

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108747.D
 Acq On : 4 Sep 2018 18:07
 Operator : JU/SJ
 Sample : J4270-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:39 PM

Quant Time: Sep 05 05:12:43 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	80951	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	346032	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	167645	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	348018	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	265997	20.00	ng	-0.01
86) Perylene-d12	15.74	264	195710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	44992m	9.66	ng	0.02
7) Phenol-d6	6.65	99	101576	15.22	ng	0.00
23) Nitrobenzene-d5	7.58	82	75117m	11.02	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	7072	3.20	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	159691	12.81	ng	-0.02
78) Terphenyl-d14	13.11	244	198880	14.53	ng	-0.02
Target Compounds						
74) Fluoranthene	12.75	202	61214	3.096	ng	93
77) Pyrene	12.98	202	55948	2.798	ng	97
87) Benzo(b)fluoranthene	15.28	252	26104m	2.171	ng	

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

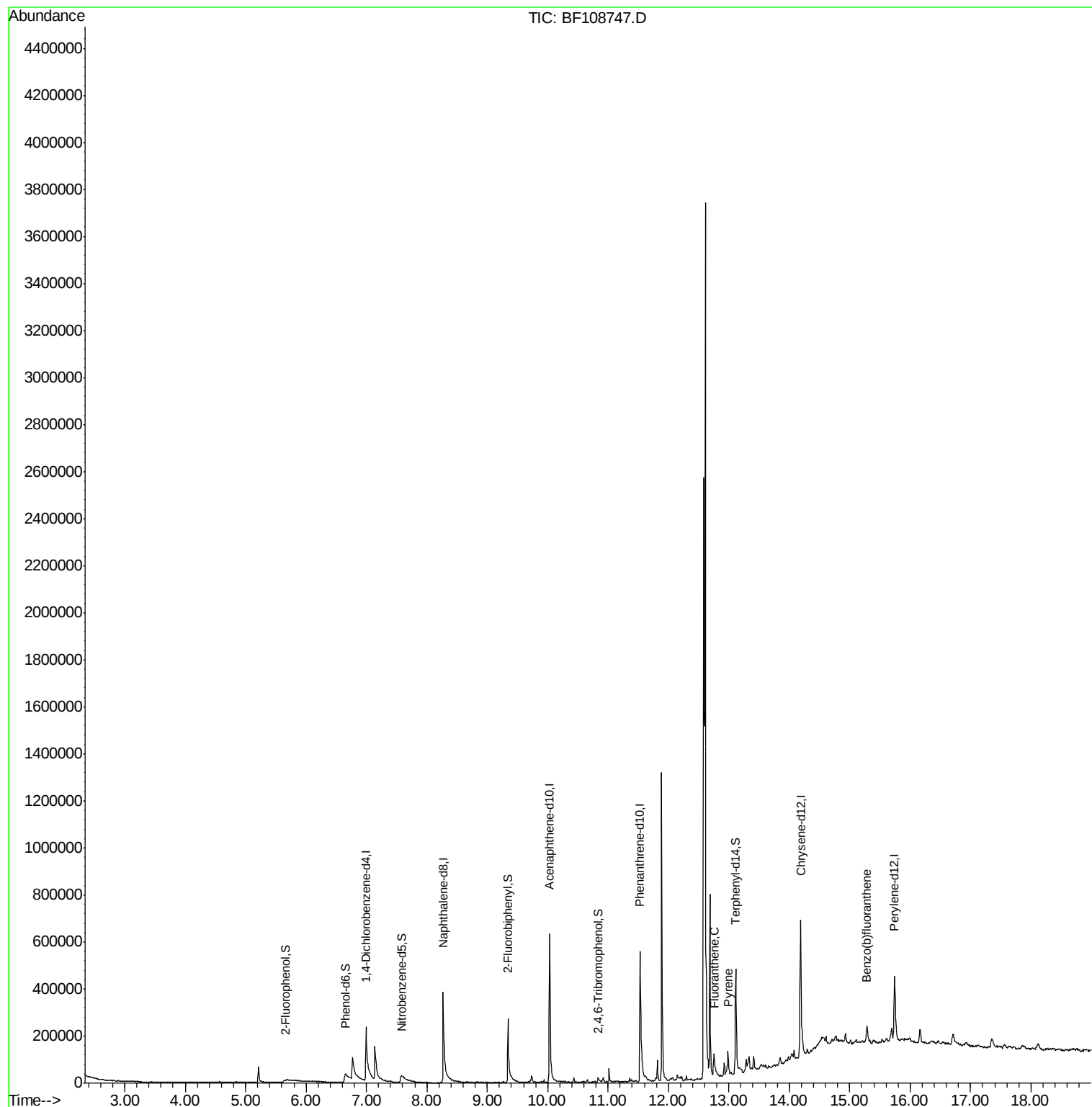
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108747.D
Acq On : 4 Sep 2018 18:07
Operator : JU/SJ
Sample : J4270-05 5X
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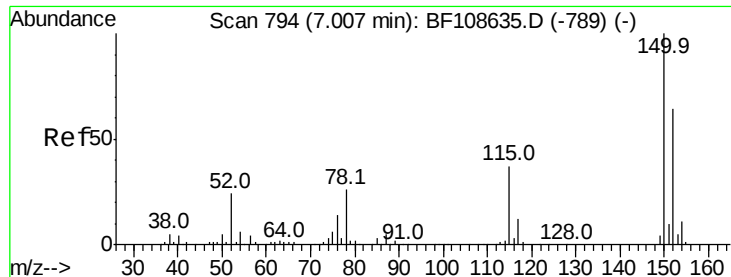
Instrument :
BNA_F
ClientSampleId :
BU-02-083018

