

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142777.D
 Acq On : 18 Jun 2025 14:19
 Operator : RC/JU
 Sample : Q2333-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jun 18 14:49:32 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	75516	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	279917	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	151116	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	248862	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	179367	20.000	ng	-0.01
86) Perylene-d12	15.545	264	176221	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	302919	68.319	ng	0.00
7) Phenol-d6	6.504	99	227119	43.525	ng	-0.02
23) Nitrobenzene-d5	7.445	82	446599	87.316	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	223791	135.122	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	931307	81.877	ng	-0.01
79) Terphenyl-d14	12.998	244	906743	69.431	ng	-0.01

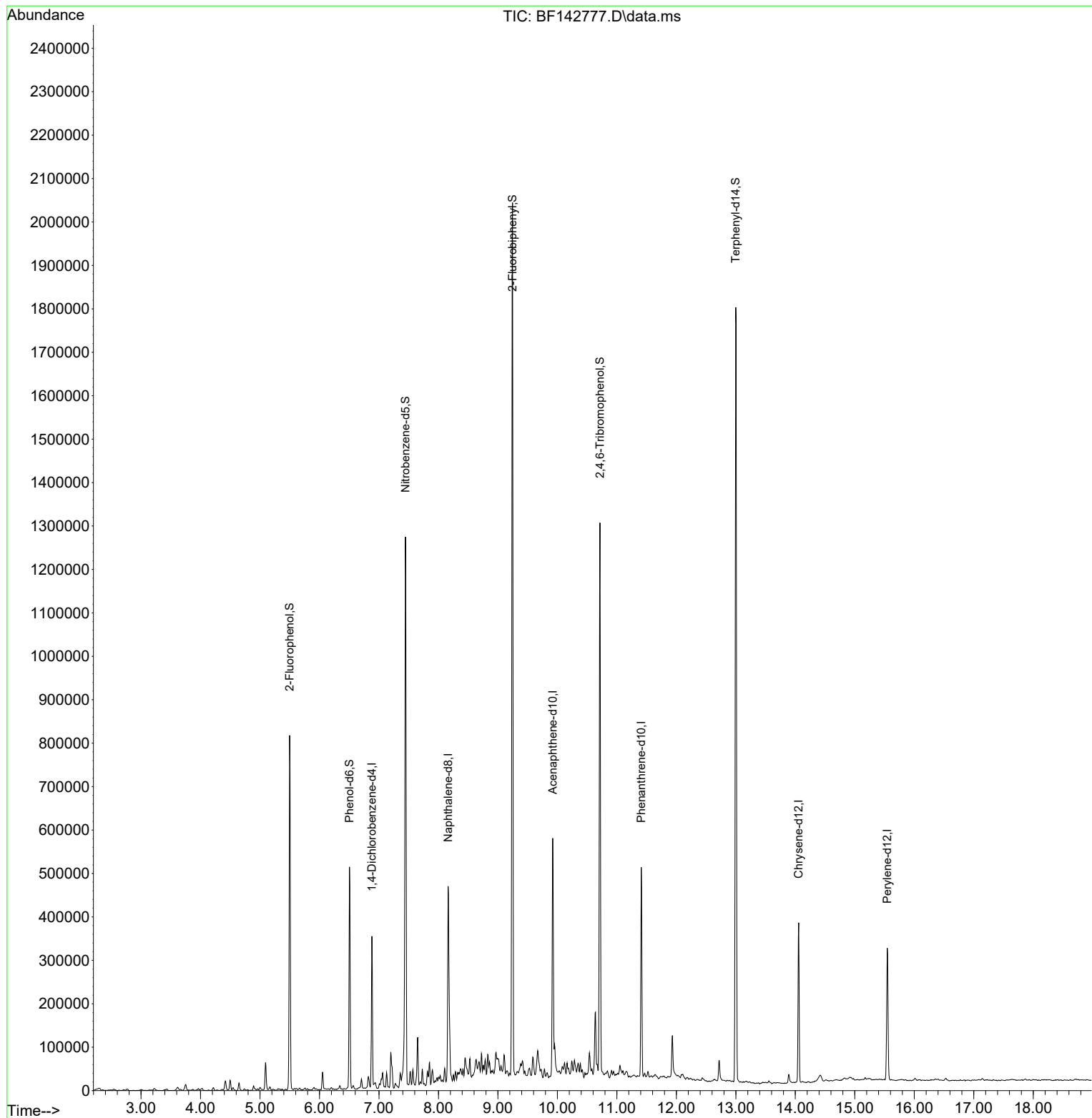
Target Compounds	Qvalue

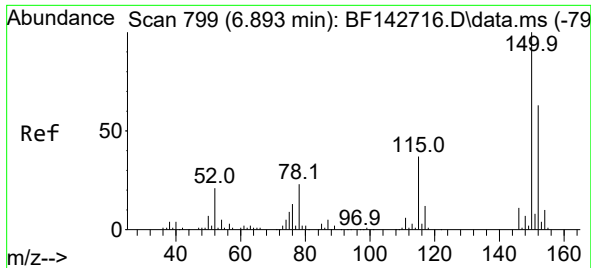
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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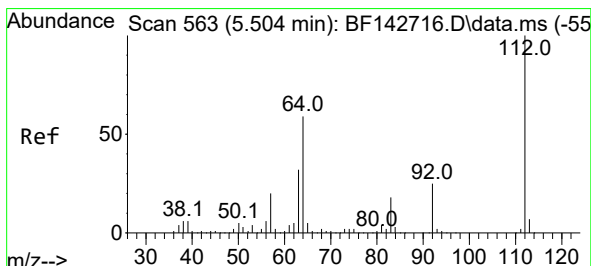
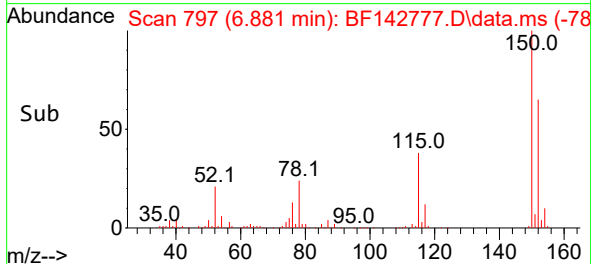
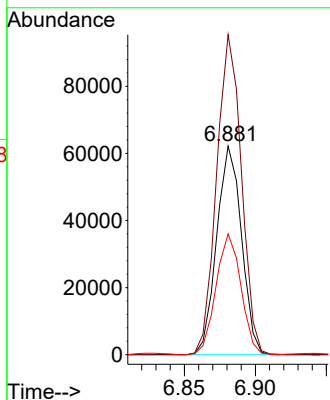
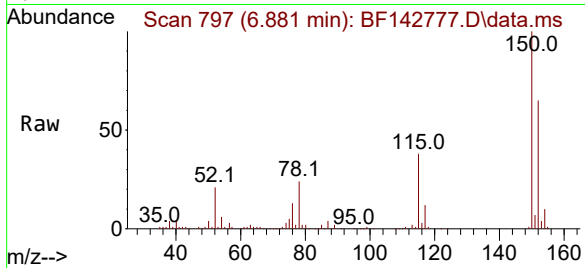




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

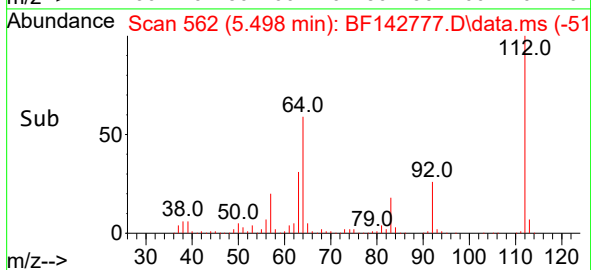
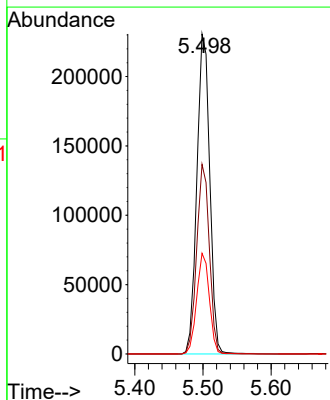
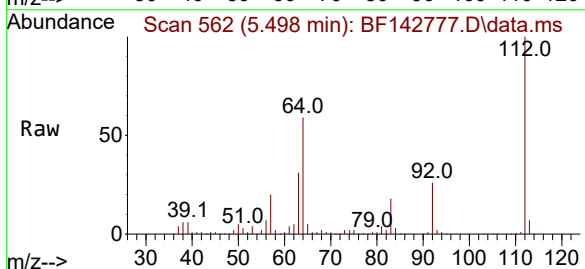
Instrument :
BNA_F
ClientSampleId :
MW-10

