

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)

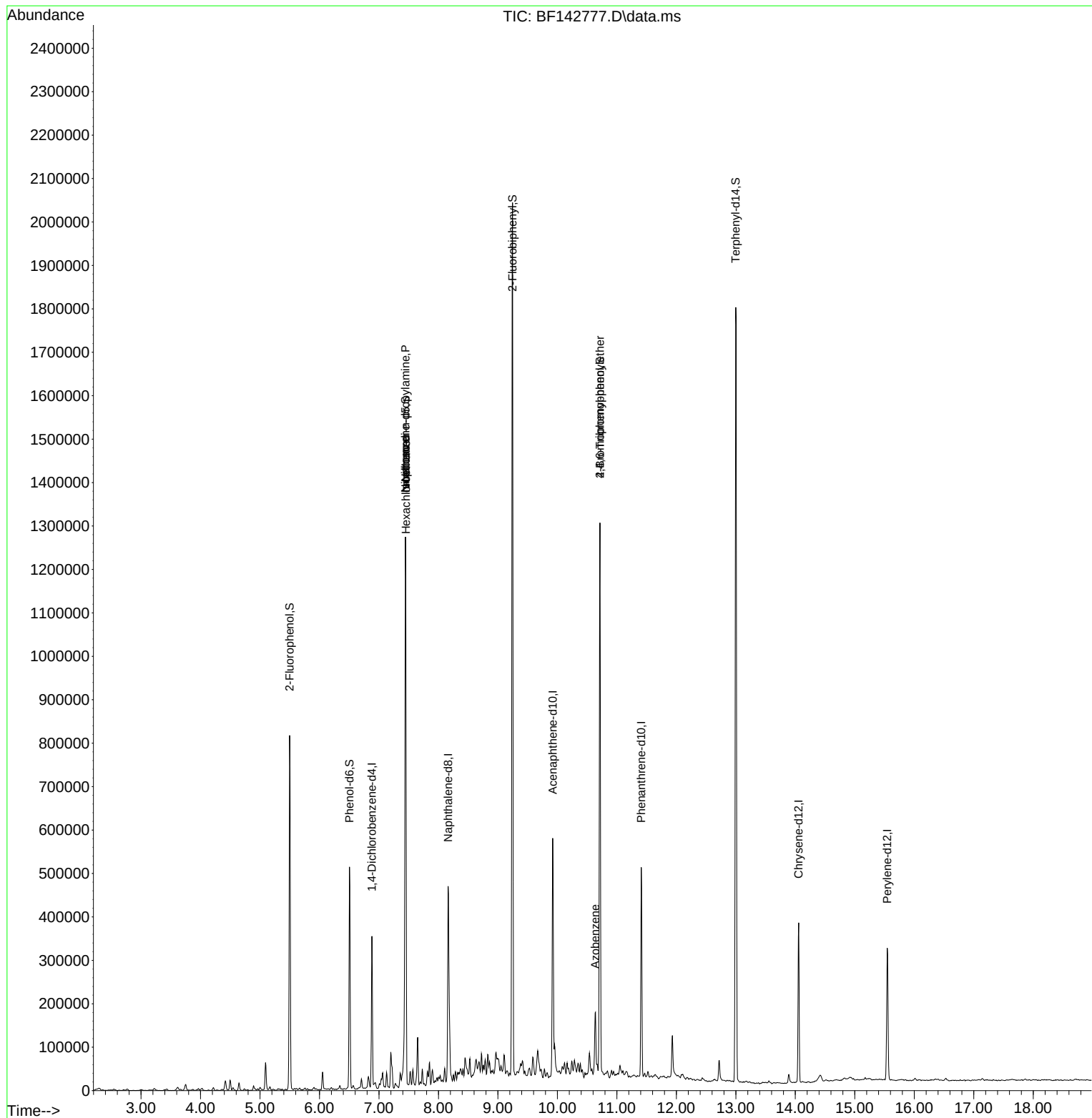
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75516	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	279917	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	151116	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	248862	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	179367	20.000	ng	-0.01
86) Perylene-d12	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
18) Hexachloroethane	7.451	117	144672	72.237	ng	# 3
19) n-Nitroso-di-n-propyla...	7.445	70	60142	18.105	ng	# 79
25) Isophorone	7.445	82	445168	51.405	ng	# 63
63) Azobenzene	10.633	77	30441	3.483	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	14389	4.898	ng	# 1

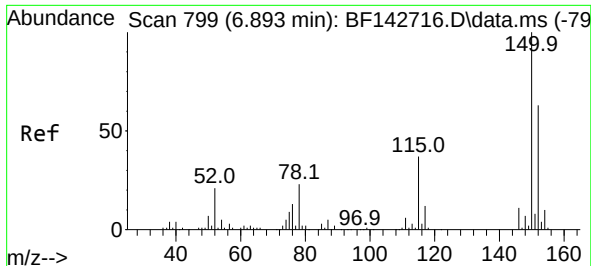
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142777.D
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Instrument :
BNA_F
ClientSampleId :
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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

