

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141771.D
 Acq On : 25 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1420-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 26 00:08:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

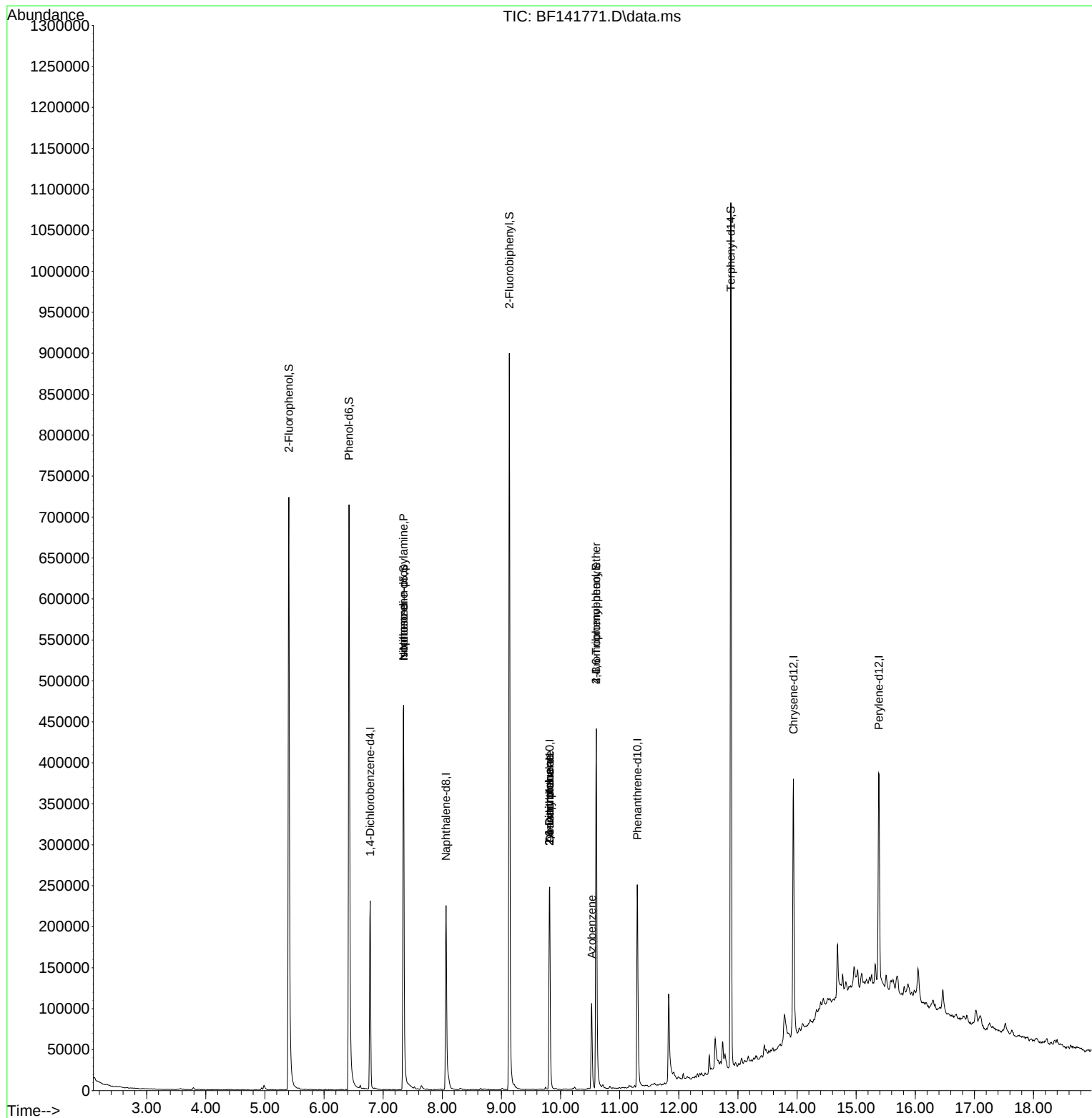
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51224	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	181820	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	87667	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	148925	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	157038	20.000	ng	-0.02
86) Perylene-d12	15.386	264	151718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	323971	99.153	ng	0.00
7) Phenol-d6	6.422	99	384323	93.063	ng	-0.02
23) Nitrobenzene-d5	7.345	82	247313	70.946	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	82787	94.006	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	429719	75.518	ng	-0.02
79) Terphenyl-d14	12.880	244	516841	55.561	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	31258	12.654	ng	# 71
25) Isophorone	7.345	82	239513	43.092	ng	# 66
50) Dimethylphthalate	9.816	163	13189	2.216	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	11272	8.664	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	11272	6.508	ng	# 17
63) Azobenzene	10.528	77	29943	5.144	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	5496	3.302	ng	# 1

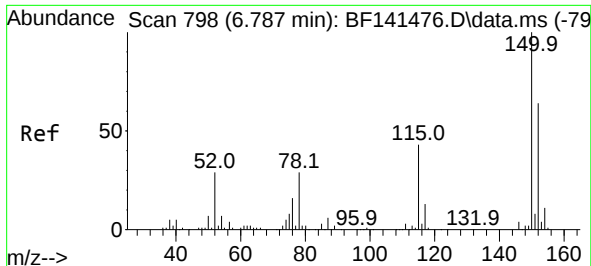
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141771.D
Acq On : 25 Feb 2025 18:34
Operator : RC/JU
Sample : Q1420-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Quant Time: Feb 26 00:08:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

