

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109056.D
 Acq On : 17 Sep 2018 18:51
 Operator : JU/SJ
 Sample : J4943-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Manual Integrations
 APPROVED

Sohil
 9/18/2018 6:00:13 PM

Quant Time: Sep 18 02:35:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125729	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	434595	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	187584	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	361169	20.00	ng	0.00
75) Chrysene-d12	13.85	240	359953	20.00	ng	0.00
86) Perylene-d12	15.26	264	268748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	284742	37.61	ng	0.00
7) Phenol-d6	6.35	99	345991	35.45	ng	-0.01
23) Nitrobenzene-d5	7.28	82	200476	25.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	74142	36.42	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	363022	30.32	ng	0.00
78) Terphenyl-d14	12.81	244	367506	24.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	49882	3.721	ng	Qvalue # 98
74) Fluoranthene	12.44	202	90470	4.840	ng	96
77) Pyrene	12.66	202	78810	2.948	ng	97
82) Chrysene	13.88	228	53401	2.449	ng	96
83) Bis(2-ethylhexyl)phthalate	13.85	149	93630	6.475	ng	99
87) Benzo(b)fluoranthene	14.86	252	67119m	4.514	ng	
89) Benzo(a)pyrene	15.19	252	32915	2.493	ng	# 95
91) Benzo(g,h,i)perylene	17.01	276	23242	2.096	ng	# 91

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

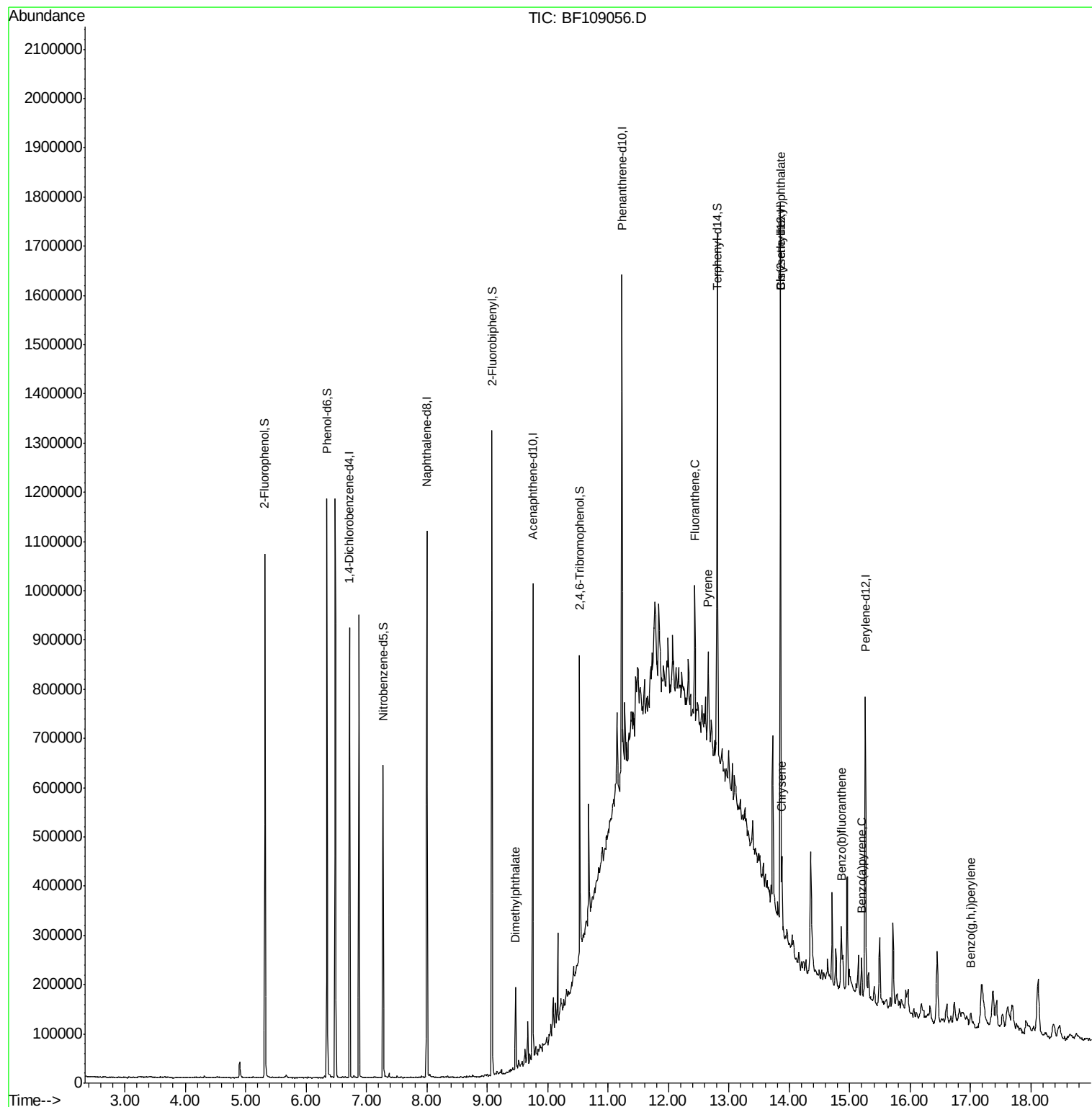
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109056.D
Acq On : 17 Sep 2018 18:51
Operator : JU/SJ
Sample : J4943-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

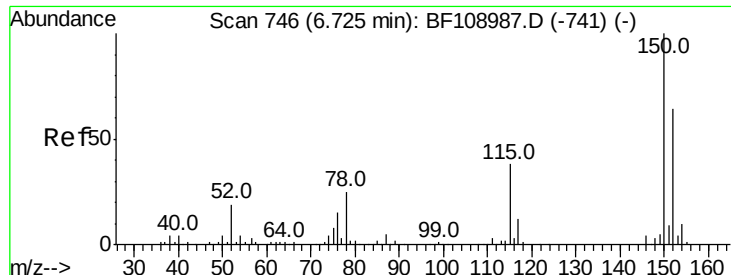
Instrument :
BNA_F
ClientSampleId :
RBR200051

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9/18/2018 6:00:13 PM

Quant Time: Sep 18 02:35:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

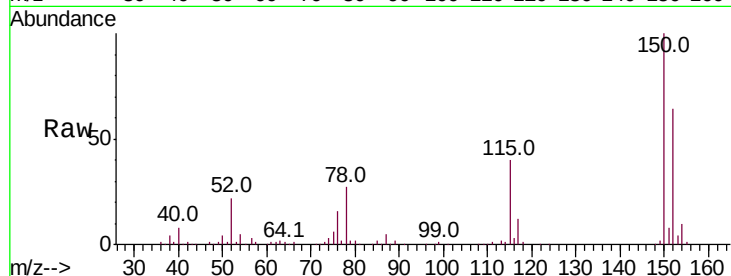
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.8	50.1	75.1

