

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143912.D
 Acq On : 09 Oct 2025 16:48
 Operator : RC/JU
 Sample : Q3302-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 09 17:19:20 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)

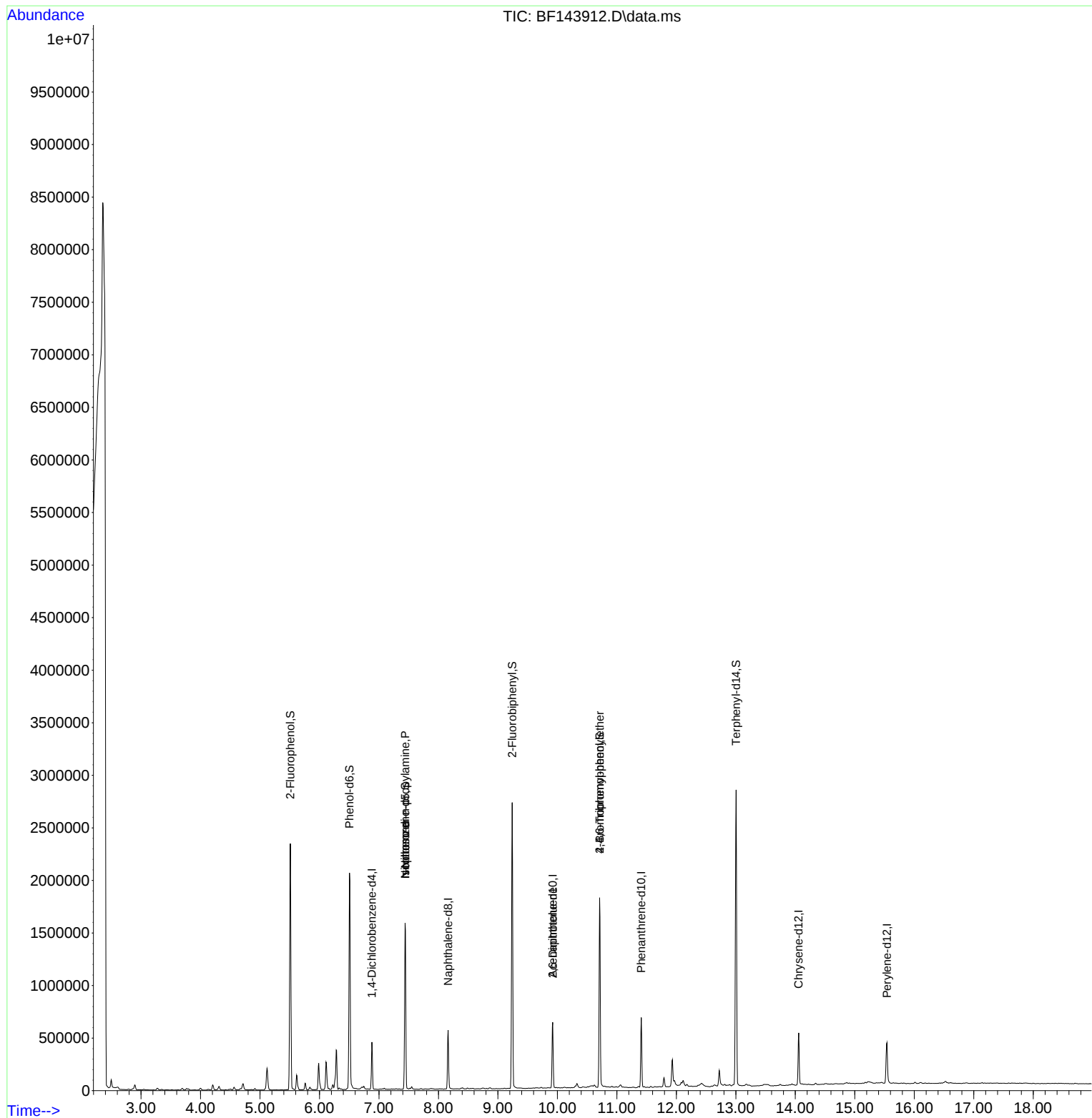
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	89342	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	345431	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195924	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	349173	20.000	ng	0.00
76) Chrysene-d12	14.057	240	244463	20.000	ng	-0.01
86) Perylene-d12	15.539	264	251049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	909642	161.682	ng	0.01
7) Phenol-d6	6.504	99	991588	147.864	ng	-0.01
23) Nitrobenzene-d5	7.440	82	700646	123.230	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	360178	184.570	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1307498	105.891	ng	-0.01
79) Terphenyl-d14	13.004	244	1549740	108.345	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	103567	22.562	ng	# 80
25) Isophorone	7.440	82	612123	51.059	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	24916	10.800	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	21654	5.611	ng	# 1

