

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108735.D
 Acq On : 4 Sep 2018 12:47
 Operator : JU/SJ
 Sample : J4712-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Manual Integrations
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 9/5/2018 12:47:11 PM

Quant Time: Sep 04 14:46:43 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	6.99	152	103594	20.00	ng	-0.02
21) Naphthalene-d8	8.27	136	412988	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	188706	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	325470	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	284183	20.00	ng	-0.02
86) Perylene-d12	15.74	264	285441	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	635825	106.62	ng	-0.02
7) Phenol-d6	6.62	99	936405	109.64	ng	-0.02
23) Nitrobenzene-d5	7.55	82	638090	78.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	173994	69.84	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	1110116	79.10	ng	-0.02
78) Terphenyl-d14	13.11	244	866610	59.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	175149	11.787	ng	Qvalue # 99
74) Fluoranthene	12.75	202	63204	3.418	ng	98
77) Pyrene	12.98	202	71812	3.362	ng	99
82) Chrysene	14.21	228	34089	2.046	ng	95
87) Benzo(b)fluoranthene	15.28	252	42258m	2.410	ng	
89) Benzo(a)pyrene	15.68	252	32844	2.073	ng	# 87

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

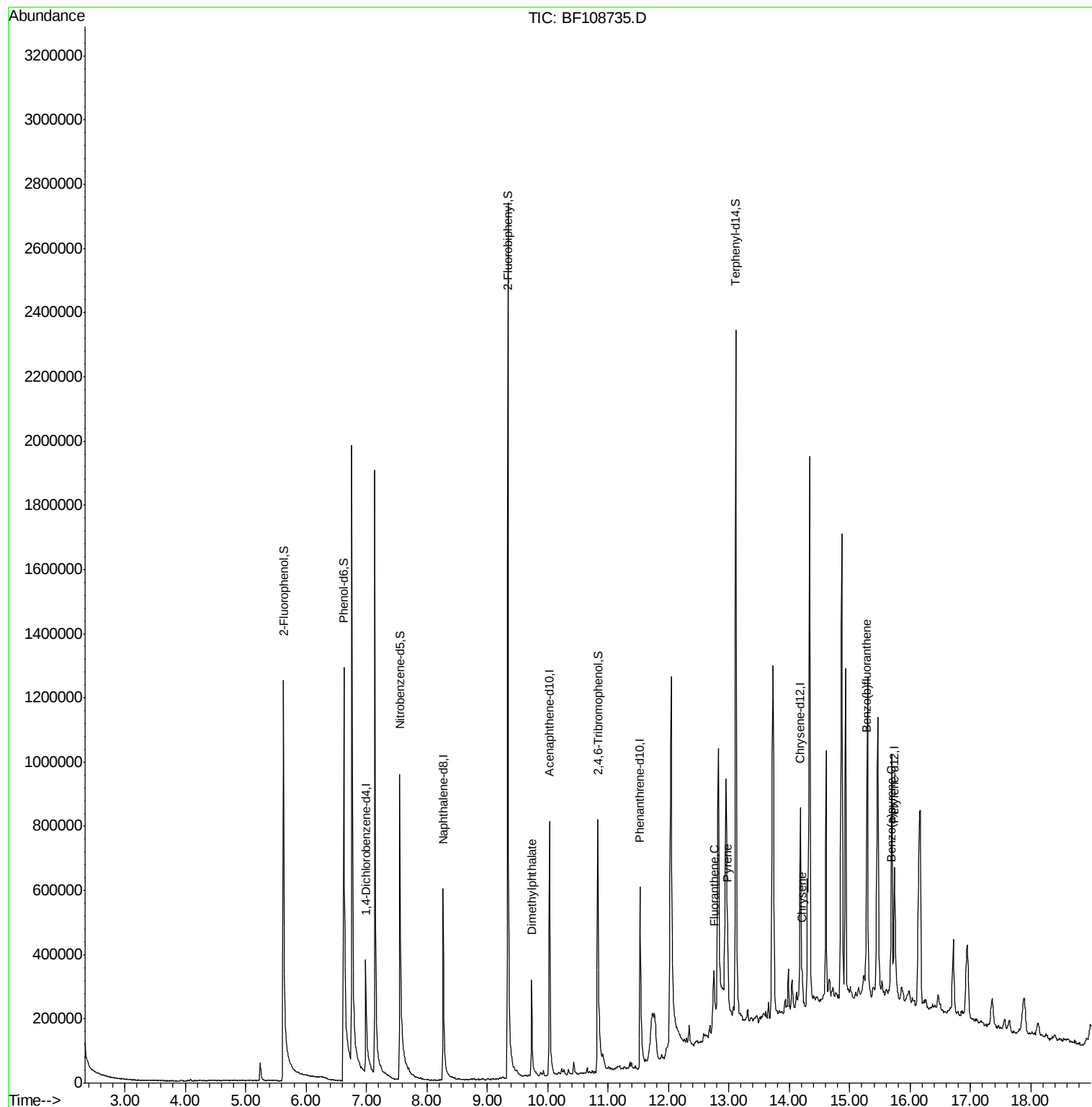
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108735.D
Acq On : 4 Sep 2018 12:47
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Sample : J4712-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

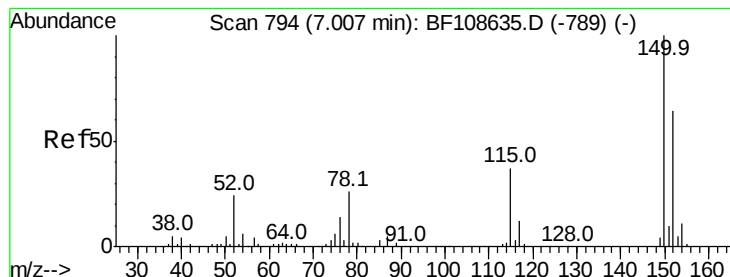
Instrument :
BNA_F
ClientSampleId :
SB-02

Quant Time: Sep 04 14:46:43 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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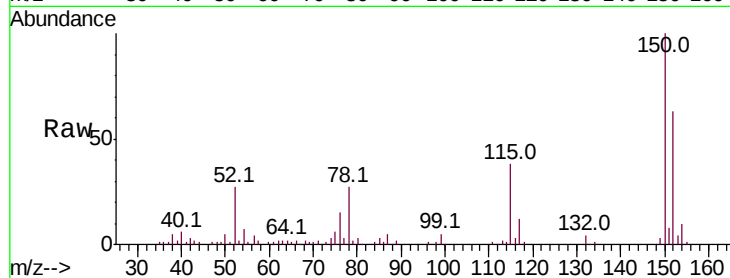
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.6	50.1	75.1