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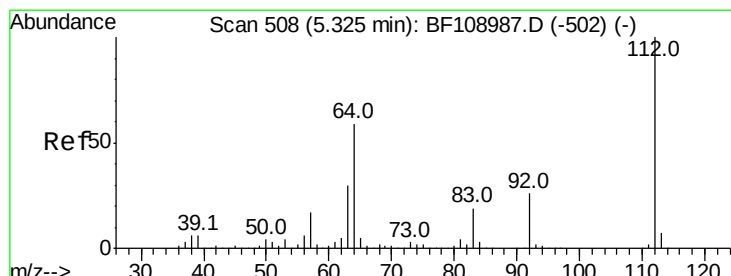
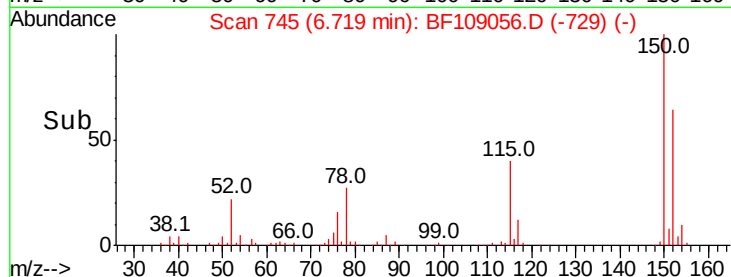
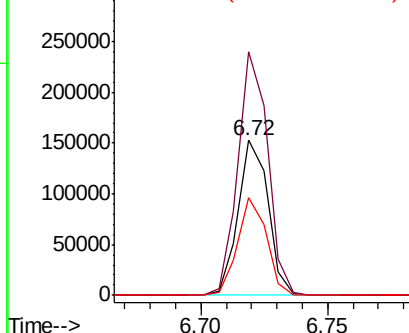


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

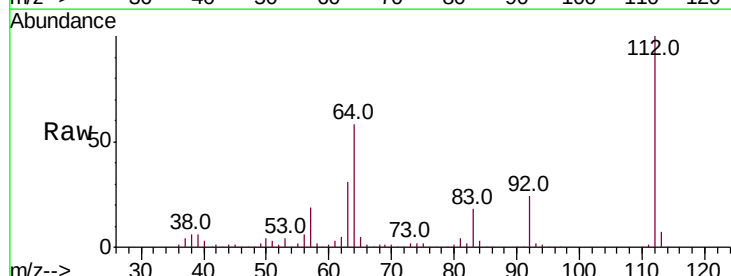
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.615 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.5	23.7	35.5

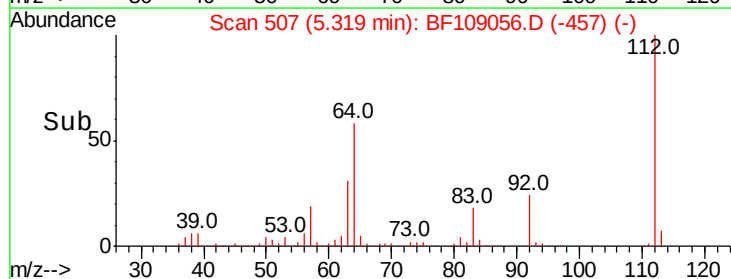
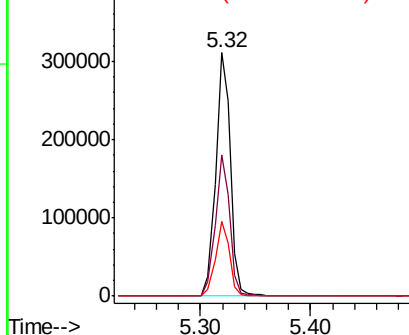


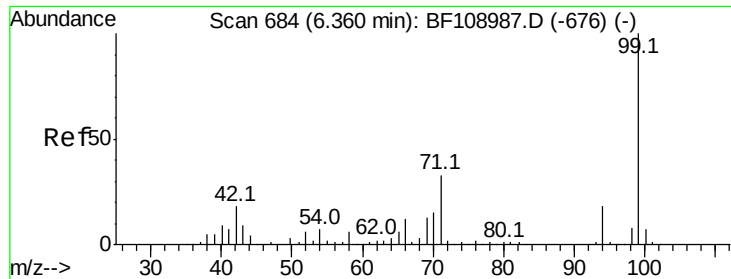
Abundance

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: 35.446 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109056.D

Acq: 17 Sep 2018 18:51

Instrument :

BNA_F

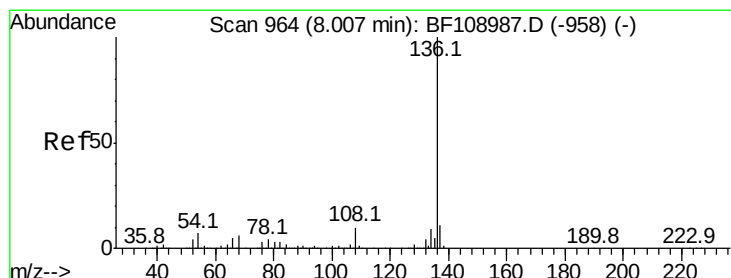
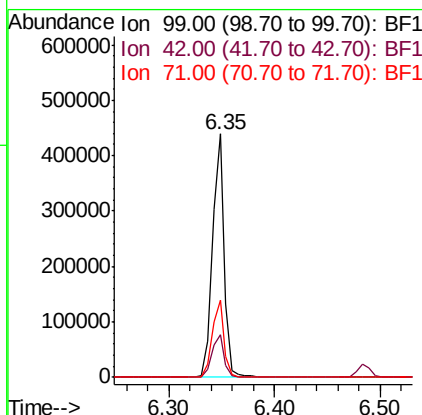
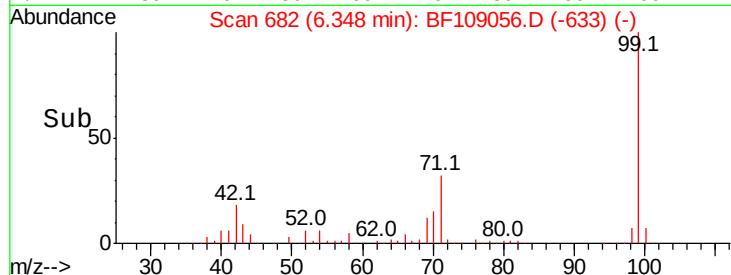
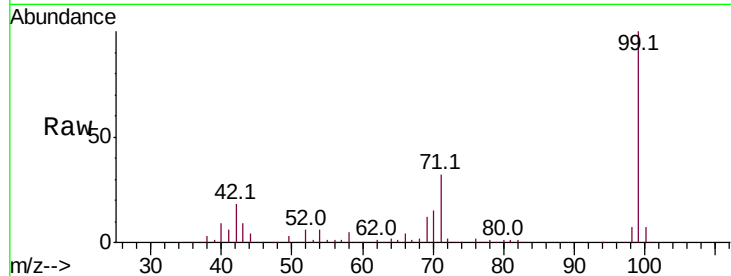
ClientSampled :

RBR200051

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		345991		
42	17.7	14.5	21.7		
71	31.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

