

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108701.D
 Acq On : 31 Aug 2018 20:44
 Operator : JU/SJ
 Sample : J4270-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

Manual Integrations
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Quant Time: Sep 01 04:22:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	66679	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	315491	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	134977	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	250136	20.00	ng	0.00
75) Chrysene-d12	14.19	240	222832	20.00	ng	0.00
86) Perylene-d12	15.75	264	148740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	26954m	7.02	ng	0.15
7) Phenol-d6	6.67	99	72863	13.25	ng	0.02
23) Nitrobenzene-d5	7.61	82	53396	8.59	ng	0.04
41) 2,4,6-Tribromophenol	10.85	330	4171	2.34	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	139561	13.90	ng	0.00
78) Terphenyl-d14	13.12	244	143479	12.51	ng	-0.01
Target Compounds						
74) Fluoranthene	12.76	202	43233	3.042	ng	Qvalue 94
77) Pyrene	12.99	202	41556	2.481	ng	98
87) Benzo(b)fluoranthene	15.29	252	21638m	2.368	ng	
89) Benzo(a)pyrene	15.69	252	17248	2.089	ng	# 86

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

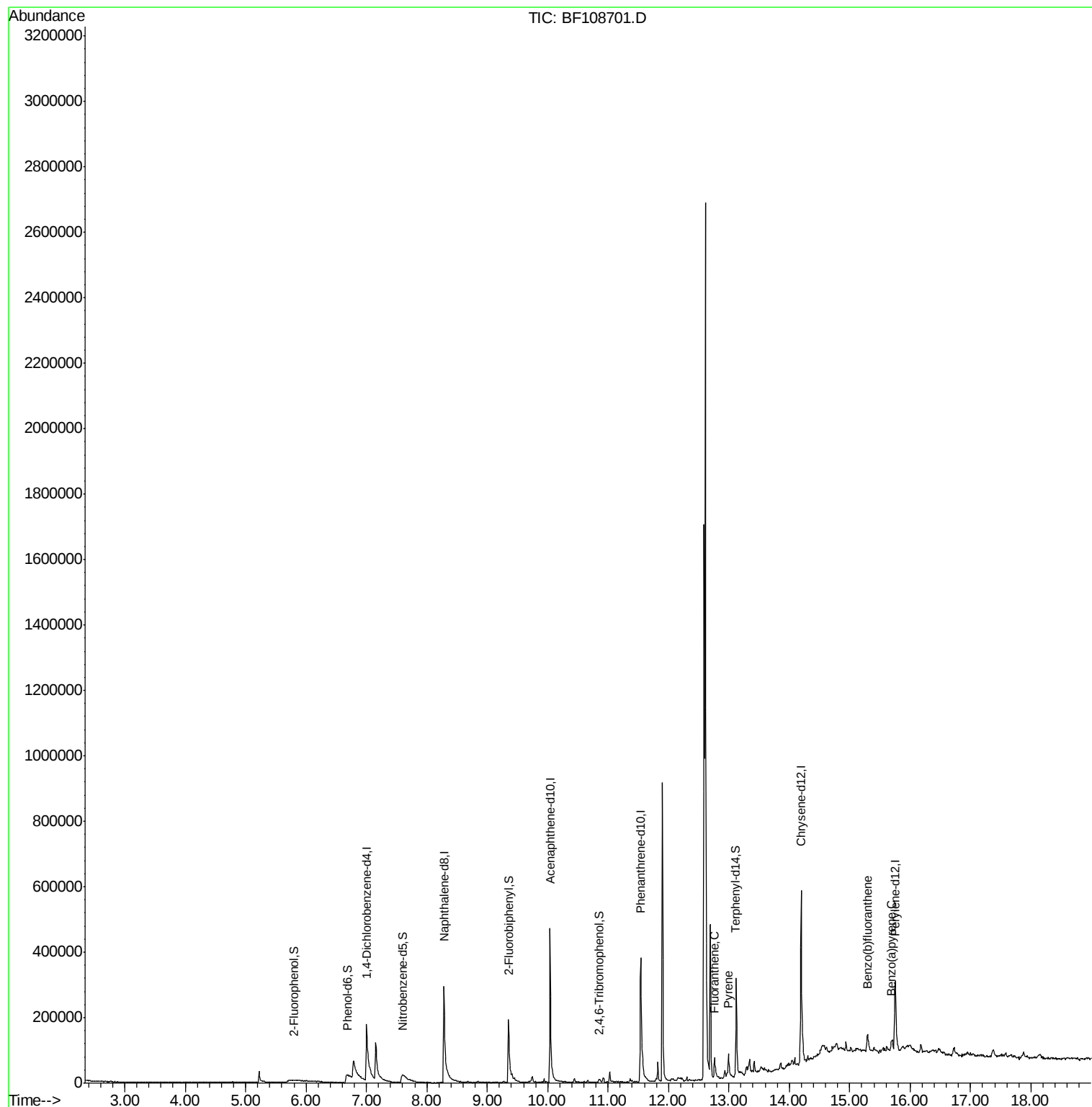
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108701.D
Acq On : 31 Aug 2018 20:44
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Sample : J4270-05 5X
Misc :
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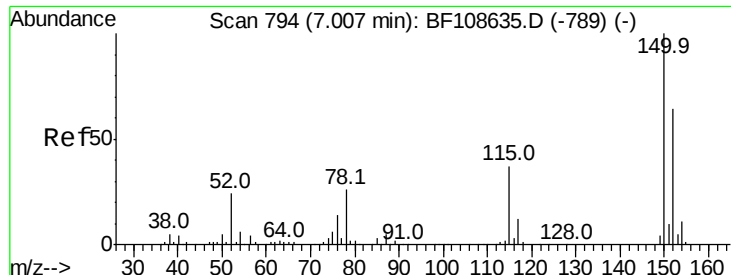
Instrument :
BNA_F
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BU-02-083018

