

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109040.D
 Acq On : 17 Sep 2018 11:36
 Operator : JU/SJ
 Sample : J4941-04 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47198RT

Manual Integrations
 APPROVED

Sohil
 9/18/2018 5:59:53 PM

Quant Time: Sep 17 12:02:26 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	86979	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	358720	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	163025	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	248411	20.00	ng	0.00
75) Chrysene-d12	13.85	240	197377	20.00	ng	0.00
86) Perylene-d12	15.25	264	229883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	178630	34.11	ng	0.00
7) Phenol-d6	6.34	99	232292	34.40	ng	-0.02
23) Nitrobenzene-d5	7.27	82	161439	25.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	45794	25.88	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	285274	27.42	ng	-0.01
78) Terphenyl-d14	12.81	244	181861	21.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	41702	3.579	ng	98
74) Fluoranthene	12.44	202	37498	2.917	ng	91
77) Pyrene	12.66	202	32982	2.250	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.85	149	74579	9.406	ng	97
87) Benzo(b)fluoranthene	14.85	252	28422m	2.235	ng	
89) Benzo(a)pyrene	15.19	252	22638	2.004	ng	# 88

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

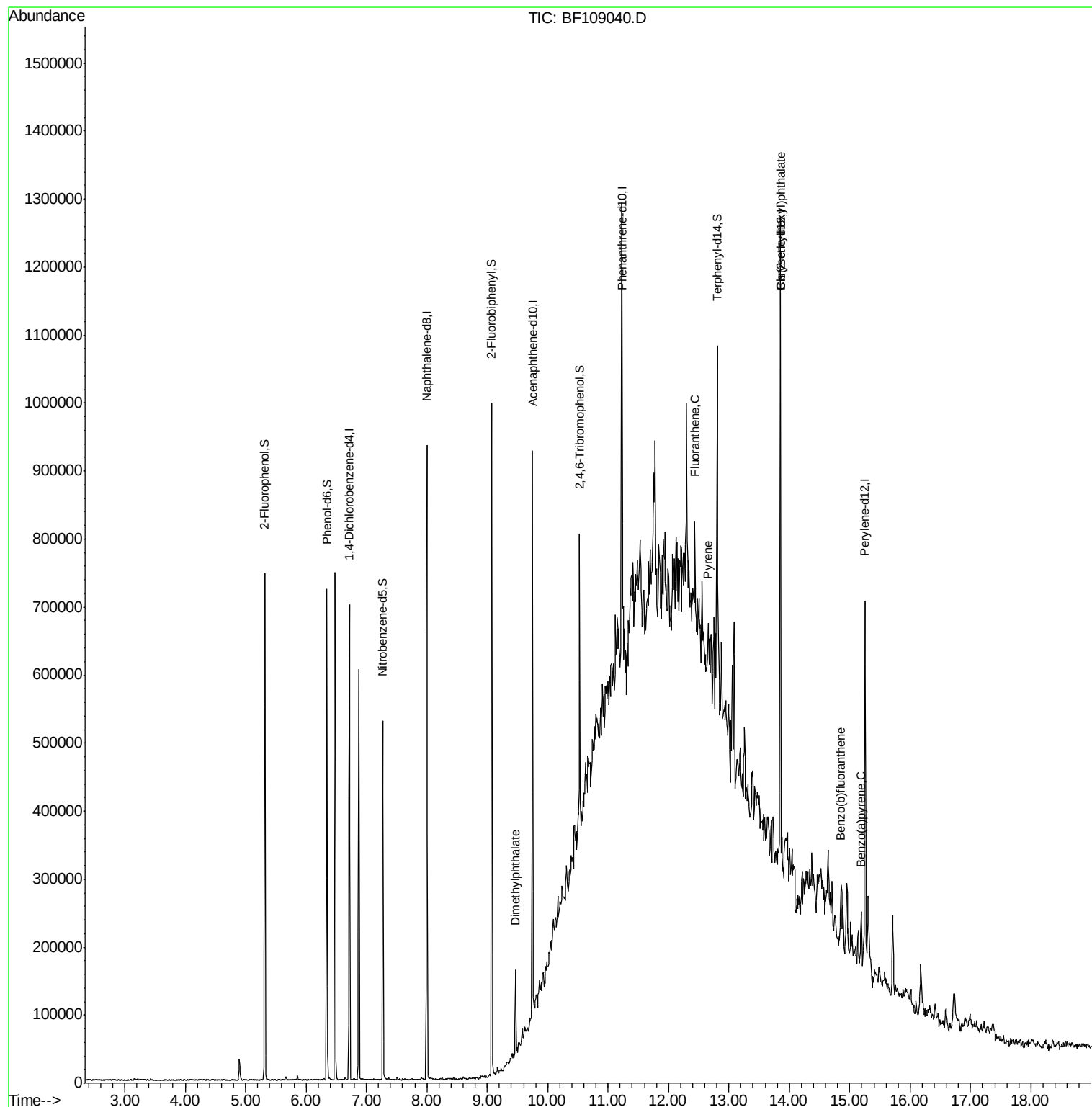
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
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ALS Vial : 4 Sample Multiplier: 1

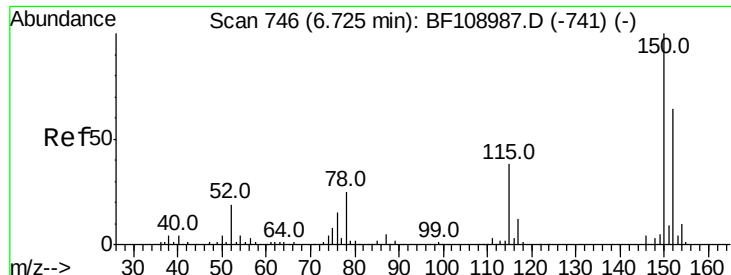
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

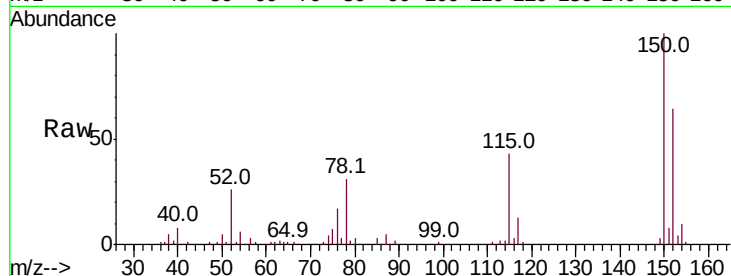
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Instrument :
BNA_F
ClientSampleId :
RB47198RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	67.6	50.1	75.1