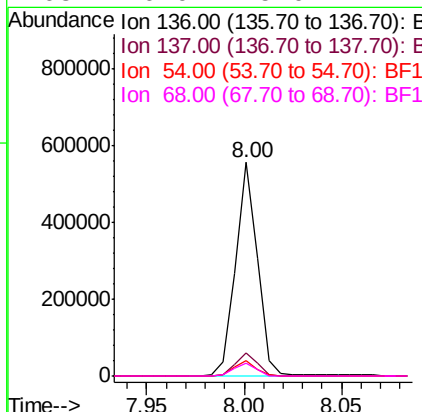
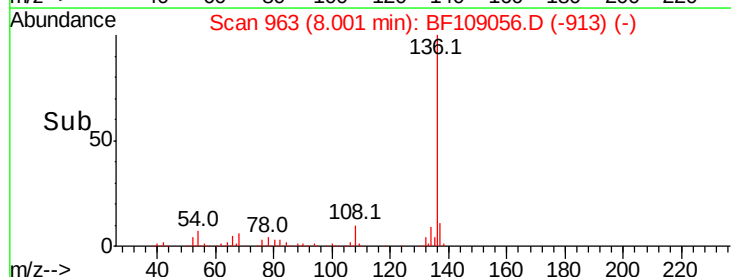
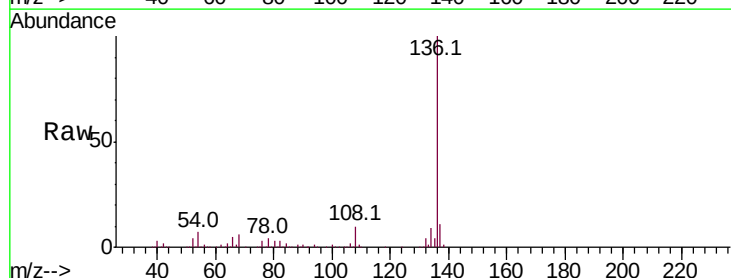
RT: 8.00 min Scan# 963

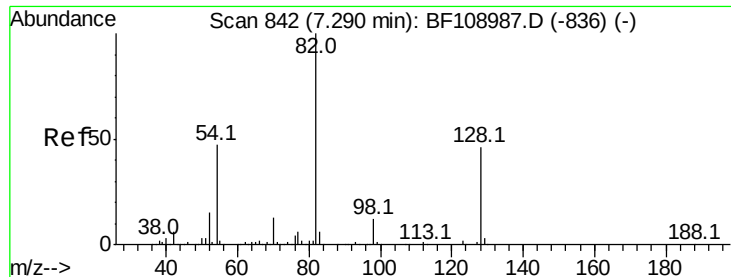
Delta R.T. -0.01 min

Lab File: BF109056.D

Acq: 17 Sep 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		434595		
137	11.1	8.9	13.3		
54	7.3	6.6	9.8		
68	6.0	5.0	7.4		





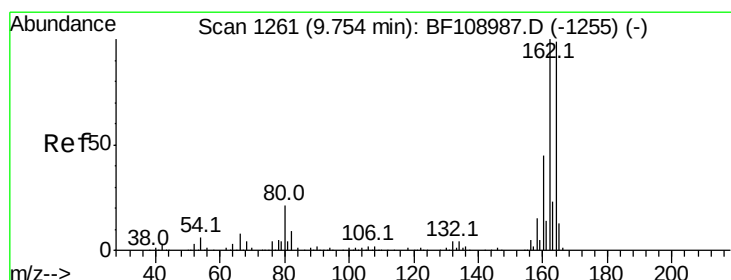
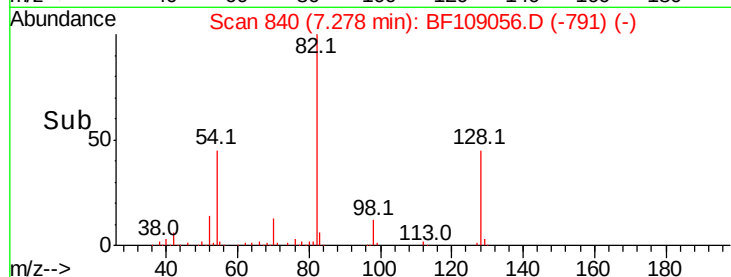
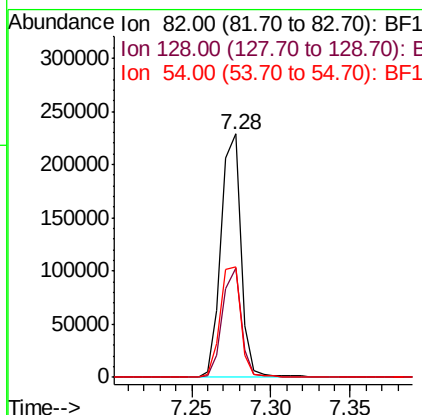
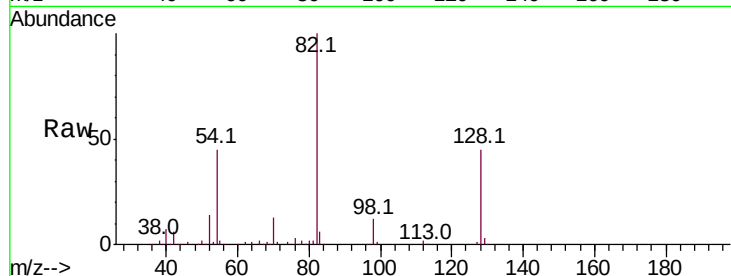
#23
 Nitrobenzene-d5
 Concen: 25.873 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109056.D
 Acq: 17 Sep 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Tot Ion	Ratio	Resp	Lower	Upper
82	100	200476		
128	44.7		36.1	54.1
54	45.3		41.4	62.2

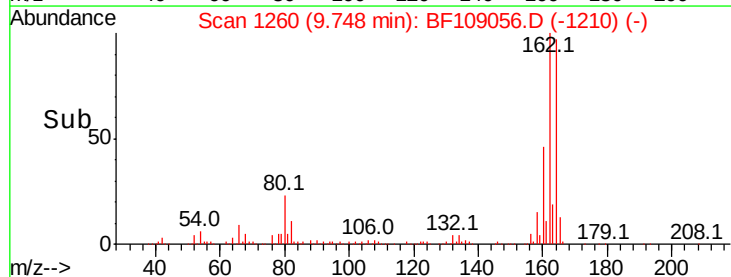
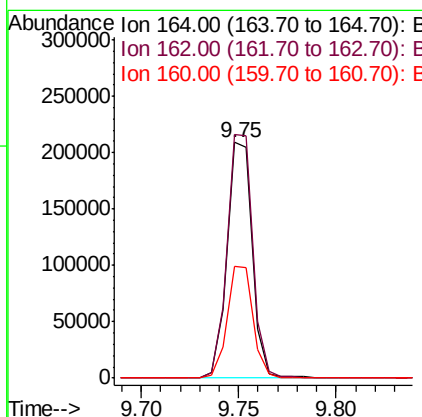
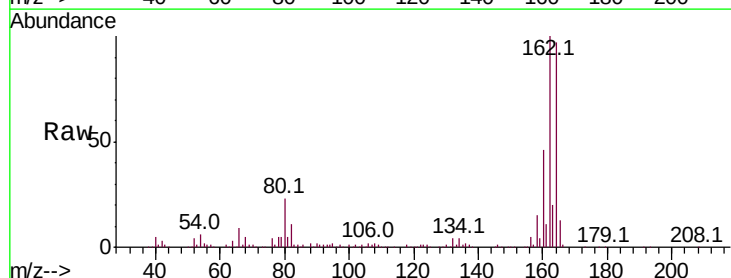
Manual Integrations
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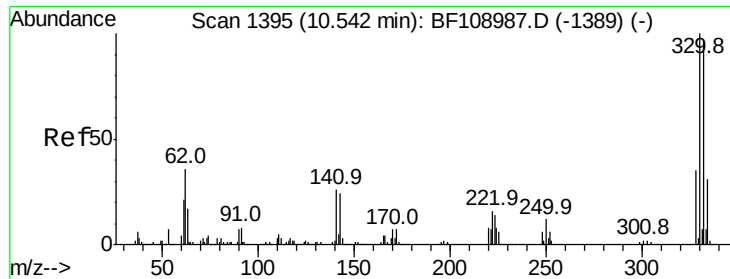
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109056.D
 Acq: 17 Sep 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187584		
162	103.4		86.1	129.1
160	47.5		38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 36.419 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109056.D

