

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)

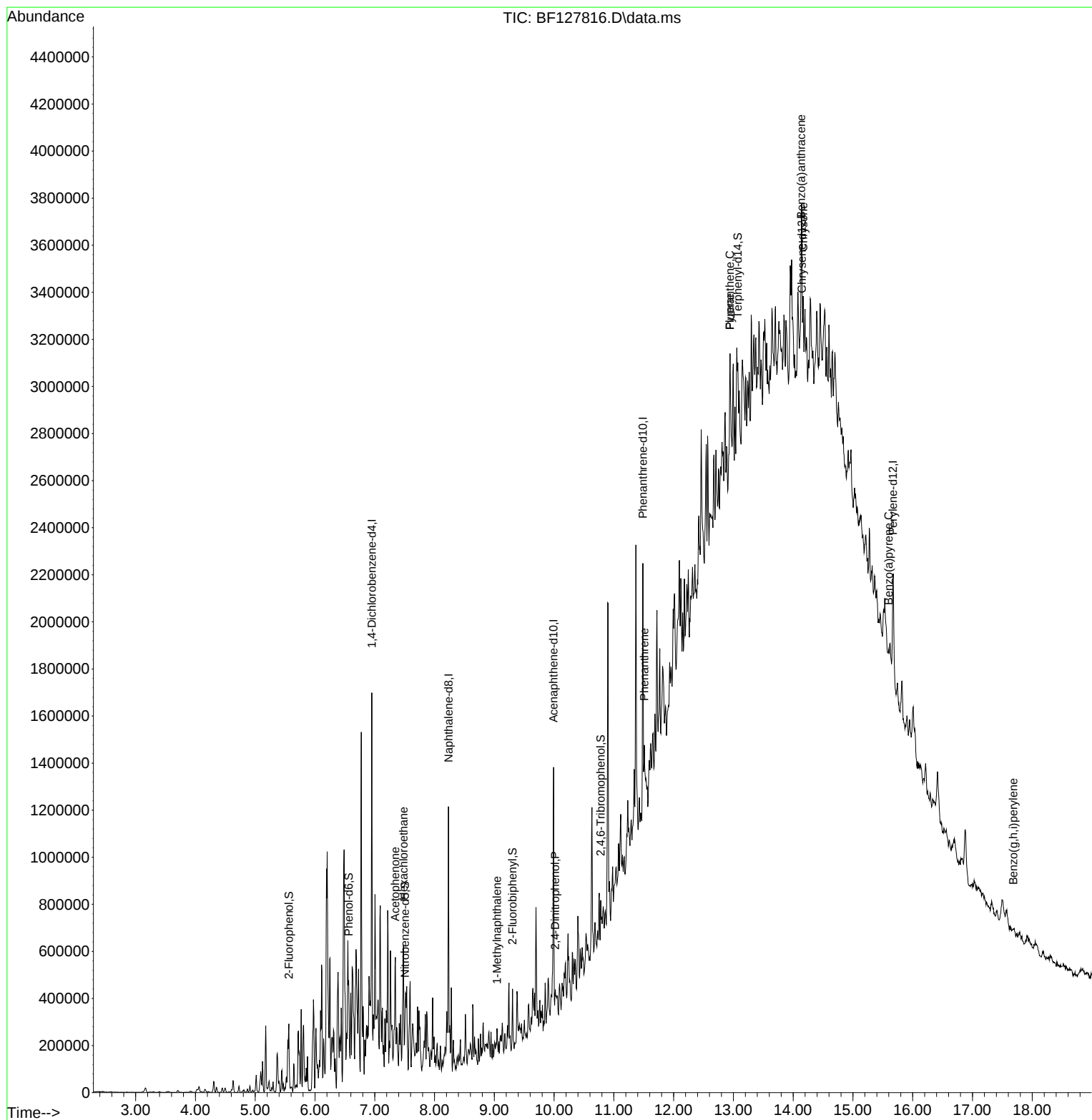
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	121277	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	389781	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	186998	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	324886	20.000	ng	0.00
76) Chrysene-d12	14.145	240	245559	20.000	ng	0.00
86) Perylene-d12	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	
9) Benzaldehyde	6.504	77	8041	Below Cal	#	1
18) Hexachloroethane	7.481	117	18520	5.550	ng	# 1
22) Acetophenone	7.339	105	62284	5.946	ng	# 49
38) 1-Methylnaphthalene	9.045	142	26911	2.041	ng	# 99
54) 2,4-Dinitrophenol	10.016	184	66	5.357	ng	# 1
71) Phenanthrene	11.510	178	66818	3.882	ng	# 89
75) Fluoranthene	12.939	202	97887	5.211	ng	# 83
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
92) Benzo(g,h,i)perylene	17.686	276	23344	2.147	ng	# 69

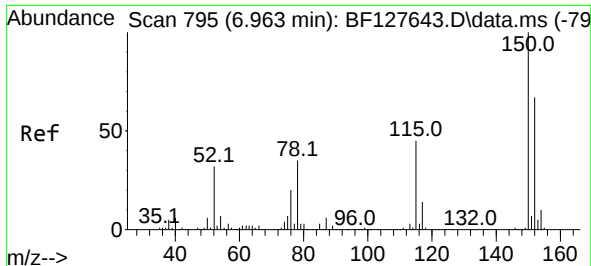
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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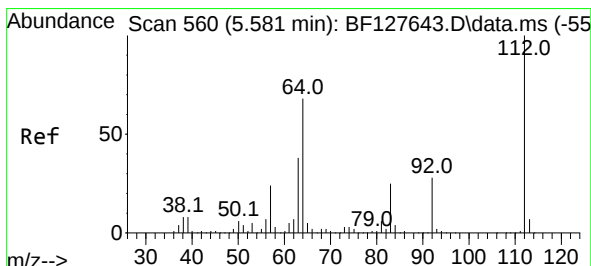
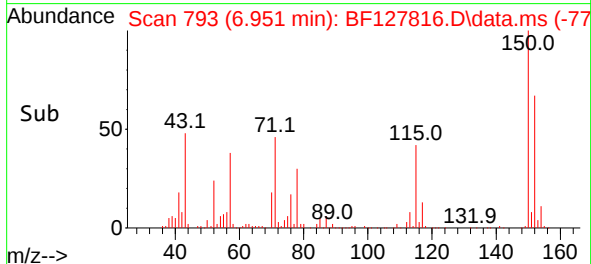
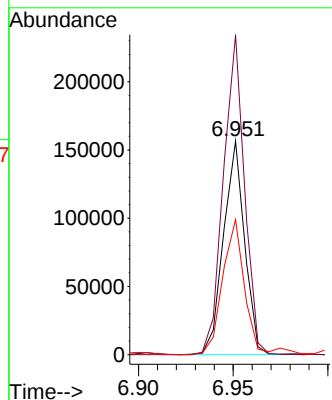
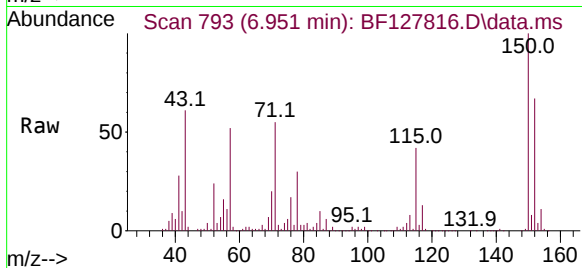




