

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098560.D
 Acq On : 15 Sep 2017 10:55
 Operator : SJ/JU
 Sample : I5161-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-17.5-35

Manual Integrations
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Quant Time: Sep 15 13:34:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 15 13:23:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	134781	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	569665	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	265900	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	495682	20.00	ng	0.00
75) Chrysene-d12	13.80	240	298937	20.00	ng	0.00
86) Perylene-d12	15.20	264	277778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1159779	127.23	ng	0.01
7) Phenol-d6	6.30	99	1430238	123.57	ng	0.00
23) Nitrobenzene-d5	7.22	82	848427	83.03	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	274545	154.70	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1387970	88.47	ng	0.00
78) Terphenyl-d14	12.75	244	1092623	78.89	ng	0.00
Target Compounds						
10) Phenol	6.31	94	42997	3.198	ng	89
20) 3+4-Methylphenols	7.08	107	81583	7.909	ng	# 55
31) Naphthalene	7.95	128	67334	2.391	ng	99
49) Dimethylphthalate	9.40	163	276035	13.411	ng	99
70) Phenanthrene	11.19	178	54007	2.055	ng	98
74) Fluoranthene	12.37	202	82358	3.131	ng	97
77) Pyrene	12.60	202	69933	2.966	ng	99
87) Benzo(b)fluoranthene	14.81	252	40868m	2.340	ng	

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

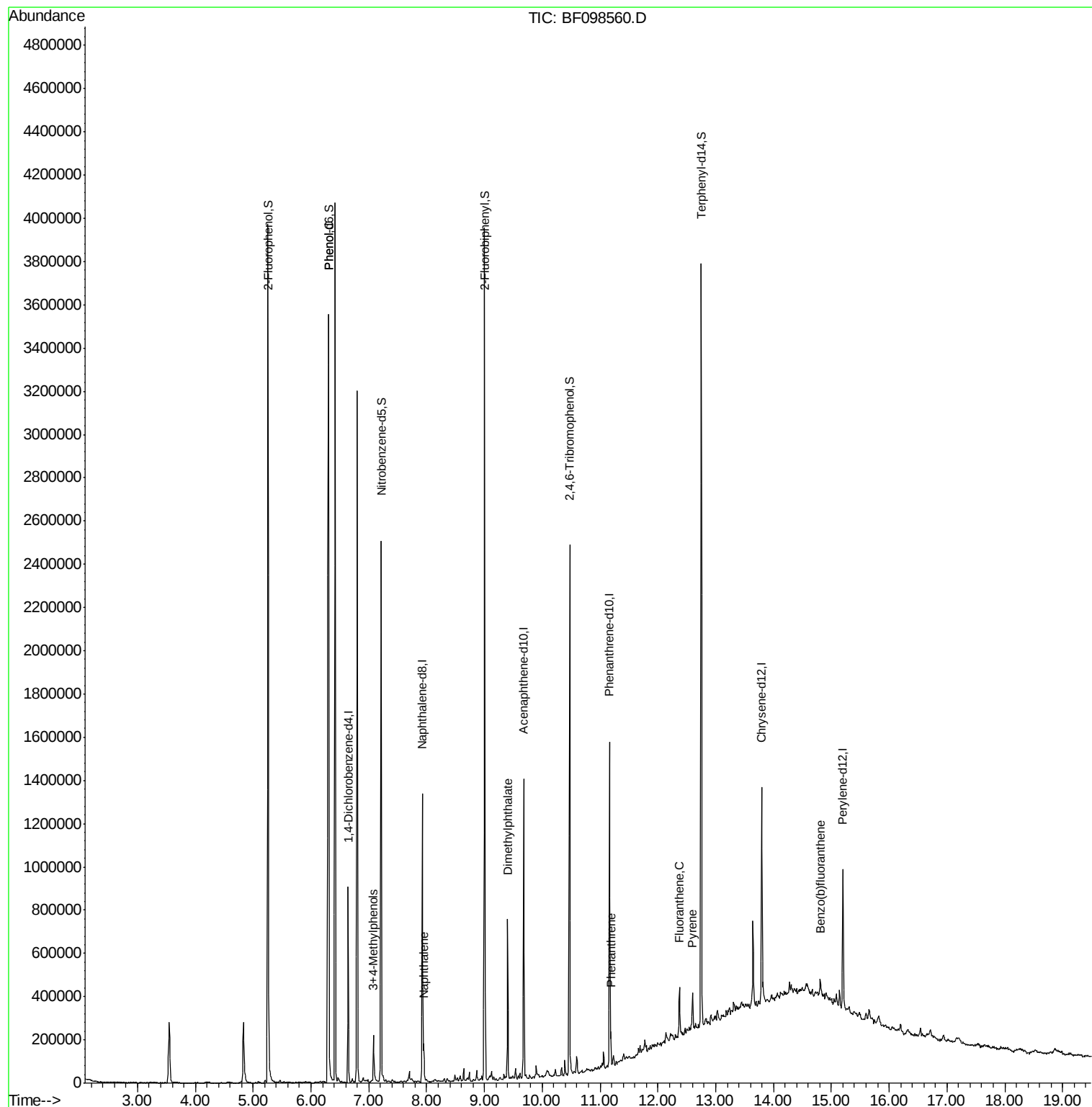
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098560.D
Acq On : 15 Sep 2017 10:55
Operator : SJ/JU
Sample : I5161-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

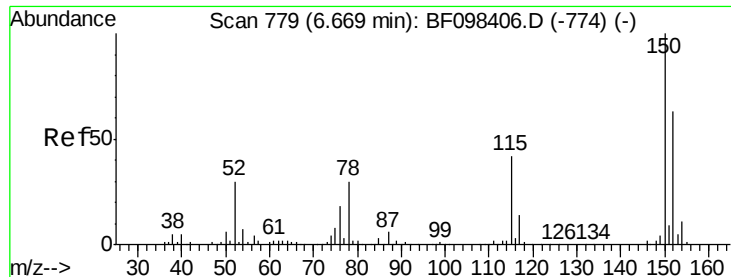
Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

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Quant Time: Sep 15 13:34:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

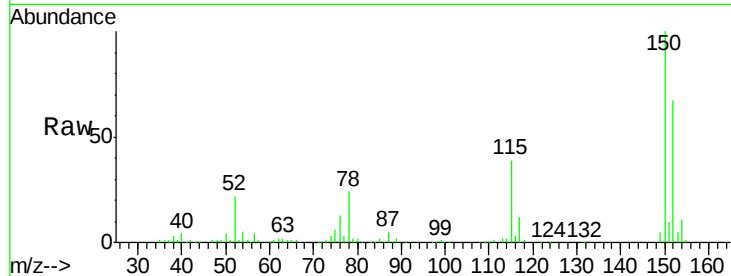
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	134781		
150	150.3	126.2	189.2	
115	59.1	52.2	78.2	

