

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142424.D
 Acq On : 16 May 2025 13:48
 Operator : RC/JU
 Sample : Q2048-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-4

Quant Time: May 16 14:08:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	115378	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441576	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	243538	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	470827	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	439535	20.000	ng	0.00
86) Perylene-d12	15.557	264	421568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	412323	61.005	ng	0.00
7) Phenol-d6	6.516	99	554724	66.731	ng	0.00
23) Nitrobenzene-d5	7.457	82	318452	43.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	199798	84.973	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	750904	43.964	ng	0.00
79) Terphenyl-d14	13.010	244	1048498	35.307	ng	0.00

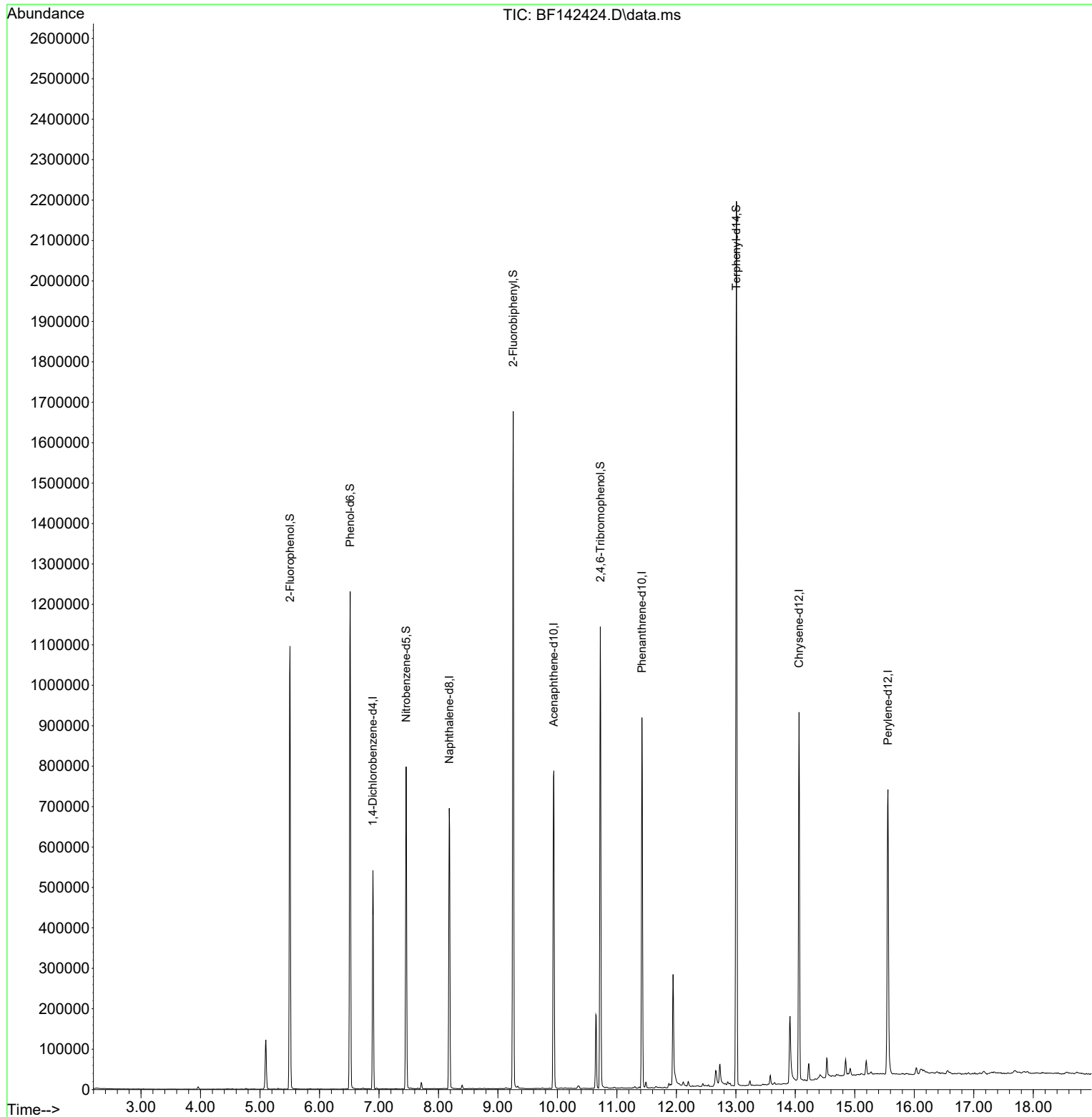
Target Compounds	Qvalue

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

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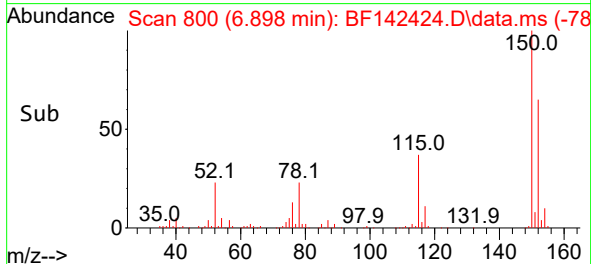
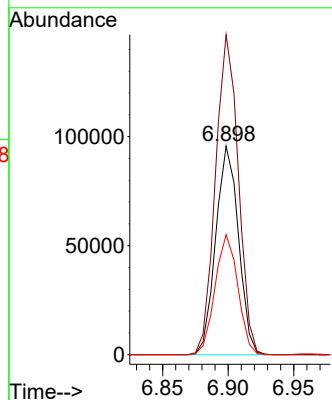
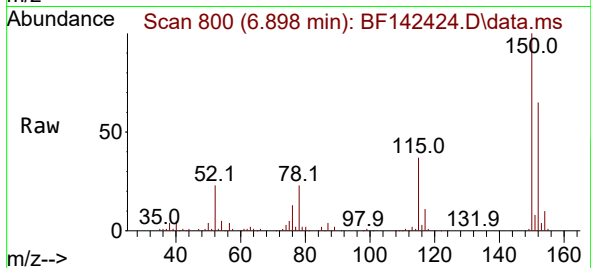




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

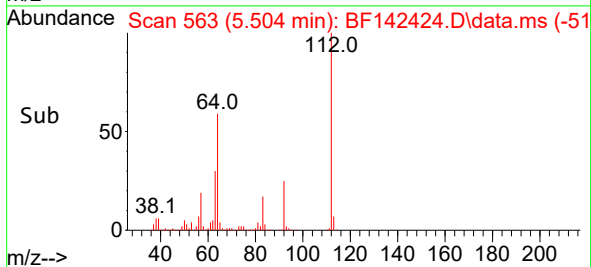
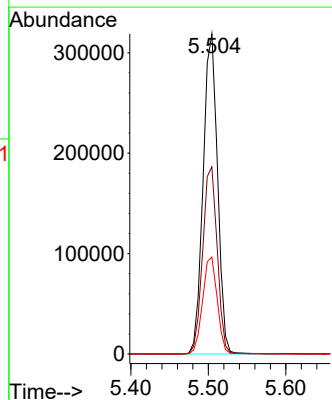
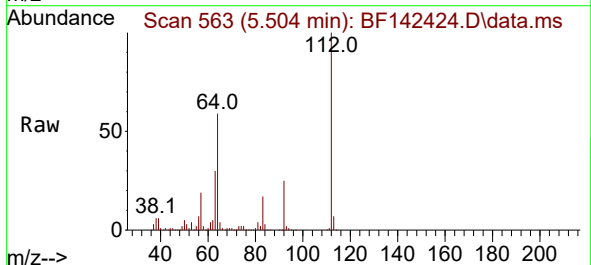
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

