

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142267.D
 Acq On : 01 May 2025 18:26
 Operator : RC/JU
 Sample : Q1901-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB04262025

Quant Time: May 02 01:07:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	201475	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	750141	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	355308	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	506536	20.000	ng	0.00
76) Chrysene-d12	14.069	240	447799	20.000	ng	0.00
86) Perylene-d12	15.557	264	425092	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	671365	53.218	ng	0.00
7) Phenol-d6	6.516	99	488672	32.078	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1036374	90.766	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	387463	119.620	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2015860	79.995	ng	0.00
79) Terphenyl-d14	13.016	244	1820619	59.132	ng	0.00

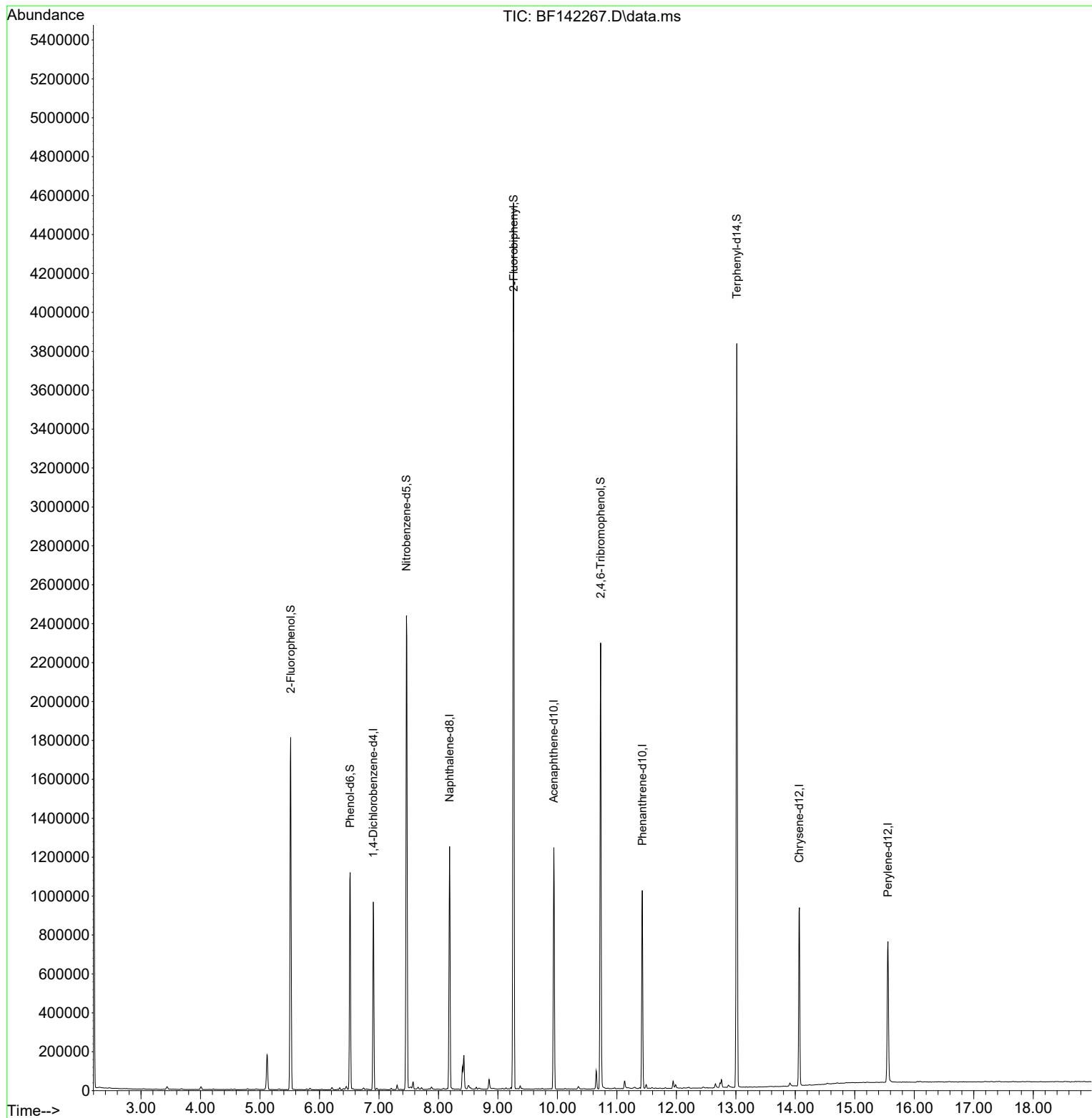
Target Compounds	Qvalue

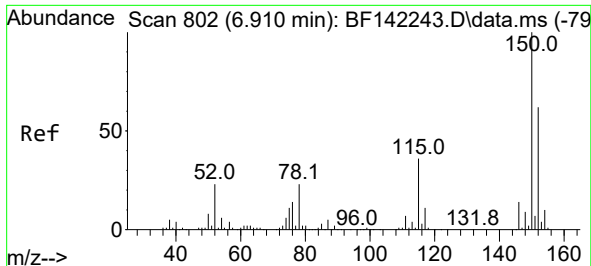
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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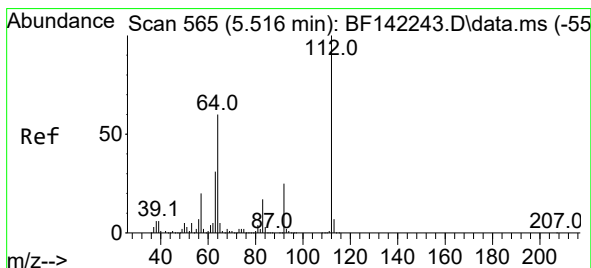
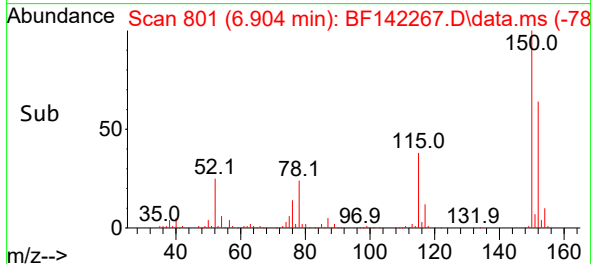
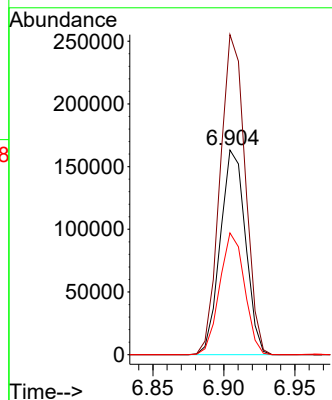
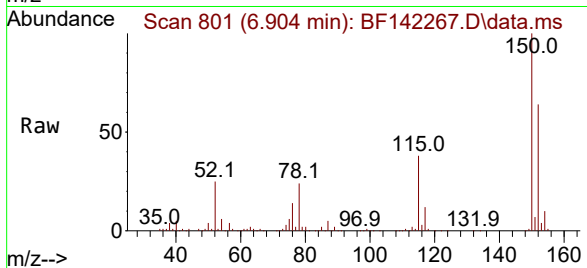




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142267.D
 Acq: 01 May 2025 18:26

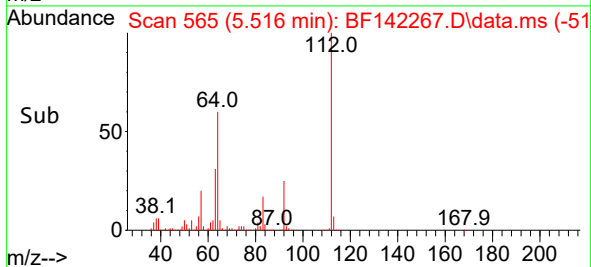
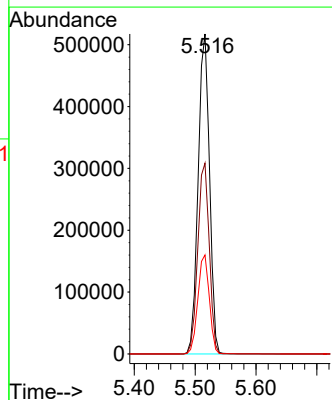
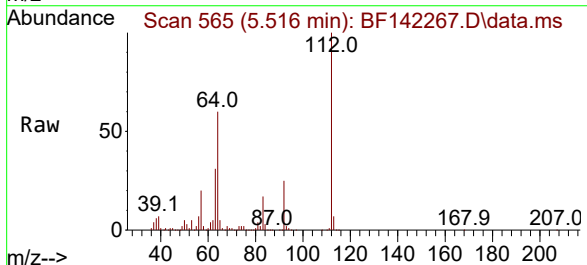
Instrument :
 BNA_F
 ClientSampleId :
 FB04262025

