

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142476.D
 Acq On : 20 May 2025 17:29
 Operator : RC/JU
 Sample : PB168067TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168067TB

Quant Time: May 21 04:13:39 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	117324	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	464966	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264815	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	463920	20.000	ng	0.00
76) Chrysene-d12	14.069	240	329578	20.000	ng	0.00
86) Perylene-d12	15.563	264	249872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	814970	117.029	ng	0.00
7) Phenol-d6	6.522	99	1071323	127.800	ng	-0.01
23) Nitrobenzene-d5	7.457	82	639882	75.042	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	358490	121.972	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1436644	72.797	ng	-0.01
79) Terphenyl-d14	13.016	244	1664962	69.035	ng	0.00

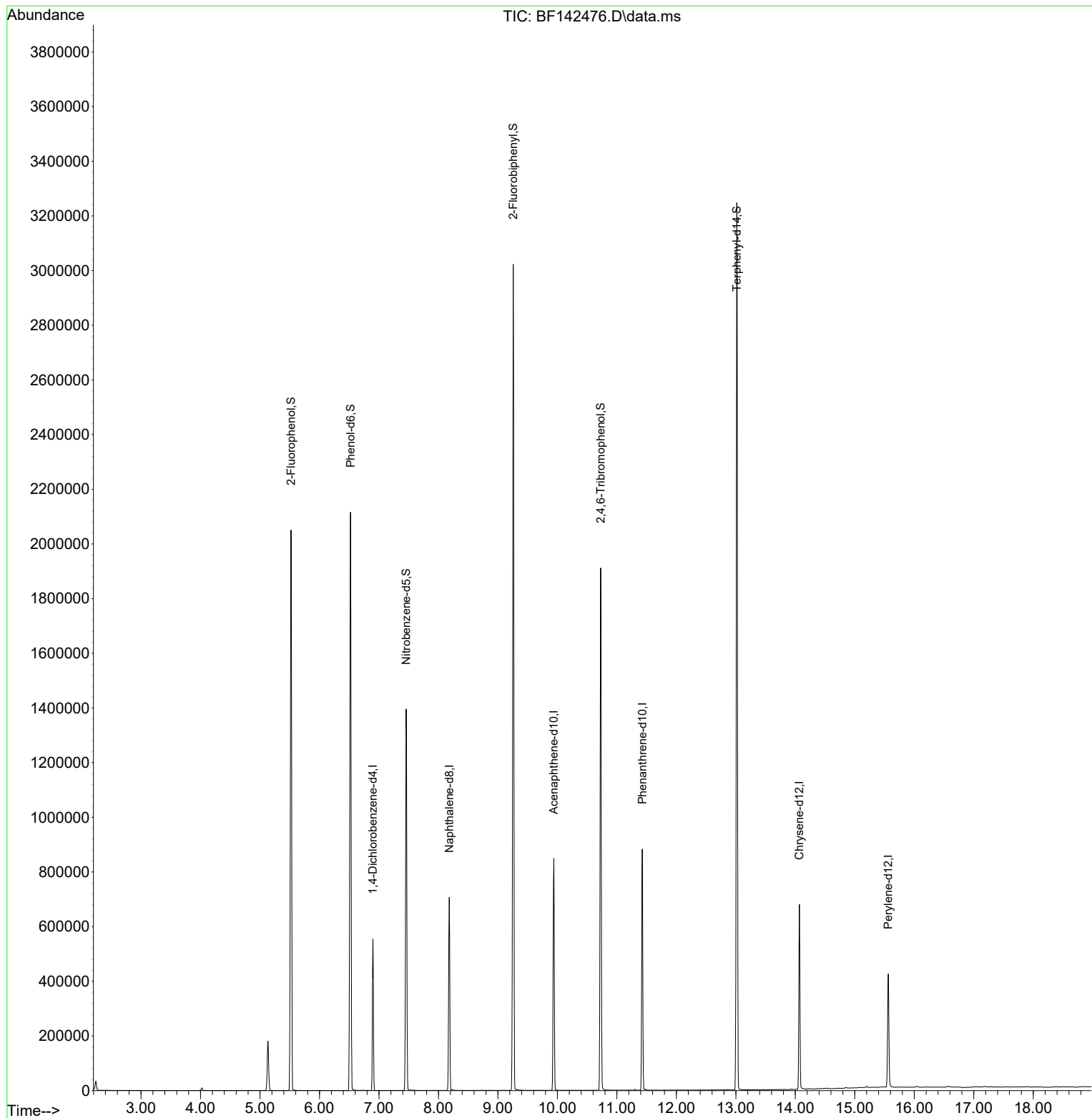
Target Compounds	Qvalue

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

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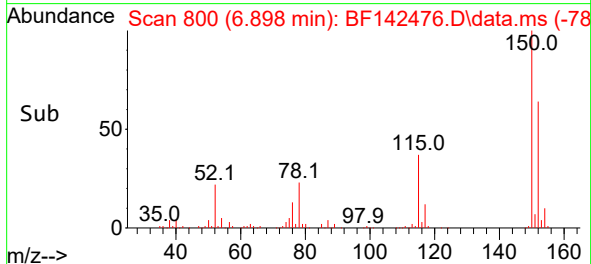
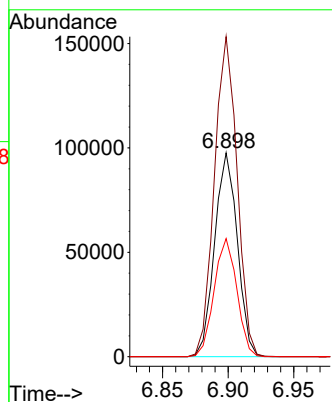
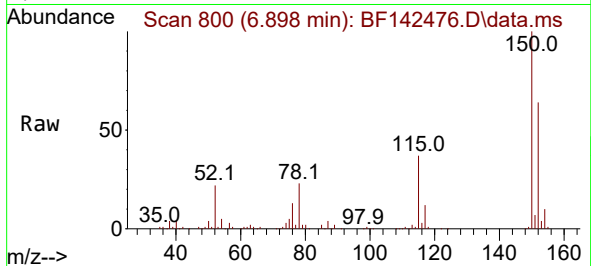




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

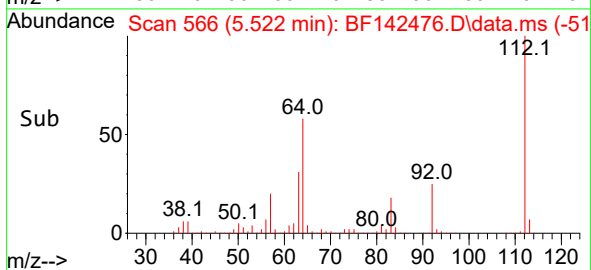
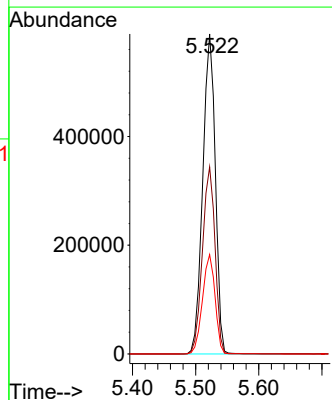
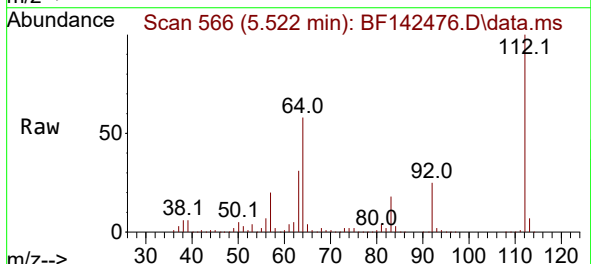
Instrument :
BNA_F
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PB168067TB

