

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142910.D
 Acq On : 30 Jun 2025 11:17
 Operator : RC/JU
 Sample : Q2429-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 30 12:00:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	115573	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	445560	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	247926	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	460972	20.000	ng	0.00
76) Chrysene-d12	14.057	240	325113	20.000	ng	0.00
86) Perylene-d12	15.551	264	294056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	834573	120.227	ng	0.04
7) Phenol-d6	6.516	99	929247	113.464	ng	0.00
23) Nitrobenzene-d5	7.445	82	686547	84.518	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	394430	154.598	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1455958	77.146	ng	0.00
79) Terphenyl-d14	13.004	244	1757954	74.712	ng	0.00

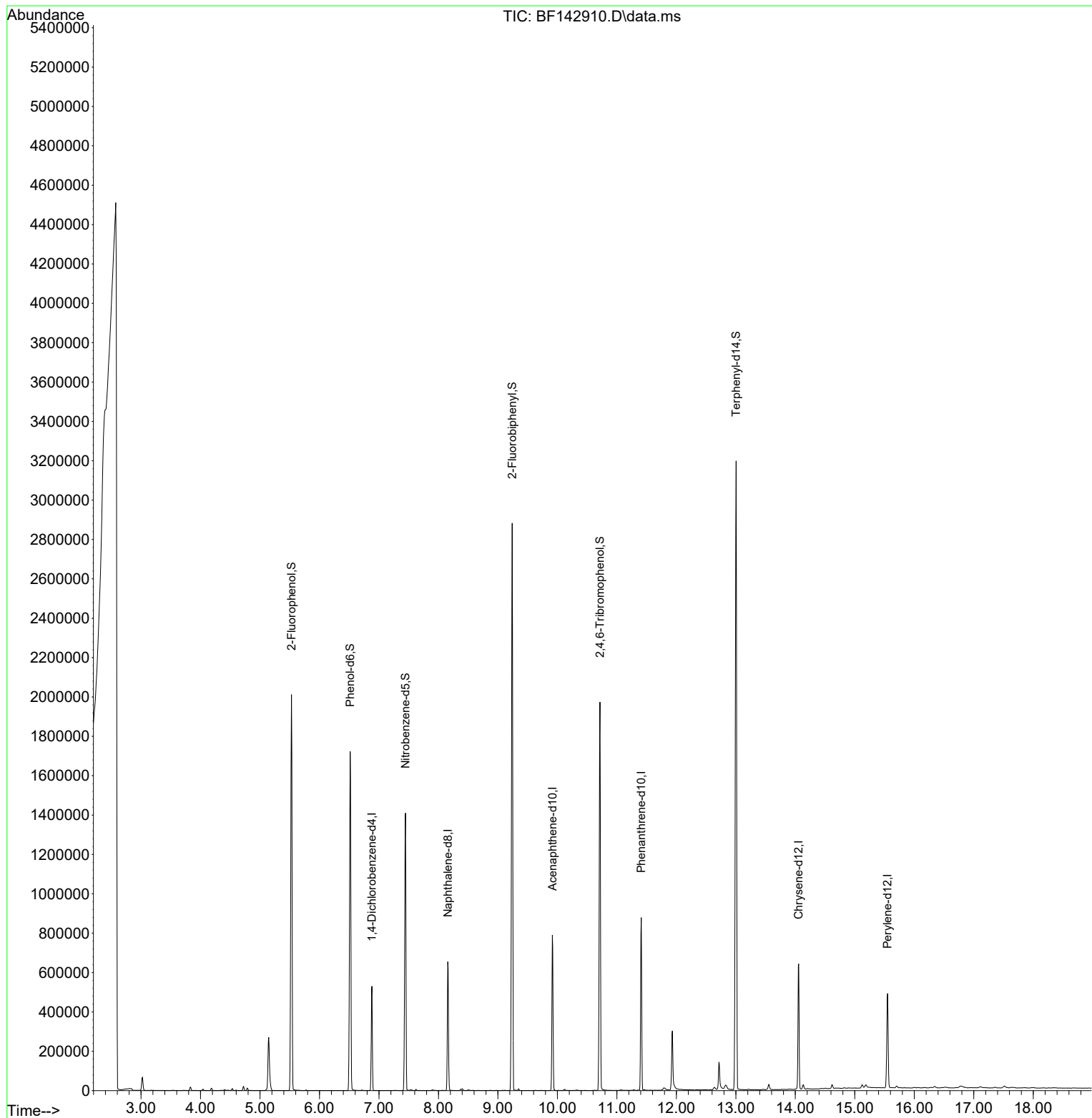
Target Compounds	Qvalue

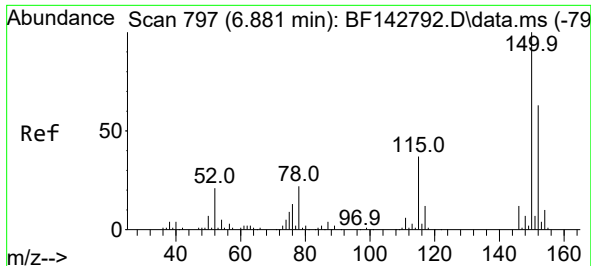
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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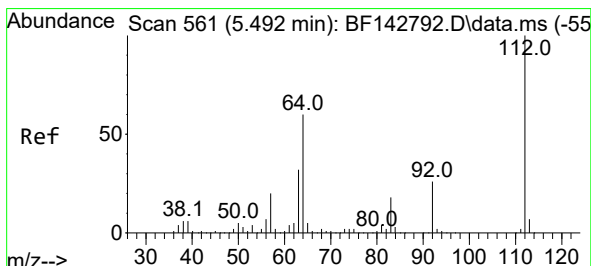
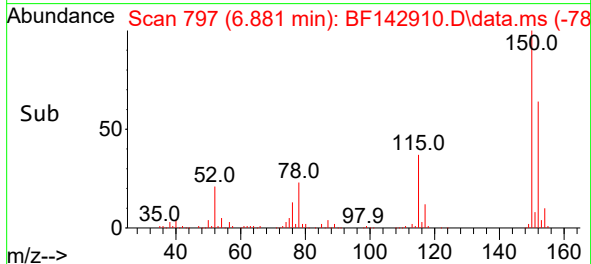
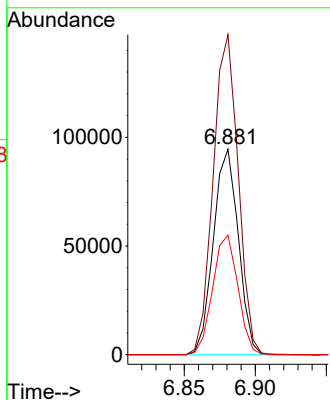
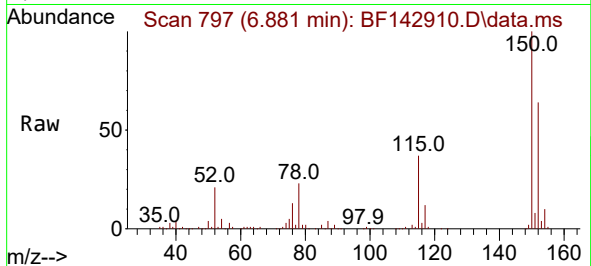




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

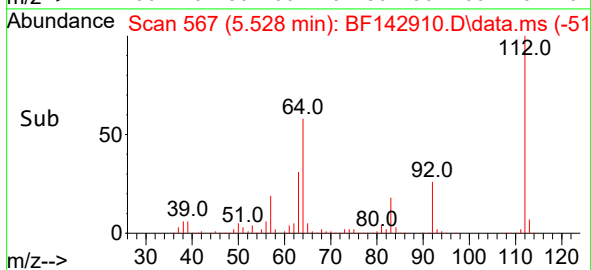
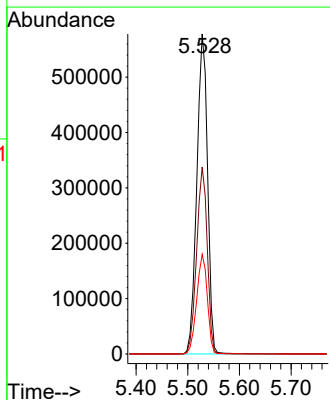
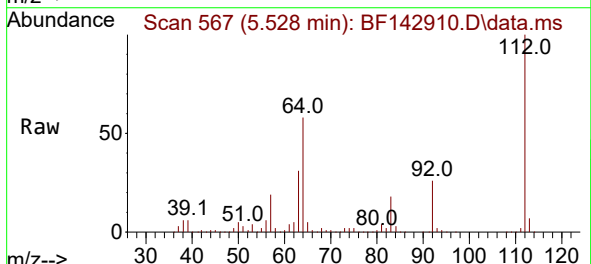
Instrument :
BNA_F
ClientSampleId :
TP-4