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#1

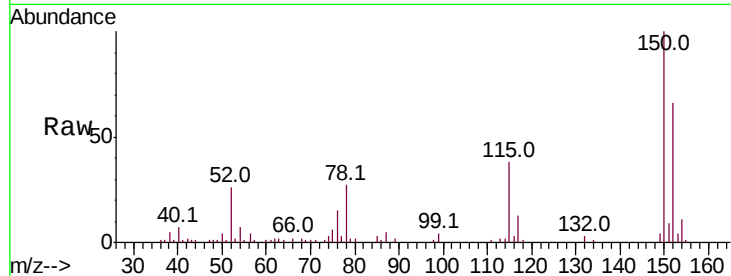
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	57.2	50.1	75.1

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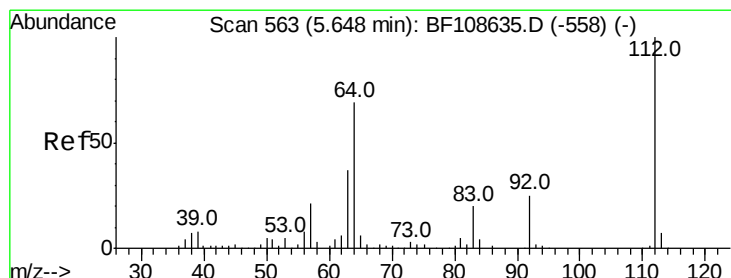
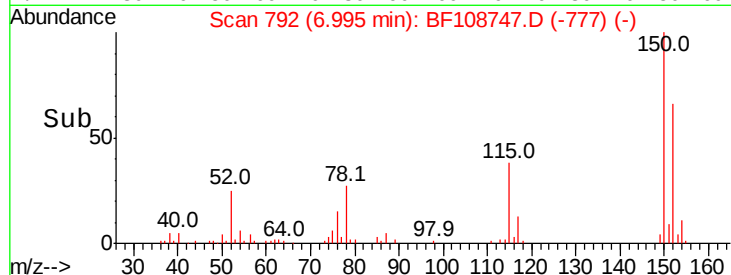
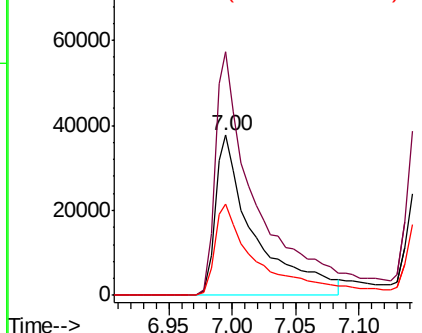


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

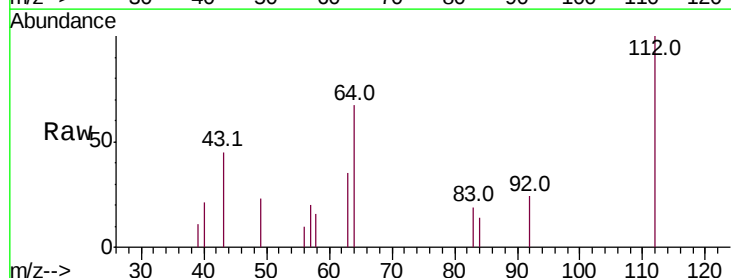
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 9.655 ng m
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	35.3	23.7	35.5

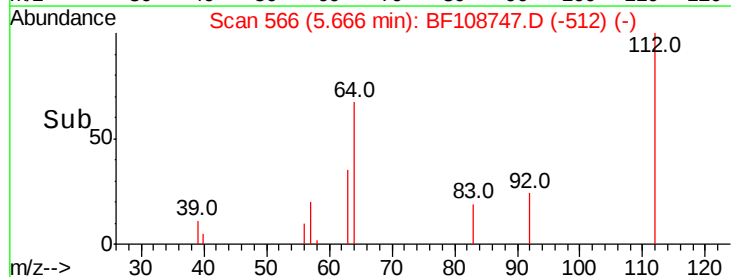
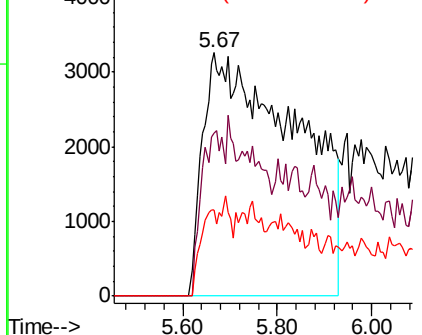


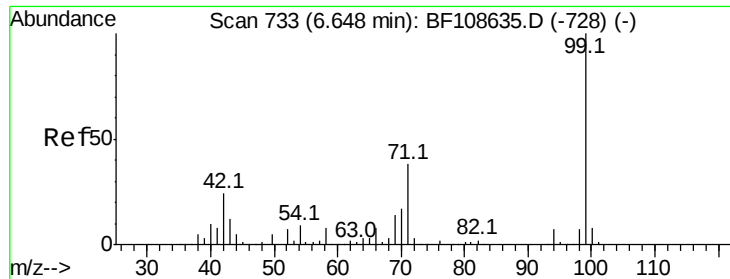
Abundance

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: 15.219 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Instrument :

BNA_F

ClientSampleId :

