

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143900.D
 Acq On : 08 Oct 2025 17:37
 Operator : RC/JU
 Sample : Q3302-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01

Quant Time: Oct 08 18:05:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

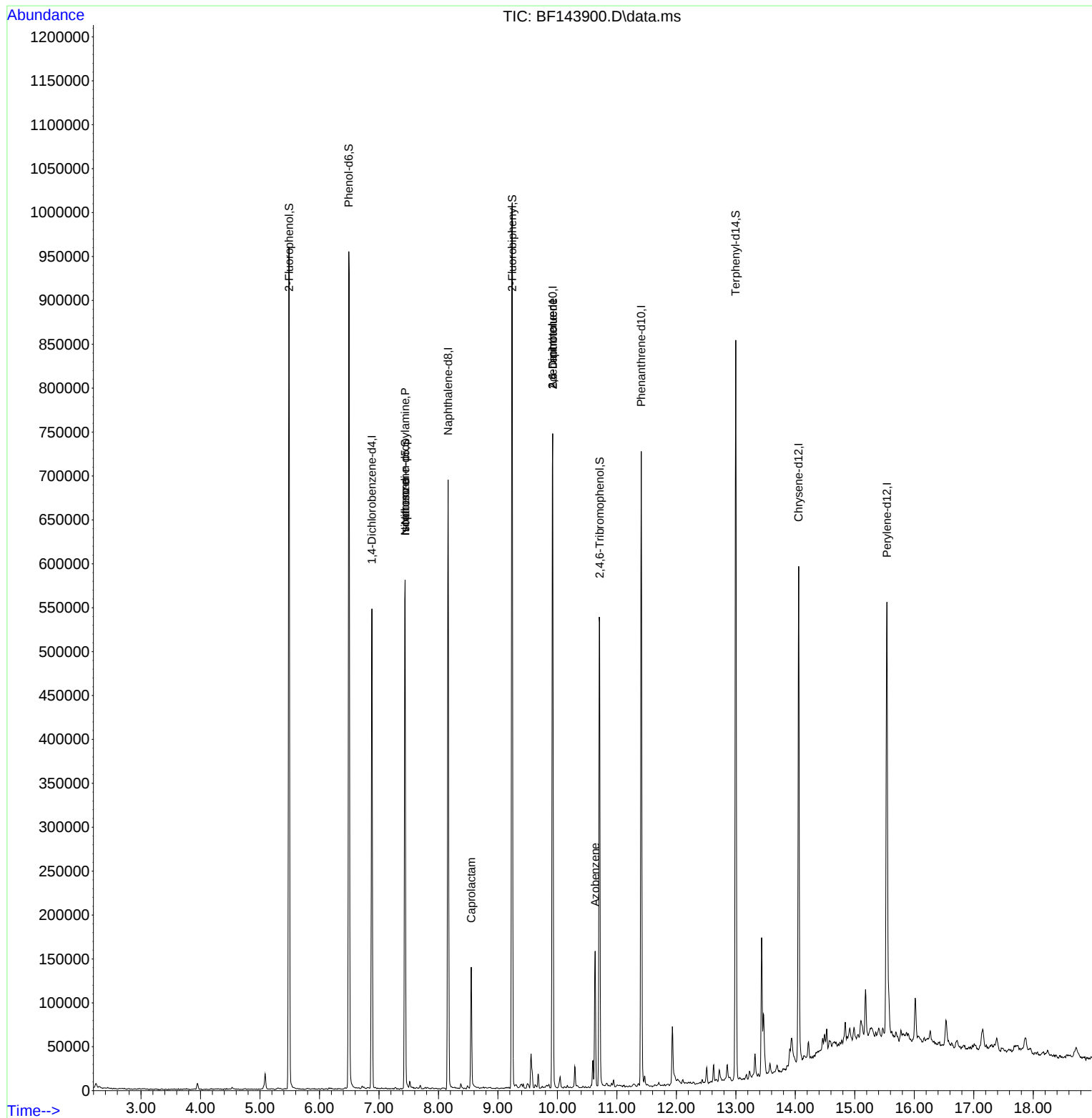
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	108149	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	418243	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227302	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	376593	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266323	20.000	ng	-0.01
86) Perylene-d12	15.539	264	312453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	353907	51.965	ng	-0.01
7) Phenol-d6	6.493	99	423243	52.138	ng	-0.02
23) Nitrobenzene-d5	7.440	82	240520	34.938	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	100808	44.527	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	480988	33.577	ng	-0.01
79) Terphenyl-d14	12.998	244	417321	26.781	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	35335	6.359	ng	# 76
25) Isophorone	7.440	82	187111	12.890	ng	# 68
35) Caprolactam	8.551	113	15779	8.081	ng	98
51) 2,6-Dinitrotoluene	9.922	165	29457	11.005	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	29457	8.088	ng	# 26
63) Azobenzene	10.633	77	38916	2.777	ng	# 1

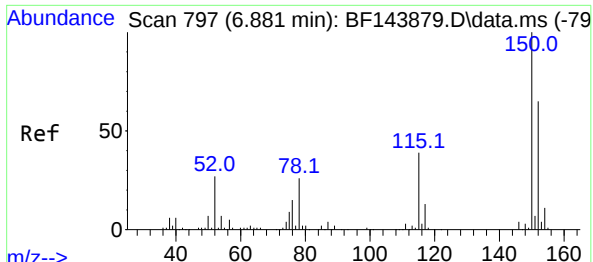
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143900.D
Acq On : 08 Oct 2025 17:37
Operator : RC/JU
Sample : Q3302-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

