

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142887.D
 Acq On : 27 Jun 2025 12:21
 Operator : RC/JU
 Sample : Q2425-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jun 27 13:00:27 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)

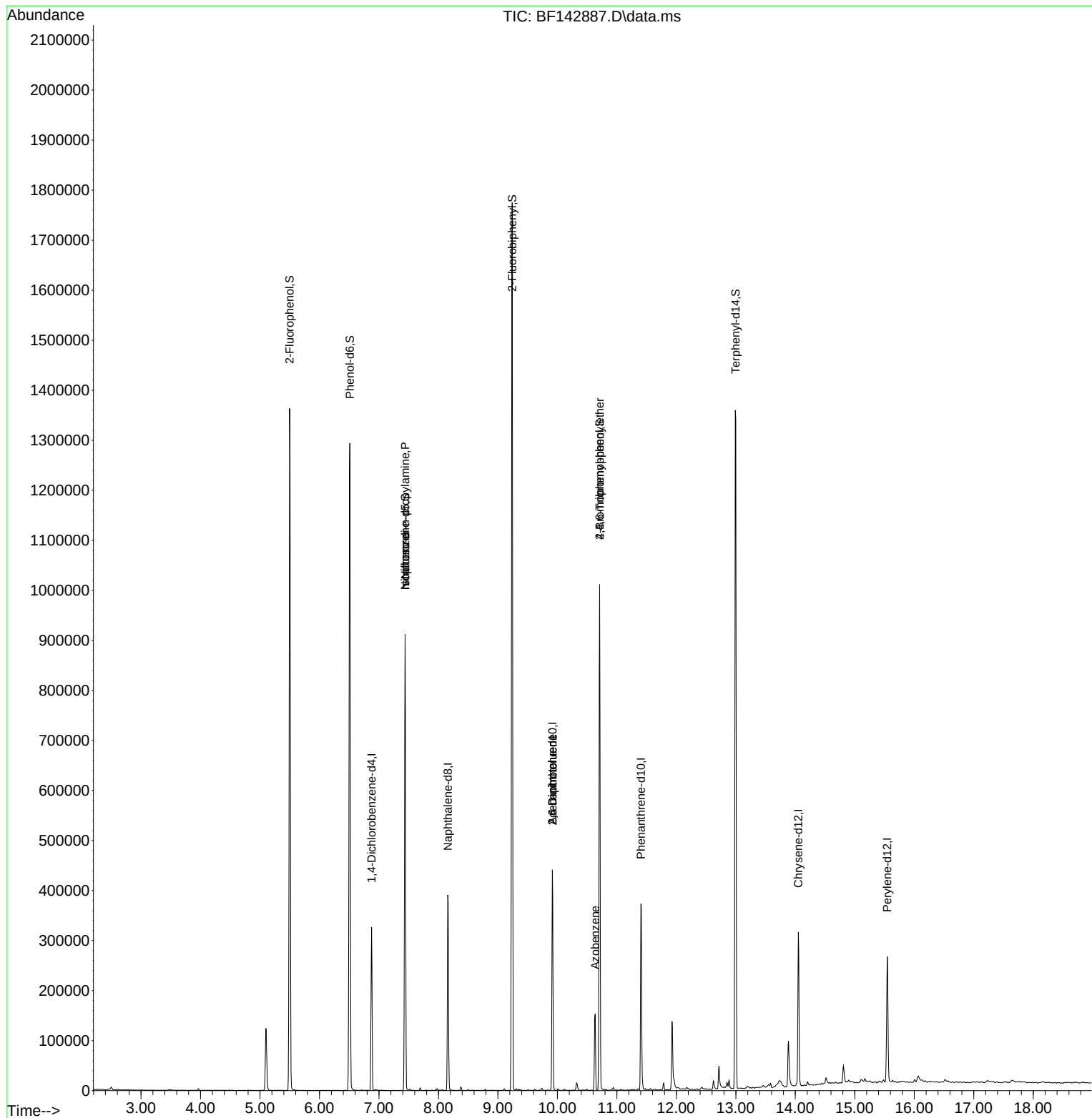
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263260	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135660	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	203415	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149806	20.000	ng	0.00
86) Perylene-d12	15.545	264	148502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	536065	128.932	ng	0.00
7) Phenol-d6	6.510	99	653039	133.129	ng	0.00
23) Nitrobenzene-d5	7.439	82	401580	83.670	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	172948	123.885	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	825191	79.908	ng	0.00
79) Terphenyl-d14	12.998	244	686306	63.300	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	54819	19.215	ng	# 75
25) Isophorone	7.439	82	401578	52.158	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	16989	8.810	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	16989	6.632	ng	# 28
63) Azobenzene	10.633	77	36271	4.713	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11548	4.988	ng	# 1

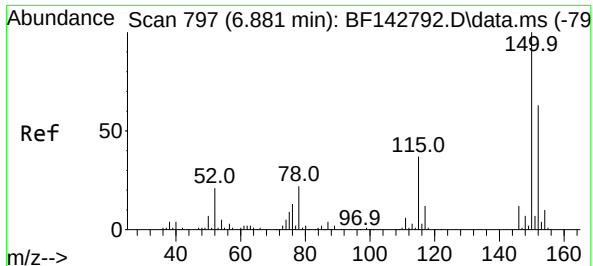
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Jun 27 13:00:27 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

