

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

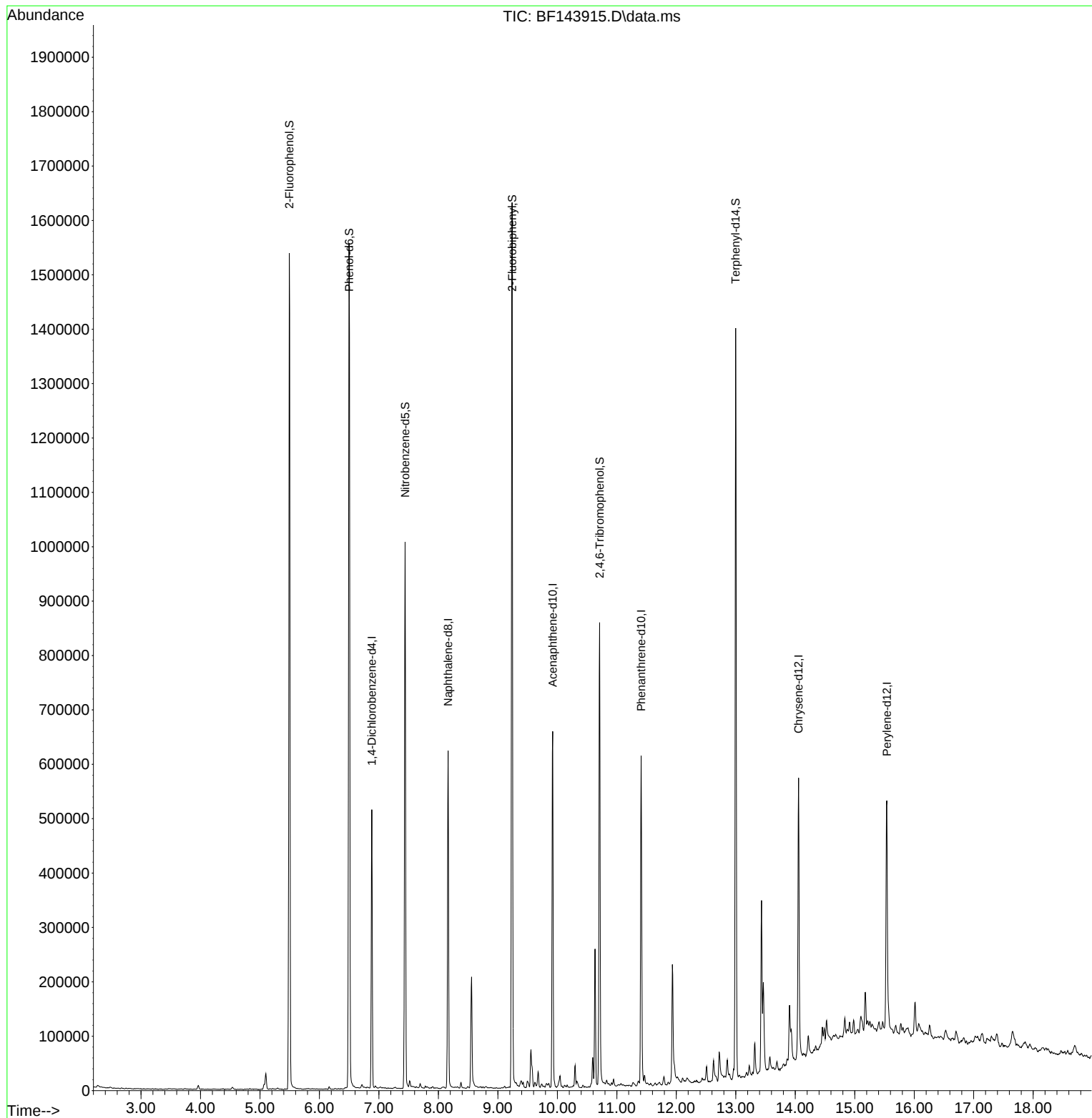
Target Compounds	Qvalue

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

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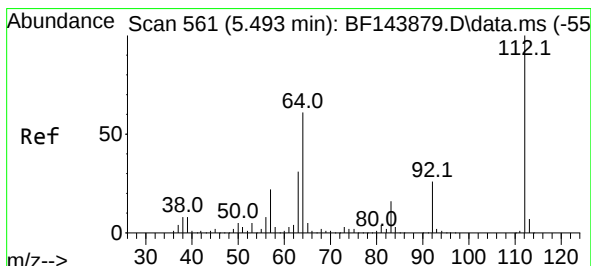
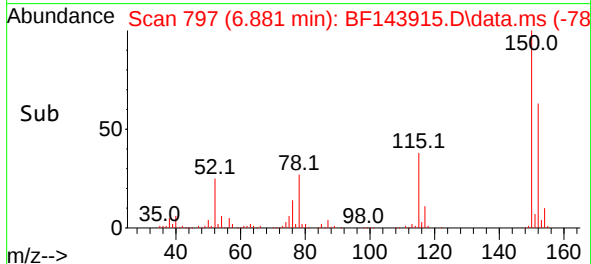
