

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

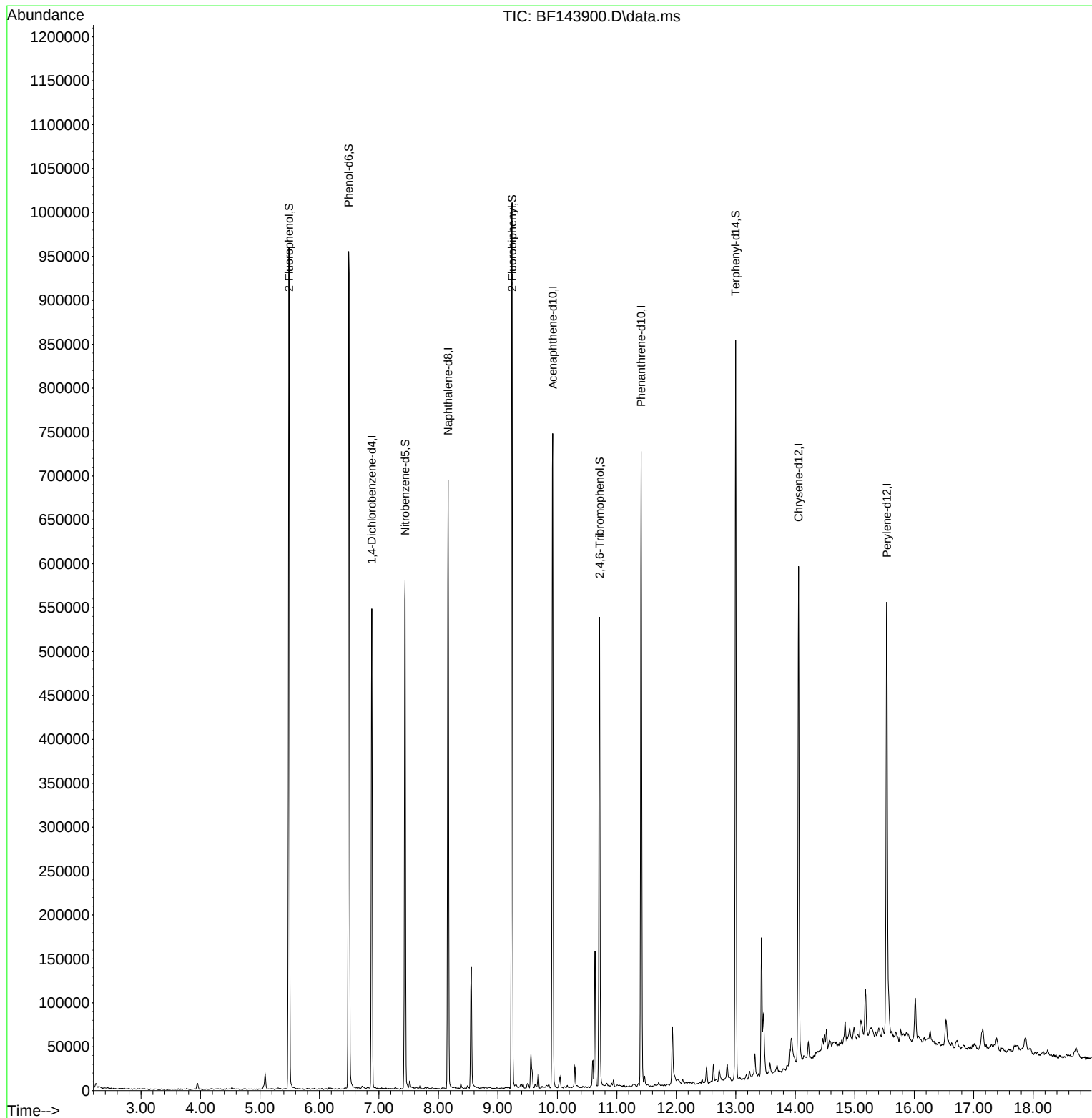
Target Compounds	Qvalue

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

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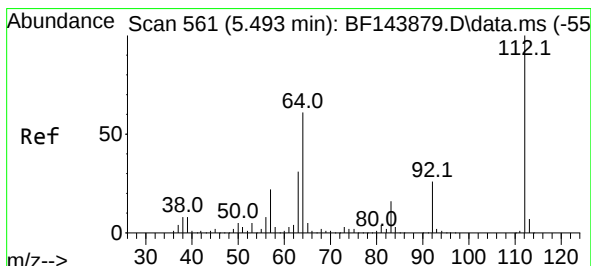
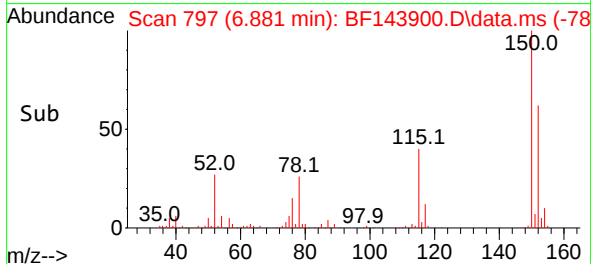
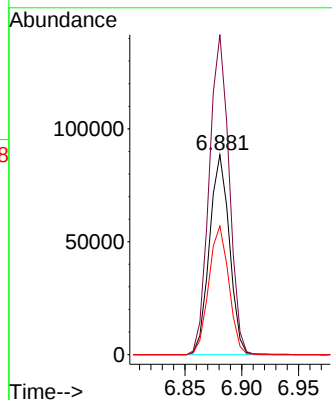
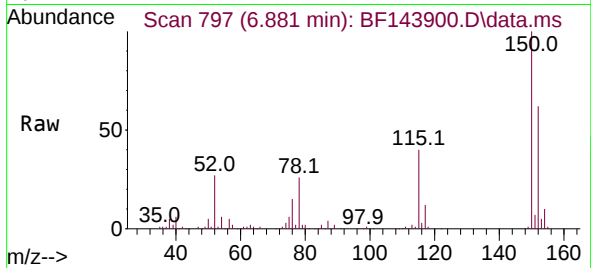




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

