

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142569.D
 Acq On : 30 May 2025 14:52
 Operator : RC/JU
 Sample : Q2150-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-47

Quant Time: May 30 15:13:47 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	119655	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	452665	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	237881	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	379317	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	213577	20.000	ng	0.00
86) Perylene-d12	15.563	264	233735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	580421	81.724	ng	0.00
7) Phenol-d6	6.522	99	715121	83.646	ng	-0.01
23) Nitrobenzene-d5	7.457	82	427464	51.493	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	213540	80.881	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	880377	49.661	ng	-0.01
79) Terphenyl-d14	13.010	244	710605	45.467	ng	0.00

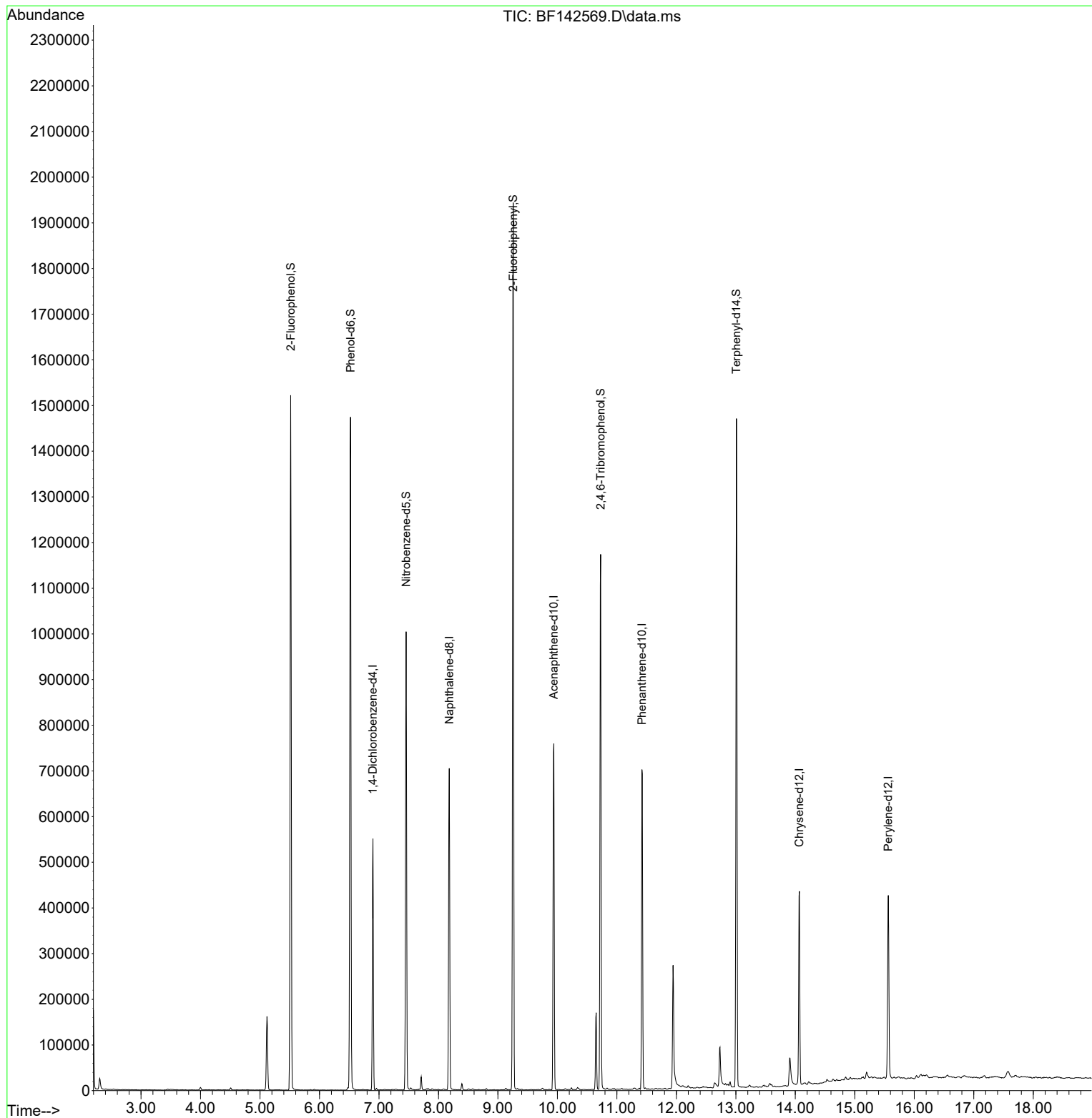
Target Compounds	Qvalue

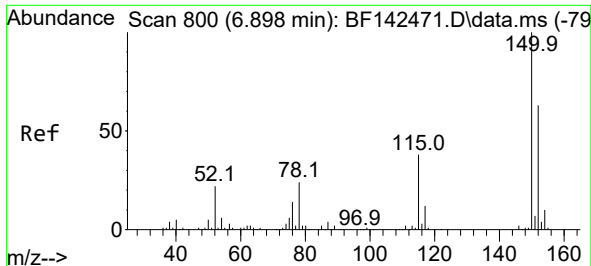
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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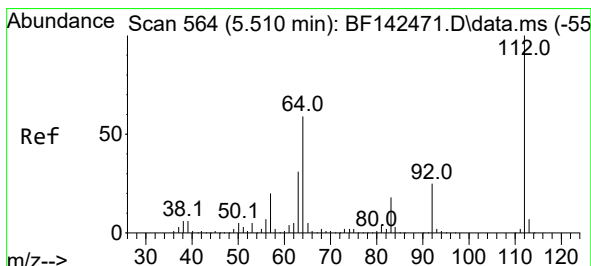
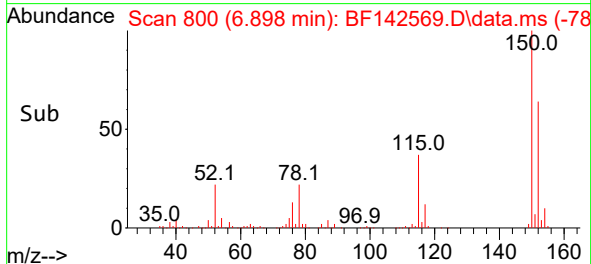
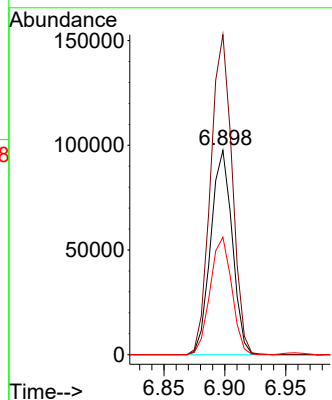
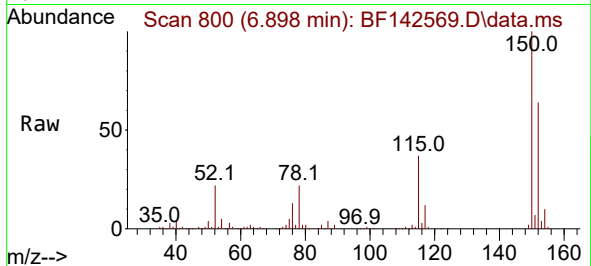




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

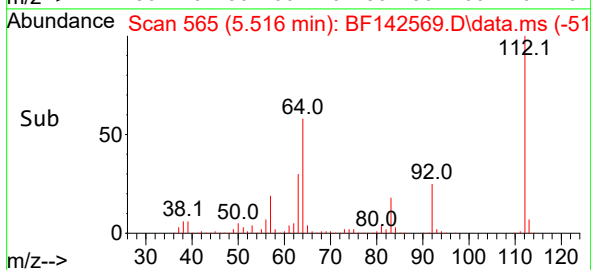
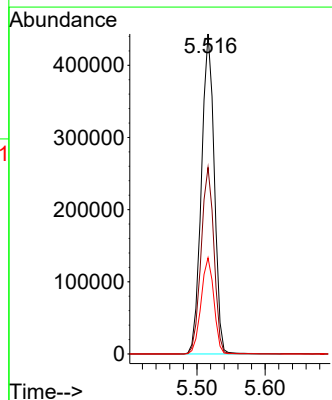
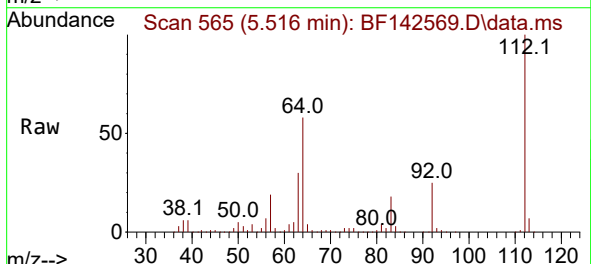
Instrument :
BNA_F
ClientSampleId :
TP-47

