

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143915.D
 Acq On : 09 Oct 2025 18:15
 Operator : RC/JU
 Sample : Q3302-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 09 18:52:03 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)

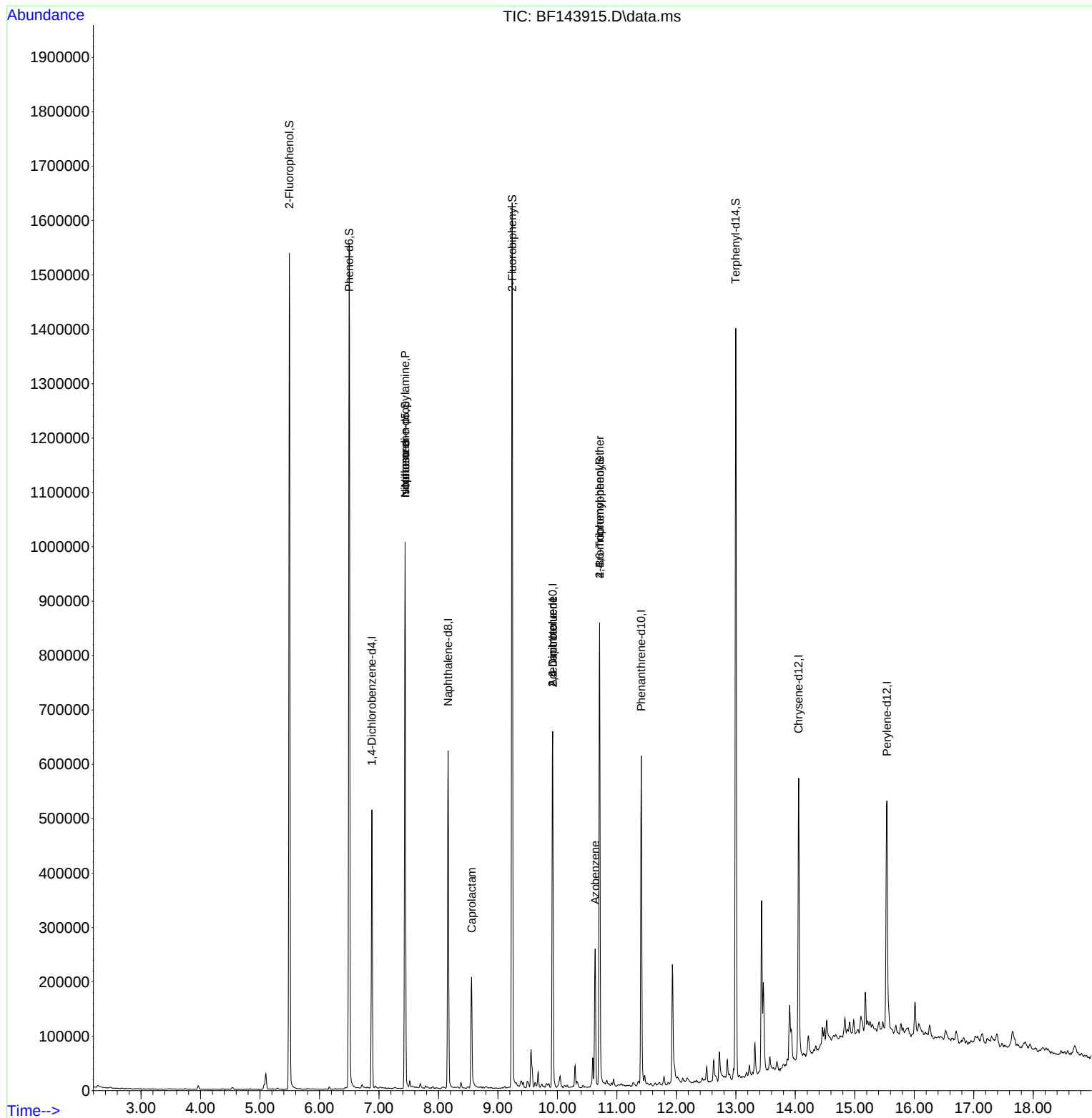
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	101957	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	381905	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	200341	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	317913	20.000	ng	0.00
76) Chrysene-d12	14.057	240	247937	20.000	ng	-0.01
86) Perylene-d12	15.539	264	278508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	587111	91.443	ng	0.00
7) Phenol-d6	6.498	99	682811	89.222	ng	-0.02
23) Nitrobenzene-d5	7.439	82	416291	66.225	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	157022	78.691	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	765192	60.605	ng	-0.01
79) Terphenyl-d14	12.998	244	706814	48.722	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	63759	12.171	ng	# 76
25) Isophorone	7.439	82	343754	25.935	ng	# 68
35) Caprolactam	8.557	113	26247	14.720	ng	# 99
51) 2,6-Dinitrotoluene	9.922	165	26255	11.129	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	26255	8.179	ng	# 26
63) Azobenzene	10.633	77	65580	5.309	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10377	2.954	ng	# 1