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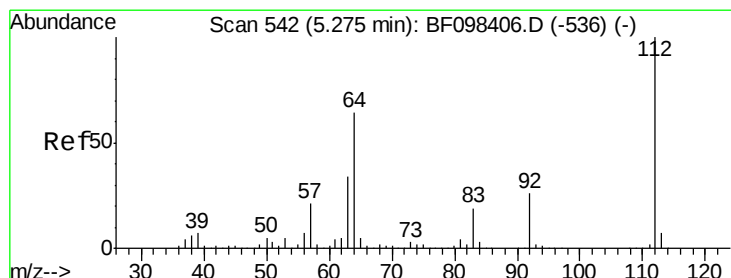
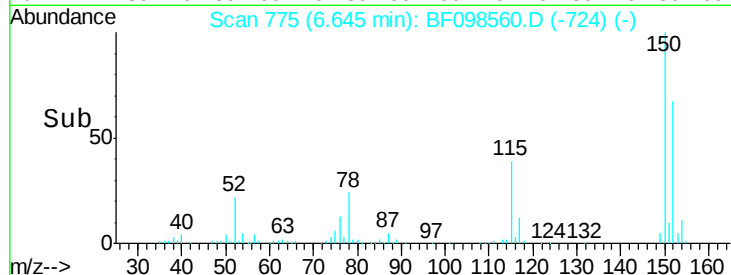
Abundance

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

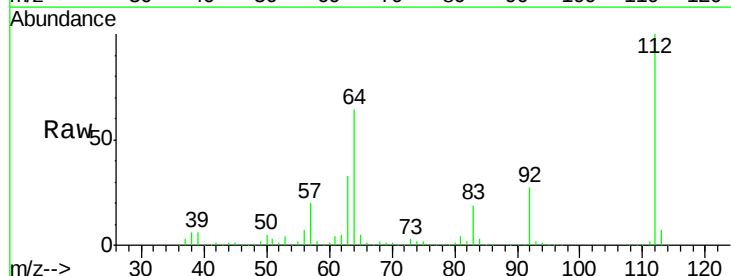
Time-->



#5

2-Fluorophenol
Concen: 127.226 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1159779		
64	63.8	46.0	69.0	
63	32.7	23.4	35.0	



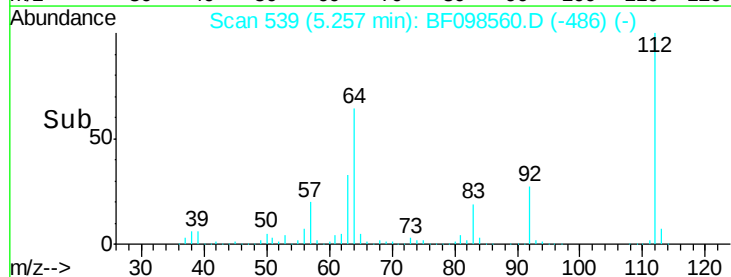
Abundance

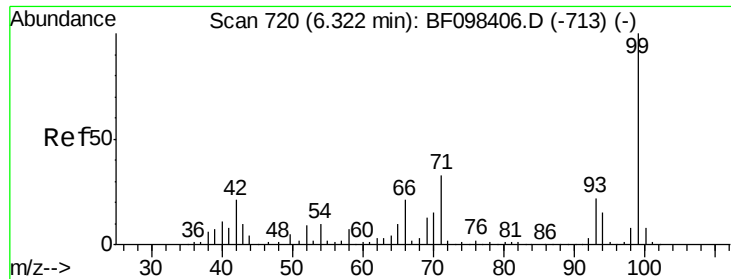
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 123.572 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

Instrument :

BNA_F

ClientSampleId :

RL-15-17.5-35

Tgt Ion: 99 Resp: 1430238

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

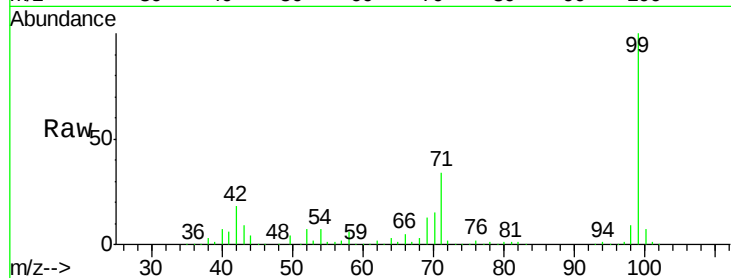
71 33.9 24.5 36.7

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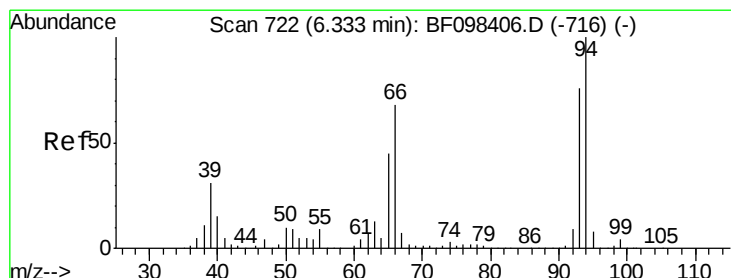
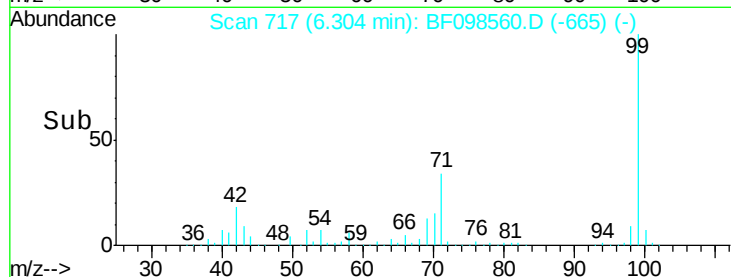
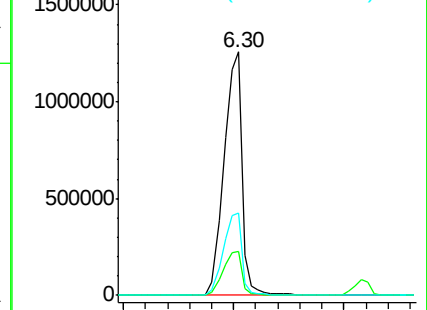
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.198 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