BU-02-083018

Tot Ion: 99 Resp: 101576

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

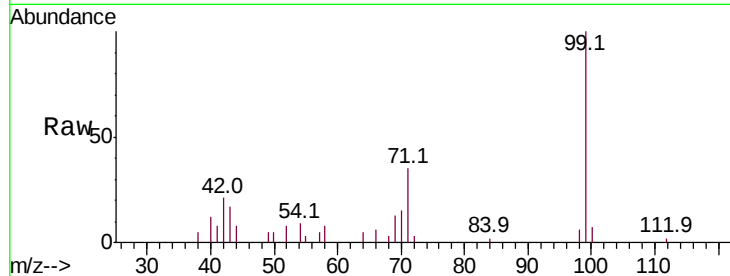
71 35.2 25.4 38.0

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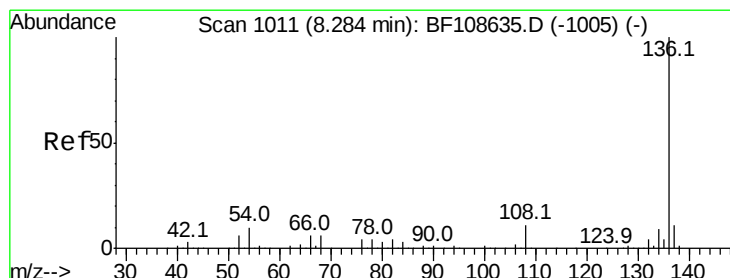
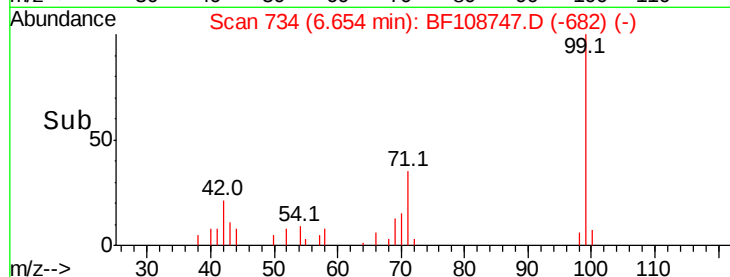
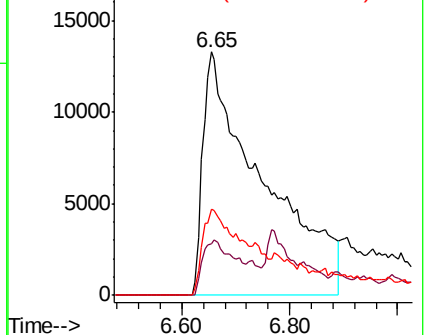
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Tgt Ion: 136 Resp: 346032

Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.0 6.6 9.8#

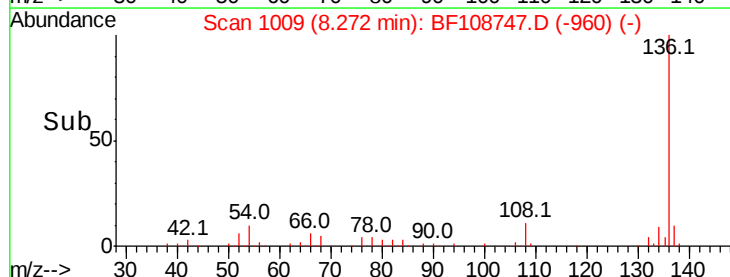
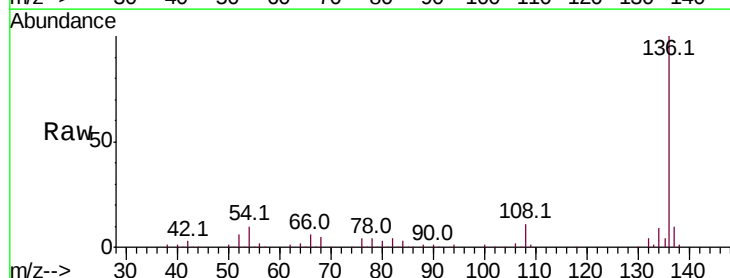
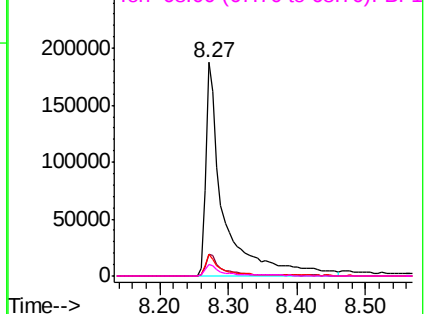
68 5.4 5.0 7.4

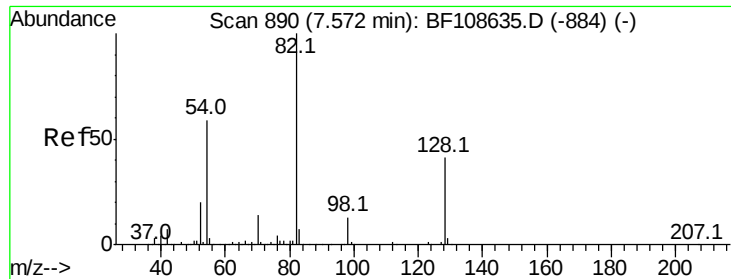
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





