

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142620.D
 Acq On : 04 Jun 2025 21:46
 Operator : RC/JU
 Sample : Q2185-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP02-MHB-WC

Quant Time: Jun 05 01:28:21 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	117019	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	410863	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	175133	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	249995	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	276411	20.000	ng	-0.01
86) Perylene-d12	15.557	264	233679	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	766923	110.416	ng	0.01
7) Phenol-d6	6.522	99	800245	95.711	ng	-0.01
23) Nitrobenzene-d5	7.457	82	586734	77.870	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	202321	104.088	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1092773	83.728	ng	-0.02
79) Terphenyl-d14	13.010	244	1020581	50.456	ng	0.00

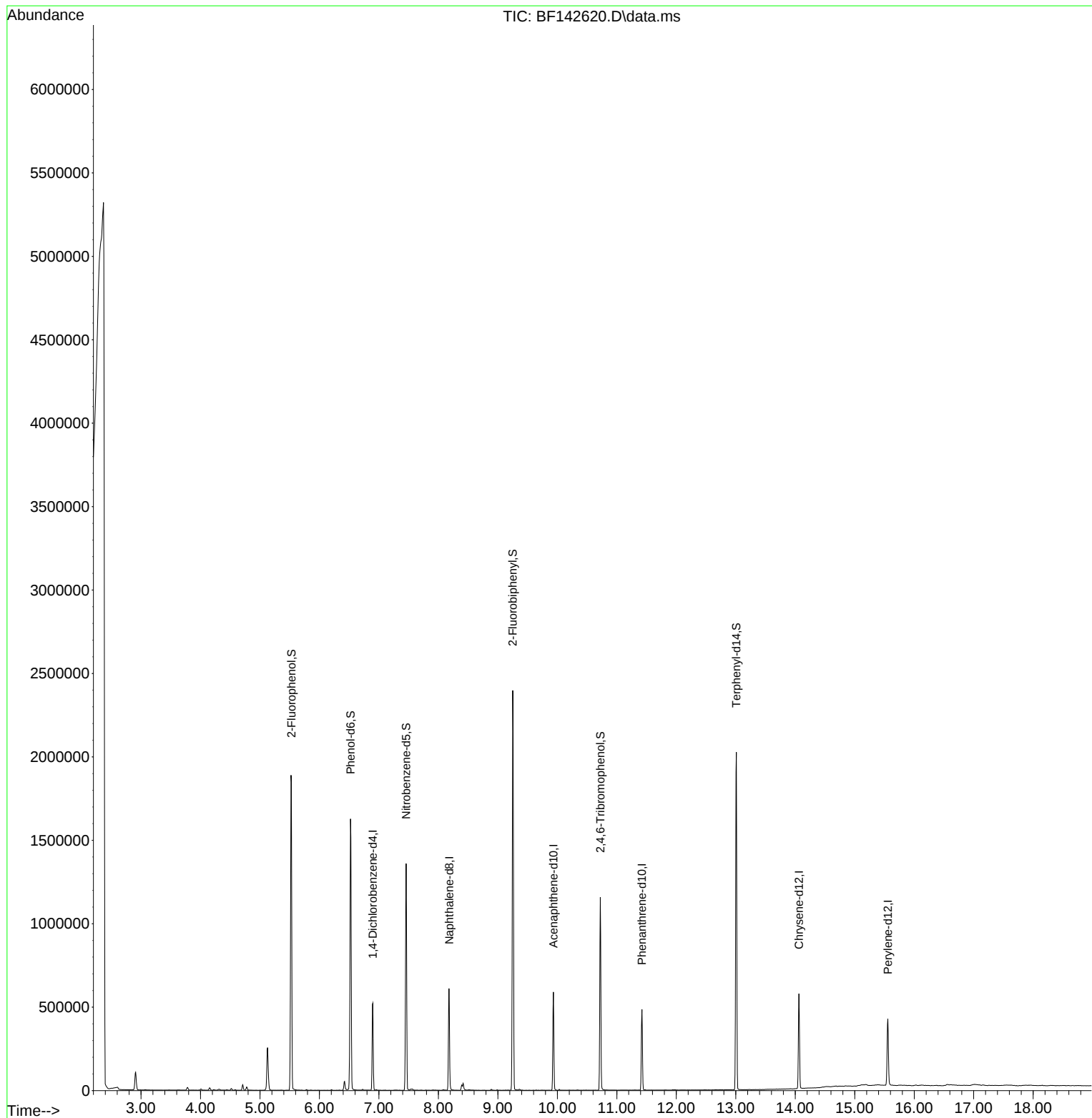
Target Compounds	Qvalue

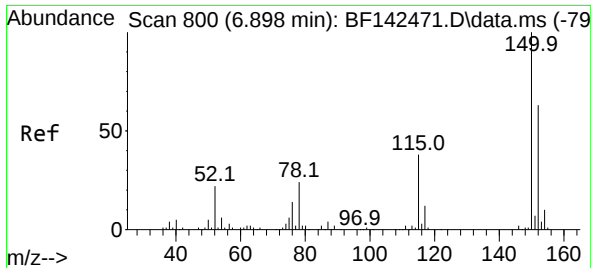
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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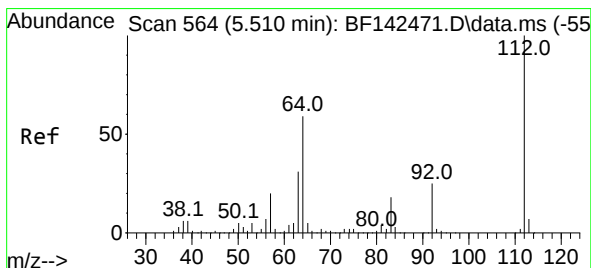
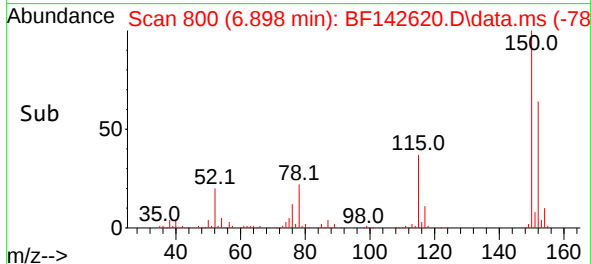
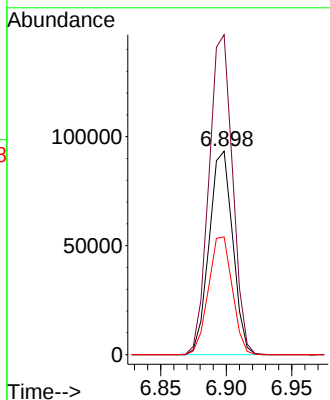
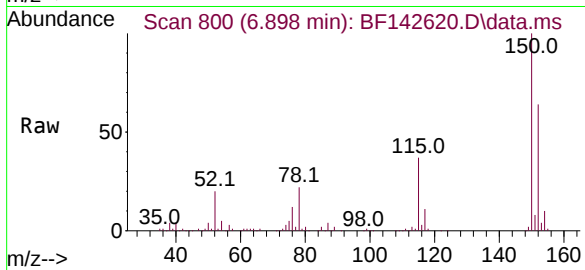




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142620.D
 Acq: 04 Jun 2025 21:46

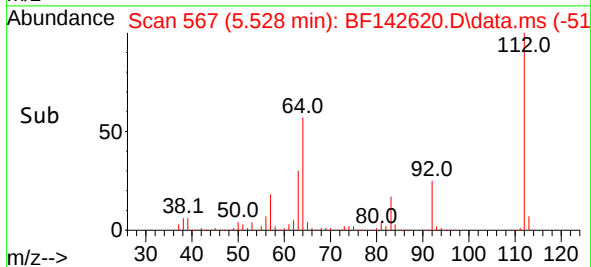
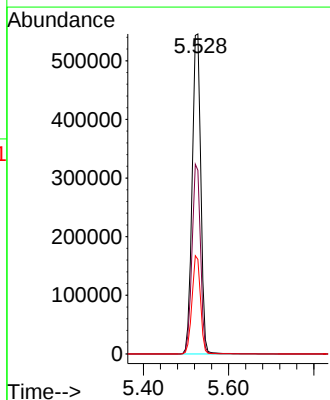
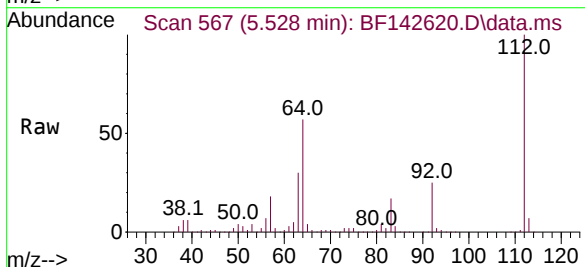
Instrument :
 BNA_F
 ClientSampleId :
 TP02-MHB-WC