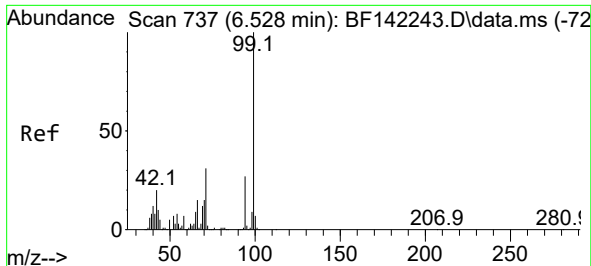
Tgt Ion:152 Resp: 201475
 Ion Ratio Lower Upper
 152 100
 150 156.4 130.2 195.2
 115 59.5 47.0 70.4



#5
 2-Fluorophenol
 Concen: 53.218 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142267.D
 Acq: 01 May 2025 18:26

Tgt Ion:112 Resp: 671365
 Ion Ratio Lower Upper
 112 100
 64 59.6 48.4 72.6
 63 31.0 24.8 37.2

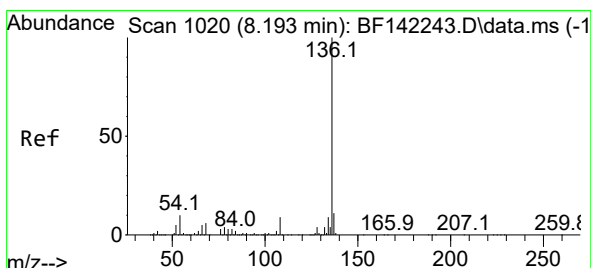
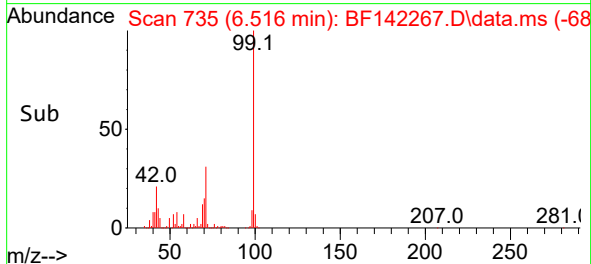
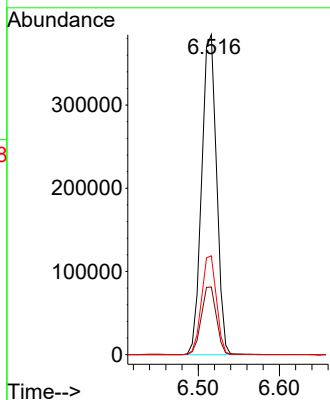
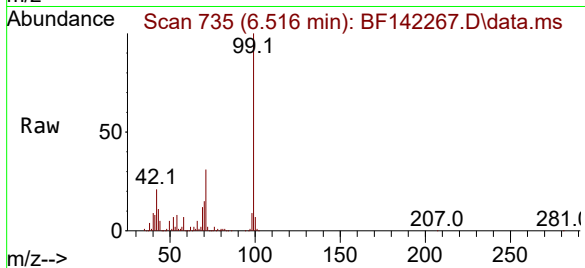




#7
Phenol-d6
Concen: 32.078 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