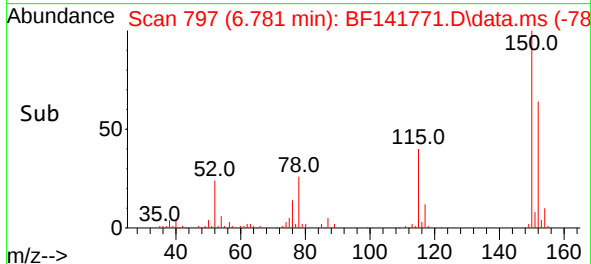
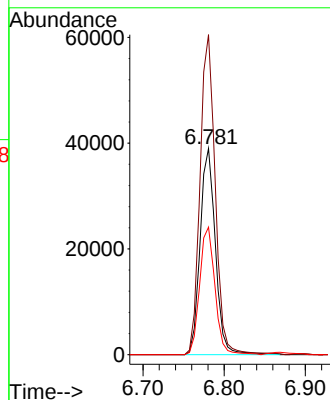
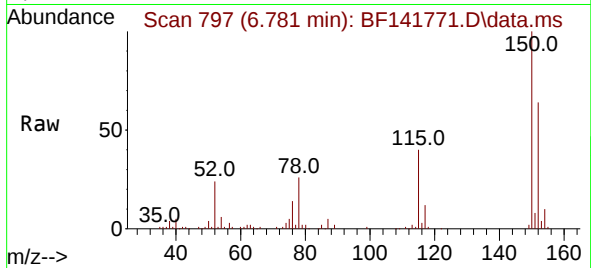




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

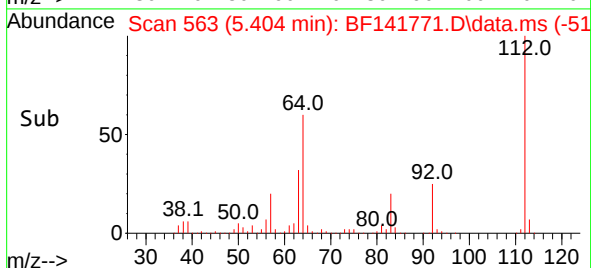
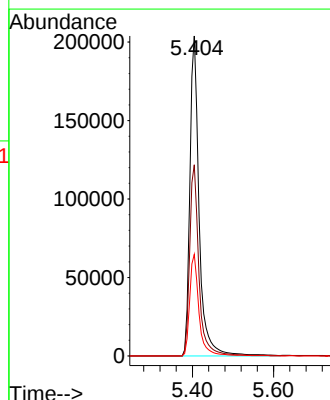
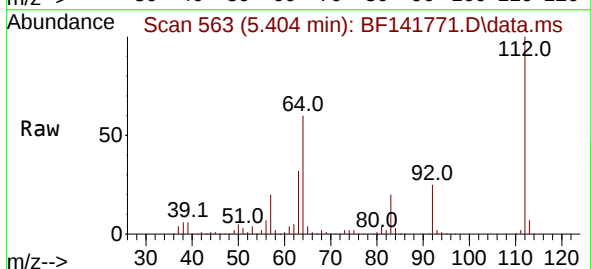
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:152 Resp: 51224
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.4
115 61.9 53.6 80.4



#5
2-Fluorophenol
Concen: 99.153 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Tgt Ion:112 Resp: 323971
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 31.7 28.4 42.6

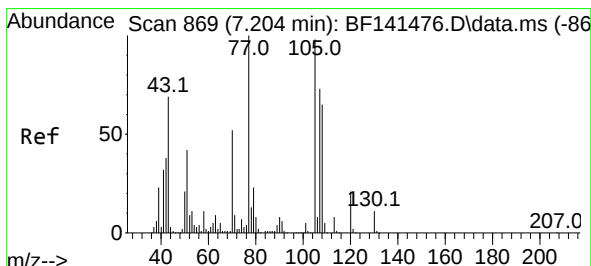
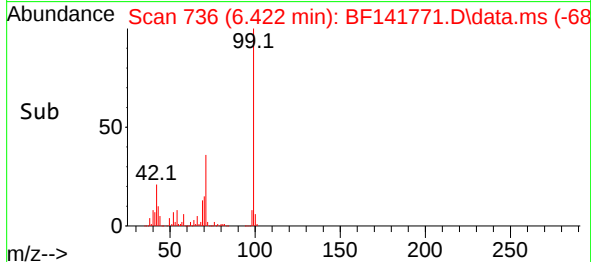
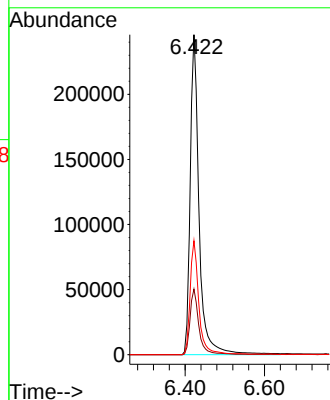
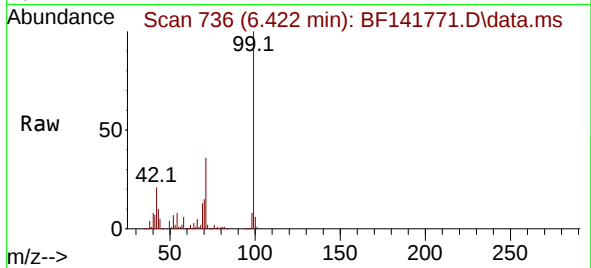