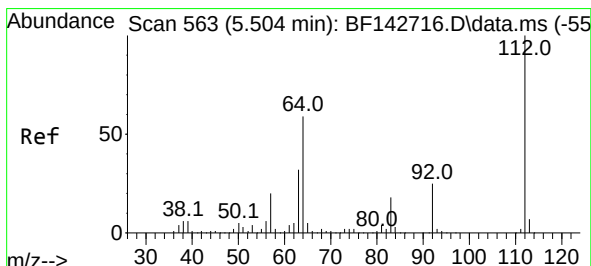
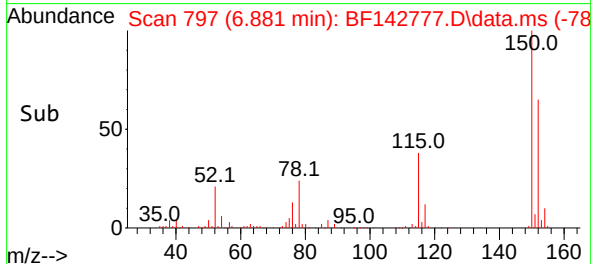
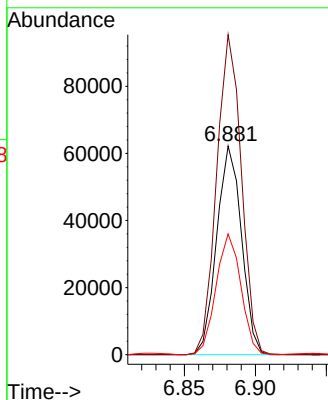
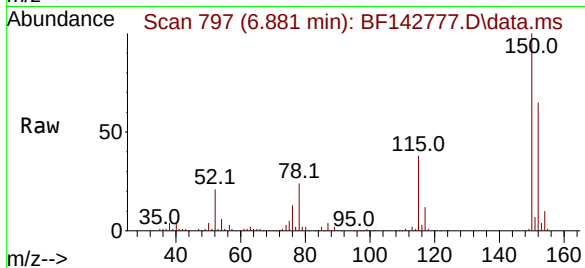




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142777.D
 Acq: 18 Jun 2025 14:19

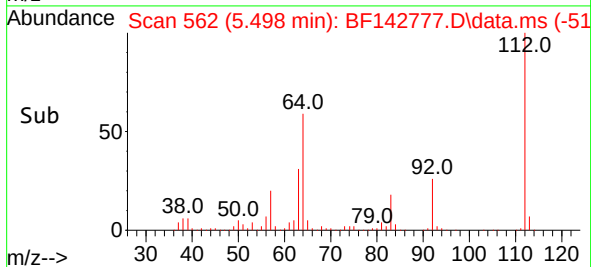
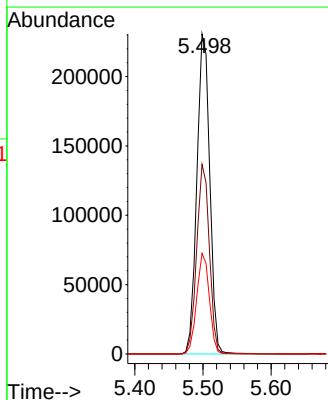
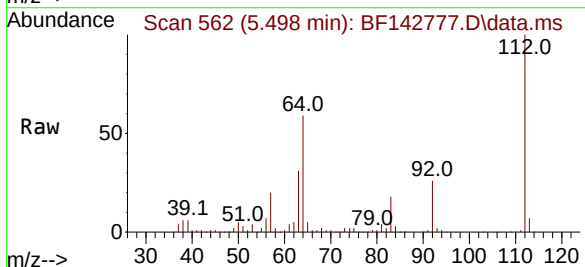
Instrument :
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 ClientSampleId :
 MW-10

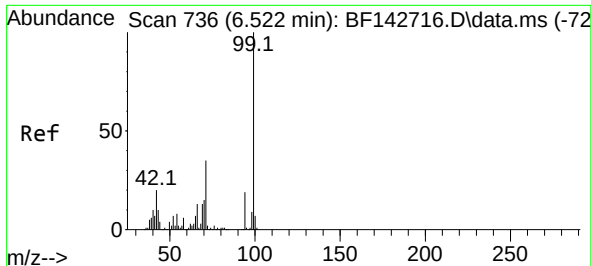
Tgt Ion:152 Resp: 75516
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.9 190.3
 115 57.9 47.0 70.6



#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

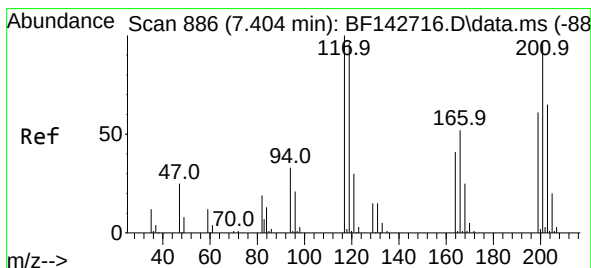
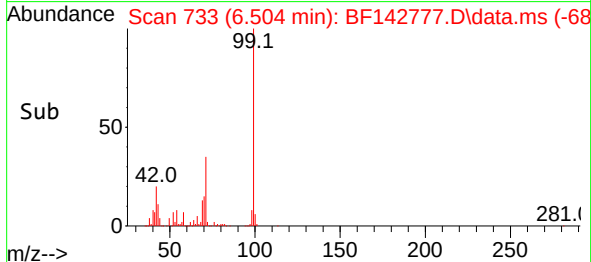
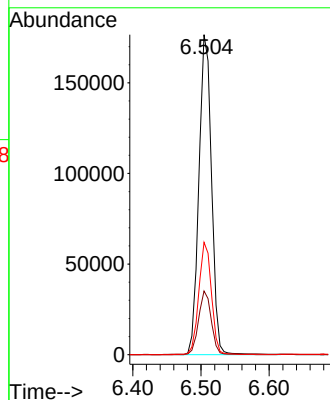
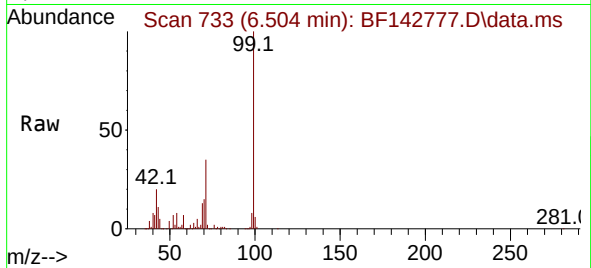




