

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109147.D
 Acq On : 19 Sep 2018 16:55
 Operator : JU/SJ
 Sample : J4962-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 291-11984RE

Manual Integrations
 APPROVED

Sohil
 9/20/2018 10:06:42 AM

Quant Time: Sep 19 18:07:15 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	125872	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	459349	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	191471	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	319653	20.00	ng	0.00
75) Chrysene-d12	13.86	240	321700	20.00	ng	0.00
86) Perylene-d12	15.27	264	307149	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	274719	36.25	ng	0.00
7) Phenol-d6	6.35	99	452826	46.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	279487	34.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	26075	12.55	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	589336	48.22	ng	0.00
78) Terphenyl-d14	12.81	244	504756	37.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	78305	5.722	ng	Qvalue # 99
70) Phenanthrene	11.25	178	63452	4.049	ng	97
74) Fluoranthene	12.44	202	84013	5.079	ng	95
77) Pyrene	12.66	202	94743	3.965	ng	98
80) Benzo(a)anthracene	13.85	228	39988	2.053	ng	96
82) Chrysene	13.88	228	44365	2.277	ng	97
87) Benzo(b)fluoranthene	14.87	252	46558m	2.740	ng	
89) Benzo(a)pyrene	15.20	252	34512	2.287	ng	# 89

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

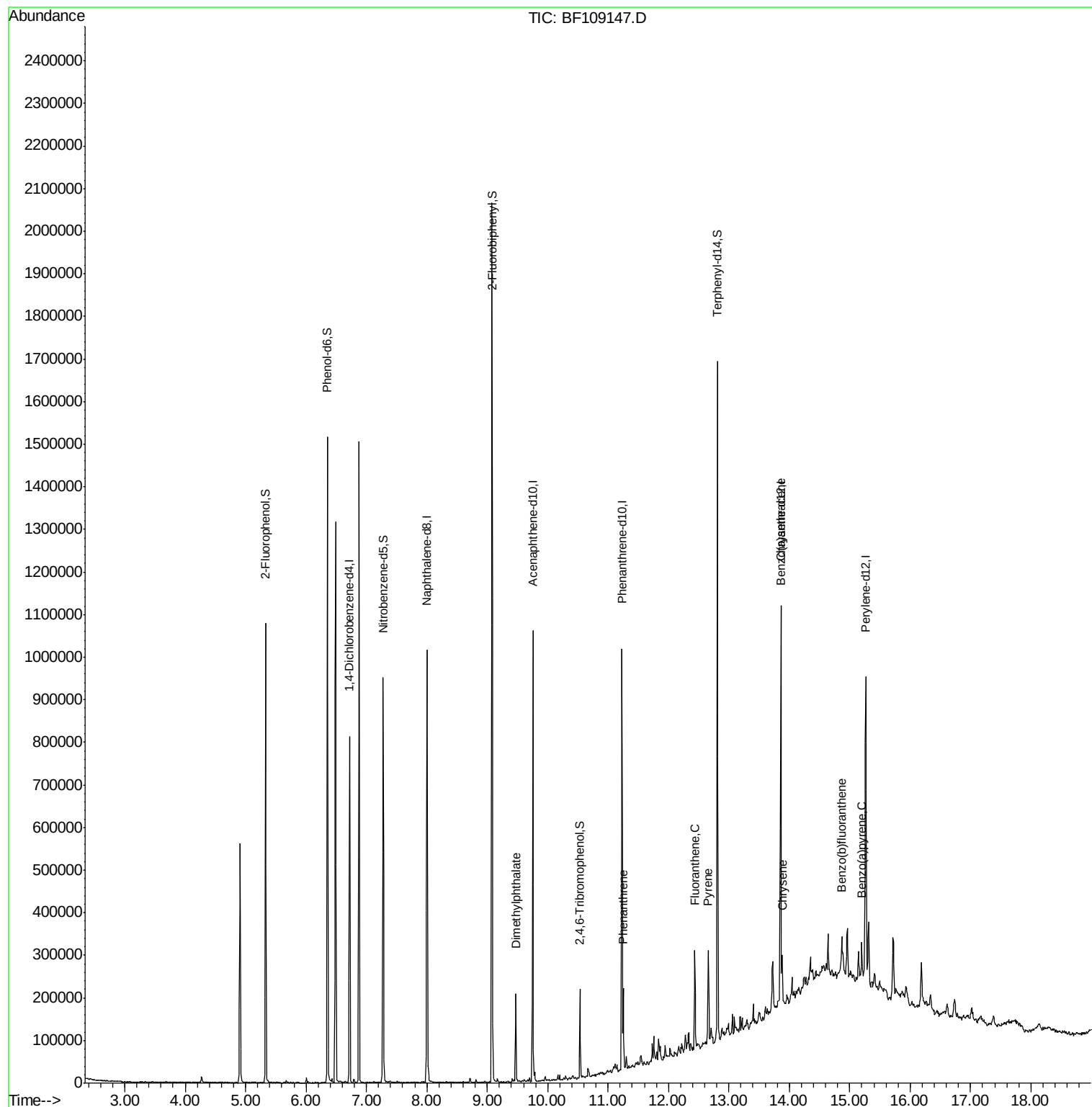
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109147.D
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Sample : J4962-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

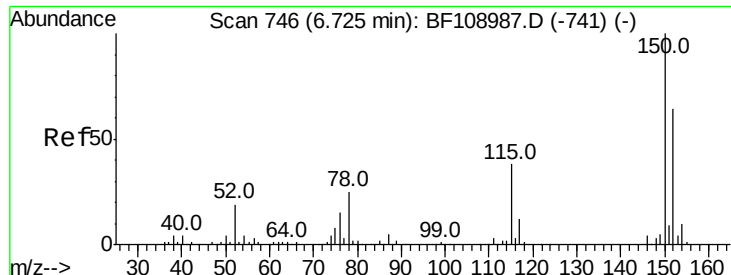
Instrument :
BNA_F
ClientSampleId :
291-11984RE

Manual Integrations
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9/20/2018 10:06:42 AM

Quant Time: Sep 19 18:07:15 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
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#1

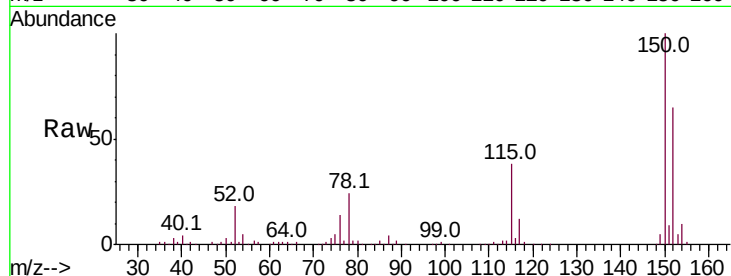
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :
291-11984RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	58.2	50.1	75.1

