

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142754.D
 Acq On : 12 Jun 2025 13:29
 Operator : RC/JU
 Sample : Q2268-07DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-20250605DL

Quant Time: Jun 12 13:57:01 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)

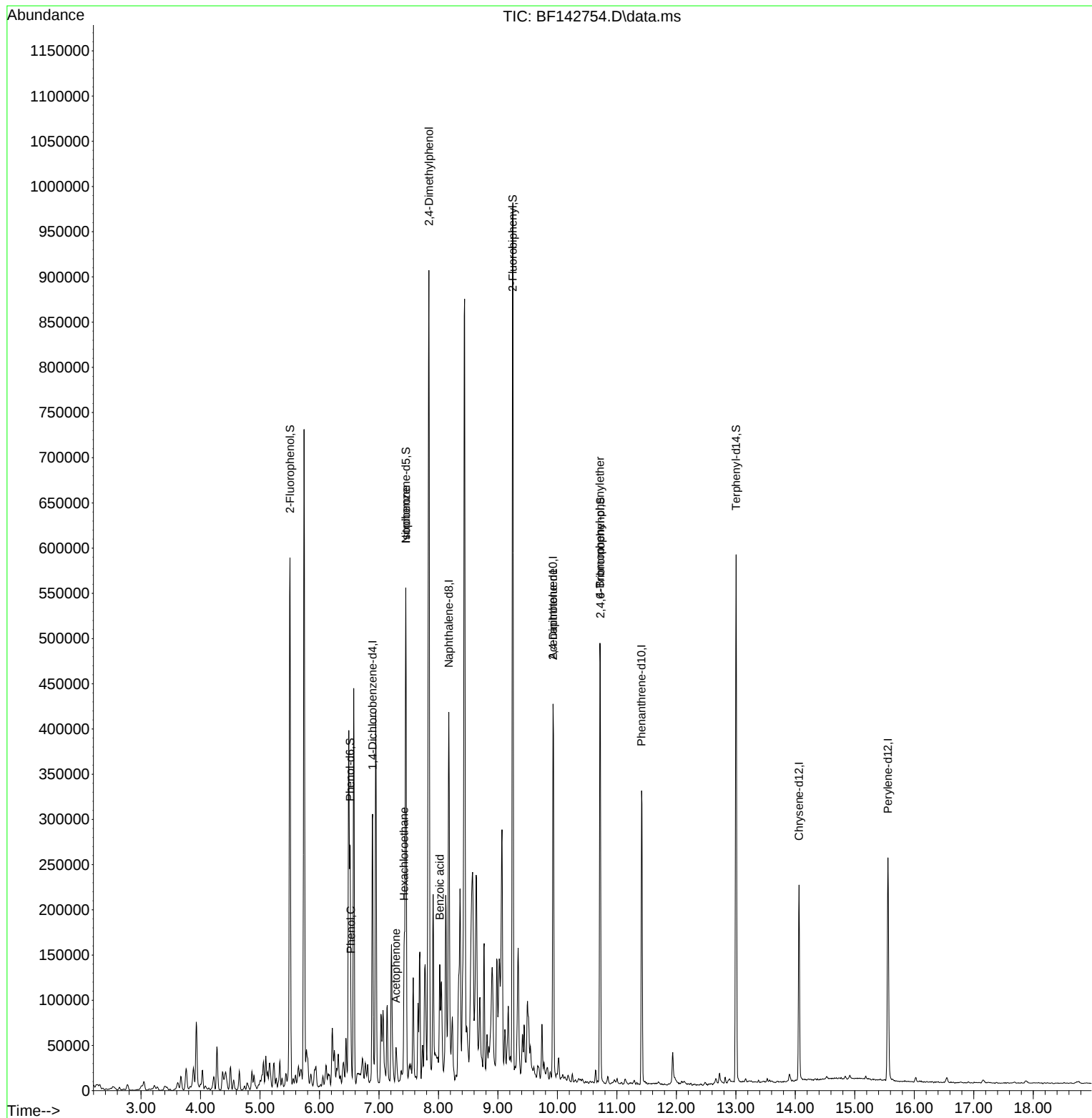
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	64680	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	235685	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	121112	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	172881	20.000	ng	0.00
76) Chrysene-d12	14.063	240	110385	20.000	ng	0.00
86) Perylene-d12	15.557	264	149783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	133079	35.042	ng	0.00
7) Phenol-d6	6.516	99	114056	25.520	ng	0.00
23) Nitrobenzene-d5	7.451	82	195279	45.345	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	83820	63.147	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	431868	47.374	ng	0.00
79) Terphenyl-d14	13.004	244	281774	35.059	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	15461	3.112	ng	96
18) Hexachloroethane	7.422	117	5091	2.968	ng	# 1
22) Acetophenone	7.287	105	20056	3.826	ng	# 64
25) Isophorone	7.451	82	192031	26.336	ng	# 63
27) 2,4-Dimethylphenol	7.839	122	222139	61.166	ng	# 92
32) Benzoic acid	8.022	122	26213	12.816	ng	# 19
57) 2,4-Dinitrotoluene	9.928	165	15758	6.818	ng	# 31
67) 4-Bromophenyl-phenylether	10.716	248	5597	2.743	ng	# 1

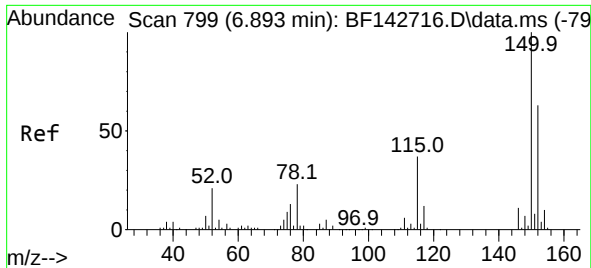
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 13:57:01 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

