

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141560.D
 Acq On : 11 Feb 2025 14:30
 Operator : RC/JU
 Sample : Q1309-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

Quant Time: Feb 11 14:50:26 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)

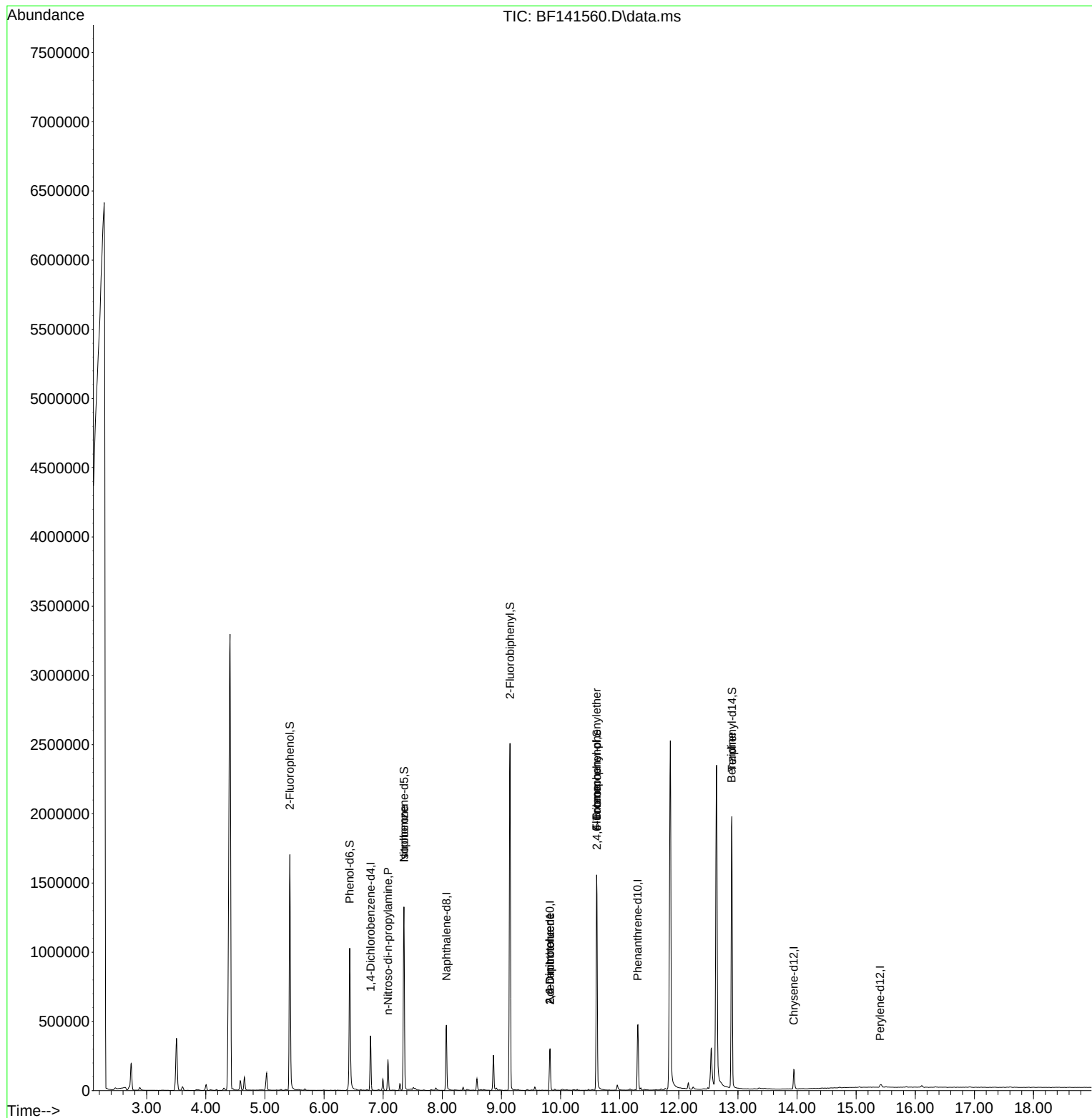
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	78998	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	307022	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	80075	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	215973	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	52401	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	4338	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	634948	126.008	ng	0.01
7) Phenol-d6	6.434	99	411808	64.660	ng	0.00
23) Nitrobenzene-d5	7.351	82	592055	100.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	254166	315.974	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1126355	216.711	ng	0.00
79) Terphenyl-d14	12.898	244	788562	254.046	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.081	70	14195	3.726	ng	# 45
25) Isophorone	7.351	82	573037	61.055	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	10111	8.508	ng	# 25
57) 2,4-Dinitrotoluene	9.822	165	10111	6.391	ng	# 21
58) Fluorene	10.610	166	10761	2.066	ng	# 86
67) 4-Bromophenyl-phenylether	10.610	248	17581	7.284	ng	# 1
77) Benzidine	12.892	184	12123	10.490	ng	# 83