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration





#1

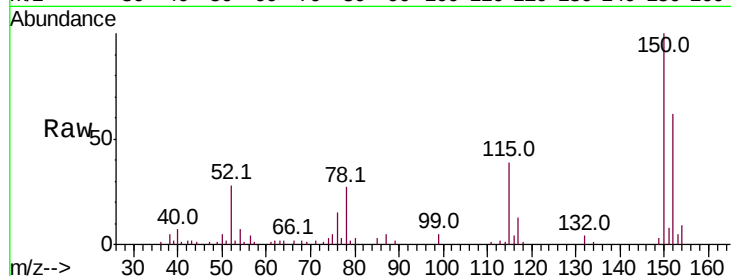
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	62.5	50.1	75.1

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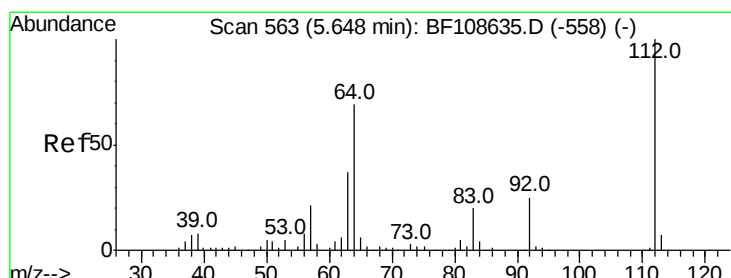
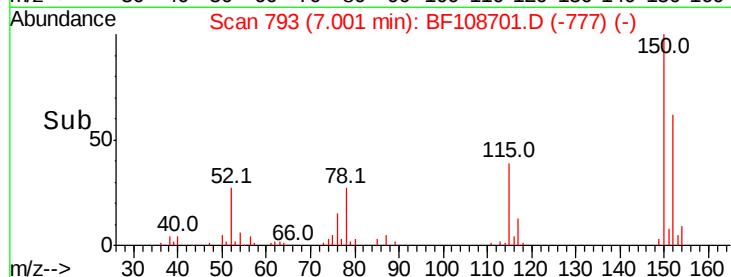
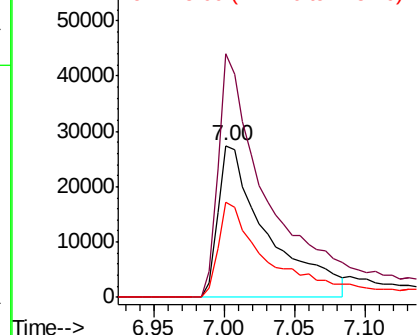


Abundance

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: 7.022 ng m
RT: 5.80 min Scan# 589
Delta R.T. 0.15 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

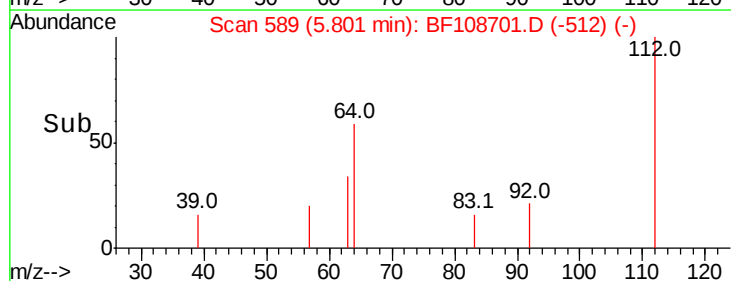
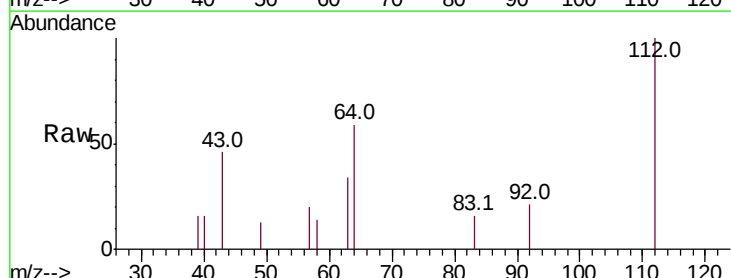
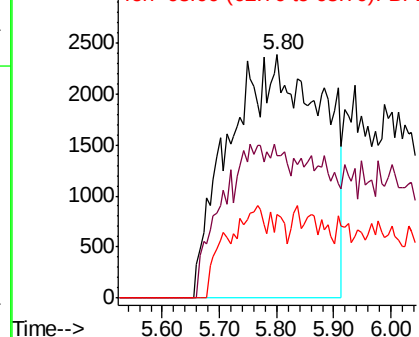
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	34.3	23.7	35.5

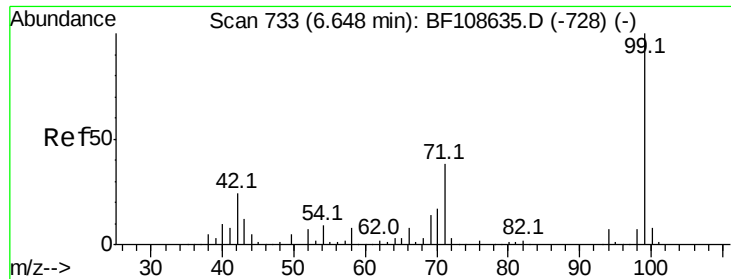
Abundance

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: 13.254 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

Instrument :