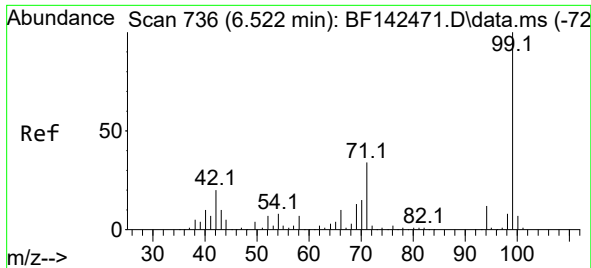
Tgt Ion:152 Resp: 119655
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 57.5 48.3 72.5



#5
2-Fluorophenol
Concen: 81.724 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

Tgt Ion:112 Resp: 580421
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.1 24.9 37.3

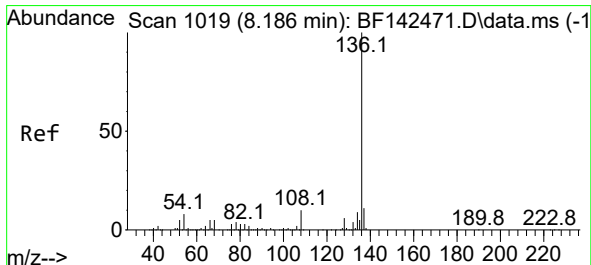
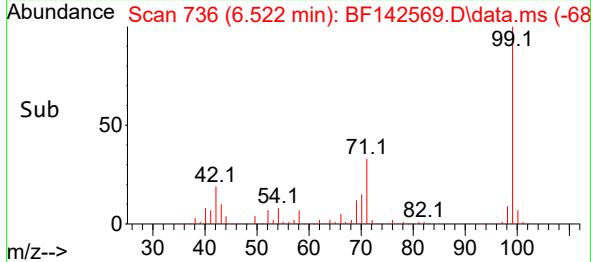
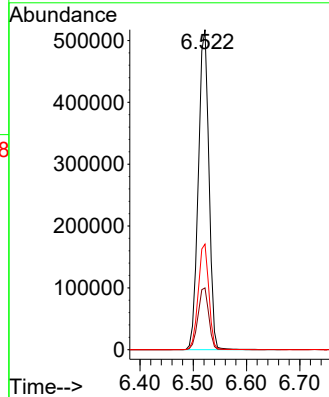
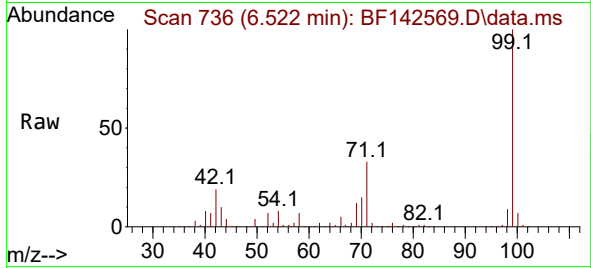




#7
Phenol-d6
Concen: 83.646 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

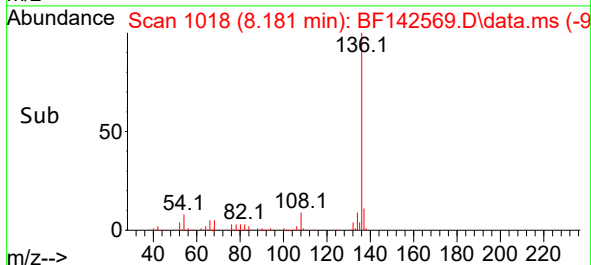
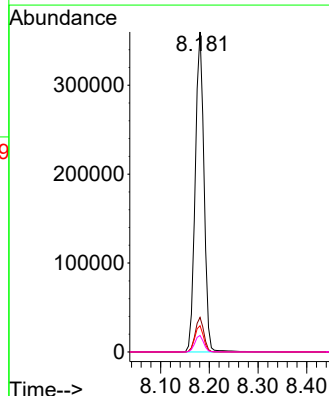
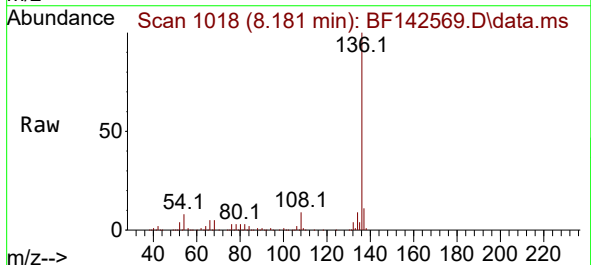
Instrument :
BNA_F
ClientSampleId :
TP-47