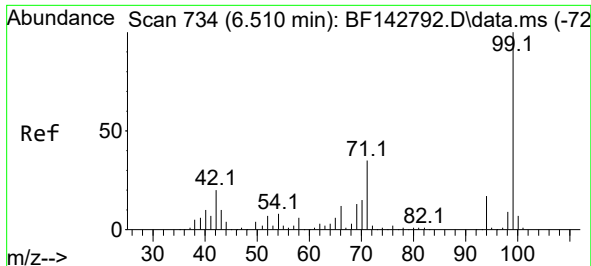
Tgt Ion:152 Resp: 115573
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 58.1 46.6 69.8



#5
2-Fluorophenol
Concen: 120.227 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.036 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

Tgt Ion:112 Resp: 834573
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.2
63 31.1 25.7 38.5

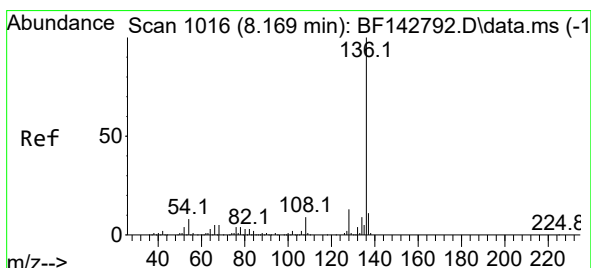
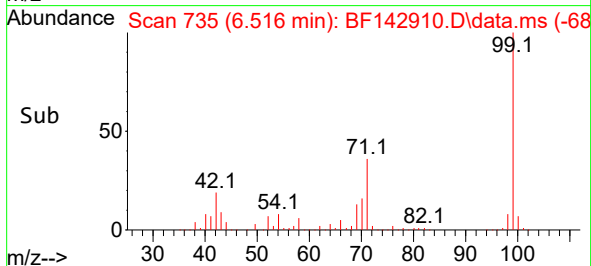
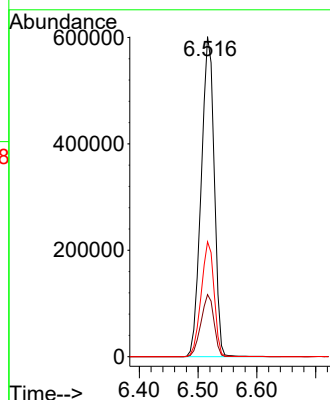
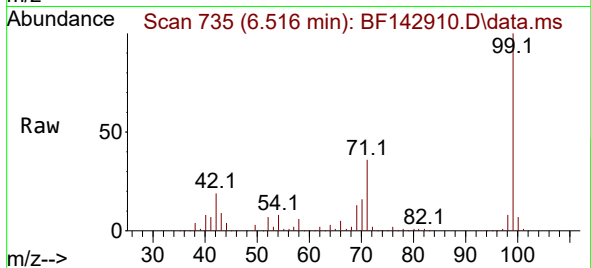




#7
Phenol-d6
Concen: 113.464 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

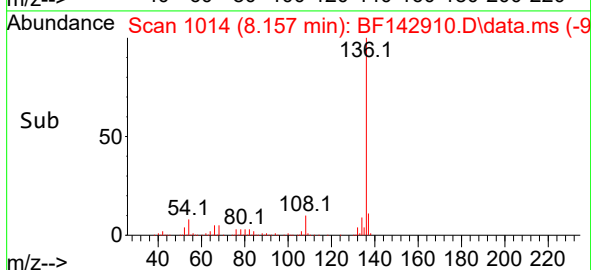
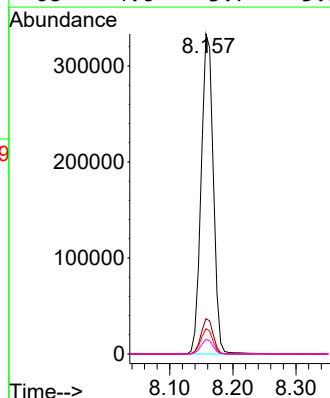
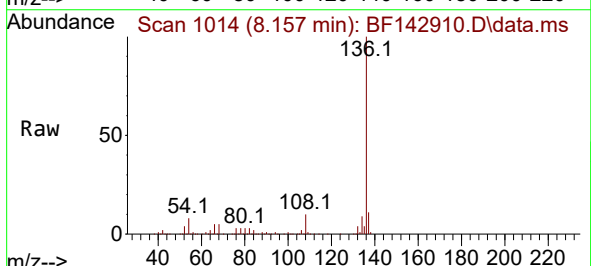
Instrument :
BNA_F
ClientSampleId :
TP-4

