

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141562.D
 Acq On : 11 Feb 2025 15:23
 Operator : RC/JU
 Sample : Q1309-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Feb 11 15:43:39 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)

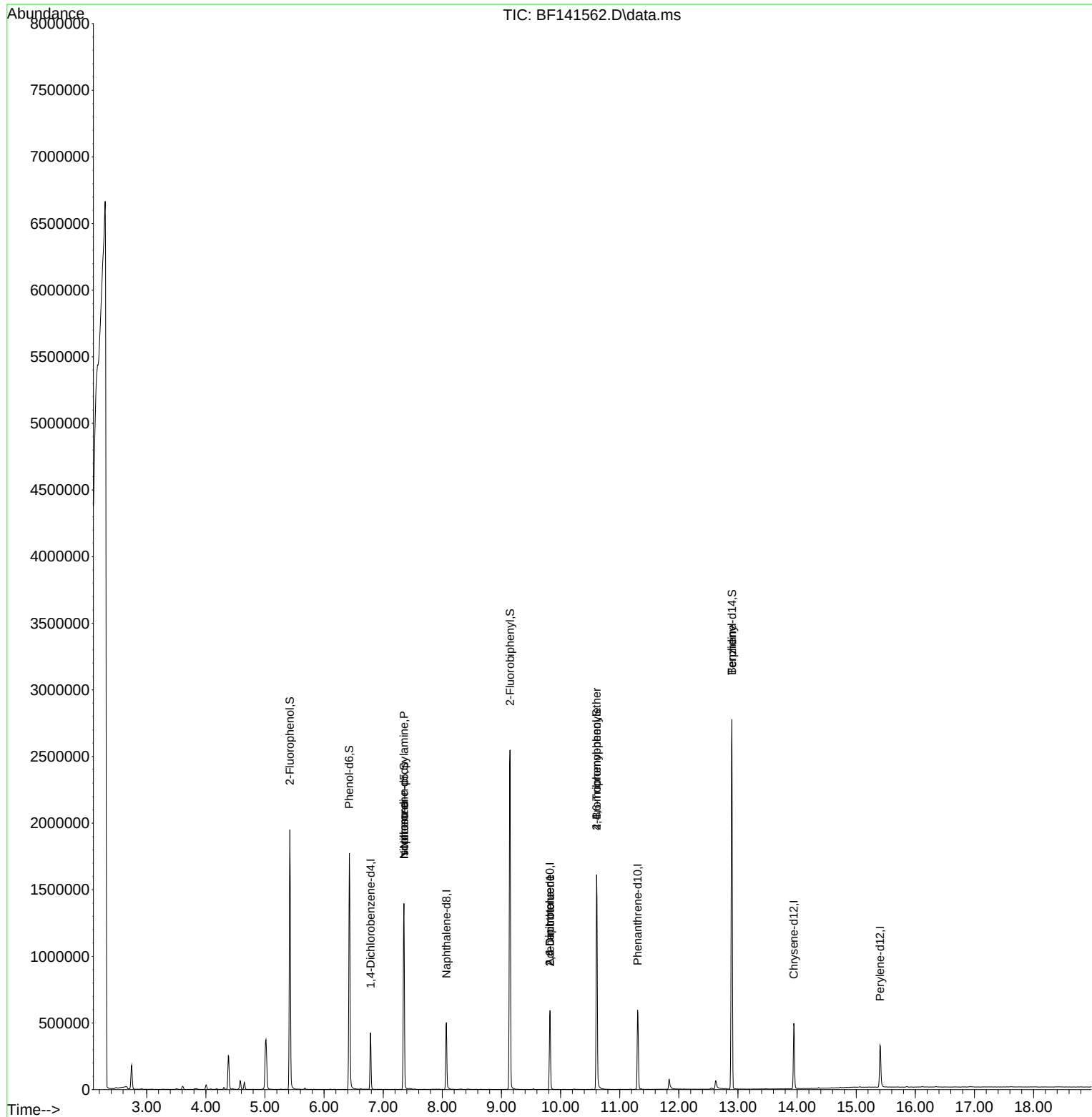
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85467	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	338722	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185716	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	329126	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	254976	20.000	ng	-0.02
86) Perylene-d12	15.404	264	192946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	698471	128.122	ng	0.01
7) Phenol-d6	6.428	99	814656	118.231	ng	-0.01
23) Nitrobenzene-d5	7.351	82	631835	97.293	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	270942	145.230	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1187704	98.528	ng	0.00
79) Terphenyl-d14	12.898	244	1420649	94.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	86010	20.868	ng	# 75
25) Isophorone	7.351	82	617084	59.595	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	23734	8.611	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	23734	6.469	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	17812	4.842	ng	# 1
77) Benzidine	12.898	184	19382	3.447	ng	# 92

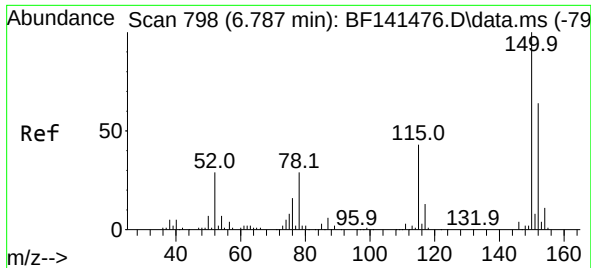
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141562.D
Acq On : 11 Feb 2025 15:23
Operator : RC/JU
Sample : Q1309-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Time: Feb 11 15:43:39 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