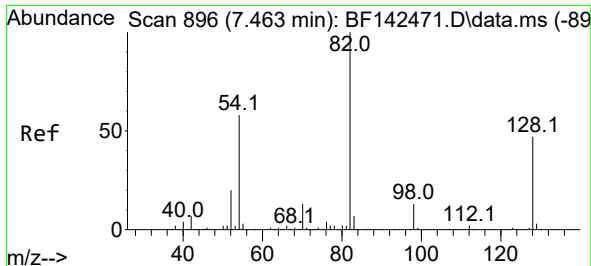
Tgt Ion: 99 Resp: 715121
Ion Ratio Lower Upper
99 100
42 19.3 16.2 24.2
71 33.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

Tgt Ion:136 Resp: 452665
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 51.493 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142569.D

Acq: 30 May 2025 14:52

Instrument :

BNA_F

ClientSampleId :

TP-47

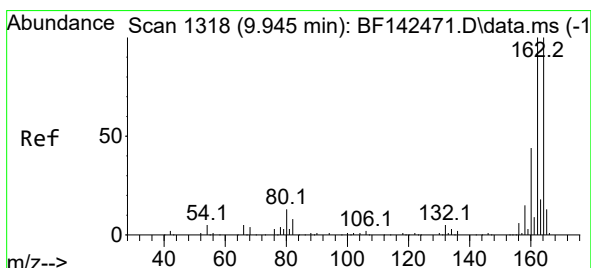
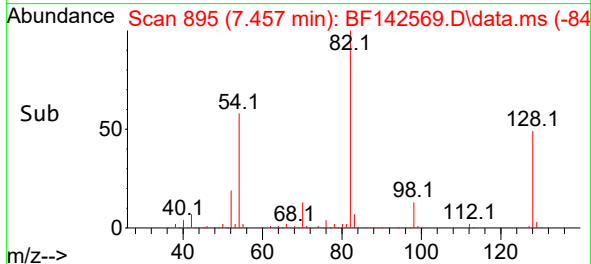
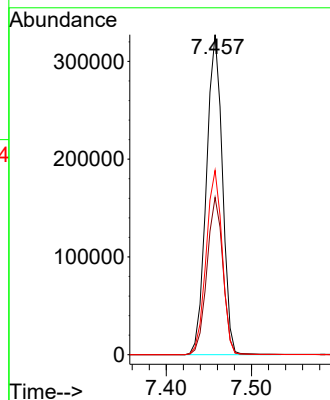
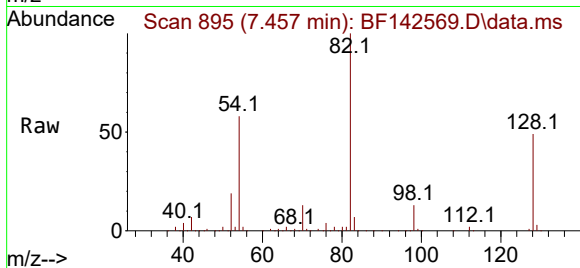
Tgt Ion: 82 Resp: 427464

