

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108994.D
 Acq On : 14 Sep 2018 15:03
 Operator : JU/SJ
 Sample : J4898-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Manual Integrations
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Quant Time: Sep 14 16:28:31 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	136248	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	522518	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	256031	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	506220	20.00	ng	0.00
75) Chrysene-d12	13.85	240	369091	20.00	ng	0.00
86) Perylene-d12	15.26	264	373443	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	487406	59.42	ng	0.00
7) Phenol-d6	6.35	99	613405	57.99	ng	-0.01
23) Nitrobenzene-d5	7.28	82	368819	39.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	163580	58.87	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	658954	40.32	ng	0.00
78) Terphenyl-d14	12.81	244	701881	45.07	ng	0.00

Target Compounds					Qvalue	
10) Phenol	6.36	94	48926	4.111	ng	99
17) 2-Methylphenol	6.97	107	27685	3.696	ng	97
20) 3+4-Methylphenols	7.12	107	121004	13.414	ng	89
27) 2,4-Dimethylphenol	7.67	122	53359	7.585	ng	# 87
31) Naphthalene	8.03	128	2308592	95.192	ng	98
37) 2-Methylnaphthalene	8.71	142	487501	30.837	ng	98
45) 1,1'-Biphenyl	9.18	154	161541	7.886	ng	94
48) Acenaphthylene	9.61	152	653440	26.420	ng	99
49) Dimethylphthalate	9.47	163	79339	4.336	ng	99
51) Acenaphthene	9.78	154	129844	8.431	ng	99
54) Dibenzofuran	9.95	168	496622	22.314	ng	# 97
57) Fluorene	10.30	166	571393	38.526	ng	99
70) Phenanthrene	11.26	178	1859016	74.915	ng	98
71) Anthracene	11.31	178	807702	32.109	ng	100
72) Carbazole	11.45	167	221550	8.897	ng	98
74) Fluoranthene	12.44	202	1266113	48.330	ng	96
77) Pyrene	12.67	202	1089499	39.740	ng	100
80) Benzo(a)anthracene	13.84	228	512997	22.957	ng	# 86
82) Chrysene	13.88	228	415453	18.582	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.60	276	142615m	7.979	ng	
87) Benzo(b)fluoranthene	14.86	252	353134m	17.093	ng	
88) Benzo(k)fluoranthene	14.88	252	119132m	6.174	ng	
89) Benzo(a)pyrene	15.20	252	294269	16.039	ng	95
90) Dibenz(a,h)anthracene	16.61	278	45587	2.957	ng	# 90
91) Benzo(g,h,i)perylene	17.01	276	121729	7.899	ng	93

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

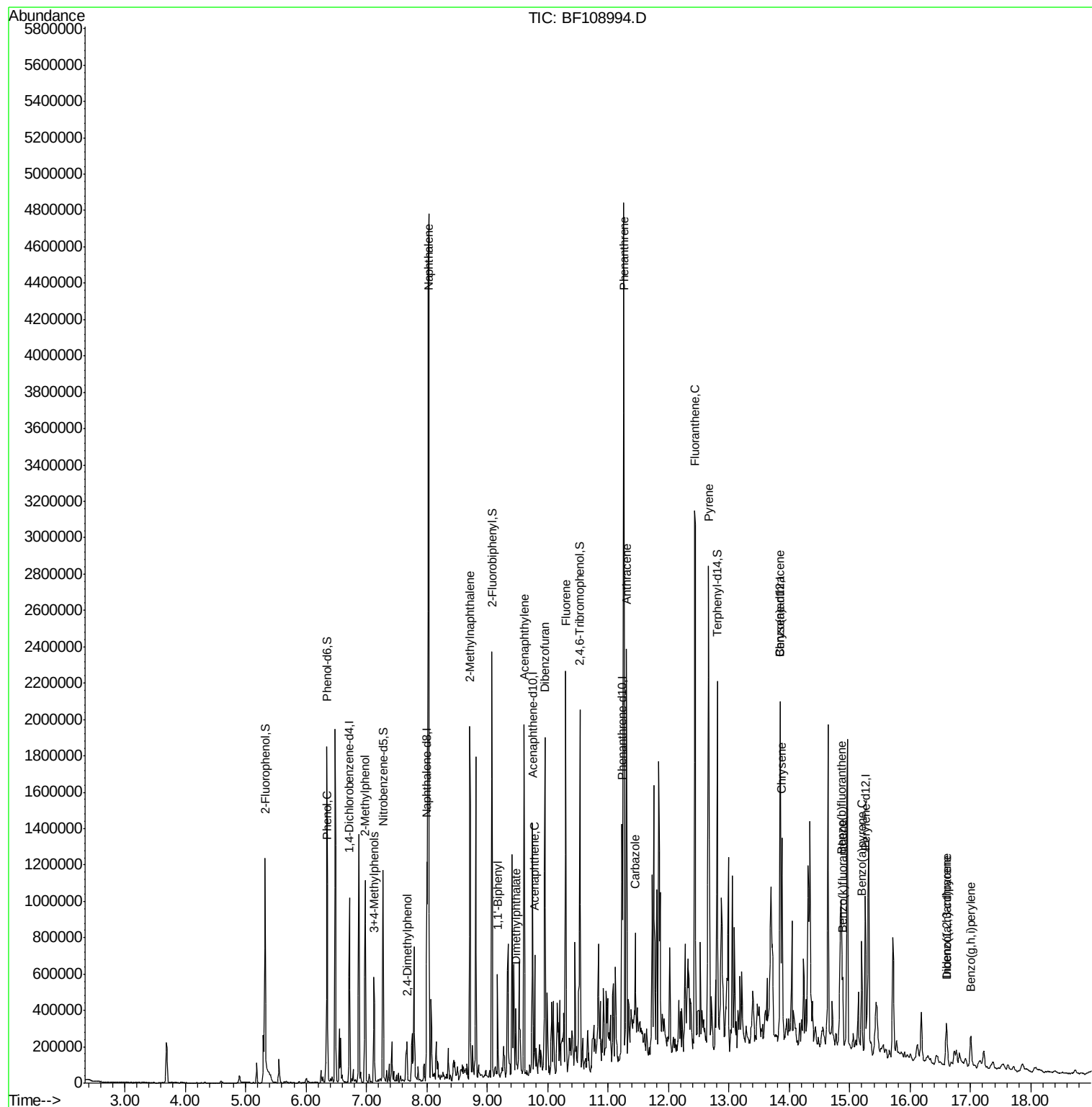
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108994.D
Acq On : 14 Sep 2018 15:03
Operator : JU/SJ
Sample : J4898-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

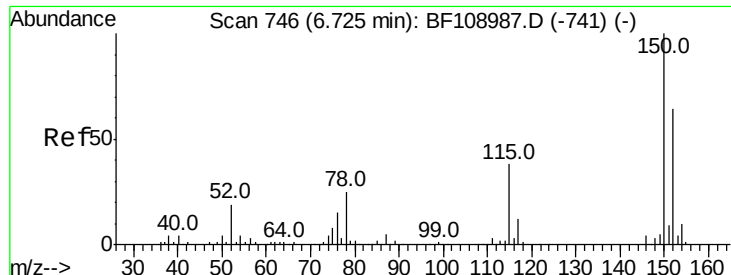
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

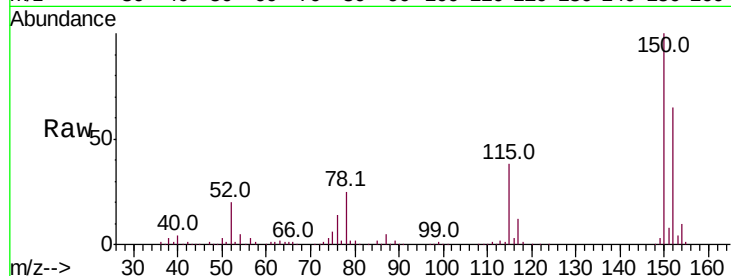
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.3	50.1	75.1

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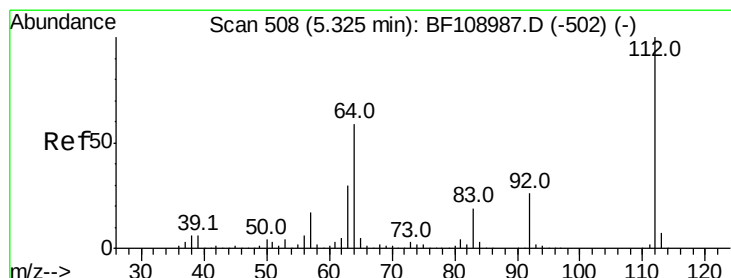
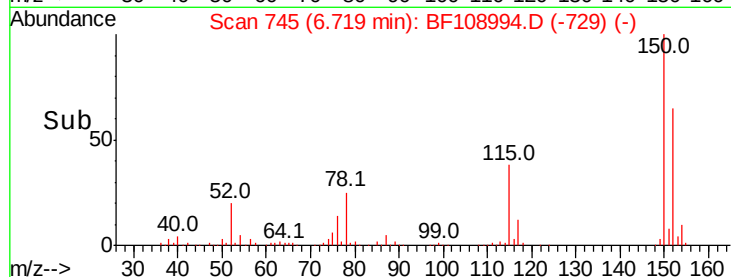
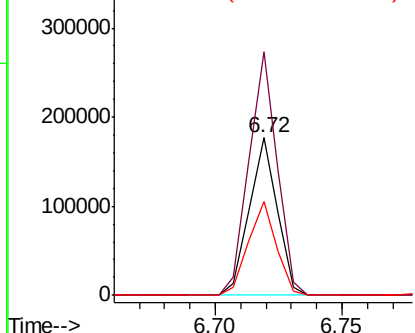


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

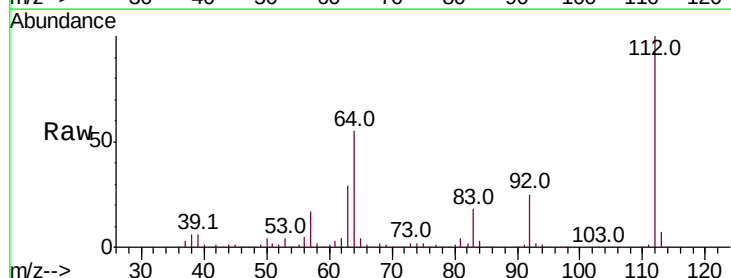
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.416 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.6	23.7	35.5

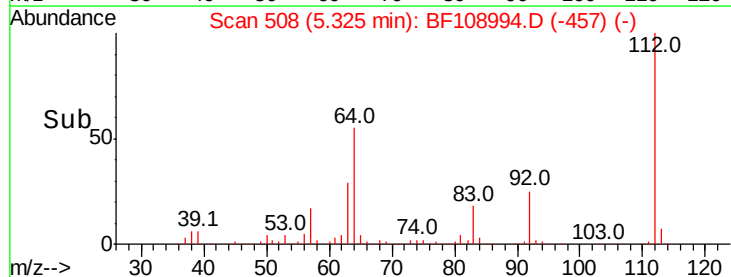
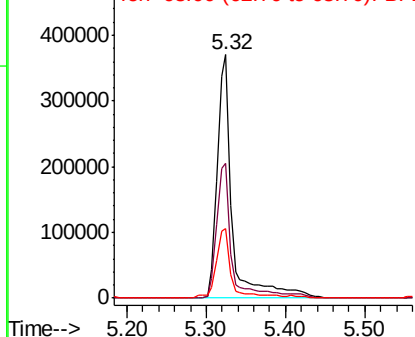


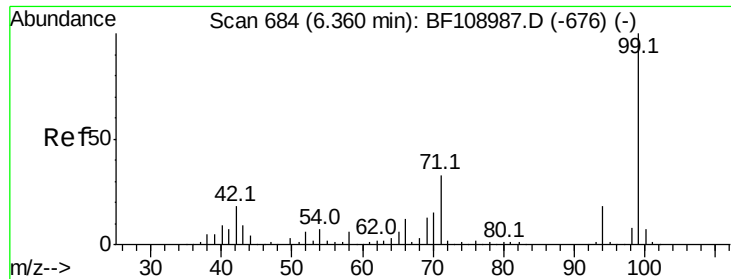
Abundance

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: 57.990 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF108994.D

Acq: 14 Sep 2018 15:03

Instrument :

BNA_F

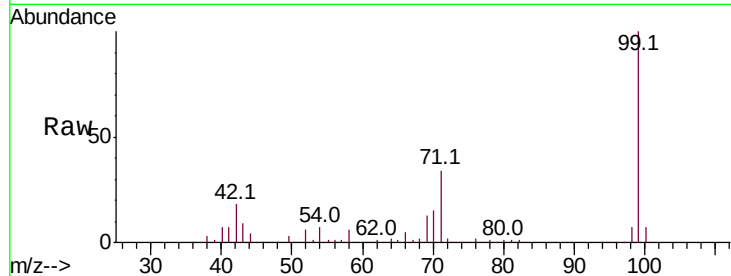
ClientSampleId :