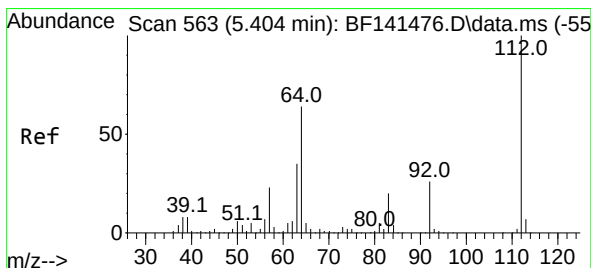
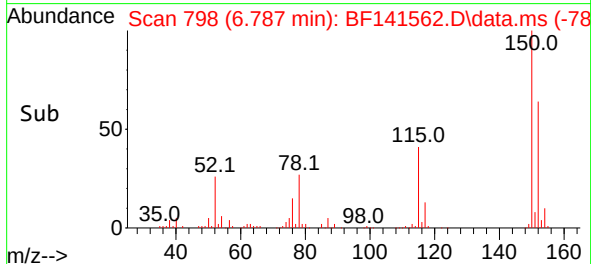
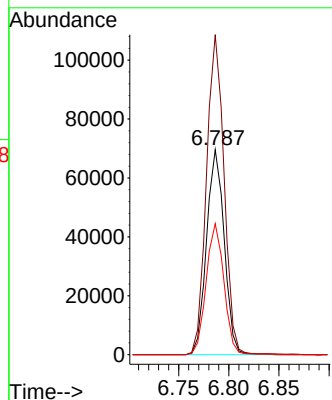
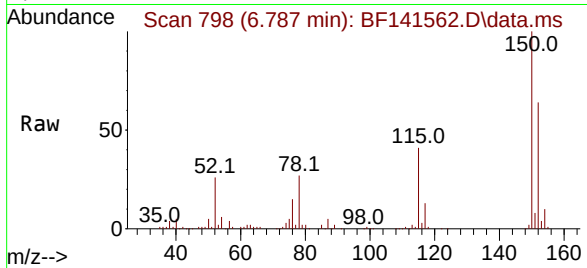




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141562.D
 Acq: 11 Feb 2025 15:23

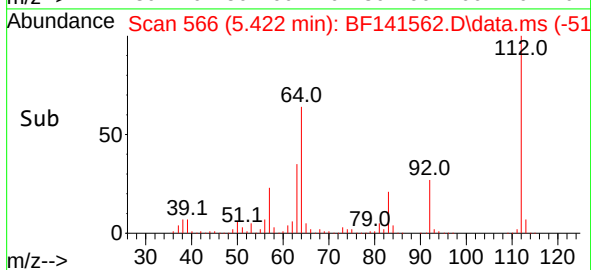
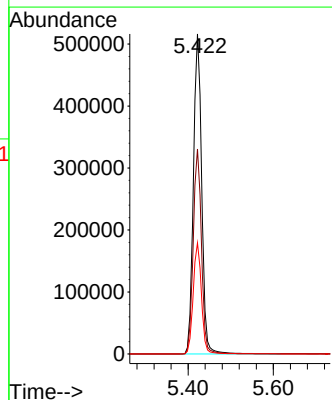
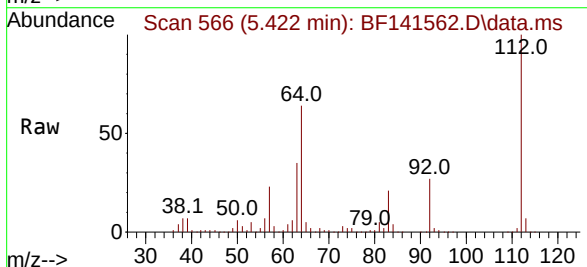
Instrument :
 BNA_F
 ClientSampleId :
 WC-5

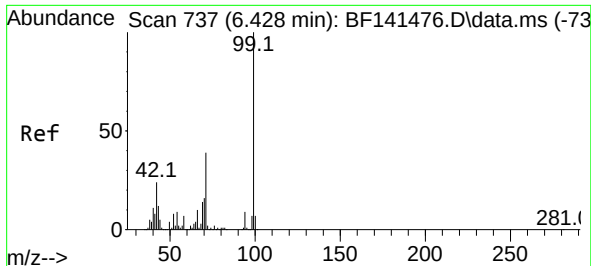
Tgt Ion:152 Resp: 85467
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.0 187.4
 115 63.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 128.122 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141562.D
 Acq: 11 Feb 2025 15:23

Tgt Ion:112 Resp: 698471
 Ion Ratio Lower Upper
 112 100
 64 64.0 51.1 76.7
 63 34.7 28.4 42.6





#7
Phenol-d6
Concen: 118.231 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