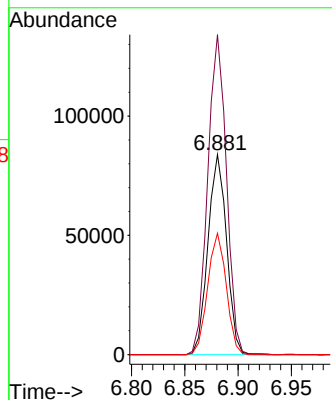
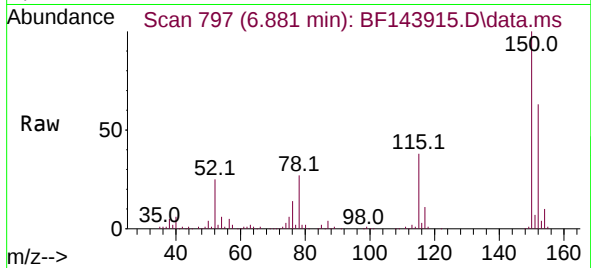




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

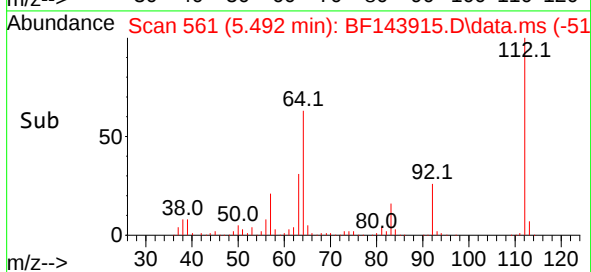
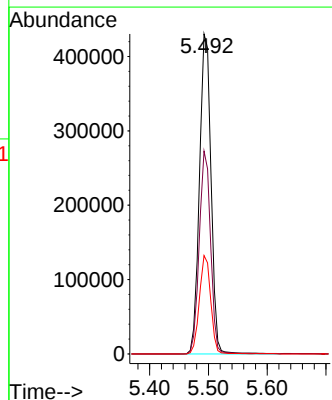
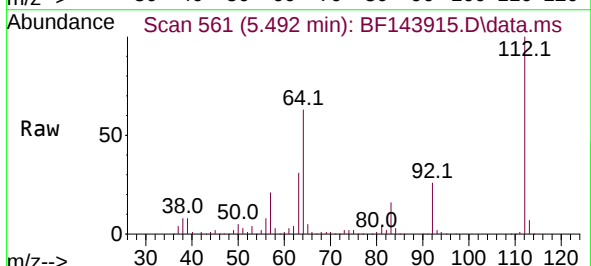
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