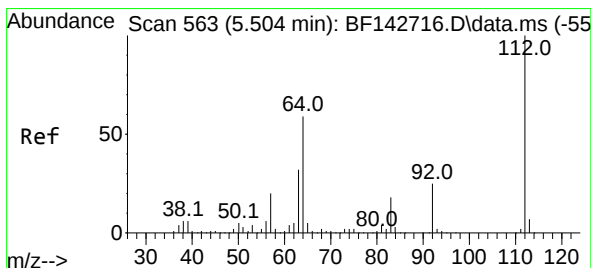
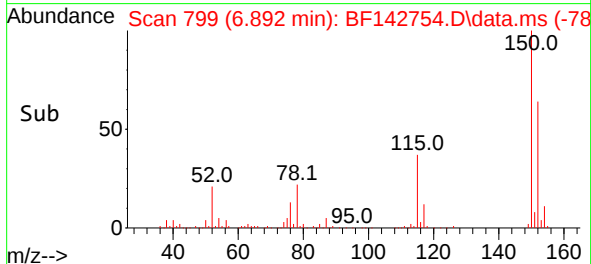
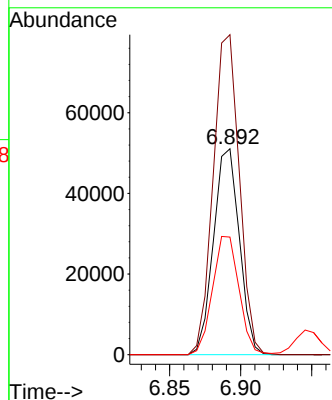
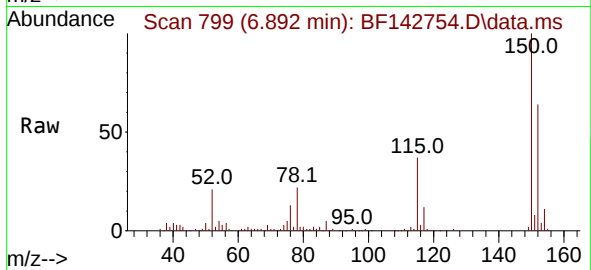




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

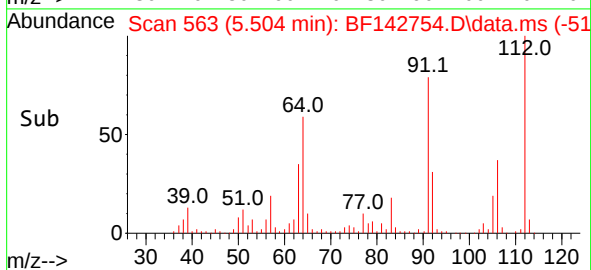
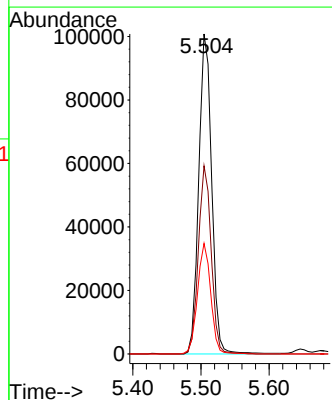
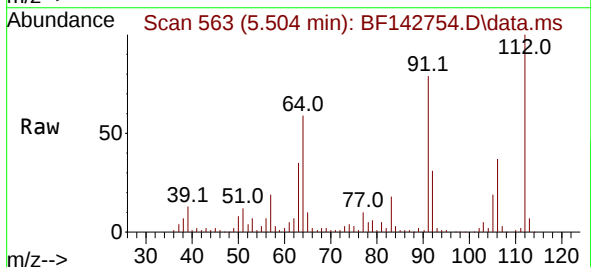
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

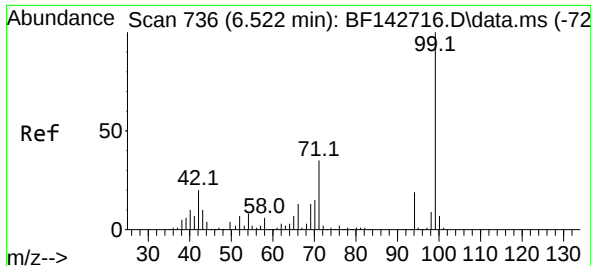
Tgt Ion:152 Resp: 64680
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 57.1 47.0 70.6



#5
2-Fluorophenol
Concen: 35.042 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:112 Resp: 133079
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.2
63 34.6 25.4 38.0

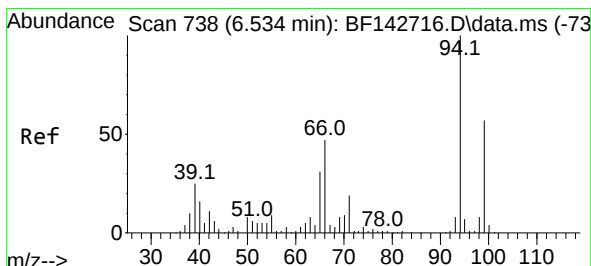
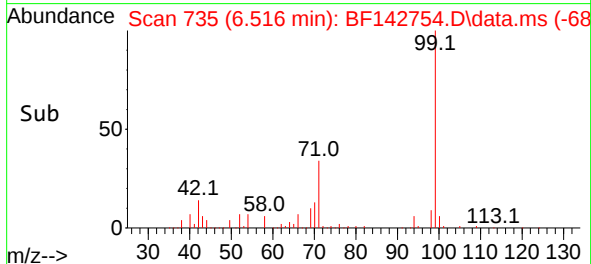
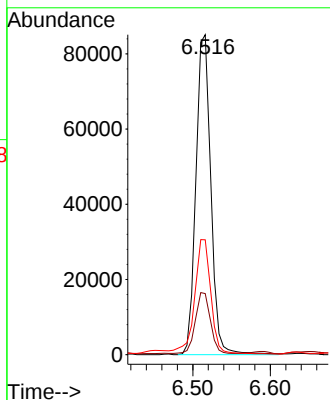
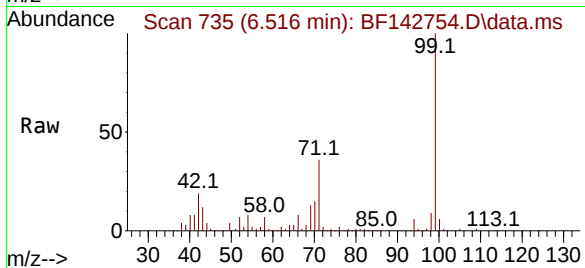




#7
Phenol-d6
Concen: 25.520 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