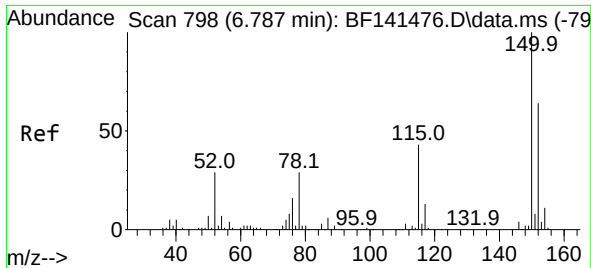
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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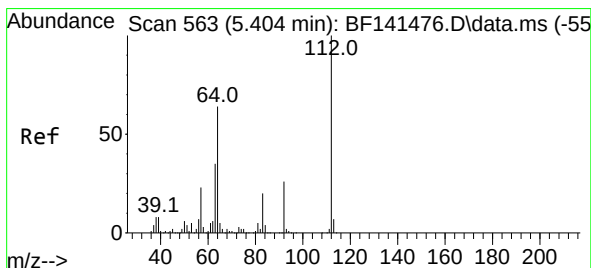
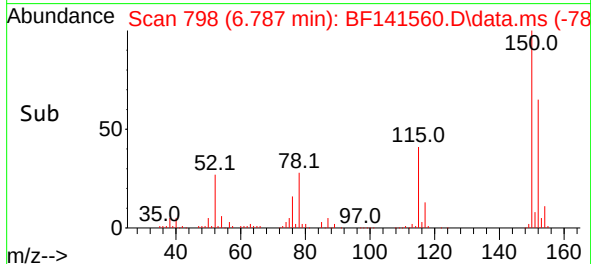
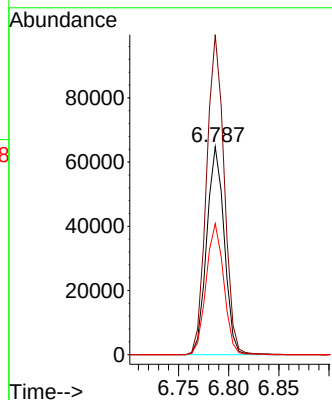
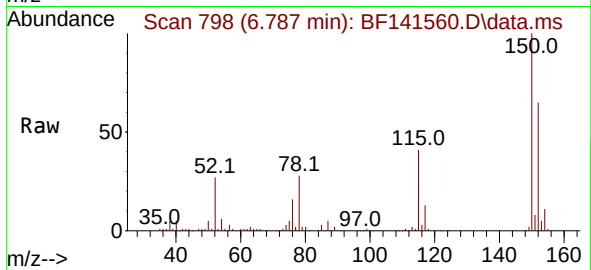




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

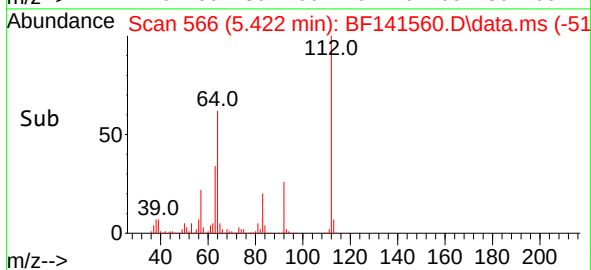
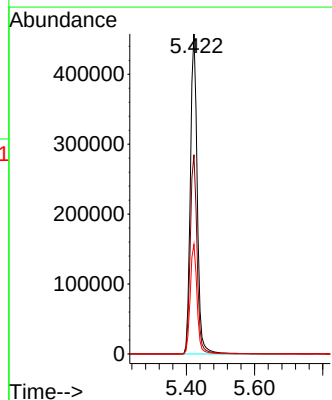
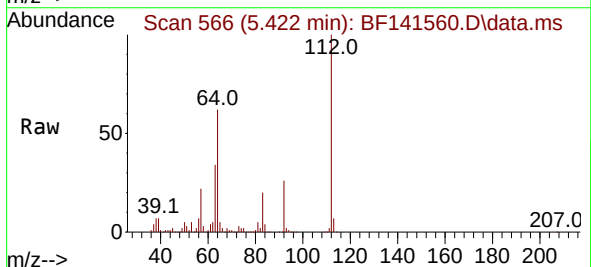
Instrument :
 BNA_F
 ClientSampleId :
 WC-8

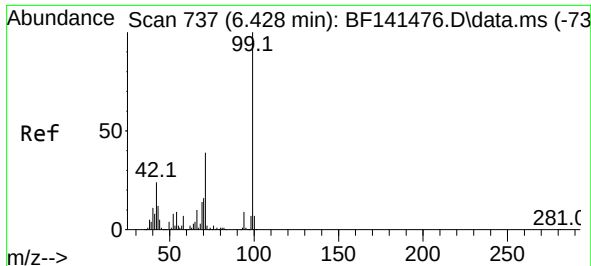
Tgt Ion:152 Resp: 78998
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.0 187.4
 115 63.0 53.6 80.4



#5
 2-Fluorophenol
 Concen: 126.008 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

Tgt Ion:112 Resp: 634948
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.1 76.7
 63 34.3 28.4 42.6

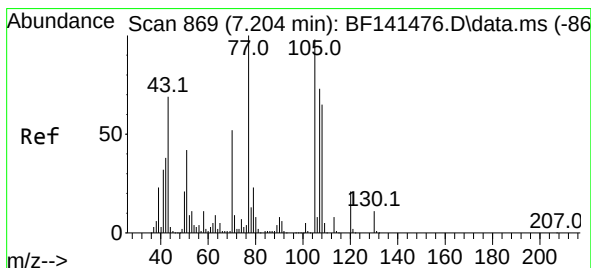
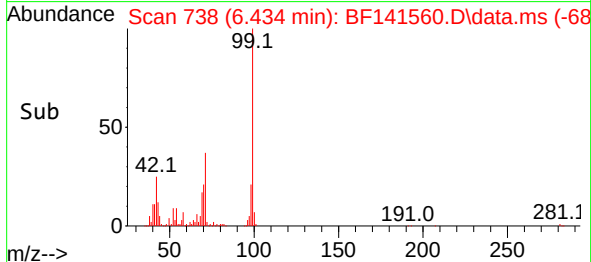
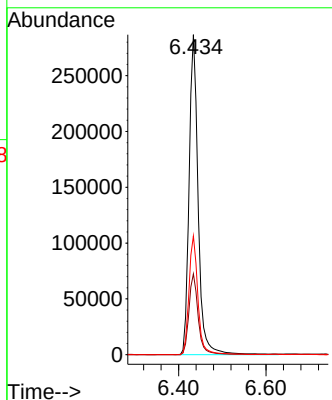
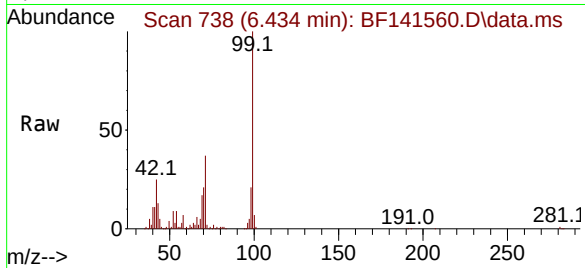




