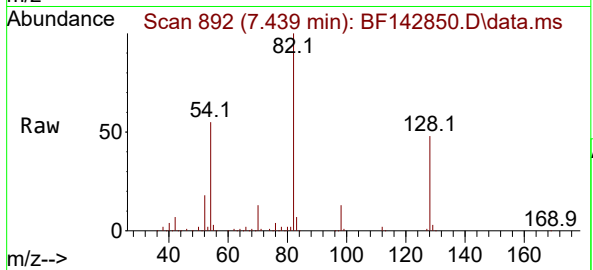




#25
Isophorone
Concen: 28.643 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

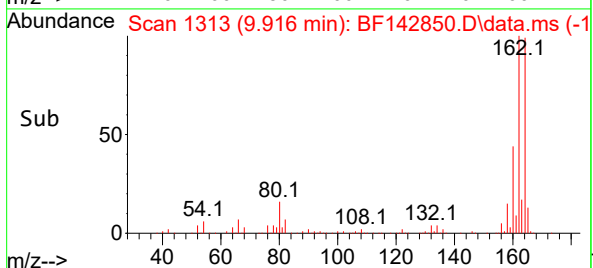
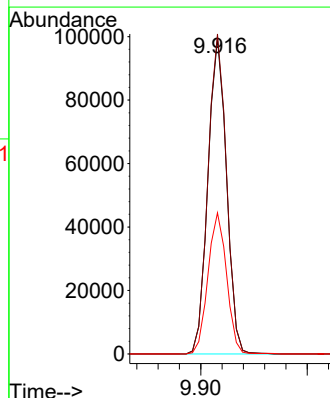
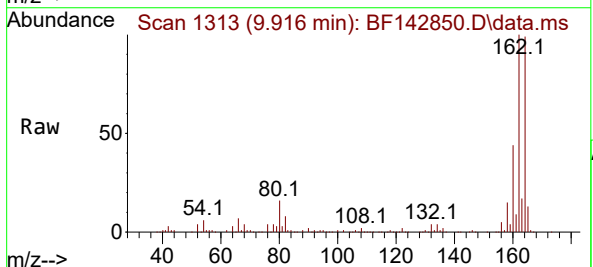
Instrument :
BNA_F
ClientSampleId :
TP-13

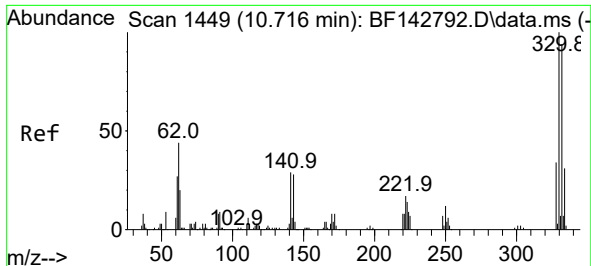
Tgt Ion: 82 Resp: 249018
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

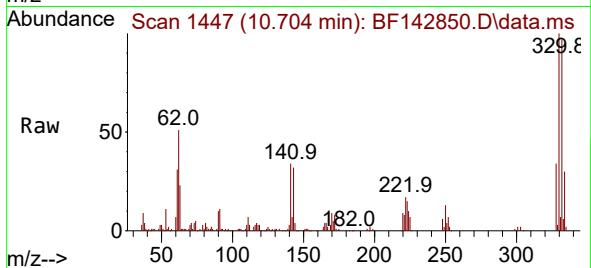
Tgt Ion:164 Resp: 120621
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.8
160 44.7 36.0 54.0



