

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127816.D
 Acq On : 15 Apr 2022 21:18
 Operator : CG\JU
 Sample : N2431-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

Quant Time: Apr 18 01:28:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

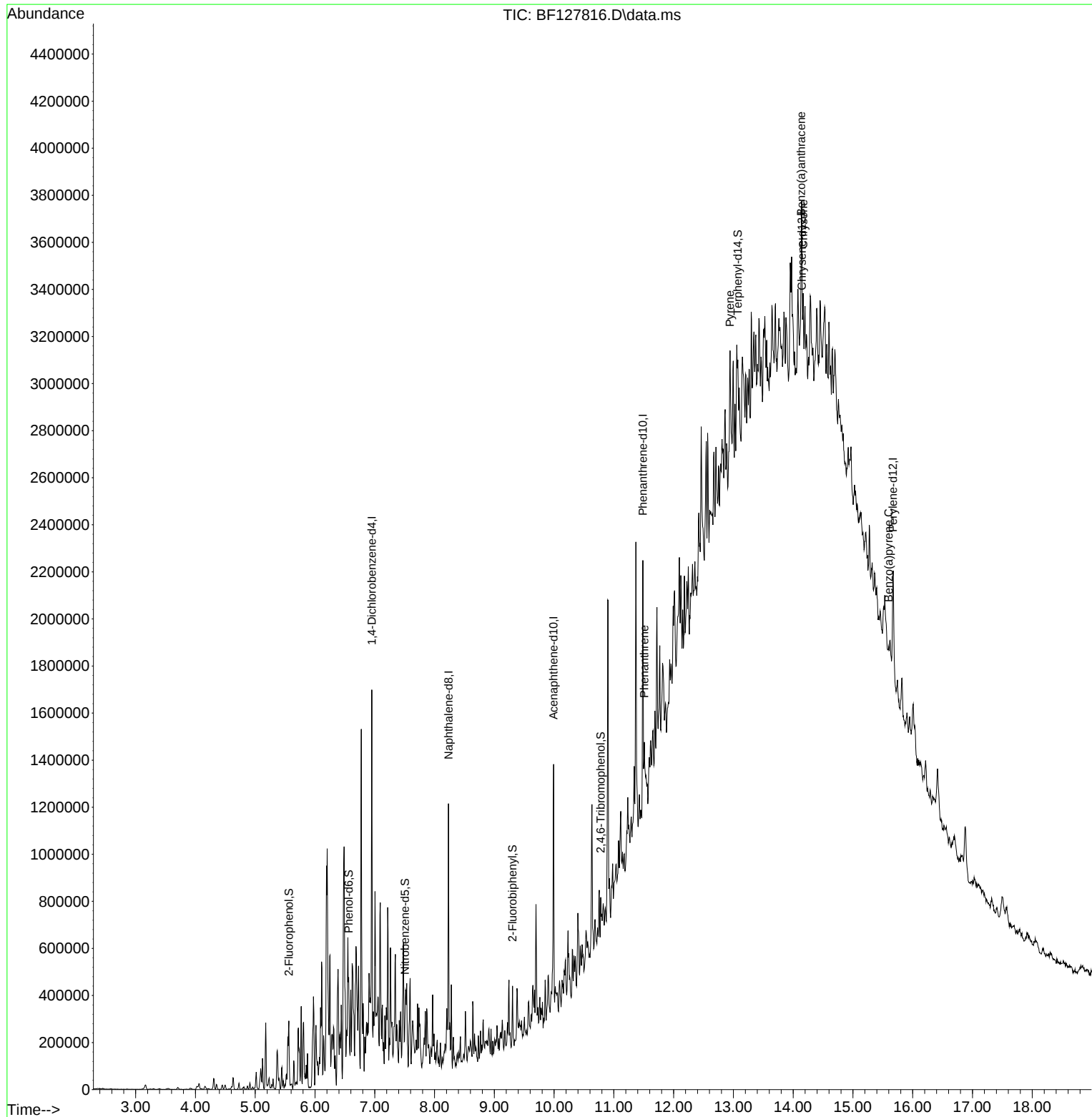
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	121277	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	389781	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	186998	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	324886	20.000	ng	0.00
76) Chrysene-d12	14.145	240	245559	20.000	ng	0.00
86) Perylene-d12	15.668	264	209498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	51540	6.905	ng	-0.02
7) Phenol-d6	6.563	99	61551	6.304	ng	-0.02
23) Nitrobenzene-d5	7.504	82	42803	4.896	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	12564	6.314	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	62486	4.727	ng	-0.02
79) Terphenyl-d14	13.074	244	64264	4.320	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.510	178	66818	3.882	ng	# 89
78) Pyrene	12.939	202	98441	4.747	ng	# 91
81) Benzo(a)anthracene	14.133	228	53923	3.288	ng	# 63
83) Chrysene	14.168	228	83259	5.289	ng	# 70
90) Benzo(a)pyrene	15.598	252	27736	2.532	ng	# 19

