

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142673.D
 Acq On : 07 Jun 2025 06:05
 Operator : RC/JU
 Sample : Q2176-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-56

Quant Time: Jun 09 01:02:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

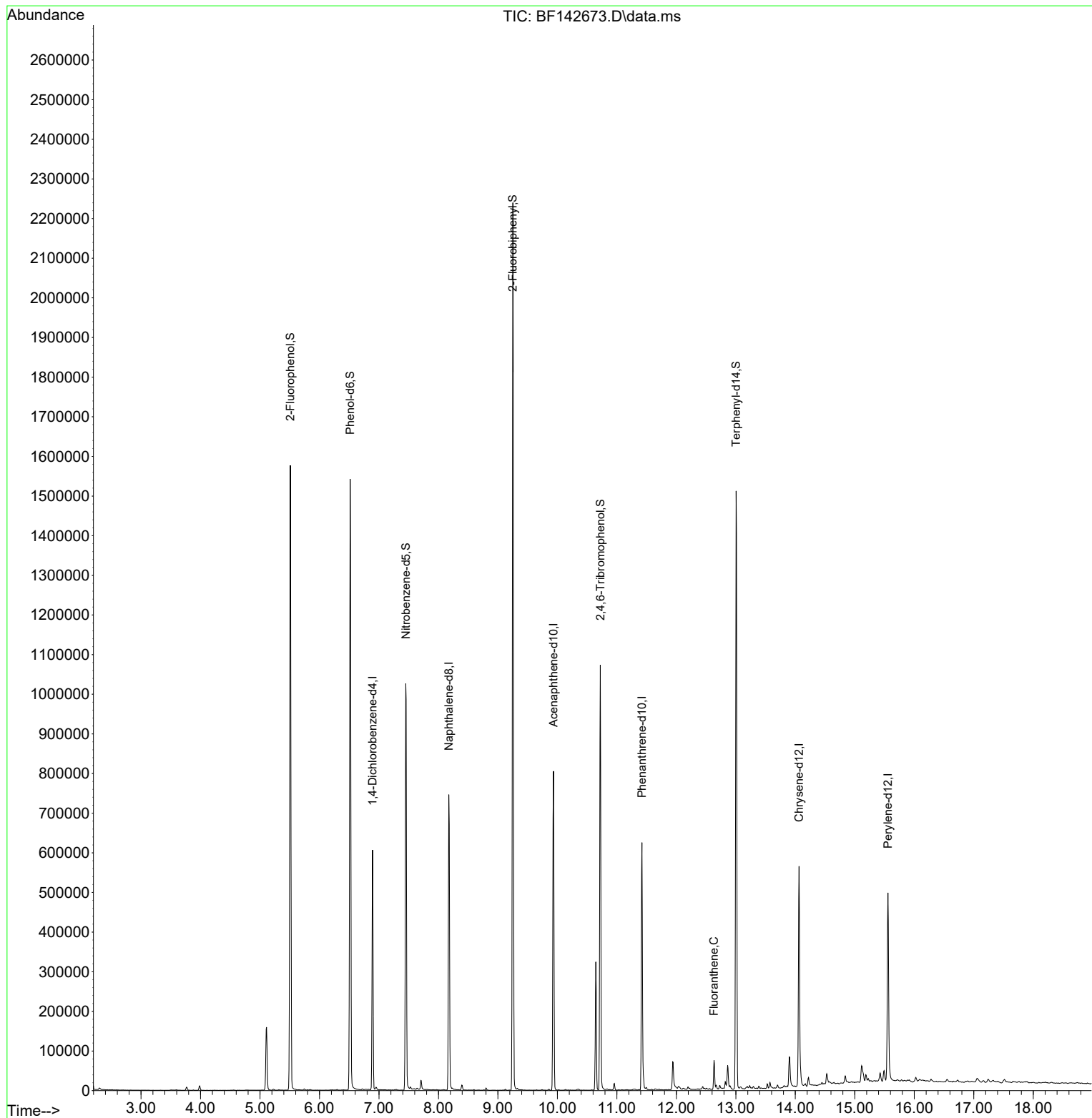
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	130372	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	494975	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	243335	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	340521	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	266132	20.000	ng	-0.01
86) Perylene-d12	15.557	264	283233	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	613857	79.327	ng	0.00
7) Phenol-d6	6.516	99	753909	80.934	ng	-0.02
23) Nitrobenzene-d5	7.451	82	456273	50.265	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	191119	70.766	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1001356	55.219	ng	-0.02
79) Terphenyl-d14	13.004	244	759270	38.987	ng	-0.01
Target Compounds						
75) Fluoranthene	12.633	202	43841	2.578	ng	Qvalue 99