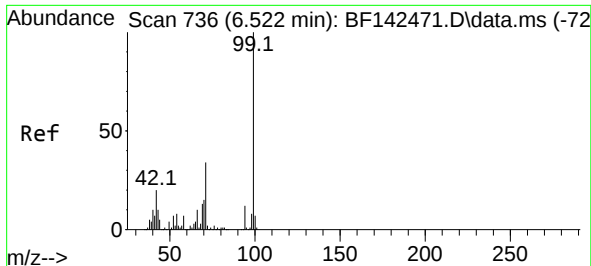
Tgt Ion:152 Resp: 117019
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.2 192.4
 115 57.8 48.3 72.5



#5
 2-Fluorophenol
 Concen: 110.416 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142620.D
 Acq: 04 Jun 2025 21:46

Tgt Ion:112 Resp: 766923
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.5 71.3
 63 29.5 24.9 37.3

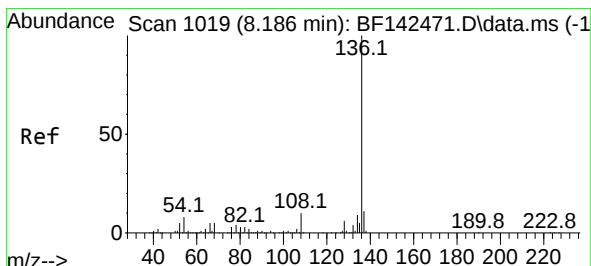
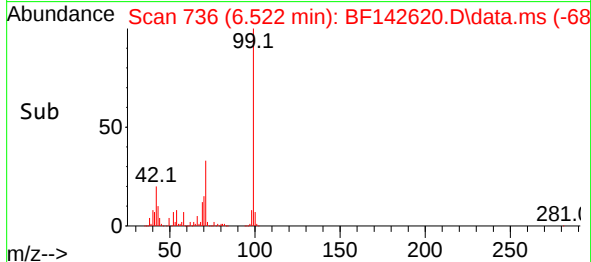
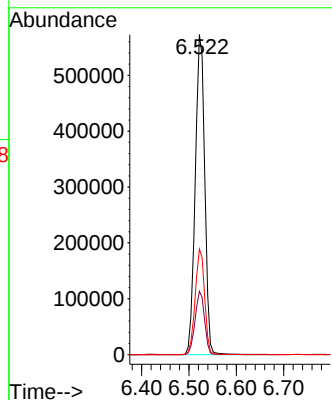
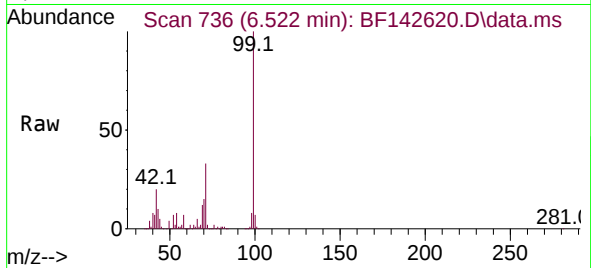




#7
Phenol-d6
Concen: 95.711 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

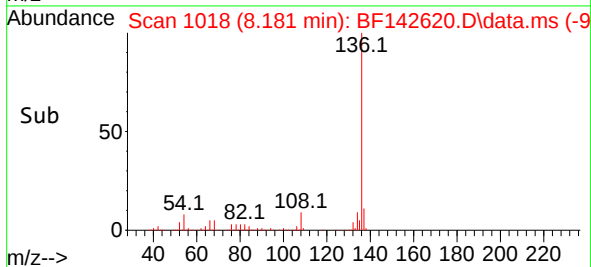
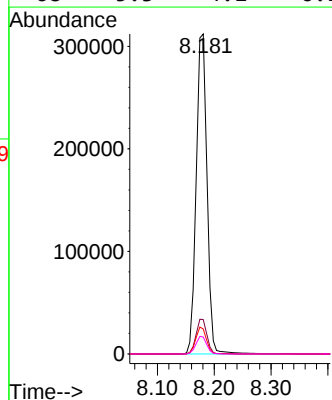
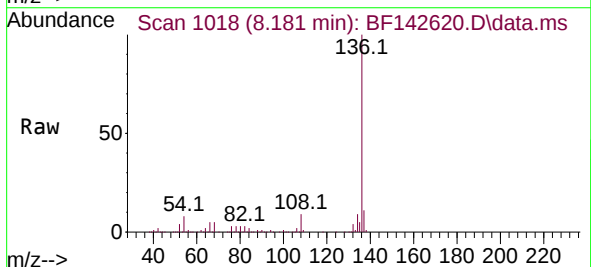
Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

