

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142779.D
 Acq On : 18 Jun 2025 15:18
 Operator : RC/JU
 Sample : Q2341-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Jun 18 16:30:37 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	6.881	152	73174	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	280815	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	152884	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	259372	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	168411	20.000	ng	-0.01
86) Perylene-d12	15.545	264	164643	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	254751	59.294	ng	0.00
7) Phenol-d6	6.504	99	306900	60.697	ng	-0.02
23) Nitrobenzene-d5	7.439	82	188155	36.669	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	94331	56.297	ng	-0.02
45) 2-Fluorobiphenyl	9.239	172	434974	37.799	ng	-0.02
79) Terphenyl-d14	12.998	244	416088	33.933	ng	-0.01

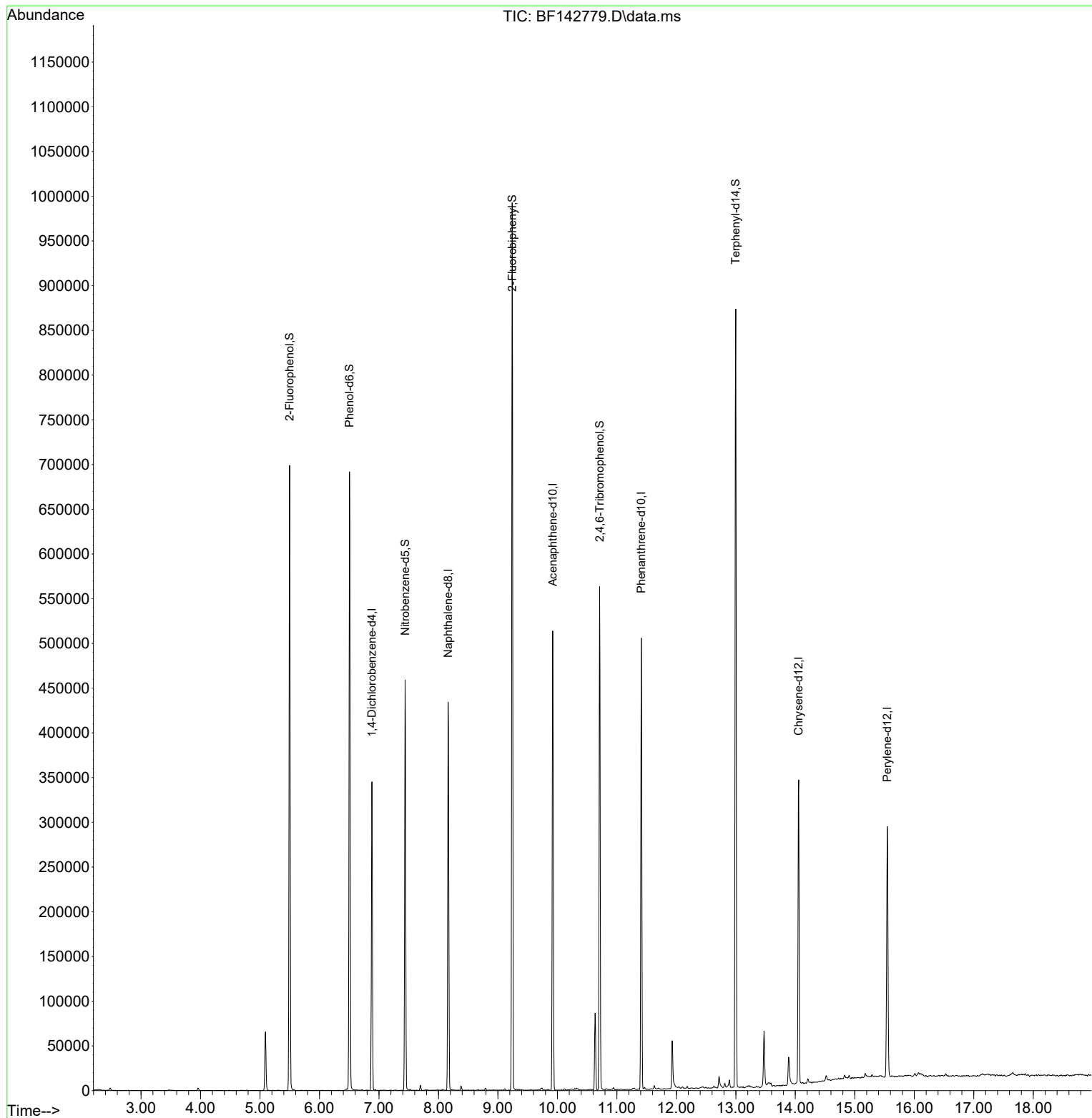
Target Compounds	Qvalue

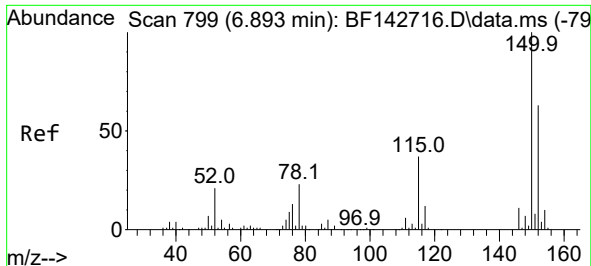
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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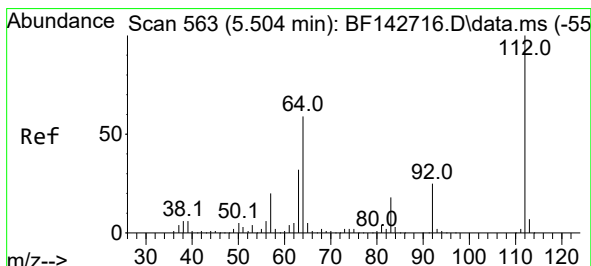
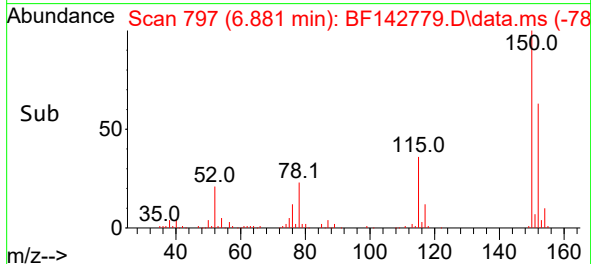
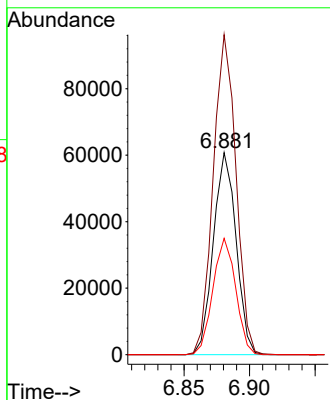
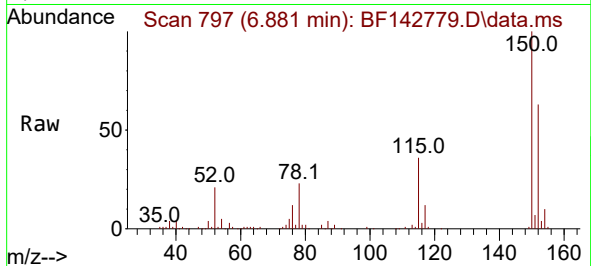




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

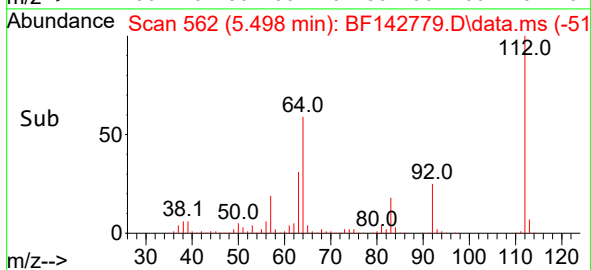
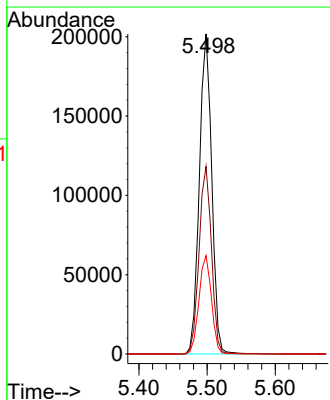
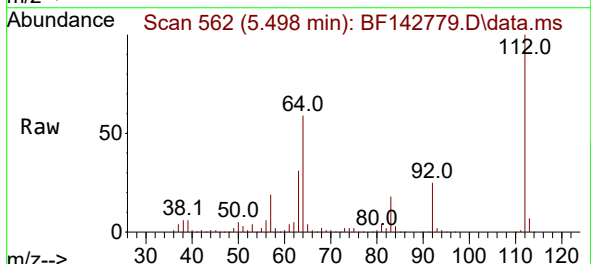
Instrument :
BNA_F
ClientSampleId :
TP-9