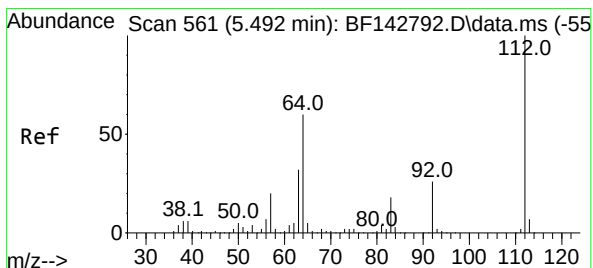
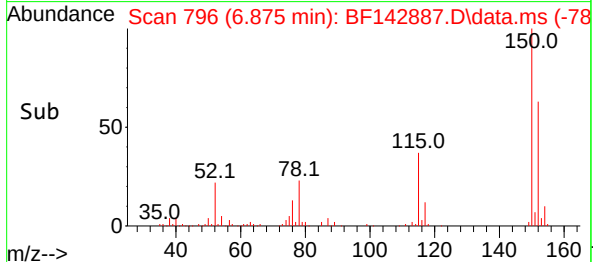
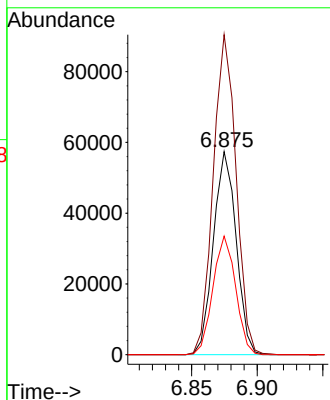
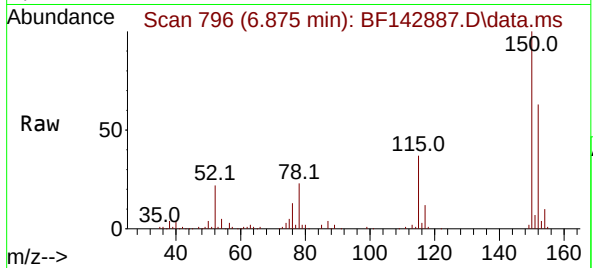




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

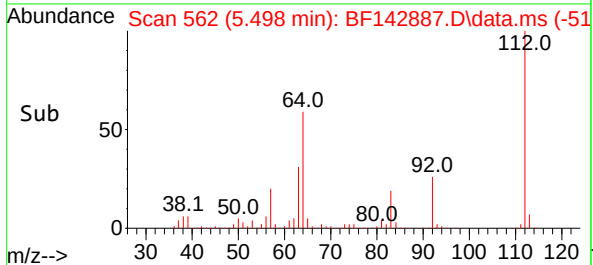
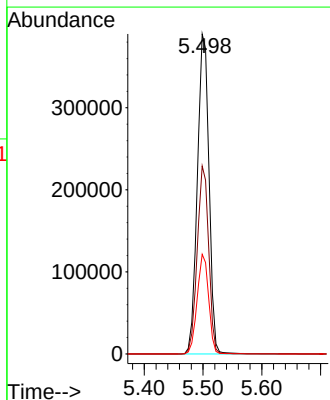
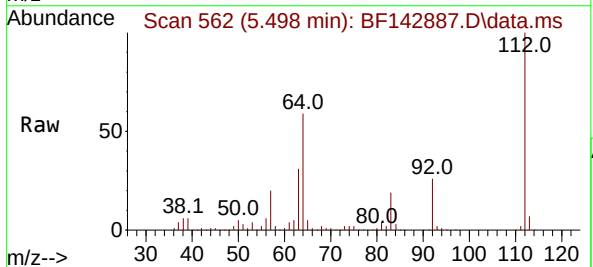
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

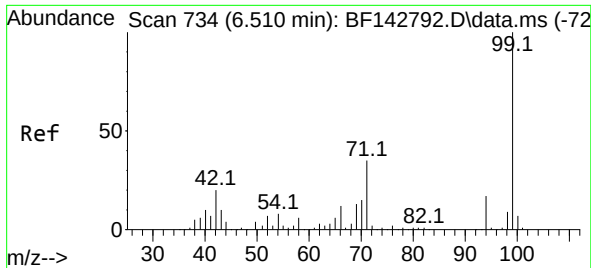
Tgt Ion:152 Resp: 69223
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.2 190.8
 115 58.4 46.6 69.8



#5
 2-Fluorophenol
 Concen: 128.932 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Tgt Ion:112 Resp: 536065
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.2 72.2
 63 31.2 25.7 38.5

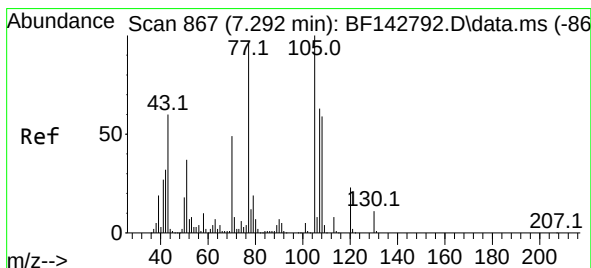
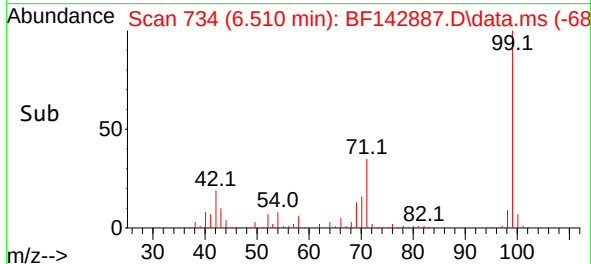
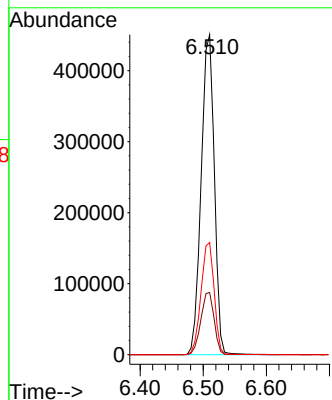
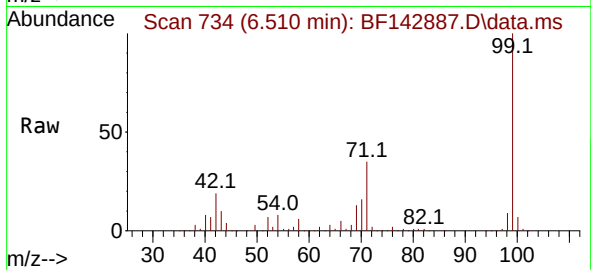




