

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142609.D
 Acq On : 04 Jun 2025 16:17
 Operator : RC/JU
 Sample : Q2160-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP04-MHG-WC

Quant Time: Jun 04 16:54:27 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	123193	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	452936	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	218817	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	291671	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	214987	20.000	ng	-0.01
86) Perylene-d12	15.557	264	281991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	606179	82.899	ng	0.00
7) Phenol-d6	6.522	99	734121	83.402	ng	-0.01
23) Nitrobenzene-d5	7.457	82	442706	53.297	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	159652	65.738	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	883715	54.192	ng	-0.02
79) Terphenyl-d14	13.004	244	502295	31.928	ng	-0.01

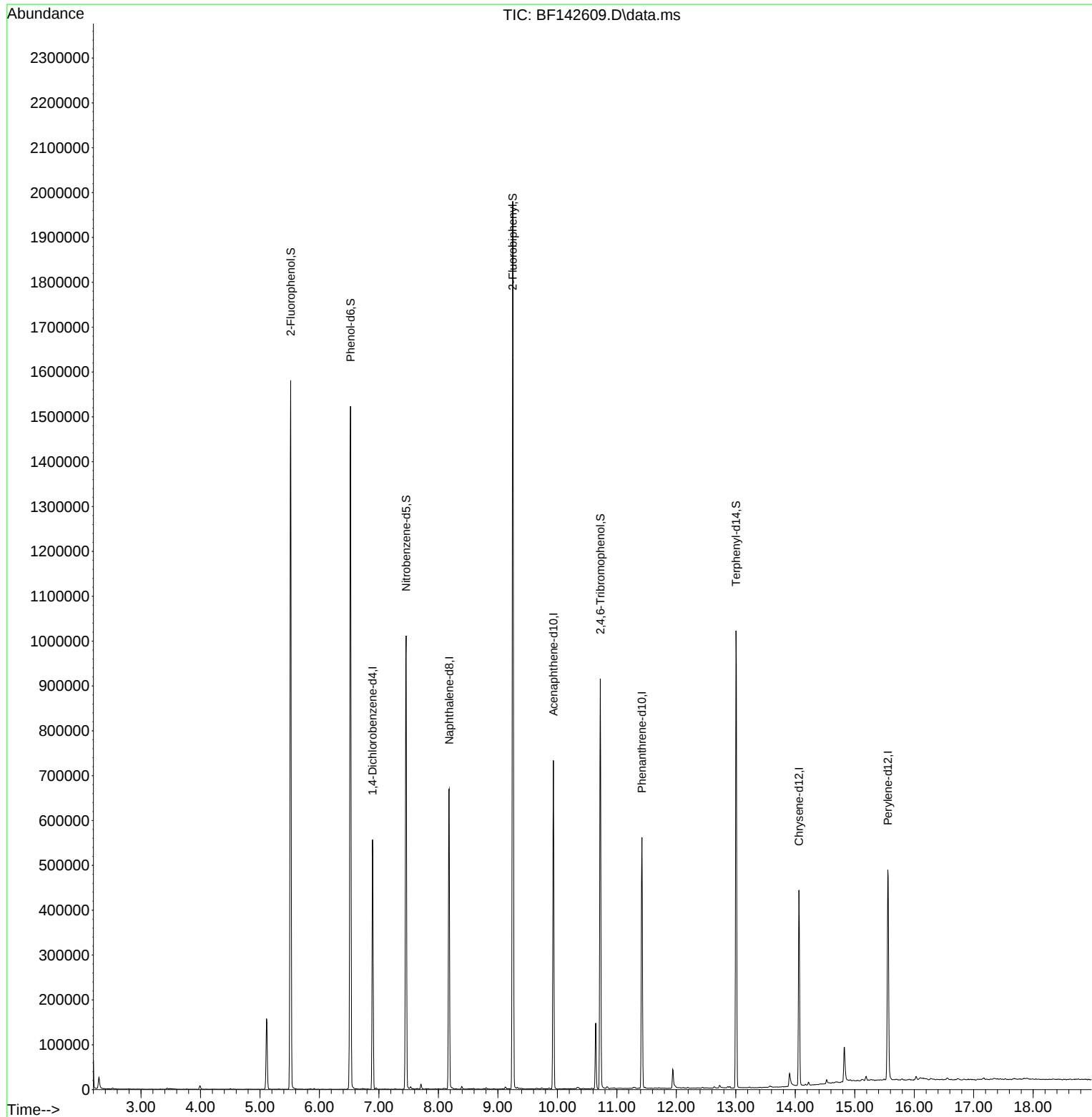
Target Compounds	Qvalue

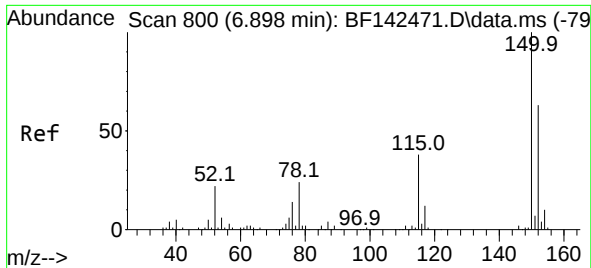
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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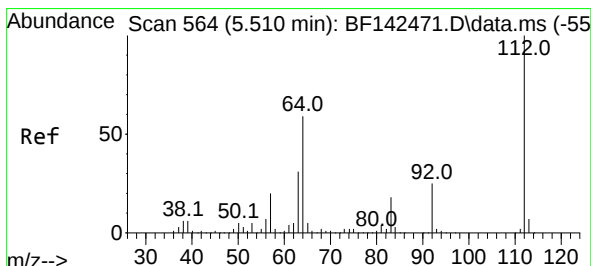
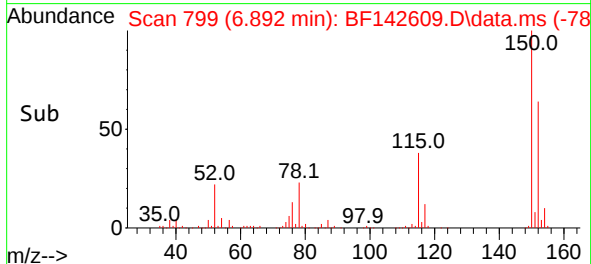
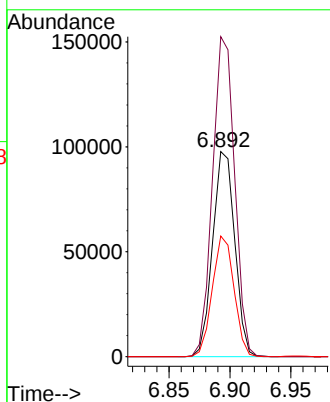
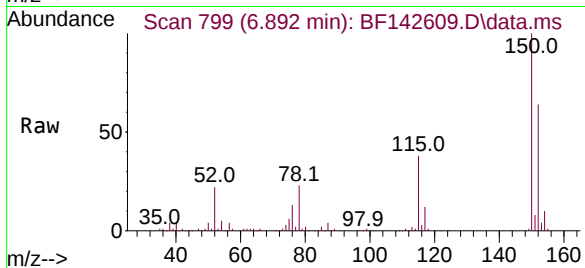




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142609.D
 Acq: 04 Jun 2025 16:17