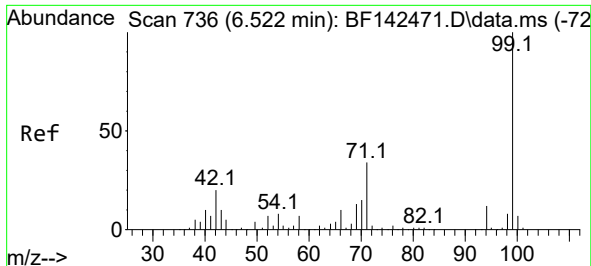
Tgt Ion:152 Resp: 117324
Ion Ratio Lower Upper
152 100
150 157.0 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 117.029 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:112 Resp: 814970
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 31.1 24.9 37.3

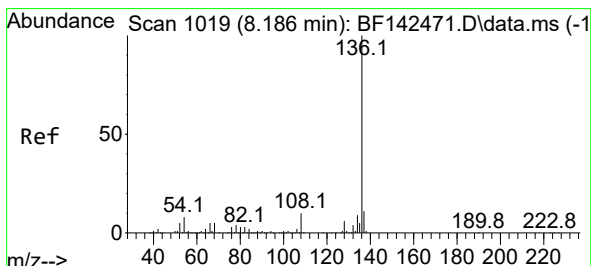
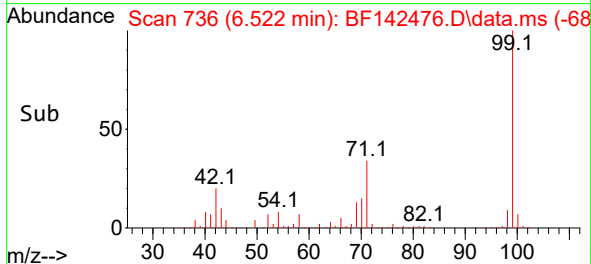
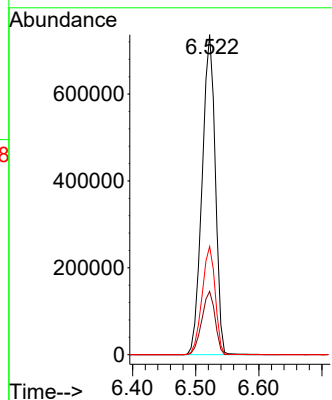
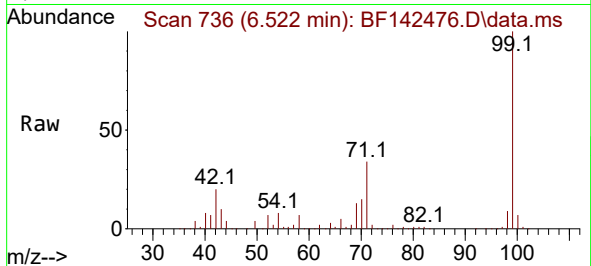




#7
Phenol-d6
Concen: 127.800 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

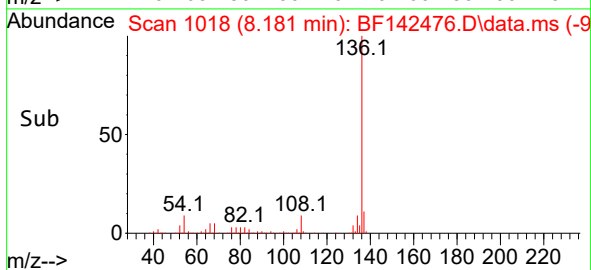
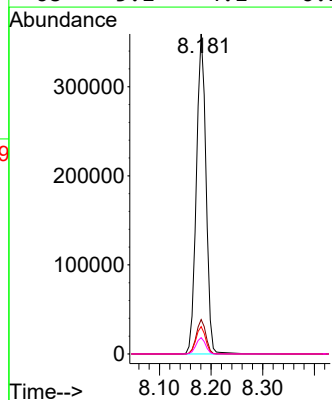
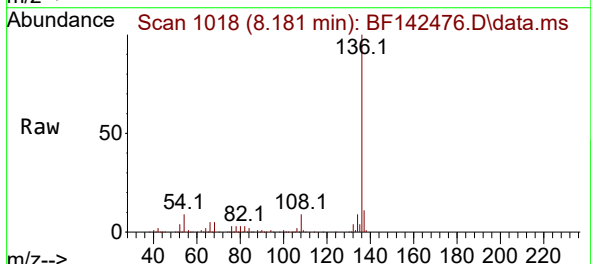
Instrument :
BNA_F
ClientSampleId :
PB168067TB