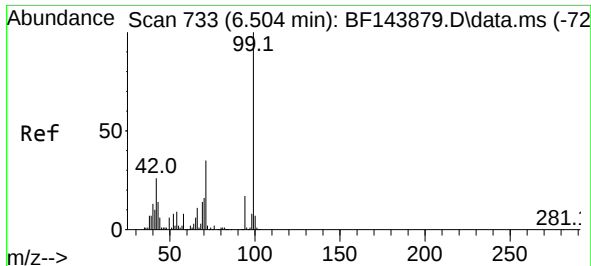
Tgt Ion:152 Resp: 101957
Ion Ratio Lower Upper
152 100
150 159.9 124.4 186.6
115 60.6 48.1 72.1



#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

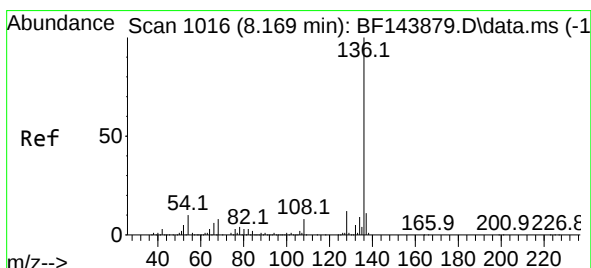
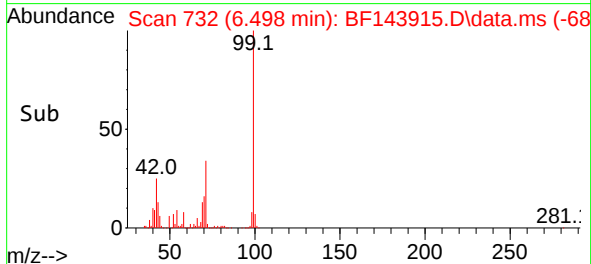
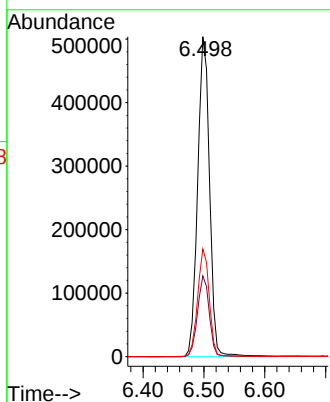
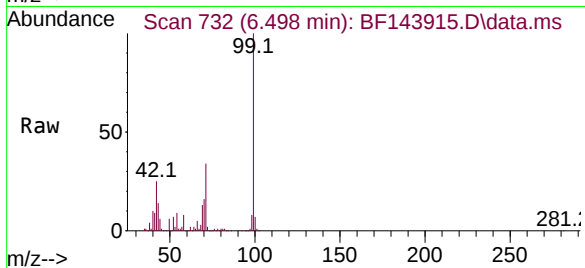




#7
Phenol-d6
Concen: 89.222 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.018 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

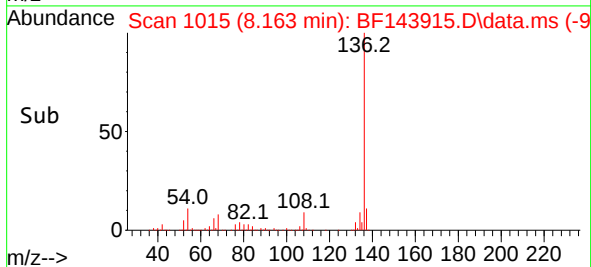
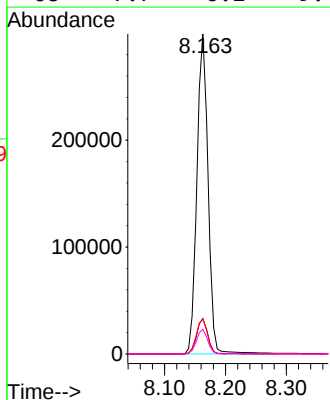
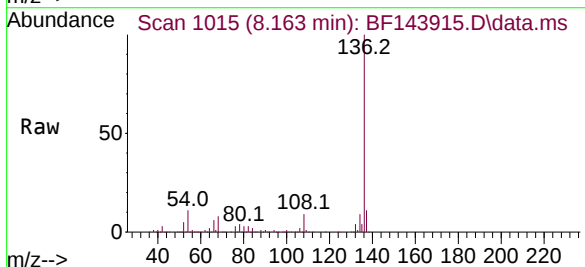
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

