

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109058.D
 Acq On : 17 Sep 2018 19:46
 Operator : JU/SJ
 Sample : J4946-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RT

Manual Integrations
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Sohil
 9/18/2018 6:00:15 PM

Quant Time: Sep 18 04:18:47 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	108129	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	357727	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160332	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	330607	20.00	ng	0.00
75) Chrysene-d12	13.85	240	362029	20.00	ng	0.00
86) Perylene-d12	15.25	264	265430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	401595	61.69	ng	0.00
7) Phenol-d6	6.35	99	473513	56.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	268664	42.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	110539	63.53	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	366068	35.77	ng	0.00
78) Terphenyl-d14	12.81	244	424279	27.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	60462	5.276	ng	Qvalue # 98
70) Phenanthrene	11.25	178	60095	3.708	ng	96
74) Fluoranthene	12.44	202	95251	5.567	ng	96
77) Pyrene	12.66	202	94914	3.530	ng	98
80) Benzo(a)anthracene	13.84	228	45419	2.072	ng	96
82) Chrysene	13.88	228	47759	2.178	ng	95
87) Benzo(b)fluoranthene	14.86	252	48407m	3.297	ng	
89) Benzo(a)pyrene	15.19	252	30150	2.312	ng	# 95

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

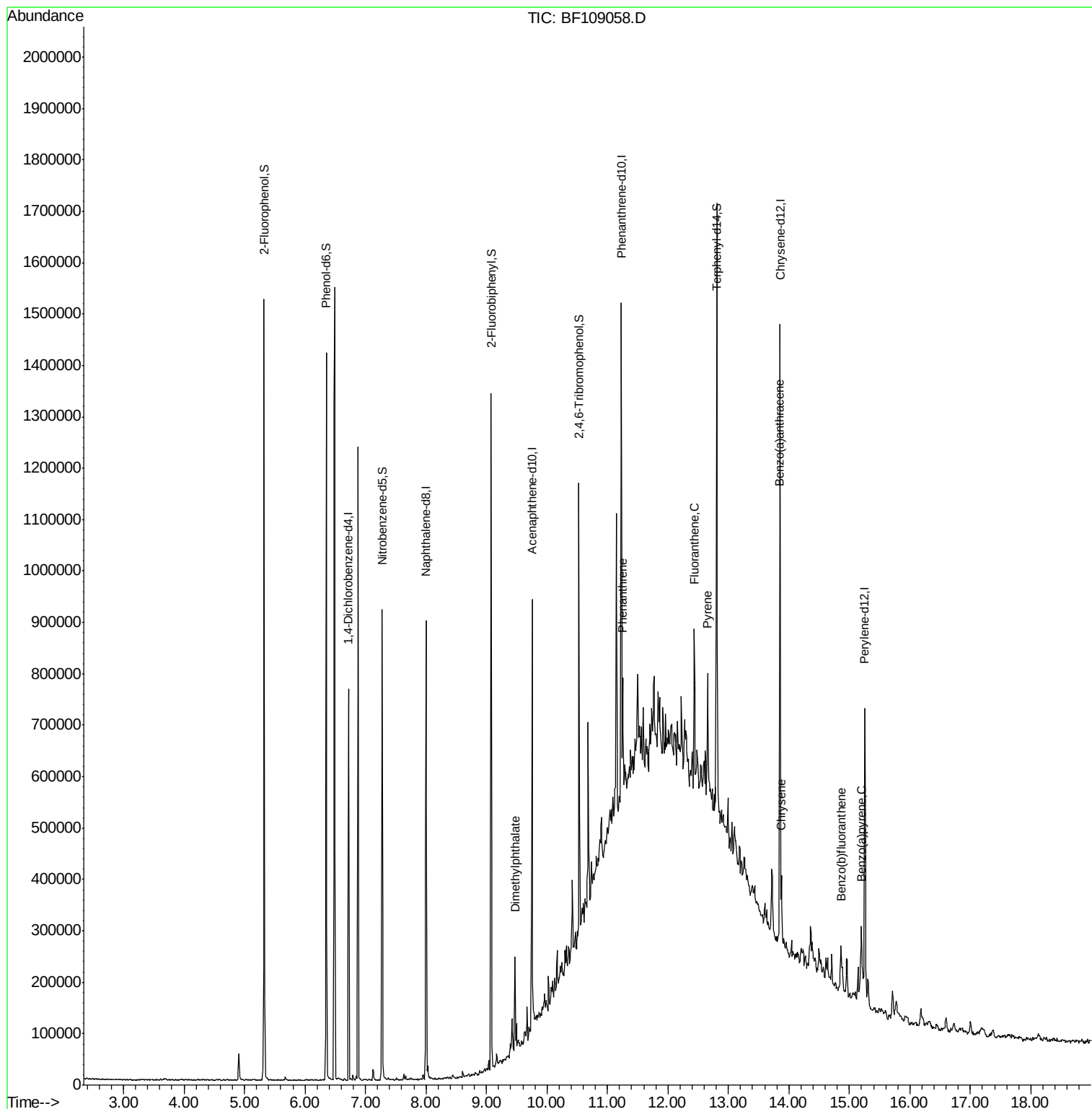
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109058.D
Acq On : 17 Sep 2018 19:46
Operator : JU/SJ
Sample : J4946-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

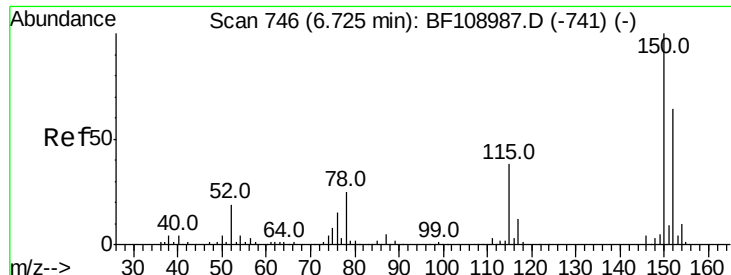
Instrument :
BNA_F
ClientSampleId :
RB12983RT

Quant Time: Sep 18 04:18:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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#1