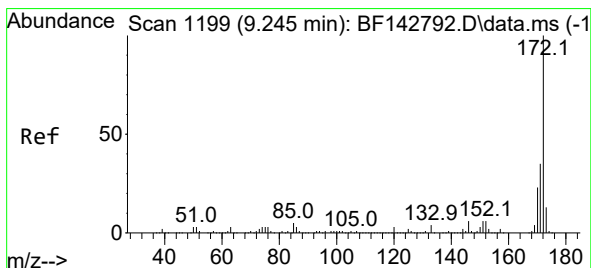
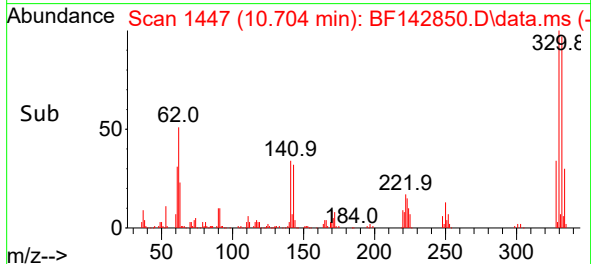
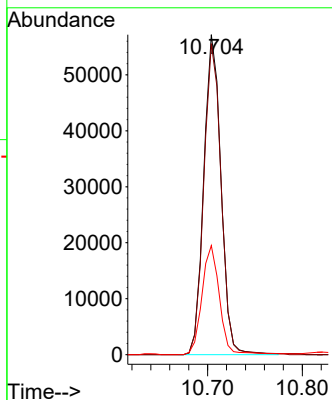


#42
2,4,6-Tribromophenol
Concen: 58.223 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Instrument :
BNA_F
ClientSampleId :
TP-13

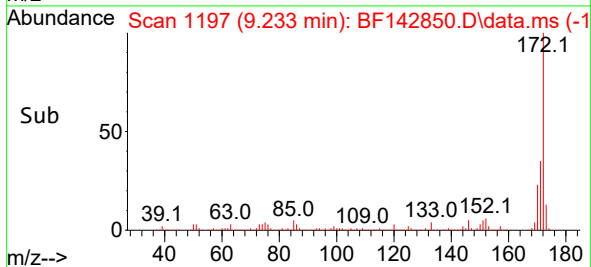
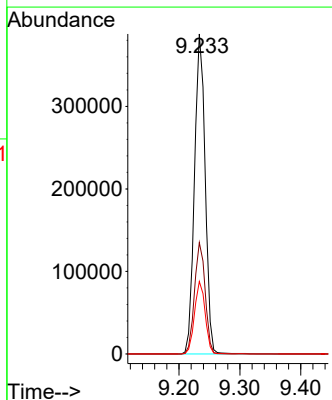
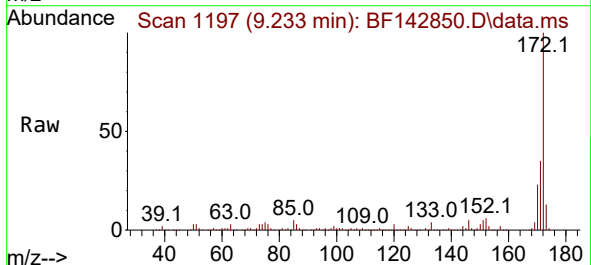


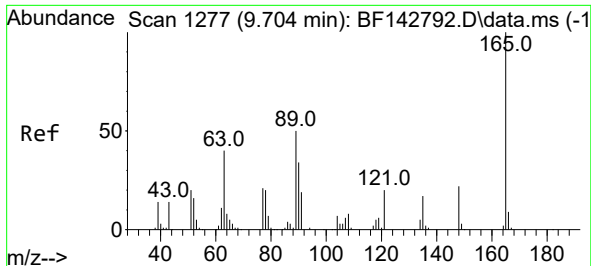
Tgt Ion:330 Resp: 72271
Ion Ratio Lower Upper
330 100
332 97.9 75.0 112.6
141 34.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 51.540 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion:172 Resp: 473239
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.6 18.5 27.7