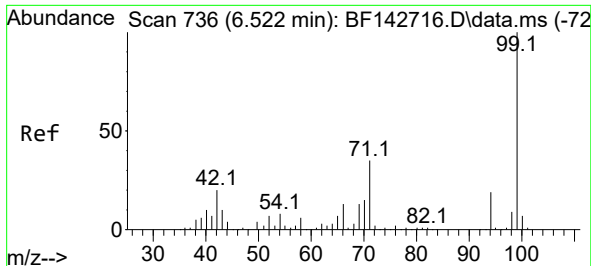
Tgt Ion:152 Resp: 73174
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 57.6 47.0 70.6



#5
2-Fluorophenol
Concen: 59.294 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

Tgt Ion:112 Resp: 254751
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.2
63 30.7 25.4 38.0

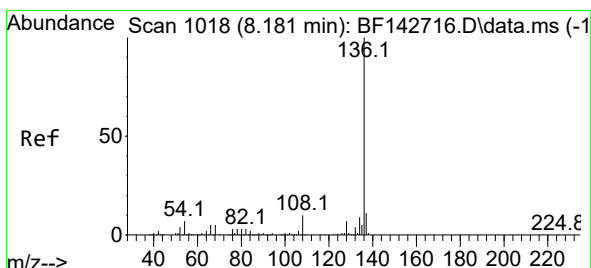
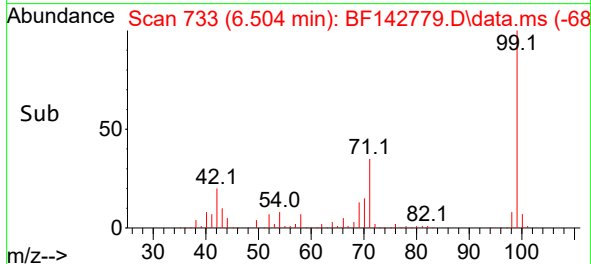
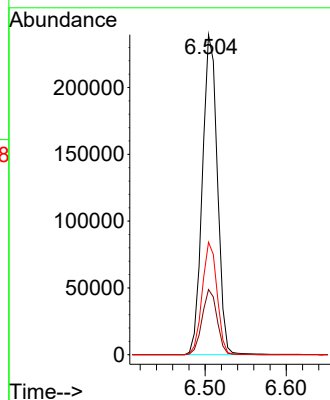
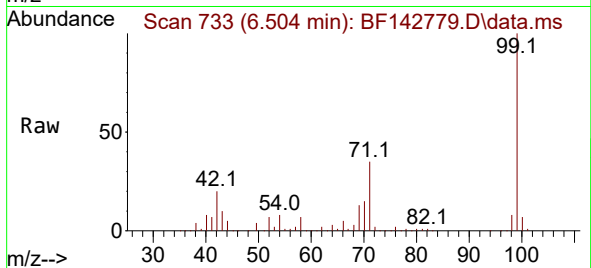




#7
Phenol-d6
Concen: 60.697 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

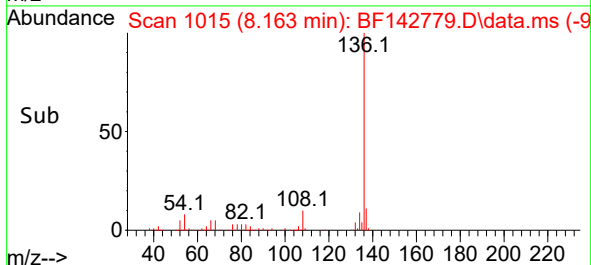
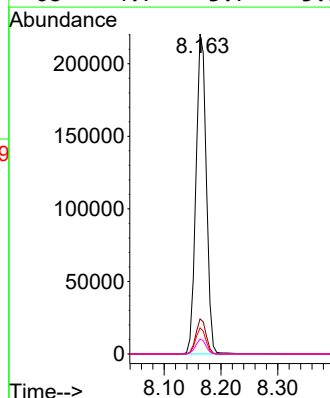
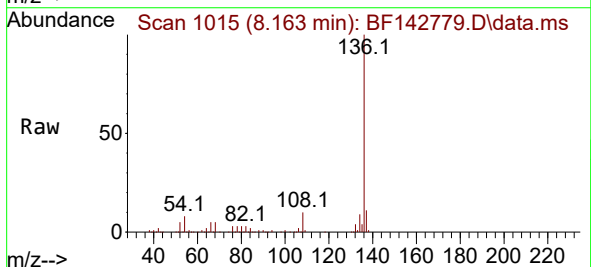
Instrument :
BNA_F
ClientSampleId :
TP-9