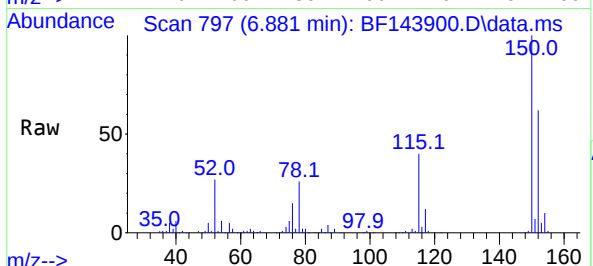
Quant Time: Oct 08 18:05:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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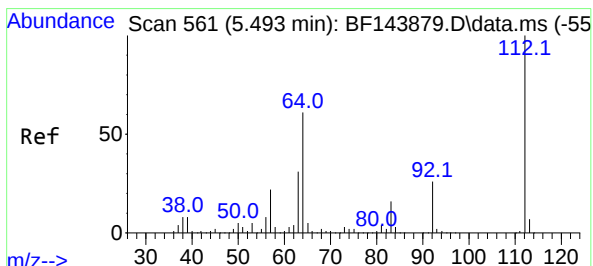
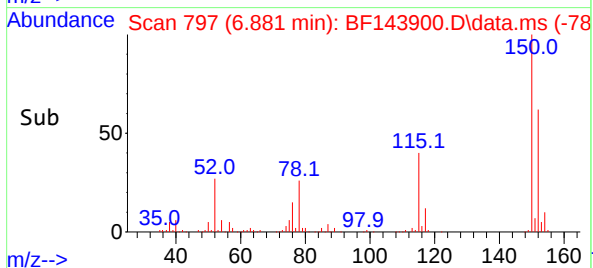
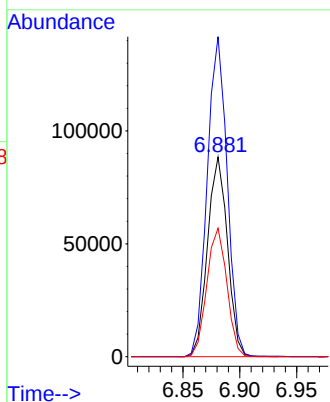


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

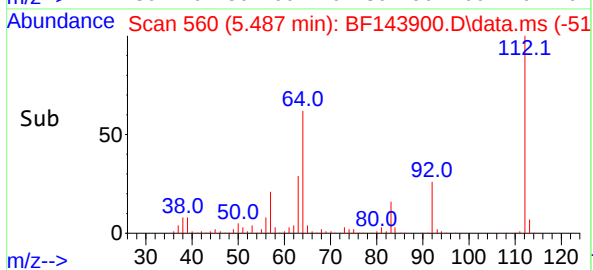
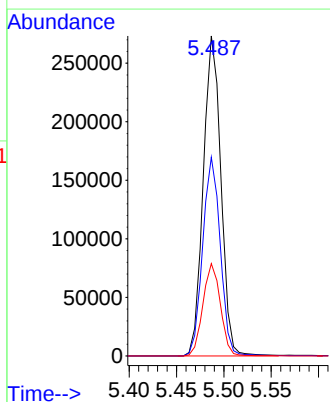
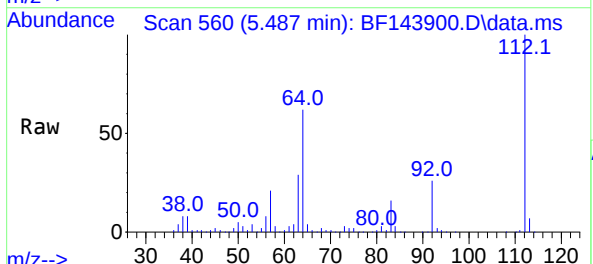


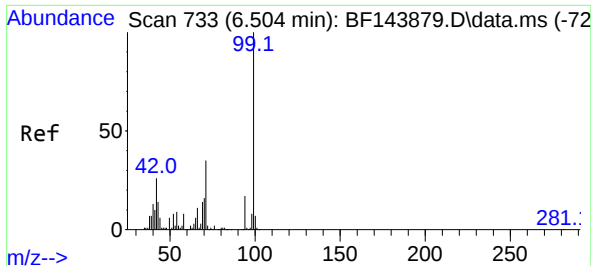
Tgt Ion:152 Resp: 108149
Ion Ratio Lower Upper
152 100
150 160.2 124.4 186.6
115 64.4 48.1 72.1



#5
2-Fluorophenol
Concen: 51.965 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion:112 Resp: 353907
Ion Ratio Lower Upper
112 100
64 62.1 49.1 73.7
63 28.9 24.5 36.7