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

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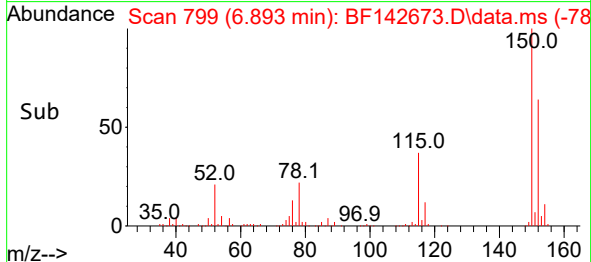
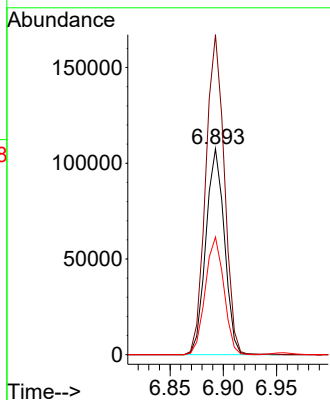
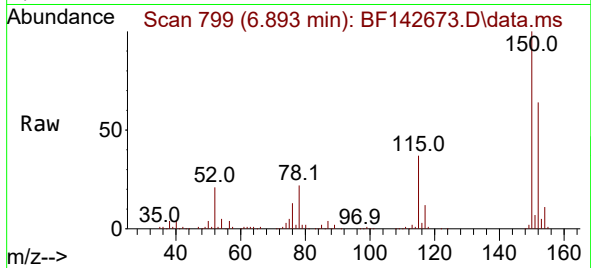




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.011 min
 Lab File: BF142673.D
 Acq: 07 Jun 2025 06:05

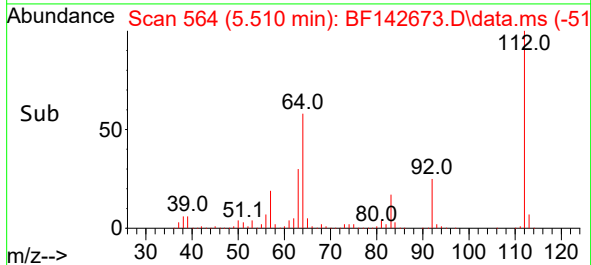
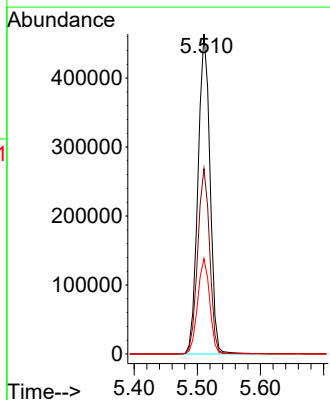
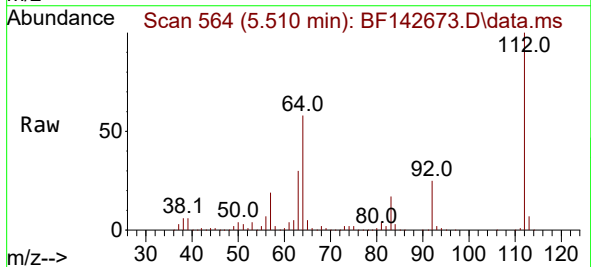
Instrument :
 BNA_F
 ClientSampleId :
 TP-56

Tgt Ion:152 Resp: 130372
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.2 192.4
 115 57.1 48.3 72.5



#5
 2-Fluorophenol
 Concen: 79.327 ng
 RT: 5.510 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: BF142673.D
 Acq: 07 Jun 2025 06:05

Tgt Ion:112 Resp: 613857
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.5 71.3
 63 29.8 24.9 37.3

