

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111740.D
 Acq On : 27 Dec 2018 3:23
 Operator : JU/SJ
 Sample : J6188-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

Manual Integrations
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 12/27/2018 8:22:43 AM

Quant Time: Dec 27 04:30:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132316	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	446452	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	204506	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	397791	20.00	ng	0.01
76) Chrysene-d12	14.07	240	278755	20.00	ng	0.02
87) Perylene-d12	15.55	264	222050	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	388391	50.03	ng	0.02
7) Phenol-d6	6.54	99	463108	46.88	ng	0.02
23) Nitrobenzene-d5	7.46	82	262052	34.17	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	119086	49.28	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	447841	31.92	ng	0.00
79) Terphenyl-d14	13.01	244	466066	31.71	ng	0.01
Target Compounds						
10) Phenol	6.55	94	28551	2.561	ng	94
50) Dimethylphthalate	9.65	163	55741	3.727	ng	97
71) Phenanthrene	11.45	178	75066	3.558	ng	92
75) Fluoranthene	12.64	202	95509	4.471	ng	95
78) Pyrene	12.87	202	84856	4.311	ng	97
81) Benzo(a)anthracene	14.06	228	33603	2.112	ng	98
83) Chrysene	14.09	228	31423m	2.010	ng	
88) Benzo(b)fluoranthene	15.12	252	34729m	2.676	ng	

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

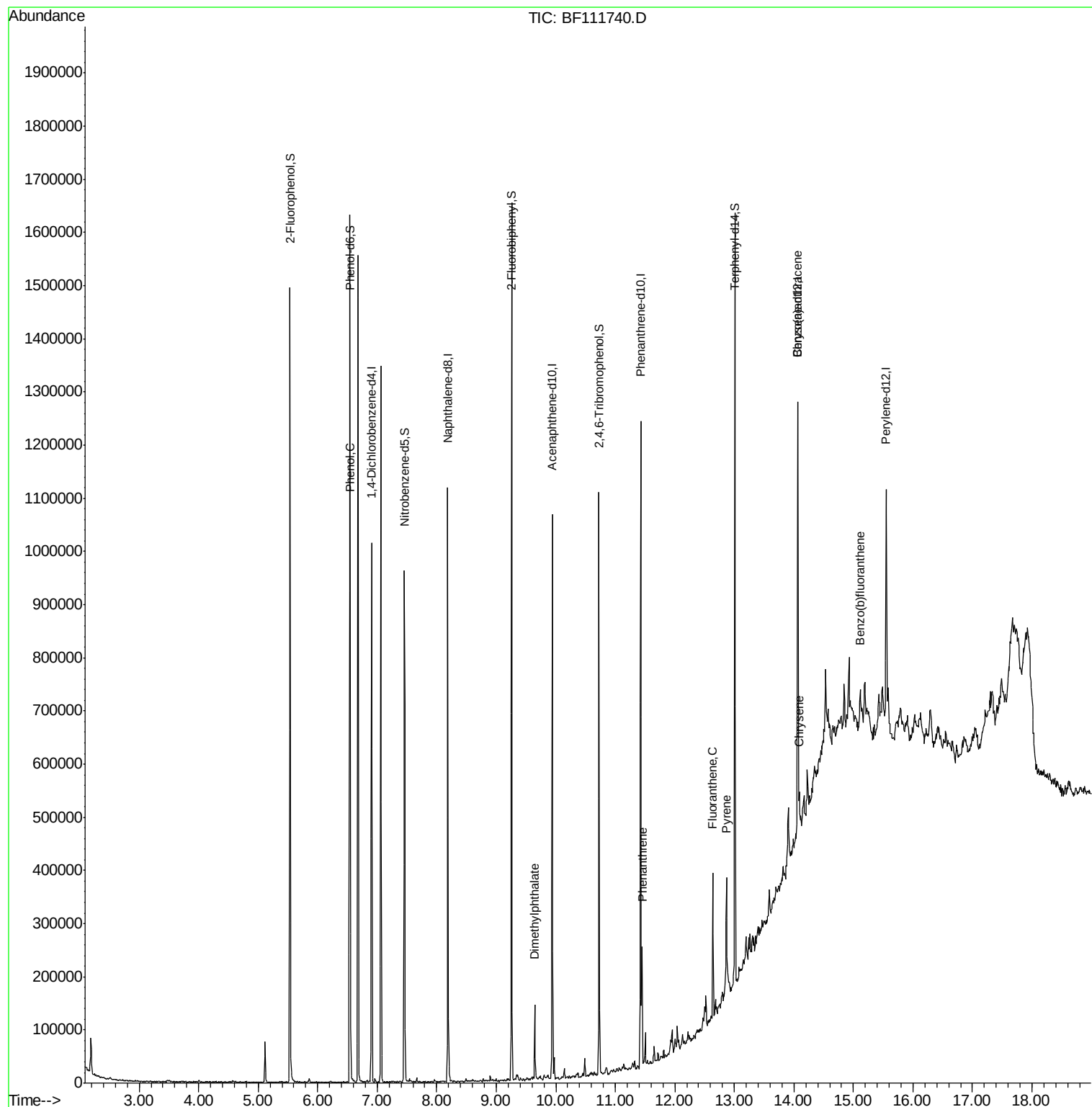
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111740.D
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Sample : J6188-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

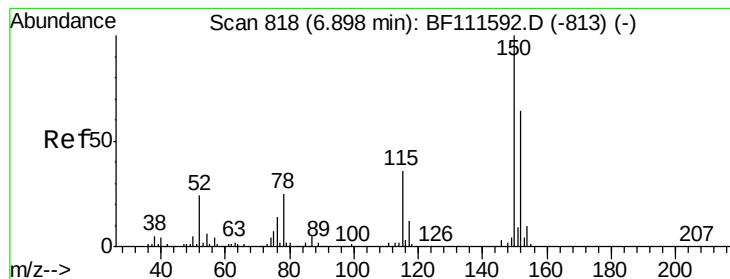
Instrument :
BNA_F
ClientSampleId :
BU-03-122118

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Quant Time: Dec 27 04:30:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

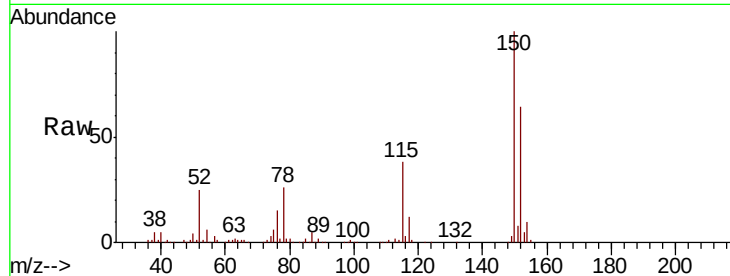
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	59.2	50.7	76.1