#7
Phenol-d6
Concen: 64.660 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

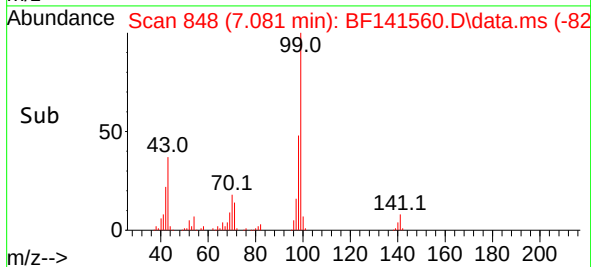
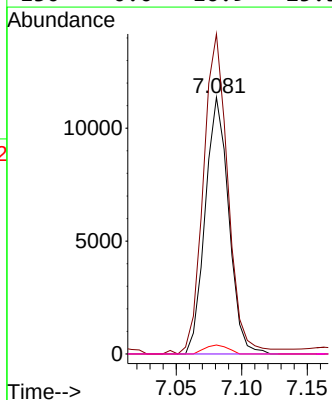
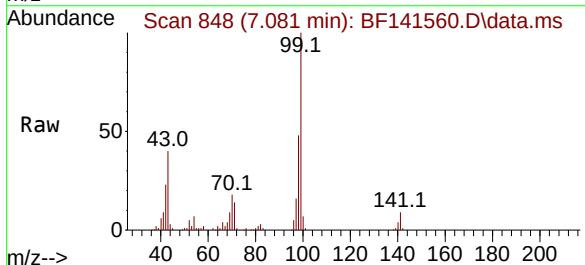
Instrument :
BNA_F
ClientSampleId :
WC-8

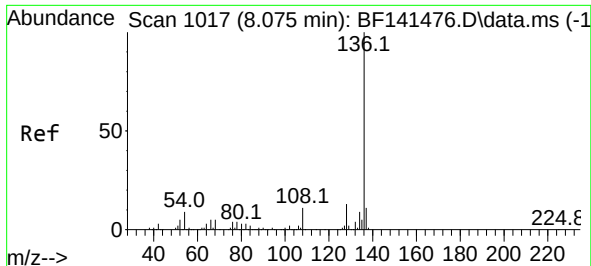
Tgt Ion: 99 Resp: 411808
Ion Ratio Lower Upper
99 100
42 25.2 19.1 28.7
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.726 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.135 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion: 70 Resp: 14195
Ion Ratio Lower Upper
70 100
42 124.7 57.4 86.2#
101 3.5 8.0 12.0#
130 0.0 16.9 25.3#

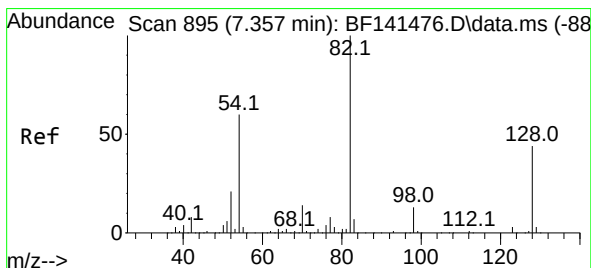
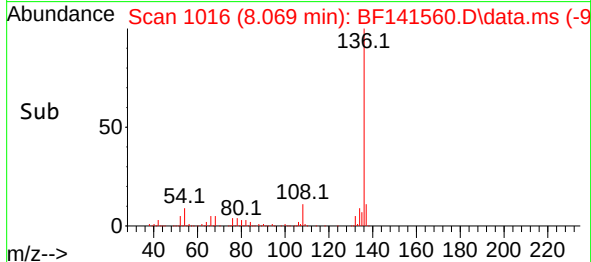
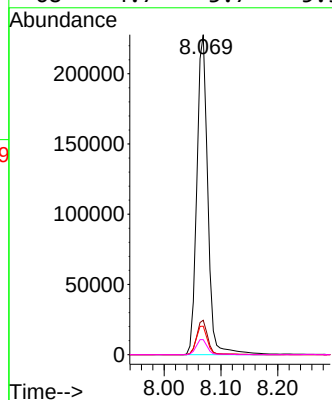
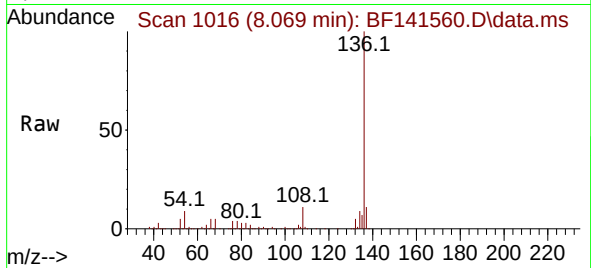




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

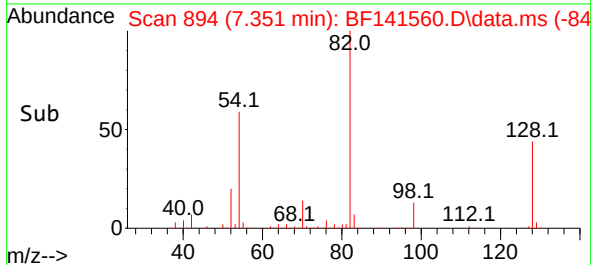
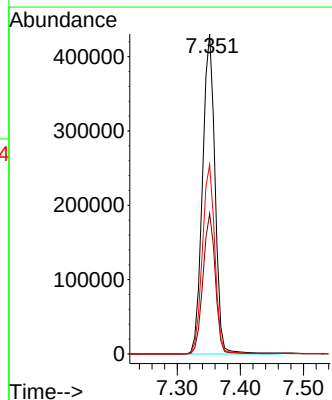
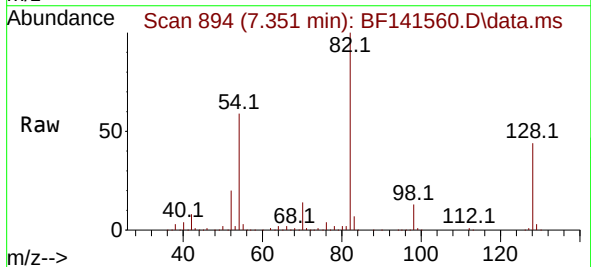
Instrument :
BNA_F
ClientSampleId :
WC-8