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

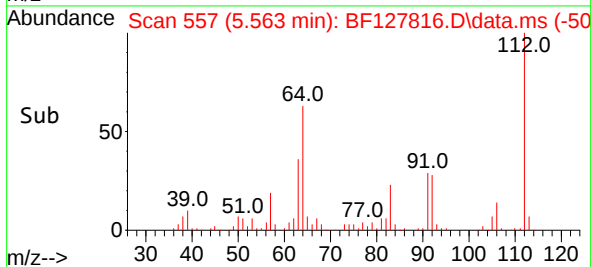
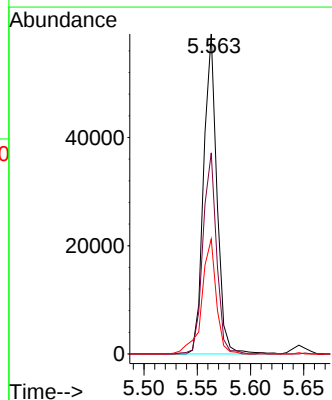
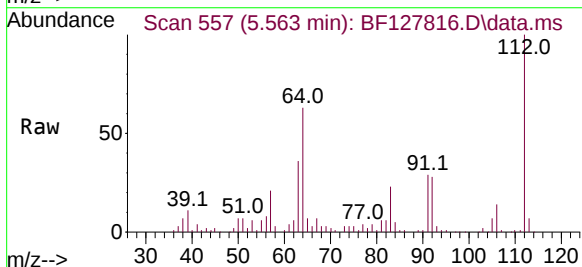
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

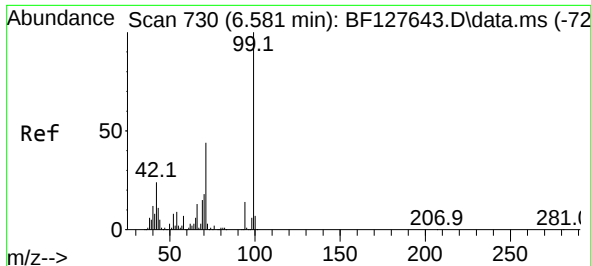
Tgt Ion:152 Resp: 121277
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 63.2 49.8 74.6



#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

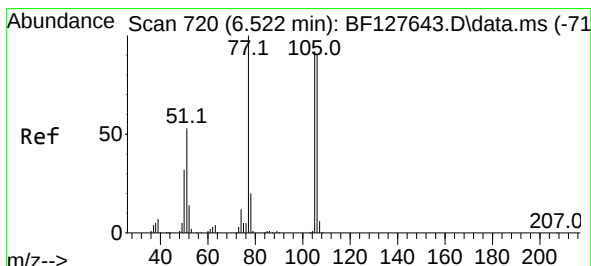
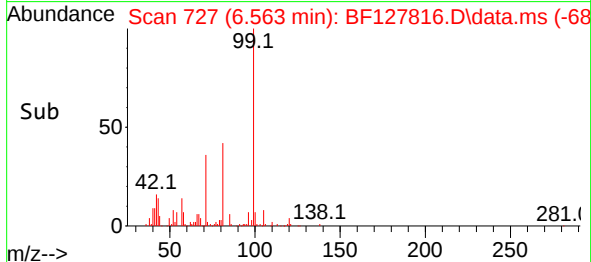
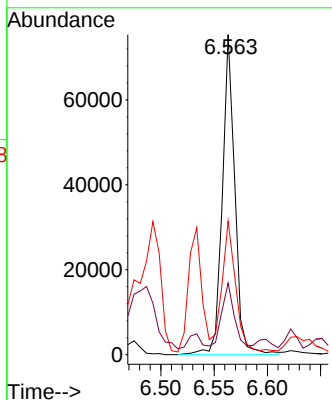
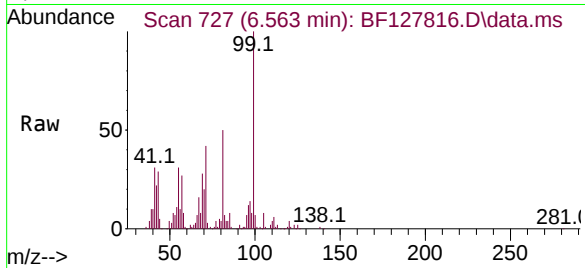




#7
Phenol-d6
Concen: 6.304 ng
RT: 6.563 min Scan# 717
Delta R.T. -0.024 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

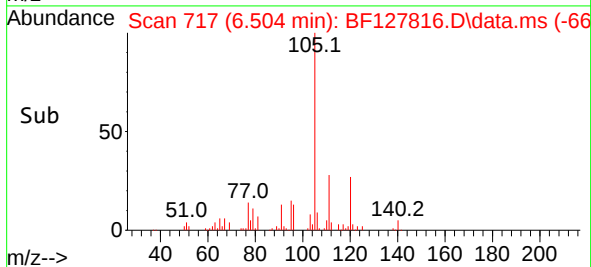
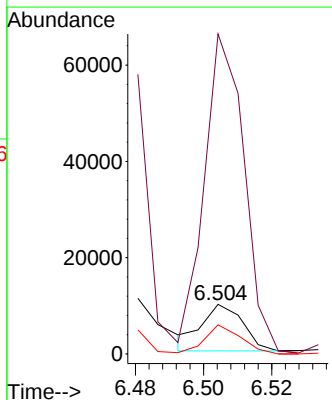
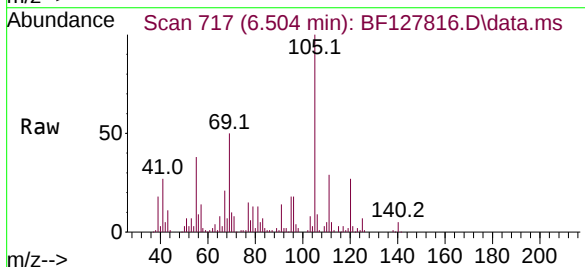
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

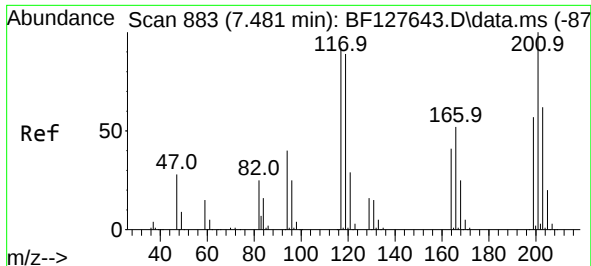
Tgt Ion: 99 Resp: 61551
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 41.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

Tgt Ion: 77 Resp: 8041
Ion Ratio Lower Upper
77 100
105 645.9 66.8 106.8#
106 58.9 64.3 104.3#