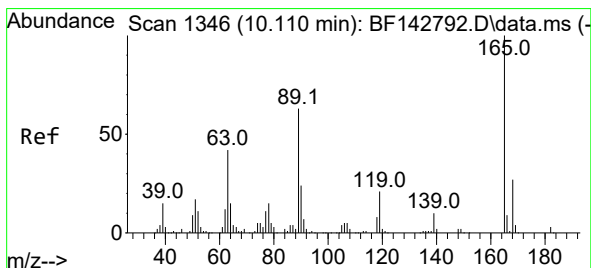
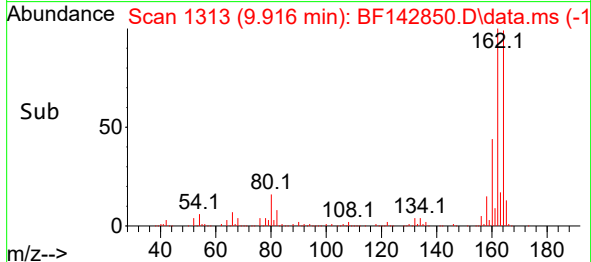
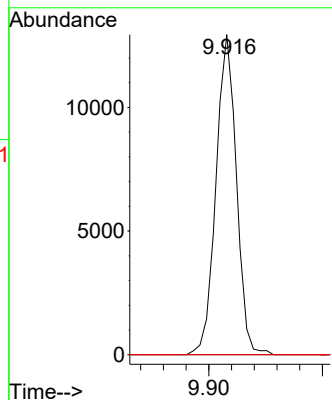
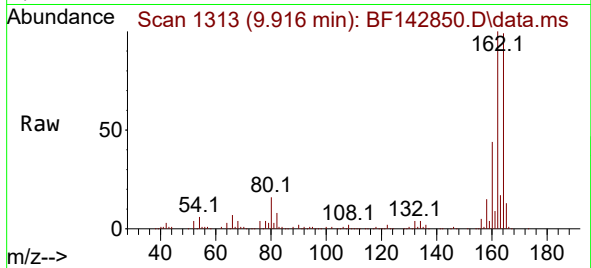




#51
2,6-Dinitrotoluene
Concen: 9.429 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

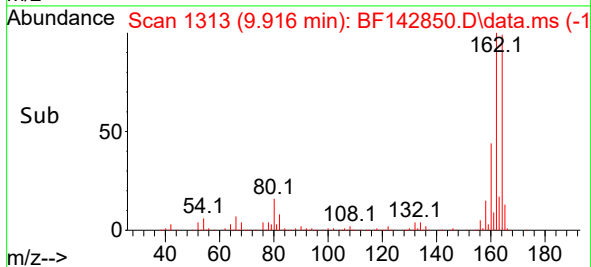
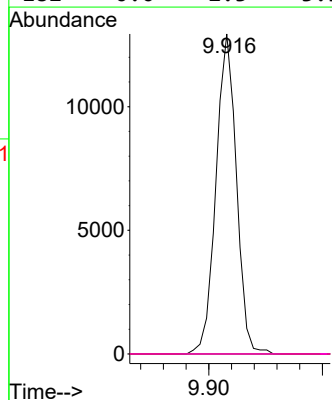
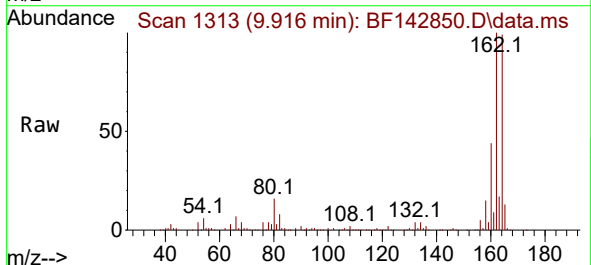
Instrument :
BNA_F
ClientSampleId :
TP-13

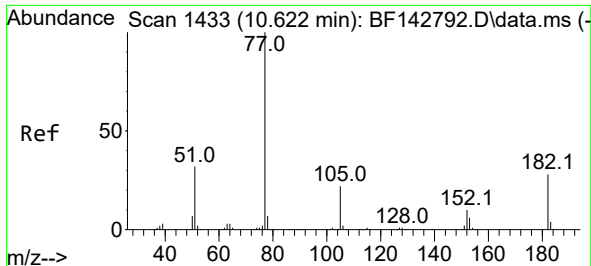
Tgt Ion:165 Resp: 16168
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 7.099 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion:165 Resp: 16168
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 0.0 50.6 75.8#
182 0.0 2.3 3.5#

