

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142918.D
 Acq On : 30 Jun 2025 16:40
 Operator : RC/JU
 Sample : Q2429-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 30 17:06:42 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	6.875	152	73271	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280164	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	144780	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	235227	20.000	ng	0.00
76) Chrysene-d12	14.051	240	140683	20.000	ng	0.00
86) Perylene-d12	15.539	264	152032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	537667	122.173	ng	0.01
7) Phenol-d6	6.504	99	576532	111.039	ng	0.00
23) Nitrobenzene-d5	7.440	82	422110	82.641	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	202552	135.951	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	908693	82.451	ng	-0.01
79) Terphenyl-d14	12.992	244	800874	78.657	ng	0.00

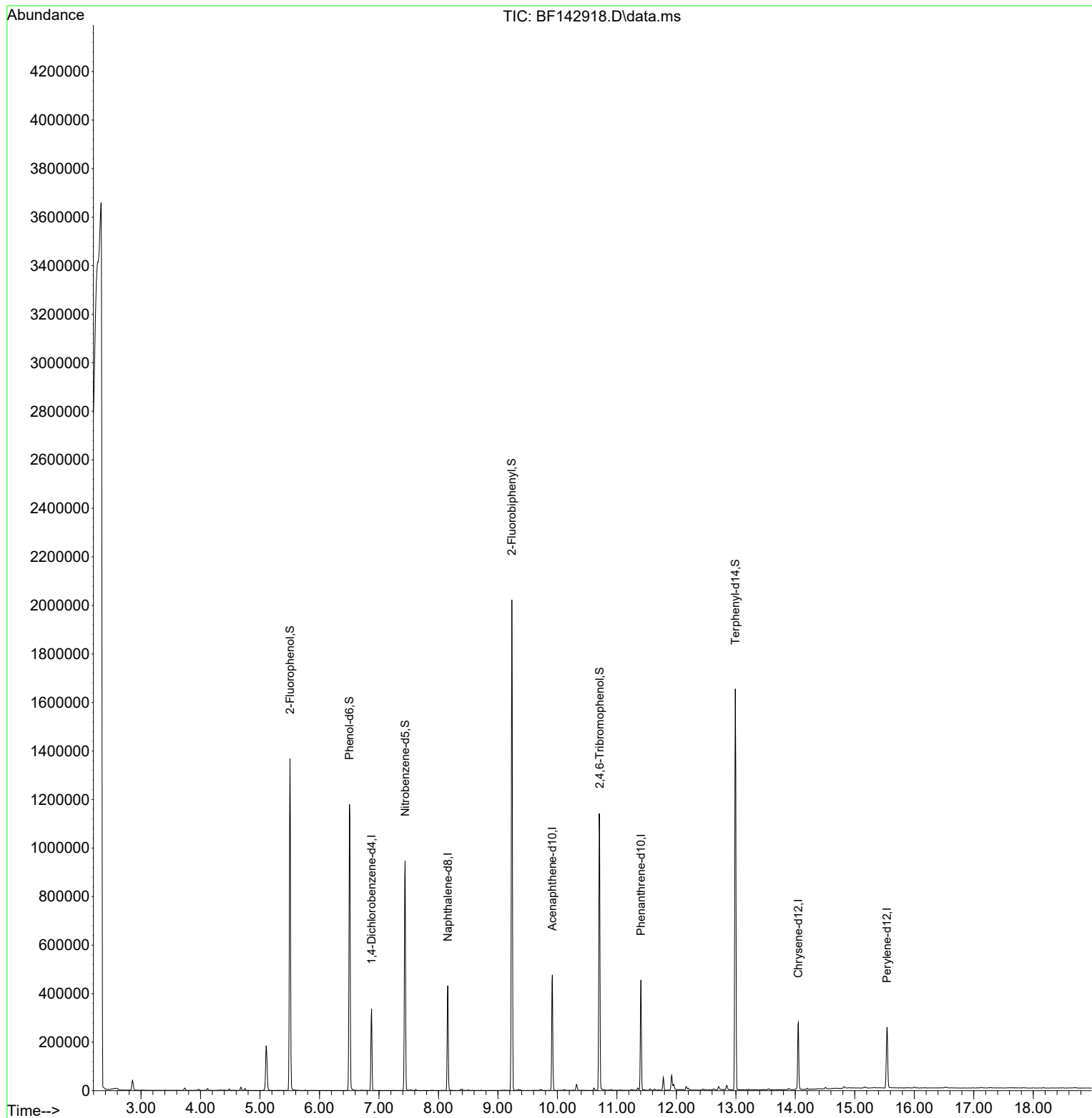
Target Compounds	Qvalue

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

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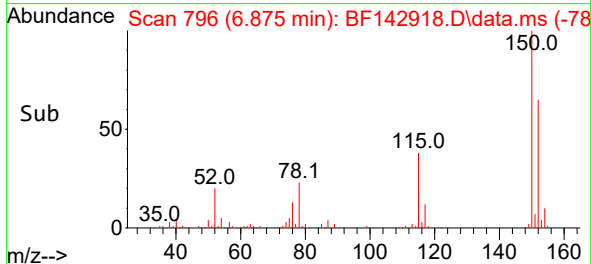
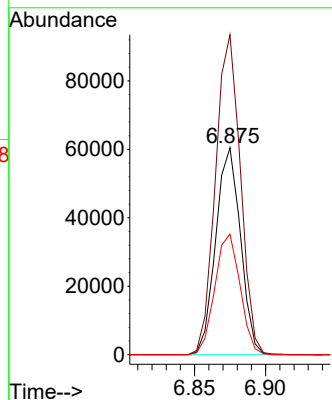
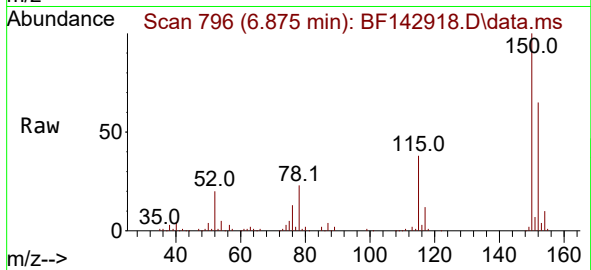




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

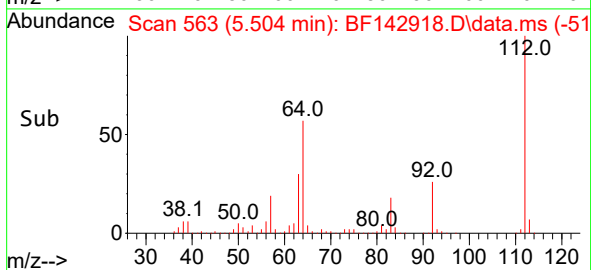
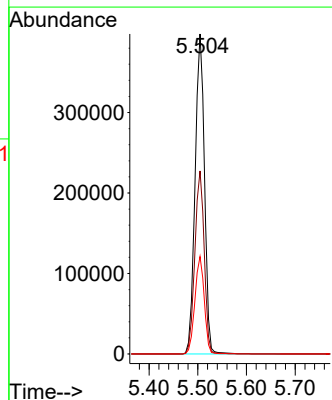
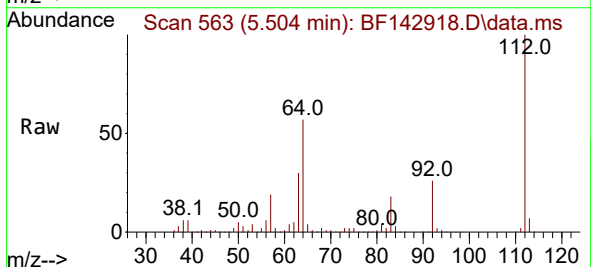
Instrument :
BNA_F
ClientSampleId :
TP-4

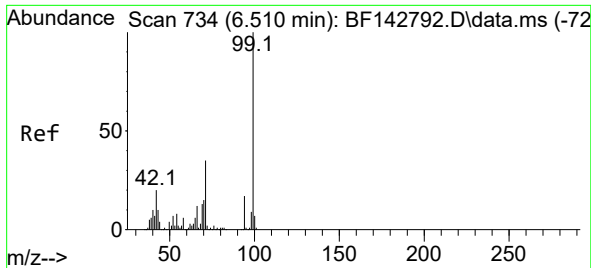
Tgt Ion:152 Resp: 73271
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 122.173 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

Tgt Ion:112 Resp: 537667
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.2
63 30.5 25.7 38.5