BNA_F

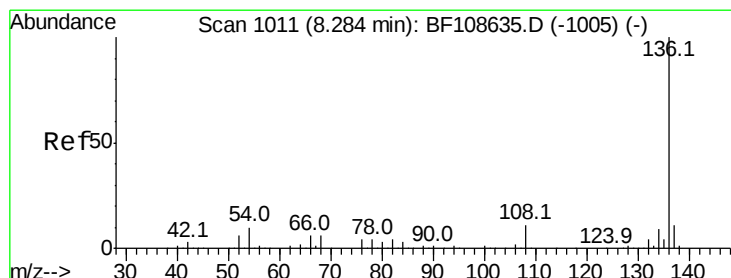
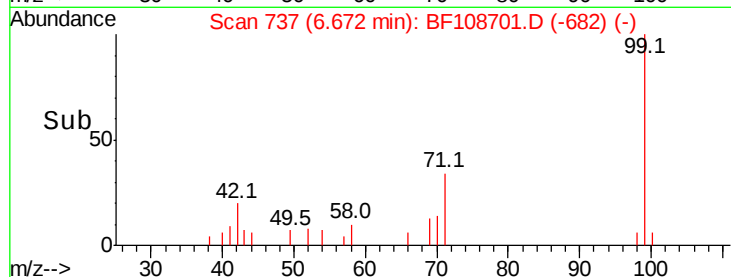
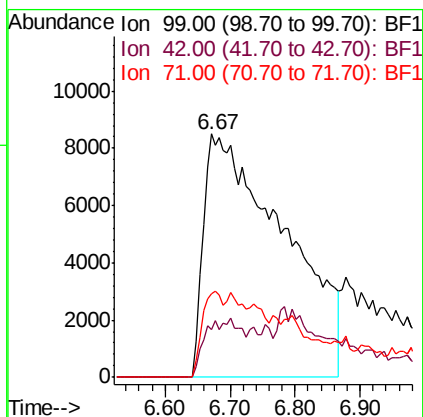
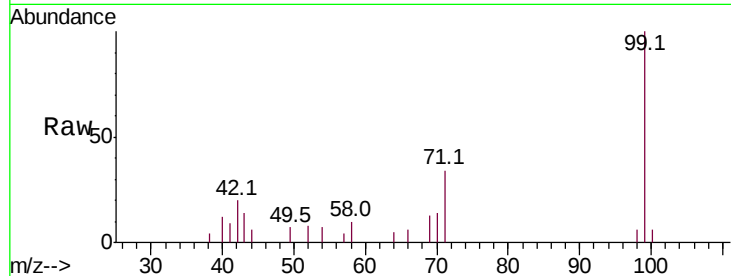
ClientSampleId :

BU-02-083018

Tot Ion:	99	Resp:	72863
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

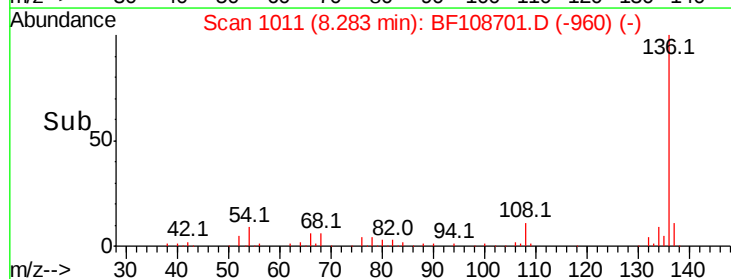
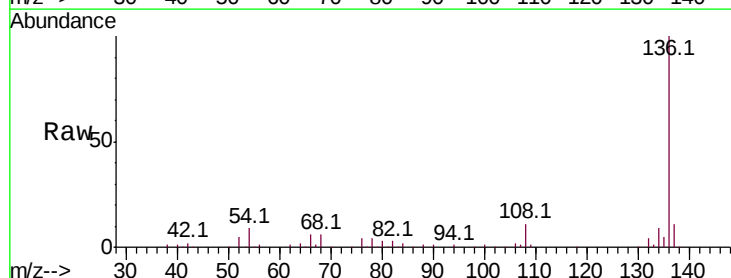
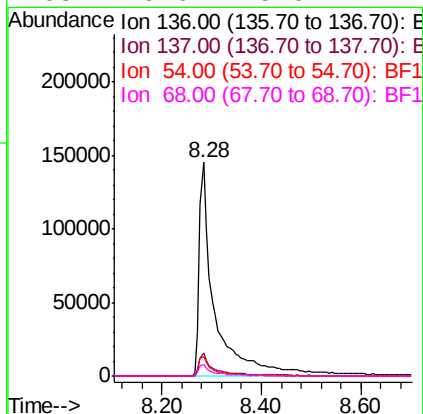
RT: 8.28 min Scan# 1011

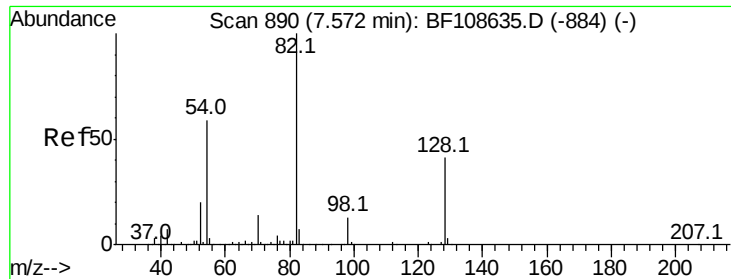
Delta R.T. -0.00 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

Tgt Ion:	136	Resp:	315491
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	5.6	5.0	7.4