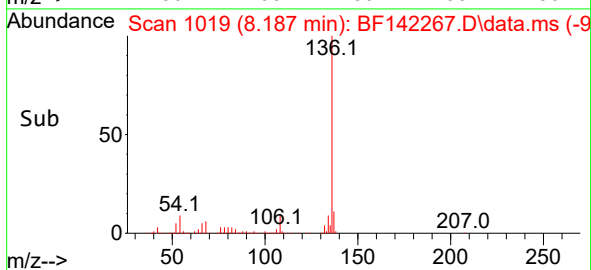
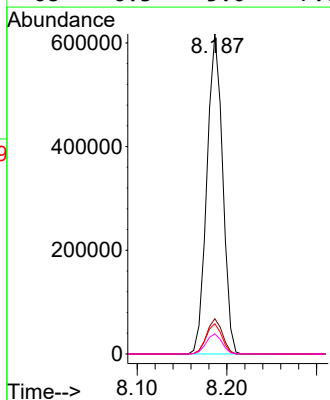
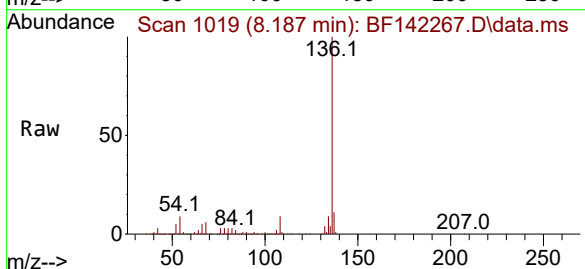
Instrument :
BNA_F
ClientSampleId :
FB04262025

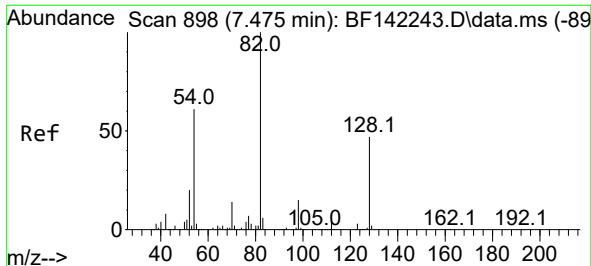
Tgt Ion: 99 Resp: 488672
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 30.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion: 136 Resp: 750141
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.4 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.766 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Instrument :

BNA_F

ClientSampleId :

FB04262025

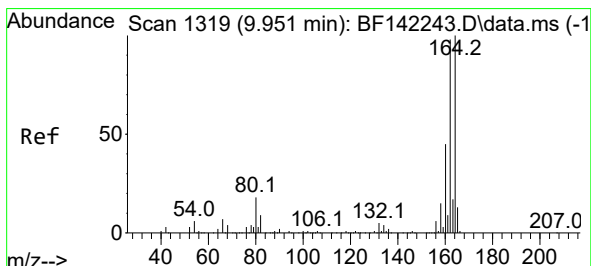
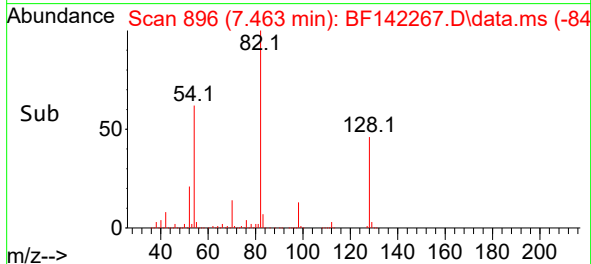
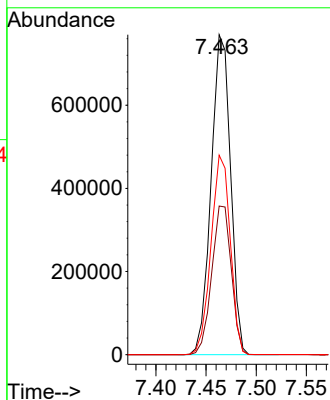
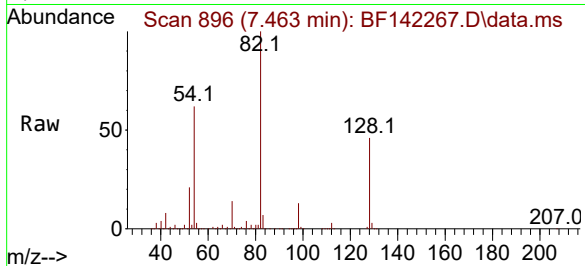
Tgt Ion: 82 Resp: 1036374