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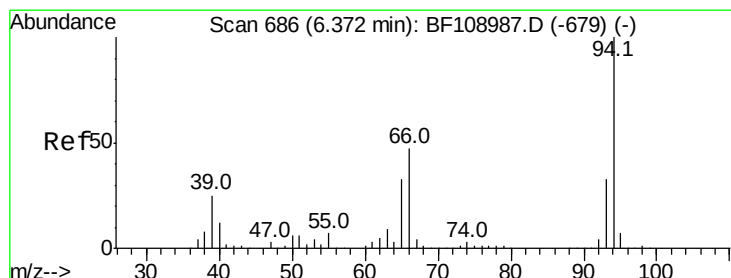
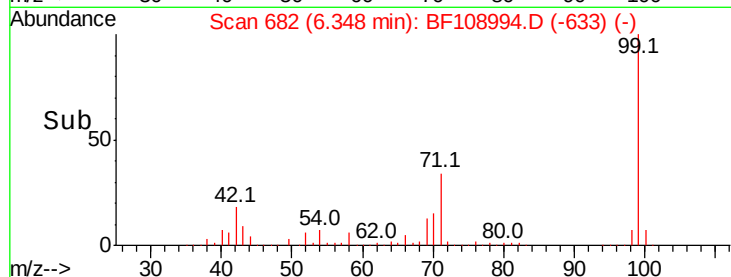
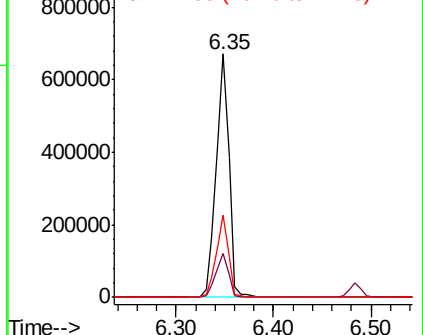
Tot Ion:	99	Resp:	613405
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	33.6	25.4	38.0

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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



#10

Phenol

Concen: 4.111 ng

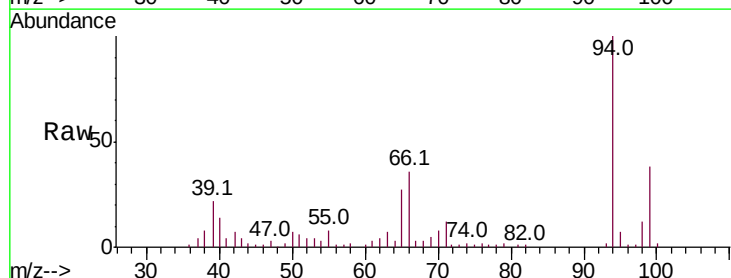
RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

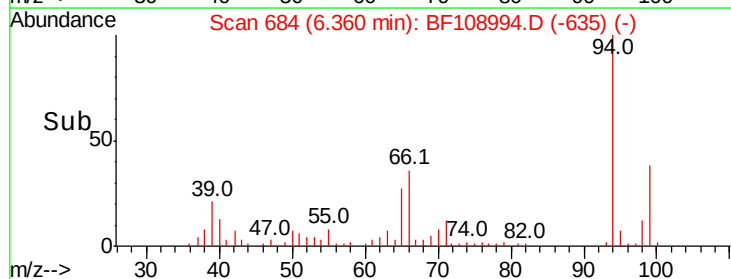
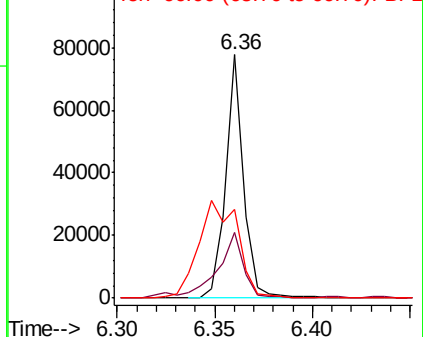
Lab File: BF108994.D

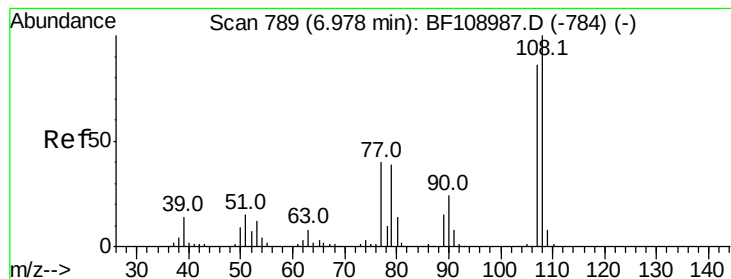
Acq: 14 Sep 2018 15:03

Tgt Ion:	94	Resp:	48926
Ion Ratio	Lower	Upper	
94	100		
65	26.8	7.9	47.9
66	36.2	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





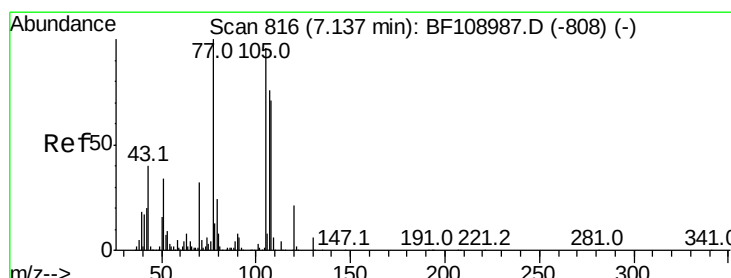
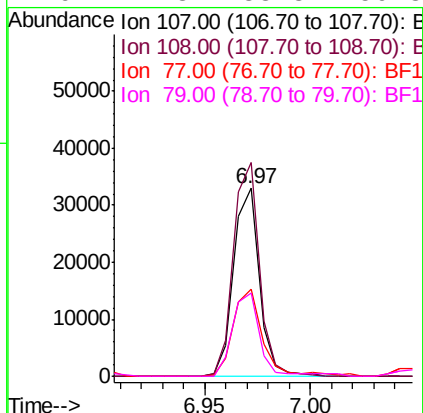
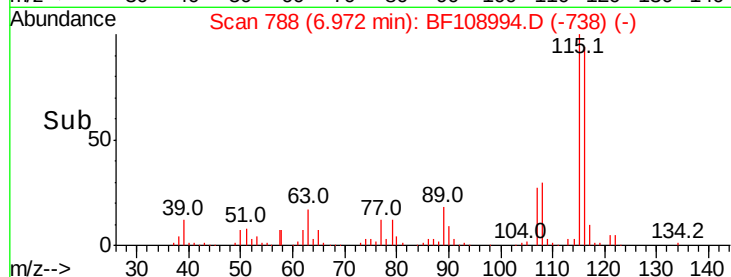
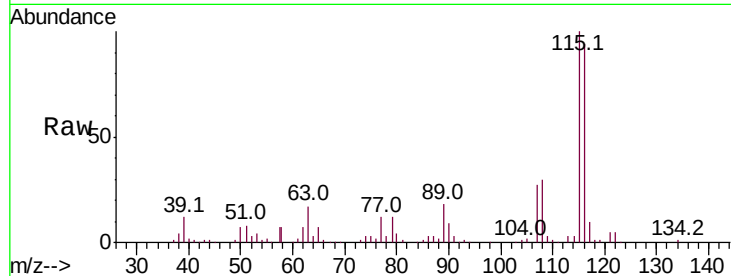
#17
2-Methylphenol
Concen: 3.696 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion:	107	Resp:	27685
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	46.6	33.8	50.8
79	44.3	33.8	50.8

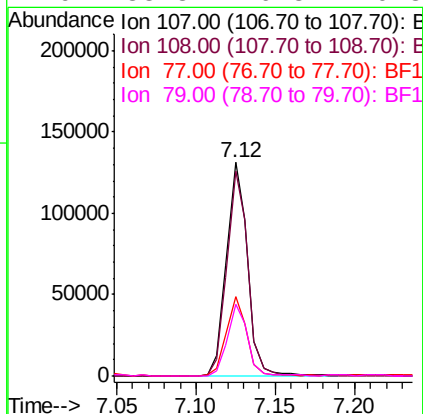
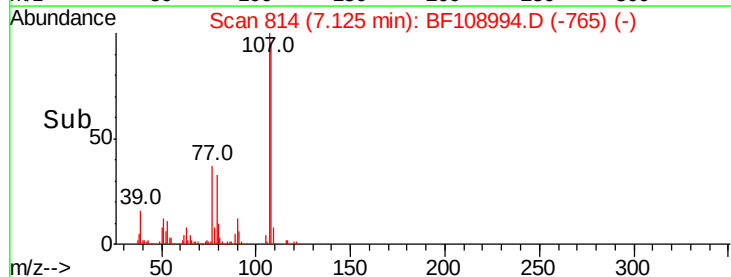
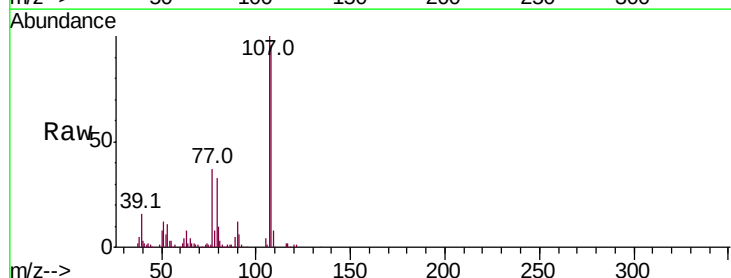
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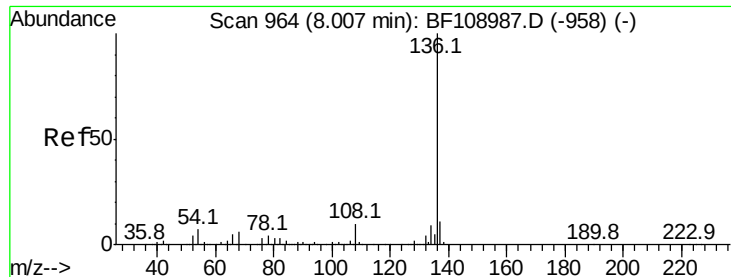
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#20
3+4-Methylphenols
Concen: 13.414 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion:	107	Resp:	121004
Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	37.0	26.7	66.7
79	33.3	6.3	46.3





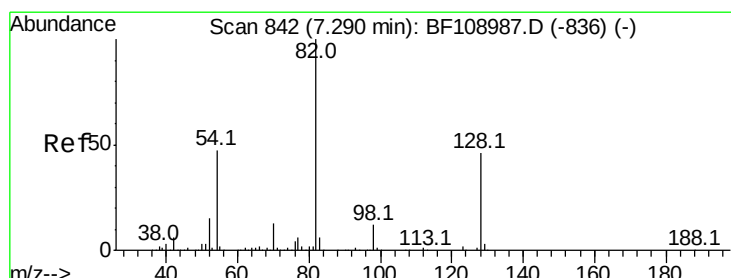
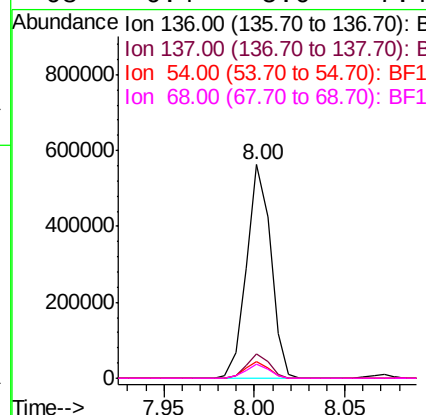
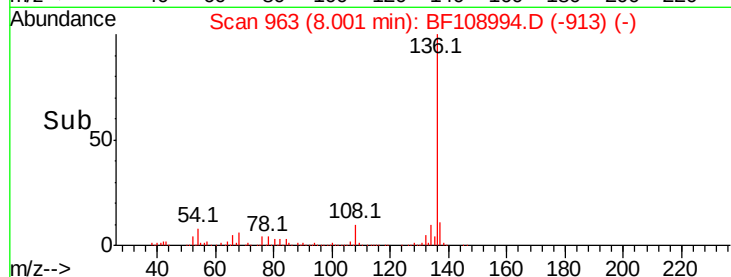
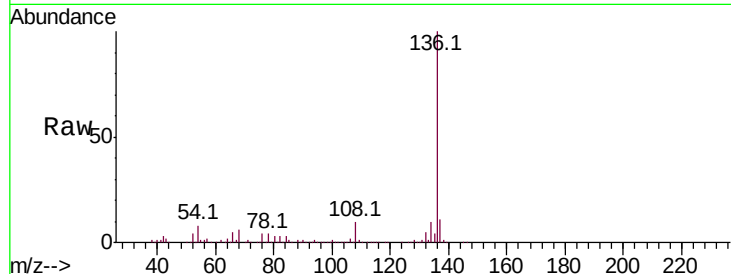
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		8.9	13.3	
54	7.7		6.6	9.8	
68	6.4		5.0	7.4	