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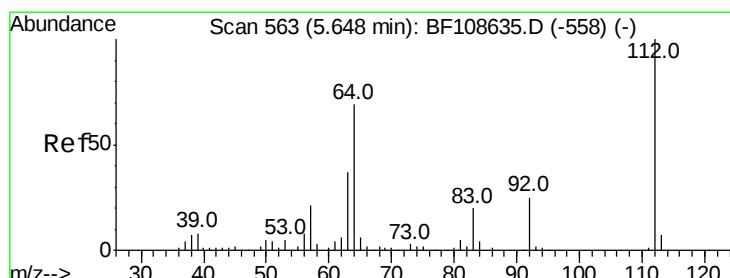
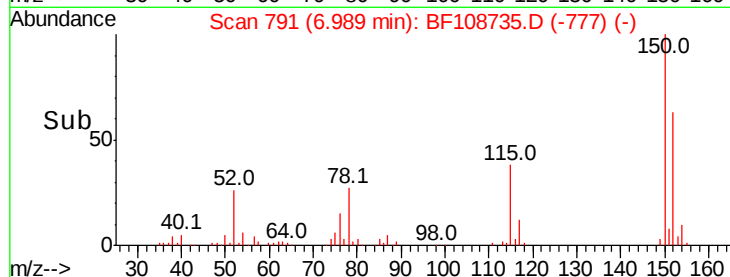
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

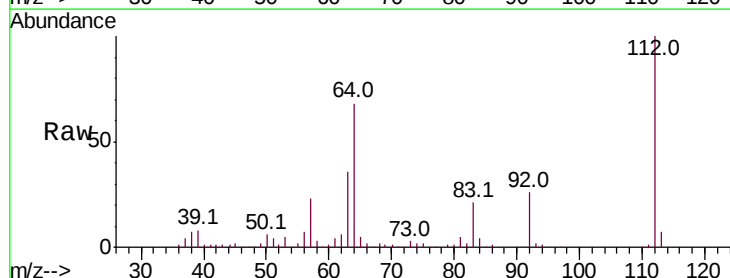
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 106.624 ng
 RT: 5.62 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	36.2	23.7	35.5#



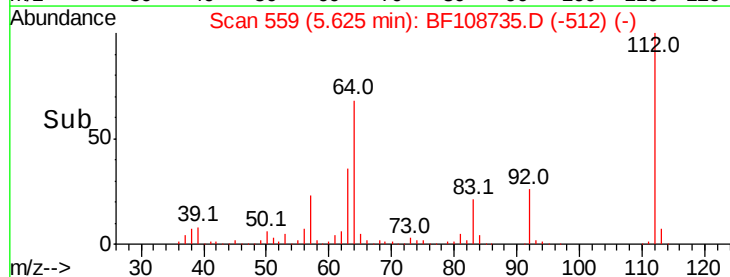
Abundance

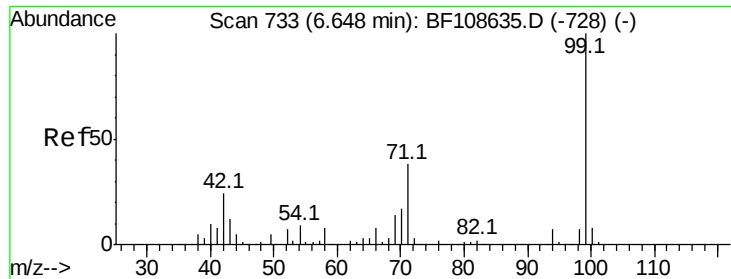
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 109.637 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Instrument :

BNA_F

ClientSampled :

SB-02

Tot Ion: 99 Resp: 936405

Ion Ratio Lower Upper

99 100

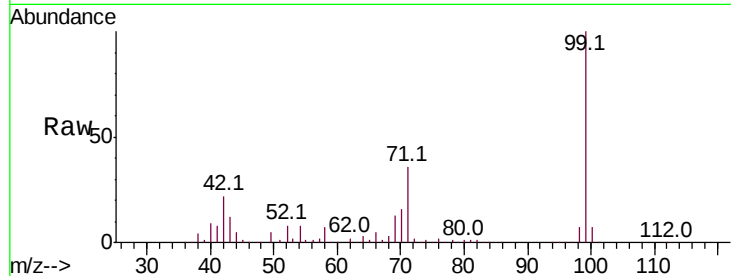
42 22.1 14.5 21.7#

71 36.2 25.4 38.0

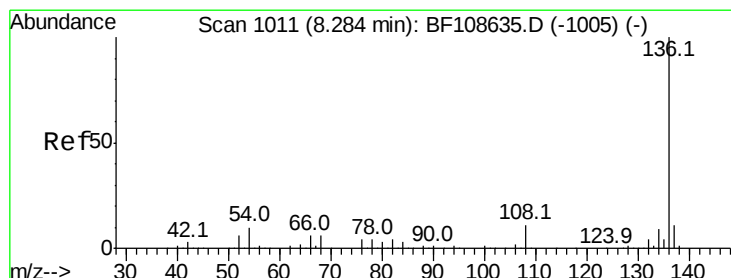
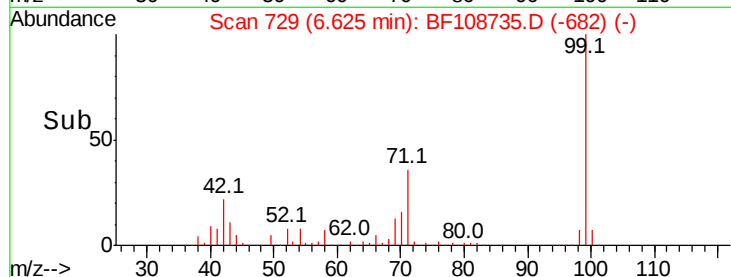
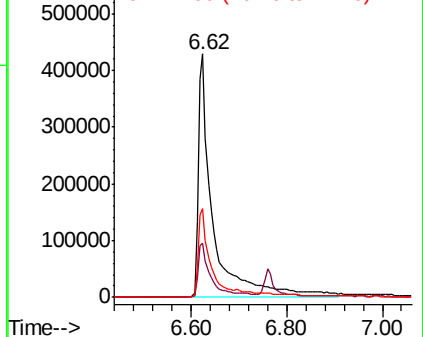
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Tgt Ion: 136 Resp: 412988