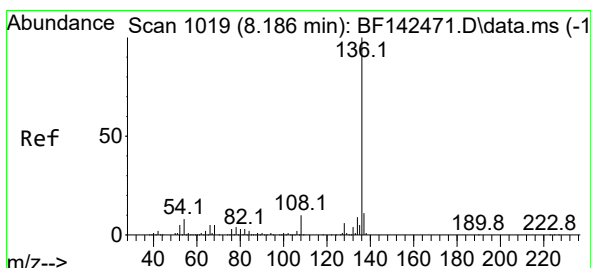
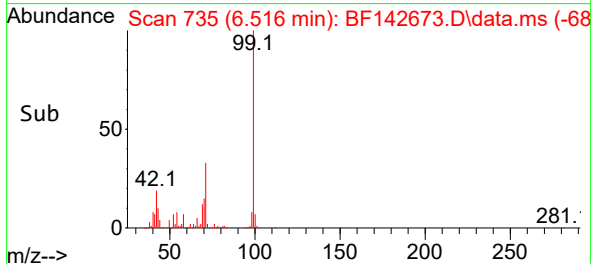
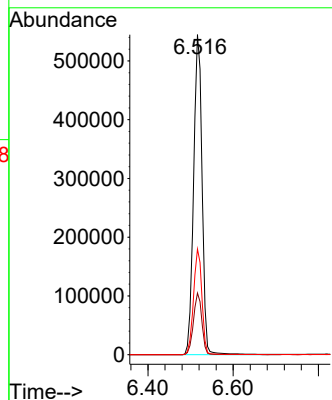
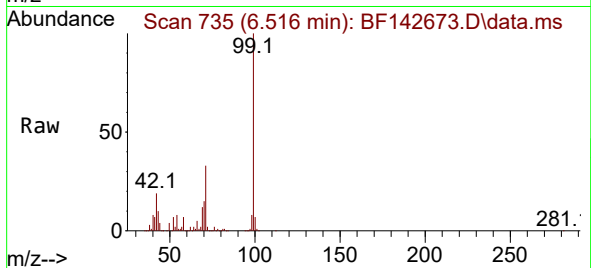




#7
Phenol-d6
Concen: 80.934 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

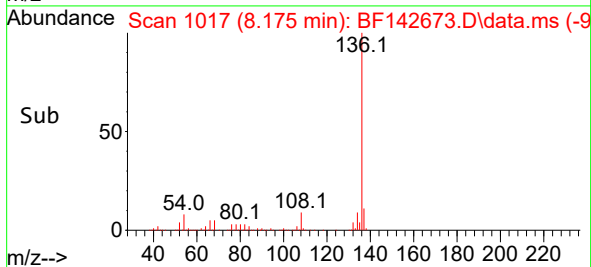
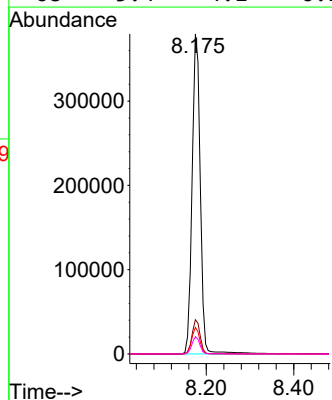
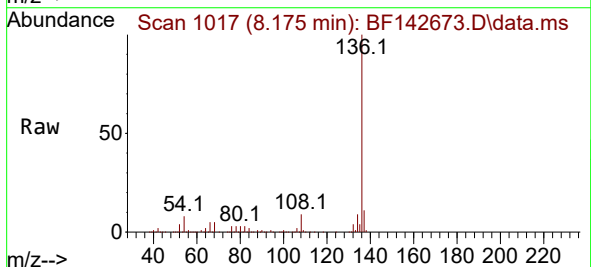
Instrument :
BNA_F
ClientSampleId :
TP-56

Tgt Ion: 99 Resp: 753909
Ion Ratio Lower Upper
99 100
42 19.3 16.2 24.2
71 33.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

Tgt Ion: 136 Resp: 494975
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.6 10.0
68 5.4 4.1 6.1