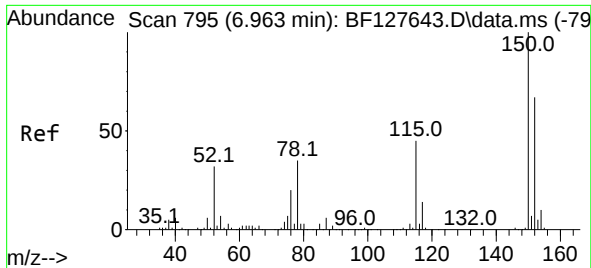
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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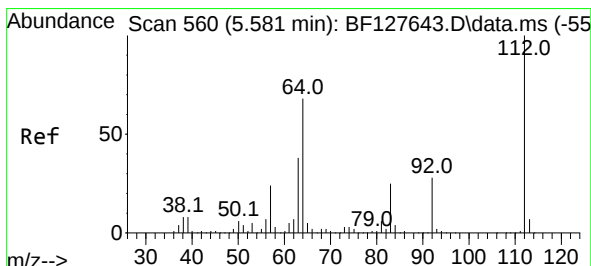
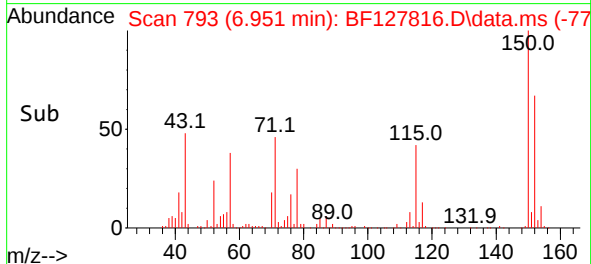
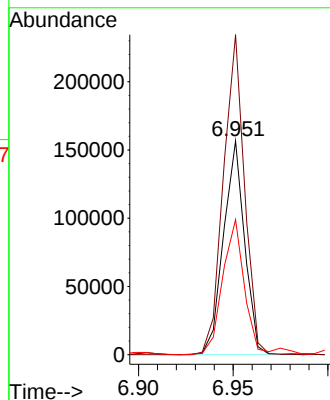
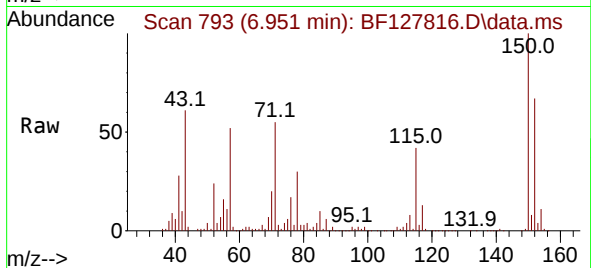




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

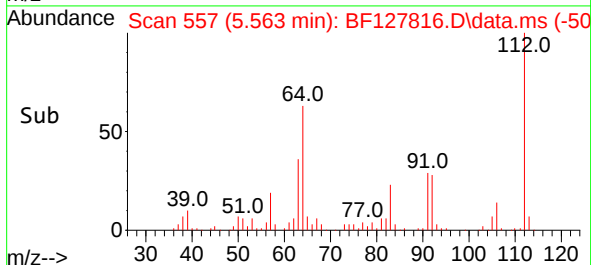
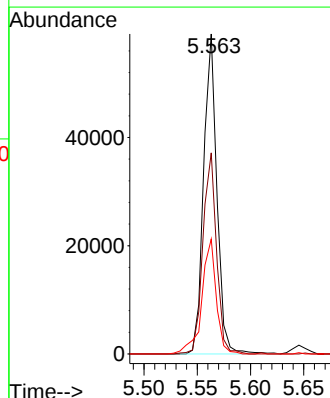
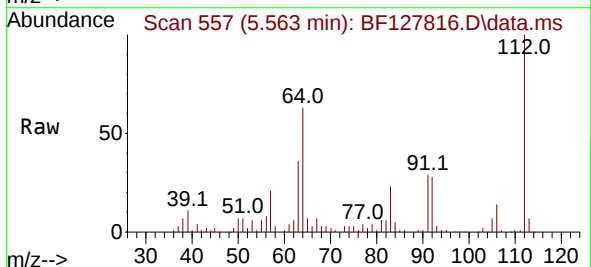
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

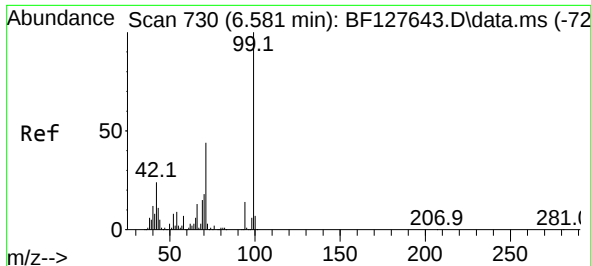
Tgt Ion:152 Resp: 121277
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 63.2 49.8 74.6



#5
2-Fluorophenol
Concen: 6.905 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.018 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

Tgt Ion:112 Resp: 51540
Ion Ratio Lower Upper
112 100
64 62.8 58.4 87.6
63 35.9 30.1 45.1