Ion Ratio Lower Upper

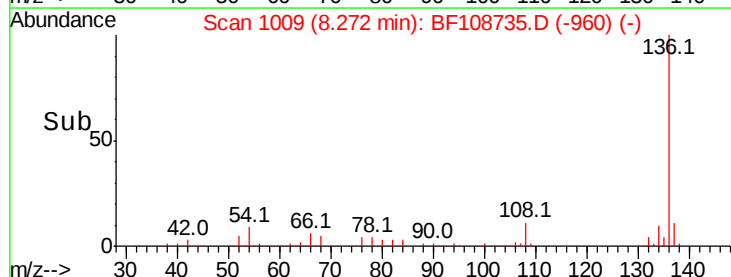
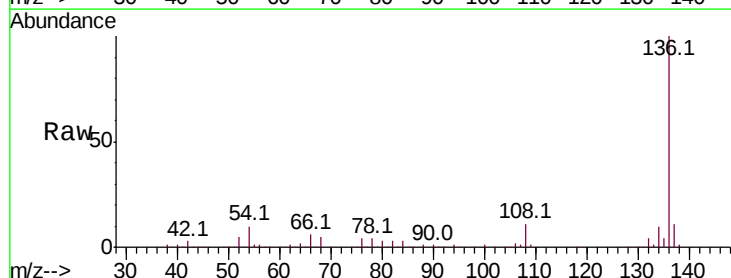
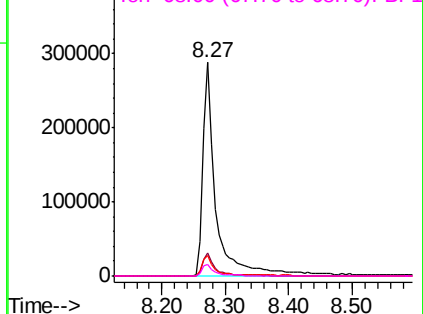
136 100

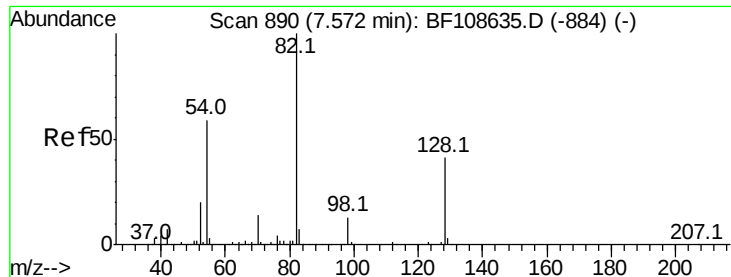
137 10.8 8.9 13.3

54 9.5 6.6 9.8

68 5.1 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: 78.425 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Instrument :

BNA_F

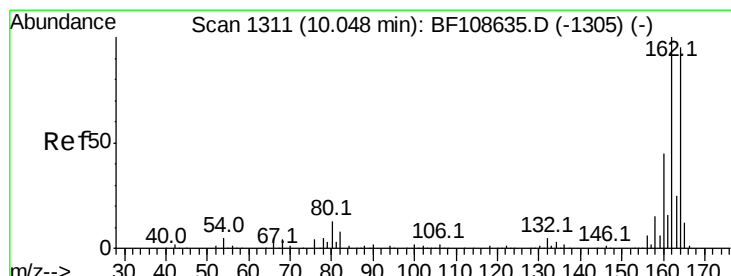
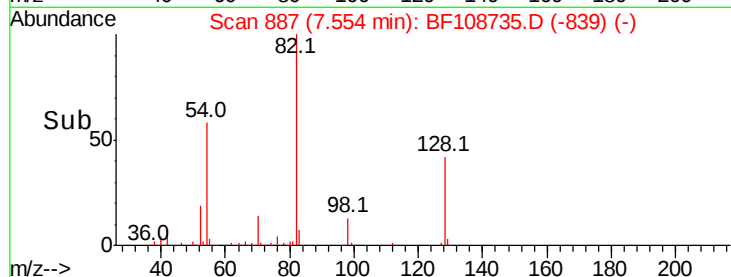
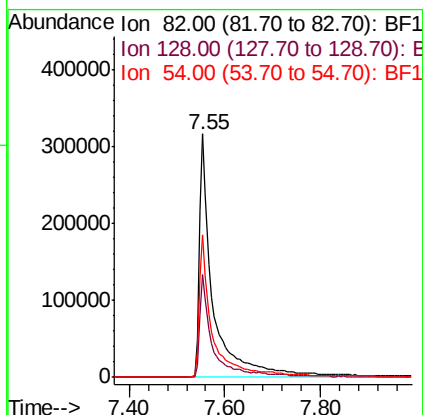
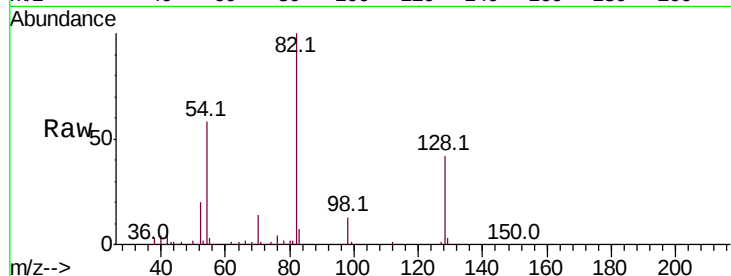
ClientSampled :

SB-02

Tot Ion:	82	Resp:	638090
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	58.4	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