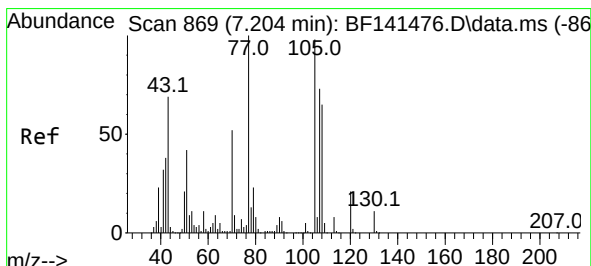
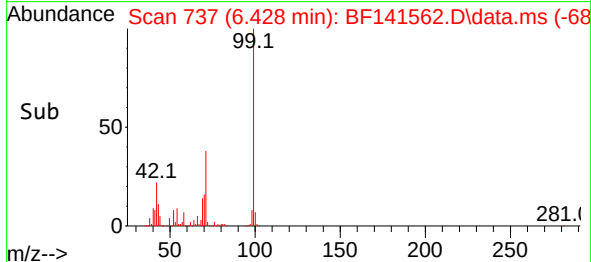
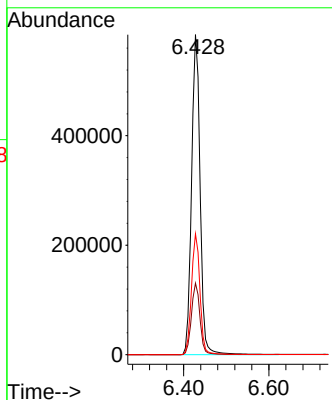
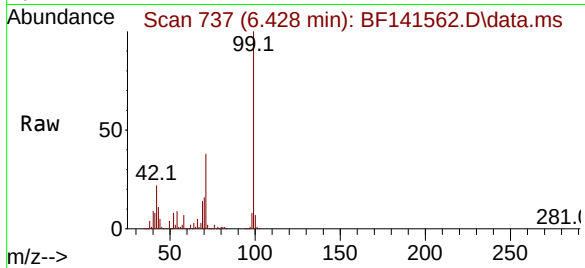
Instrument :

BNA_F

ClientSampleId :

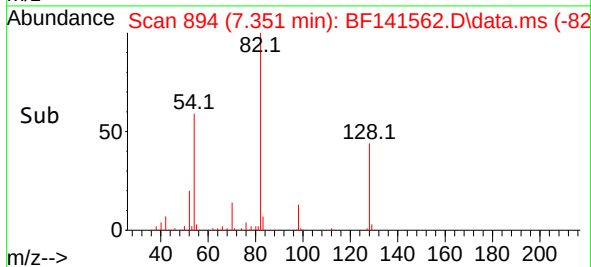
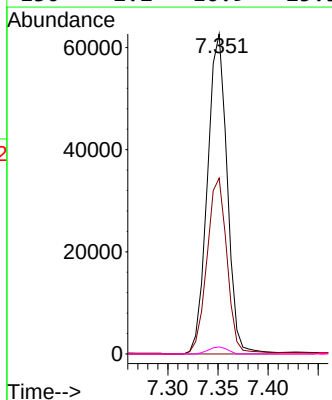
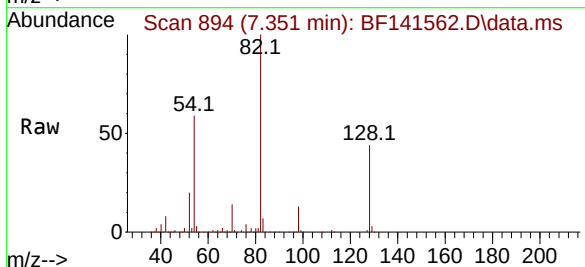
WC-5

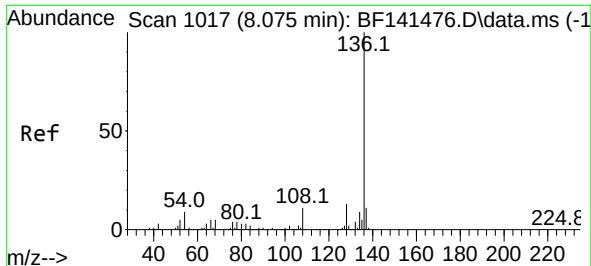
Tgt Ion: 99 Resp: 814656
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.868 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Tgt Ion: 70 Resp: 86010
Ion Ratio Lower Upper
70 100
42 55.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

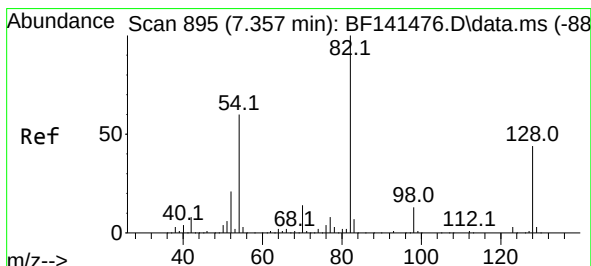
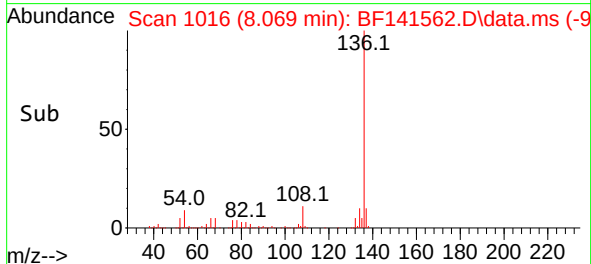
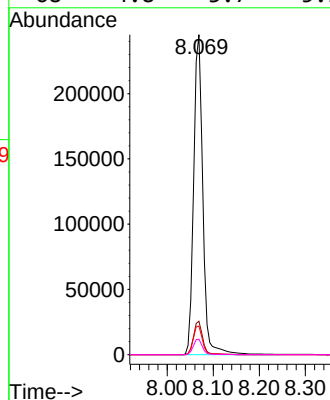
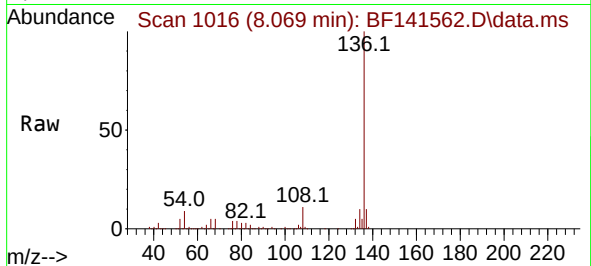