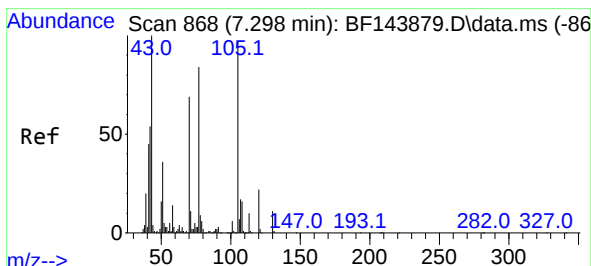
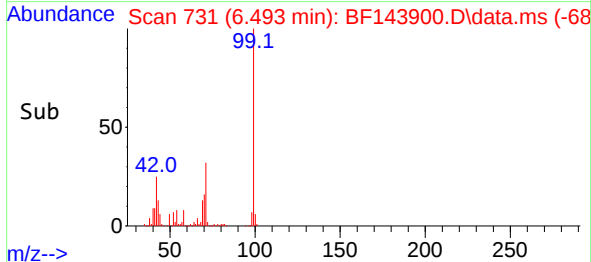
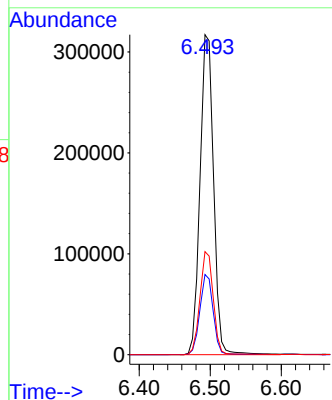
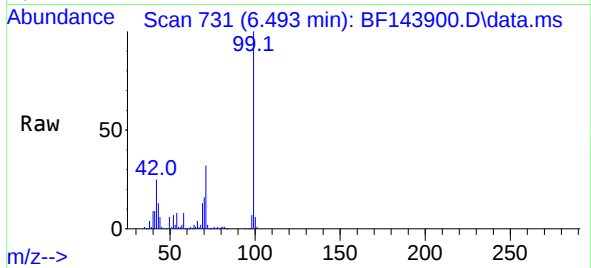




#7
Phenol-d6
Concen: 52.138 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

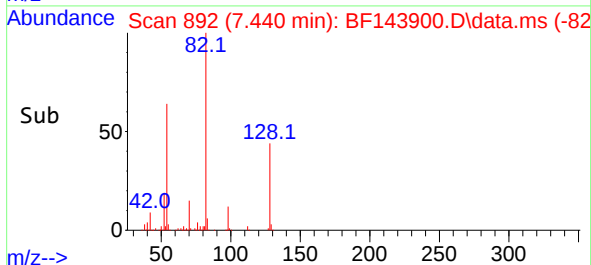
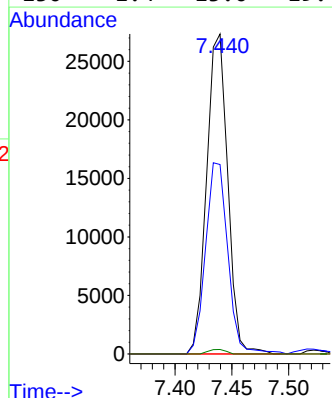
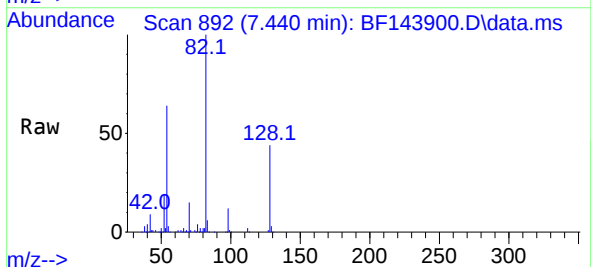
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

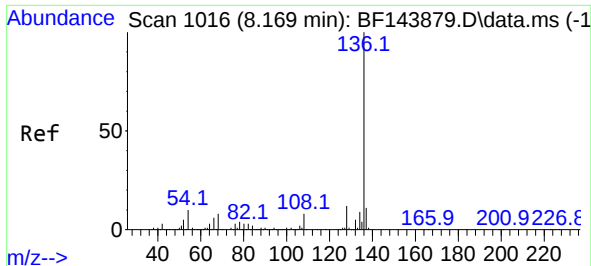
Tgt Ion: 99 Resp: 423243
Ion Ratio Lower Upper
99 100
42 25.0 21.0 31.4
71 32.2 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 6.359 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion: 70 Resp: 35335
Ion Ratio Lower Upper
70 100
42 59.2 62.8 94.2#
101 0.0 6.7 10.1#
130 1.4 13.0 19.4#



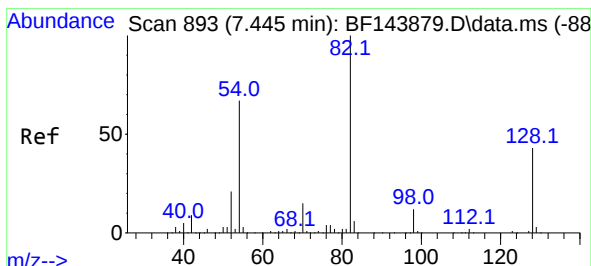
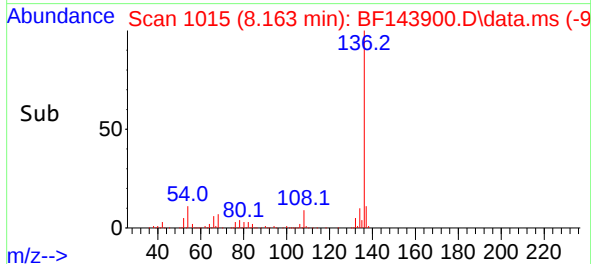
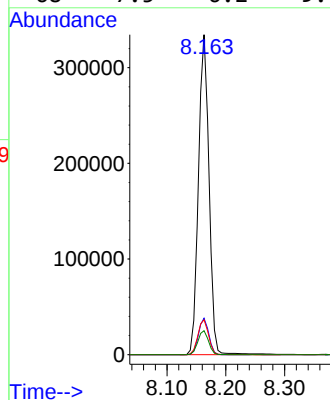
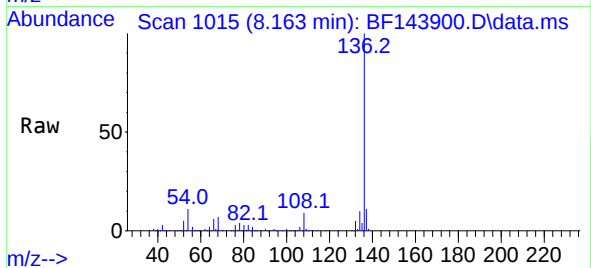