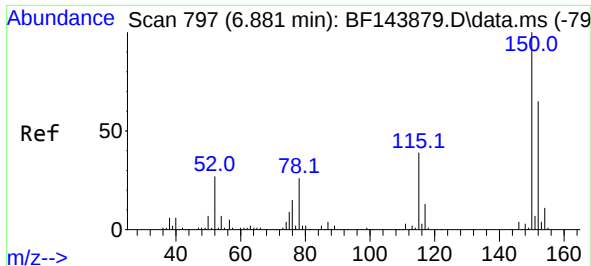
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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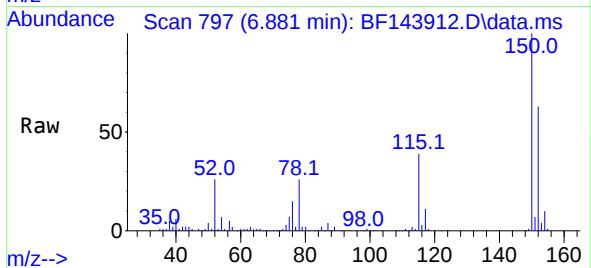
Quant Time: Oct 09 17:19:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



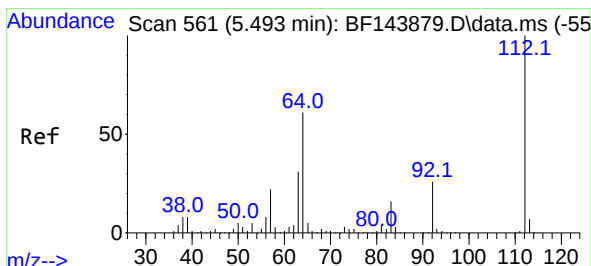
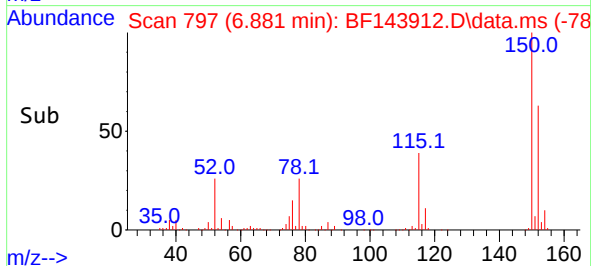
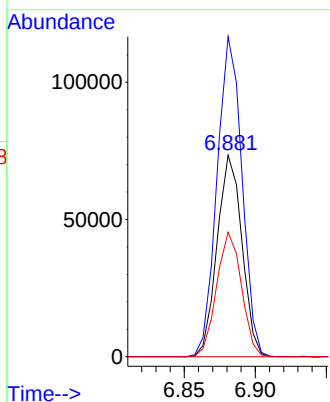


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

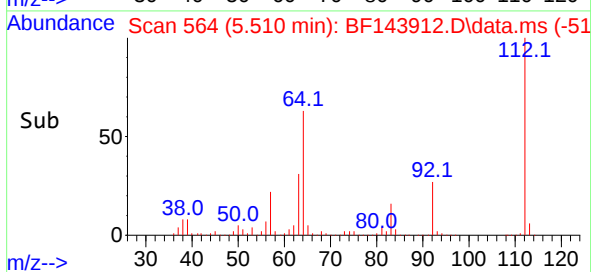
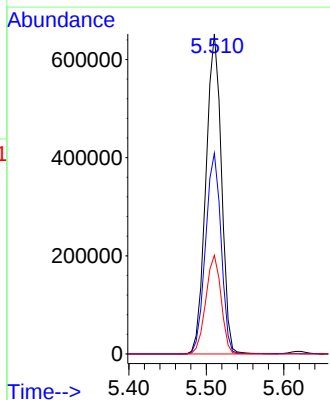
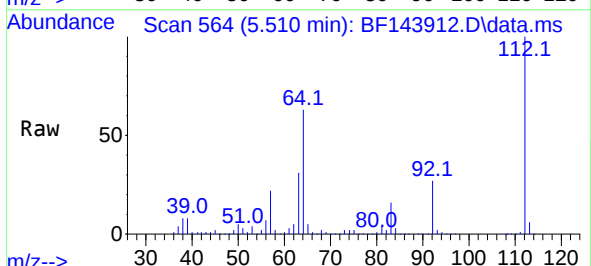


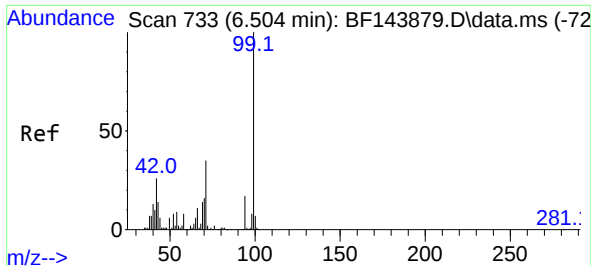
Tgt Ion:152 Resp: 89342
Ion Ratio Lower Upper
152 100
150 158.8 124.4 186.6
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 161.682 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

Tgt Ion:112 Resp: 909642
Ion Ratio Lower Upper
112 100
64 62.7 49.1 73.7
63 30.9 24.5 36.7