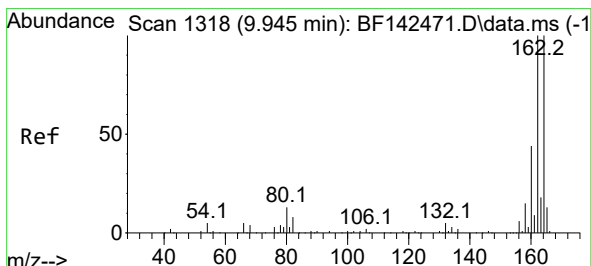
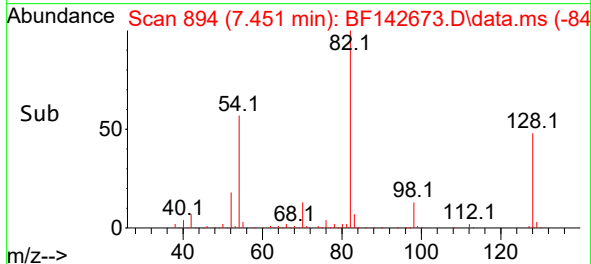
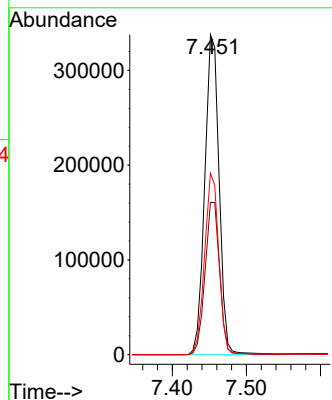
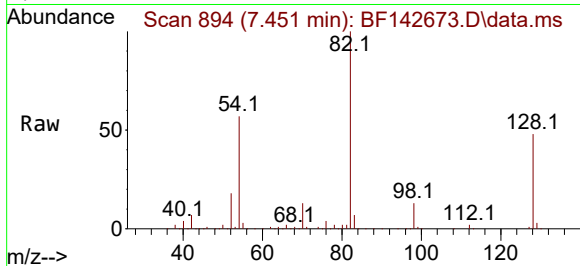




#23
 Nitrobenzene-d5
 Concen: 50.265 ng
 RT: 7.451 min Scan# 894
 Delta R.T. -0.023 min
 Lab File: BF142673.D
 Acq: 07 Jun 2025 06:05

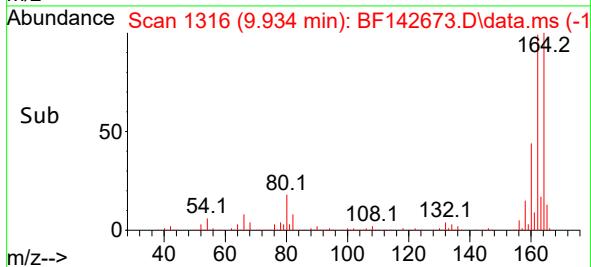
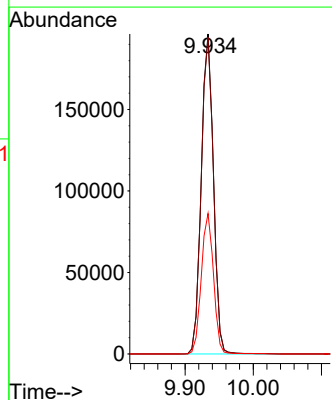
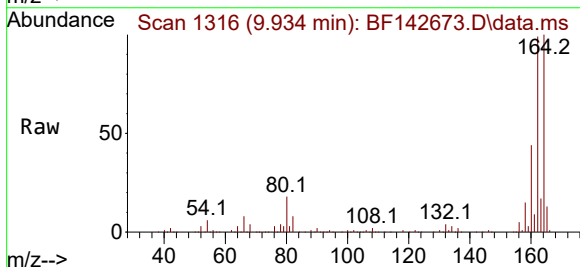
Instrument :
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 ClientSampleId :
 TP-56

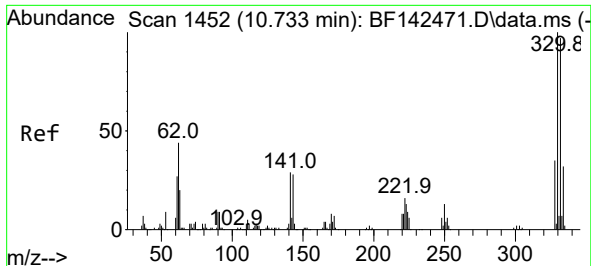
Tgt Ion: 82 Resp: 456273
 Ion Ratio Lower Upper
 82 100
 128 47.6 37.4 56.2
 54 56.7 46.6 70.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.934 min Scan# 1316
 Delta R.T. -0.011 min
 Lab File: BF142673.D
 Acq: 07 Jun 2025 06:05