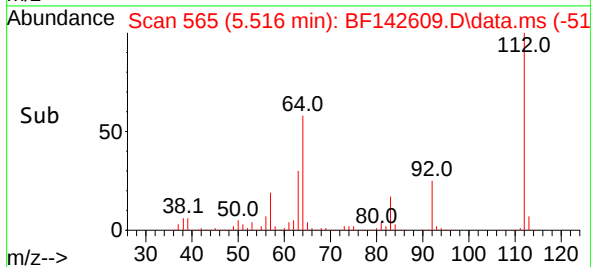
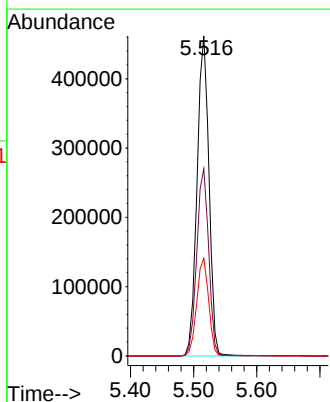
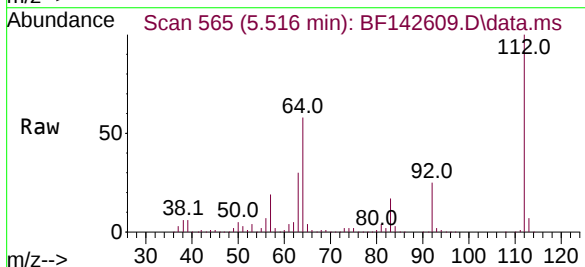
Instrument :
 BNA_F
 ClientSampleId :
 TP04-MHG-WC

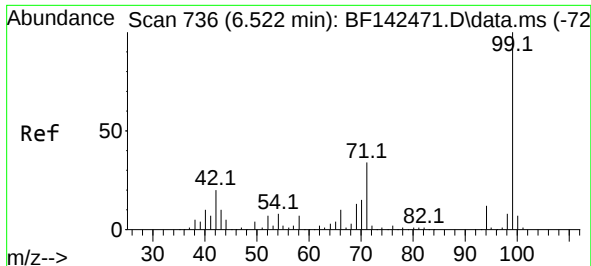
Tgt Ion:152 Resp: 123193
 Ion Ratio Lower Upper
 152 100
 150 156.0 128.2 192.4
 115 58.8 48.3 72.5



#5
 2-Fluorophenol
 Concen: 82.899 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142609.D
 Acq: 04 Jun 2025 16:17

Tgt Ion:112 Resp: 606179
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.5 71.3
 63 30.5 24.9 37.3

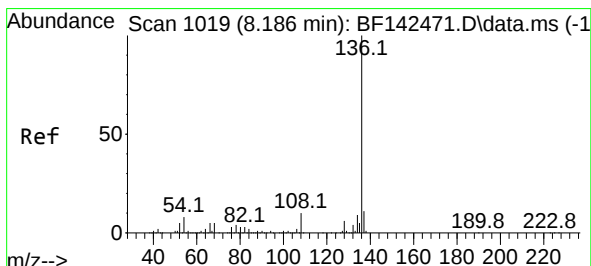
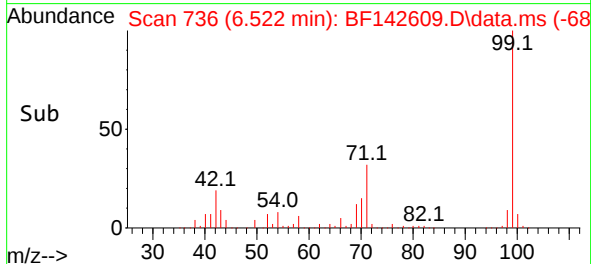
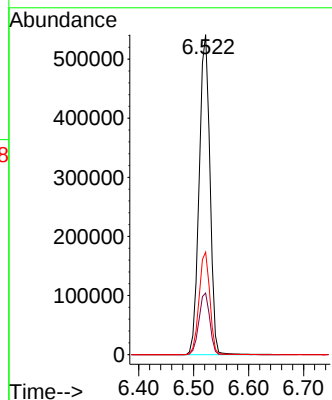
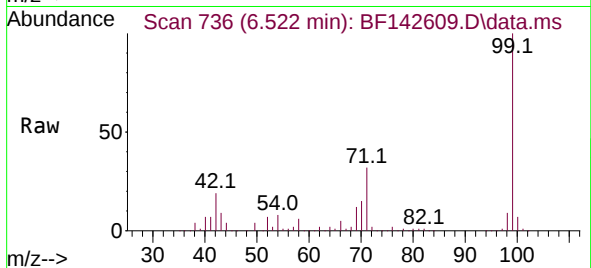