#7
Phenol-d6
Concen: 133.129 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

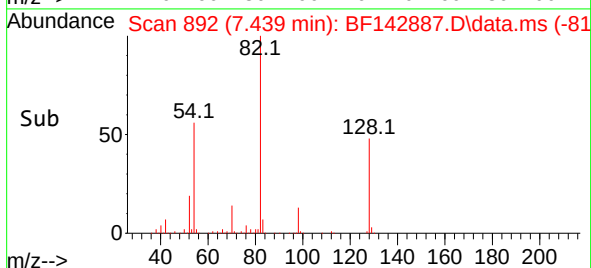
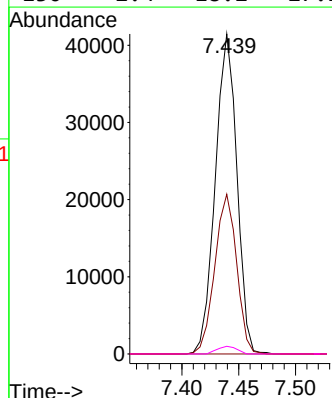
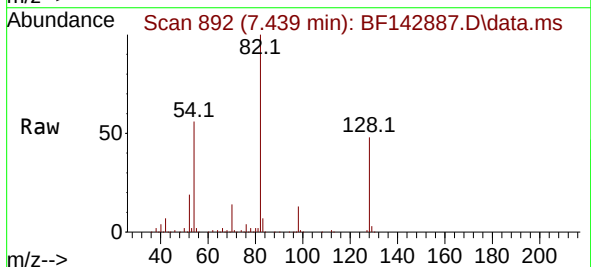
Instrument :
BNA_F
ClientSampleId :
COMP-2

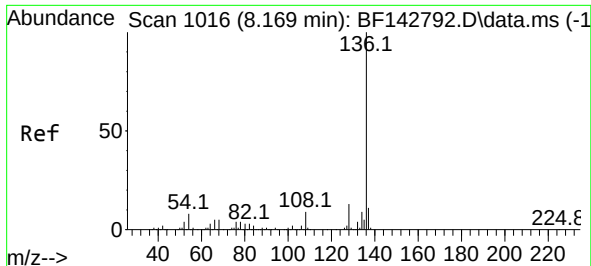
Tgt Ion: 99 Resp: 653039
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.215 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion: 70 Resp: 54819
Ion Ratio Lower Upper
70 100
42 49.9 52.1 78.1#
101 0.0 8.2 12.2#
130 2.4 18.2 27.2#

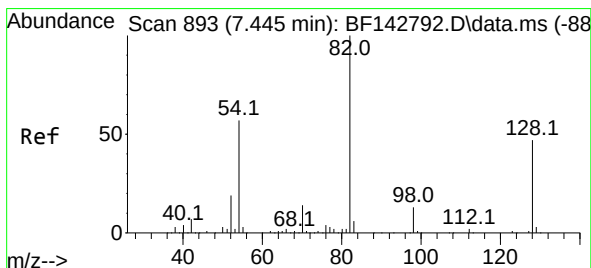
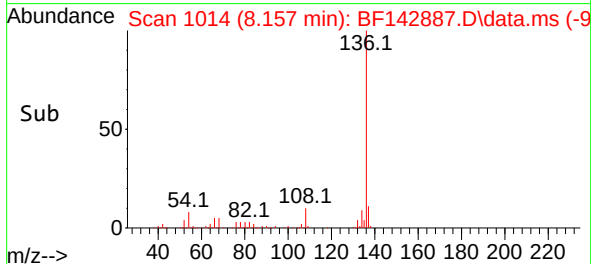
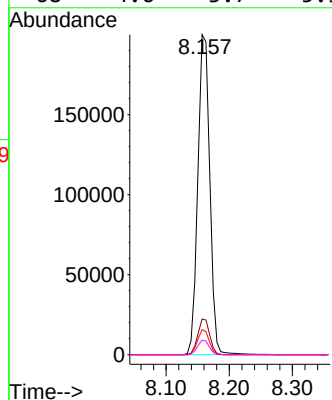
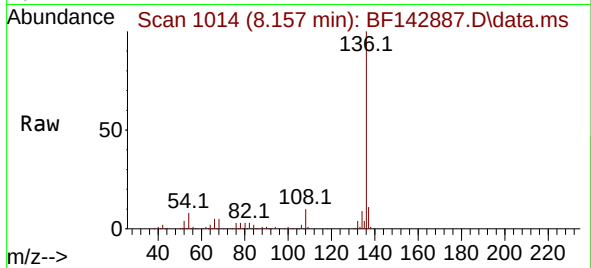