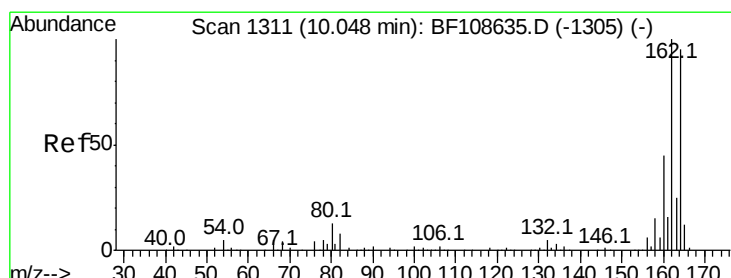
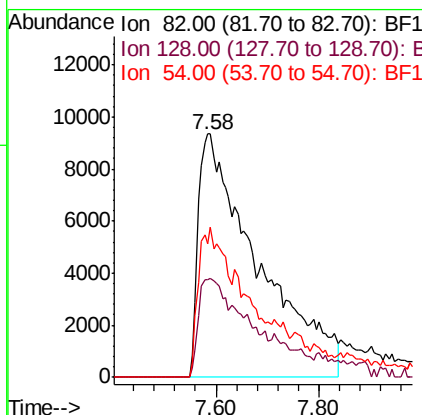
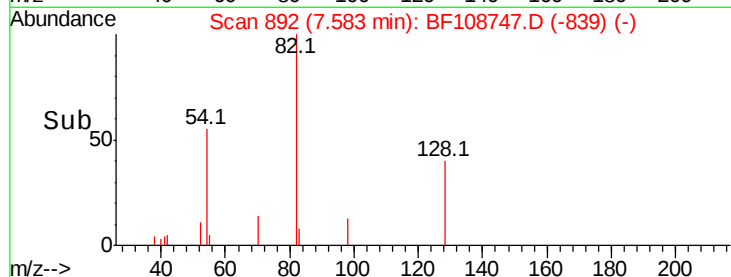
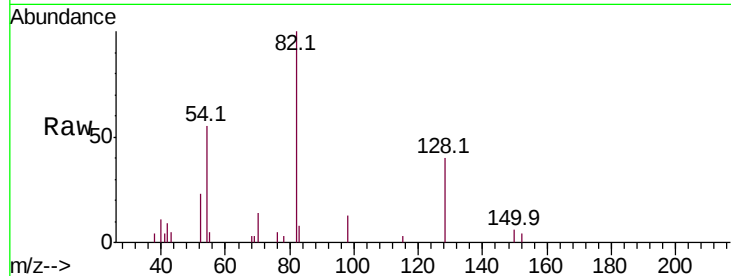
#23
Nitrobenzene-d5
Concen: 11.019 ng m
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	54.8	41.4	62.2

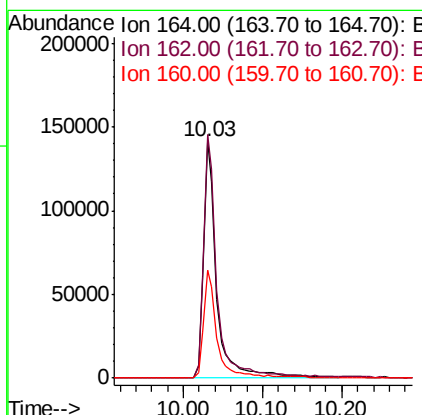
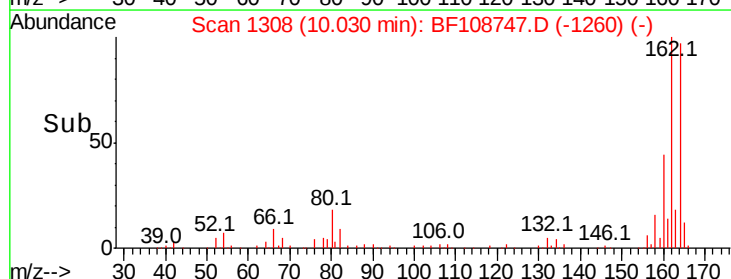
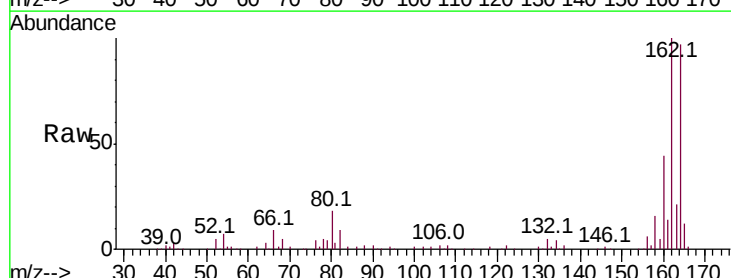
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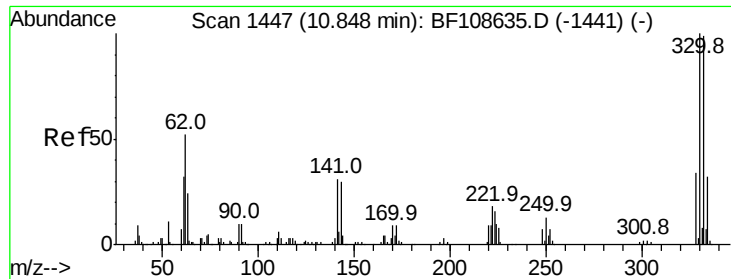
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.4	38.3	57.5





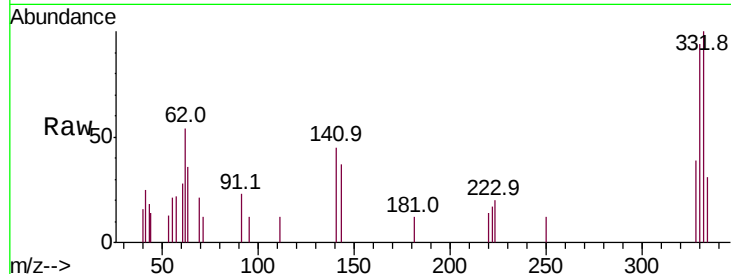
#41
 2,4,6-Tribromophenol
 Concen: 3.195 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108747.D
 Acq: 4 Sep 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