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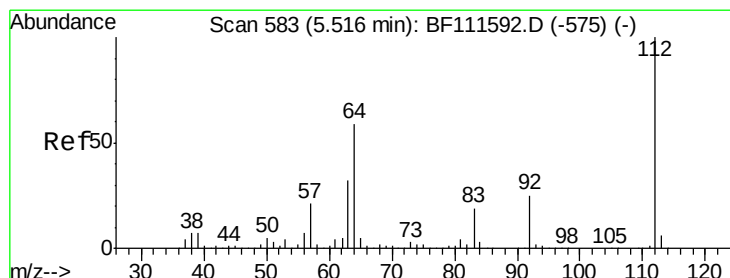
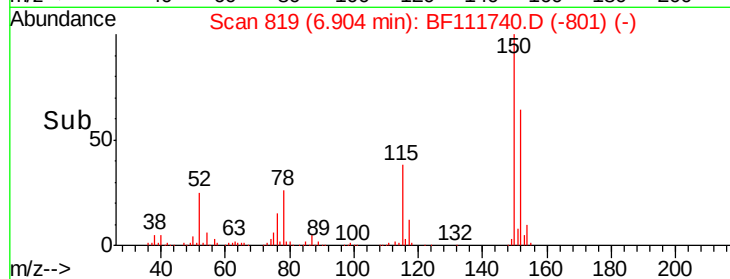
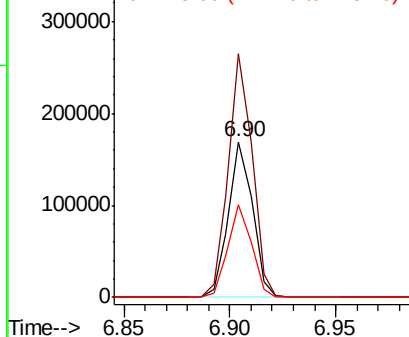


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

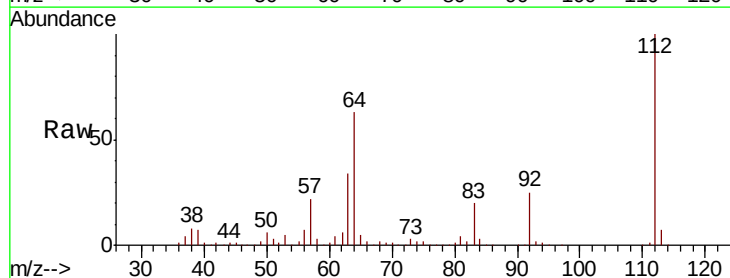
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.034 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.8	77.6
63	34.4	26.8	40.2

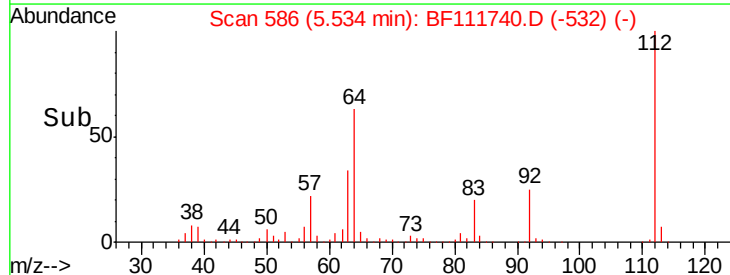
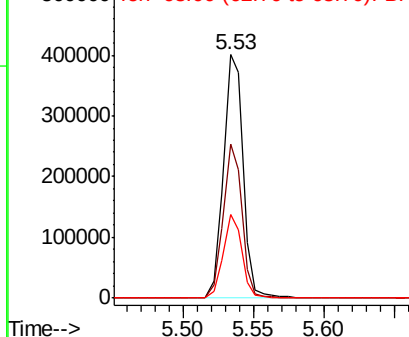


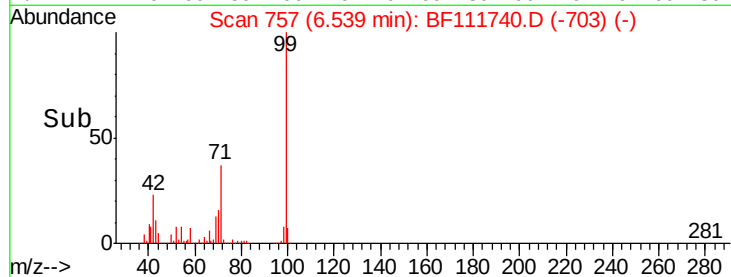
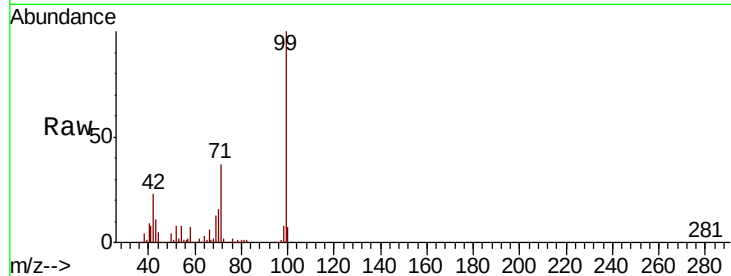
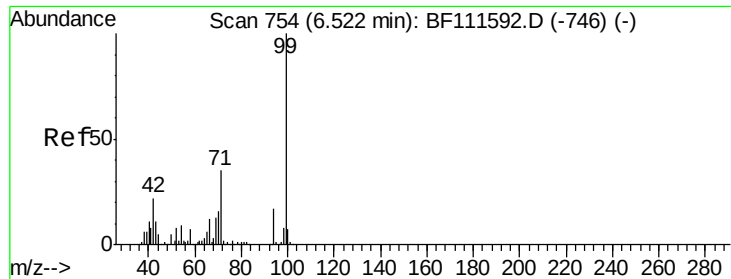
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 46.878 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Tot Ion:	99	Resp:	463108
Ion Ratio	Lower	Upper	
99	100		
42	23.0	17.4	26.0
71	37.0	26.1	39.1

Instrument :

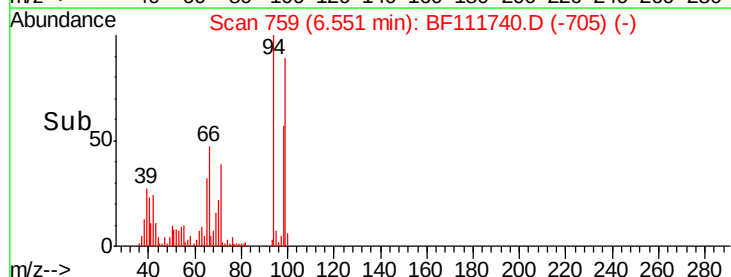
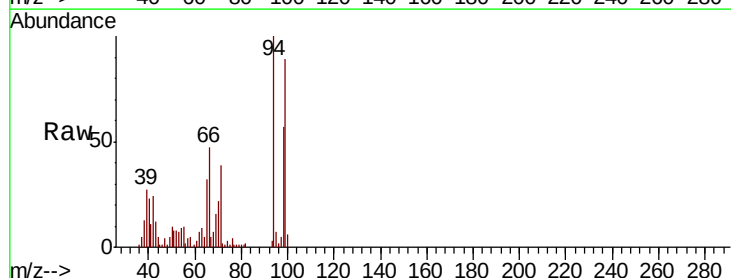
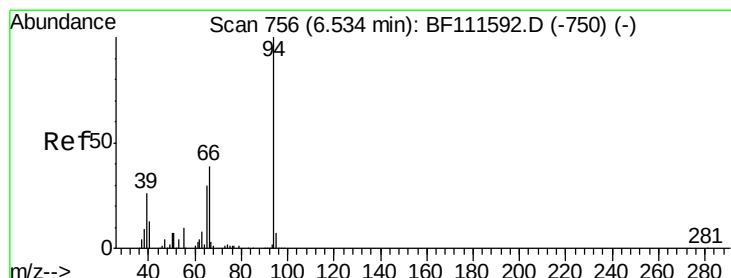
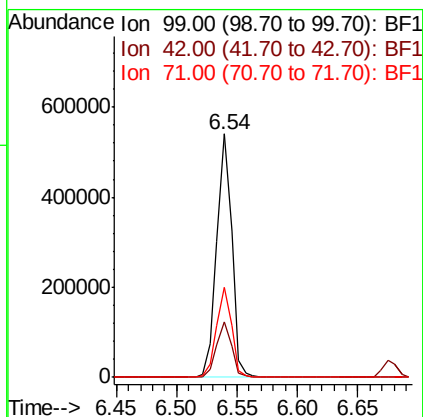
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#10

