

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142271.D
 Acq On : 01 May 2025 20:20
 Operator : RC/JU
 Sample : Q1901-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB02

Quant Time: May 02 01:09:36 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	201306	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	748548	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	358843	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	508457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	449365	20.000	ng	0.00
86) Perylene-d12	15.557	264	455676	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1499481	118.961	ng	0.00
7) Phenol-d6	6.522	99	1822753	119.751	ng	0.00
23) Nitrobenzene-d5	7.463	82	1039957	91.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	399389	122.087	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1870790	73.507	ng	0.00
79) Terphenyl-d14	13.016	244	1540049	49.845	ng	0.00

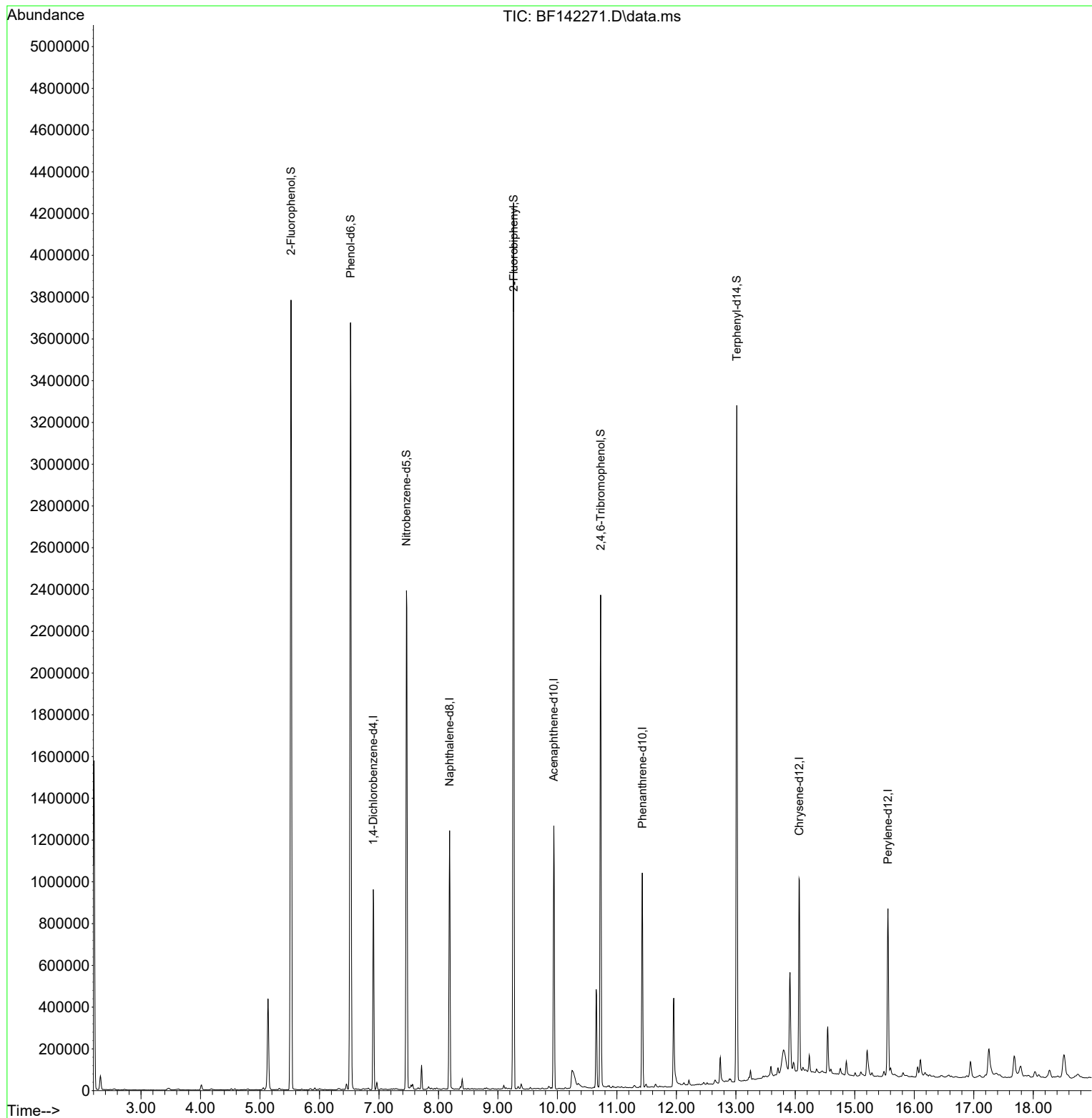
Target Compounds	Qvalue

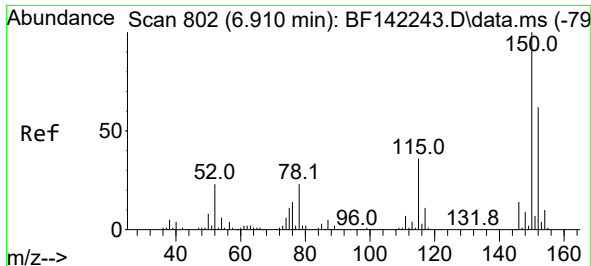
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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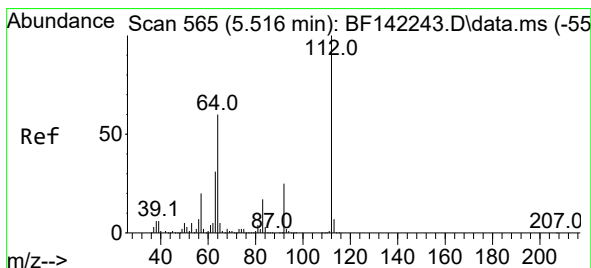
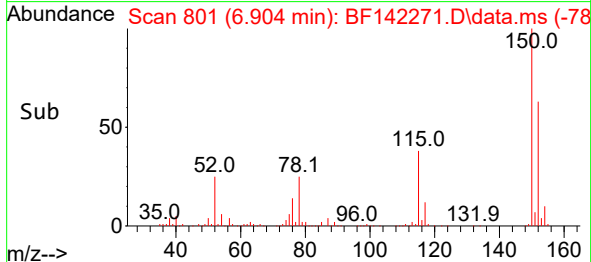
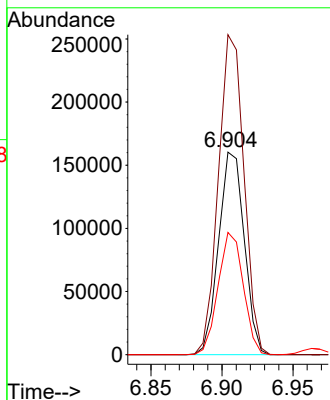
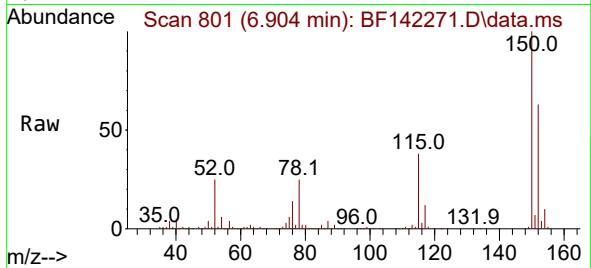




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

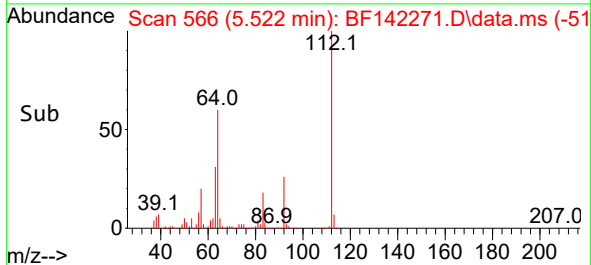
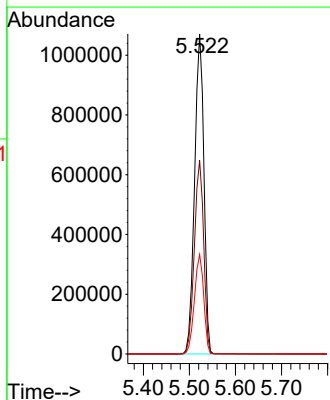
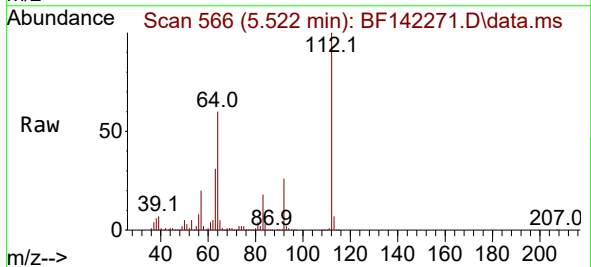
Instrument :
BNA_F
ClientSampleId :
B-167-SB02