Tot Ion	Ratio	Lower	Upper
330	100		
332	88.7	77.0	115.6
141	37.6	29.9	44.9

Manual Integrations
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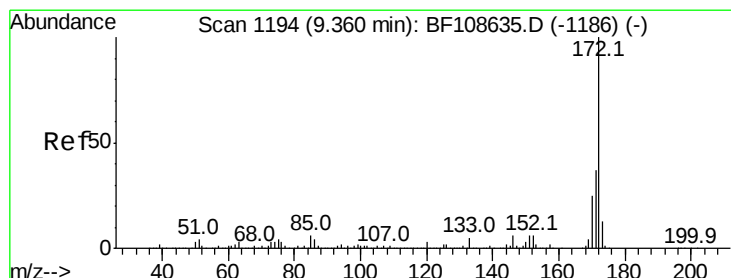
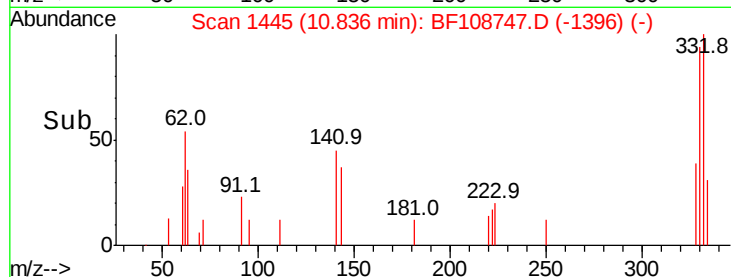
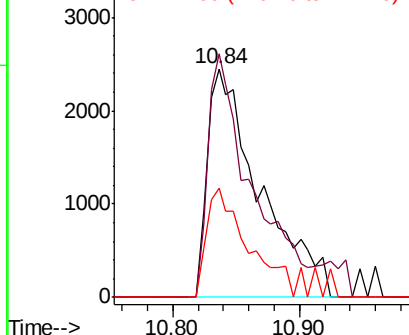


Abundance

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: 12.808 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108747.D
 Acq: 4 Sep 2018 18:07

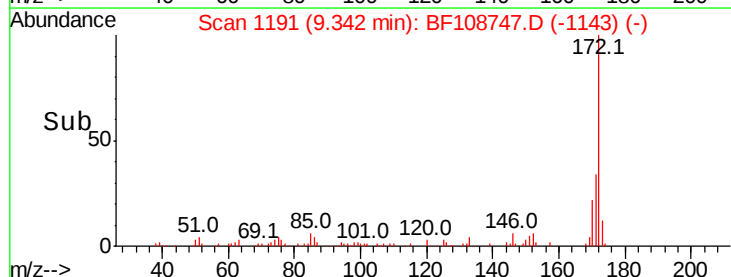
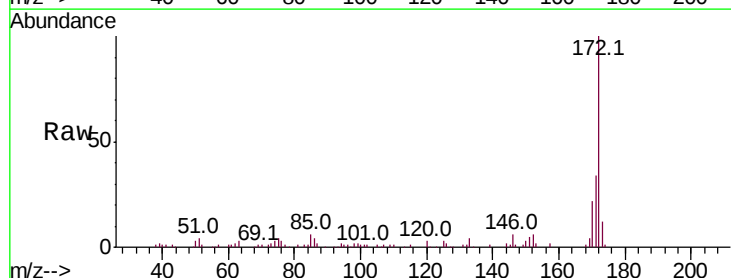
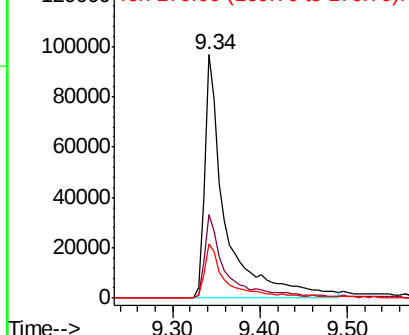
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.1	19.6	29.4