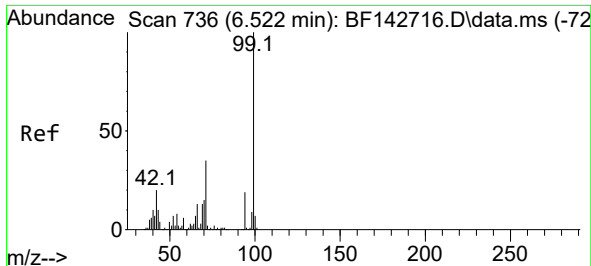
Tgt Ion:152 Resp: 75516
Ion Ratio Lower Upper
152 100
150 153.4 126.9 190.3
115 57.9 47.0 70.6



#5
2-Fluorophenol
Concen: 68.319 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion:112 Resp: 302919
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.2
63 31.5 25.4 38.0

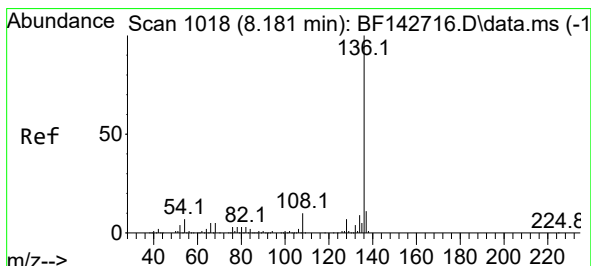
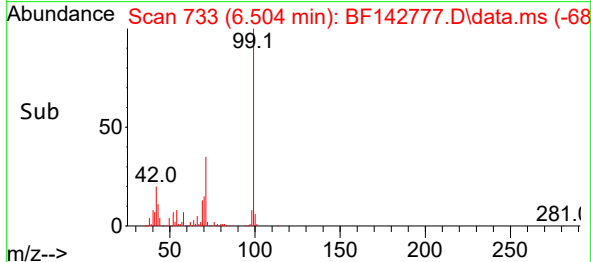
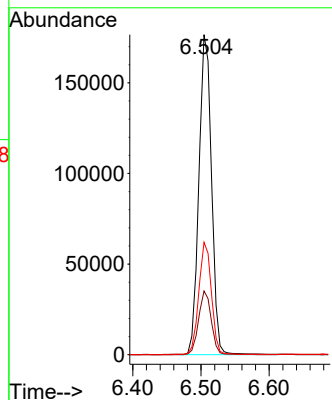
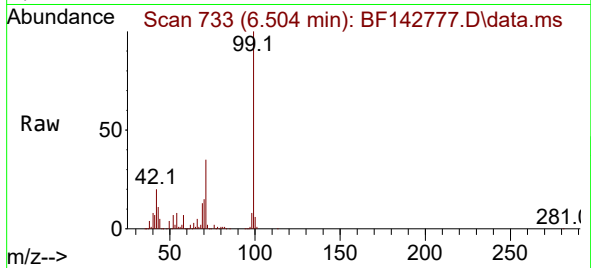




#7
Phenol-d6
Concen: 43.525 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

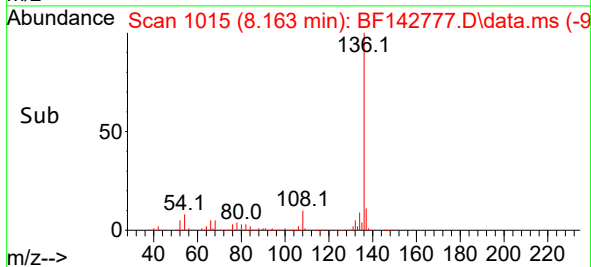
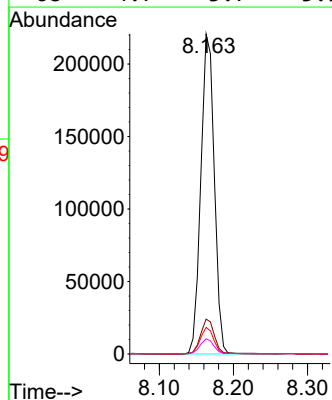
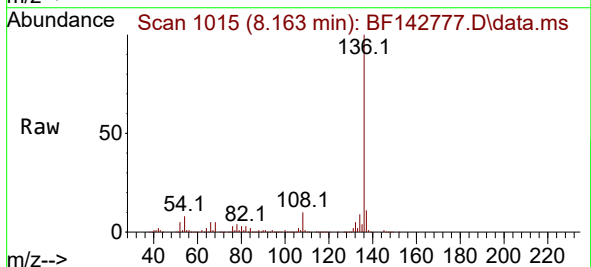
Instrument :
BNA_F
ClientSampleId :
MW-10