Ion Ratio Lower Upper

82 100

128 49.1 37.4 56.2

54 57.6 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: BF142569.D

Acq: 30 May 2025 14:52

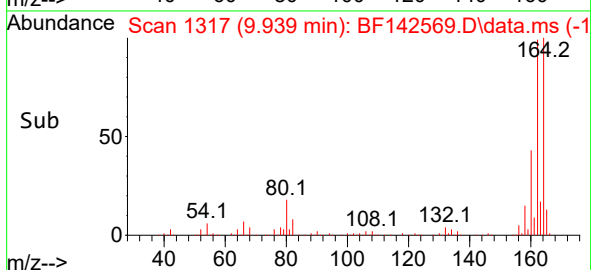
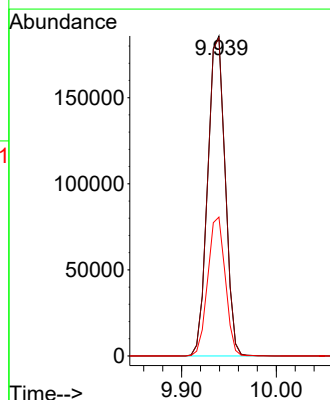
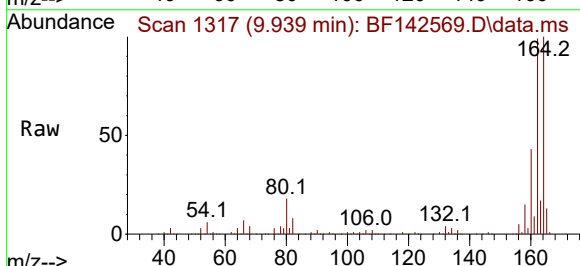
Tgt Ion:164 Resp: 237881

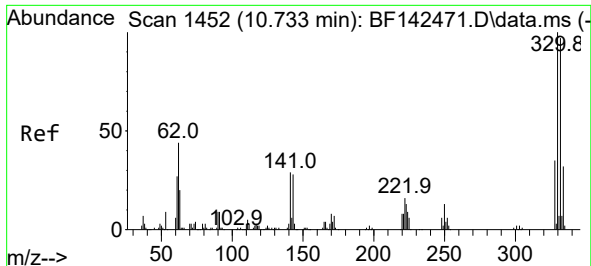
Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 43.4 35.6 53.4

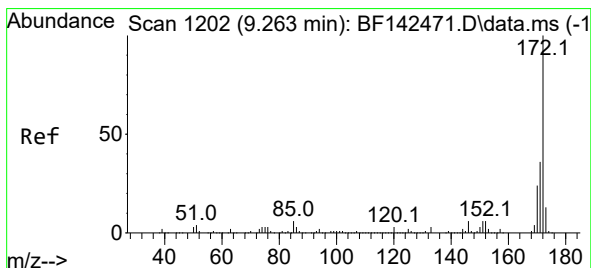
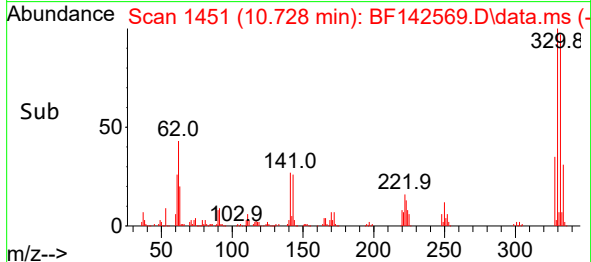
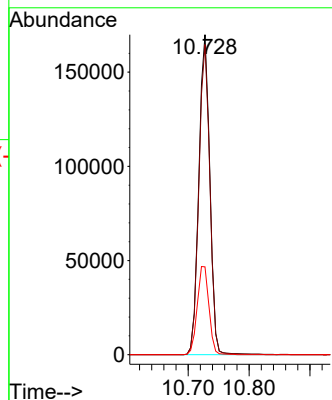
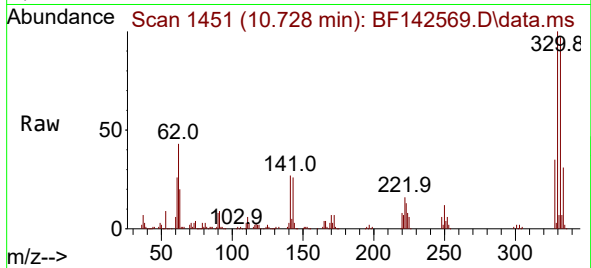




#42
2,4,6-Tribromophenol
Concen: 80.881 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

