

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141593.D
 Acq On : 12 Feb 2025 16:35
 Operator : RC/JU
 Sample : Q1343-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

Quant Time: Feb 12 17:00:03 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)

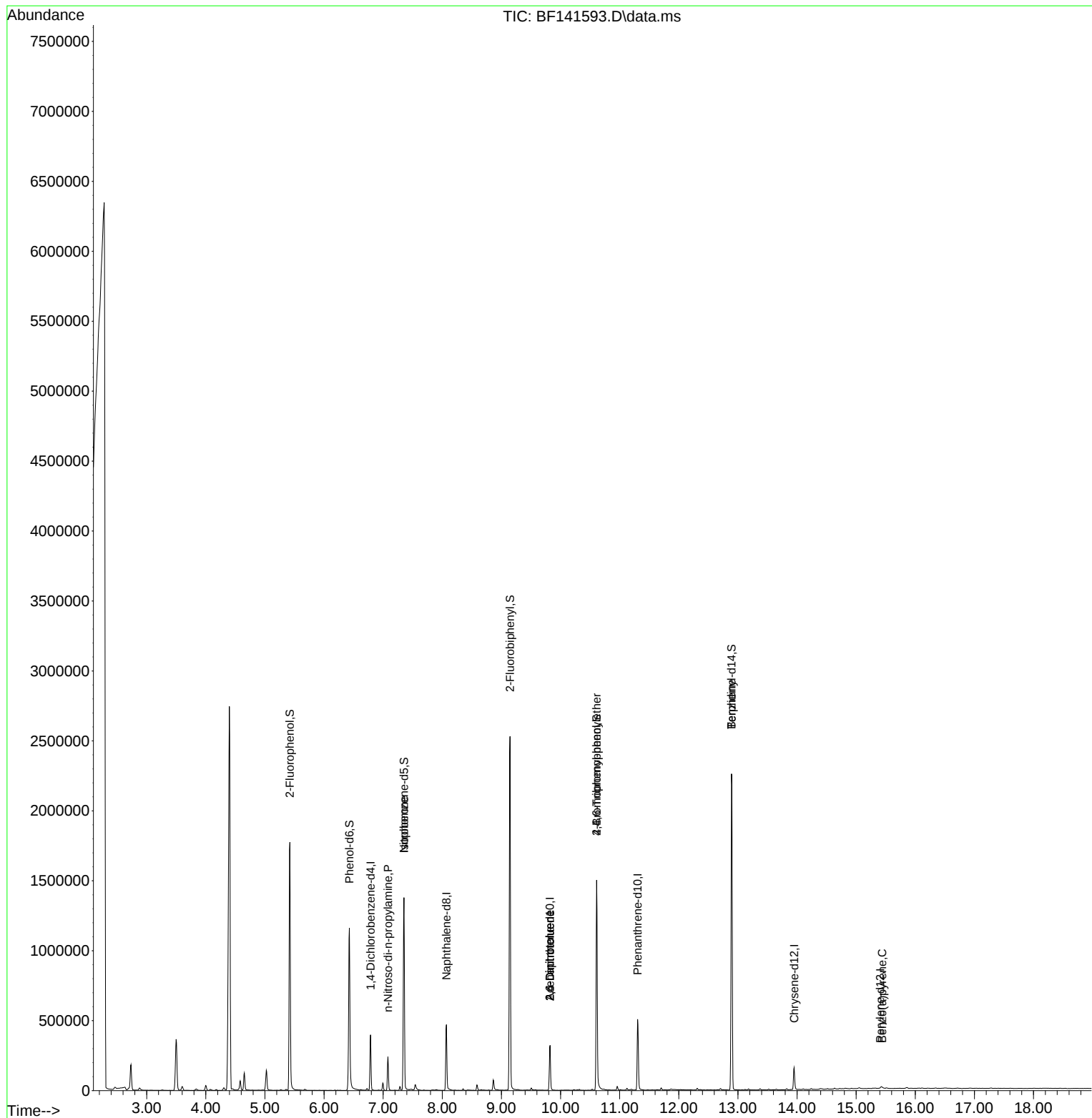
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	80558	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	322860	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	90392	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	256165	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	60430	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	738	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	677523	131.853	ng	0.01
7) Phenol-d6	6.428	99	482282	74.259	ng	-0.01
23) Nitrobenzene-d5	7.351	82	622697	100.597	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	257062	283.099	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1154555	196.783	ng	0.00
79) Terphenyl-d14	12.892	244	1065067	297.537	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.081	70	15357	3.953	ng	# 35
25) Isophorone	7.351	82	603636	61.160	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	11347	8.459	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	11347	6.354	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	18277	6.384	ng	# 1
77) Benzidine	12.892	184	14260	10.700	ng	95
90) Benzo(a)pyrene	15.439	252	257	6.409	ng	# 1