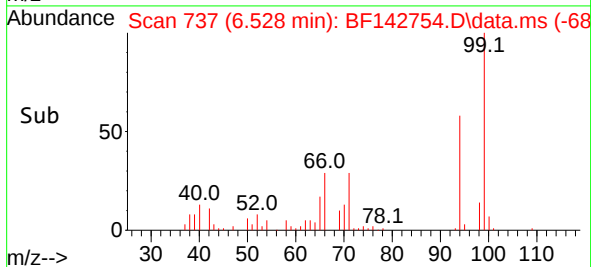
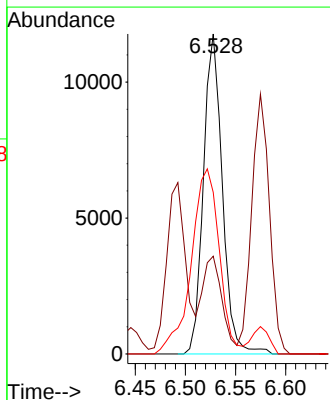
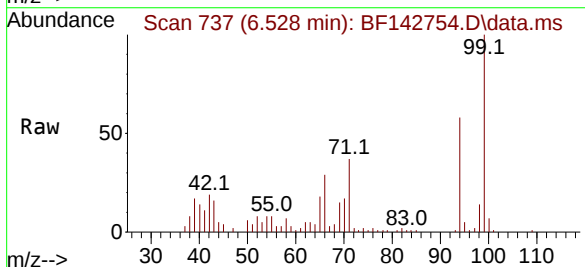
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

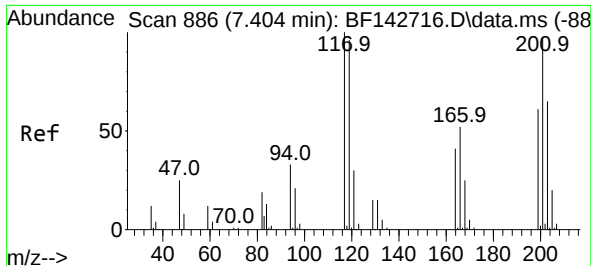
Tgt Ion: 99 Resp: 114056
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.9 28.0 42.0



#10
Phenol
Concen: 3.112 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion: 94 Resp: 15461
Ion Ratio Lower Upper
94 100
65 30.6 11.4 51.4
66 50.5 26.7 66.7

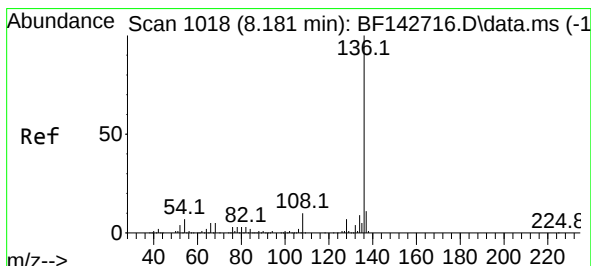
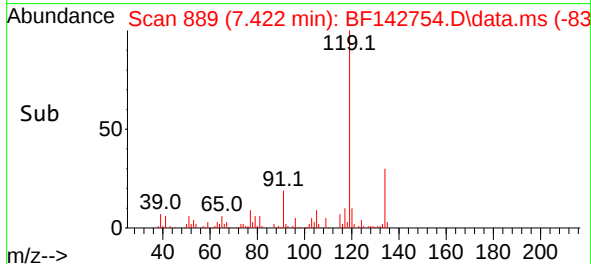
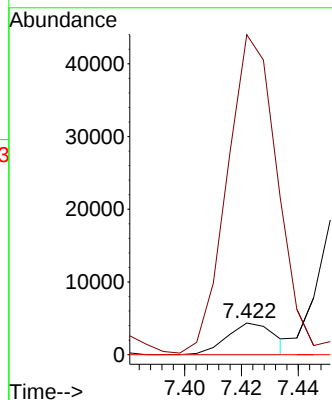
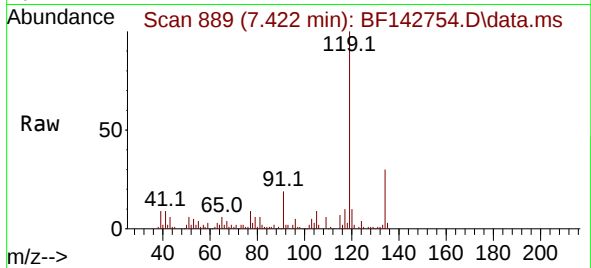




#18
Hexachloroethane
Concen: 2.968 ng
RT: 7.422 min Scan# 886
Delta R.T. 0.018 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

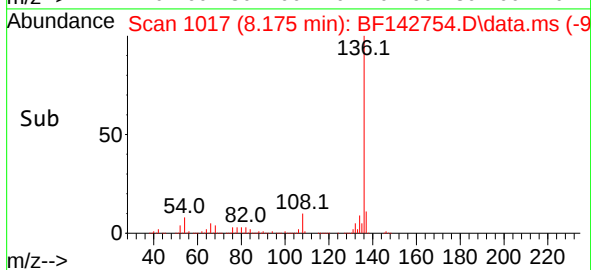
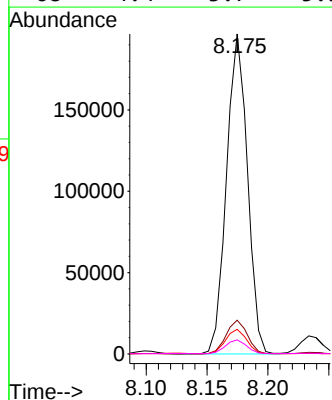
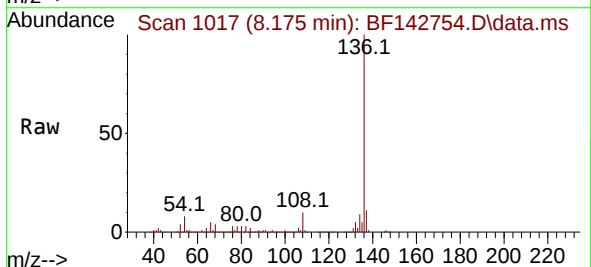
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