#7
Phenol-d6
Concen: 83.402 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142609.D
Acq: 04 Jun 2025 16:17

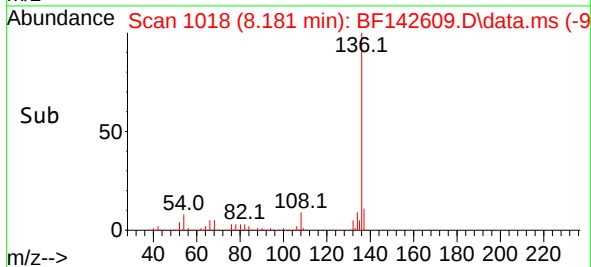
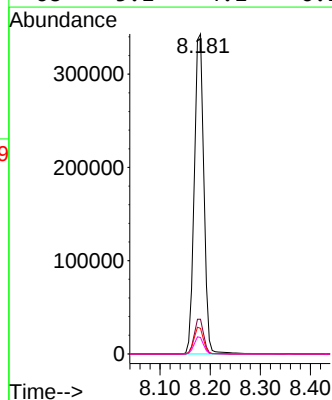
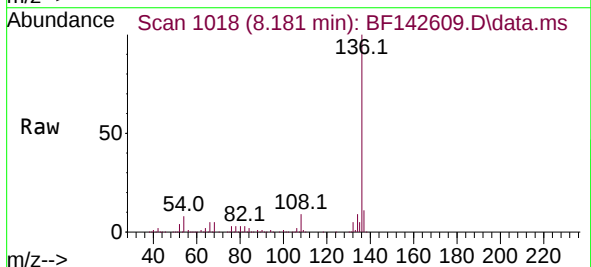
Instrument :
BNA_F
ClientSampleId :
TP04-MHG-WC

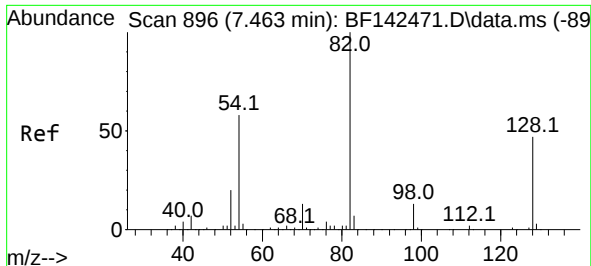
Tgt Ion: 99 Resp: 734121
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 32.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142609.D
Acq: 04 Jun 2025 16:17

Tgt Ion: 136 Resp: 452936
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.0 6.6 10.0
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 53.297 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142609.D

Acq: 04 Jun 2025 16:17

Instrument :

BNA_F

ClientSampleId :