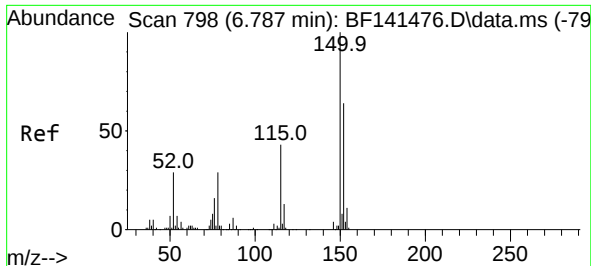
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141593.D
Acq On : 12 Feb 2025 16:35
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 12 17:00:03 2025
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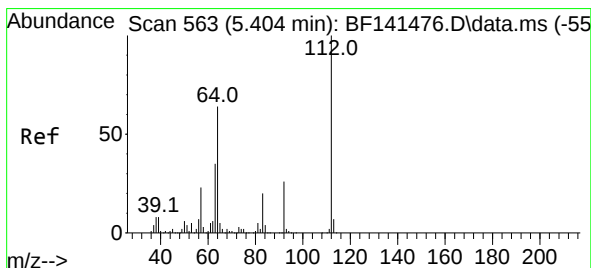
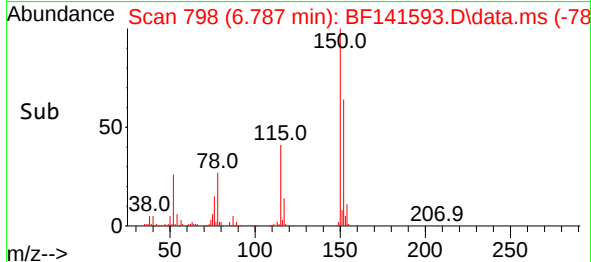
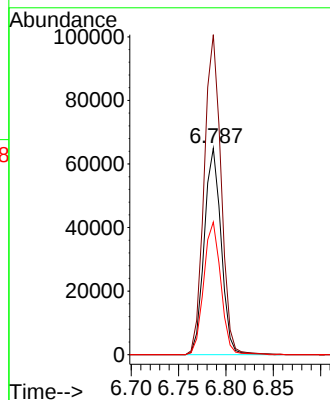
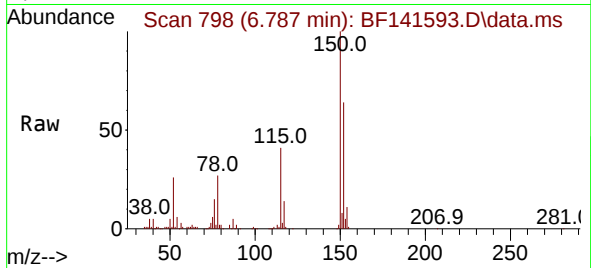




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

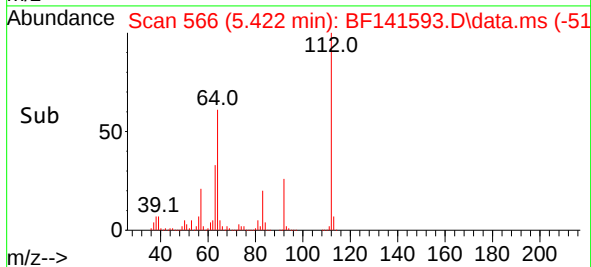
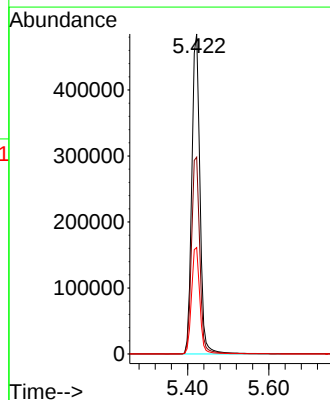
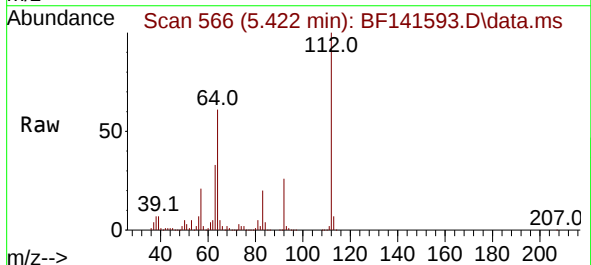
Instrument :
BNA_F
ClientSampleId :
WC-14

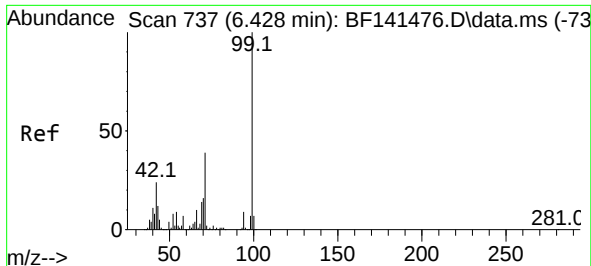
Tgt Ion:152 Resp: 80558
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 131.853 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion:112 Resp: 677523
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 33.3 28.4 42.6

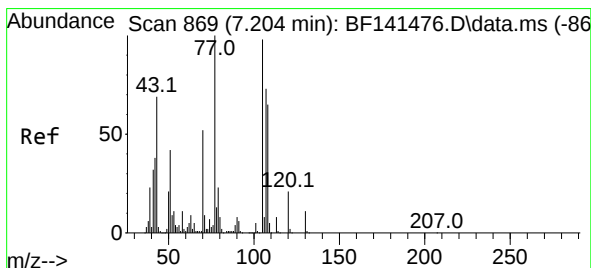
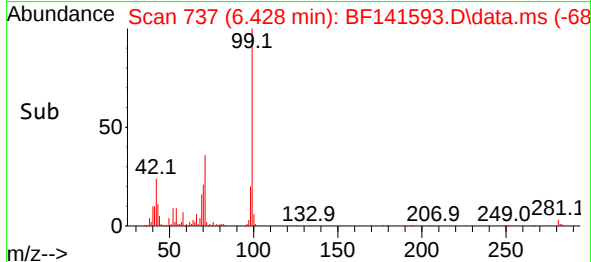
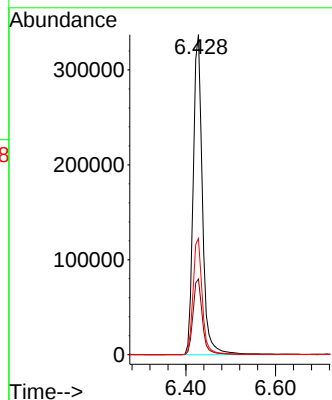
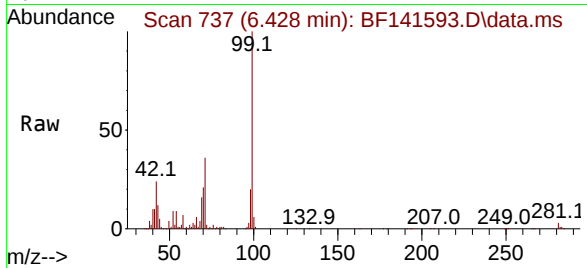