Acq: 17 Sep 2018 18:51

Instrument :

BNA_F

ClientSampled :

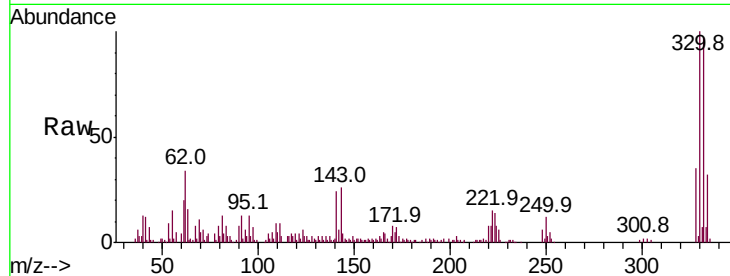
RBR200051

Tot Ion:	330	Resp:	74142
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.0	115.6
141	32.3	29.9	44.9

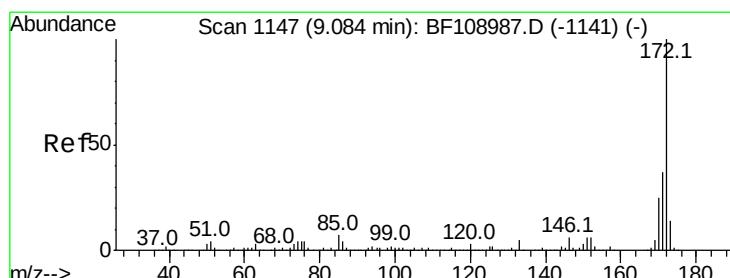
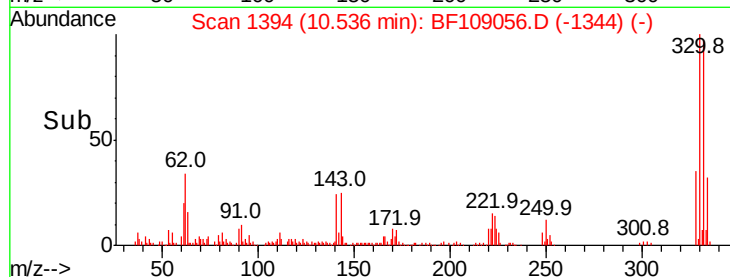
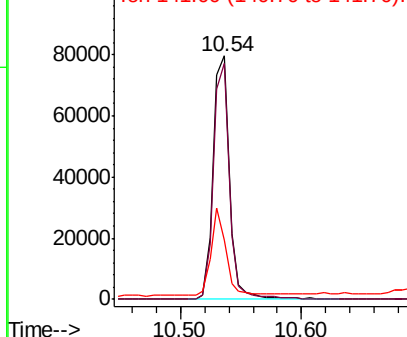
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 30.320 ng

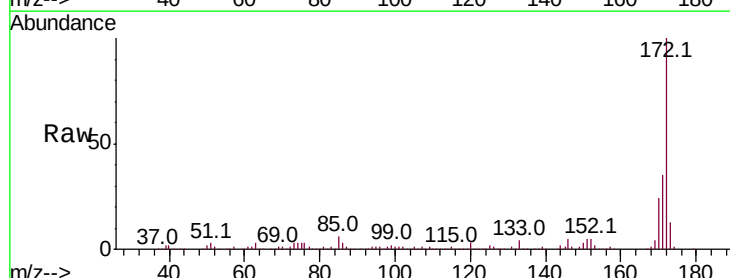
RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

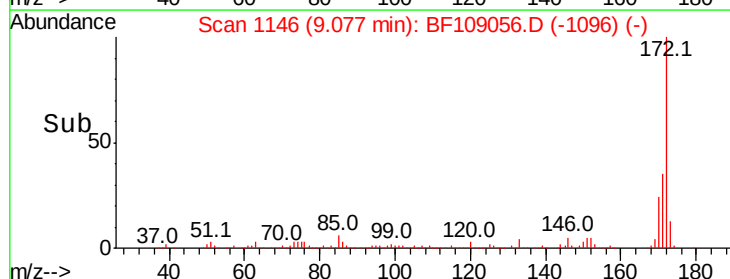
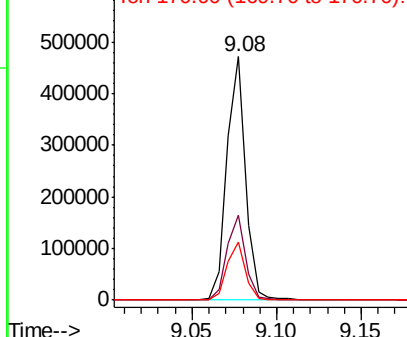
Lab File: BF109056.D

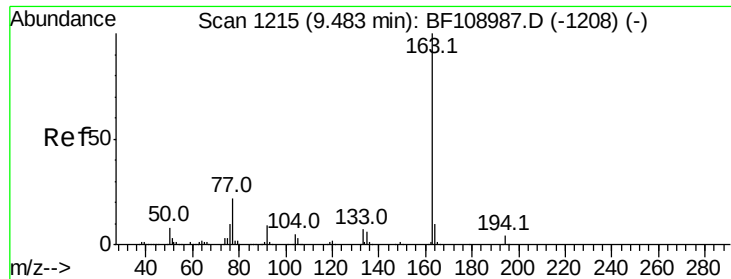
Acq: 17 Sep 2018 18:51

Tgt Ion:	172	Resp:	363022
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.7	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





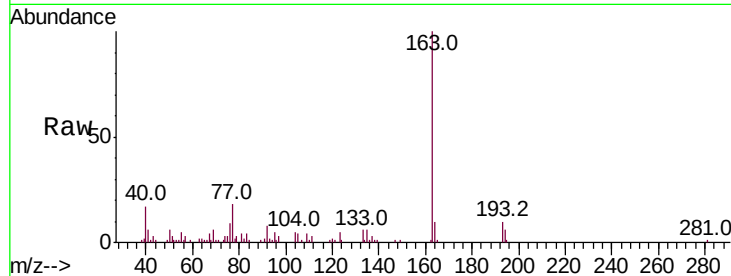
#49
Dimethylphthalate
Concen: 3.721 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion	Ratio	Resp	Lower	Upper
163	100	49882		
194	5.6	2.7	4.1#	
164	10.3	8.2	12.2	