#7
Phenol-d6
Concen: 43.525 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

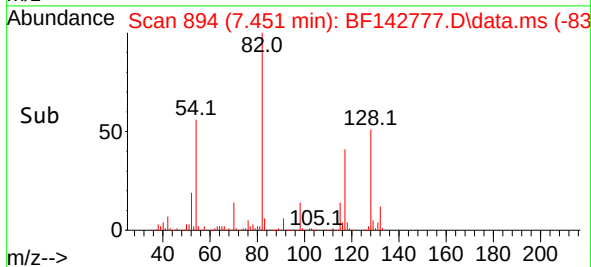
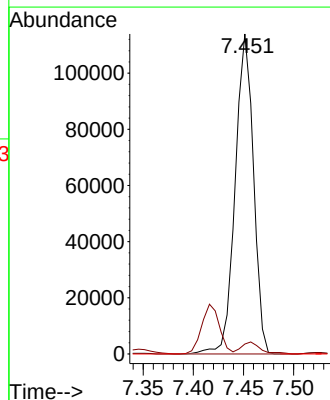
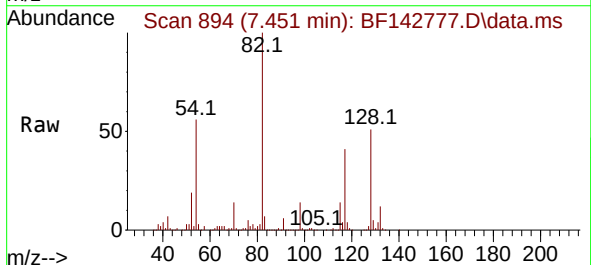
Instrument :
BNA_F
ClientSampleId :
MW-10

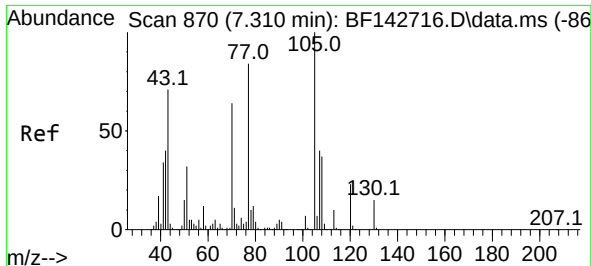
Tgt Ion: 99 Resp: 227119
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.1 28.0 42.0



#18
Hexachloroethane
Concen: 72.237 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.047 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion: 117 Resp: 144672
Ion Ratio Lower Upper
117 100
119 3.1 76.4 114.6#
201 0.0 77.8 116.6#

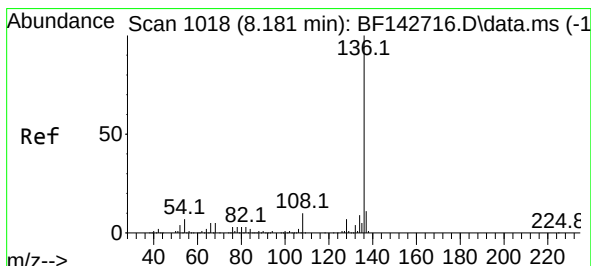
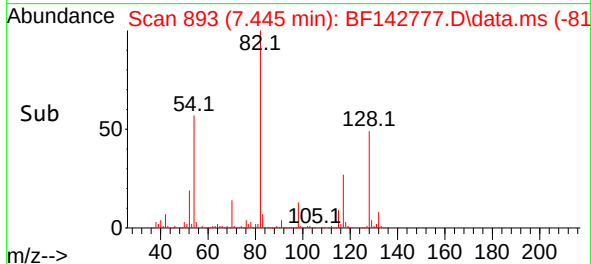
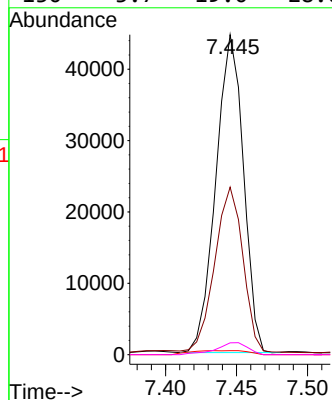
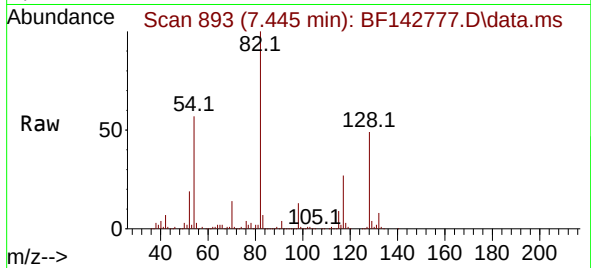