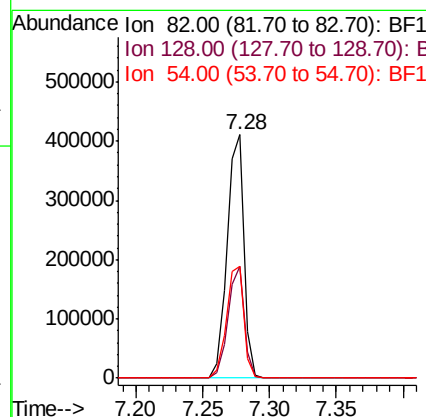
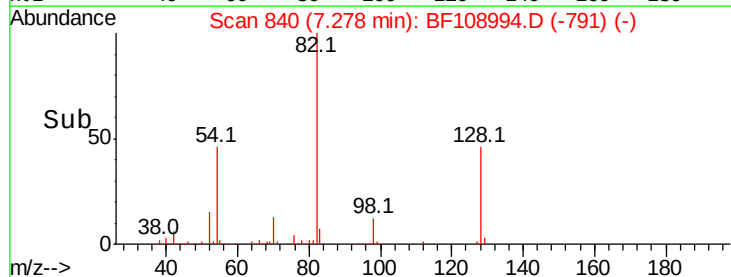
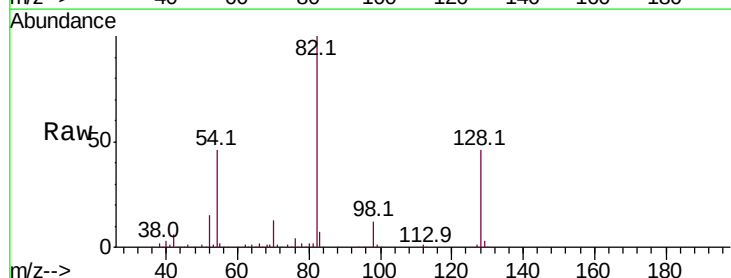
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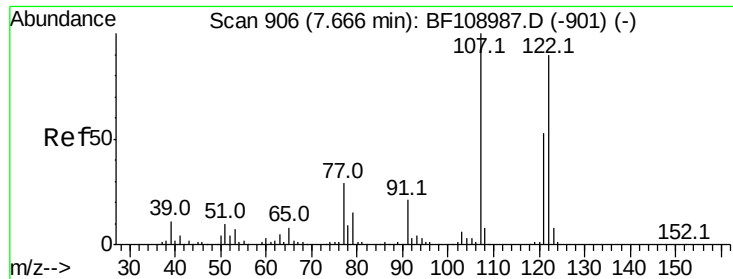
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#23
Nitrobenzene-d5
Concen: 39.590 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.1		36.1	54.1	
54	45.8		41.4	62.2	





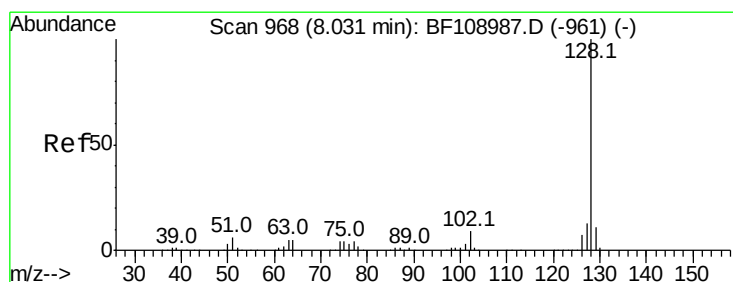
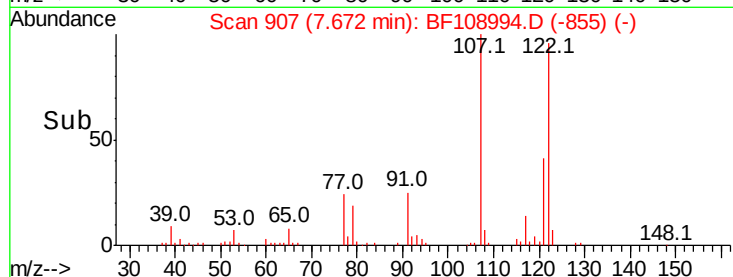
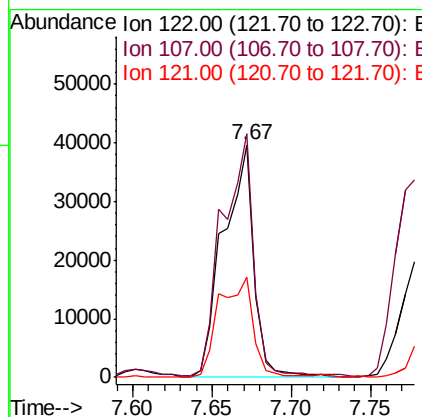
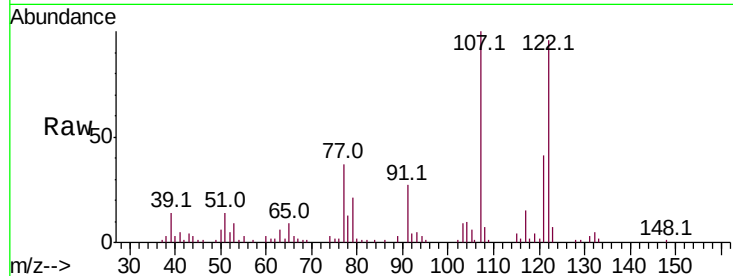
#27
2,4-Dimethylphenol
Concen: 7.585 ng
RT: 7.67 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.7	91.2	136.8
121	43.1	47.2	70.8#

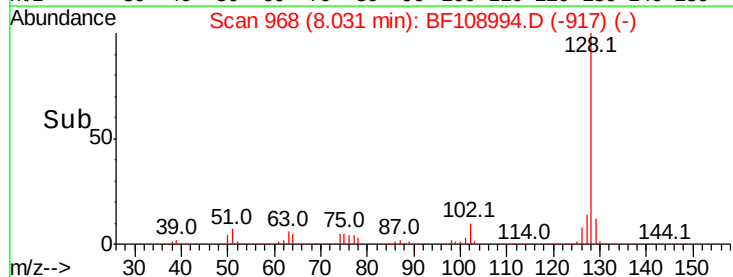
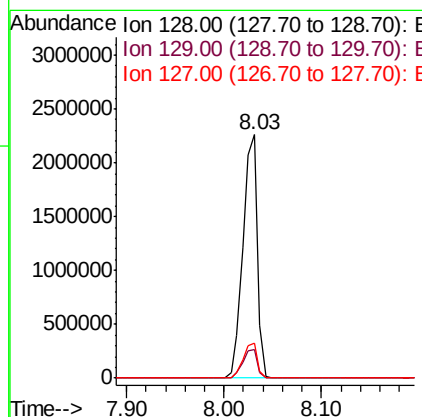
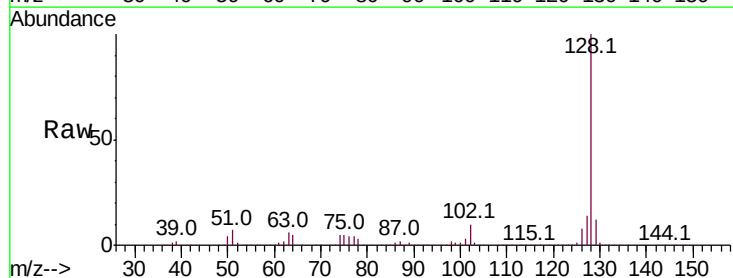
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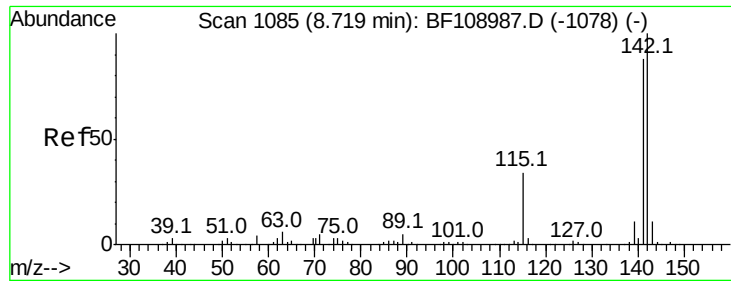
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#31
Naphthalene
Concen: 95.192 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3





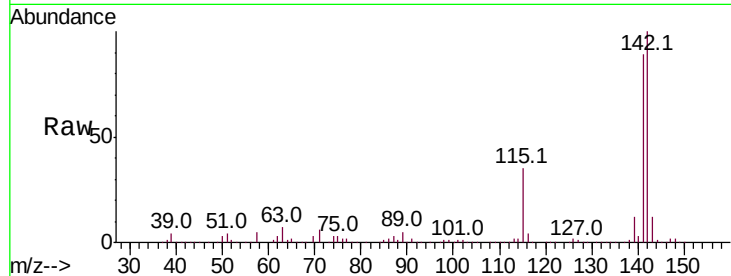
#37
2-Methylnaphthalene
Concen: 30.837 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

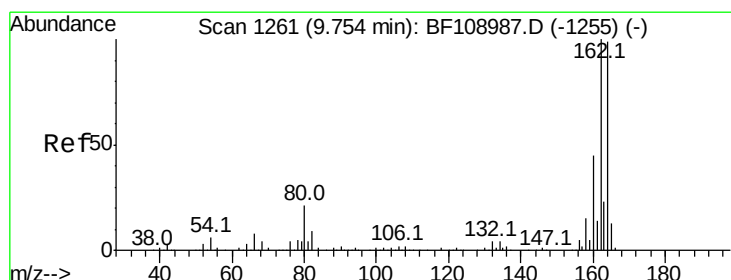
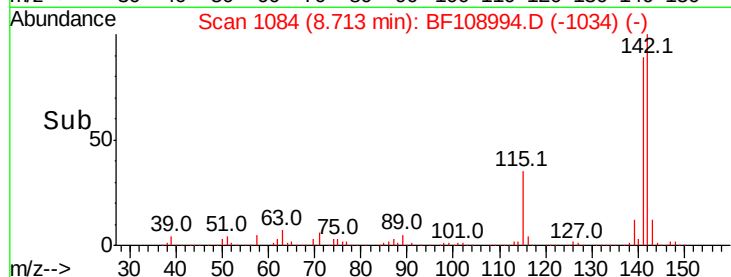
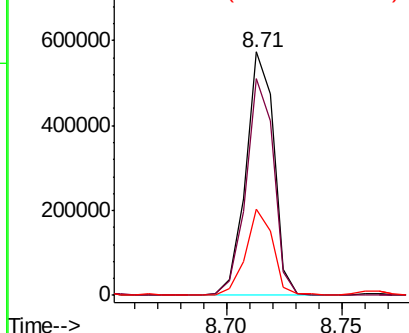
Tot Ion	Ratio	Resp	Lower	Upper
142	100	487501		
141	88.9	70.8	106.2	
115	35.4	26.1	39.1	

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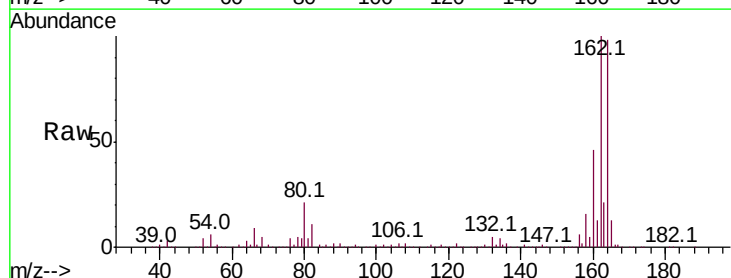


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

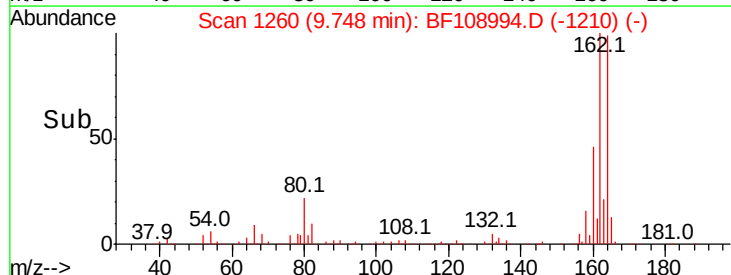
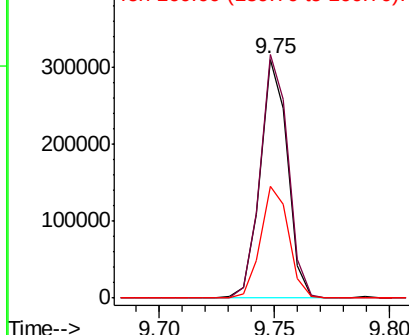


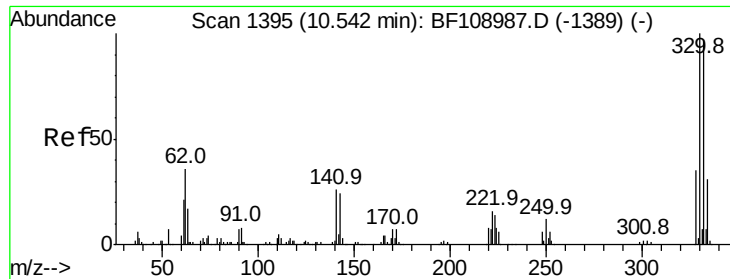
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256031		
162	102.0	86.1	129.1	
160	47.0	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