Tgt Ion:164 Resp: 243335
 Ion Ratio Lower Upper
 164 100
 162 99.0 80.2 120.4
 160 43.9 35.6 53.4

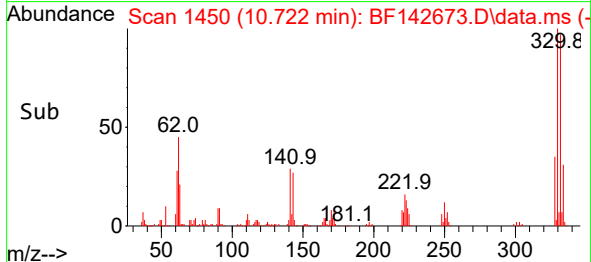
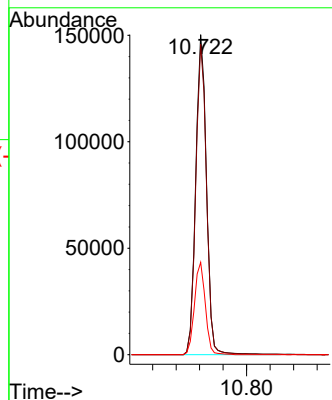
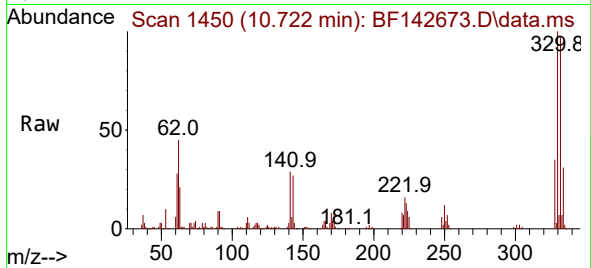




#42
2,4,6-Tribromophenol
Concen: 70.766 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

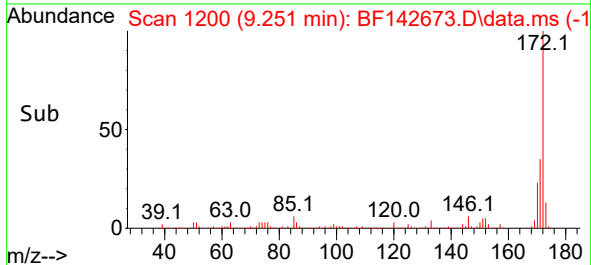
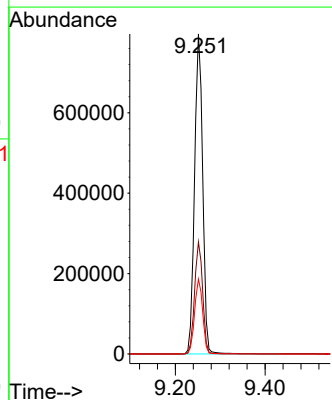
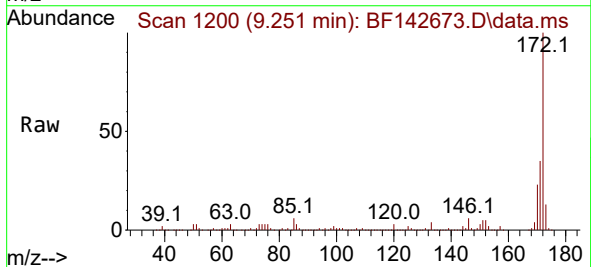
Instrument :
BNA_F
ClientSampleId :
TP-56

Tgt Ion:330 Resp: 191119
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 29.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 55.219 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

Tgt Ion:172 Resp: 1001356
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.4 18.9 28.3