TP04-MHG-WC

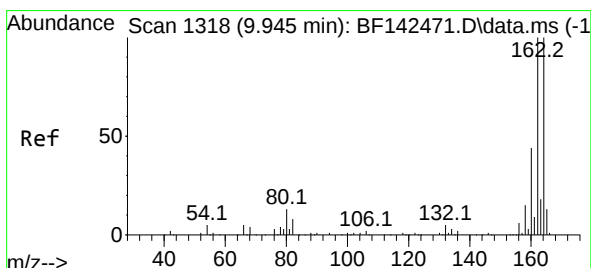
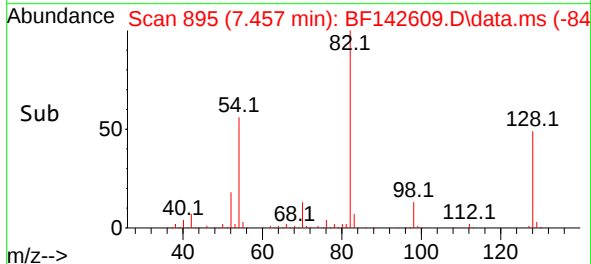
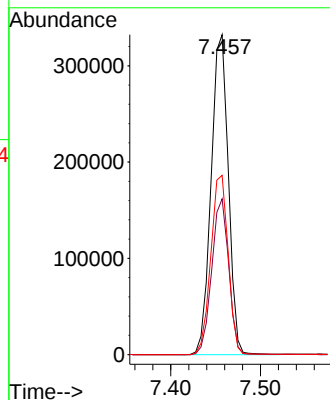
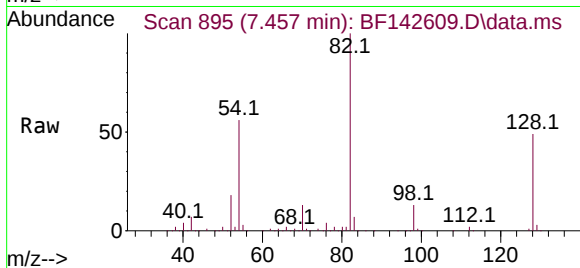
Tgt Ion: 82 Resp: 442706

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 56.0 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: BF142609.D

Acq: 04 Jun 2025 16:17

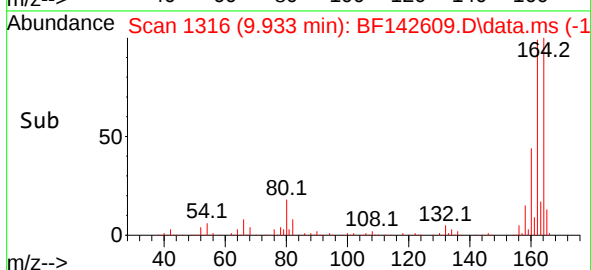
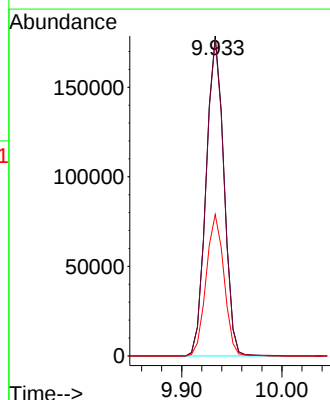
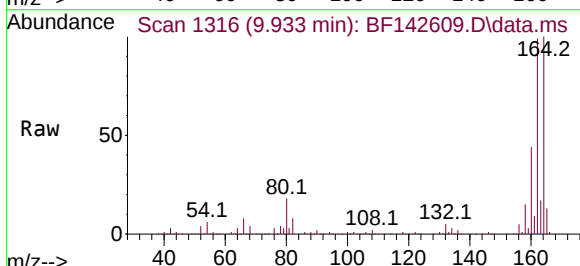
Tgt Ion:164 Resp: 218817

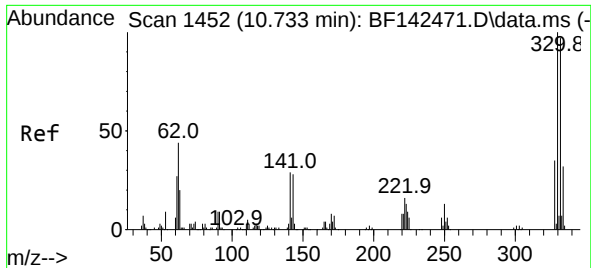
Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

