

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142604.D
 Acq On : 04 Jun 2025 13:39
 Operator : RC/JU
 Sample : Q2159-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WC

Quant Time: Jun 04 14:01:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	115394	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	430360	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	209919	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	294940	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	199346	20.000	ng	-0.01
86) Perylene-d12	15.557	264	266369	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	601116	87.763	ng	0.00
7) Phenol-d6	6.522	99	742197	90.019	ng	-0.01
23) Nitrobenzene-d5	7.457	82	435258	55.149	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	177041	75.989	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	828321	52.949	ng	-0.02
79) Terphenyl-d14	13.004	244	566411	38.828	ng	-0.01

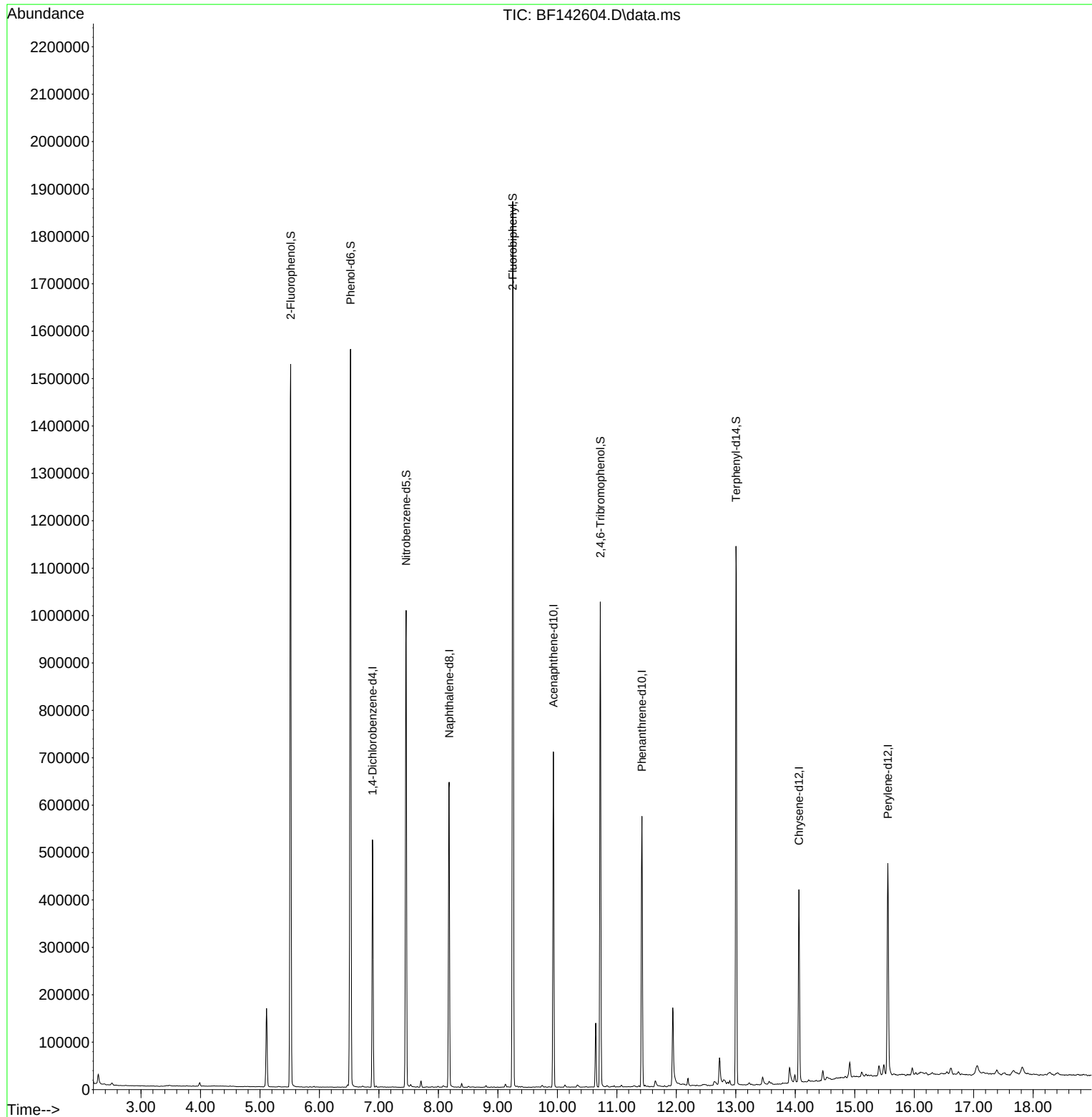
Target Compounds	Qvalue

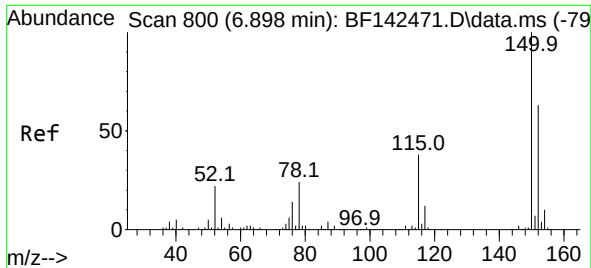
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142604.D
Acq On : 04 Jun 2025 13:39
Operator : RC/JU
Sample : Q2159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WC

Quant Time: Jun 04 14:01:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

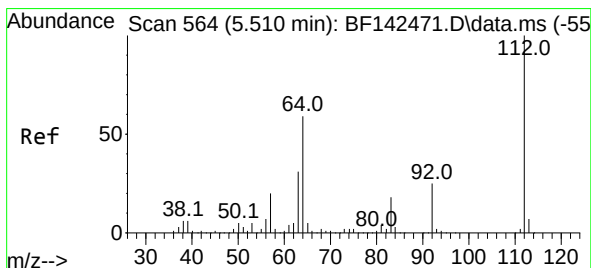
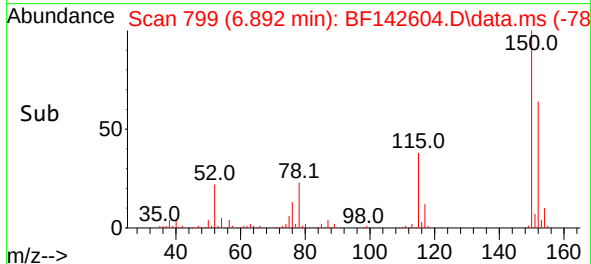
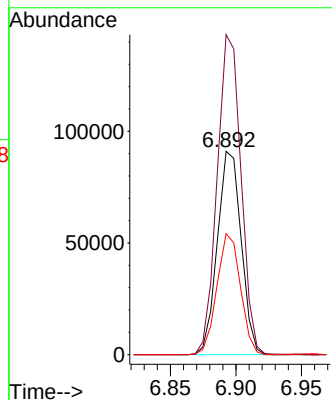
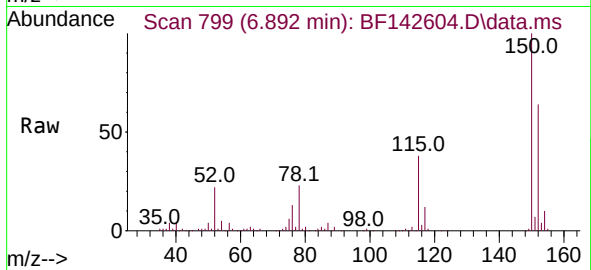




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142604.D
 Acq: 04 Jun 2025 13:39

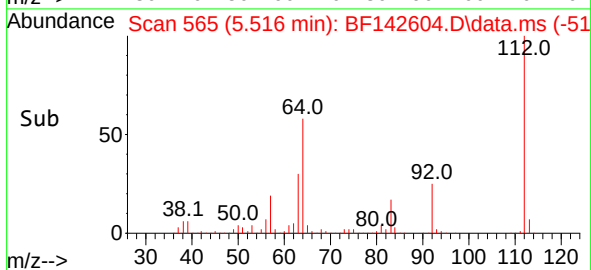
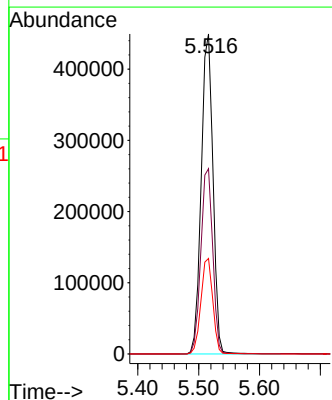
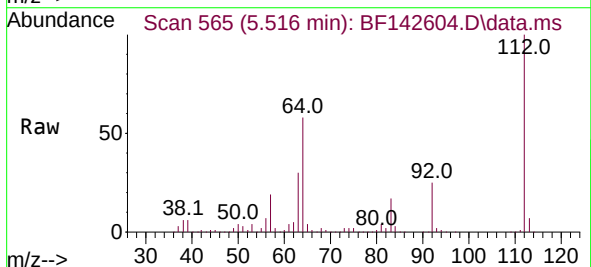
Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WC

