

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142740.D
 Acq On : 11 Jun 2025 17:49
 Operator : RC/JU
 Sample : Q2273-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 12 01:46:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	58756	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	217717	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	110628	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	173298	20.000	ng	0.00
76) Chrysene-d12	14.063	240	132604	20.000	ng	0.00
86) Perylene-d12	15.557	264	153019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	429938	124.625	ng	0.00
7) Phenol-d6	6.516	99	507230	124.934	ng	0.00
23) Nitrobenzene-d5	7.451	82	314960	79.172	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	148073	122.125	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	624517	75.000	ng	0.00
79) Terphenyl-d14	13.010	244	550467	57.014	ng	0.00

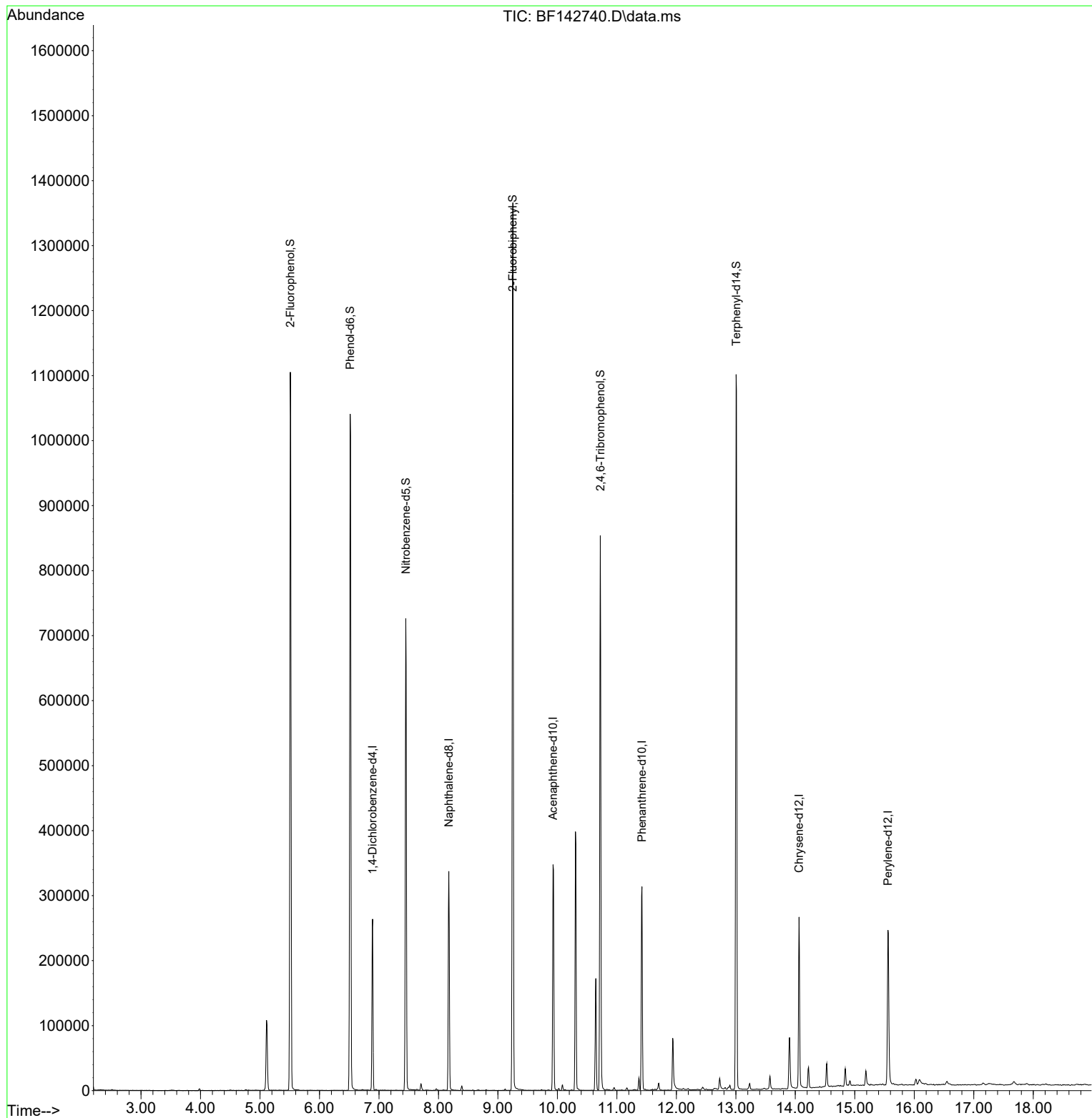
Target Compounds	Qvalue

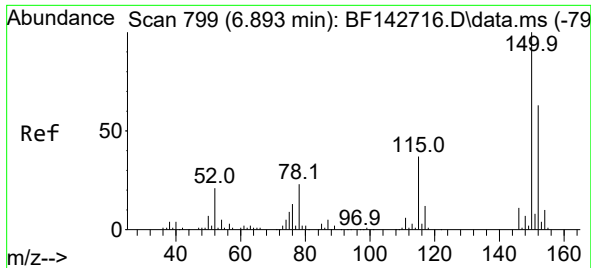
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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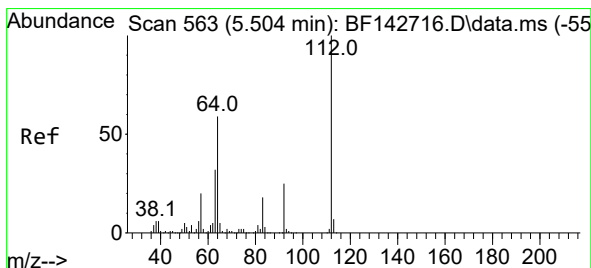
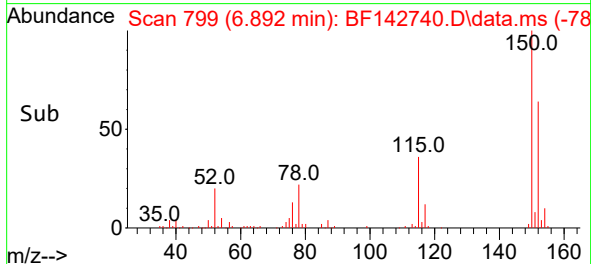
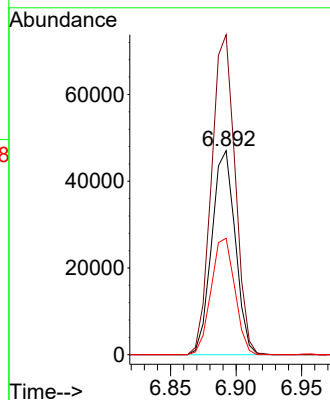
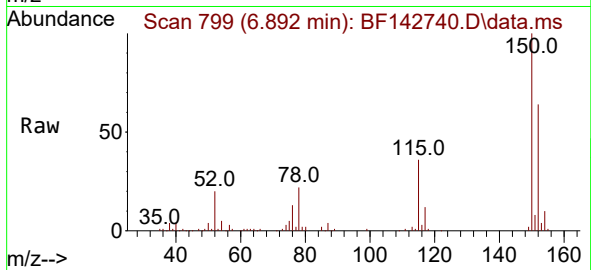




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

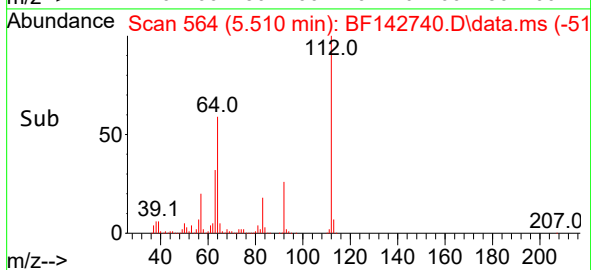
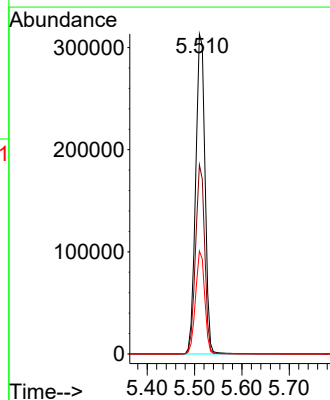
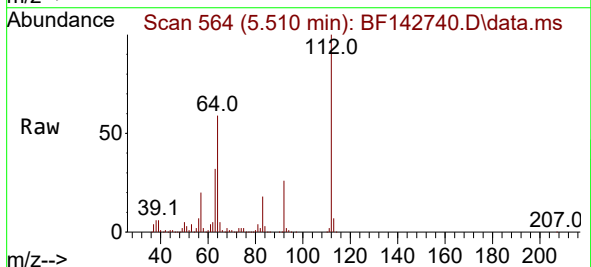
Instrument :
BNA_F
ClientSampleId :
WC-4