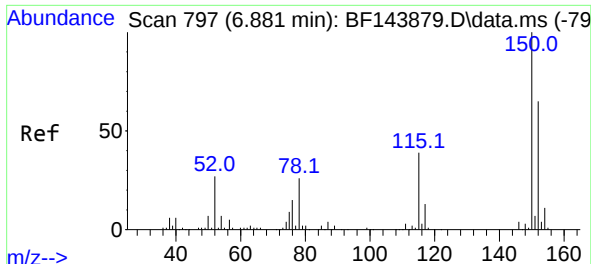
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143915.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Oct 09 18:52:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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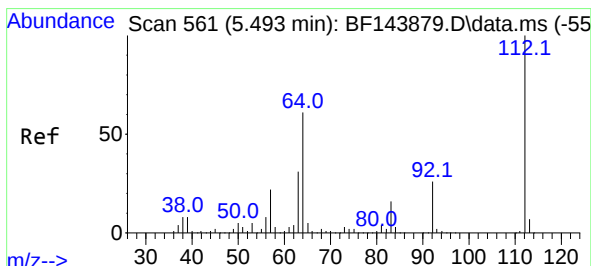
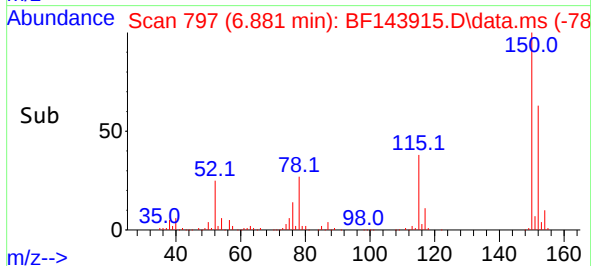
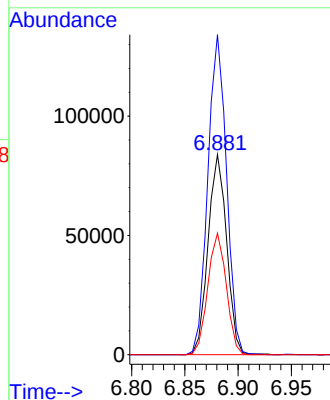
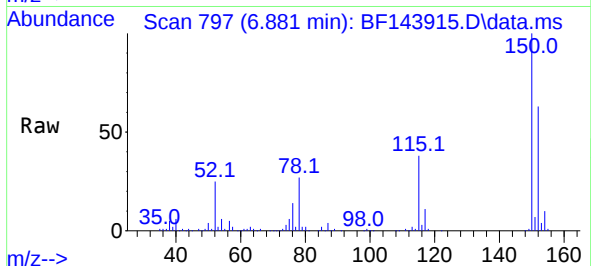




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

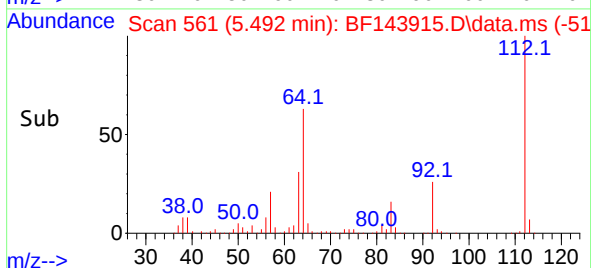
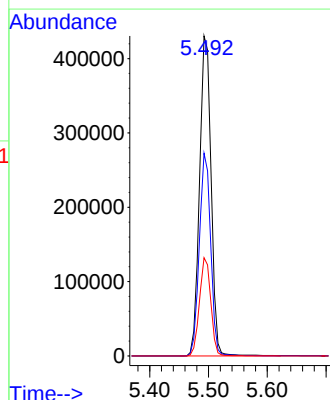
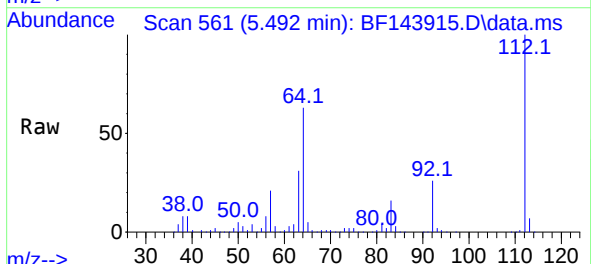
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

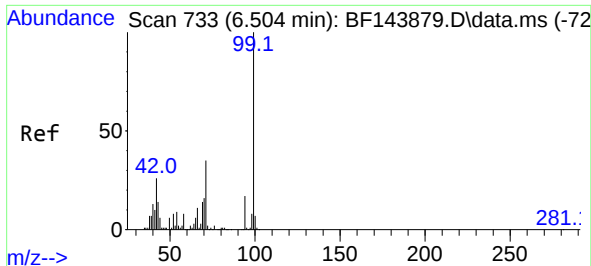
Tgt Ion:152 Resp: 101957
Ion Ratio Lower Upper
152 100
150 159.9 124.4 186.6
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 91.443 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

Tgt Ion:112 Resp: 587111
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 30.7 24.5 36.7

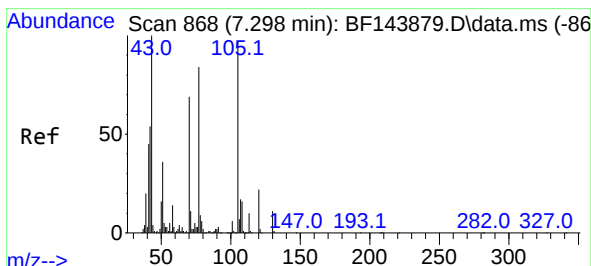
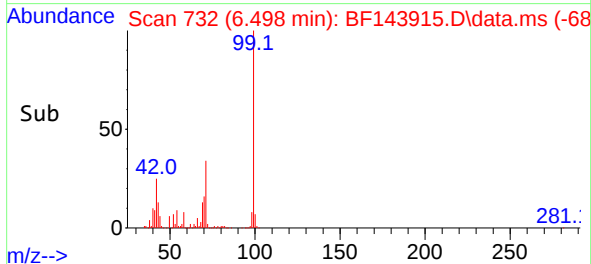
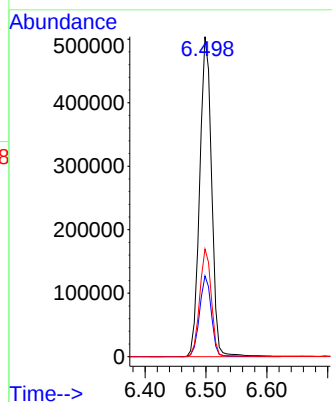
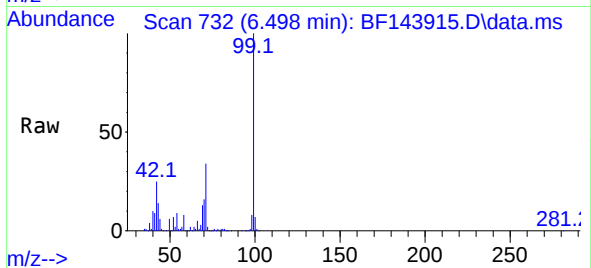