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

54 62.4 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

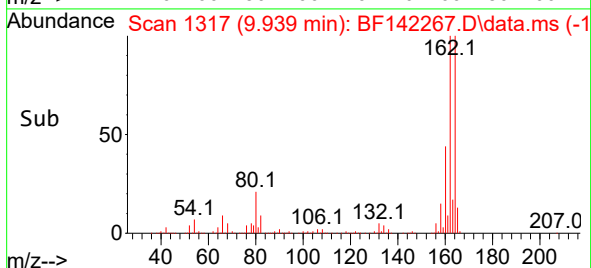
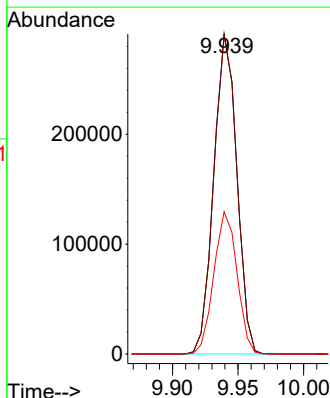
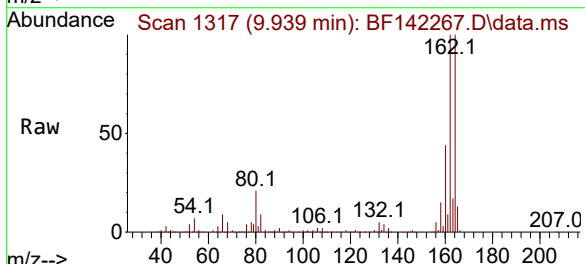
Tgt Ion:164 Resp: 355308

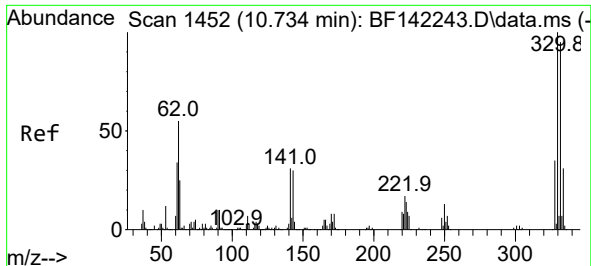
Ion Ratio Lower Upper

164 100

162 99.5 78.6 117.8

160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 119.620 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142267.D

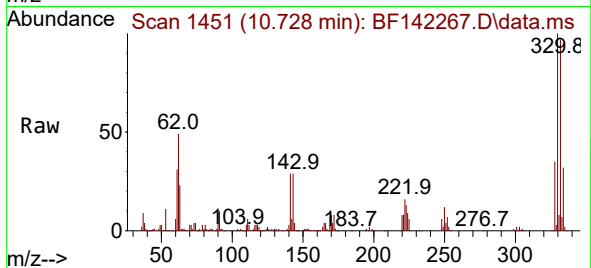
Acq: 01 May 2025 18:26

Instrument :

BNA_F

ClientSampleId :

FB04262025



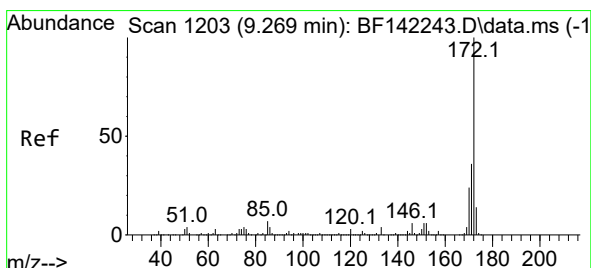
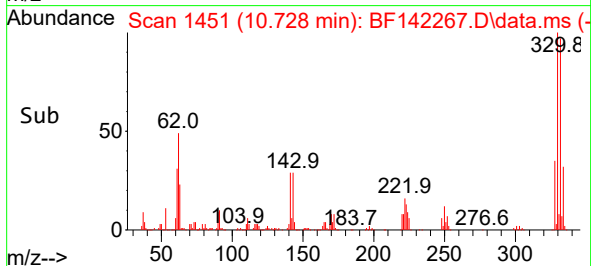
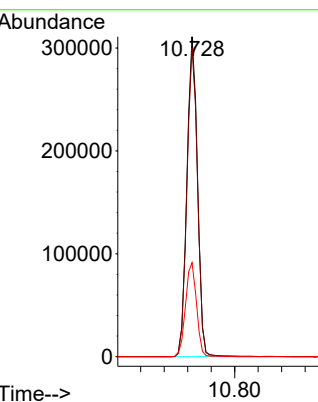
Tgt Ion:330 Resp: 387463

Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 30.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 79.995 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