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

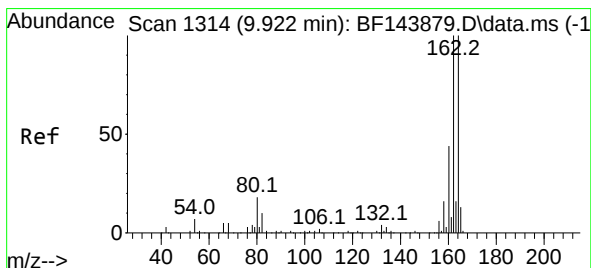
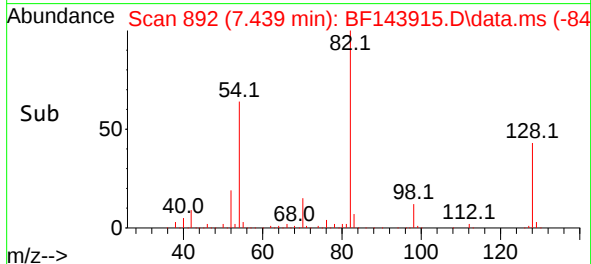
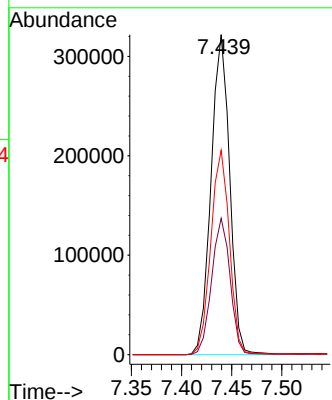
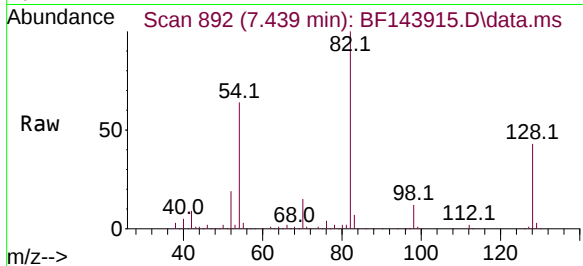




#23
Nitrobenzene-d5
Concen: 66.225 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

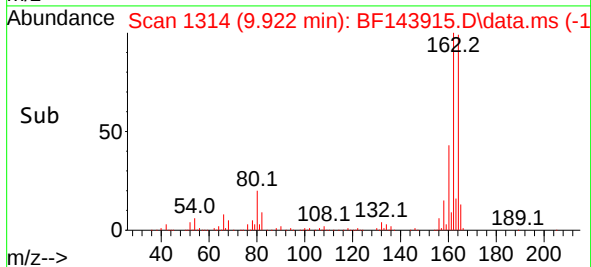
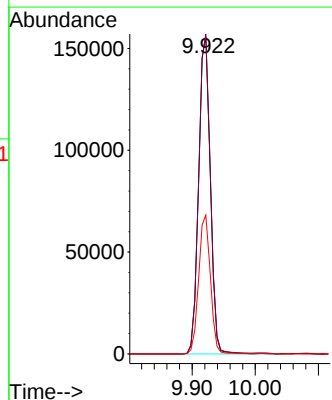
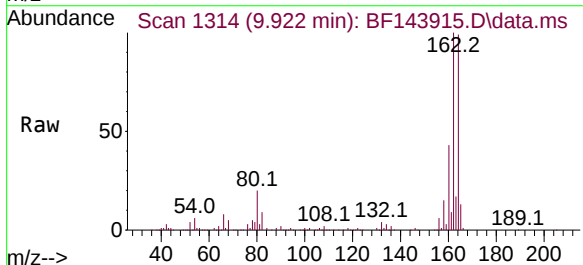
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