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

Tgt Ion:136 Resp: 418243

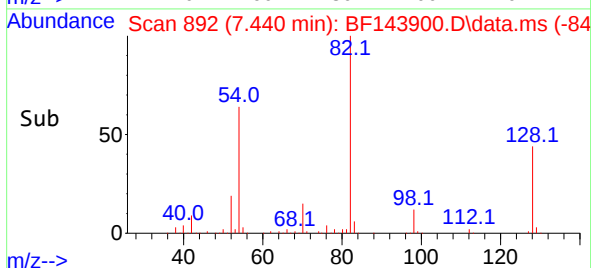
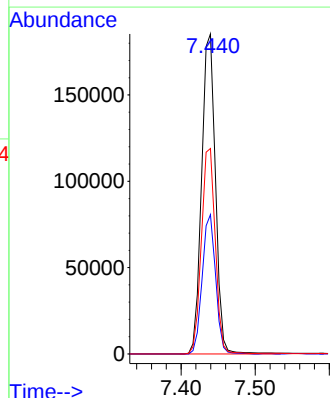
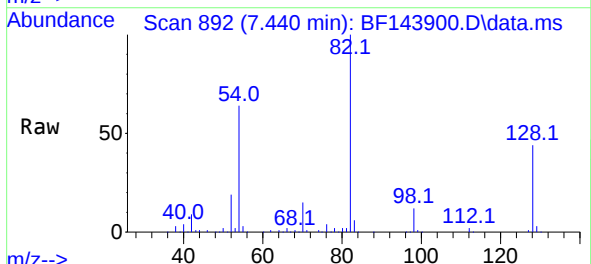
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.9	8.2	12.4
68	7.5	6.2	9.4

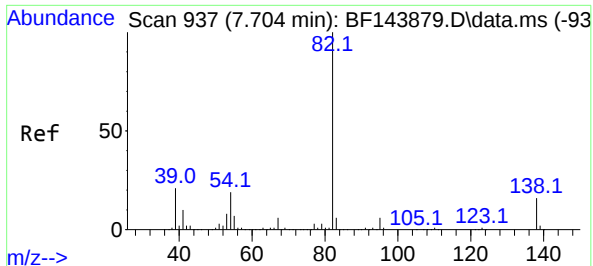


#23
Nitrobenzene-d5
Concen: 34.938 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.017 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion: 82 Resp: 240520

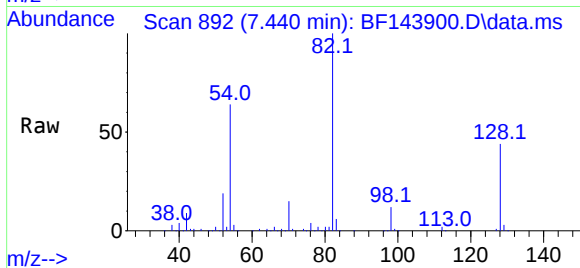
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	64.2	53.2	79.8



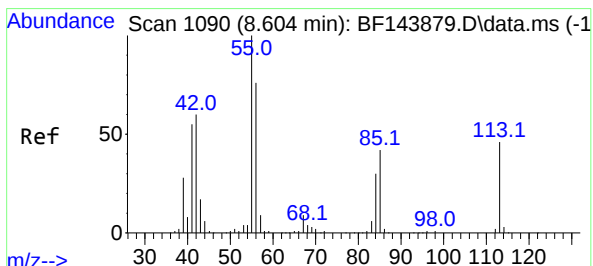
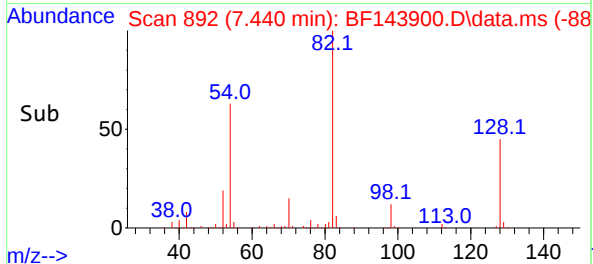
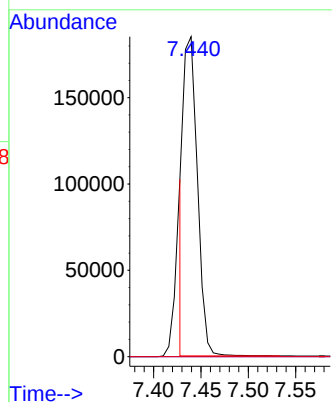


#25
Isophorone
Concen: 12.890 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