#19
n-Nitroso-di-n-propylamine
Concen: 18.105 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

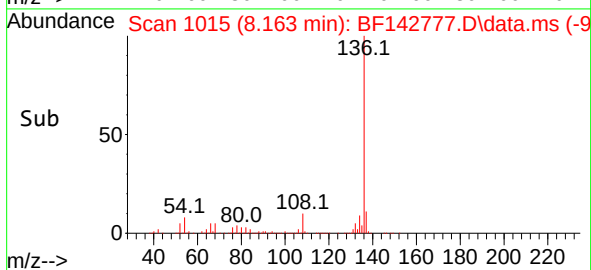
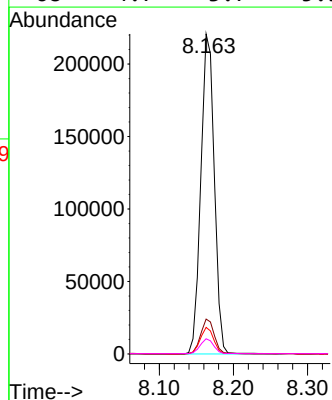
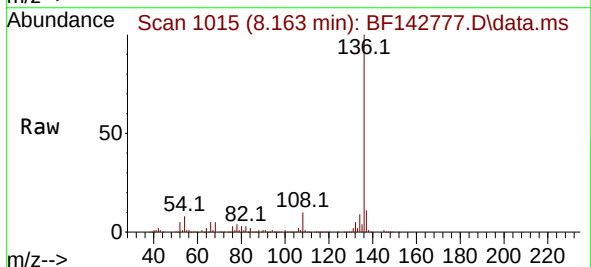
Instrument :
BNA_F
ClientSampleId :
MW-10

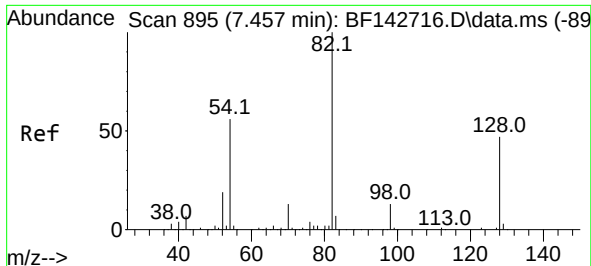
Tgt Ion: 70 Resp: 60142
Ion Ratio Lower Upper
70 100
42 52.3 50.2 75.4
101 1.3 8.3 12.5#
130 3.7 19.0 28.6#



#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

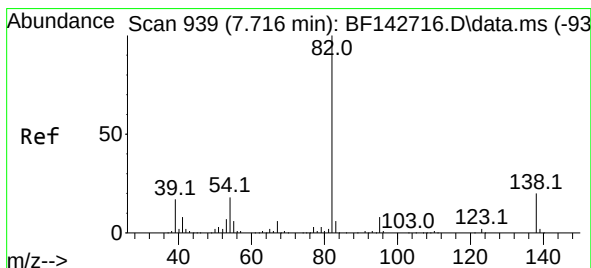
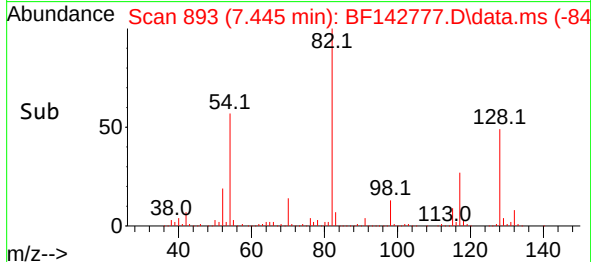
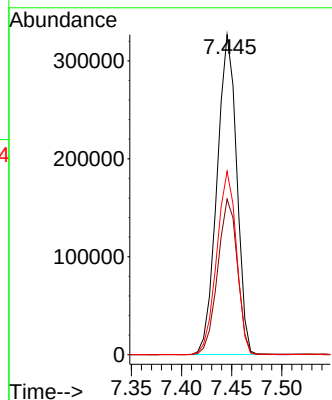
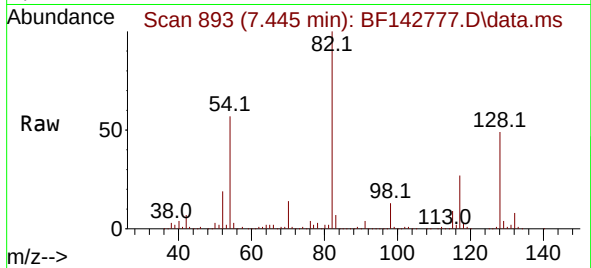




#23
Nitrobenzene-d5
Concen: 87.316 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