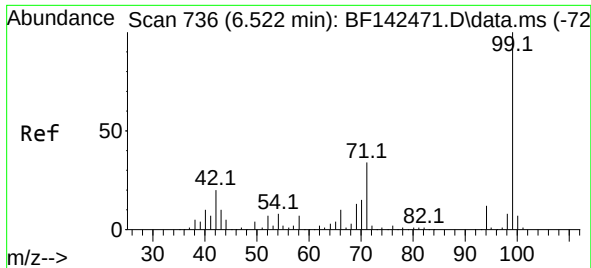
Tgt Ion:152 Resp: 115394
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.2 192.4
 115 59.4 48.3 72.5



#5
 2-Fluorophenol
 Concen: 87.763 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142604.D
 Acq: 04 Jun 2025 13:39

Tgt Ion:112 Resp: 601116
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.5 71.3
 63 29.8 24.9 37.3

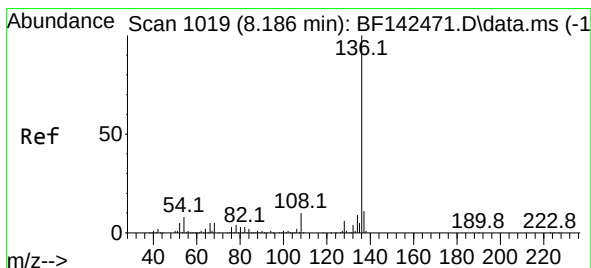
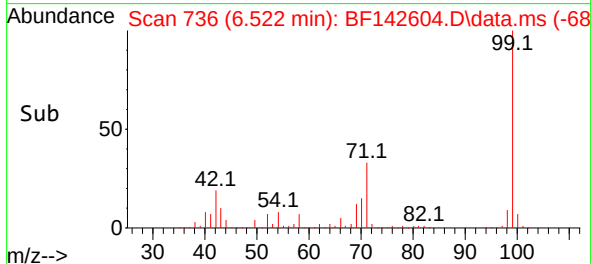
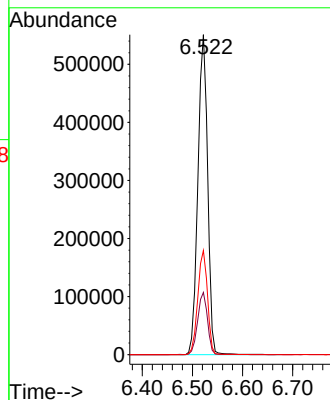
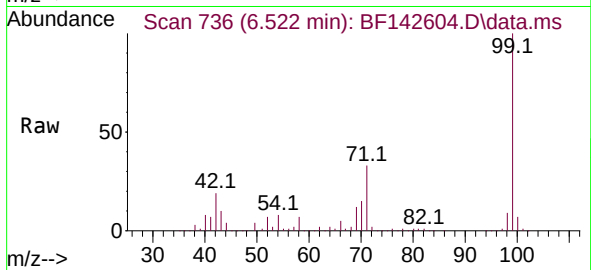




#7
Phenol-d6
Concen: 90.019 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142604.D
Acq: 04 Jun 2025 13:39

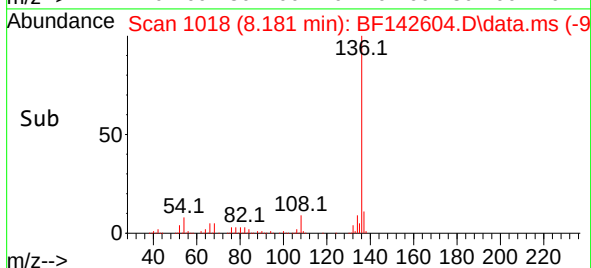
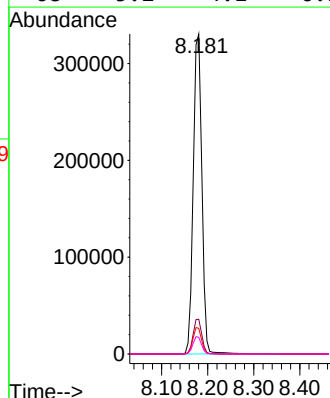
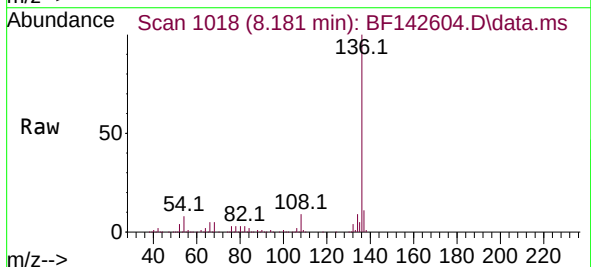
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WC