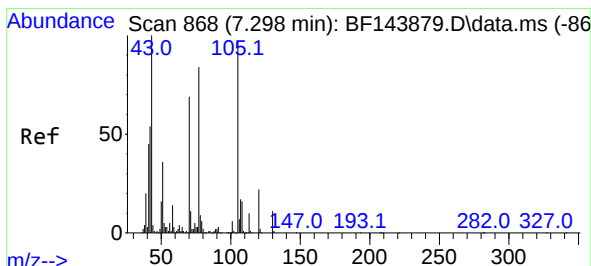
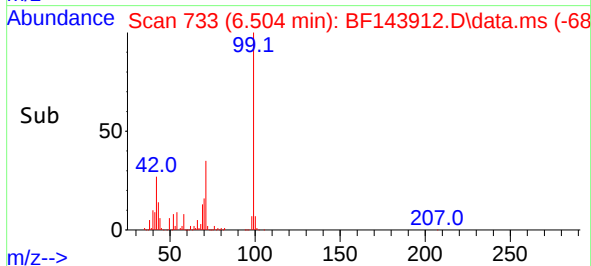
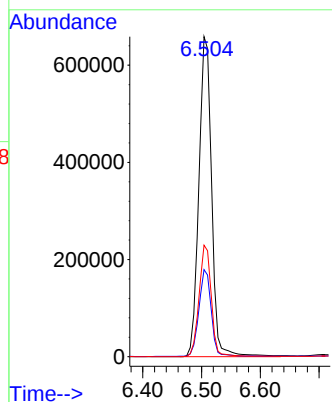
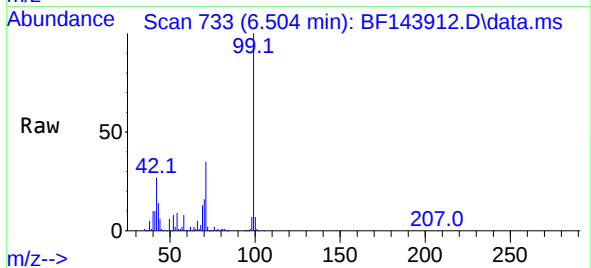




#7
Phenol-d6
Concen: 147.864 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

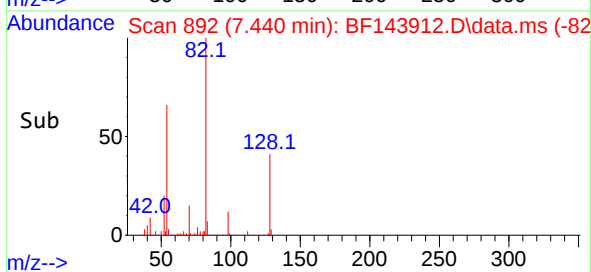
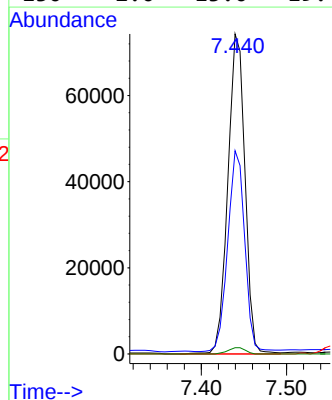
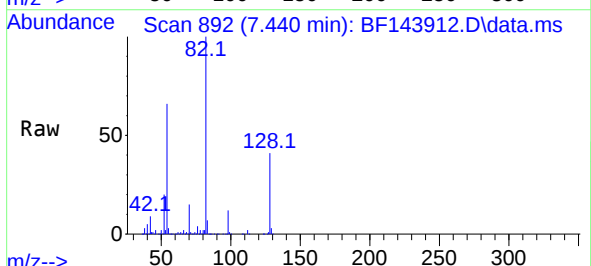
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

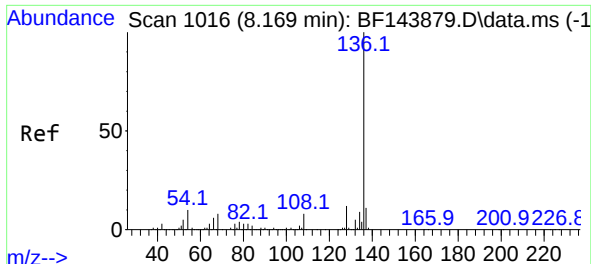
Tgt Ion:	99	Resp:	991588
Ion	Ratio	Lower	Upper
99	100		
42	27.2	21.0	31.4
71	34.9	27.8	41.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.562 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

Tgt Ion:	70	Resp:	103567
Ion	Ratio	Lower	Upper
70	100		
42	63.5	62.8	94.2
101	0.0	6.7	10.1#
130	2.0	13.0	19.4#