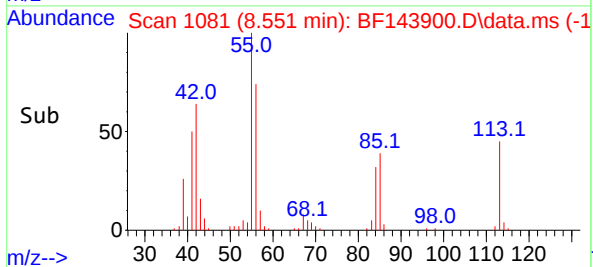
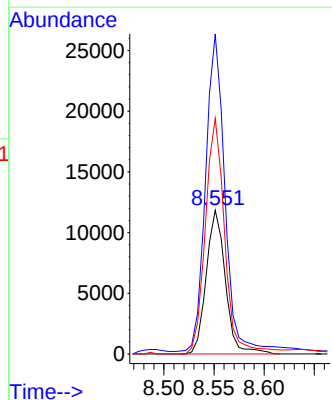
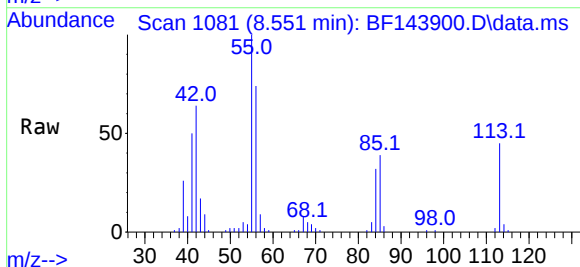


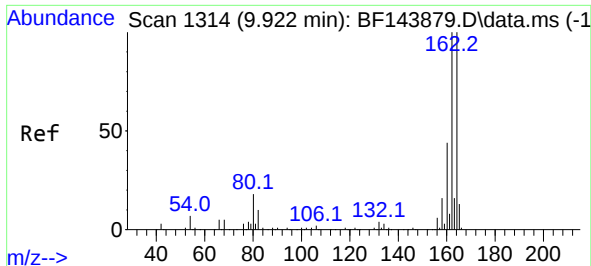
Tgt Ion: 82 Resp: 187111
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#35
Caprolactam
Concen: 8.081 ng
RT: 8.551 min Scan# 1081
Delta R.T. -0.094 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion: 113 Resp: 15779
Ion Ratio Lower Upper
113 100
55 222.6 199.6 239.6
56 163.9 146.0 186.0

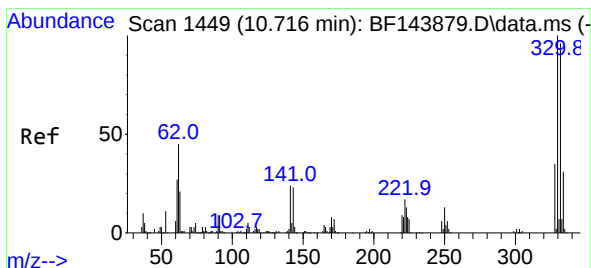
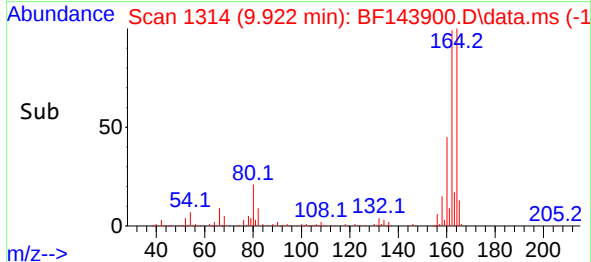
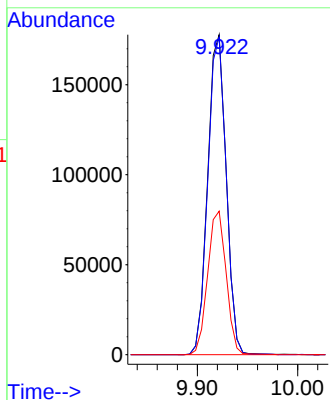
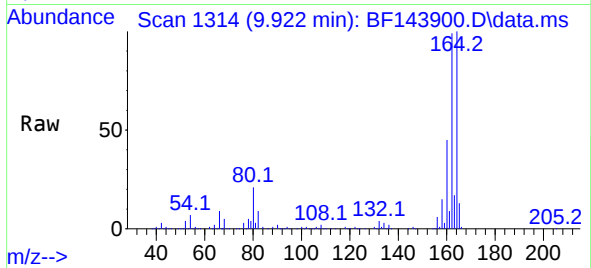




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

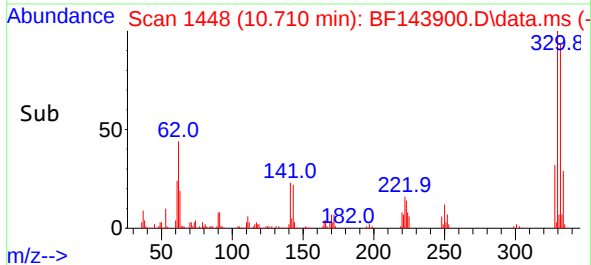
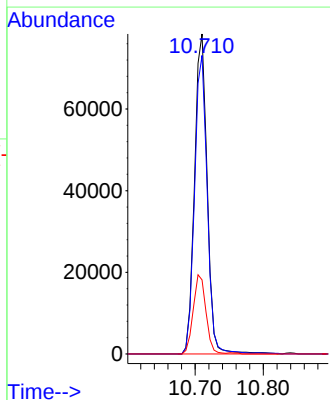
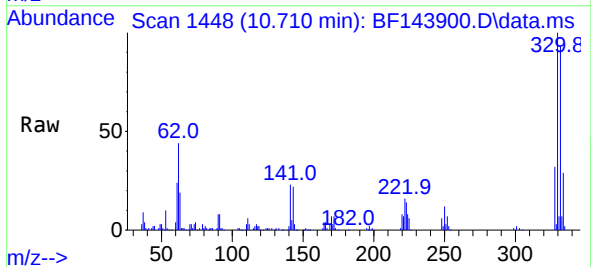
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