Tgt Ion: 99 Resp: 1071323
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.8 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: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:136 Resp: 464966
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 6.6 10.0
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.042 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

PB168067TB

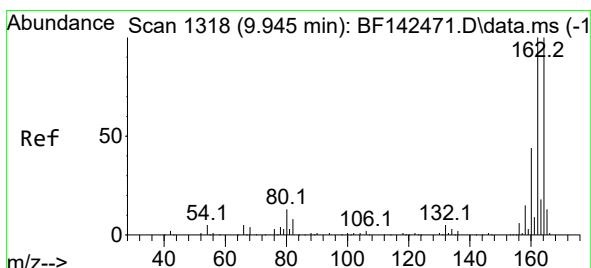
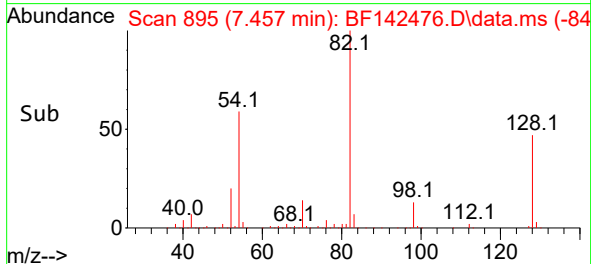
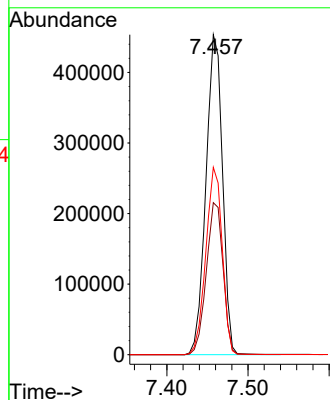
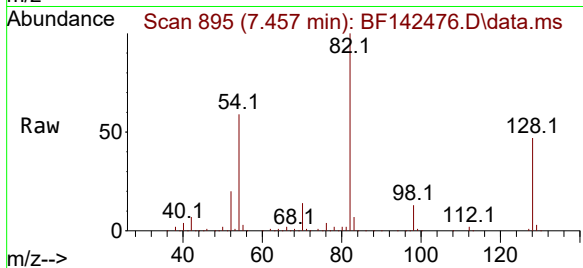
Tgt Ion: 82 Resp: 639882

Ion Ratio Lower Upper

82 100

128 47.5 37.4 56.2

54 58.6 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

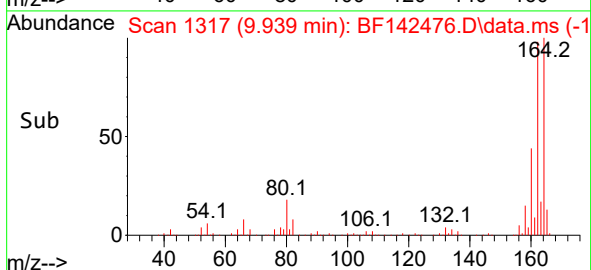
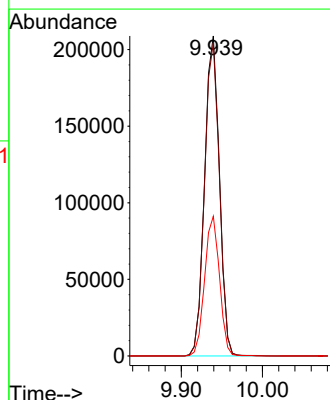
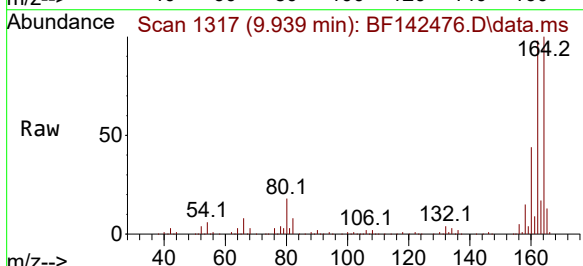
Tgt Ion:164 Resp: 264815