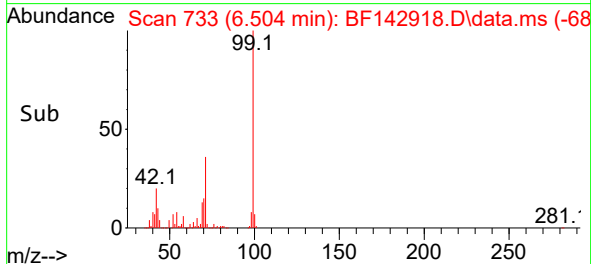
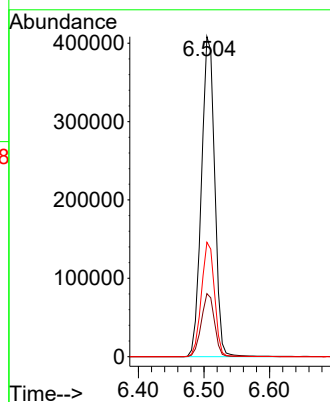
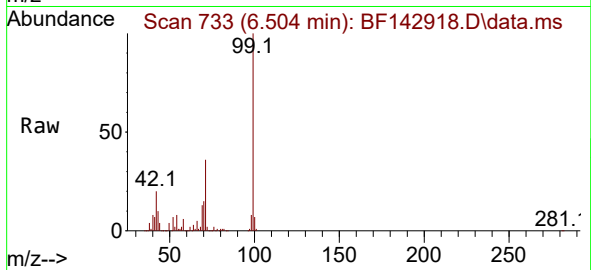




#7
Phenol-d6
Concen: 111.039 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

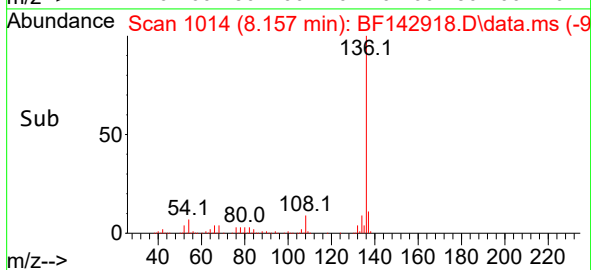
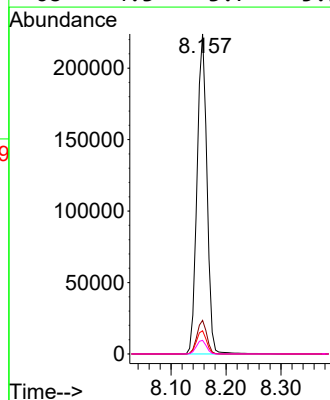
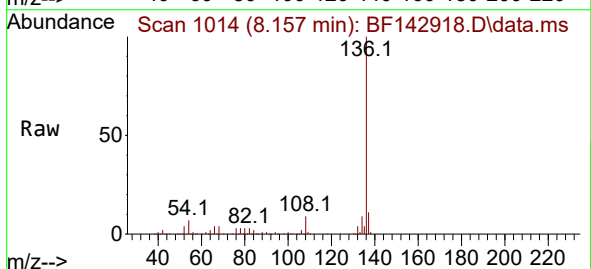
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 576532
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.8 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: BF142918.D
Acq: 30 Jun 2025 16:40

Tgt Ion: 136 Resp: 280164
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 82.641 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142918.D

Acq: 30 Jun 2025 16:40

Instrument :

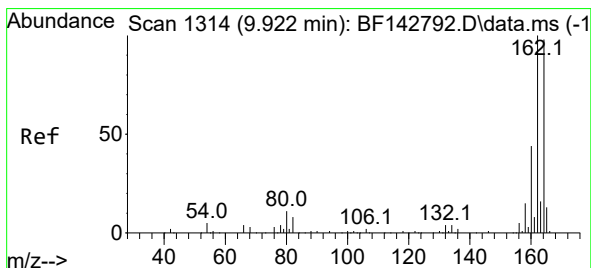
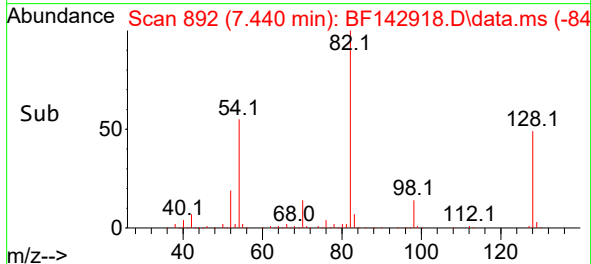
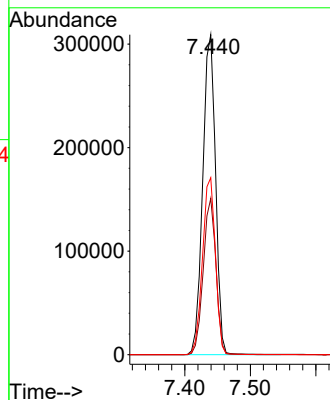
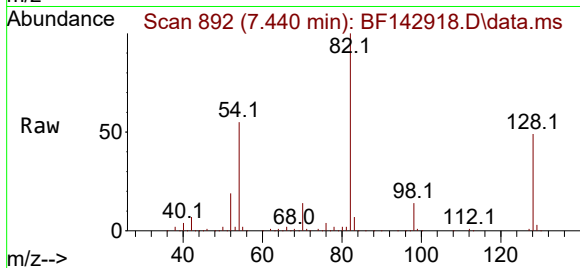
BNA_F

