

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142611.D
 Acq On : 04 Jun 2025 17:17
 Operator : RC/JU
 Sample : Q2160-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP04-MHG-WC

Quant Time: Jun 04 17:45:22 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	6.898	152	124020	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460895	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	232406	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	330716	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	227312	20.000	ng	-0.01
86) Perylene-d12	15.557	264	277244	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	834703	113.391	ng	0.01
7) Phenol-d6	6.522	99	925891	104.488	ng	-0.01
23) Nitrobenzene-d5	7.457	82	665811	78.773	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	296405	114.912	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1314011	75.868	ng	-0.02
79) Terphenyl-d14	13.010	244	989791	59.504	ng	0.00

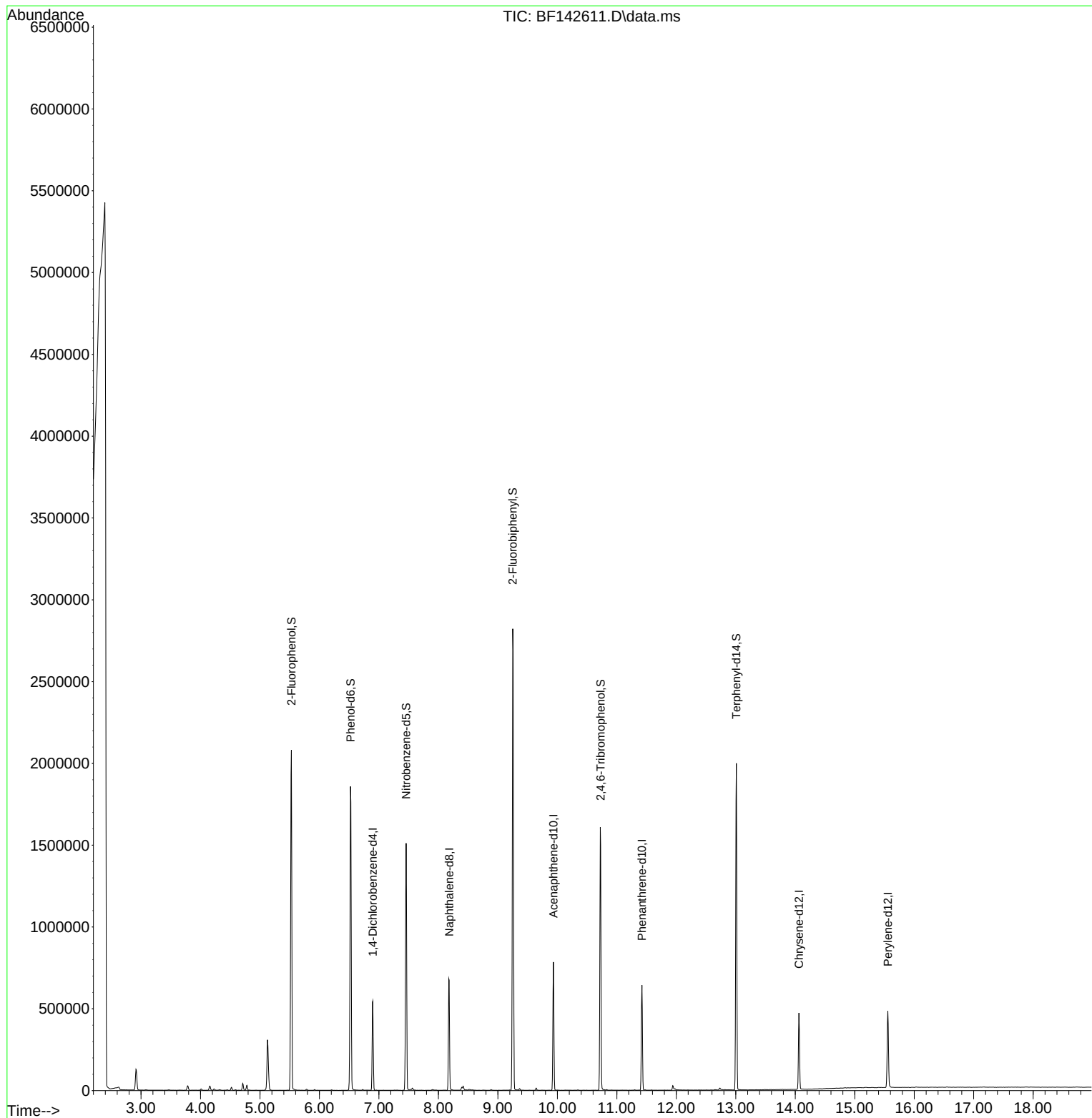
Target Compounds Qvalue

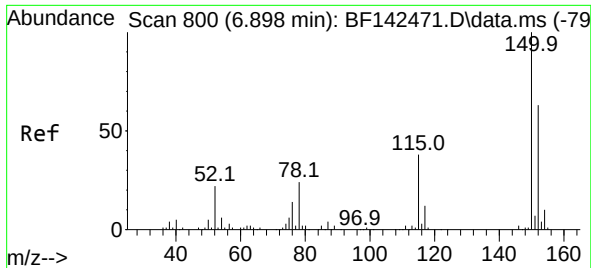
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 20 16:26:47 2025
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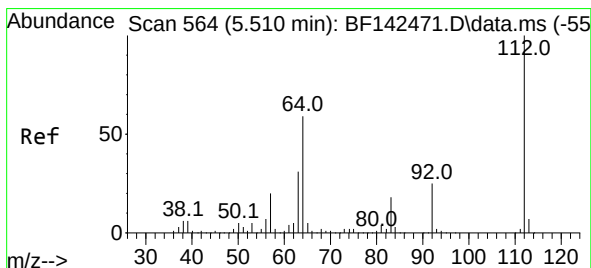
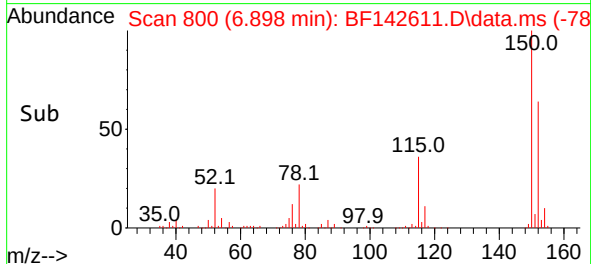
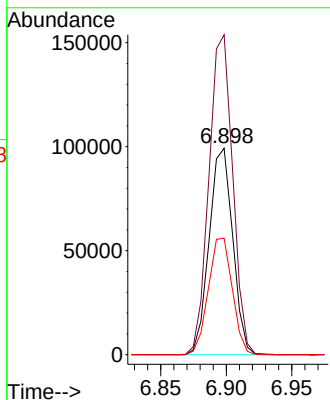
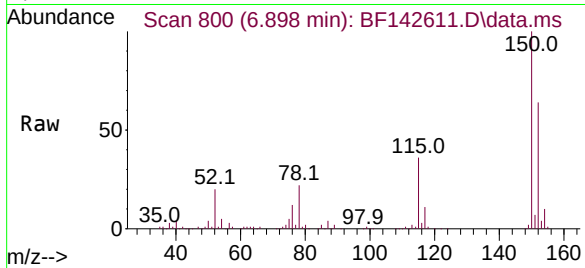




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

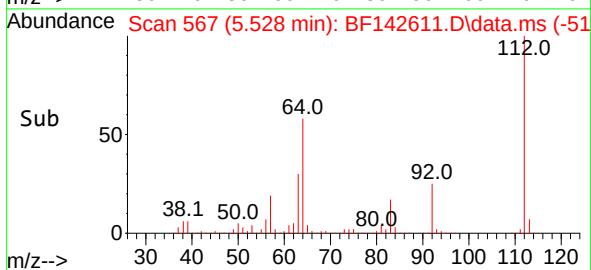
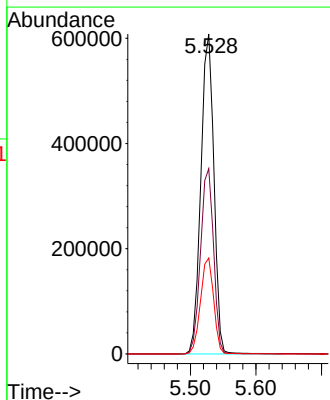
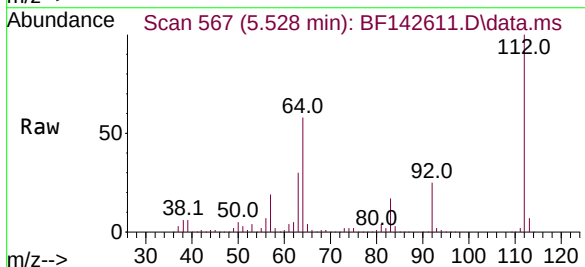
Instrument :
BNA_F
ClientSampleId :
TP04-MHG-WC