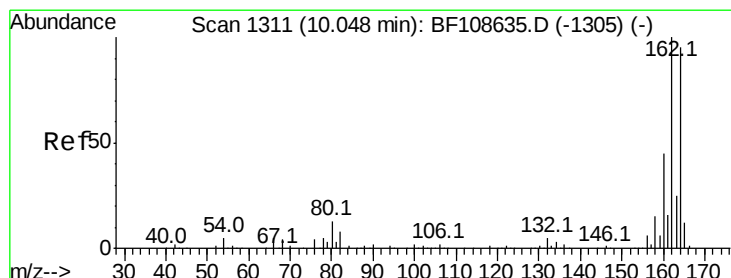
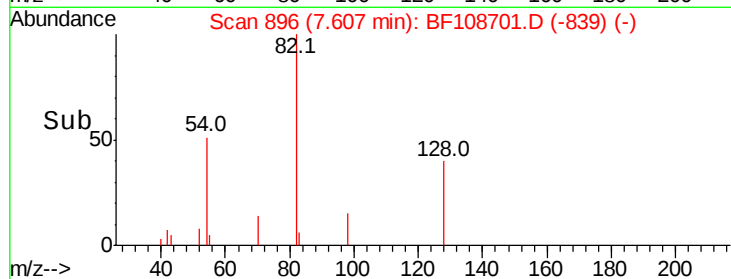
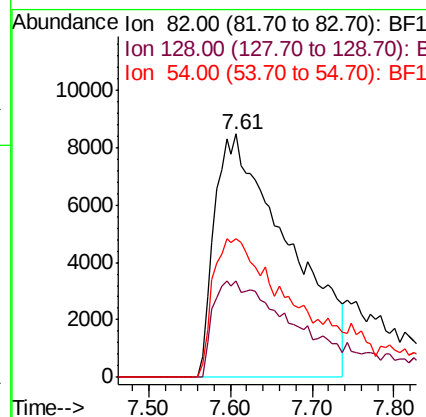
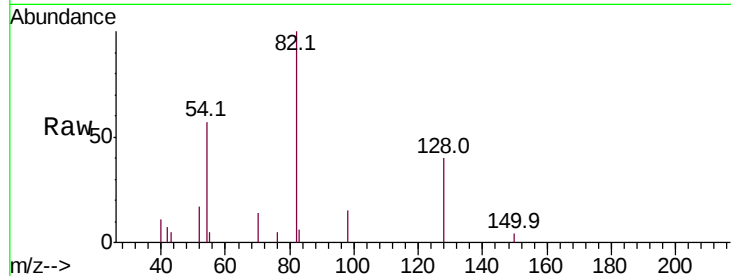
#23
Nitrobenzene-d5
Concen: 8.591 ng
RT: 7.61 min Scan# 896
Delta R.T. 0.04 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.1	54.1
54	56.7	41.4	62.2

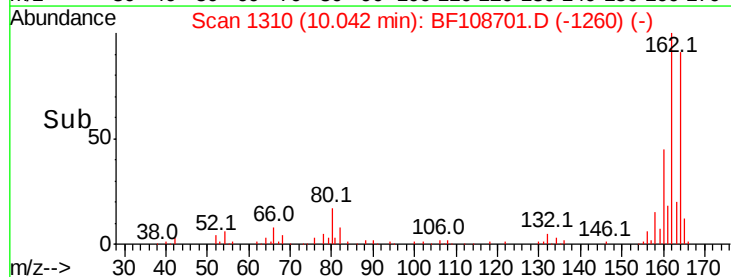
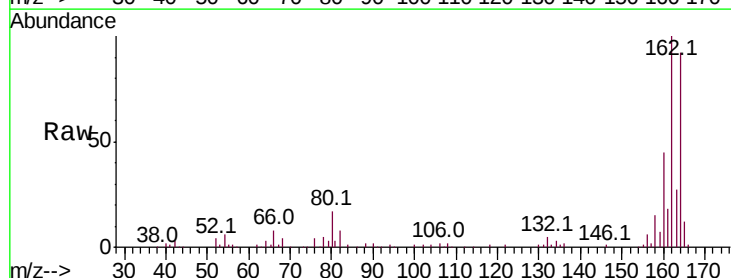
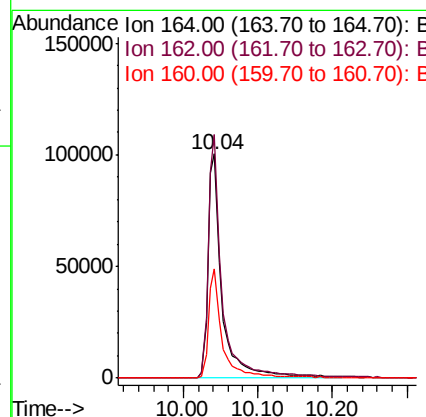
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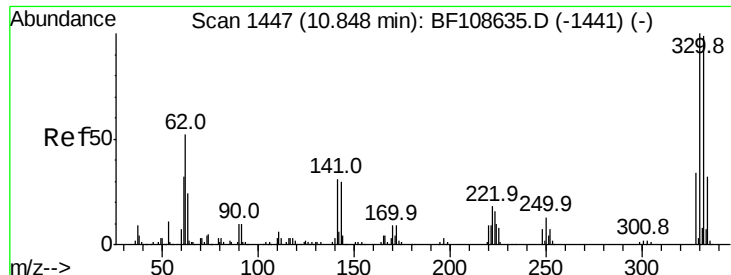
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	86.1	129.1
160	48.8	38.3	57.5





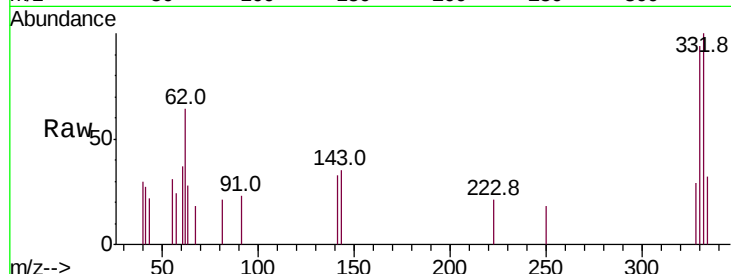
#41
 2,4,6-Tribromophenol
 Concen: 2.341 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108701.D
 Acq: 31 Aug 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

