

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109041.D
 Acq On : 17 Sep 2018 12:03
 Operator : JU/SJ
 Sample : J4919-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Manual Integrations
 APPROVED

Sohil
 9/18/2018 5:59:56 PM

Quant Time: Sep 17 14:20:32 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	105480	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	345636	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162645	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	279658	20.00	ng	0.00
75) Chrysene-d12	13.86	240	251733	20.00	ng	0.00
86) Perylene-d12	15.27	264	266303	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	136686	21.52	ng	0.00
7) Phenol-d6	6.35	99	183198	22.37	ng	-0.01
23) Nitrobenzene-d5	7.28	82	107718	17.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	29903	16.94	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	178534	17.20	ng	0.00
78) Terphenyl-d14	12.81	244	164913	15.53	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.15	79	20225	2.524	ng	93
10) Phenol	6.36	94	195429	21.209	ng	97
17) 2-Methylphenol	6.97	107	171571	29.589	ng	95
20) 3+4-Methylphenols	7.14	107	626845	89.762	ng	88
27) 2,4-Dimethylphenol	7.67	122	294722	63.331	ng	98
31) Naphthalene	8.05	128	5866223	365.673	ng	95
37) 2-Methylnaphthalene	8.72	142	1168359	111.726	ng	98
45) 1,1'-Biphenyl	9.18	154	348346	26.771	ng	98
48) Acenaphthylene	9.62	152	1550983	98.714	ng	99
51) Acenaphthene	9.78	154	167032	17.073	ng	99
54) Dibenzofuran	9.95	168	827343	58.519	ng	92
57) Fluorene	10.30	166	716186	76.014	ng	98
70) Phenanthrene	11.27	178	2746024	200.311	ng	98
71) Anthracene	11.31	178	1332387	95.879	ng	99
72) Carbazole	11.45	167	485757	35.311	ng	100
74) Fluoranthene	12.45	202	1746413	120.671	ng	97
77) Pyrene	12.67	202	1544590	82.605	ng	98
80) Benzo(a)anthracene	13.85	228	883561m	57.974	ng	
82) Chrysene	13.89	228	704778	46.220	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	212479m	17.429	ng	
87) Benzo(b)fluoranthene	14.87	252	660574m	44.838	ng	
88) Benzo(k)fluoranthene	14.89	252	240925m	17.509	ng	
89) Benzo(a)pyrene	15.21	252	563057	43.036	ng	97
90) Dibenzo(a,h)anthracene	16.62	278	57114m	5.196	ng	
91) Benzo(g,h,i)perylene	17.01	276	181828	16.546	ng	95

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

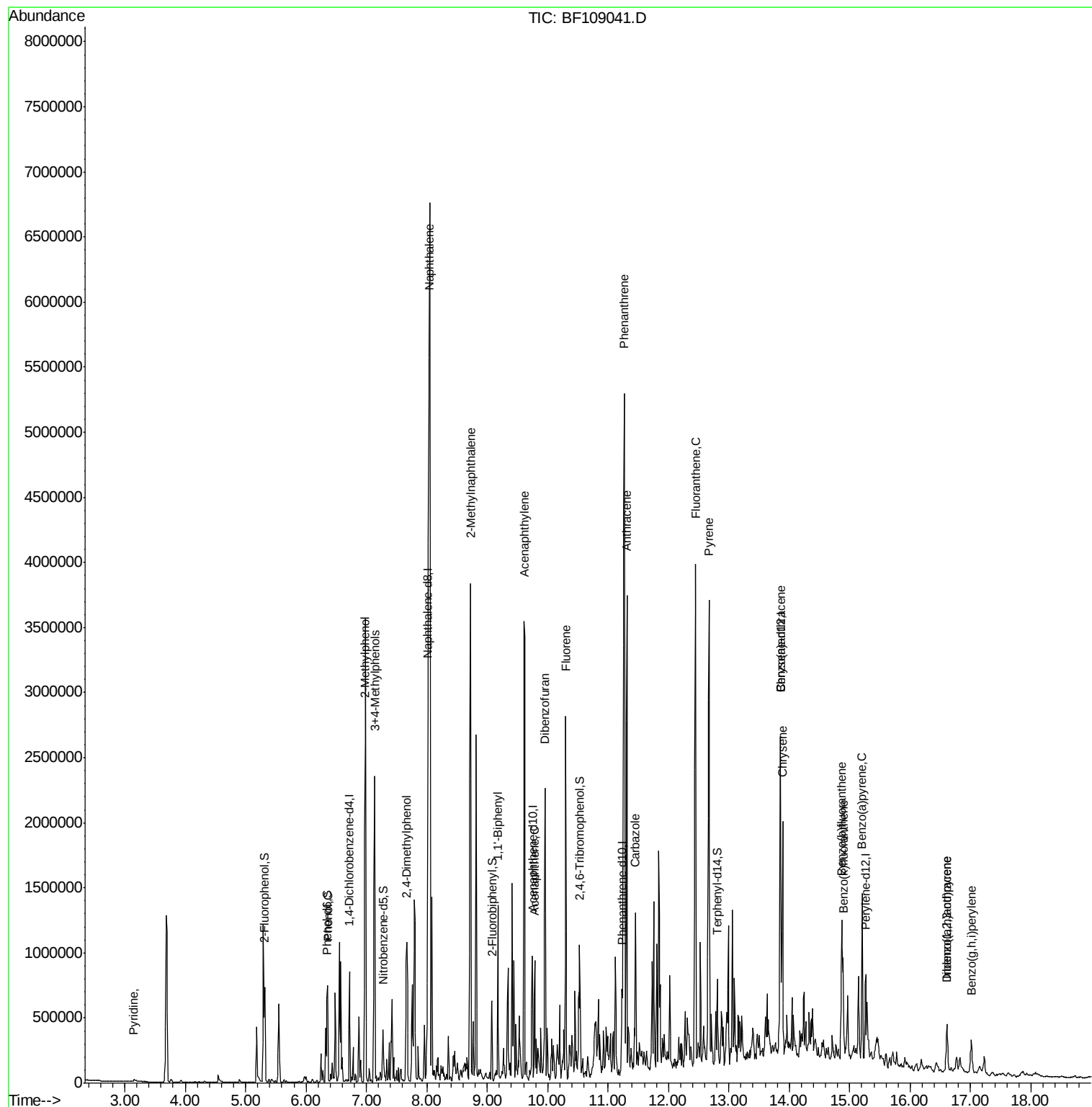
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109041.D
Acq On : 17 Sep 2018 12:03
Operator : JU/SJ
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

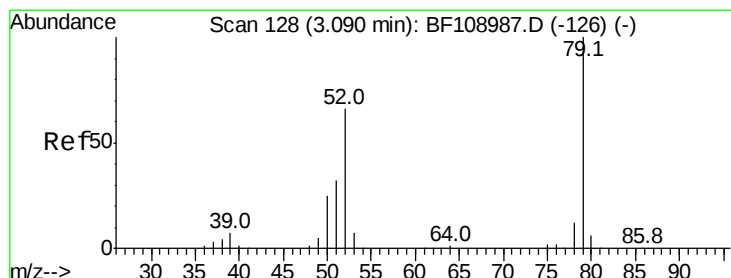
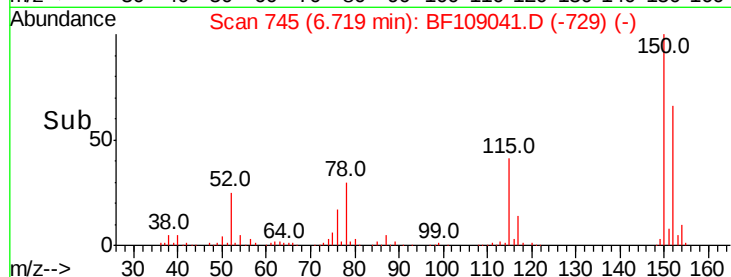
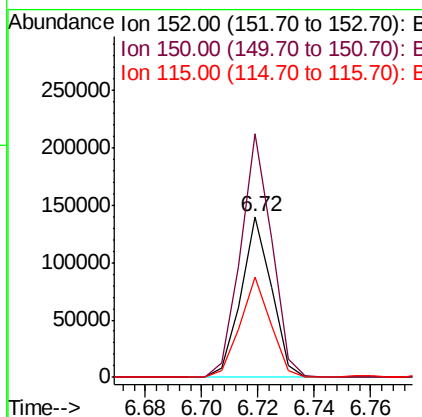
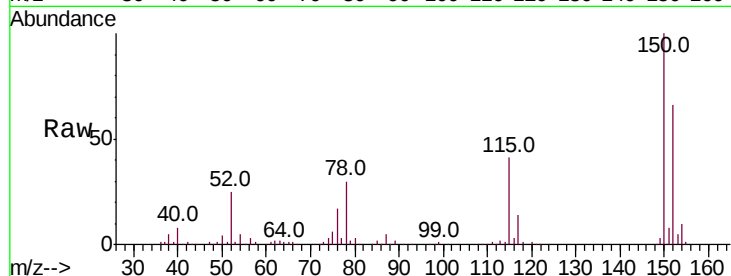
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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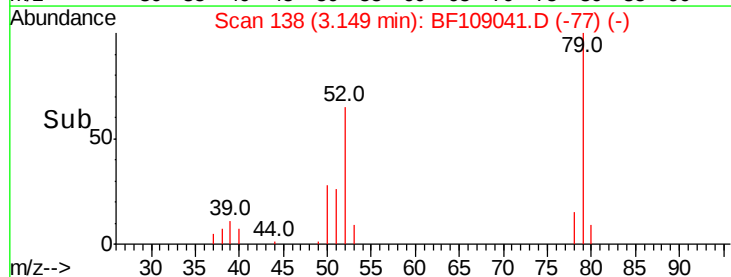
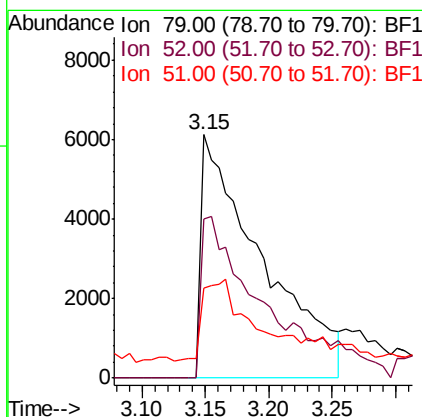
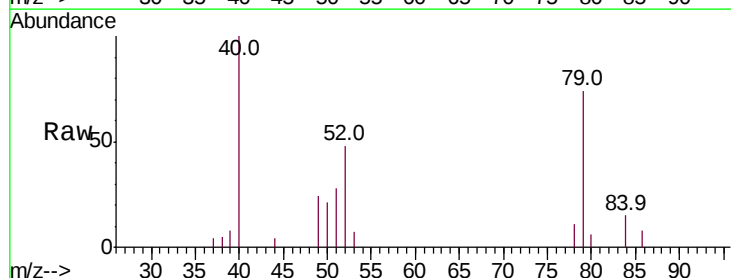
Sohil
9/18/2018 5:59:56 PM

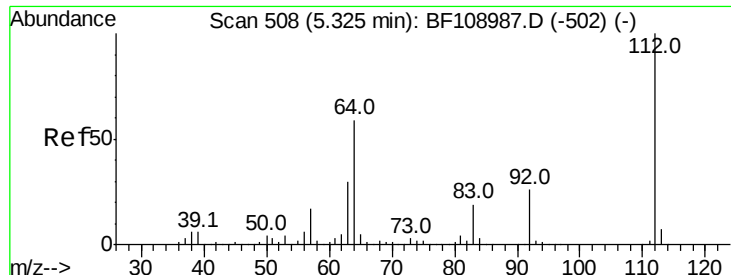


#3

Pyridine
Concen: 2.524 ng
RT: 3.15 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.4	59.8	89.6
51	37.2	29.8	44.8





#5

2-Fluorophenol

Concen: 21.523 ng

RT: 5.32 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

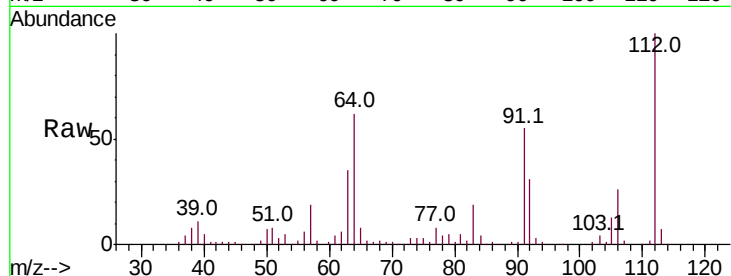
ROLLOFF-03_COMP_FILL

Tot Ion:	112	Resp:	136686
Ion Ratio	Lower	Upper	
112	100		
64	61.8	47.9	71.9
63	34.5	23.7	35.5

