

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

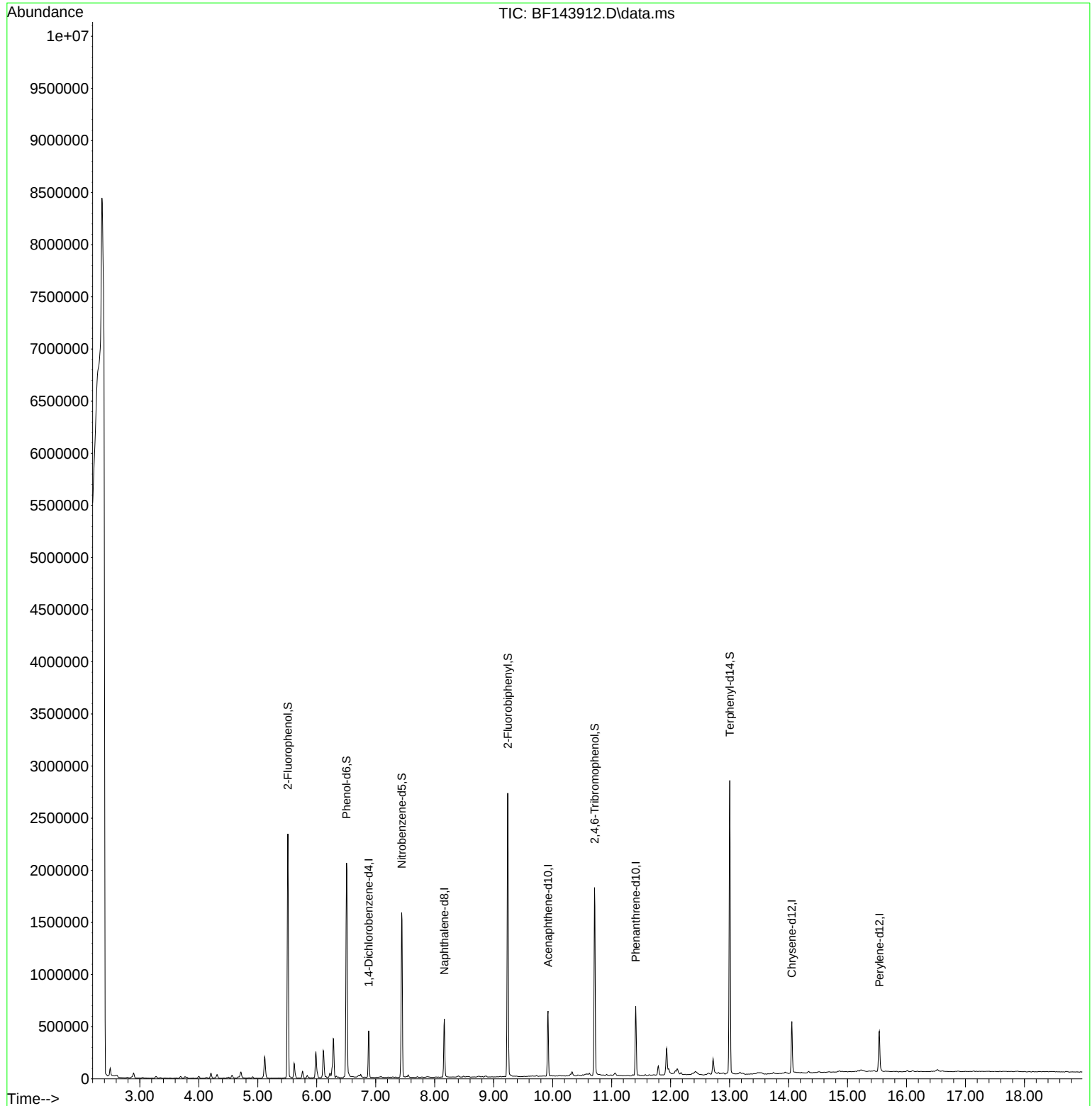
Target Compounds	Qvalue

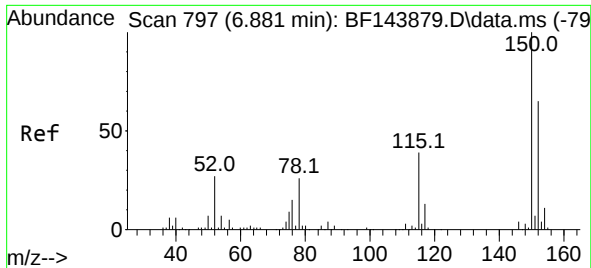
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