#7
Phenol-d6
Concen: 74.259 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

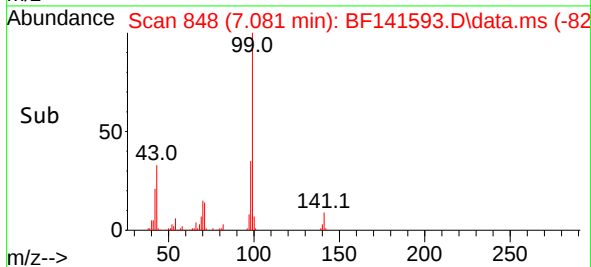
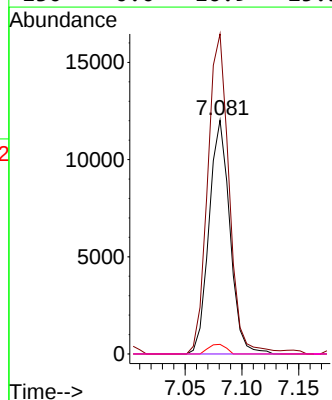
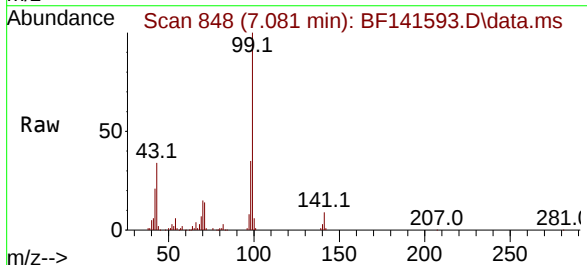
Instrument :
BNA_F
ClientSampleId :
WC-14

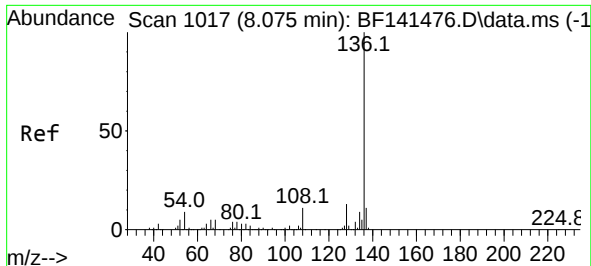
Tgt Ion: 99 Resp: 482282
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 36.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.953 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.135 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion: 70 Resp: 15357
Ion Ratio Lower Upper
70 100
42 136.9 57.4 86.2#
101 4.1 8.0 12.0#
130 0.0 16.9 25.3#

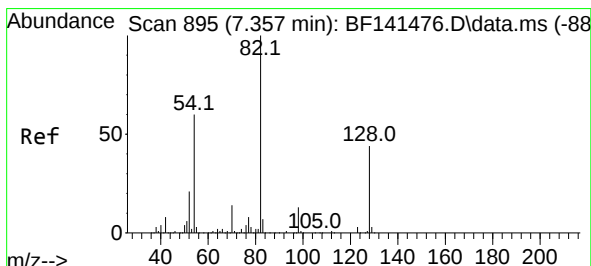
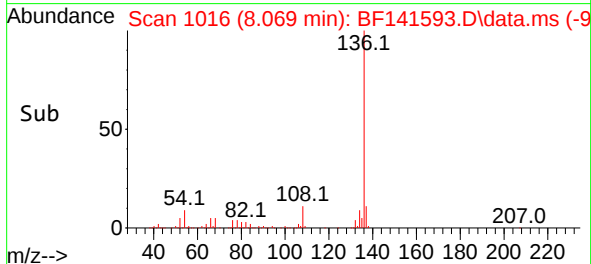
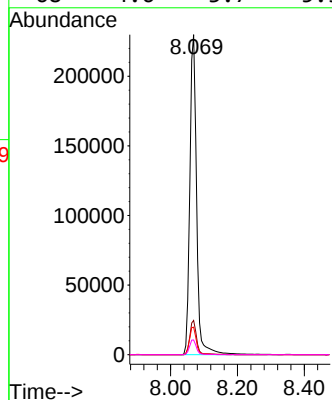
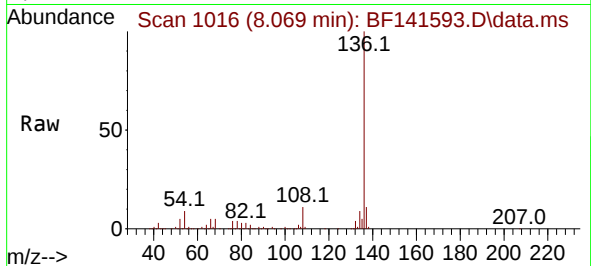




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

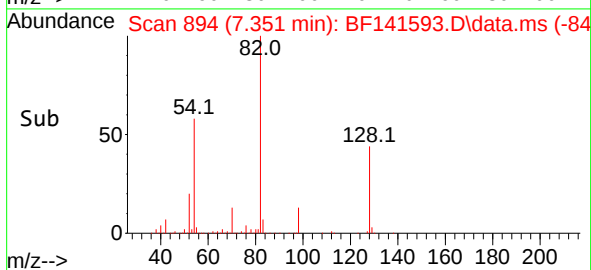
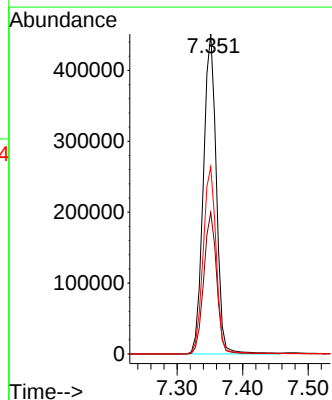
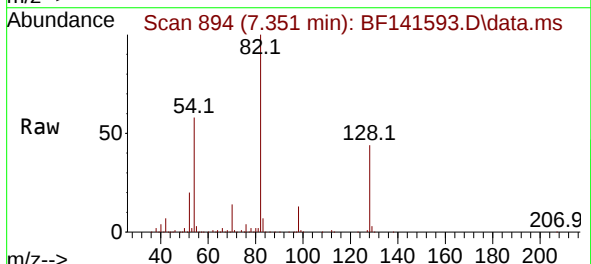
Instrument :
BNA_F
ClientSampleId :
WC-14