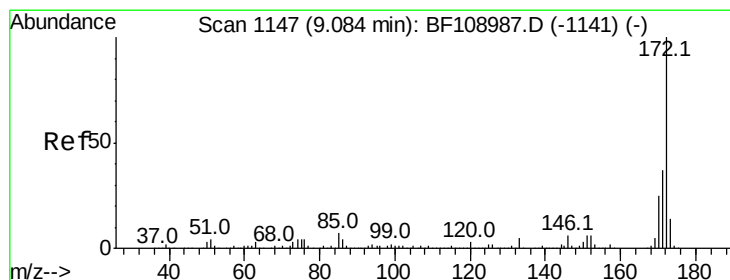
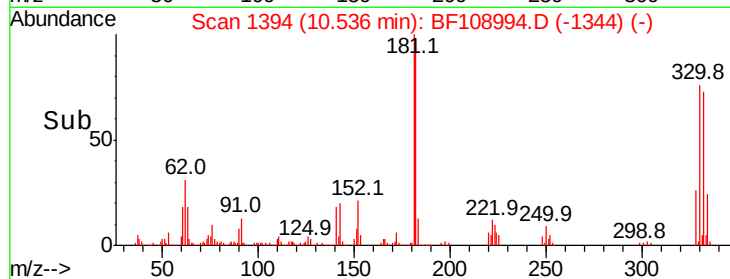
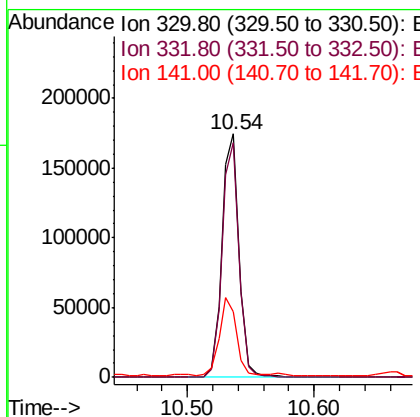
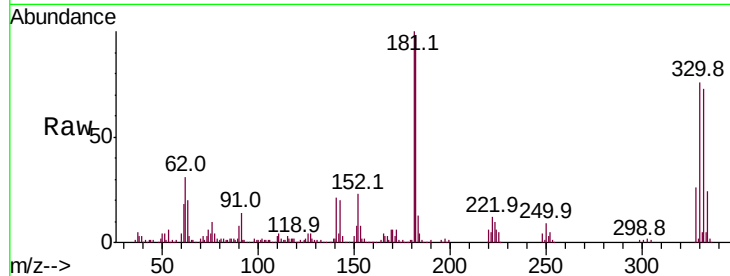
#41
 2,4,6-Tribromophenol
 Concen: 58.871 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF108994.D
 Acq: 14 Sep 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163580		
332	96.2	77.0	115.6	
141	32.0	29.9	44.9	

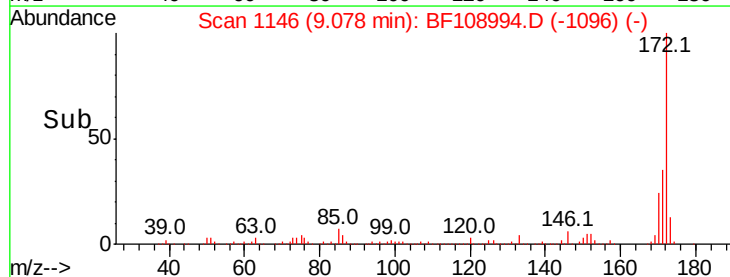
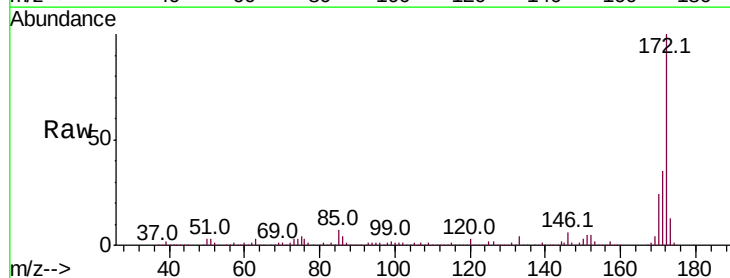
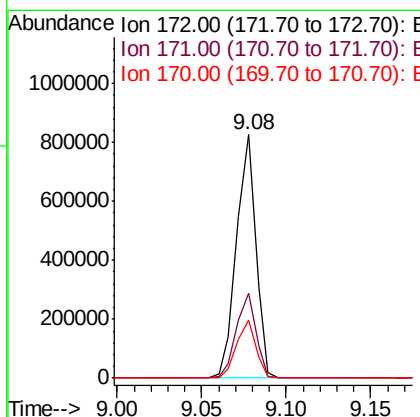
Manual Integrations
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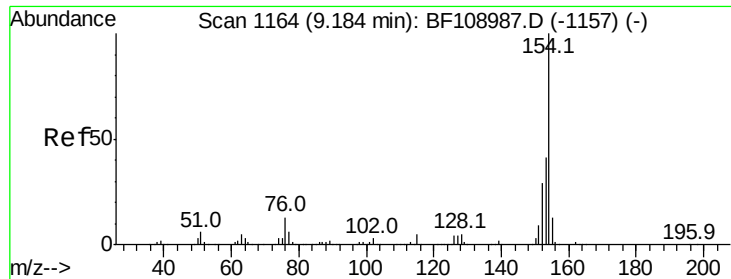
Sohil
 9/17/2018 1:59:25 PM



#44
 2-Fluorobiphenyl
 Concen: 40.323 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF108994.D
 Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	658954		
171	35.1	29.7	44.5	
170	23.9	19.6	29.4	





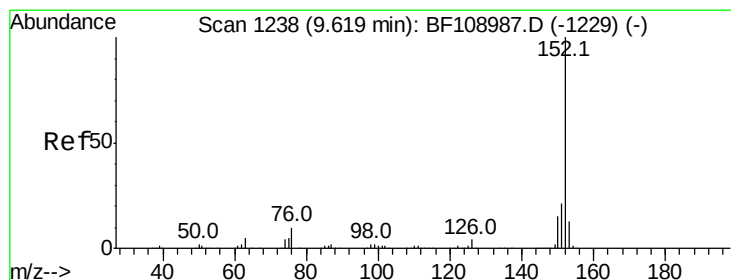
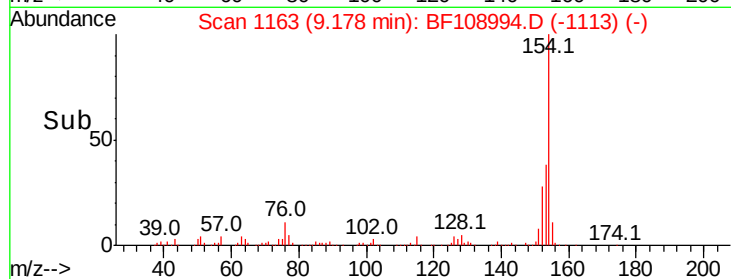
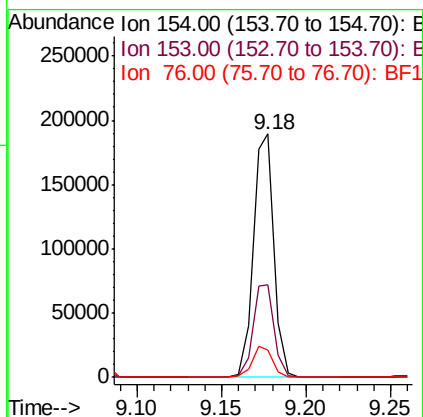
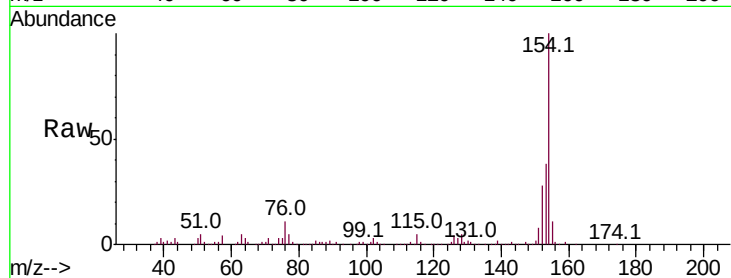
#45
1,1'-Biphenyl
Concen: 7.886 ng
RT: 9.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Resp	Lower	Upper
154	100	161541		
153	38.1	21.3	61.3	
76	11.0	0.0	34.0	

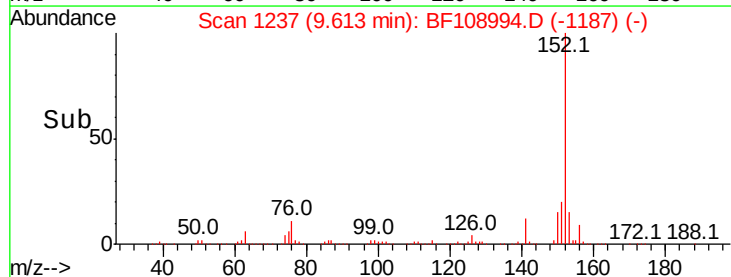
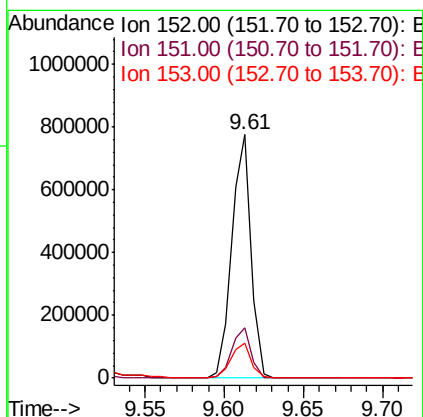
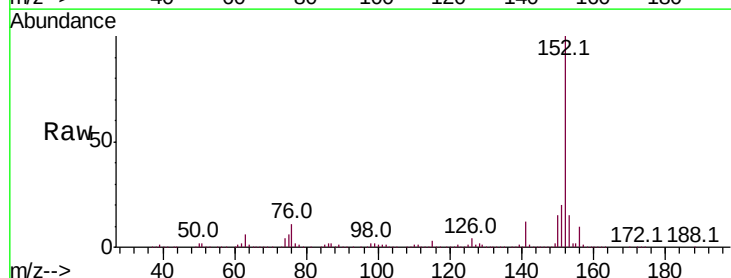
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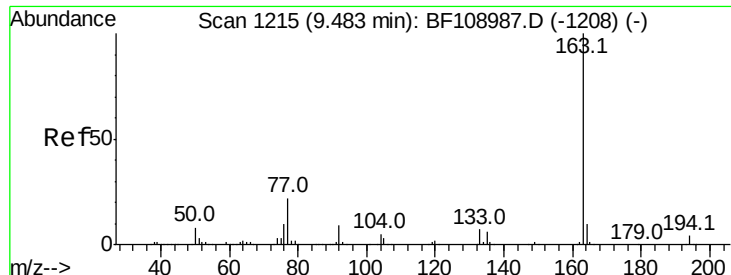
Sohil
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#48
Acenaphthylene
Concen: 26.420 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	653440		
151	20.5	16.3	24.5	
153	14.6	10.7	16.1	





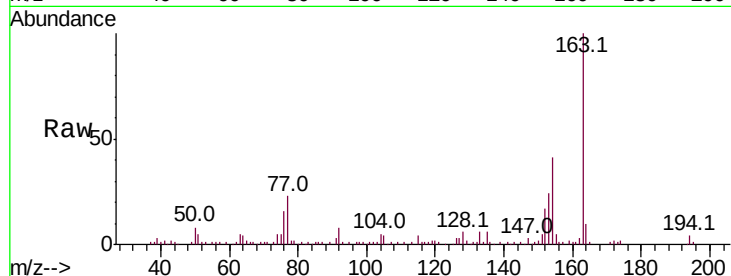
#49
Dimethylphthalate
Concen: 4.336 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

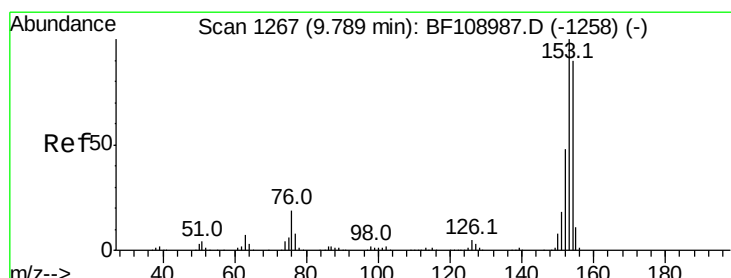
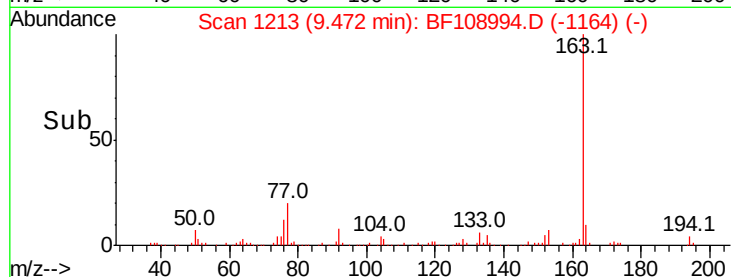
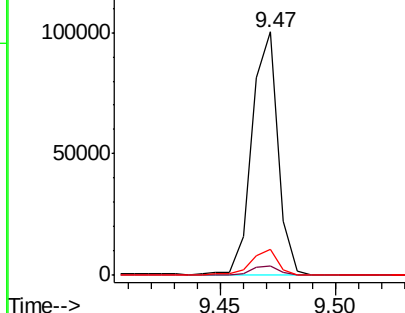
Tot Ion	Ratio	Resp	Lower	Upper
163	100	79339		
194	3.9		2.7	4.1
164	10.5		8.2	12.2