Tgt Ion: 82 Resp: 416291
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 63.8 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: BF143915.D
Acq: 09 Oct 2025 18:15

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# 1449

Delta R.T. -0.012 min

Lab File: BF143915.D

Acq: 09 Oct 2025 18:15

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01

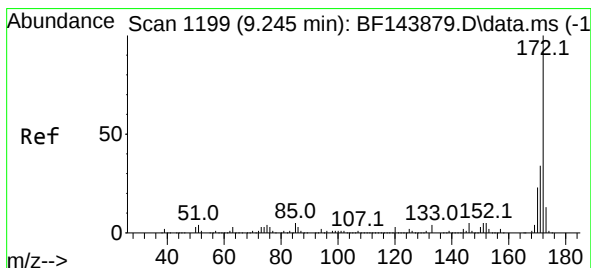
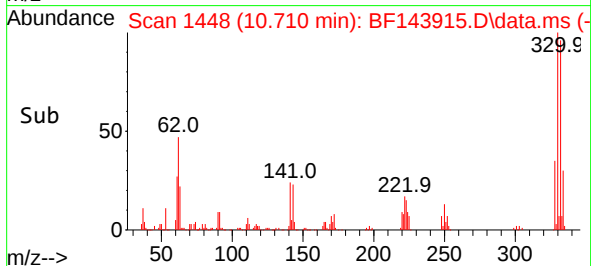
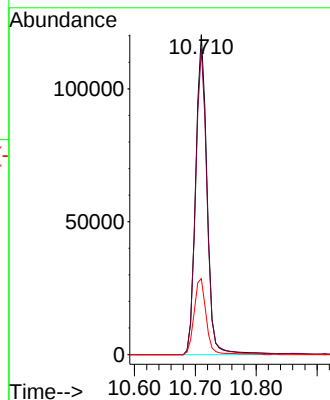
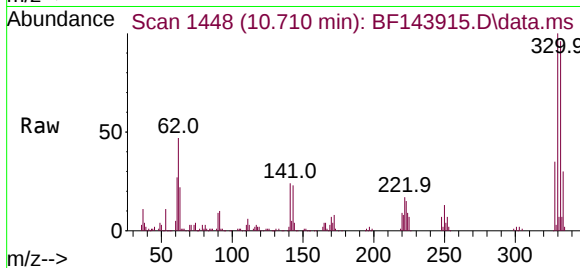
Tgt Ion:330 Resp: 157022

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# 1198

Delta R.T. -0.012 min

Lab File: BF143915.D

Acq: 09 Oct 2025 18:15

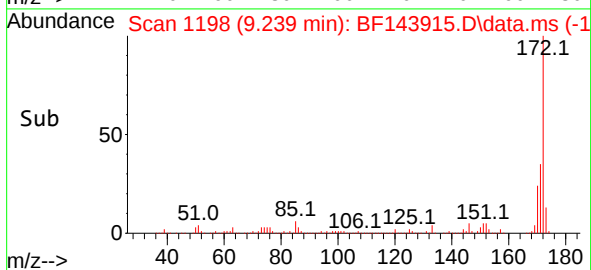
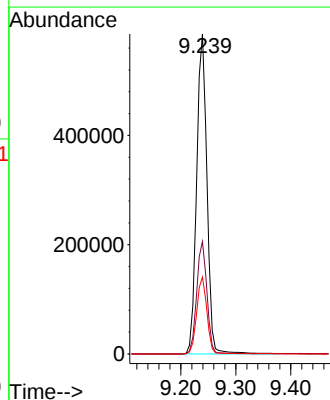
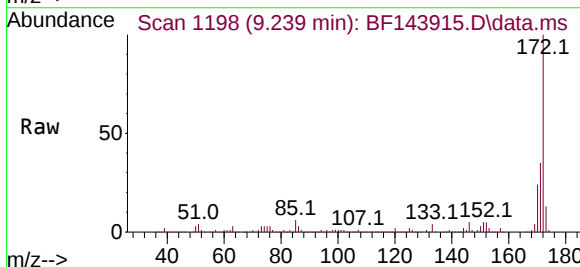
Tgt Ion:172 Resp: 765192