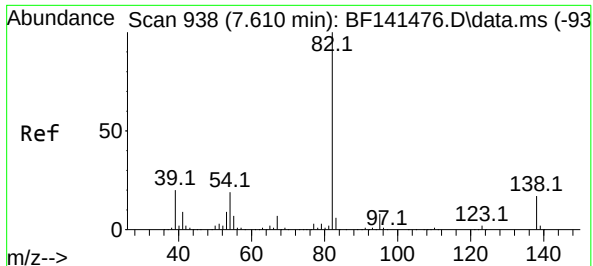
Tgt Ion:136 Resp: 307022
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.2 10.8
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 100.581 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion: 82 Resp: 592055
Ion Ratio Lower Upper
82 100
128 43.8 34.8 52.2
54 59.1 48.2 72.4

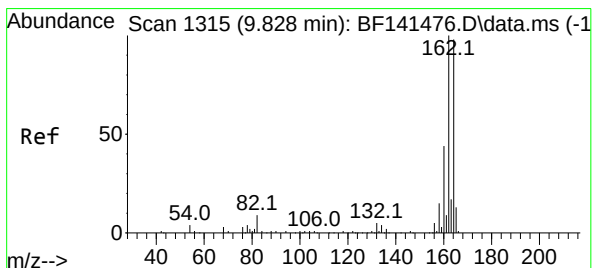
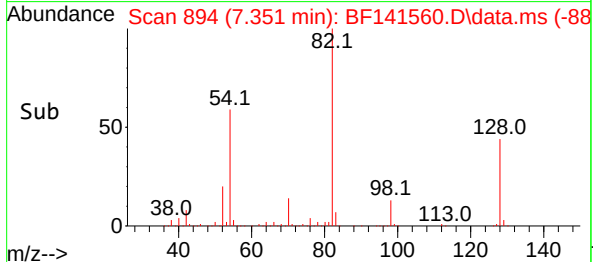
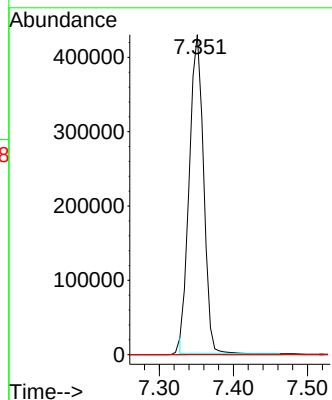
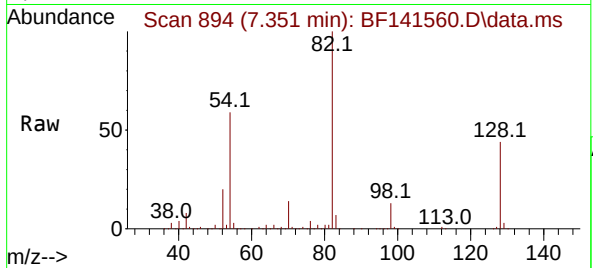




#25
Isophorone
Concen: 61.055 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

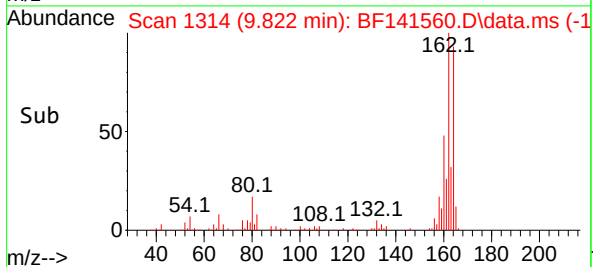
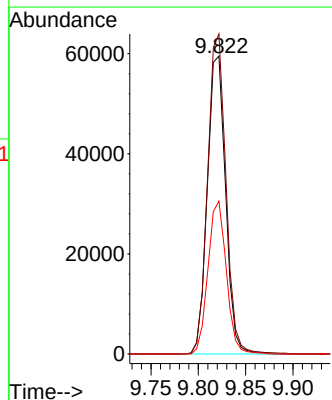
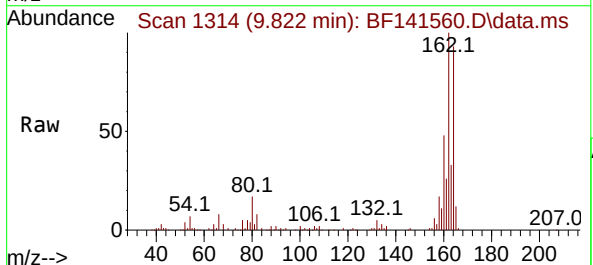
Instrument :
BNA_F
ClientSampleId :
WC-8

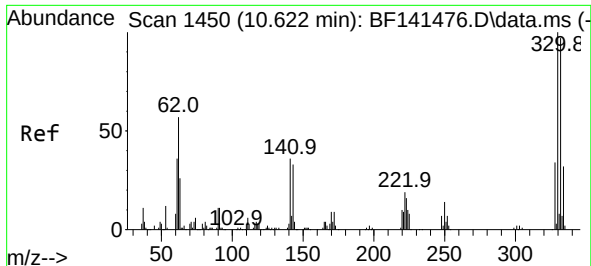
Tgt Ion: 82 Resp: 573037
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion: 164 Resp: 80075
Ion Ratio Lower Upper
164 100
162 107.4 81.3 121.9
160 51.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 315.974 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141560.D

Acq: 11 Feb 2025 14:30

Instrument :

BNA_F

ClientSampleId :