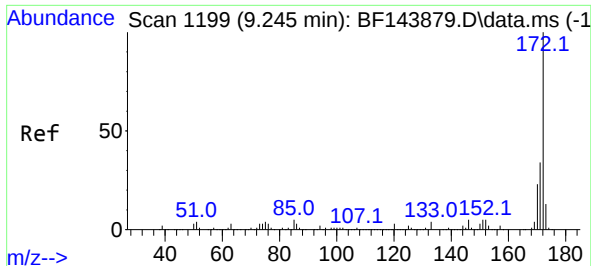
Tgt Ion:164 Resp: 227302
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 44.527 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion:330 Resp: 100808
Ion Ratio Lower Upper
330 100
332 93.2 76.9 115.3
141 24.8 20.2 30.4

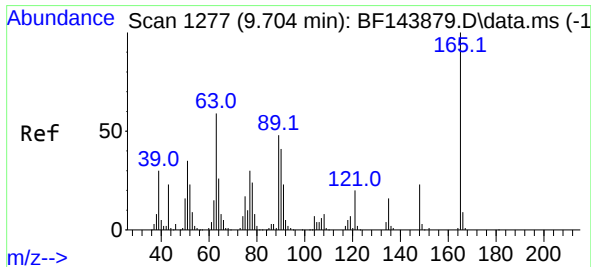
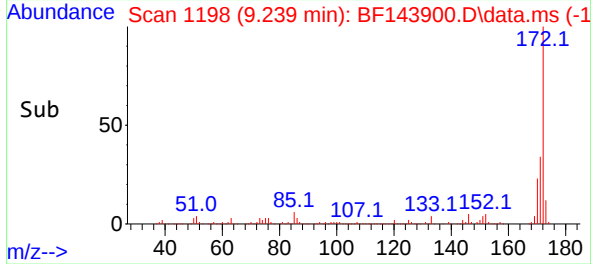
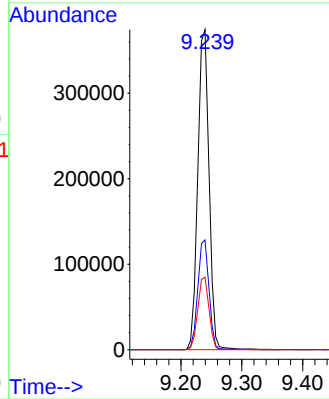
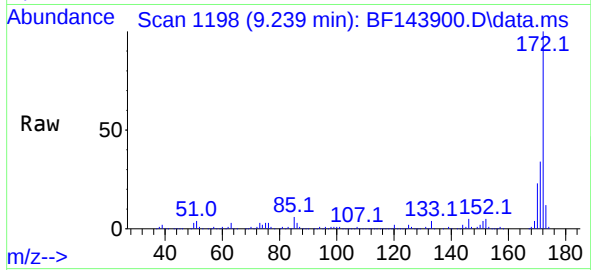




#45
2-Fluorobiphenyl
Concen: 33.577 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

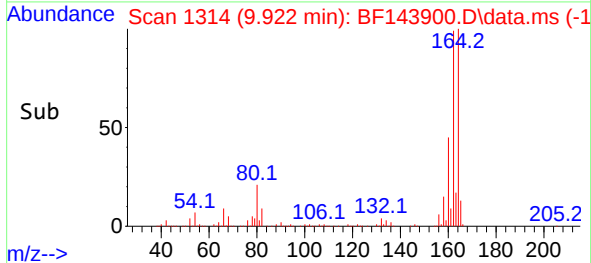
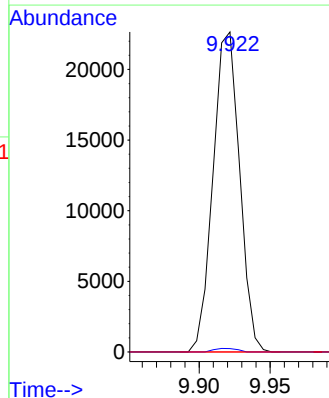
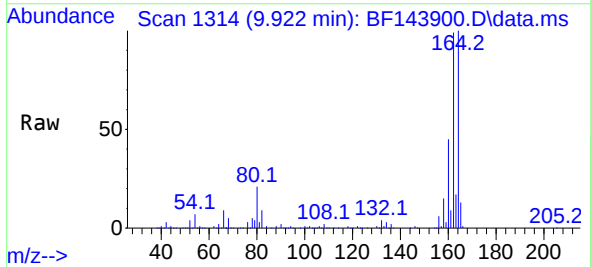
Instrument :
BNA_F
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OR-658-COMP-01

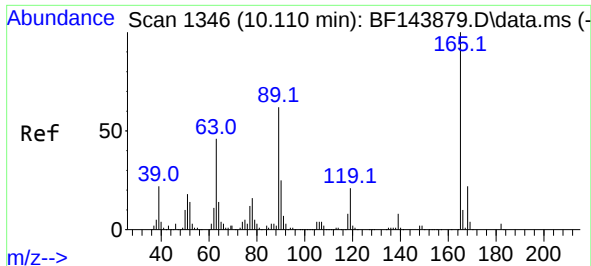
Tgt Ion:172 Resp: 480988
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.7 18.6 28.0



#51
2,6-Dinitrotoluene
Concen: 11.005 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

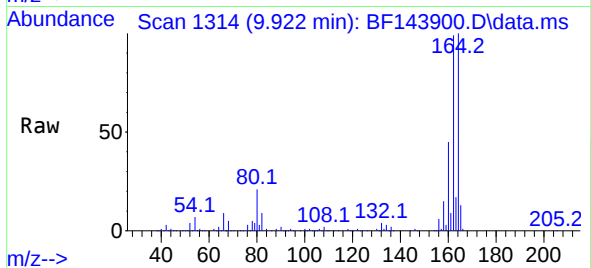
Tgt Ion:165 Resp: 29457
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 0.0 38.2 57.4#