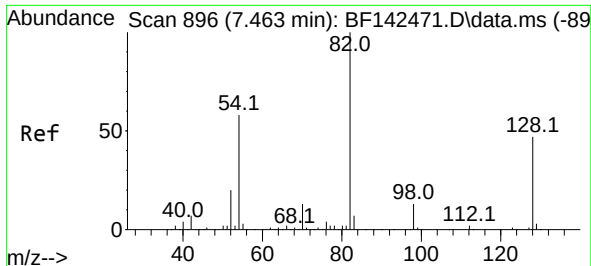
Tgt Ion: 99 Resp: 742197
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 32.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142604.D
Acq: 04 Jun 2025 13:39

Tgt Ion: 136 Resp: 430360
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.0 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 55.149 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142604.D

Acq: 04 Jun 2025 13:39

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WC

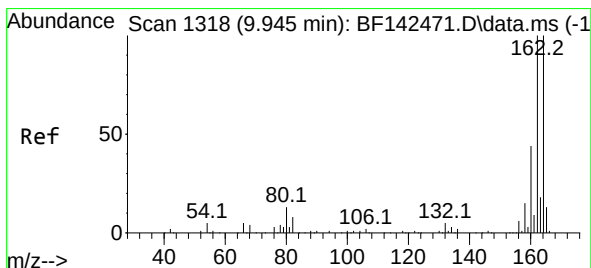
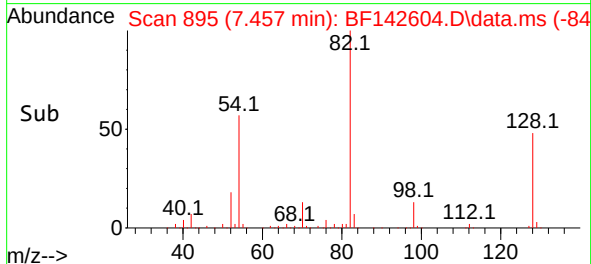
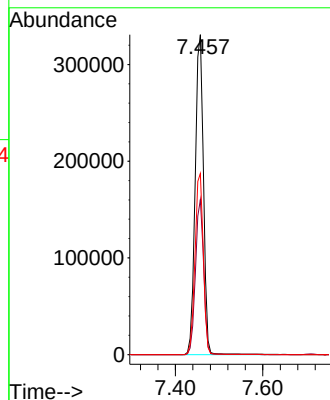
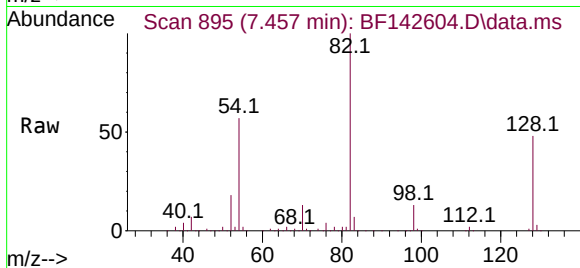
Tgt Ion: 82 Resp: 435258