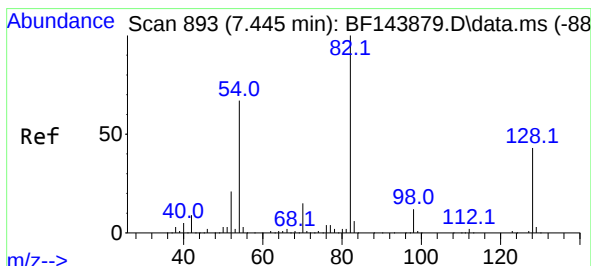
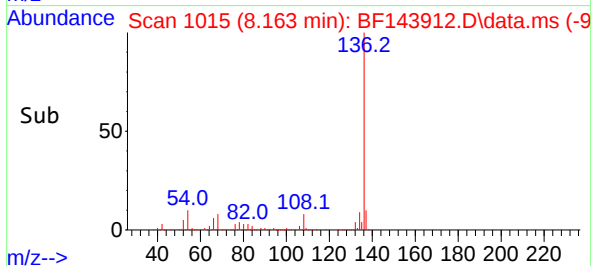
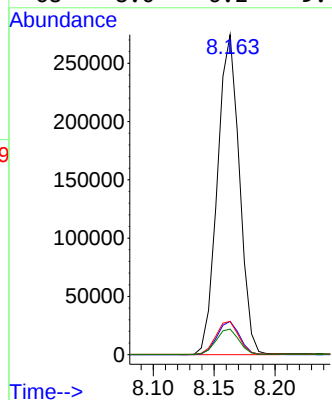
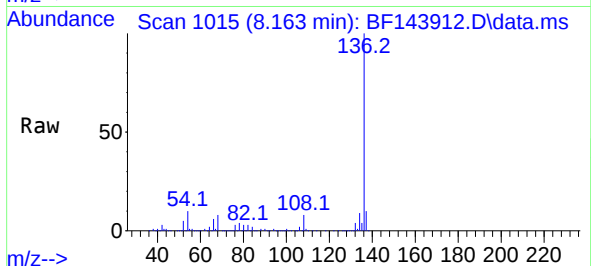


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

Tgt Ion:136 Resp: 345431

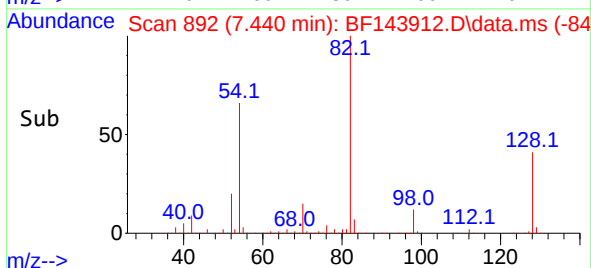
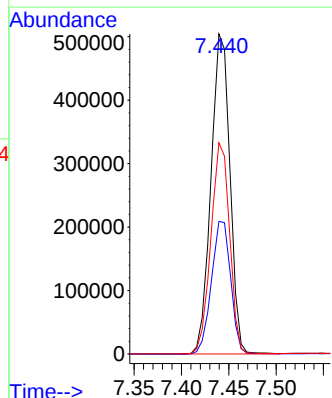
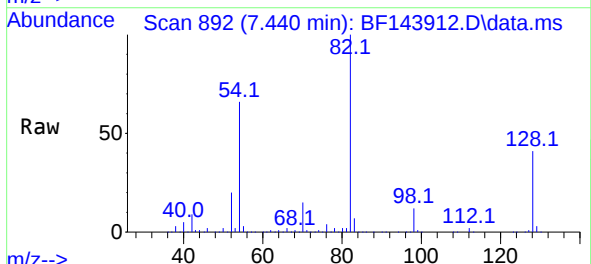
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	10.4	8.2	12.4
68	8.0	6.2	9.4

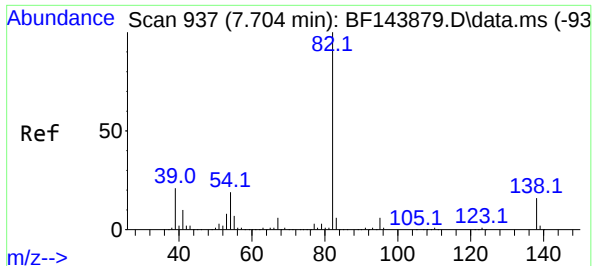


#23
Nitrobenzene-d5
Concen: 123.230 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.017 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

Tgt Ion: 82 Resp: 700646

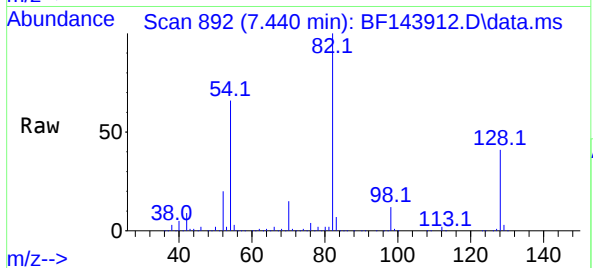
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	66.0	53.2	79.8



