

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142423.D
 Acq On : 16 May 2025 13:19
 Operator : RC/JU
 Sample : Q2048-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-1

Quant Time: May 16 13:45:36 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	79507	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	300597	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	154979	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	266583	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	215522	20.000	ng	0.00
86) Perylene-d12	15.551	264	211844	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	355926	76.420	ng	0.00
7) Phenol-d6	6.516	99	474108	82.765	ng	0.00
23) Nitrobenzene-d5	7.457	82	232804	47.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	129588	86.606	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	523245	48.141	ng	0.00
79) Terphenyl-d14	13.010	244	617722	42.422	ng	0.00

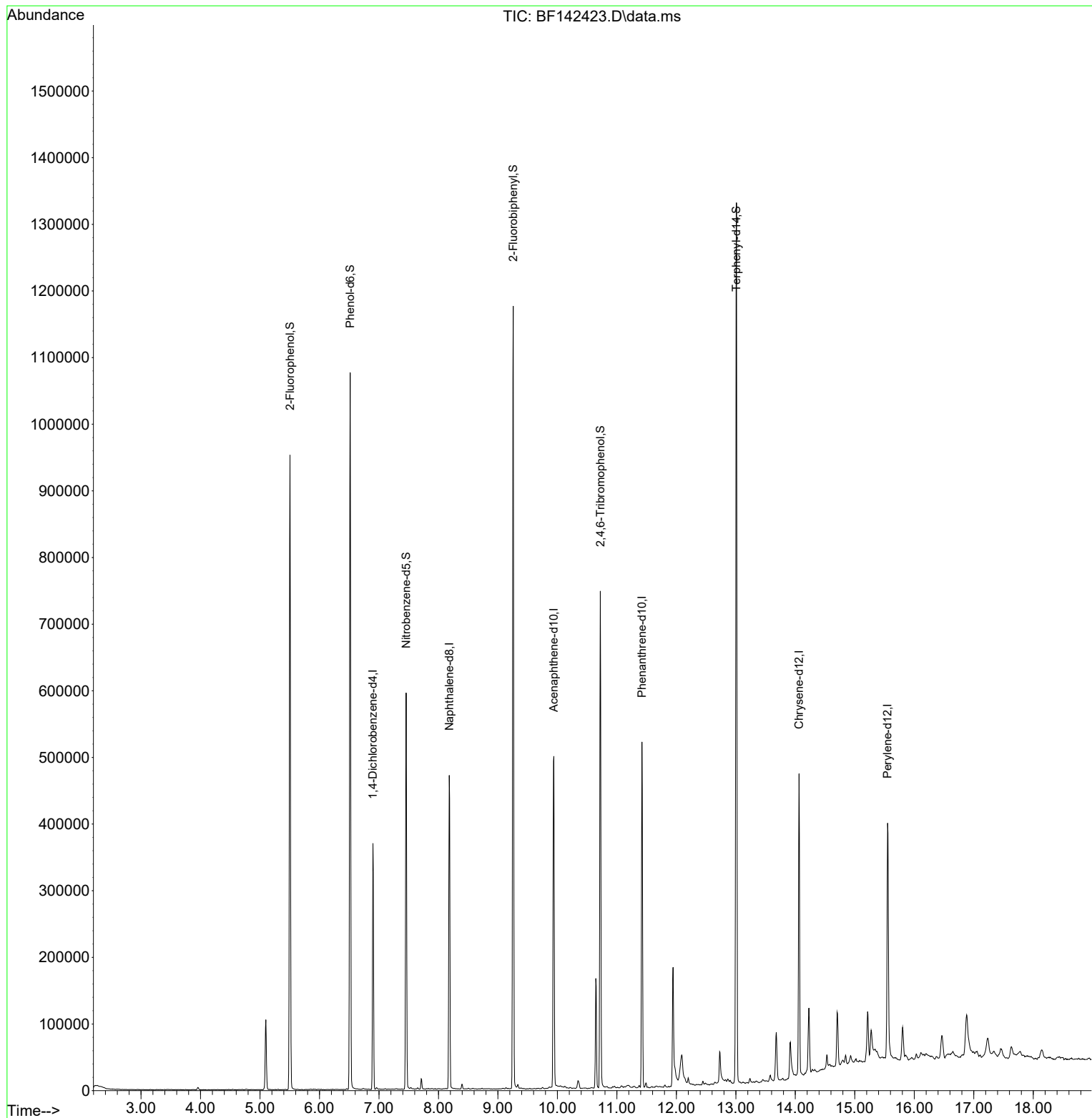
Target Compounds	Qvalue

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

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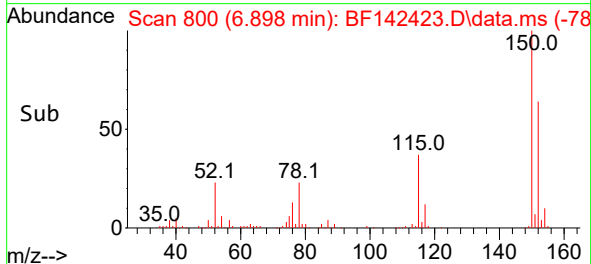
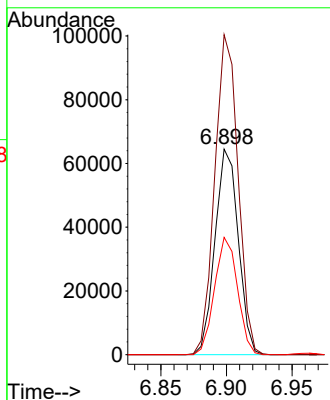
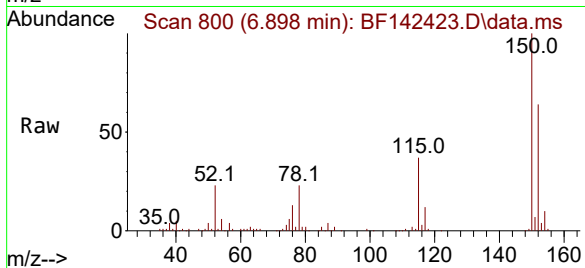




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

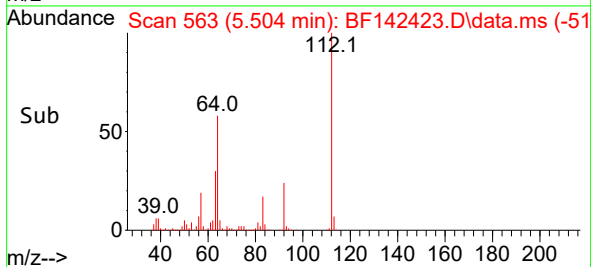
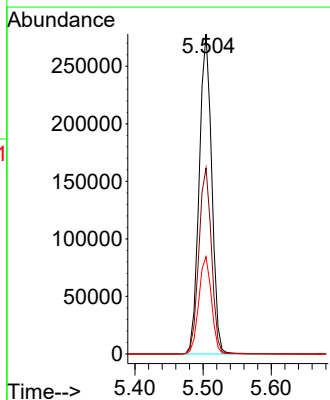
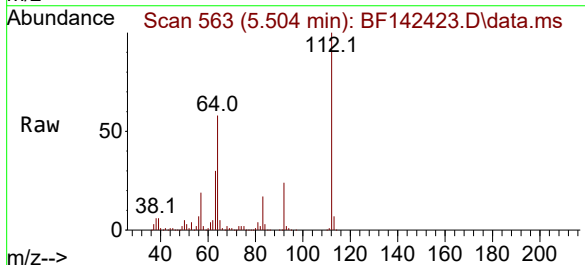
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