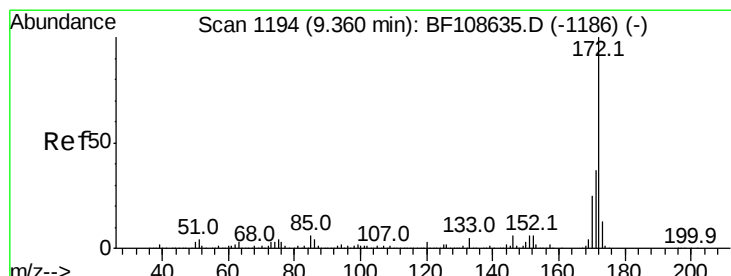
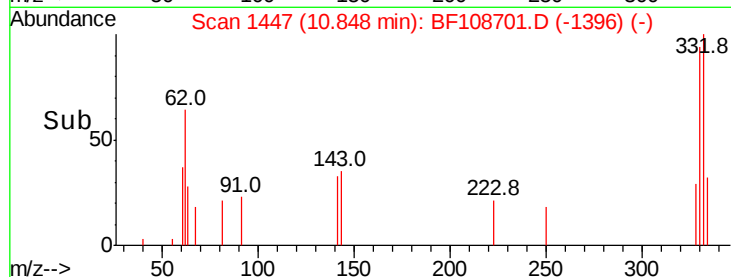
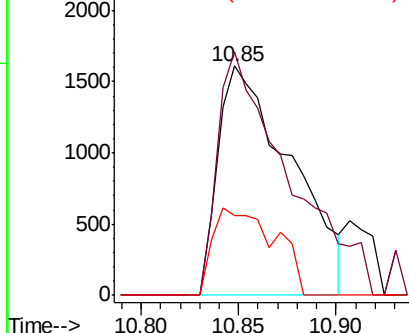
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	32.2	29.9	44.9

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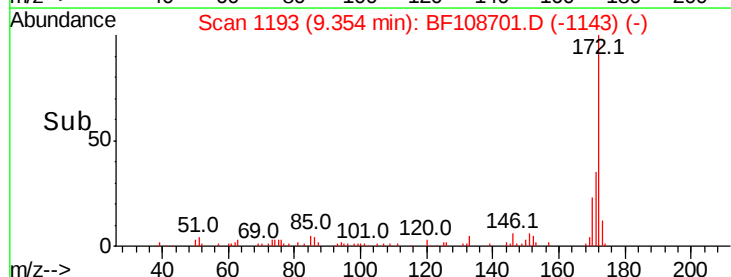
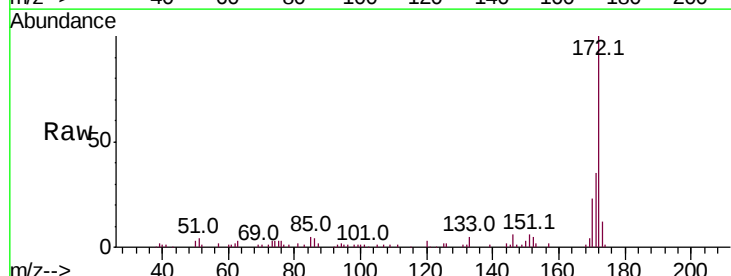
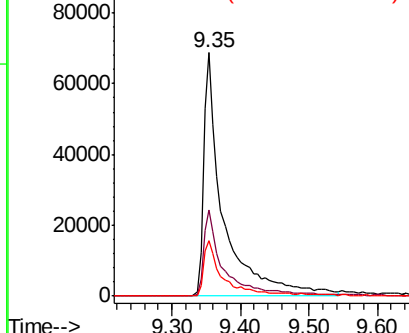
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

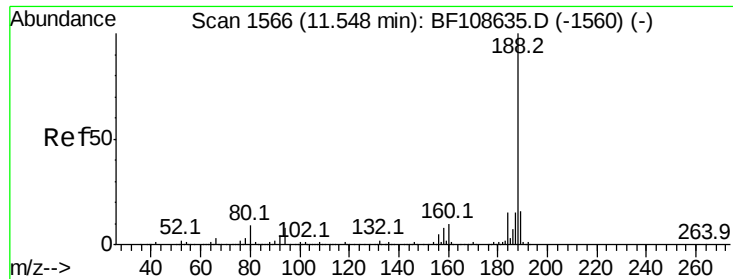


#44
 2-Fluorobiphenyl
 Concen: 13.902 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108701.D
 Acq: 31 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.7	19.6	29.4

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





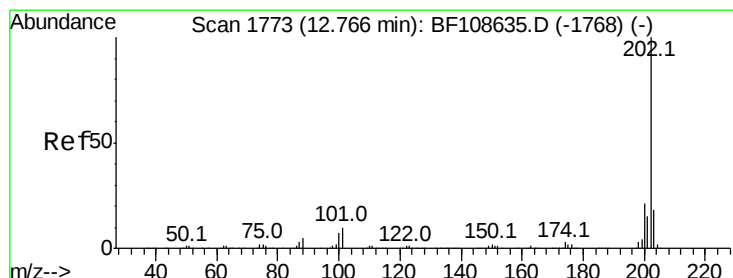
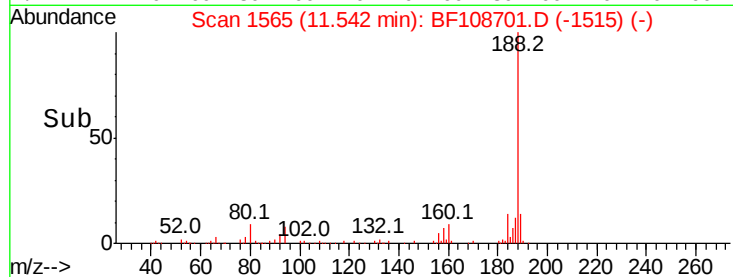
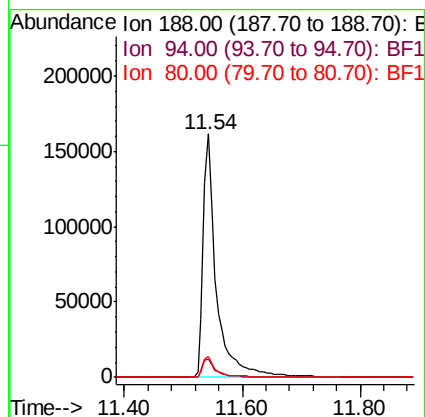
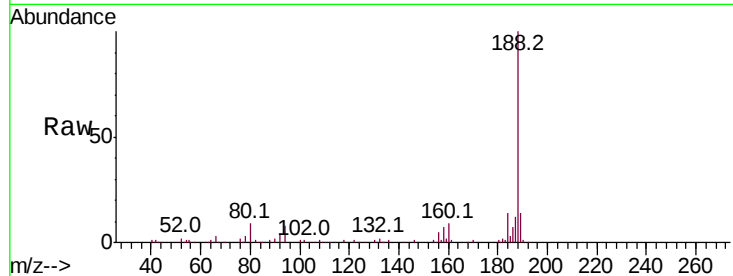
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	8.5	12.7#	
80	8.7	9.2	13.8#	