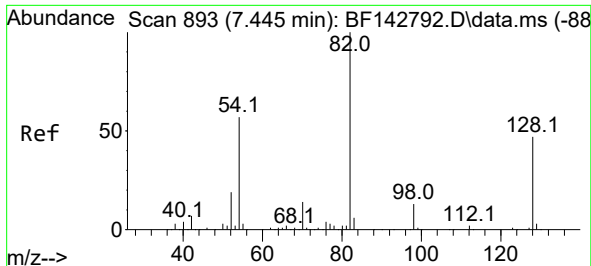
Tgt Ion: 99 Resp: 929247
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

Tgt Ion: 136 Resp: 445560
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 84.518 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142910.D

Acq: 30 Jun 2025 11:17

Instrument :

BNA_F

ClientSampleId :

TP-4

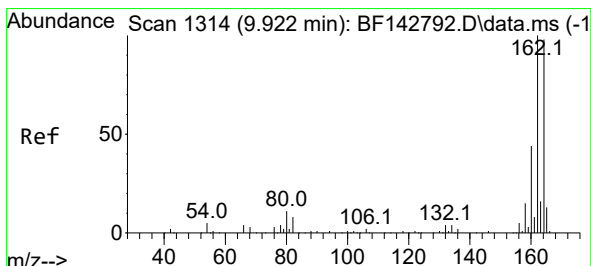
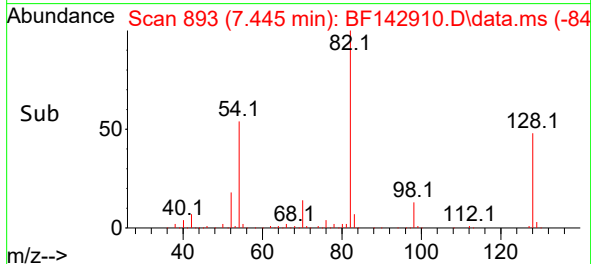
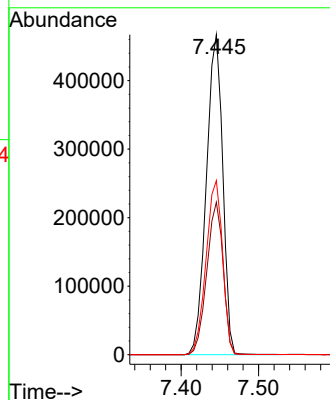
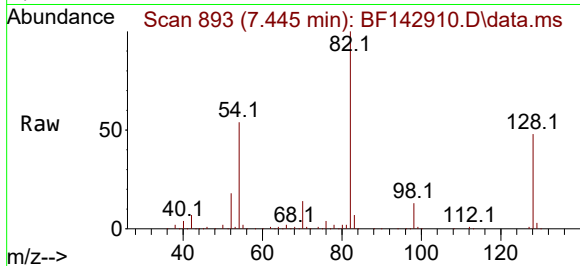
Tgt Ion: 82 Resp: 686547

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 54.4 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142910.D