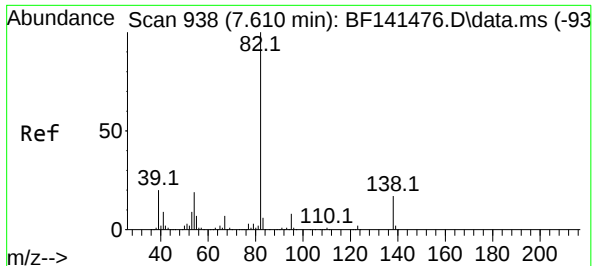
Tgt Ion:136 Resp: 322860
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.2 10.8
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 100.597 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion: 82 Resp: 622697
Ion Ratio Lower Upper
82 100
128 44.2 34.8 52.2
54 58.5 48.2 72.4

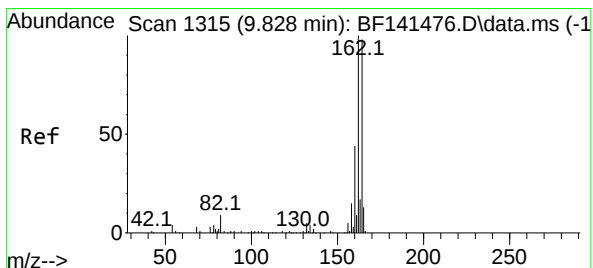
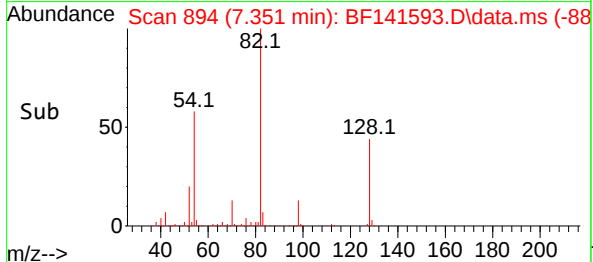
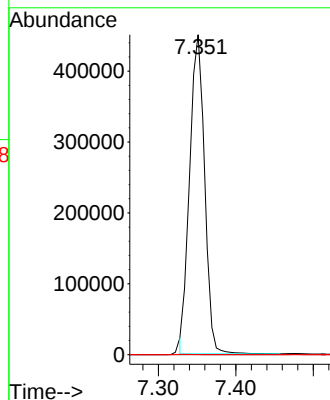
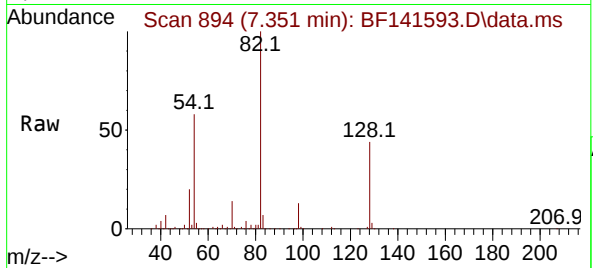




#25
Isophorone
Concen: 61.160 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

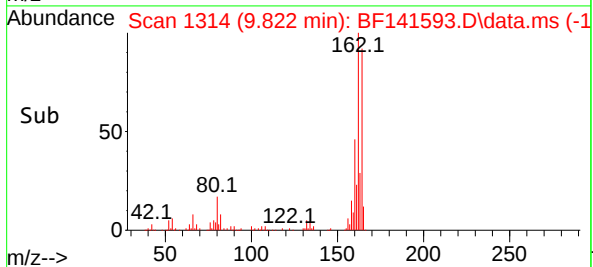
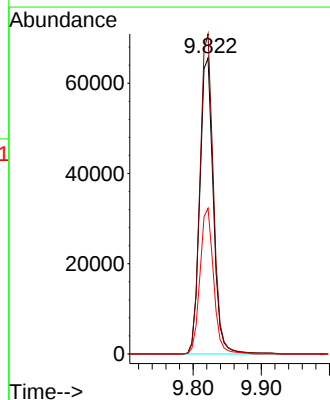
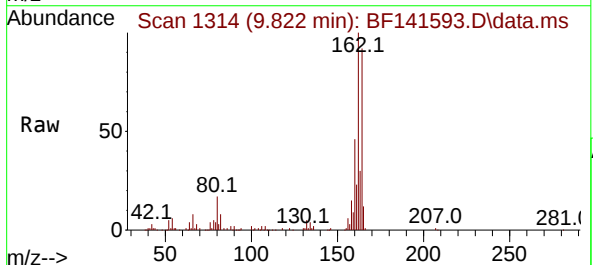
Instrument :
BNA_F
ClientSampleId :
WC-14

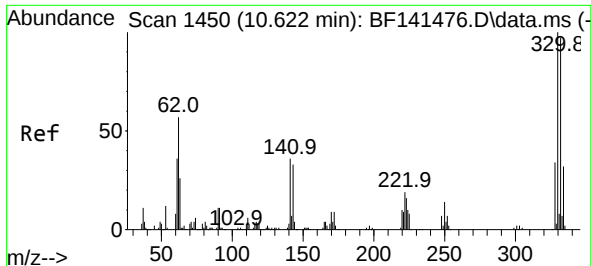
Tgt Ion: 82 Resp: 603636
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion:164 Resp: 90392
Ion Ratio Lower Upper
164 100
162 108.1 81.3 121.9
160 49.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 283.099 ng