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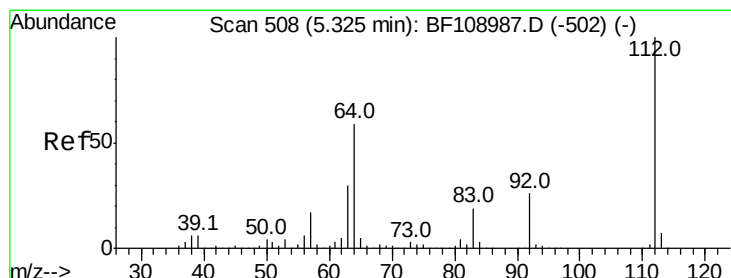
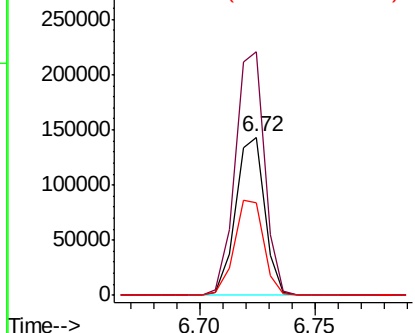
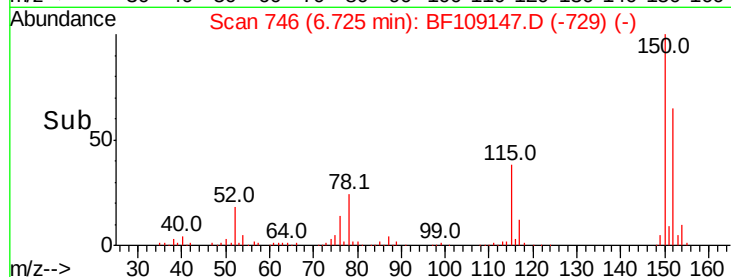


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

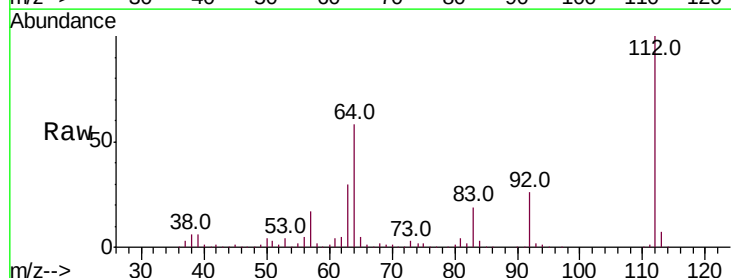
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.249 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.2	23.7	35.5

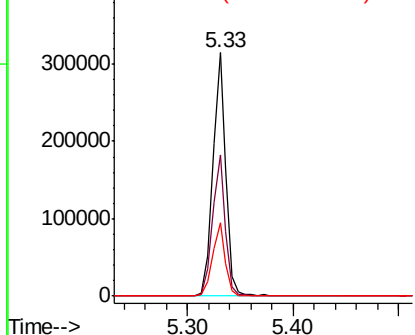
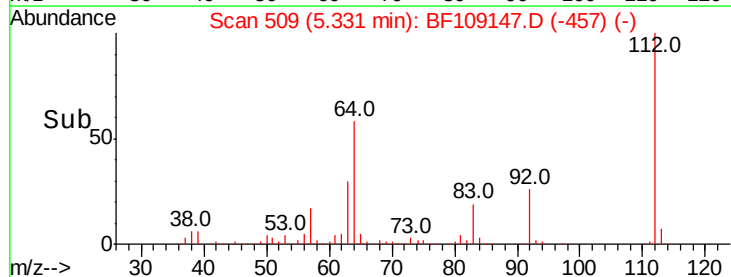


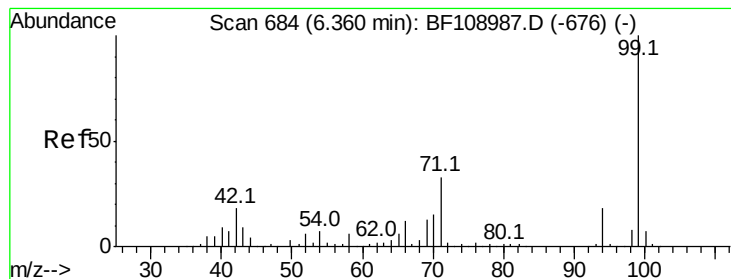
Abundance

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





#7

Phenol-d6

Concen: 46.338 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Instrument :

BNA_F

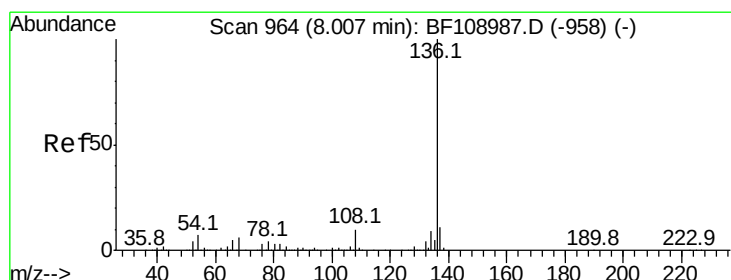
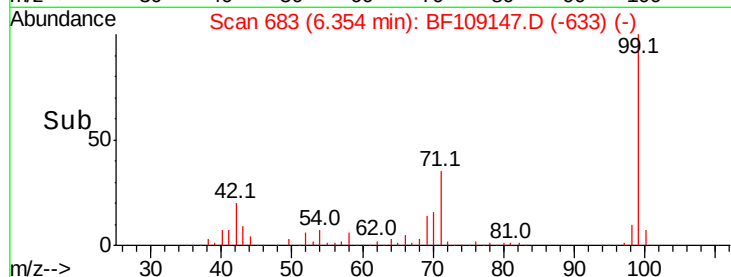
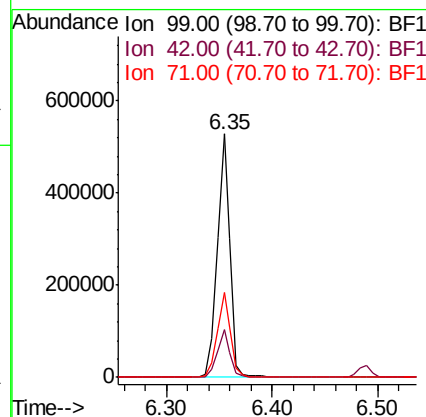
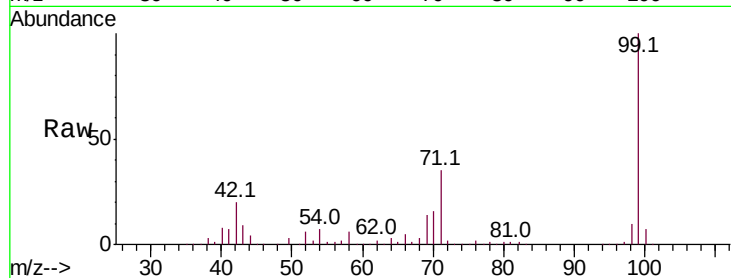
ClientSampleId :

291-11984RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		452826		
42	19.6	14.5	21.7		
71	35.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