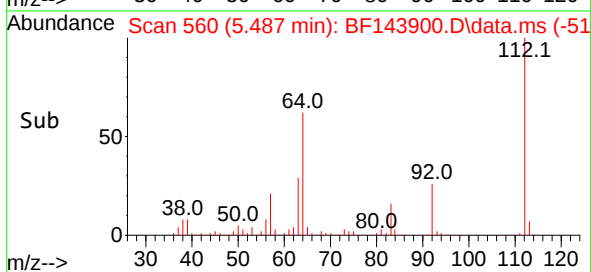
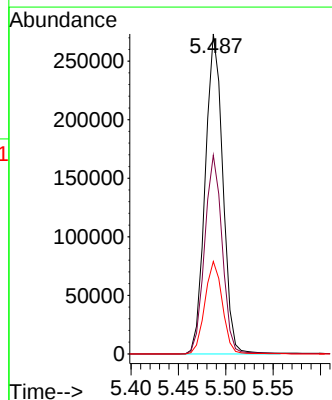
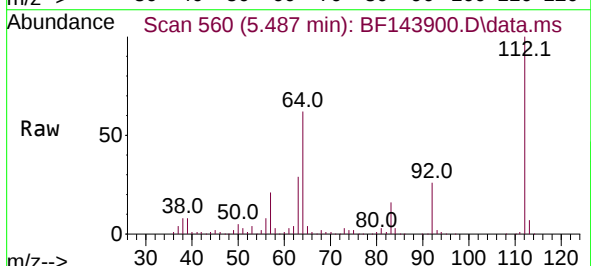
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

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

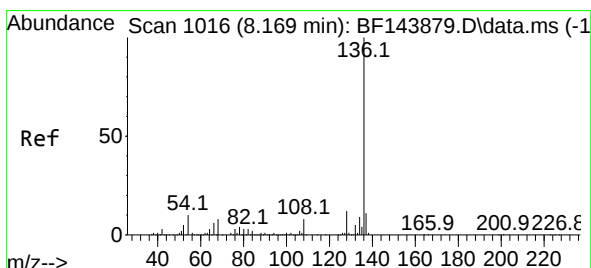
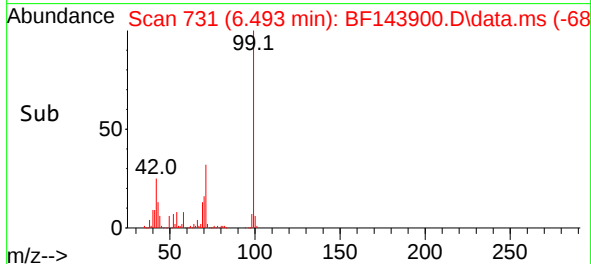
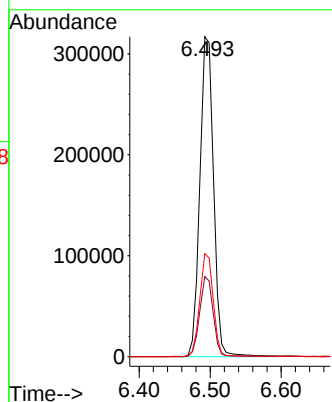
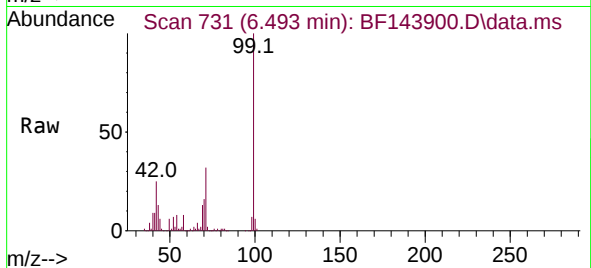