RT: 10.610 min Scan# 1199

Delta R.T. -0.017 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

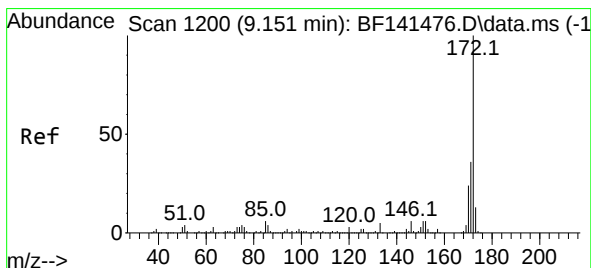
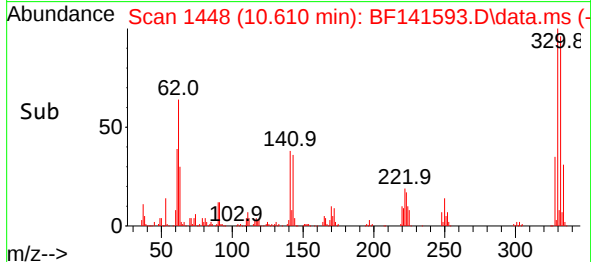
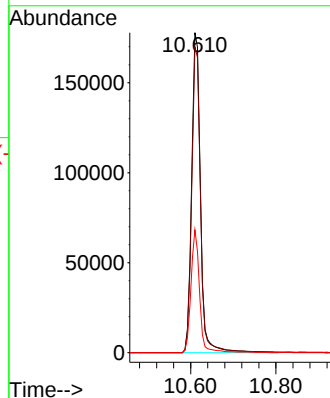
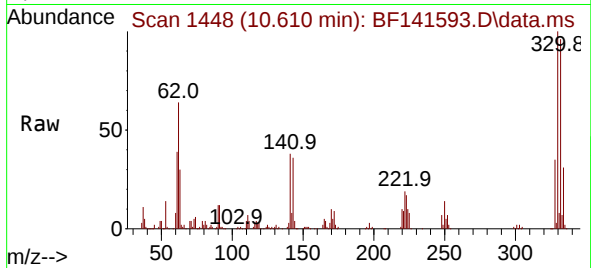
Tgt Ion:330 Resp: 257062

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 37.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 196.783 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

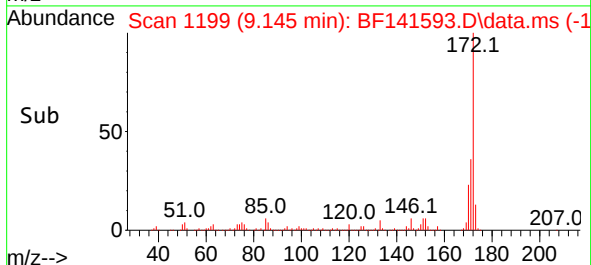
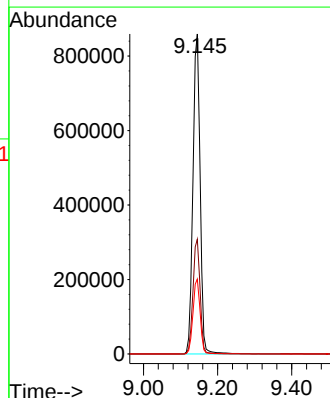
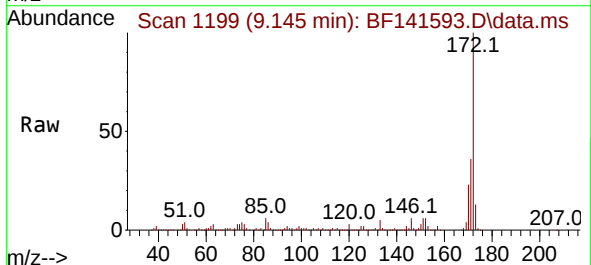
Tgt Ion:172 Resp: 1154555

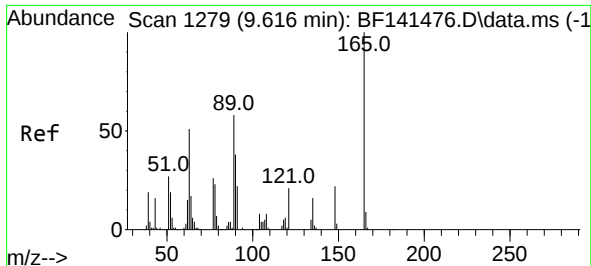
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.459 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

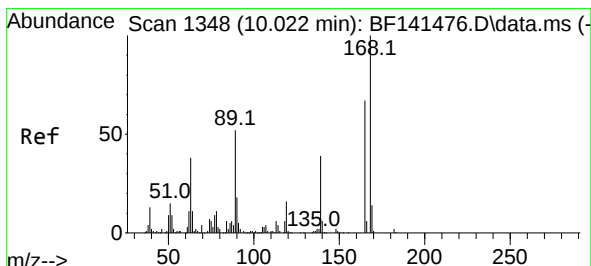
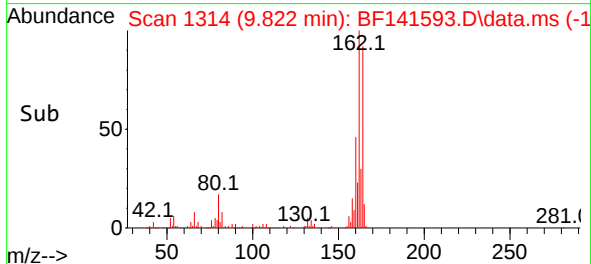
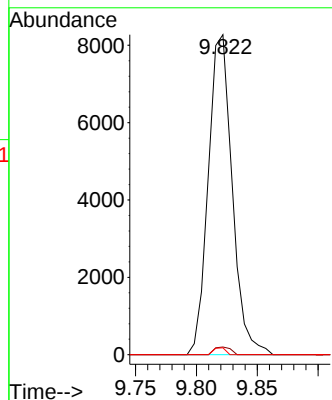
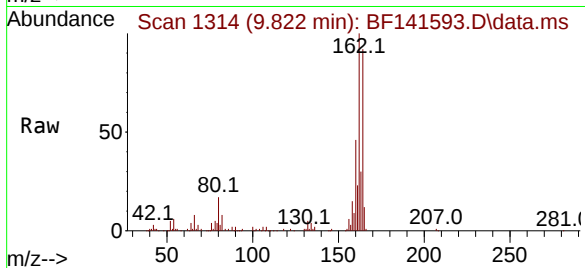
Tgt Ion:165 Resp: 11347