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

54 56.6 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142604.D

Acq: 04 Jun 2025 13:39

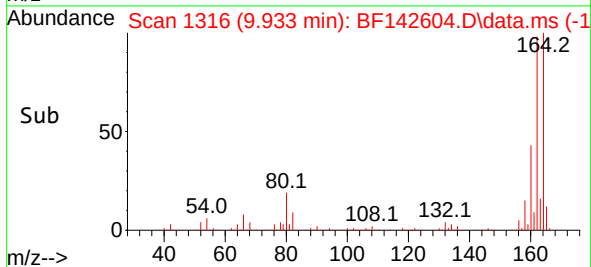
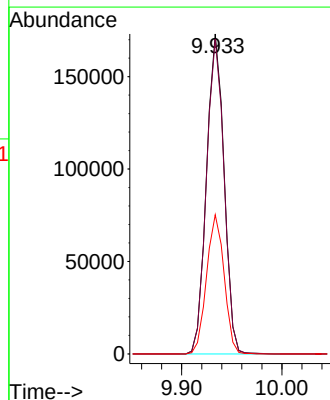
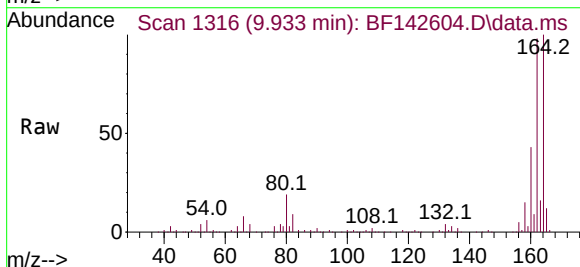
Tgt Ion:164 Resp: 209919

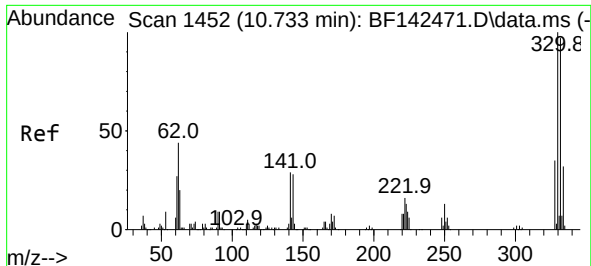
Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.4

160 43.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 75.989 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142604.D

Acq: 04 Jun 2025 13:39

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WC

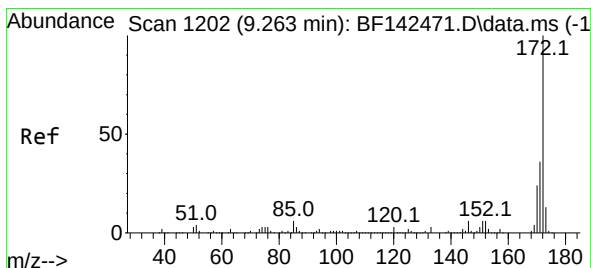
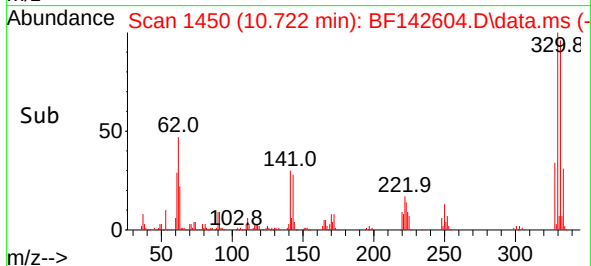
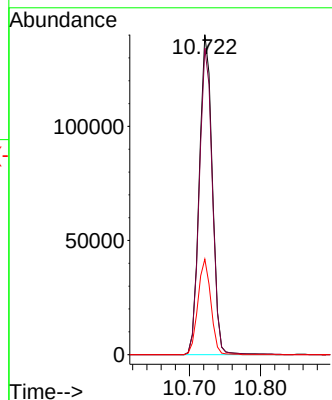
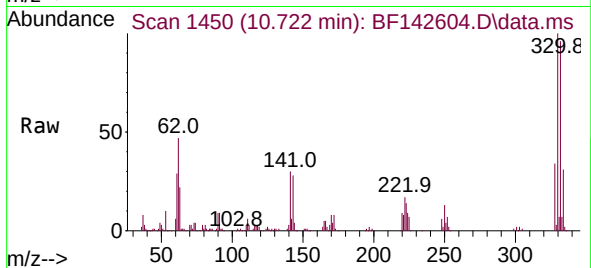
Tgt Ion:330 Resp: 177041

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 29.7 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 52.949 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142604.D