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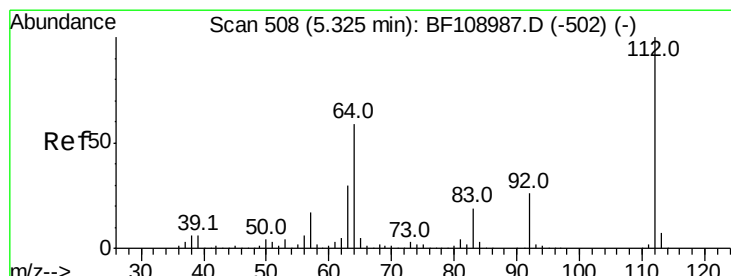
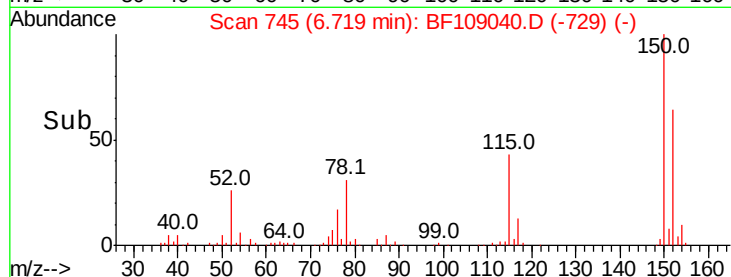
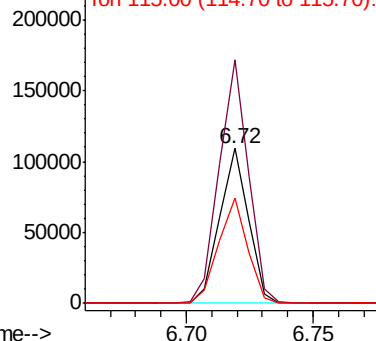


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

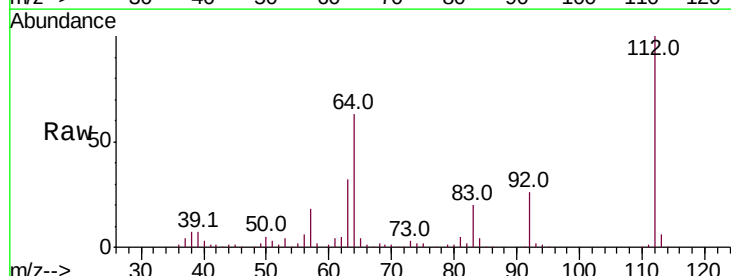
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.110 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.0	23.7	35.5

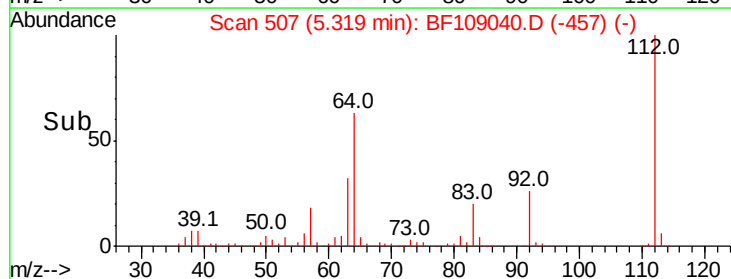
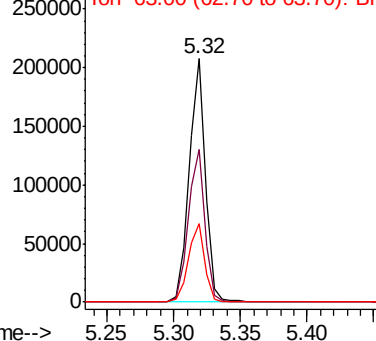


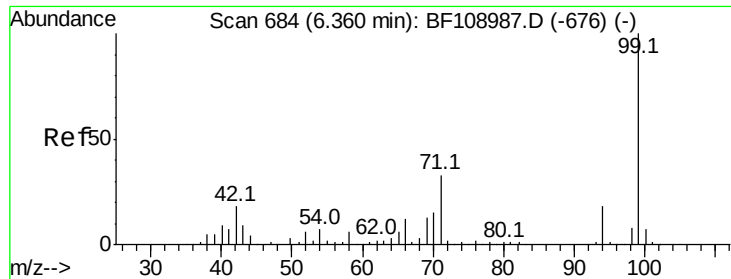
Abundance

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: 34.400 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

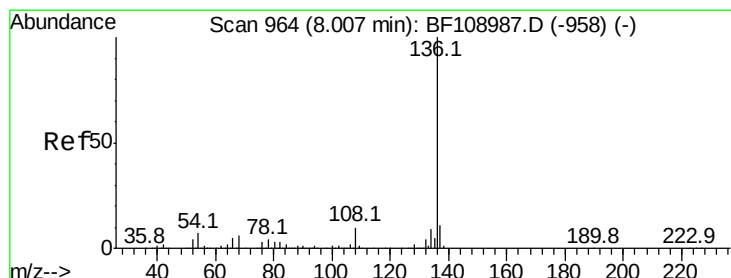
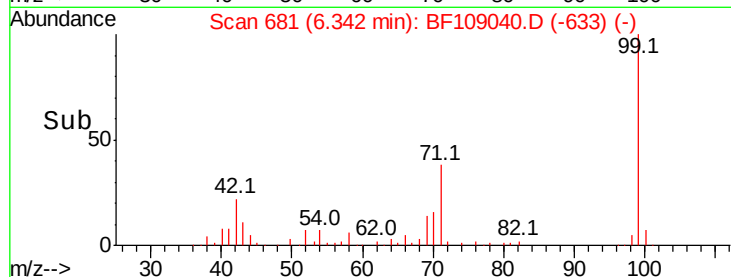
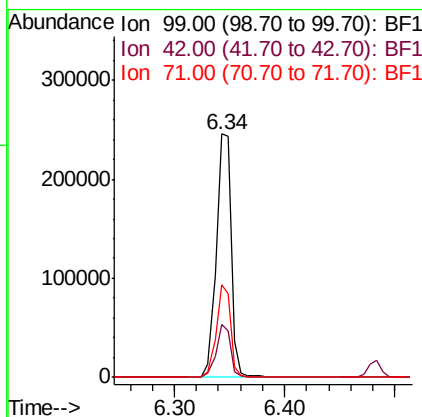
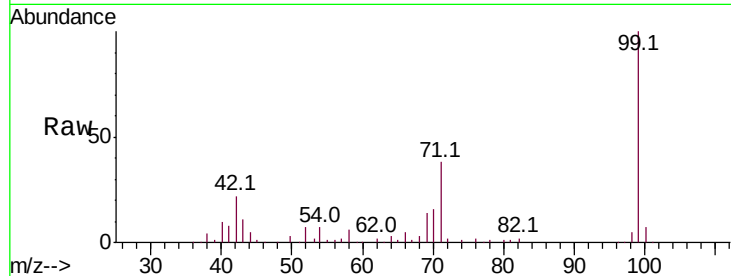
ClientSampleId :