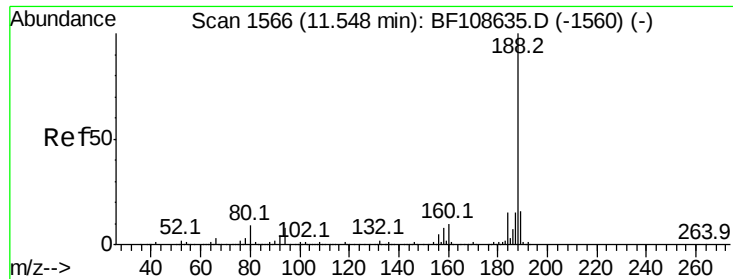
Abundance

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





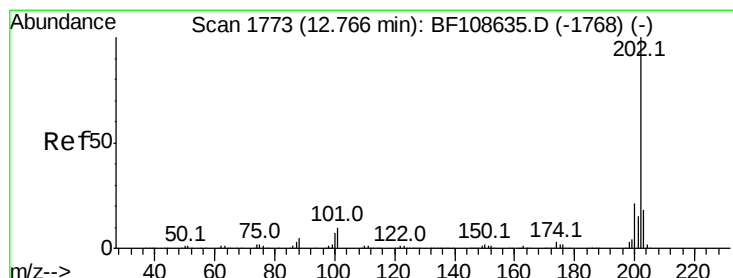
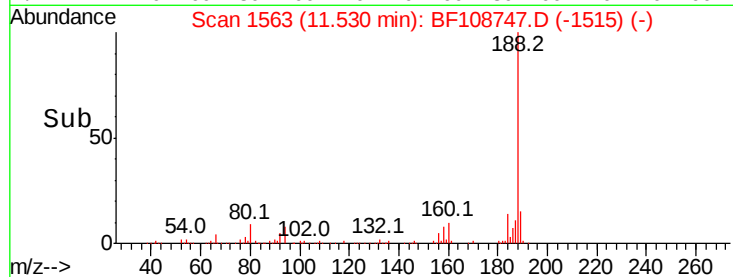
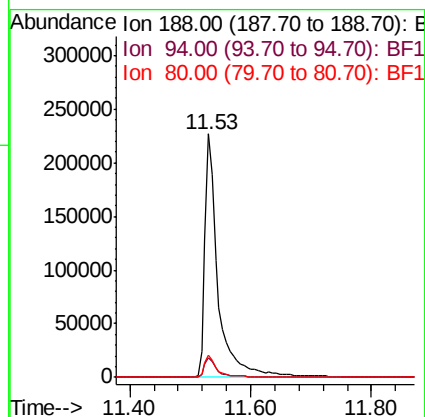
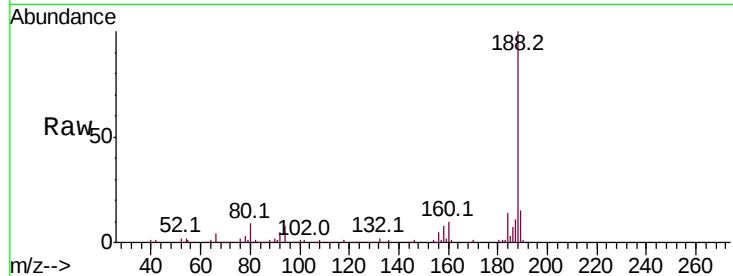
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.0	9.2	13.8#

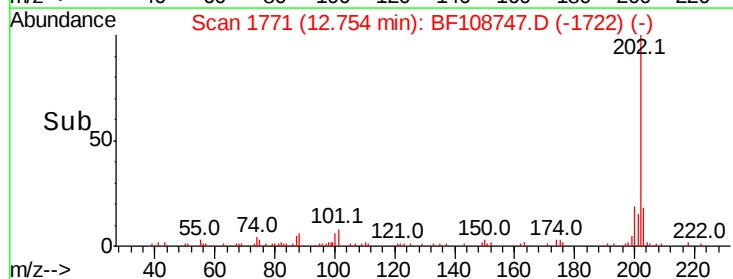
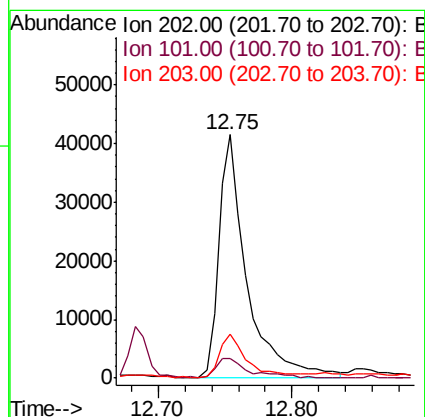
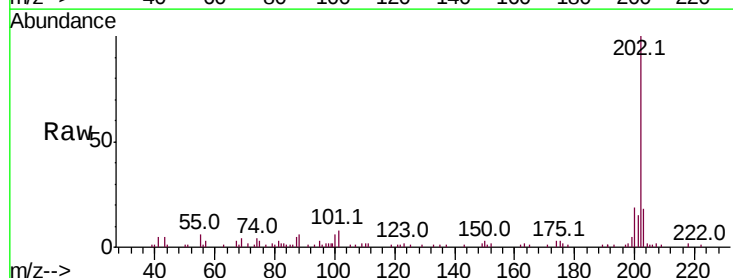
Manual Integrations
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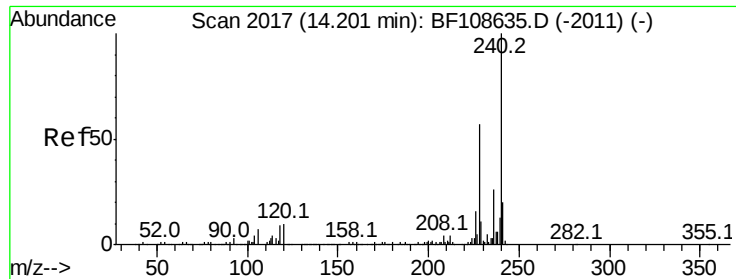
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#74
Fluoranthene
Concen: 3.096 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108747.D
Acq: 4 Sep 2018 18:07

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Instrument :