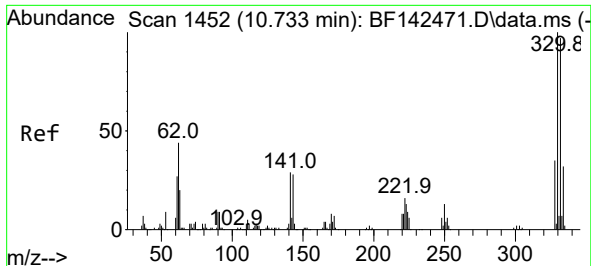
Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.4

160 43.7 35.6 53.4

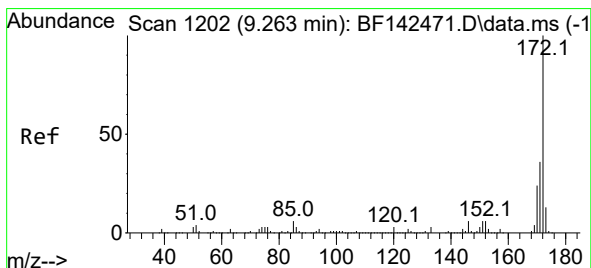
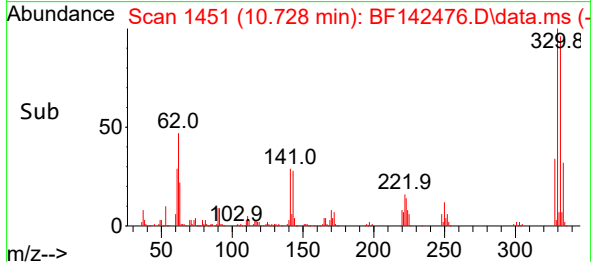
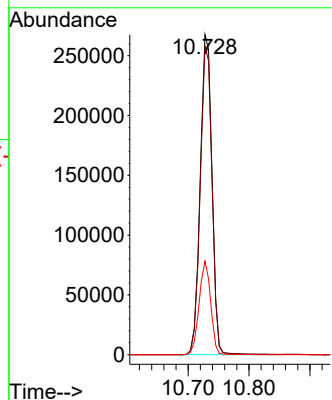
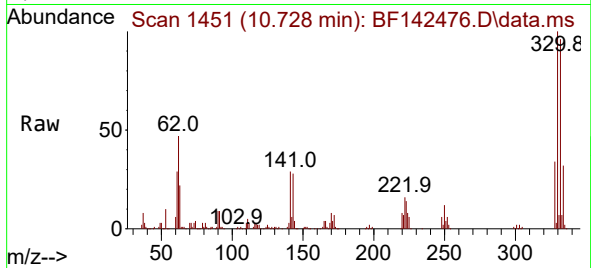




#42
2,4,6-Tribromophenol
Concen: 121.972 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