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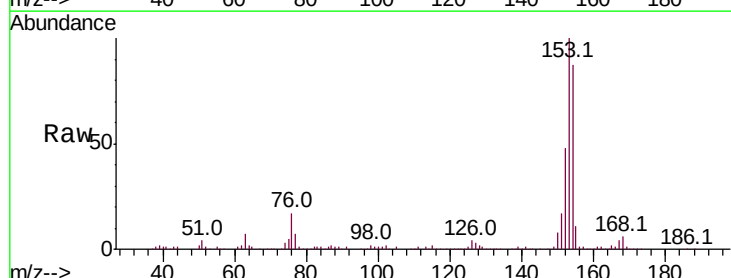


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

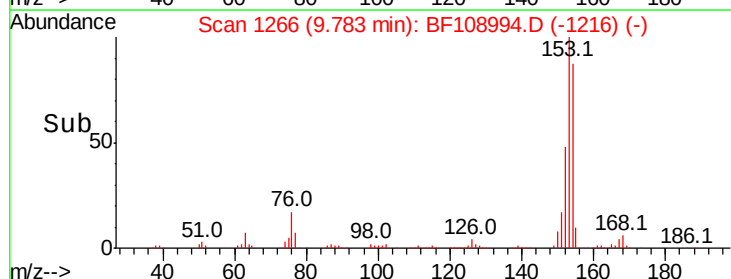
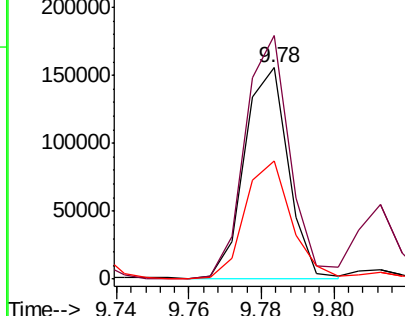


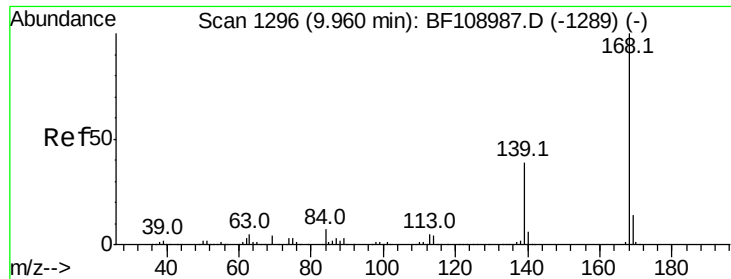
#51
Acenaphthene
Concen: 8.431 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	129844		
153	115.2		91.2	136.8
152	55.7		43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





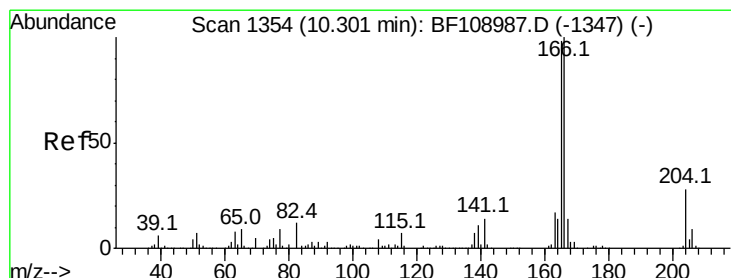
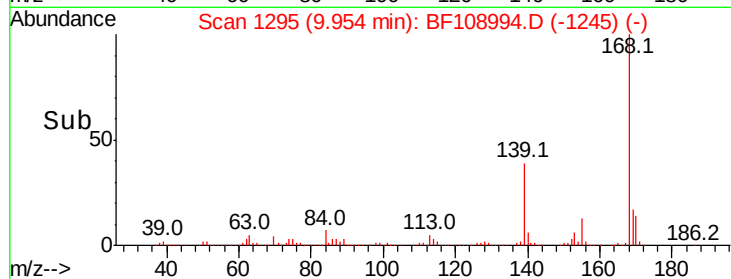
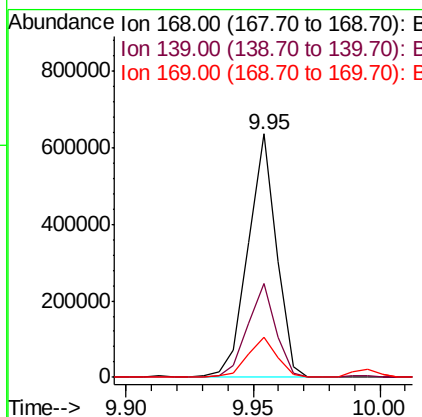
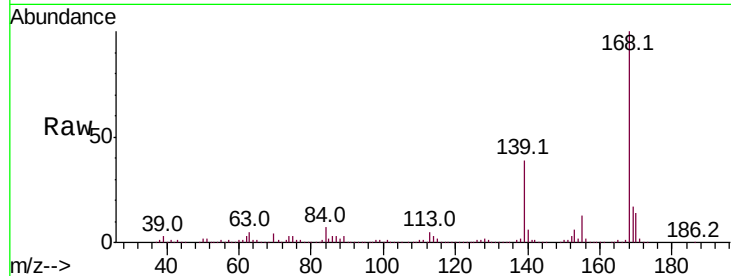
#54
Dibenzofuran
Concen: 22.314 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	16.6	10.9	16.3

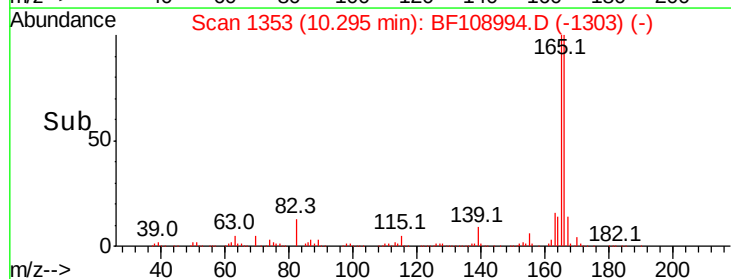
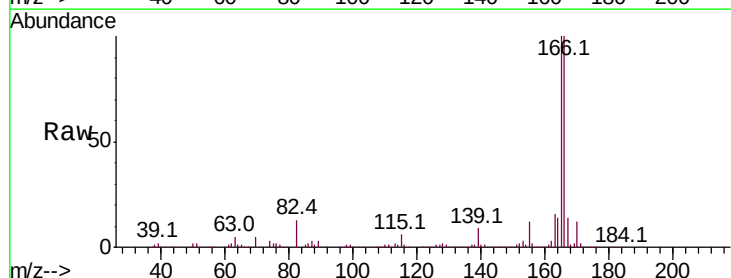
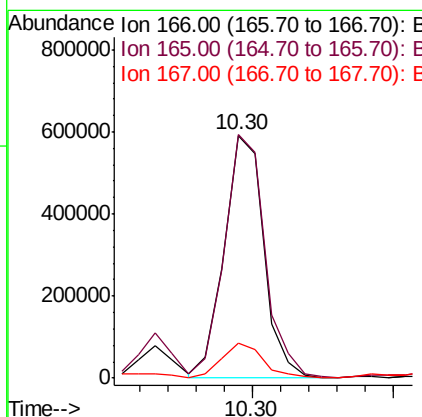
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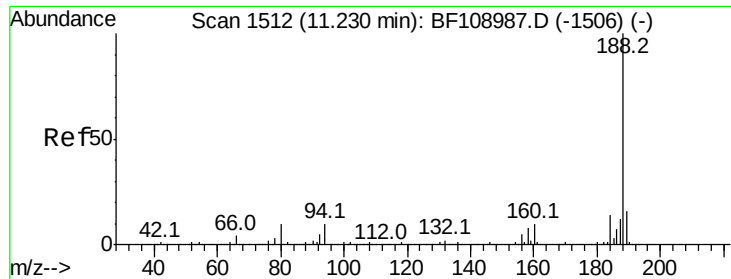
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#57
Fluorene
Concen: 38.526 ng
RT: 10.30 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	14.3	10.6	16.0





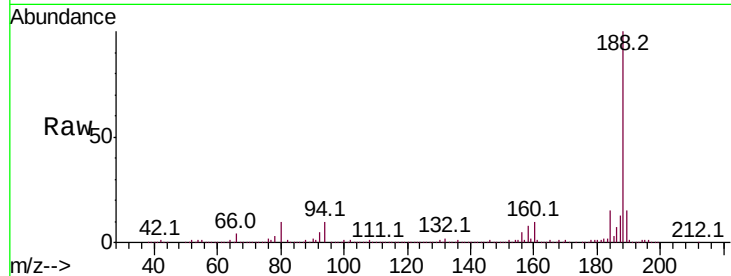
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

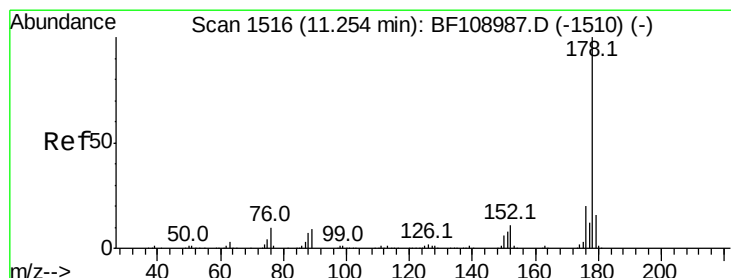
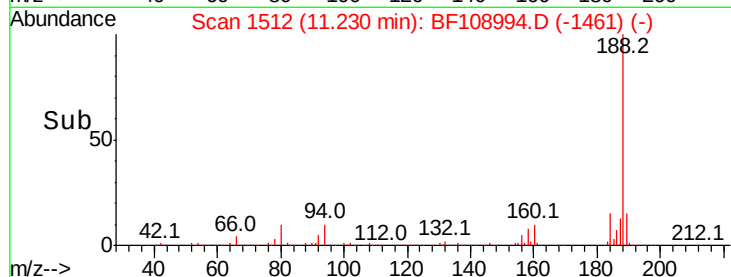
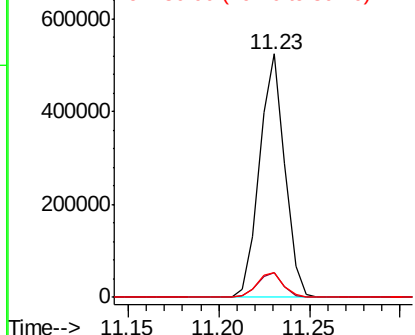
Tot Ion	Ratio	Resp	Lower	Upper
188	100	506220		
94	10.0		8.5	12.7
80	10.2		9.2	13.8

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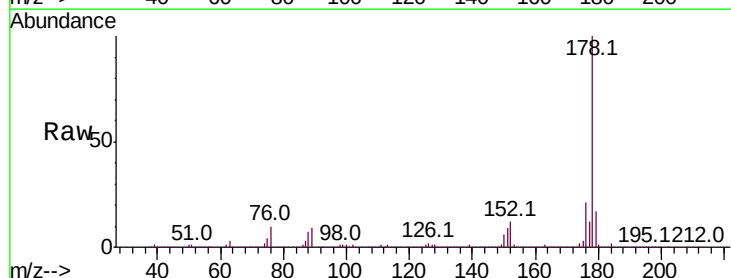


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

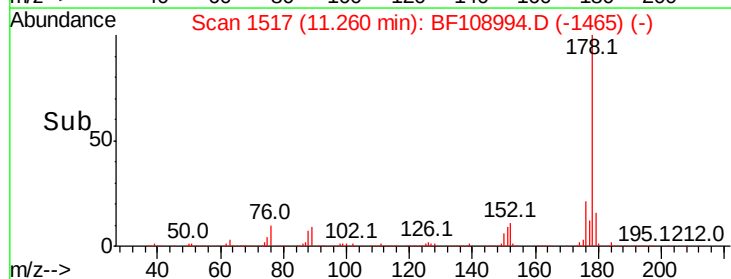
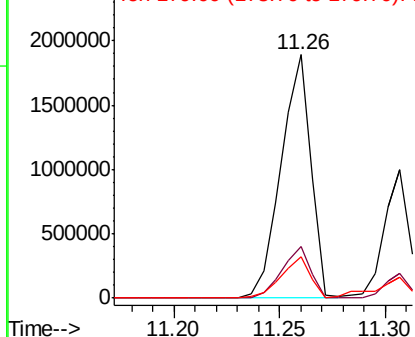