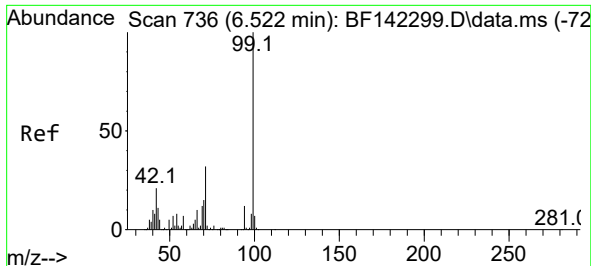
Tgt Ion:152 Resp: 115378
Ion Ratio Lower Upper
152 100
150 153.5 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 61.005 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:112 Resp: 412323
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.3 25.6 38.4

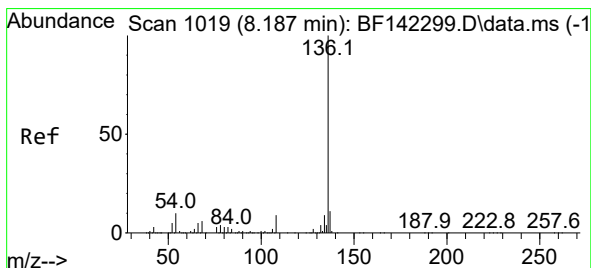
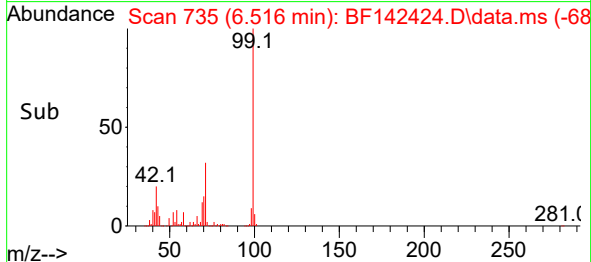
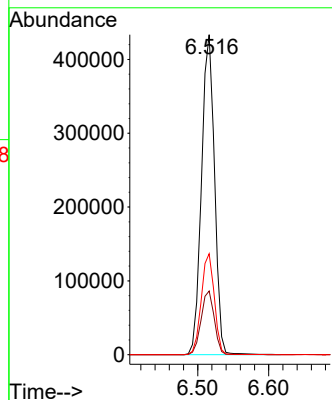
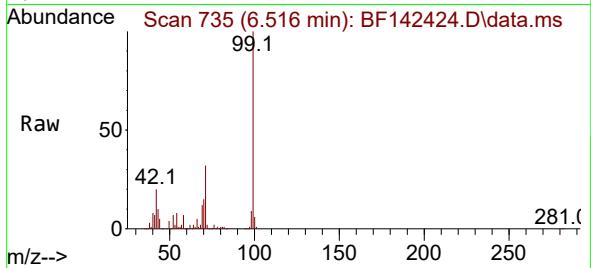




#7
Phenol-d6
Concen: 66.731 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

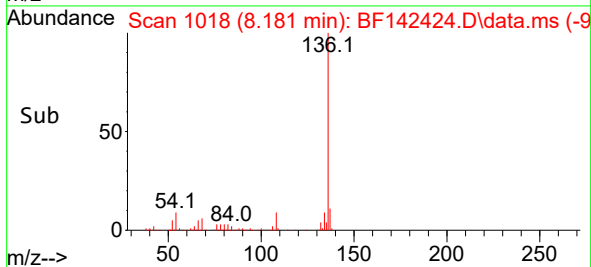
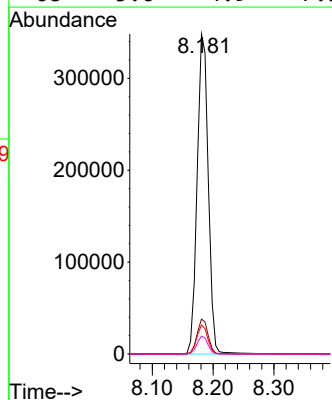
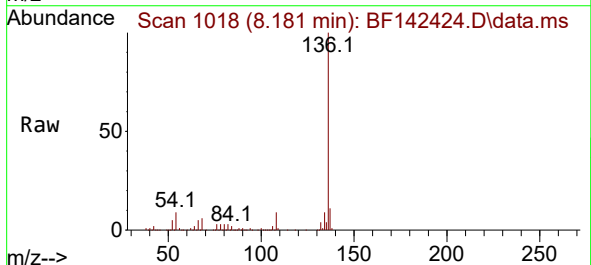
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