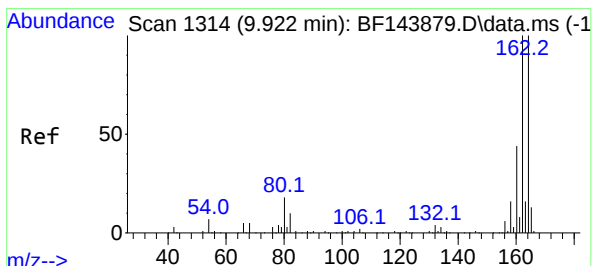
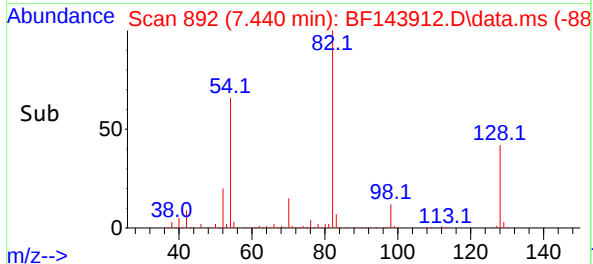
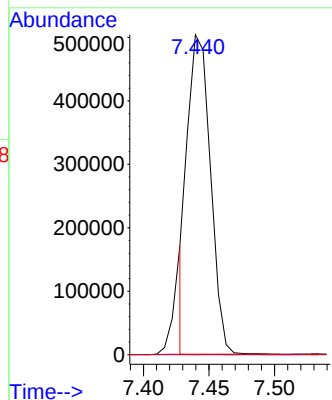


#25
Isophorone
Concen: 51.059 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

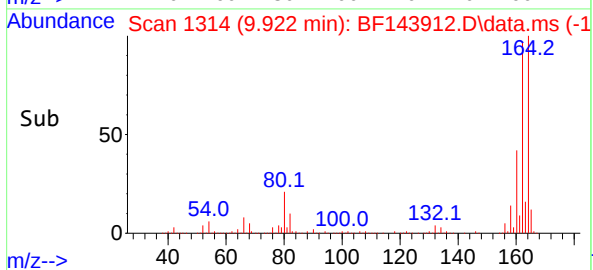
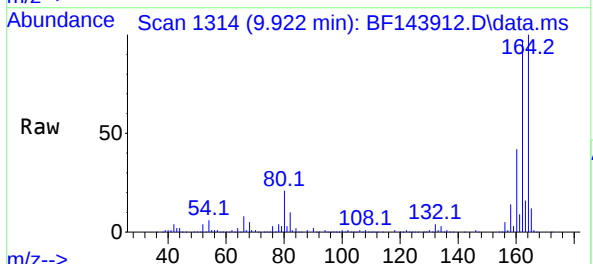
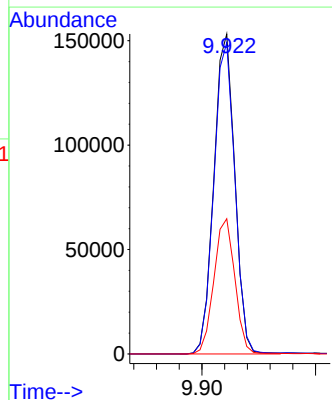


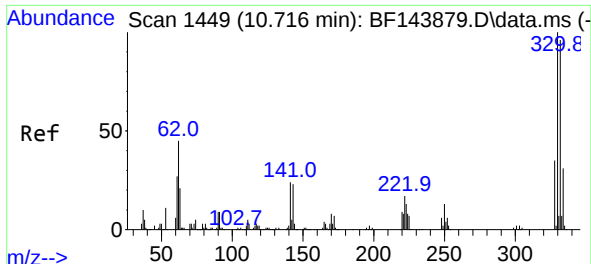
Tgt Ion: 82 Resp: 612123
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

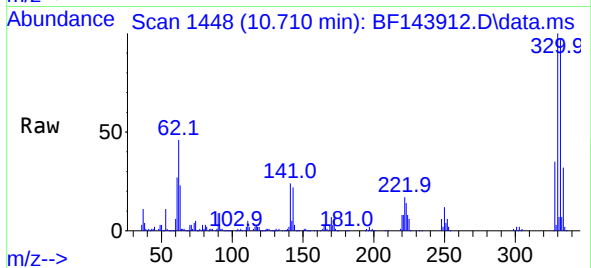
Tgt Ion:164 Resp: 195924
Ion Ratio Lower Upper
164 100
162 97.3 80.2 120.2
160 42.3 35.4 53.0