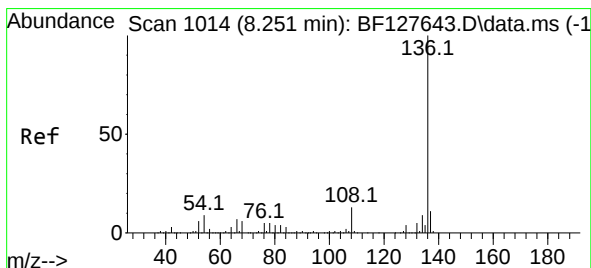
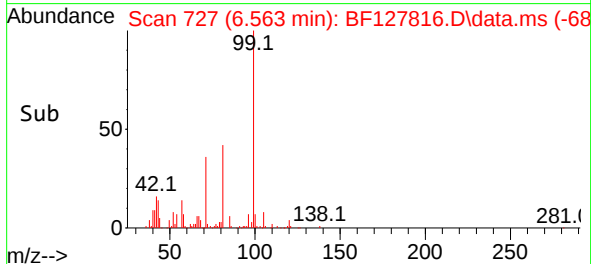
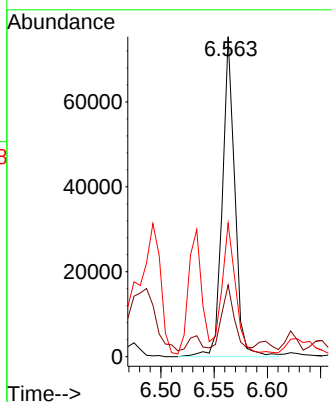
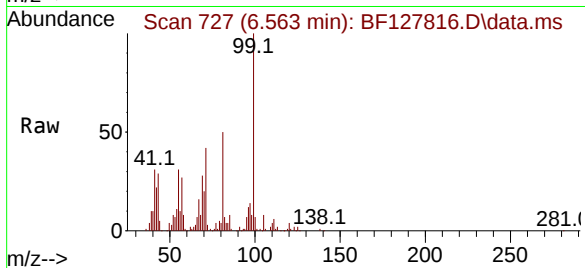




#7
Phenol-d6
Concen: 6.304 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

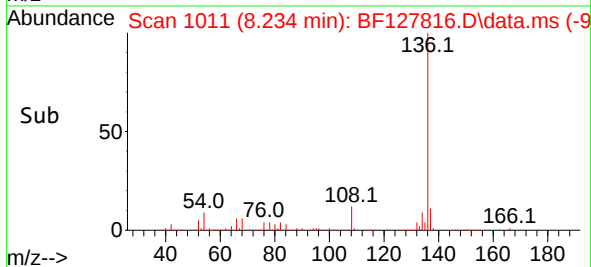
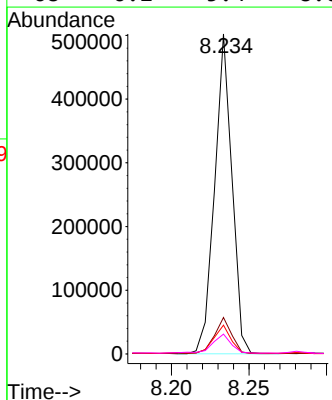
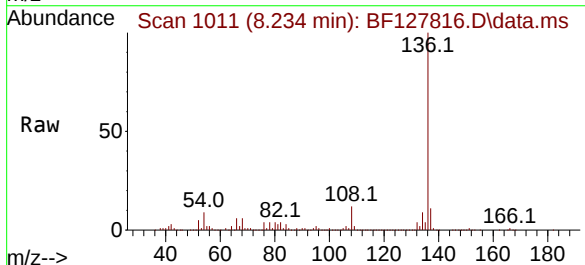
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

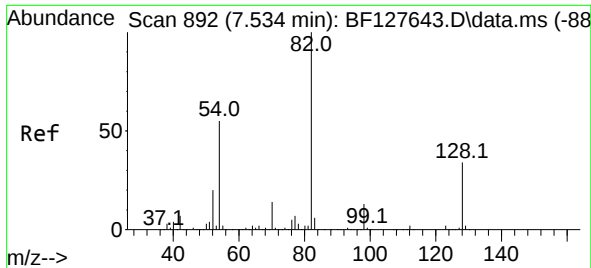
Tgt Ion: 99 Resp: 61551
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 41.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

Tgt Ion: 136 Resp: 389781
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 9.2 13.8#
68 6.2 5.4 8.0

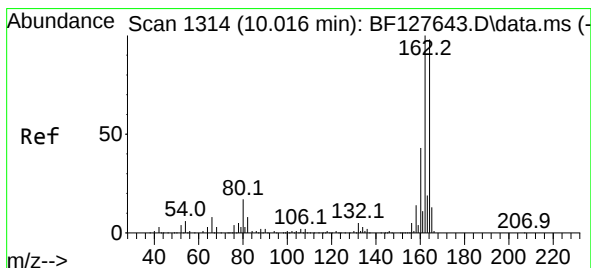
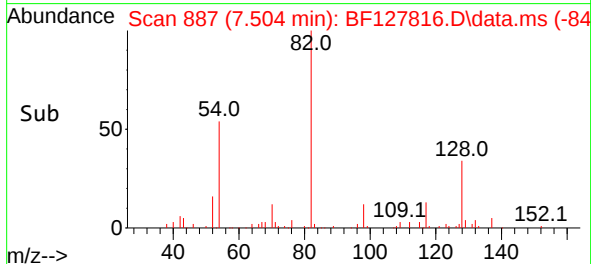
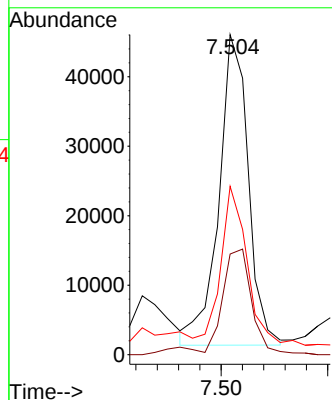
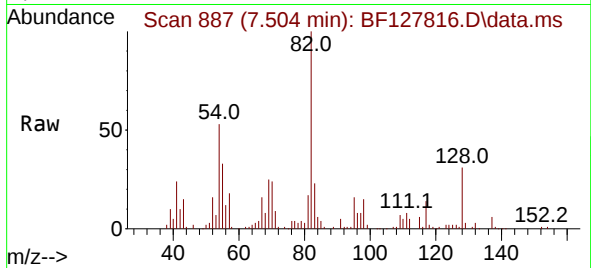