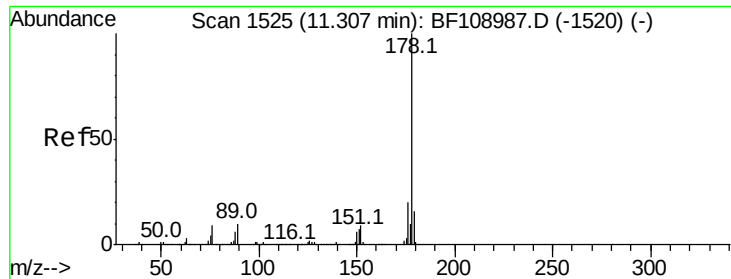
#70
Phenanthrene
Concen: 74.915 ng
RT: 11.26 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1859016		
176	21.3		15.8	23.8
179	16.8		13.0	19.6



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





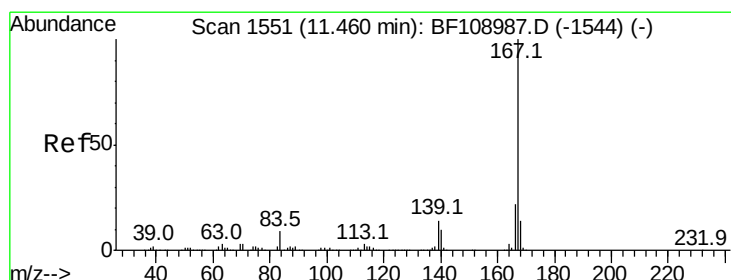
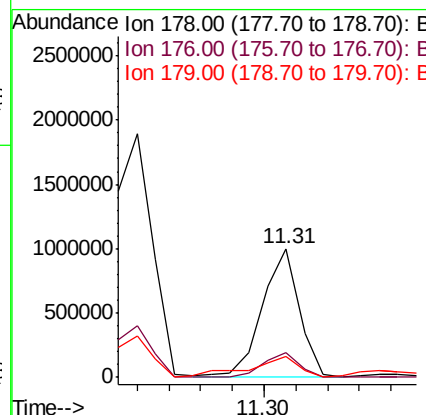
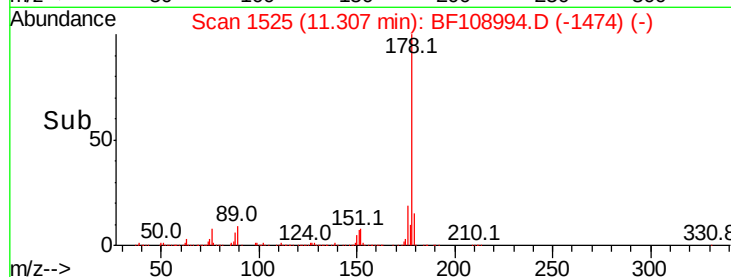
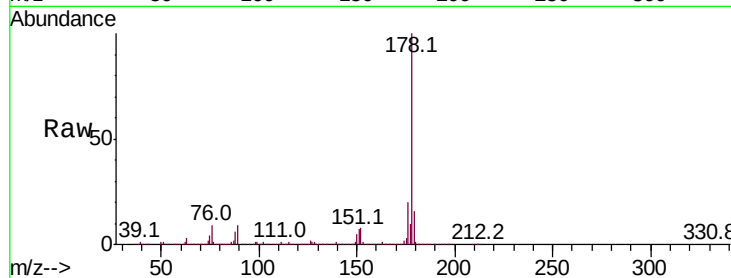
#71
 Anthracene
 Concen: 32.109 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF108994.D
 Acq: 14 Sep 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

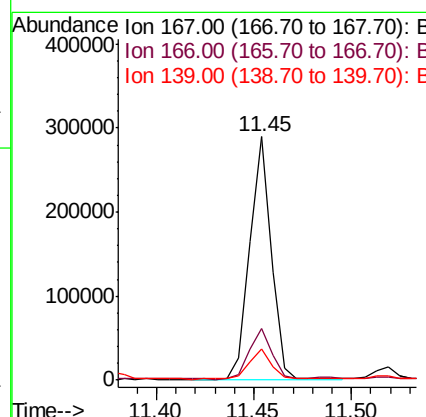
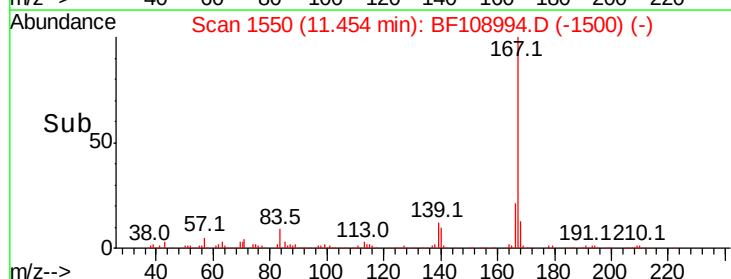
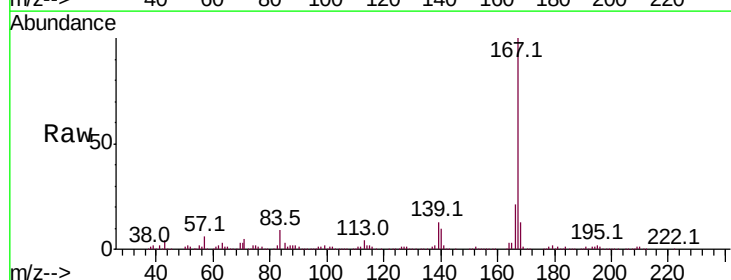
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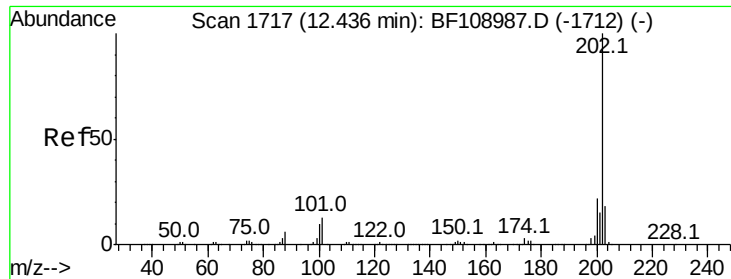
Sohil
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#72
 Carbazole
 Concen: 8.897 ng
 RT: 11.45 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF108994.D
 Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.8	10.9	16.3





#74

Fluoranthene

Concen: 48.330 ng

RT: 12.44 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BF108994.D

Acq: 14 Sep 2018 15:03

Instrument :

BNA_F

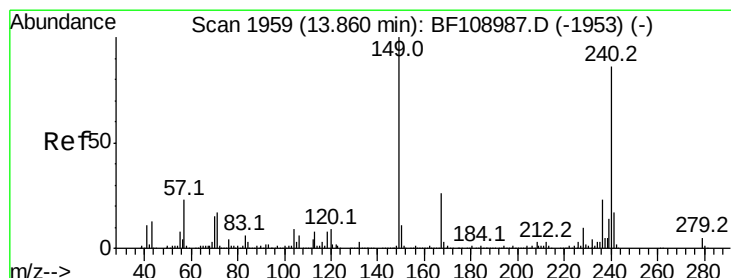
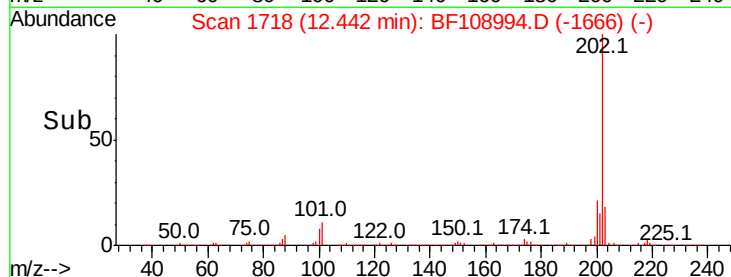
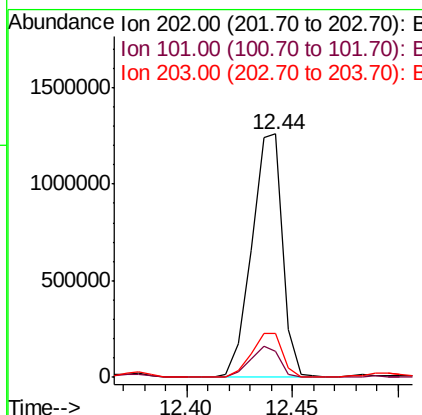
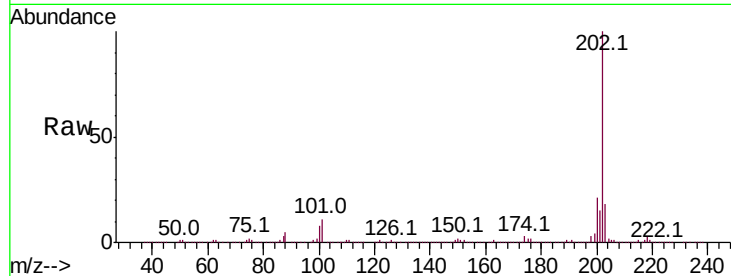
ClientSampleId :

ROLLOFF02-COMP-FILL

Tot Ion:	202	Resp:	1266113
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

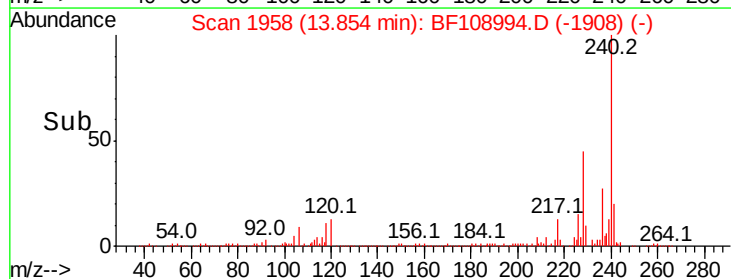
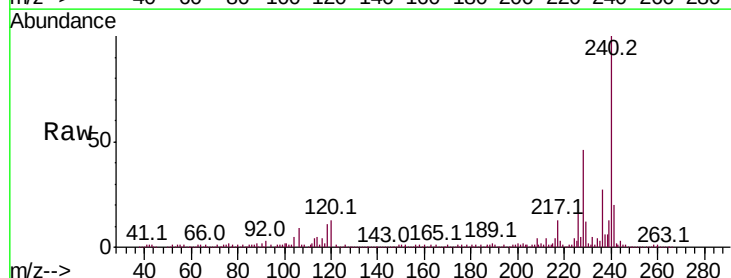
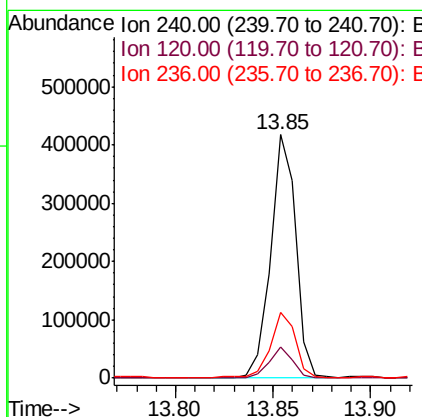
RT: 13.85 min Scan# 1958

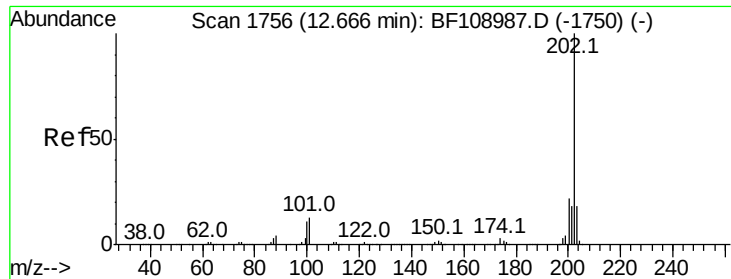
Delta R.T. -0.01 min

Lab File: BF108994.D

Acq: 14 Sep 2018 15:03

Tgt Ion:	240	Resp:	369091
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	27.2	20.7	31.1