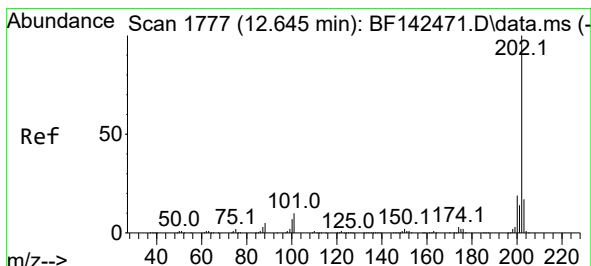
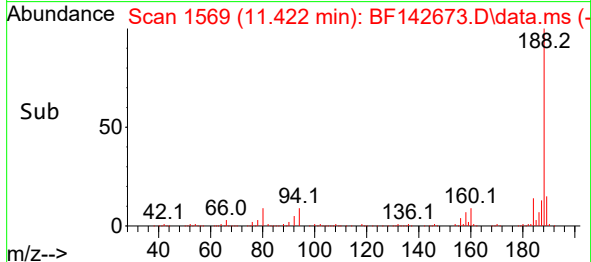
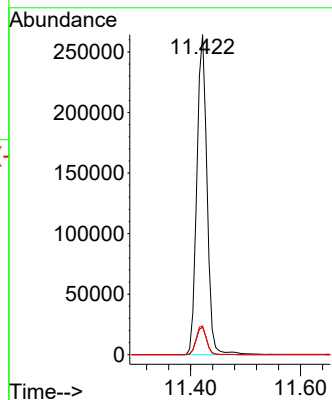
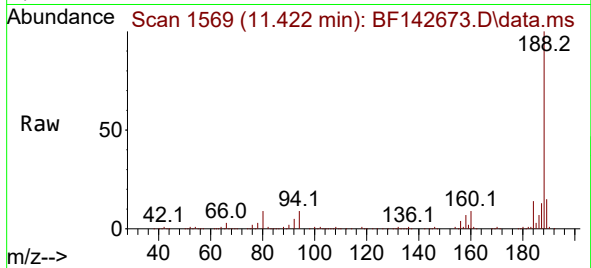




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

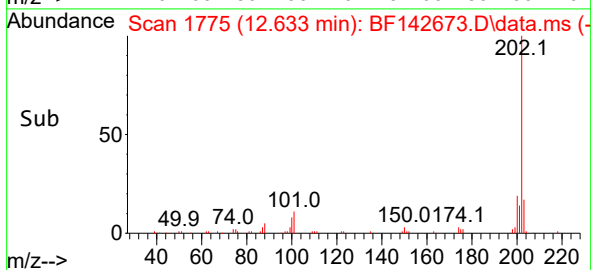
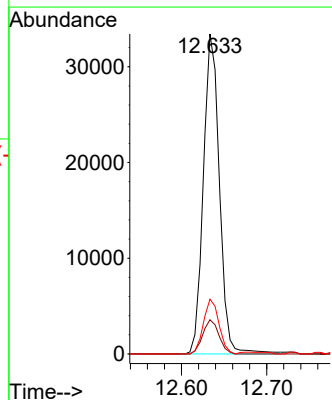
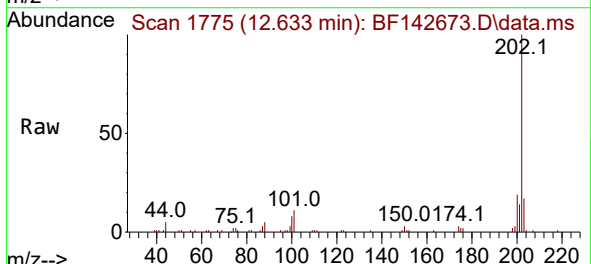
Instrument :
BNA_F
ClientSampleId :
TP-56

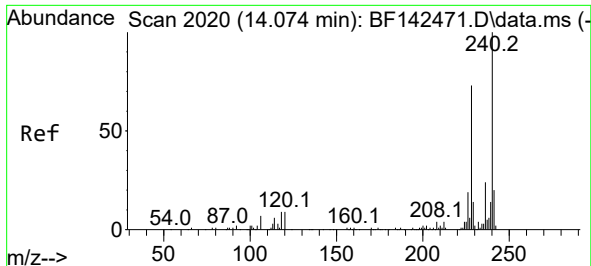
Tgt Ion:188 Resp: 340521
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.0 7.4 11.0



#75
Fluoranthene
Concen: 2.578 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

Tgt Ion:202 Resp: 43841
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.1 0.0 37.2