#23
Nitrobenzene-d5
Concen: 4.896 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

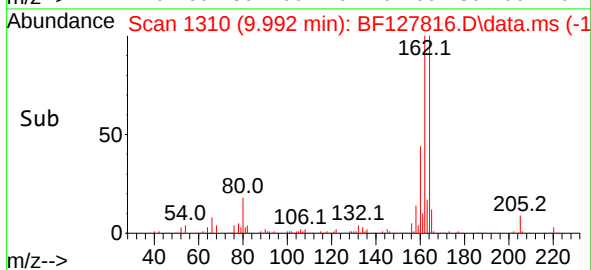
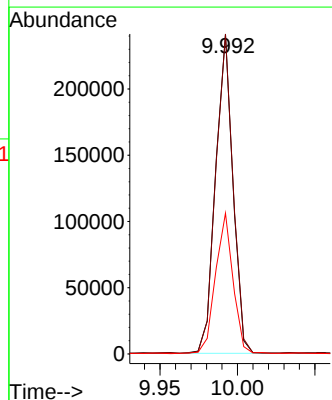
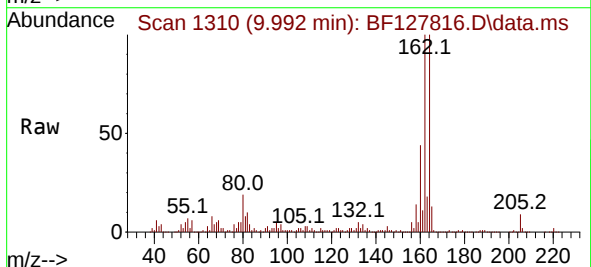
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

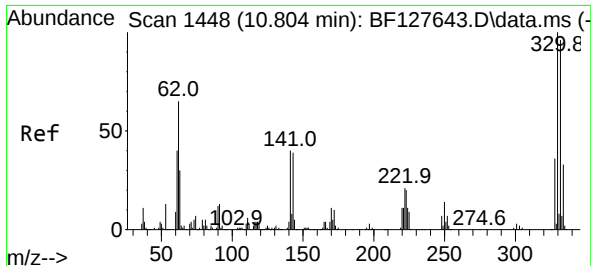
Tgt Ion: 82 Resp: 42803
Ion Ratio Lower Upper
82 100
128 31.5 30.6 45.8
54 52.6 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

Tgt Ion: 164 Resp: 186998
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 44.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 6.314 ng

RT: 10.780 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

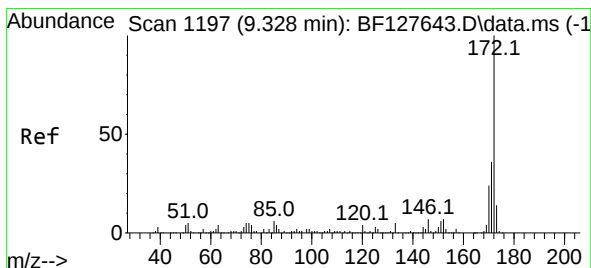
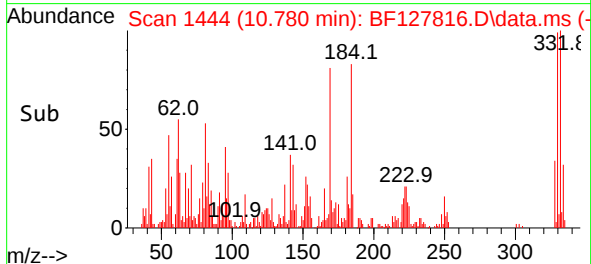
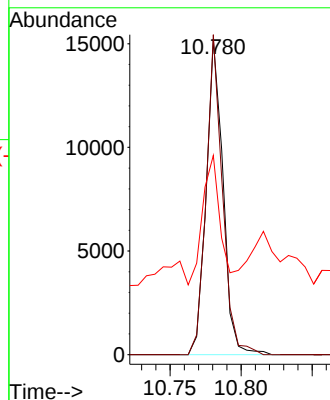
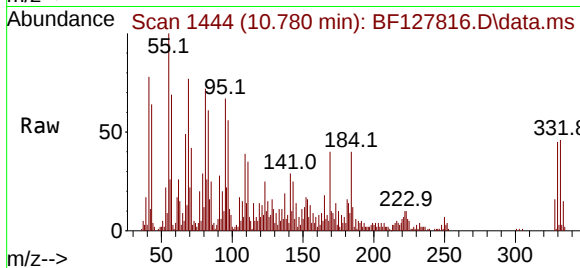
Tgt Ion:330 Resp: 12564