Acq: 30 Jun 2025 11:17

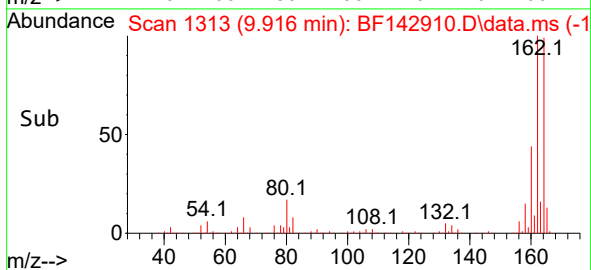
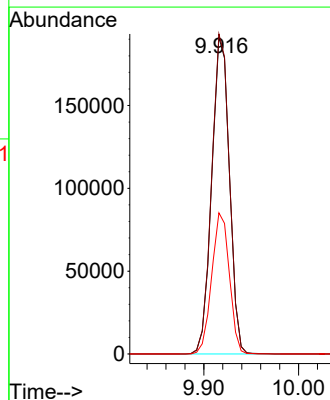
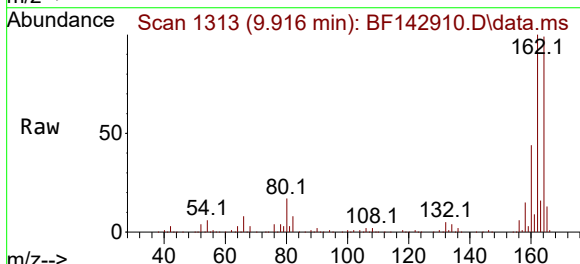
Tgt Ion:164 Resp: 247926

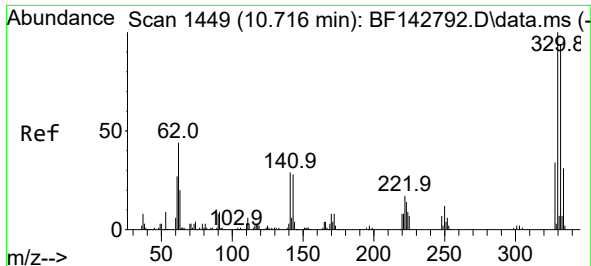
Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.8

160 44.5 36.0 54.0

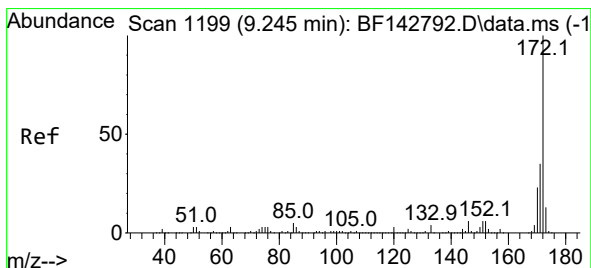
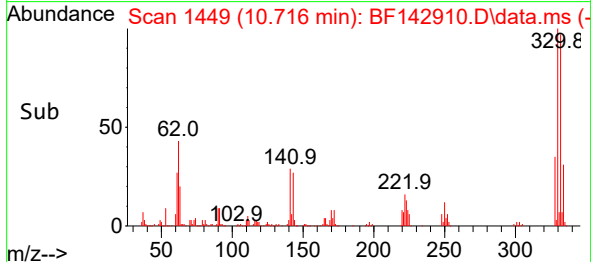
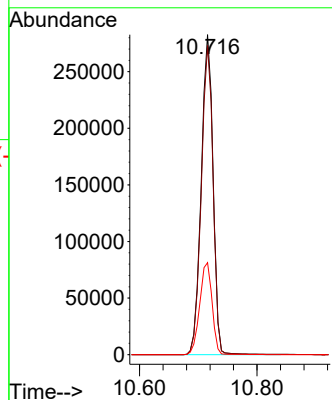
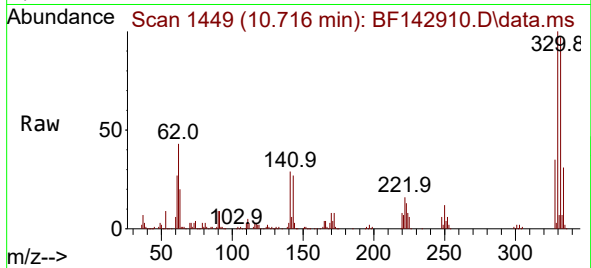




#42
 2,4,6-Tribromophenol
 Concen: 154.598 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.000 min
 Lab File: BF142910.D
 Acq: 30 Jun 2025 11:17