Tgt Ion: 99 Resp: 554724
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 31.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion: 136 Resp: 441576
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.0 7.7 11.5
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 43.982 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

Instrument :

BNA_F

ClientSampleId :

L2-WC-4

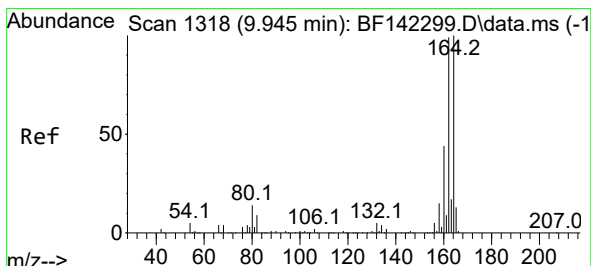
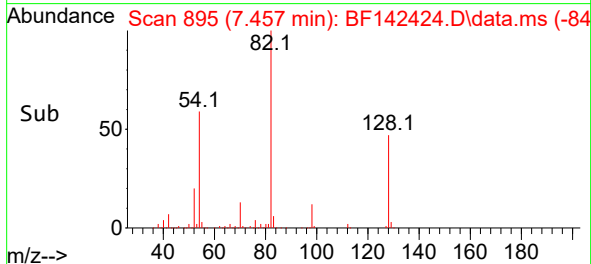
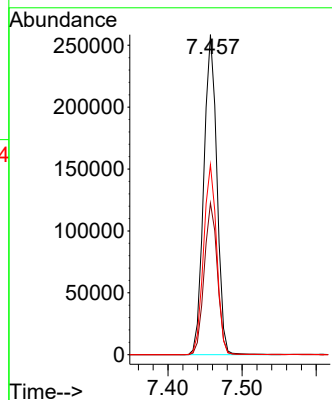
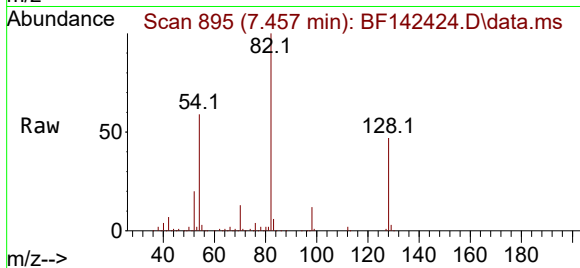
Tgt Ion: 82 Resp: 318452

Ion Ratio Lower Upper

82 100

128 47.4 37.0 55.6

54 59.3 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

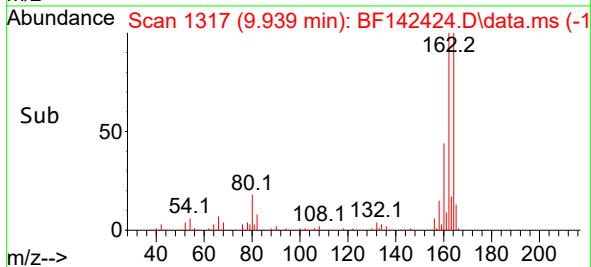
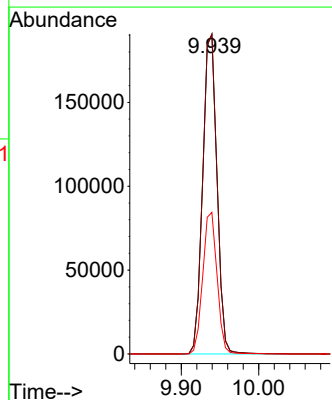
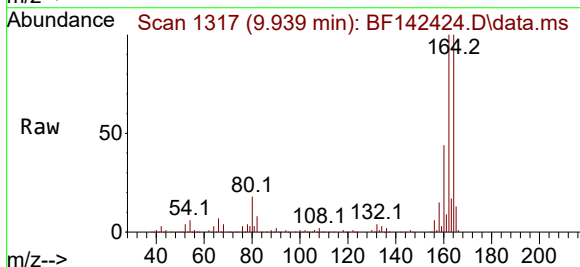
Tgt Ion:164 Resp: 243538

Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 44.3 35.3 52.9

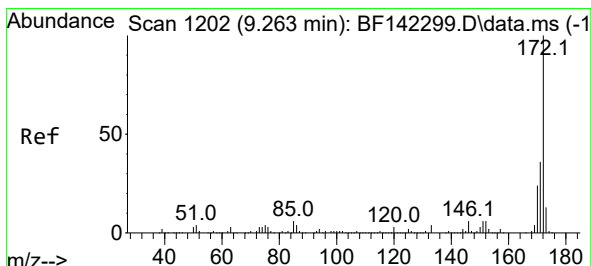
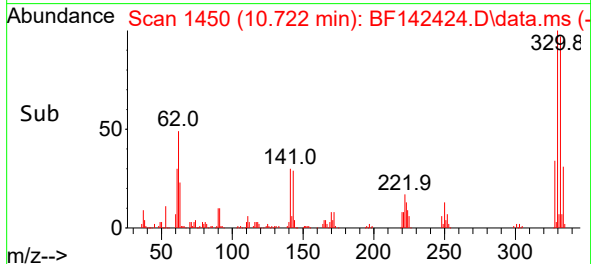
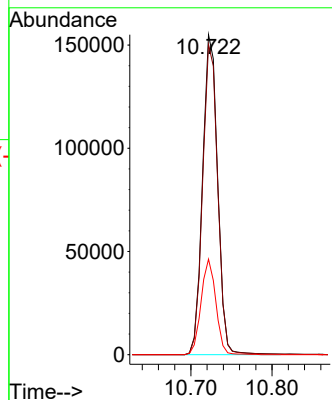
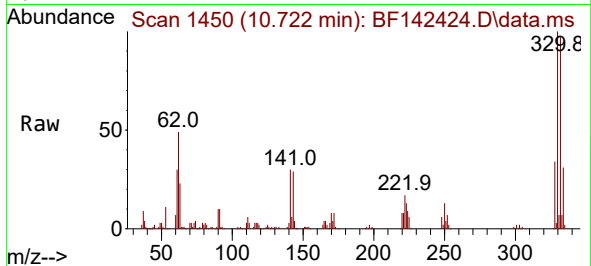




#42
2,4,6-Tribromophenol
Concen: 84.973 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

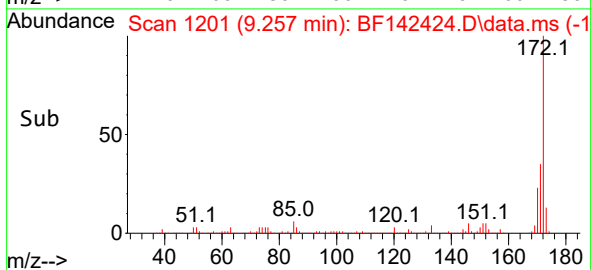
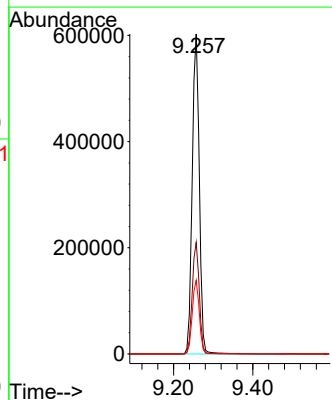
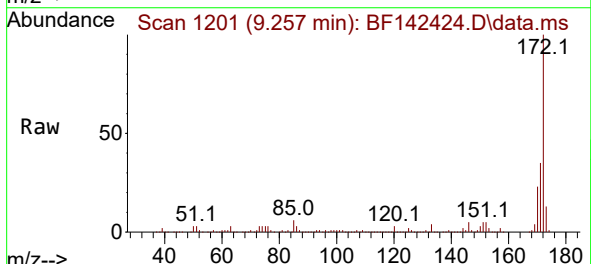
Instrument :
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L2-WC-4