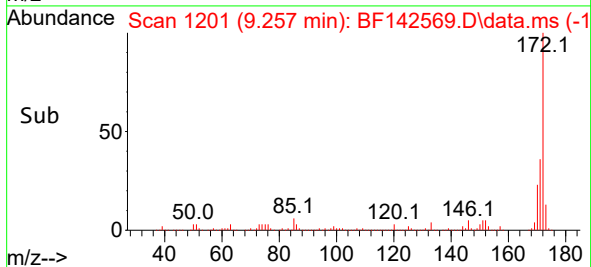
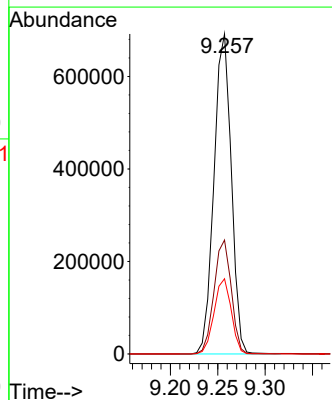
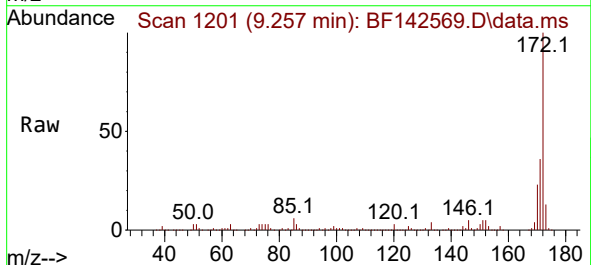
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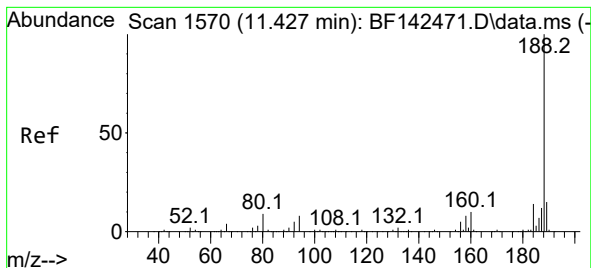
Tgt Ion:330 Resp: 213540
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 29.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 49.661 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142569.D
Acq: 30 May 2025 14:52

Tgt Ion:172 Resp: 880377
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 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: BF142569.D

Acq: 30 May 2025 14:52

Instrument :

BNA_F

ClientSampleId :

TP-47

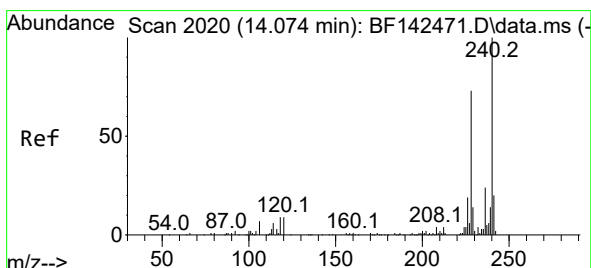
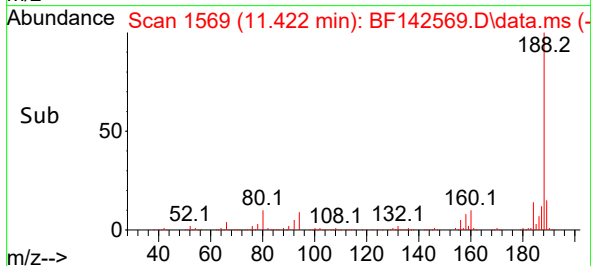
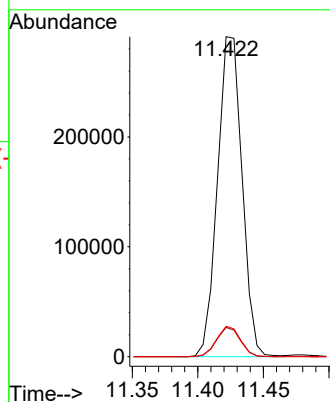
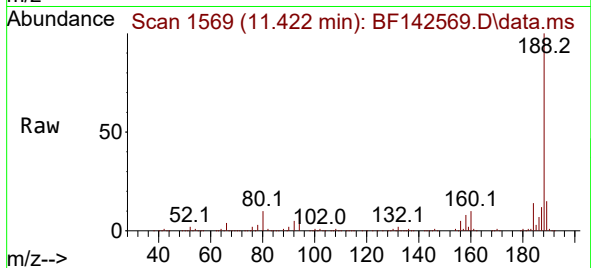
Tgt Ion:188 Resp: 379317

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.5 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142569.D