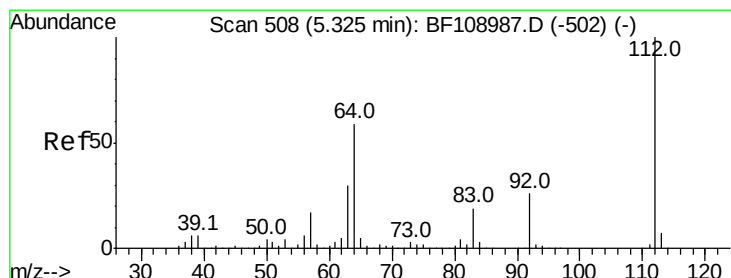
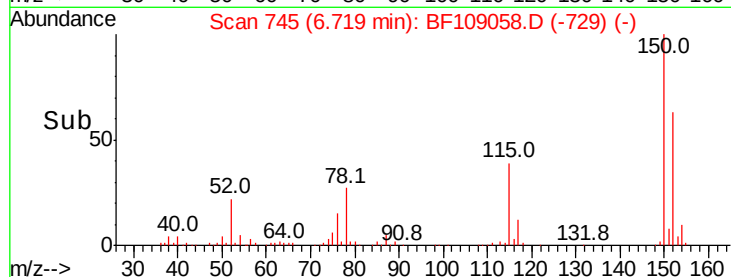
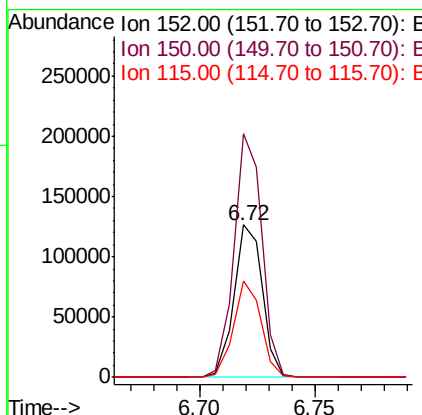
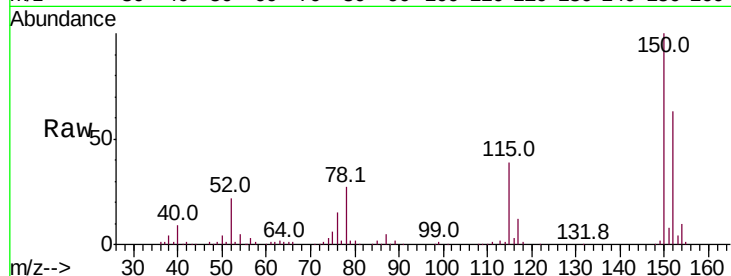
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Instrument :
BNA_F
ClientSampled :
RB12983RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.2	50.1	75.1

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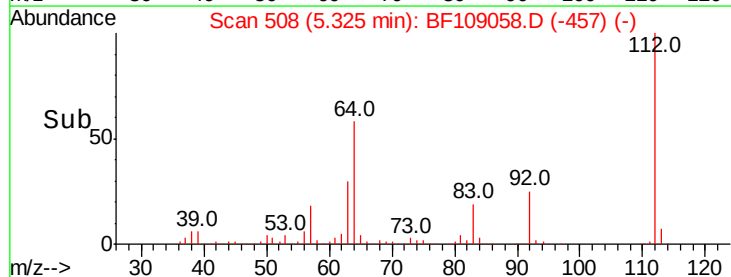
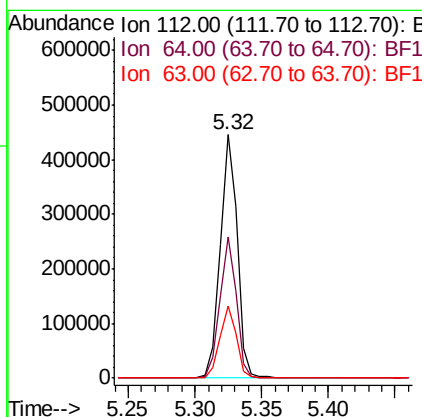
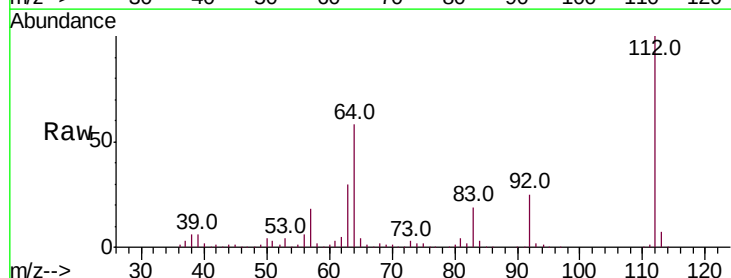
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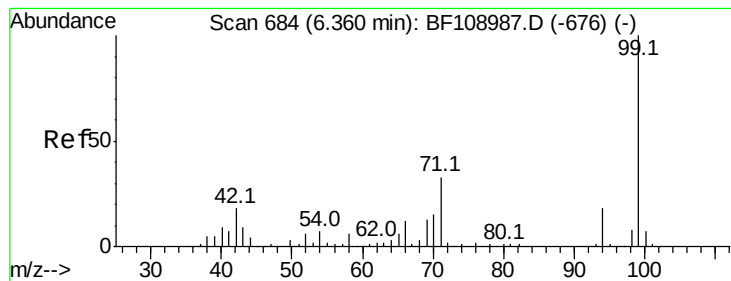


#5

2-Fluorophenol
Concen: 61.686 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 56.406 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Instrument :

BNA_F

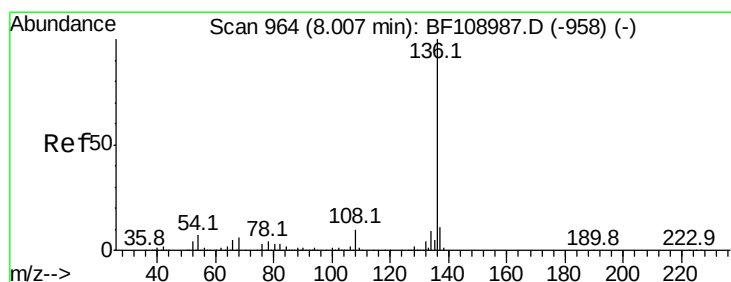
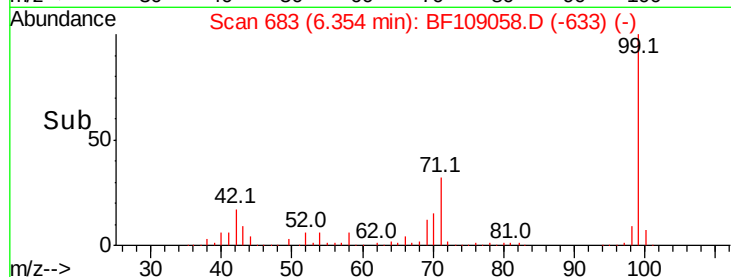
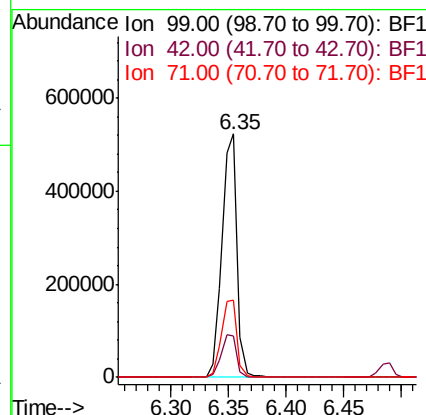
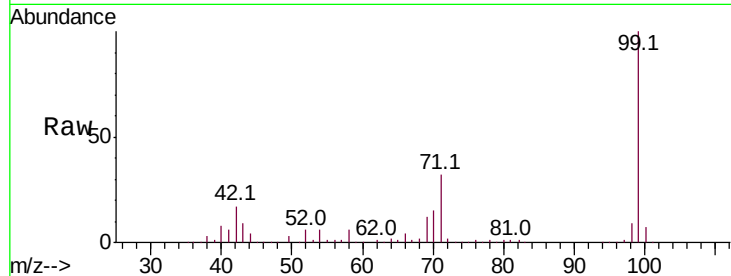
ClientSampleId :

RB12983RT

Tot Ion:	99	Resp:	473513
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.5	21.7
71	32.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