Phenol

Concen: 2.561 ng

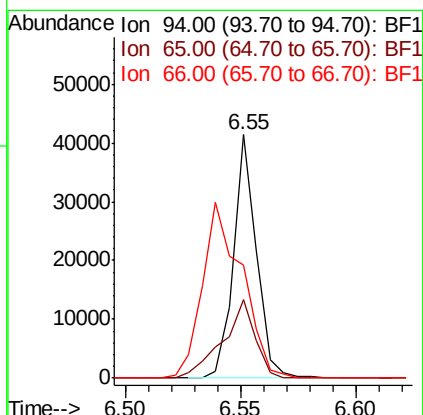
RT: 6.55 min Scan# 759

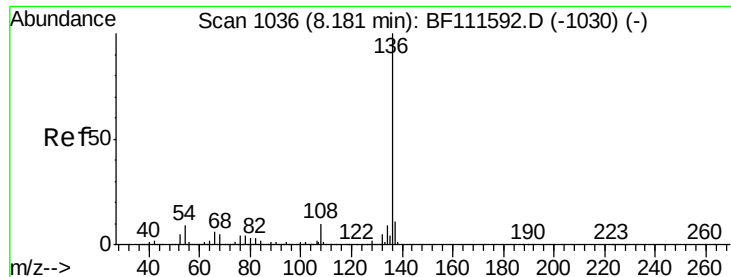
Delta R.T. 0.02 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Tgt Ion:	94	Resp:	28551
Ion Ratio	Lower	Upper	
94	100		
65	32.2	11.7	51.7
66	46.7	21.0	61.0





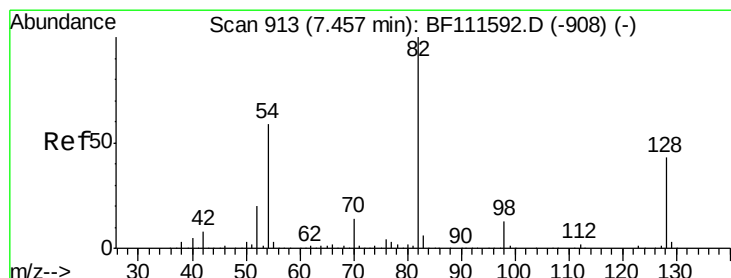
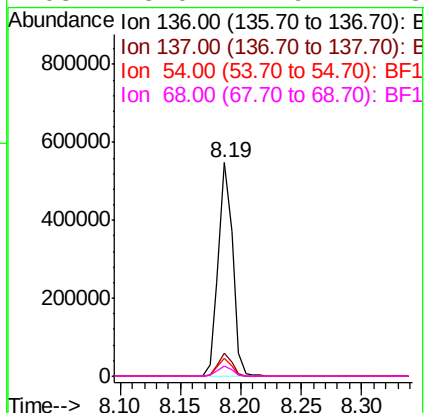
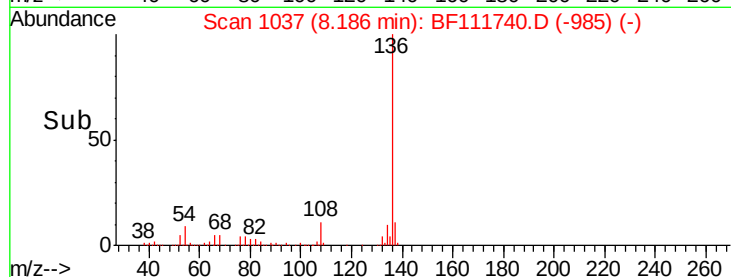
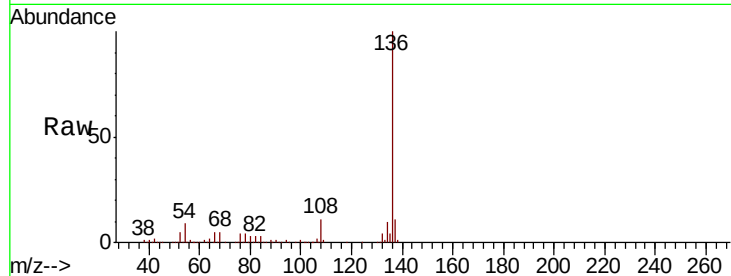
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		9.1	13.7	
54	8.6		7.7	11.5	
68	5.0		4.9	7.3	

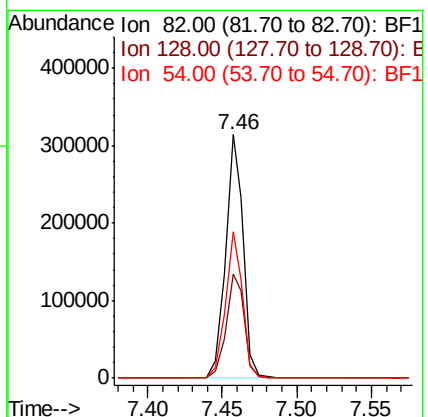
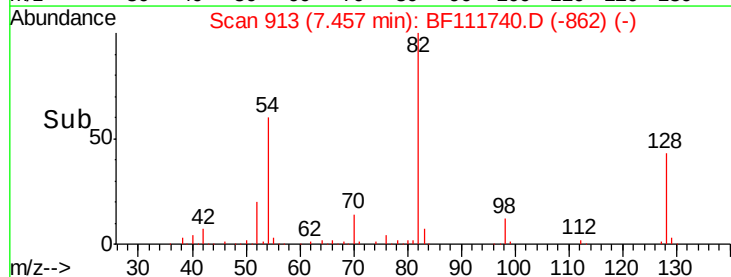
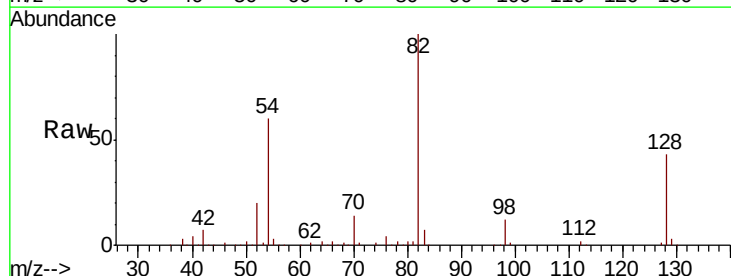
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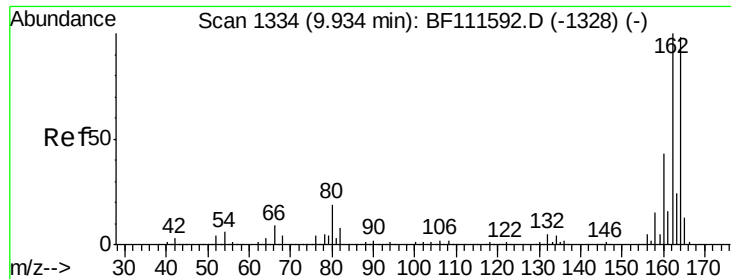
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#23
Nitrobenzene-d5
Concen: 34.166 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	42.9		37.4	56.2	
54	59.9		47.6	71.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Instrument :