WC-8

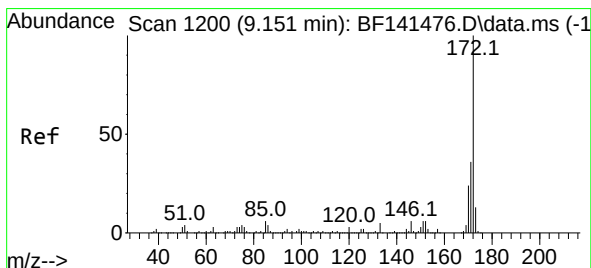
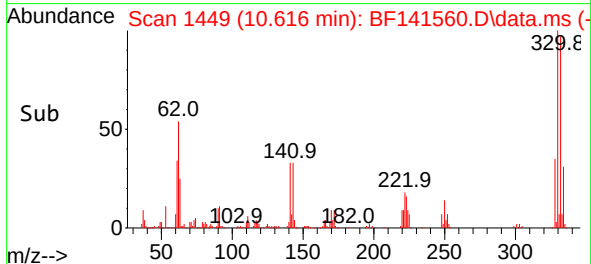
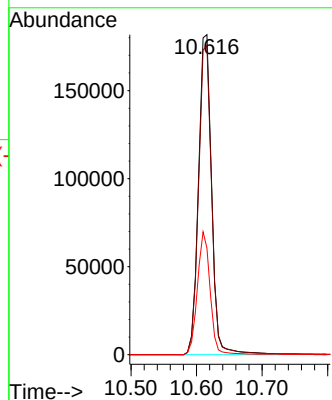
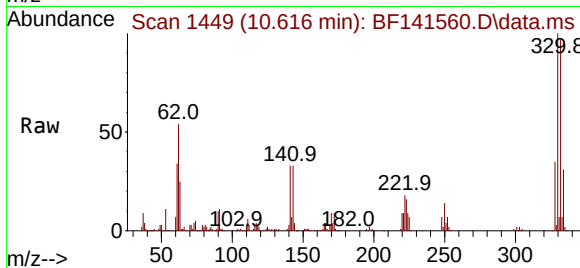
Tgt Ion:330 Resp: 254166

Ion Ratio Lower Upper

330 100

332 97.1 78.5 117.7

141 37.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 216.711 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141560.D

Acq: 11 Feb 2025 14:30

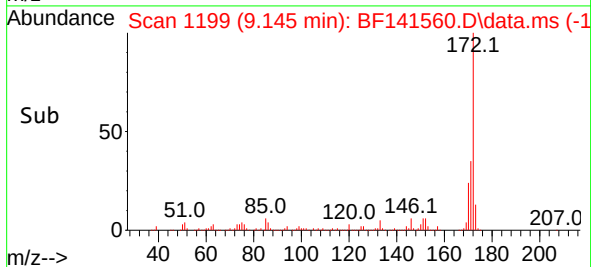
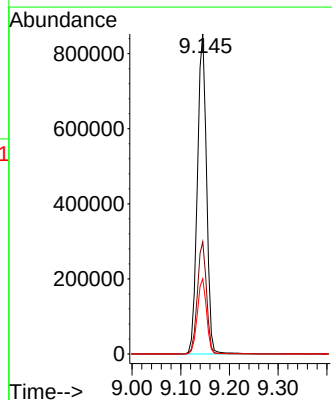
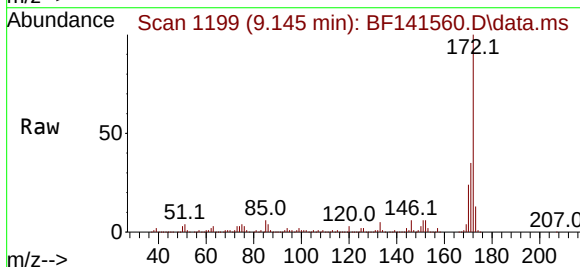
Tgt Ion:172 Resp: 1126355

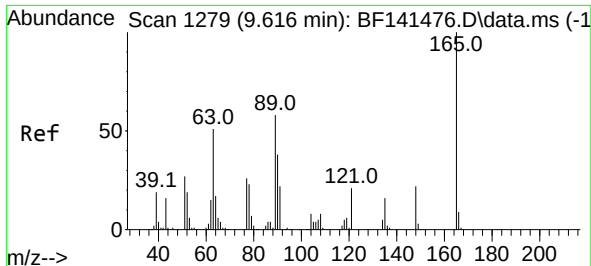
Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.508 ng

RT: 9.822 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF141560.D

Acq: 11 Feb 2025 14:30

Instrument :

BNA_F

ClientSampleId :

WC-8

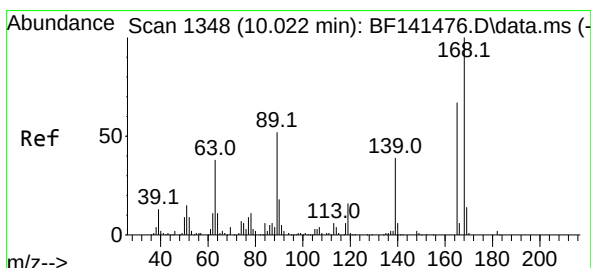
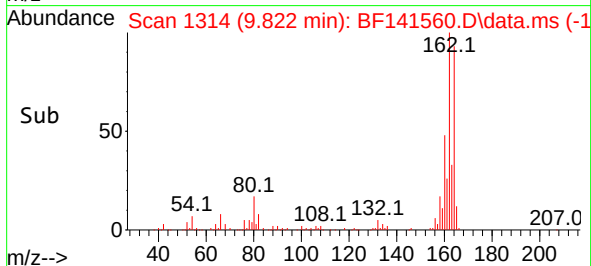
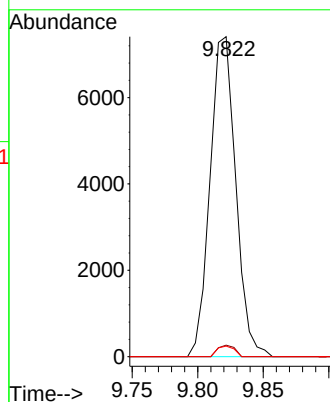
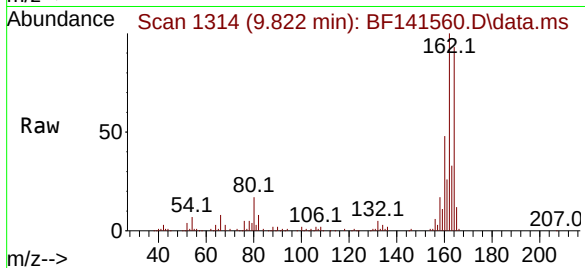
Tgt Ion:165 Resp: 10111