Acq: 04 Jun 2025 13:39

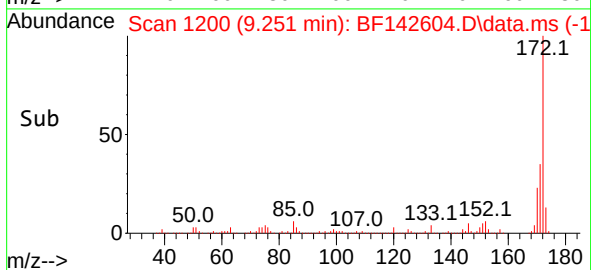
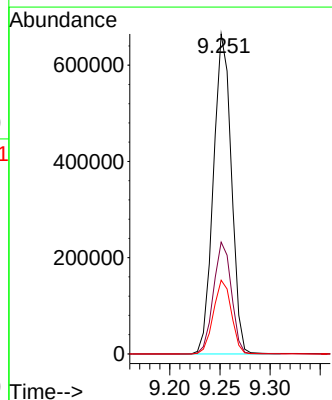
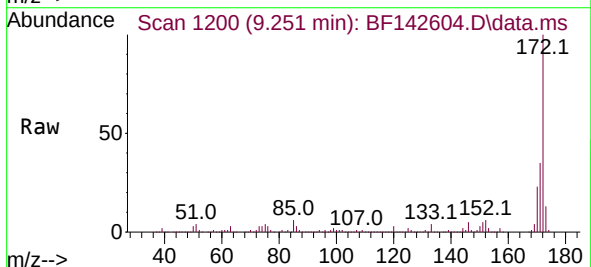
Tgt Ion:172 Resp: 828321

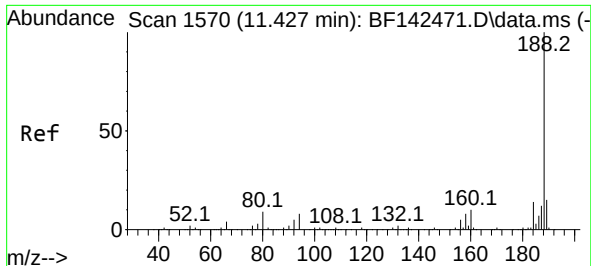
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.0 18.9 28.3

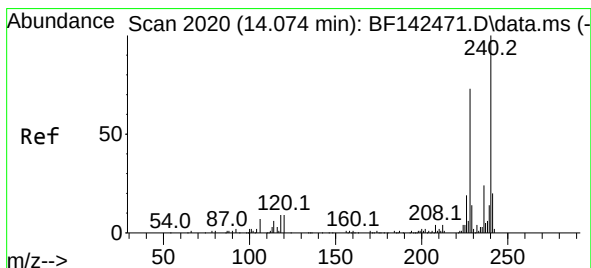
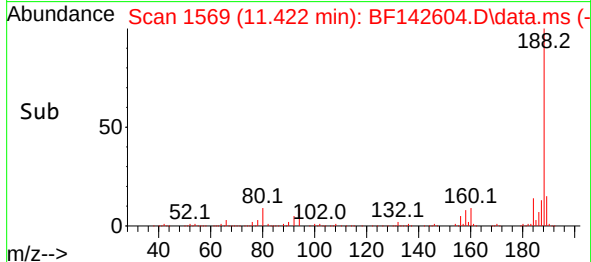
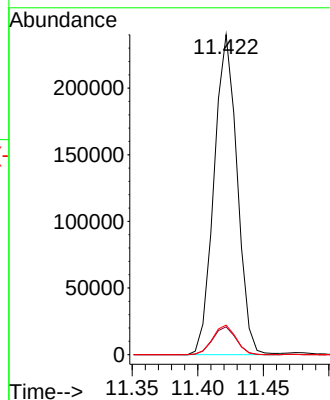
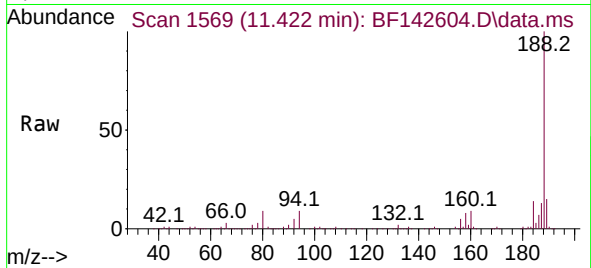




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142604.D
Acq: 04 Jun 2025 13:39