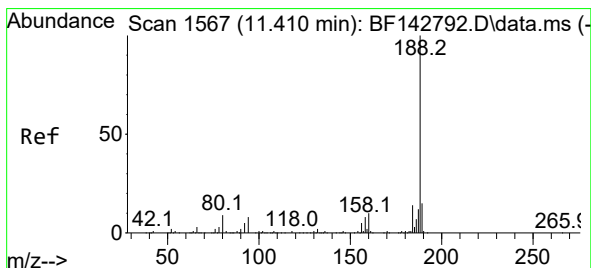
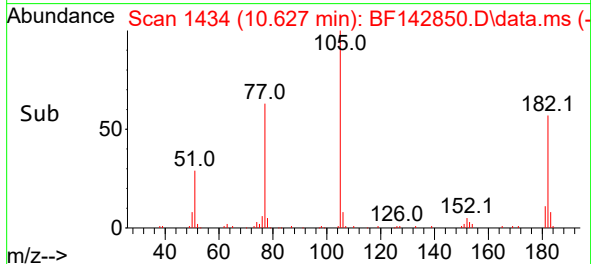
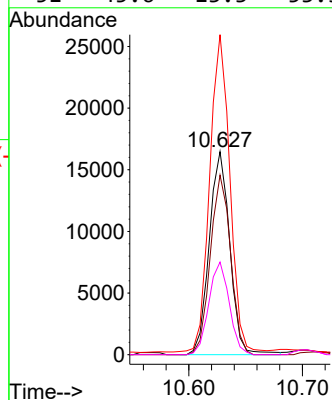
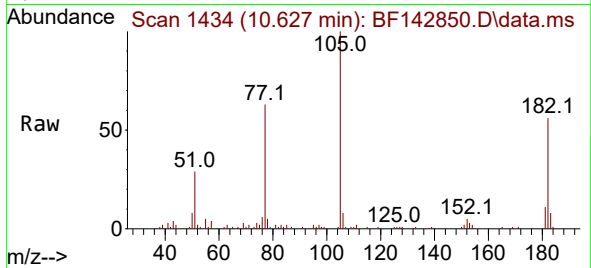




#63
Azobenzene
Concen: 3.033 ng
RT: 10.627 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

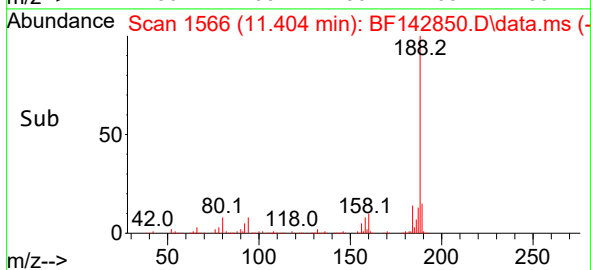
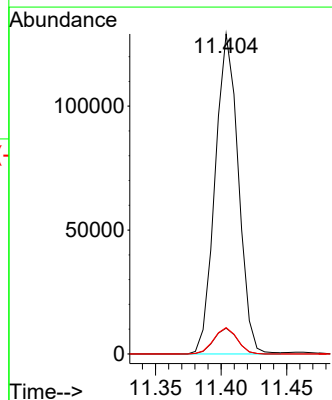
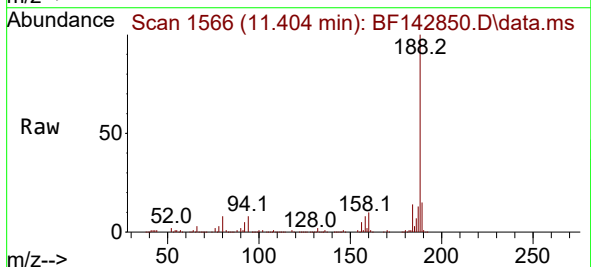
Instrument :
BNA_F
ClientSampleId :
TP-13