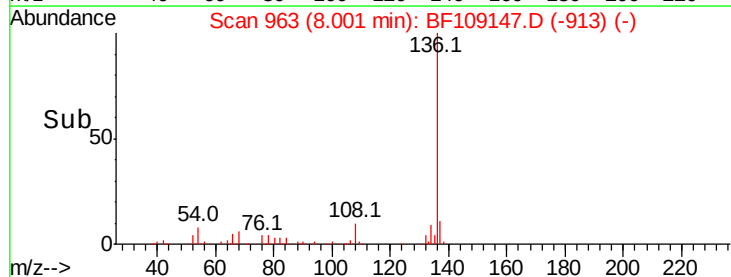
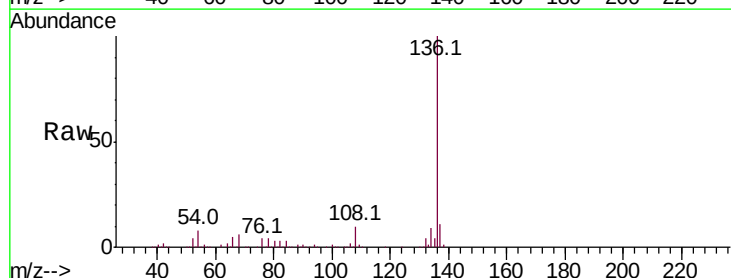
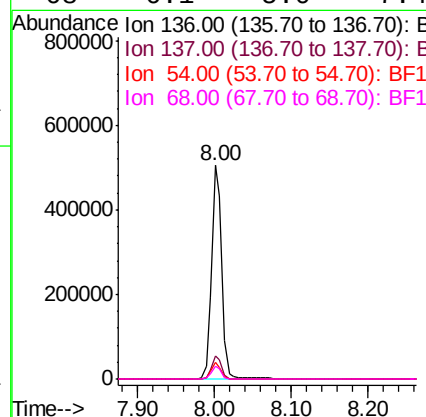
RT: 8.00 min Scan# 963

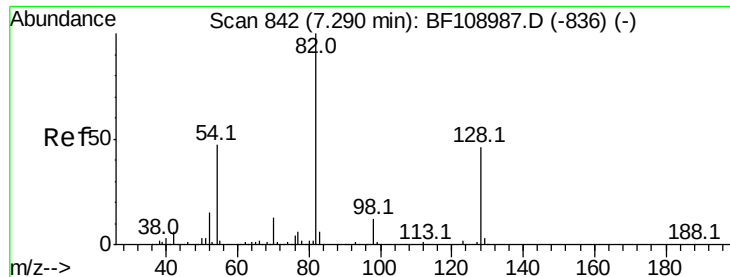
Delta R.T. -0.01 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		459349		
137	11.0	8.9	13.3		
54	7.5	6.6	9.8		
68	6.1	5.0	7.4		





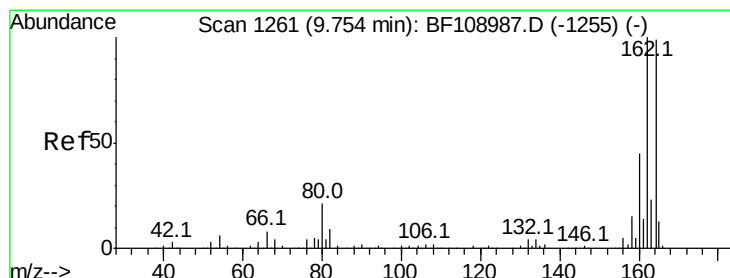
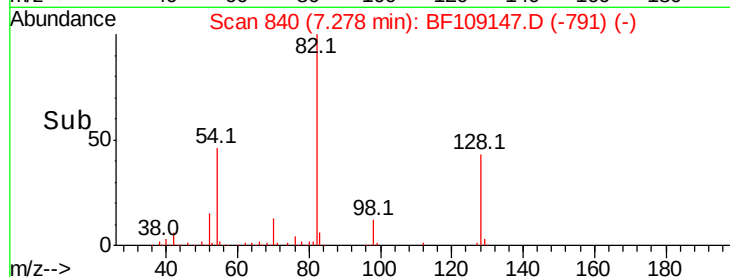
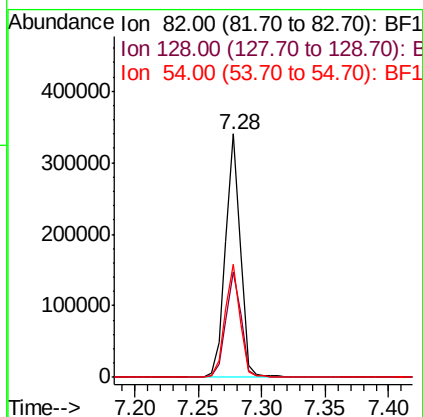
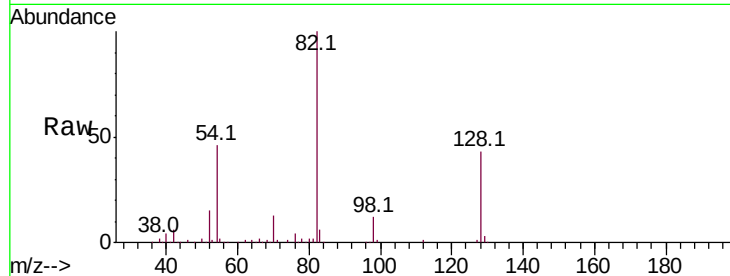
#23
Nitrobenzene-d5
Concen: 34.126 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampled :
291-11984RE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	279487		
128	43.3	36.1	54.1	
54	46.4	41.4	62.2	

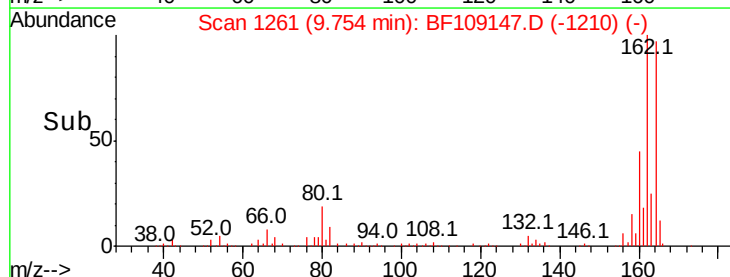
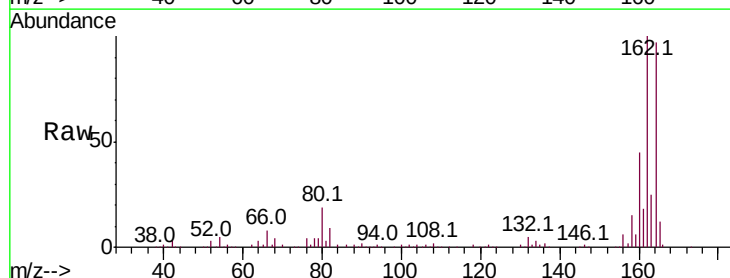
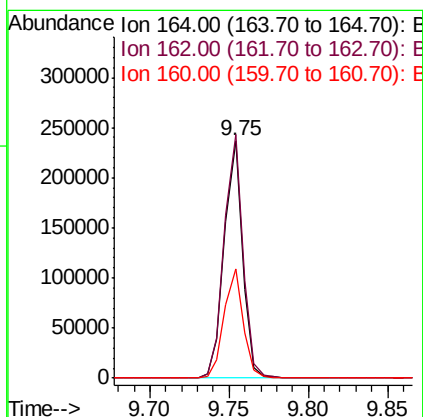
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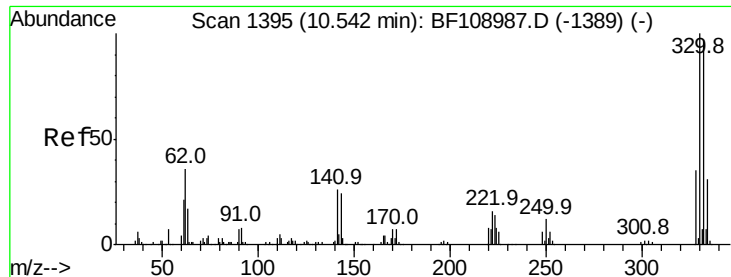
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191471		
162	102.6	86.1	129.1	
160	46.0	38.3	57.5	