#7
Phenol-d6
Concen: 52.138 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

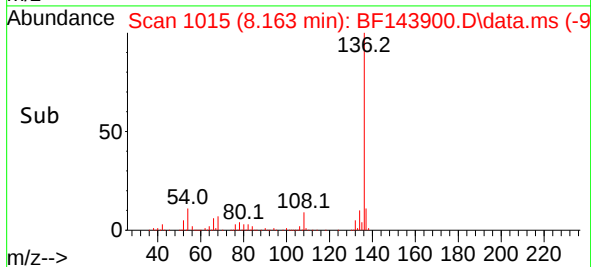
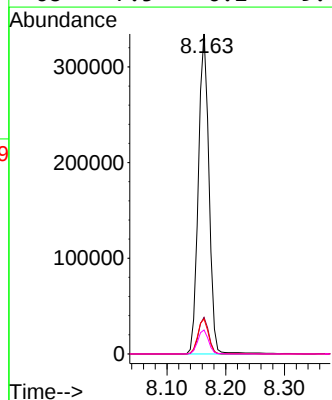
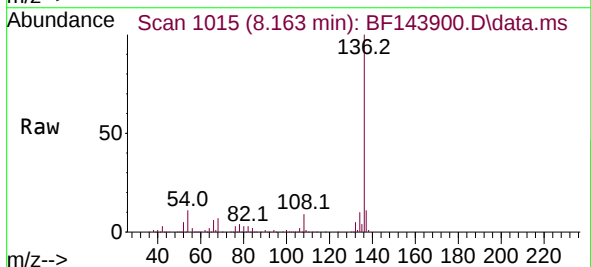
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

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# 893

Delta R.T. -0.017 min

Lab File: BF143900.D

Acq: 08 Oct 2025 17:37

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01

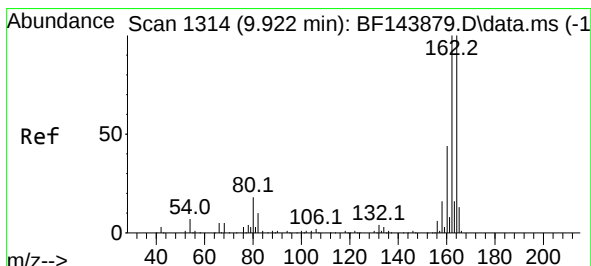
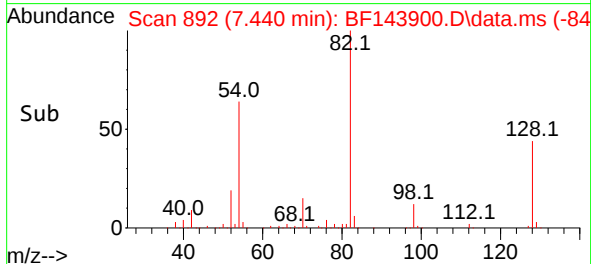
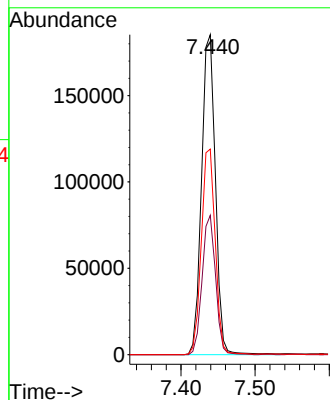
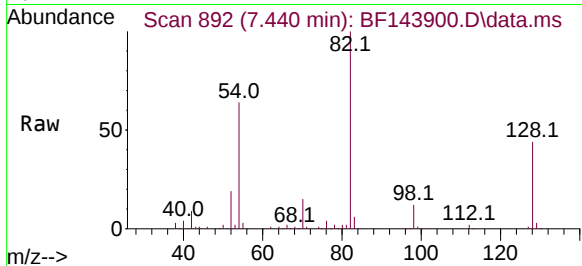
Tgt Ion: 82 Resp: 240520