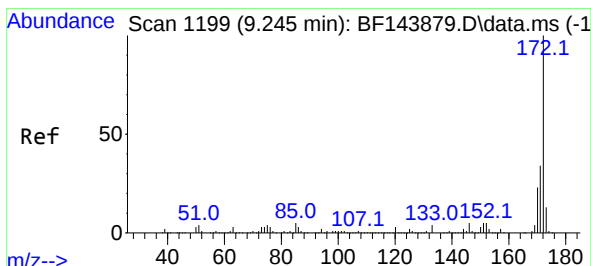
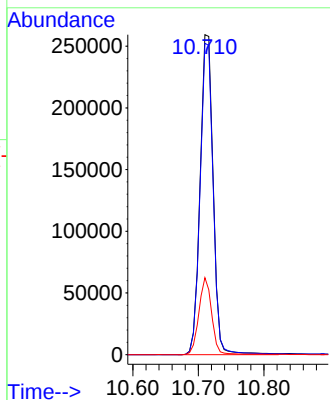
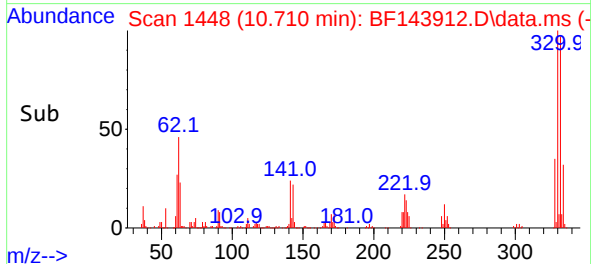


#42
2,4,6-Tribromophenol
Concen: 184.570 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

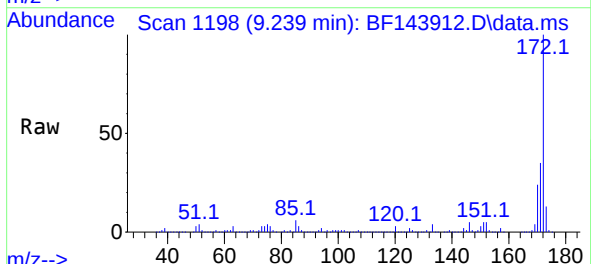
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01



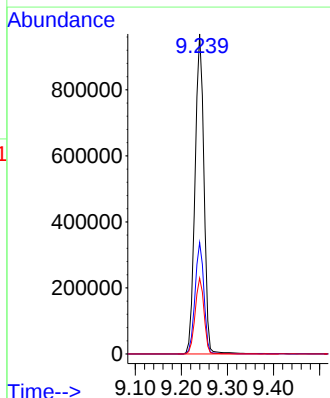
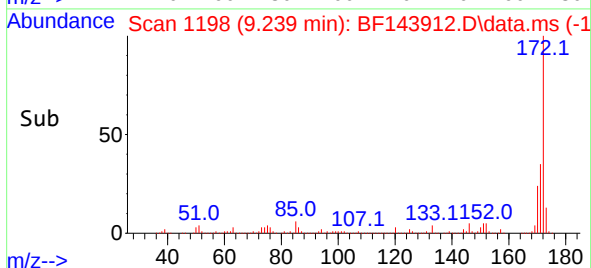
Tgt Ion:330 Resp: 360178
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 23.6 20.2 30.4

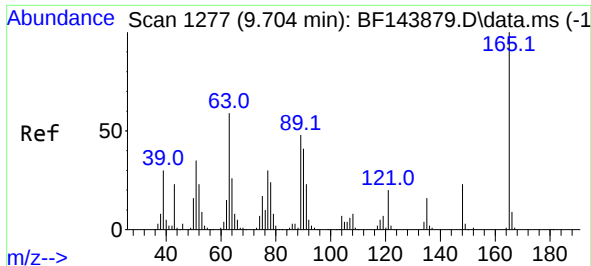


#45
2-Fluorobiphenyl
Concen: 105.891 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48



Tgt Ion:172 Resp: 1307498
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.7 18.6 28.0

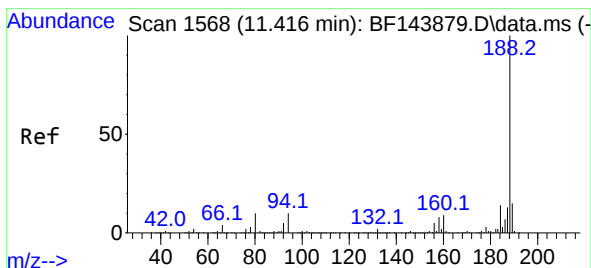
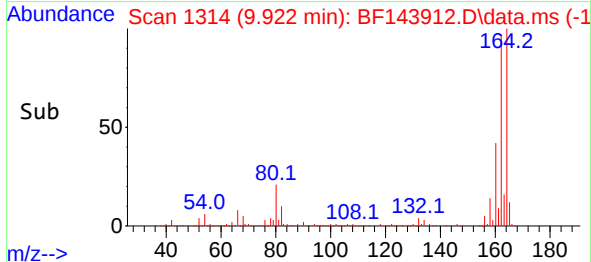
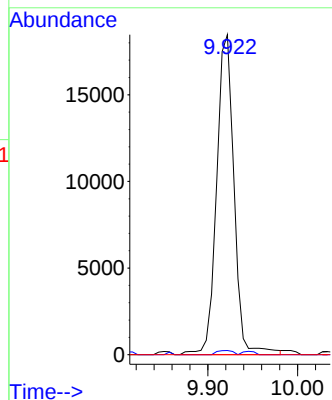
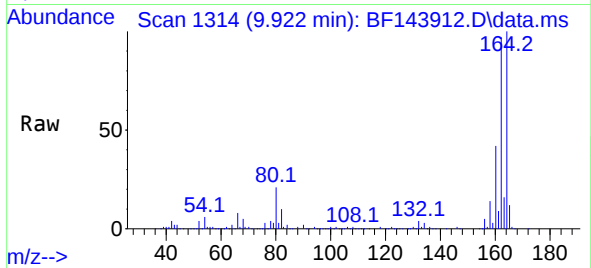