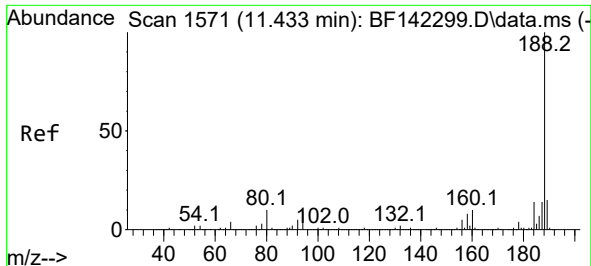
Tgt Ion:330 Resp: 199798
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 29.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 43.964 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:172 Resp: 750904
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 19.0 28.4

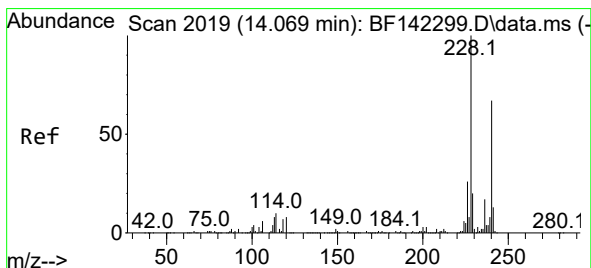
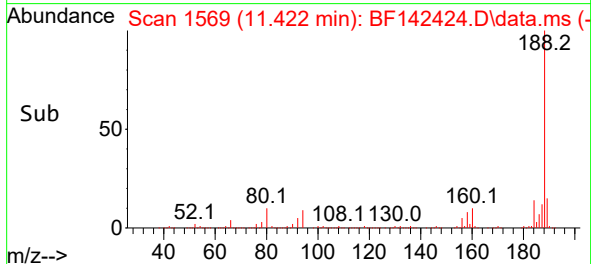
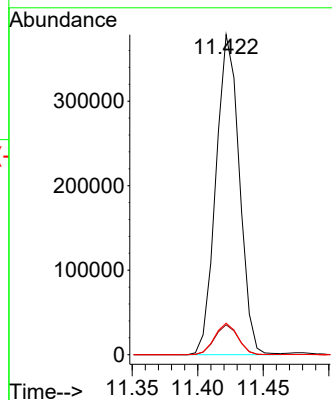
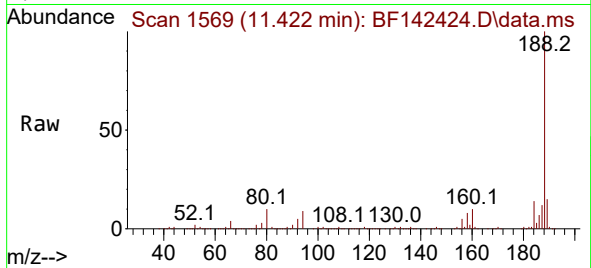