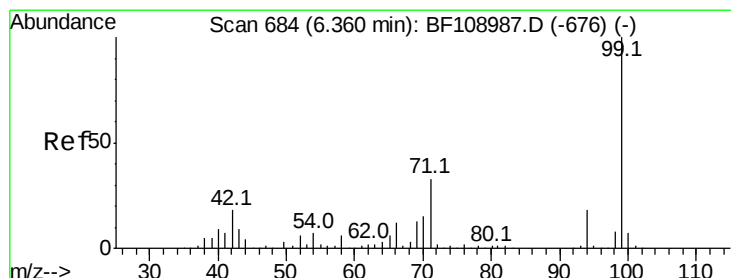
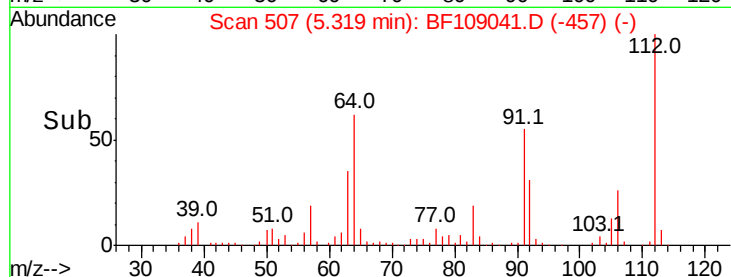
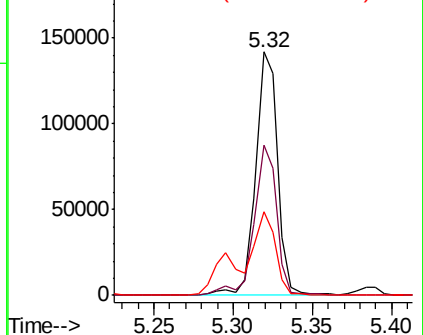
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 22.371 ng

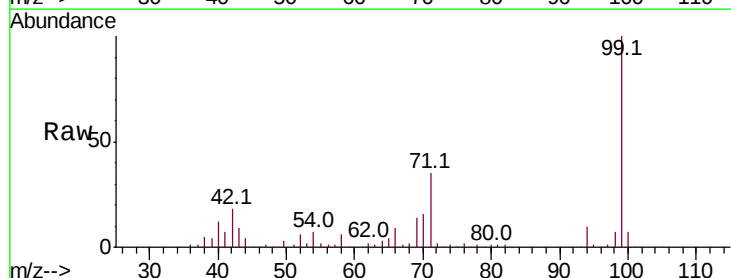
RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

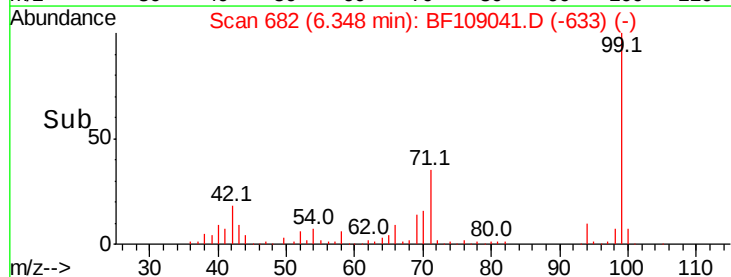
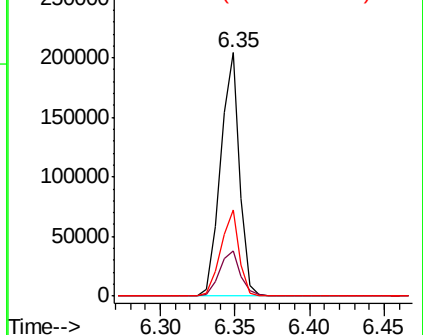
Lab File: BF109041.D

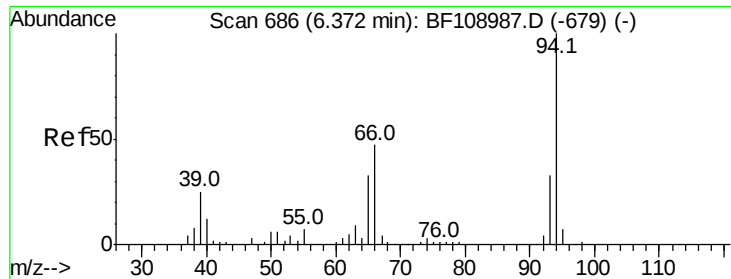
Acq: 17 Sep 2018 12:03

Tgt Ion:	99	Resp:	183198
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.5	21.7
71	35.4	25.4	38.0



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: 21.209 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion: 94 Resp: 195429

Ion Ratio Lower Upper

94 100

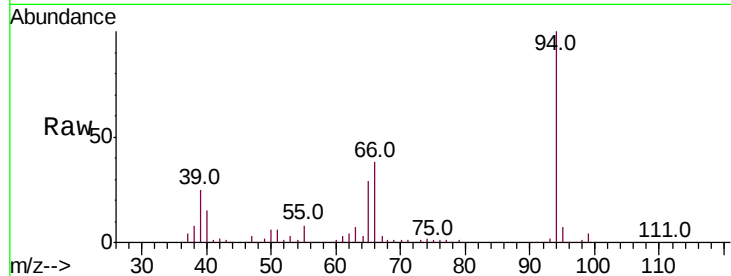
65 29.3 7.9 47.9

66 38.5 16.2 56.2

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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

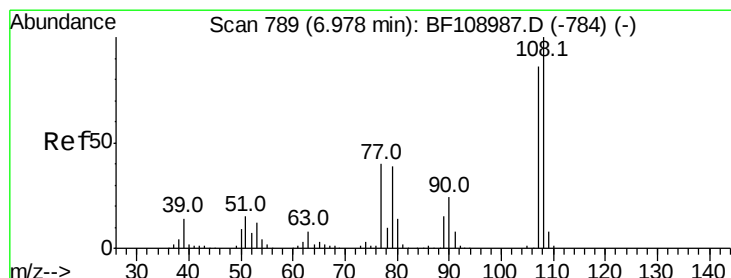
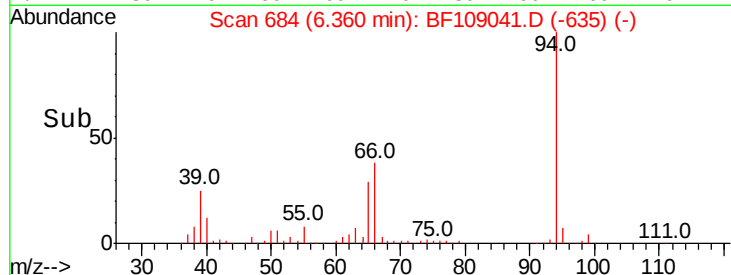
6.36

200000

100000

0

Time--> 6.30 6.35 6.40



#17

2-Methylphenol

Concen: 29.589 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Tgt Ion: 107 Resp: 171571

Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 49.8 33.8 50.8

79 47.7 33.8 50.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

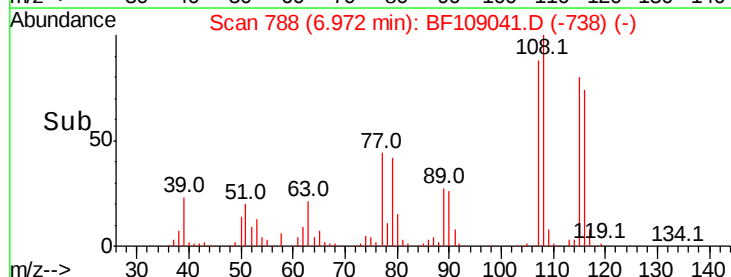
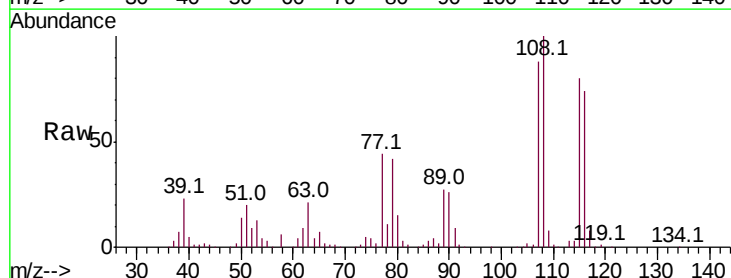
300000

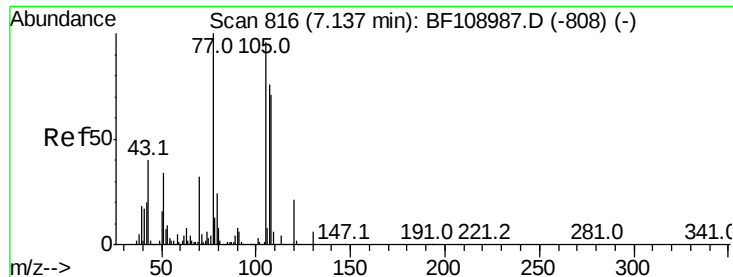
200000

100000

0

Time--> 6.90 6.95 7.00 7.05





#20

3+4-Methylphenols

Concen: 89.762 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

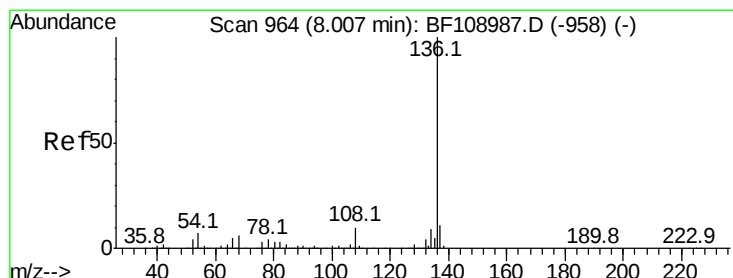
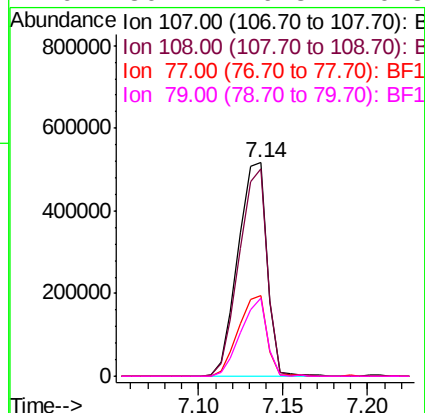
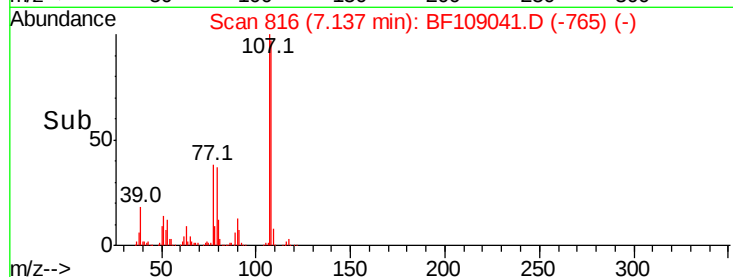
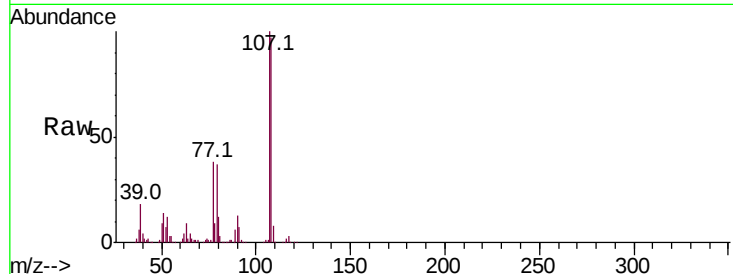
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.8	68.2	108.2	
77	37.9	26.7	66.7	
79	36.7	6.3	46.3	