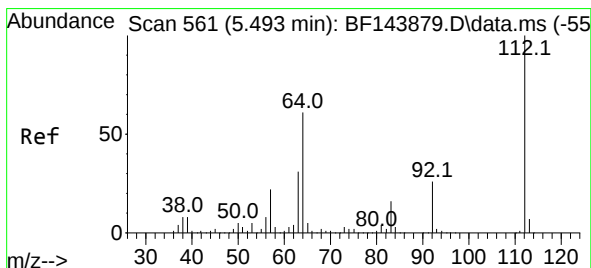
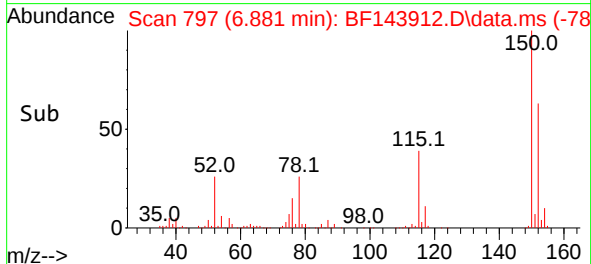
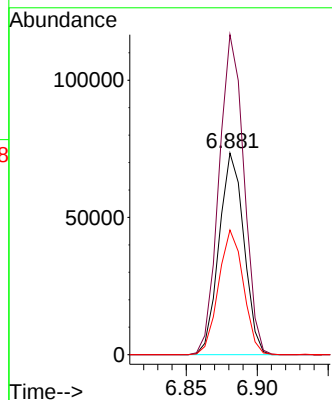
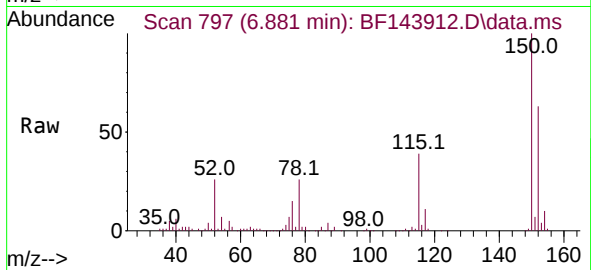




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143912.D
 Acq: 09 Oct 2025 16:48

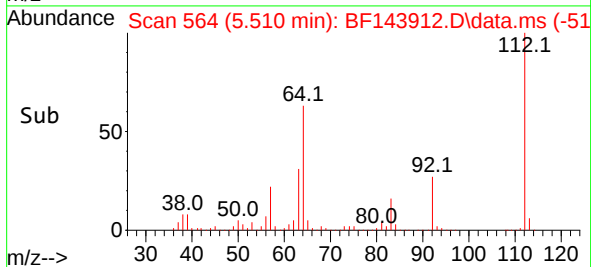
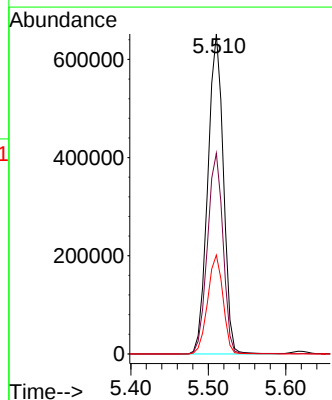
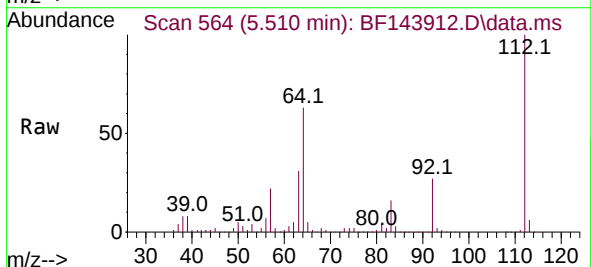
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01