Ion Ratio Lower Upper

82 100

128 43.5 34.0 51.0

54 64.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143900.D

Acq: 08 Oct 2025 17:37

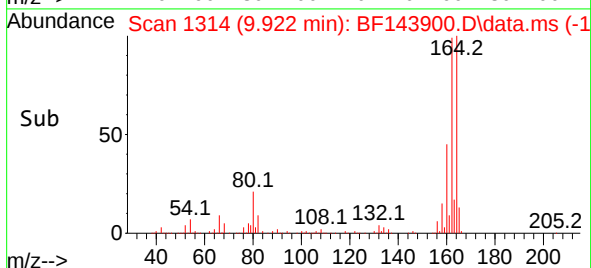
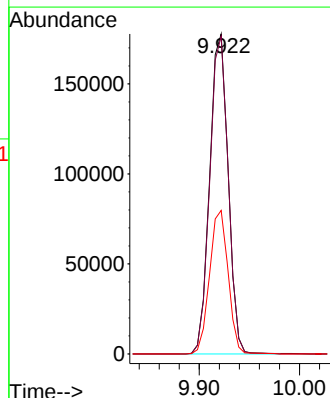
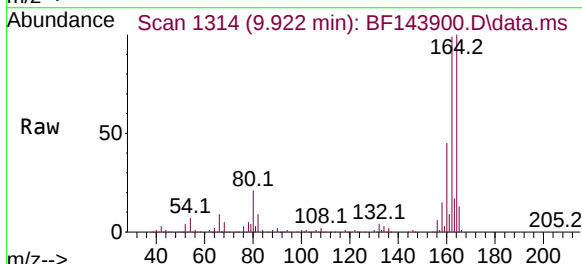
Tgt Ion: 164 Resp: 227302

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

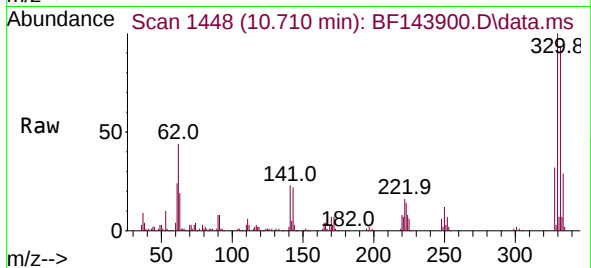
160 44.8 35.4 53.0



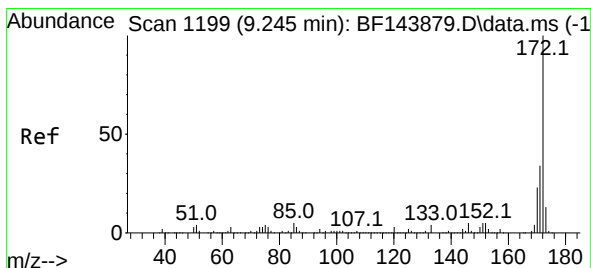
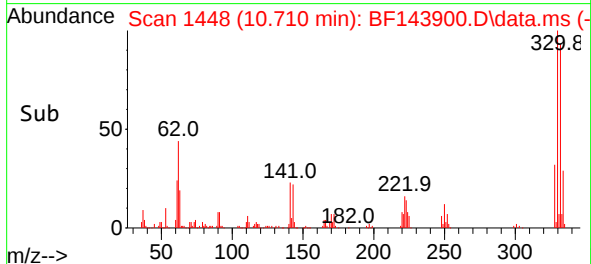
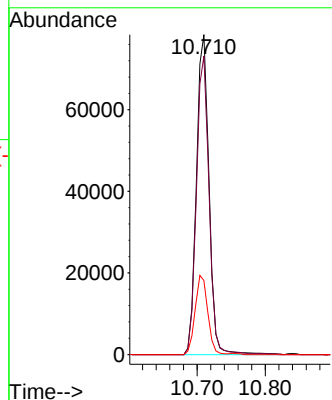


#42
2,4,6-Tribromophenol
Concen: 44.527 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