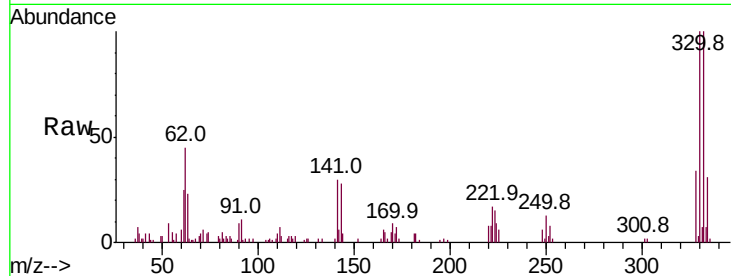
#41
 2,4,6-Tribromophenol
 Concen: 12.548 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109147.D
 Acq: 19 Sep 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 291-11984RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	26075		
332	94.2		77.0	115.6
141	33.9		29.9	44.9

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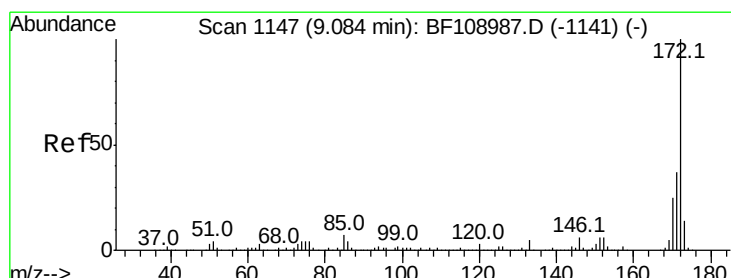
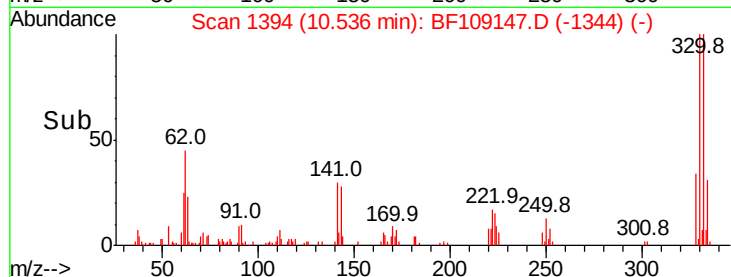
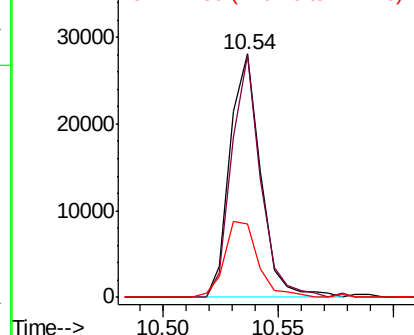


Abundance

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: 48.223 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109147.D
 Acq: 19 Sep 2018 16:55

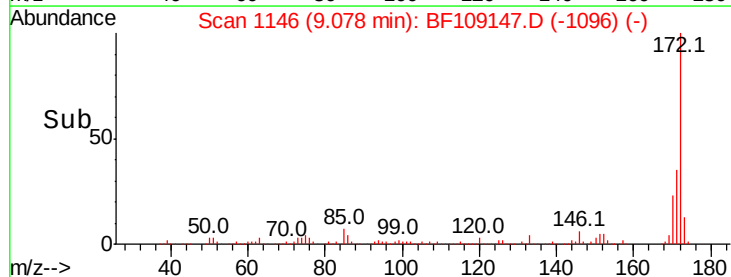
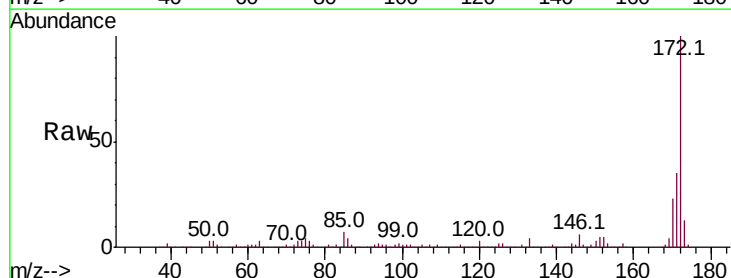
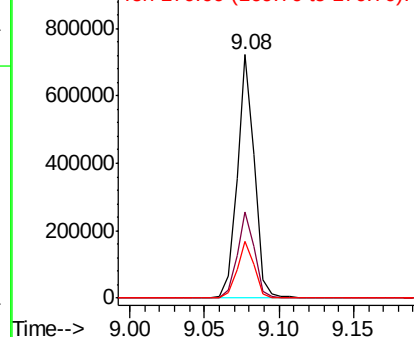
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	589336		
171	35.5		29.7	44.5
170	23.3		19.6	29.4

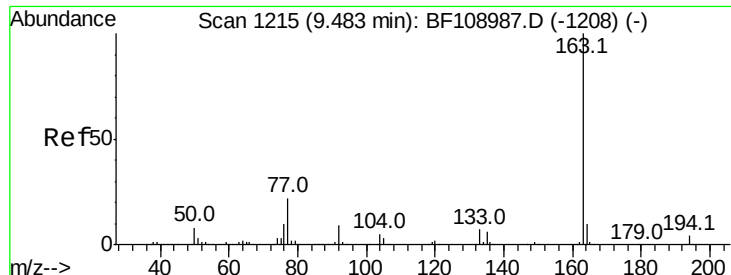
Abundance

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





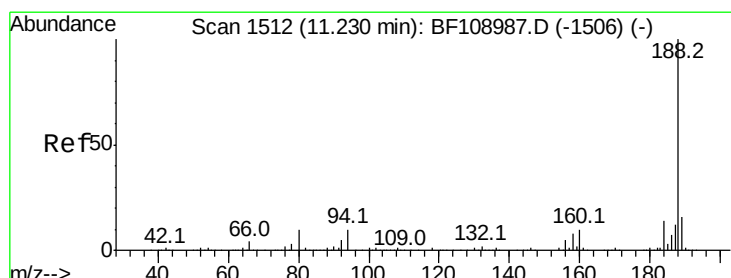
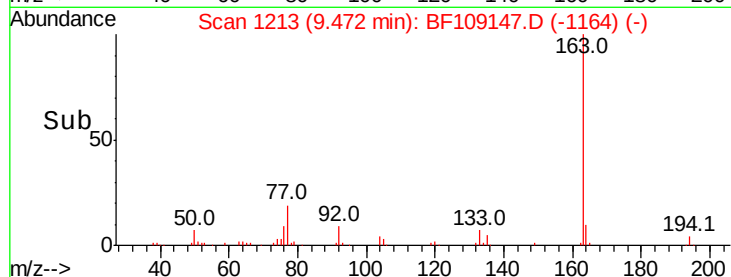
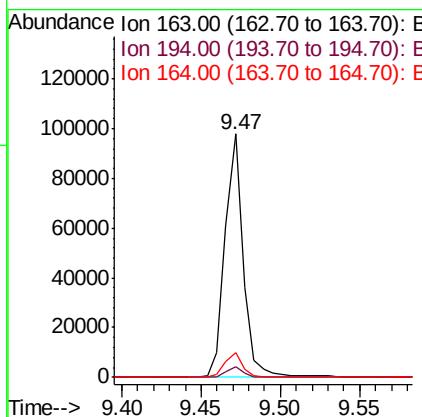
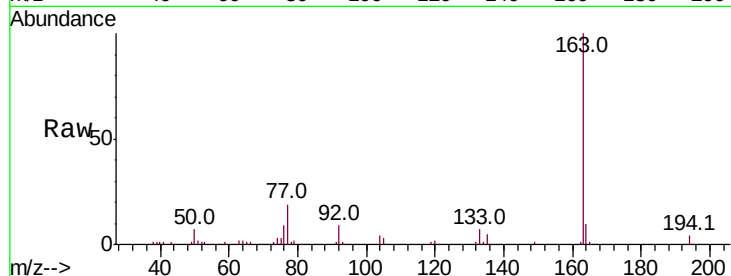
#49
Dimethylphthalate
Concen: 5.722 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :
291-11984RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.1	8.2	12.2