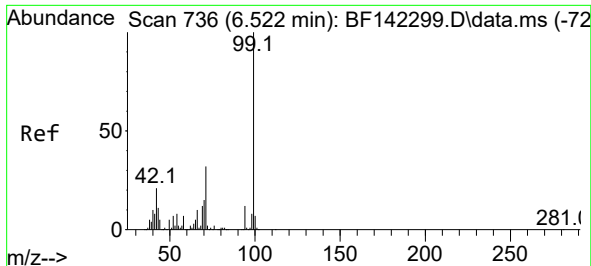
Tgt Ion:152 Resp: 79507
Ion Ratio Lower Upper
152 100
150 155.6 126.6 190.0
115 57.0 47.3 70.9



#5
2-Fluorophenol
Concen: 76.420 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:112 Resp: 355926
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.4 25.6 38.4

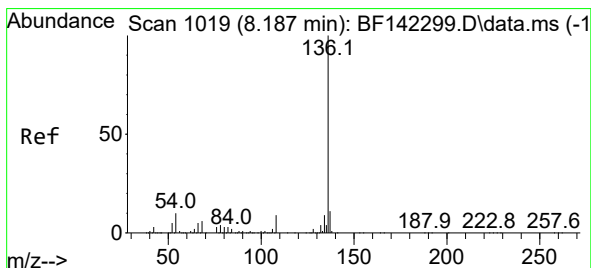
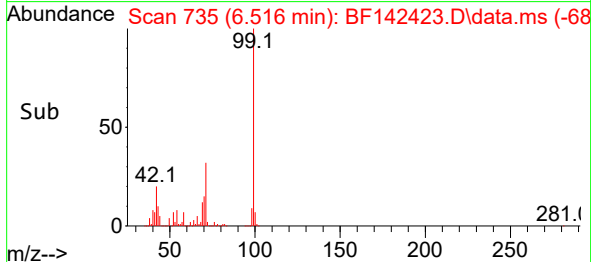
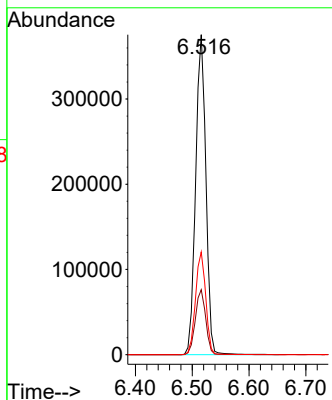
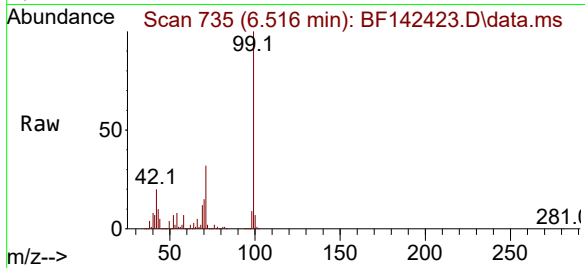




#7
Phenol-d6
Concen: 82.765 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

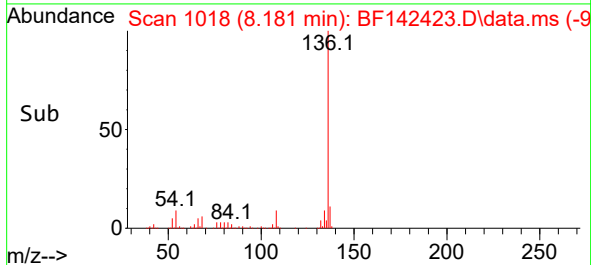
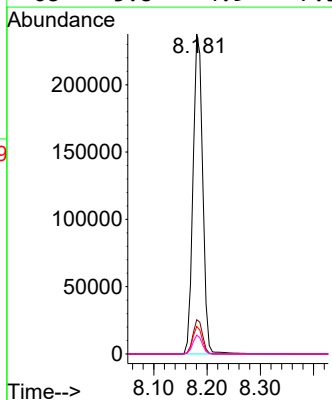
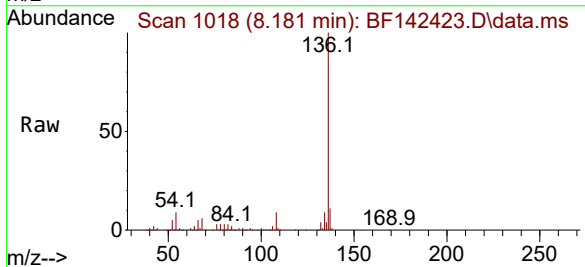
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