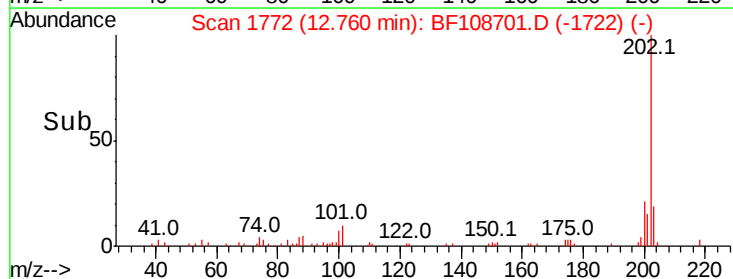
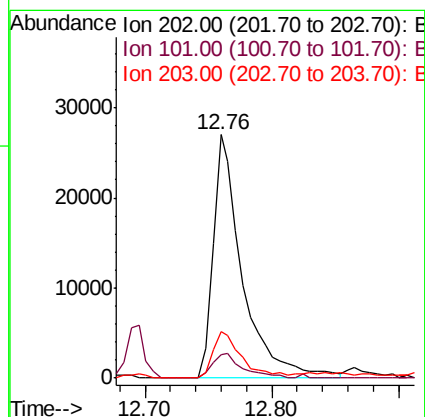
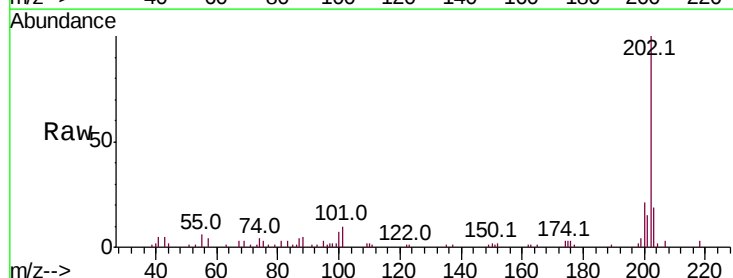
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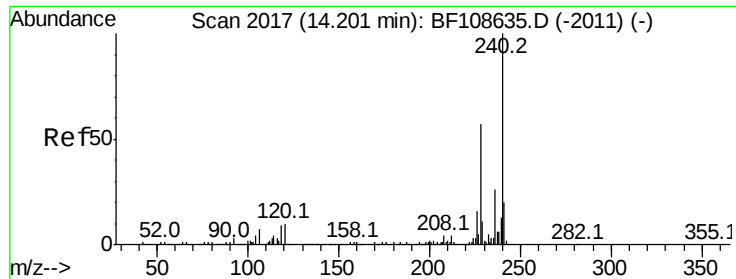
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#74
Fluoranthene
Concen: 3.042 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108701.D
Acq: 31 Aug 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.5	0.0	34.1	
203	19.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

Instrument :

BNA_F

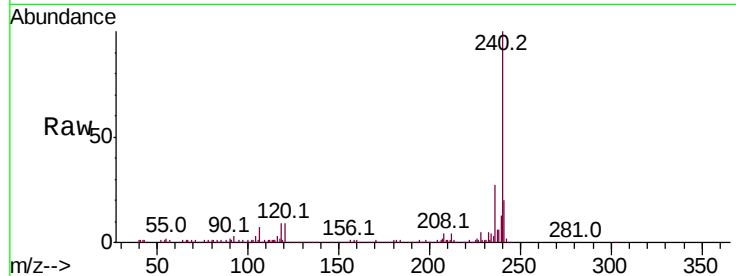
ClientSampleID :

BU-02-083018

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	27.0	20.7	31.1

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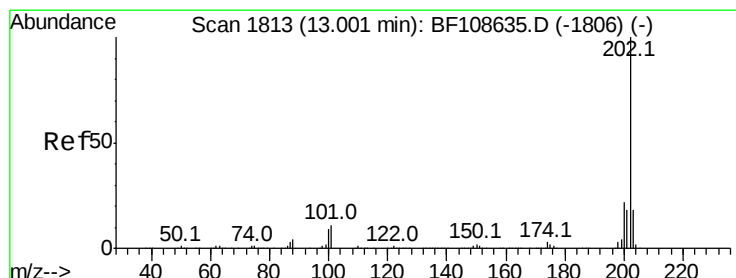
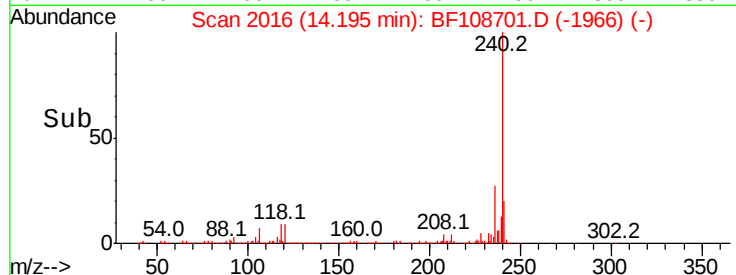
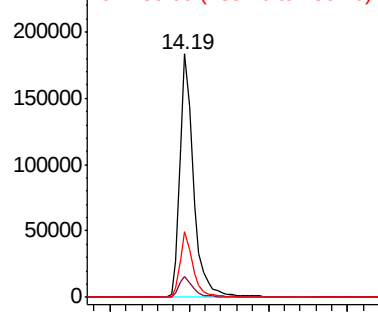