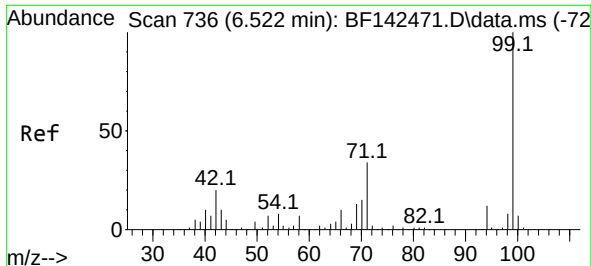
Tgt Ion:152 Resp: 124020
Ion Ratio Lower Upper
152 100
150 155.1 128.2 192.4
115 56.4 48.3 72.5



#5
2-Fluorophenol
Concen: 113.391 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Tgt Ion:112 Resp: 834703
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.0 24.9 37.3

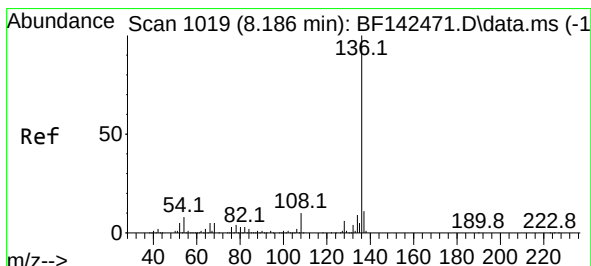
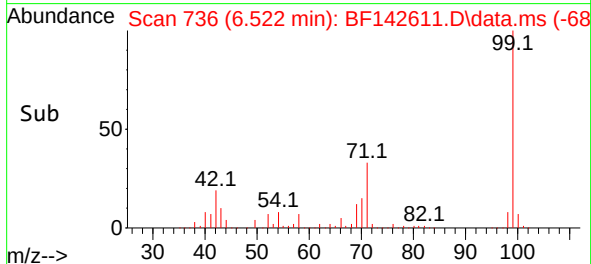
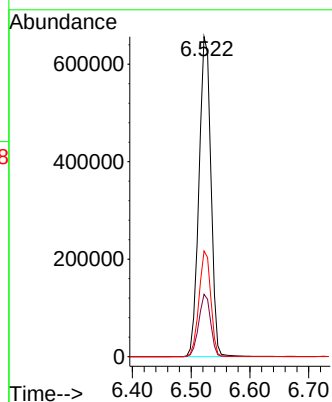
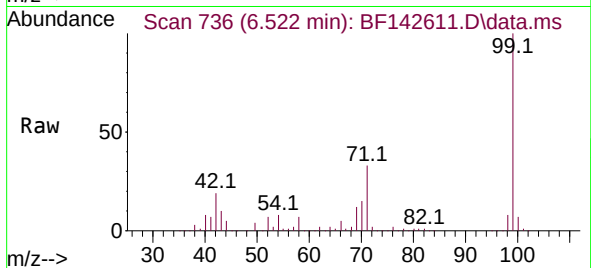




#7
Phenol-d6
Concen: 104.488 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

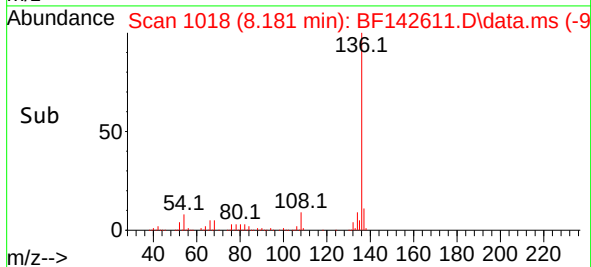
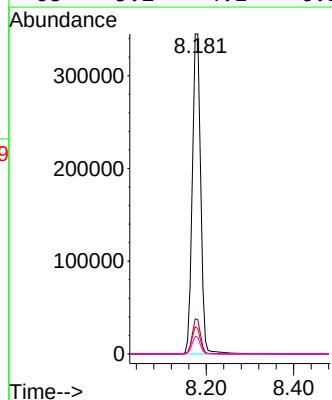
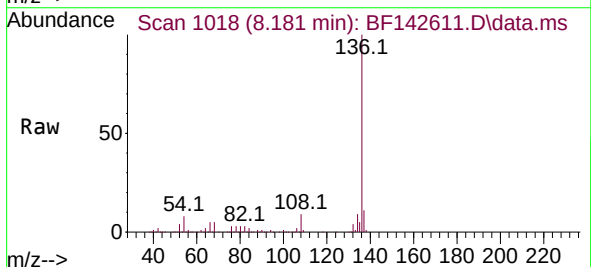
Instrument :
BNA_F
ClientSampleId :
TP04-MHG-WC