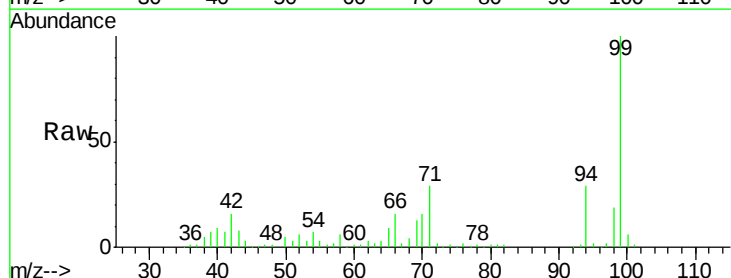
Tgt Ion: 94 Resp: 42997

Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

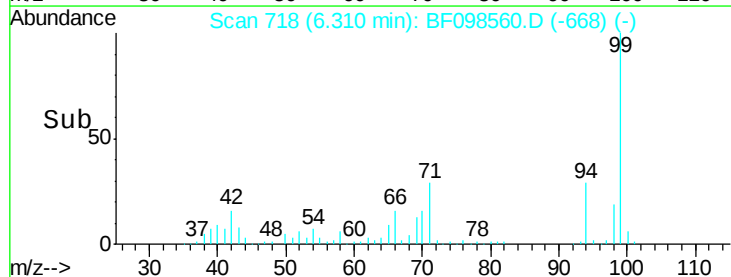
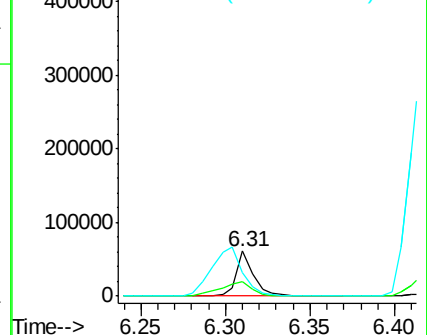
66 53.6 23.1 63.1

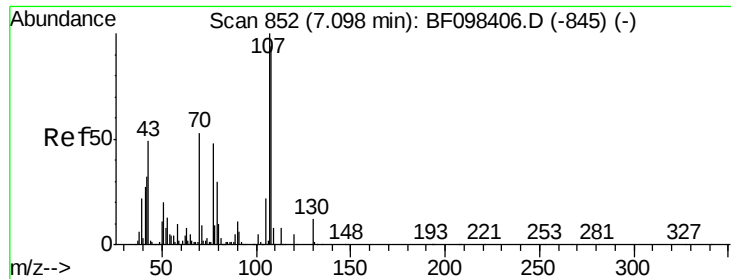


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





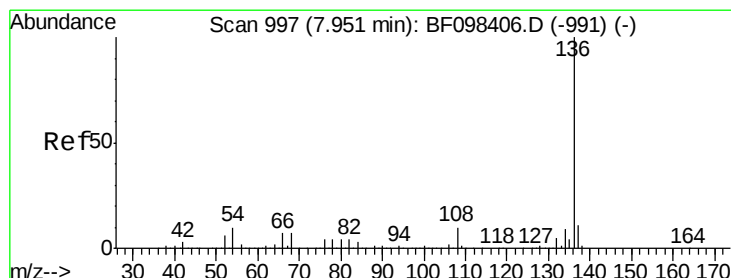
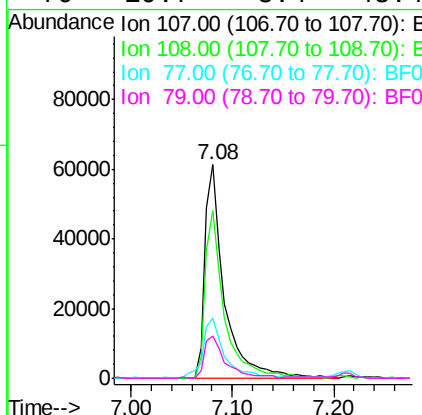
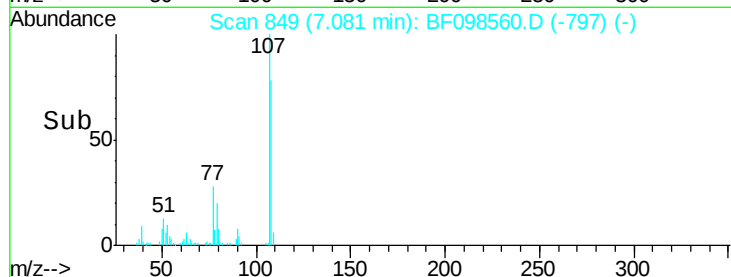
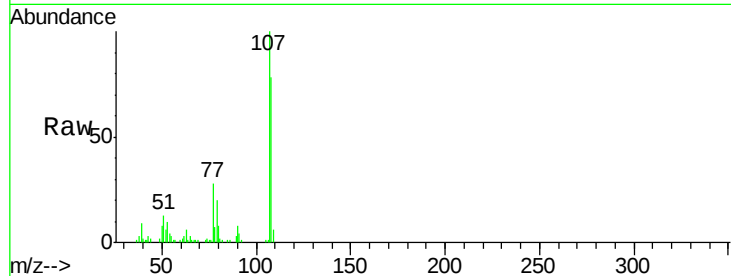
#20
3+4-Methylphenols
Concen: 7.909 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	81583		
108	78.4	71.0	111.0	
77	28.1	90.5	130.5	
79	19.7	8.4	48.4	

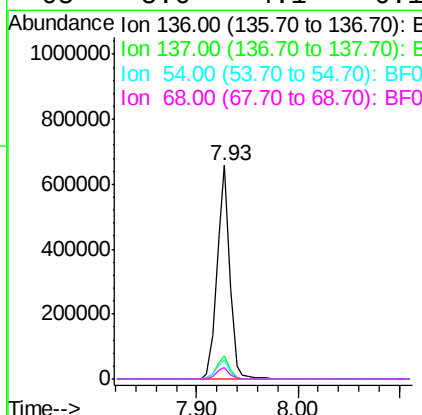
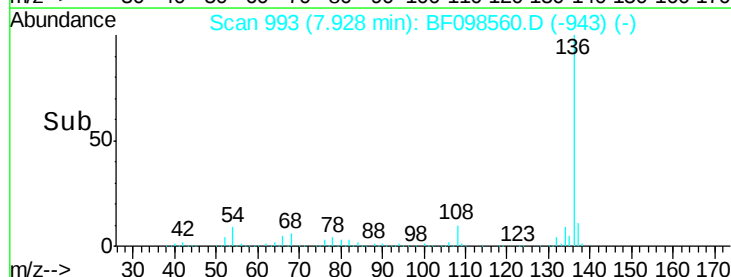
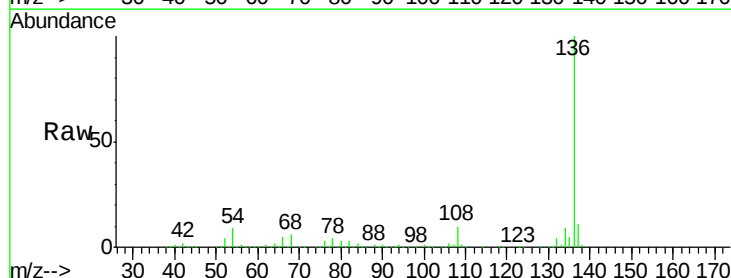
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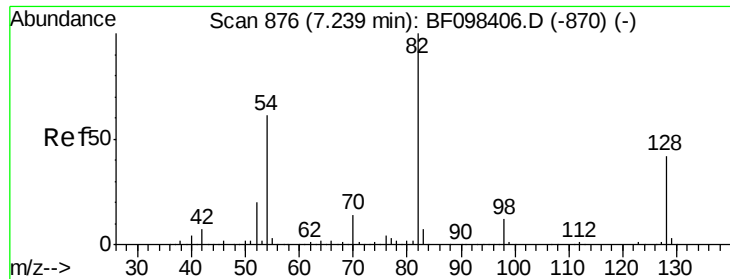
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	569665		
137	10.7	8.5	12.7	
54	8.9	4.9	7.3	
68	5.6	4.1	6.1	