RB47198RT

Tot Ion:	99	Resp:	232292
Ion Ratio	Lower	Upper	
99	100		
42	21.8	14.5	21.7#
71	37.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

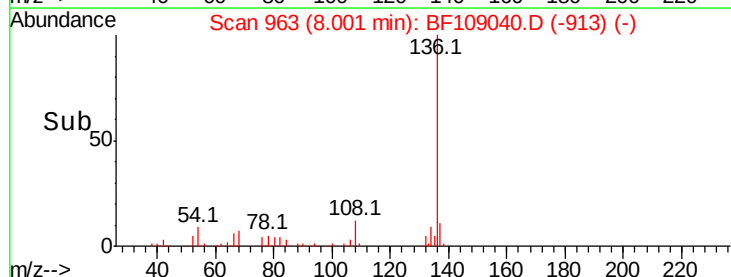
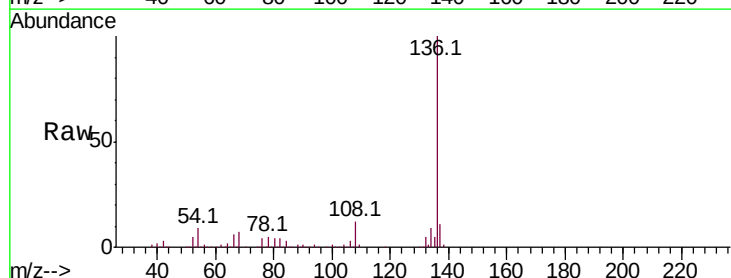
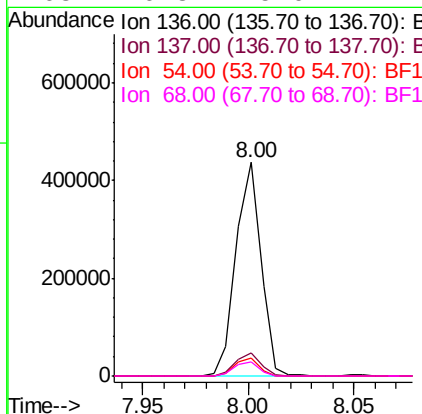
RT: 8.00 min Scan# 963

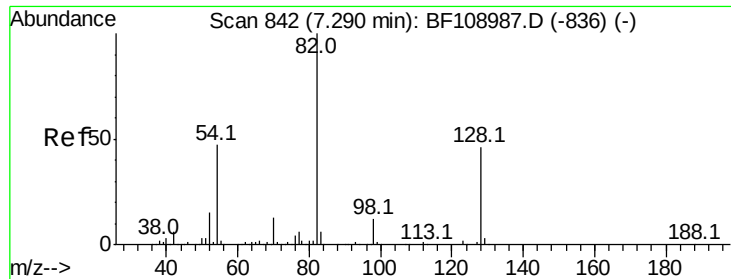
Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion:	136	Resp:	358720
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.8	5.0	7.4





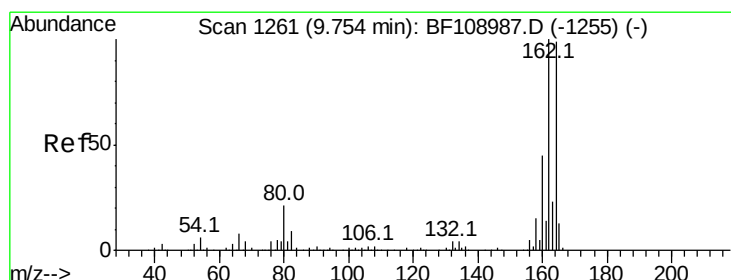
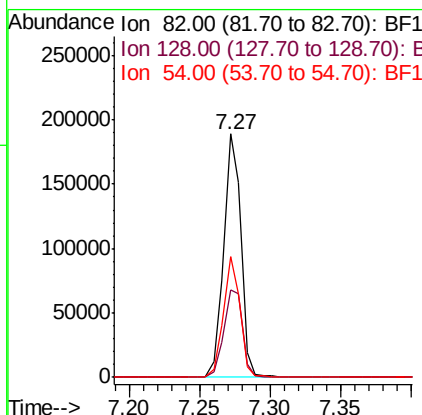
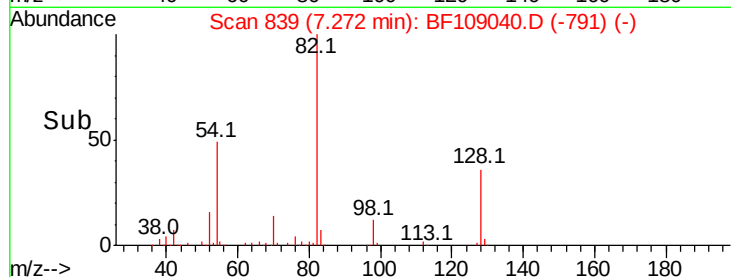
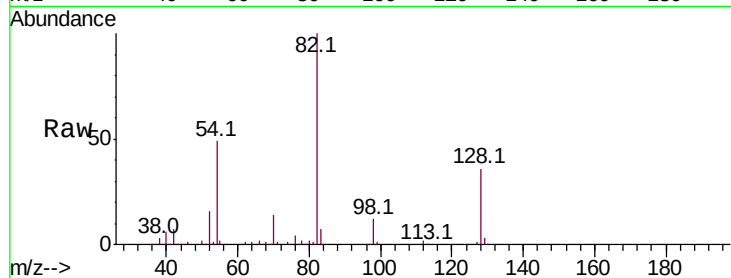
#23
 Nitrobenzene-d5
 Concen: 25.242 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Instrument :
 BNA_F
 ClientSampleId :
 RB47198RT