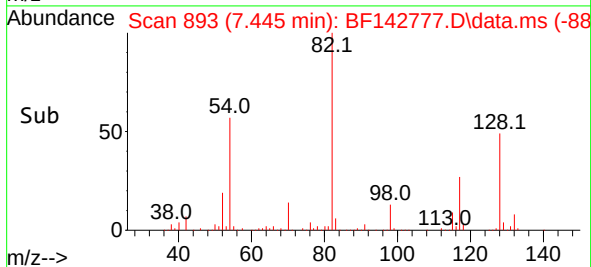
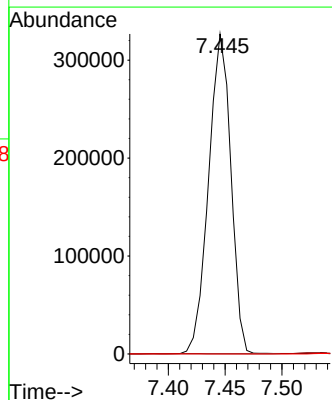
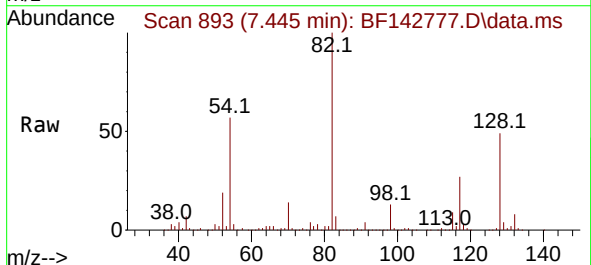
Instrument :
BNA_F
ClientSampleId :
MW-10

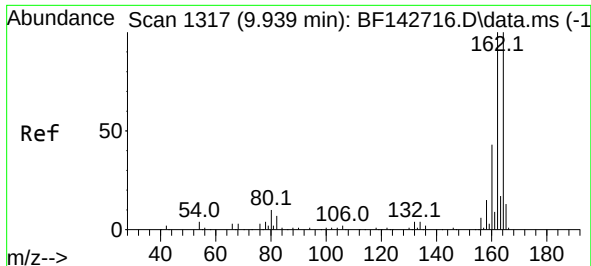
Tgt Ion: 82 Resp: 446599
Ion Ratio Lower Upper
82 100
128 48.6 37.8 56.8
54 57.3 44.9 67.3



#25
Isophorone
Concen: 51.405 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion: 82 Resp: 445168
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 15.8 23.6#

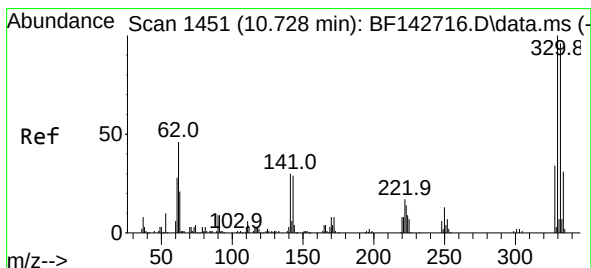
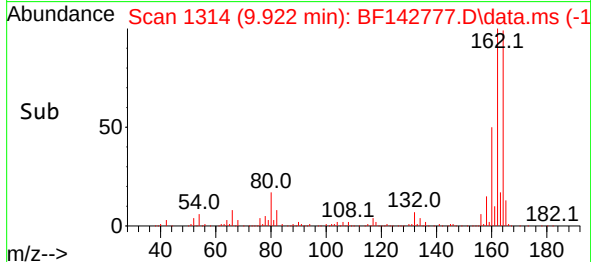
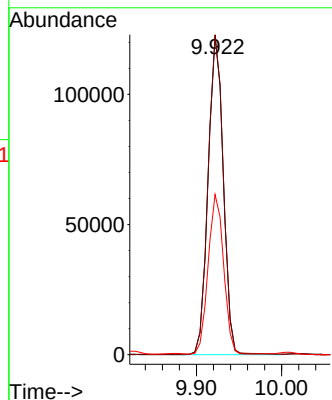
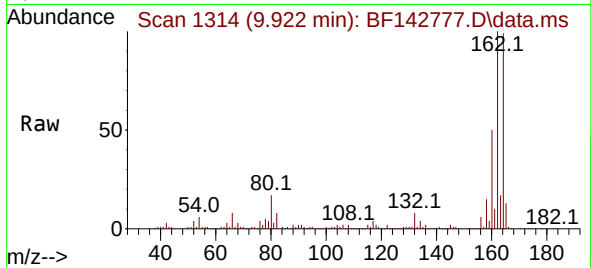




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

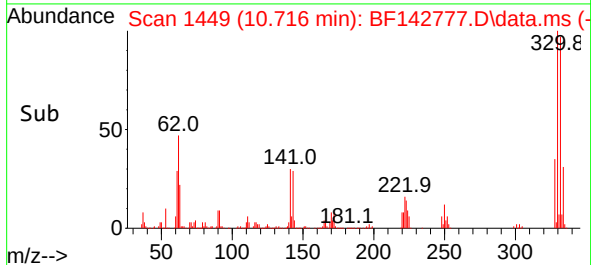
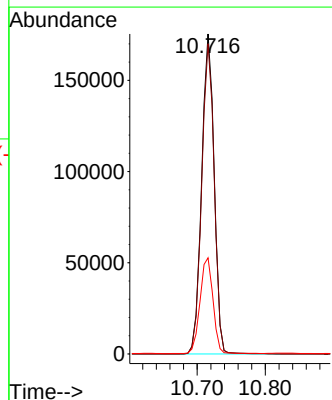
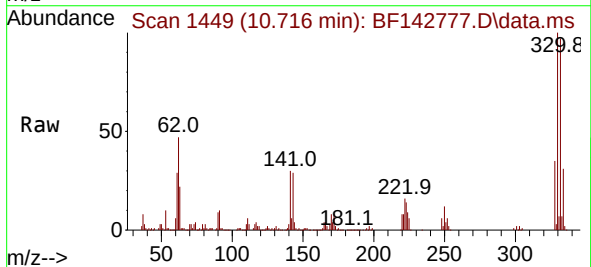
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BNA_F
ClientSampleId :
MW-10