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

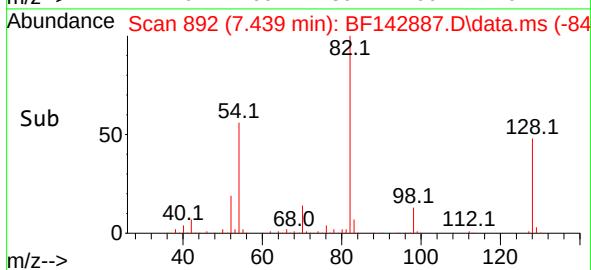
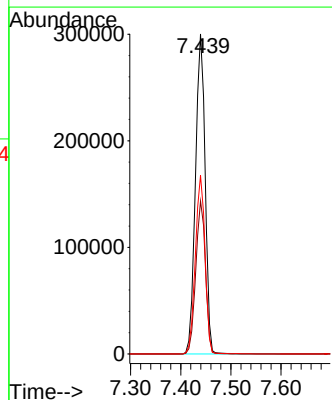
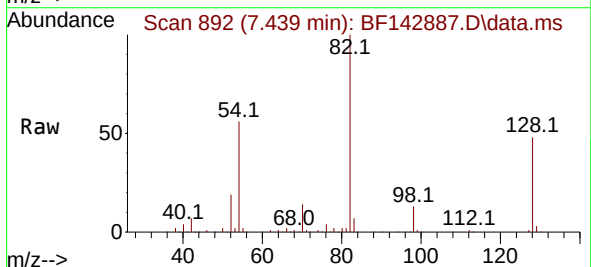
Instrument :
BNA_F
ClientSampleId :
COMP-2

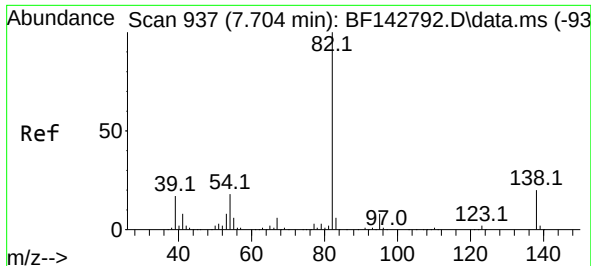
Tgt Ion:136 Resp: 263260
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.3 9.5
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 83.670 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion: 82 Resp: 401580
Ion Ratio Lower Upper
82 100
128 47.8 37.7 56.5
54 55.8 45.7 68.5

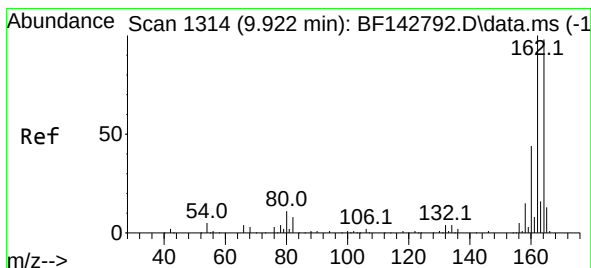
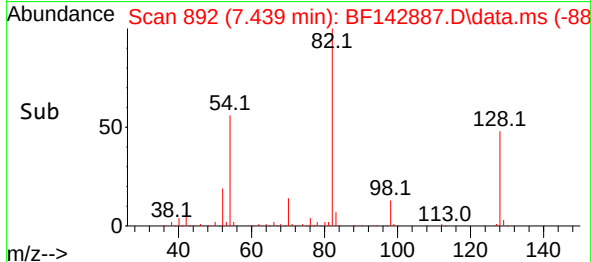
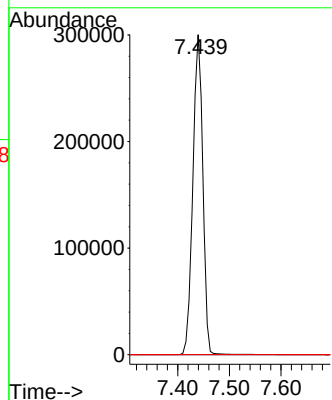
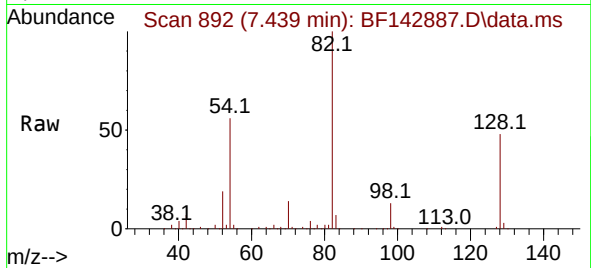




#25
Isophorone
Concen: 52.158 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

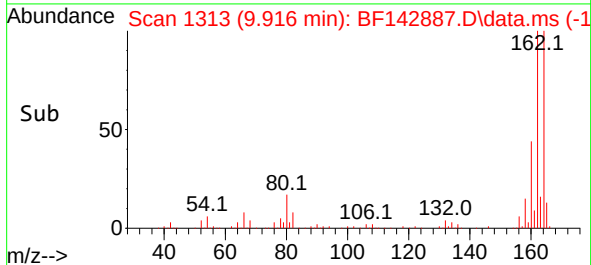
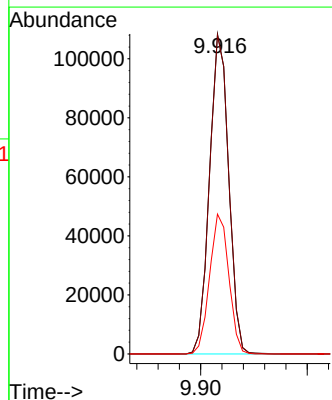
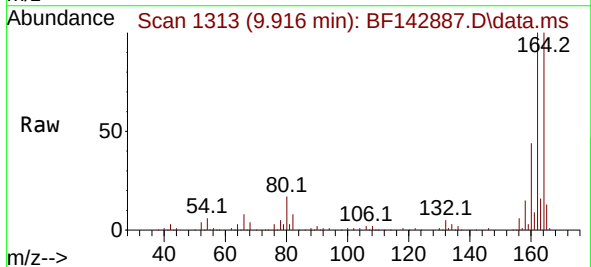
Instrument :
BNA_F
ClientSampleId :
COMP-2