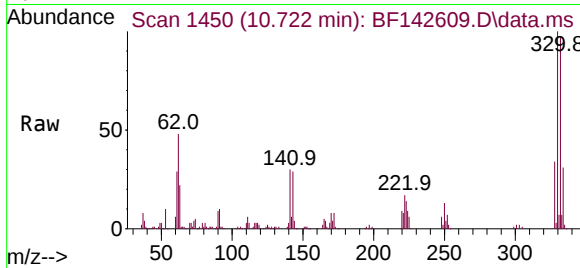
160 44.2 35.6 53.4



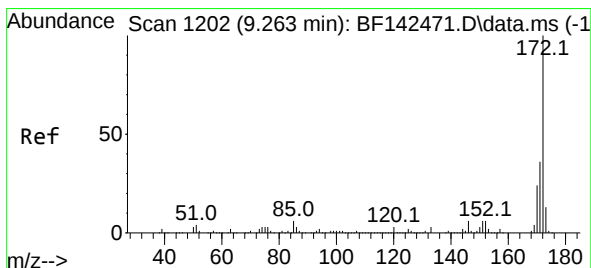
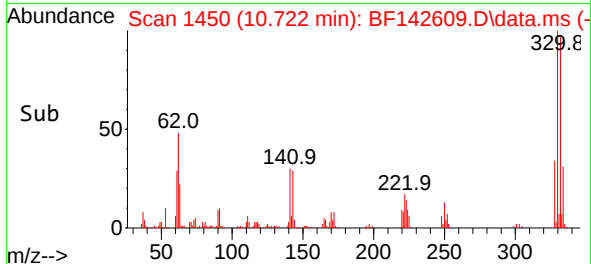
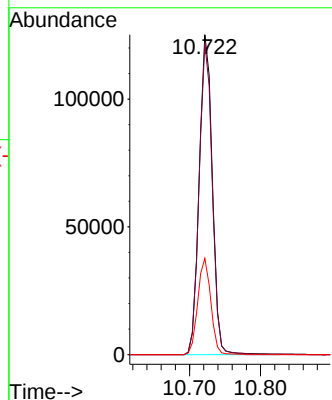


#42
 2,4,6-Tribromophenol
 Concen: 65.738 ng
 RT: 10.722 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: BF142609.D
 Acq: 04 Jun 2025 16:17

Instrument :
 BNA_F
 ClientSampleId :
 TP04-MHG-WC

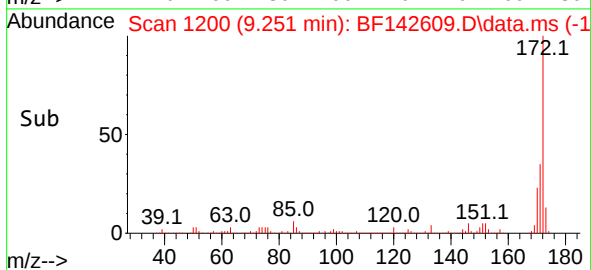
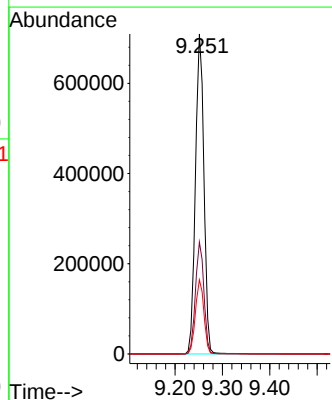
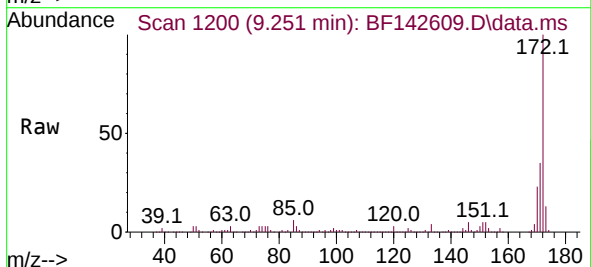