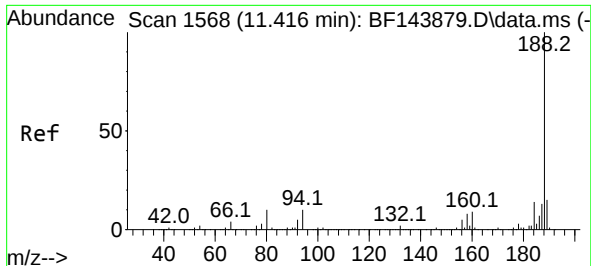
Ion Ratio Lower Upper

172 100

171 35.1 27.4 41.0

170 24.0 18.6 28.0

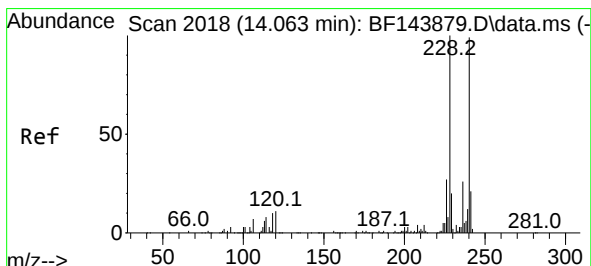
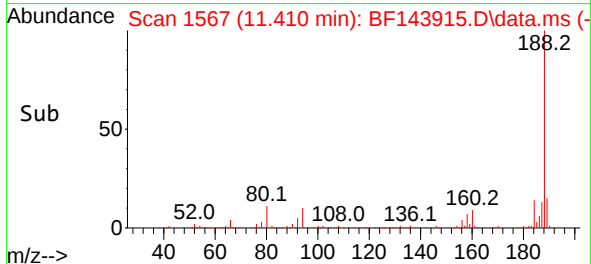
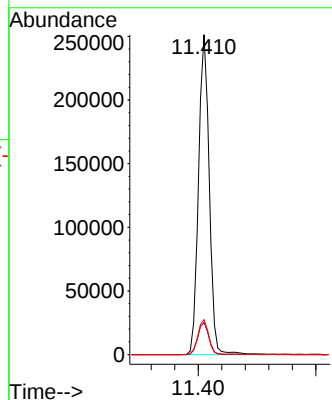
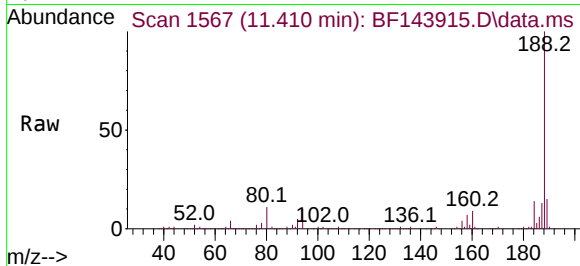