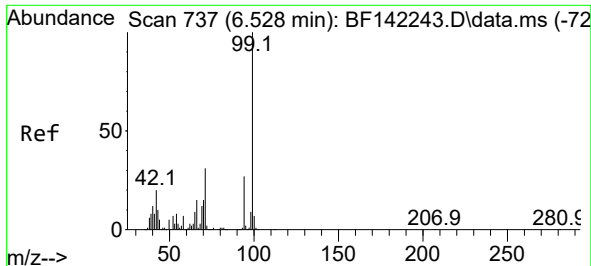
Tgt Ion:152 Resp: 201306
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 60.3 47.0 70.4



#5
2-Fluorophenol
Concen: 118.961 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

Tgt Ion:112 Resp: 1499481
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.0 24.8 37.2

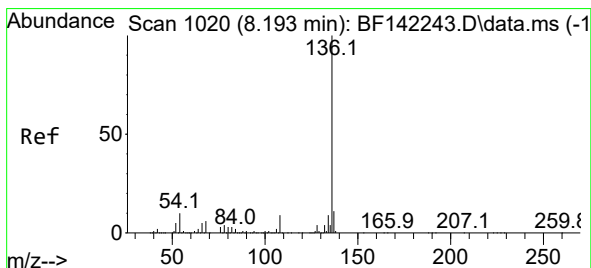
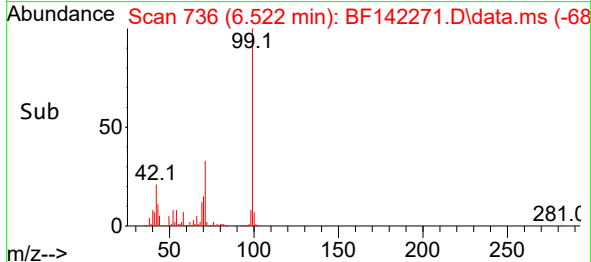
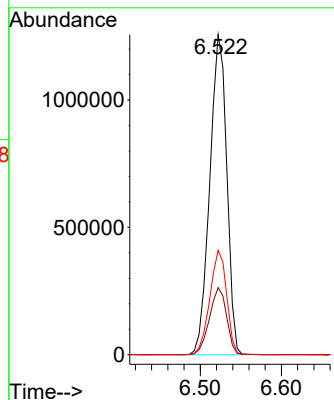
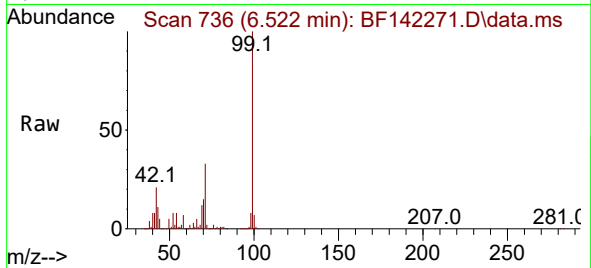




#7
Phenol-d6
Concen: 119.751 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

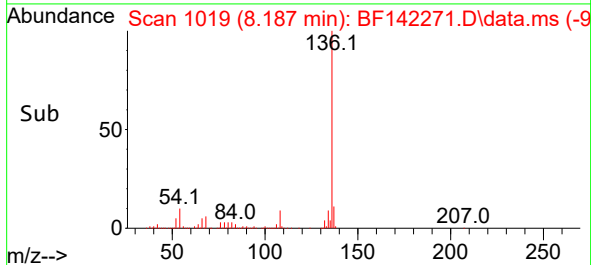
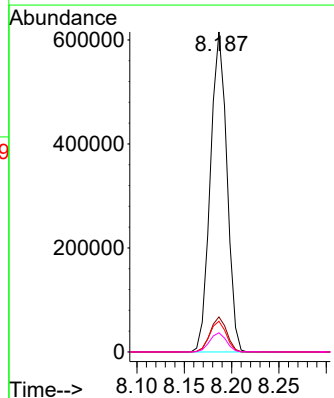
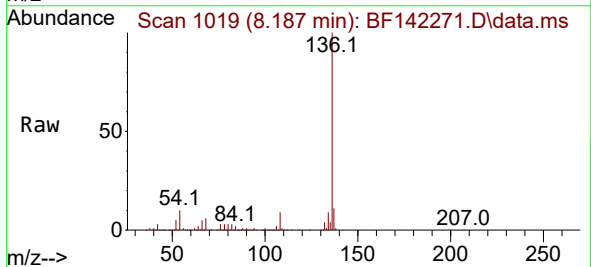
Instrument :
BNA_F
ClientSampleId :
B-167-SB02