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	49.5	41.4	62.2

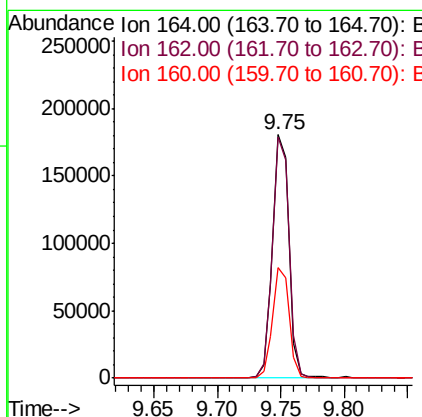
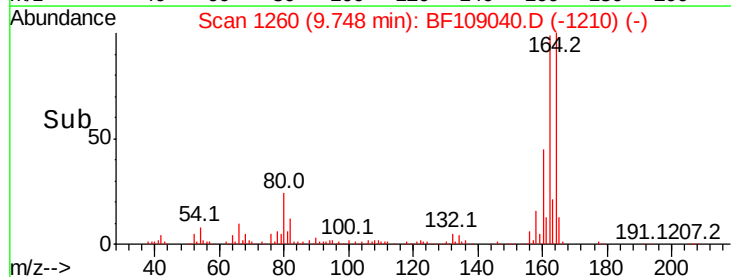
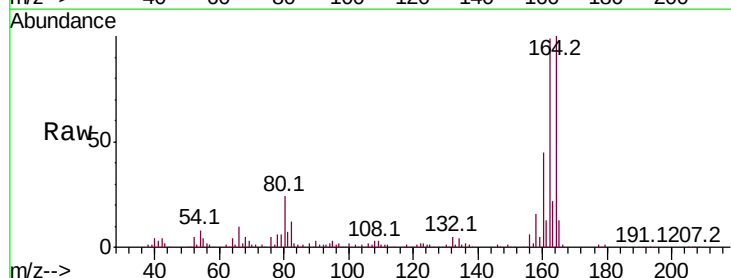
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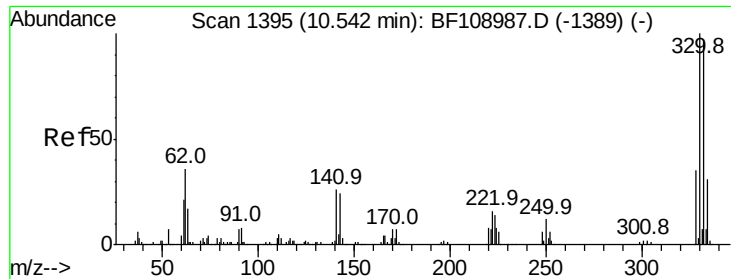
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.1	129.1
160	45.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 25.883 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

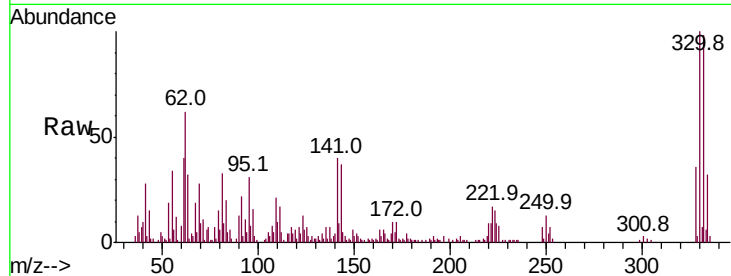
RB47198RT

Tot Ion:	330	Resp:	45794
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	41.0	29.9	44.9

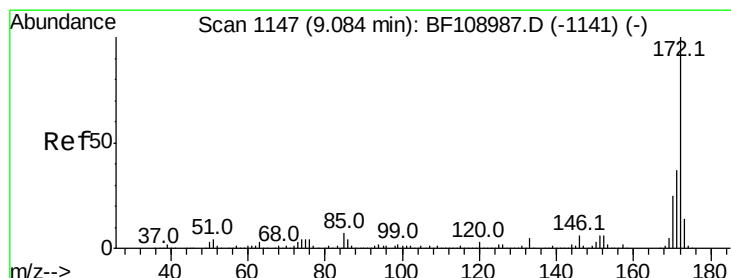
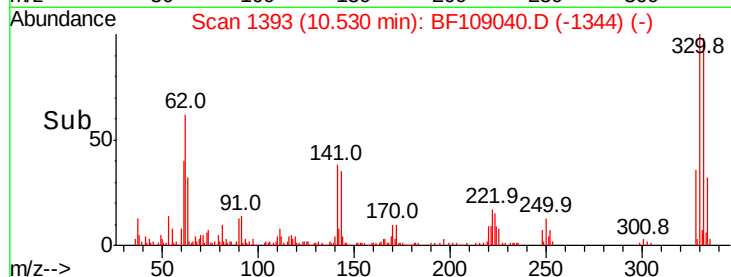
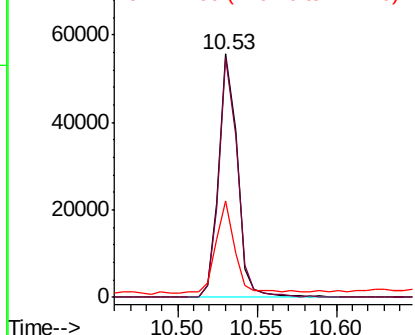
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 27.416 ng

RT: 9.07 min Scan# 1145

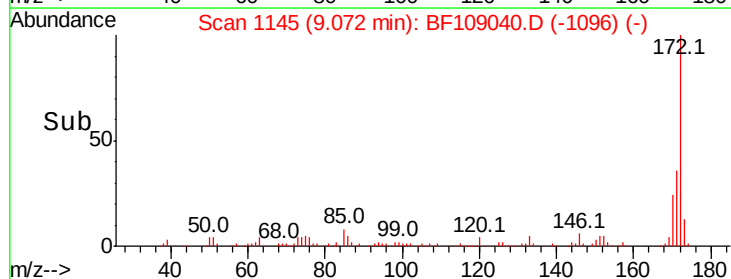
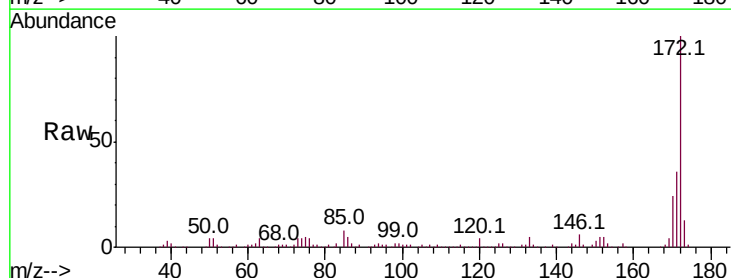
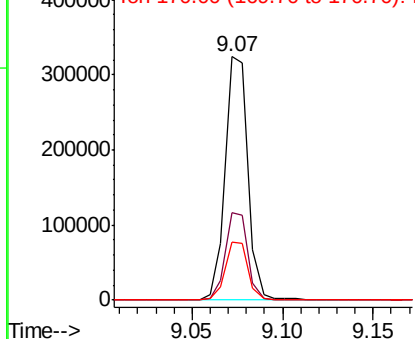
Delta R.T. -0.01 min