#7
Phenol-d6
Concen: 89.222 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

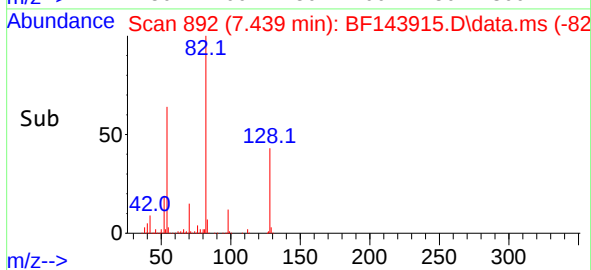
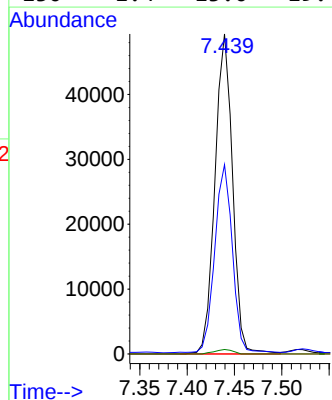
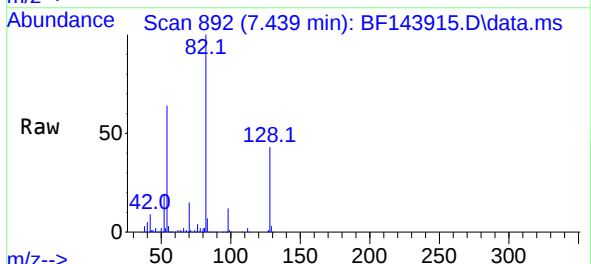
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

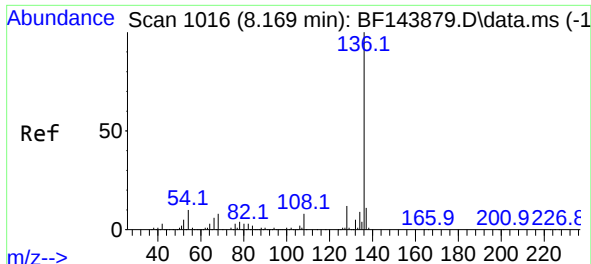
Tgt Ion: 99 Resp: 682811
Ion Ratio Lower Upper
99 100
42 25.2 21.0 31.4
71 33.7 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.171 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

Tgt Ion: 70 Resp: 63759
Ion Ratio Lower Upper
70 100
42 59.1 62.8 94.2#
101 0.0 6.7 10.1#
130 1.4 13.0 19.4#



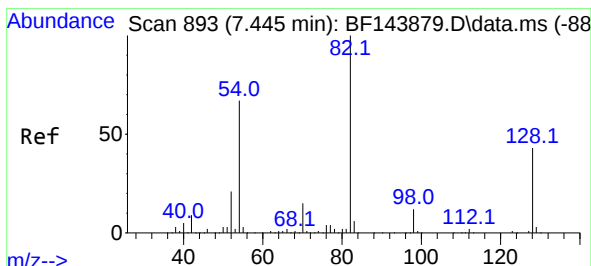
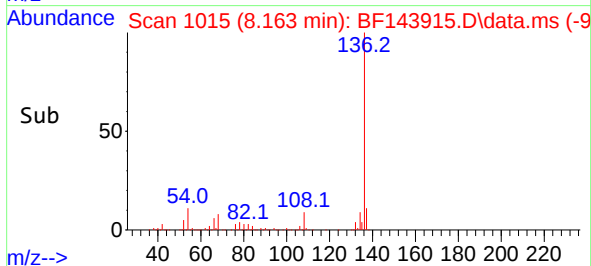
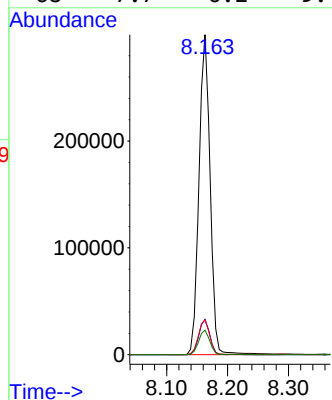
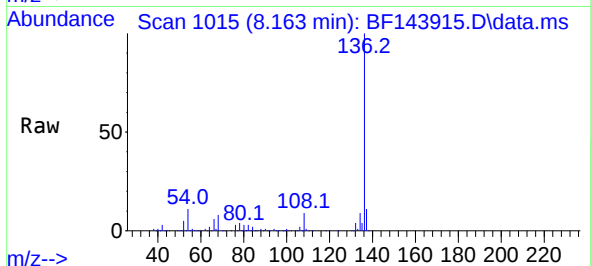


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

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

Tgt Ion:136 Resp: 381905

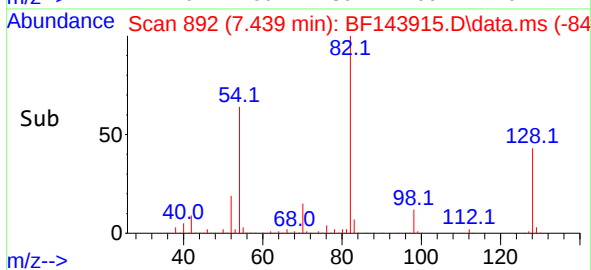
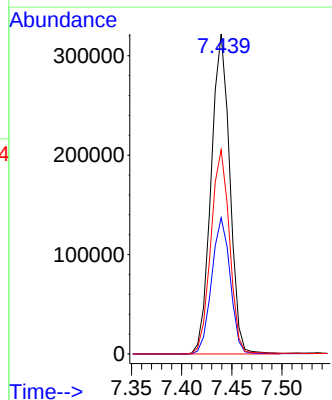
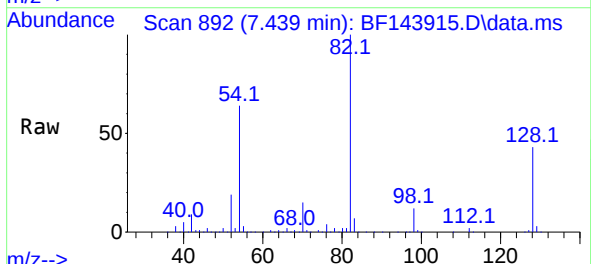
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.7	6.2	9.4