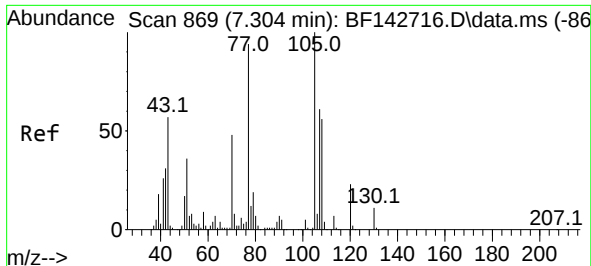
Tgt Ion:117 Resp: 5091
Ion Ratio Lower Upper
117 100
119 1011.4 76.4 114.6#
201 0.0 77.8 116.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:136 Resp: 235685
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.7 5.9 8.9
68 4.4 3.7 5.5

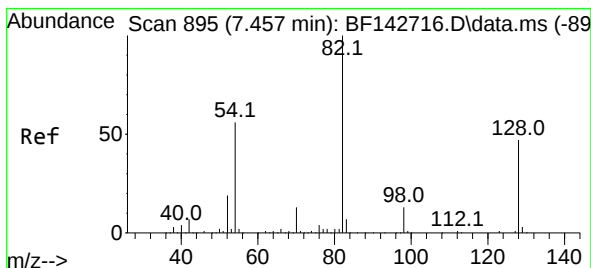
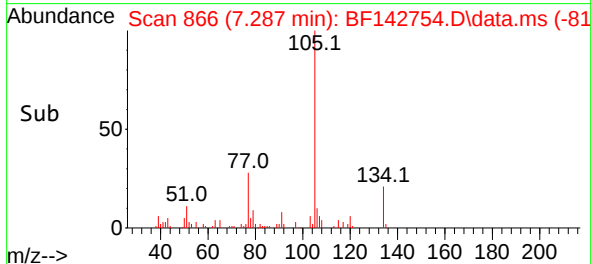
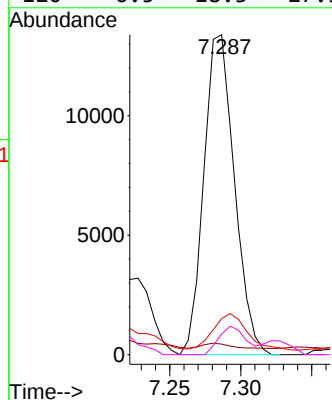
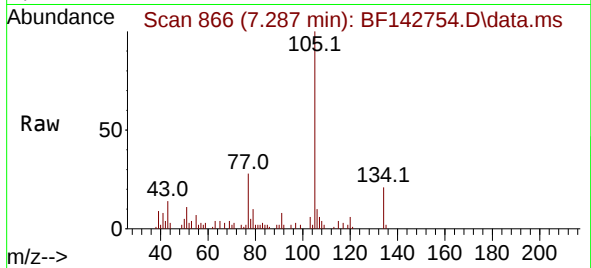




#22
Acetophenone
Concen: 3.826 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

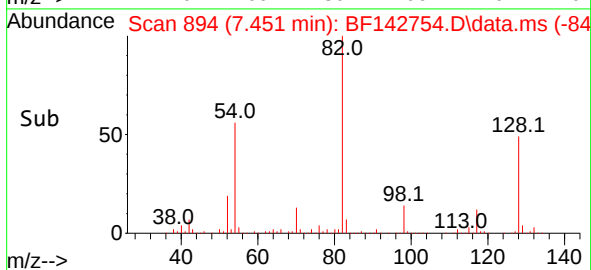
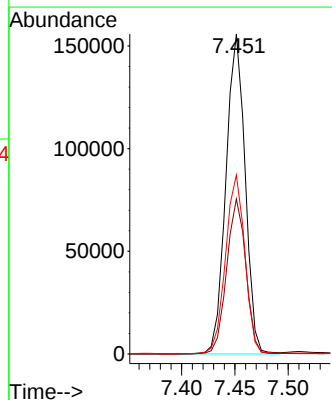
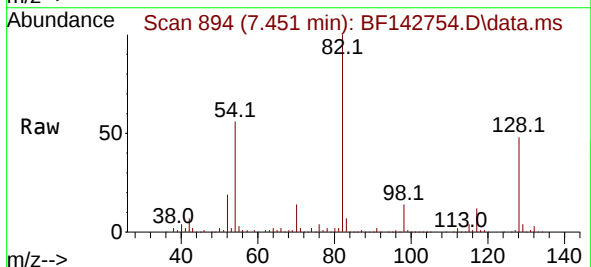
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

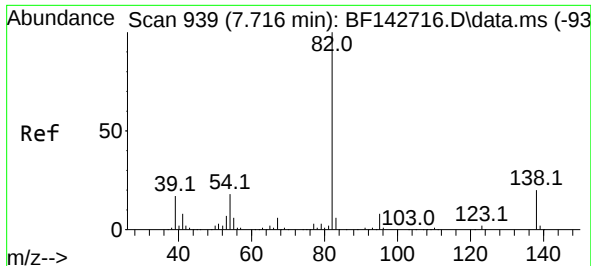
Tgt Ion:	105	Resp:	20056
Ion Ratio	Lower	Upper	
105	100		
71	3.3	6.4	9.6#
51	11.3	29.1	43.7#
120	6.5	18.3	27.5#



#23
Nitrobenzene-d5
Concen: 45.345 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:	82	Resp:	195279
Ion Ratio	Lower	Upper	
82	100		
128	48.5	37.8	56.8
54	56.0	44.9	67.3