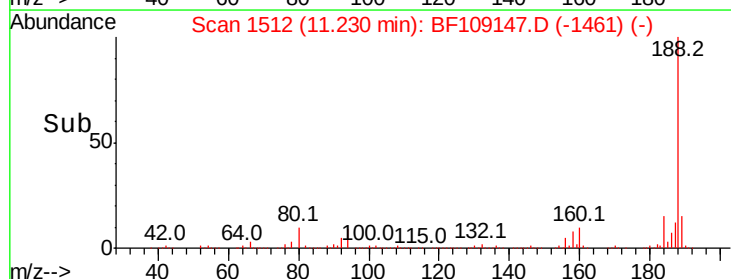
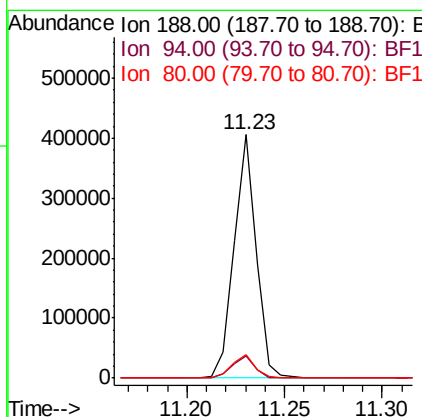
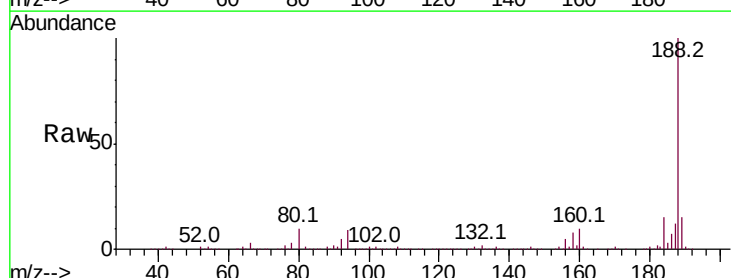
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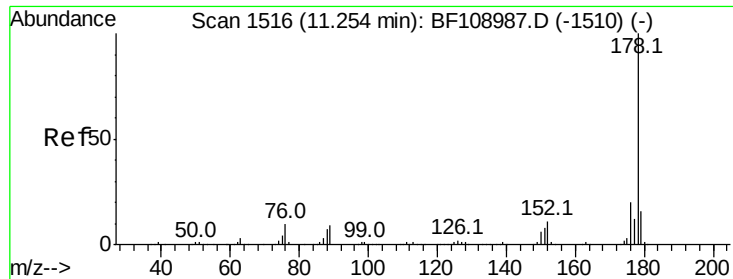
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

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





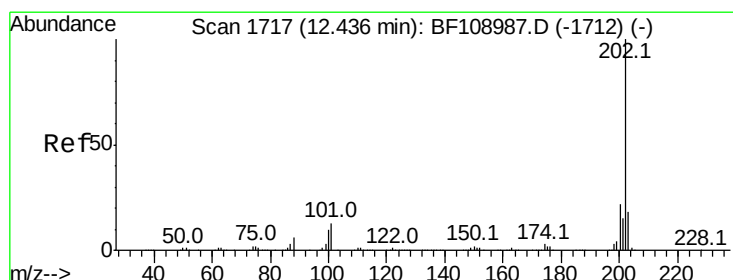
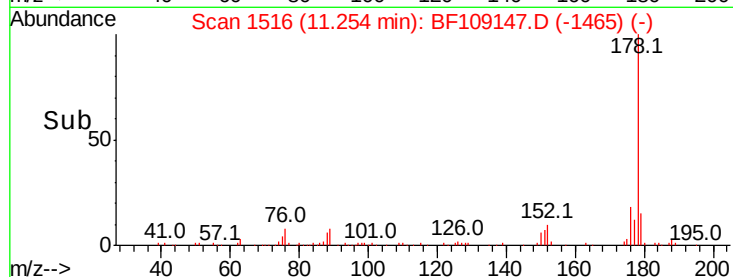
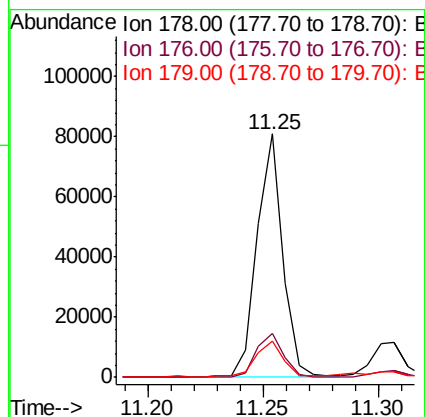
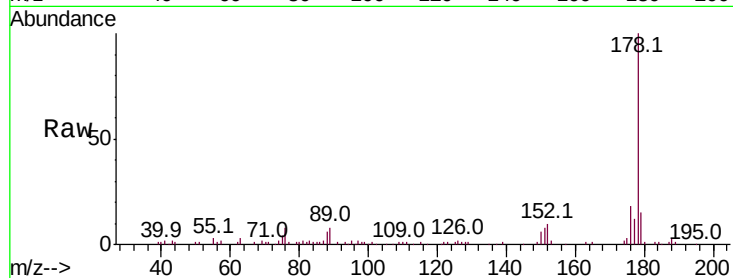
#70
Phenanthrene
Concen: 4.049 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :
291-11984RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.7	13.0	19.6