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.481 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

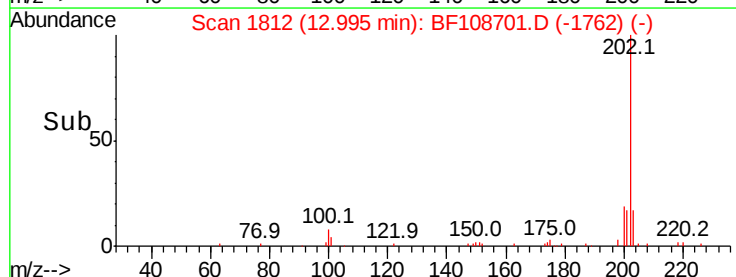
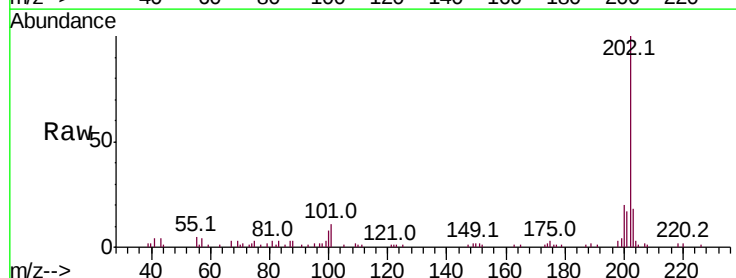
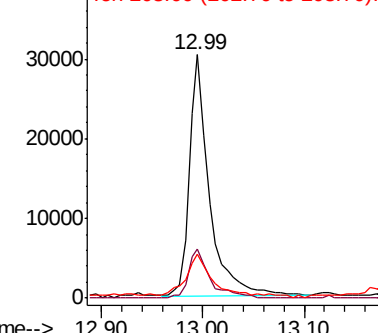
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.1	14.3	21.5

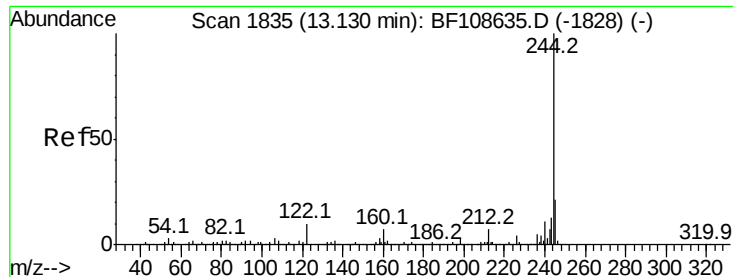
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





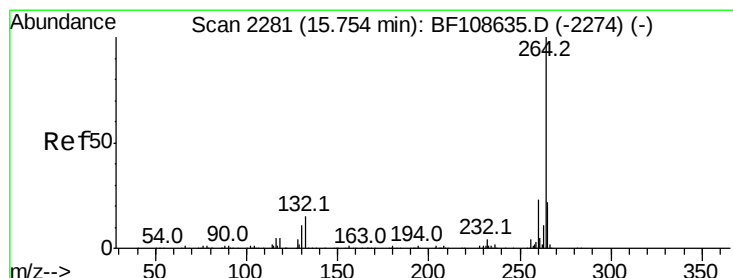
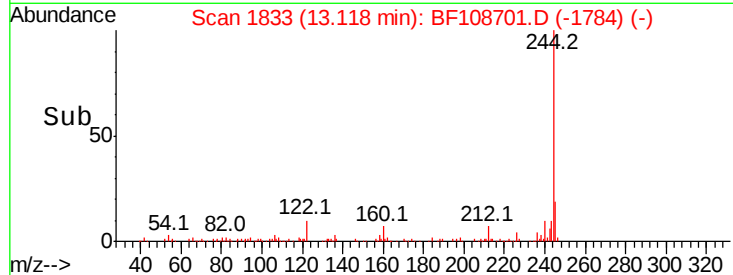
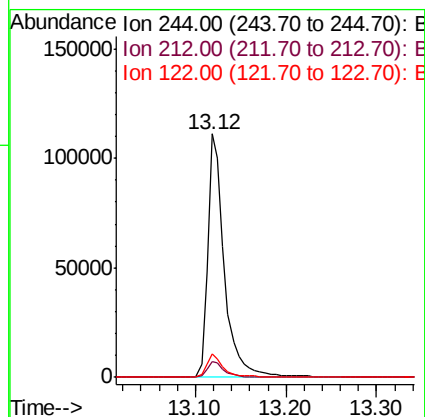
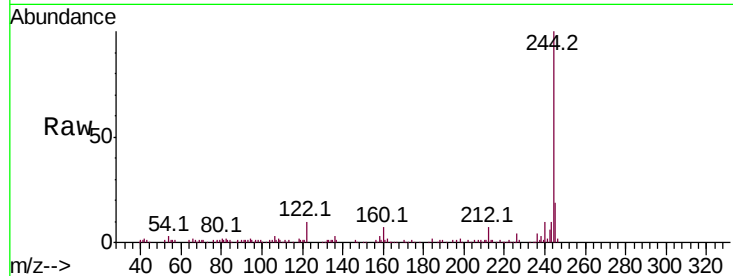
#78
 Terphenyl-d14
 Concen: 12.510 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108701.D
 Acq: 31 Aug 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

Tot Ion:	244	Resp:	143479
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	9.6	11.0	16.4