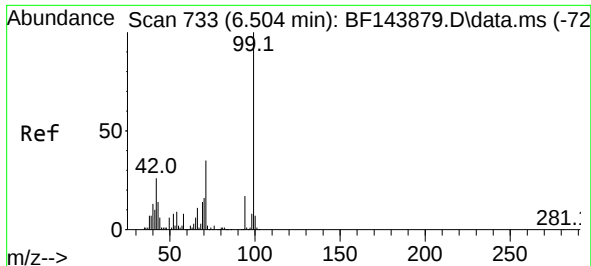
Tgt Ion:152 Resp: 89342
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.4 186.6
 115 61.8 48.1 72.1



#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

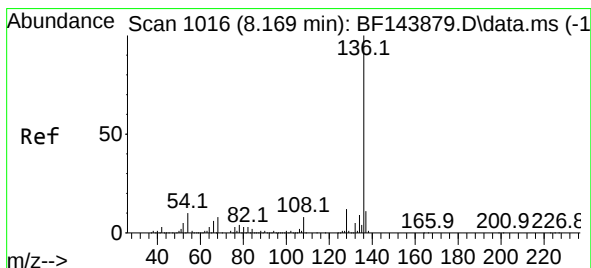
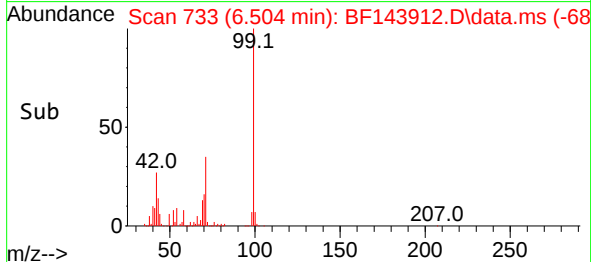
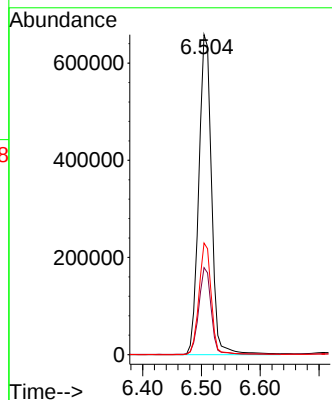
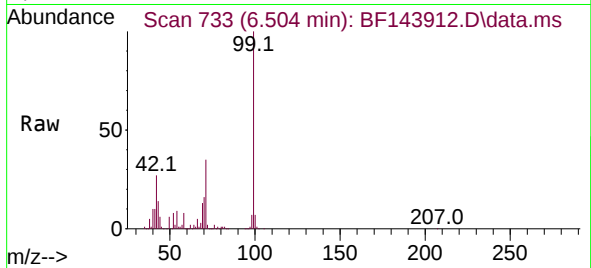




#7
Phenol-d6
Concen: 147.864 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

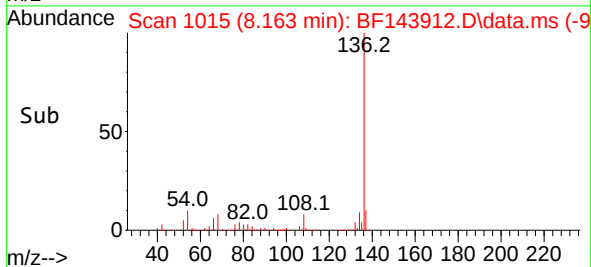
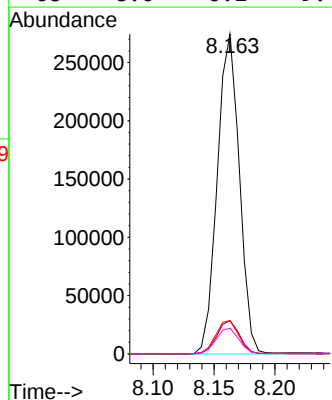
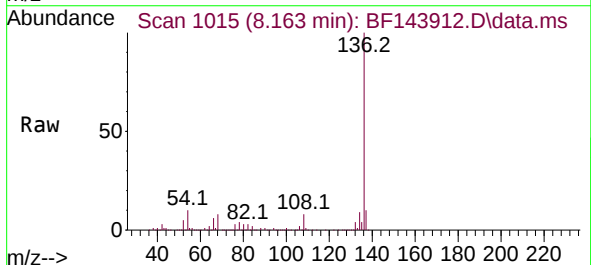
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