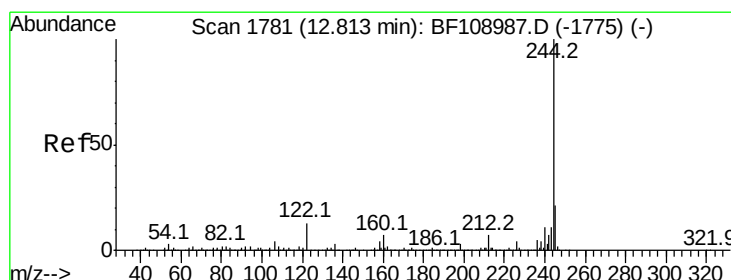
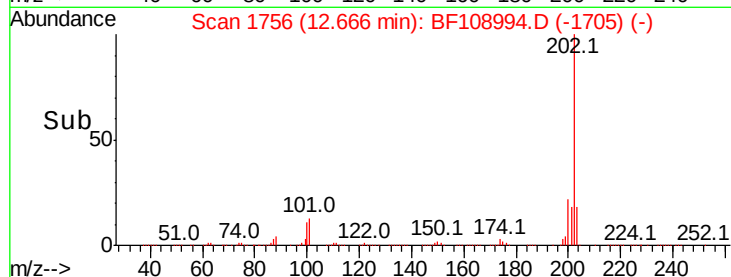
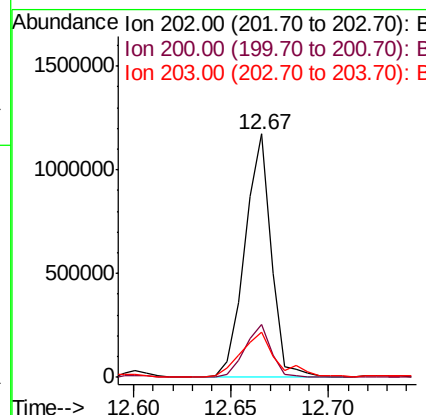
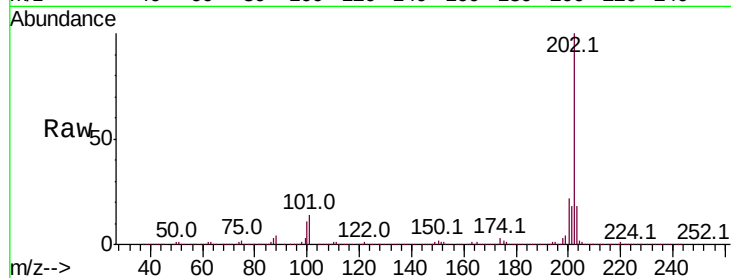
#77
Pvrene
Concen: 39.740 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.4	14.3	21.5

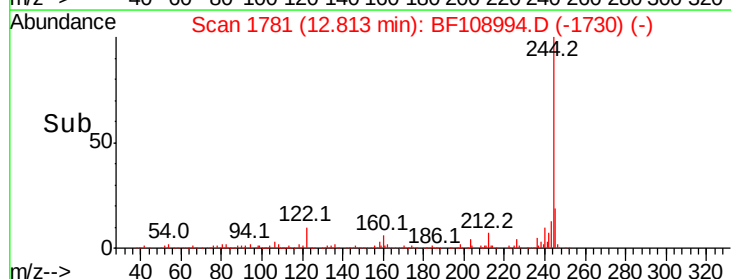
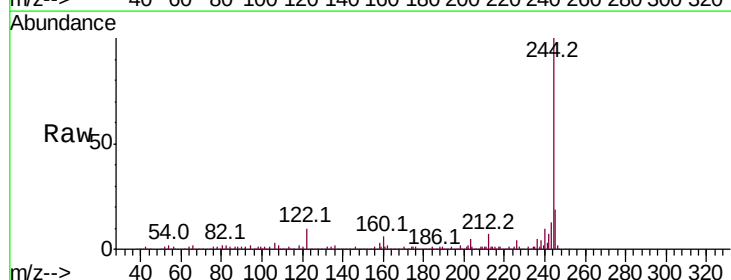
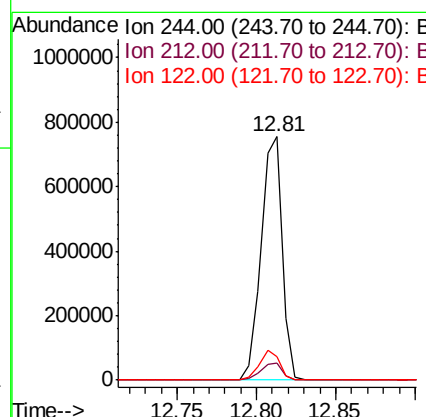
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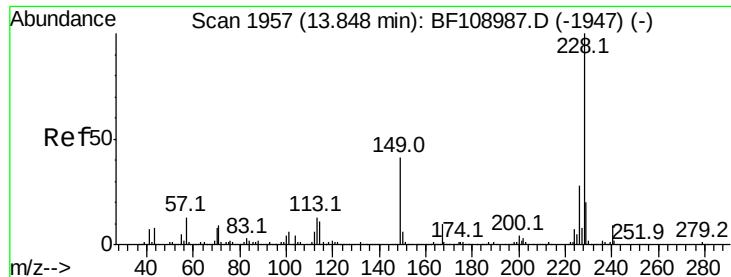
Sohil
9/17/2018 1:59:25 PM



#78
Terphenyl-d14
Concen: 45.074 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

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





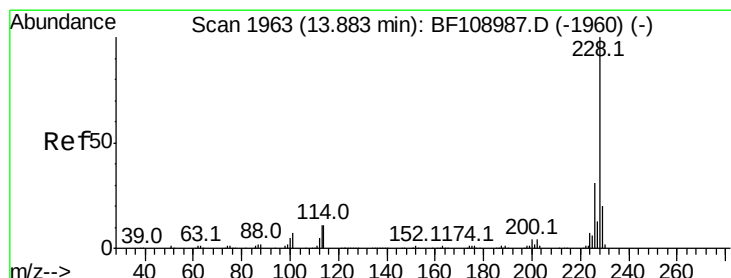
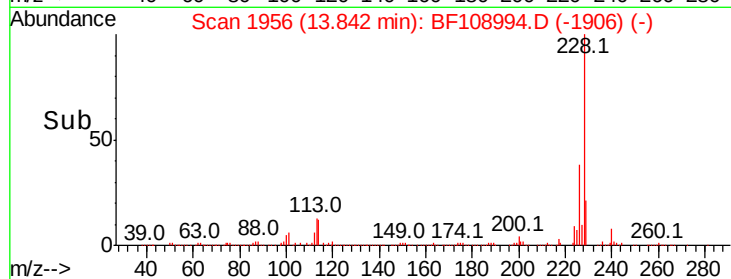
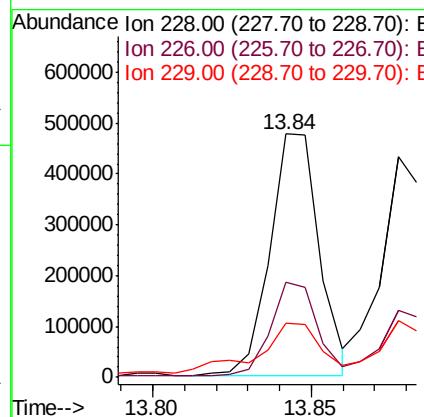
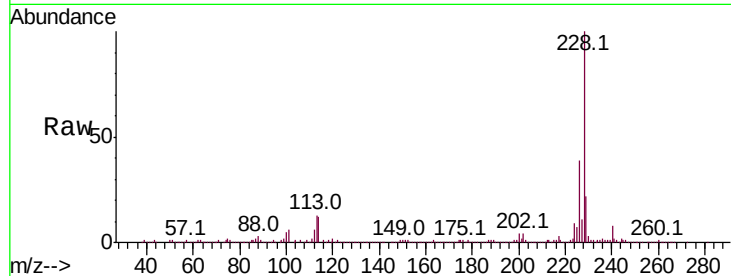
#80
Benzo(a)anthracene
Concen: 22.957 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.9	22.6	33.8#
229	22.2	15.8	23.6

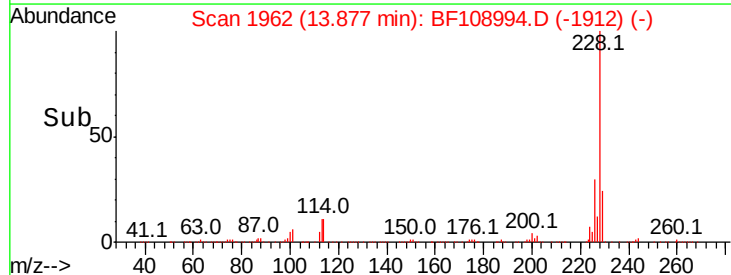
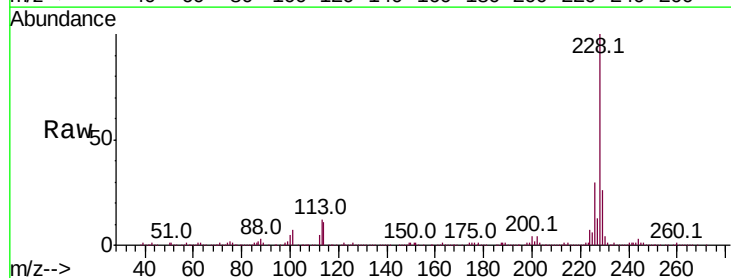
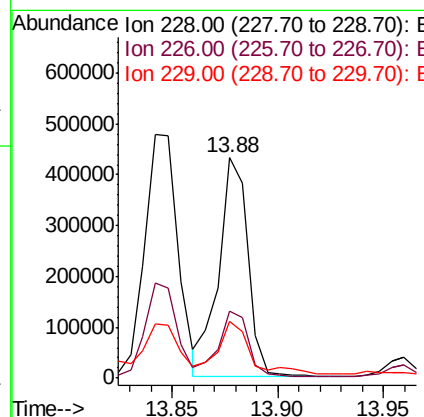
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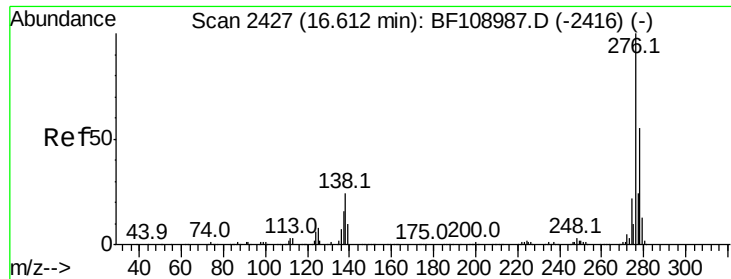
Sohil
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#82
Chrysene
Concen: 18.582 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	25.5	16.2	24.4#





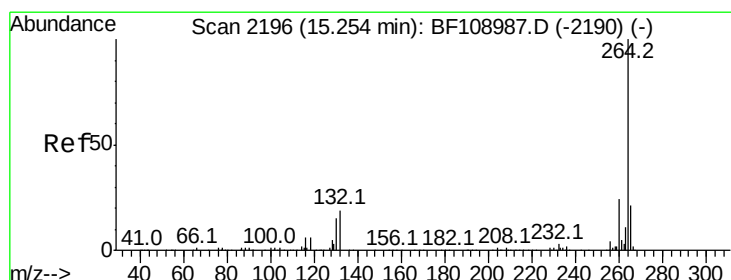
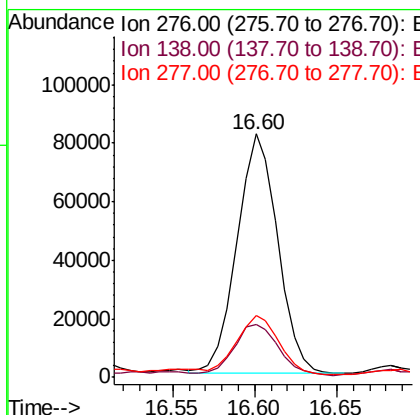
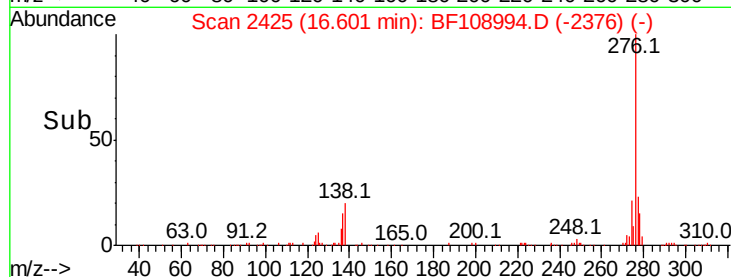
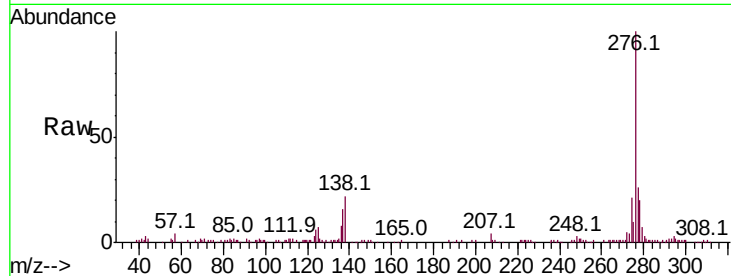
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.979 ng/ml
RT: 16.60 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.1	25.0	37.6#
277	5.4	20.1	30.1#