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

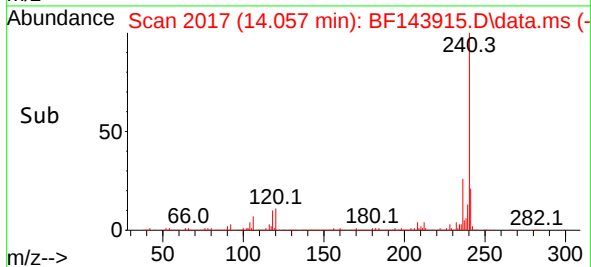
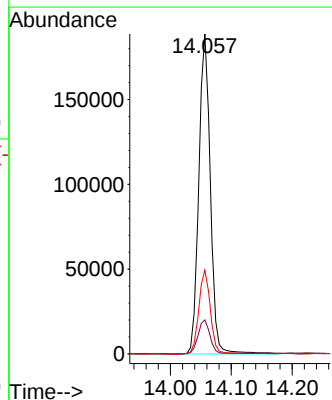
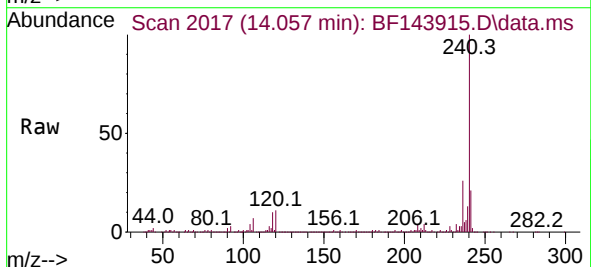
Instrument :
BNA_F
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OR-658-COMP-01

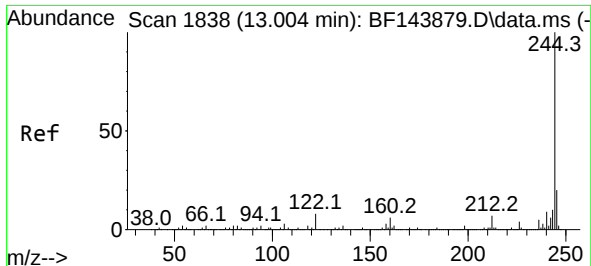
Tgt Ion:188 Resp: 317913
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143915.D
Acq: 09 Oct 2025 18:15

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

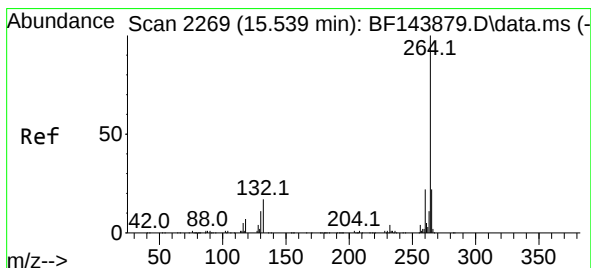
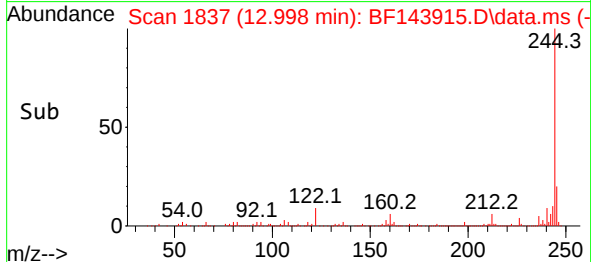
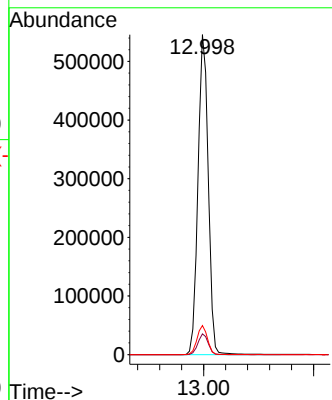
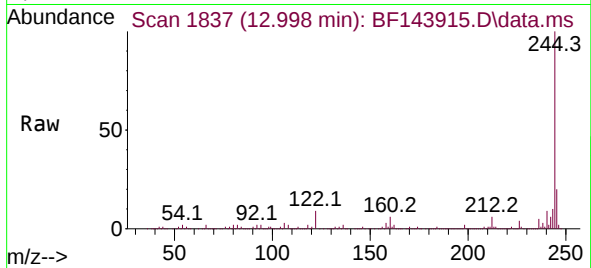




#79
 Terphenyl-d14
 Concen: 48.722 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF143915.D
 Acq: 09 Oct 2025 18:15

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

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# 2269
 Delta R.T. -0.006 min
 Lab File: BF143915.D
 Acq: 09 Oct 2025 18:15

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