Ion Ratio Lower Upper

330 100

332 98.0 79.1 118.7

141 43.7 26.2 39.4#



#45

2-Fluorobiphenyl

Concen: 4.727 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

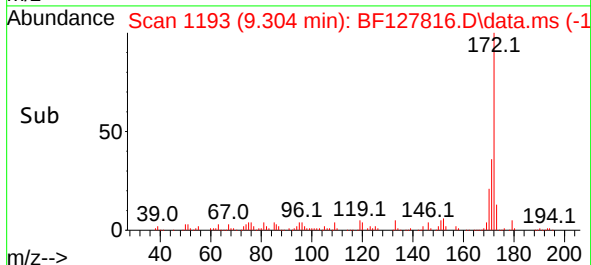
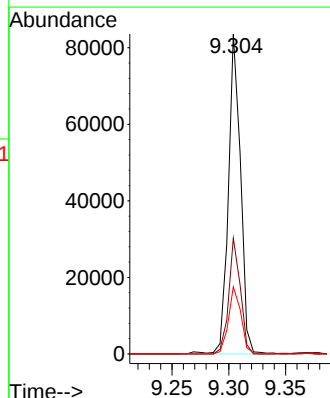
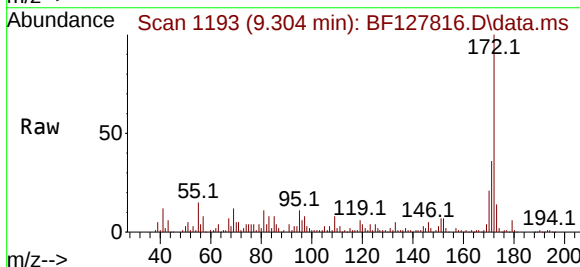
Tgt Ion:172 Resp: 62486

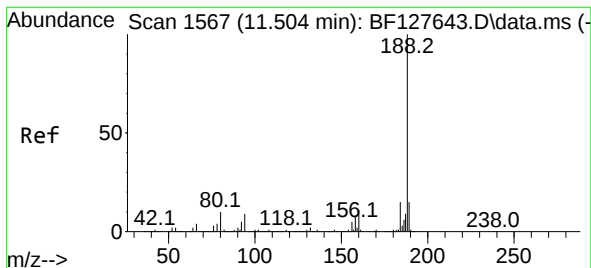
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 21.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

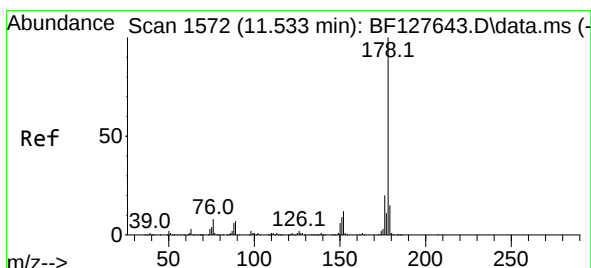
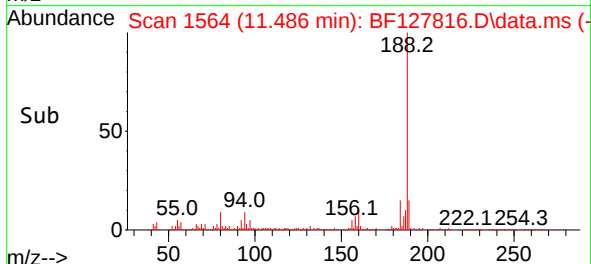
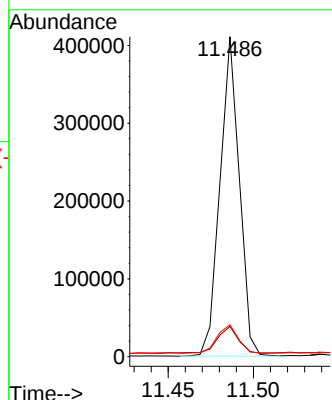
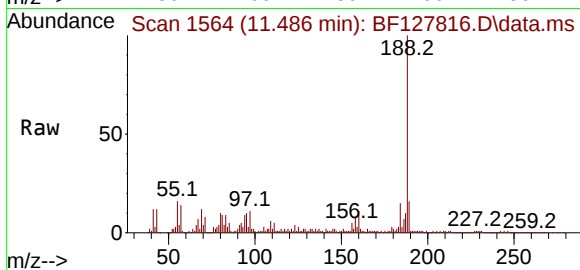
Tgt Ion:188 Resp: 324886

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 9.9 8.0 12.0



#71

Phenanthrene

Concen: 3.882 ng

RT: 11.510 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

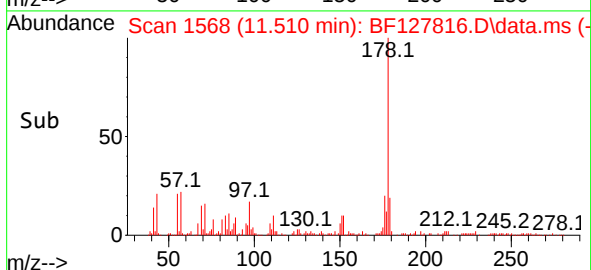
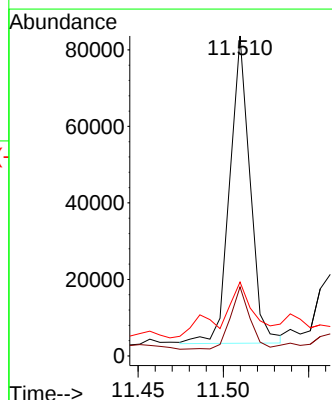
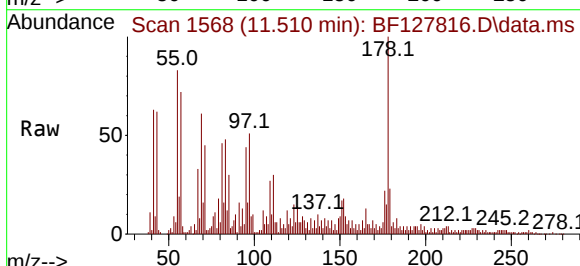
Tgt Ion:178 Resp: 66818