BNA_F

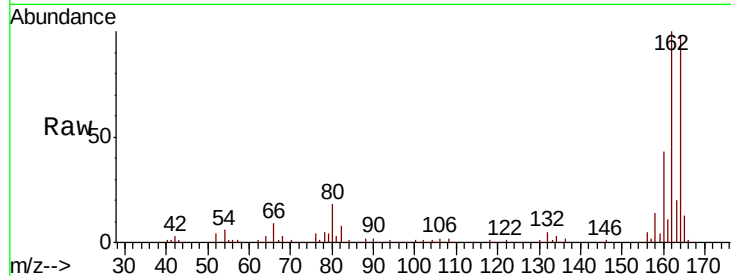
ClientSampleId :

BU-03-122118

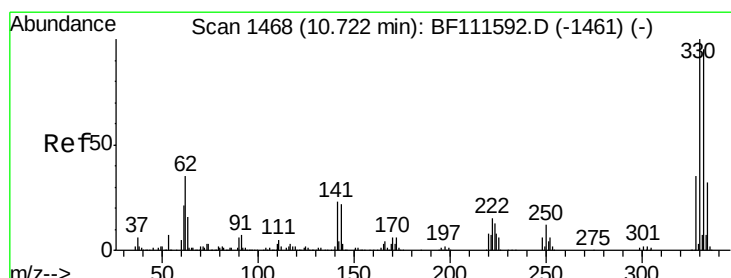
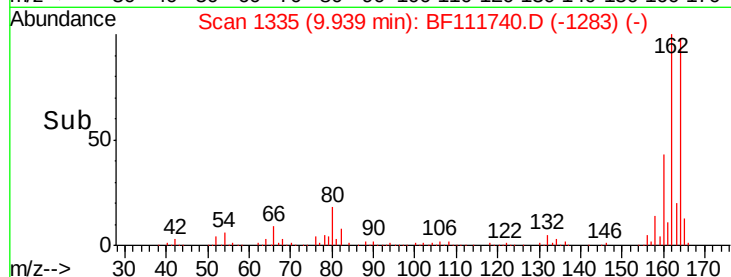
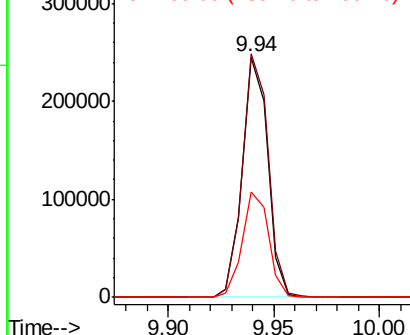
Tot Ion:	164	Resp:	204506
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.4	122.0
160	44.2	35.7	53.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 49.283 ng

RT: 10.73 min Scan# 1469

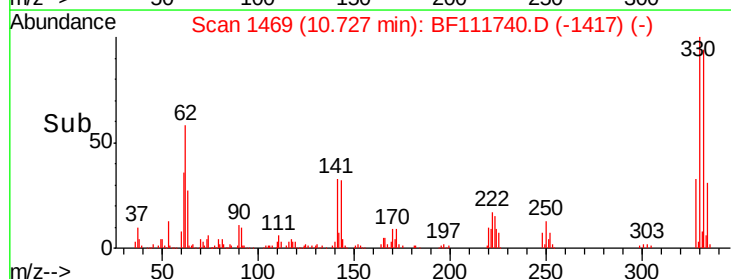
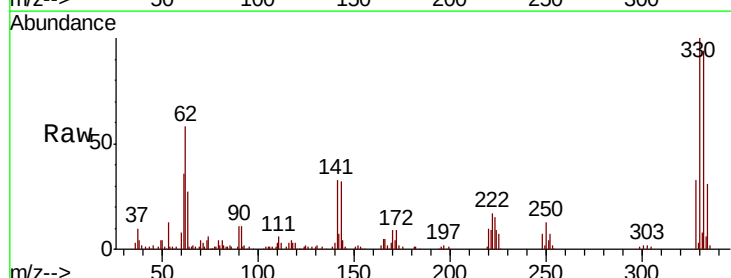
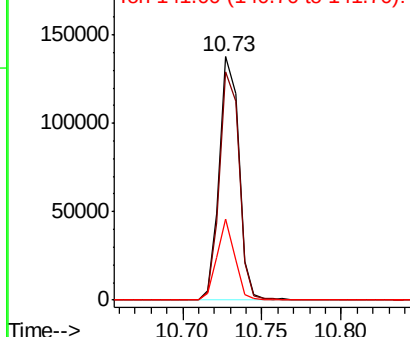
Delta R.T. 0.01 min

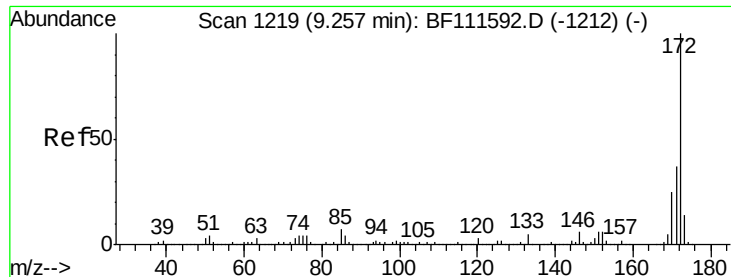
Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Tgt Ion:	330	Resp:	119086
Ion Ratio	Lower	Upper	
330	100		
332	93.9	76.0	114.0
141	30.2	31.0	46.6#

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





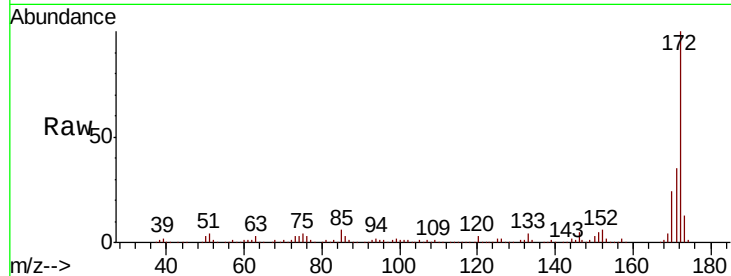
#45
2-Fluorobiphenyl
Concen: 31.919 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	33.0	49.4
170	23.6	22.3	33.5