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

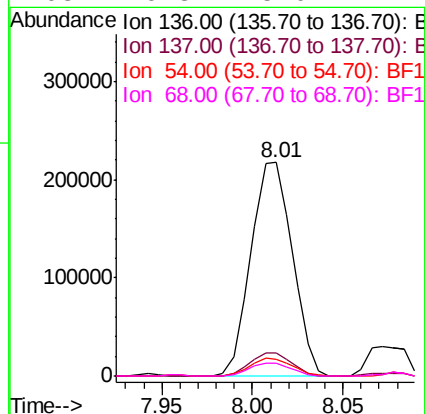
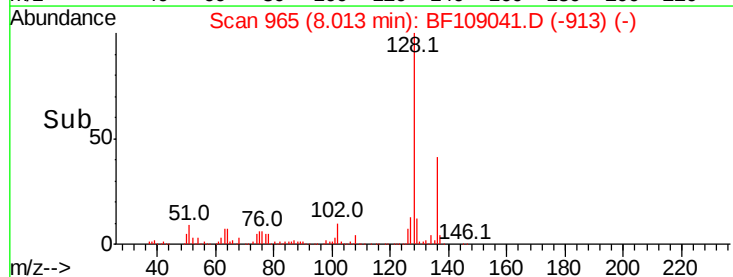
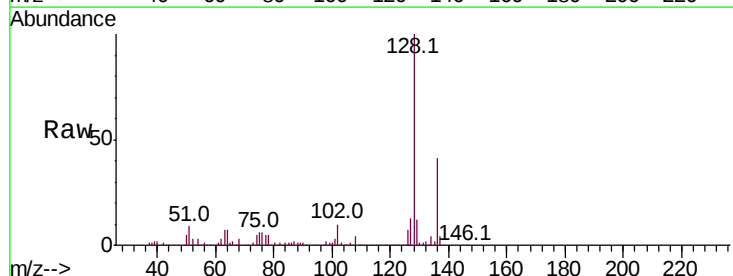
RT: 8.01 min Scan# 965

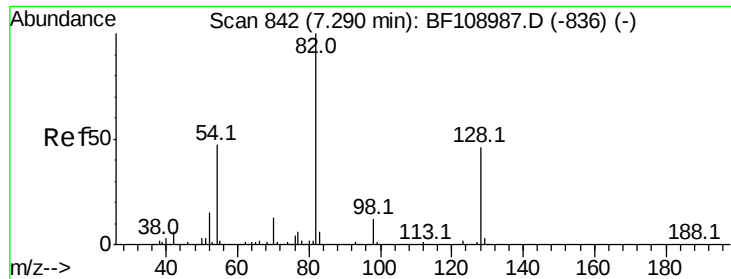
Delta R.T. 0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.8	6.6	9.8	
68	6.3	5.0	7.4	





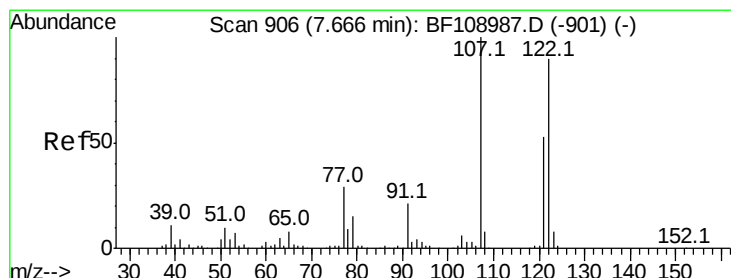
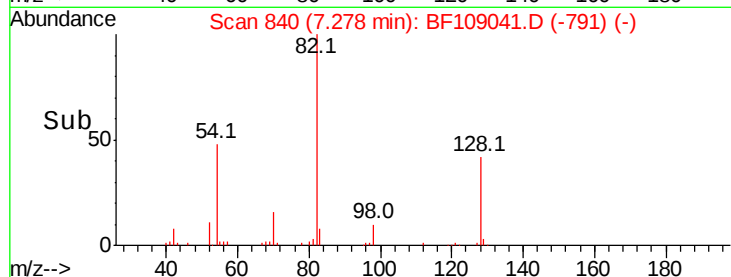
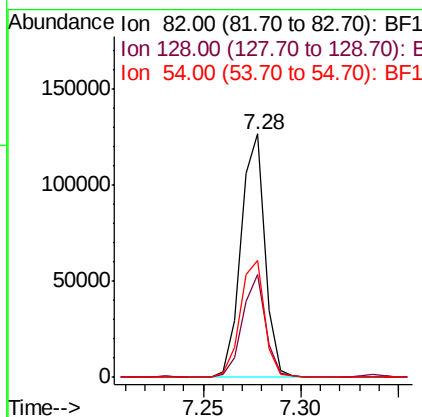
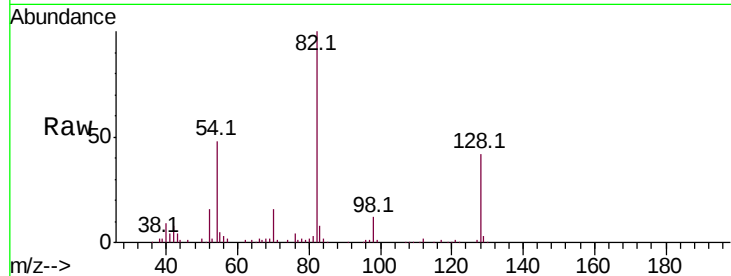
#23
Nitrobenzene-d5
Concen: 17.480 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	36.1	54.1	
54	48.1	41.4	62.2	

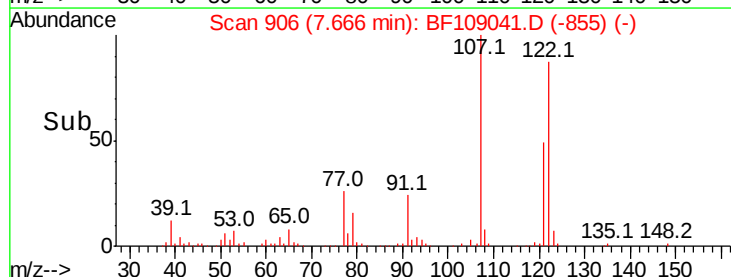
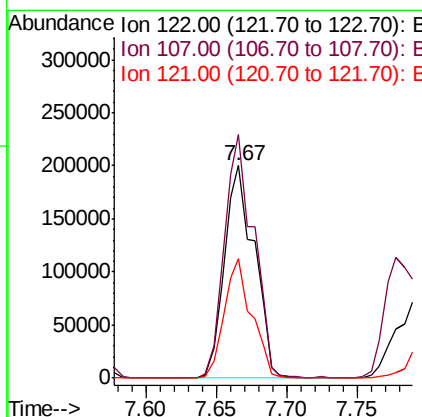
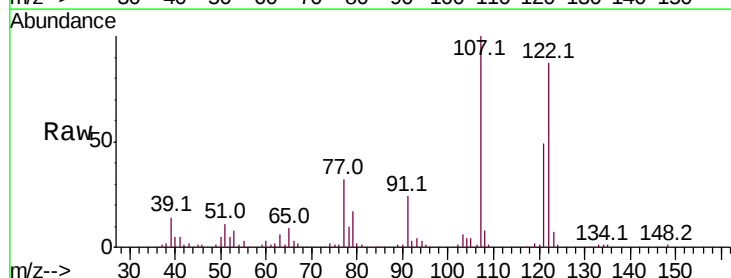
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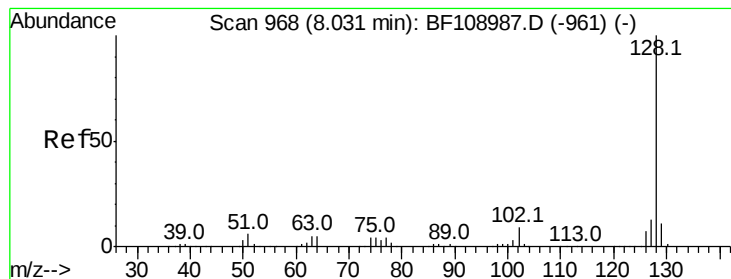
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#27
2,4-Dimethylphenol
Concen: 63.331 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	114.7	91.2	136.8	
121	56.2	47.2	70.8	





#31

Naphthalene

Concen: 365.673 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:128 Resp: 5866223

Ion Ratio Lower Upper

128 100

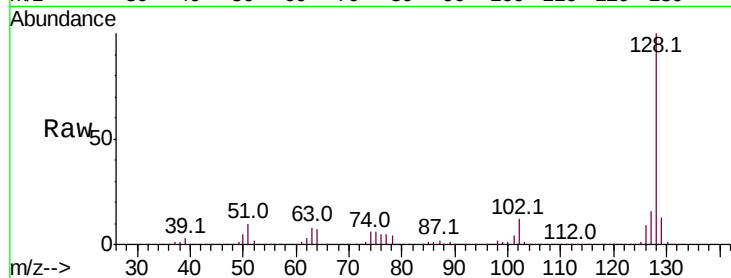
129 13.0 8.8 13.2

127 15.7 10.9 16.3

Manual Integrations
APPROVED

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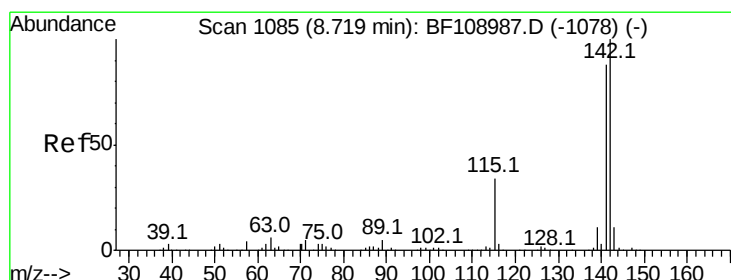
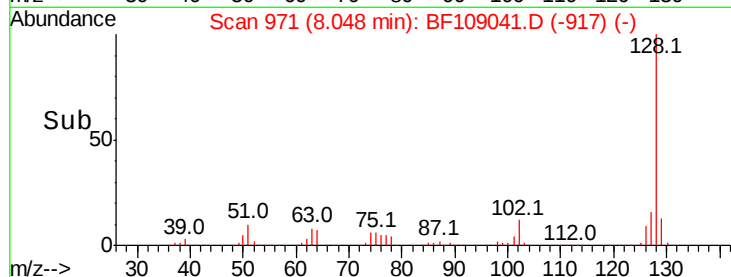
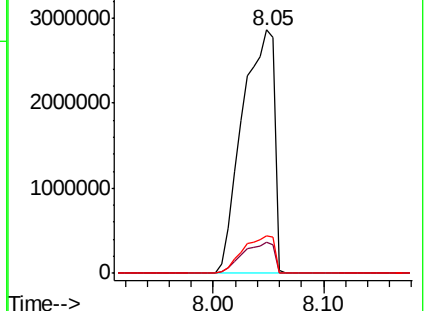
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 111.726 ng

RT: 8.72 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

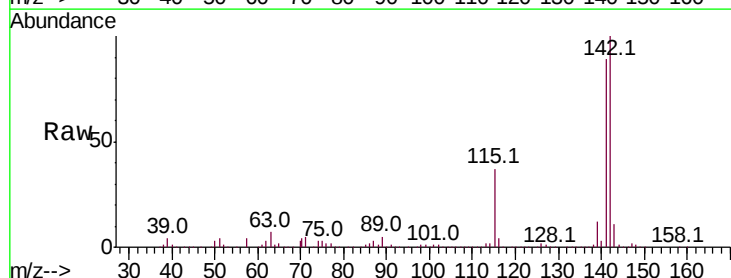
Tgt Ion:142 Resp: 1168359

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

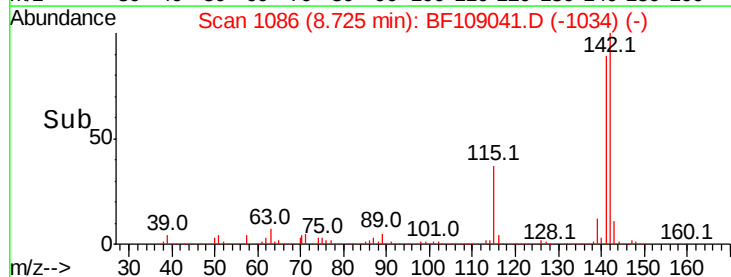
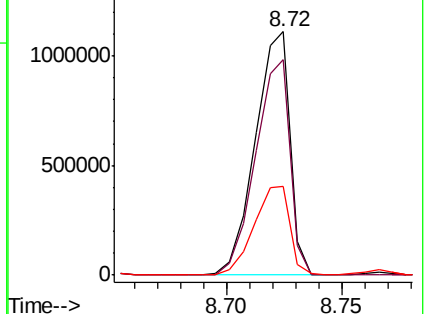
115 36.6 26.1 39.1