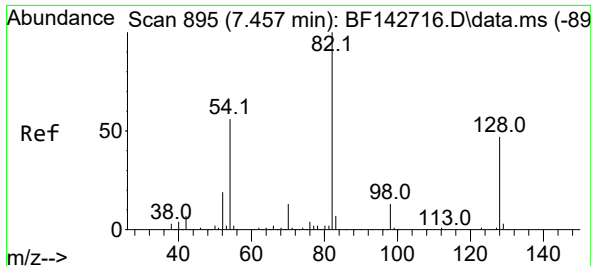
Tgt Ion: 99 Resp: 227119
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.1 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion: 136 Resp: 279917
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.3 5.9 8.9
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.316 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142777.D

Acq: 18 Jun 2025 14:19

Instrument :

BNA_F

ClientSampleId :

MW-10

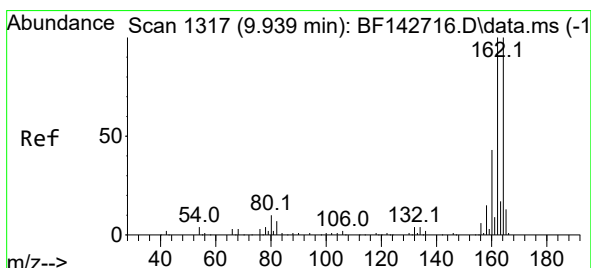
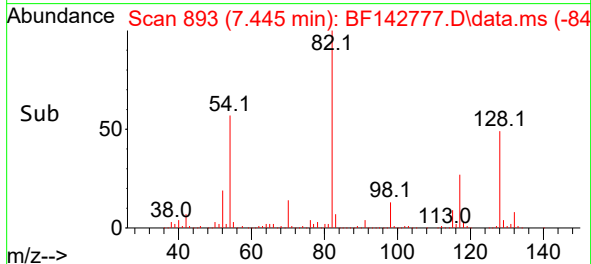
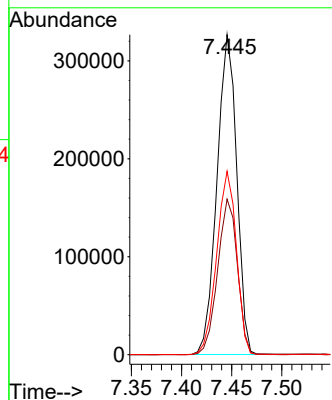
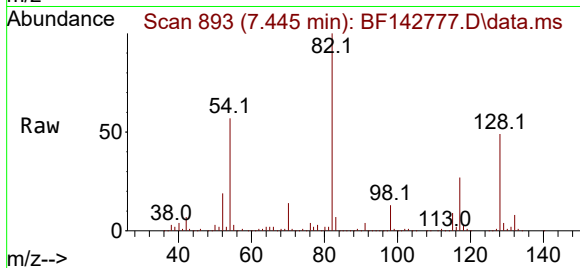
Tgt Ion: 82 Resp: 446599