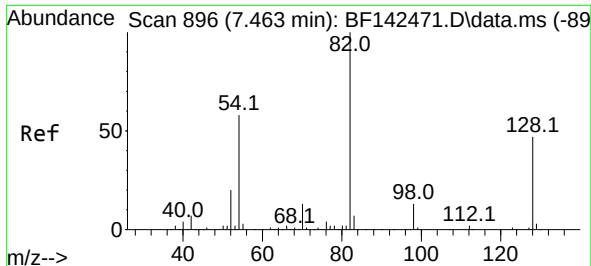
Tgt Ion: 99 Resp: 925891
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.2
71 33.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Tgt Ion:136 Resp: 460895
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 6.6 10.0
68 5.2 4.1 6.1

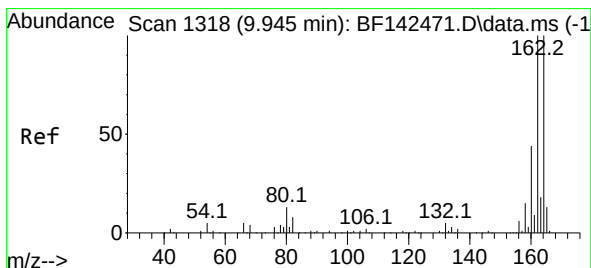
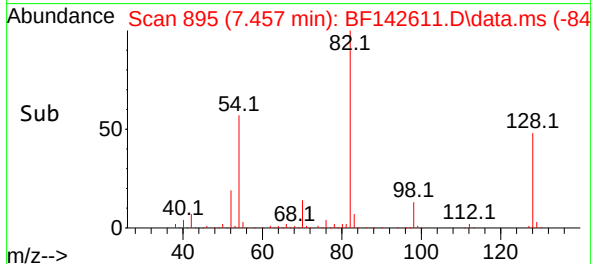
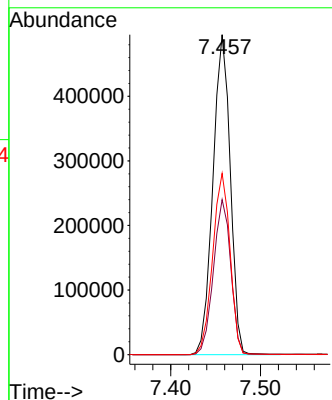
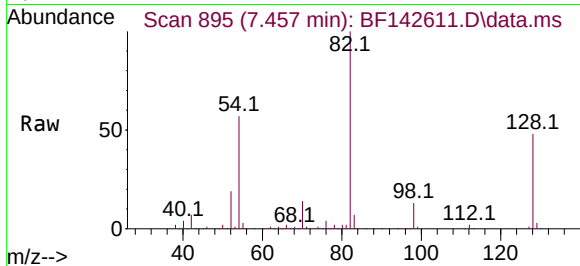




#23
Nitrobenzene-d5
Concen: 78.773 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

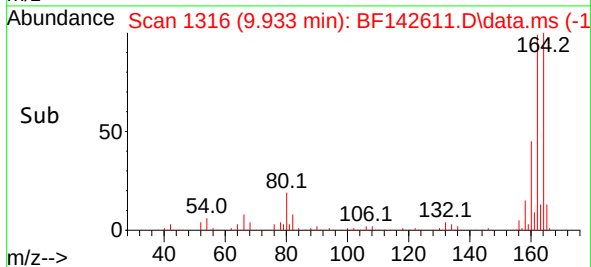
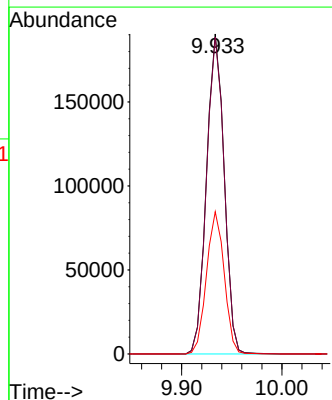
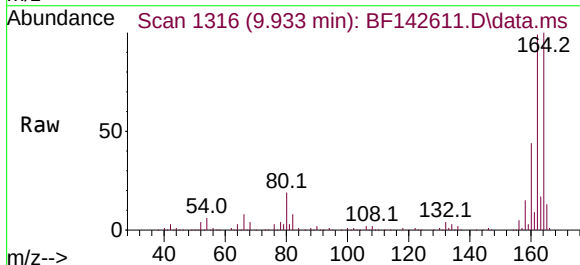
Instrument :
BNA_F
ClientSampleId :
TP04-MHG-WC