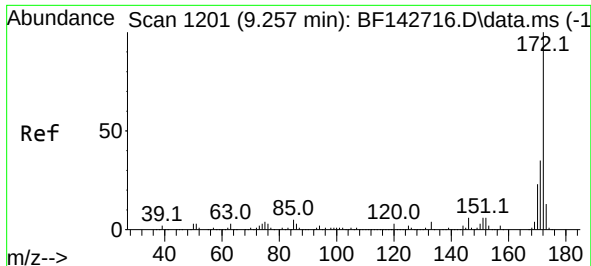
Tgt Ion:164 Resp: 151116
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 50.4 34.8 52.2



#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

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

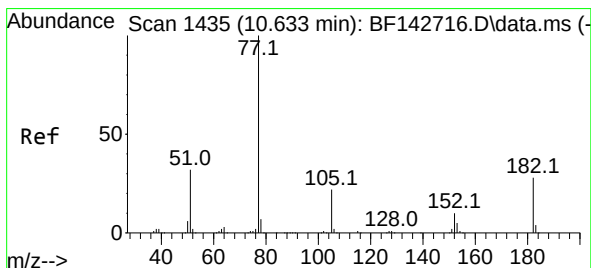
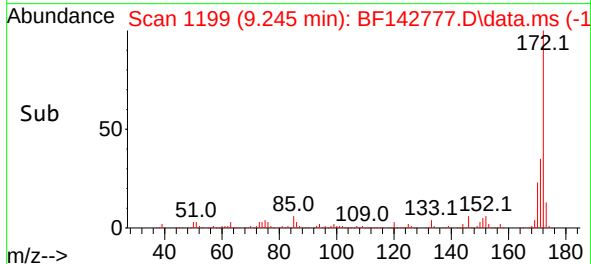
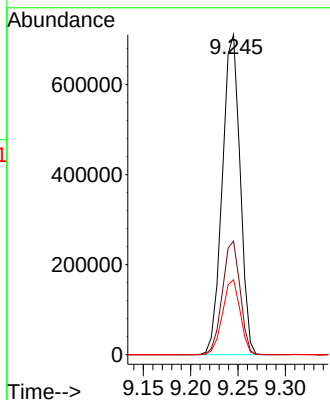
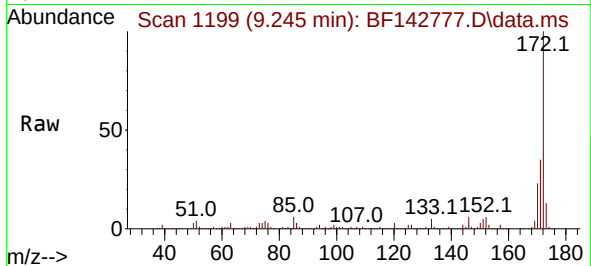




#45
2-Fluorobiphenyl
Concen: 81.877 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

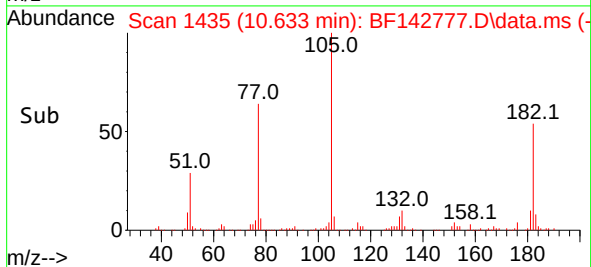
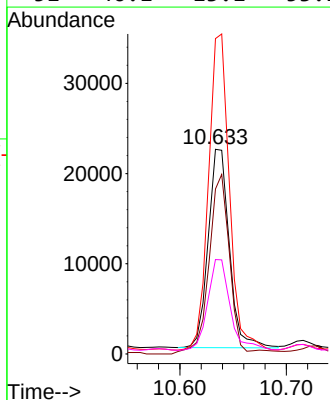
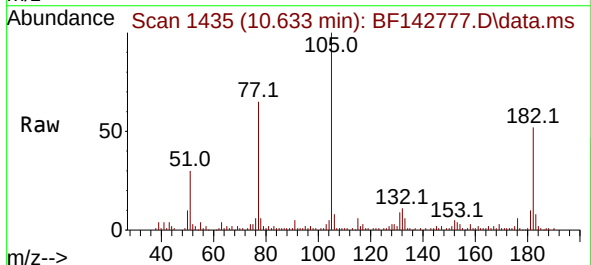
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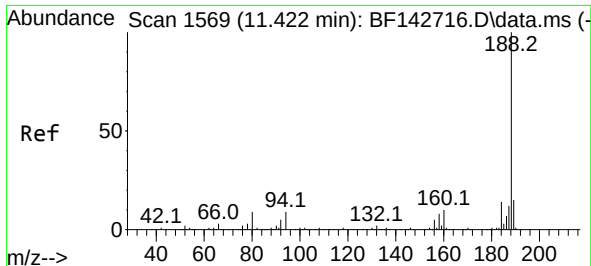
Tgt Ion:172 Resp: 931307
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 27.8