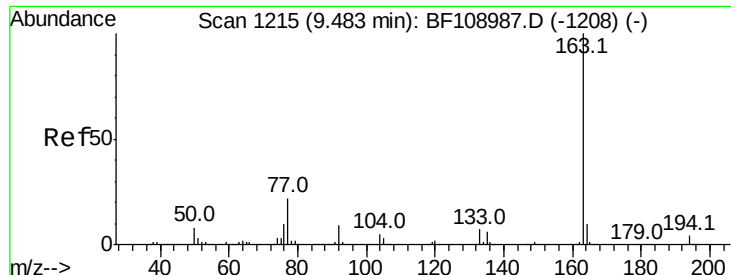
Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion:	172	Resp:	285274
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.9	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





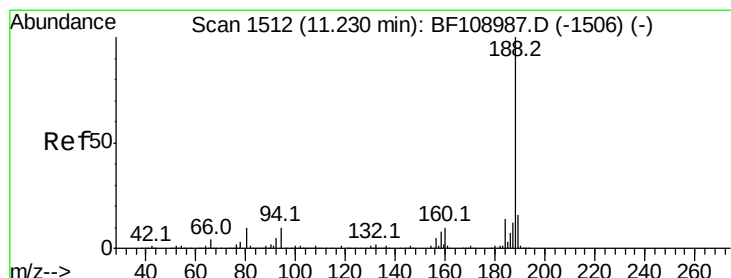
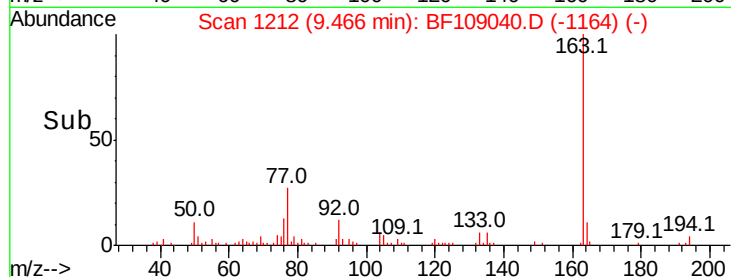
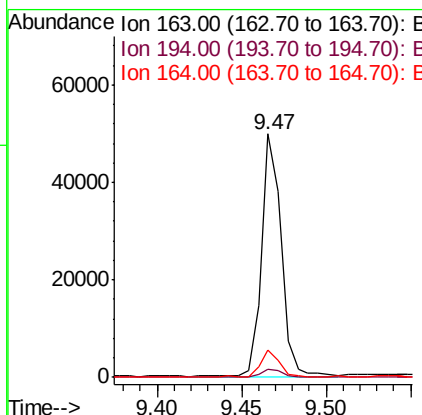
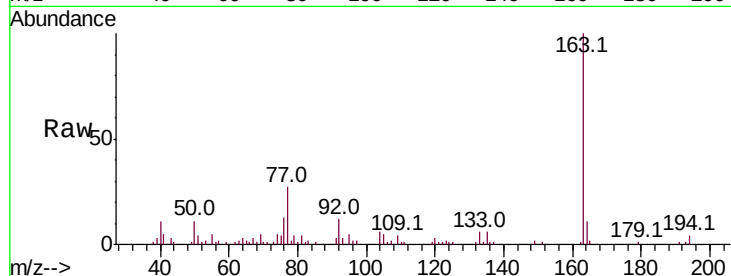
#49
Dimethylphthalate
Concen: 3.579 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Instrument :
BNA_F
ClientSampleId :
RB47198RT

Tot Ion	Ratio	Resp	Lower	Upper
163	100	41702		
194	3.5		2.7	4.1
164	11.3		8.2	12.2

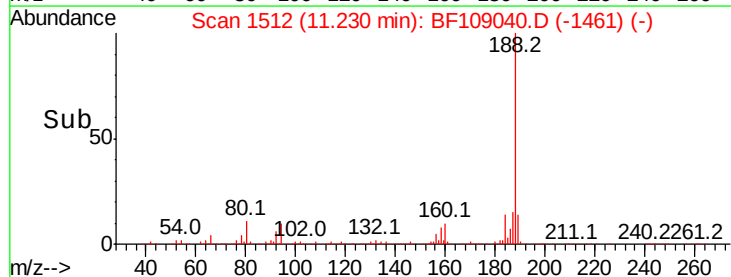
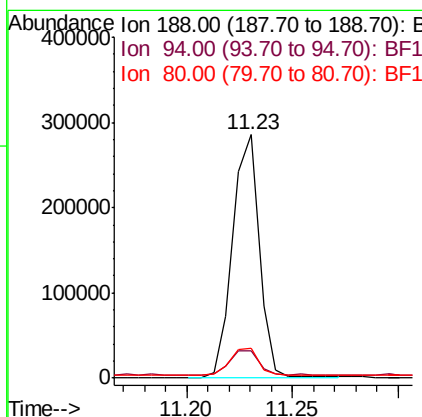
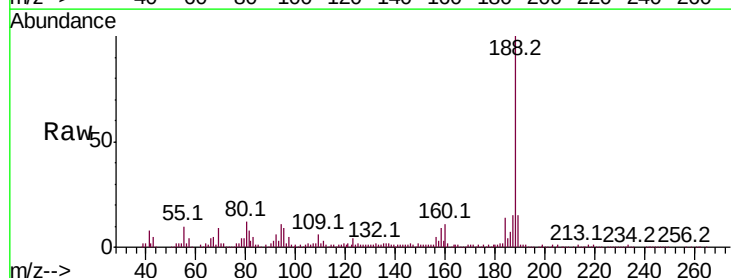
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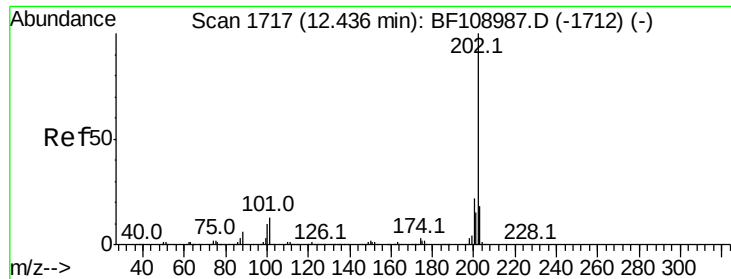
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	248411		
94	11.0		8.5	12.7
80	12.0		9.2	13.8