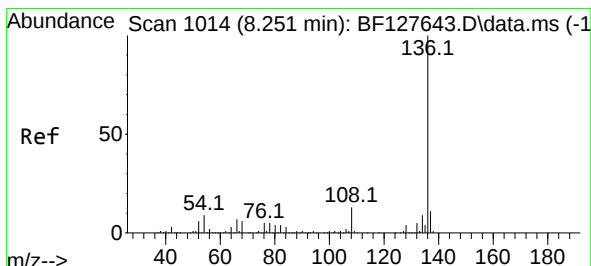
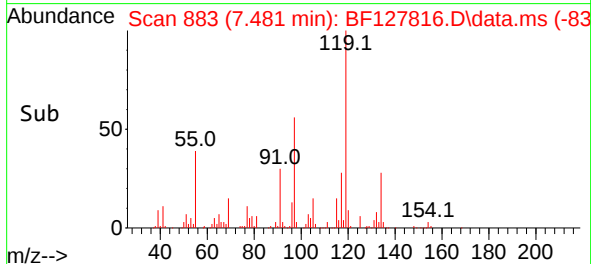
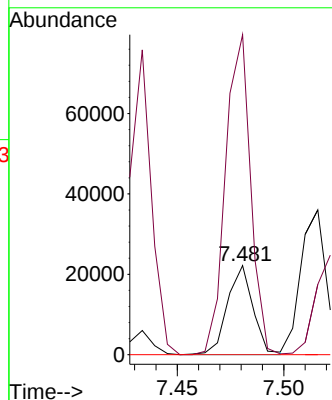
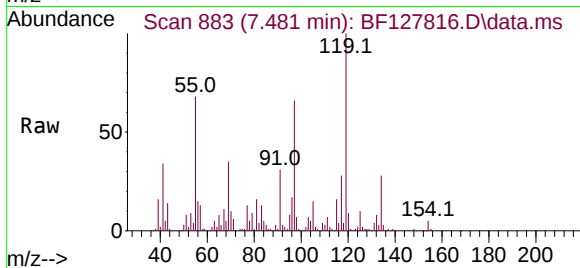




#18
Hexachloroethane
Concen: 5.550 ng
RT: 7.481 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

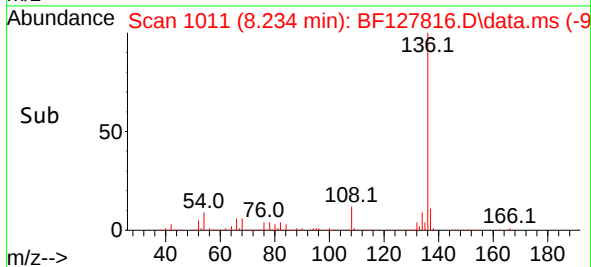
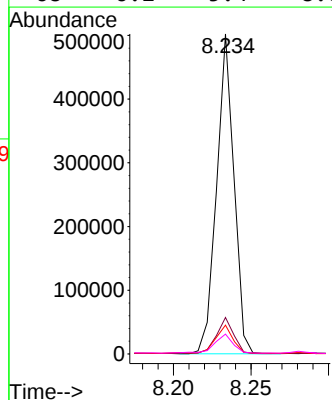
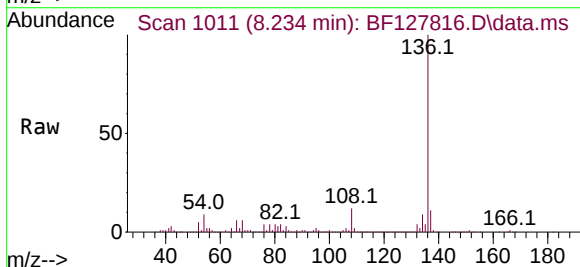
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

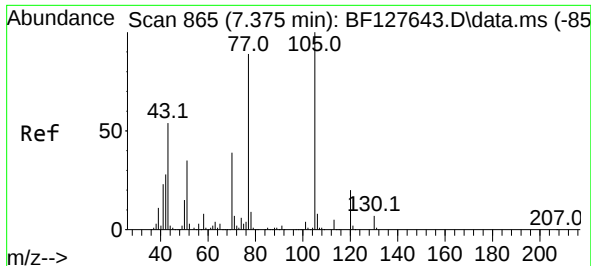
Tgt Ion:117 Resp: 18520
Ion Ratio Lower Upper
117 100
119 358.9 77.6 116.4#
201 0.0 88.2 132.2#



#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

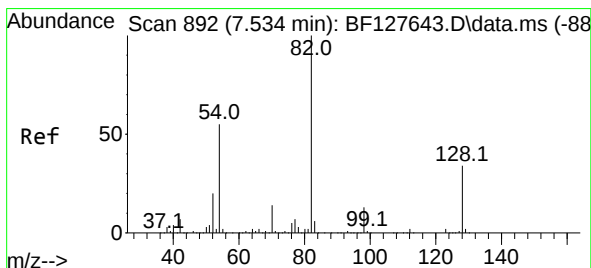
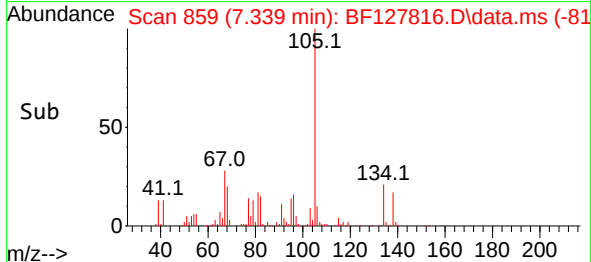
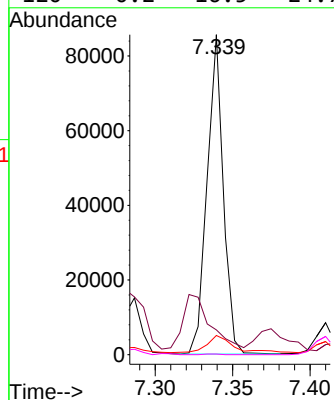
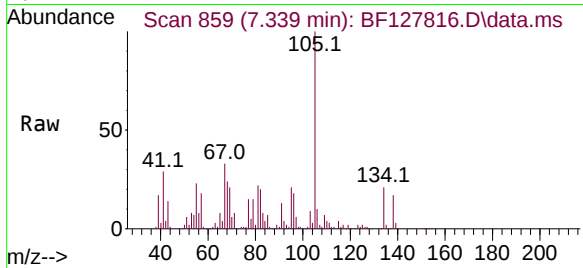




#22
Acetophenone
Concen: 5.946 ng
RT: 7.339 min Scan# 811
Delta R.T. -0.035 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