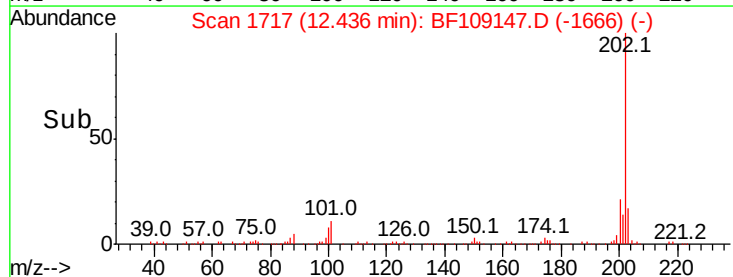
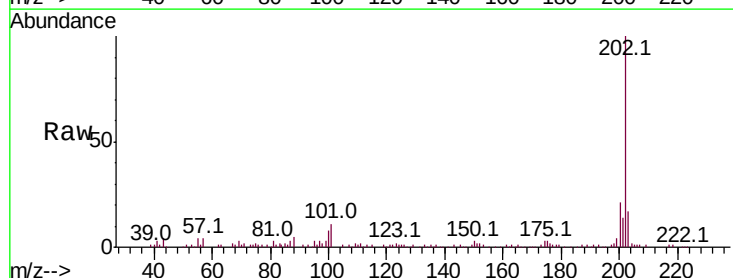
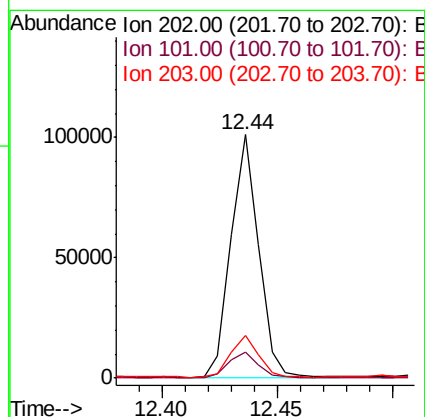
Manual Integrations
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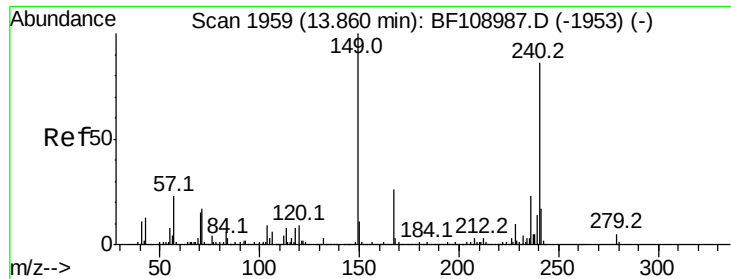
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#74
Fluoranthene
Concen: 5.079 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Instrument :

BNA_F

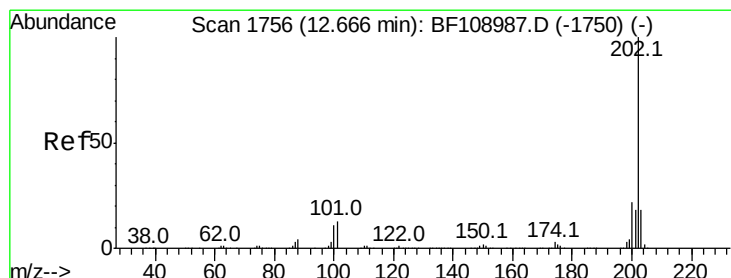
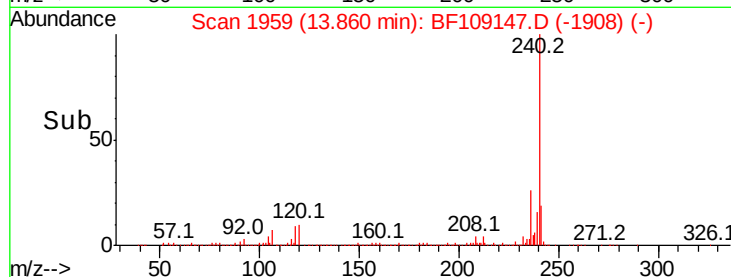
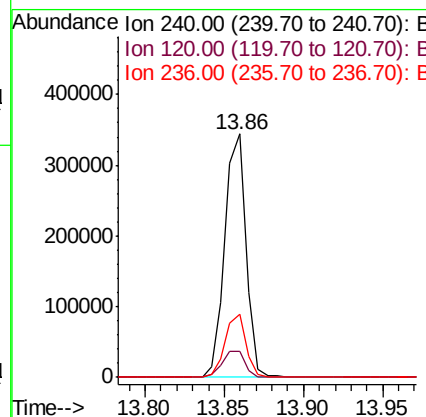
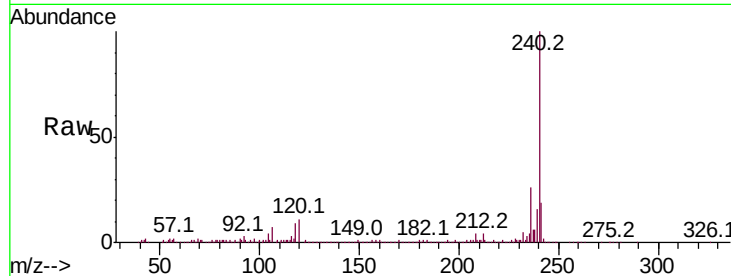
ClientSampleId :

291-11984RE

Tot Ion:	240	Resp:	321700
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.965 ng

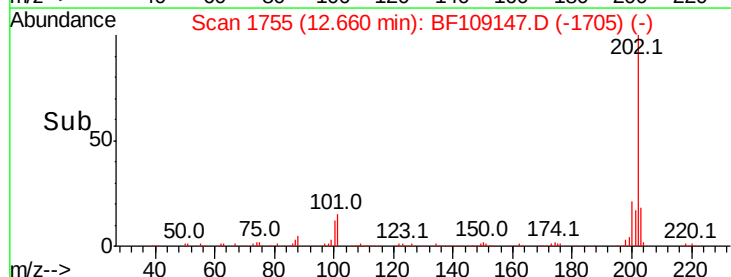
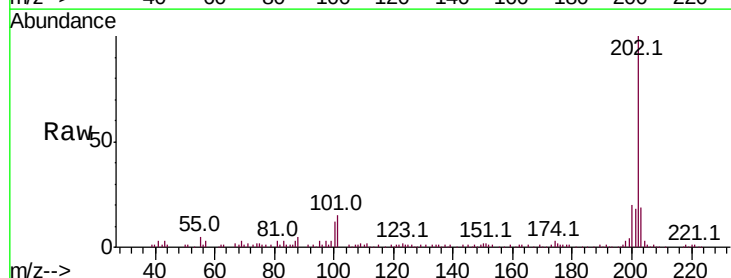
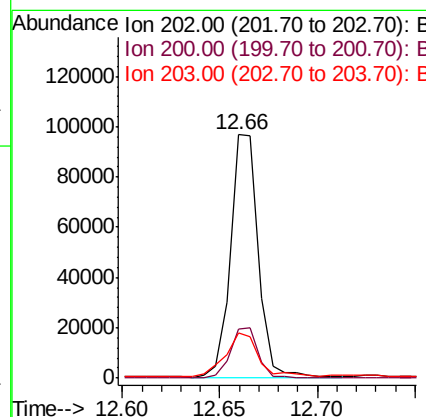
RT: 12.66 min Scan# 1755

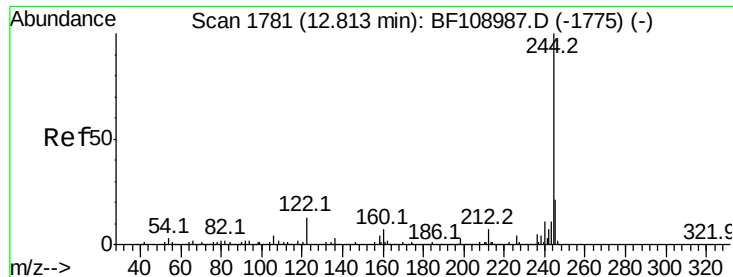
Delta R.T. -0.01 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Tgt Ion:	202	Resp:	94743
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.6	14.3	21.5