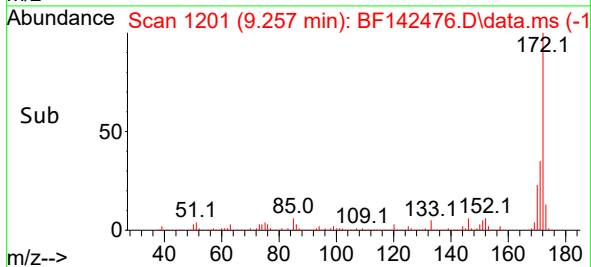
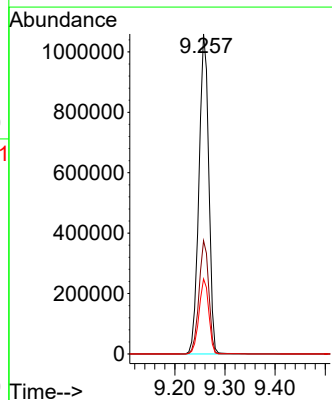
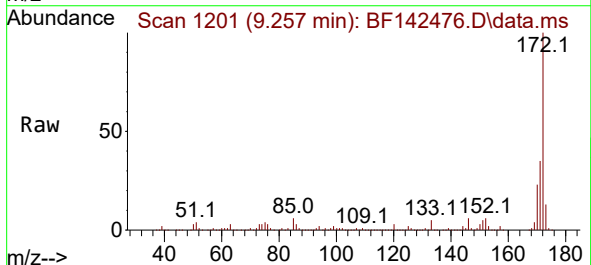
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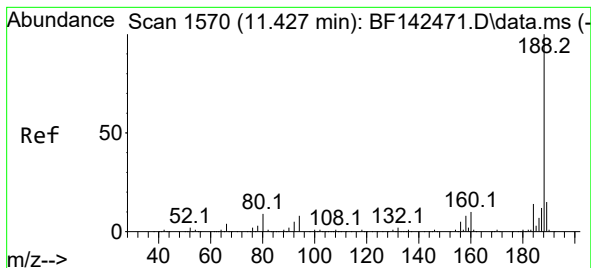
Tgt Ion:330 Resp: 358490
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 72.797 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:172 Resp: 1436644
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

PB168067TB

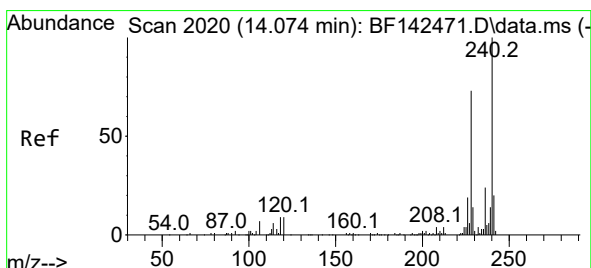
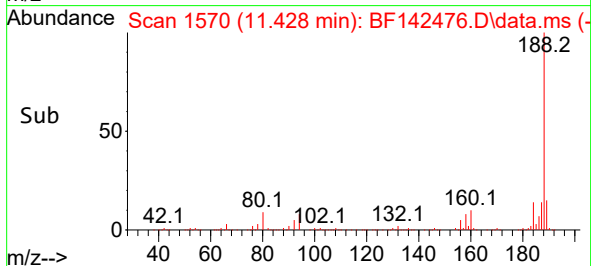
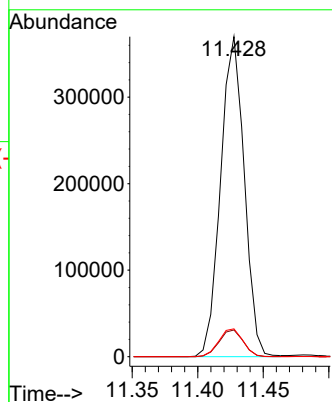
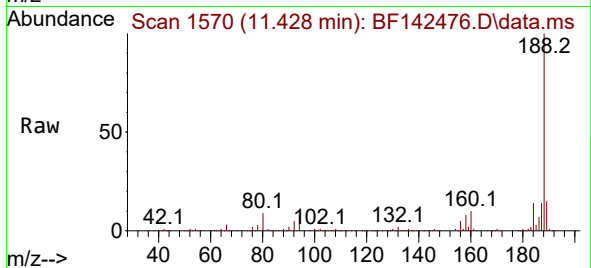
Tgt Ion:188 Resp: 463920

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 8.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