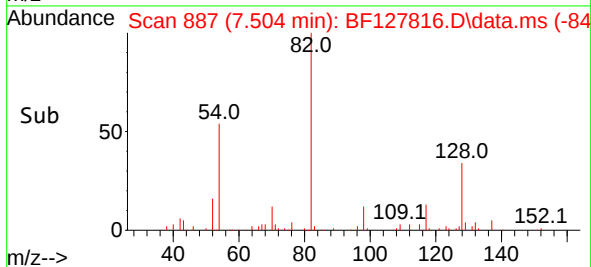
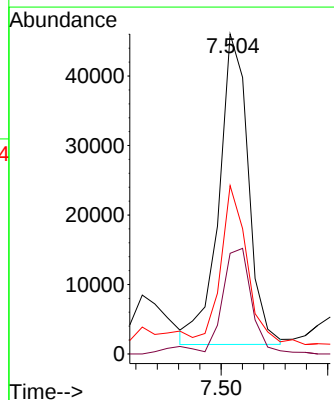
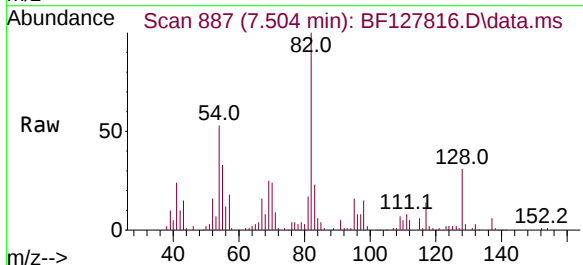
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

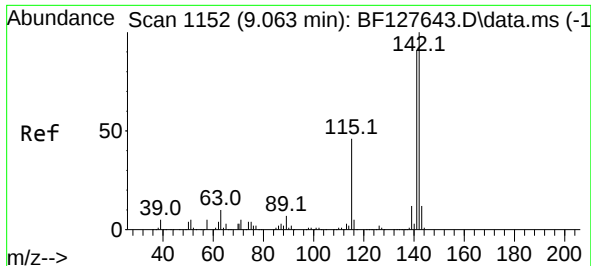
Tgt Ion:105 Resp: 62284
Ion Ratio Lower Upper
105 100
71 7.8 7.3 10.9
51 6.0 38.8 58.2#
120 0.2 16.5 24.7#



#23
Nitrobenzene-d5
Concen: 4.896 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.024 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

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

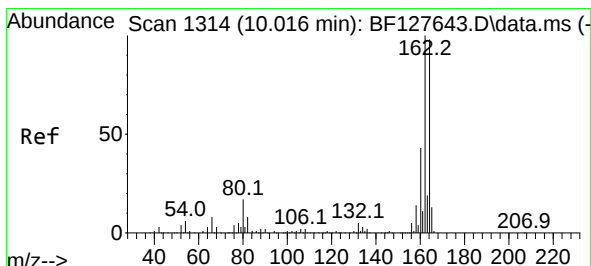
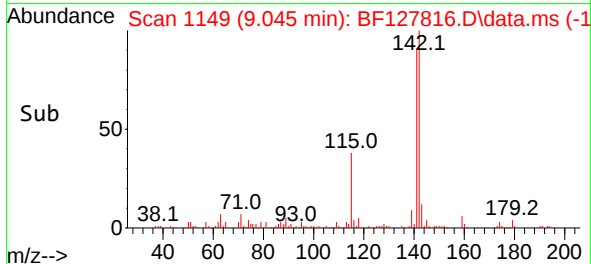
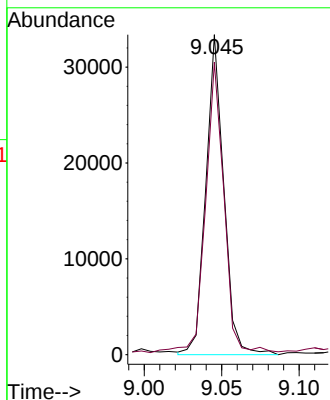
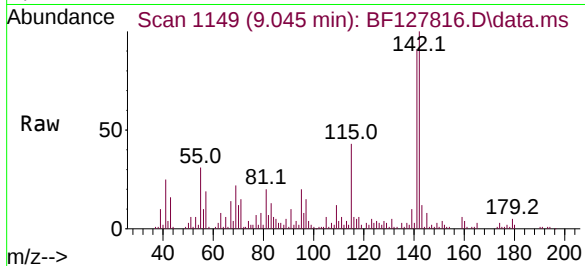




#38
1-Methylnaphthalene
Concen: 2.041 ng
RT: 9.045 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

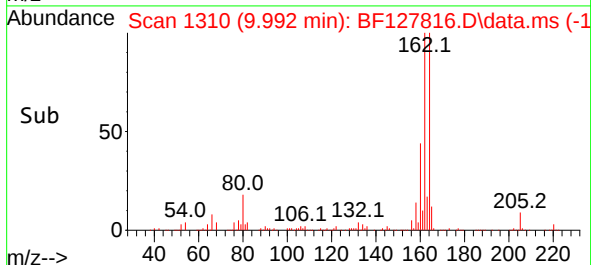
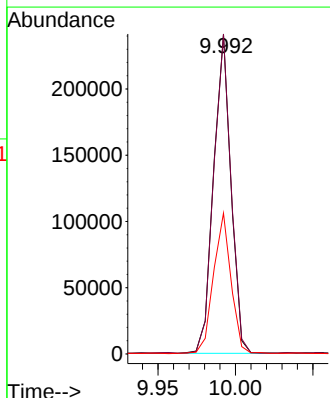
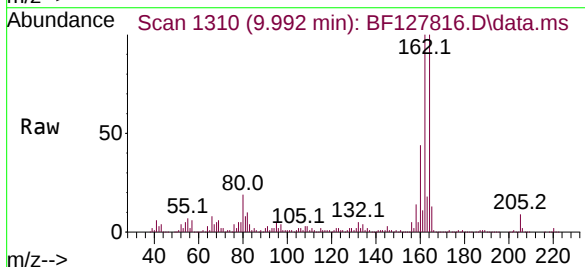
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

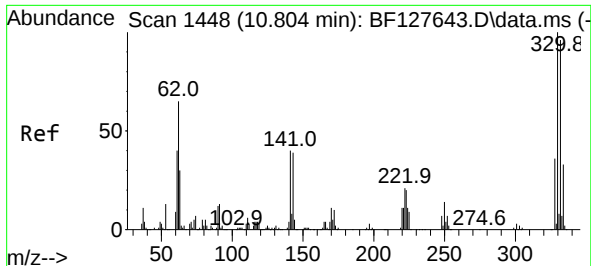
Tgt Ion:142 Resp: 26911
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.2