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

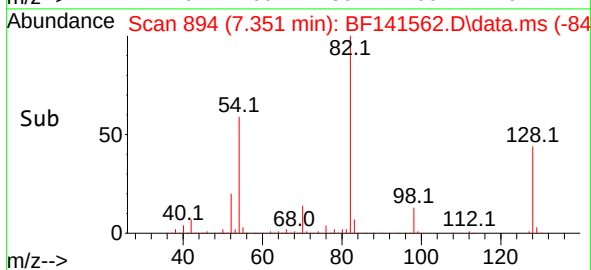
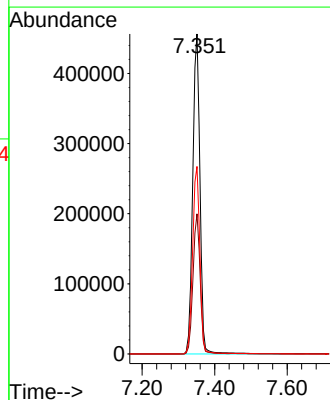
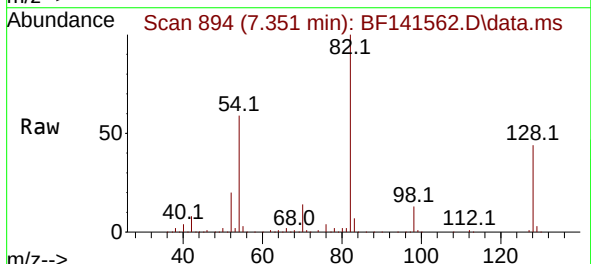
Instrument :
BNA_F
ClientSampleId :
WC-5

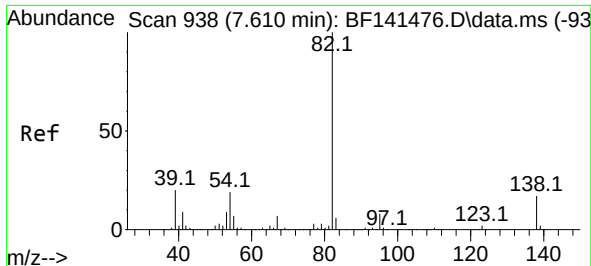
Tgt Ion:136 Resp: 338722
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 97.293 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Tgt Ion: 82 Resp: 631835
Ion Ratio Lower Upper
82 100
128 43.8 34.8 52.2
54 58.6 48.2 72.4

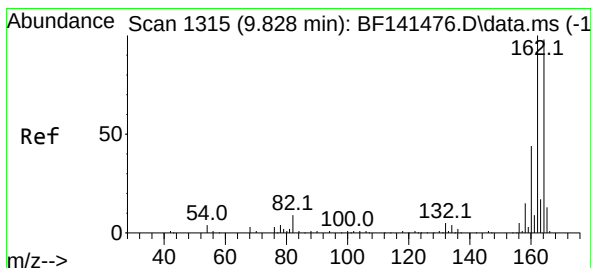
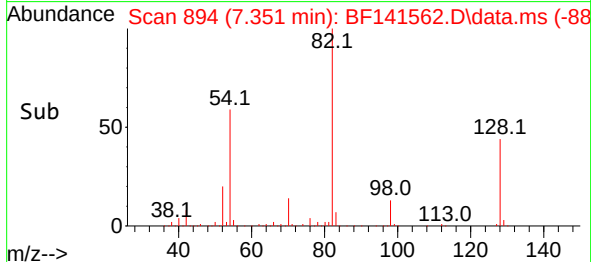
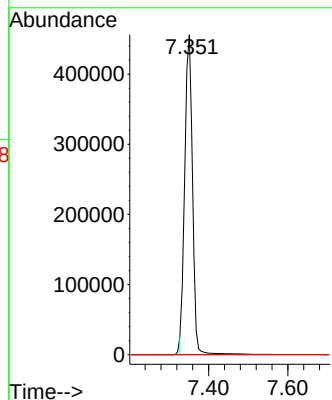
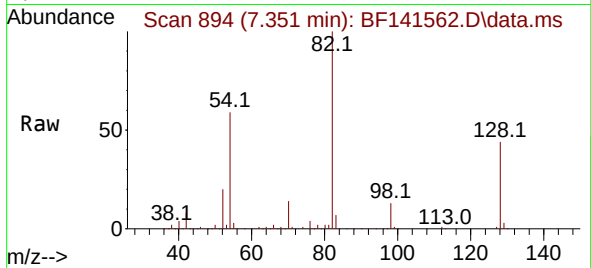




#25
Isophorone
Concen: 59.595 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

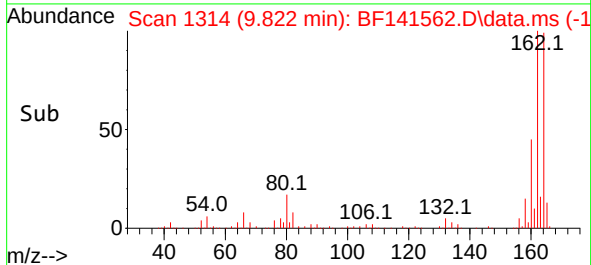
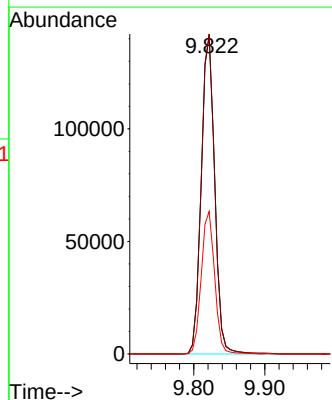
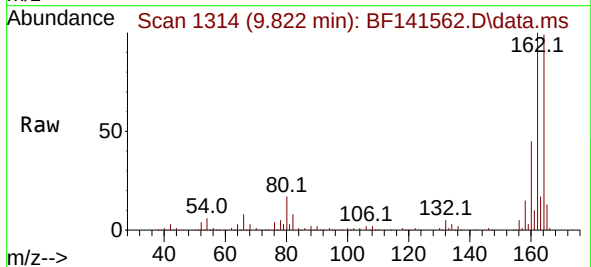
Instrument :
BNA_F
ClientSampleId :
WC-5