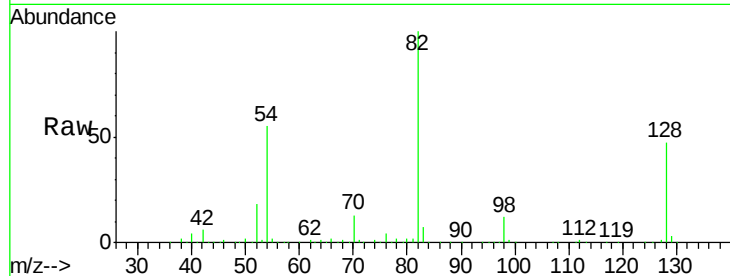
#23
 Nitrobenzene-d5
 Concen: 83.030 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF098560.D
 Acq: 15 Sep 2017 10:55

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-17.5-35

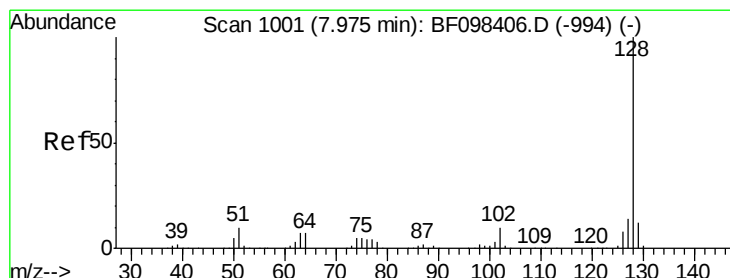
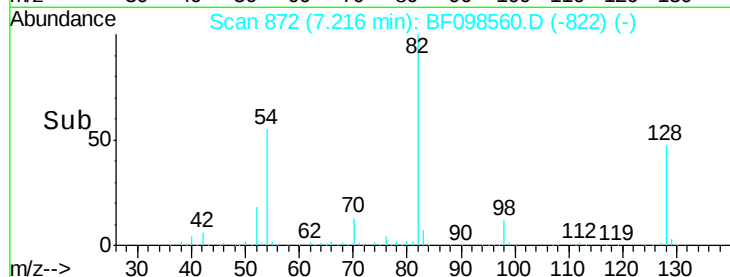
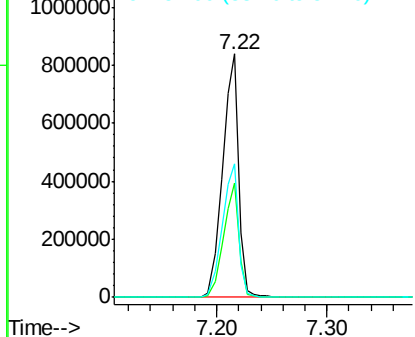
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	848427		
128	46.8	34.0	51.0	
54	54.9	42.2	63.2	

Manual Integrations
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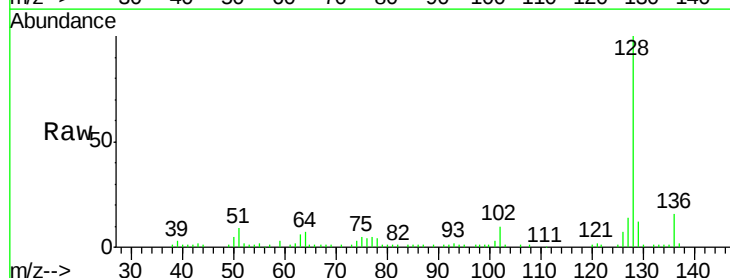


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

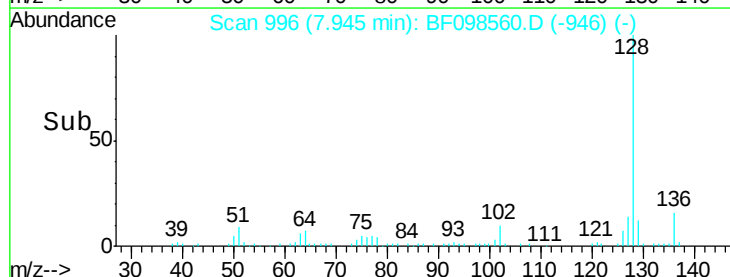
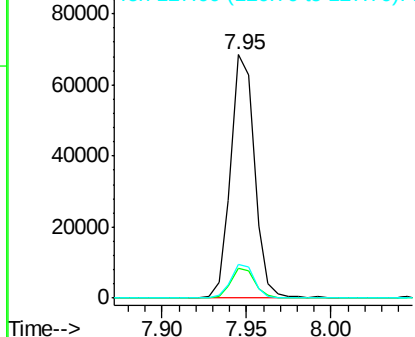


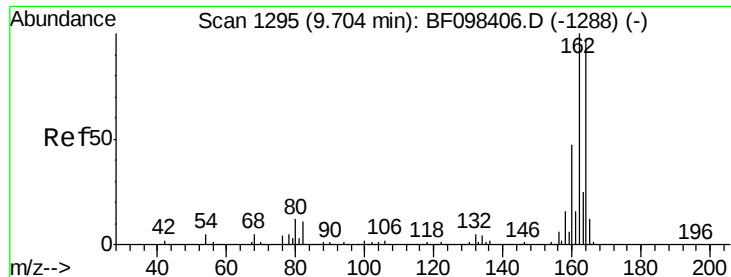
#31
 Naphthalene
 Concen: 2.391 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098560.D
 Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	67334		
129	12.1	9.0	13.6	
127	13.8	10.8	16.2	