#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

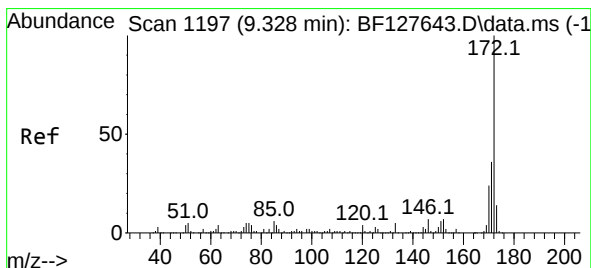
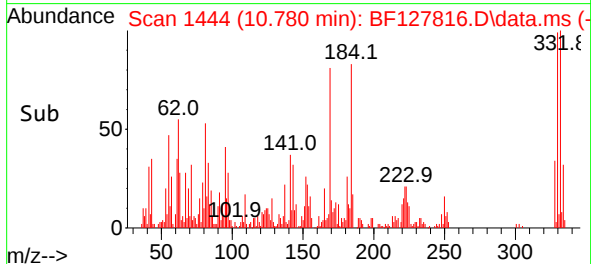
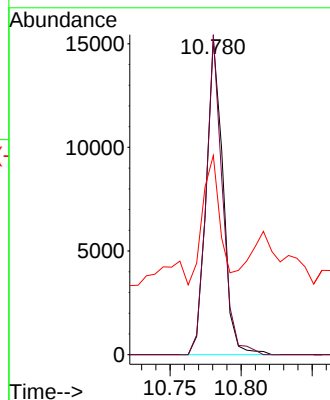
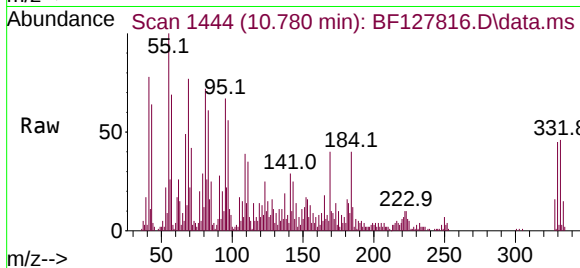
Instrument :

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

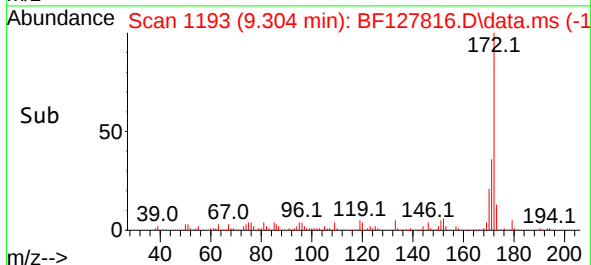
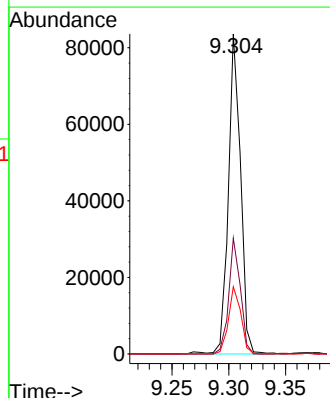
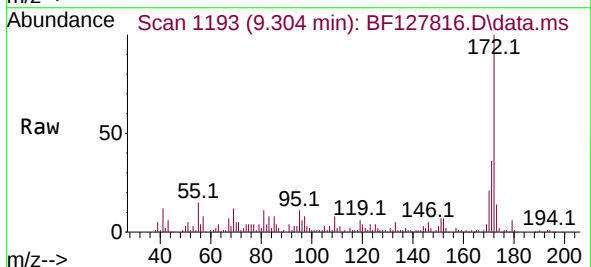
RT: 9.304 min Scan# 1193

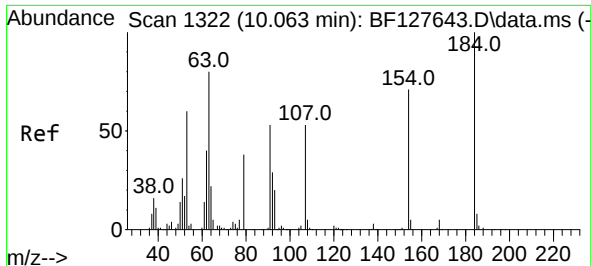
Delta R.T. -0.018 min

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

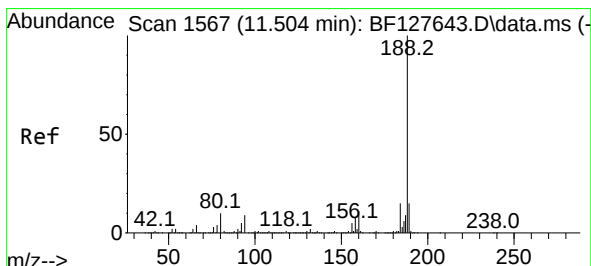
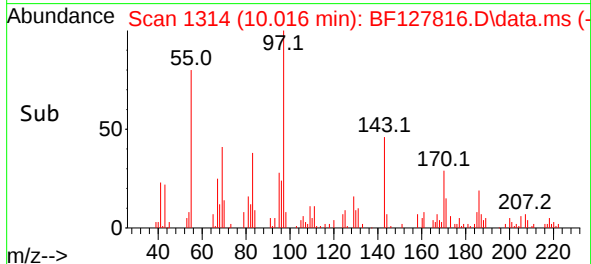
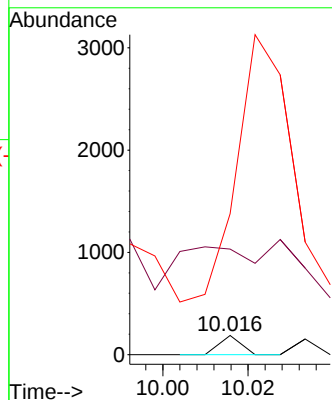
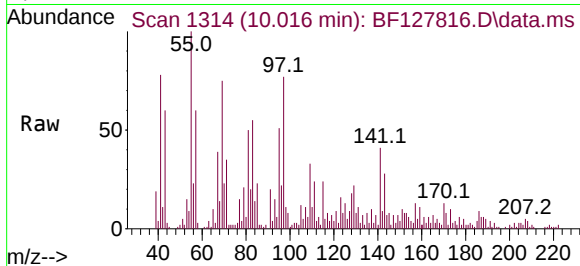




#54
2,4-Dinitrophenol
Concen: 5.357 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

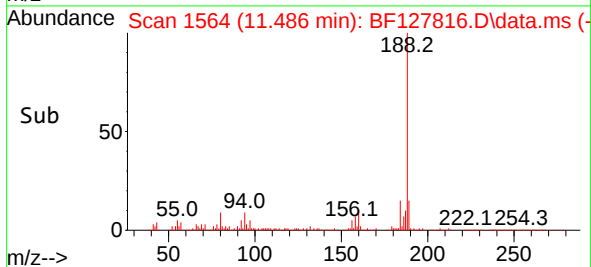
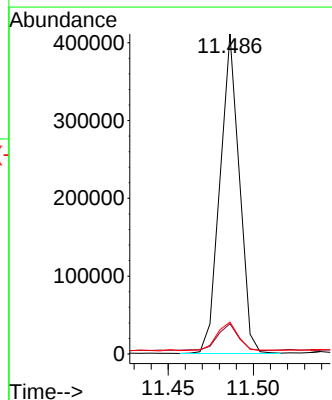
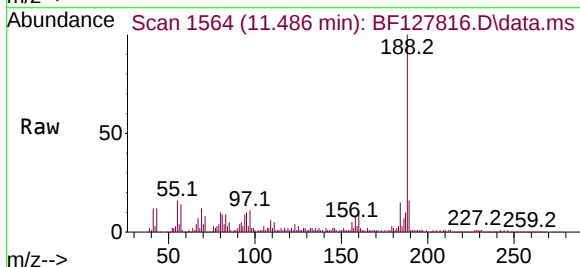
Instrument :
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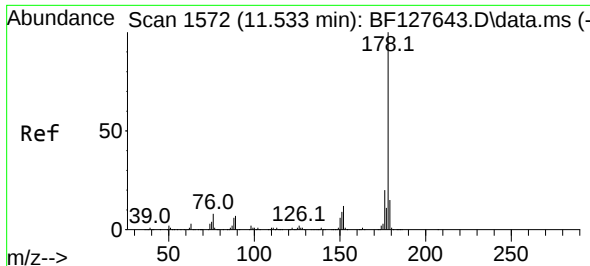
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 549.5 58.1 87.1#
154 733.5 53.2 79.8#