#7
Phenol-d6
Concen: 93.063 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

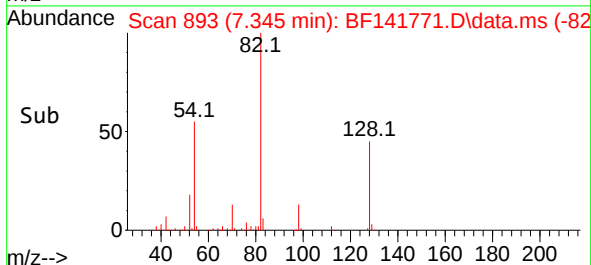
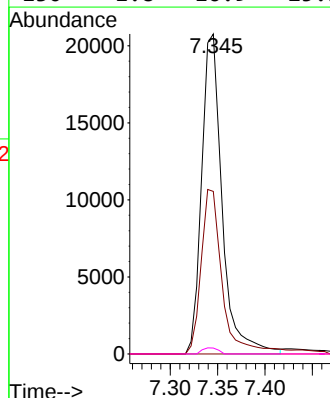
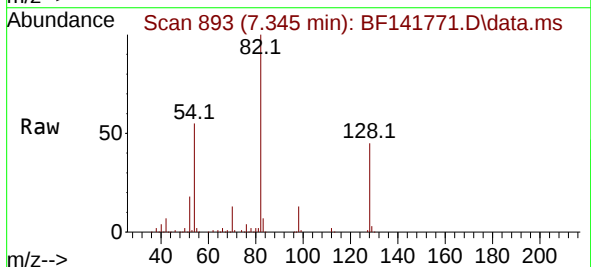
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion: 99 Resp: 384323
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 35.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.654 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Tgt Ion: 70 Resp: 31258
Ion Ratio Lower Upper
70 100
42 50.8 57.4 86.2#
101 0.0 8.0 12.0#
130 1.8 16.9 25.3#

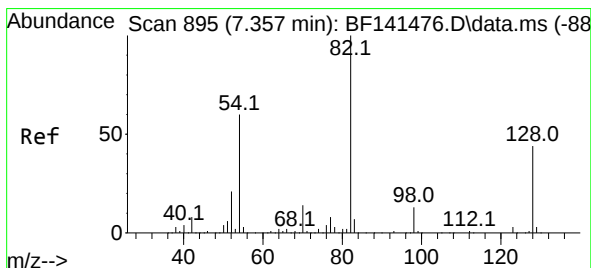
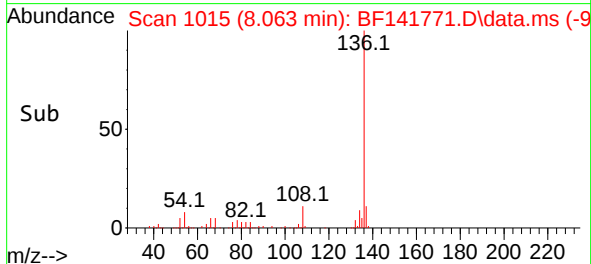
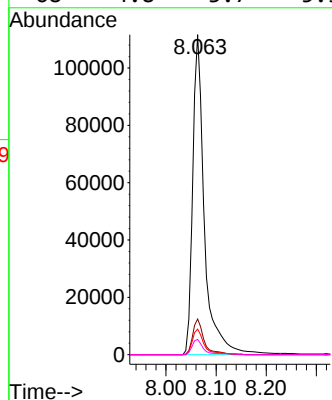
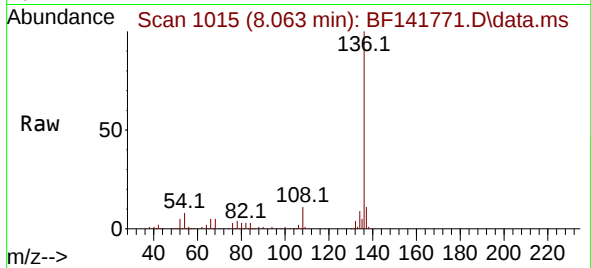