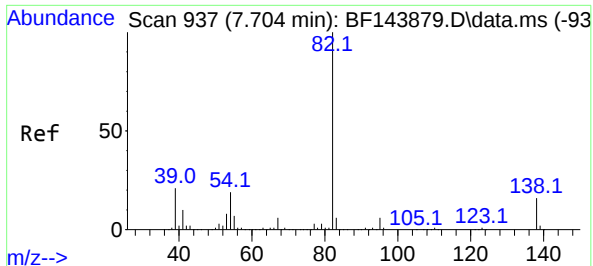


#23
Nitrobenzene-d5
Concen: 66.225 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

Tgt Ion: 82 Resp: 416291

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	63.8	53.2	79.8

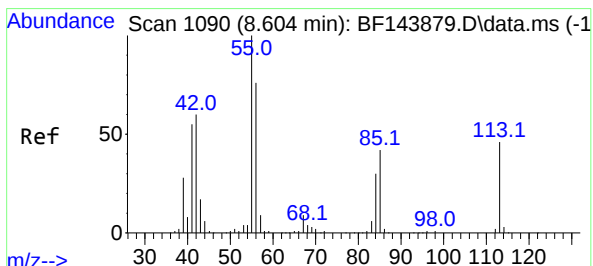
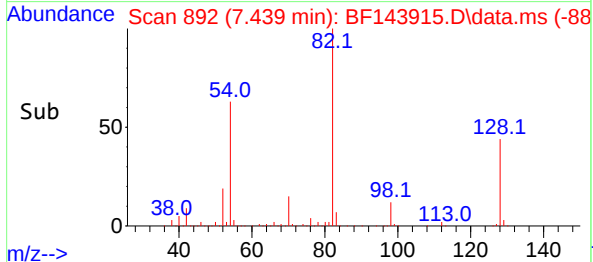
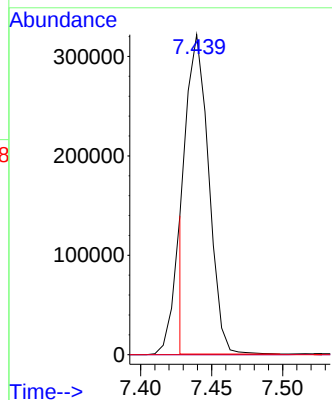
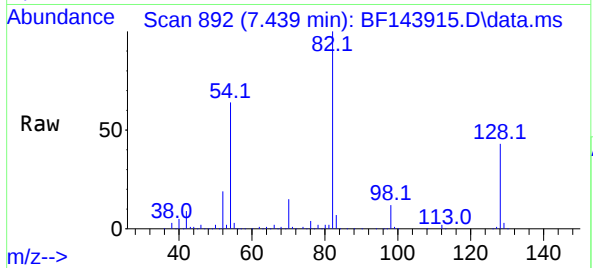




#25
Isophorone
Concen: 25.935 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

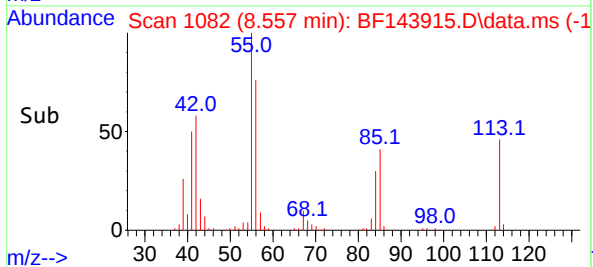
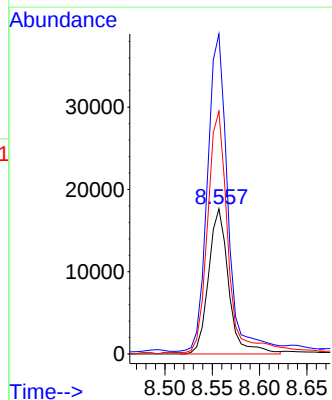
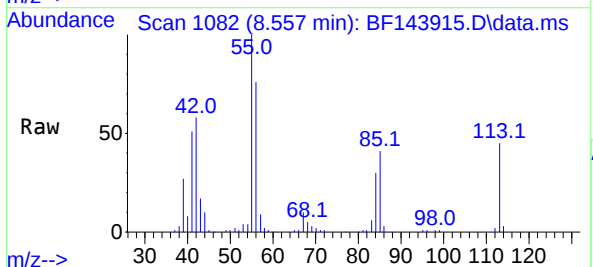
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

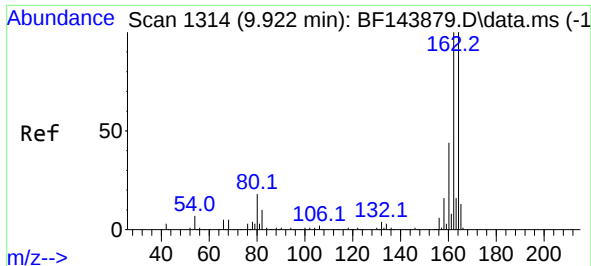
Tgt Ion: 82 Resp: 343754
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#35
Caprolactam
Concen: 14.720 ng
RT: 8.557 min Scan# 1082
Delta R.T. -0.088 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