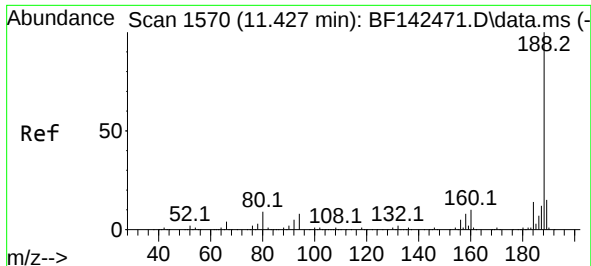
Tgt Ion:330 Resp: 159652
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.6 116.4
 141 29.8 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 54.192 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142609.D
 Acq: 04 Jun 2025 16:17

Tgt Ion:172 Resp: 883715
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.2 18.9 28.3

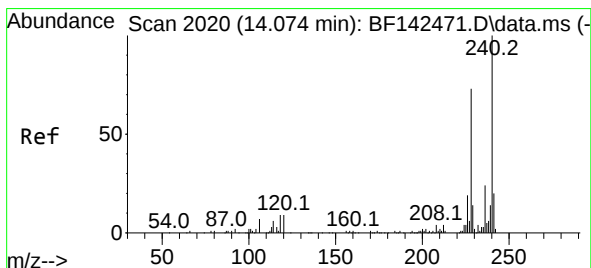
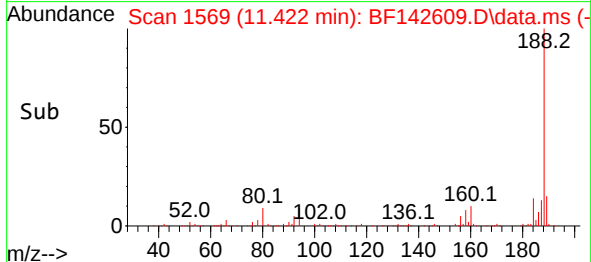
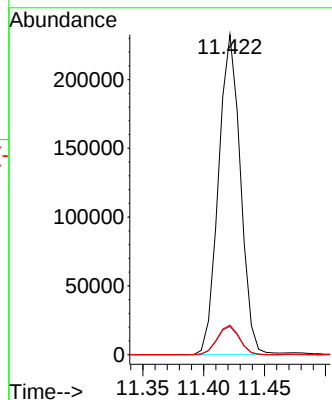
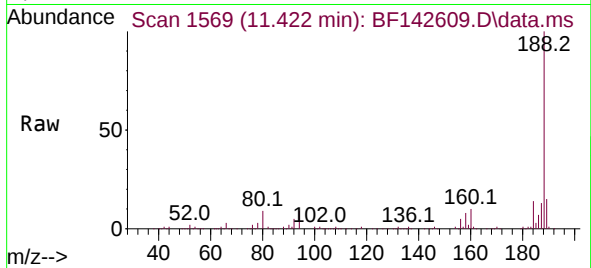




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142609.D
Acq: 04 Jun 2025 16:17

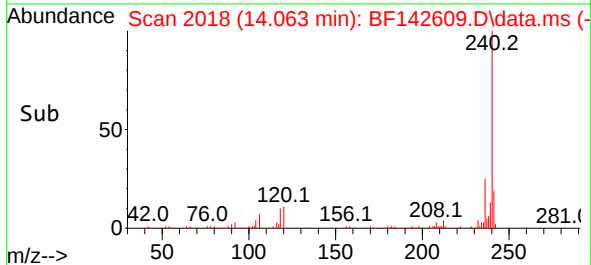
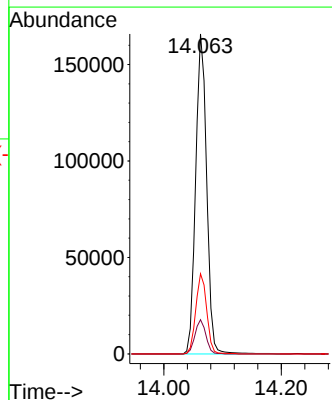
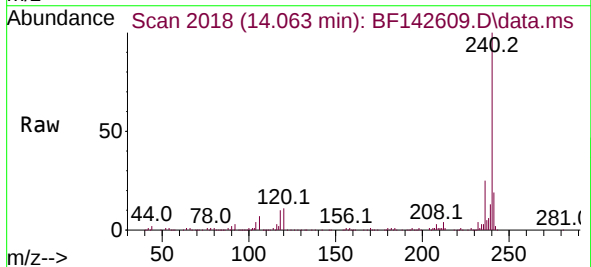
Instrument :
BNA_F
ClientSampleId :
TP04-MHG-WC