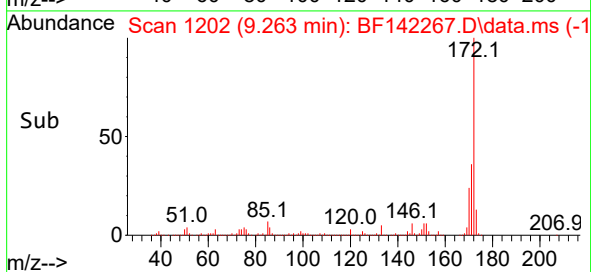
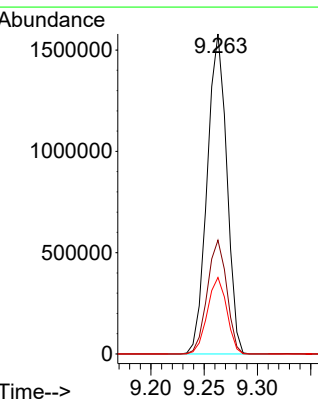
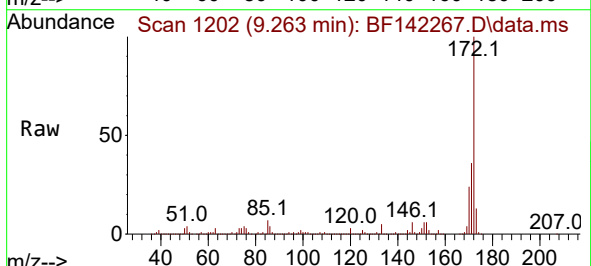
Tgt Ion:172 Resp: 2015860

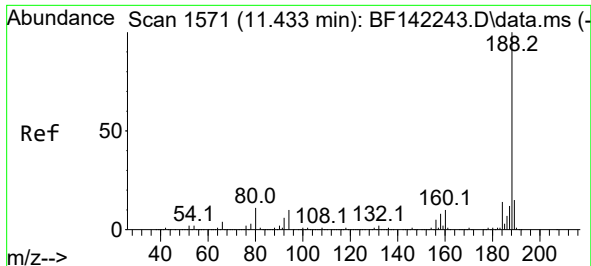
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

170 23.9 19.4 29.0

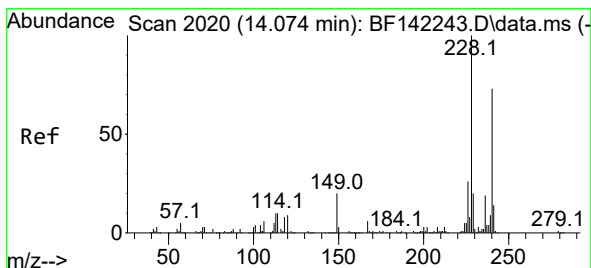
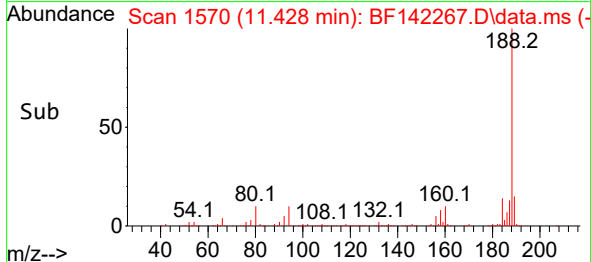
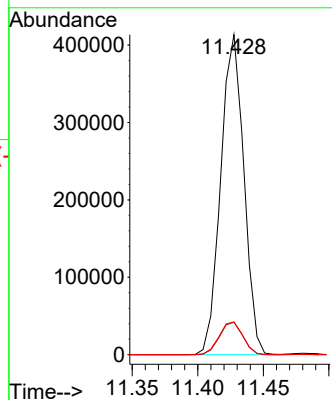
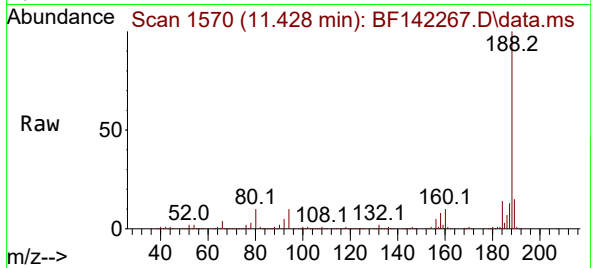