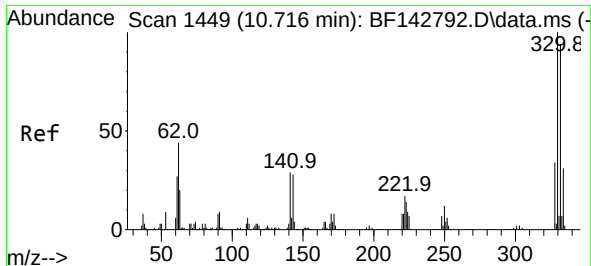
Tgt Ion: 82 Resp: 401578
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:164 Resp: 135660
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.8
160 43.7 36.0 54.0

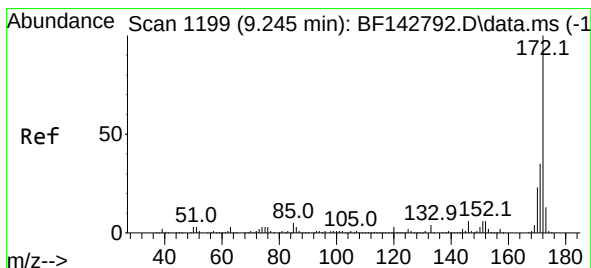
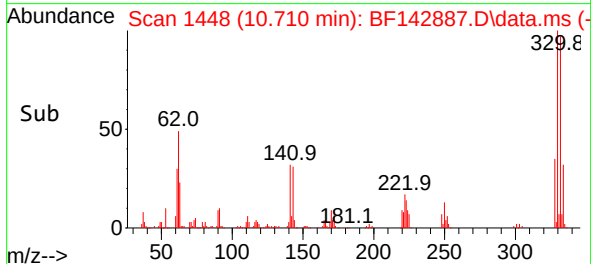
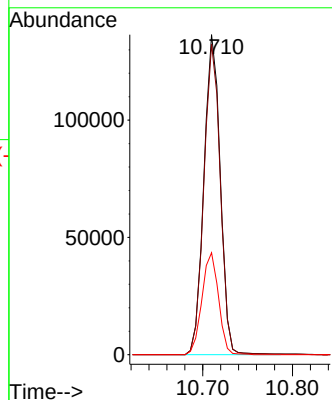
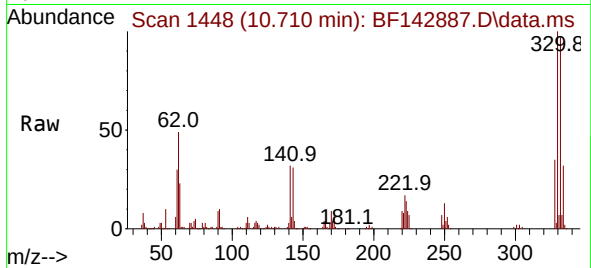




#42
2,4,6-Tribromophenol
Concen: 123.885 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

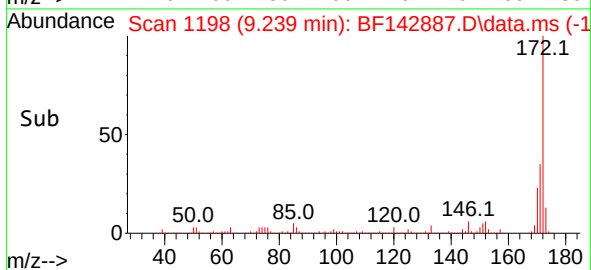
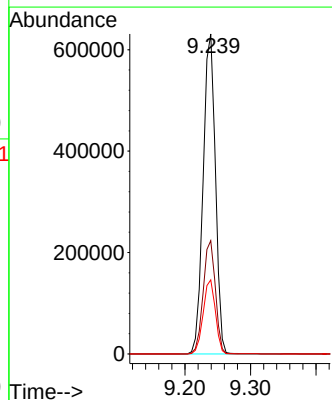
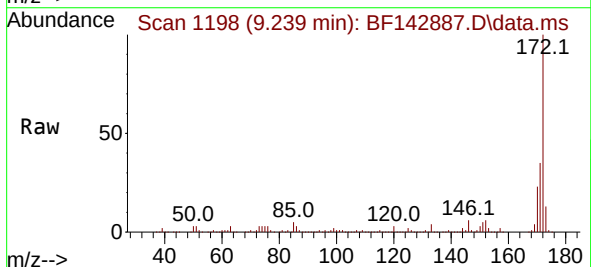
Instrument :
BNA_F
ClientSampleId :
COMP-2