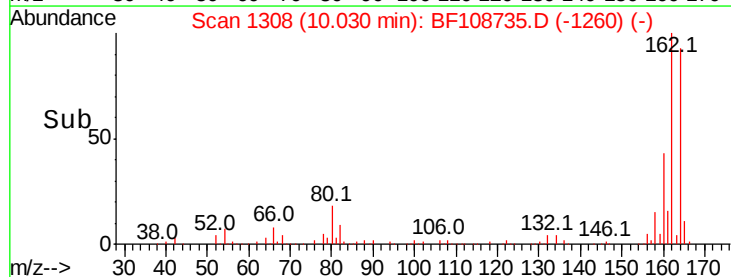
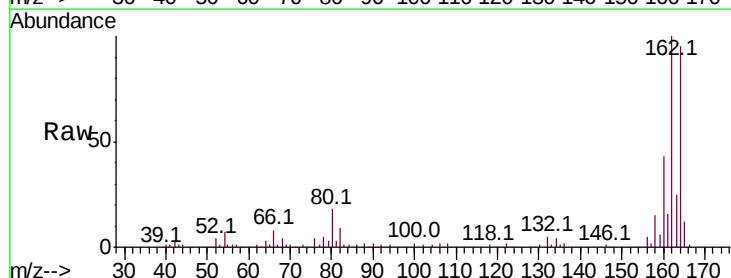
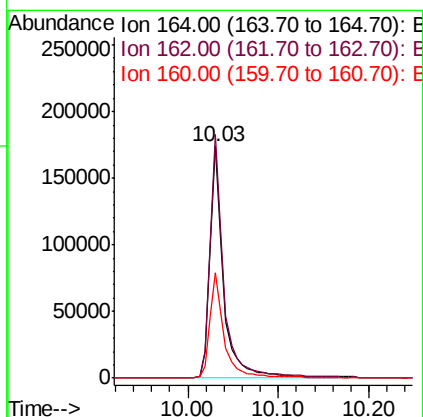
RT: 10.03 min Scan# 1308

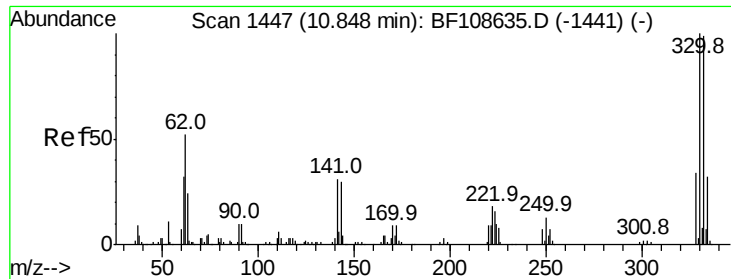
Delta R.T. -0.02 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Tgt Ion:	164	Resp:	188706
Ion Ratio	Lower	Upper	
164	100		
162	105.0	86.1	129.1
160	45.3	38.3	57.5





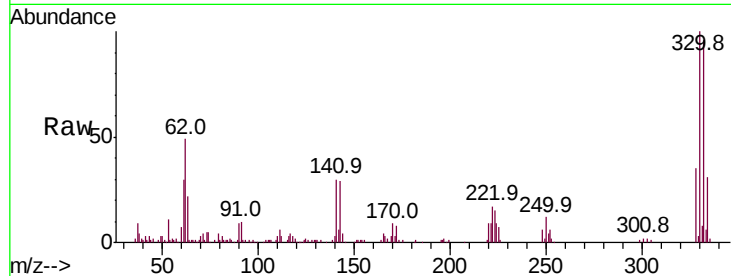
#41
 2,4,6-Tribromophenol
 Concen: 69.845 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Instrument :
 BNA_F
 ClientSampled :
 SB-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173994		
332	94.4	77.0	115.6	
141	33.7	29.9	44.9	

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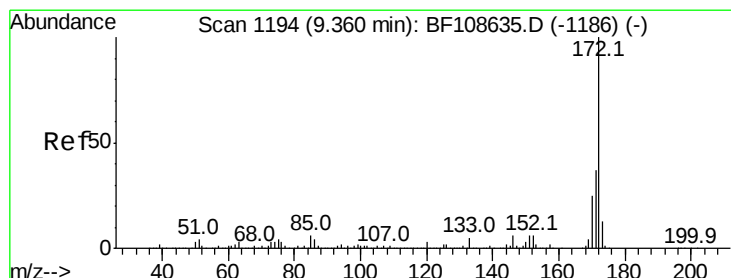
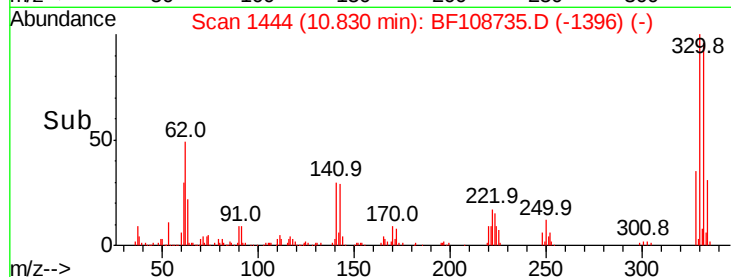
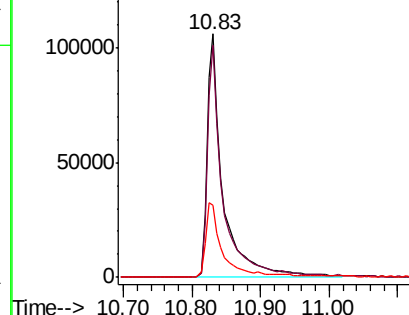


Abundance

Ion 329.80 (329.50 to 330.50): E

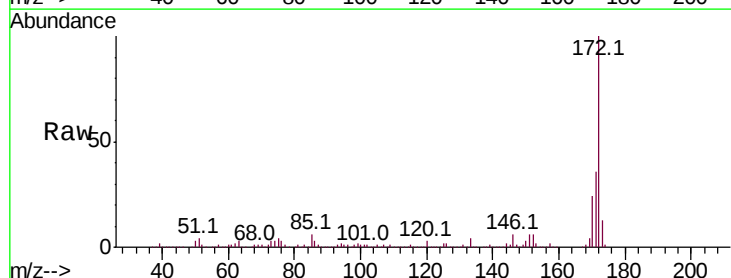
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.098 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1110116		
171	36.0	29.7	44.5	
170	24.3	19.6	29.4	

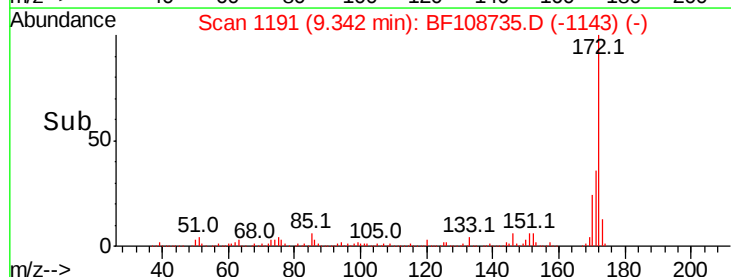
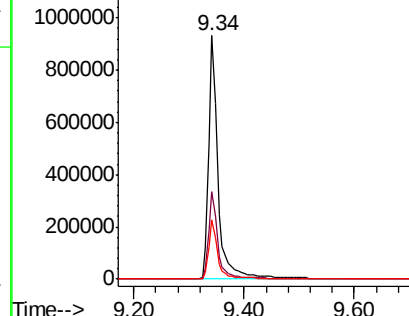