Tgt Ion: 99 Resp: 474108
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.1 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: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion: 136 Resp: 300597
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.6 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 47.233 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

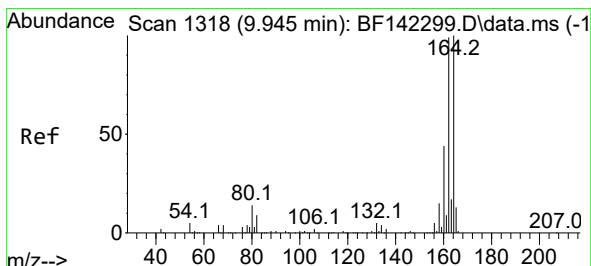
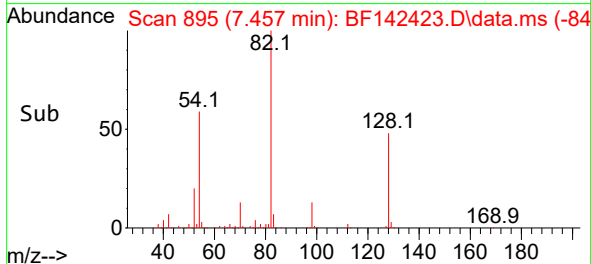
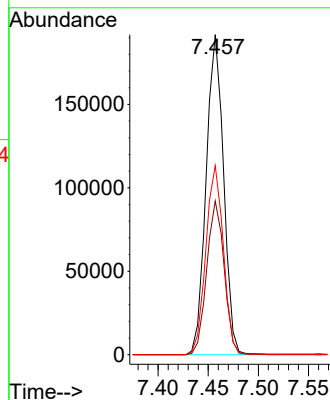
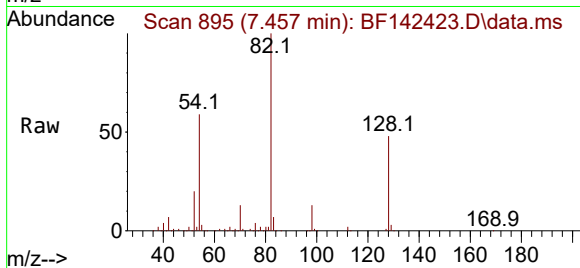
Tgt Ion: 82 Resp: 232804

Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 59.1 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: BF142423.D

Acq: 16 May 2025 13:19

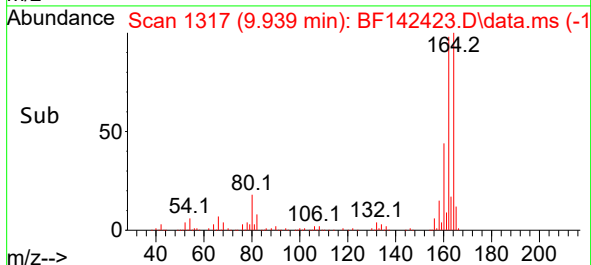
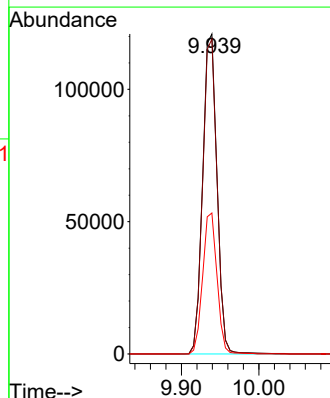
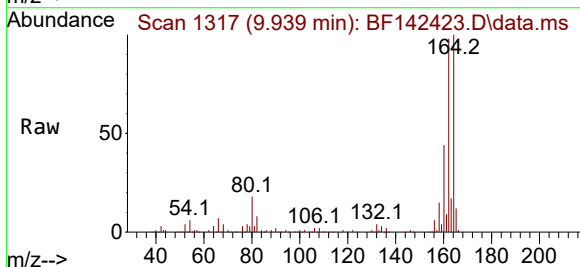
Tgt Ion:164 Resp: 154979

Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

160 44.1 35.3 52.9

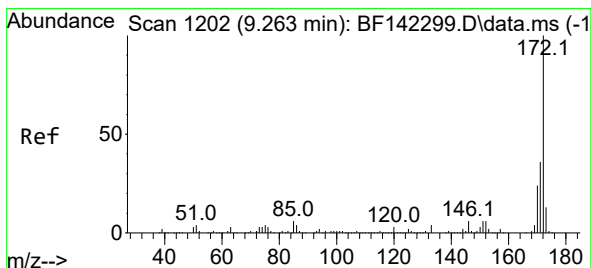
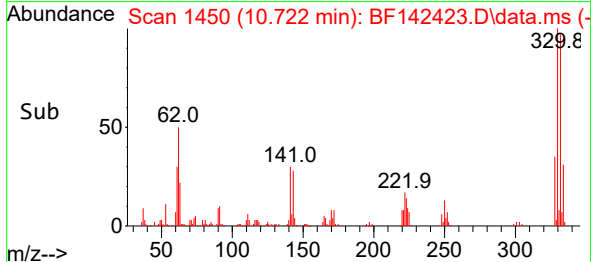
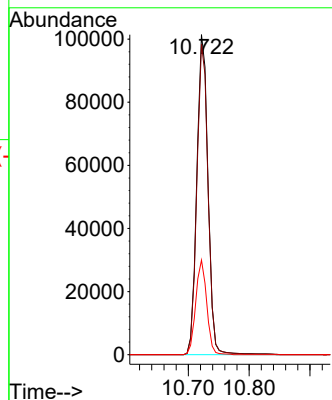
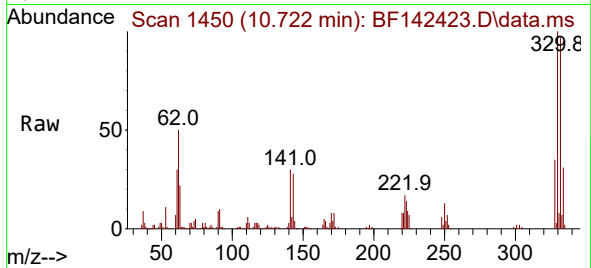




#42
2,4,6-Tribromophenol
Concen: 86.606 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

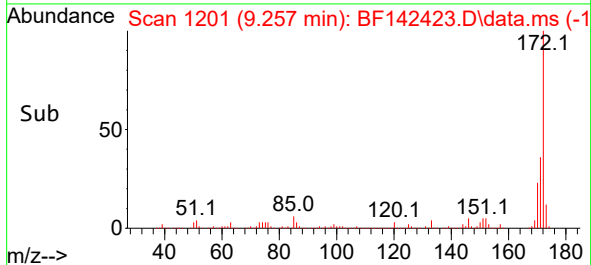
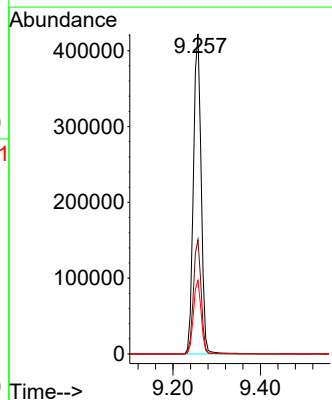
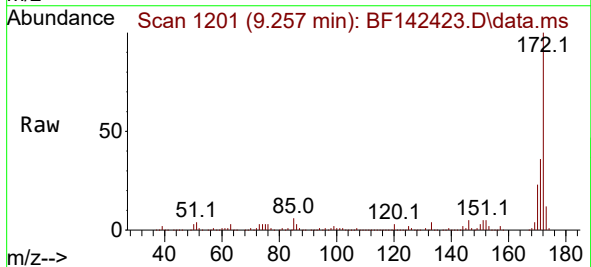
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