ClientSampleId :

TP-4

Tgt Ion: 82 Resp: 422110

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.7	56.5
54	55.3	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

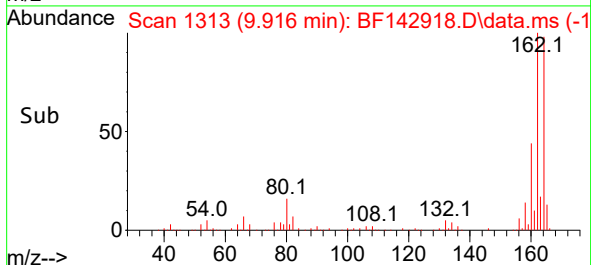
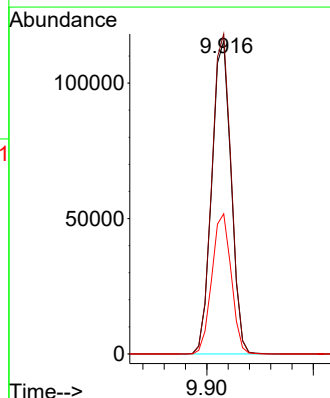
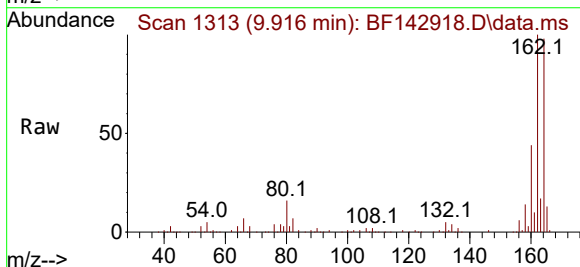
Delta R.T. -0.006 min

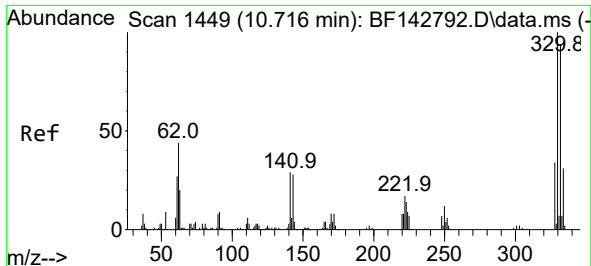
Lab File: BF142918.D

Acq: 30 Jun 2025 16:40

Tgt Ion:164 Resp: 144780

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	44.8	36.0	54.0

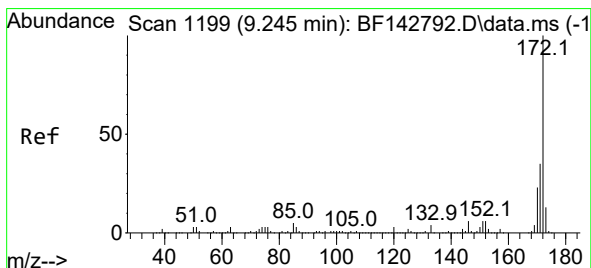
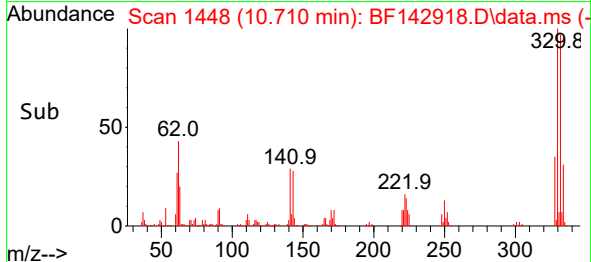
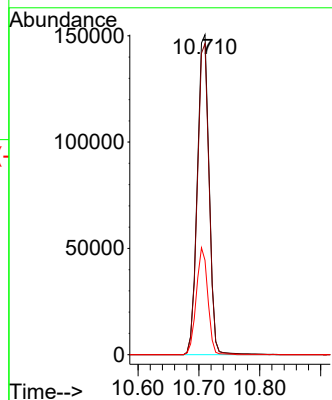
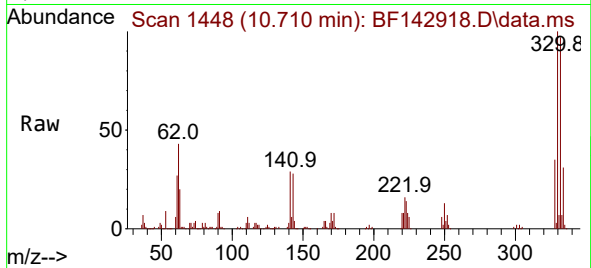