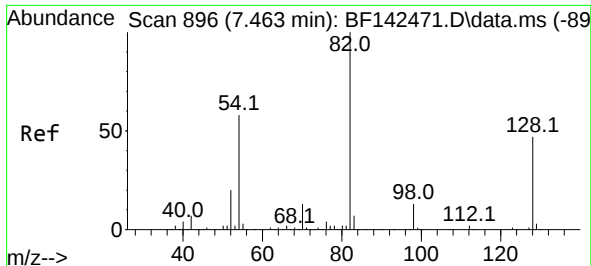
Tgt Ion: 99 Resp: 800245
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Tgt Ion: 136 Resp: 410863
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 6.6 10.0
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.870 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142620.D

Acq: 04 Jun 2025 21:46

Instrument :

BNA_F

ClientSampleId :

TP02-MHB-WC

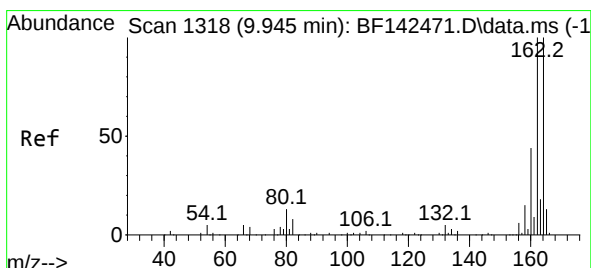
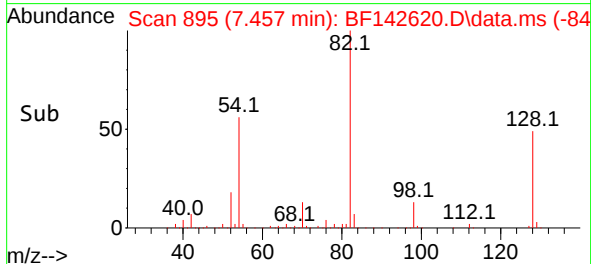
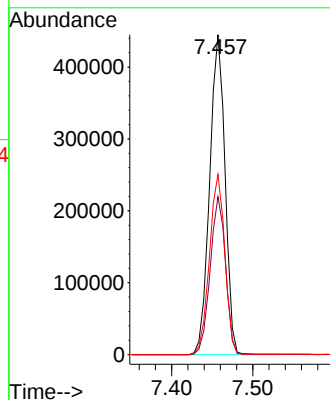
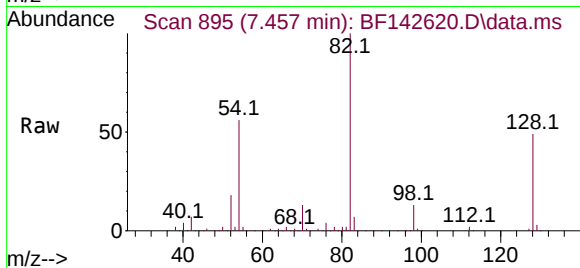
Tgt Ion: 82 Resp: 586734