#63
Azobenzene
Concen: 3.483 ng
RT: 10.633 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion: 77 Resp: 30441
Ion Ratio Lower Upper
77 100
182 80.6 7.8 47.8#
105 154.0 1.9 41.9#
51 46.1 13.1 53.1

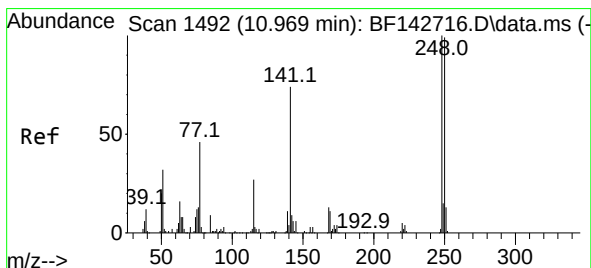
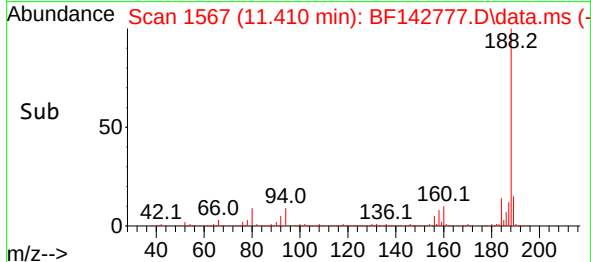
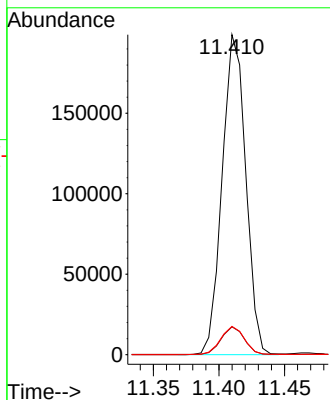
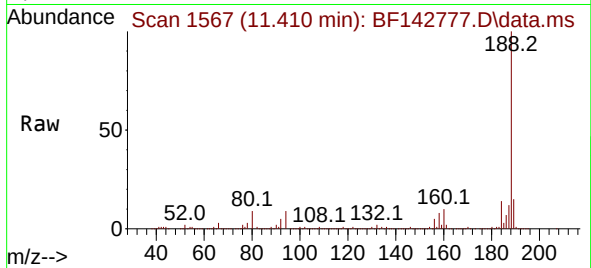




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

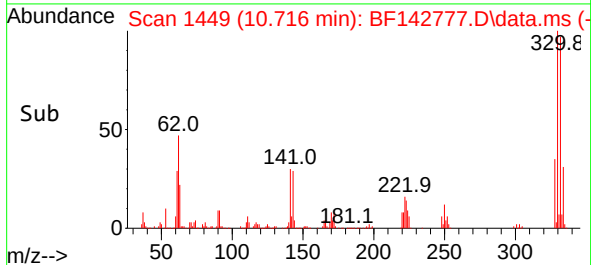
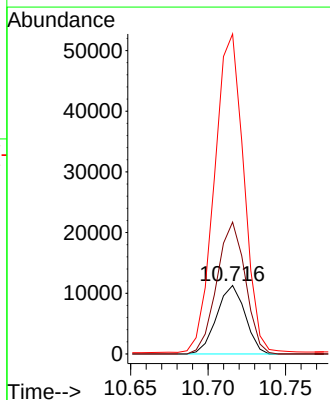
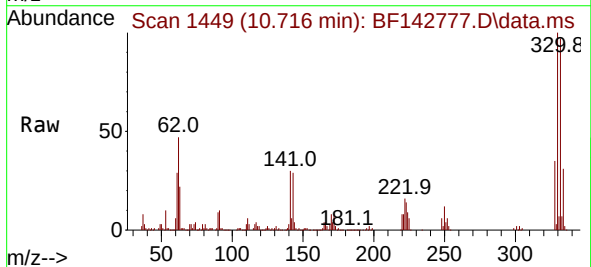
Instrument :
BNA_F
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MW-10

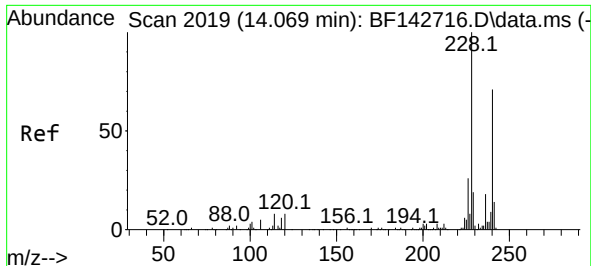
Tgt Ion:188 Resp: 248862
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 8.9 7.1 10.7