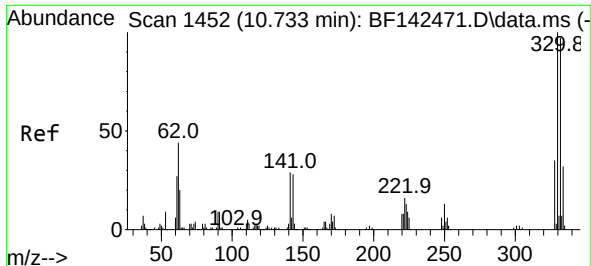
Tgt Ion: 82 Resp: 665811
Ion Ratio Lower Upper
82 100
128 48.5 37.4 56.2
54 56.7 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Tgt Ion:164 Resp: 232406
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.4
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.912 ng

RT: 10.727 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF142611.D

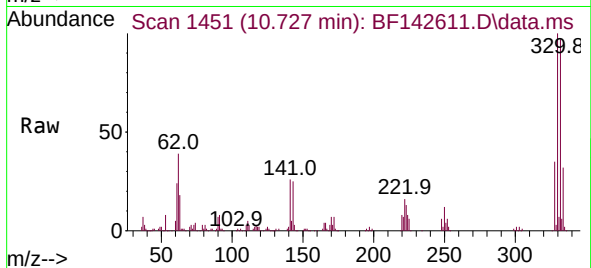
Acq: 04 Jun 2025 17:17

Instrument :

BNA_F

ClientSampleId :

TP04-MHG-WC



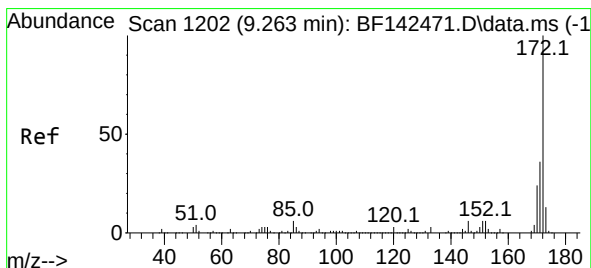
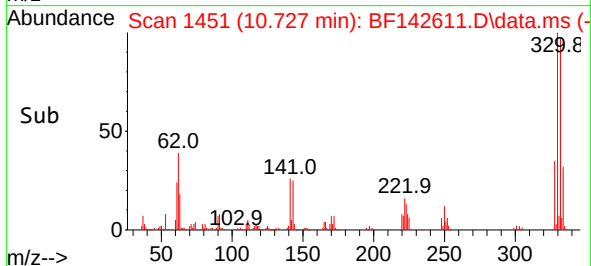
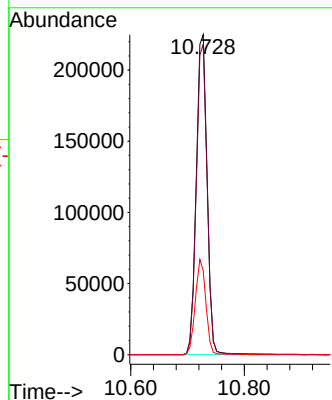
Tgt Ion:330 Resp: 296405

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 29.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 75.868 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