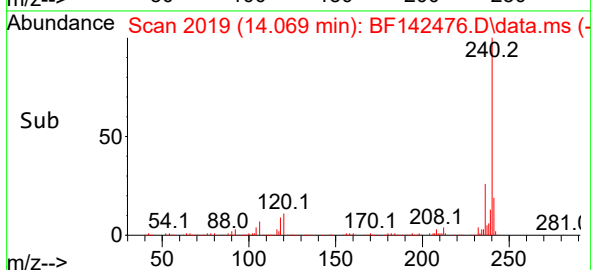
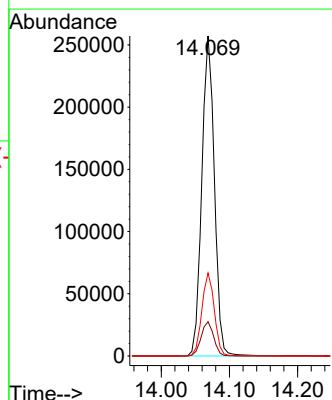
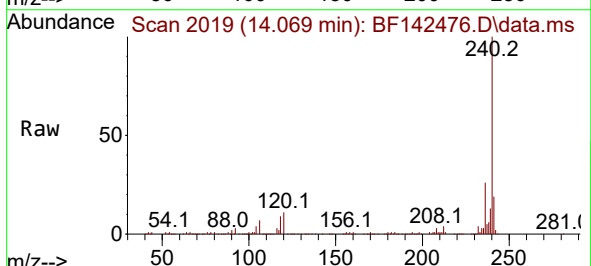
Tgt Ion:240 Resp: 329578

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

236 25.9 19.6 29.4





#79

Terphenyl-d14

Concen: 69.035 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

PB168067TB

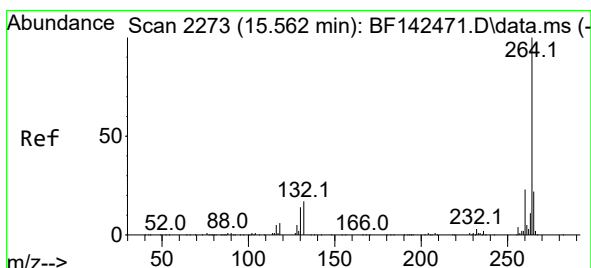
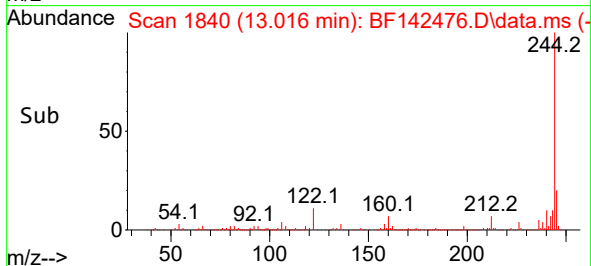
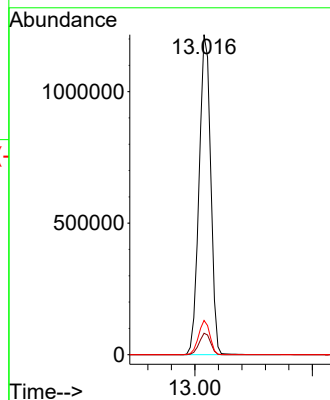
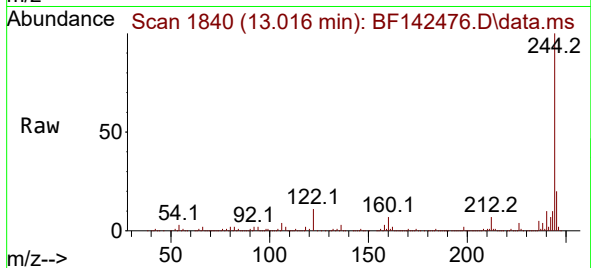
Tgt Ion:244 Resp: 1664962

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142476.D

Acq: 20 May 2025 17:29

Tgt Ion:264 Resp: 249872

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.7 26.5