#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

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

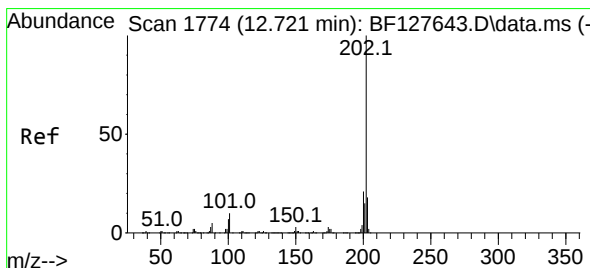
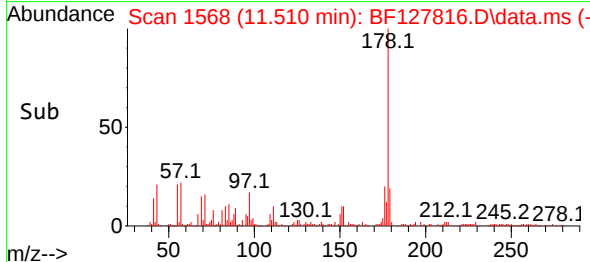
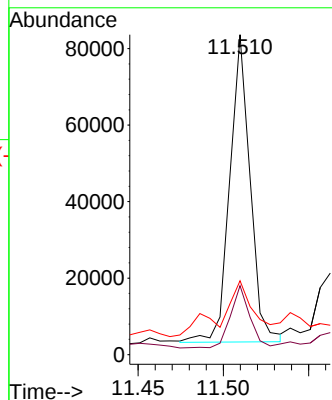
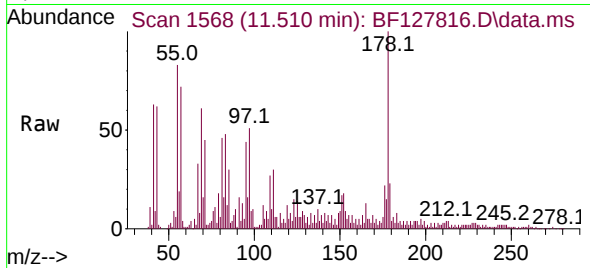




#71
Phenanthrene
Concen: 3.882 ng
RT: 11.510 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

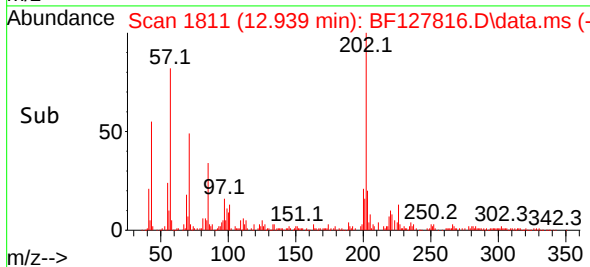
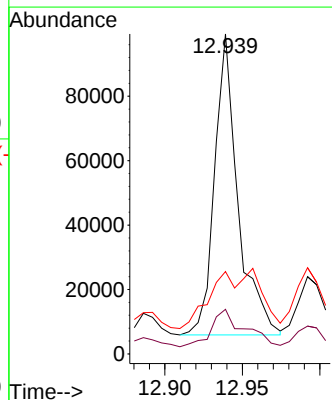
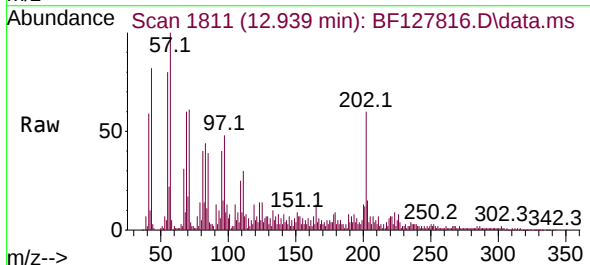
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

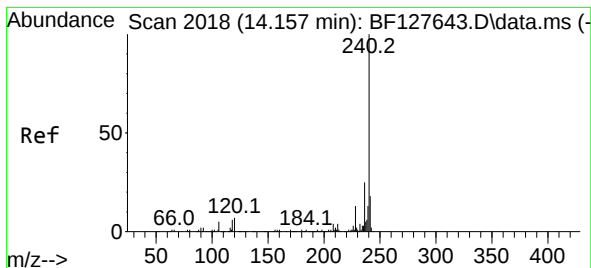
Tgt Ion:178 Resp: 66818
Ion Ratio Lower Upper
178 100
176 21.5 15.4 23.2
179 23.1 12.4 18.6#



#75
Fluoranthene
Concen: 5.211 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.229 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

Tgt Ion:202 Resp: 97887
Ion Ratio Lower Upper
202 100
101 14.0 0.0 29.0
203 25.7 0.0 37.7





#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

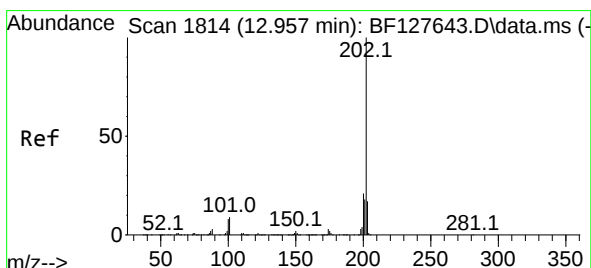
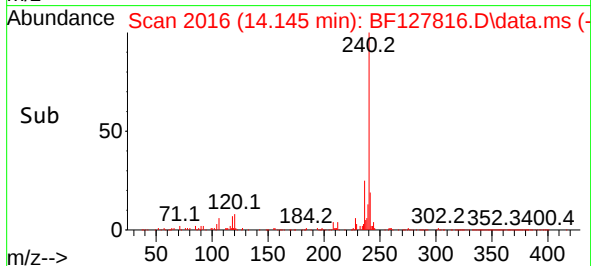
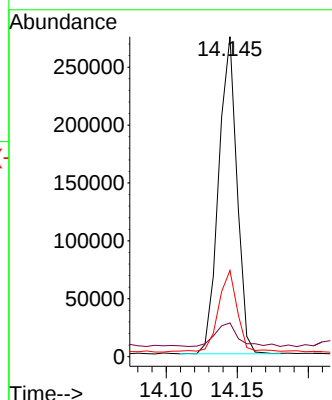
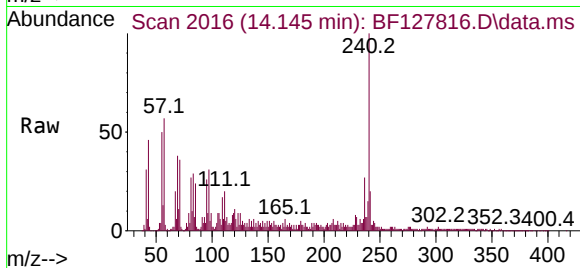
Tgt Ion:240 Resp: 245559