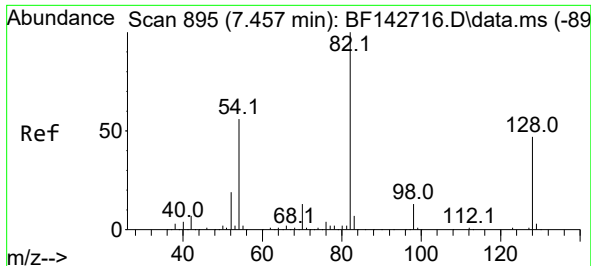
Tgt Ion: 99 Resp: 306900
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 35.2 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 136 Resp: 280815
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 5.9 8.9
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 36.669 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142779.D

Acq: 18 Jun 2025 15:18

Instrument :

BNA_F

ClientSampleId :

TP-9

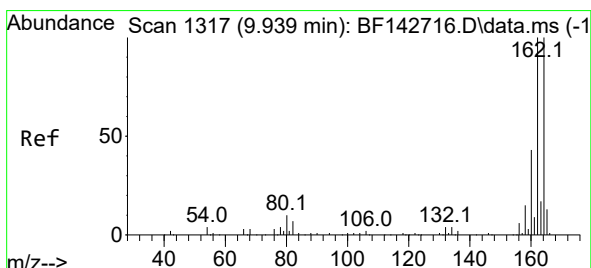
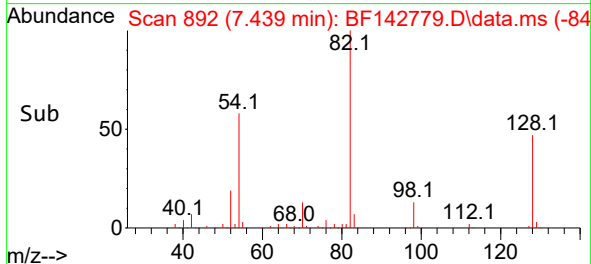
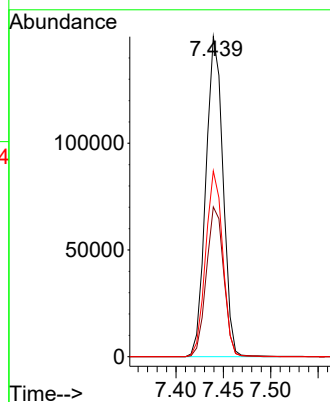
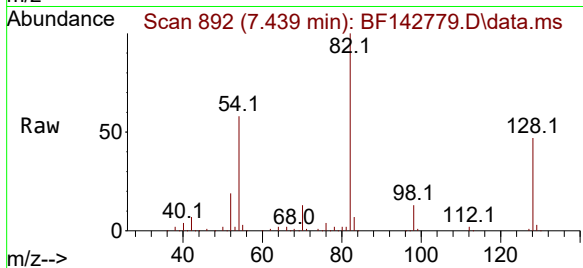
Tgt Ion: 82 Resp: 188155