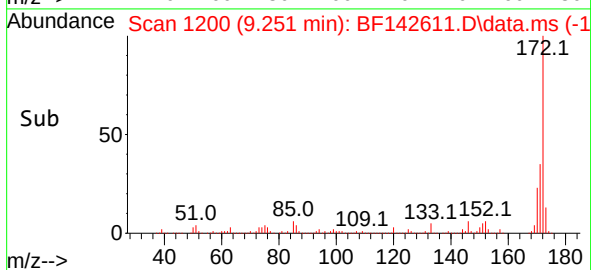
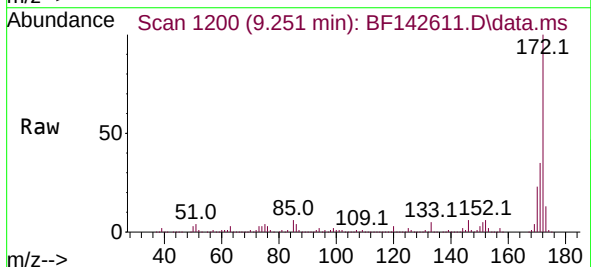
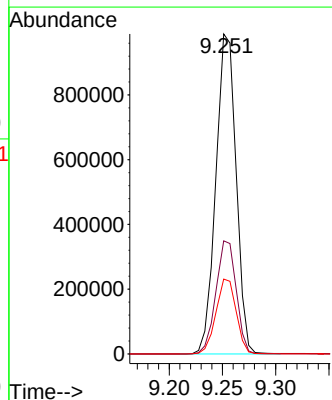
Tgt Ion:172 Resp: 1314011

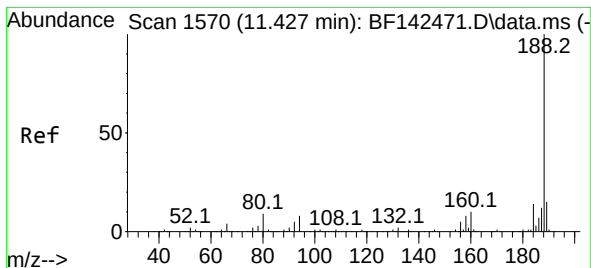
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

Instrument :

BNA_F

ClientSampleId :

TP04-MHG-WC

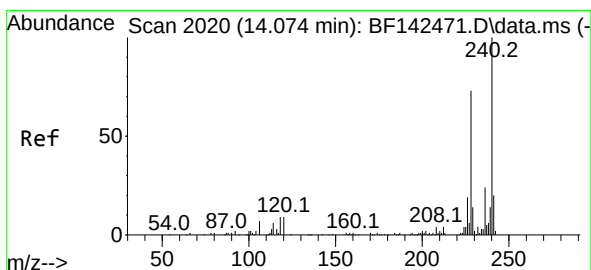
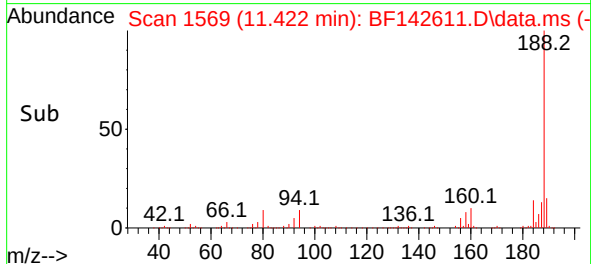
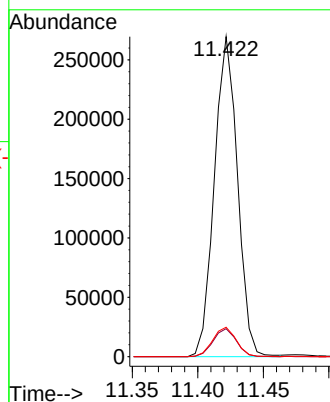
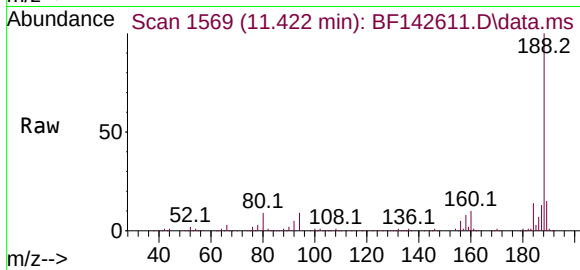
Tgt Ion:188 Resp: 330716