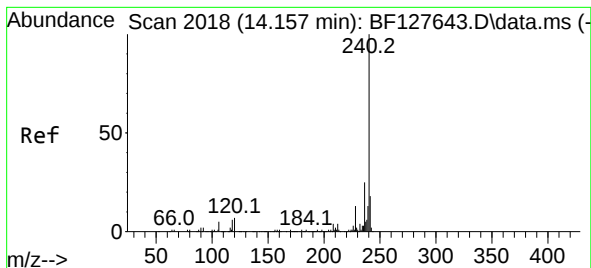
Ion Ratio Lower Upper

178 100

176 21.5 15.4 23.2

179 23.1 12.4 18.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

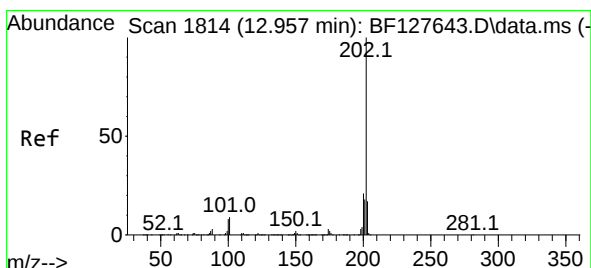
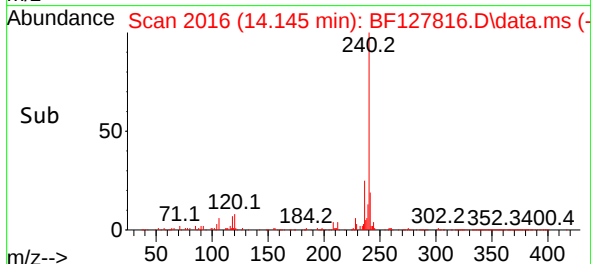
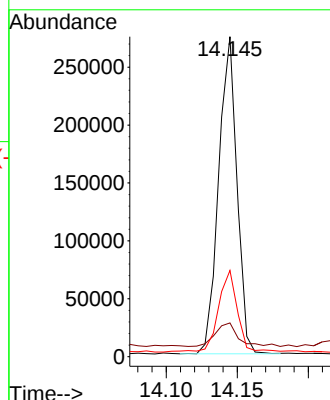
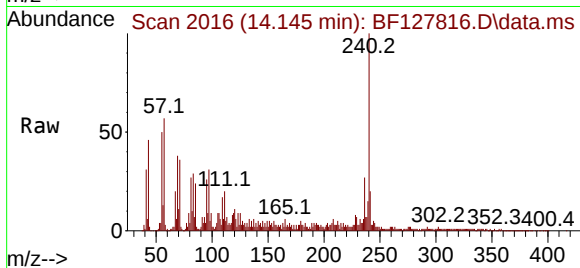
Tgt Ion:240 Resp: 245559

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

236 27.0 20.7 31.1



#78

Pyrene

Concen: 4.747 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

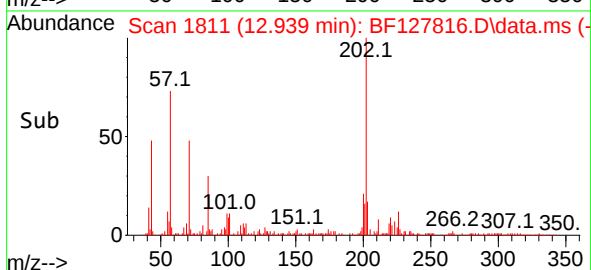
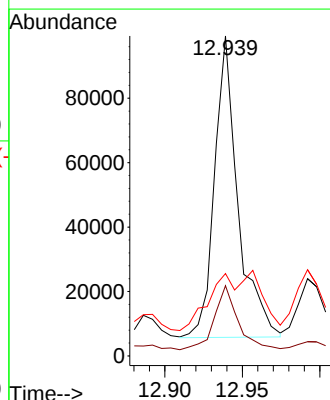
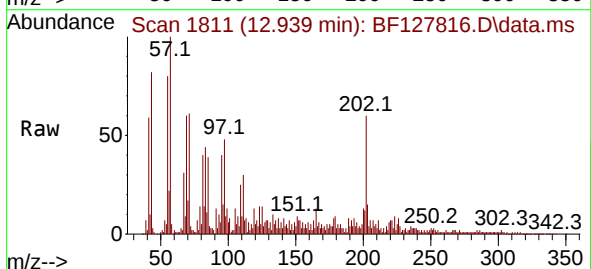
Tgt Ion:202 Resp: 98441