#74

Fluoranthene

Concen: 2.917 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

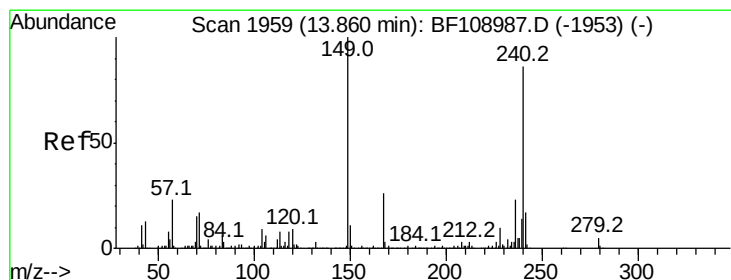
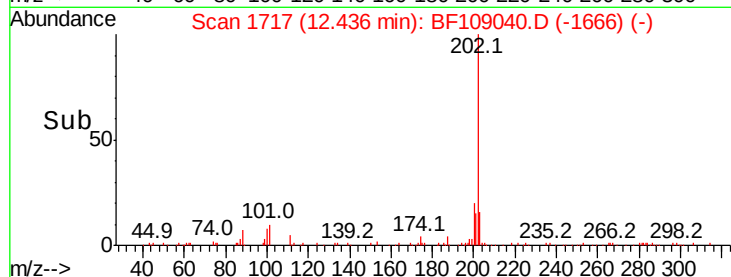
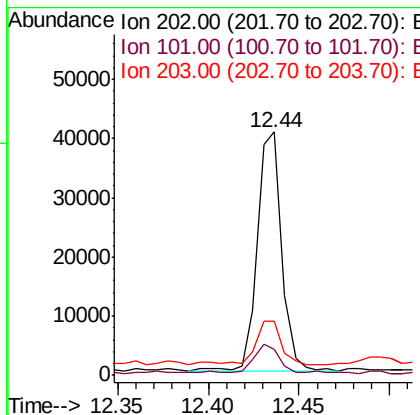
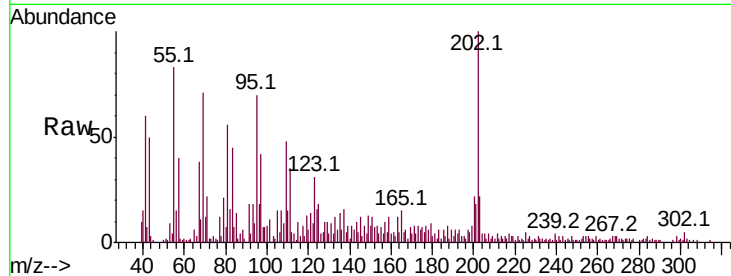
ClientSampled :

RB47198RT

Tot Ion:	202	Resp:	37498
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	22.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

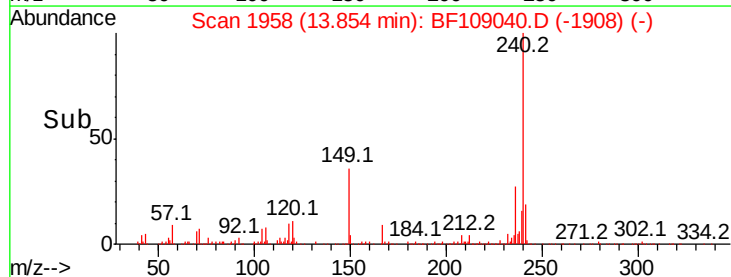
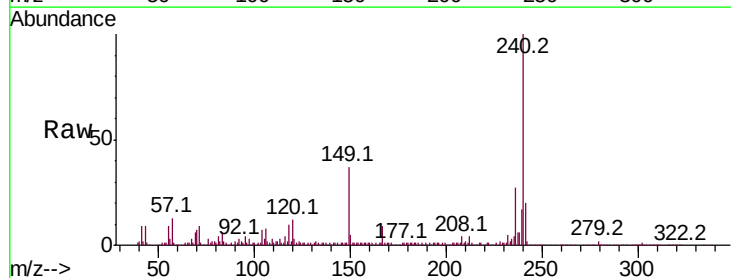
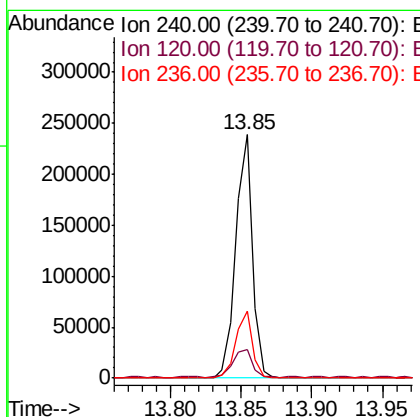
RT: 13.85 min Scan# 1958

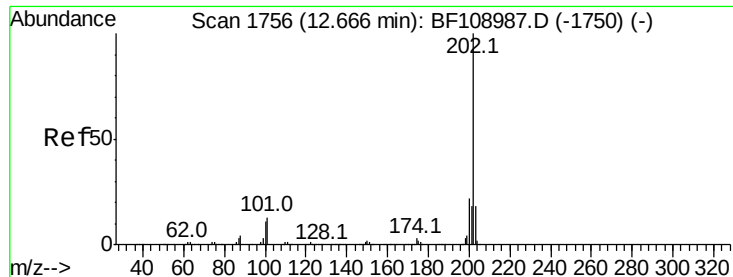
Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion:	240	Resp:	197377
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	27.3	20.7	31.1