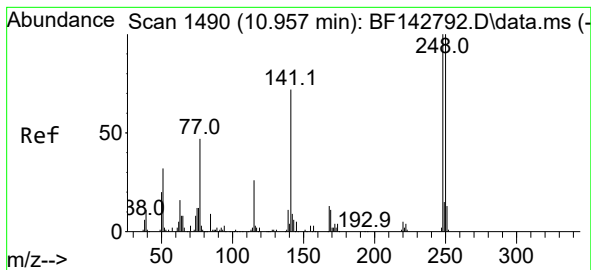
Tgt Ion: 77 Resp: 20754
Ion Ratio Lower Upper
77 100
182 88.4 7.7 47.7#
105 157.6 1.9 41.9#
51 45.6 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion: 188 Resp: 159002
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.2 6.9 10.3

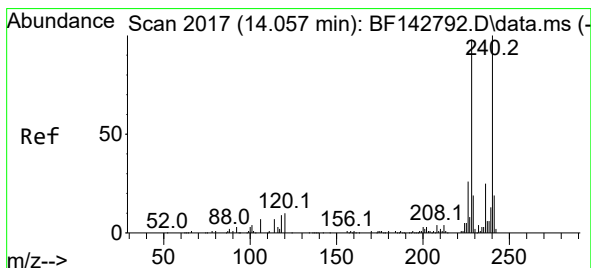
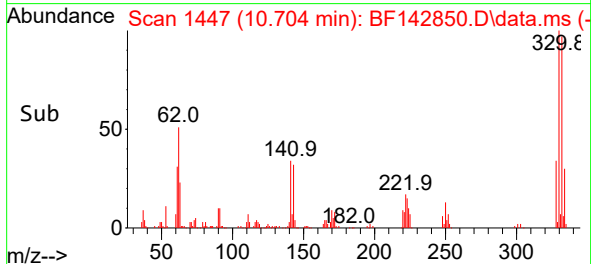
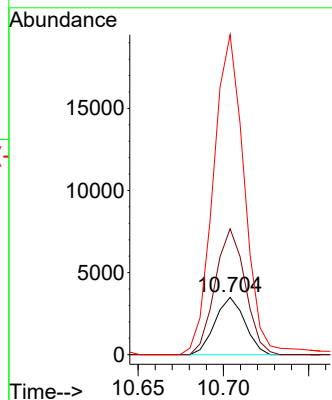
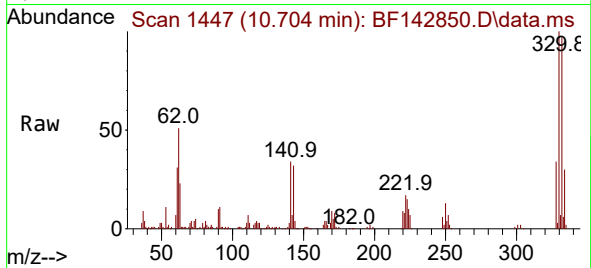




#67
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.704 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

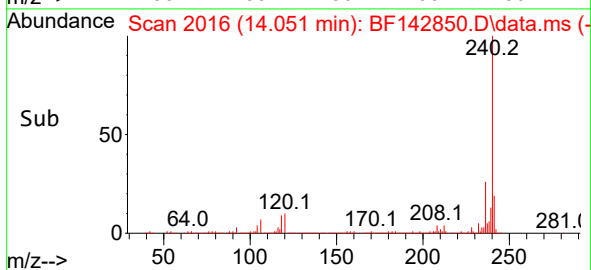
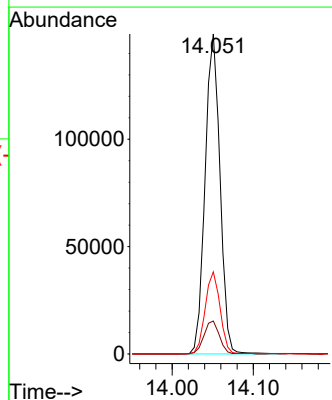
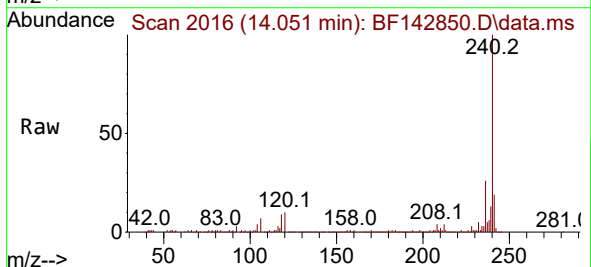
Instrument :
BNA_F
ClientSampleId :
TP-13