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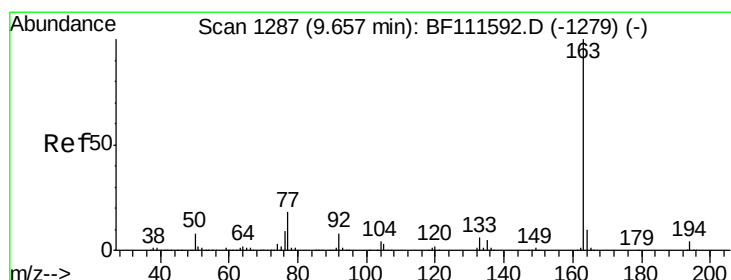
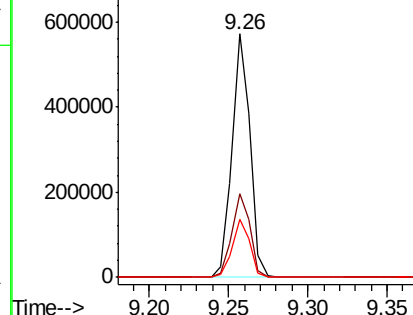
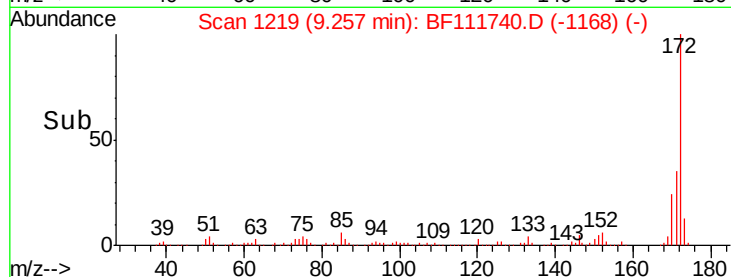


Abundance

Ion 172.00 (171.70 to 172.70): E

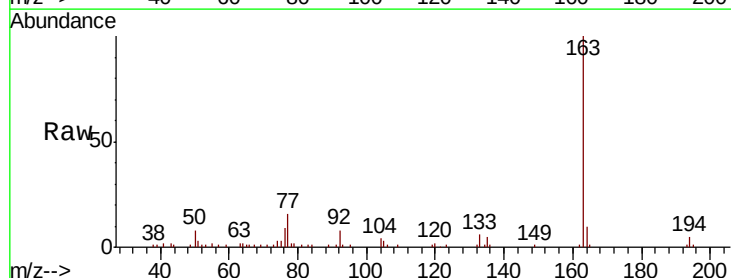
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.727 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.7	8.9	13.3

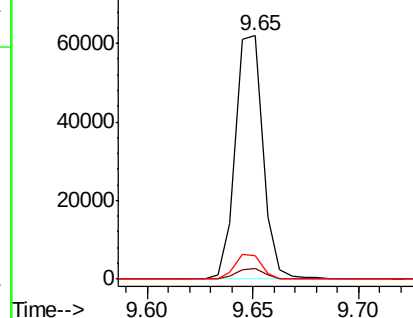
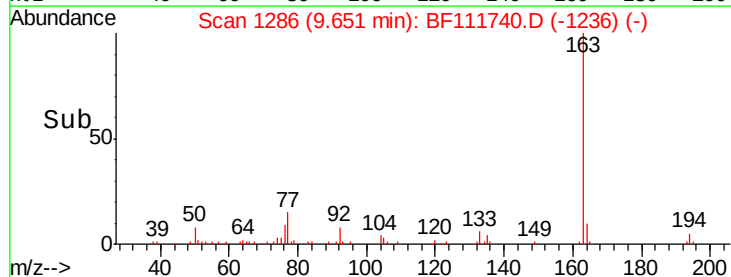


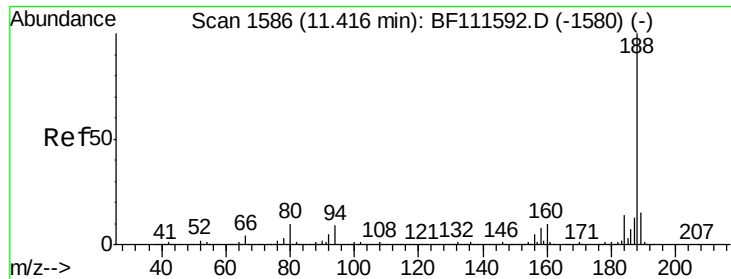
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Instrument :

BNA_F

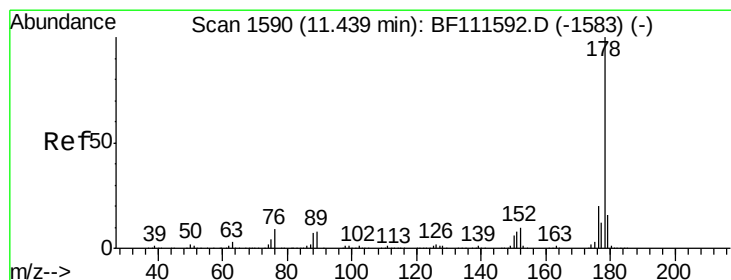
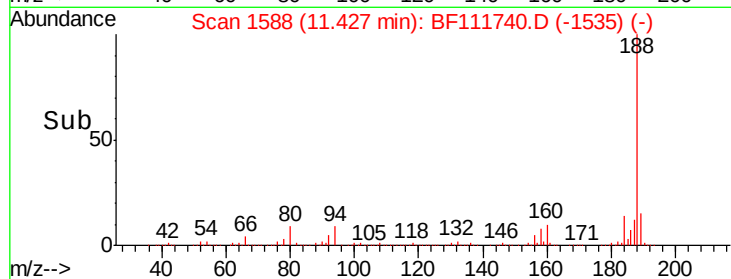
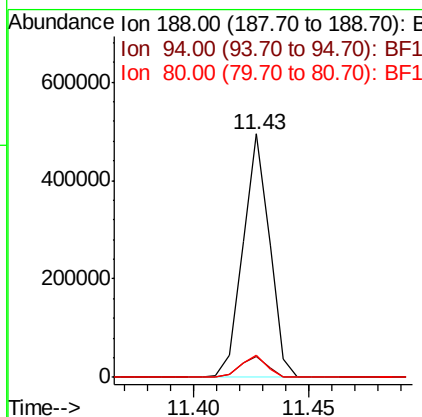
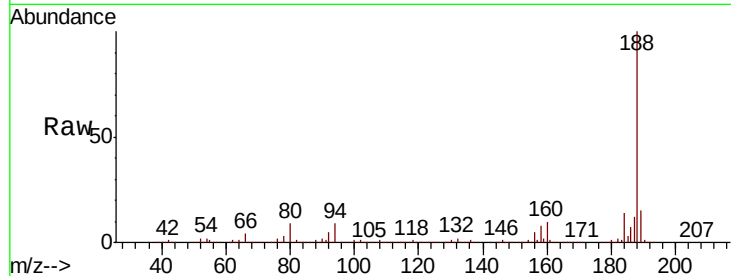
ClientSampleId :

BU-03-122118

Tot Ion	Ratio	Resp	Lower	Upper
188	100	397791		
94	8.6		9.6	14.4#
80	9.1		9.8	14.6#