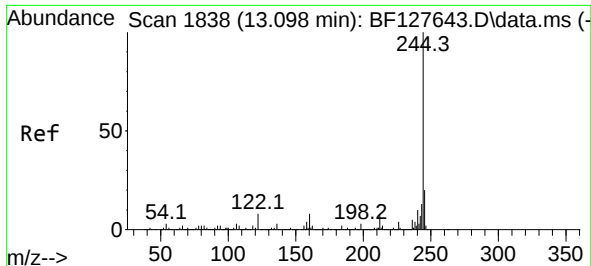
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 25.7 14.3 21.5#

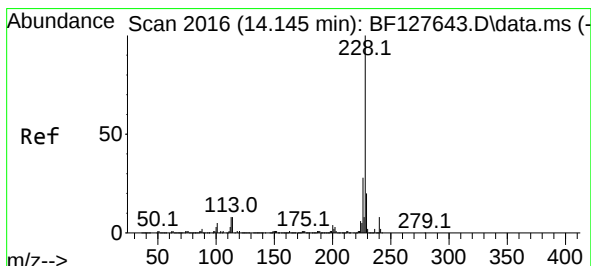
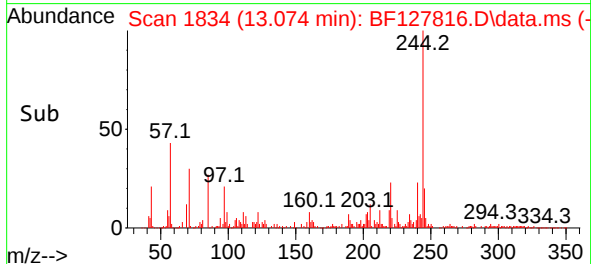
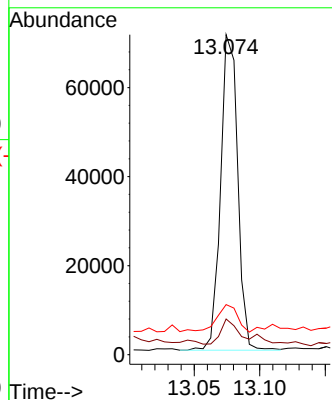
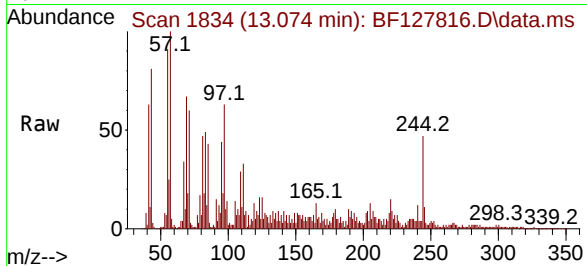




#79
 Terphenyl-d14
 Concen: 4.320 ng
 RT: 13.074 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF127816.D
 Acq: 15 Apr 2022 21:18

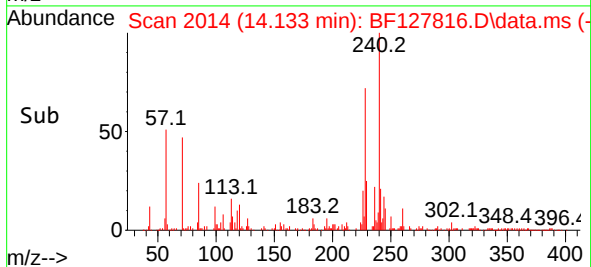
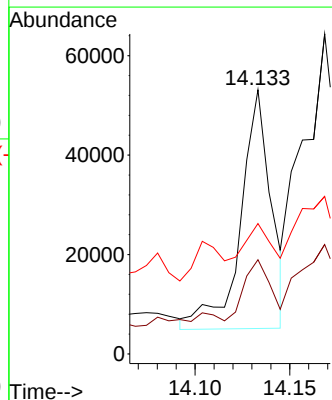
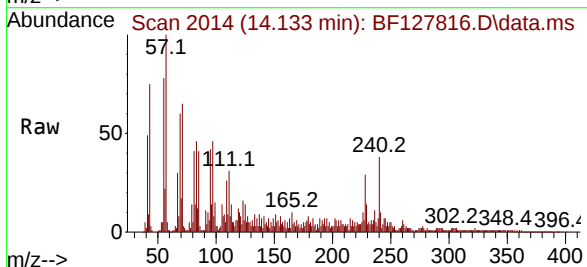
Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

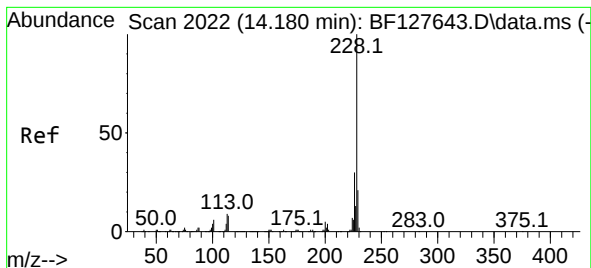
Tgt Ion:244 Resp: 64264
 Ion Ratio Lower Upper
 244 100
 212 11.2 5.7 8.5#
 122 15.7 6.2 9.2#



#81
 Benzo(a)anthracene
 Concen: 3.288 ng
 RT: 14.133 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BF127816.D
 Acq: 15 Apr 2022 21:18

Tgt Ion:228 Resp: 53923
 Ion Ratio Lower Upper
 228 100
 226 35.7 21.6 32.4#
 229 49.4 15.4 23.2#