Acq: 30 May 2025 14:52

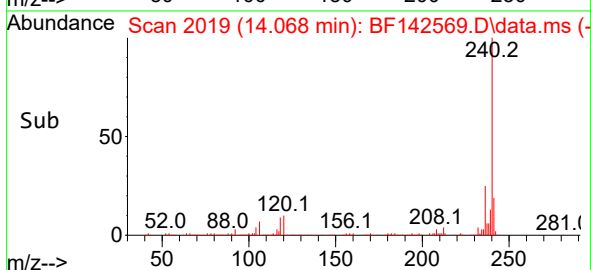
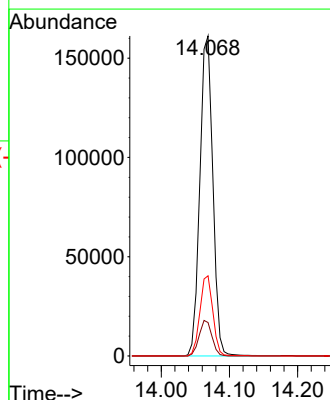
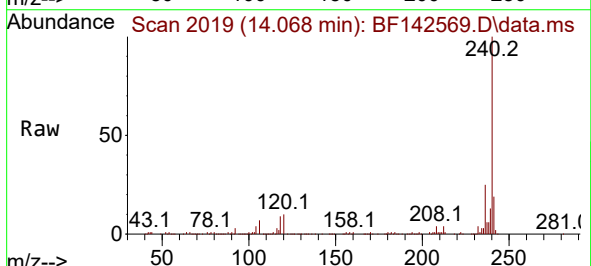
Tgt Ion:240 Resp: 213577

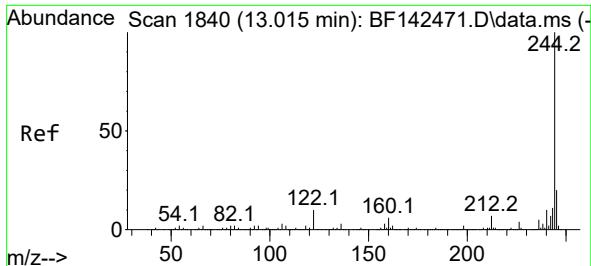
Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

236 25.1 19.6 29.4

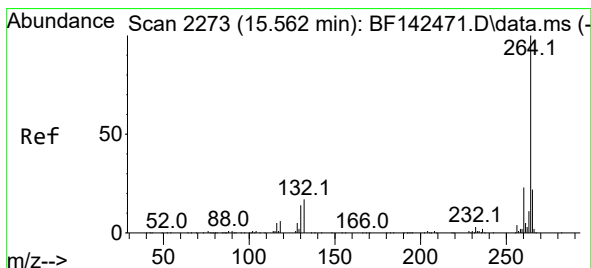
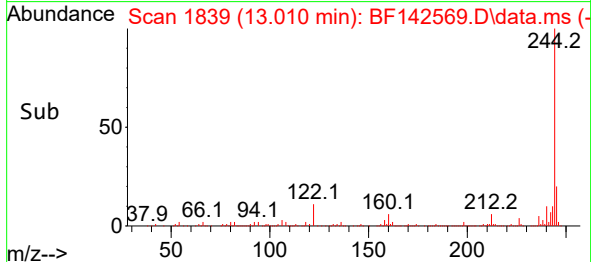
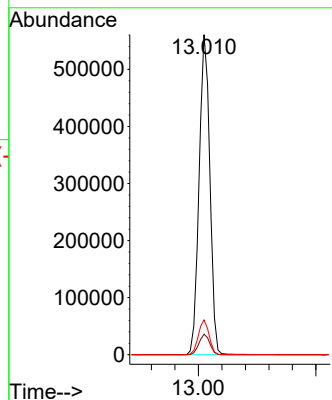
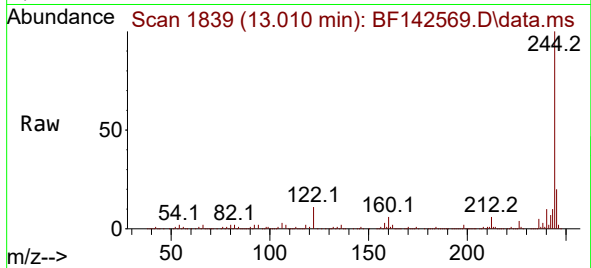




#79
 Terphenyl-d14
 Concen: 45.467 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142569.D
 Acq: 30 May 2025 14:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-47

Tgt Ion:244 Resp: 710605
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.9 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: BF142569.D
 Acq: 30 May 2025 14:52

Tgt Ion:264 Resp: 233735
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.8 17.7 26.5