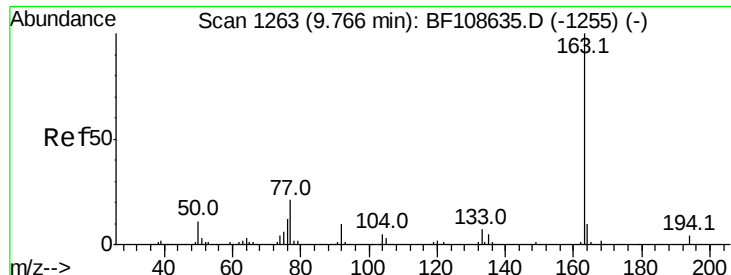
Abundance

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





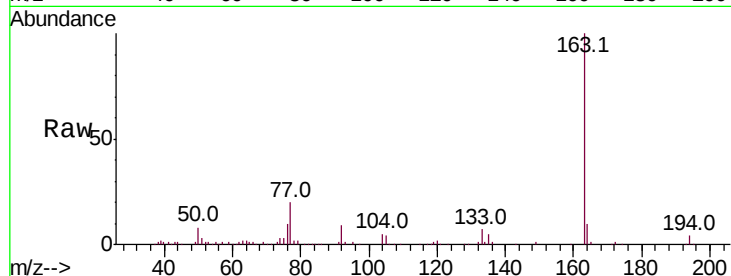
#49
 Dimethylphthalate
 Concen: 11.787 ng
 RT: 9.74 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Instrument :
 BNA_F
 ClientSampled :
 SB-02

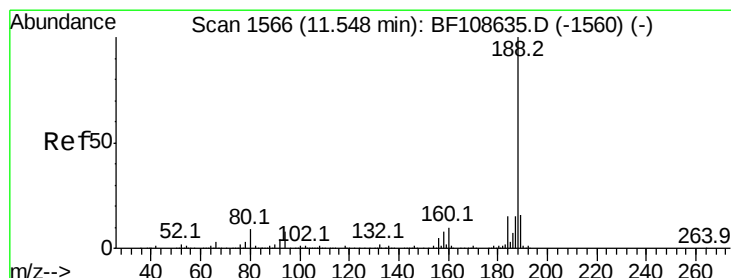
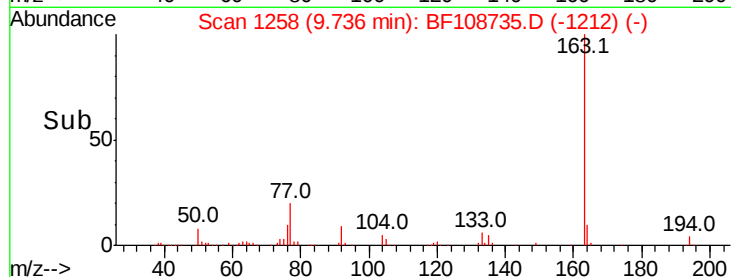
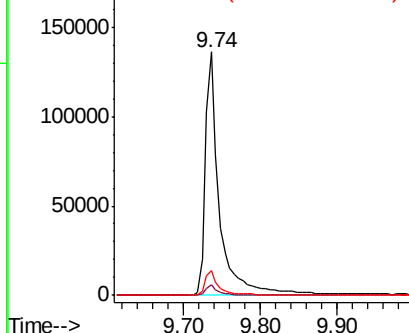
Tot Ion	Ratio	Resp	Lower	Upper
163	100	175149		
194	4.1	2.7	4.1#	
164	10.0	8.2	12.2	

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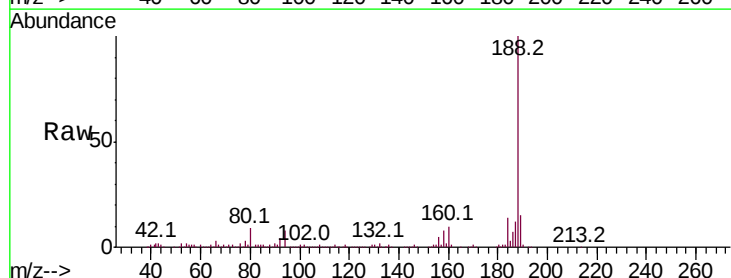


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

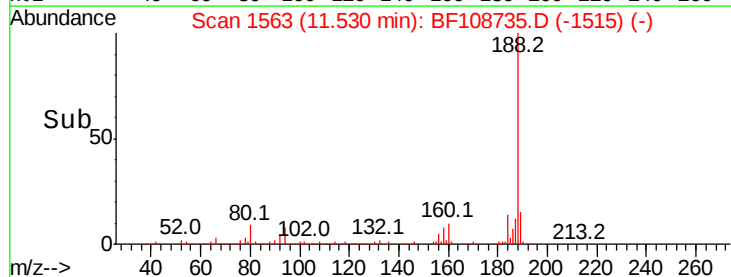
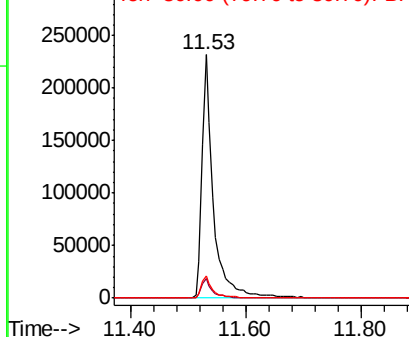


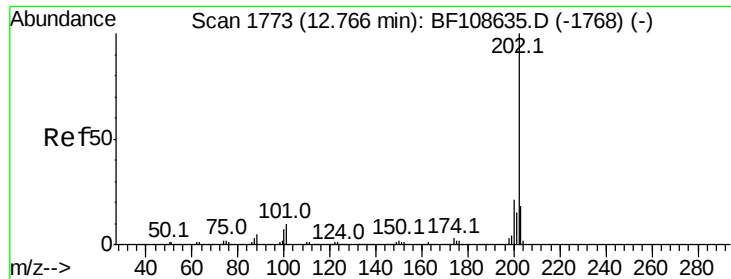
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108735.D
 Acq: 4 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	325470		
94	7.8	8.5	12.7#	
80	8.9	9.2	13.8#	



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 3.418 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Instrument :