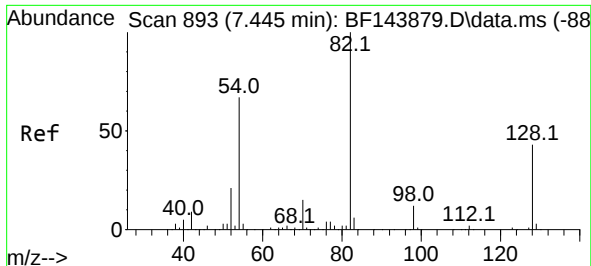
Tgt Ion:	99	Resp:	991588
Ion	Ratio	Lower	Upper
99	100		
42	27.2	21.0	31.4
71	34.9	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

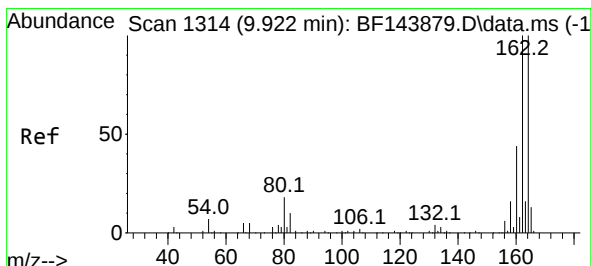
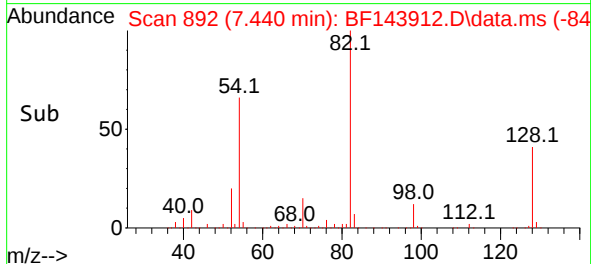
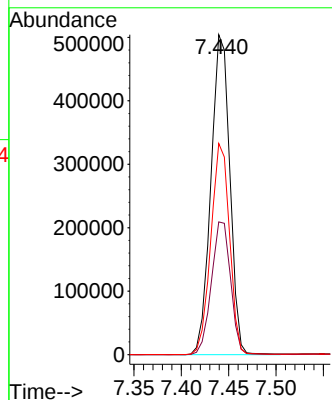
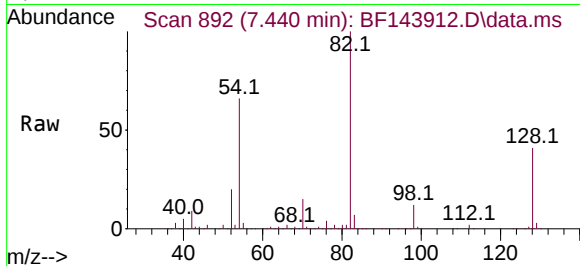




#23
Nitrobenzene-d5
Concen: 123.230 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

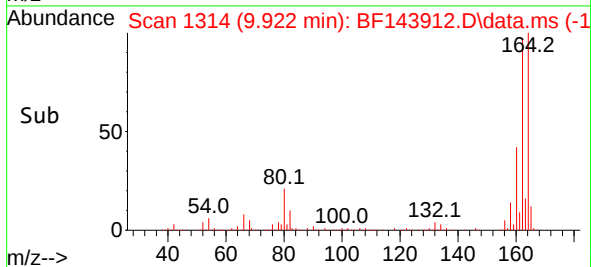
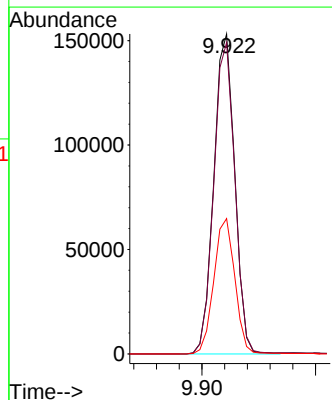
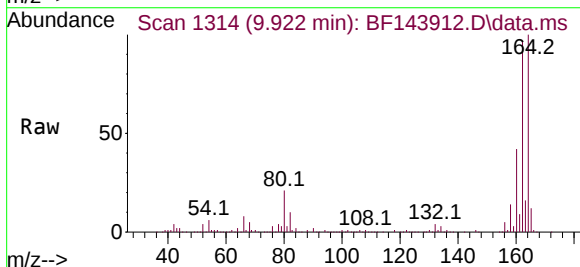
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