Ion Ratio Lower Upper

165 100

63 2.4 49.4 74.0#

89 2.1 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.354 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Tgt Ion:165 Resp: 11347

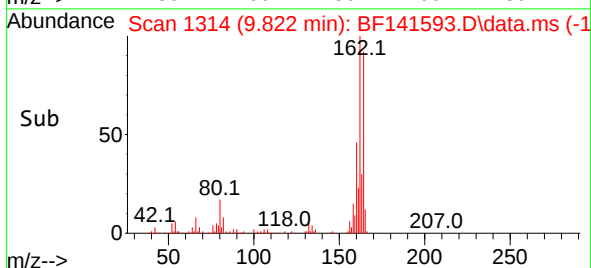
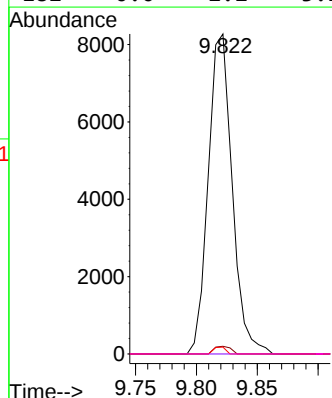
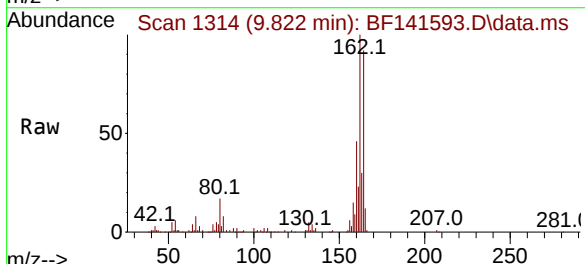
Ion Ratio Lower Upper

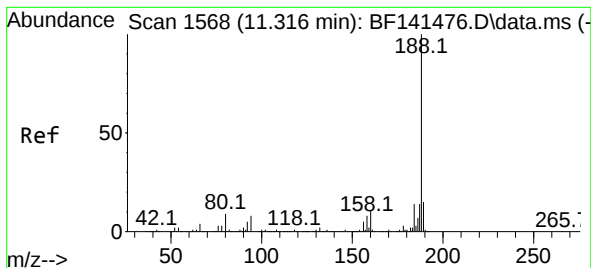
165 100

63 2.4 46.4 69.6#

89 2.1 61.8 92.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141593.D

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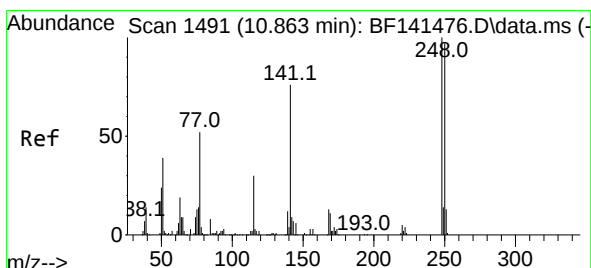
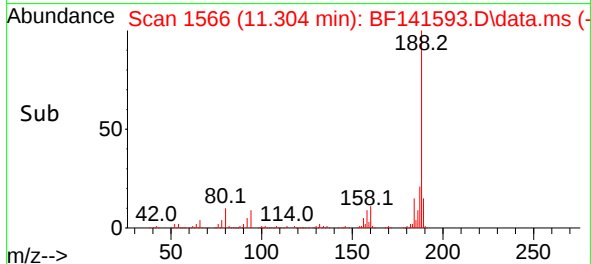
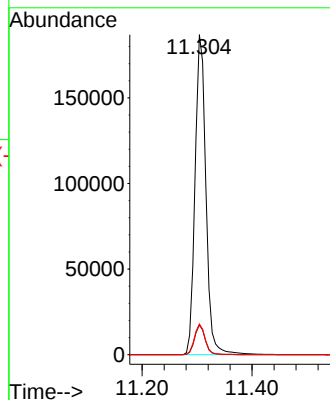
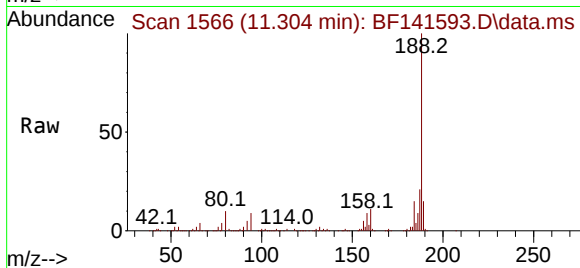
Tgt Ion:188 Resp: 256165

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 6.384 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