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

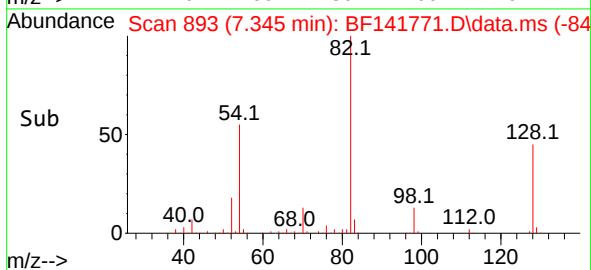
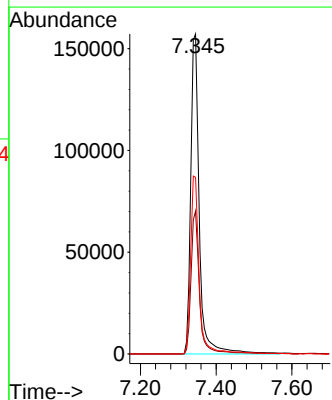
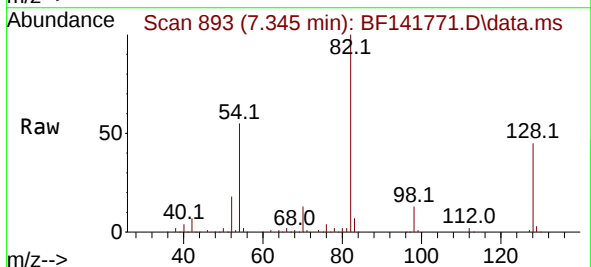
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

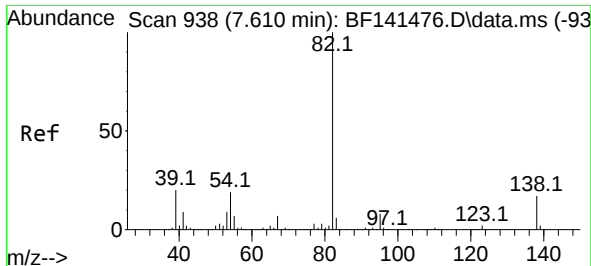
Tgt Ion:	136	Resp:	181820
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	8.0	7.2	10.8
68	4.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 70.946 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

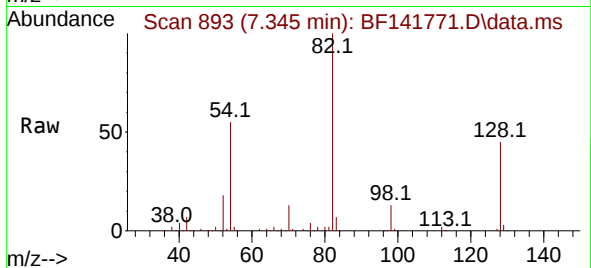
Tgt Ion:	82	Resp:	247313
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.8	52.2
54	55.2	48.2	72.4



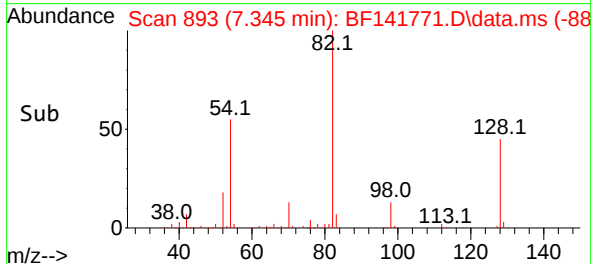
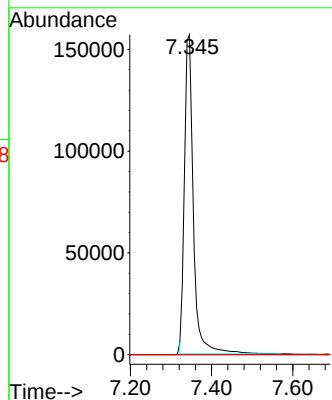


#25
Isophorone
Concen: 43.092 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

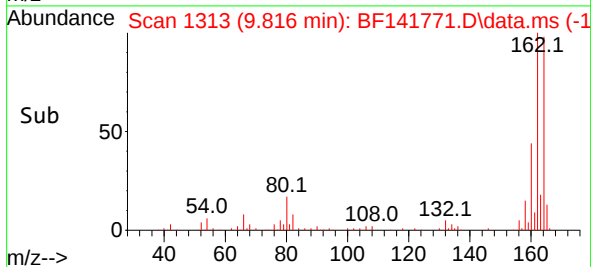
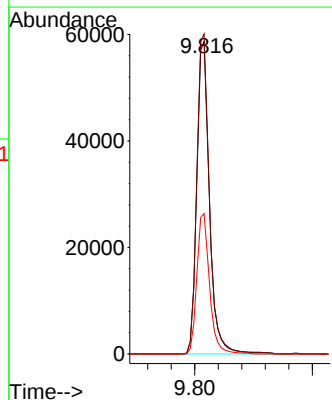
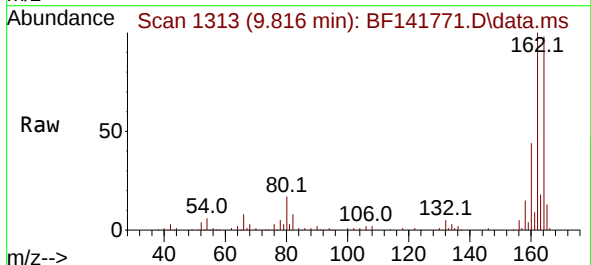


Tgt Ion: 82 Resp: 239513
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Tgt Ion:164 Resp: 87667
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 94.006 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