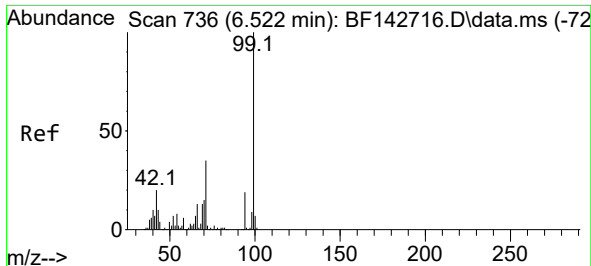
Tgt Ion:152 Resp: 58756
Ion Ratio Lower Upper
152 100
150 156.9 126.9 190.3
115 57.1 47.0 70.6



#5
2-Fluorophenol
Concen: 124.625 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

Tgt Ion:112 Resp: 429938
Ion Ratio Lower Upper
112 100
64 59.1 47.4 71.2
63 32.2 25.4 38.0

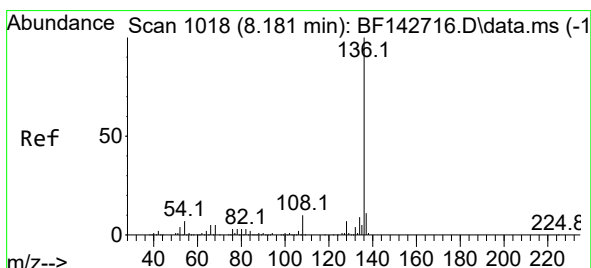
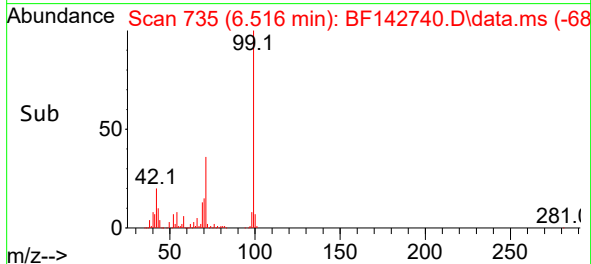
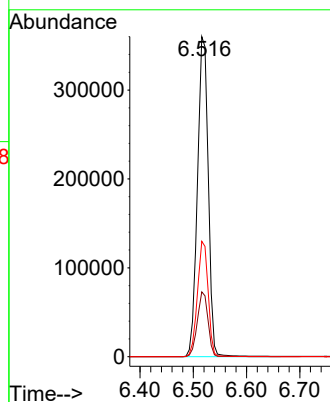
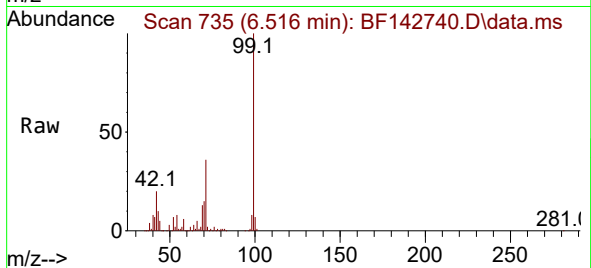




#7
Phenol-d6
Concen: 124.934 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

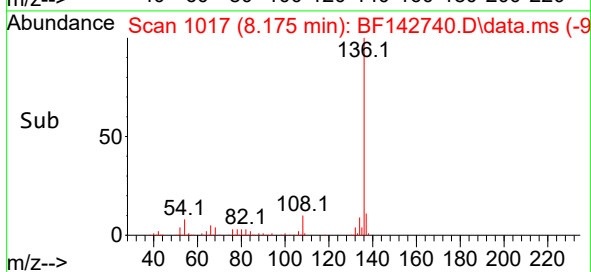
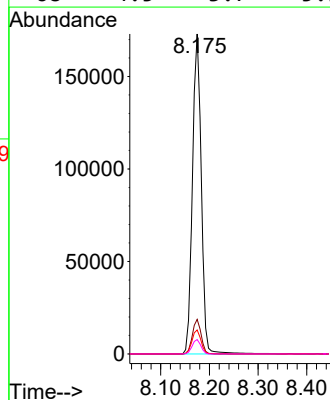
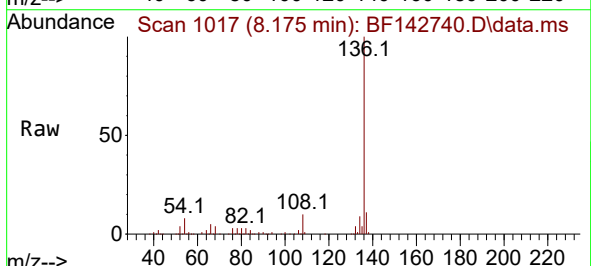
Instrument :
BNA_F
ClientSampleId :
WC-4