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

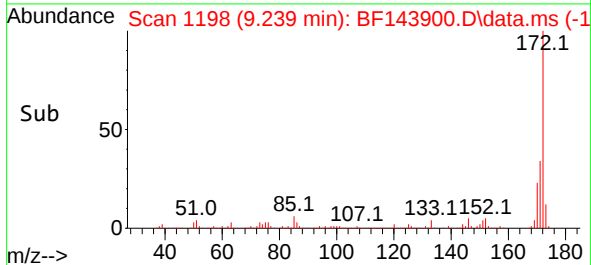
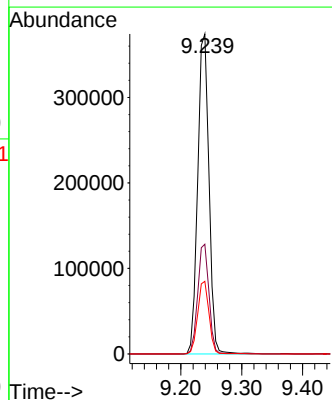
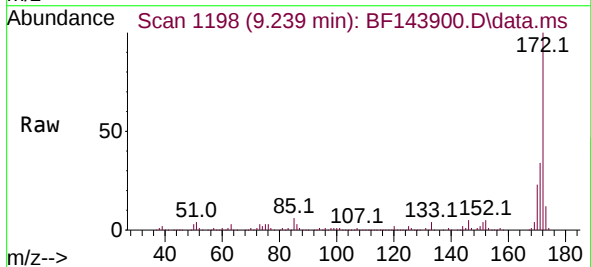


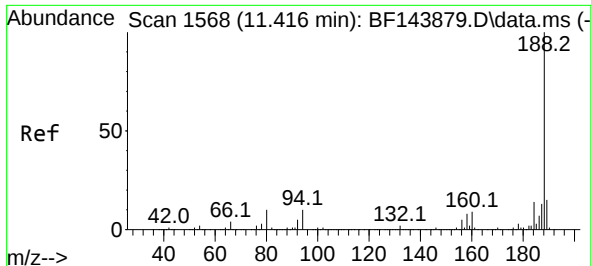
Tgt Ion:330 Resp: 100808
Ion Ratio Lower Upper
330 100
332 93.2 76.9 115.3
141 24.8 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 33.577 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

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

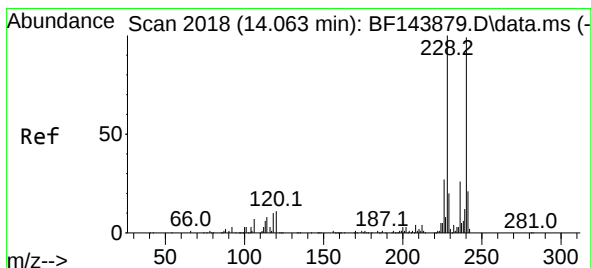
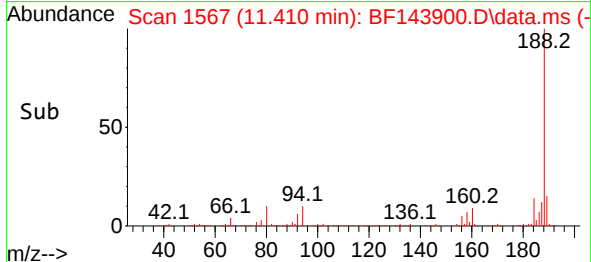
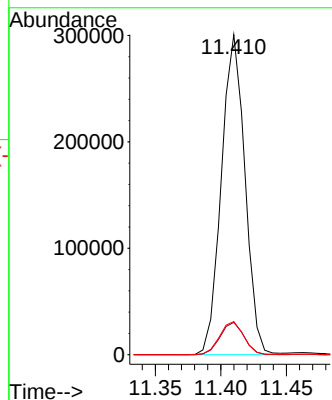
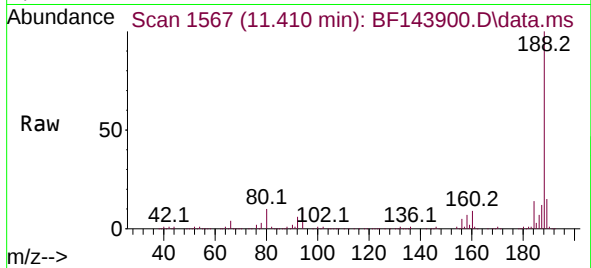




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143900.D
Acq: 08 Oct 2025 17:37