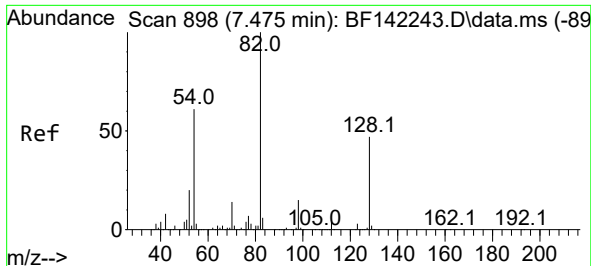
Tgt Ion: 99 Resp: 1822753
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

Tgt Ion: 136 Resp: 748548
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.6 7.7 11.5
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.273 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142271.D

Acq: 01 May 2025 20:20

Instrument :

BNA_F

ClientSampleId :

B-167-SB02

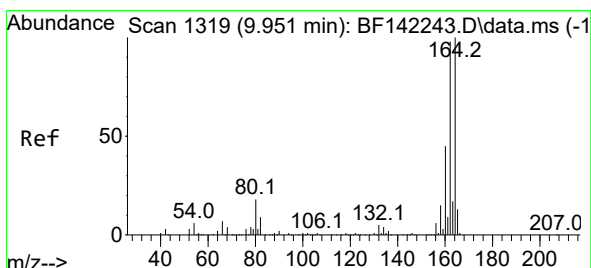
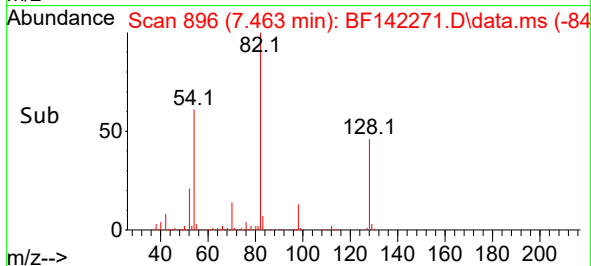
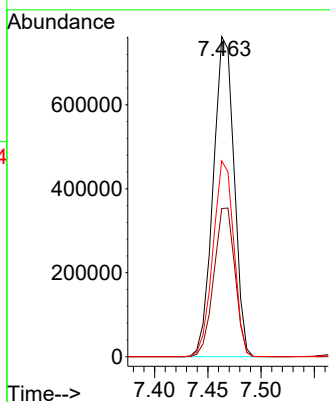
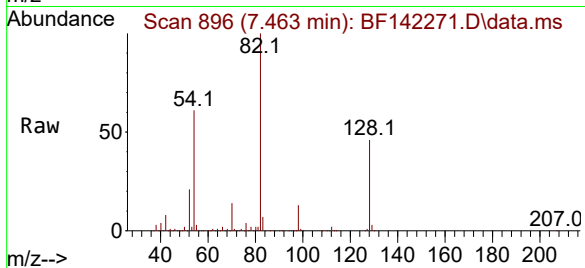
Tgt Ion: 82 Resp: 1039957