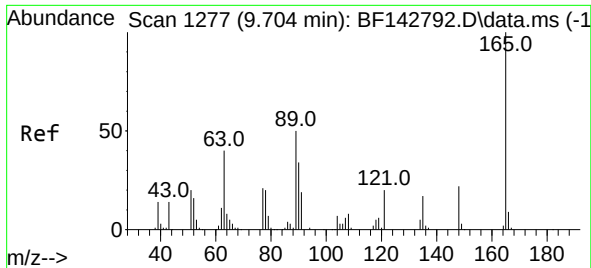
Tgt Ion:330 Resp: 172948
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.908 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:172 Resp: 825191
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7

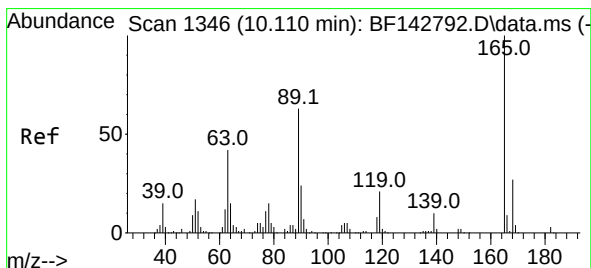
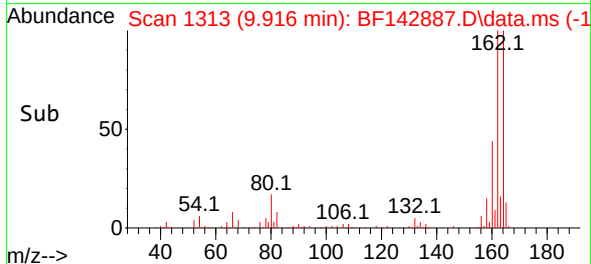
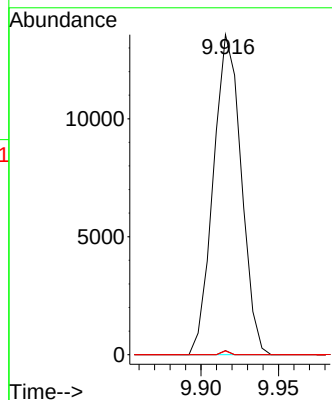
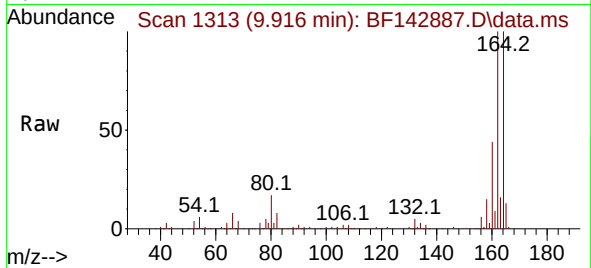




#51
2,6-Dinitrotoluene
Concen: 8.810 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

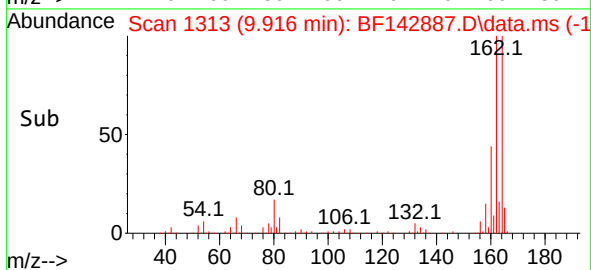
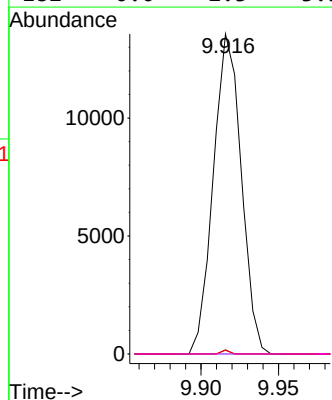
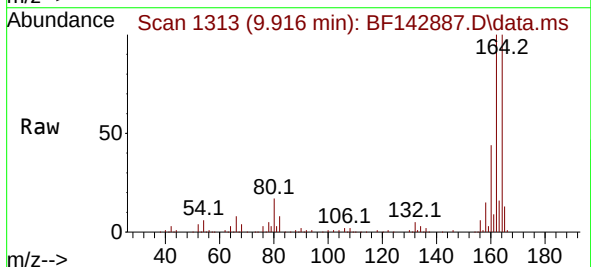
Instrument :
BNA_F
ClientSampleId :
COMP-2

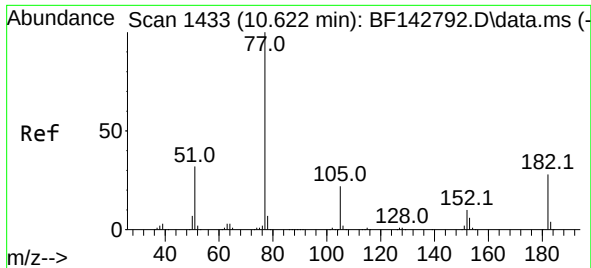
Tgt Ion:165 Resp: 16989
Ion Ratio Lower Upper
165 100
63 1.3 44.2 66.4#
89 1.1 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:165 Resp: 16989
Ion Ratio Lower Upper
165 100
63 1.3 33.9 50.9#
89 1.1 50.6 75.8#
182 0.0 2.3 3.5#