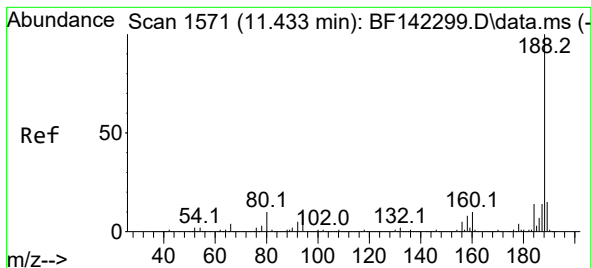
Tgt Ion:330 Resp: 129588
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 28.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 48.141 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:172 Resp: 523245
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 22.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

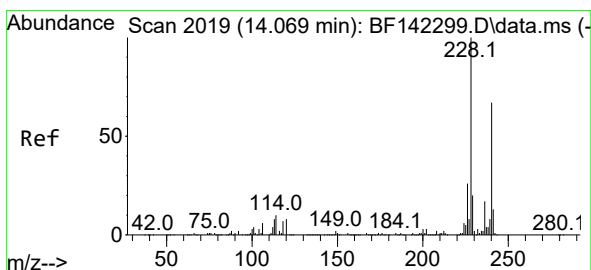
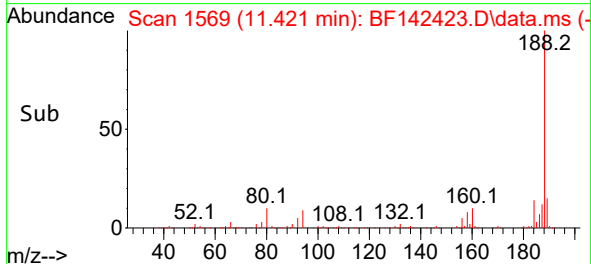
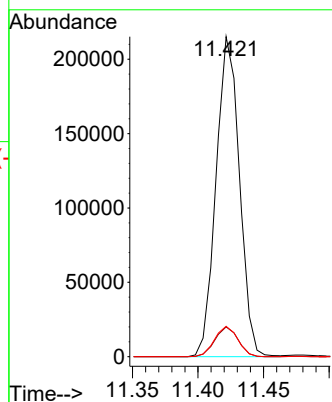
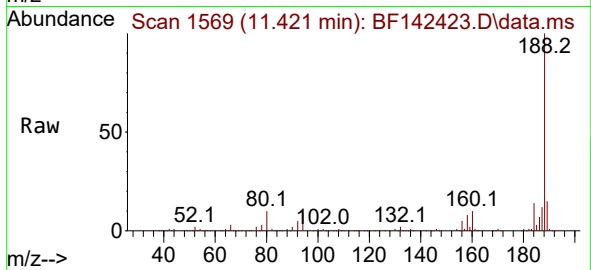
Tgt Ion:188 Resp: 266583