Ion Ratio Lower Upper

82 100

128 49.3 37.4 56.2

54 56.3 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: BF142620.D

Acq: 04 Jun 2025 21:46

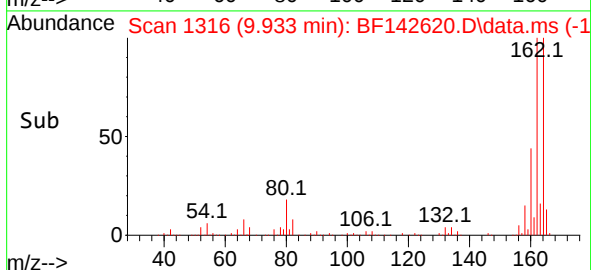
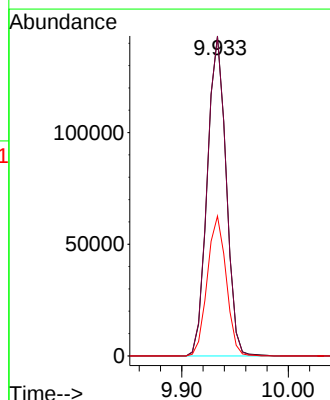
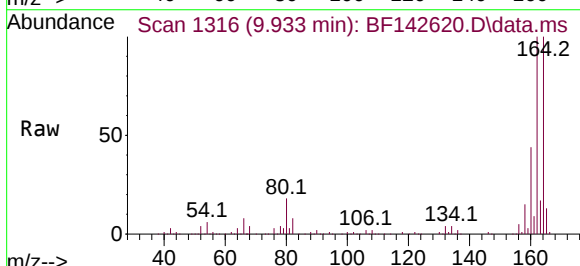
Tgt Ion:164 Resp: 175133

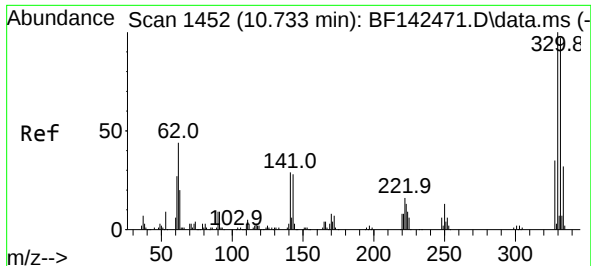
Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.4

160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 104.088 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142620.D

Acq: 04 Jun 2025 21:46

Instrument :

BNA_F

ClientSampleId :

TP02-MHB-WC

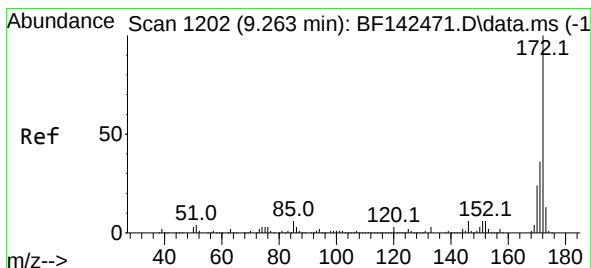
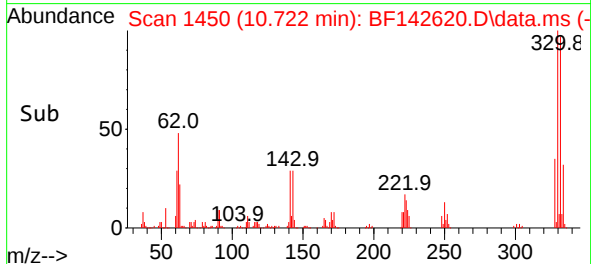
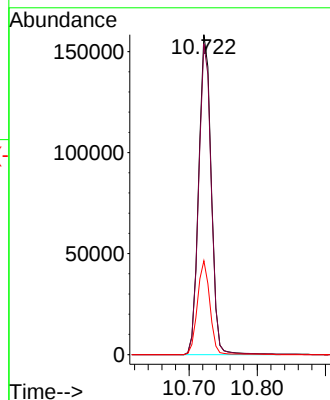
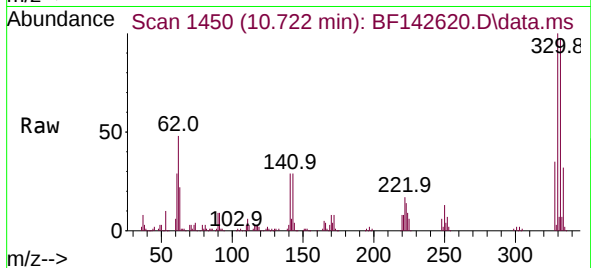
Tgt Ion:330 Resp: 202321

Ion Ratio Lower Upper

330 100

332 97.4 77.6 116.4

141 29.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 83.728 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142620.D