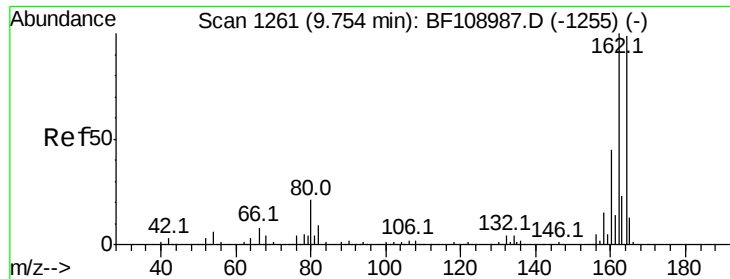


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





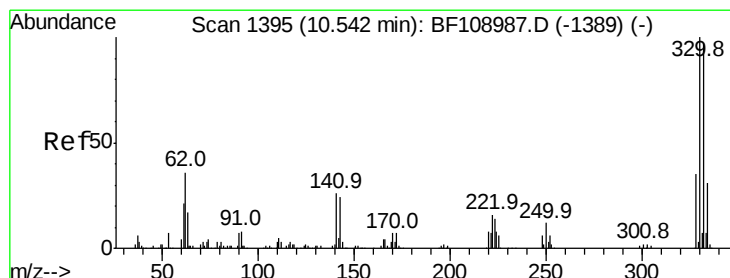
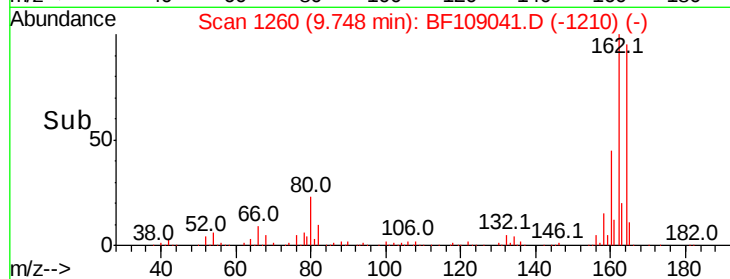
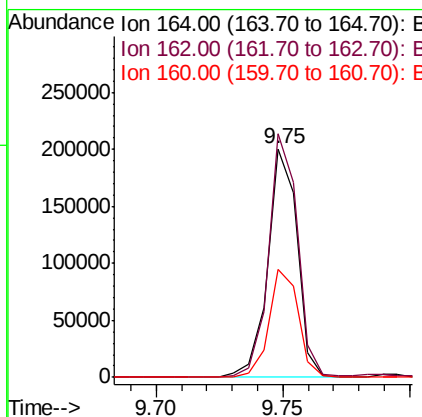
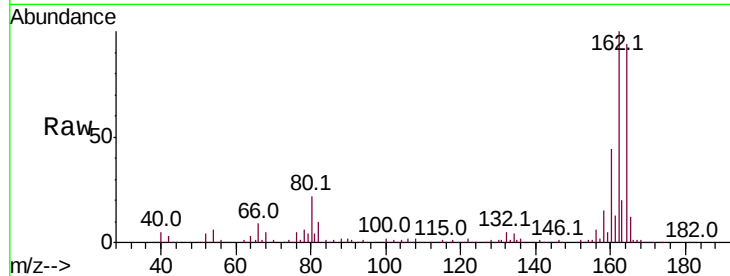
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion:	164	Resp:	162645
Ion Ratio	Lower	Upper	
164	100		
162	106.6	86.1	129.1
160	47.3	38.3	57.5

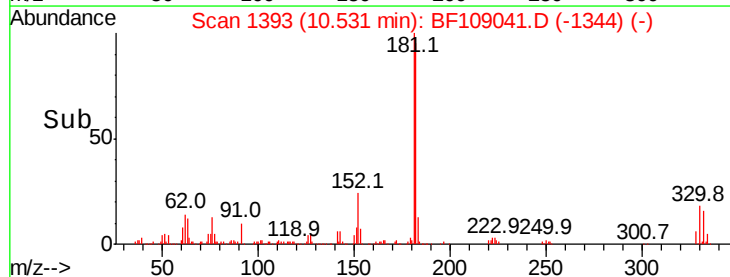
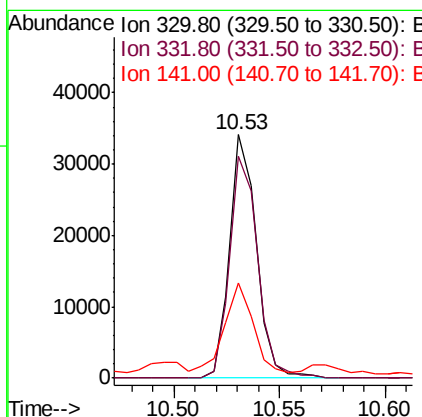
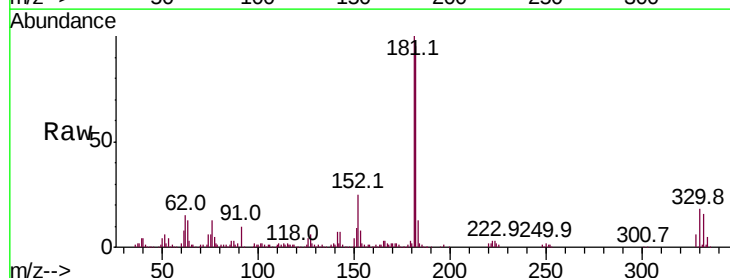
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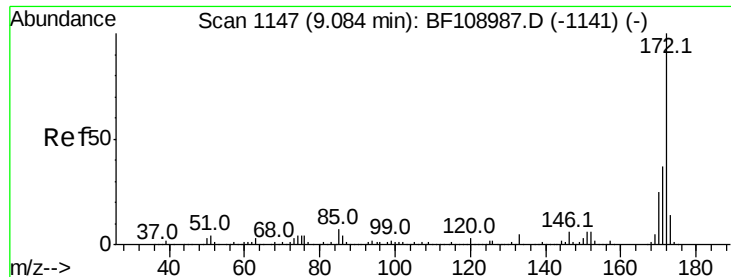
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#41
 2,4,6-Tribromophenol
 Concen: 16.941 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Tgt Ion:	330	Resp:	29903
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	41.1	29.9	44.9





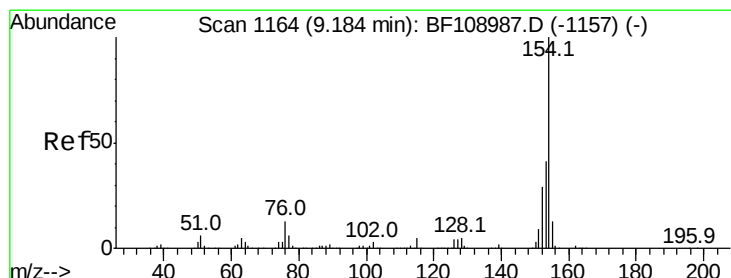
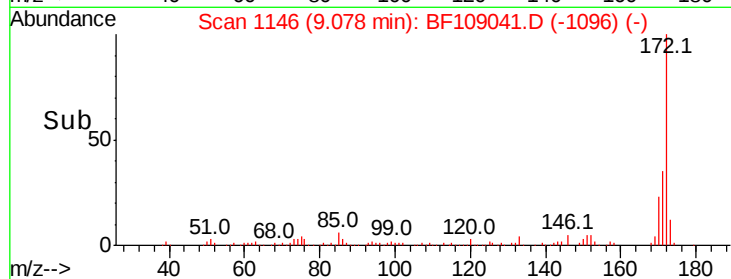
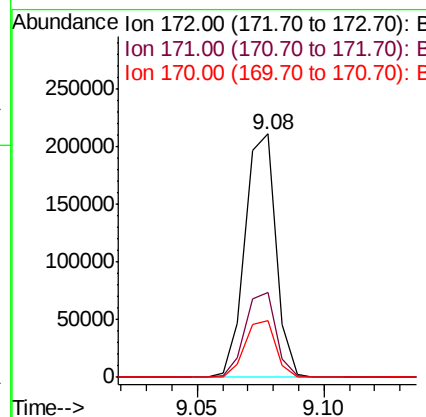
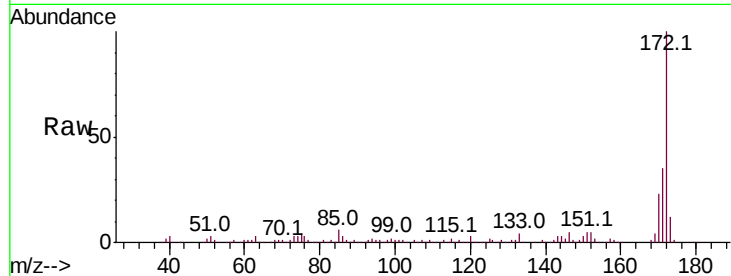
#44
 2-Fluorobiphenyl
 Concen: 17.198 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

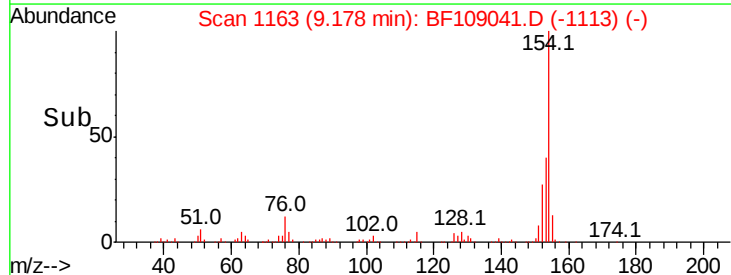
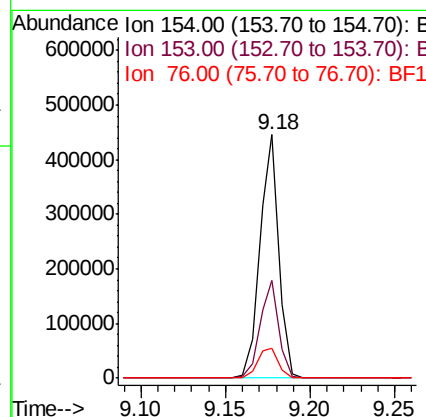
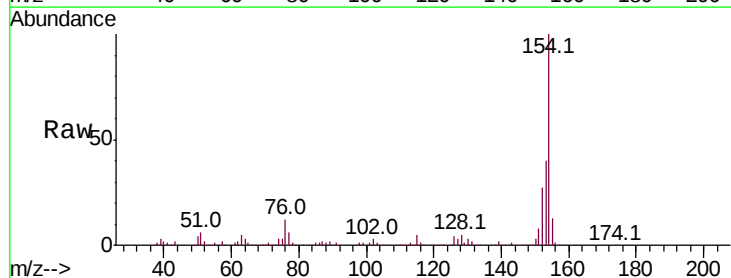
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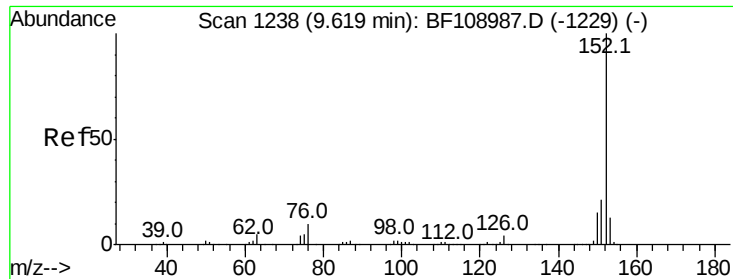
Sohil
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#45
 1,1'-Biphenyl
 Concen: 26.771 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	12.5	0.0	34.0





#48

Acenaphthylene

Concen: 98.714 ng

RT: 9.62 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:152 Resp: 1550983

Ion Ratio Lower Upper

152 100

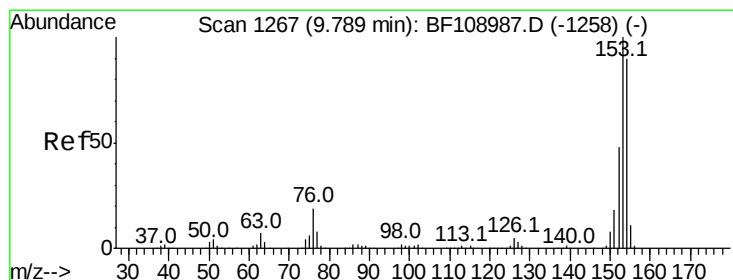
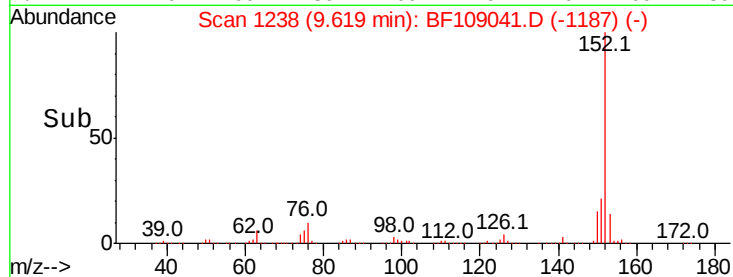
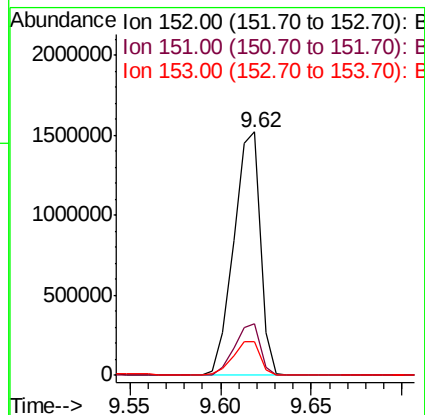
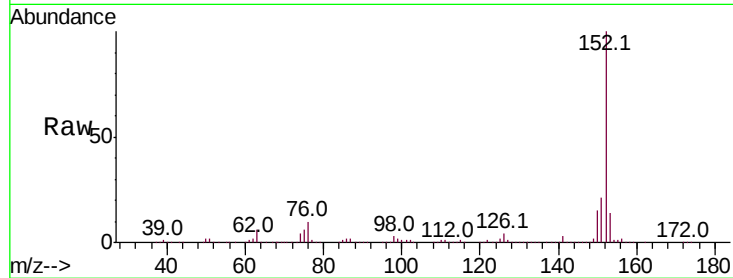
151 21.1 16.3 24.5