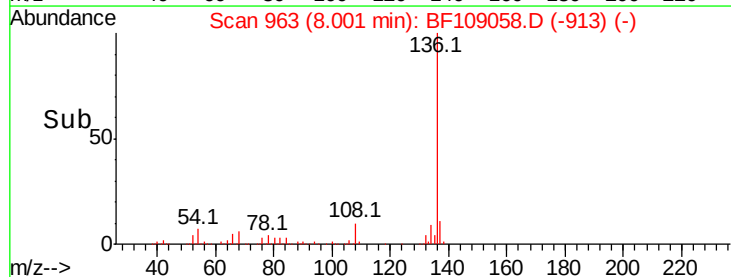
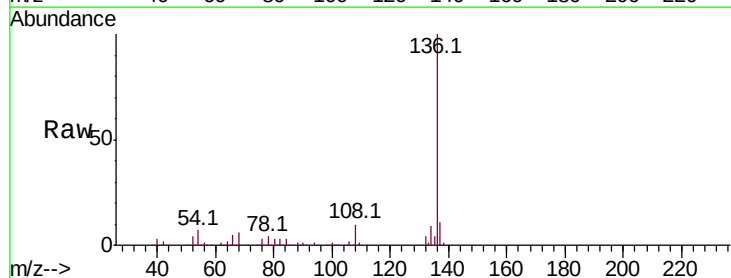
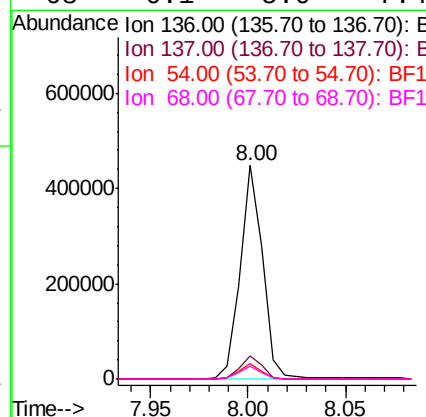
RT: 8.00 min Scan# 963

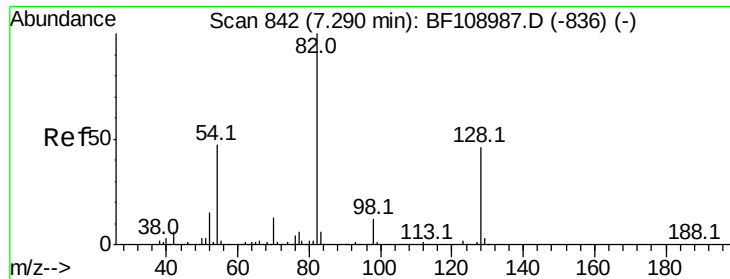
Delta R.T. -0.01 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Tgt Ion:	136	Resp:	357727
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4





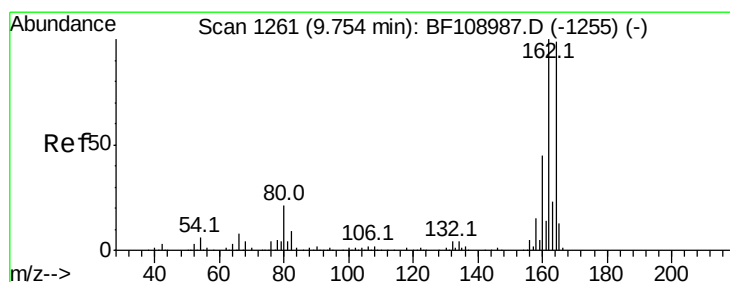
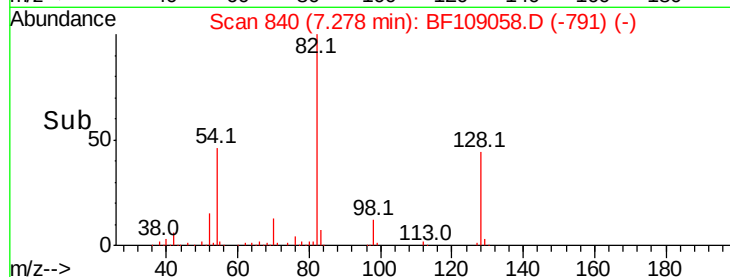
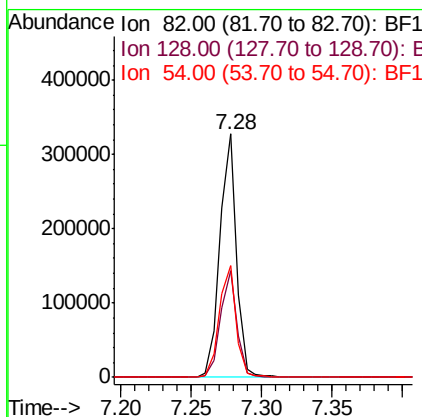
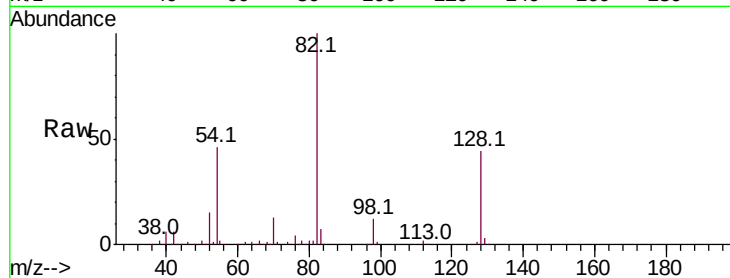
#23
Nitrobenzene-d5
Concen: 42.124 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Instrument :
BNA_F
ClientSampleId :
RB12983RT

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	36.1	54.1	
54	46.1	41.4	62.2	

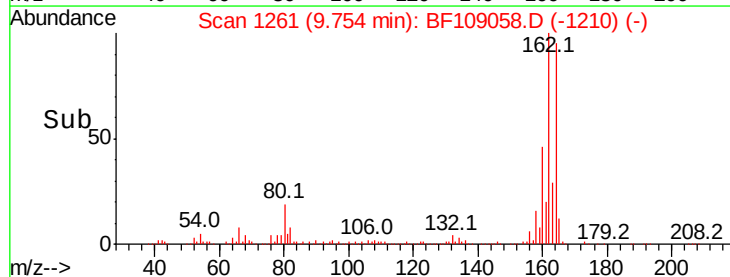
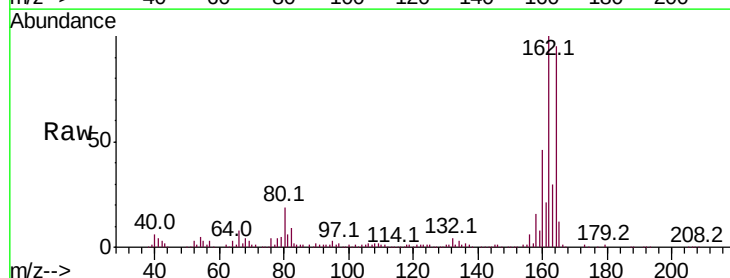
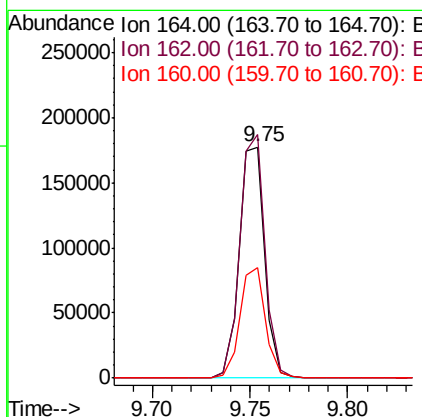
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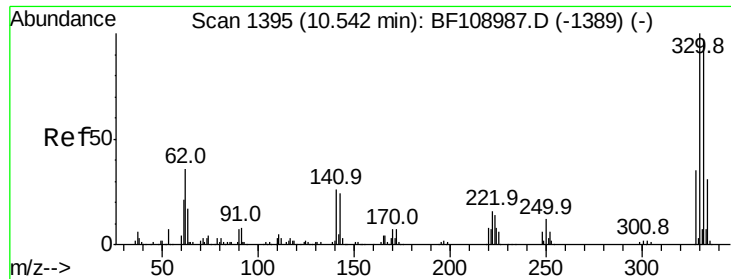
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	86.1	129.1	
160	48.0	38.3	57.5	