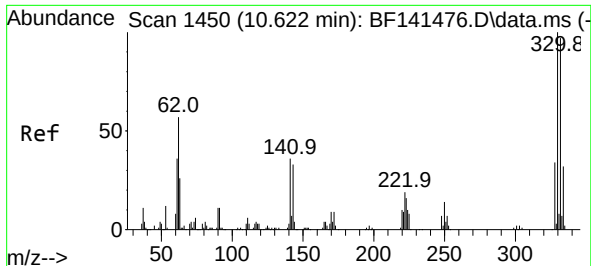
Tgt Ion: 82 Resp: 617084
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Tgt Ion:164 Resp: 185716
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 145.230 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

Instrument :

BNA_F

ClientSampleId :

WC-5

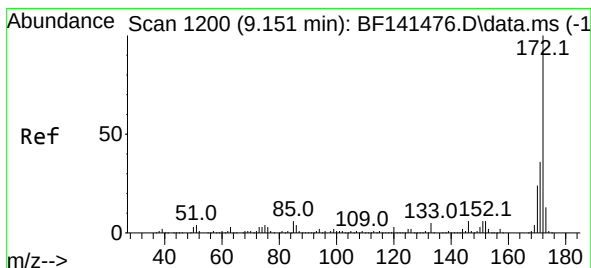
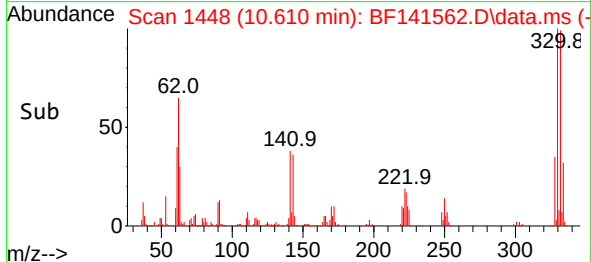
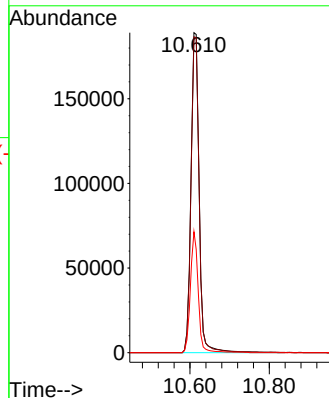
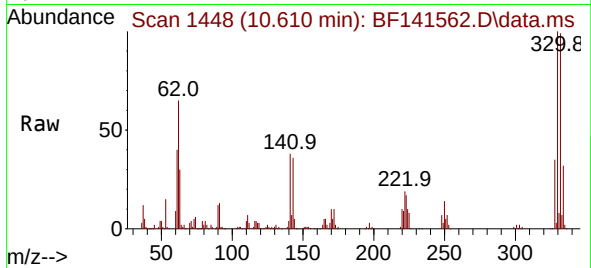
Tgt Ion:330 Resp: 270942

Ion Ratio Lower Upper

330 100

332 98.3 78.5 117.7

141 36.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 98.528 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

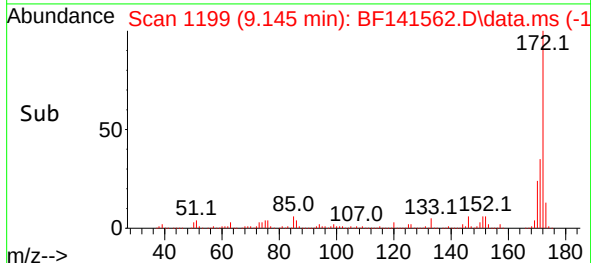
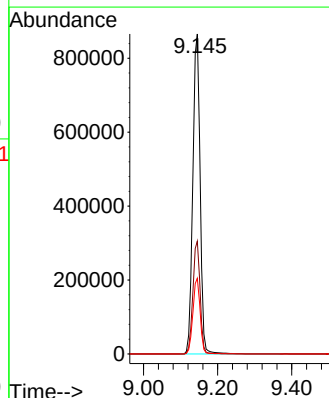
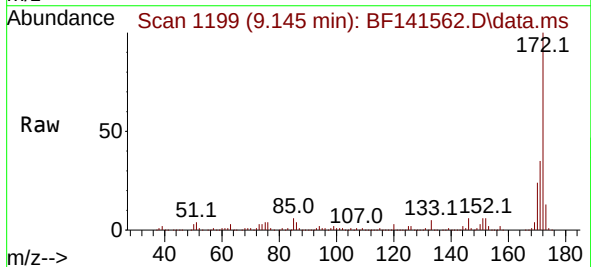
Tgt Ion:172 Resp: 1187704