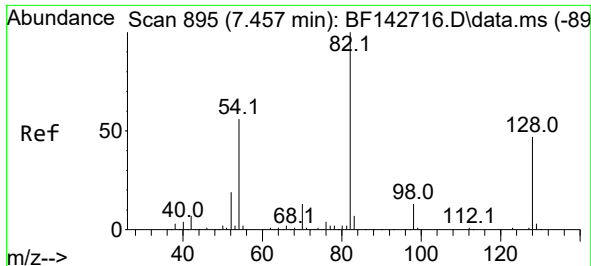
Tgt Ion: 99 Resp: 507230
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 36.0 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

Tgt Ion: 136 Resp: 217717
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.172 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142740.D

Acq: 11 Jun 2025 17:49

Instrument :

BNA_F

ClientSampleId :

WC-4

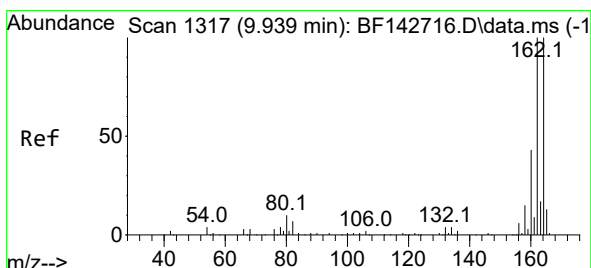
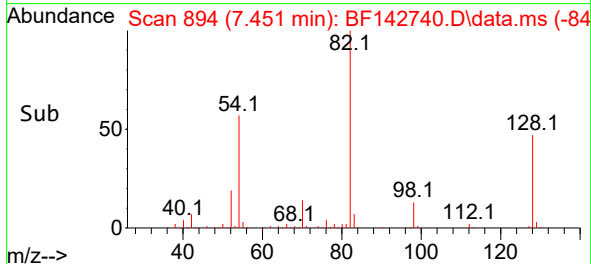
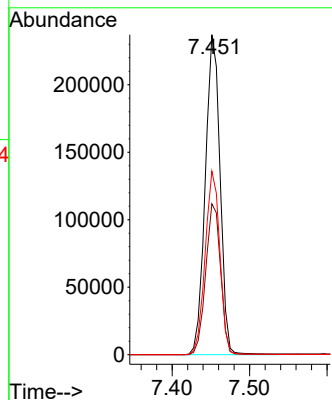
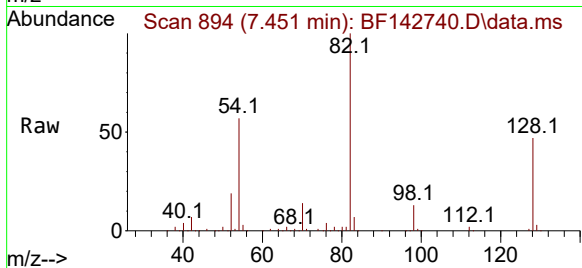
Tgt Ion: 82 Resp: 314960

Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

54 57.3 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142740.D

Acq: 11 Jun 2025 17:49

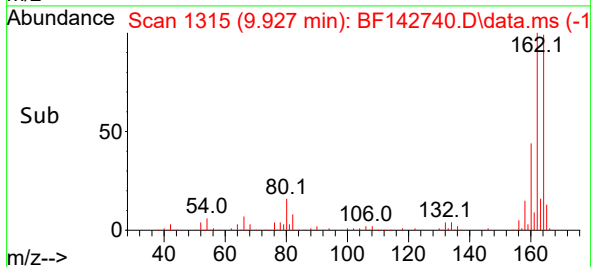
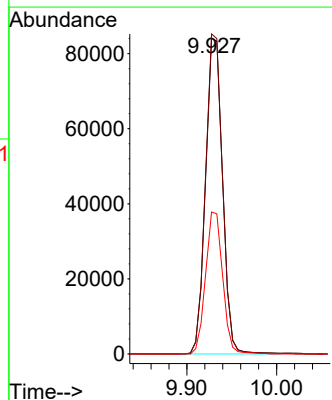
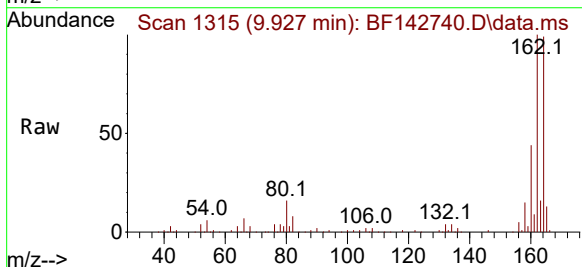
Tgt Ion:164 Resp: 110628

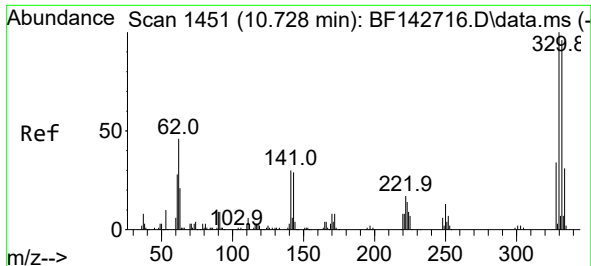
Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

160 45.0 34.8 52.2

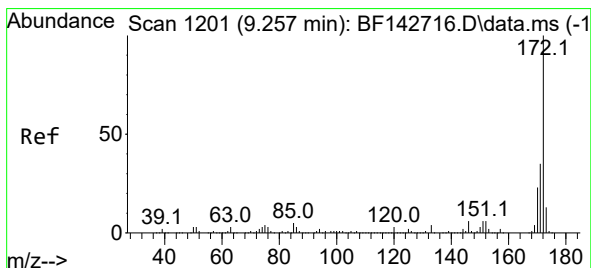
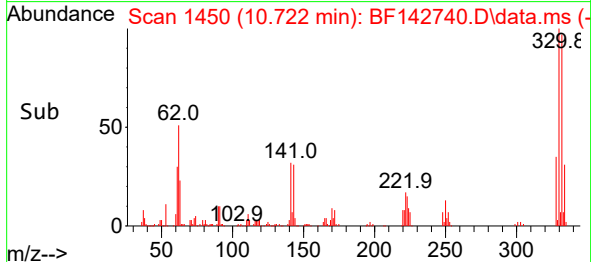
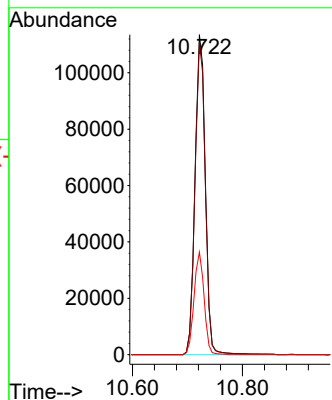
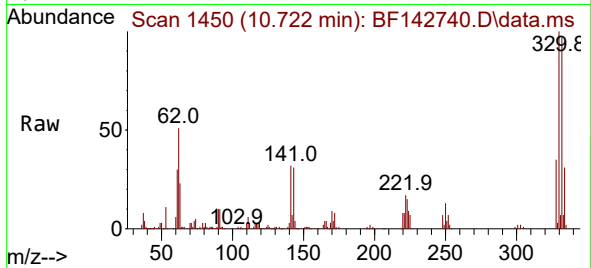




#42
2,4,6-Tribromophenol
Concen: 122.125 ng
RT: 10.722 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