Manual Integrations
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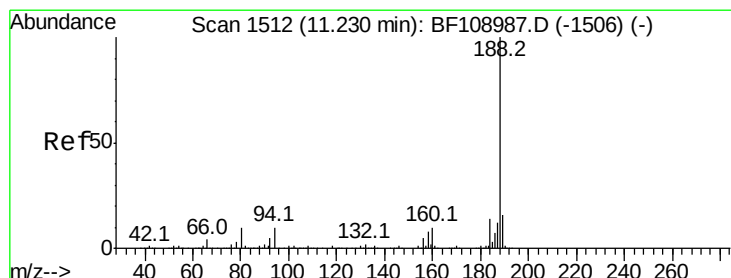
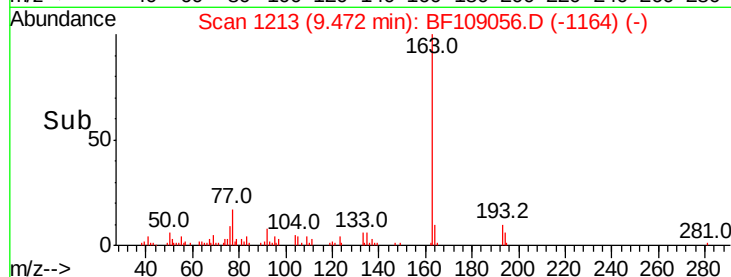
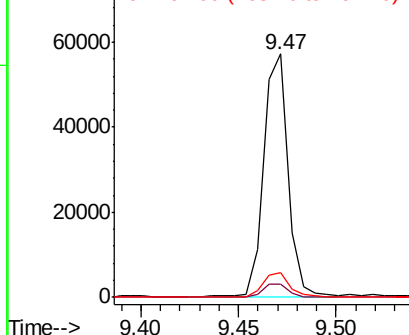


Abundance

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: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

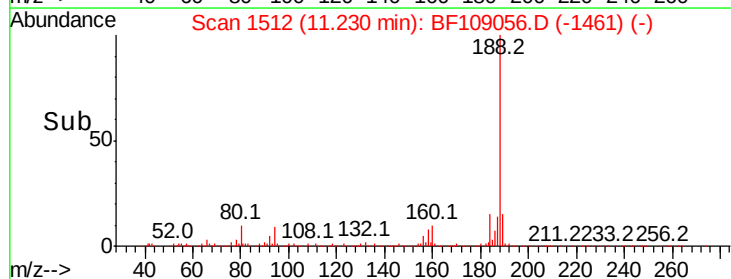
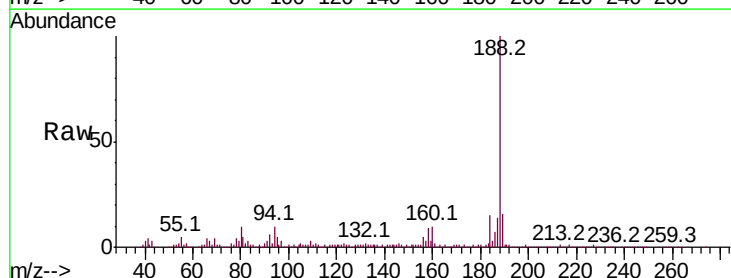
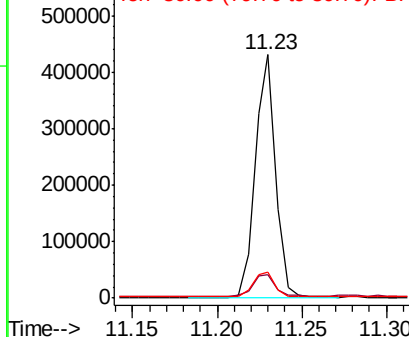
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	361169		
94	9.7	8.5	12.7	
80	10.4	9.2	13.8	

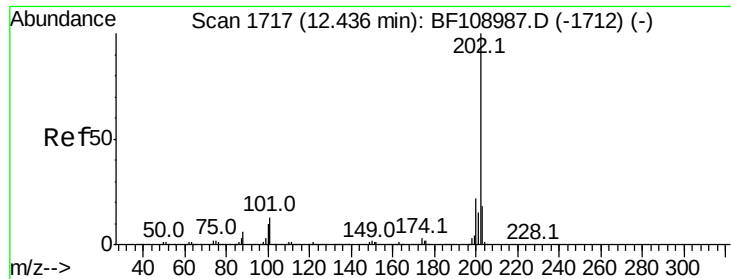
Abundance

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: 4.840 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109056.D

Acq: 17 Sep 2018 18:51

Instrument :

BNA_F

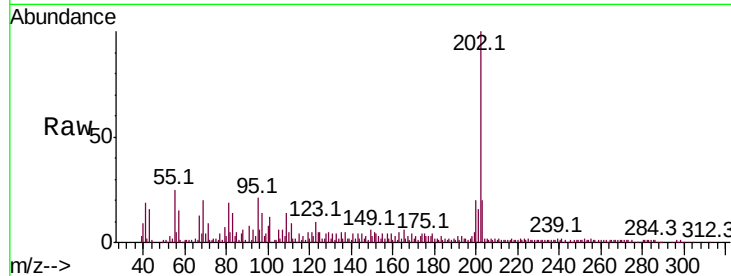
ClientSampleId :

RBR200051

Tot Ion:	202	Resp:	90470
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	19.5	0.0	38.1

Manual Integrations
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9/18/2018 6:00:13 PM

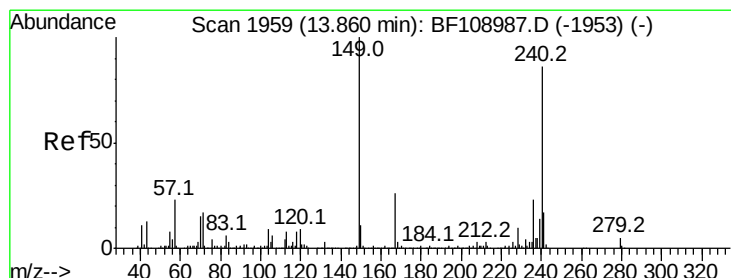
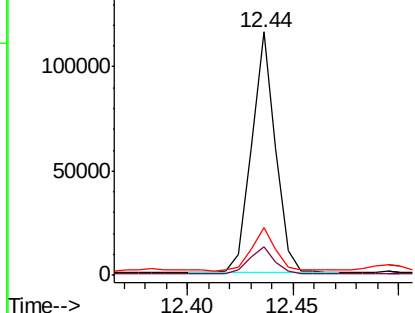
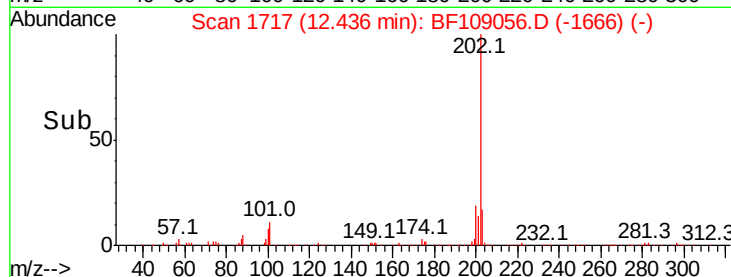