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





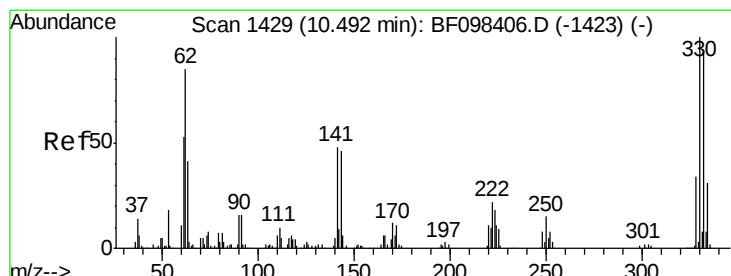
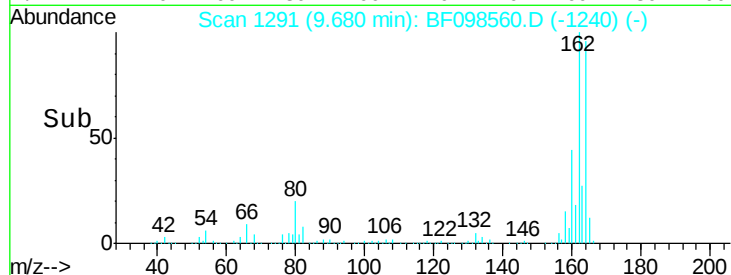
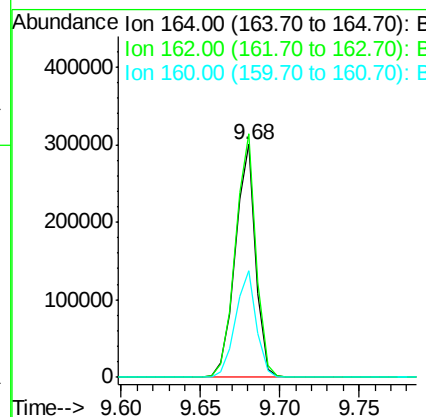
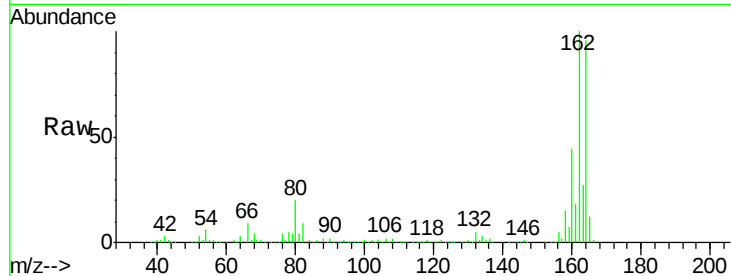
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265900		
162	104.4	82.6	123.8	
160	46.0	36.2	54.2	

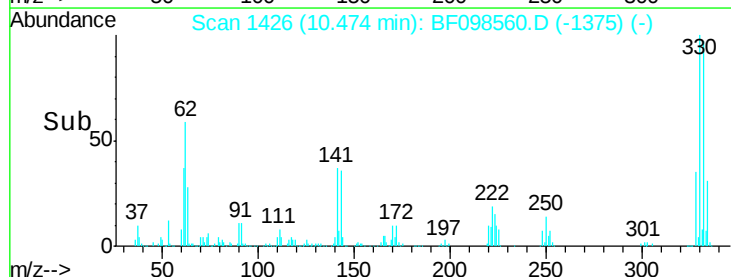
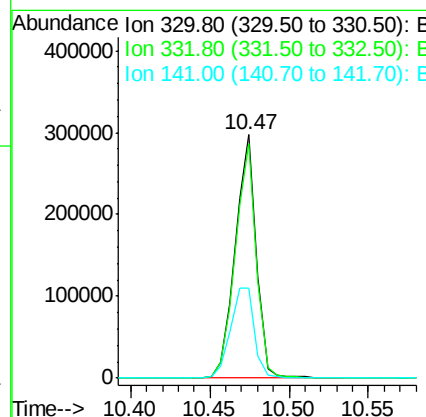
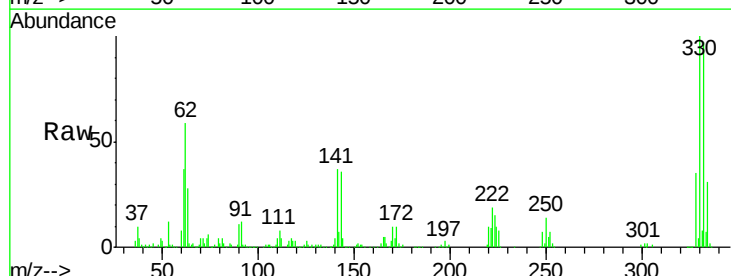
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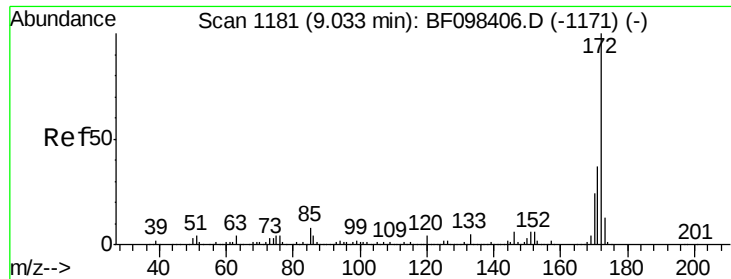
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#41
2,4,6-Tribromophenol
Concen: 154.702 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	274545		
332	96.6	76.6	115.0	
141	42.4	31.4	47.2	