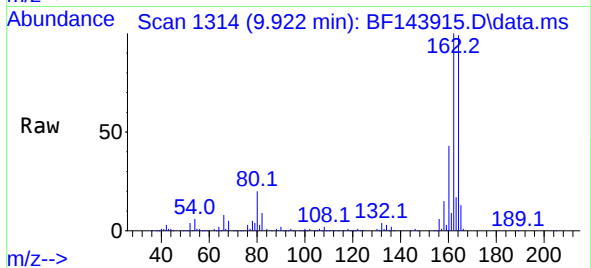
Tgt Ion: 113 Resp: 26247
Ion Ratio Lower Upper
113 100
55 220.5 199.6 239.6
56 167.2 146.0 186.0



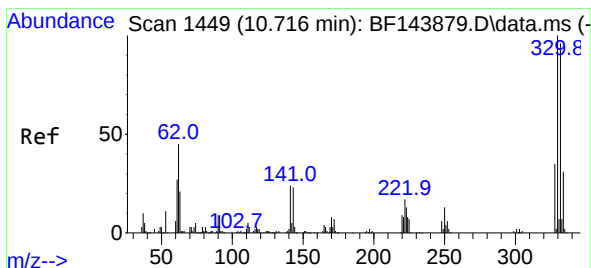
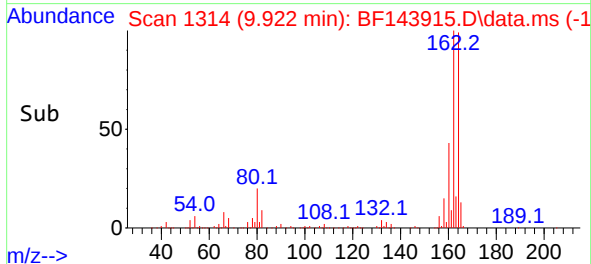
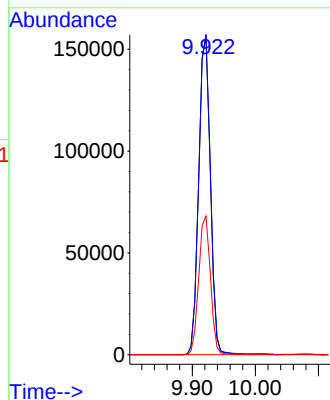


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

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

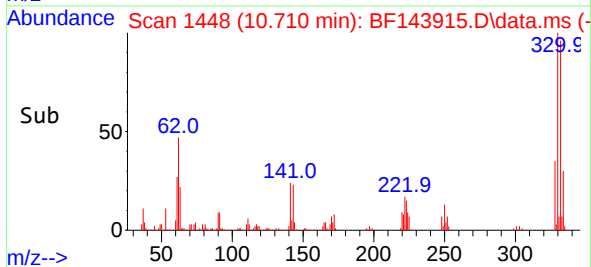
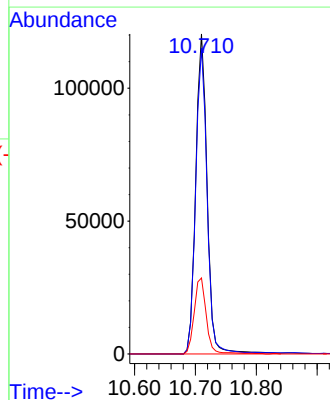
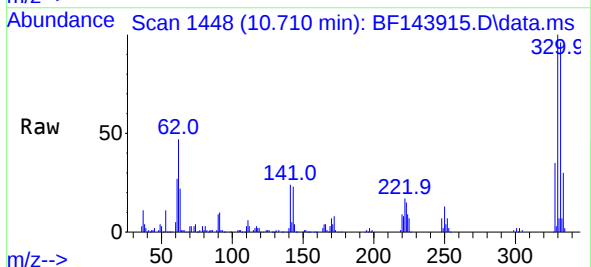


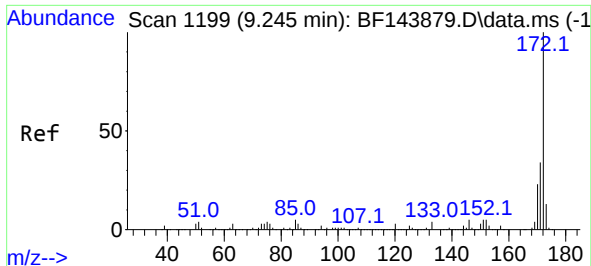
Tgt Ion:164 Resp: 200341
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.691 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

Tgt Ion:330 Resp: 157022
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 60.605 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143915.D

Acq: 09 Oct 2025 18:15

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01

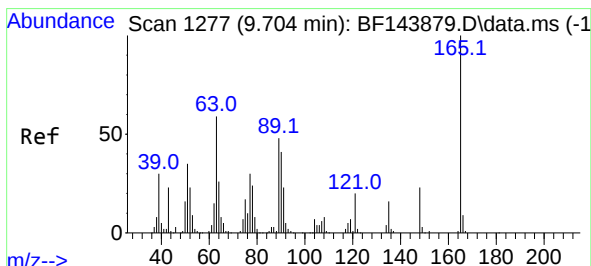
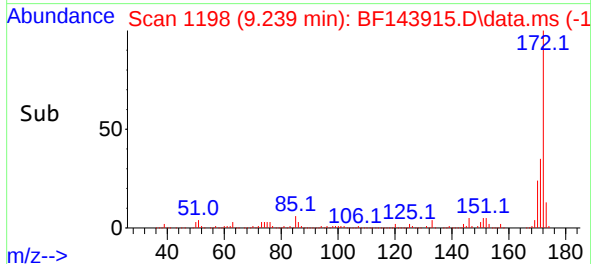
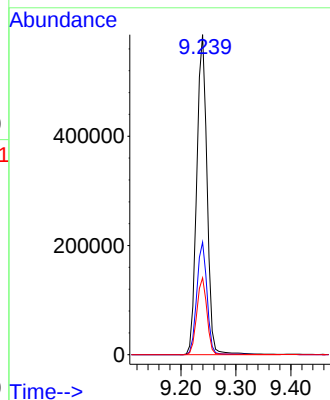
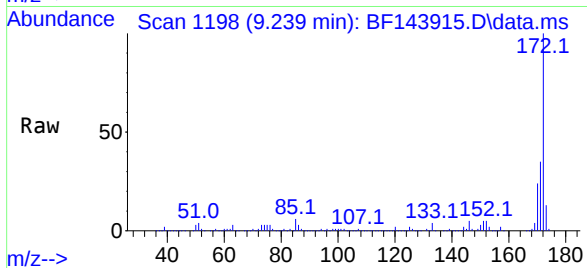
Tgt Ion:172 Resp: 765192