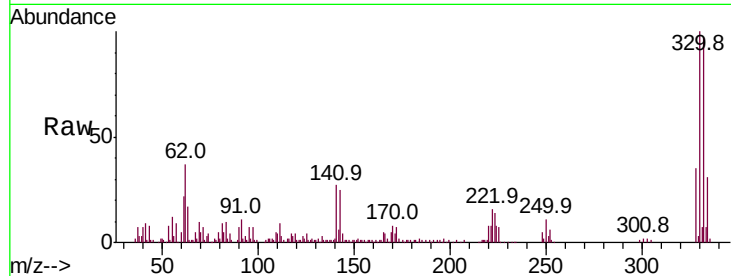
#41
 2,4,6-Tribromophenol
 Concen: 63.527 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109058.D
 Acq: 17 Sep 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RT

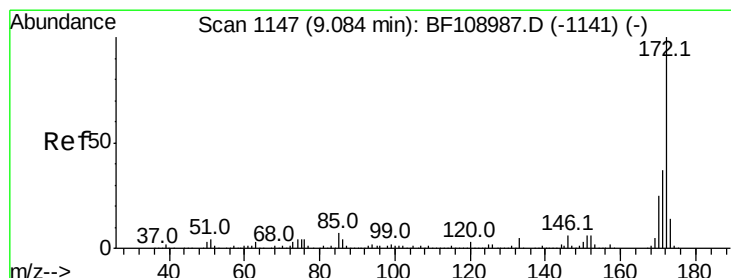
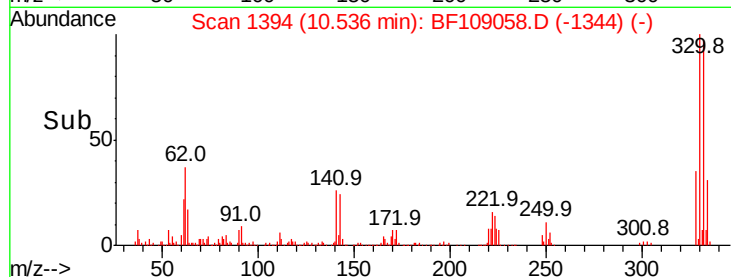
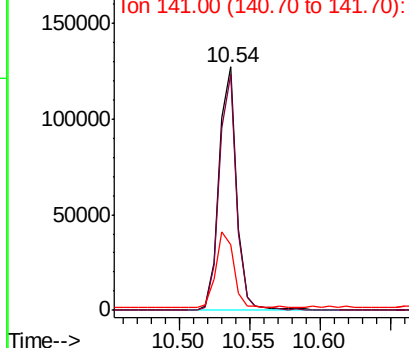
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	31.7	29.9	44.9	

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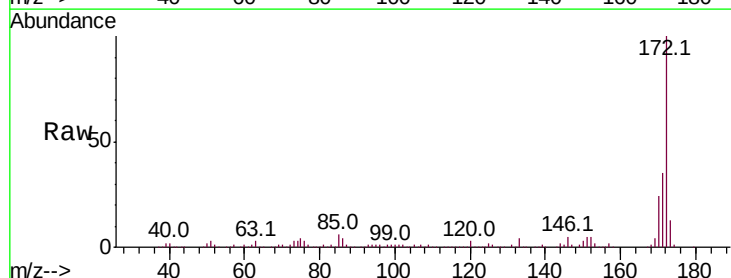


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

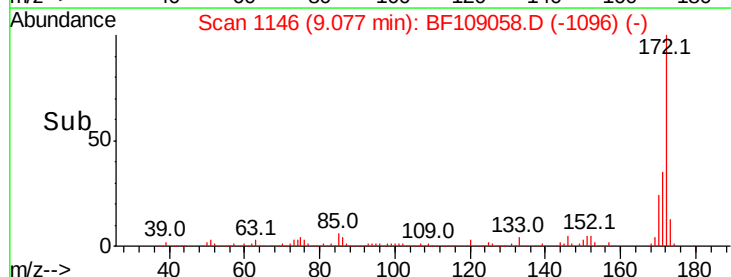
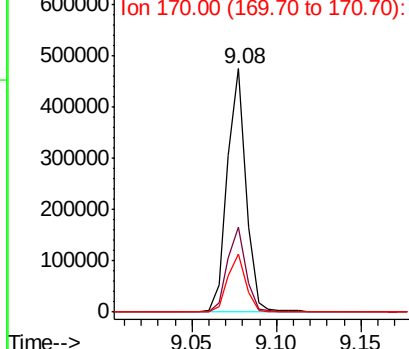


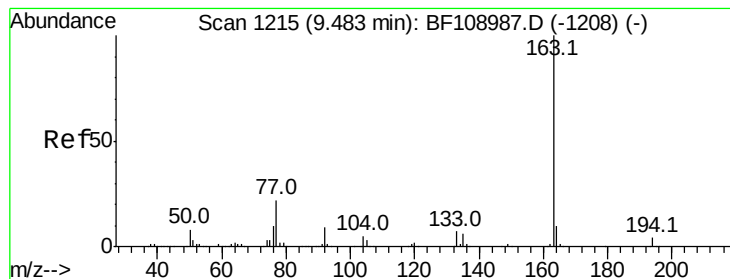
#44
 2-Fluorobiphenyl
 Concen: 35.771 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109058.D
 Acq: 17 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.6	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: 5.276 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Instrument :

BNA_F

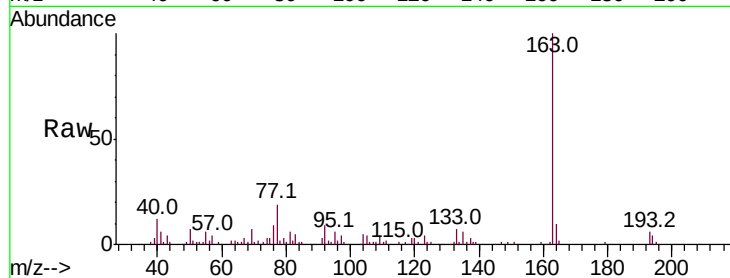
ClientSampled :