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

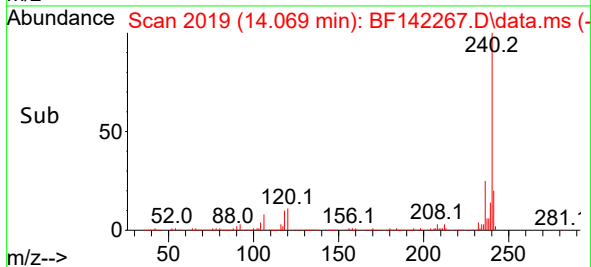
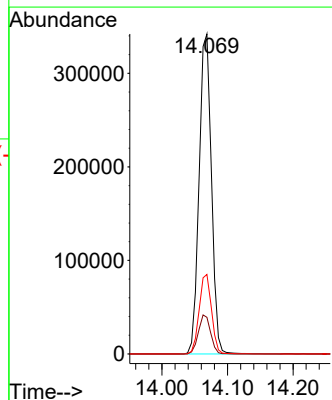
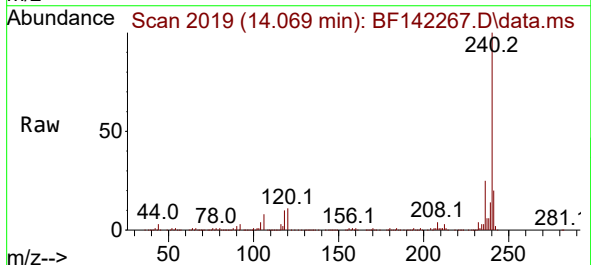
Instrument :
BNA_F
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FB04262025

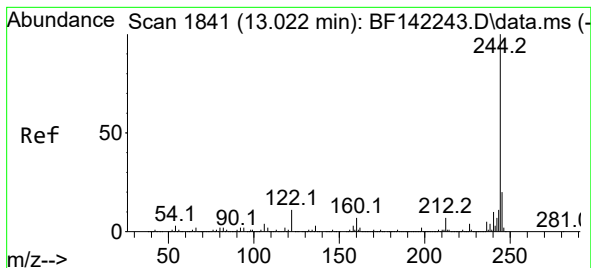
Tgt Ion:188 Resp: 506536
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion:240 Resp: 447799
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 59.132 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Instrument :

BNA_F

ClientSampleId :

FB04262025

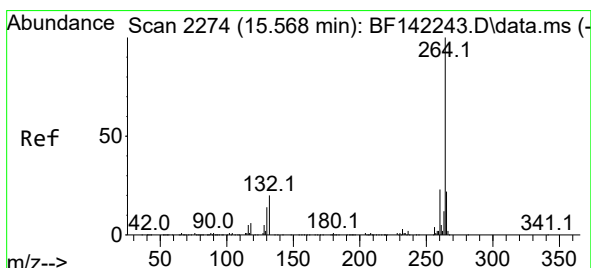
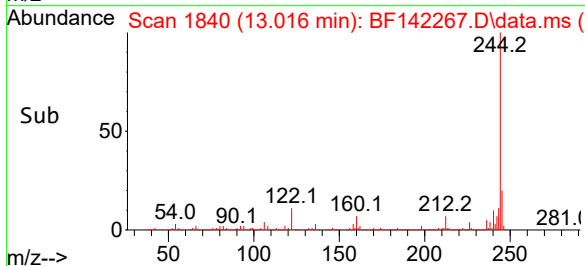
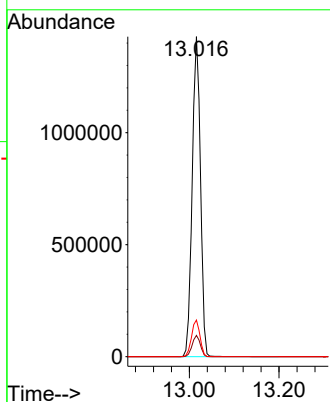
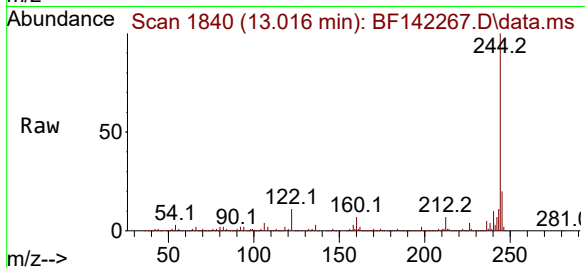
Tgt Ion:244 Resp: 1820619

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.5 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Tgt Ion:264 Resp: 425092

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.5 17.3 25.9