Ion Ratio Lower Upper

172 100

171 35.1 27.4 41.0

170 24.0 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 11.129 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF143915.D

Acq: 09 Oct 2025 18:15

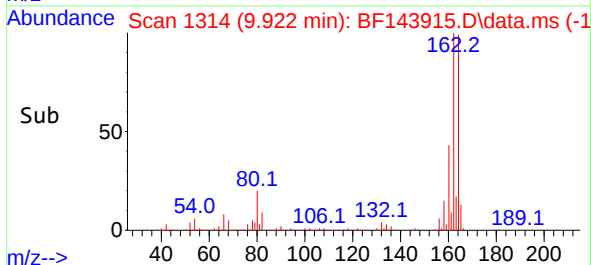
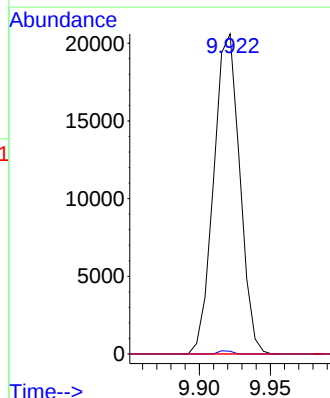
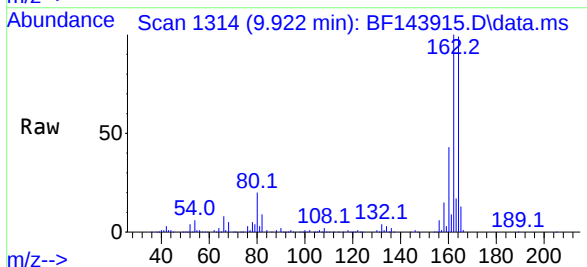
Tgt Ion:165 Resp: 26255

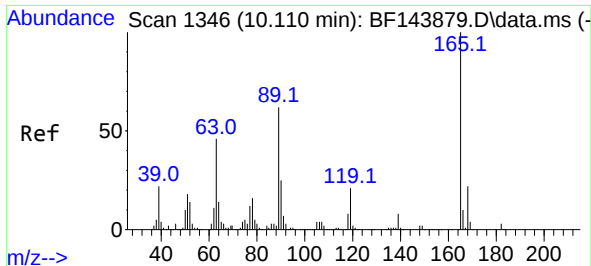
Ion Ratio Lower Upper

165 100

63 0.8 47.3 70.9#

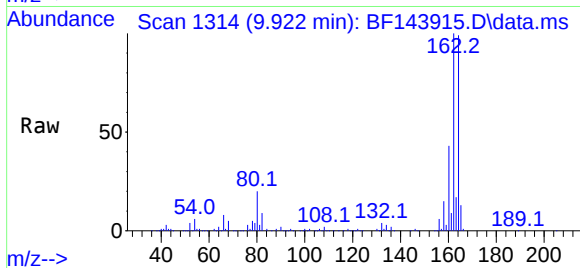
89 0.0 38.2 57.4#



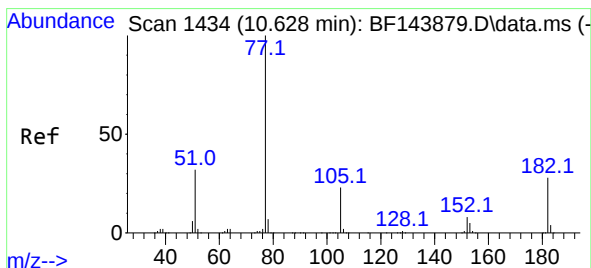
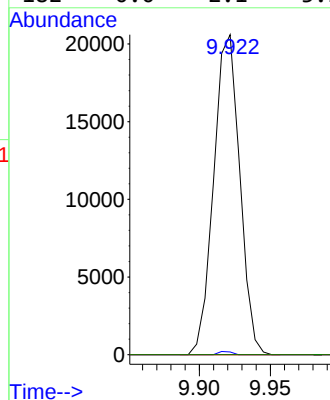
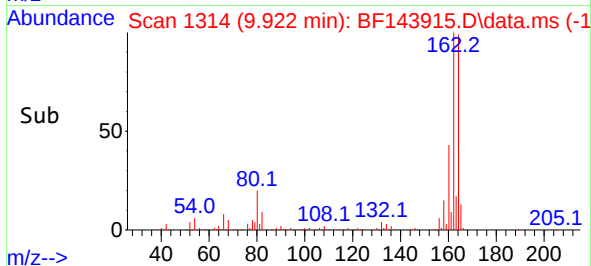


#57
2,4-Dinitrotoluene
Concen: 8.179 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

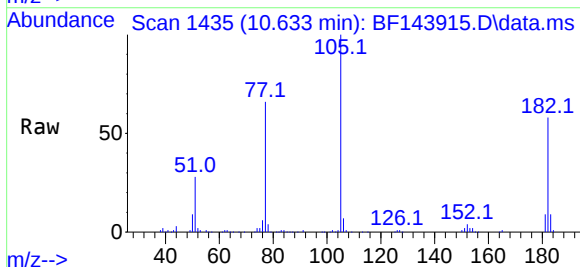
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01