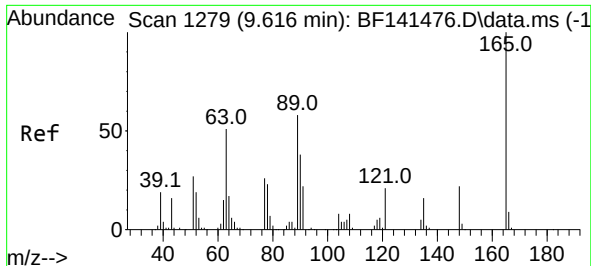
Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.7 18.9 28.3

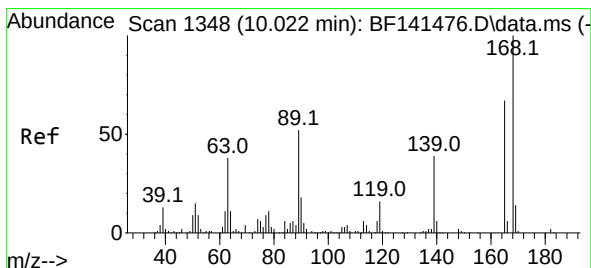
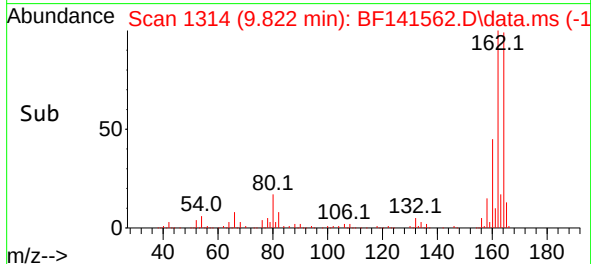
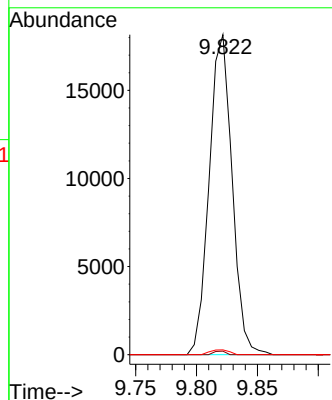
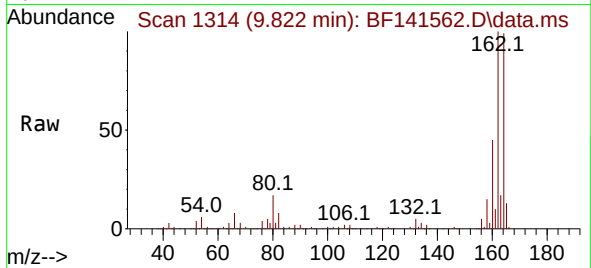




#51
2,6-Dinitrotoluene
Concen: 8.611 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

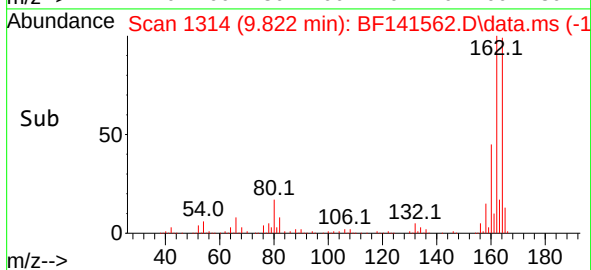
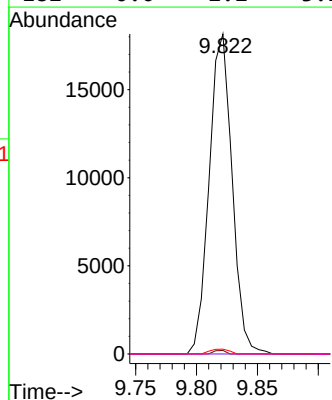
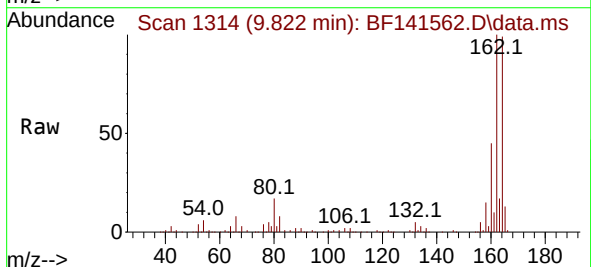
Instrument :
BNA_F
ClientSampleId :
WC-5

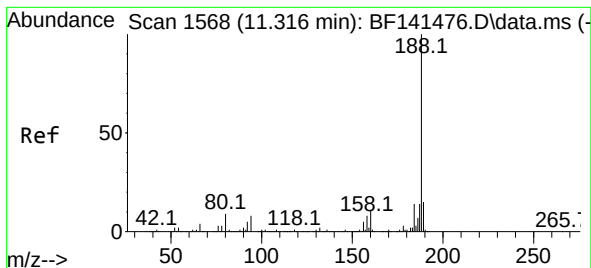
Tgt Ion:165 Resp: 23734
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.5 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.469 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Tgt Ion:165 Resp: 23734
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.5 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

Instrument :

BNA_F

ClientSampleId :