#51
2,6-Dinitrotoluene
Concen: 10.800 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

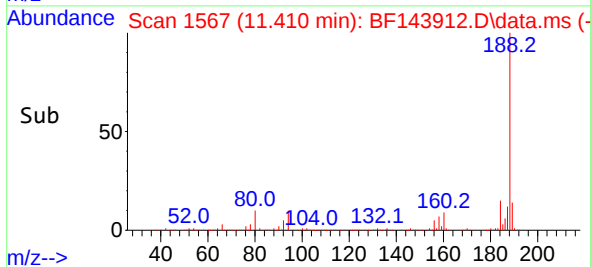
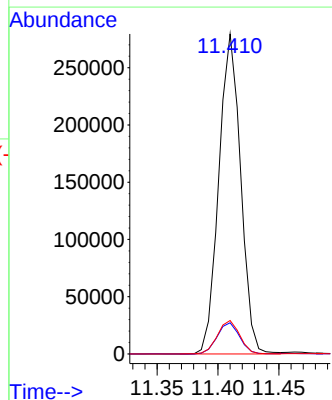
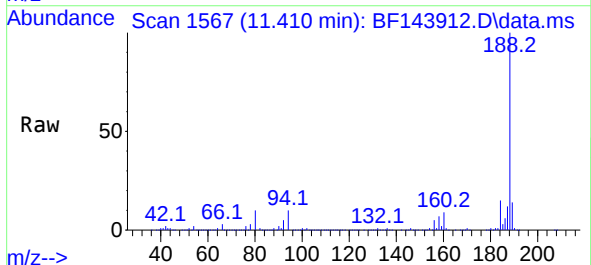
Instrument :
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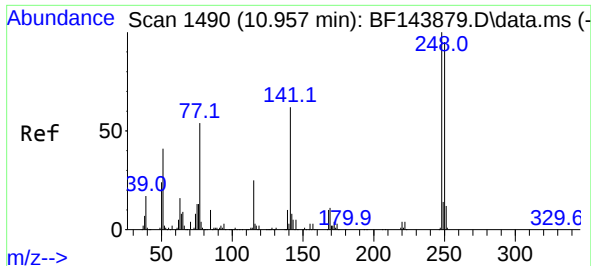
Tgt Ion:165 Resp: 24916
Ion Ratio Lower Upper
165 100
63 1.3 47.3 70.9#
89 0.0 38.2 57.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

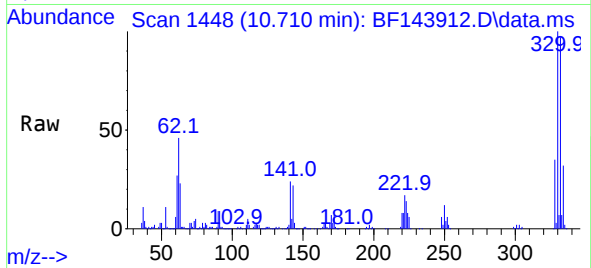
Tgt Ion:188 Resp: 349173
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.5 7.9 11.9



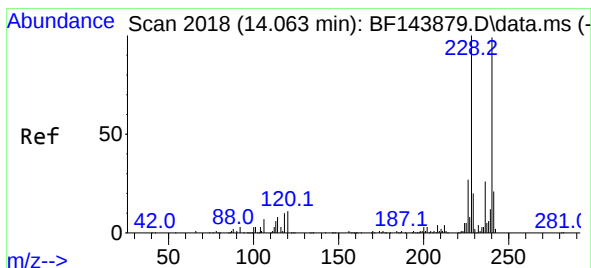
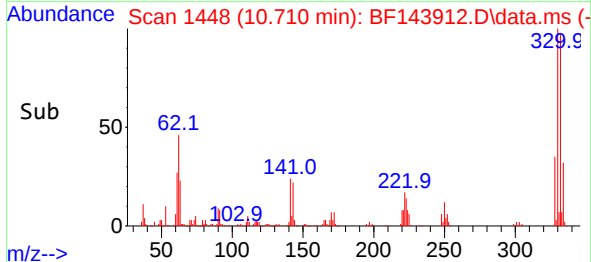
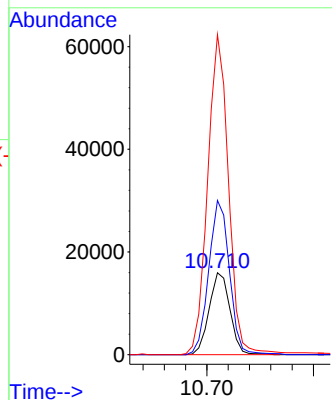