#78

Terphenyl-d14

Concen: 37.190 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Instrument :

BNA_F

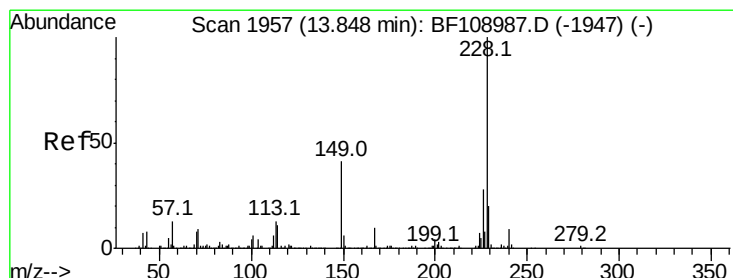
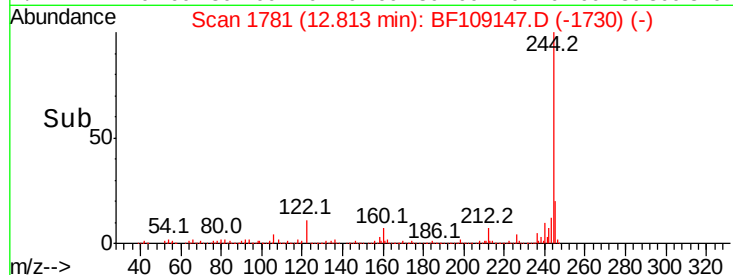
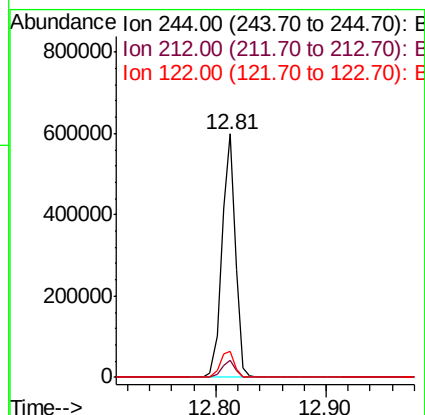
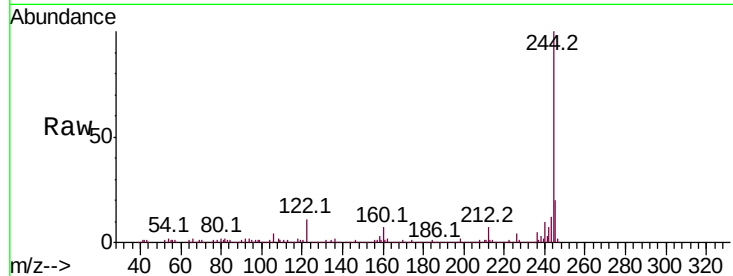
ClientSampleId :

291-11984RE

Tot Ion:	244	Resp:	504756
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#

Manual Integrations
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9/20/2018 10:06:42 AM



#80

Benzo(a)anthracene

Concen: 2.053 ng

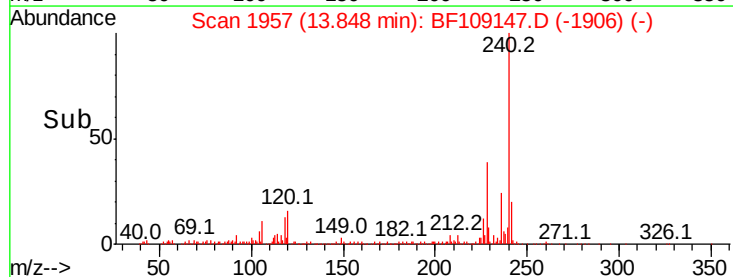
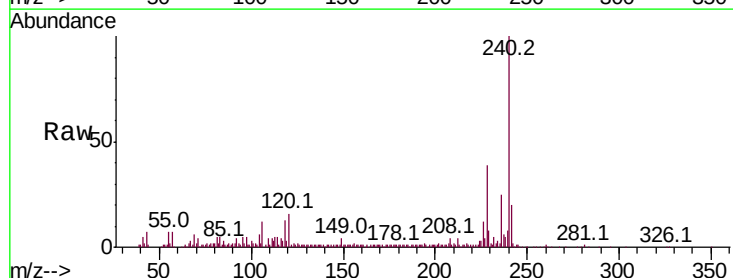
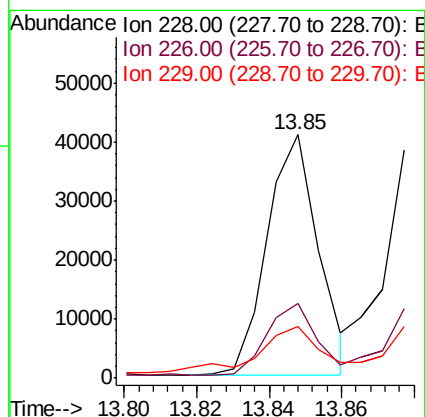
RT: 13.85 min Scan# 1957

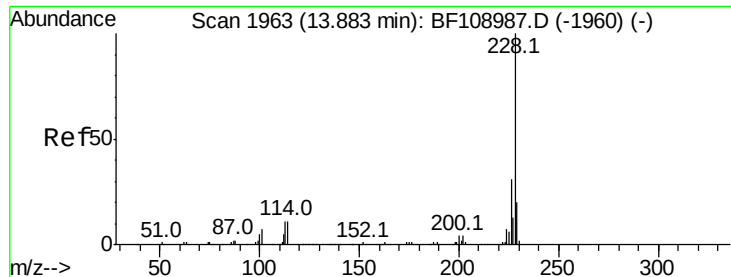
Delta R.T. -0.00 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Tgt Ion:	228	Resp:	39988
Ion Ratio		Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.2	15.8	23.6