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

54 61.2 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: BF142271.D

Acq: 01 May 2025 20:20

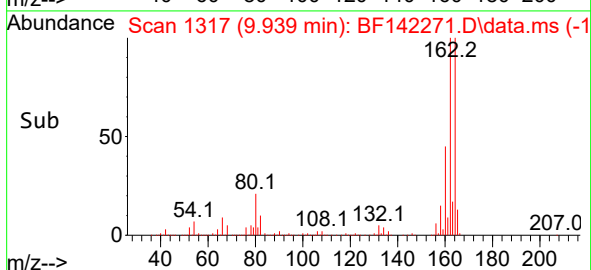
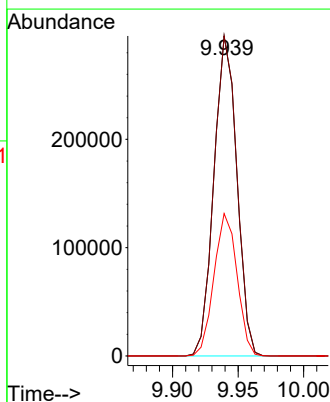
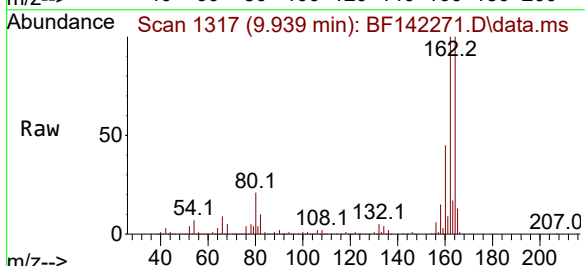
Tgt Ion:164 Resp: 358843

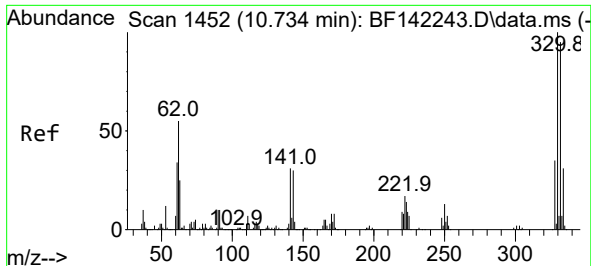
Ion Ratio Lower Upper

164 100

162 99.9 78.6 117.8

160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 122.087 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142271.D

Acq: 01 May 2025 20:20

Instrument :

BNA_F

ClientSampleId :

B-167-SB02

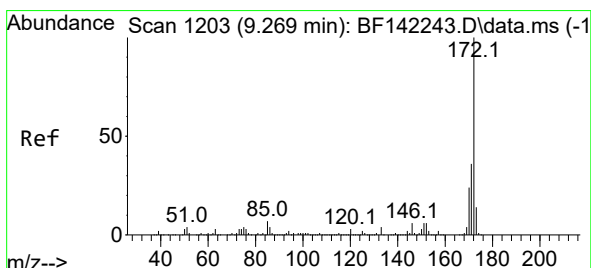
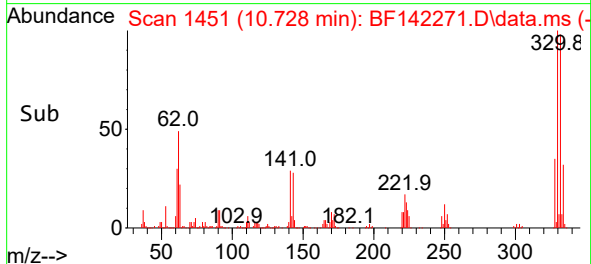
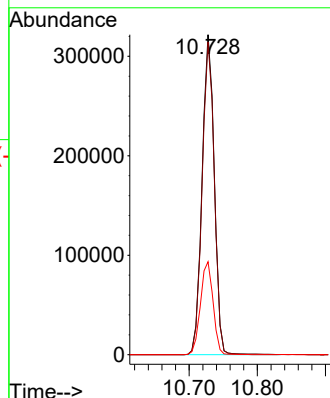
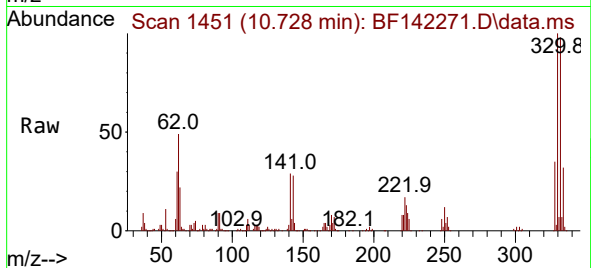
Tgt Ion:330 Resp: 399389

Ion Ratio Lower Upper

330 100

332 97.5 76.5 114.7

141 30.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 73.507 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142271.D