#42
2,4,6-Tribromophenol
Concen: 135.951 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

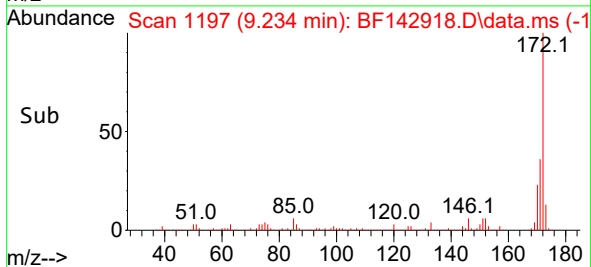
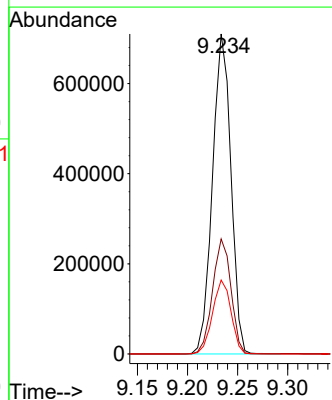
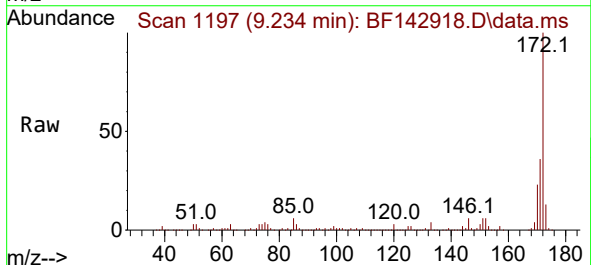
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 330 Resp: 202552
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 32.6 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 82.451 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

Tgt Ion: 172 Resp: 908693
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.1 18.5 27.7

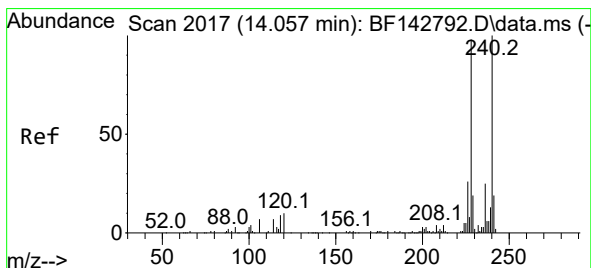
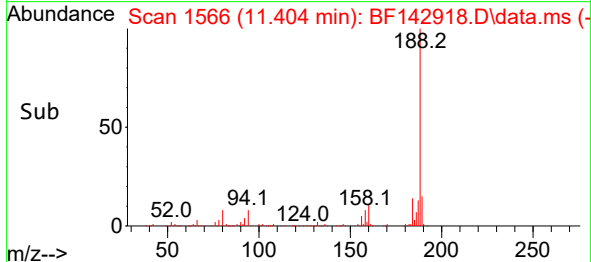
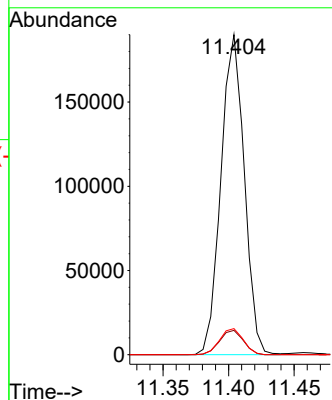
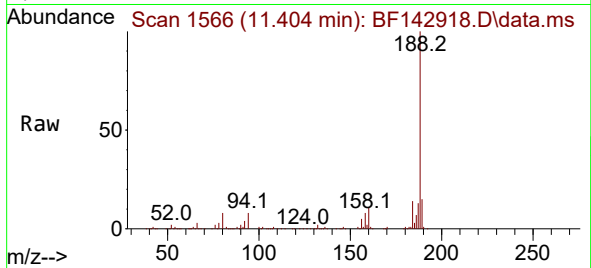