Abundance

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

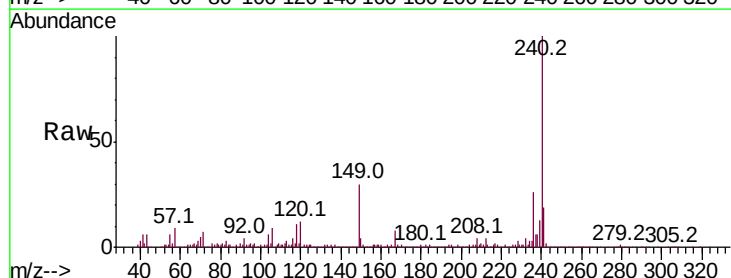
RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109056.D

Acq: 17 Sep 2018 18:51

Tgt Ion:	240	Resp:	359953
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	26.0	20.7	31.1

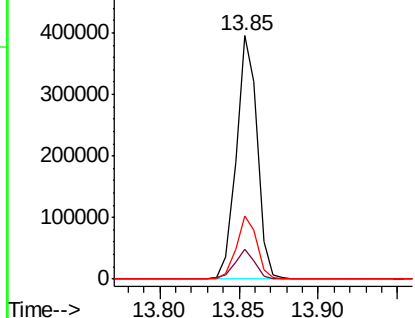
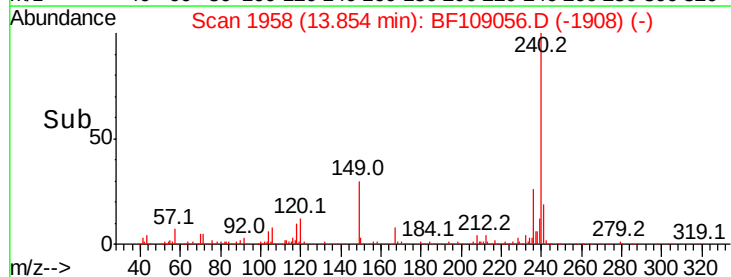


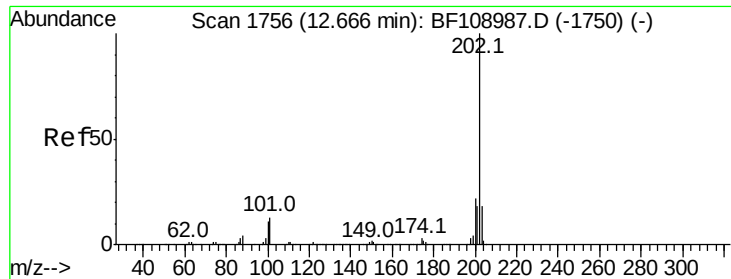
Abundance

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





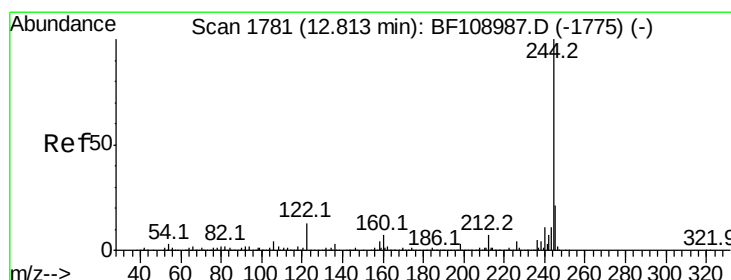
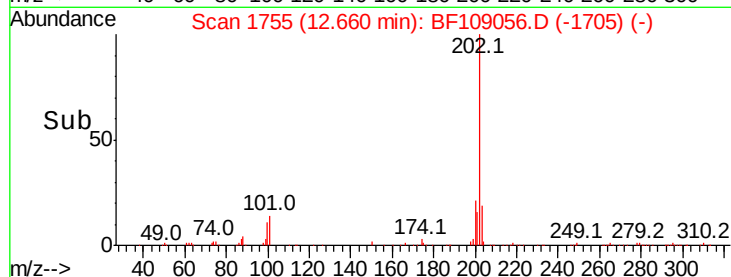
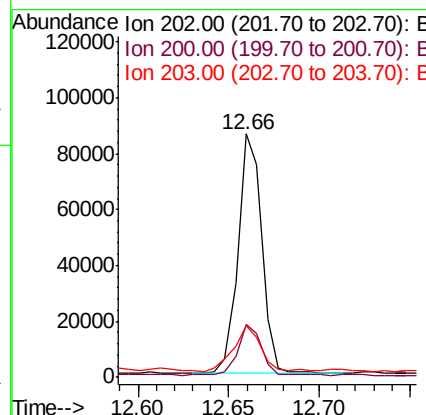
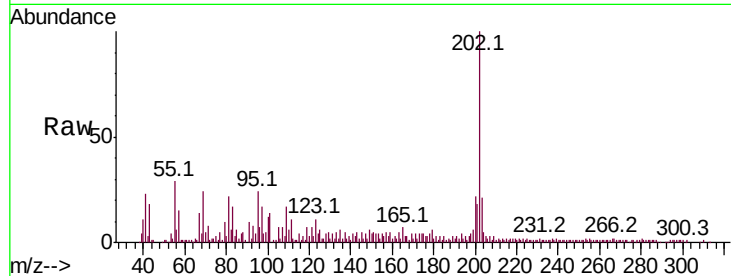
#77
Pvrene
Concen: 2.948 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	20.9	14.3	21.5

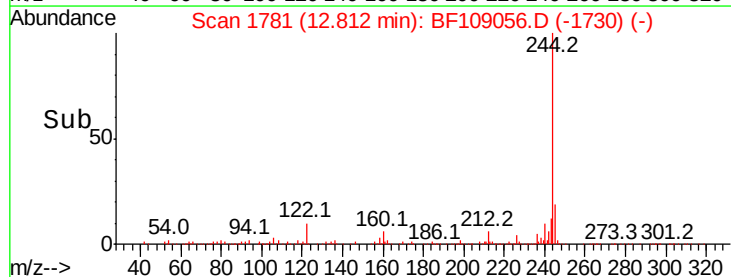
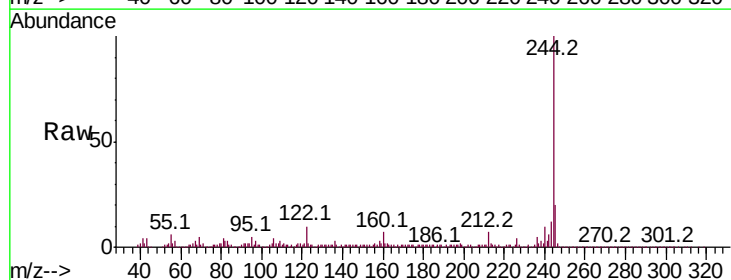
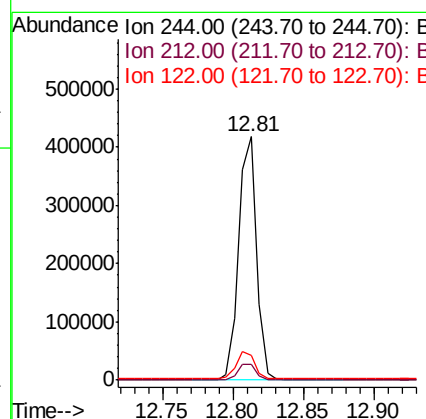
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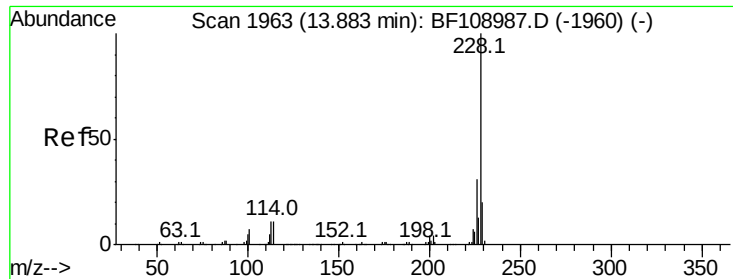
Sohil
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#78
Terphenyl-d14
Concen: 24.200 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	11.0	16.4#