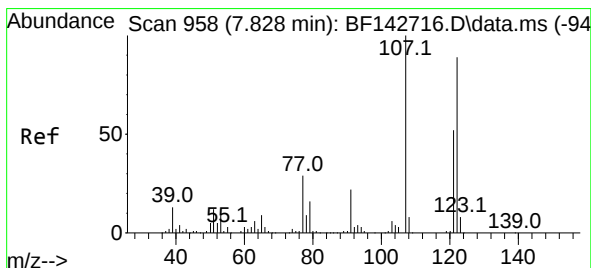
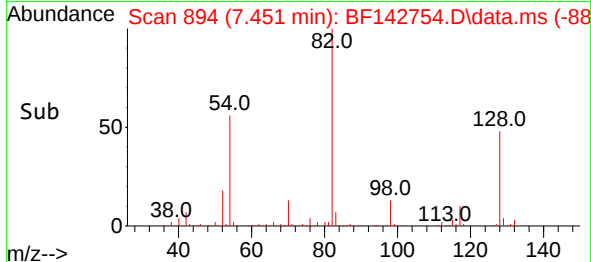
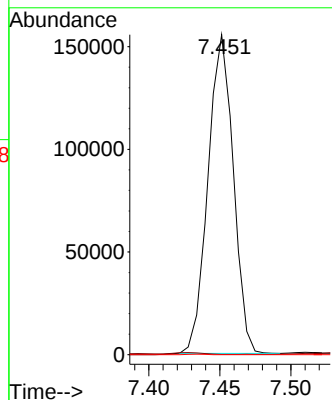
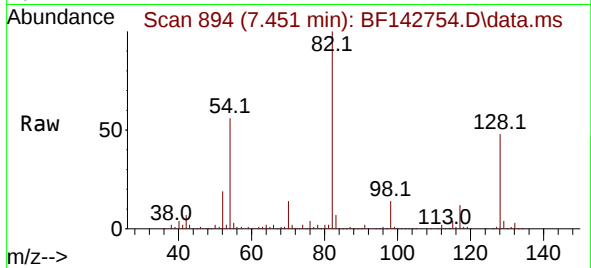




#25
Isophorone
Concen: 26.336 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

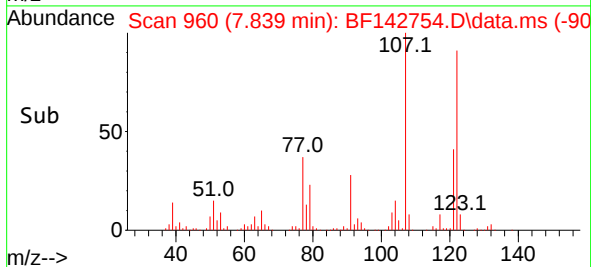
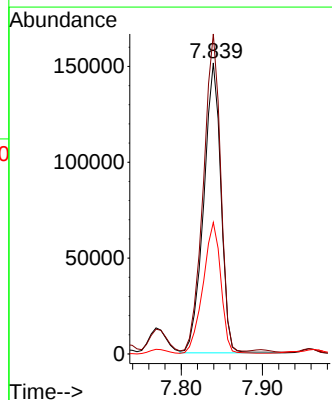
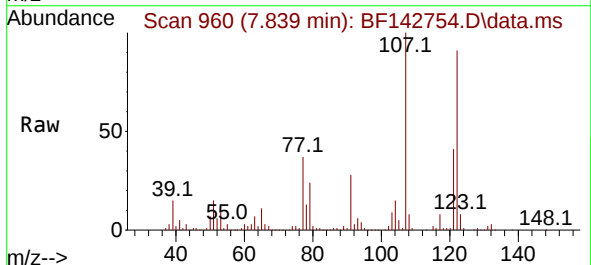
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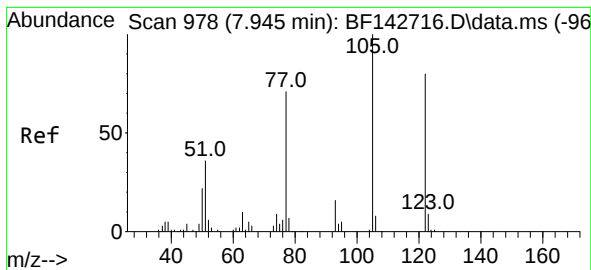
Tgt Ion: 82 Resp: 192031
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 15.8 23.6#



#27
2,4-Dimethylphenol
Concen: 61.166 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.012 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:122 Resp: 222139
Ion Ratio Lower Upper
122 100
107 109.9 90.4 135.6
121 45.2 46.9 70.3#





#32

Benzoic acid

Concen: 12.816 ng

RT: 8.022 min Scan# 91

Delta R.T. 0.076 min

Lab File: BF142754.D

Acq: 12 Jun 2025 13:29

Instrument :

BNA_F

ClientSampleId :

MW-6-20250605DL

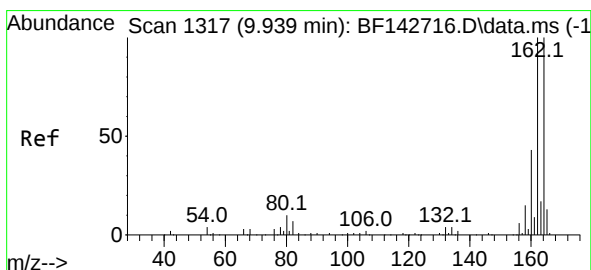
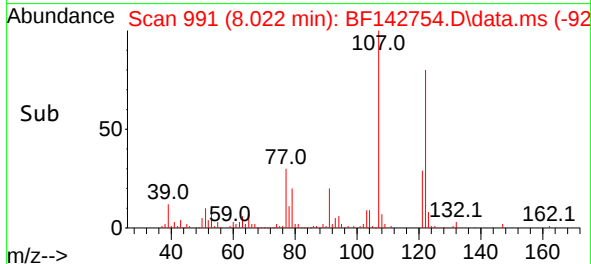
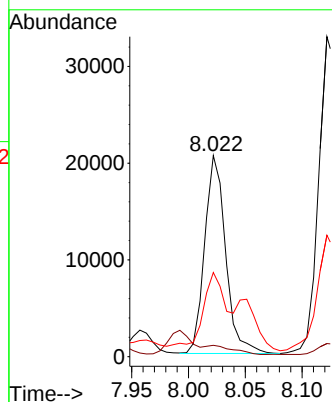
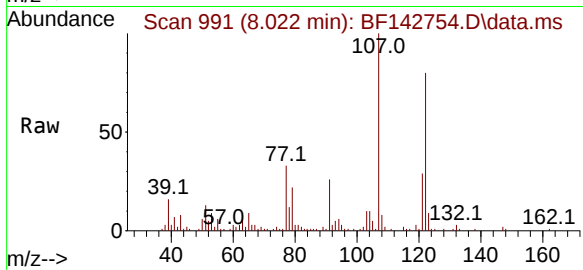
Tgt Ion:122 Resp: 26213