WC-5

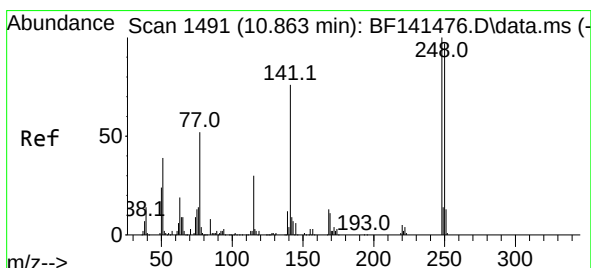
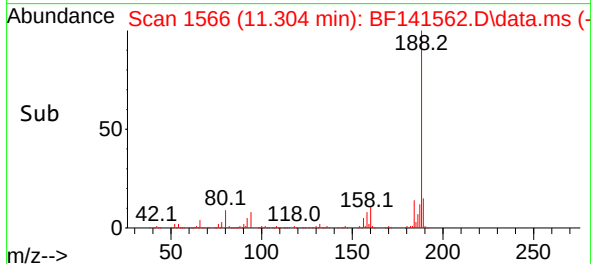
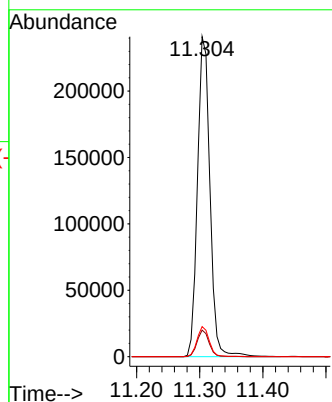
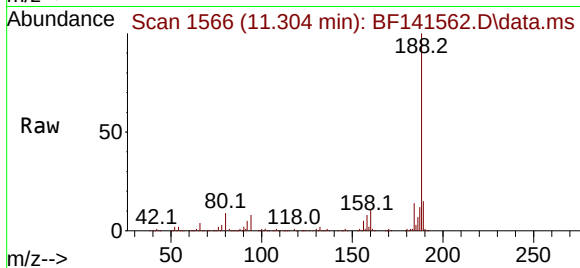
Tgt Ion:188 Resp: 329126

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.842 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

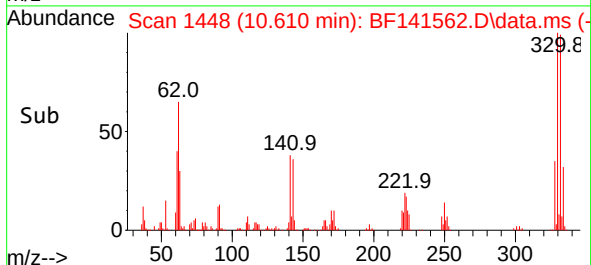
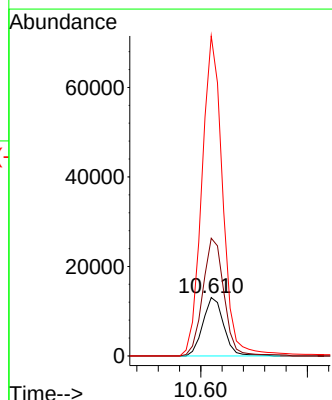
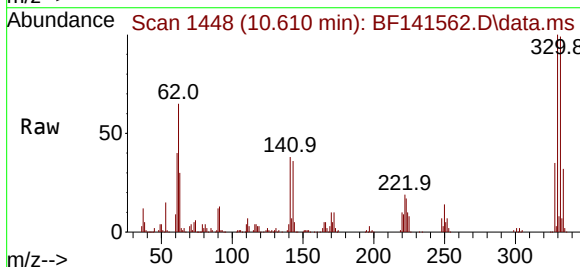
Tgt Ion:248 Resp: 17812

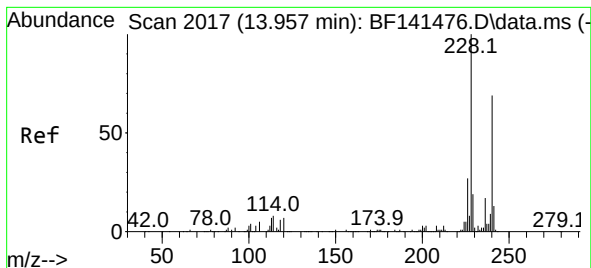
Ion Ratio Lower Upper

248 100

250 201.9 77.8 116.6#

141 548.5 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

Instrument :

BNA_F

ClientSampleId :

WC-5

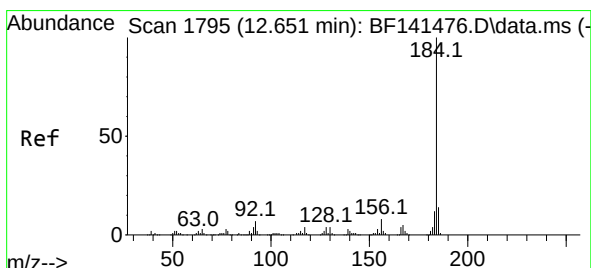
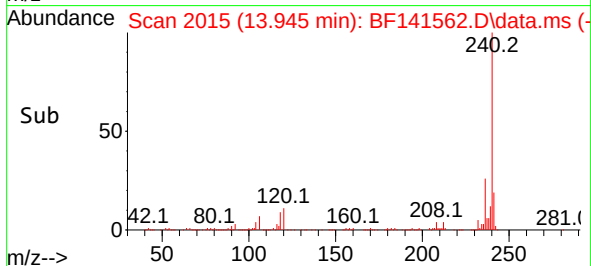
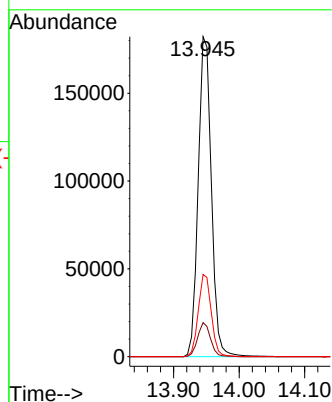
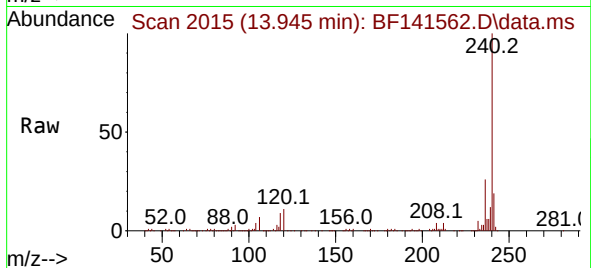
Tgt Ion:240 Resp: 254976