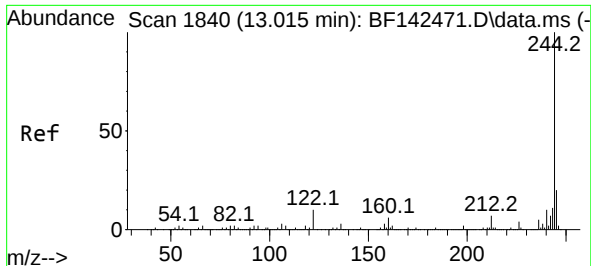
Tgt Ion:188 Resp: 291671
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142609.D
Acq: 04 Jun 2025 16:17

Tgt Ion:240 Resp: 214987
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.0 19.6 29.4





#79

Terphenyl-d14

Concen: 31.928 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF142609.D

Acq: 04 Jun 2025 16:17

Instrument :

BNA_F

ClientSampleId :

TP04-MHG-WC

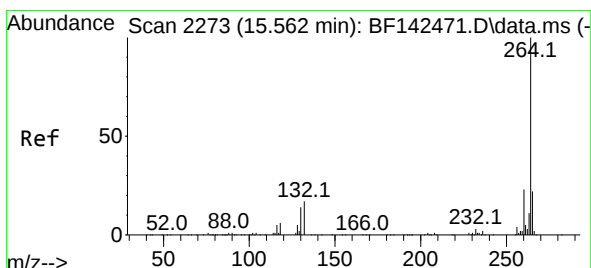
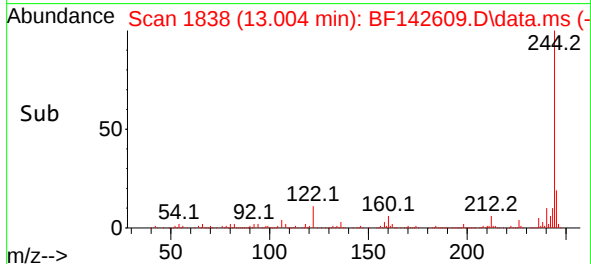
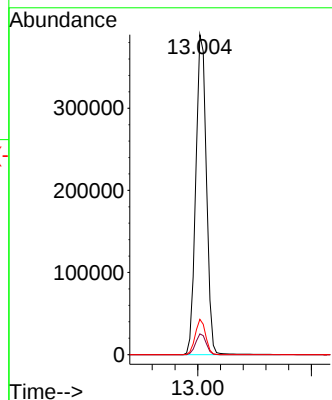
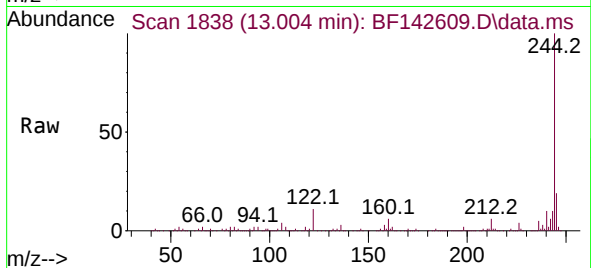
Tgt Ion:244 Resp: 502295

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 11.0 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: BF142609.D

Acq: 04 Jun 2025 16:17

Tgt Ion:264 Resp: 281991

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.4 17.7 26.5