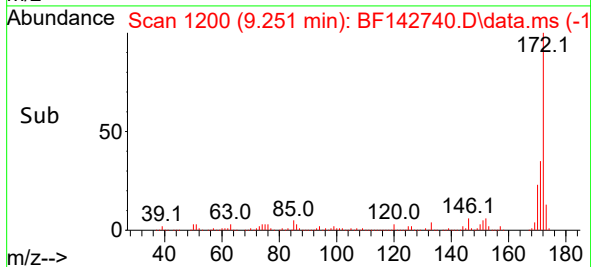
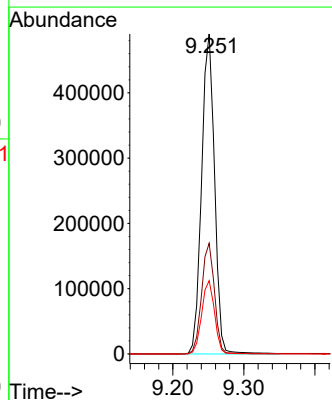
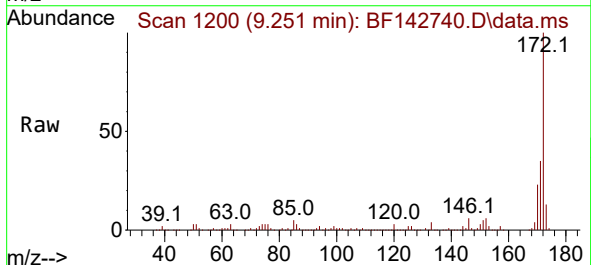
Instrument :
BNA_F
ClientSampleId :
WC-4

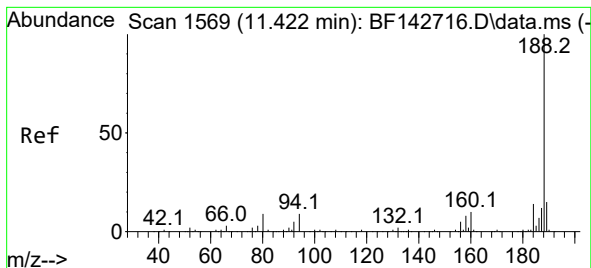
Tgt Ion:330 Resp: 148073
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 31.2 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 75.000 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142740.D
Acq: 11 Jun 2025 17:49

Tgt Ion:172 Resp: 624517
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142740.D

Acq: 11 Jun 2025 17:49

Instrument :

BNA_F

ClientSampleId :

WC-4

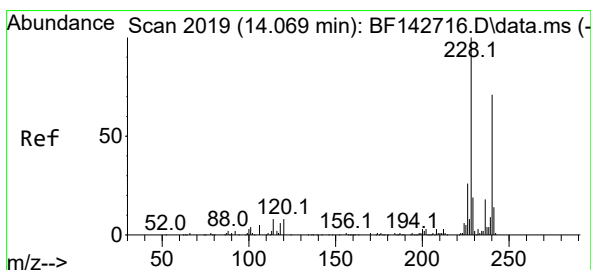
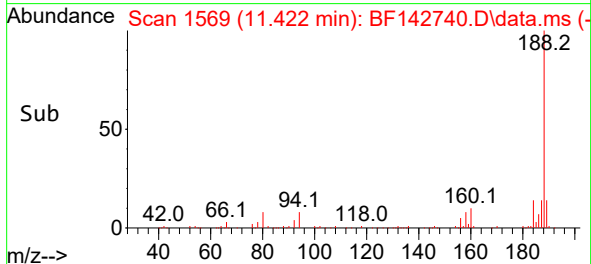
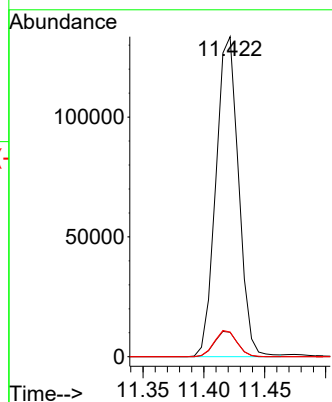
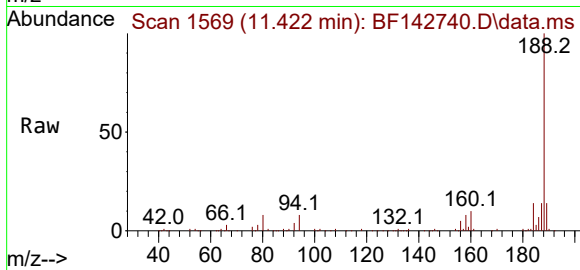
Tgt Ion:188 Resp: 173298

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 7.7 7.1 10.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142740.D