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#71

Phenanthrene

Concen: 3.558 ng

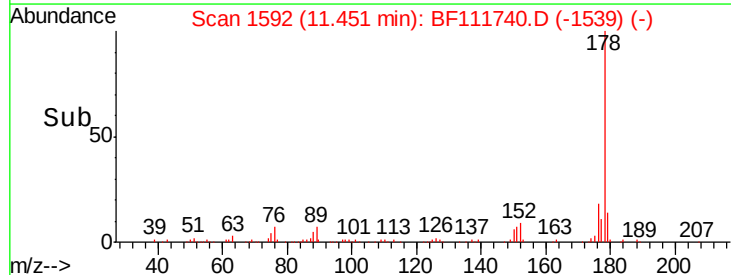
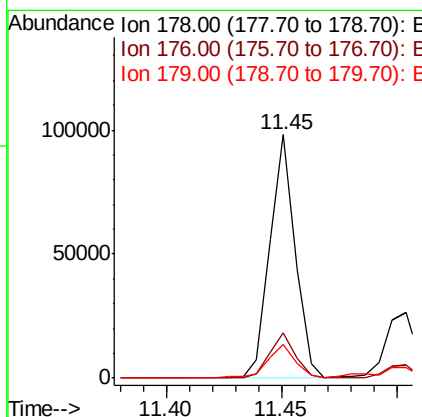
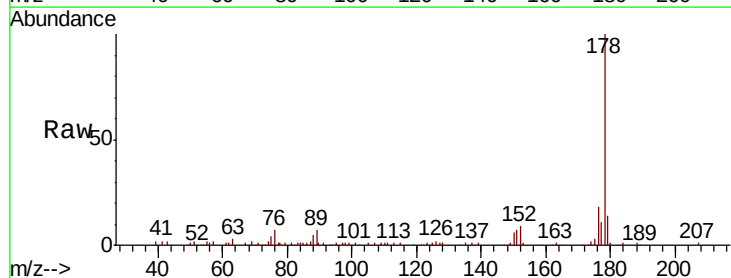
RT: 11.45 min Scan# 1592

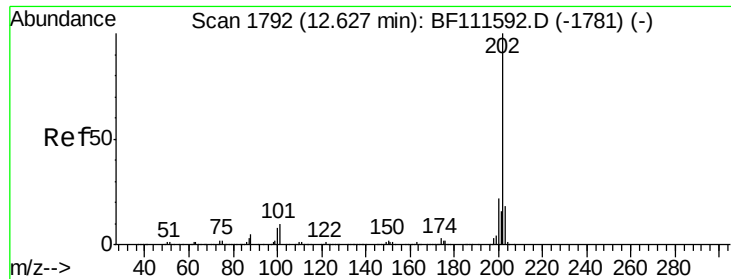
Delta R.T. 0.01 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	75066		
176	18.4		18.1	27.1
179	14.1		14.0	21.0





#75

Fluoranthene

Concen: 4.471 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Instrument :

BNA_F

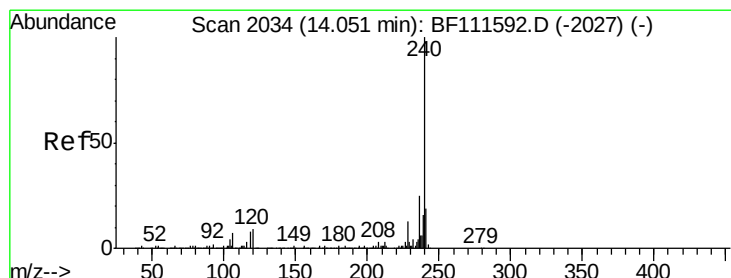
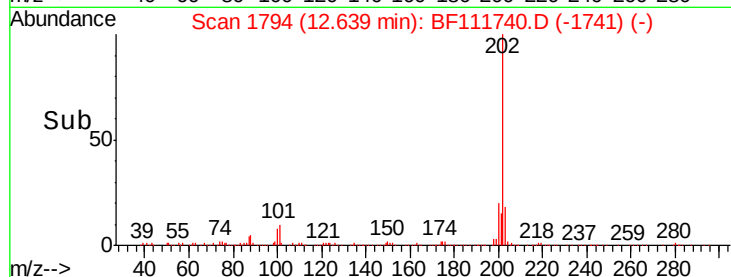
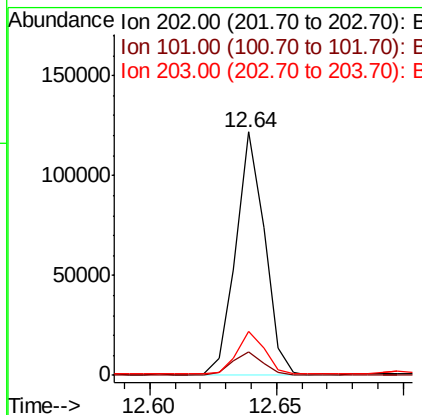
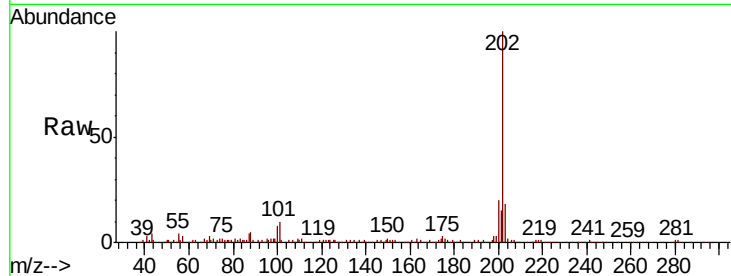
ClientSampleId :

BU-03-122118

Tot Ion	Ratio	Resp	Lower	Upper
202	100	95509		
101	9.8	0.0	33.8	
203	17.9	0.0	38.6	

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#76

Chrysene-d12

Concen: 20.000 ng

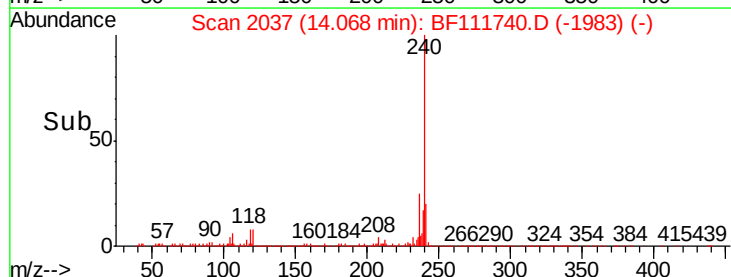
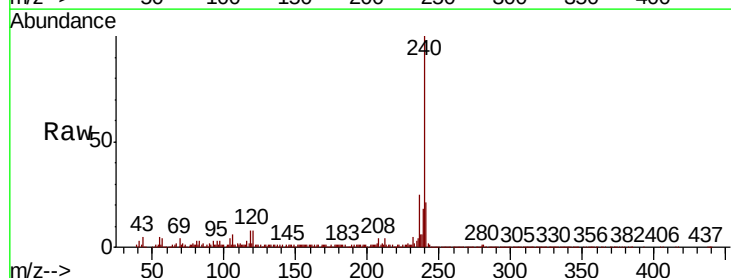
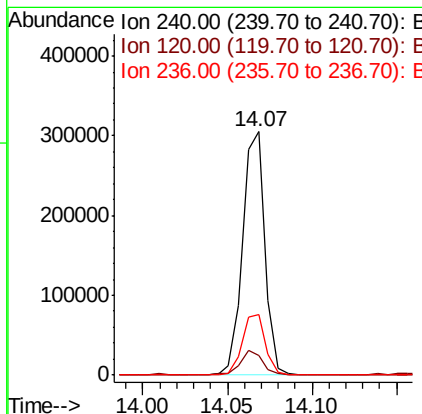
RT: 14.07 min Scan# 2037