Ion Ratio Lower Upper

122 100

105 5.7 102.6 142.6#

77 41.8 68.2 108.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142754.D

Acq: 12 Jun 2025 13:29

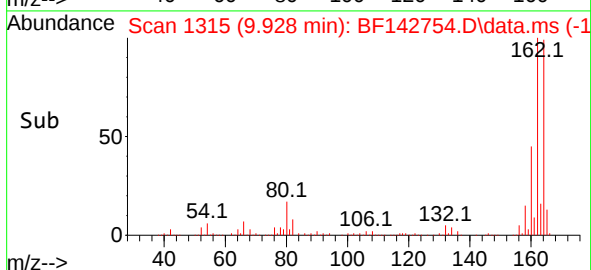
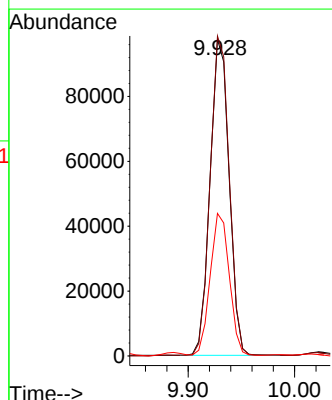
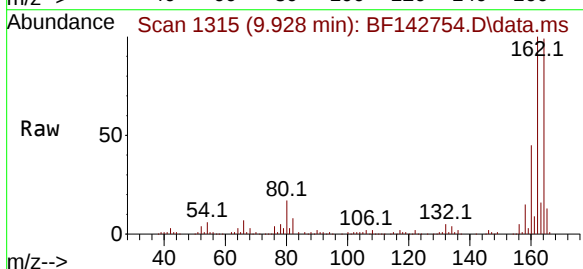
Tgt Ion:164 Resp: 121112

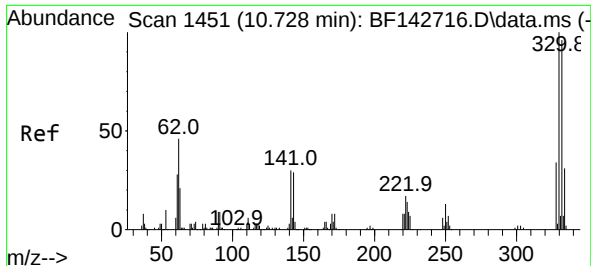
Ion Ratio Lower Upper

164 100

162 101.0 79.9 119.9

160 45.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 63.147 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142754.D

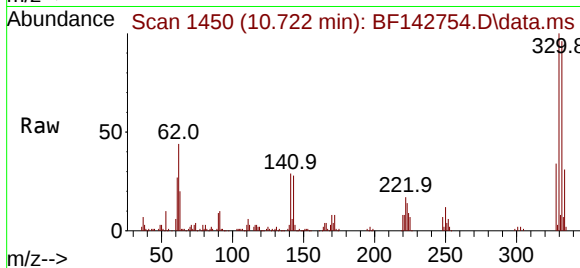
Acq: 12 Jun 2025 13:29

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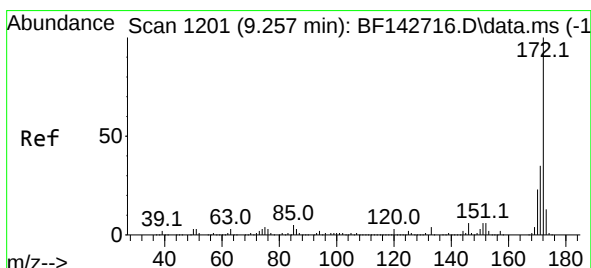
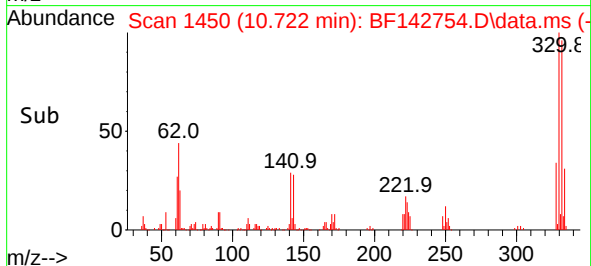
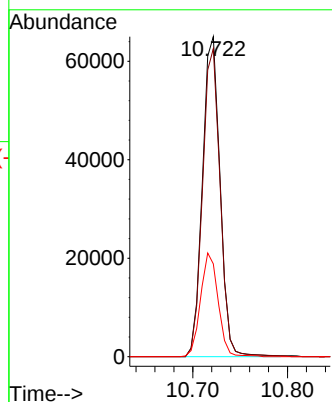
Tgt Ion:330 Resp: 83820

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 32.4 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 47.374 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142754.D

Acq: 12 Jun 2025 13:29

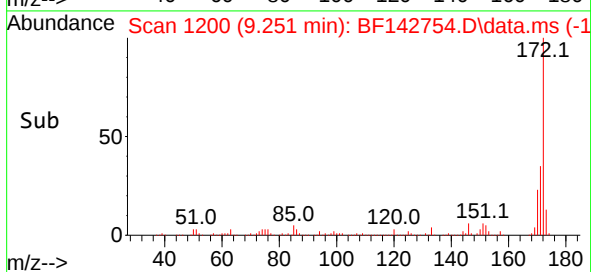
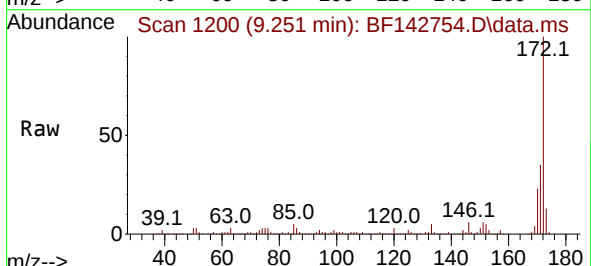
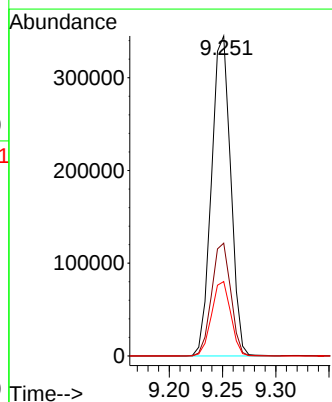
Tgt Ion:172 Resp: 431868