#77

Pvrene

Concen: 2.250 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

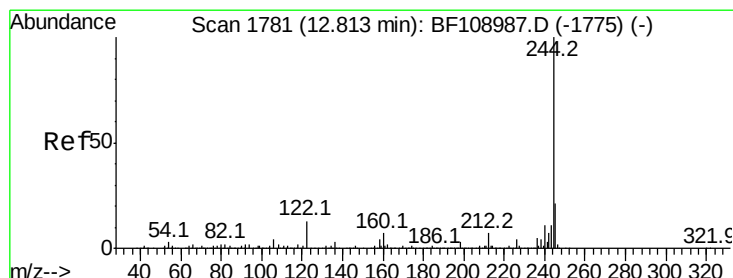
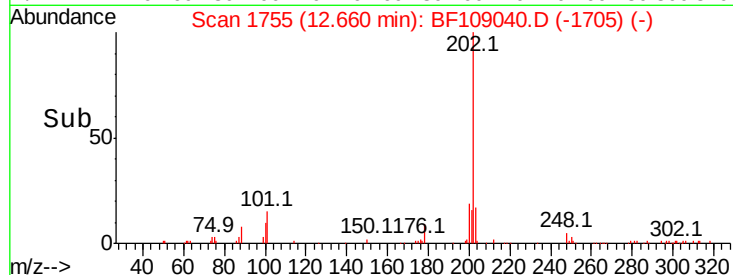
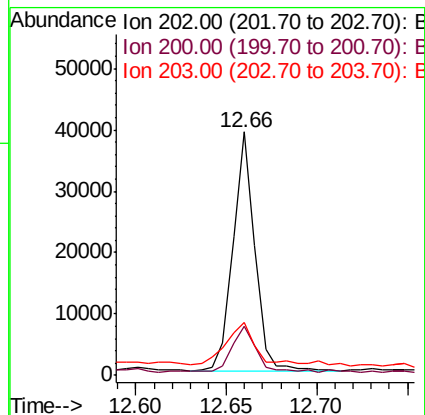
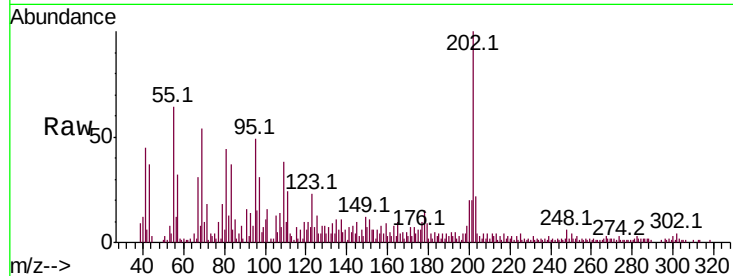
ClientSampleId :

RB47198RT

Tot Ion:	202	Resp:	32982
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	21.8	14.3	21.5#

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#78

Terphenyl-d14

Concen: 21.839 ng

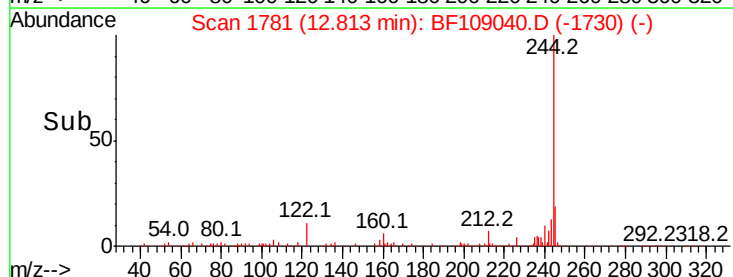
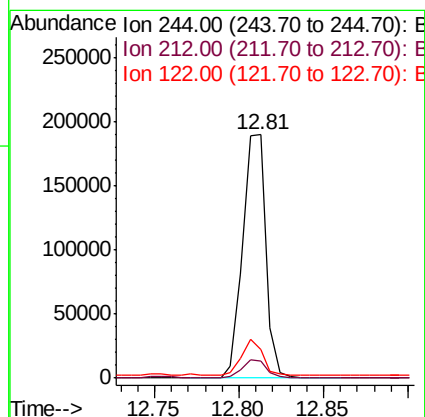
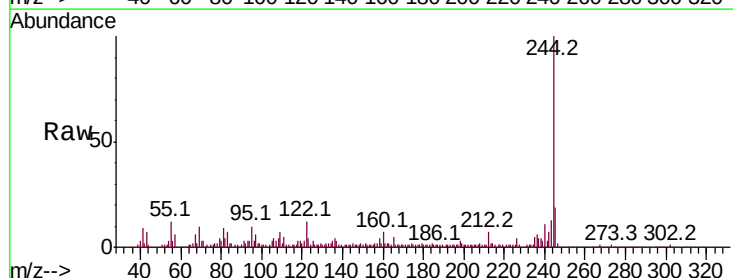
RT: 12.81 min Scan# 1781

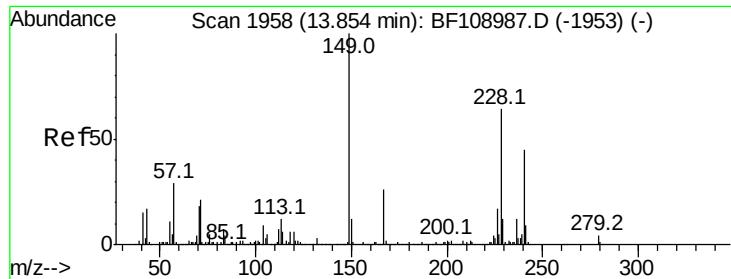
Delta R.T. -0.00 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion:	244	Resp:	181861
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4





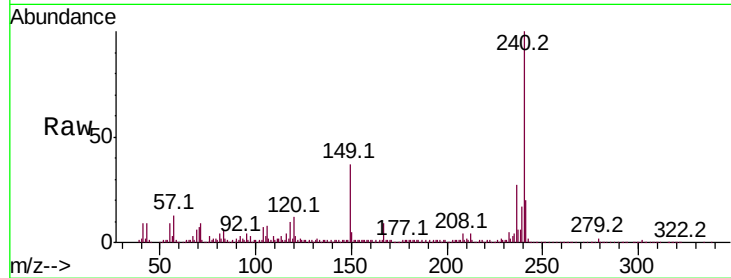
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.406 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Instrument :
BNA_F
ClientSampleId :
RB47198RT

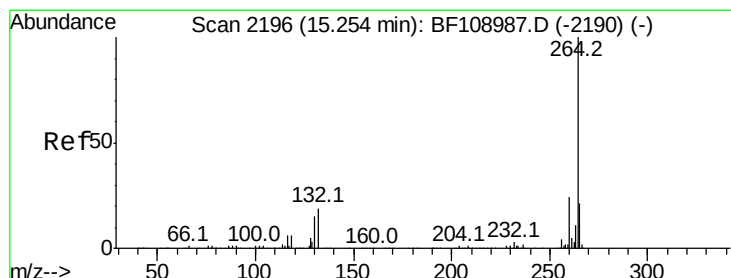
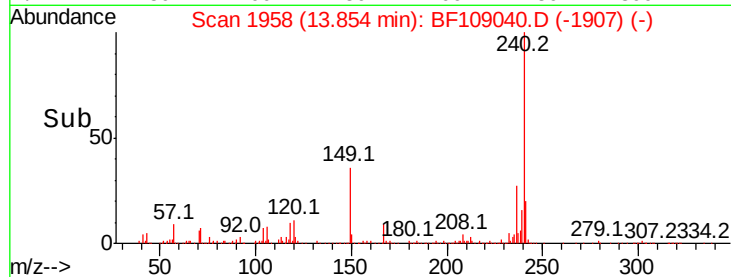
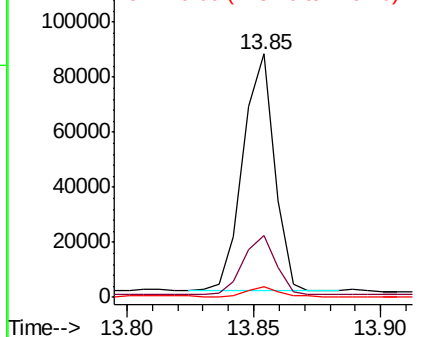
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.3	31.9
279	4.1	3.0	4.4