Ion Ratio Lower Upper

82 100

128 48.6 37.8 56.8

54 57.3 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: BF142777.D

Acq: 18 Jun 2025 14:19

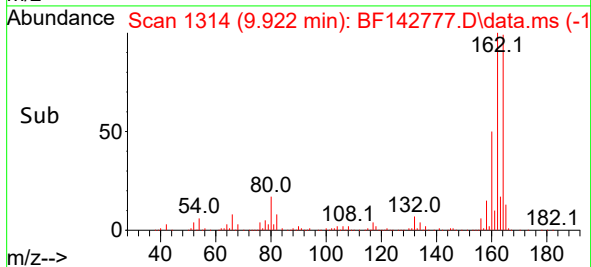
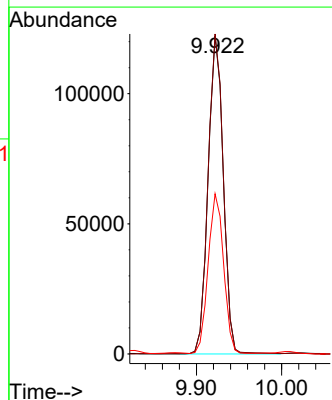
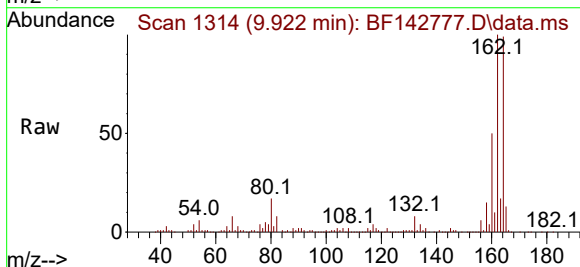
Tgt Ion:164 Resp: 151116

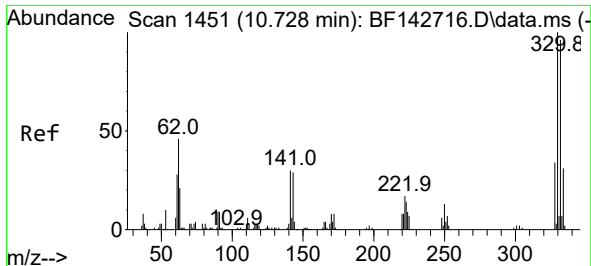
Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

160 50.4 34.8 52.2

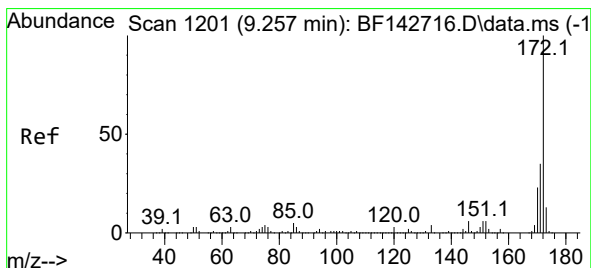
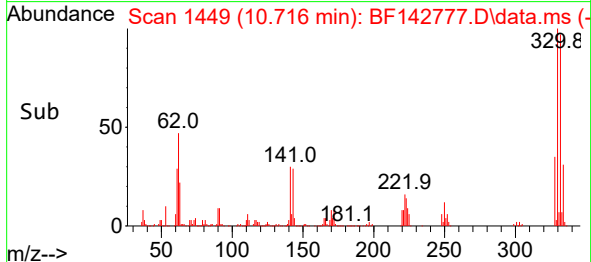
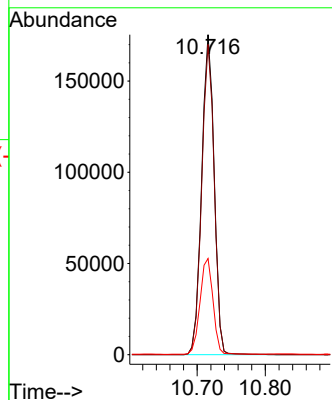
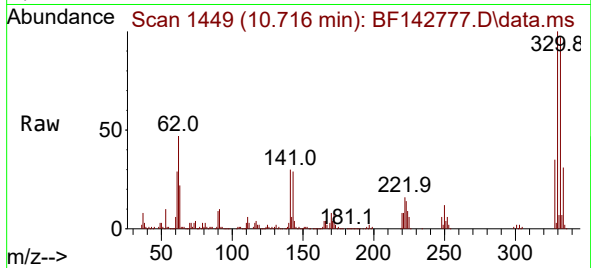




#42
2,4,6-Tribromophenol
Concen: 135.122 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