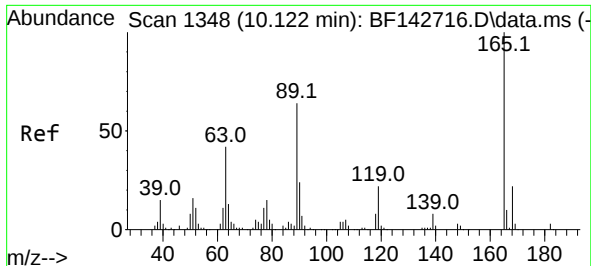
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.2 18.6 27.8

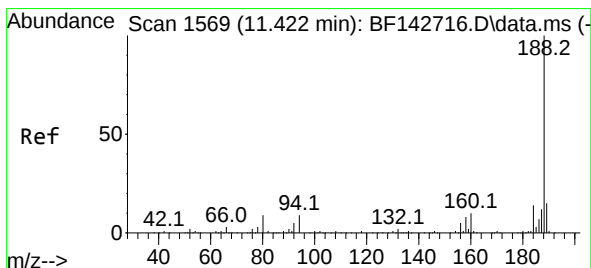
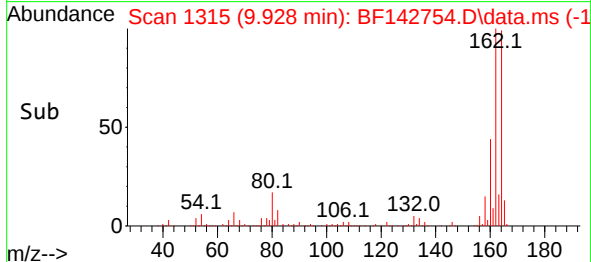
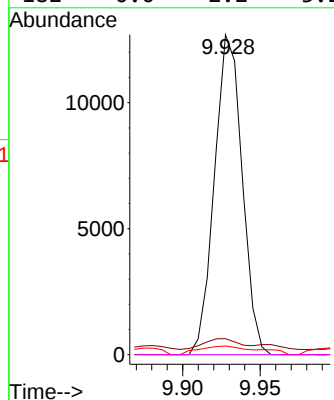
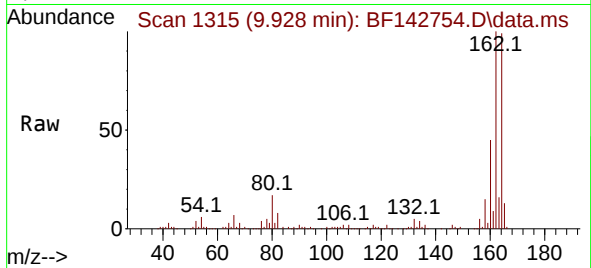




#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

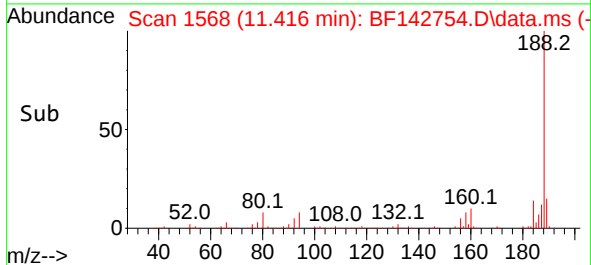
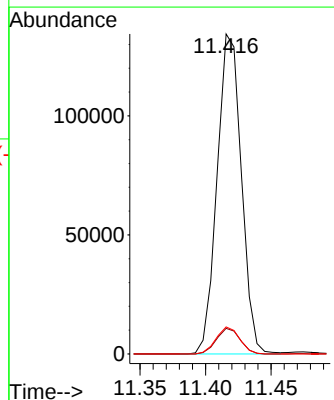
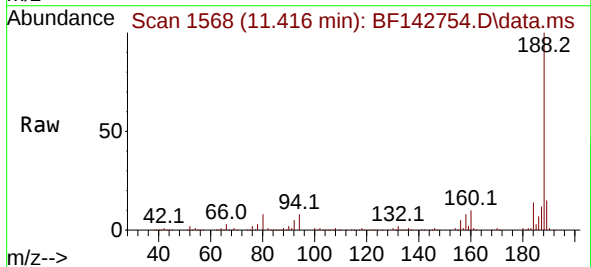
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

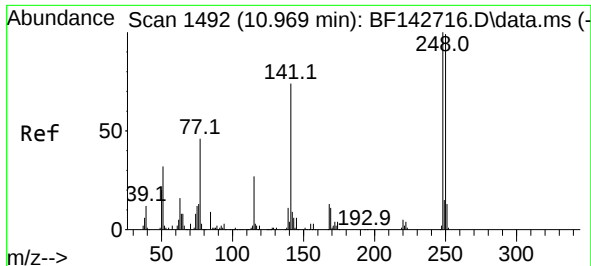
Tgt Ion:165 Resp: 15758
Ion Ratio Lower Upper
165 100
63 5.0 34.1 51.1#
89 2.7 50.8 76.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:188 Resp: 172881
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.1 10.7