Ion Ratio Lower Upper

165 100

63 3.6 49.4 74.0#

89 3.3 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.391 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141560.D

Acq: 11 Feb 2025 14:30

Tgt Ion:165 Resp: 10111

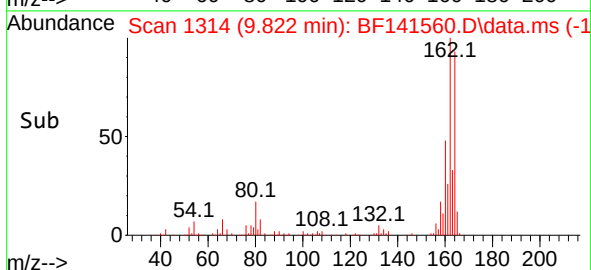
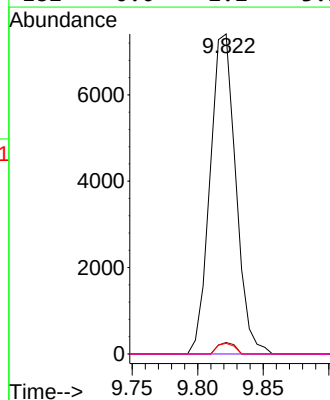
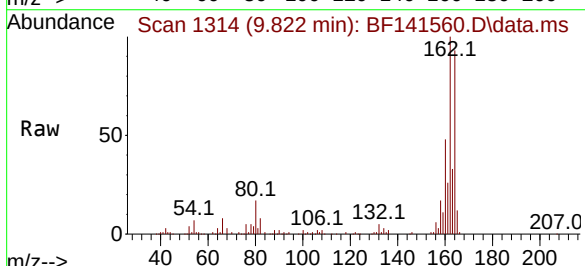
Ion Ratio Lower Upper

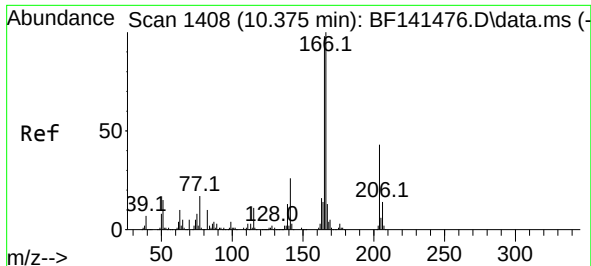
165 100

63 3.6 46.4 69.6#

89 3.3 61.8 92.6#

182 0.0 2.2 3.2#

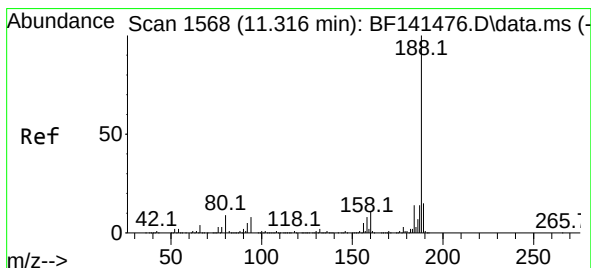
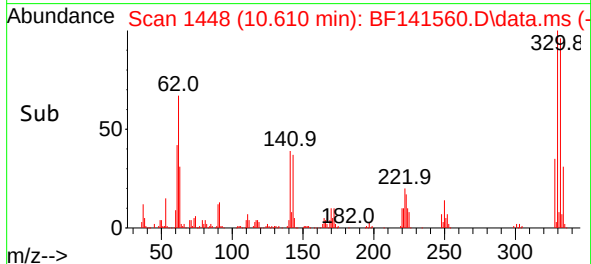
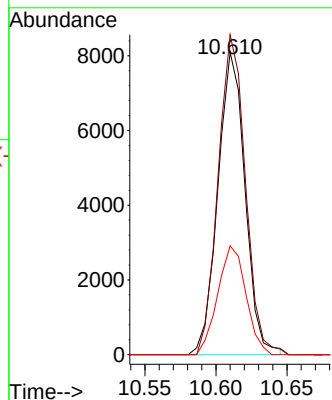
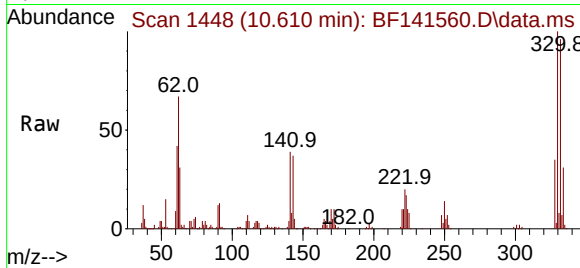




#58
 Fluorene
 Concen: 2.066 ng
 RT: 10.610 min Scan# 1408
 Delta R.T. 0.230 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