#67
4-Bromophenyl-phenylether
Concen: 4.898 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Tgt Ion:248 Resp: 14389
Ion Ratio Lower Upper
248 100
250 192.7 79.2 118.8#
141 467.4 59.3 88.9#

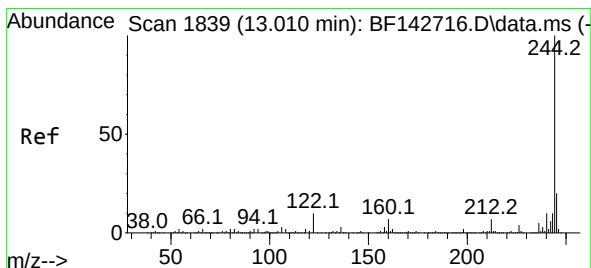
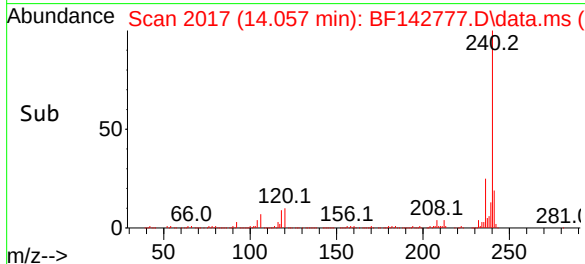
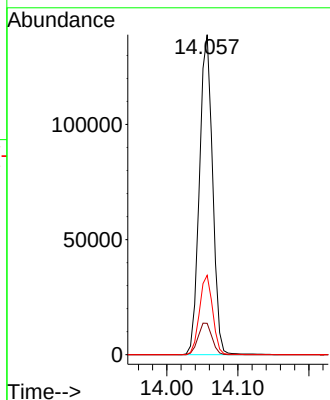
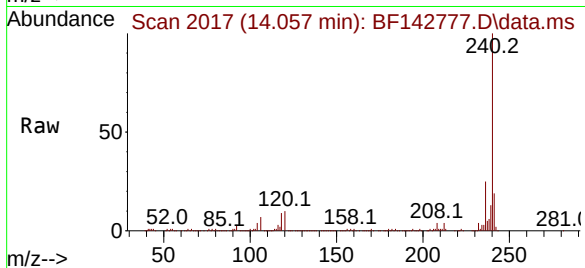




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

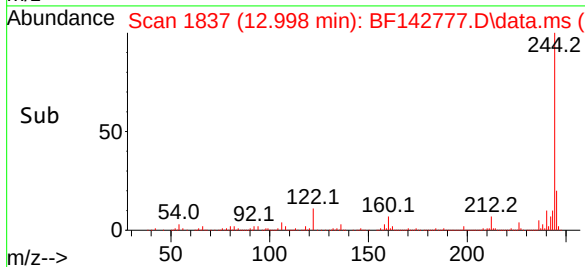
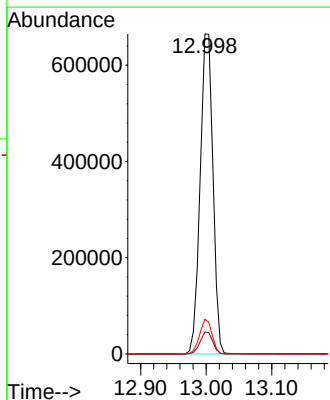
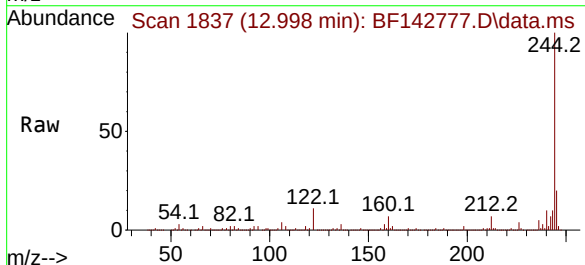
Instrument :
BNA_F
ClientSampleId :
MW-10

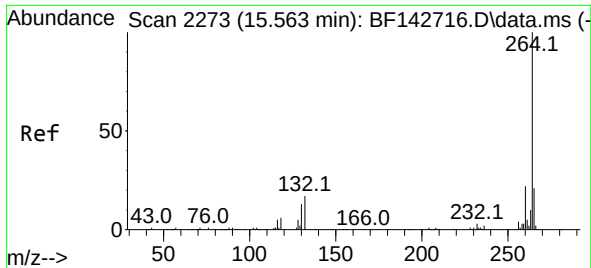
Tgt Ion:240 Resp: 179367
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 24.8 20.1 30.1



#79
Terphenyl-d14
Concen: 69.431 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

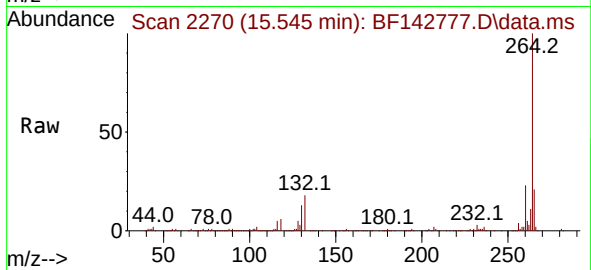
Tgt Ion:244 Resp: 906743
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142777.D
Acq: 18 Jun 2025 14:19

Instrument :
BNA_F
ClientSampleId :
MW-10



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