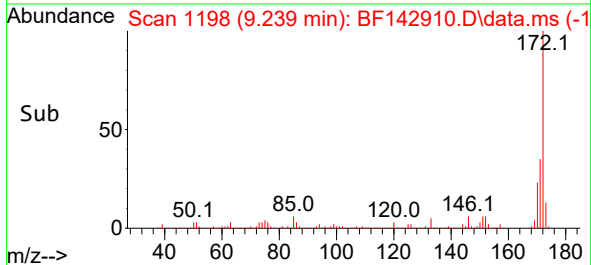
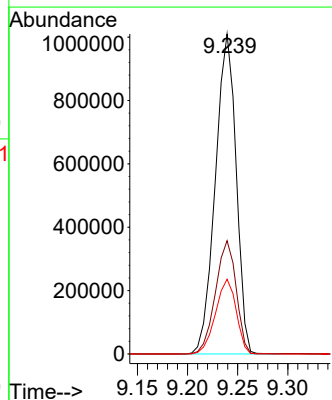
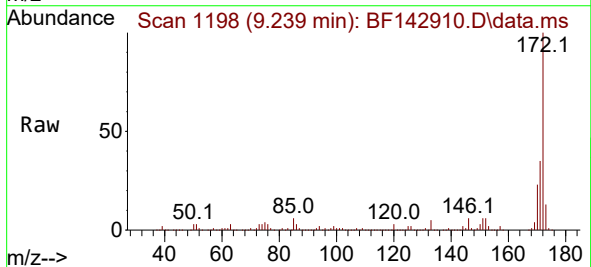
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 TP-4

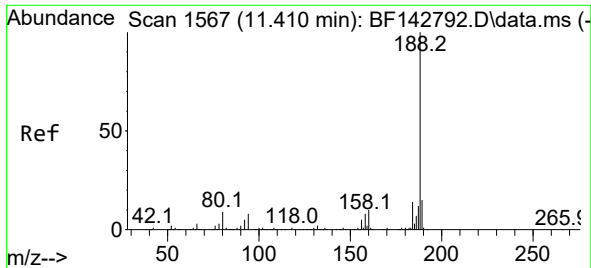
Tgt Ion: 330 Resp: 394430
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.0 112.6
 141 30.1 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 77.146 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF142910.D
 Acq: 30 Jun 2025 11:17

Tgt Ion: 172 Resp: 1455958
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.4 18.5 27.7

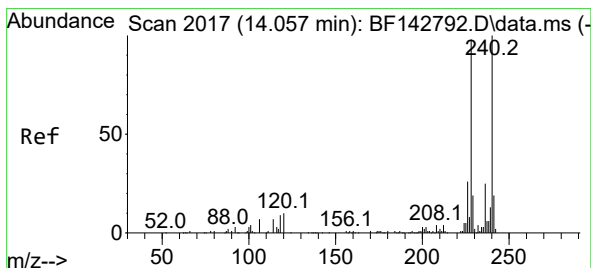
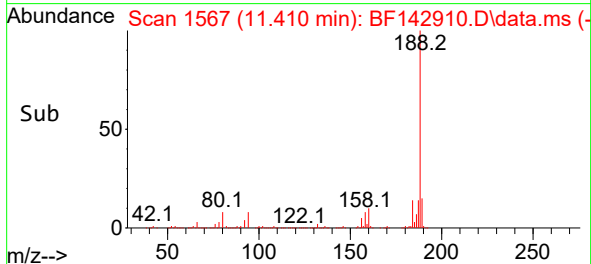
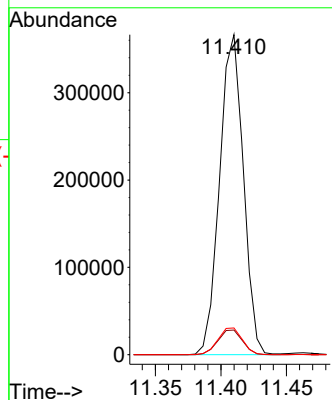
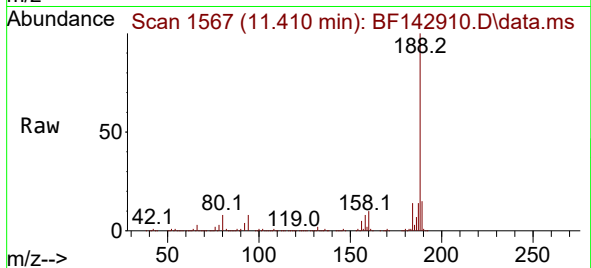