153 14.0 10.7 16.1

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#51

Acenaphthene

Concen: 17.073 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

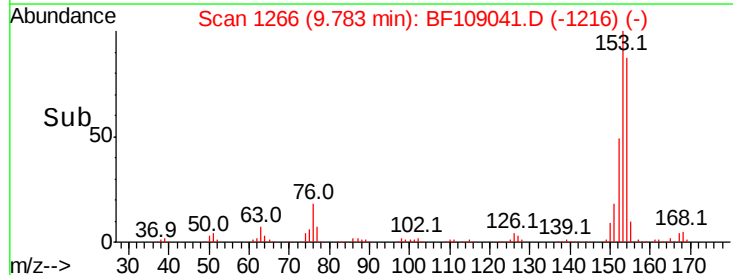
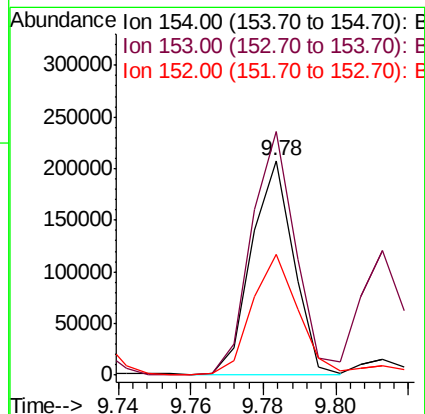
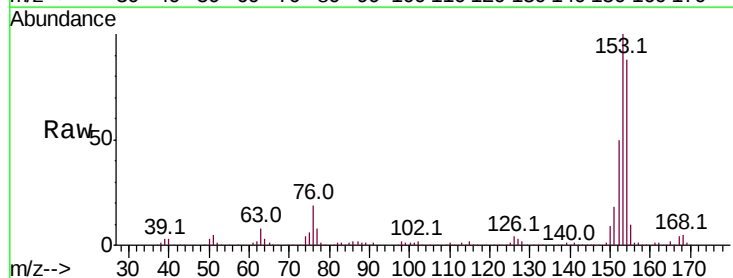
Tgt Ion:154 Resp: 167032

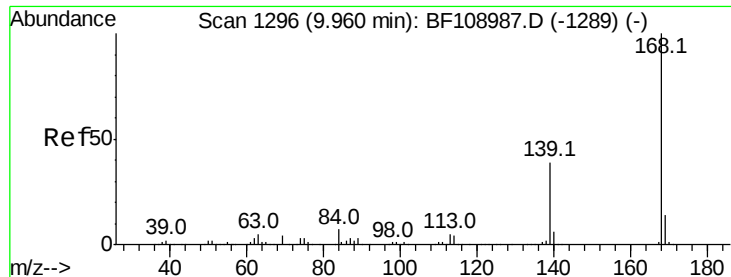
Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

152 56.3 43.8 65.8





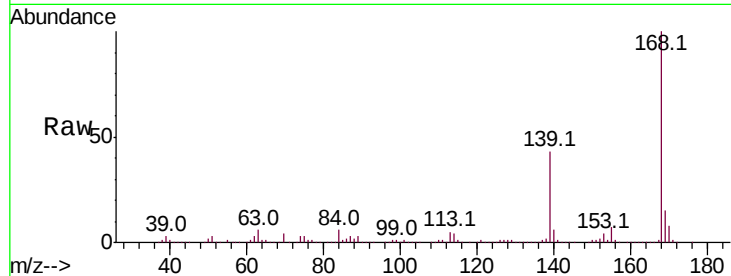
#54
Dibenzofuran
Concen: 58.519 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

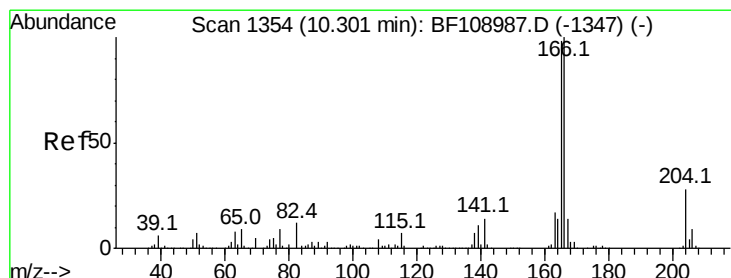
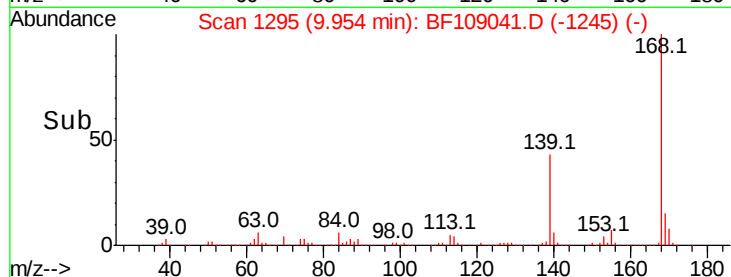
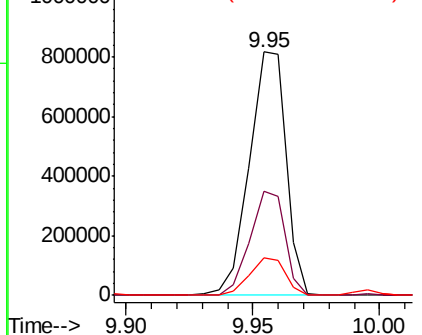
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	30.1	45.1
169	15.4	10.9	16.3

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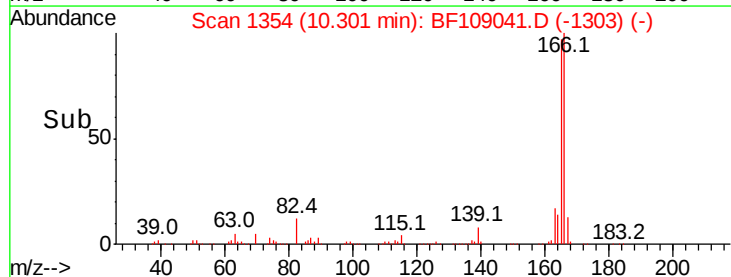
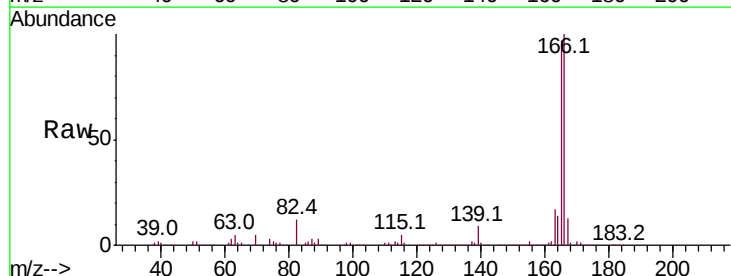
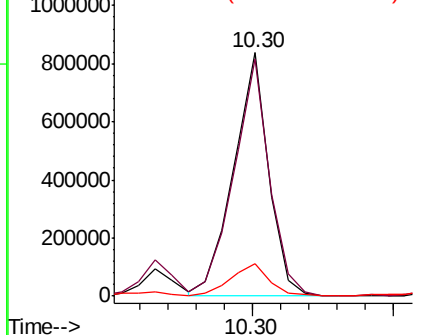
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

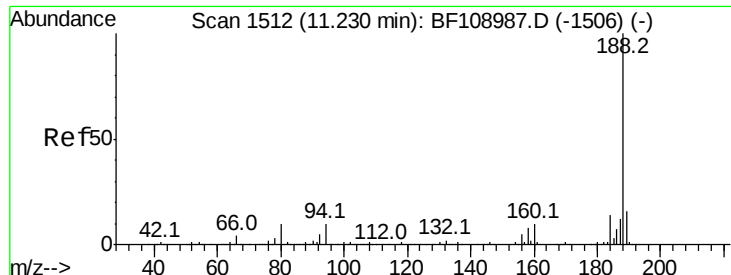


#57
Fluorene
Concen: 76.014 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.4	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





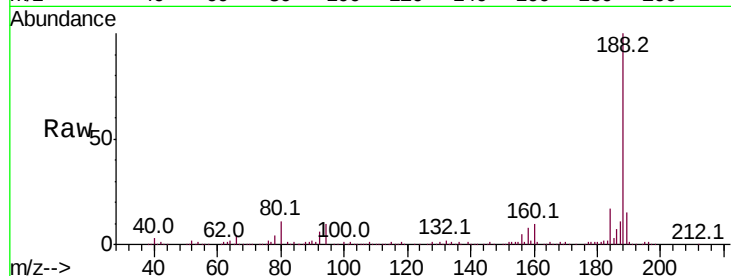
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

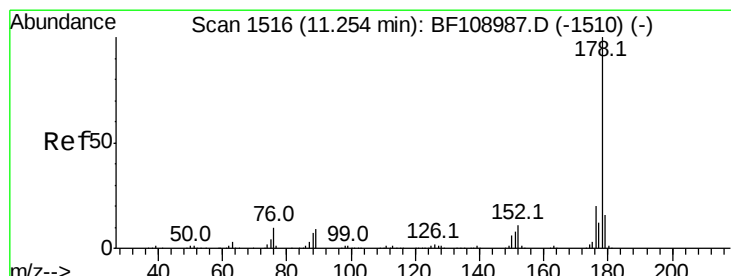
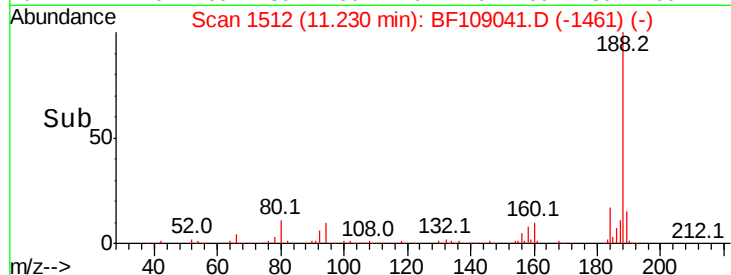
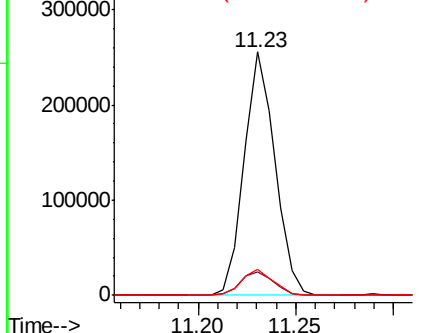
Tot Ion	Ratio	Resp	Lower	Upper
188	100	279658		
94	9.9		8.5	12.7
80	10.7		9.2	13.8

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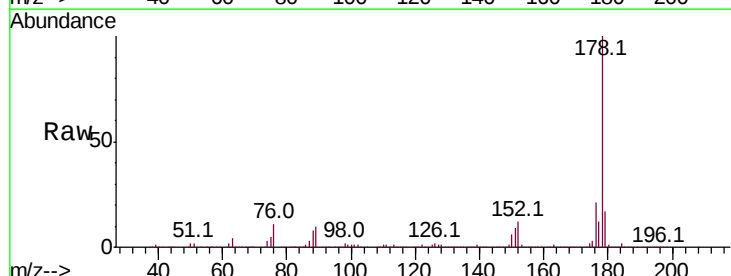


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

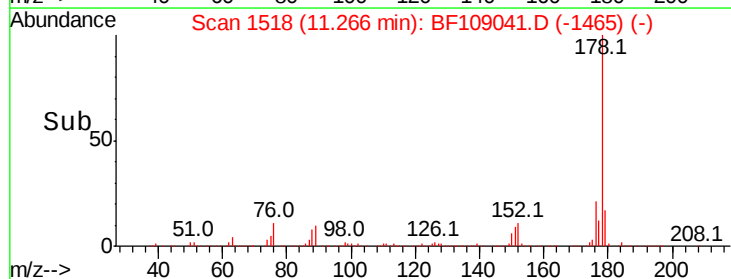
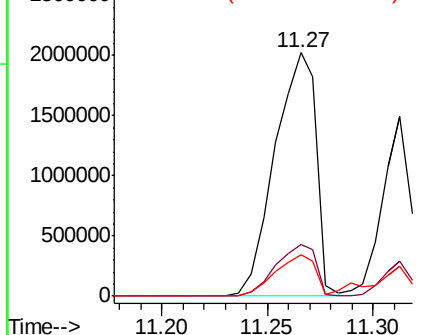