Ion Ratio Lower Upper

82 100

128 46.8 37.8 56.8

54 58.0 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF142779.D

Acq: 18 Jun 2025 15:18

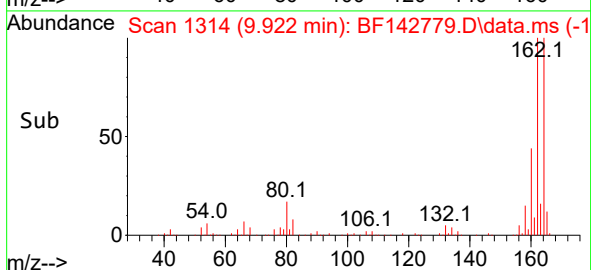
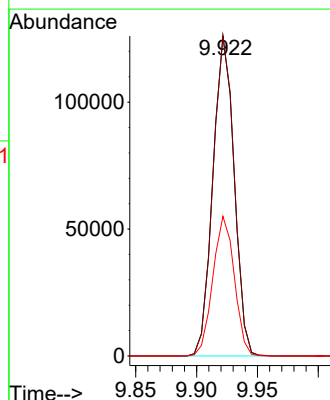
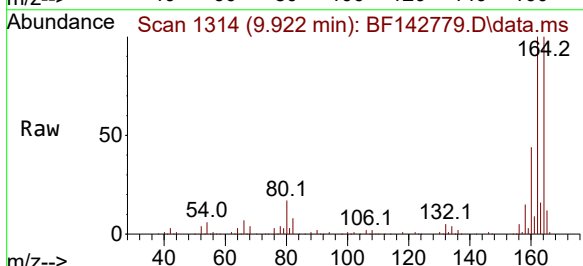
Tgt Ion:164 Resp: 152884

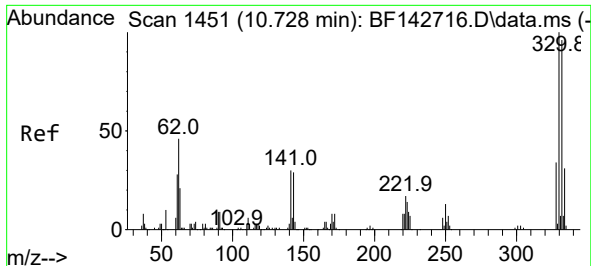
Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 43.7 34.8 52.2

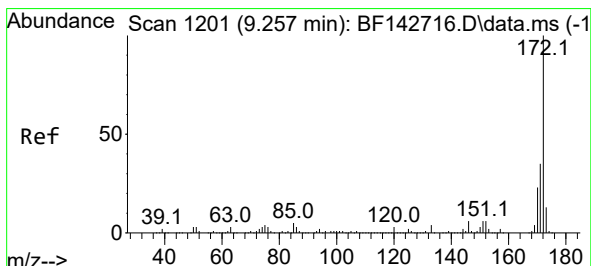
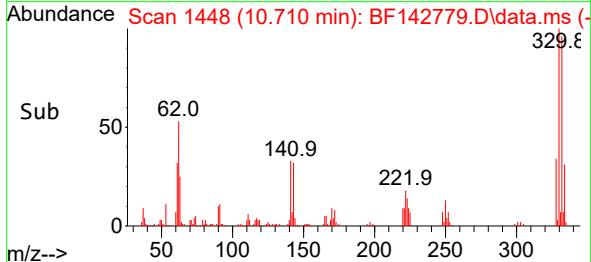
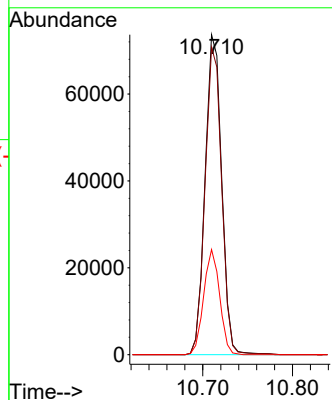
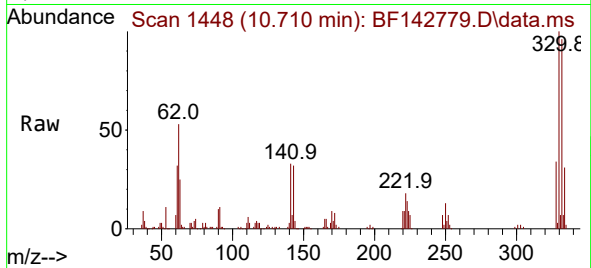




#42
2,4,6-Tribromophenol
Concen: 56.297 ng
RT: 10.710 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