BNA_F

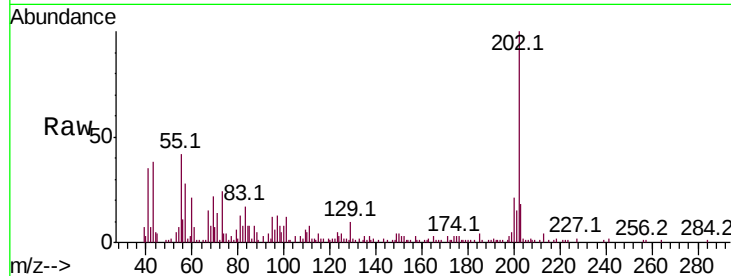
ClientSampled :

SB-02

Tot Ion:	202	Resp:	63204
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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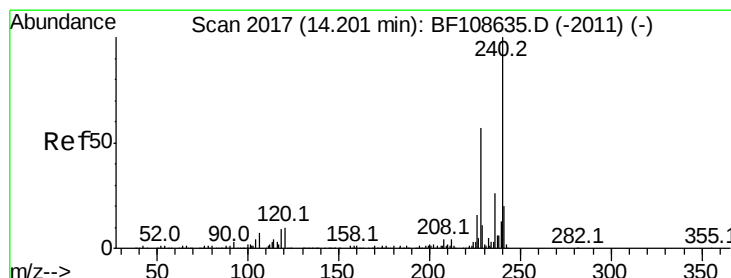
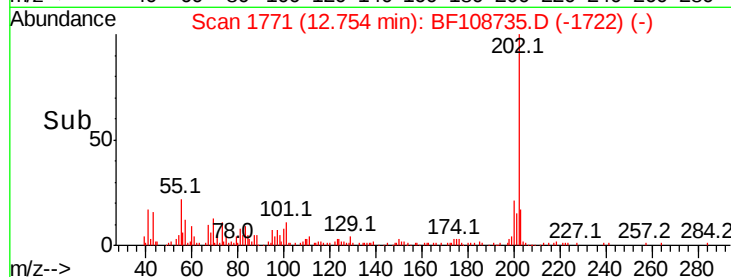
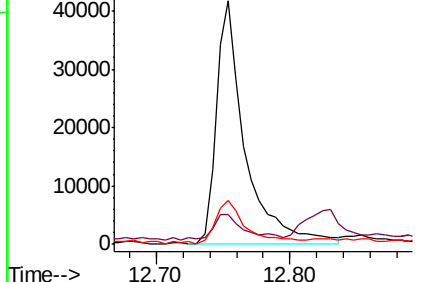
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108735.D

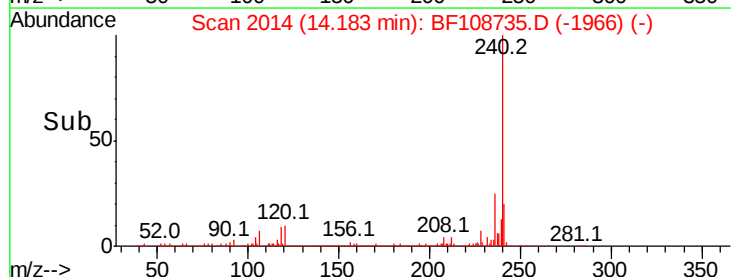
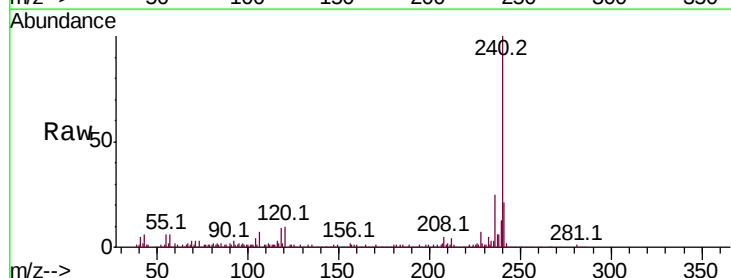
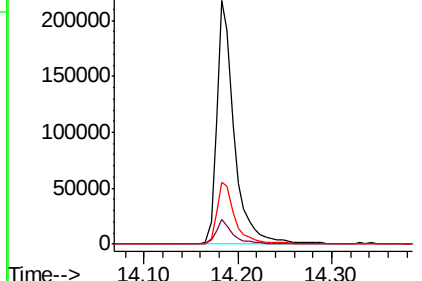
Acq: 4 Sep 2018 12:47

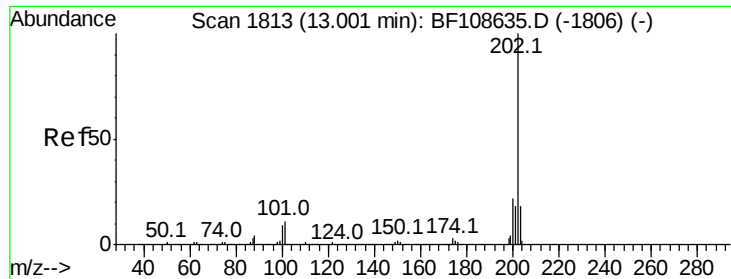
Tgt Ion:	240	Resp:	284183
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.4	20.7	31.1