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

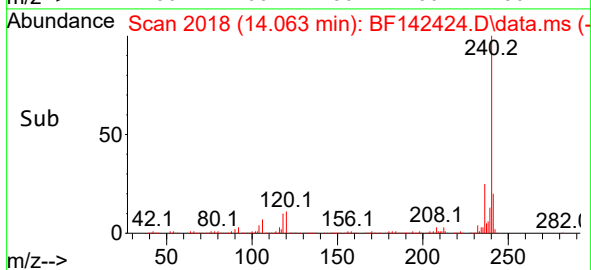
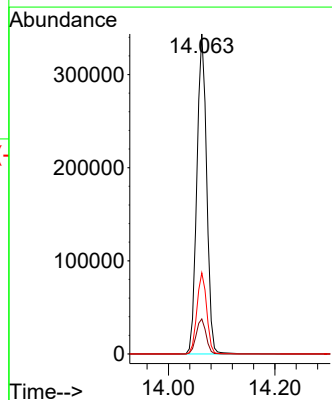
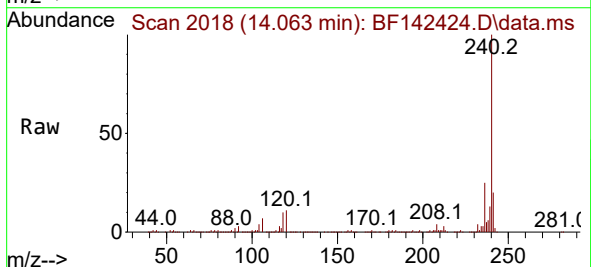
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

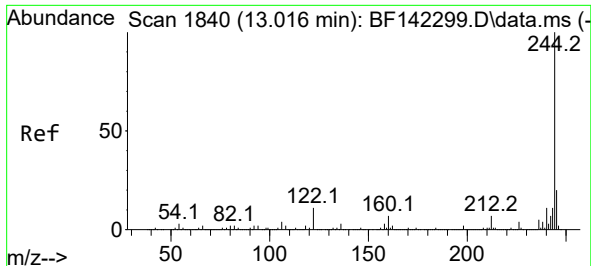
Tgt Ion:188 Resp: 470827
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:240 Resp: 439535
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.4 20.0 30.0

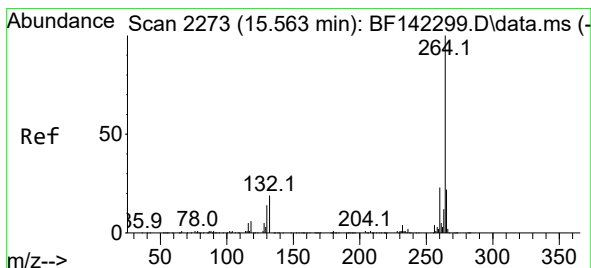
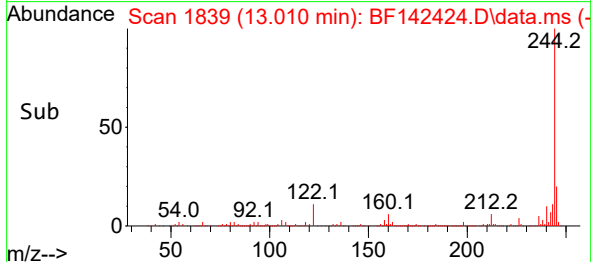
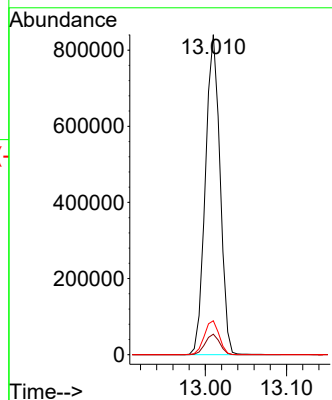
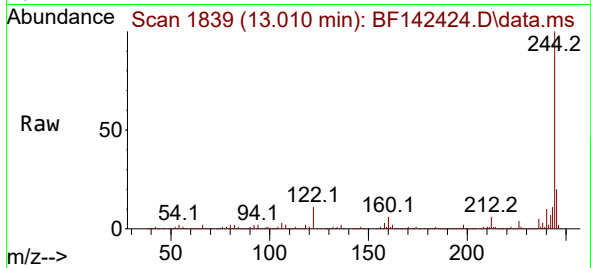




#79
 Terphenyl-d14
 Concen: 35.307 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142424.D
 Acq: 16 May 2025 13:48

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-4

Tgt Ion:244 Resp: 1048498
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142424.D
 Acq: 16 May 2025 13:48

Tgt Ion:264 Resp: 421568
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.0 17.5 26.3