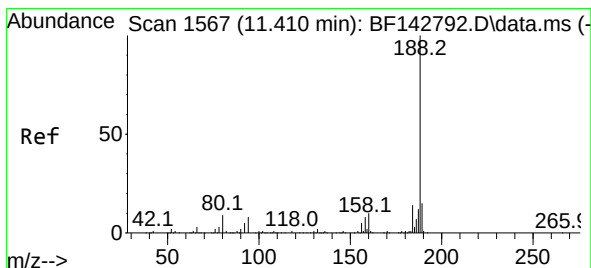
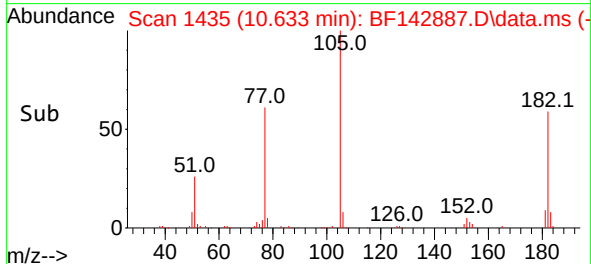
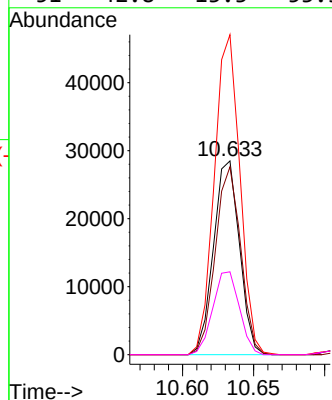
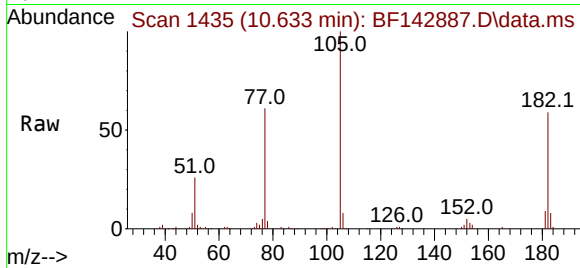




#63
 Azobenzene
 Concen: 4.713 ng
 RT: 10.633 min Scan# 1433
 Delta R.T. 0.012 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

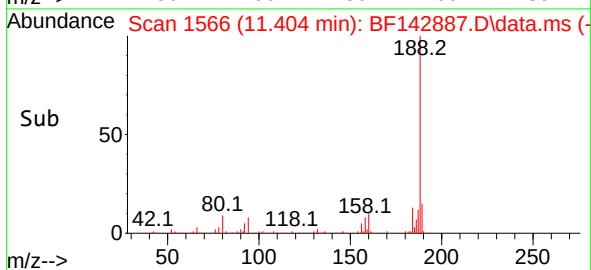
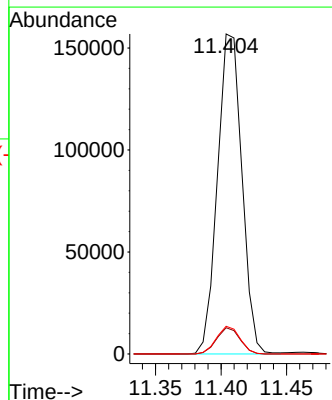
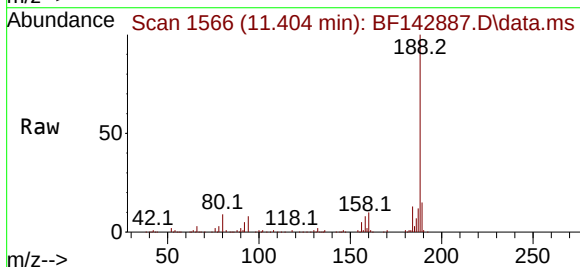
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

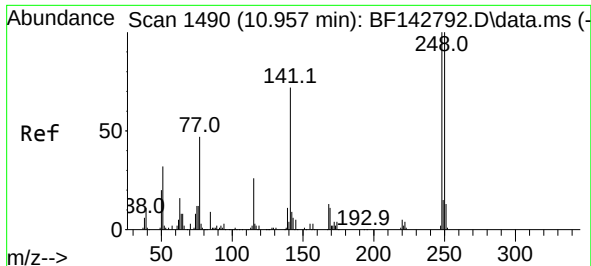
Tgt Ion: 77 Resp: 36271
 Ion Ratio Lower Upper
 77 100
 182 96.9 7.7 47.7#
 105 165.2 1.9 41.9#
 51 42.8 13.3 53.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Tgt Ion: 188 Resp: 203415
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 8.6 6.9 10.3

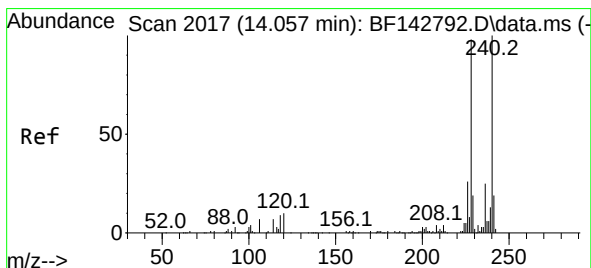
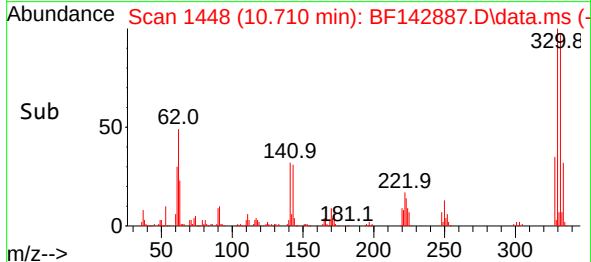
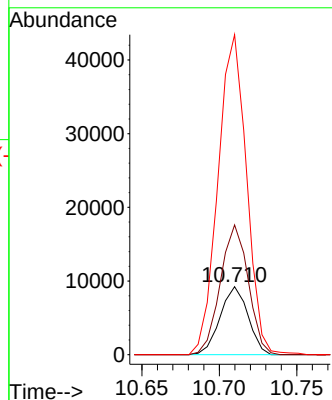
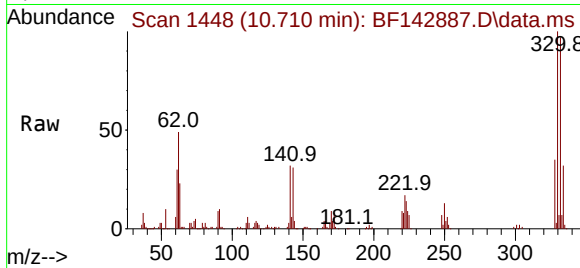