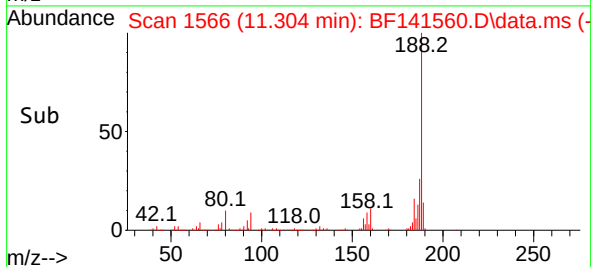
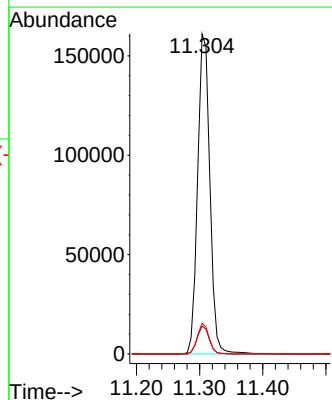
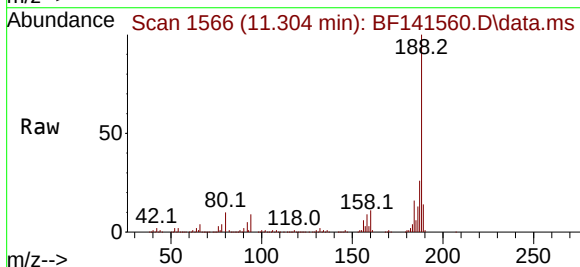
Instrument :
 BNA_F
 ClientSampleId :
 WC-8

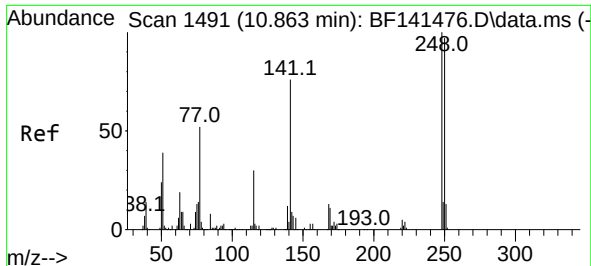
Tgt Ion:166 Resp: 10761
 Ion Ratio Lower Upper
 166 100
 165 105.8 78.2 117.2
 167 36.0 10.7 16.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.304 min Scan# 1566
 Delta R.T. -0.012 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

Tgt Ion:188 Resp: 215973
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.6 10.0
 80 9.5 7.3 10.9

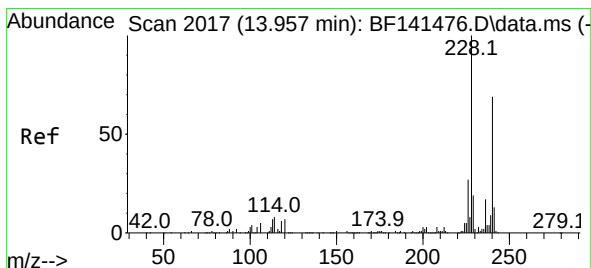
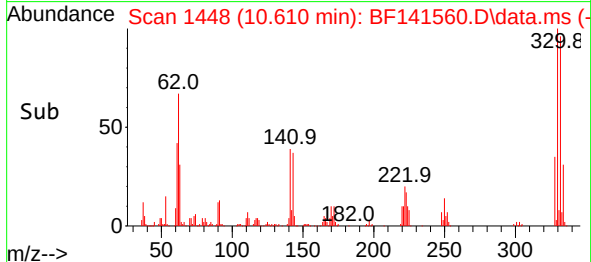
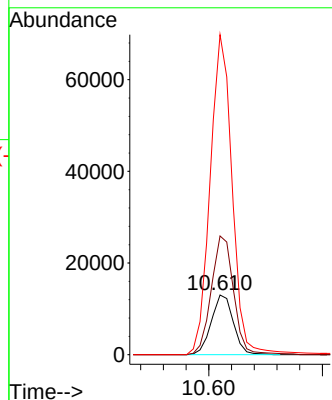
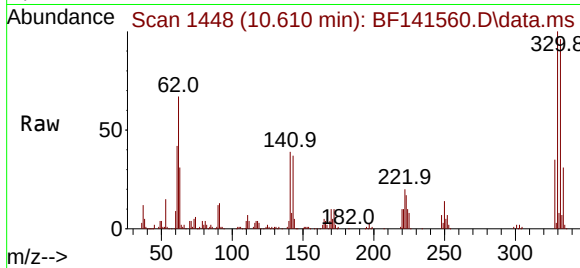




#67
4-Bromophenyl-phenylether
Concen: 7.284 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

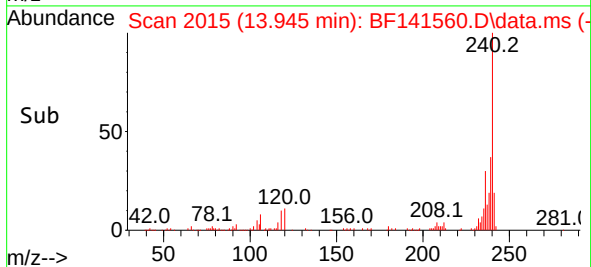
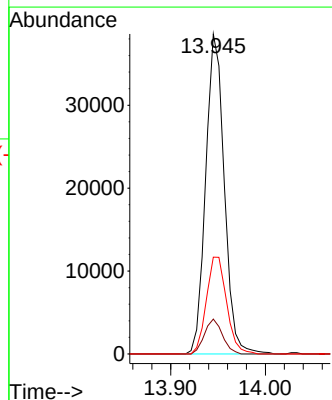
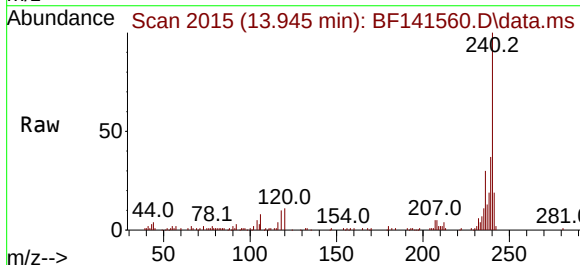
Instrument :
BNA_F
ClientSampleId :
WC-8