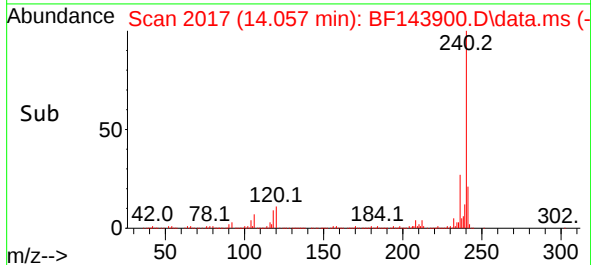
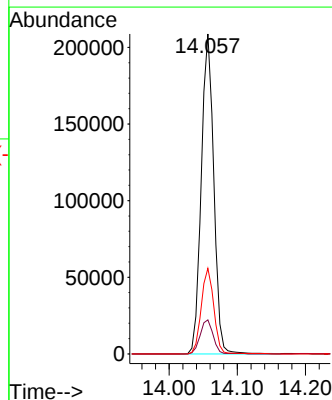
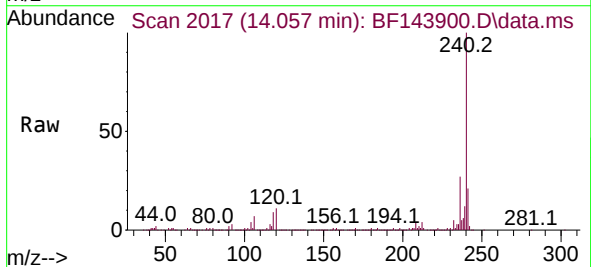
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

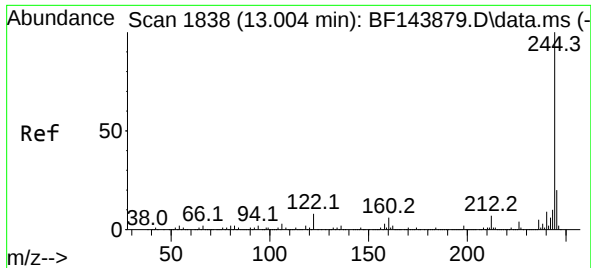
Tgt Ion:188 Resp: 376593
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.3 7.9 11.9



#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

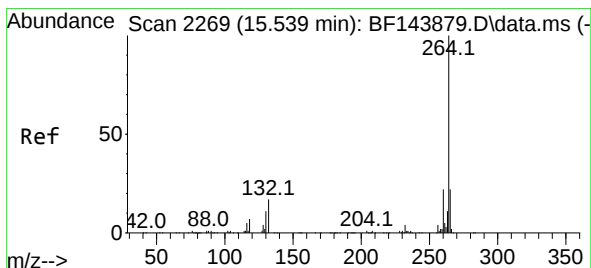
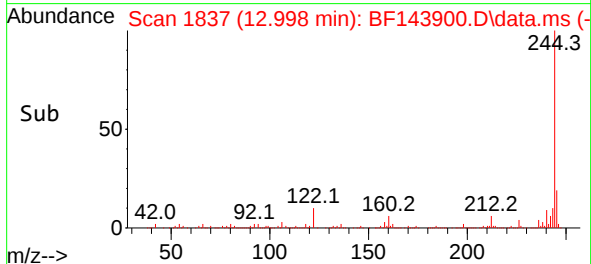
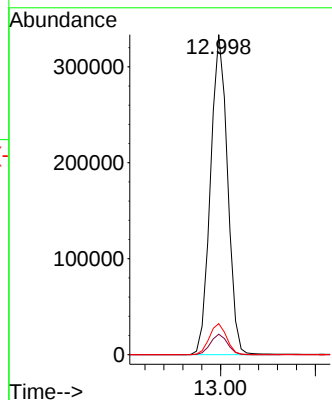
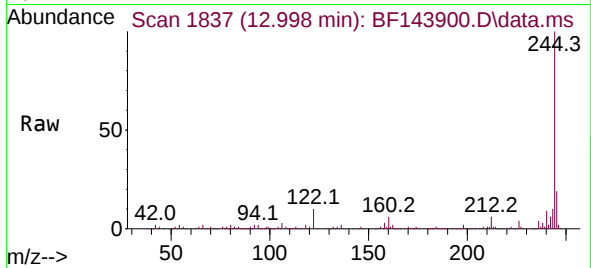




#79
 Terphenyl-d14
 Concen: 26.781 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF143900.D
 Acq: 08 Oct 2025 17:37

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