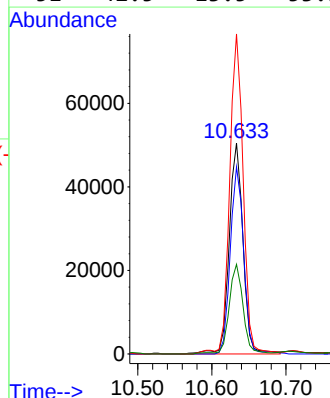
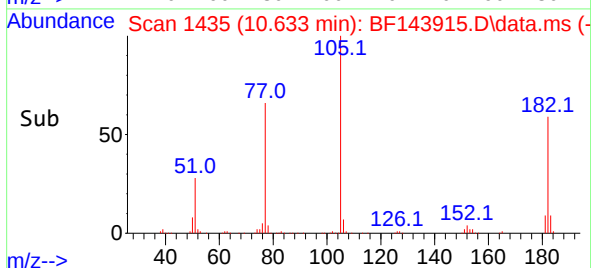
Tgt Ion:165 Resp: 26255
Ion Ratio Lower Upper
165 100
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89 0.0 49.4 74.2#
182 0.0 2.1 3.1#

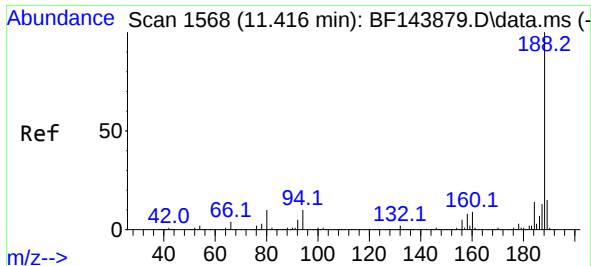


#63
Azobenzene
Concen: 5.309 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15



Tgt Ion: 77 Resp: 65580
Ion Ratio Lower Upper
77 100
182 88.7 7.3 47.3#
105 151.7 3.0 43.0#
51 42.5 13.5 53.5

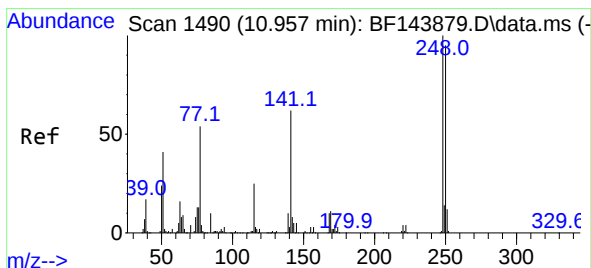
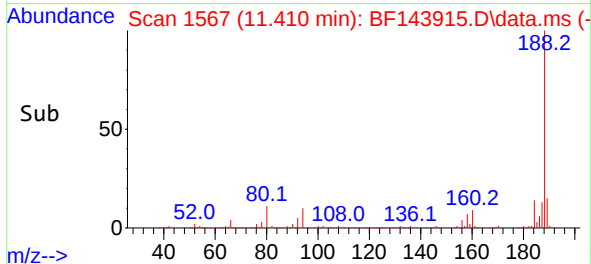
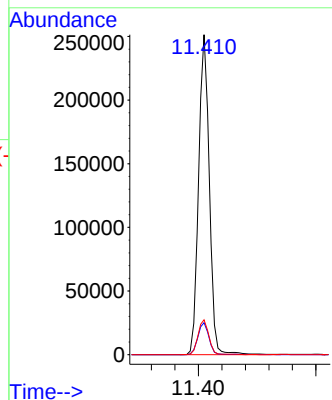
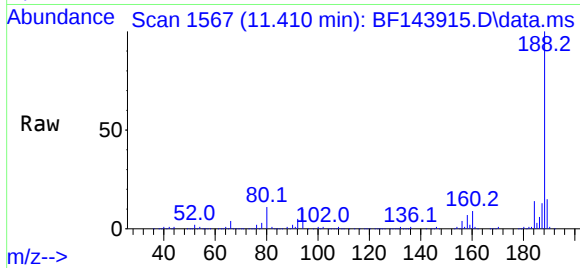




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

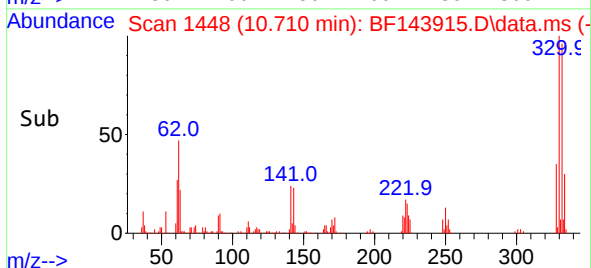
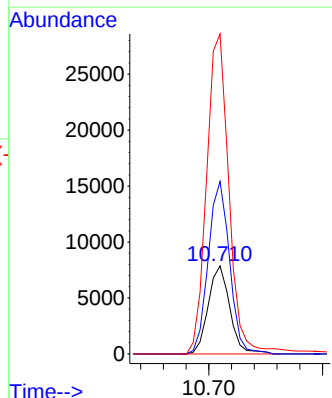
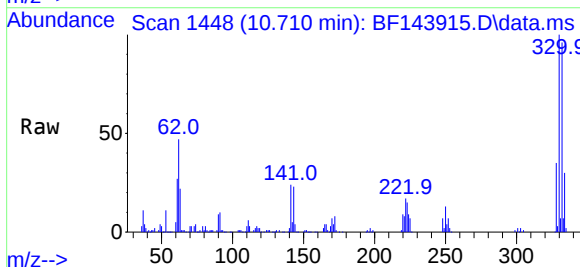
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