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

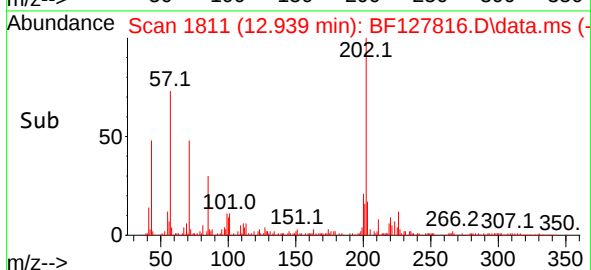
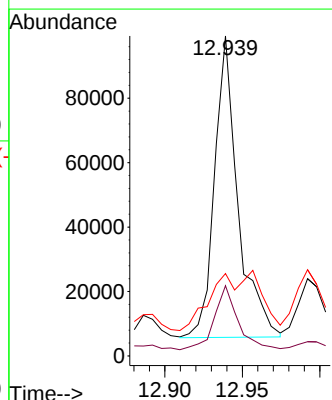
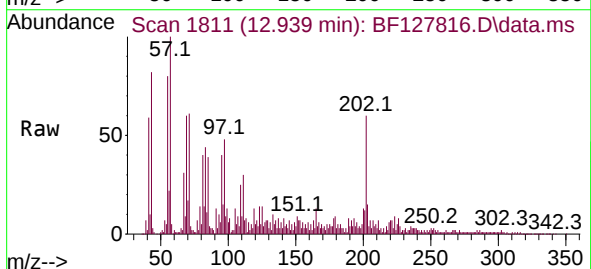
Tgt Ion:202 Resp: 98441

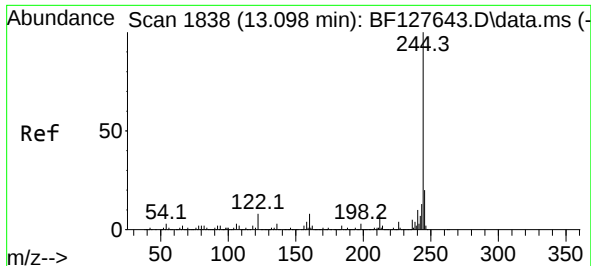
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 25.7 14.3 21.5#

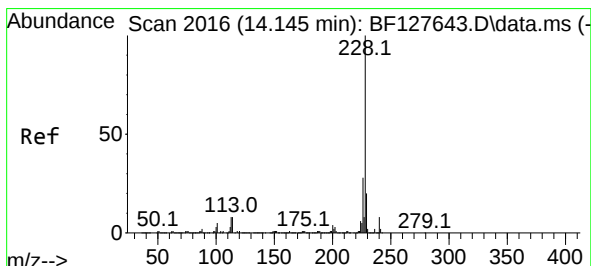
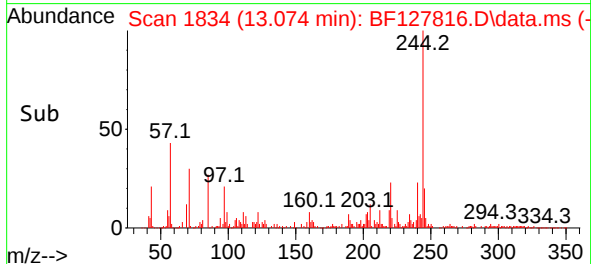
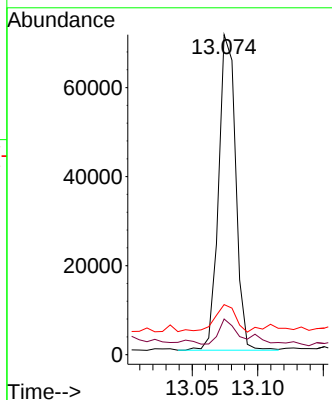
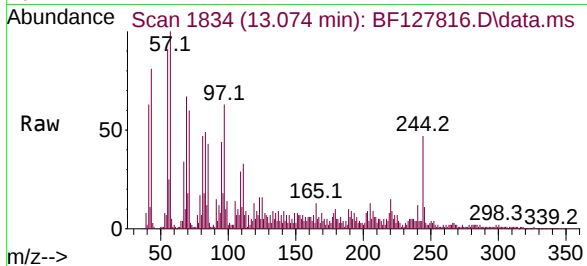




#79
 Terphenyl-d14
 Concen: 4.320 ng
 RT: 13.074 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF127816.D
 Acq: 15 Apr 2022 21:18

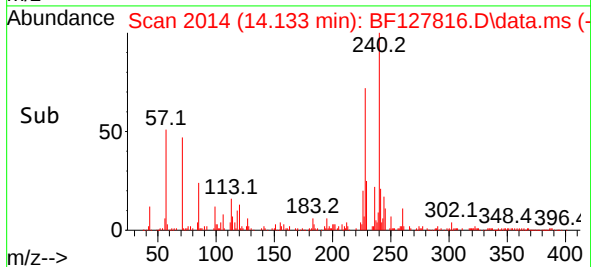
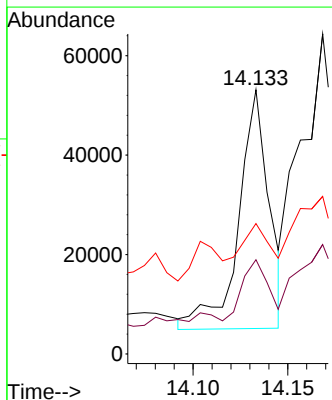
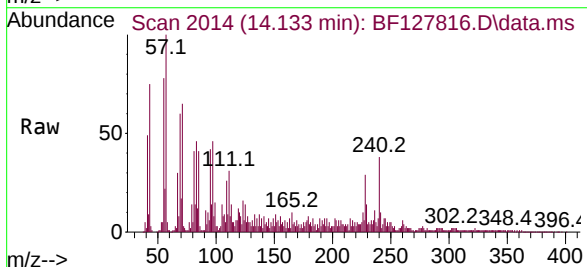
Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

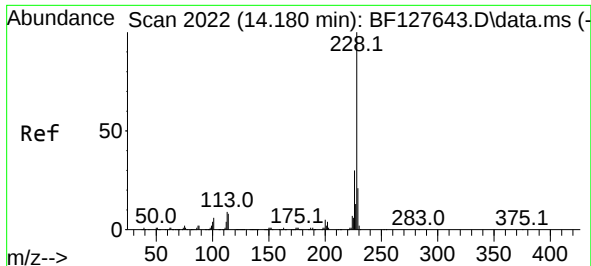
Tgt Ion:244 Resp: 64264
 Ion Ratio Lower Upper
 244 100
 212 11.2 5.7 8.5#
 122 15.7 6.2 9.2#