#67
4-Bromophenyl-phenylether
Concen: 4.988 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

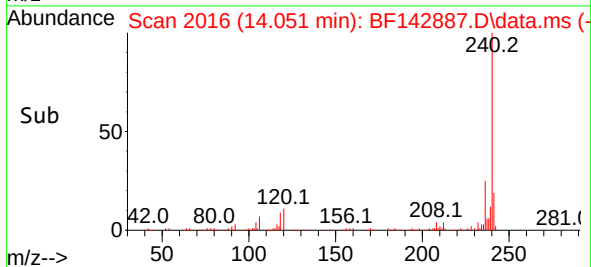
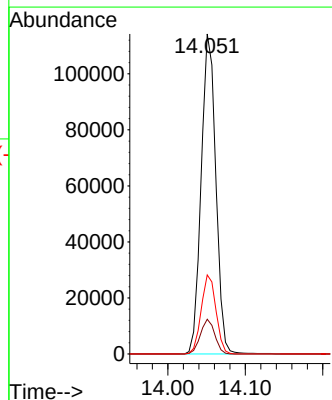
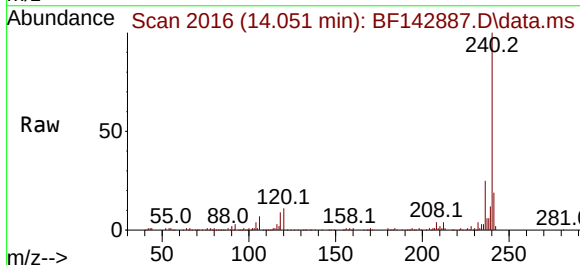
Instrument :
BNA_F
ClientSampleId :
COMP-2

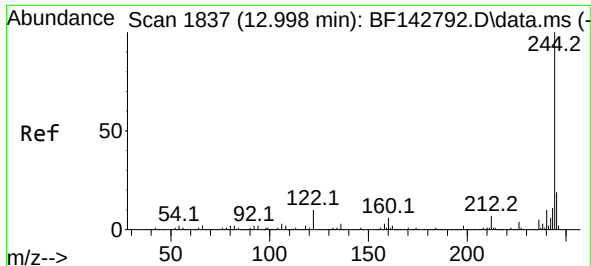
Tgt Ion:248 Resp: 11548
Ion Ratio Lower Upper
248 100
250 190.9 79.8 119.8#
141 470.8 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:240 Resp: 149806
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 24.7 19.8 29.8

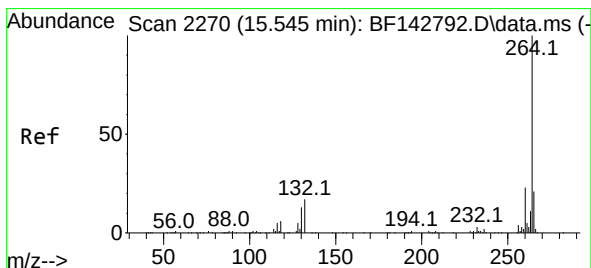
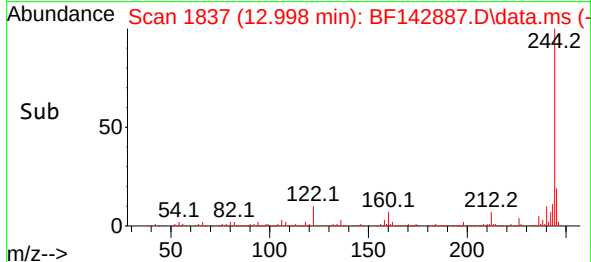
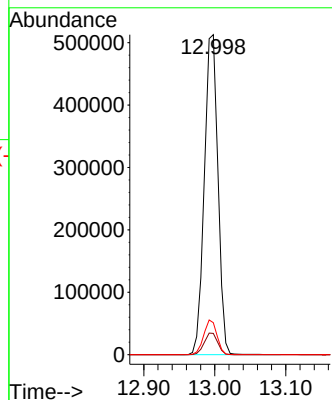
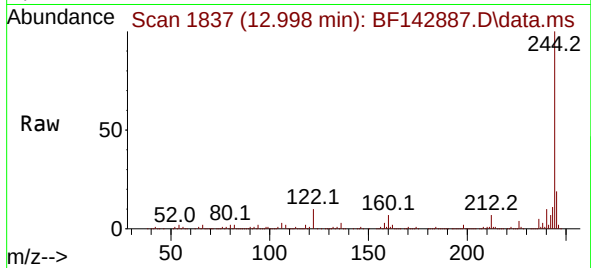




#79
 Terphenyl-d14
 Concen: 63.300 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 686306
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Tgt Ion:264 Resp: 148502
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.5 16.6 25.0