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





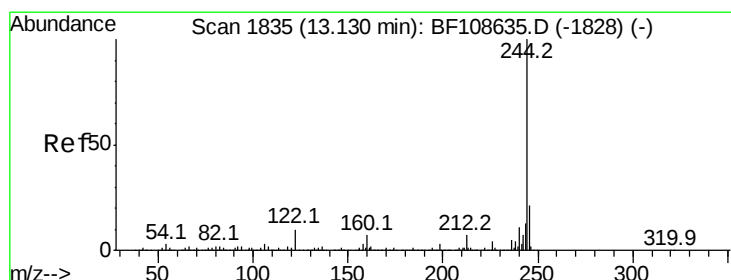
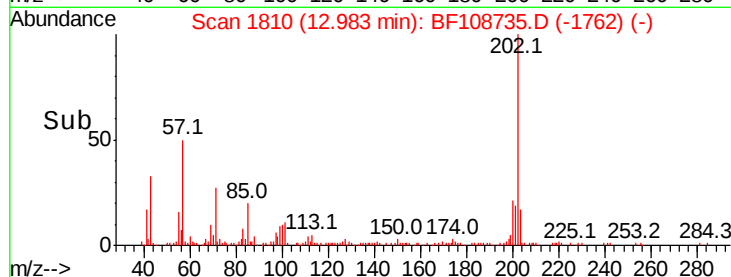
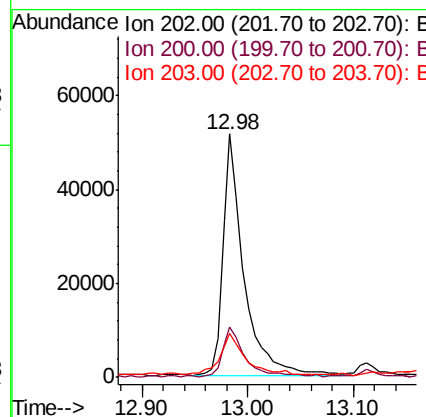
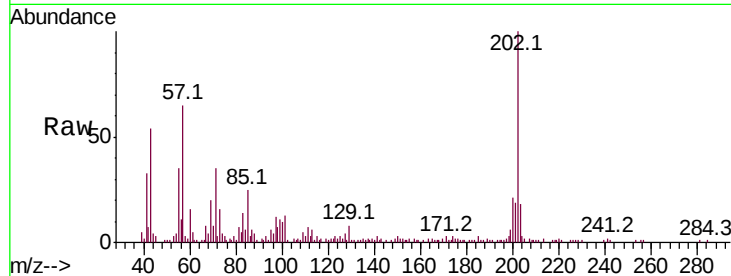
#77
Pvrene
Concen: 3.362 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.1	14.3	21.5

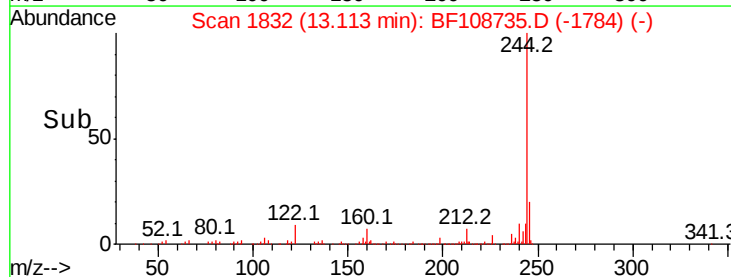
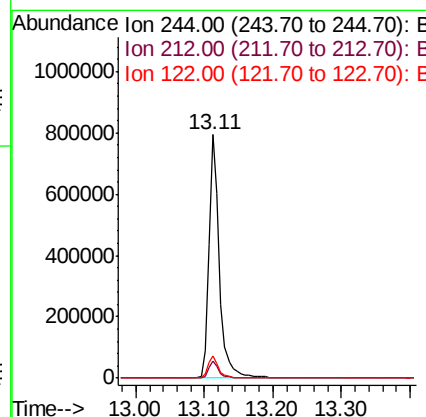
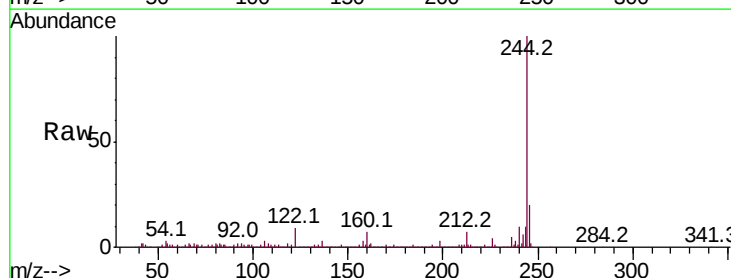
Manual Integrations
APPROVED

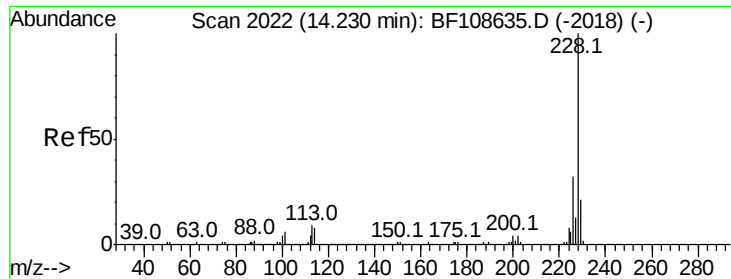
Sohil
9/5/2018 12:47:11 PM



#78
Terphenyl-d14
Concen: 59.250 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.0	11.0	16.4#





#82

Chrysene

Concen: 2.046 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Instrument :

BNA_F

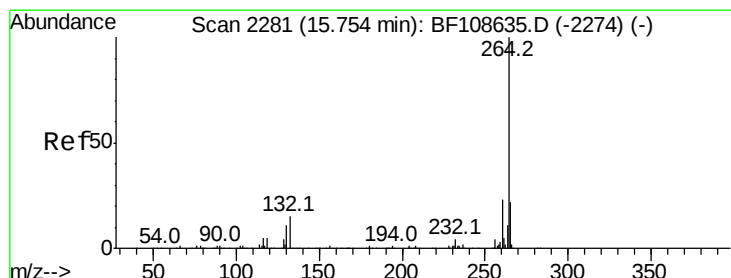
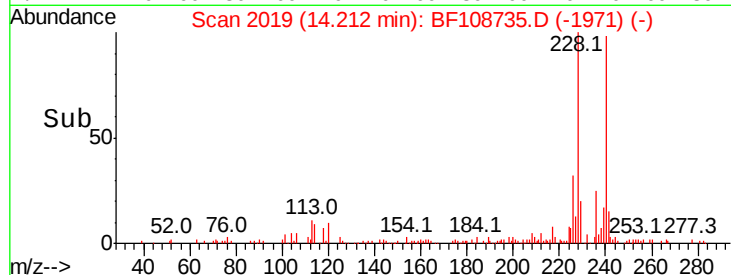
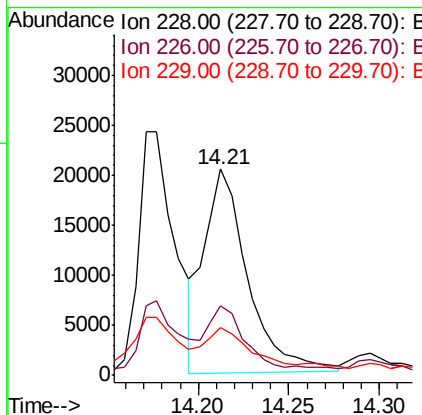
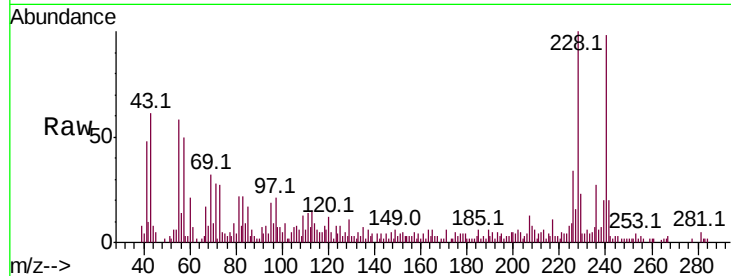
ClientSampled :