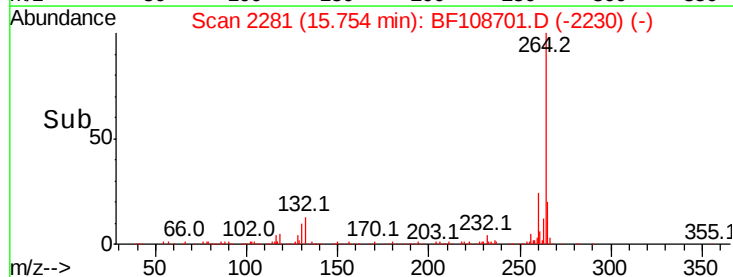
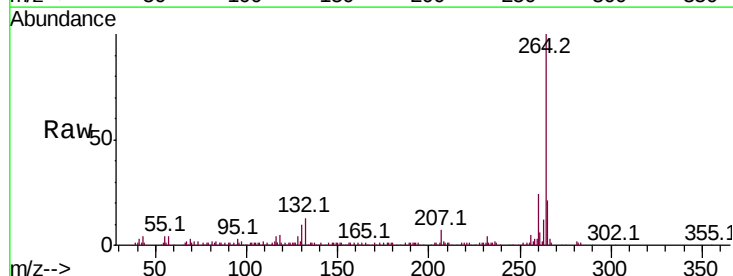
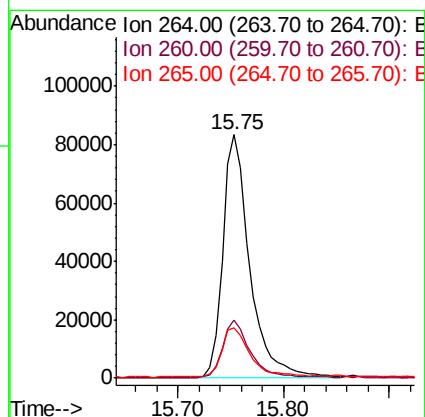
Manual Integrations
 APPROVED

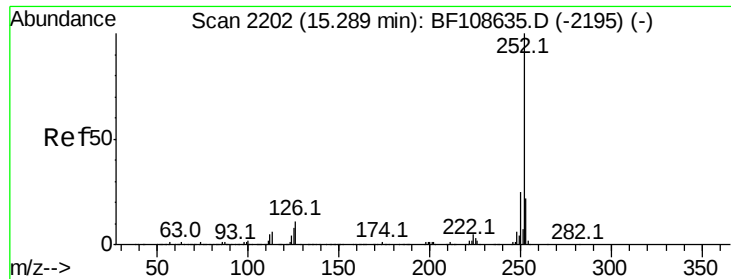
Sohil
 9/4/2018 3:53:31 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF108701.D
 Acq: 31 Aug 2018 20:44

Tgt Ion:	264	Resp:	148740
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.368 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

Instrument :

BNA_F

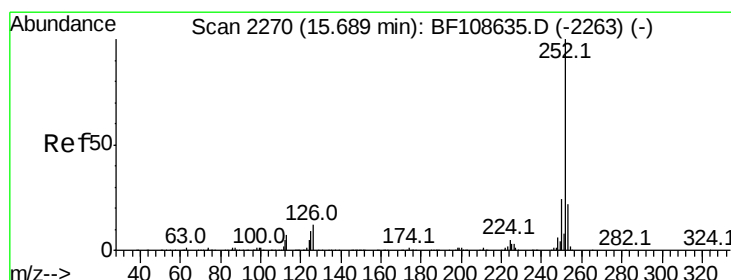
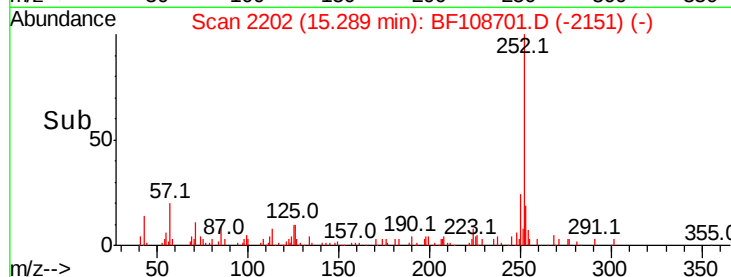
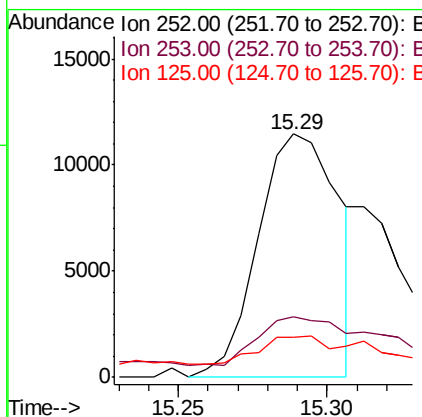
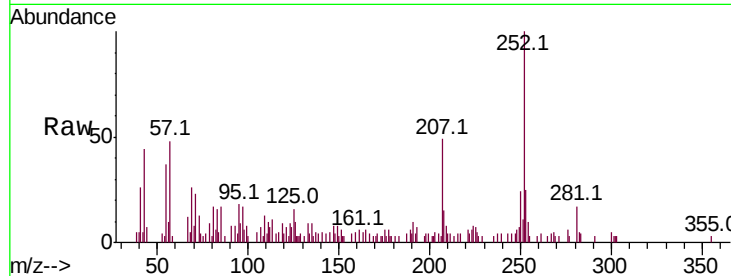
ClientSampleId :

BU-02-083018

Tot Ion:	252	Resp:	21638
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.6
125	16.3	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:31 PM



#89

Benzo(a)pyrene

Concen: 2.089 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108701.D

Acq: 31 Aug 2018 20:44

Tgt Ion:	252	Resp:	17248
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.1	25.7#
125	19.8	9.8	14.6#