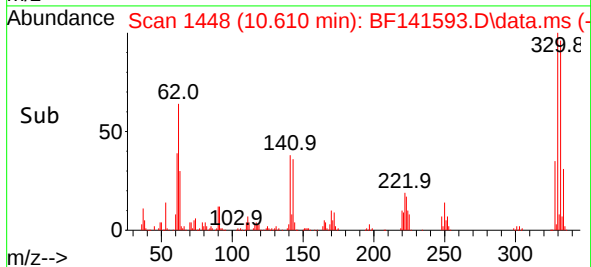
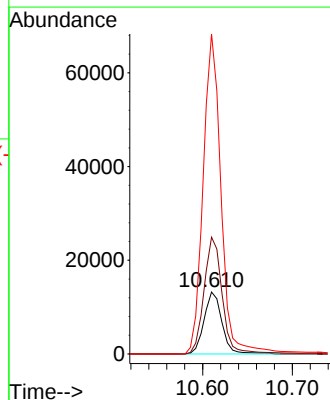
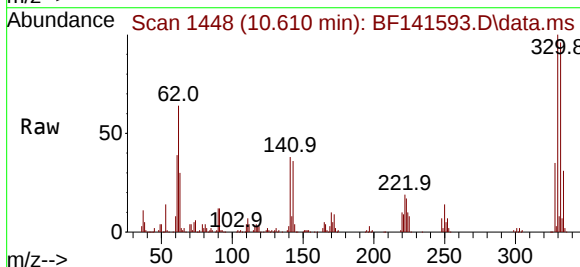
Tgt Ion:248 Resp: 18277

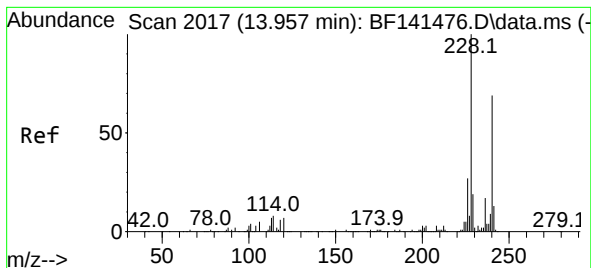
Ion Ratio Lower Upper

248 100

250 188.6 77.8 116.6#

141 516.8 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

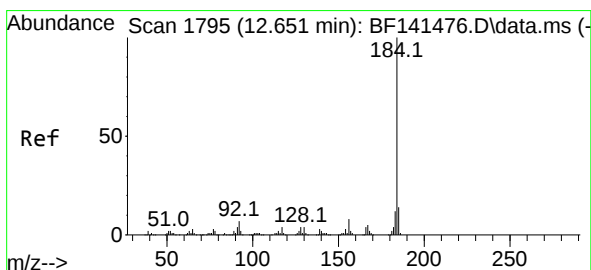
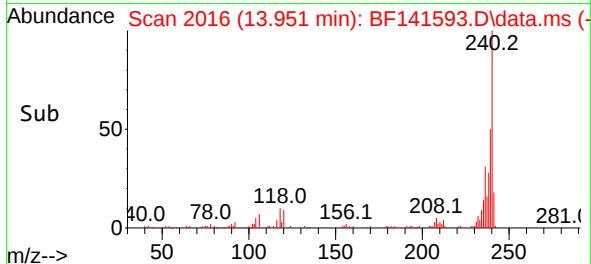
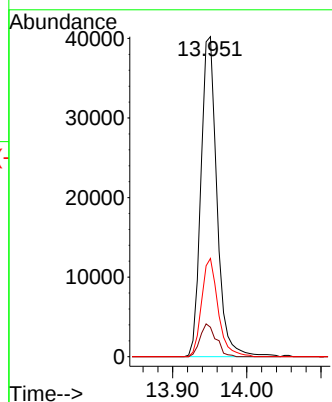
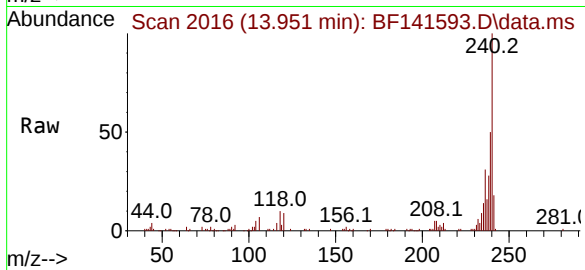
Tgt Ion:240 Resp: 60430

Ion Ratio Lower Upper

240 100

120 9.2 8.0 12.0

236 30.7 19.8 29.8#



#77

Benzdine

Concen: 10.700 ng

RT: 12.892 min Scan# 1836

Delta R.T. 0.235 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

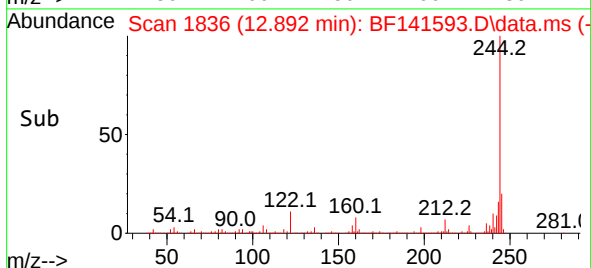
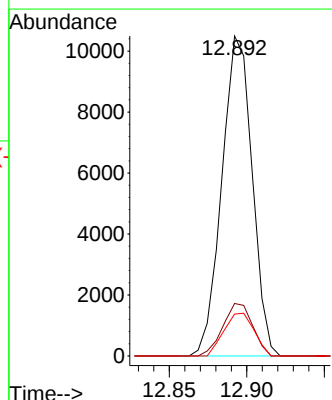
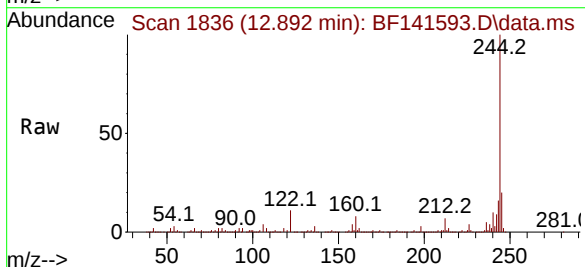
Tgt Ion:184 Resp: 14260