#83

Chrysene

Concen: 5.289 ng

RT: 14.168 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

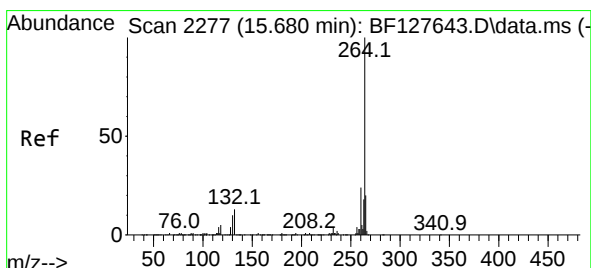
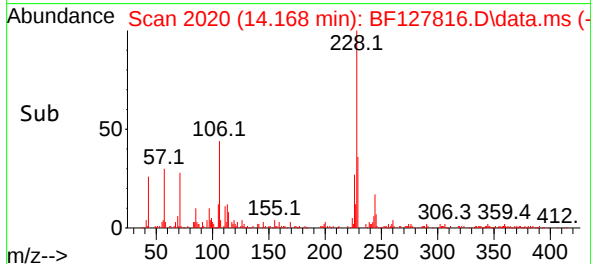
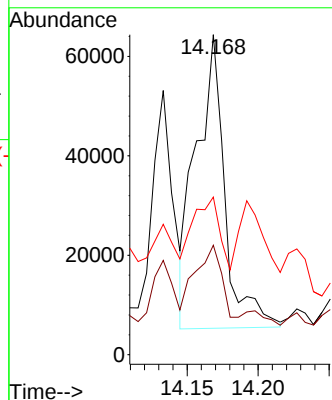
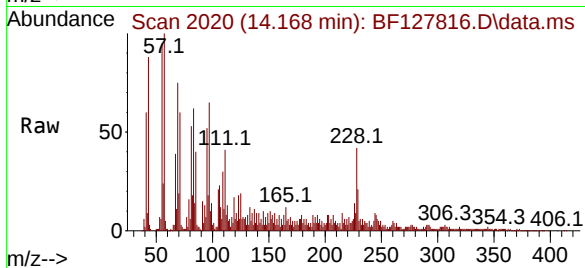
Tgt Ion:228 Resp: 83259

Ion Ratio Lower Upper

228 100

226 34.2 24.2 36.4

229 49.3 15.4 23.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

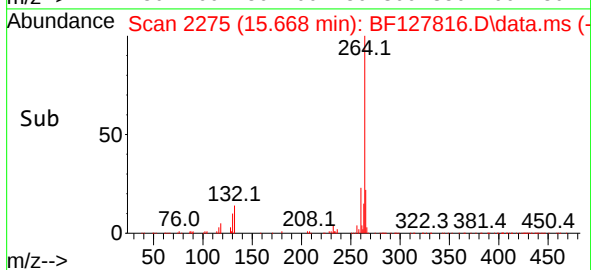
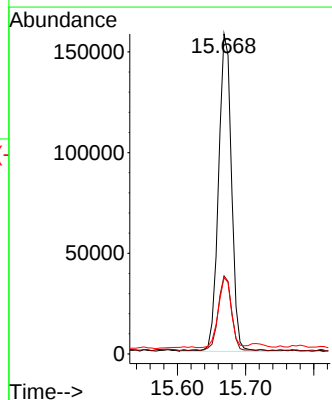
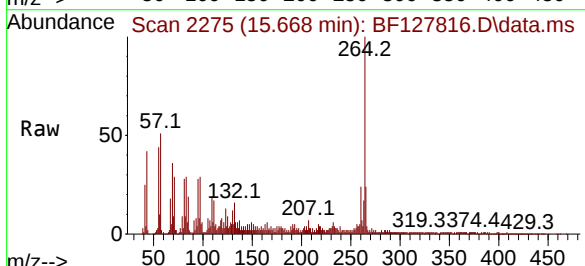
Tgt Ion:264 Resp: 209498

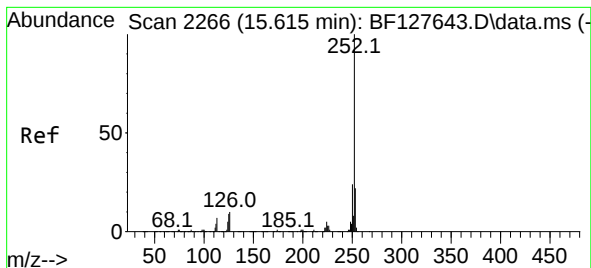
Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 23.9 17.4 26.2





#90

Benzo(a)pyrene

Concen: 2.532 ng

RT: 15.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127816.D

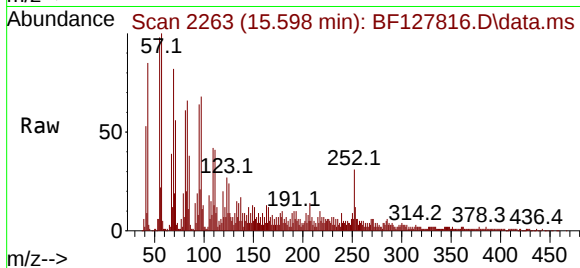
Acq: 15 Apr 2022 21:18

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1



Tgt Ion:252 Resp: 27736

Ion Ratio Lower Upper

252 100

253 39.2 17.0 25.6#

125 75.7 6.7 10.1#