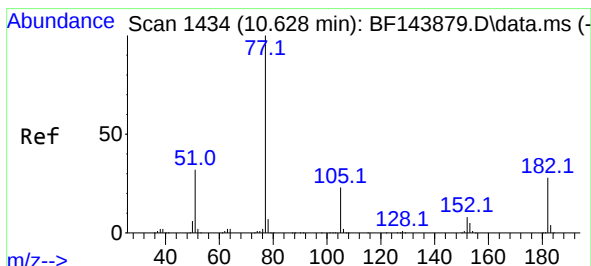
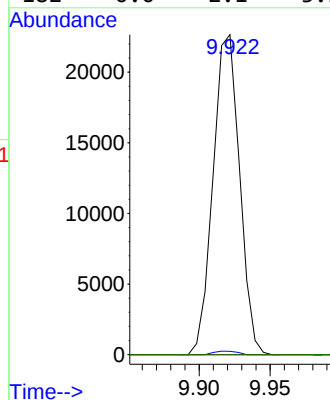
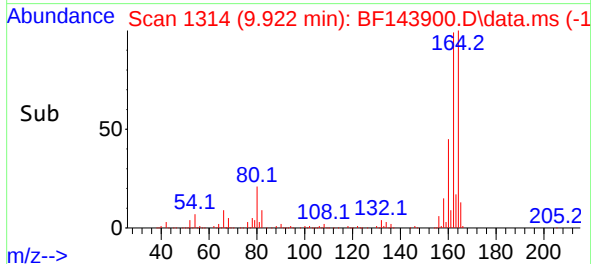


#57
2,4-Dinitrotoluene
Concen: 8.088 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

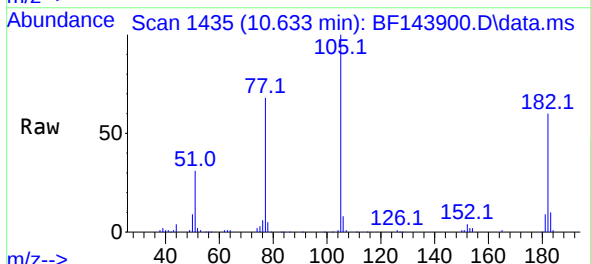
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01



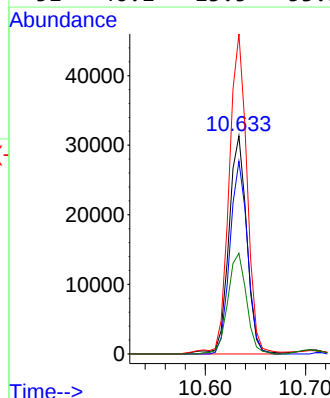
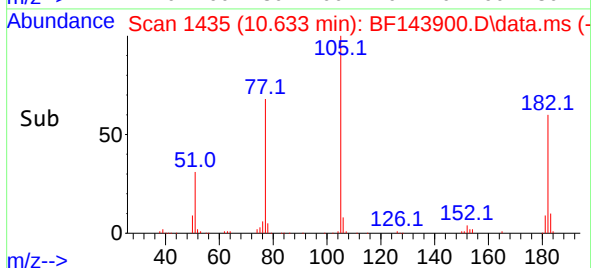
Tgt Ion:165 Resp: 29457
Ion Ratio Lower Upper
165 100
63 1.1 37.2 55.8#
89 0.0 49.4 74.2#
182 0.0 2.1 3.1#

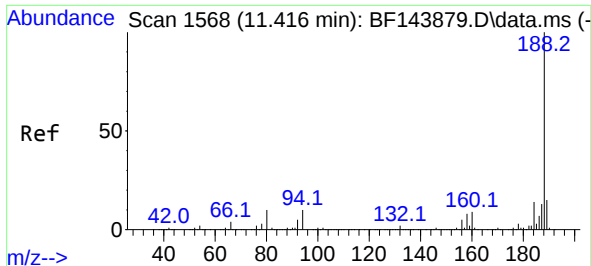


#63
Azobenzene
Concen: 2.777 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37



Tgt Ion: 77 Resp: 38916
Ion Ratio Lower Upper
77 100
182 88.3 7.3 47.3#
105 146.7 3.0 43.0#
51 46.1 13.5 53.5

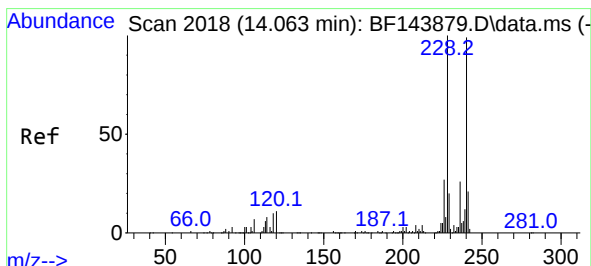
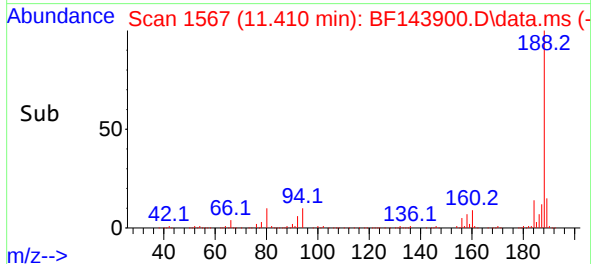
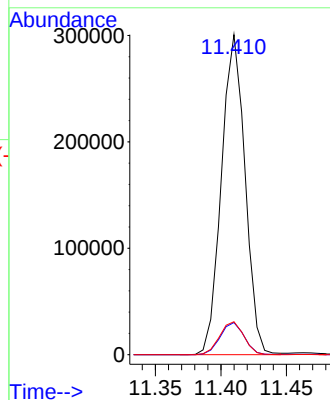
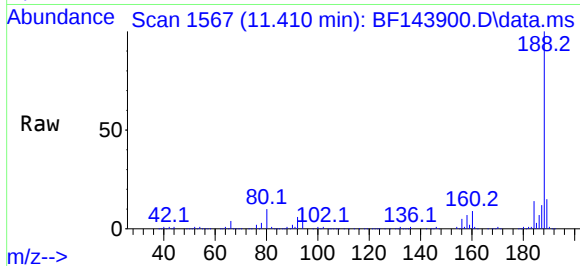