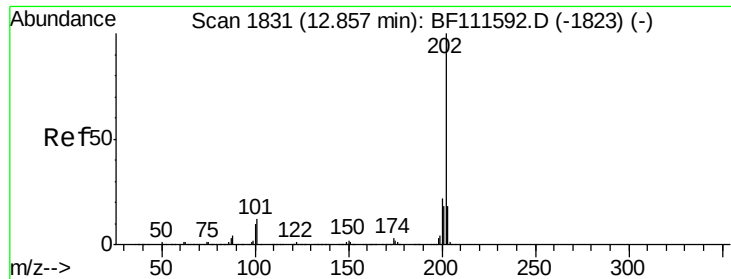
Delta R.T. 0.02 min

Lab File: BF111740.D

Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	278755		
120	8.3	12.2	18.2#	
236	24.8	20.2	30.2	





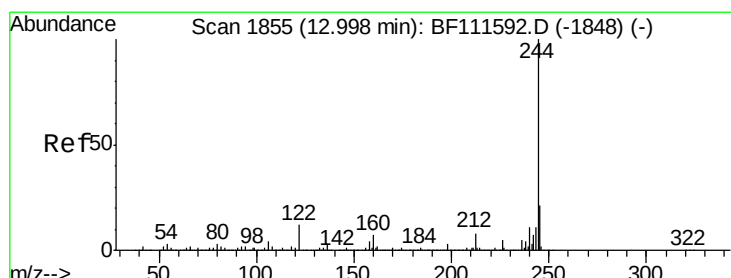
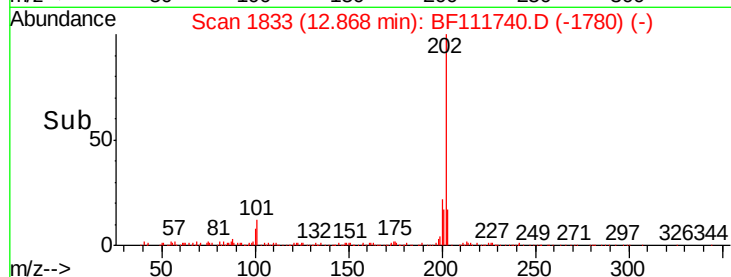
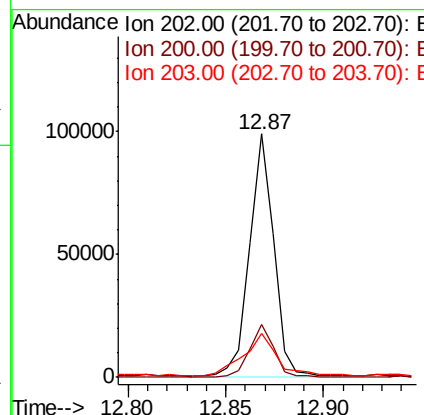
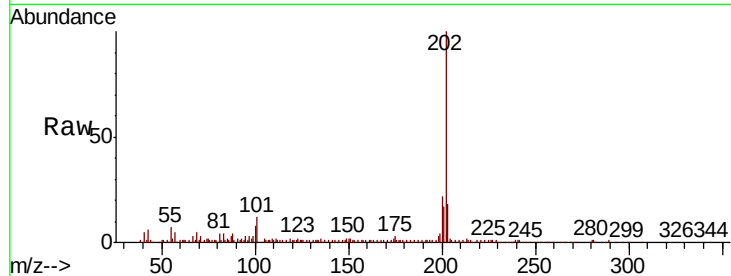
#78
Pvrene
Concen: 4.311 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampled :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.0	28.4
203	18.1	15.2	22.8

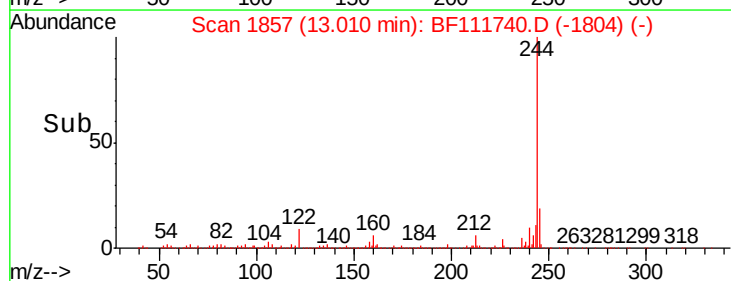
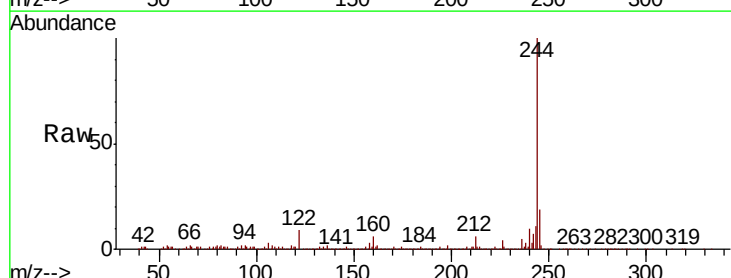
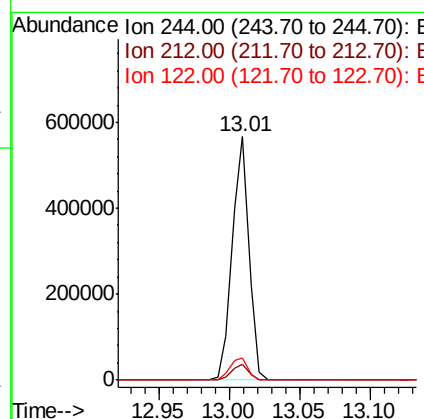
Manual Integrations
APPROVED

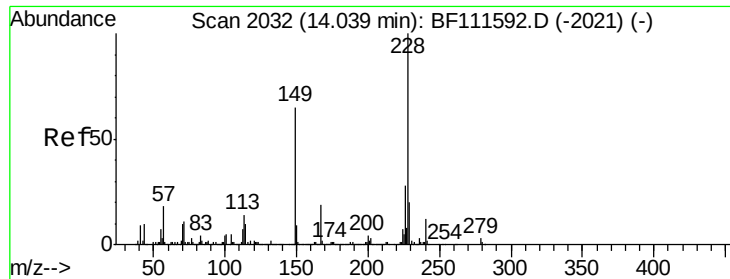
Sohil
12/27/2018 8:22:43 AM



#79
Terphenyl-d14
Concen: 31.707 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.3	13.1	19.7





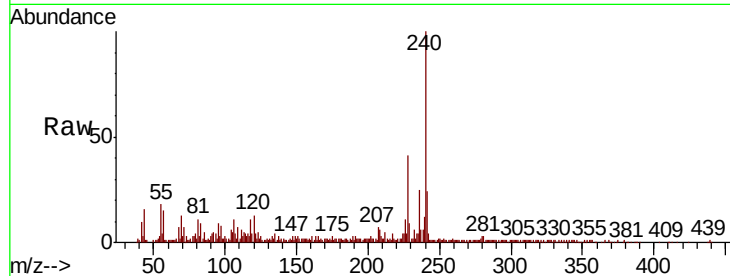
#81
Benzo(a)anthracene
Concen: 2.112 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	22.0	16.3	24.5