Acq: 01 May 2025 20:20

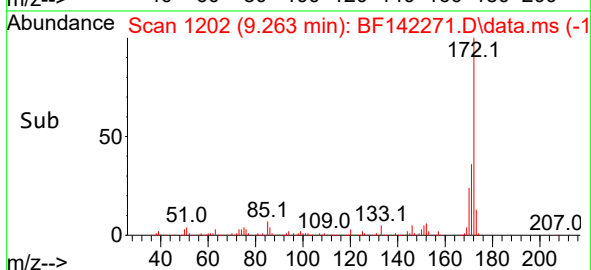
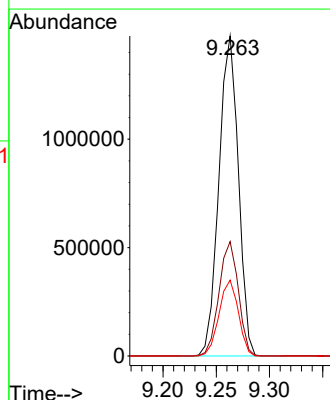
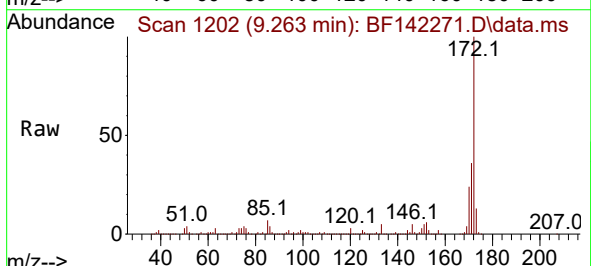
Tgt Ion:172 Resp: 1870790

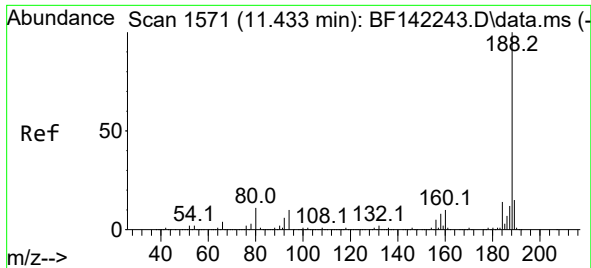
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.7 19.4 29.0

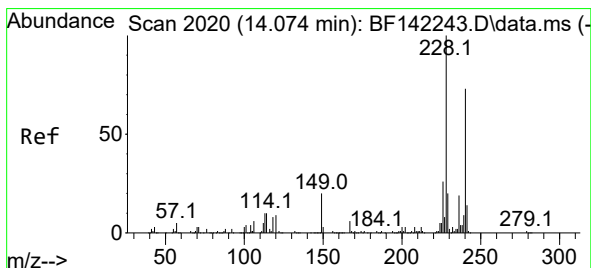
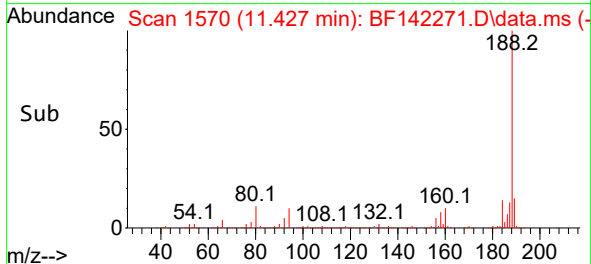
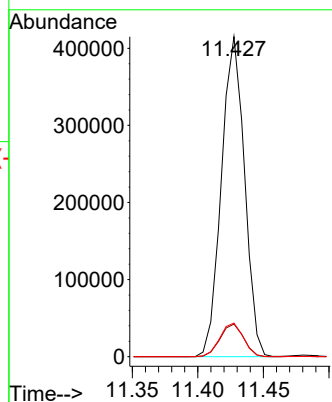
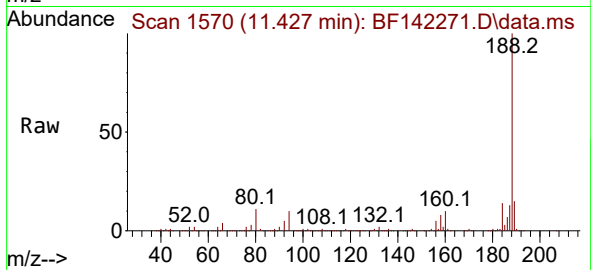