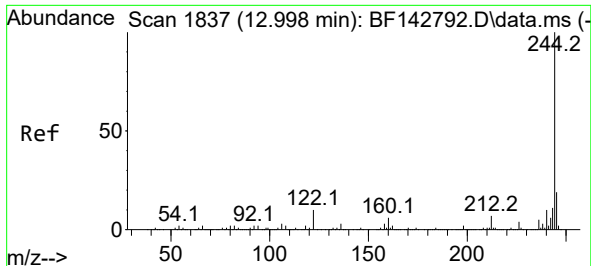
Tgt Ion:248 Resp: 4261
Ion Ratio Lower Upper
248 100
250 219.7 79.8 119.8#
141 558.1 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion:240 Resp: 189357
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.7 19.8 29.8

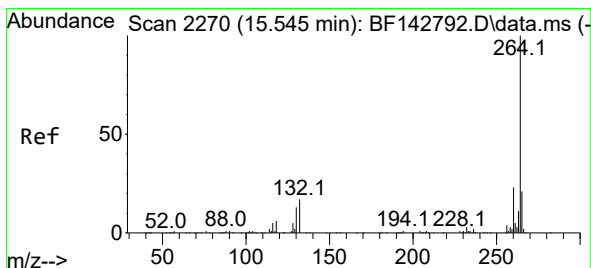
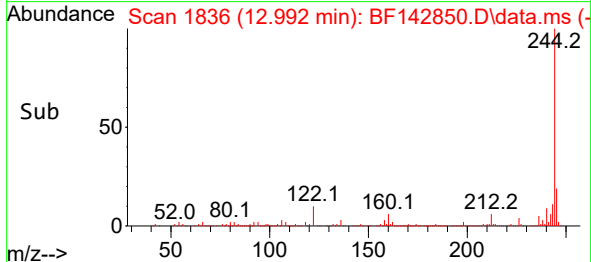
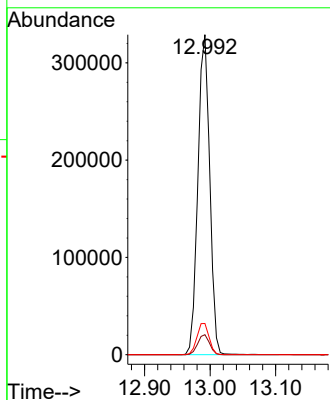
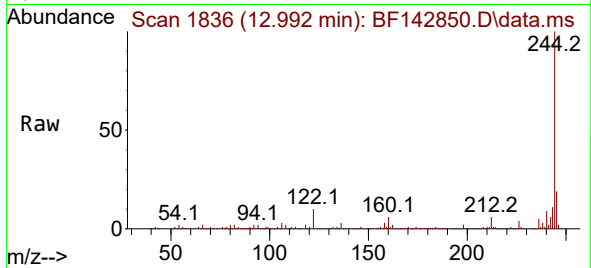




#79
Terphenyl-d14
Concen: 30.159 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:244 Resp: 413314
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.7 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142850.D
Acq: 25 Jun 2025 21:40

Tgt Ion:264 Resp: 144399
Ion Ratio Lower Upper
264 100
260 23.5 18.1 27.1
265 22.0 16.6 25.0