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

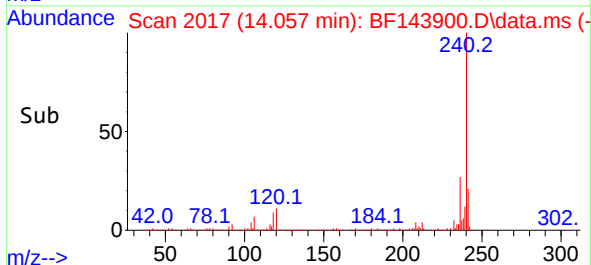
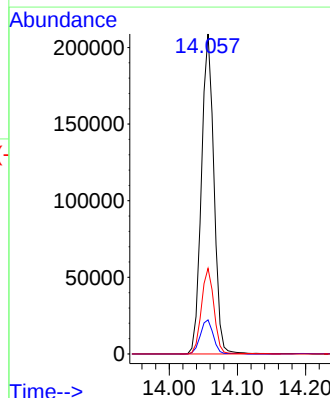
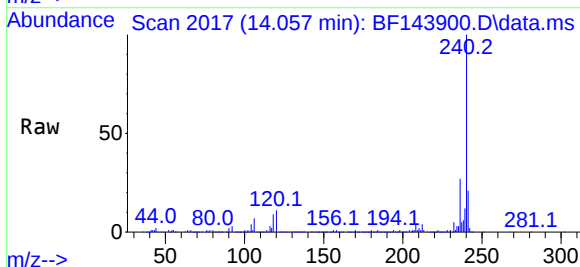
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

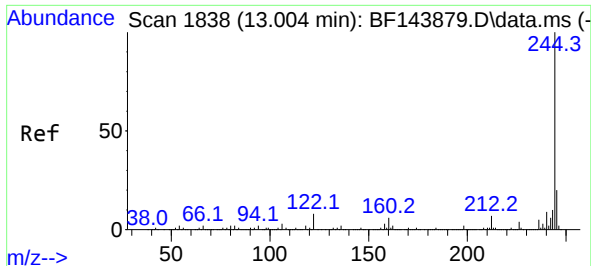
Tgt Ion:188 Resp: 376593
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

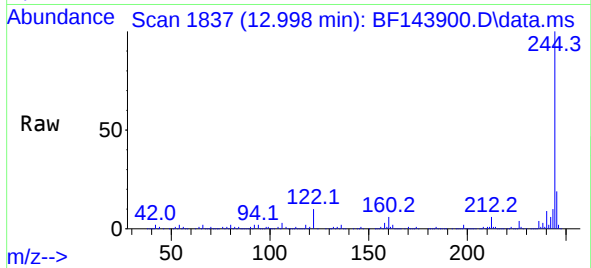
Tgt Ion:240 Resp: 266323
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.7 21.1 31.7



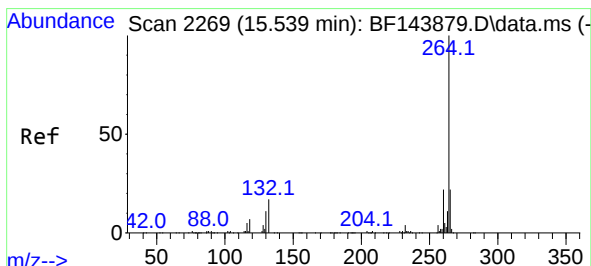
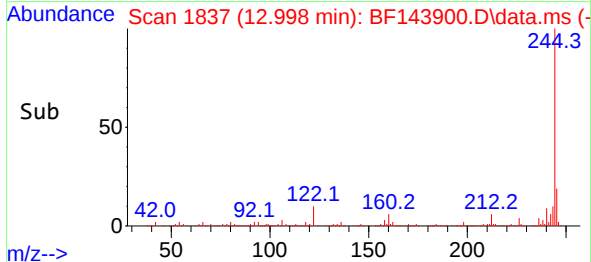
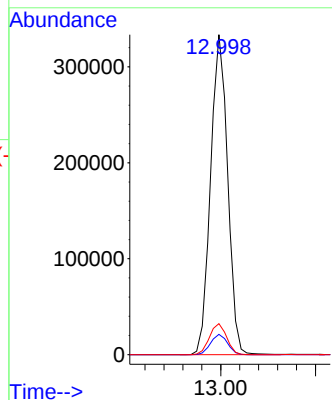


#79
Terphenyl-d14
Concen: 26.781 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01



Tgt Ion:244 Resp: 417321
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.7 6.4 9.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

Tgt Ion:264 Resp: 312453
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.2 17.5 26.3