Manual Integrations
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Sohil
9/18/2018 5:59:53 PM

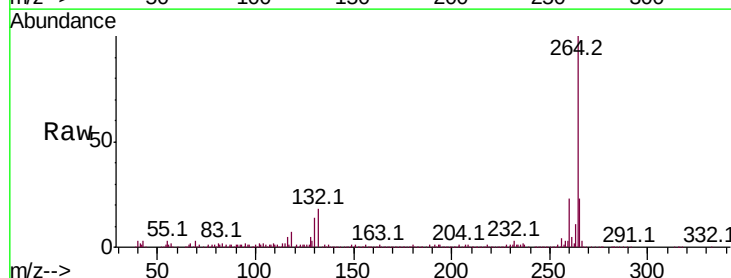


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

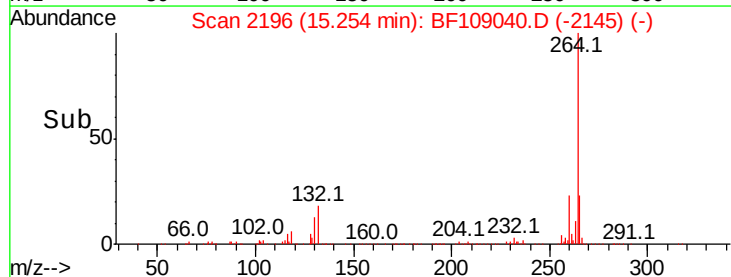
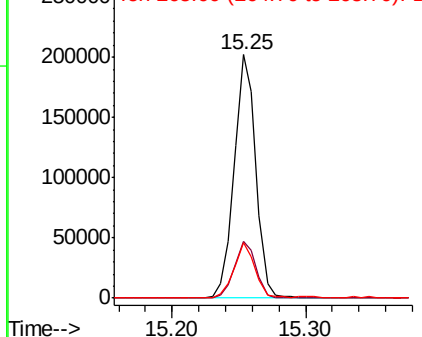


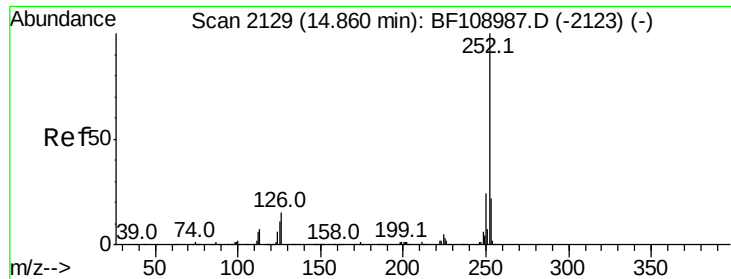
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.235 ng/mL

RT: 14.85 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

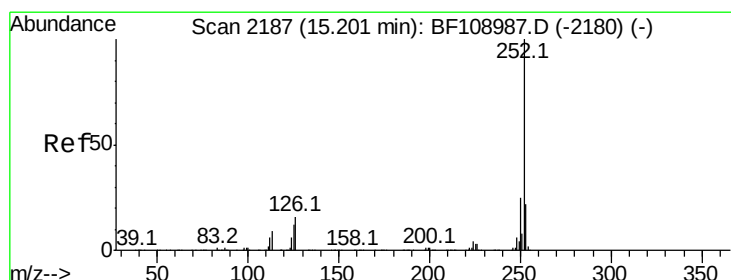
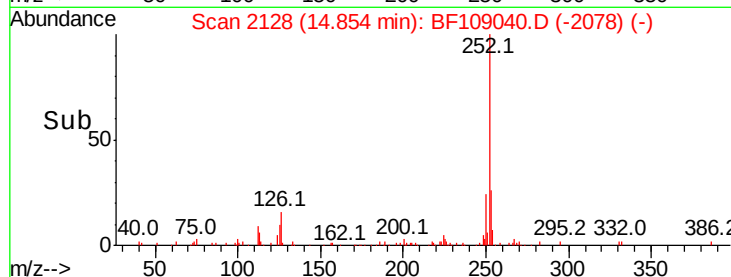
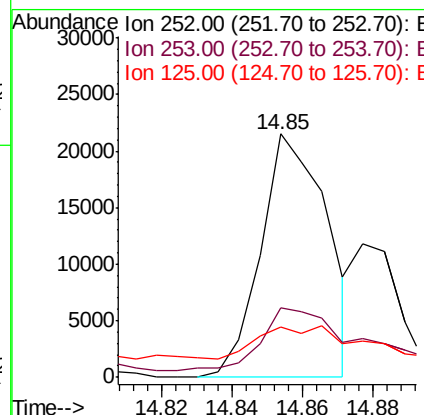
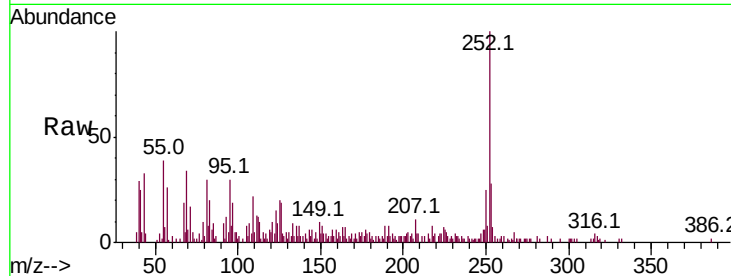
ClientSampleId :

RB47198RT

Tot Ion:	252	Resp:	28422
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.0	25.6#
125	20.5	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/18/2018 5:59:53 PM



#89

Benzo(a)pyrene

Concen: 2.004 ng/mL

RT: 15.19 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion:	252	Resp:	22638
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	21.1	9.8	14.6#