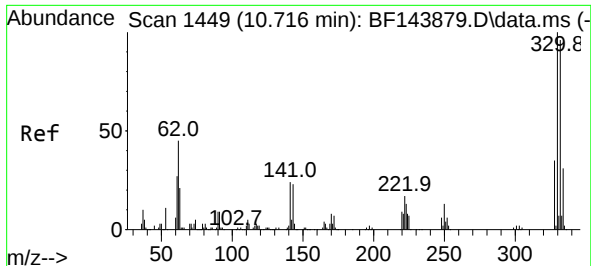
Tgt Ion: 82 Resp: 700646
Ion Ratio Lower Upper
82 100
128 41.5 34.0 51.0
54 66.0 53.2 79.8



#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

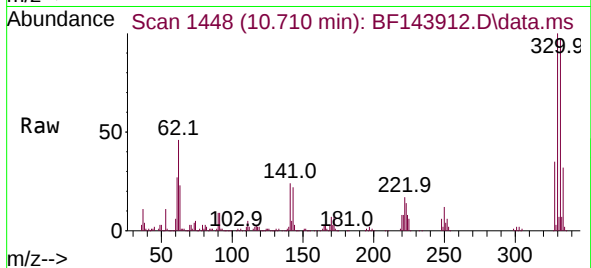
Tgt Ion:164 Resp: 195924
Ion Ratio Lower Upper
164 100
162 97.3 80.2 120.2
160 42.3 35.4 53.0



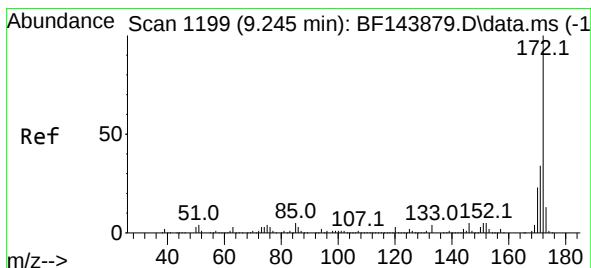
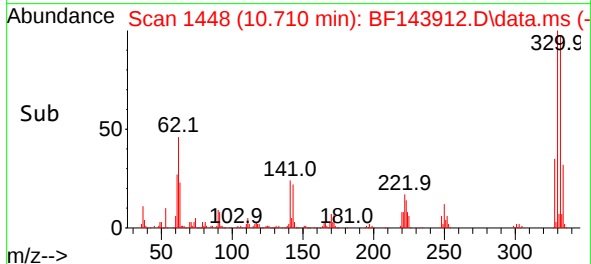
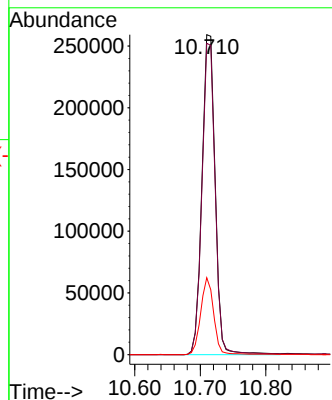


#42
2,4,6-Tribromophenol
Concen: 184.570 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143912.D
Acq: 09 Oct 2025 16:48