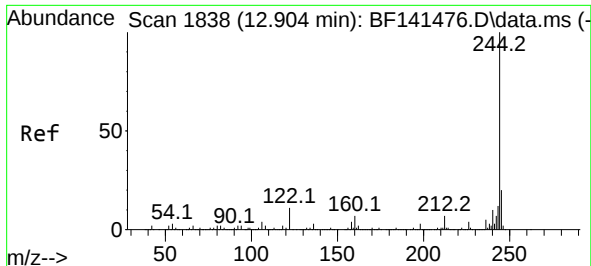
Ion Ratio Lower Upper

184 100

185 16.4 11.3 16.9

183 13.1 9.3 13.9

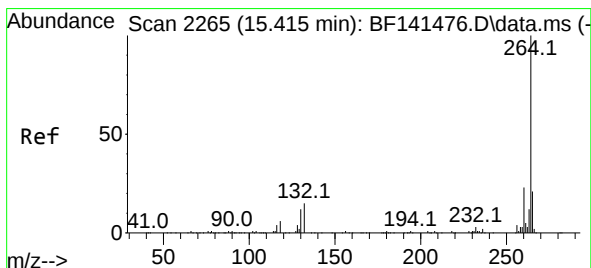
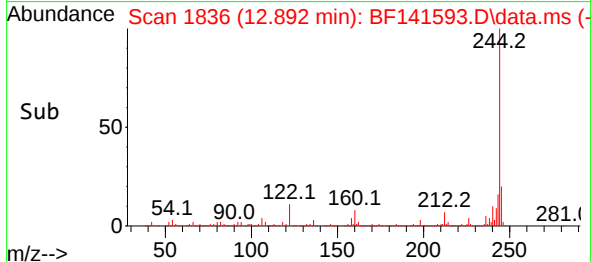
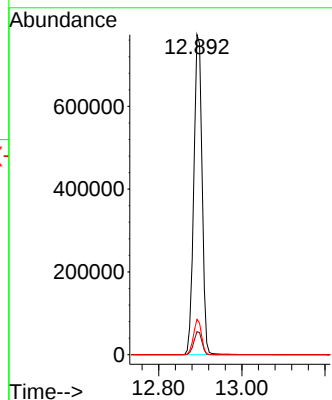
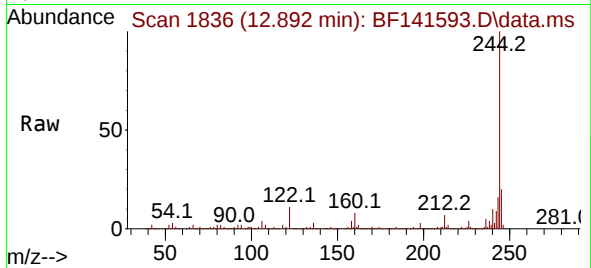




#79
 Terphenyl-d14
 Concen: 297.537 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141593.D
 Acq: 12 Feb 2025 16:35

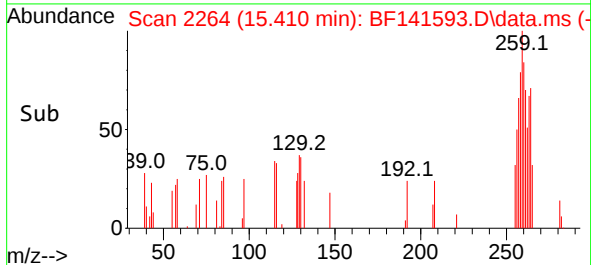
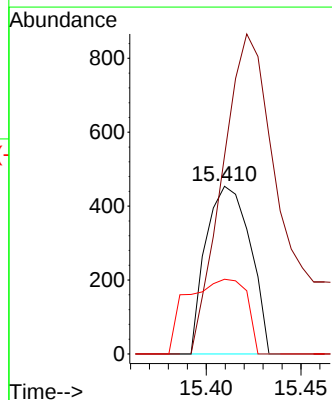
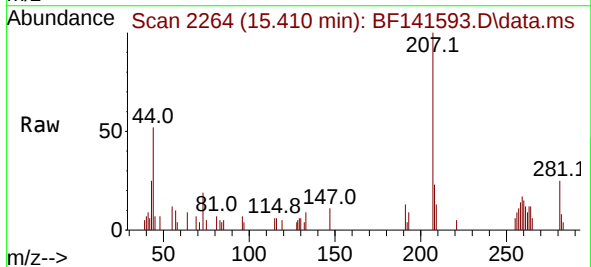
Instrument :
 BNA_F
 ClientSampleId :
 WC-14

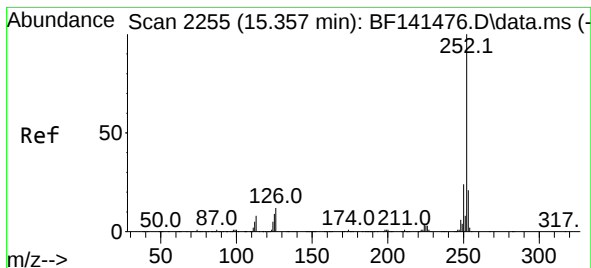
Tgt Ion:244 Resp: 1065067
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141593.D
 Acq: 12 Feb 2025 16:35

Tgt Ion:264 Resp: 738
 Ion Ratio Lower Upper
 264 100
 260 118.1 18.6 28.0#
 265 44.5 17.0 25.4#





#90

Benzo(a)pyrene

Concen: 6.409 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF141593.D

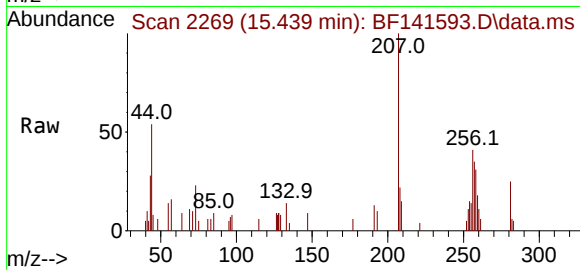
Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14



Tgt Ion:	252	Resp:	257
Ion	Ratio	Lower	Upper
252	100		
253	198.5	17.1	25.7#
125	0.0	7.4	11.2#