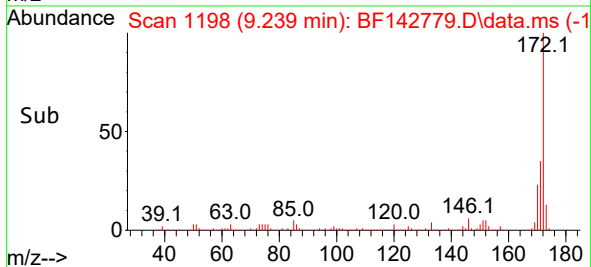
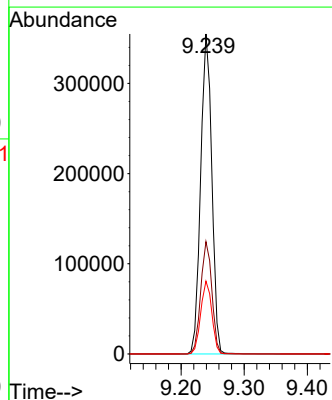
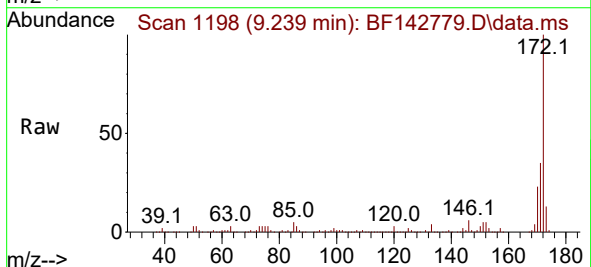
Instrument :
BNA_F
ClientSampleId :
TP-9

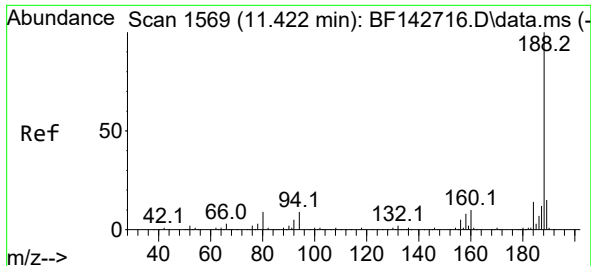
Tgt Ion:330 Resp: 94331
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 31.7 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 37.799 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

Tgt Ion:172 Resp: 434974
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.8 18.6 27.8

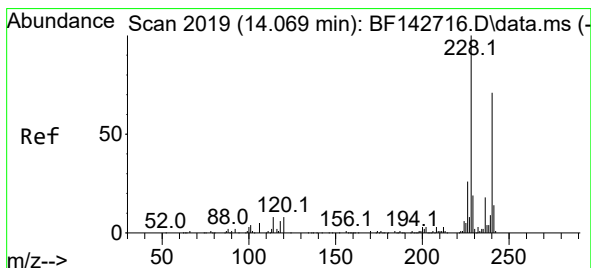
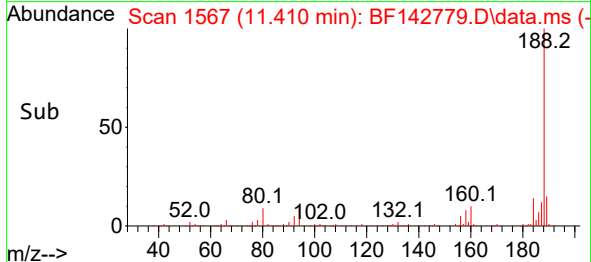
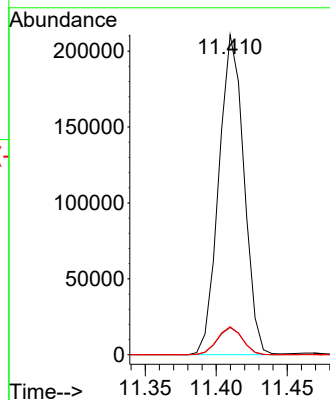
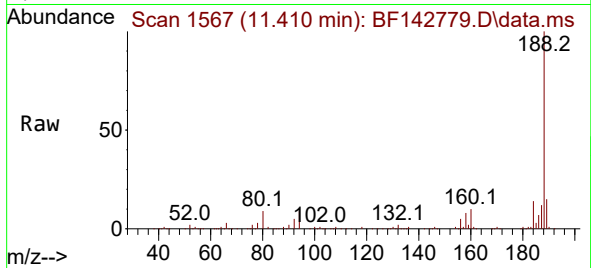