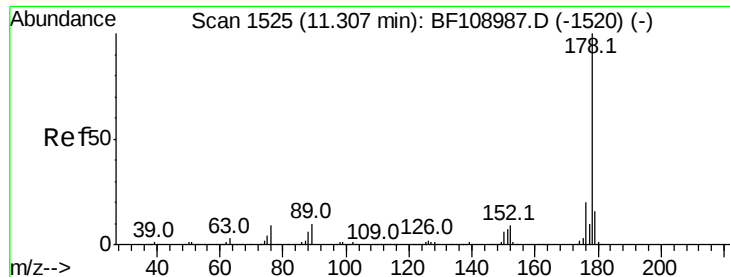
#70
Phenanthrene
Concen: 200.311 ng
RT: 11.27 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2746024		
176	21.2		15.8	23.8
179	17.0		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





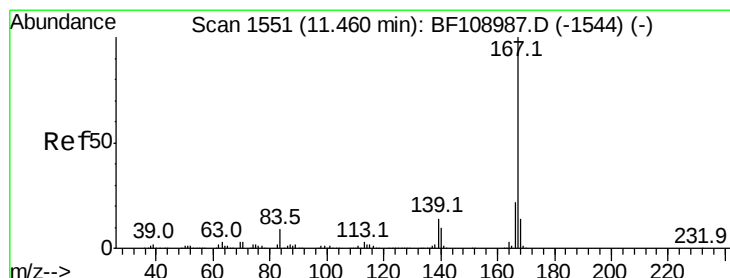
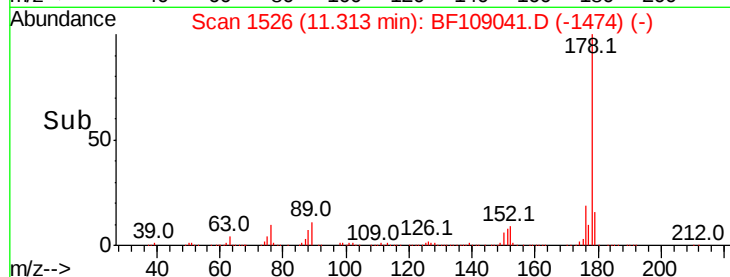
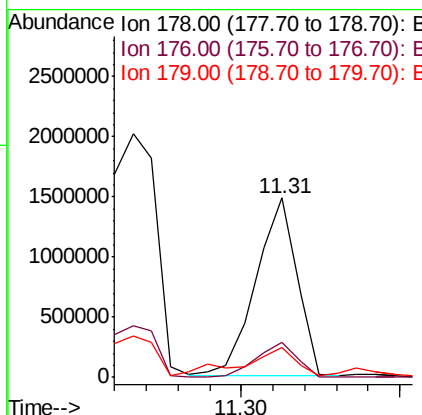
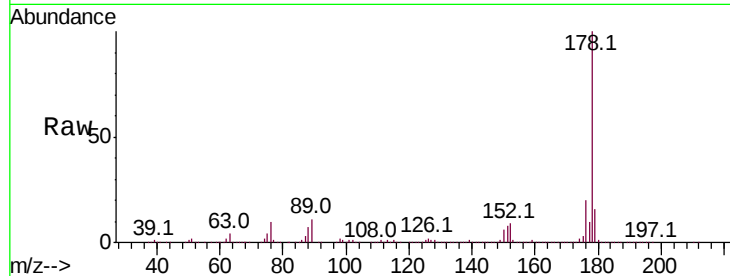
#71
 Anthracene
 Concen: 95.879 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion:178 Resp: 1332387
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.4 12.6 19.0

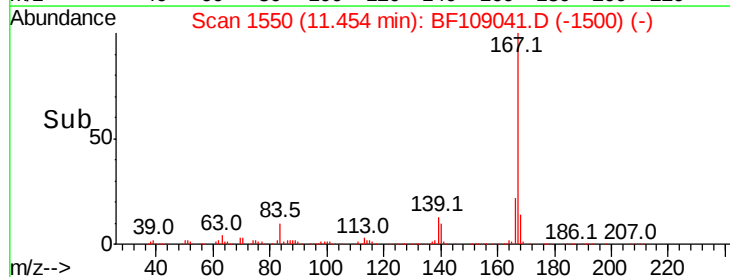
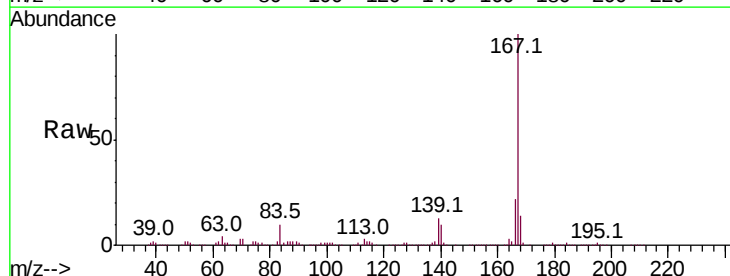
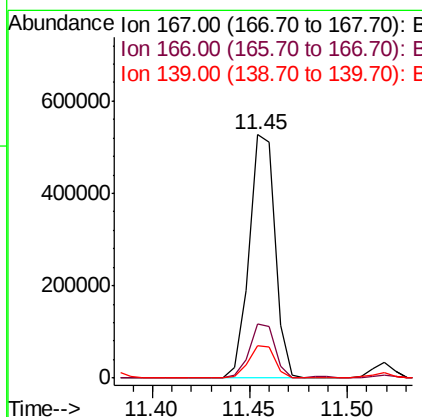
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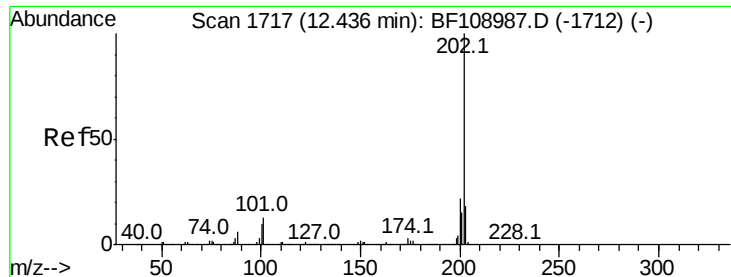
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#72
 Carbazole
 Concen: 35.311 ng
 RT: 11.45 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Tgt Ion:167 Resp: 485757
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#74

Fluoranthene

Concen: 120.671 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:202 Resp: 1746413

Ion Ratio Lower Upper

202 100

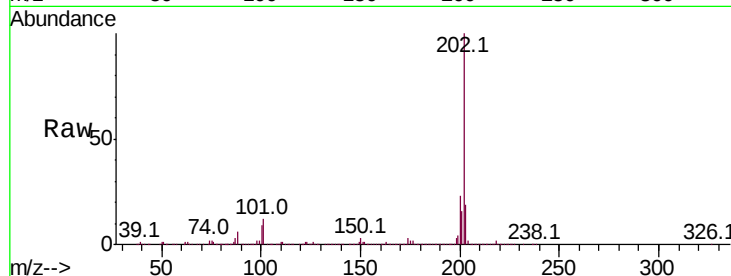
101 12.0 0.0 34.1

203 18.6 0.0 38.1

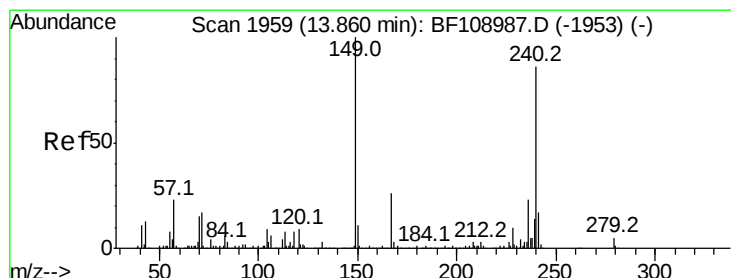
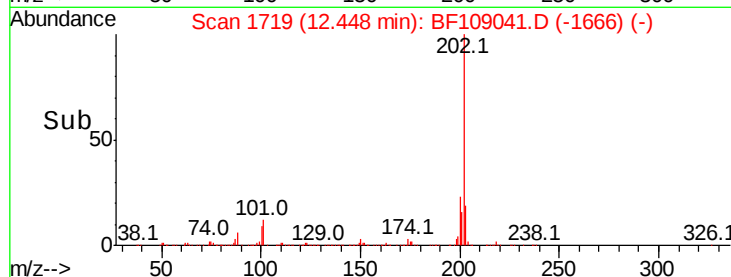
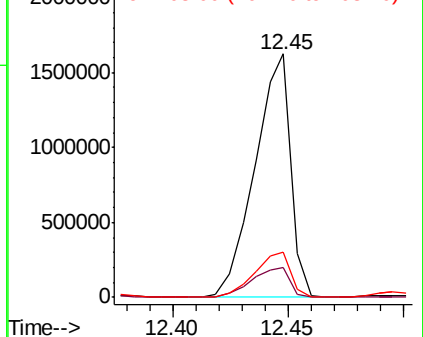
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

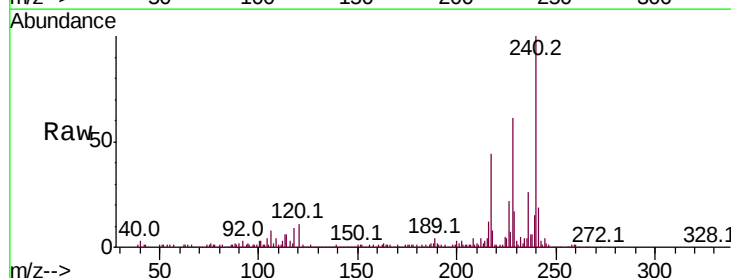
Tgt Ion:240 Resp: 251733

Ion Ratio Lower Upper

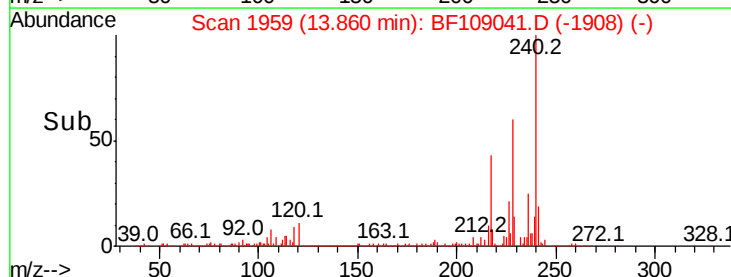
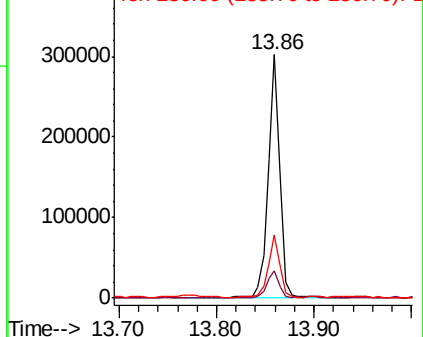
240 100

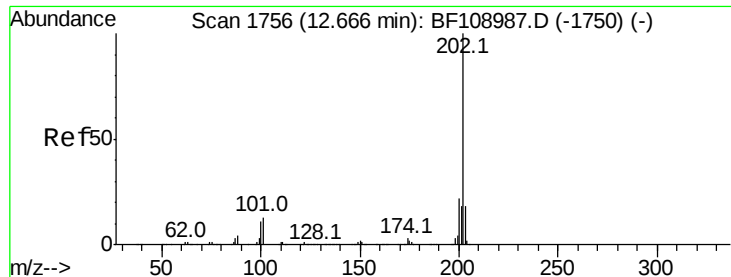
120 11.4 9.5 14.3

236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 82.605 ng

RT: 12.67 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:202 Resp: 1544590