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

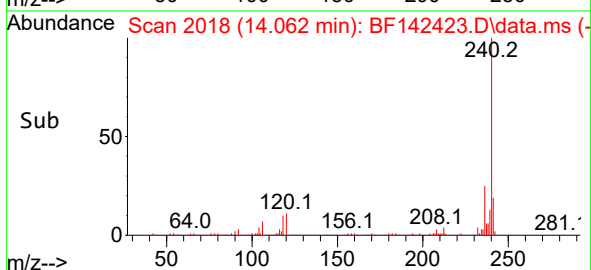
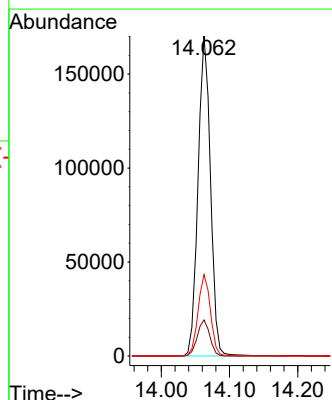
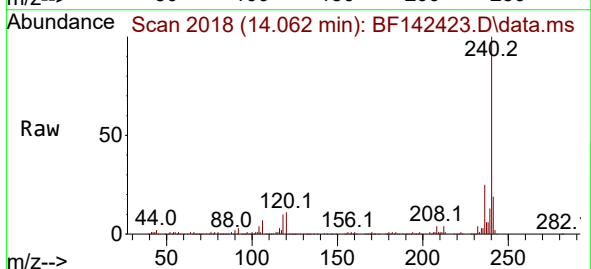
Tgt Ion:240 Resp: 215522

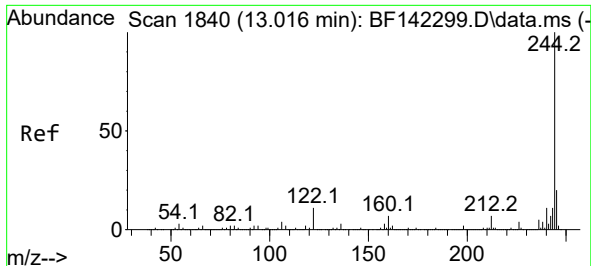
Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 25.5 20.0 30.0

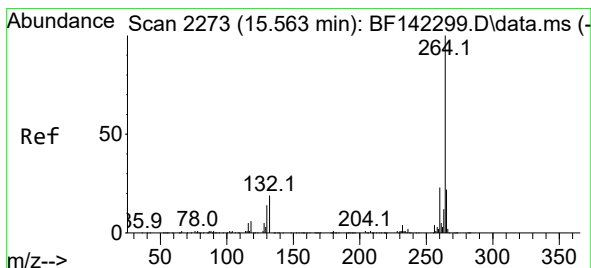
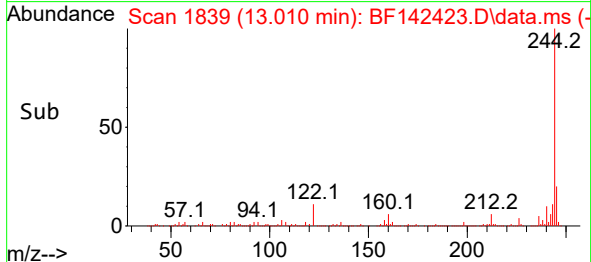
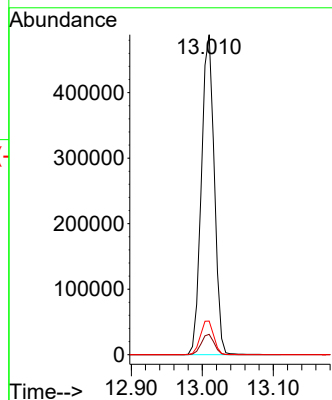
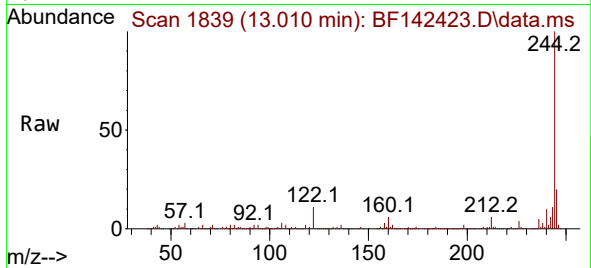




#79
 Terphenyl-d14
 Concen: 42.422 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142423.D
 Acq: 16 May 2025 13:19

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-1

Tgt Ion:244 Resp: 617722
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142423.D
 Acq: 16 May 2025 13:19

Tgt Ion:264 Resp: 211844
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.1 17.5 26.3