BNA_F

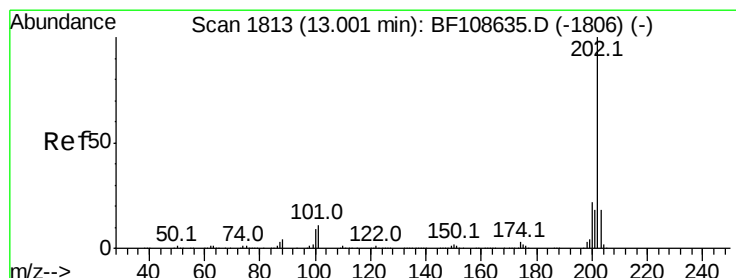
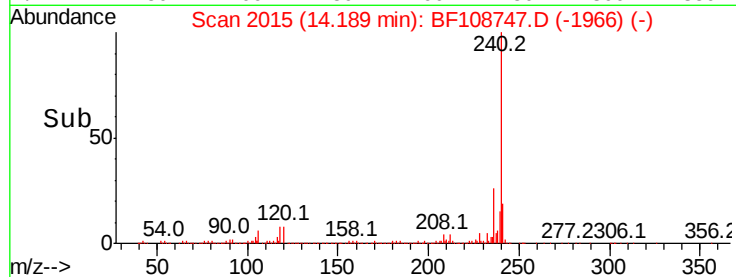
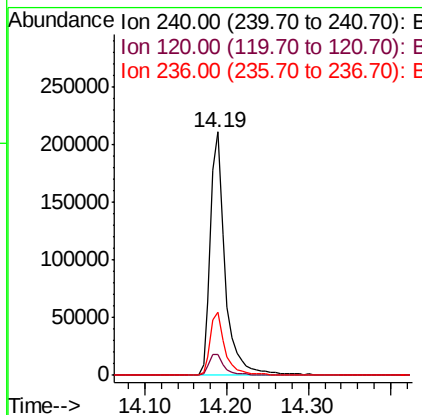
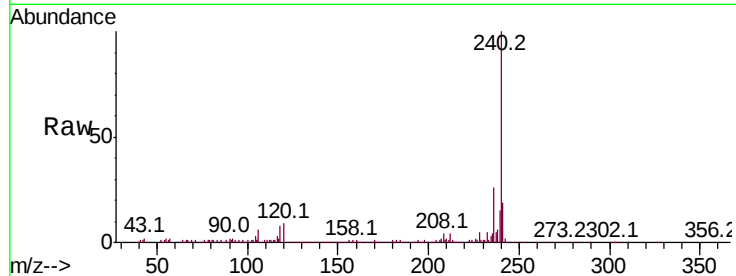
ClientSampleId :

BU-02-083018

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 2.798 ng

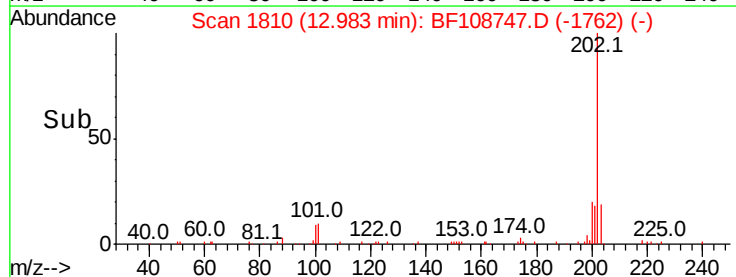
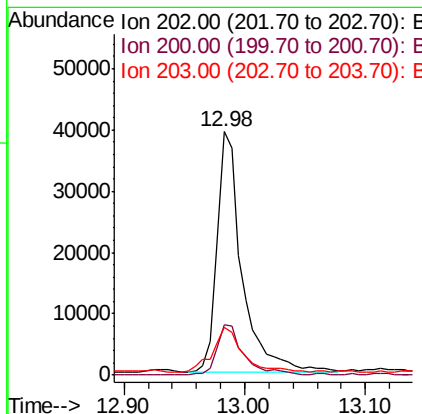
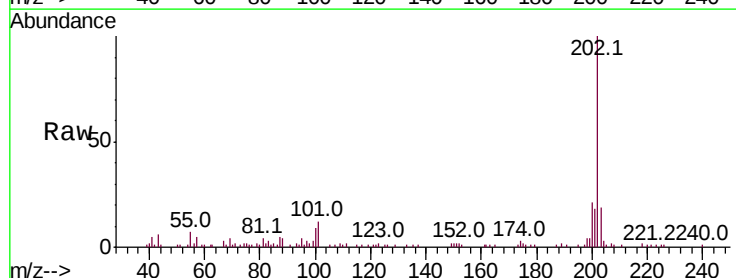
RT: 12.98 min Scan# 1810

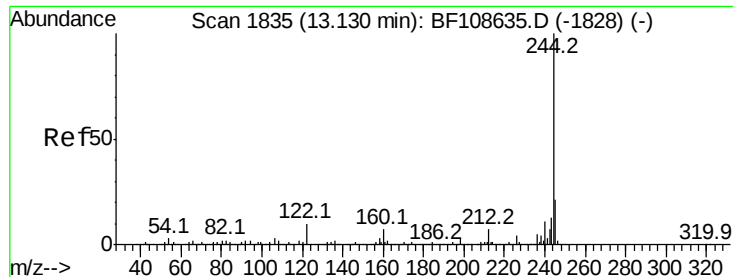
Delta R.T. -0.02 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.4	14.3	21.5





#78

Terphenyl-d14

Concen: 14.527 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Instrument :