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: BF142611.D

Acq: 04 Jun 2025 17:17

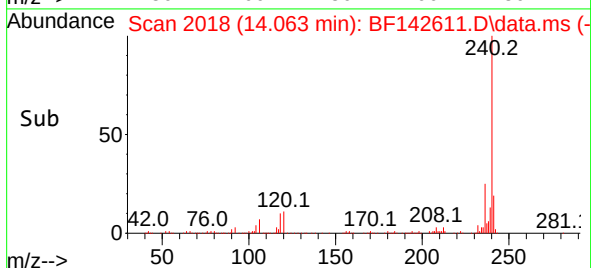
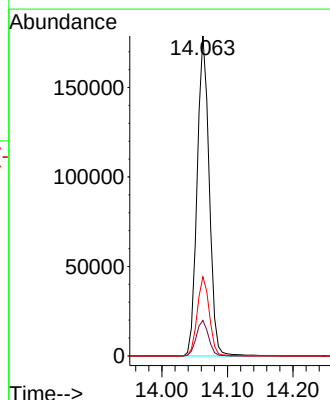
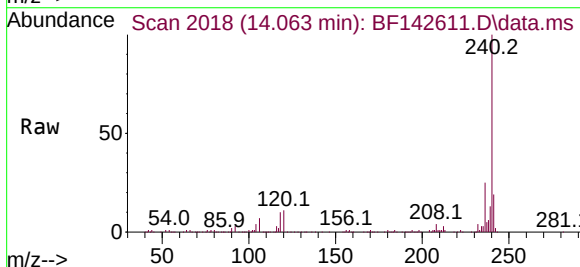
Tgt Ion:240 Resp: 227312

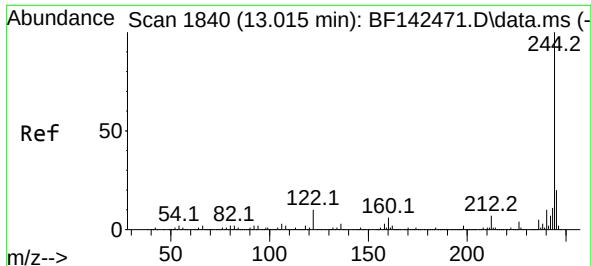
Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 24.7 19.6 29.4

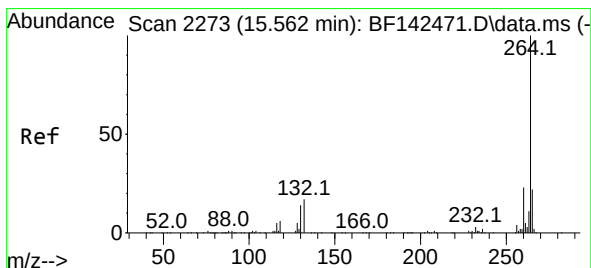
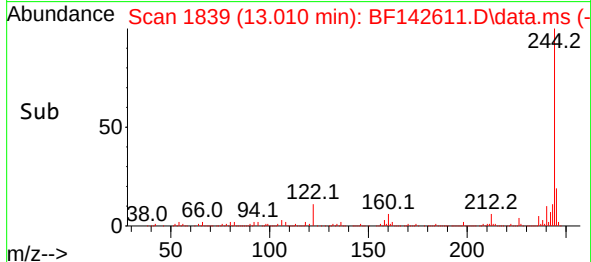
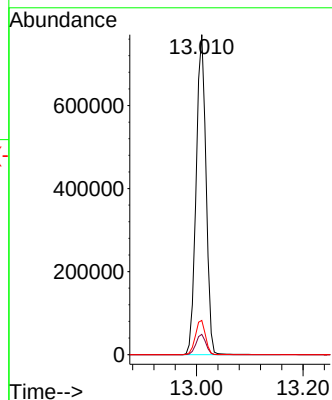
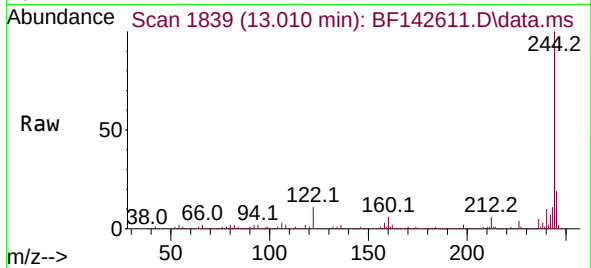




#79
 Terphenyl-d14
 Concen: 59.504 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142611.D
 Acq: 04 Jun 2025 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TP04-MHG-WC

Tgt Ion:244 Resp: 989791
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.7 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: BF142611.D
 Acq: 04 Jun 2025 17:17

Tgt Ion:264 Resp: 277244
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.6 17.7 26.5