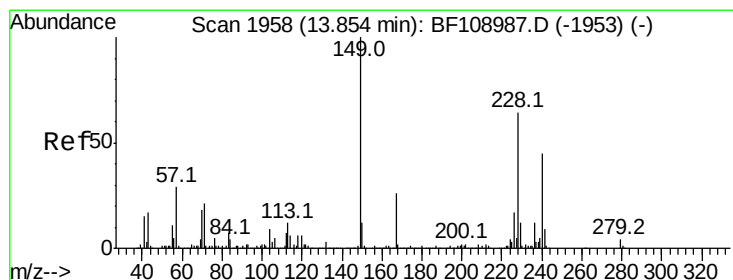
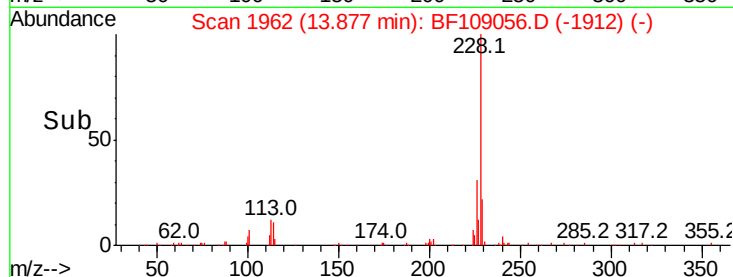
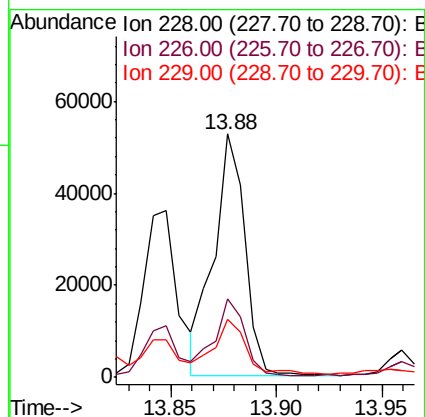
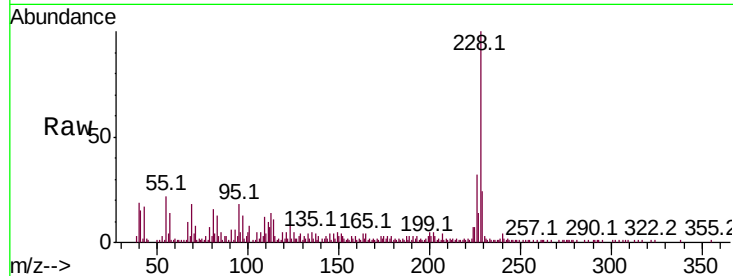
#82
Chrysene
Concen: 2.449 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion:228	Resp:	53401
Ion Ratio	Lower	Upper
228 100		
226 32.0	25.0	37.6
229 23.6	16.2	24.4

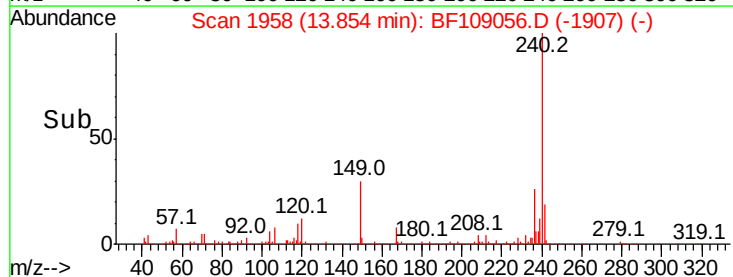
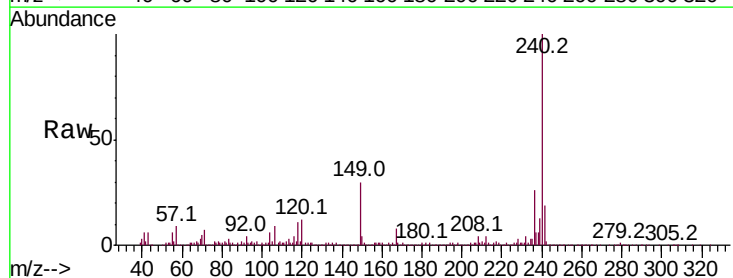
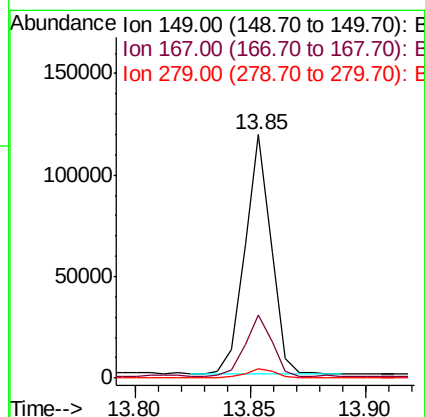
Manual Integrations
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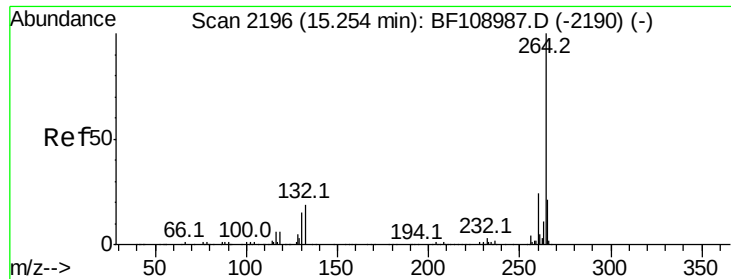
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#83
Bis(2-ethylhexyl)phthalate
Concen: 6.475 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Tgt Ion:149	Resp:	93630
Ion Ratio	Lower	Upper
149 100		
167 25.9	21.3	31.9
279 3.9	3.0	4.4