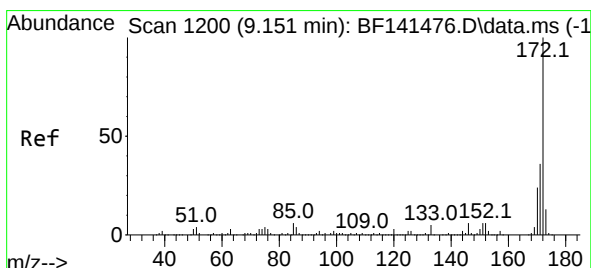
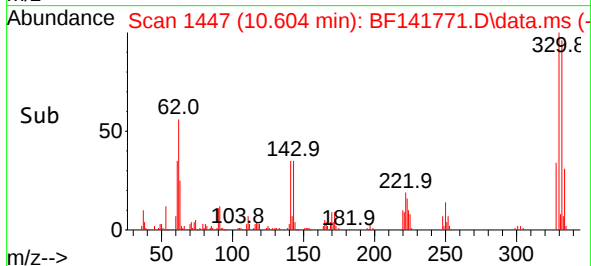
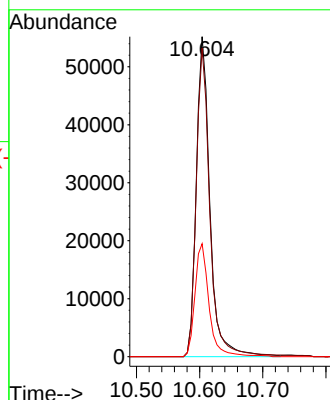
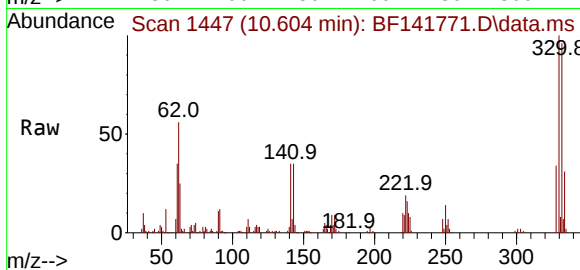
Tgt Ion:330 Resp: 82787

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

141 36.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 75.518 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

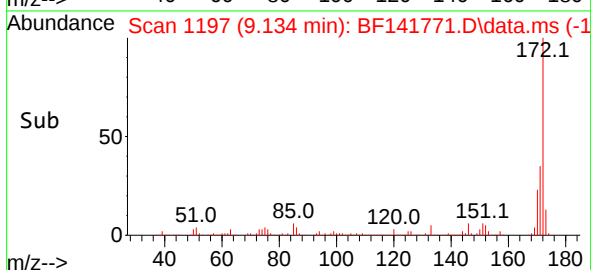
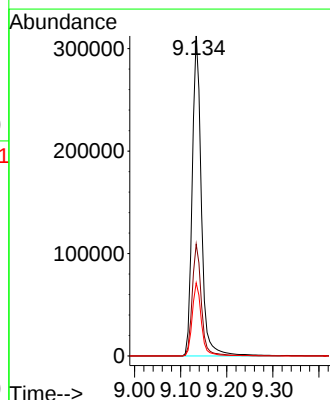
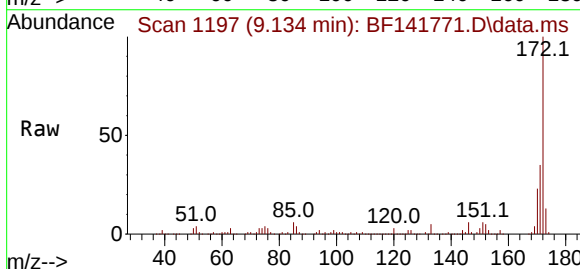
Tgt Ion:172 Resp: 429719

Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

170 22.8 18.9 28.3

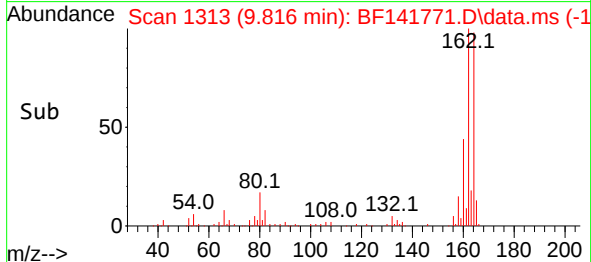
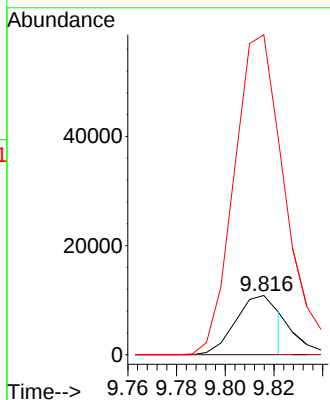
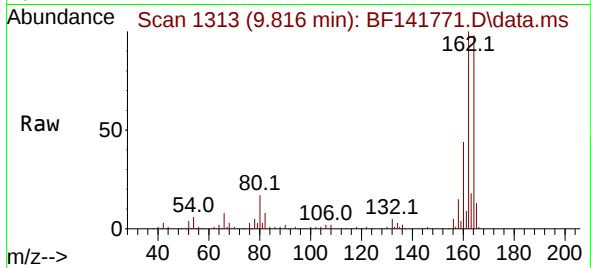