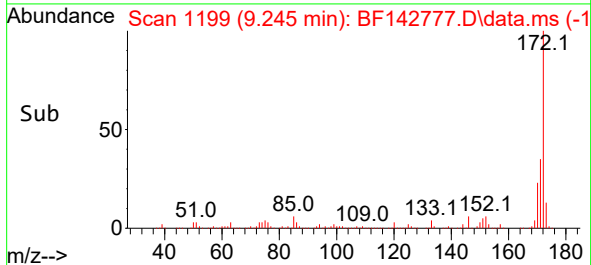
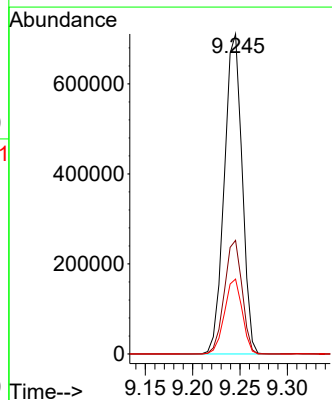
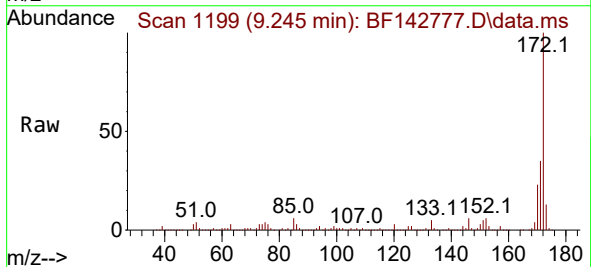
Instrument :
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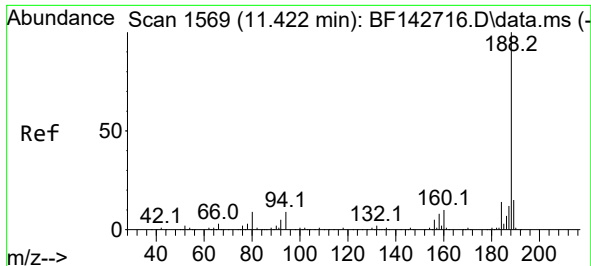
Tgt Ion:330 Resp: 223791
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 31.0 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 81.877 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion:172 Resp: 931307
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 27.8

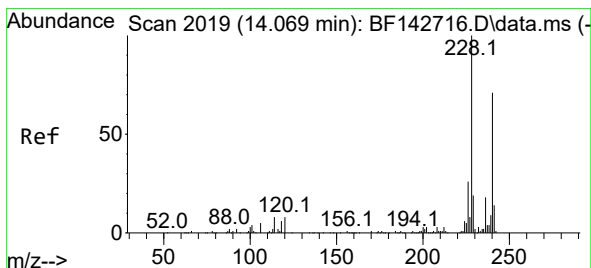
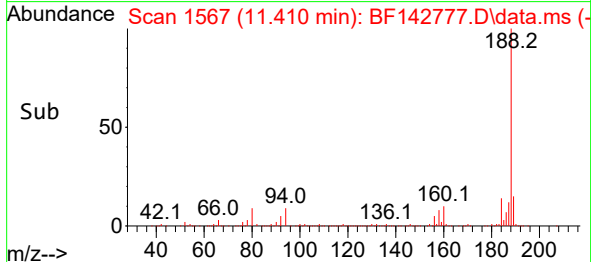
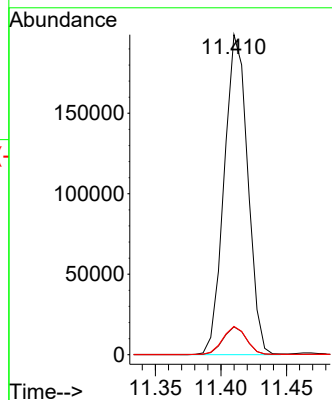
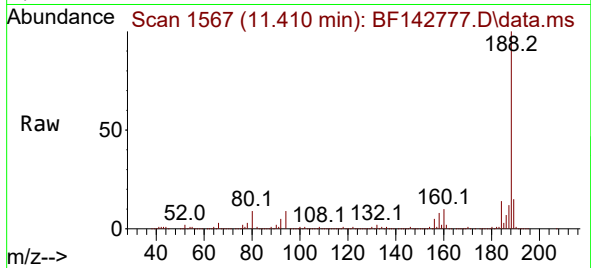