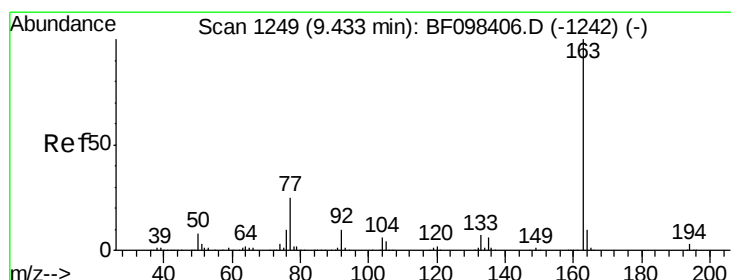
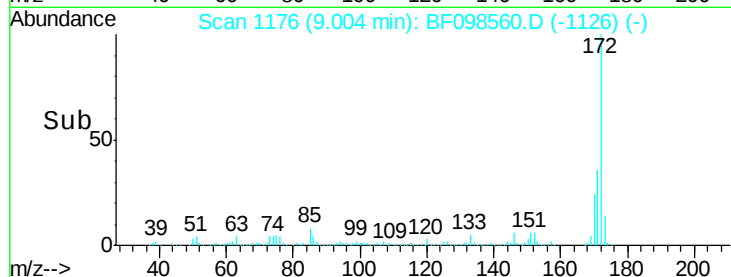
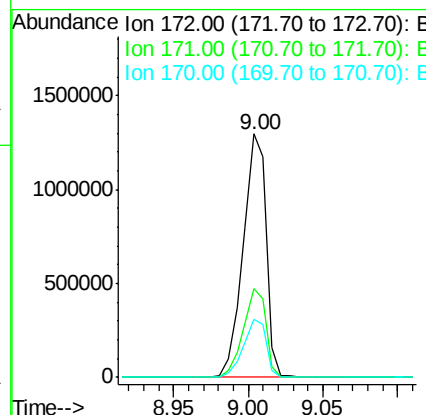
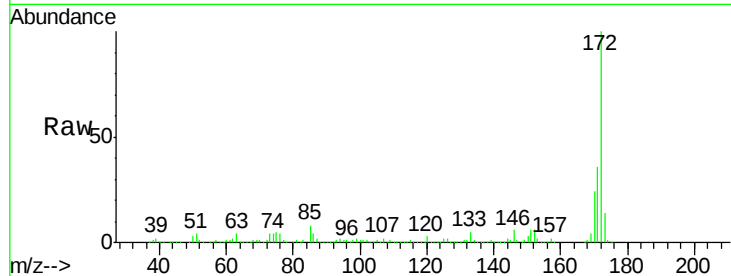
#44
2-Fluorobiphenyl
Concen: 88.473 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8

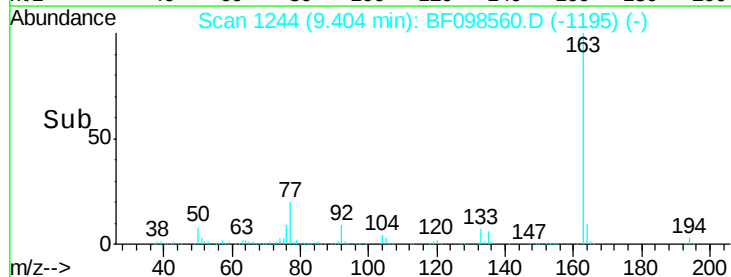
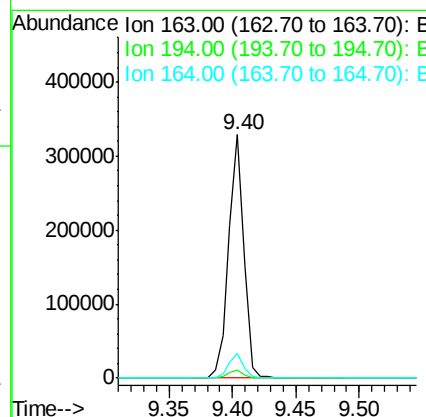
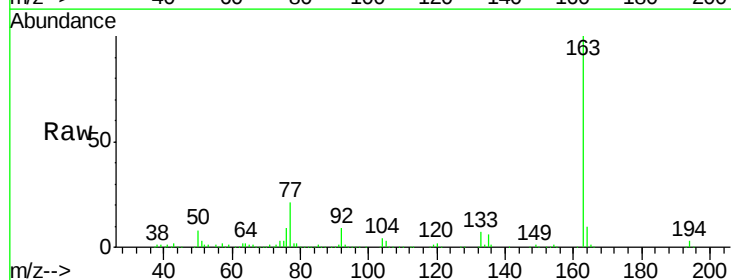
Manual Integrations
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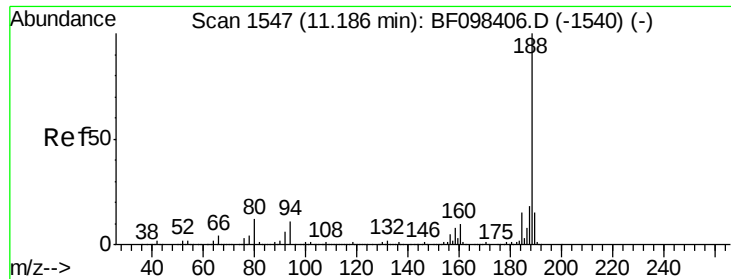
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#49
Dimethylphthalate
Concen: 13.411 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6





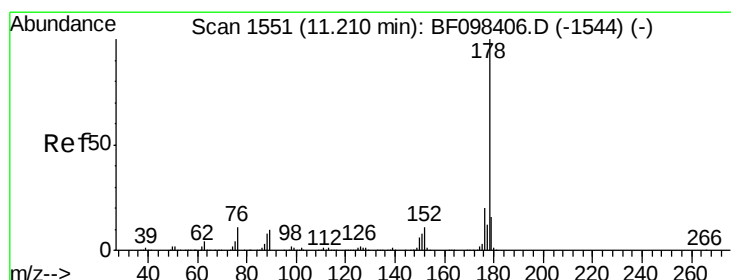
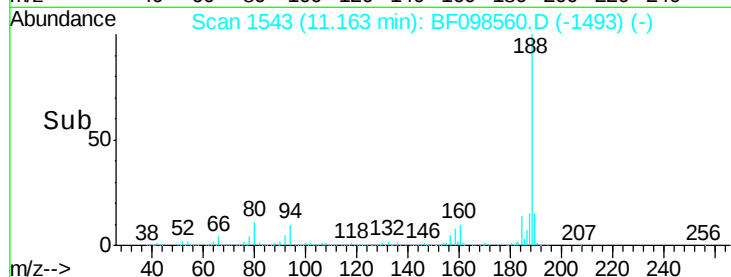
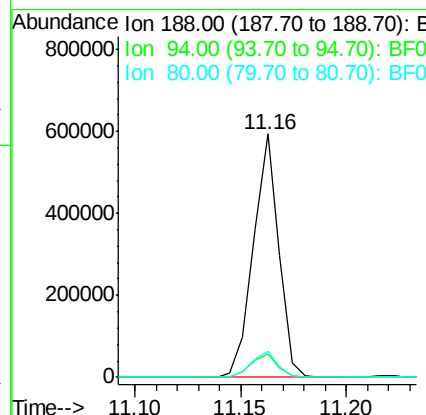
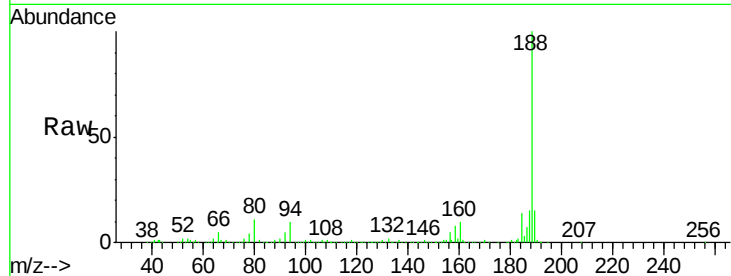
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	9.4	14.2
80	10.7	10.2	15.2