Manual Integrations
APPROVED

Sohil
12/27/2018 8:22:43 AM

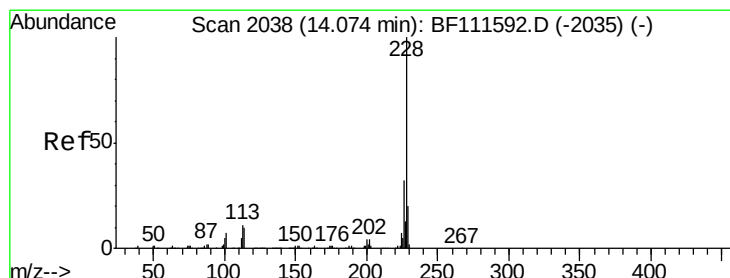
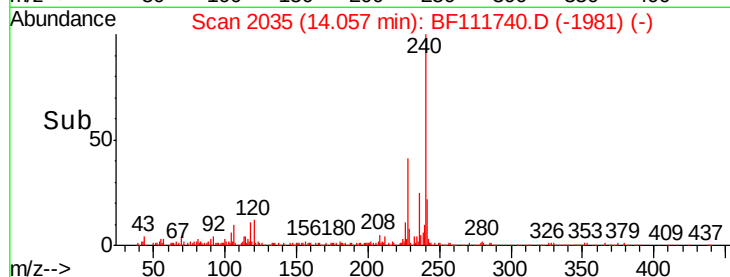
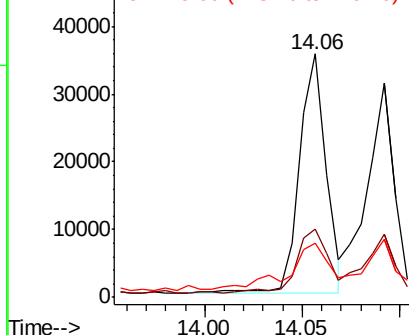


Abundance

Ion 228.00 (227.70 to 228.70): E

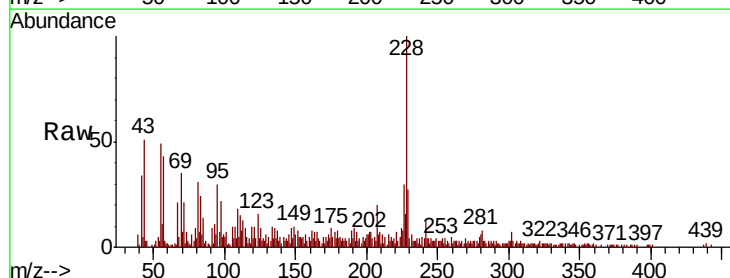
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.010 ng m
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	27.2	17.2	25.8#

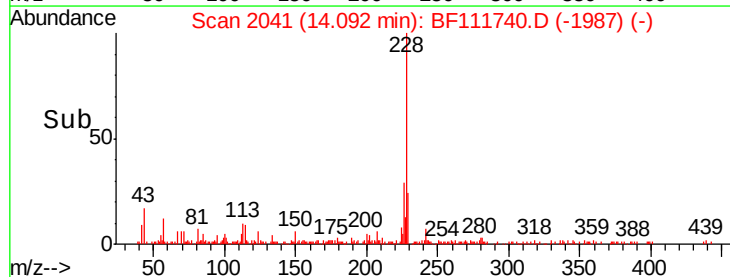
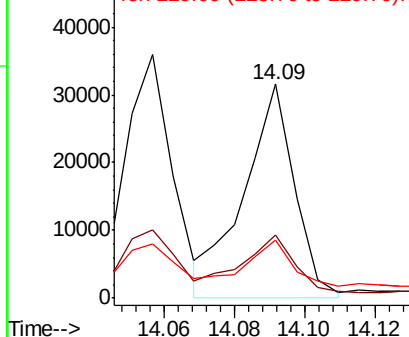


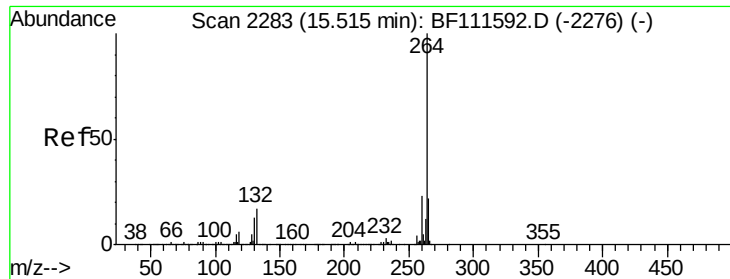
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





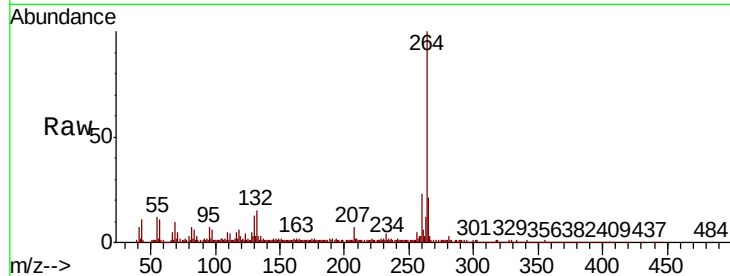
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.1	17.7	26.5

Manual Integrations
APPROVED

Sohil
12/27/2018 8:22:43 AM

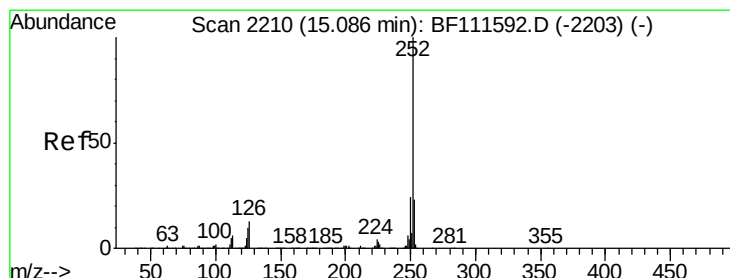
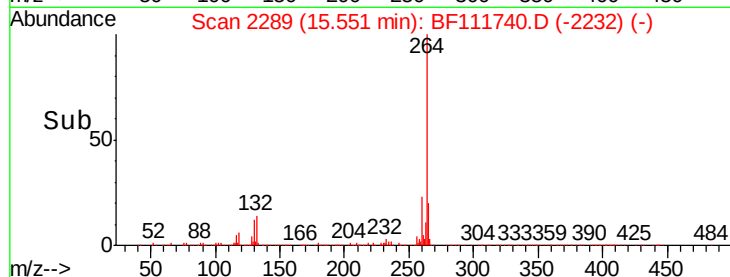
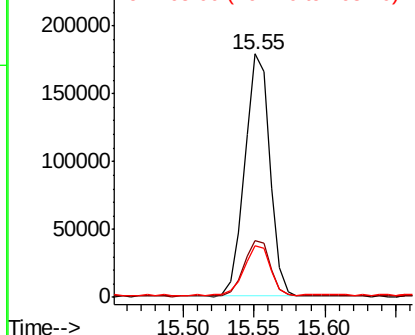


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.676 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111740.D
Acq: 27 Dec 2018 3:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	26.1	10.4	15.6#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