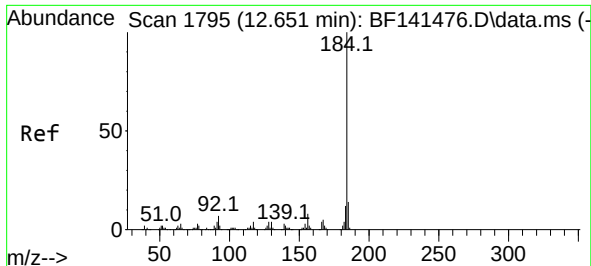
Tgt Ion:248 Resp: 17581
Ion Ratio Lower Upper
248 100
250 199.1 77.8 116.6#
141 536.7 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion:240 Resp: 52401
Ion Ratio Lower Upper
240 100
120 10.9 8.0 12.0
236 30.2 19.8 29.8#

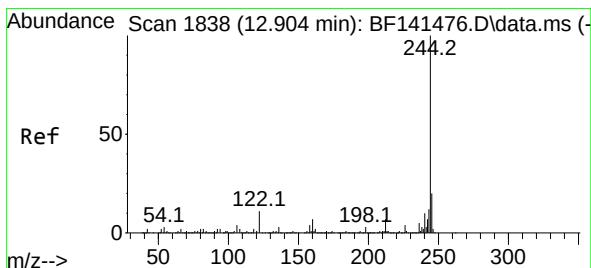
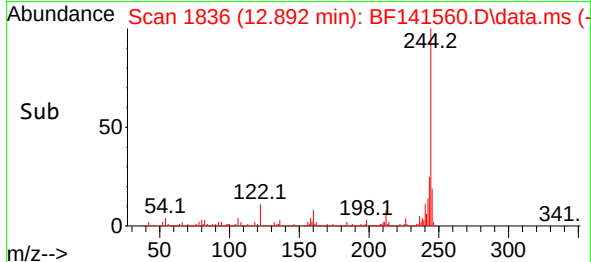
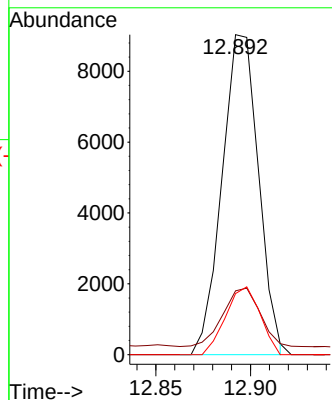
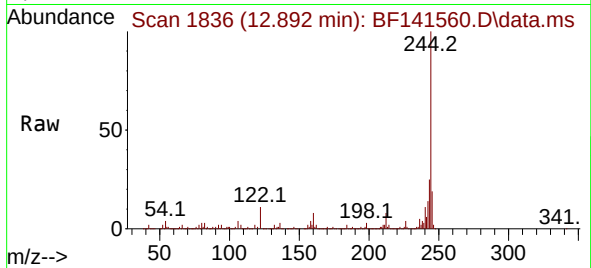




#77
Benzidine
Concen: 10.490 ng
RT: 12.892 min Scan# 1836
Delta R.T. 0.235 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

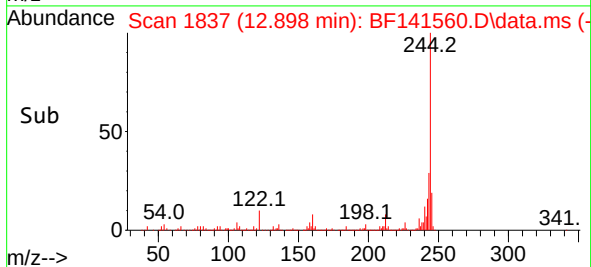
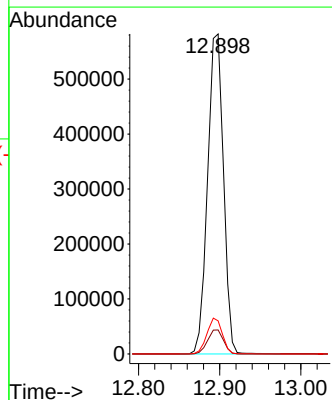
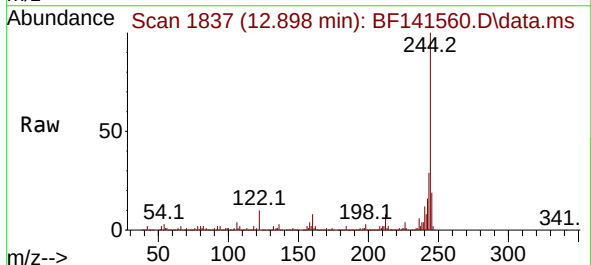
Instrument :
BNA_F
ClientSampleId :
WC-8

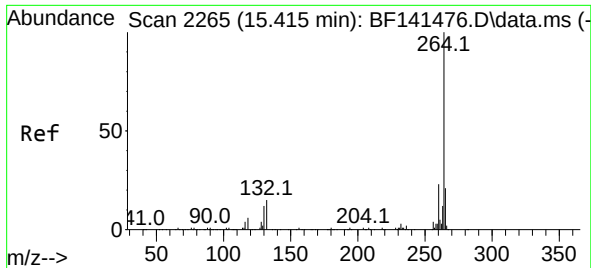
Tgt Ion:184 Resp: 12123
Ion Ratio Lower Upper
184 100
185 19.9 11.3 16.9#
183 19.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 254.046 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

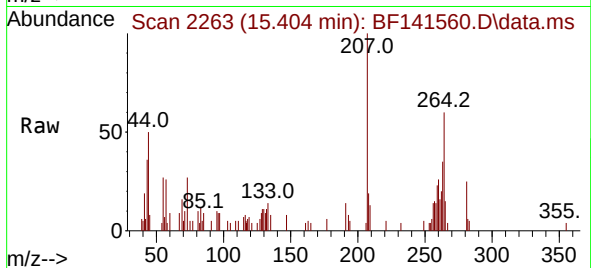
Tgt Ion:244 Resp: 788562
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 10.4 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Instrument :
BNA_F
ClientSampleId :
WC-8



Tgt Ion:264 Resp: 4338
Ion Ratio Lower Upper
264 100
260 44.0 18.6 28.0#
265 24.4 17.0 25.4