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

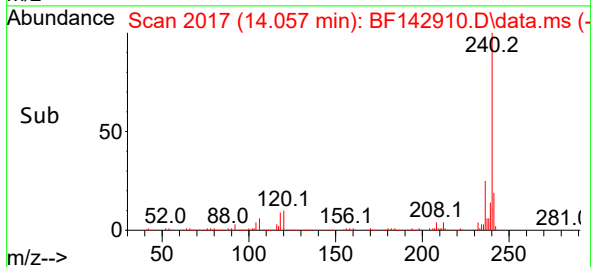
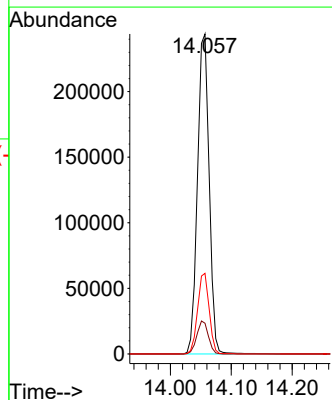
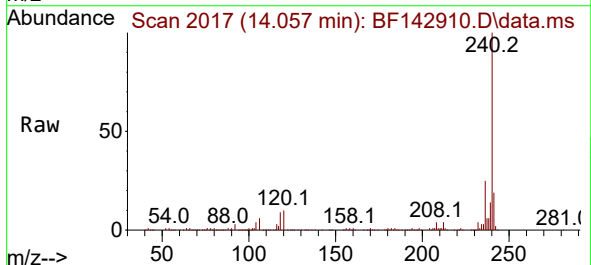
Instrument :
BNA_F
ClientSampleId :
TP-4

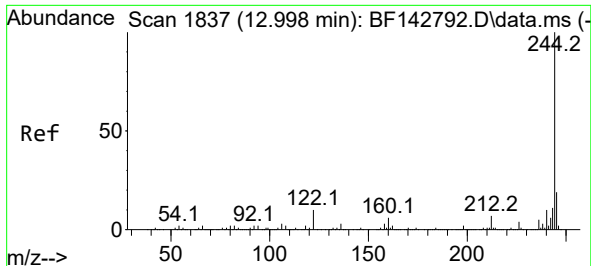
Tgt Ion:188 Resp: 460972
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142910.D
Acq: 30 Jun 2025 11:17

Tgt Ion:240 Resp: 325113
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.2 19.8 29.8

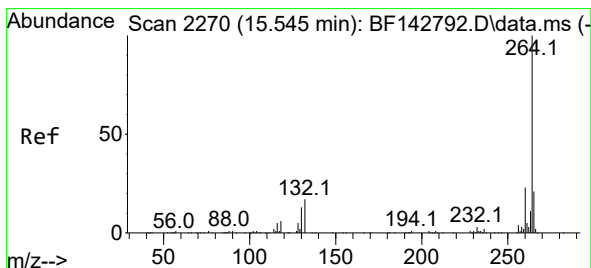
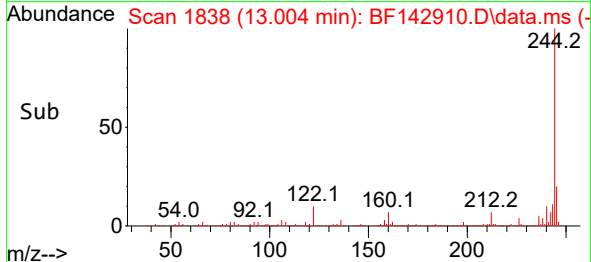
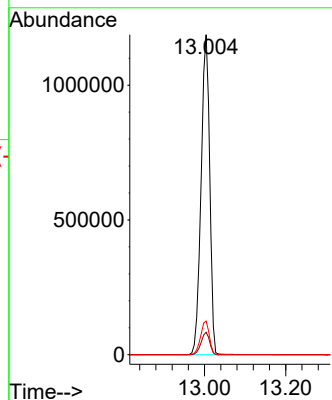
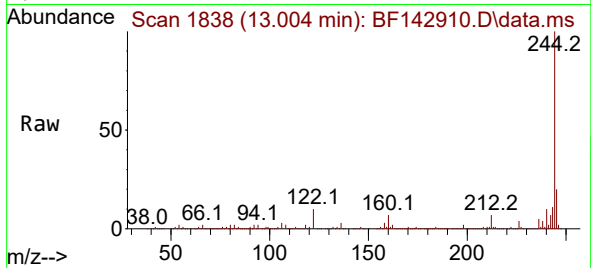




#79
 Terphenyl-d14
 Concen: 74.712 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF142910.D
 Acq: 30 Jun 2025 11:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1757954
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF142910.D
 Acq: 30 Jun 2025 11:17

Tgt Ion:264 Resp: 294056
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.4 16.6 25.0