BNA_F

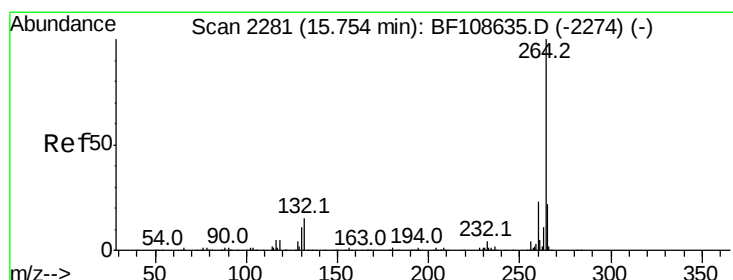
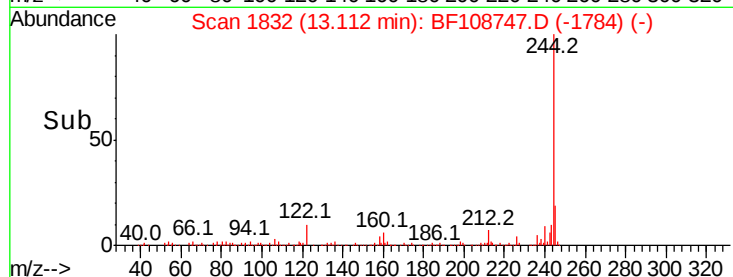
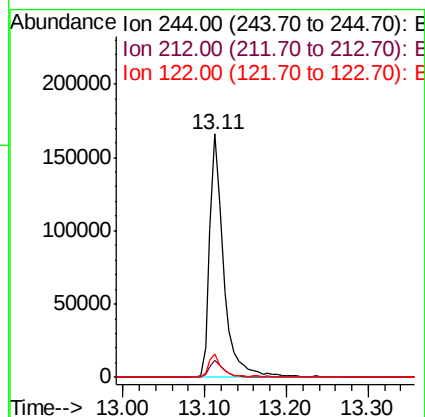
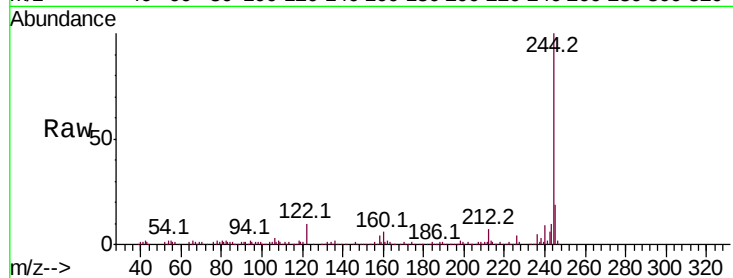
ClientSampleId :

BU-02-083018

Tot Ion:	244	Resp:	198880
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	9.6	11.0	16.4

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#86

Perylene-d12

Concen: 20.000 ng

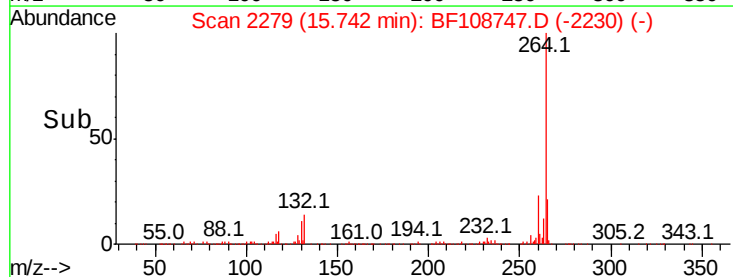
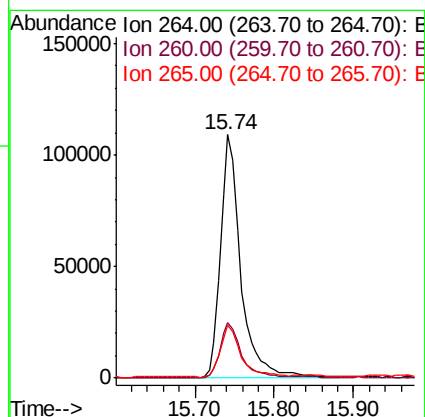
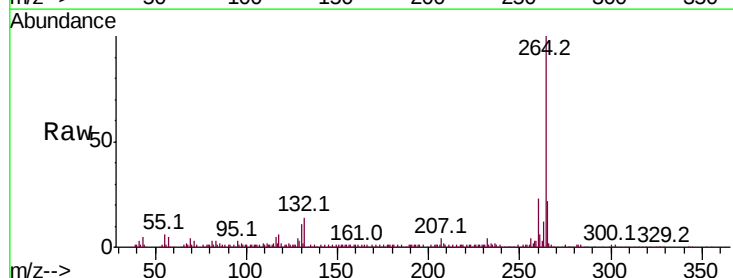
RT: 15.74 min Scan# 2279

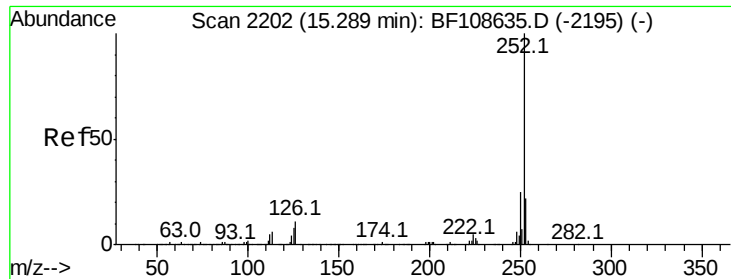
Delta R.T. -0.01 min

Lab File: BF108747.D

Acq: 4 Sep 2018 18:07

Tgt Ion:	264	Resp:	195710
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3





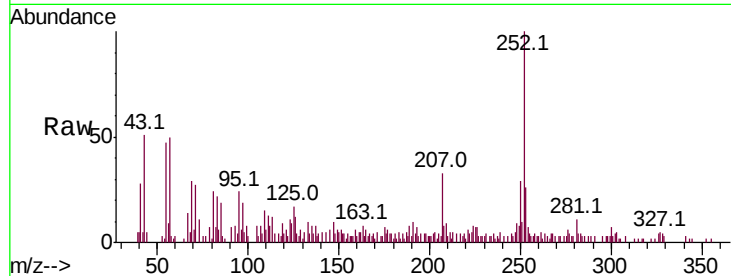
#87
 Benzo(b)fluoranthene
 Concen: 2.171 ng m
 RT: 15.28 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BF108747.D
 Acq: 4 Sep 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-083018

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	17.5	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:39 PM



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