RB12983RT

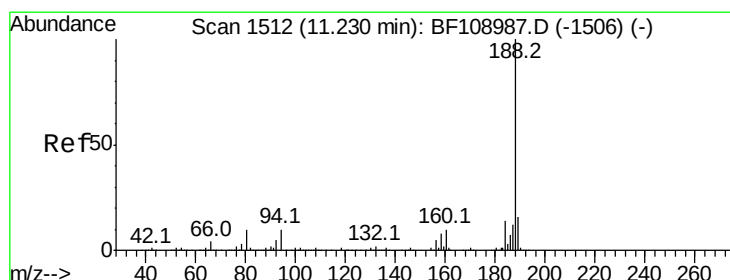
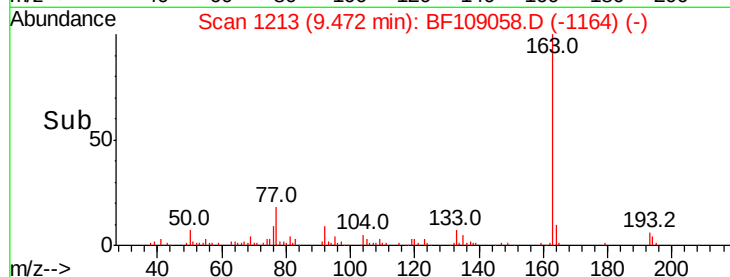
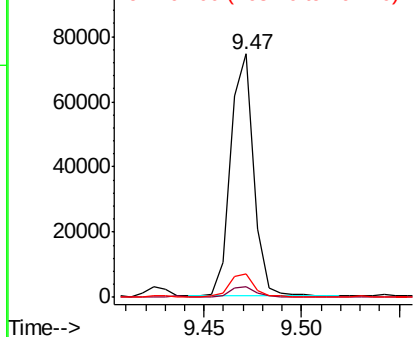
Tot Ion:163	Resp:	60462
Ion Ratio	Lower	Upper
163 100		
194 4.3	2.7	4.1#
164 9.6	8.2	12.2

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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

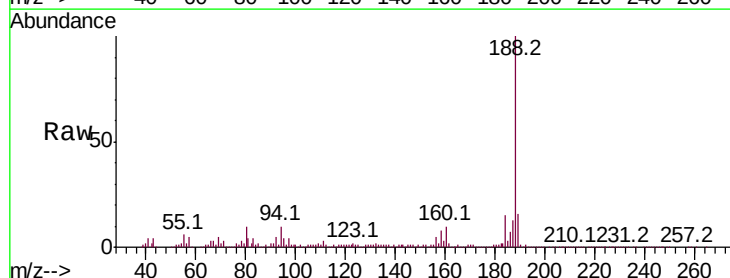
RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

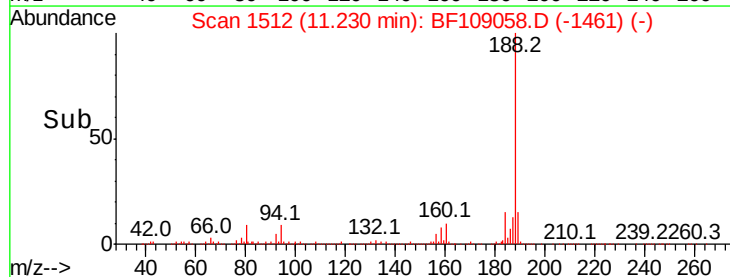
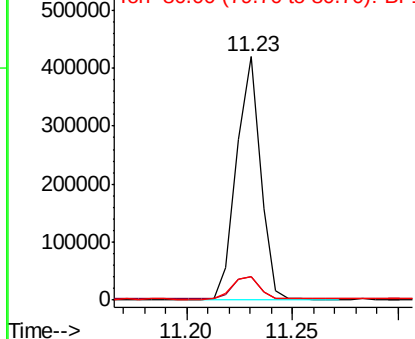
Lab File: BF109058.D

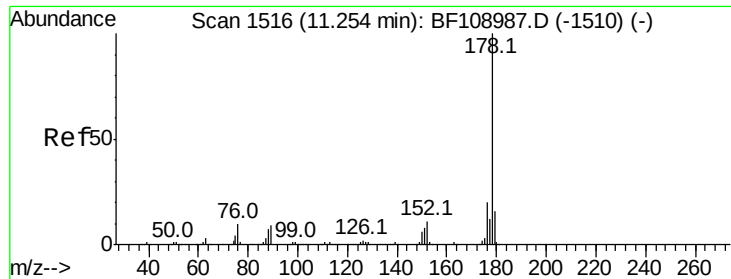
Acq: 17 Sep 2018 19:46

Tgt Ion:188	Resp:	330607
Ion Ratio	Lower	Upper
188 100		
94 9.5	8.5	12.7
80 9.7	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





#70

Phenanthrene

Concen: 3.708 ng

RT: 11.25 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Instrument :

BNA_F

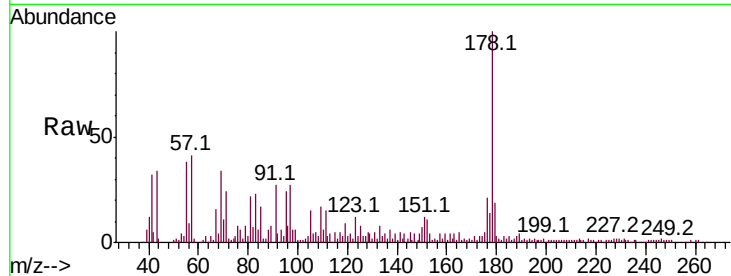
ClientSampled :

RB12983RT

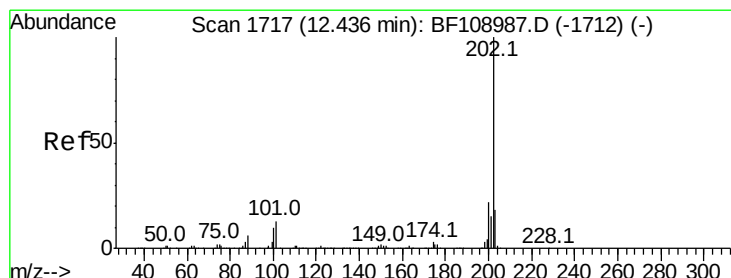
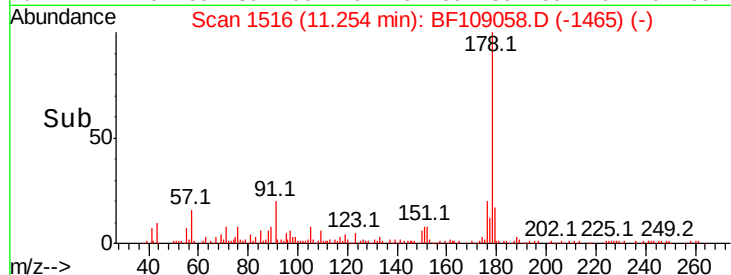
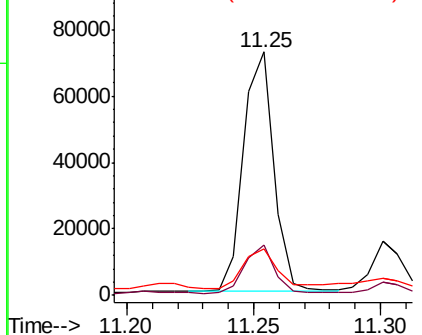
Tot Ion:	178	Resp:	60095
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.8	23.8
179	19.3	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.567 ng