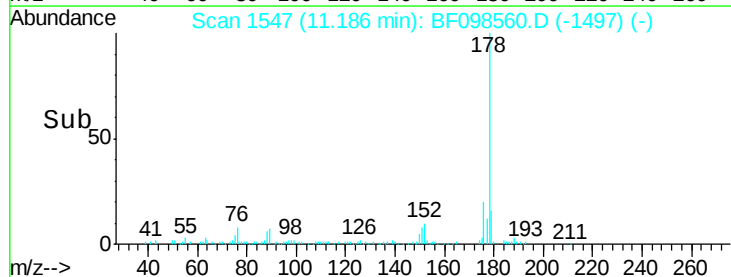
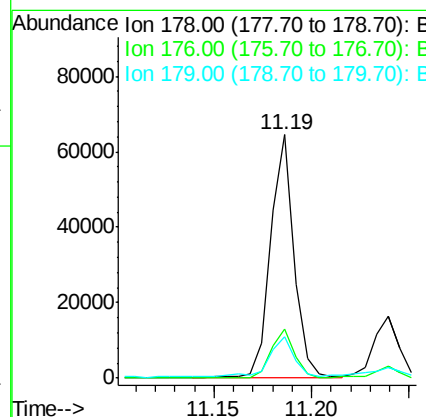
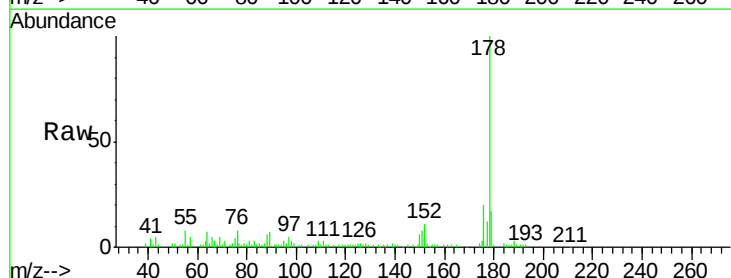
Manual Integrations
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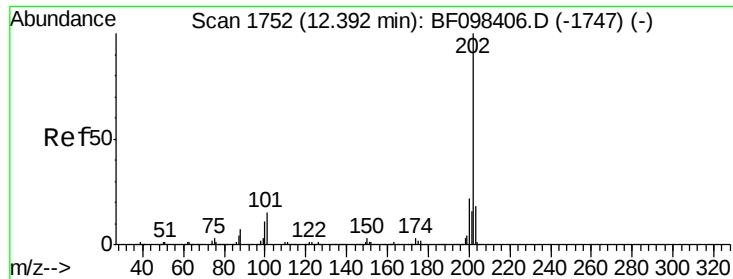
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#70
Phenanthrene
Concen: 2.055 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.0	16.2	24.4
179	17.1	12.6	19.0





#74

Fluoranthene

Concen: 3.131 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

Instrument :

BNA_F

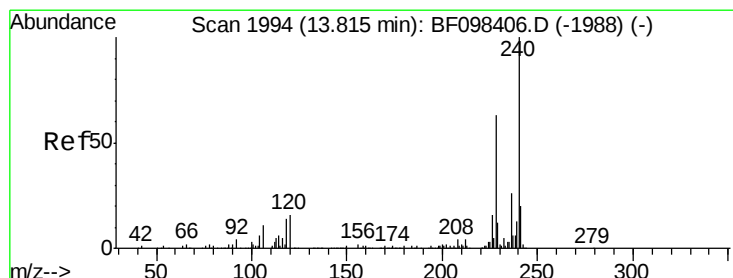
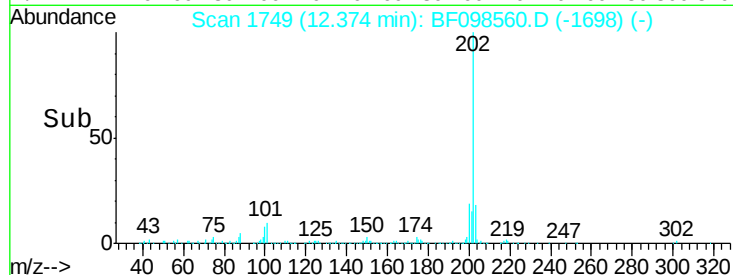
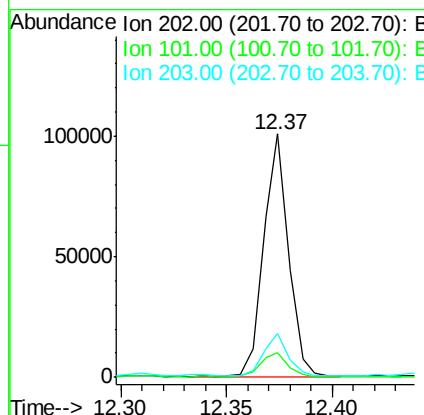
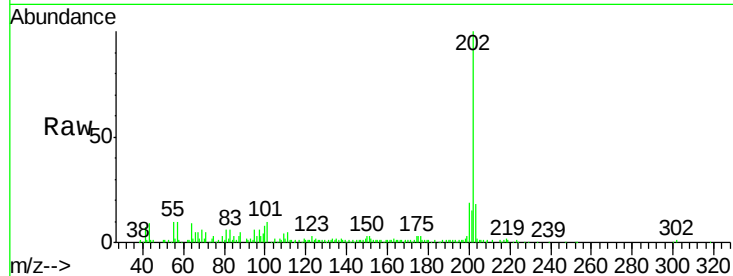
ClientSampleId :

RL-15-17.5-35

Tgt	Ion	202	Resp:	82358
Ion	Ratio	Lower	Upper	
202	100			
101	10.4	0.0	33.2	
203	17.9	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