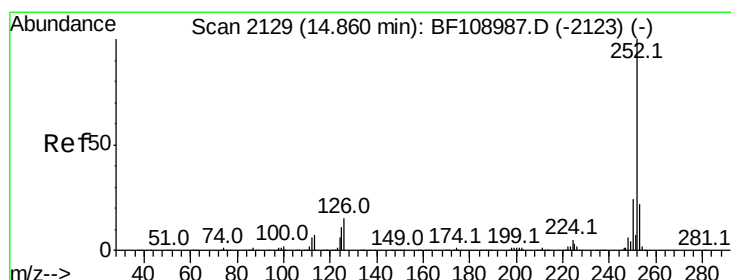
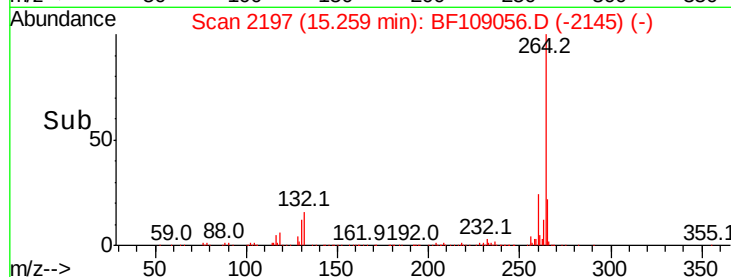
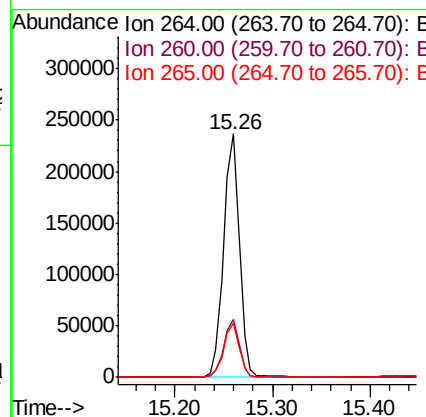
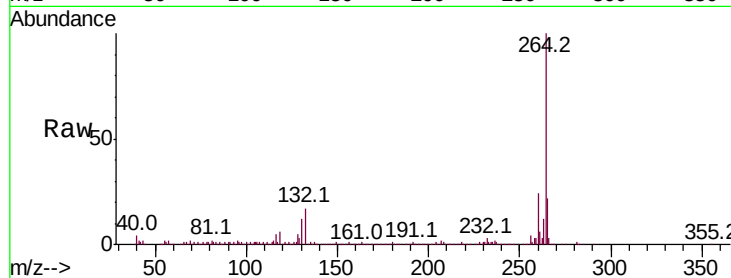
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3

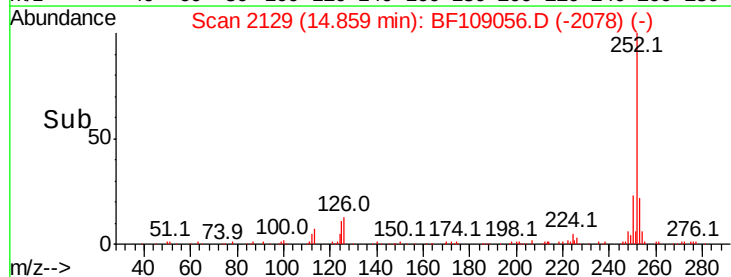
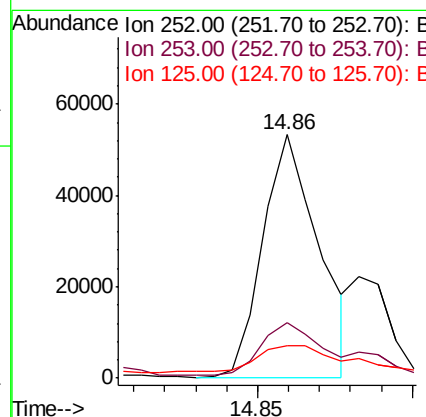
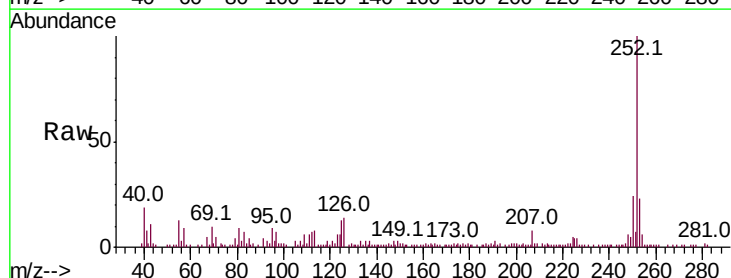
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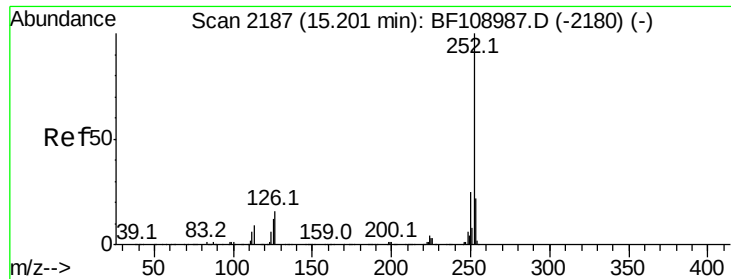
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#87
Benzo(b)fluoranthene
Concen: 4.514 ng m
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.2	9.0	13.6





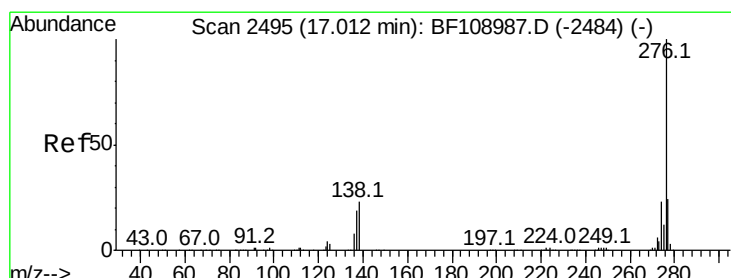
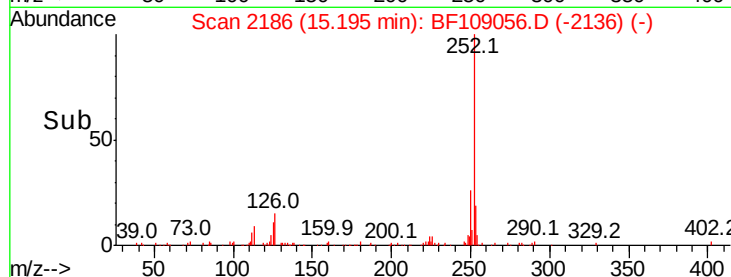
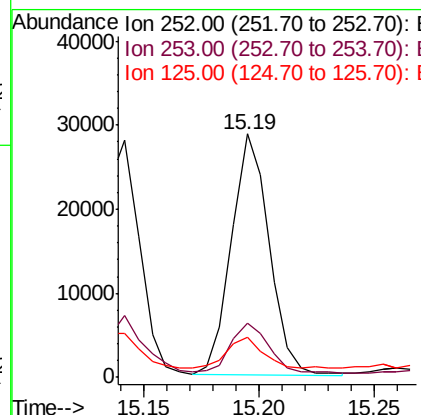
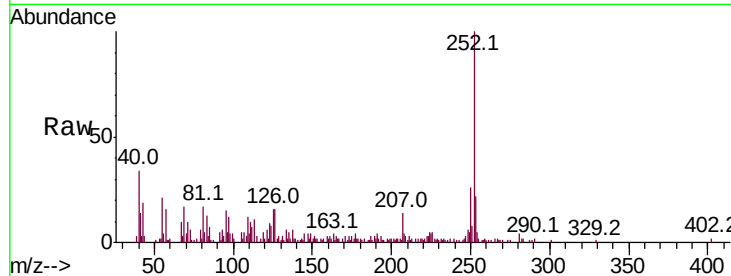
#89
Benzo(a)pyrene
Concen: 2.493 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	16.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.096 ng
RT: 17.01 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BF109056.D
Acq: 17 Sep 2018 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	19.1	21.8	32.8