RT: 12.44 min Scan# 1717

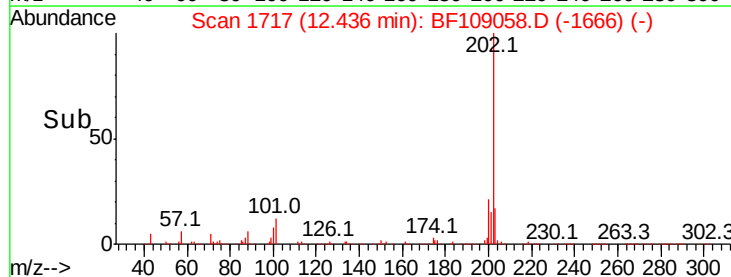
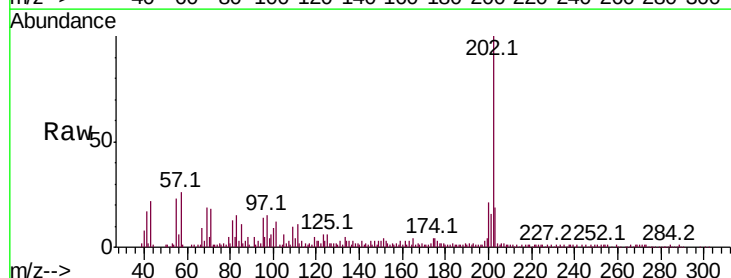
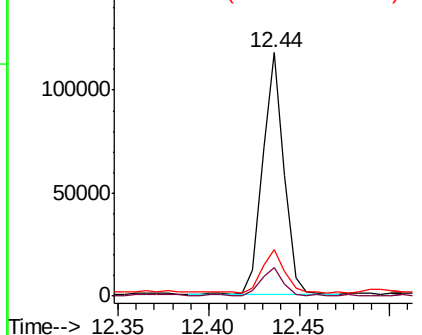
Delta R.T. -0.00 min

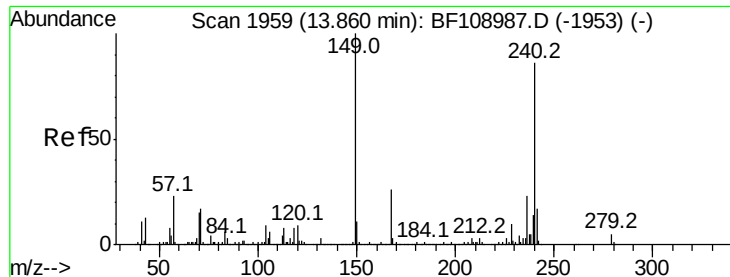
Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Tgt Ion:	202	Resp:	95251
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	18.9	0.0	38.1

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: BF109058.D

Acq: 17 Sep 2018 19:46

Instrument :

BNA_F

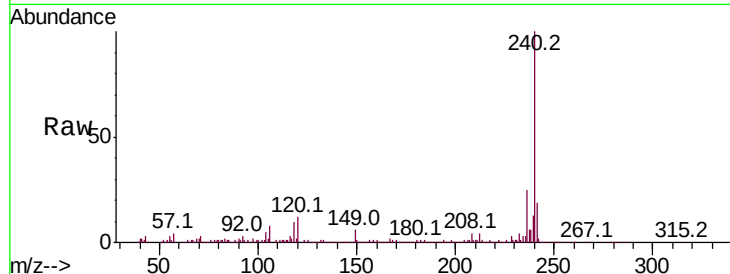
ClientSampleId :

RB12983RT

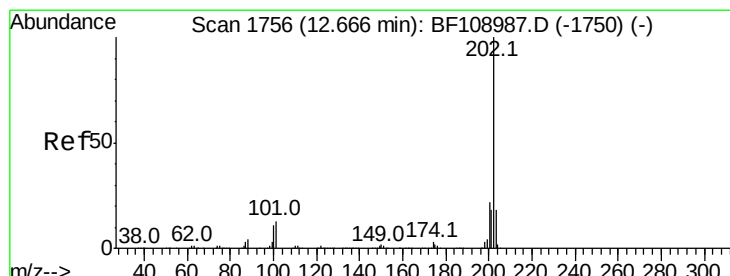
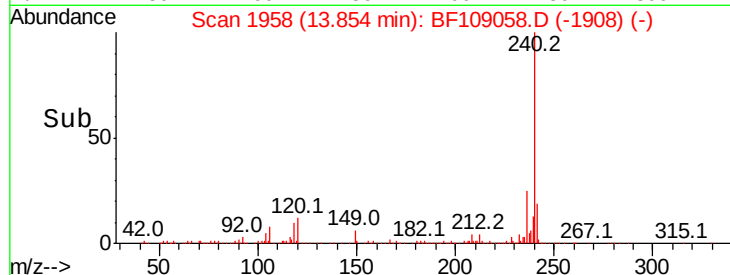
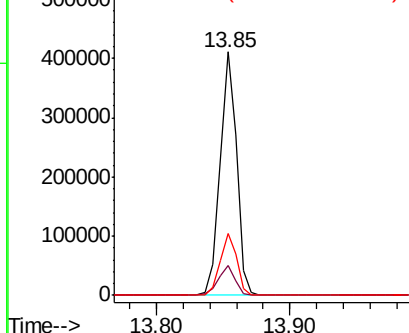
Tot Ion:	240	Resp:	362029
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1

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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: 3.530 ng

RT: 12.66 min Scan# 1755

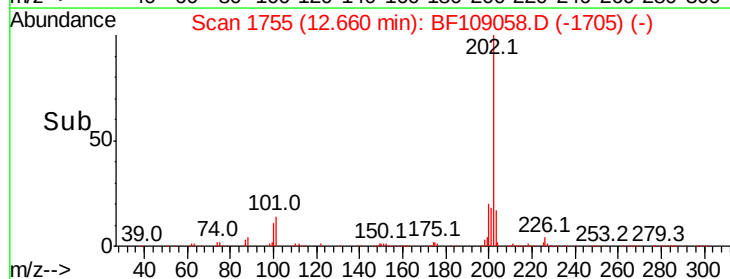
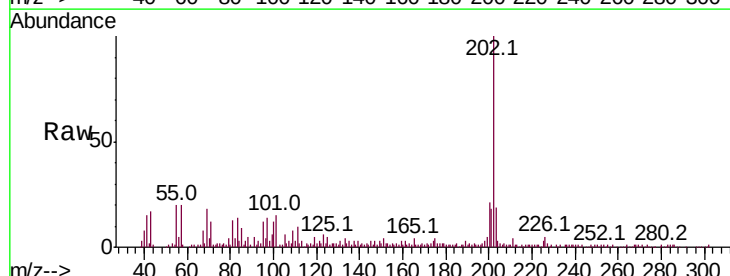
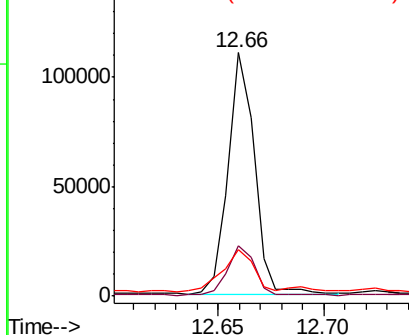
Delta R.T. -0.01 min

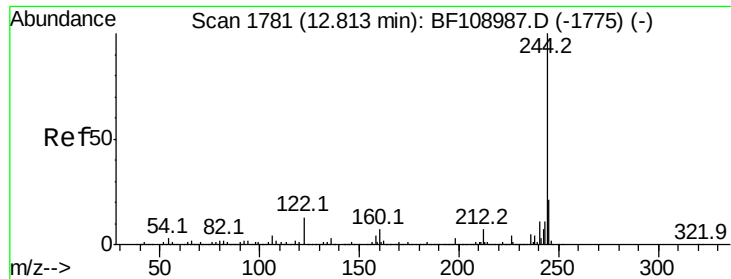
Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Tgt Ion:	202	Resp:	94914
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	19.1	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: 27.778 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Instrument :