Ion Ratio Lower Upper

240 100

120 10.7 8.0 12.0

236 25.7 19.8 29.8



#77

Benzidine

Concen: 3.447 ng

RT: 12.898 min Scan# 1837

Delta R.T. 0.241 min

Lab File: BF141562.D

Acq: 11 Feb 2025 15:23

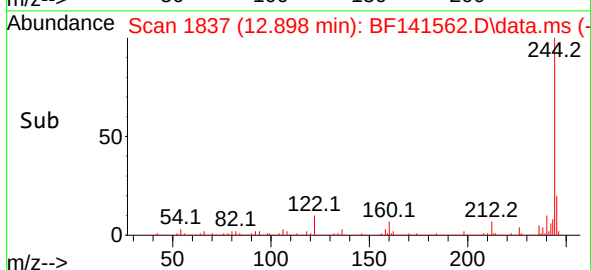
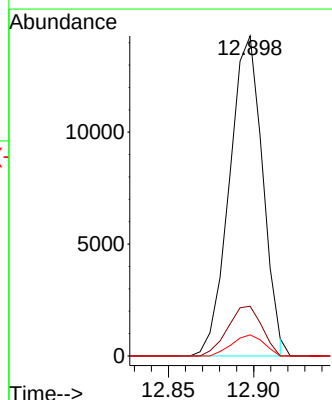
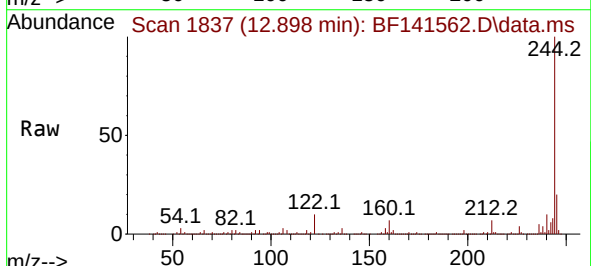
Tgt Ion:184 Resp: 19382

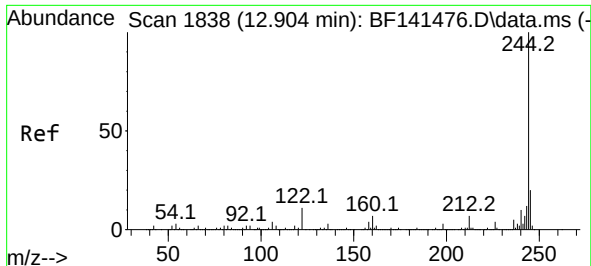
Ion Ratio Lower Upper

184 100

185 15.6 11.3 16.9

183 6.6 9.3 13.9#

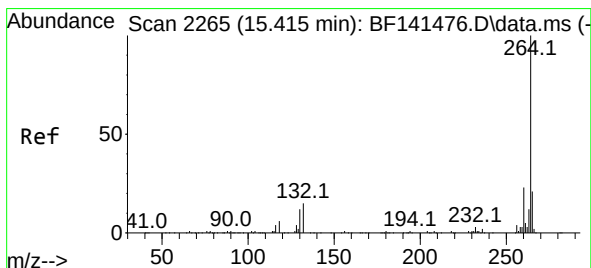
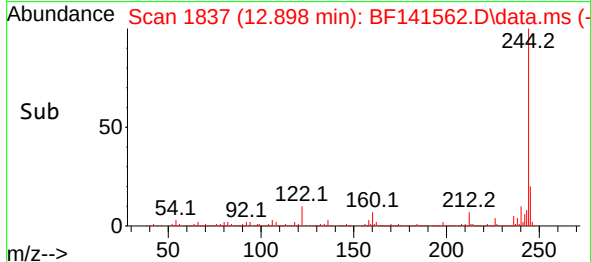
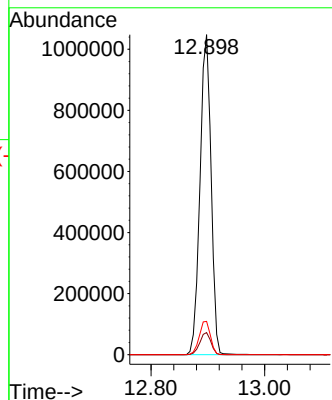
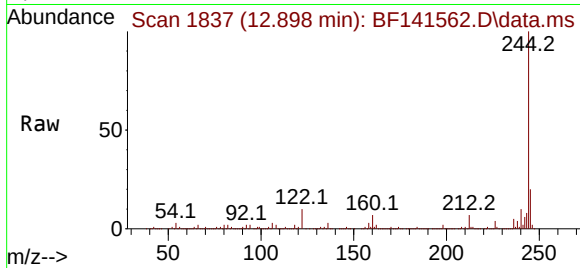




#79
Terphenyl-d14
Concen: 94.060 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Instrument :
BNA_F
ClientSampleId :
WC-5

Tgt Ion:244 Resp: 1420649
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.4 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141562.D
Acq: 11 Feb 2025 15:23

Tgt Ion:264 Resp: 192946
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.2 17.0 25.4