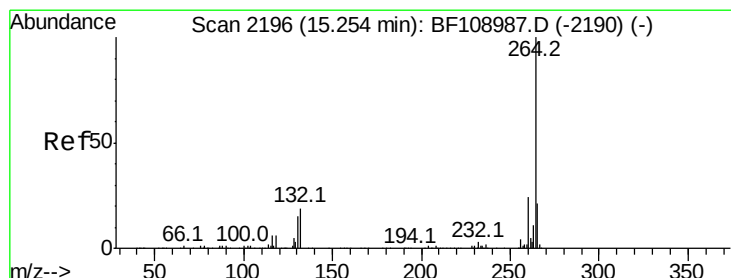
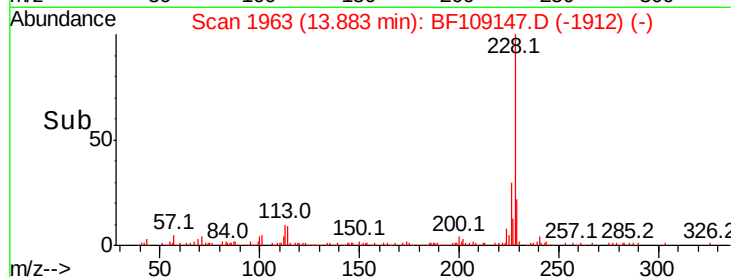
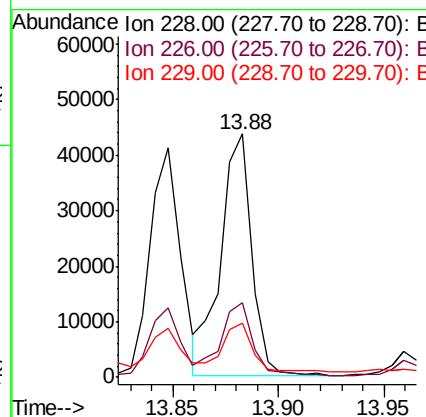
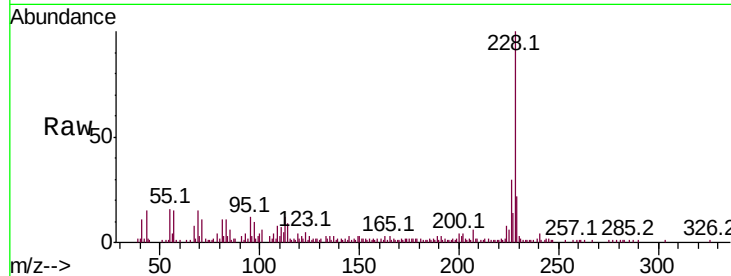
#82
Chrysene
Concen: 2.277 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :
291-11984RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.5	16.2	24.4

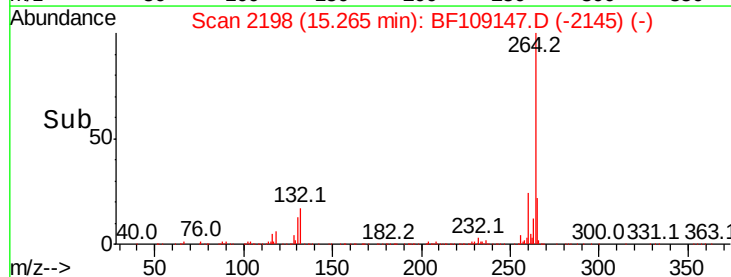
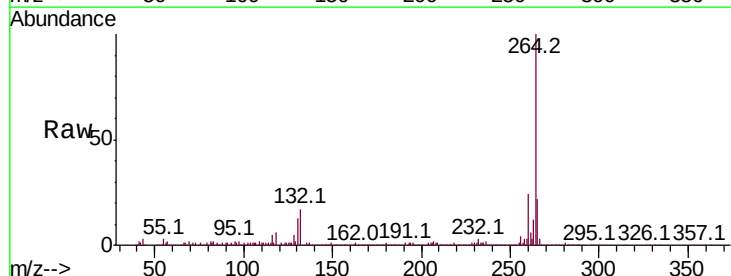
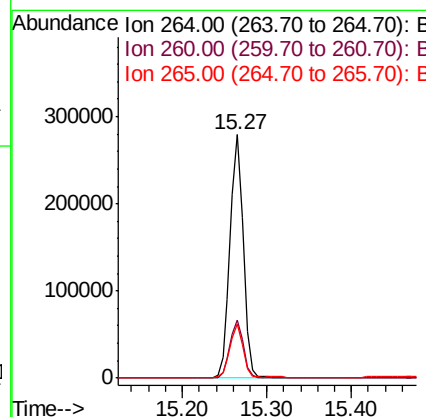
Manual Integrations
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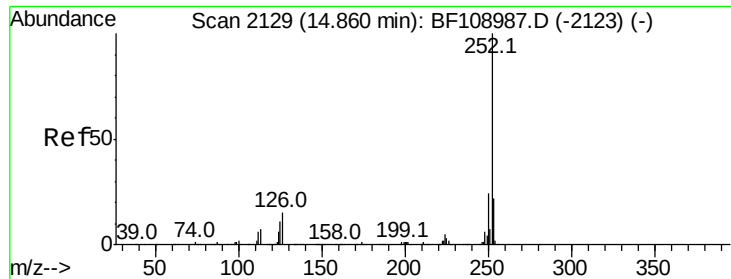
Sohil
9/20/2018 10:06:42 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.740 ng/mL

RT: 14.87 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Instrument :

BNA_F

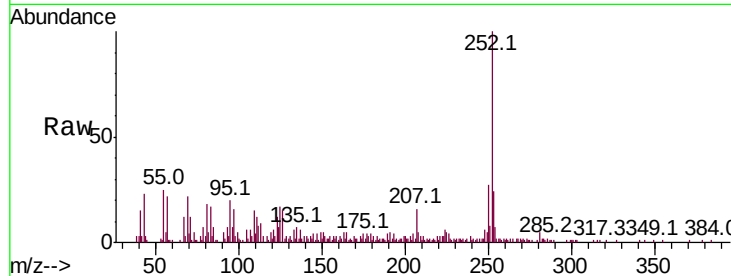
ClientSampleId :

291-11984RE

Tot Ion:	252	Resp:	46558
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.6
125	16.7	9.0	13.6#

Manual Integrations
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Sohil
9/20/2018 10:06:42 AM

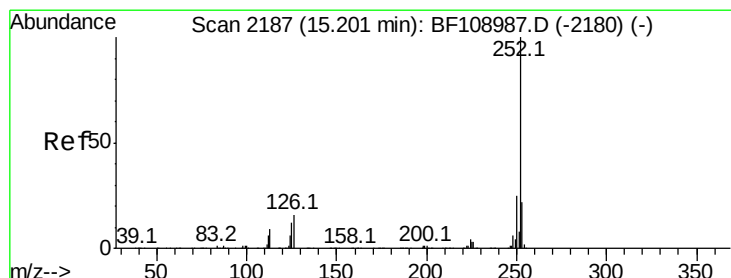
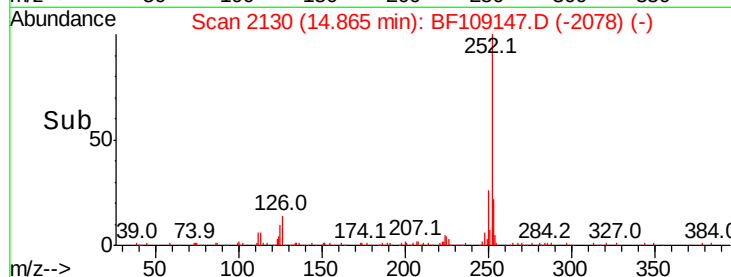
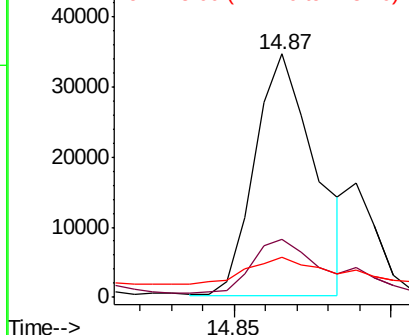


Abundance

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



#89

Benzo(a)pyrene

Concen: 2.287 ng/mL

RT: 15.20 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF109147.D

Acq: 19 Sep 2018 16:55

Tgt Ion:	252	Resp:	34512
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.1	25.7
125	17.4	9.8	14.6#

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