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

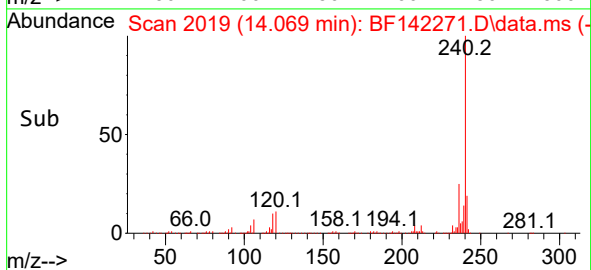
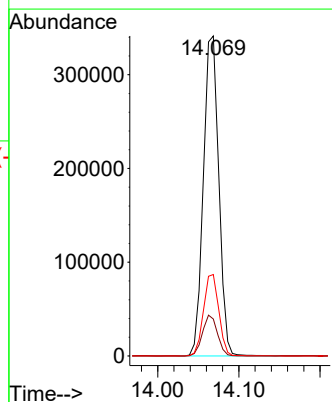
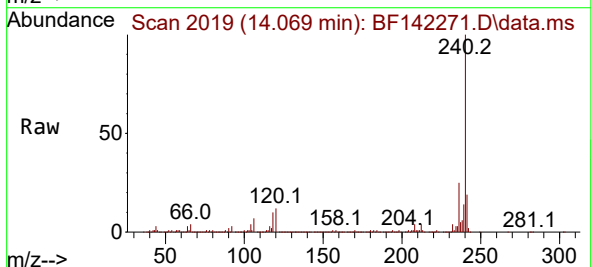
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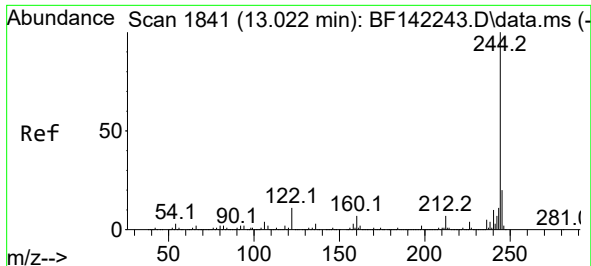
Tgt Ion:188 Resp: 508457
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142271.D
Acq: 01 May 2025 20:20

Tgt Ion:240 Resp: 449365
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 25.5 20.5 30.7

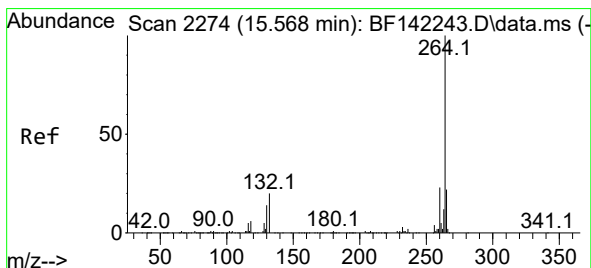
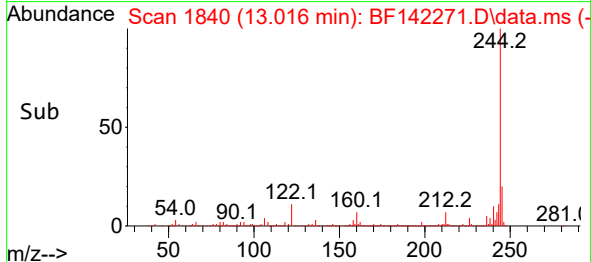
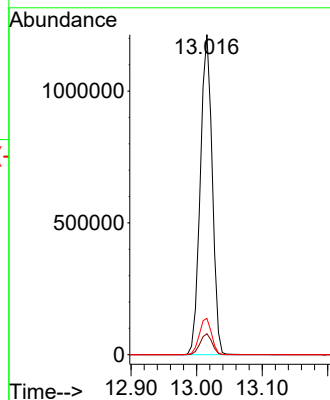
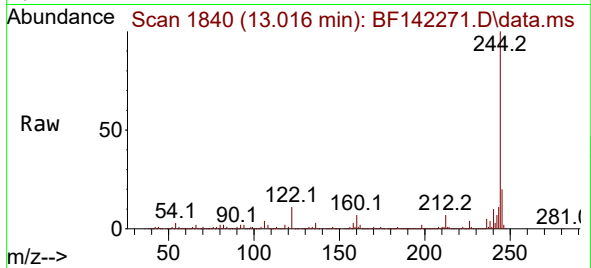




#79
 Terphenyl-d14
 Concen: 49.845 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142271.D
 Acq: 01 May 2025 20:20

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB02

Tgt Ion:244 Resp: 1540049
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.3 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: BF142271.D
 Acq: 01 May 2025 20:20

Tgt Ion:264 Resp: 455676
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.7 17.3 25.9