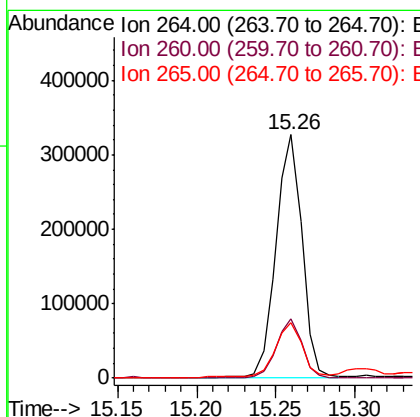
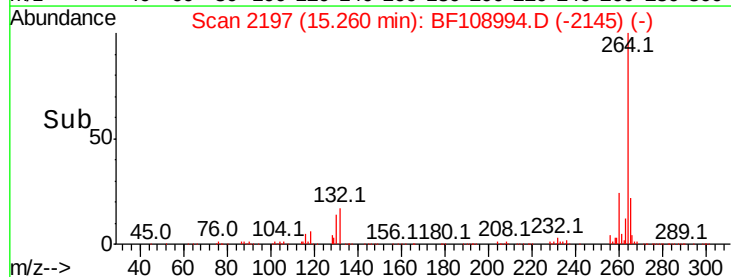
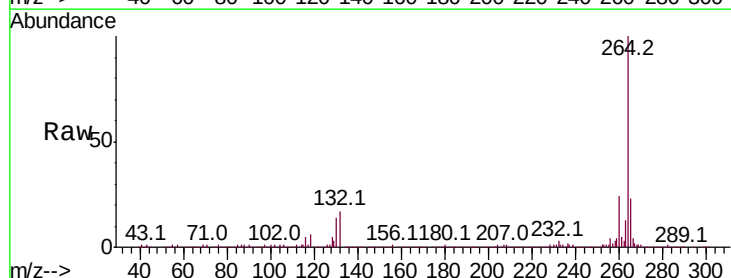
Manual Integrations
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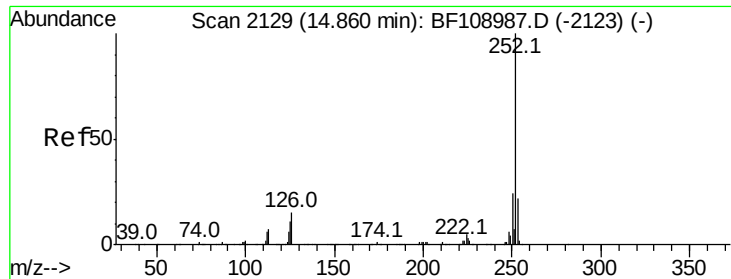
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.5	26.3





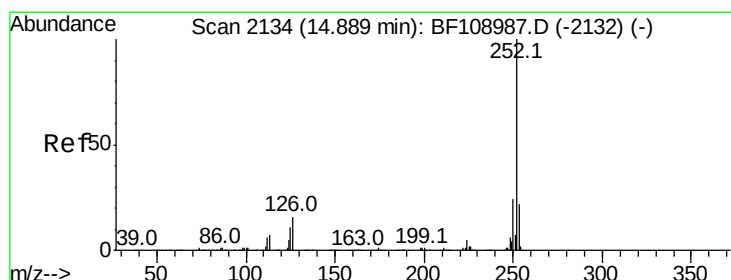
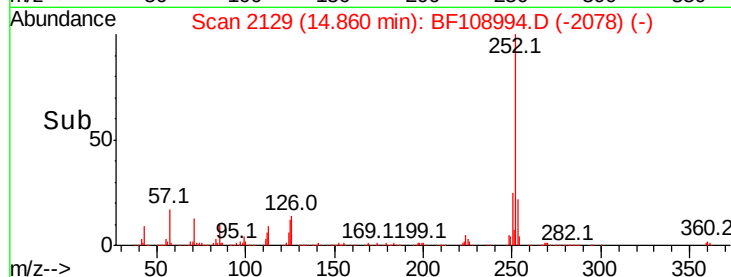
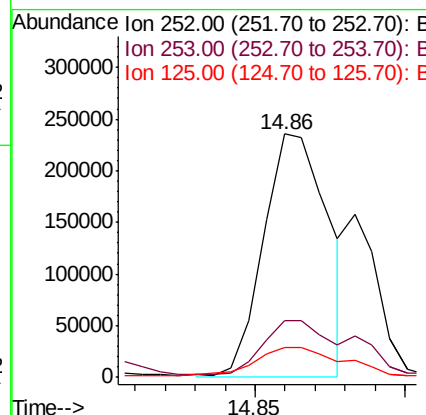
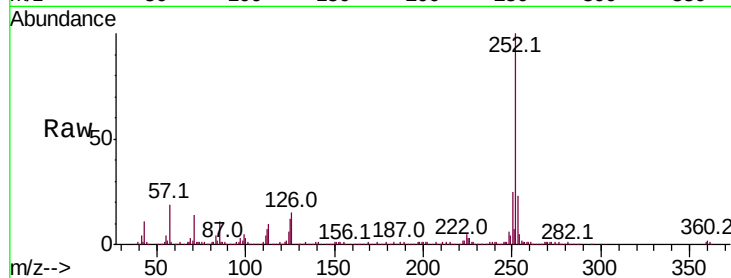
#87
Benzo(b)fluoranthene
Concen: 17.093 ng m
RT: 14.86 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.2	9.0	13.6

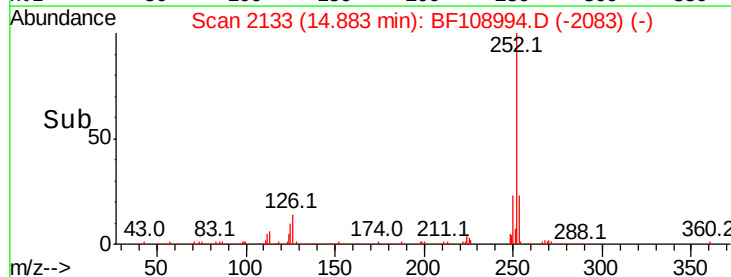
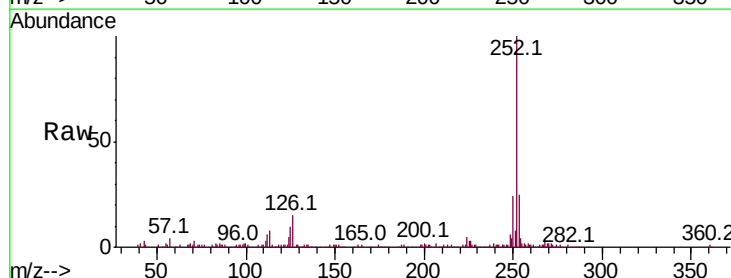
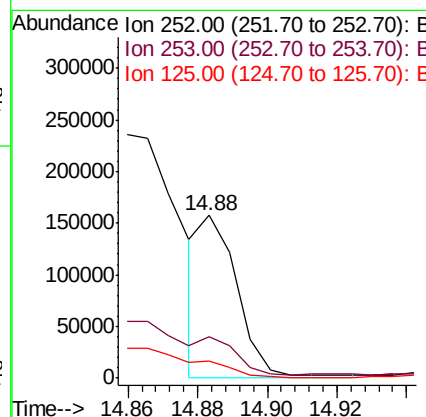
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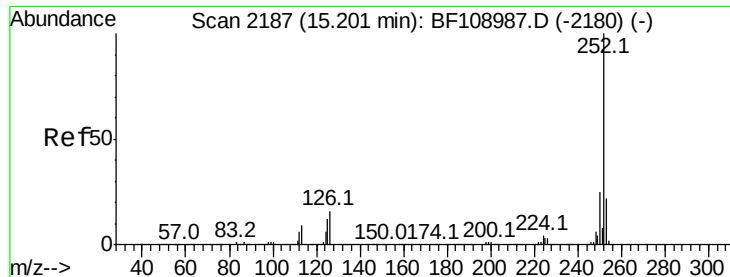
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#88
Benzo(k)fluoranthene
Concen: 6.174 ng m
RT: 14.88 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF108994.D
Acq: 14 Sep 2018 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	10.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 16.039 ng

RT: 15.20 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF108994.D

Acq: 14 Sep 2018 15:03

Instrument :

BNA_F

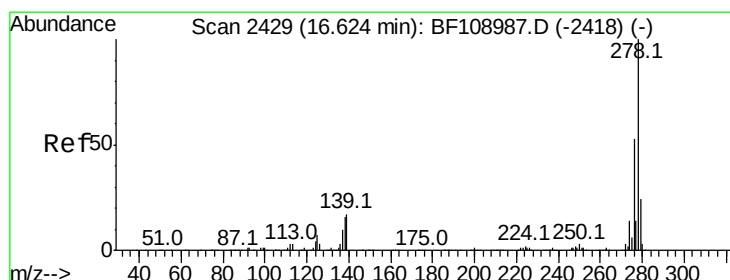
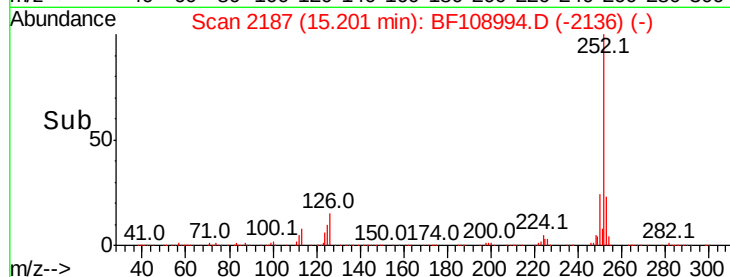
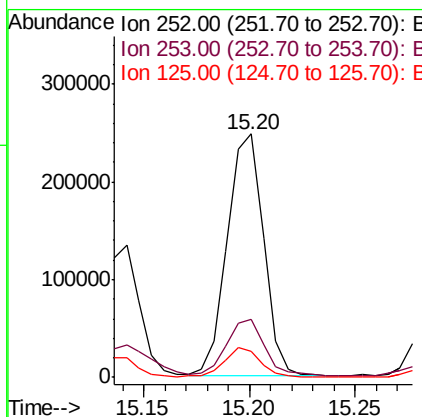
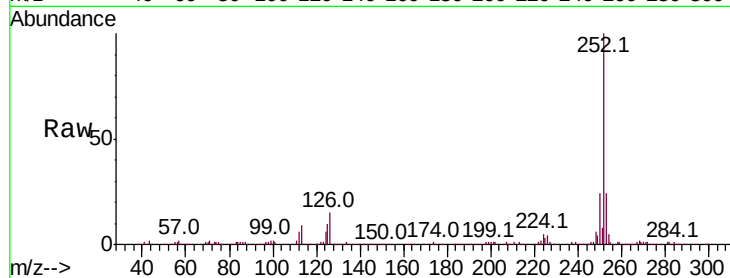
ClientSampleId :

ROLLOFF02-COMP-FILL

Tot Ion:	252	Resp:	294269
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	10.5	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 2.957 ng

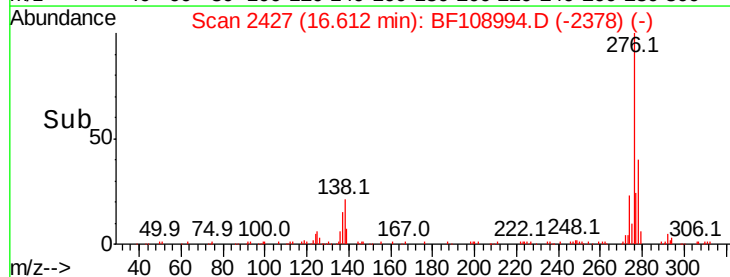
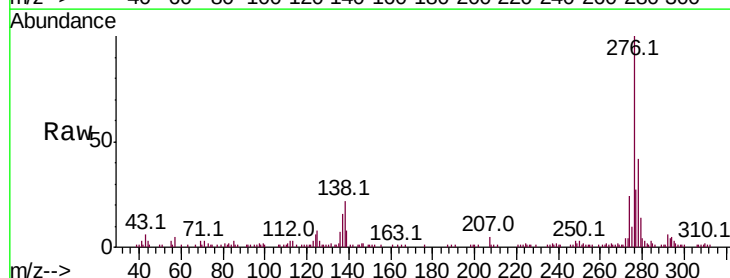
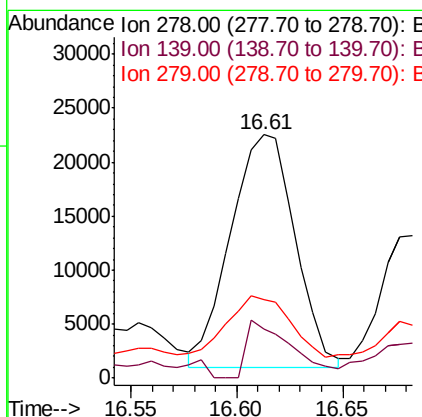
RT: 16.61 min Scan# 2427

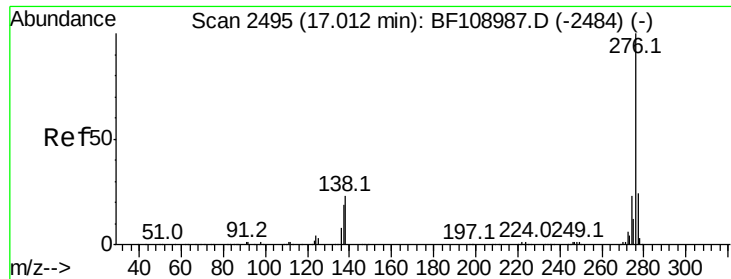
Delta R.T. -0.01 min

Lab File: BF108994.D

Acq: 14 Sep 2018 15:03

Tgt Ion:	278	Resp:	45587
Ion Ratio	Lower	Upper	
278	100		
139	20.0	15.9	23.9
279	32.3	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 7.899 ng
 RT: 17.01 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF108994.D
 Acq: 14 Sep 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Tot Ion:	276	Resp:	121729
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	21.9	21.8	32.8

Manual Integrations
 APPROVED

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 9/17/2018 1:59:25 PM