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

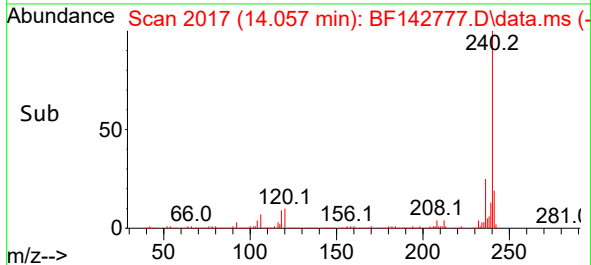
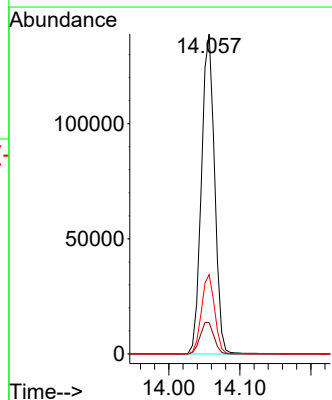
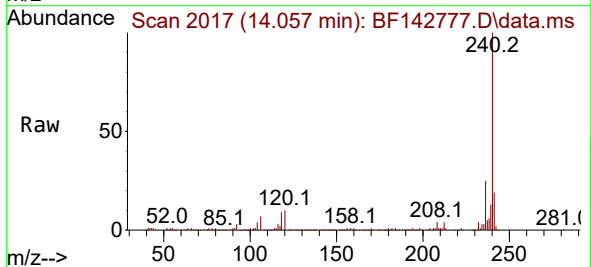
Instrument :
BNA_F
ClientSampleId :
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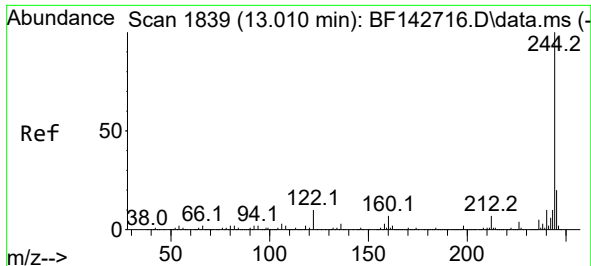
Tgt Ion:188 Resp: 248862
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 8.9 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion:240 Resp: 179367
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 24.8 20.1 30.1





#79

Terphenyl-d14

Concen: 69.431 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142777.D

Acq: 18 Jun 2025 14:19

Instrument :

BNA_F

ClientSampleId :

MW-10

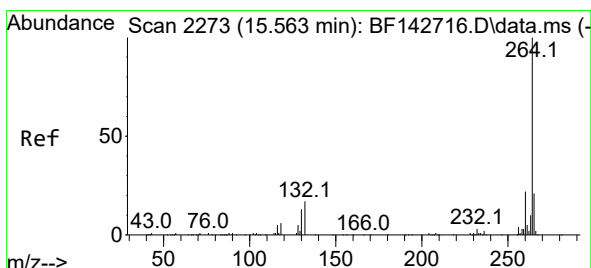
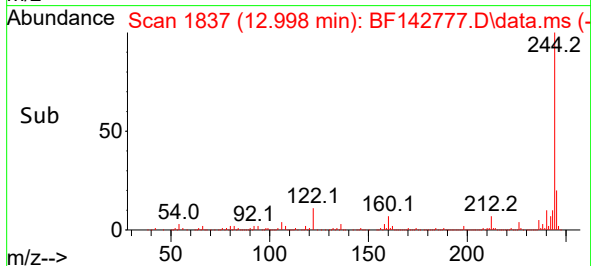
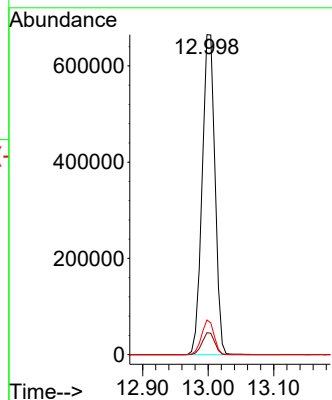
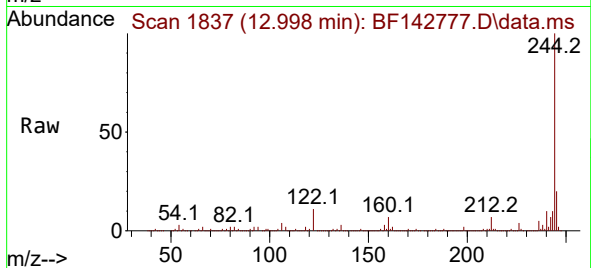
Tgt Ion:244 Resp: 906743

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.9 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: BF142777.D

Acq: 18 Jun 2025 14:19

Tgt Ion:264 Resp: 176221

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.0 16.6 25.0