Acq: 04 Jun 2025 21:46

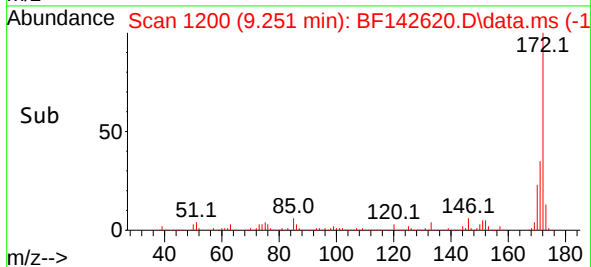
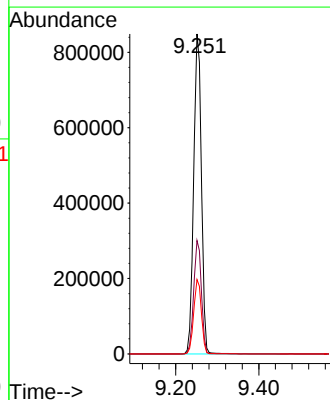
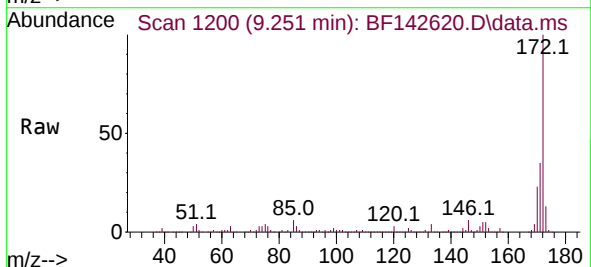
Tgt Ion:172 Resp: 1092773

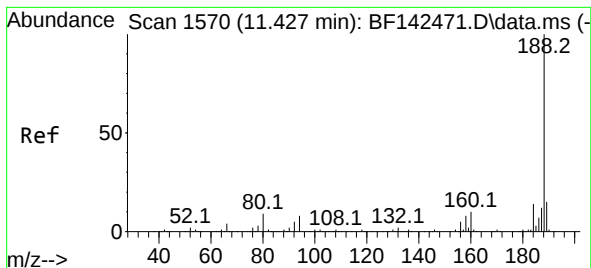
Ion Ratio Lower Upper

172 100

171 35.4 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: BF142620.D

Acq: 04 Jun 2025 21:46

Instrument :

BNA_F

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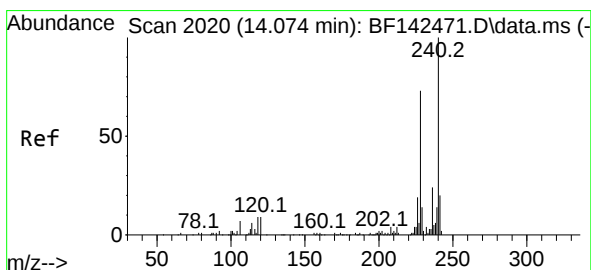
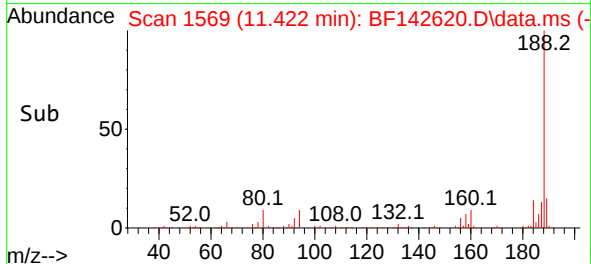
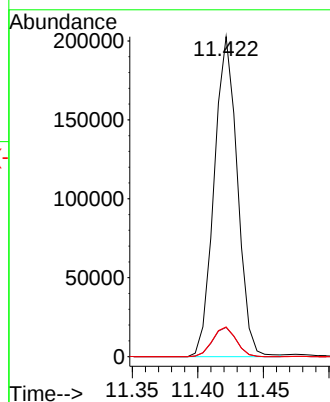
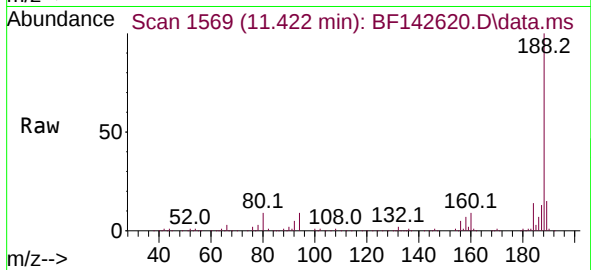
Tgt Ion:188 Resp: 249995

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.3 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: BF142620.D