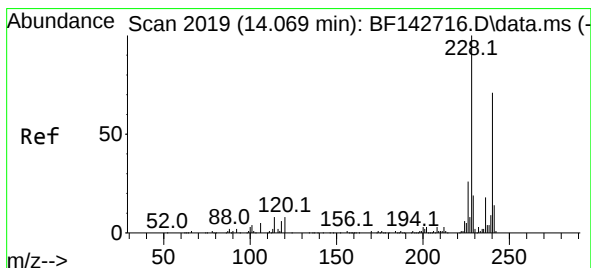
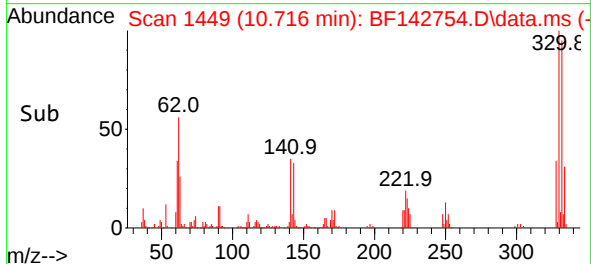
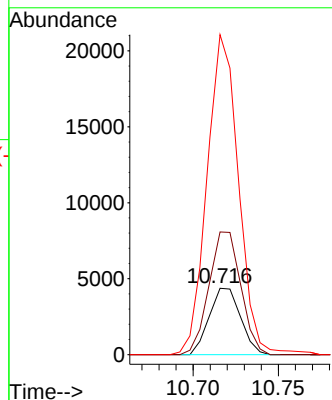
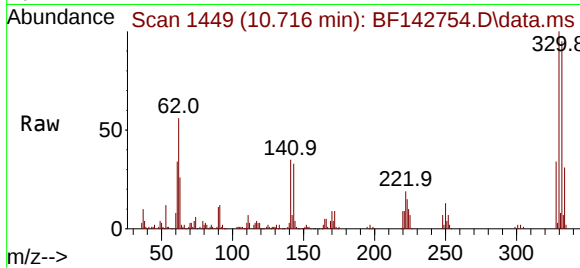




#67
4-Bromophenyl-phenylether
Concen: 2.743 ng
RT: 10.716 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

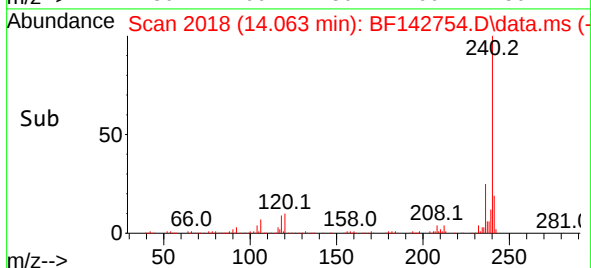
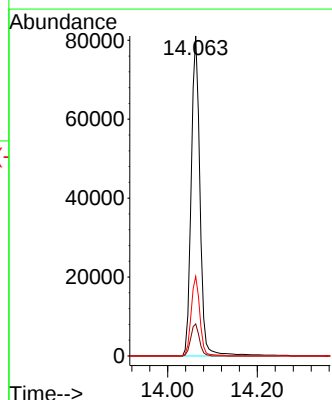
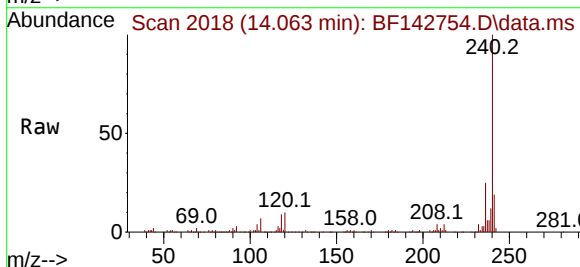
Instrument :
BNA_F
ClientSampleId :
MW-6-20250605DL

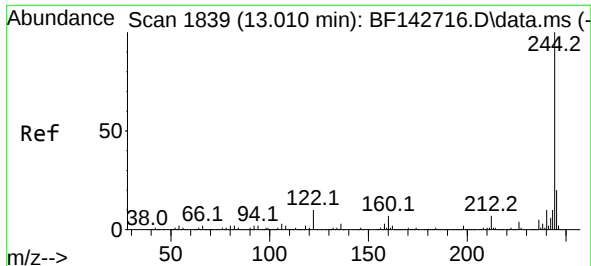
Tgt Ion:248 Resp: 5597
Ion Ratio Lower Upper
248 100
250 185.0 79.2 118.8#
141 482.3 59.3 88.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142754.D
Acq: 12 Jun 2025 13:29

Tgt Ion:240 Resp: 110385
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 24.8 20.1 30.1

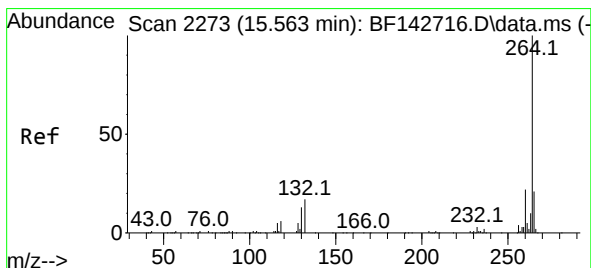
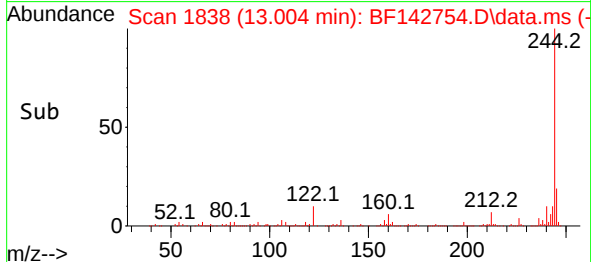
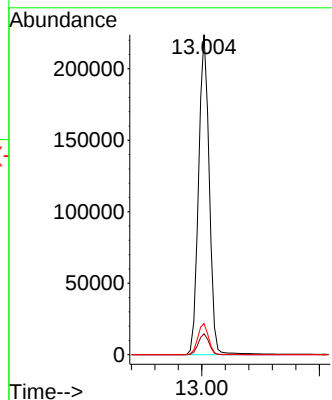
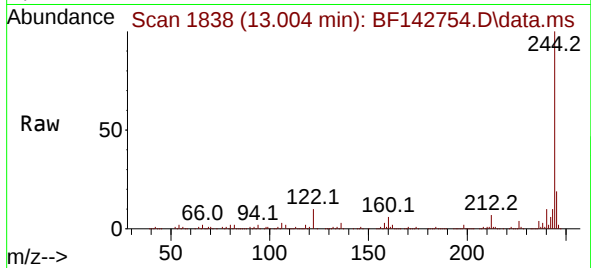




#79
 Terphenyl-d14
 Concen: 35.059 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142754.D
 Acq: 12 Jun 2025 13:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-20250605DL

Tgt Ion:244 Resp: 281774
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142754.D
 Acq: 12 Jun 2025 13:29

Tgt Ion:264 Resp: 149783
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.6
 265 21.7 16.6 25.0