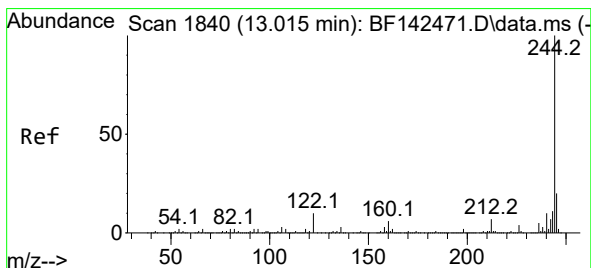
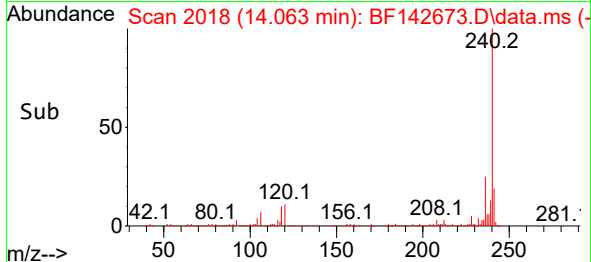
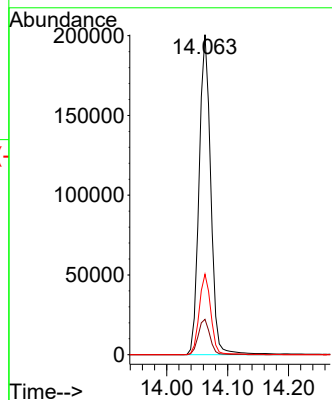
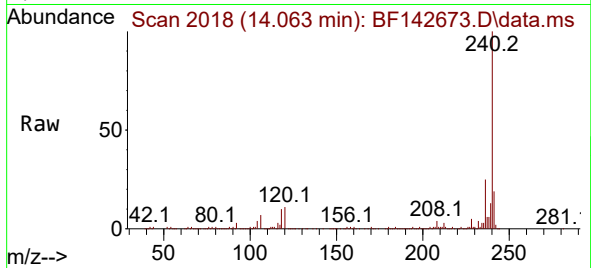




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

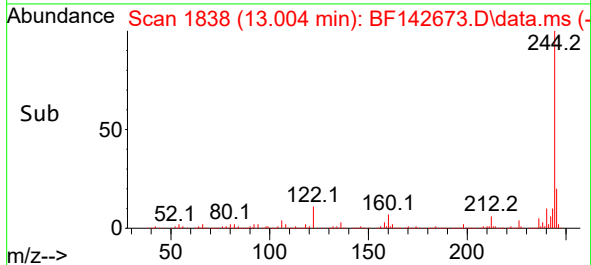
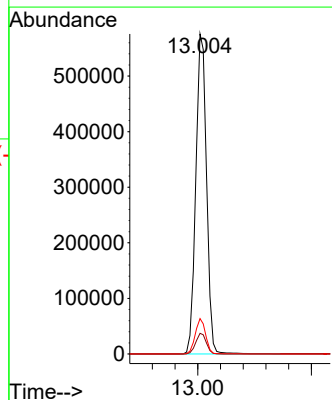
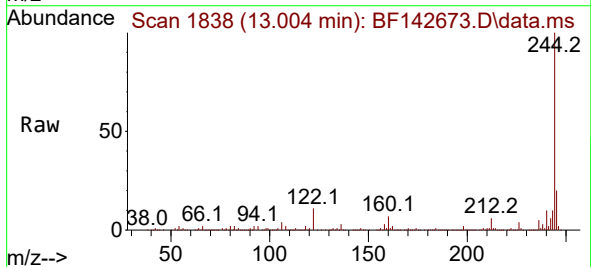
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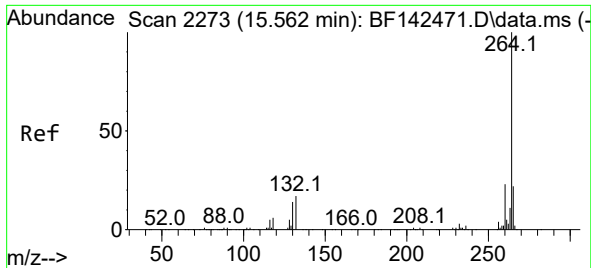
Tgt Ion:240 Resp: 266132
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.2 19.6 29.4



#79
Terphenyl-d14
Concen: 38.987 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.011 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

Tgt Ion:244 Resp: 759270
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.1 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142673.D
Acq: 07 Jun 2025 06:05

Instrument :
BNA_F
ClientSampleId :
TP-56

Tgt Ion:264 Resp: 283233
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 20.8 17.7 26.5