Acq: 04 Jun 2025 21:46

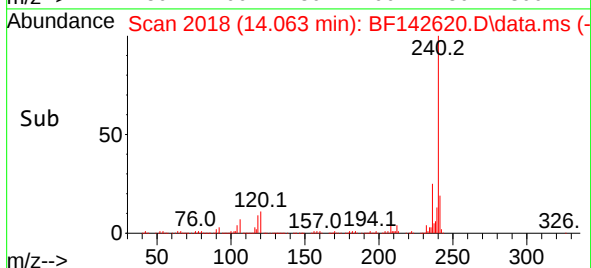
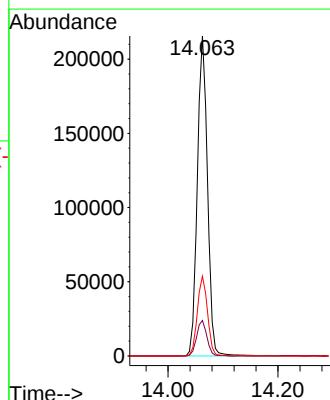
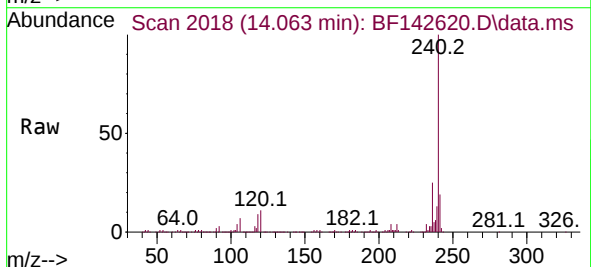
Tgt Ion:240 Resp: 276411

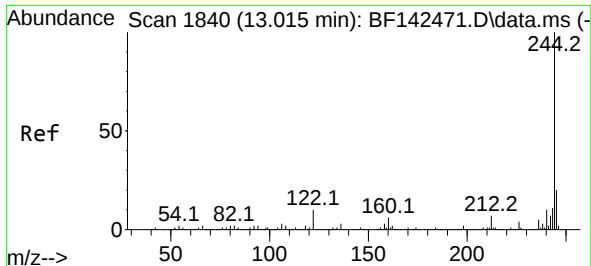
Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 24.9 19.6 29.4

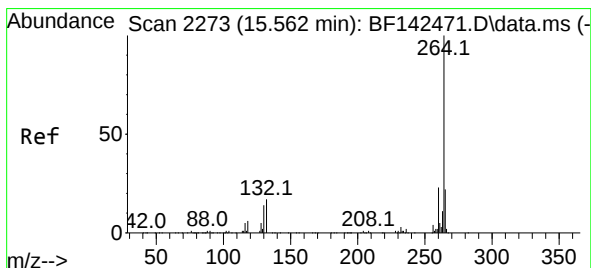
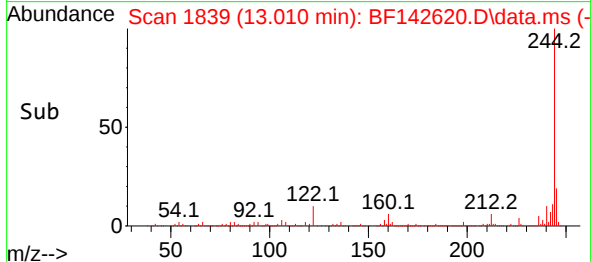
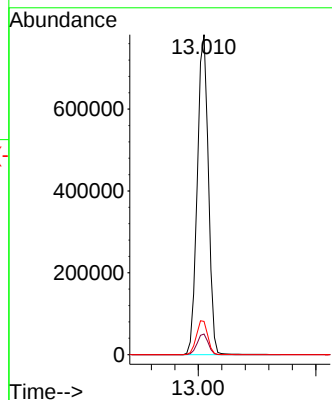
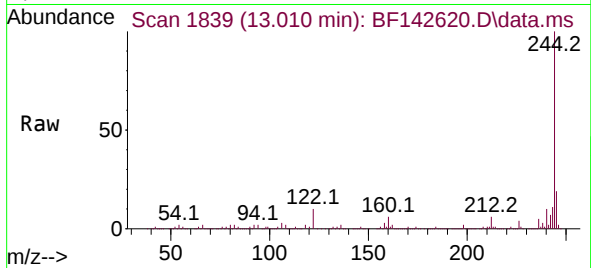




#79
 Terphenyl-d14
 Concen: 50.456 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142620.D
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Instrument :
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Tgt Ion:244 Resp: 1020581
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.4 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: BF142620.D
 Acq: 04 Jun 2025 21:46

Tgt Ion:264 Resp: 233679
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.0 17.7 26.5