#67
4-Bromophenyl-phenylether
Concen: 5.611 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

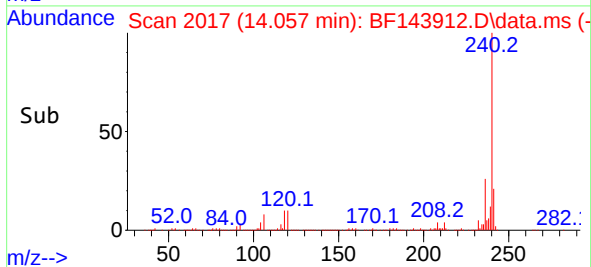
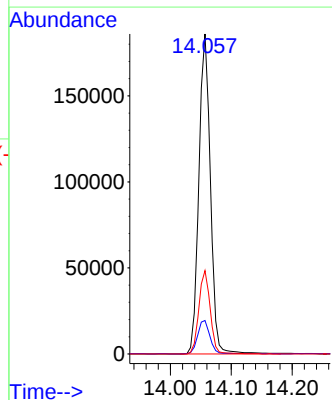
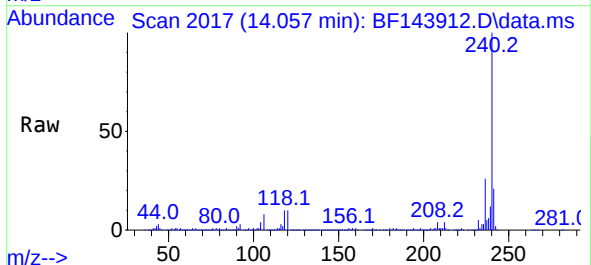


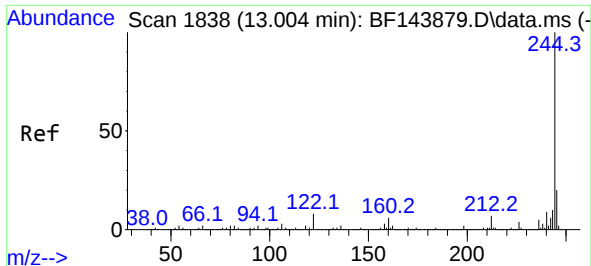
Tgt Ion:248 Resp: 21654
Ion Ratio Lower Upper
248 100
250 188.5 76.3 114.5#
141 390.8 49.7 74.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

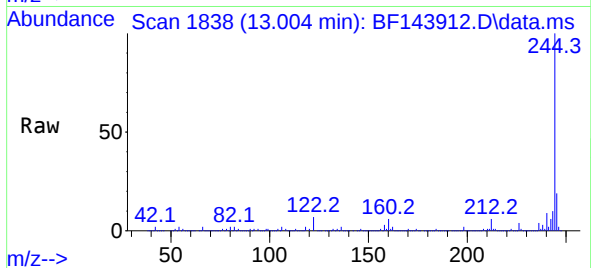
Tgt Ion:240 Resp: 244463
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.1 21.1 31.7



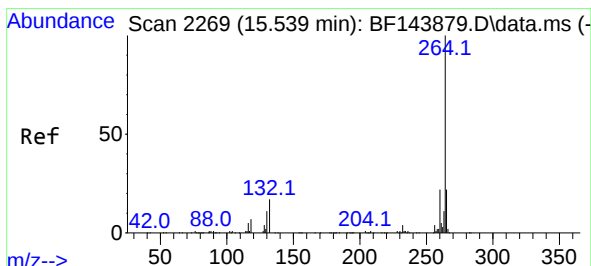
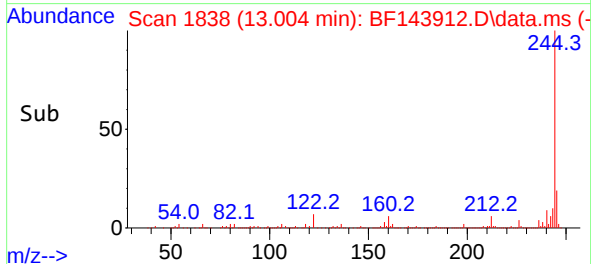
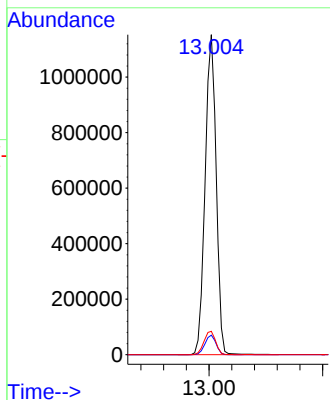


#79
Terphenyl-d14
Concen: 108.345 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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



Tgt Ion:244 Resp: 1549740
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 7.3 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: BF143912.D
Acq: 09 Oct 2025 16:48

Tgt Ion:264 Resp: 251049
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 21.5 17.5 26.3