BNA_F

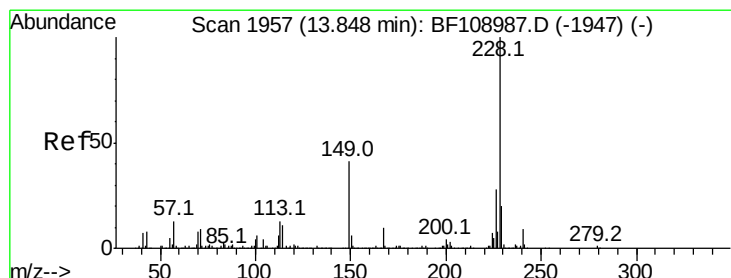
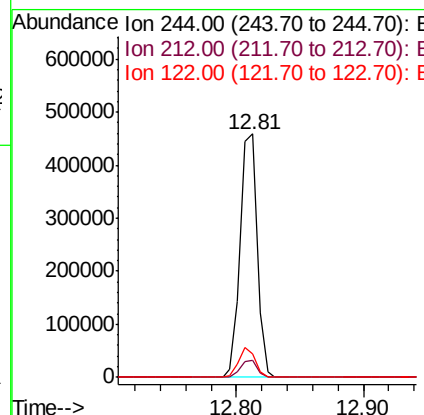
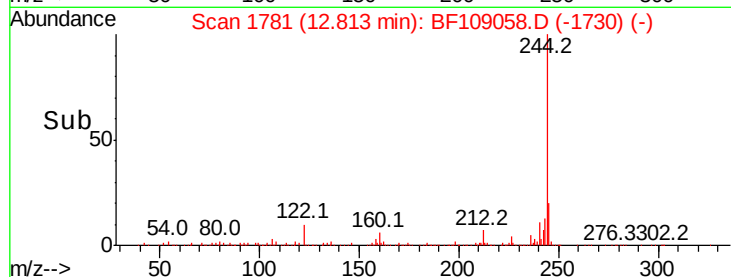
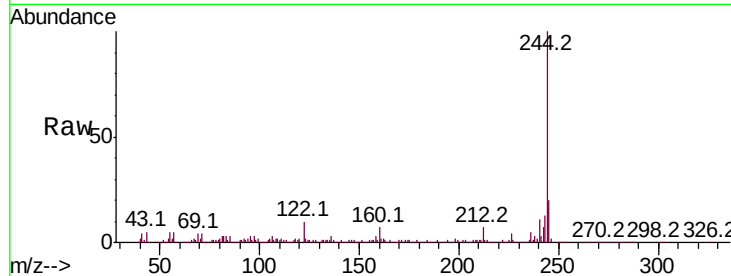
ClientSampleId :

RB12983RT

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.9	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.072 ng

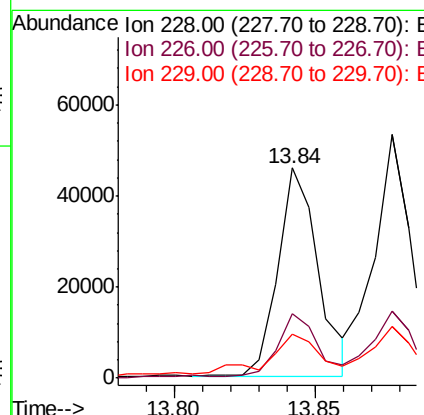
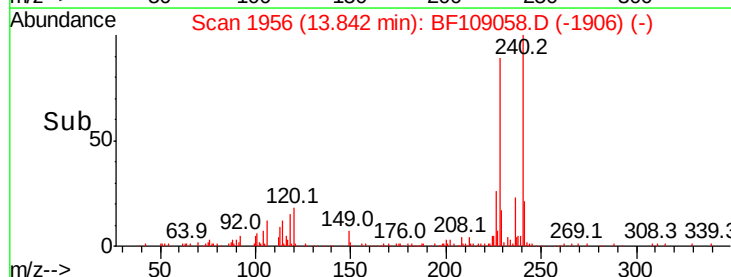
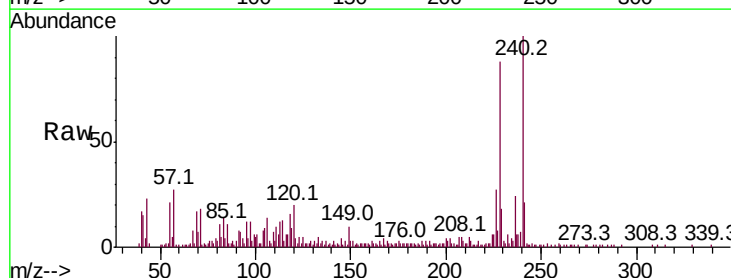
RT: 13.84 min Scan# 1956

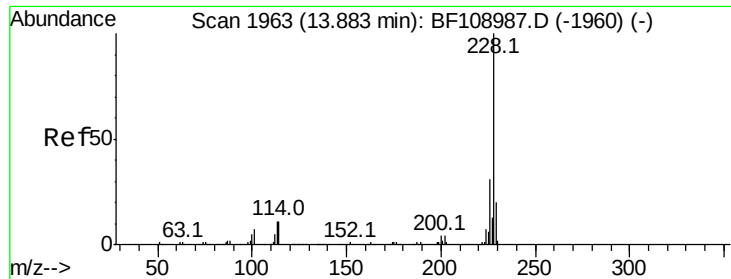
Delta R.T. -0.01 min

Lab File: BF109058.D

Acq: 17 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.0	15.8	23.6





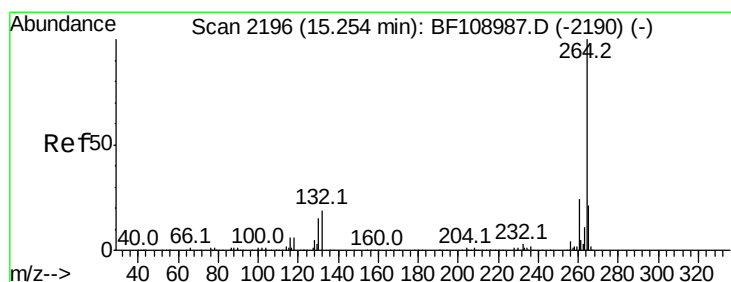
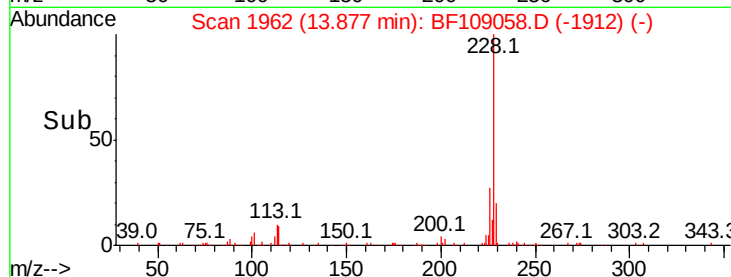
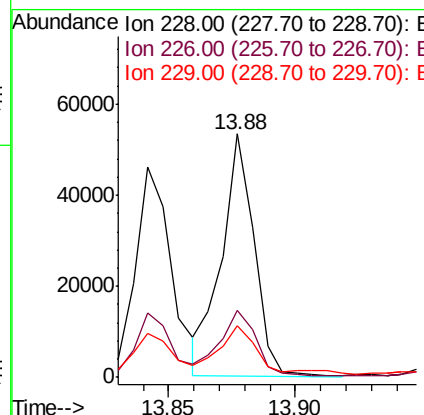
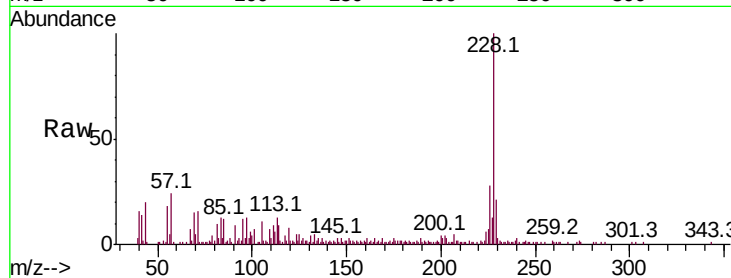
#82
Chrysene
Concen: 2.178 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Instrument :
BNA_F
ClientSampleId :
RB12983RT