SB-02

Tot Ion:	228	Resp:	34089
Ion Ratio	Lower	Upper	
228	100		
226	33.8	25.0	37.6
229	22.9	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

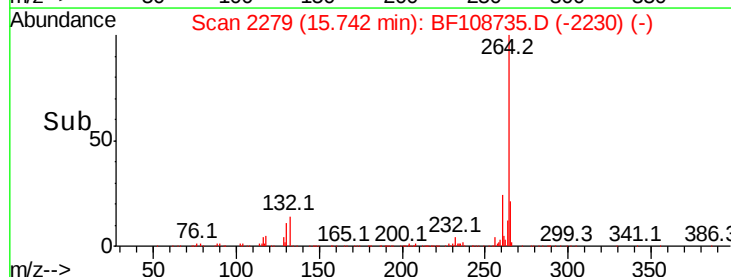
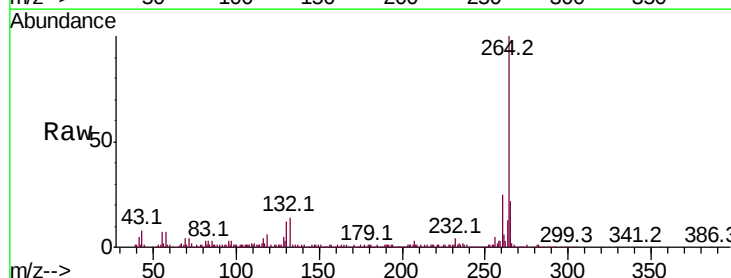
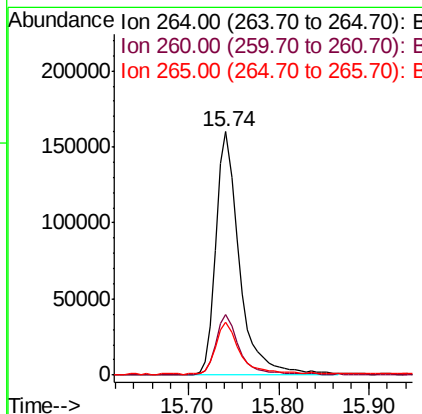
RT: 15.74 min Scan# 2279

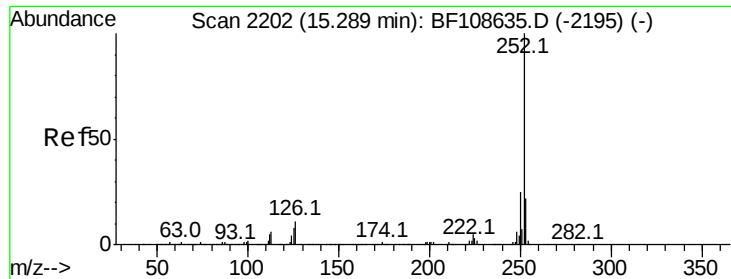
Delta R.T. -0.01 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Tgt Ion:	264	Resp:	285441
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.410 ng

RT: 15.28 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Instrument :

BNA_F

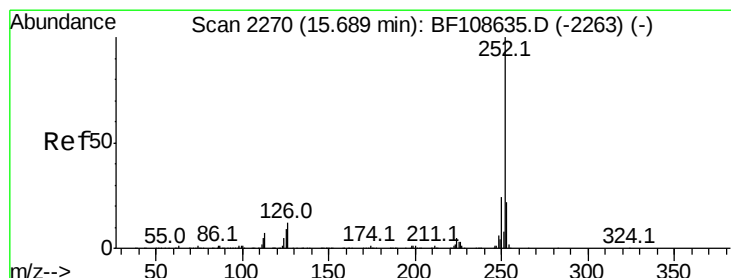
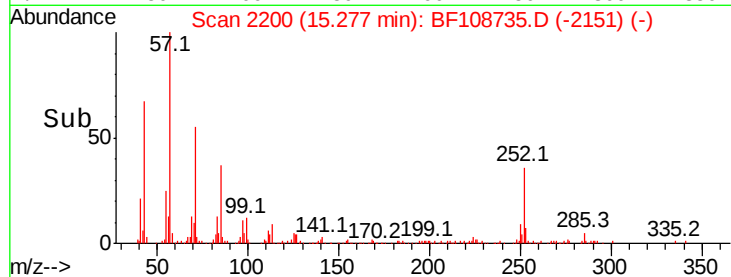
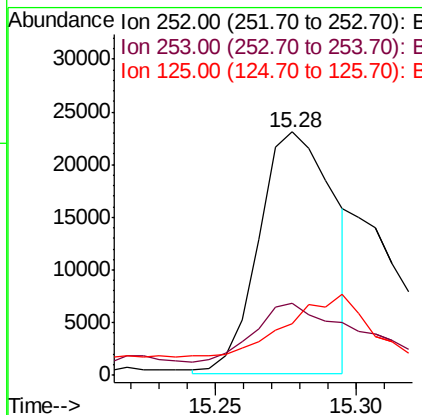
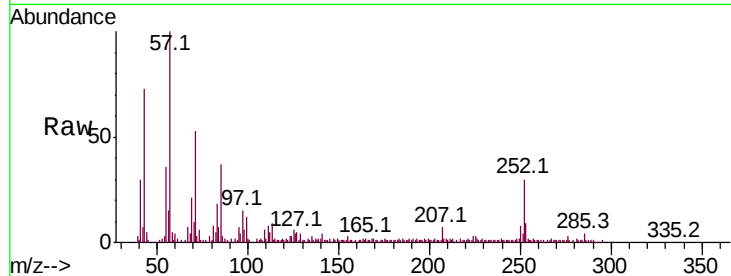
ClientSampled :

SB-02

Tot Ion:	252	Resp:	42258
Ion Ratio	Lower	Upper	
252	100		
253	29.8	17.0	25.6#
125	21.2	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.073 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF108735.D

Acq: 4 Sep 2018 12:47

Tgt Ion:	252	Resp:	32844
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.1	25.7
125	21.3	9.8	14.6#