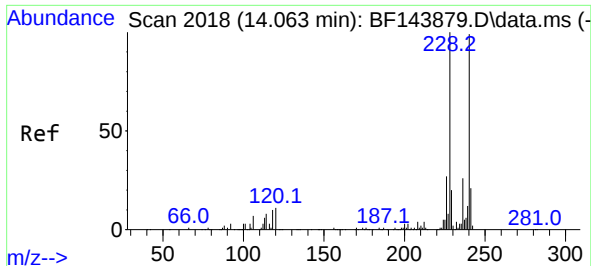
Tgt Ion:188 Resp: 317913
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.954 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

Tgt Ion:248 Resp: 10377
Ion Ratio Lower Upper
248 100
250 196.0 76.3 114.5#
141 363.8 49.7 74.5#

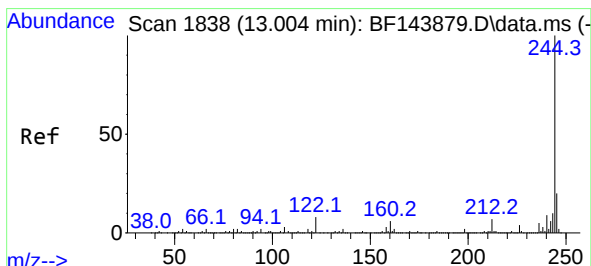
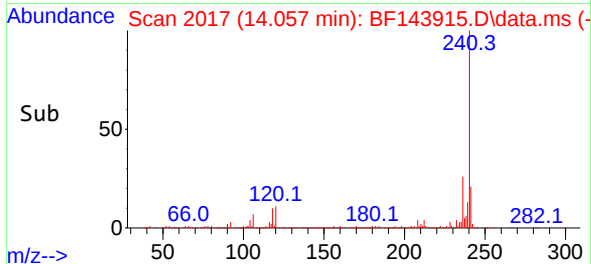
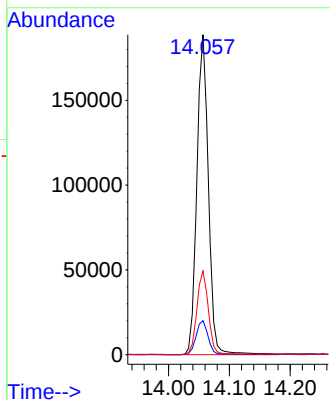
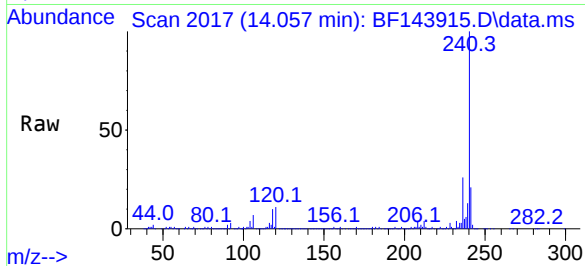




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

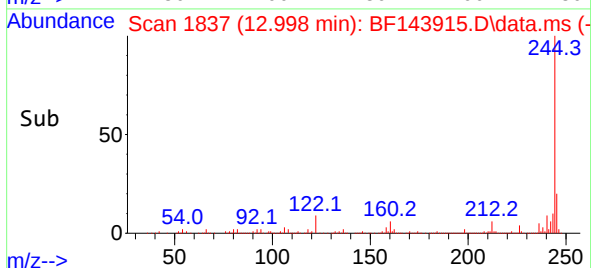
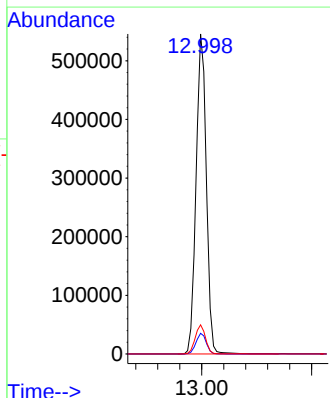
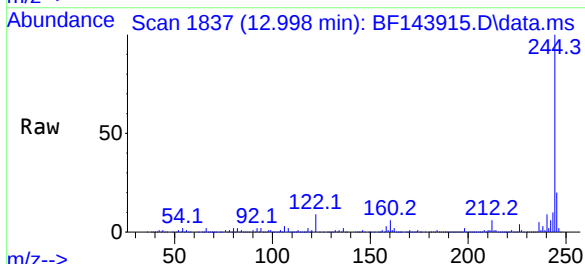
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

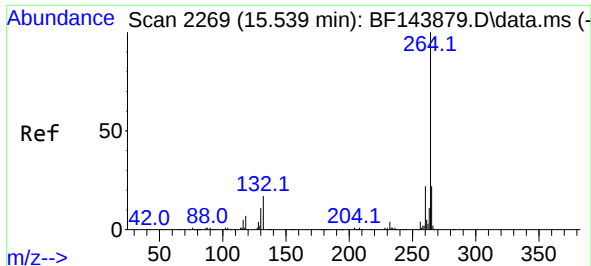
Tgt Ion:240 Resp: 247937
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.2 21.1 31.7



#79
Terphenyl-d14
Concen: 48.722 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

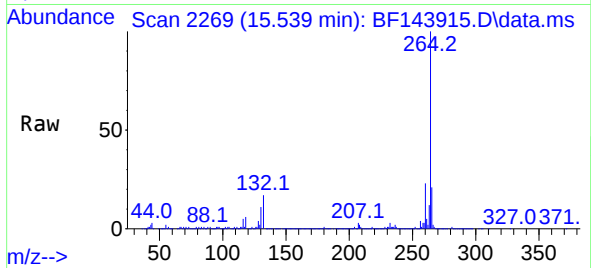
Tgt Ion:244 Resp: 706814
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.1 6.4 9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

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



Tgt Ion:264 Resp: 278508
Ion Ratio Lower Upper
264 100
260 23.1 17.8 26.8
265 20.7 17.5 26.3