#50
Dimethylphthalate
Concen: 2.216 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

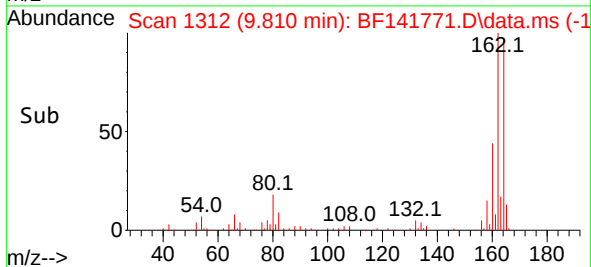
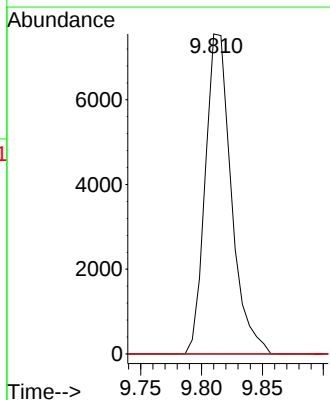
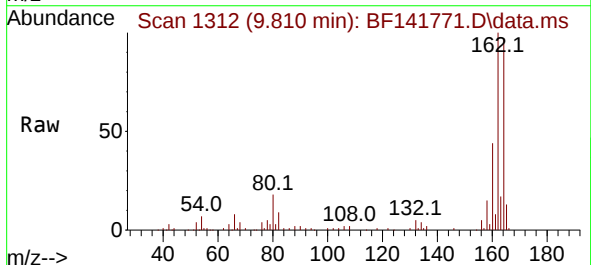
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:163 Resp: 13189
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 541.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.664 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.188 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

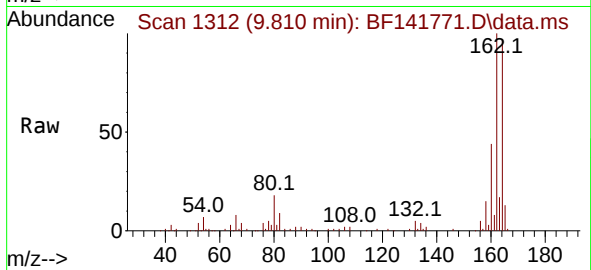
Tgt Ion:165 Resp: 11272
Ion Ratio Lower Upper
165 100
63 0.0 49.4 74.0#
89 0.0 46.5 69.7#



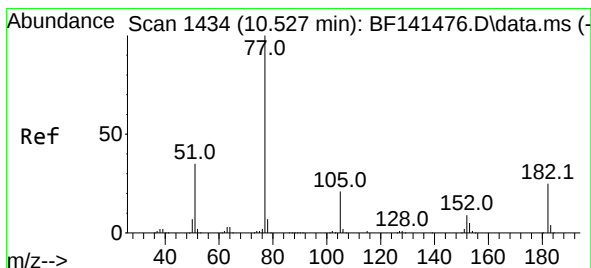
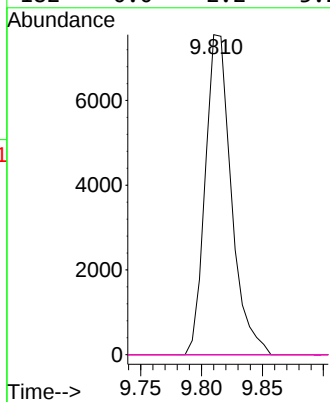
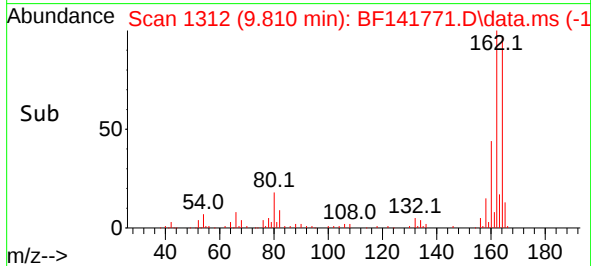


#57
2,4-Dinitrotoluene
Concen: 6.508 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

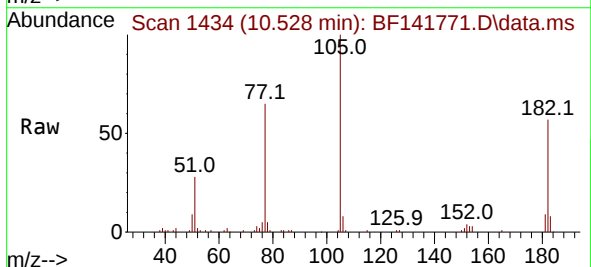
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