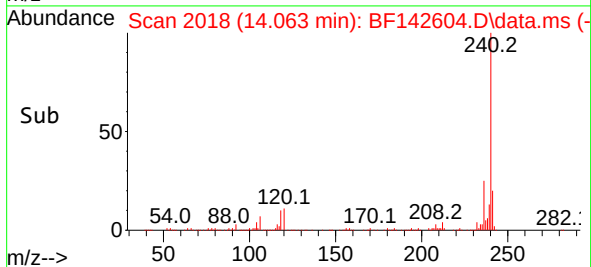
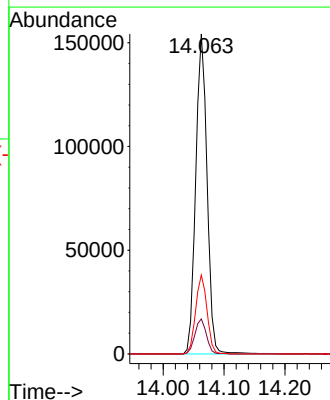
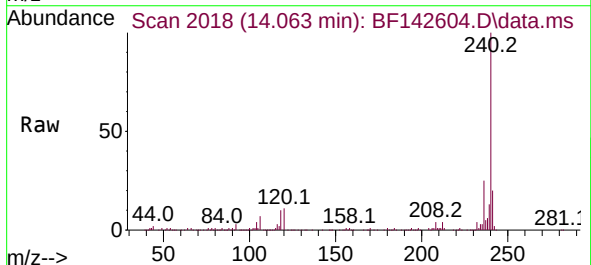
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WC

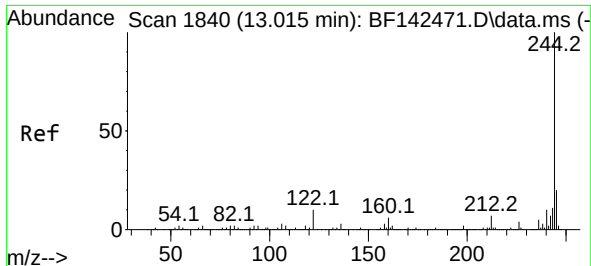
Tgt Ion:188 Resp: 294940
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142604.D
Acq: 04 Jun 2025 13:39

Tgt Ion:240 Resp: 199346
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 24.6 19.6 29.4

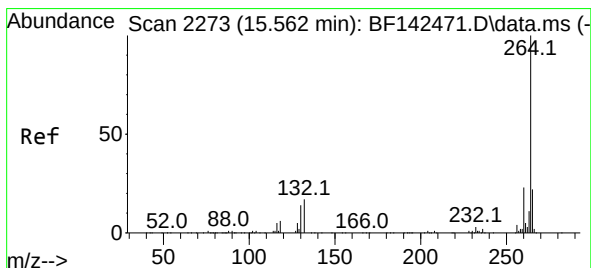
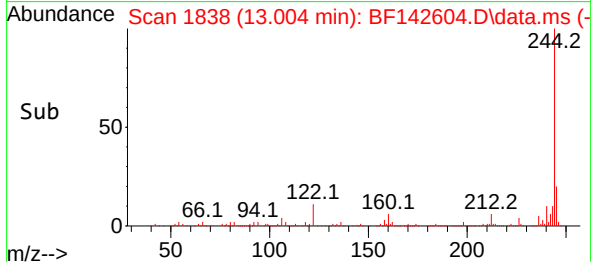
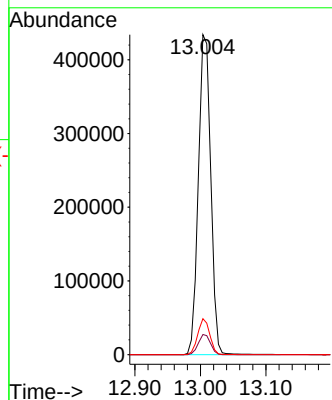
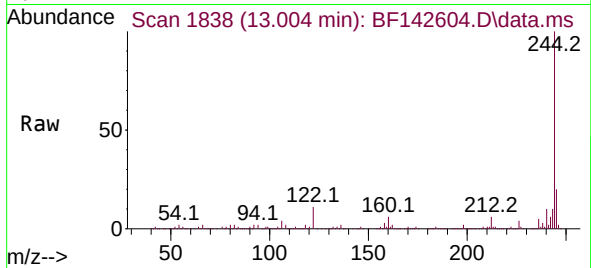




#79
 Terphenyl-d14
 Concen: 38.828 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142604.D
 Acq: 04 Jun 2025 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WC

Tgt Ion:244 Resp: 566411
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142604.D
 Acq: 04 Jun 2025 13:39

Tgt Ion:264 Resp: 266369
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.4 17.7 26.5