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

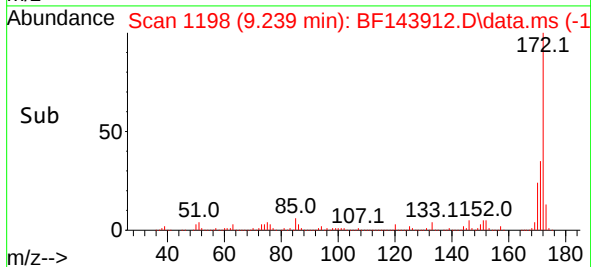
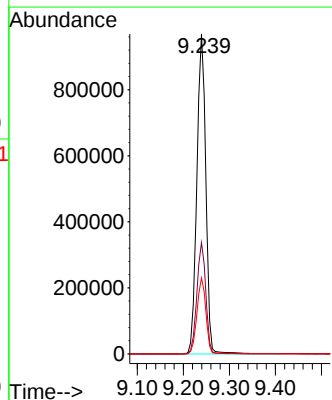
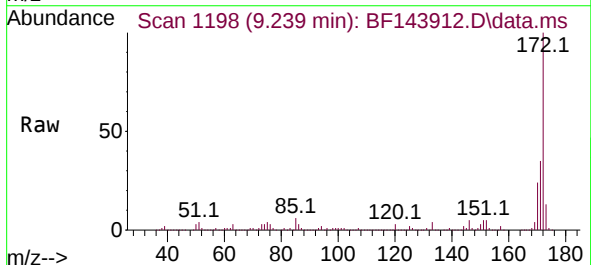


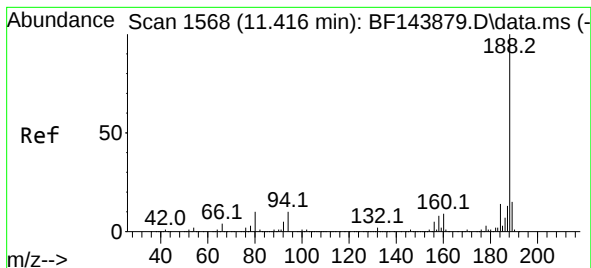
Tgt Ion:330 Resp: 360178
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 23.6 20.2 30.4



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143912.D

Acq: 09 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01

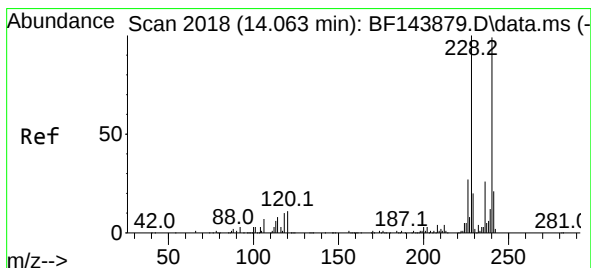
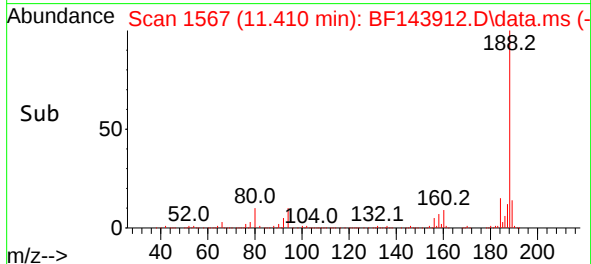
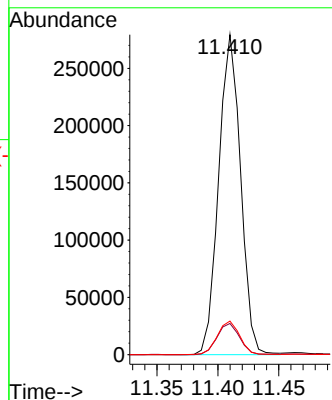
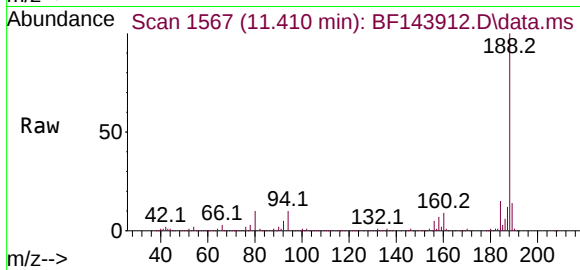
Tgt Ion:188 Resp: 349173

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 10.5 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: BF143912.D