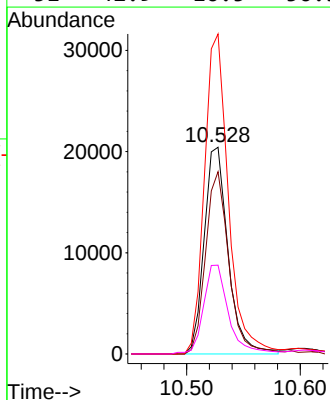
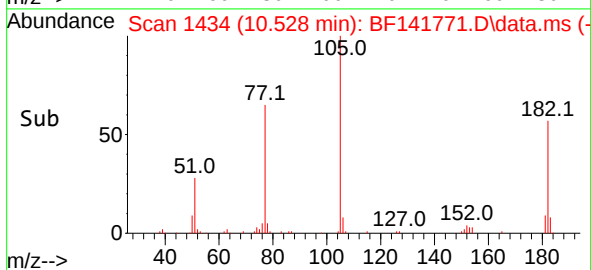
Tgt Ion:165 Resp: 11272
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 61.8 92.6#
182 0.0 2.2 3.2#

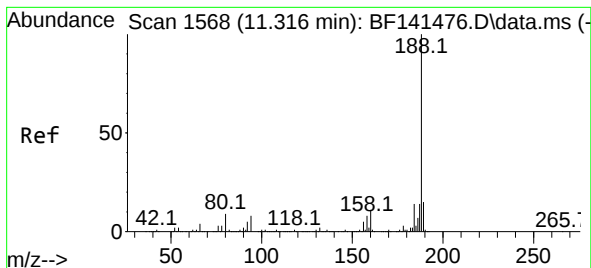


#63
Azobenzene
Concen: 5.144 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34



Tgt Ion: 77 Resp: 29943
Ion Ratio Lower Upper
77 100
182 88.1 4.7 44.7#
105 154.8 0.4 40.4#
51 42.9 16.5 56.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

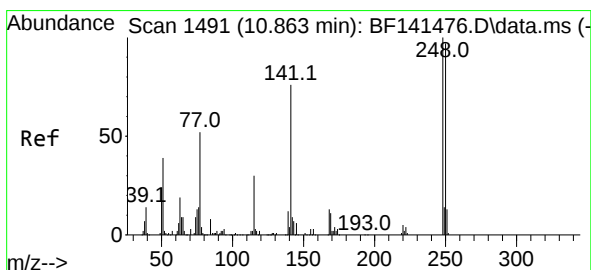
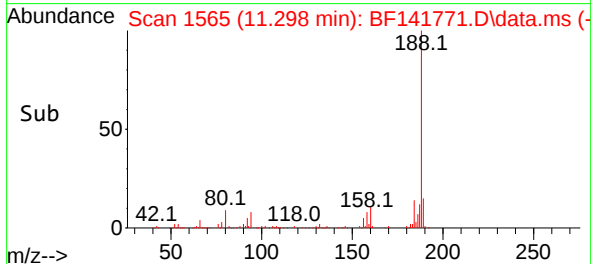
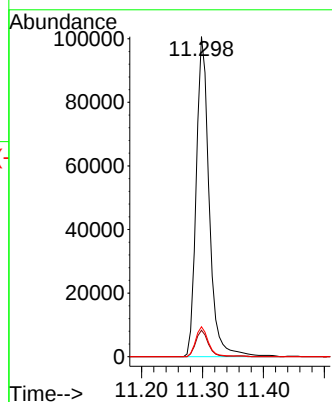
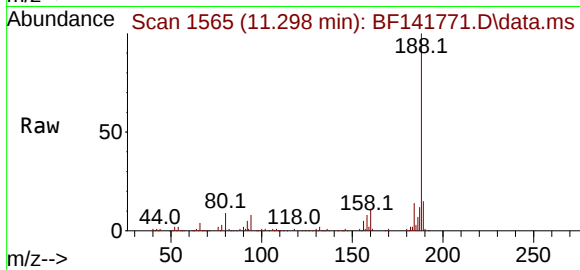
Tgt Ion:188 Resp: 148925

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.3 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.302 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.259 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

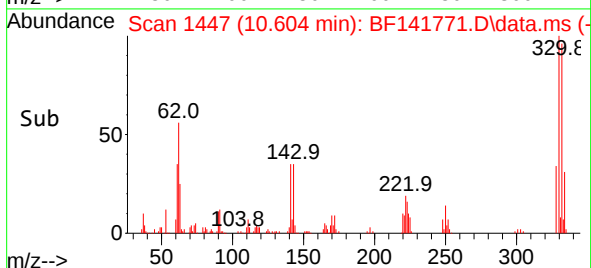
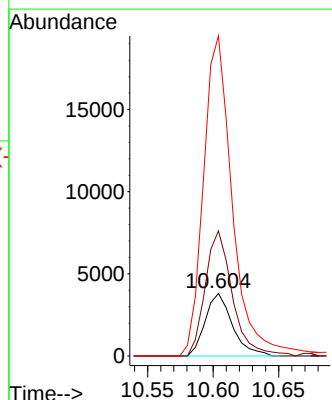
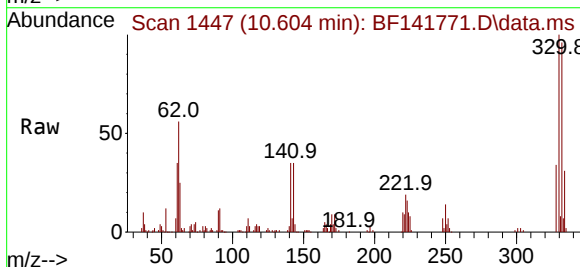
Tgt Ion:248 Resp: 5496