Tot Ion:228	Resp:	47759
Ion Ratio	Lower	Upper
228 100		
226 27.6	25.0	37.6
229 21.0	16.2	24.4

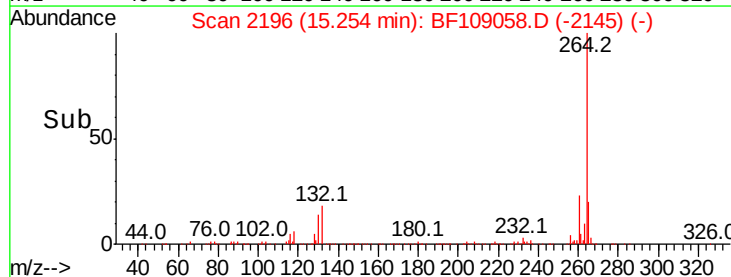
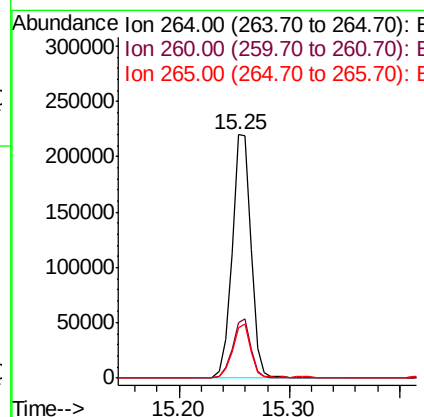
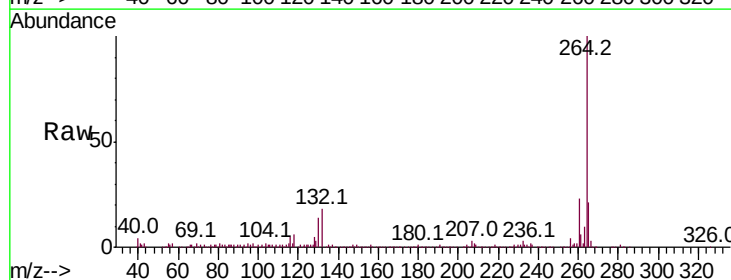
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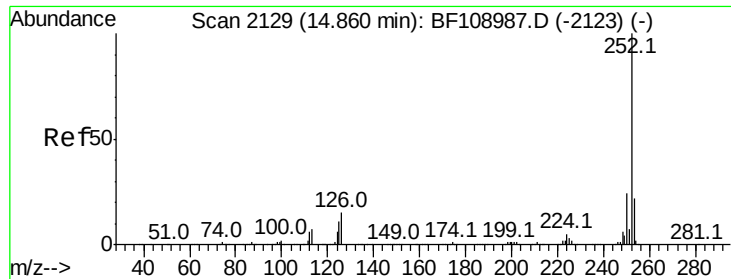
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Tgt Ion:264	Resp:	265430
Ion Ratio	Lower	Upper
264 100		
260 23.0	19.2	28.8
265 20.7	17.5	26.3





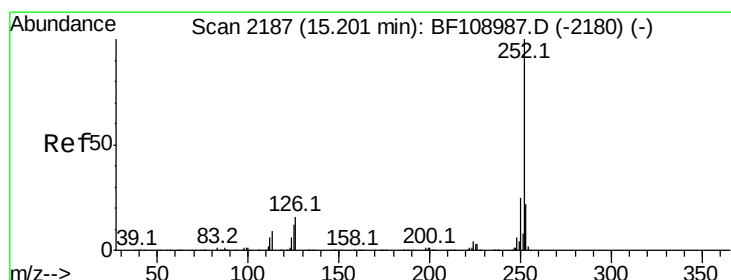
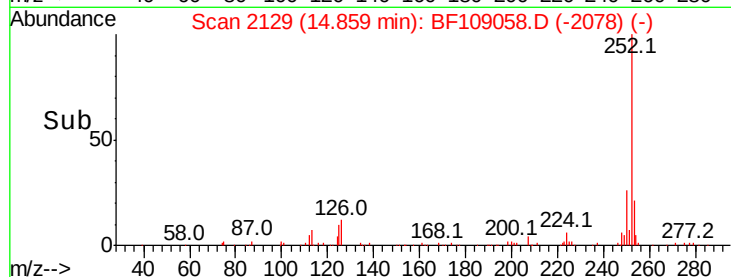
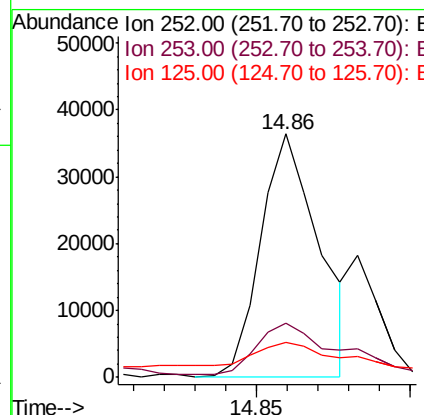
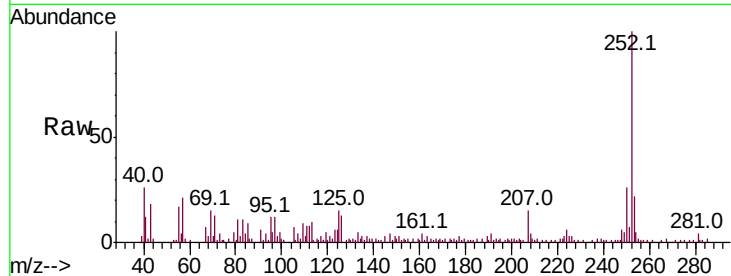
#87
Benzo(b)fluoranthene
Concen: 3.297 ng m
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Instrument :
BNA_F
ClientSampleId :
RB12983RT

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.6	9.0	13.6

Manual Integrations
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Sohil
9/18/2018 6:00:15 PM



#89
Benzo(a)pyrene
Concen: 2.312 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109058.D
Acq: 17 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	17.2	9.8	14.6