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

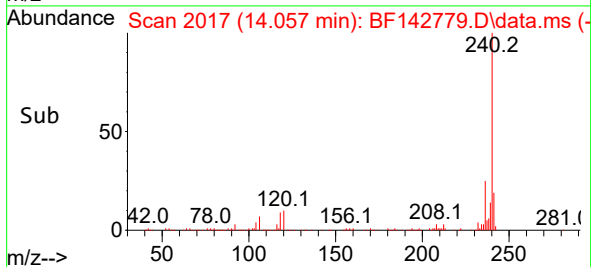
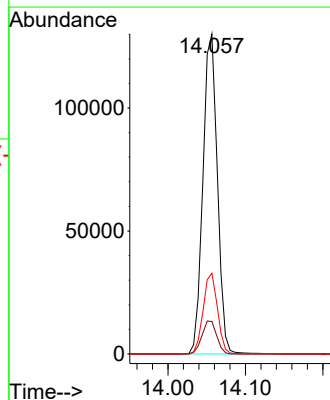
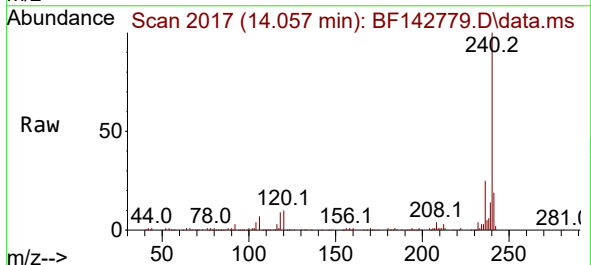
Instrument :
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TP-9

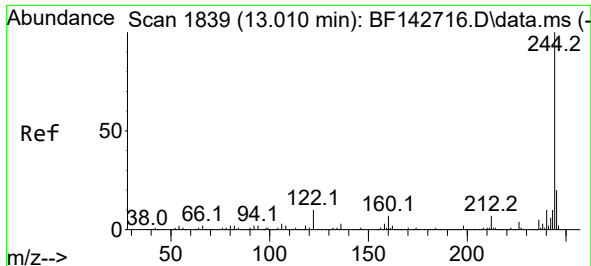
Tgt Ion:188 Resp: 259372
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.8 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142779.D
Acq: 18 Jun 2025 15:18

Tgt Ion:240 Resp: 168411
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.2 20.1 30.1

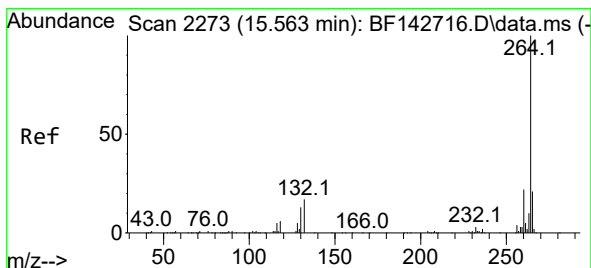
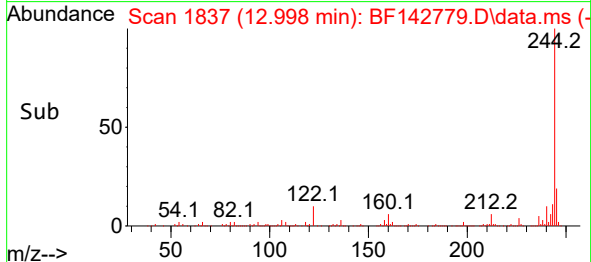
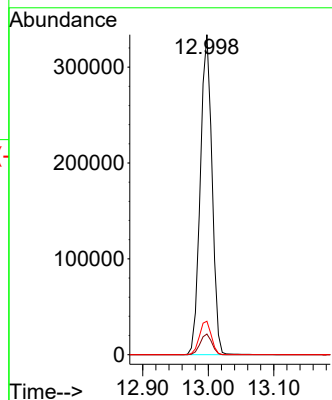
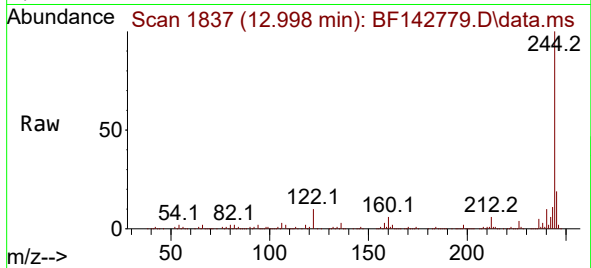




#79
 Terphenyl-d14
 Concen: 33.933 ng
 RT: 12.998 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF142779.D
 Acq: 18 Jun 2025 15:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 416088
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF142779.D
 Acq: 18 Jun 2025 15:18

Tgt Ion:264 Resp: 164643
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.6
 265 21.7 16.6 25.0