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

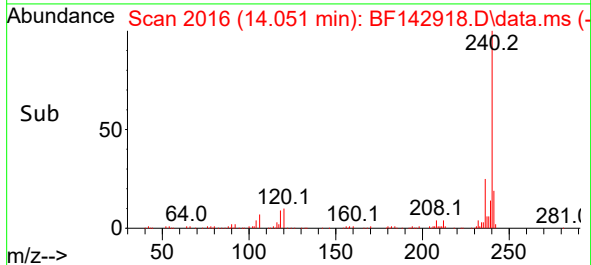
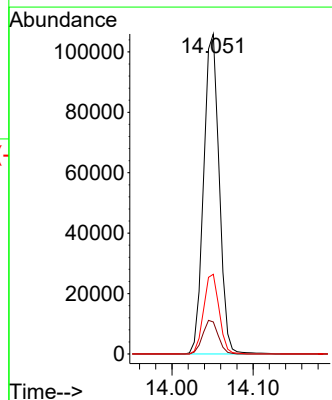
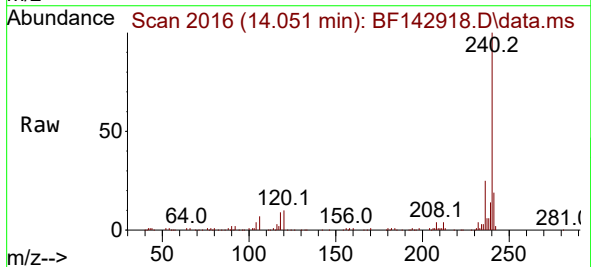
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 235227
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142918.D
Acq: 30 Jun 2025 16:40

Tgt Ion:240 Resp: 140683
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.9 19.8 29.8

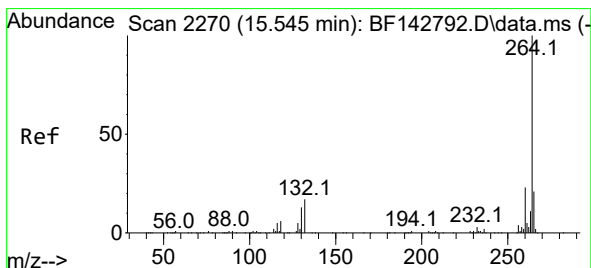
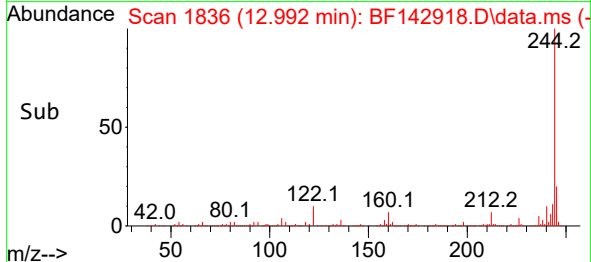
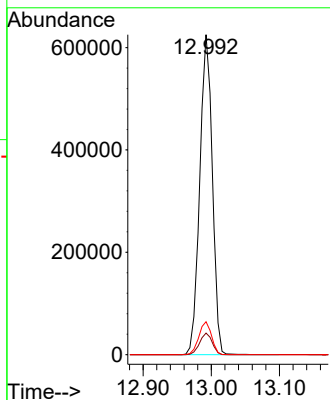
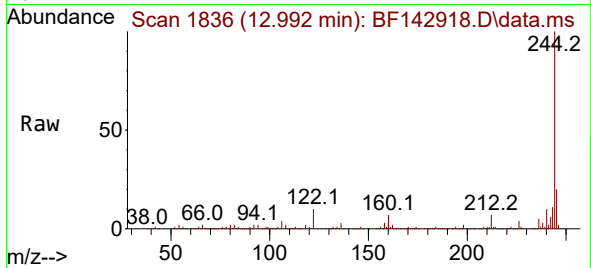




#79
 Terphenyl-d14
 Concen: 78.657 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142918.D
 Acq: 30 Jun 2025 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 800874
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142918.D
 Acq: 30 Jun 2025 16:40

Tgt Ion:264 Resp: 152032
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.1 27.1
 265 21.8 16.6 25.0