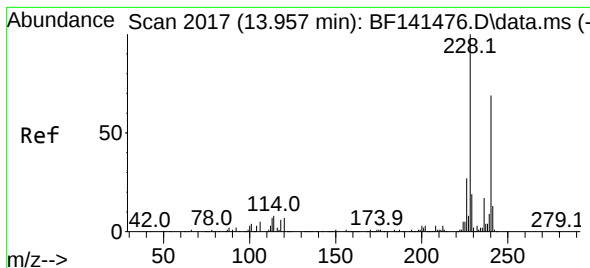
Ion Ratio Lower Upper

248 100

250 199.8 77.8 116.6#

141 511.0 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

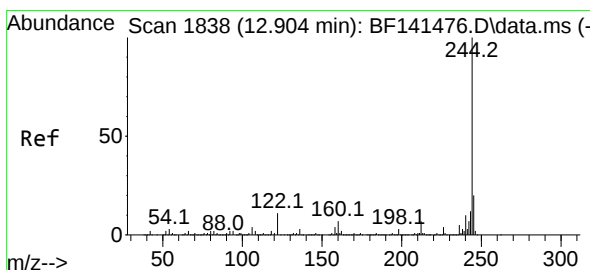
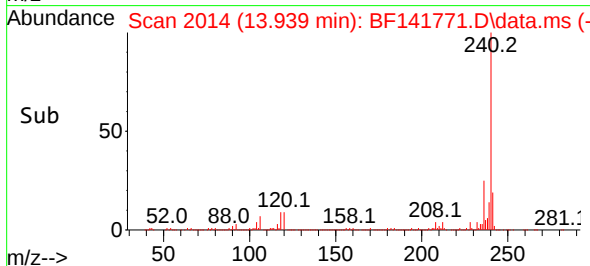
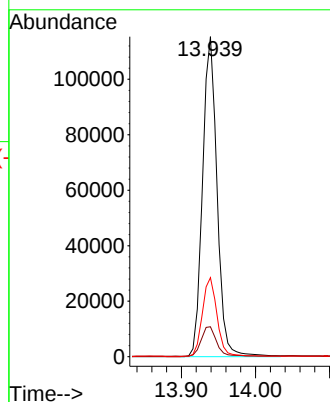
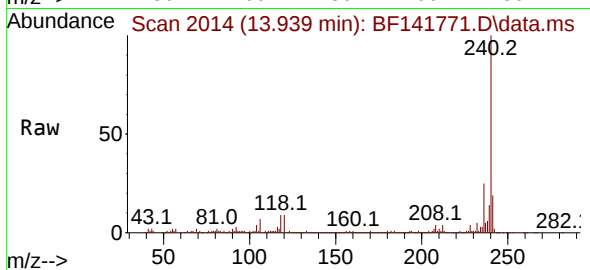
Tgt Ion:240 Resp: 157038

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 24.7 19.8 29.8



#79

Terphenyl-d14

Concen: 55.561 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

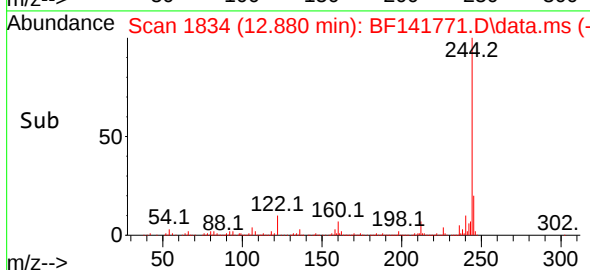
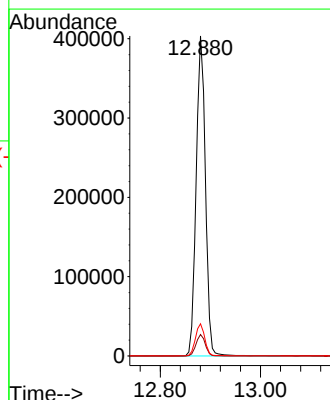
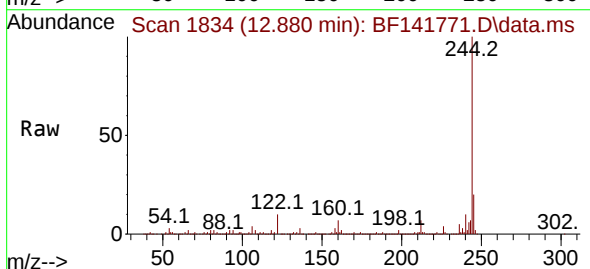
Tgt Ion:244 Resp: 516841

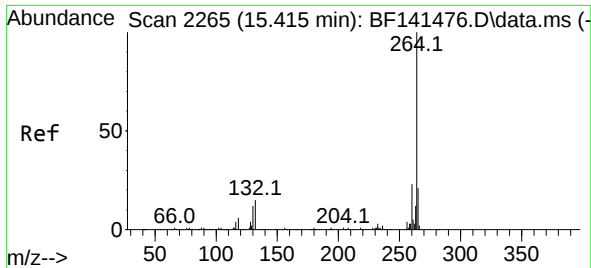
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.0 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF141771.D
 Acq: 25 Feb 2025 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Tgt Ion:264 Resp: 151718
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.3 17.0 25.4