Ion Ratio Lower Upper

202 100

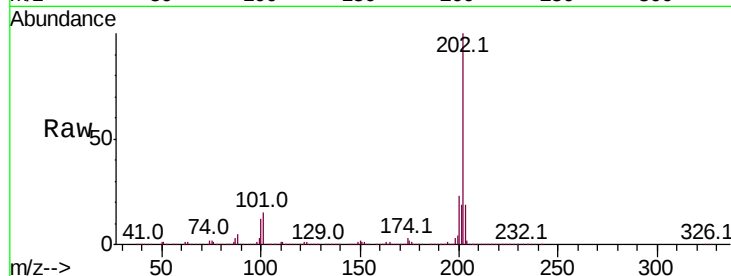
200 23.0 17.4 26.2

203 18.9 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

1500000

1000000

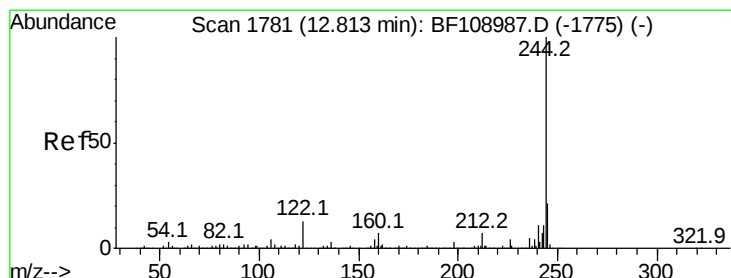
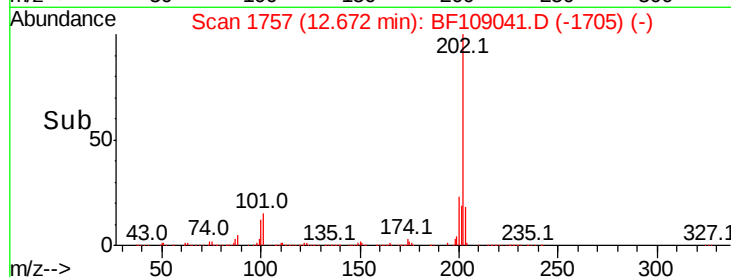
500000

0

12.67

12.65 12.70

Time-->



#78

Terphenyl-d14

Concen: 15.528 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

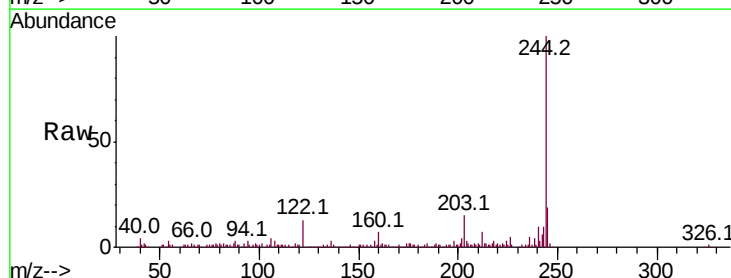
Tgt Ion:244 Resp: 164913

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 12.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

250000

200000

150000

100000

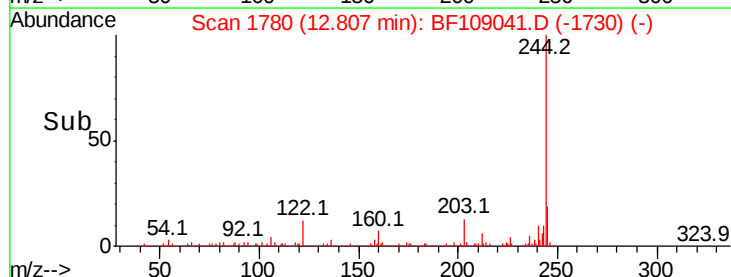
50000

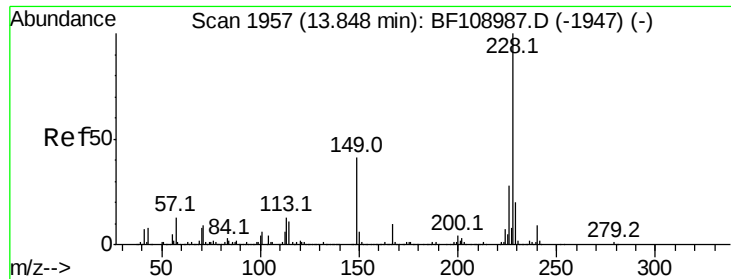
0

12.81

12.75 12.85

Time-->





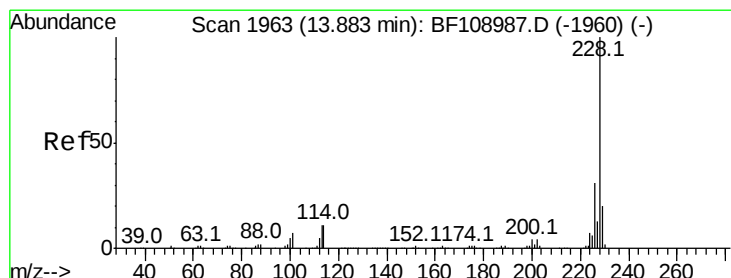
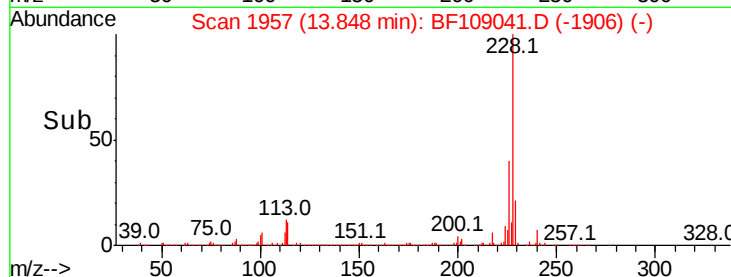
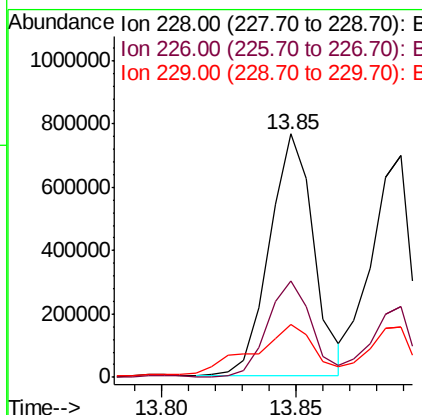
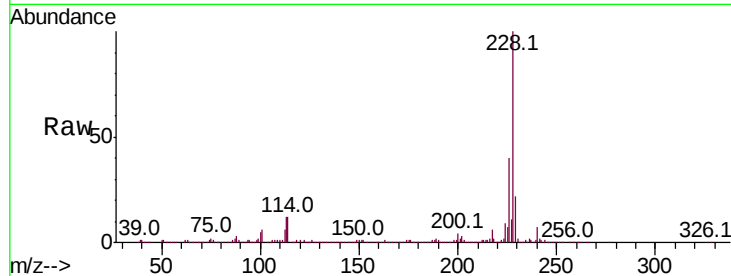
#80
Benzo(a)anthracene
Concen: 57.974 ng m
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.6	33.8#
229	21.8	15.8	23.6

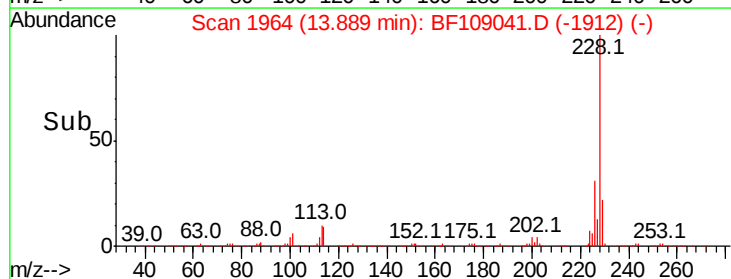
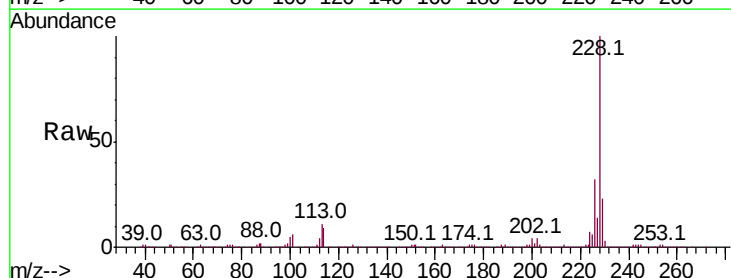
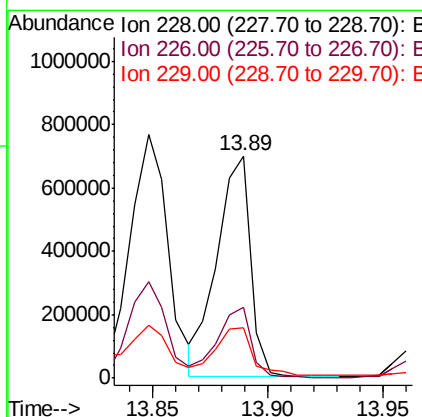
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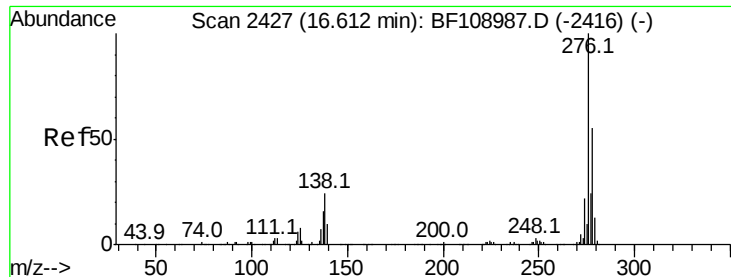
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#82
Chrysene
Concen: 46.220 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.6	16.2	24.4





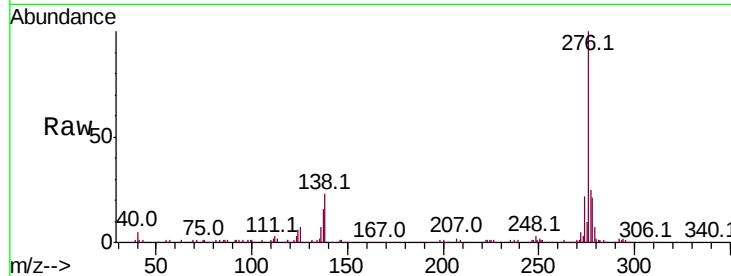
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.429 ng/ml
 RT: 16.61 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	25.0	37.6#
277	4.7	20.1	30.1#

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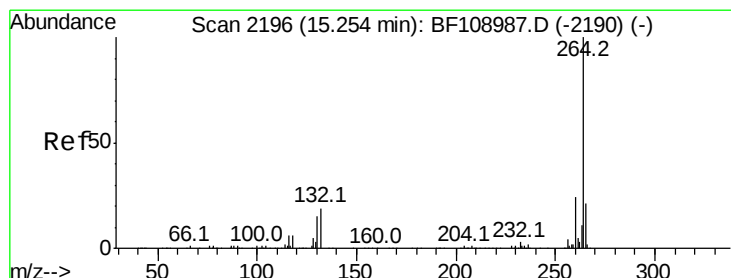
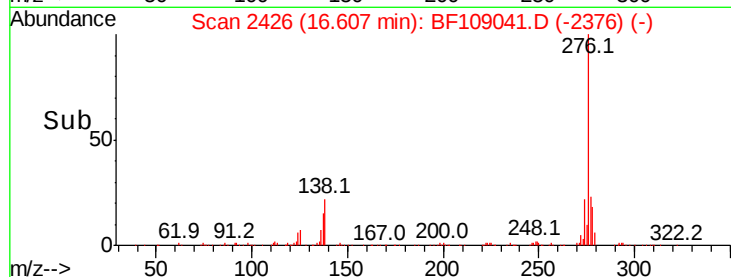
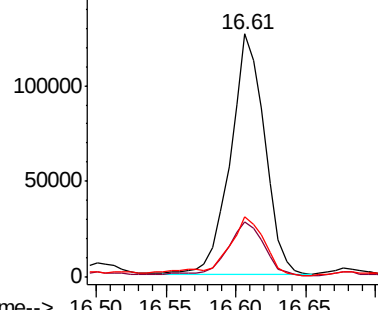


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

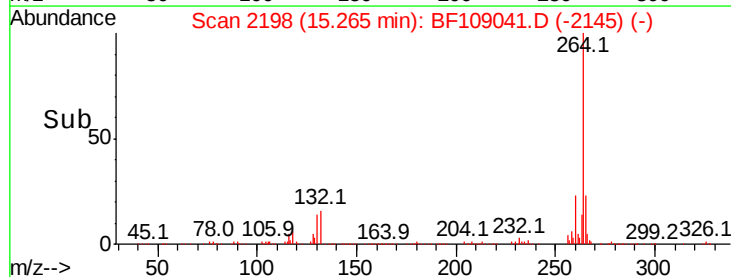
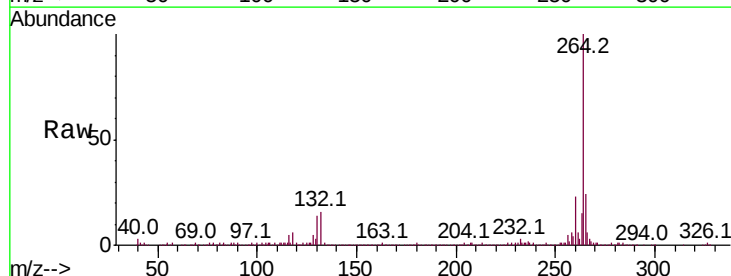
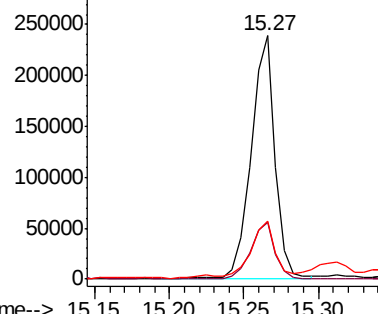
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.7	17.5	26.3