Acq: 11 Jun 2025 17:49

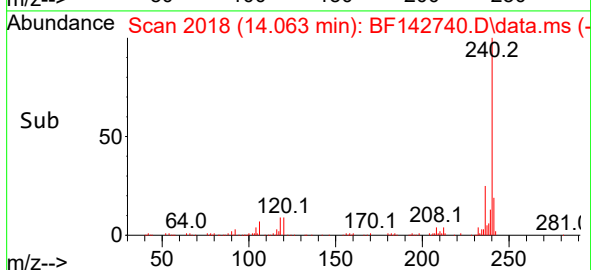
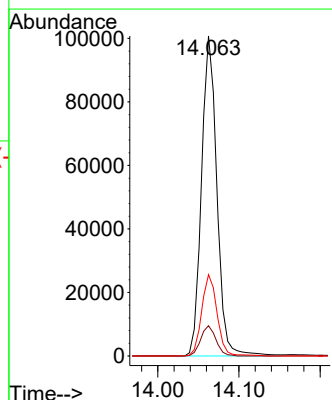
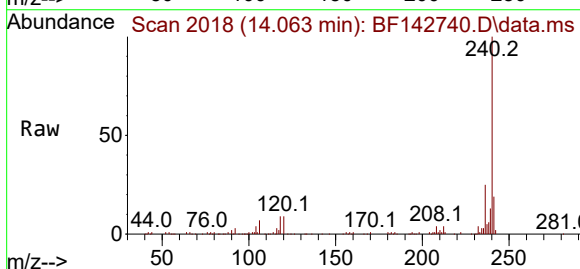
Tgt Ion:240 Resp: 132604

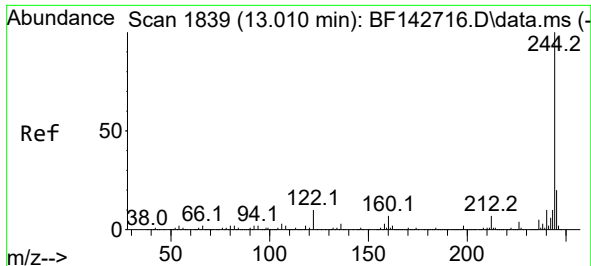
Ion Ratio Lower Upper

240 100

120 9.4 8.5 12.7

236 25.4 20.1 30.1

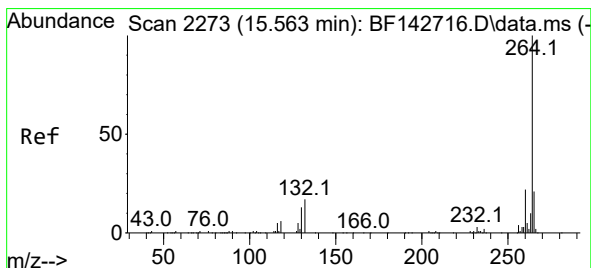
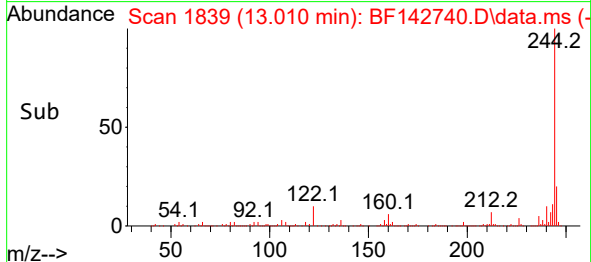
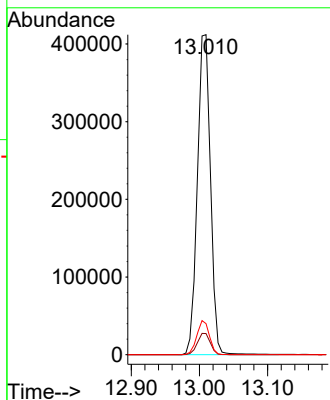
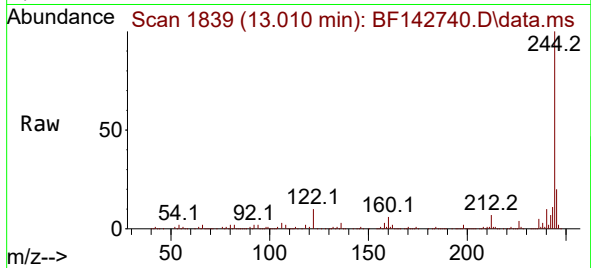




#79
 Terphenyl-d14
 Concen: 57.014 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142740.D
 Acq: 11 Jun 2025 17:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 550467
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142740.D
 Acq: 11 Jun 2025 17:49

Tgt Ion:264 Resp: 153019
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 20.7 16.6 25.0