Acq: 09 Oct 2025 16:48

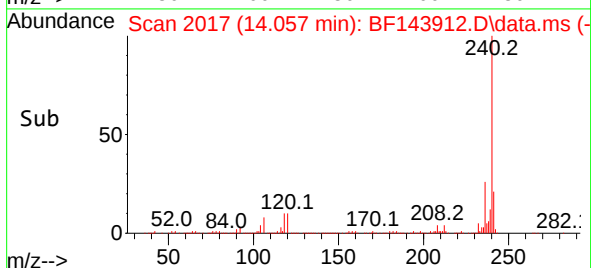
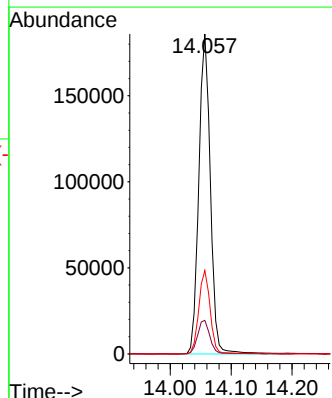
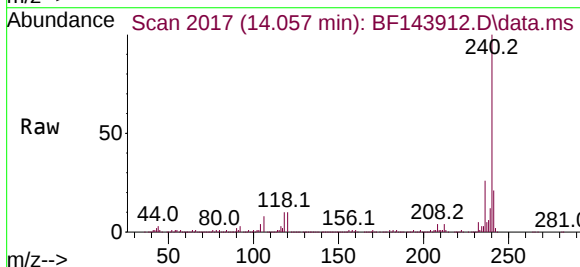
Tgt Ion:240 Resp: 244463

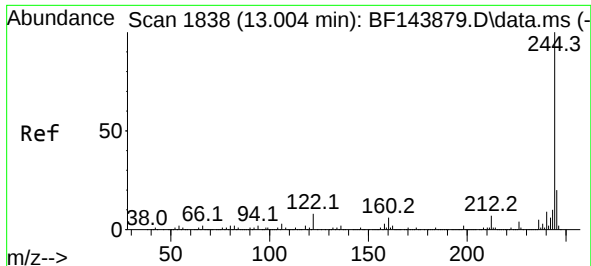
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 26.1 21.1 31.7

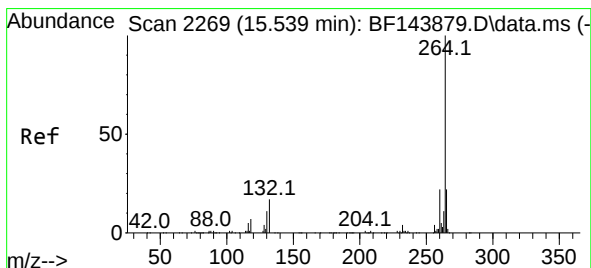
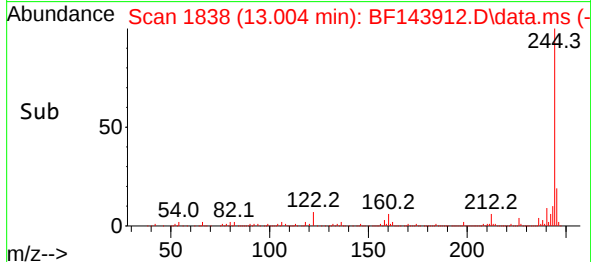
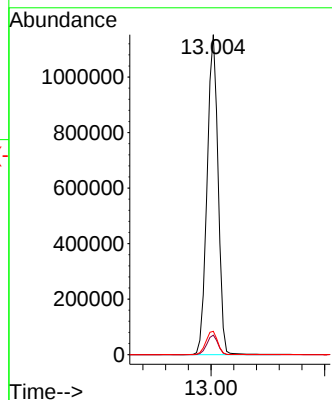
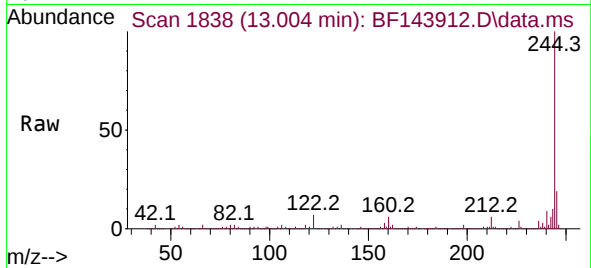




#79
 Terphenyl-d14
 Concen: 108.345 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143912.D
 Acq: 09 Oct 2025 16:48

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