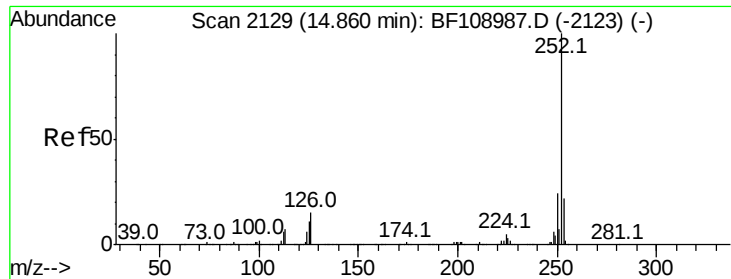
Abundance

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: 44.838 ng m

RT: 14.87 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Instrument :

BNA_F

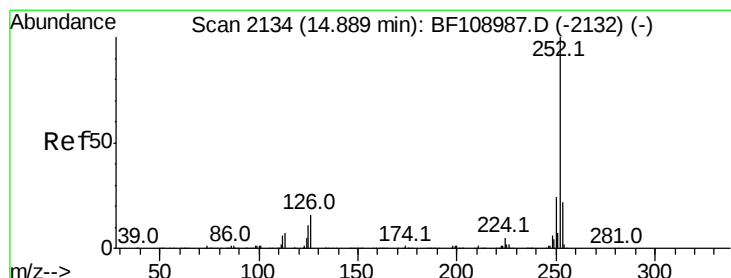
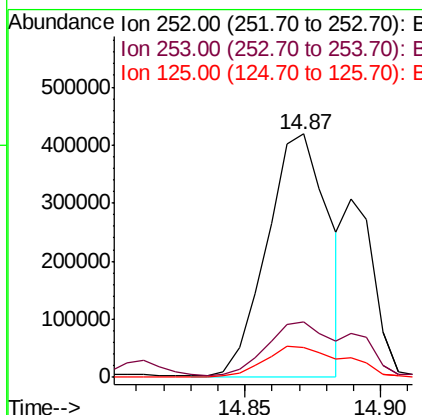
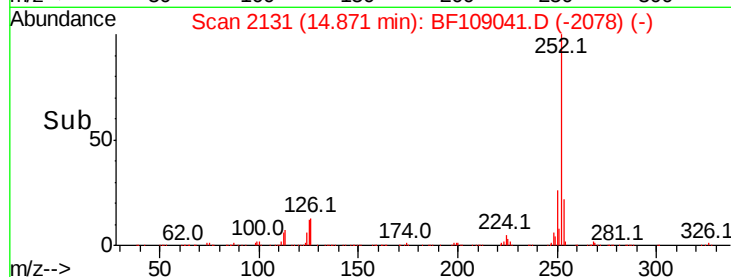
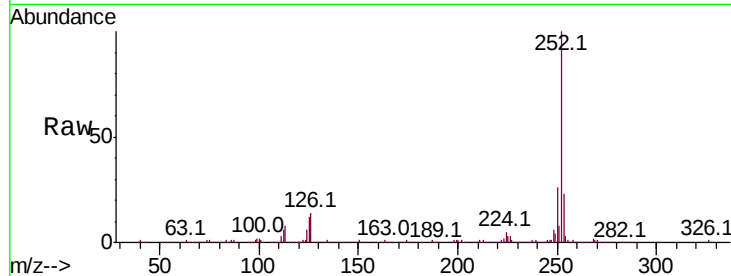
ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:	252	Resp:	660574
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	12.2	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 17.509 ng m

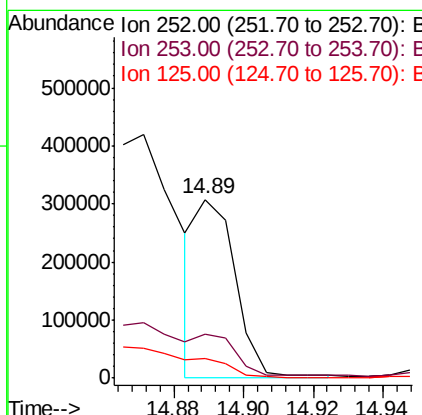
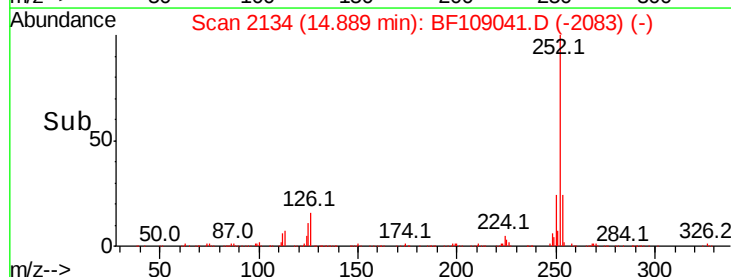
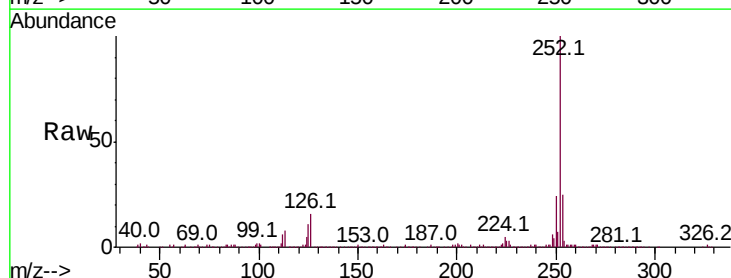
RT: 14.89 min Scan# 2134

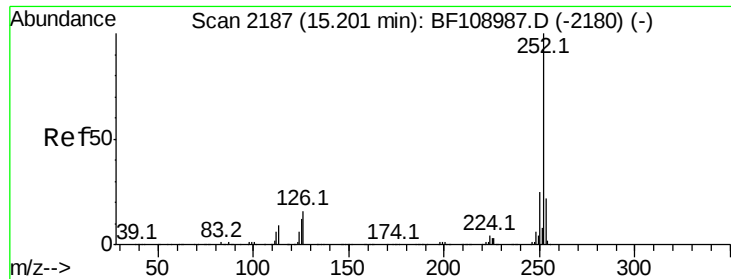
Delta R.T. 0.00 min

Lab File: BF109041.D

Acq: 17 Sep 2018 12:03

Tgt Ion:	252	Resp:	240925
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.9	26.9
125	11.2	10.2	15.2





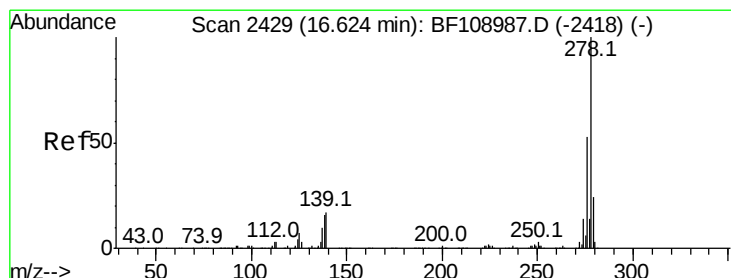
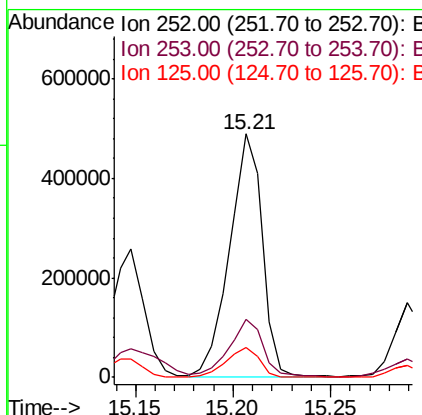
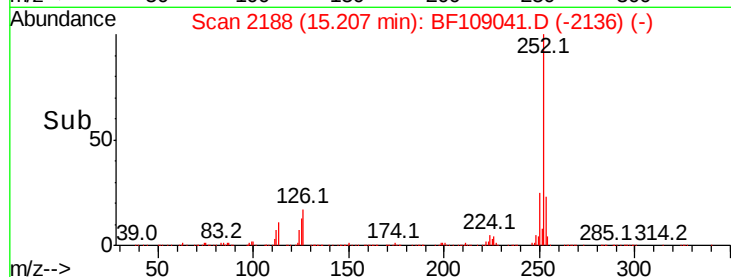
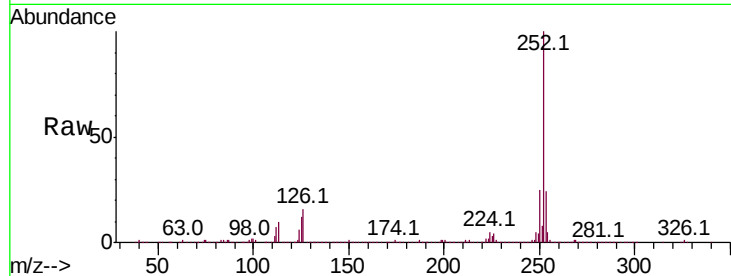
#89
Benzo(a)pyrene
Concen: 43.036 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	12.2	9.8	14.6

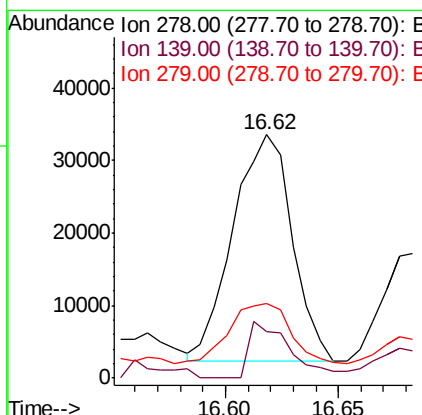
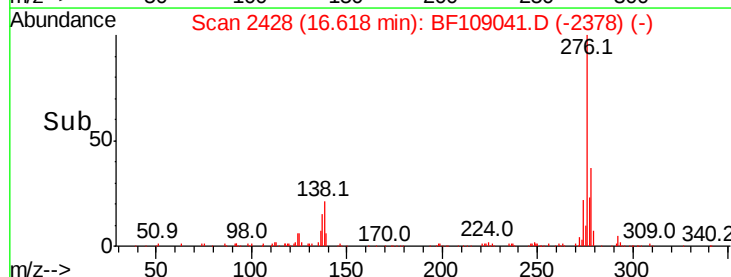
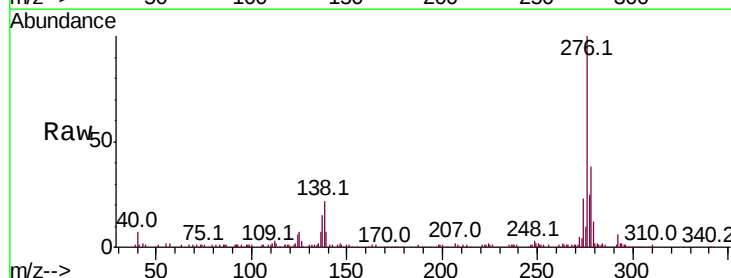
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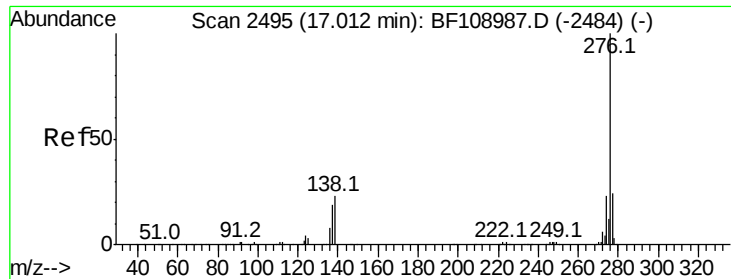
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#90
Dibenzo(a,h)anthracene
Concen: 5.196 ng m
RT: 16.62 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BF109041.D
Acq: 17 Sep 2018 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	30.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 16.546 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF109041.D
 Acq: 17 Sep 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion:	276	Resp:	181828
Ion Ratio	Lower	Upper	
276	100		
277	22.0	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
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