#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#

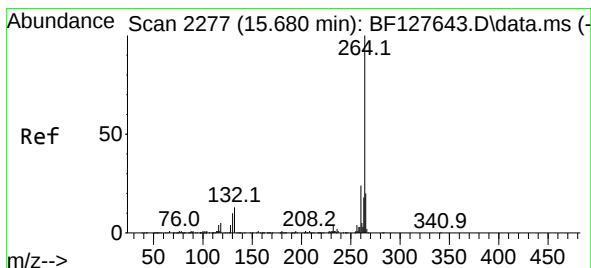
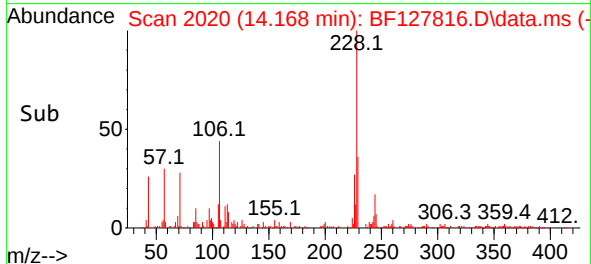
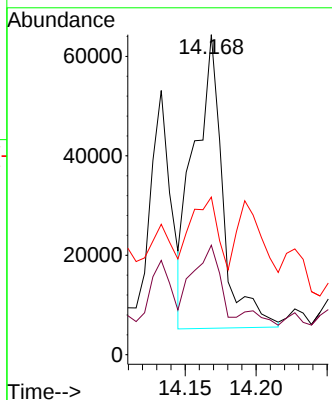
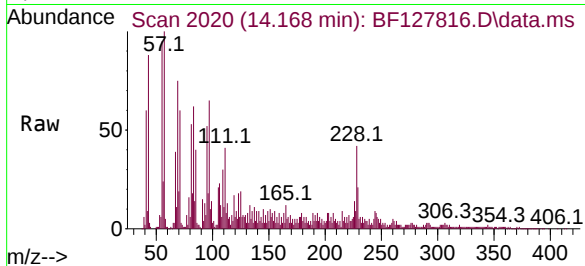




#83
Chrysene
Concen: 5.289 ng
RT: 14.168 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF127816.D
Acq: 15 Apr 2022 21:18

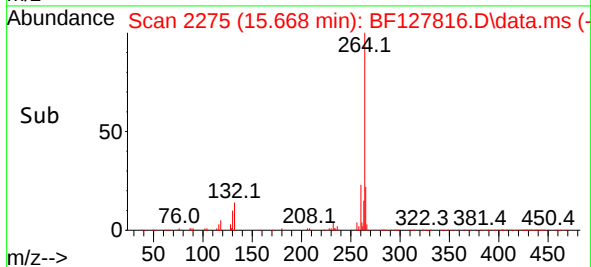
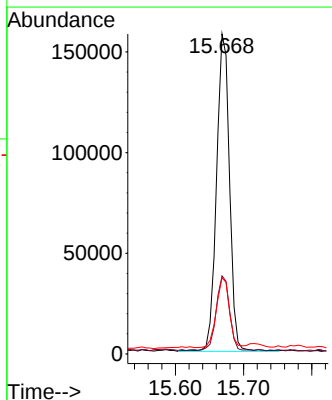
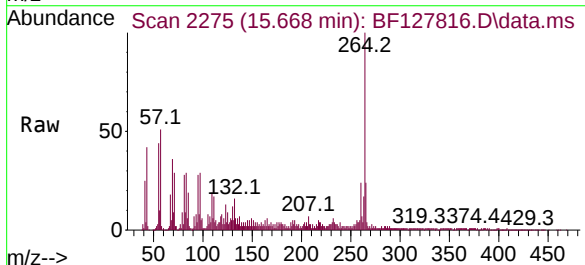
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

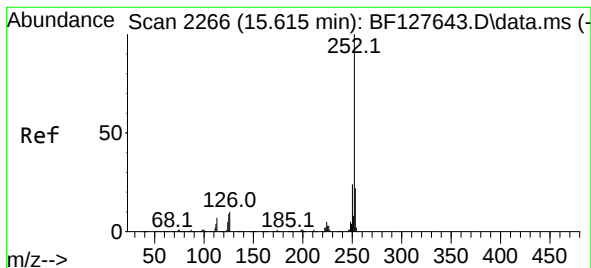
Tgt Ion:228 Resp: 83259
Ion Ratio Lower Upper
228 100
226 34.2 24.2 36.4
229 49.3 15.4 23.2#



#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

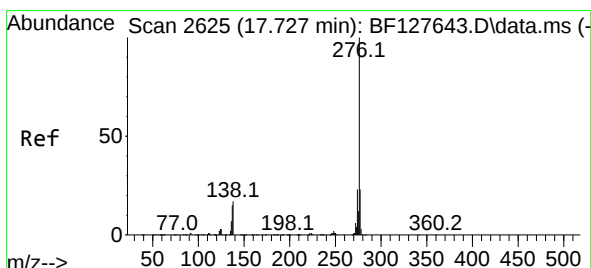
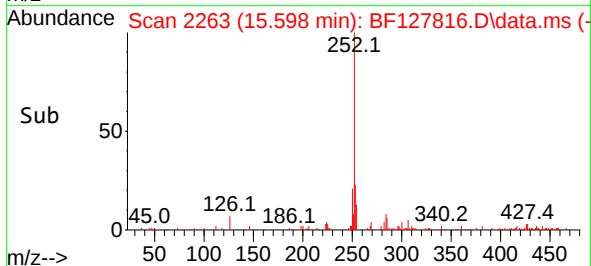
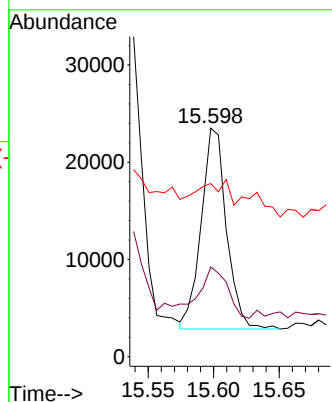
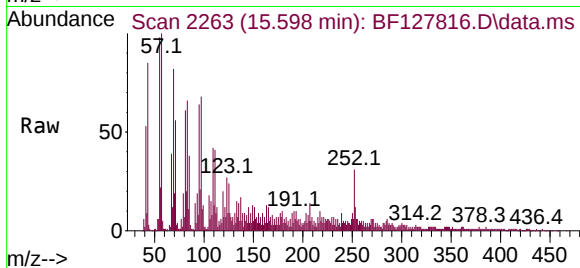
Tgt Ion:252 Resp: 27736

Ion Ratio Lower Upper

252 100

253 39.2 17.0 25.6#

125 75.7 6.7 10.1#



#92

Benzo(g,h,i)perylene

Concen: 2.147 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.018 min

Lab File: BF127816.D

Acq: 15 Apr 2022 21:18

Tgt Ion:276 Resp: 23344

Ion Ratio Lower Upper

276 100

277 40.3 19.0 28.4#

138 30.8 14.6 22.0#