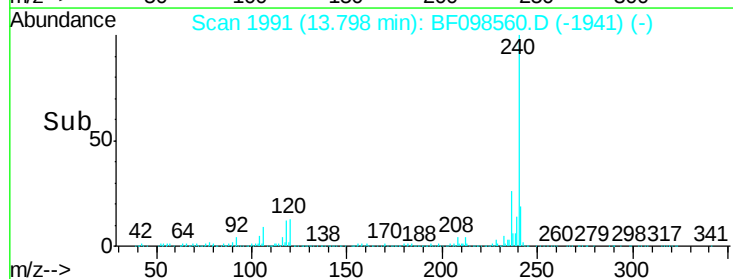
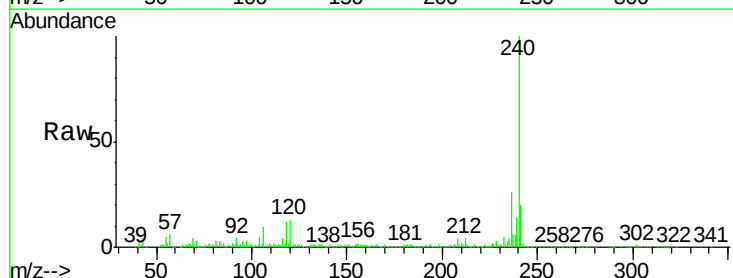
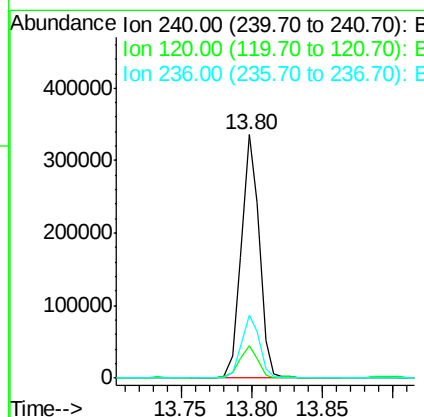
RT: 13.80 min Scan# 1991

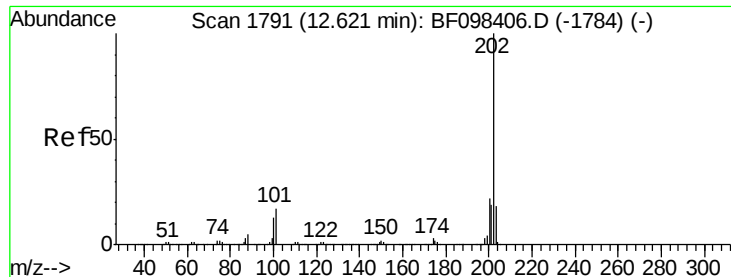
Delta R.T. -0.01 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

Tgt	Ion	240	Resp:	298937
Ion	Ratio	Lower	Upper	
240	100			
120	13.1	5.8	8.8#	
236	26.2	20.5	30.7	





#77

Pyrene

Concen: 2.966 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

Instrument :

BNA_F

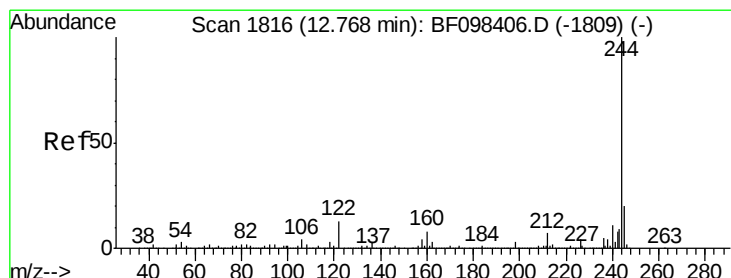
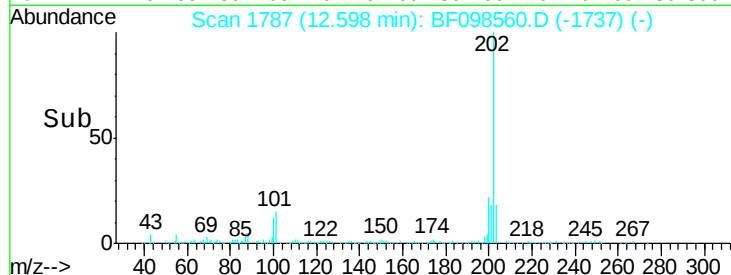
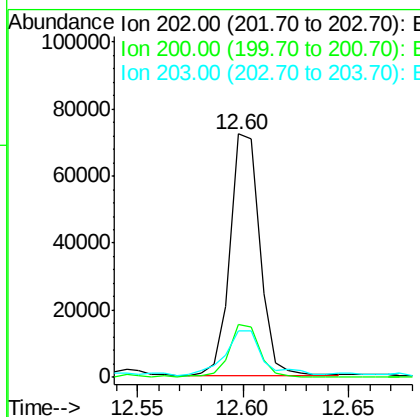
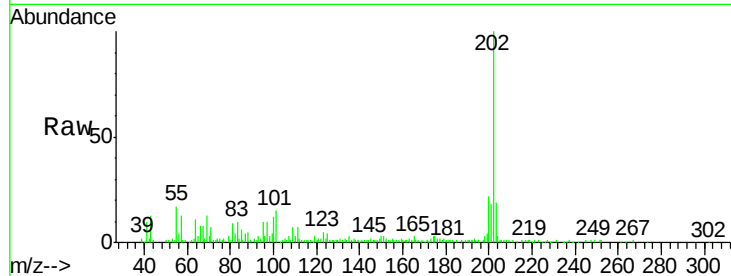
ClientSampleId :

RL-15-17.5-35

Tgt Ion:	202	Resp:	69933
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	19.3	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 78.892 ng

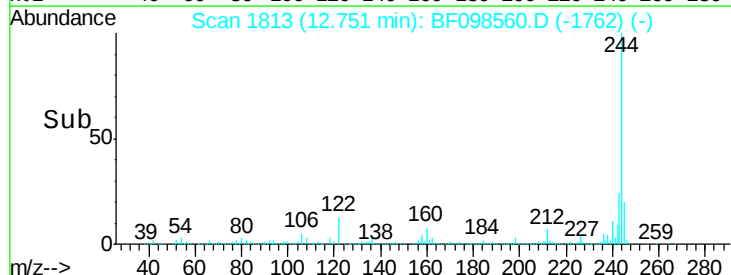
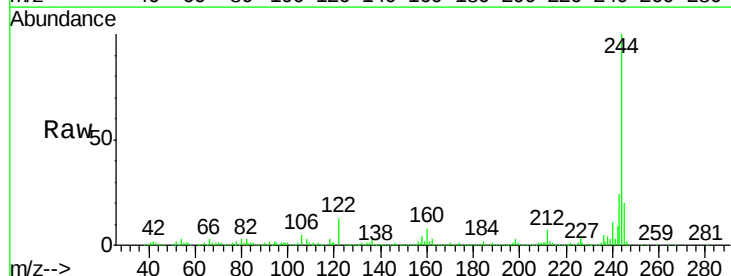
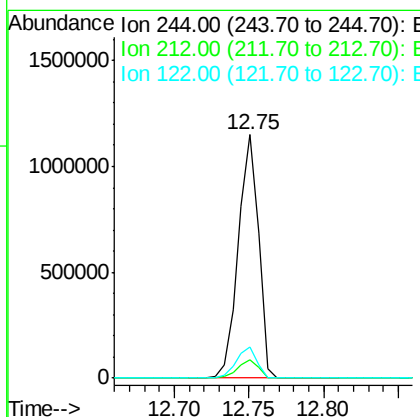
RT: 12.75 min Scan# 1813

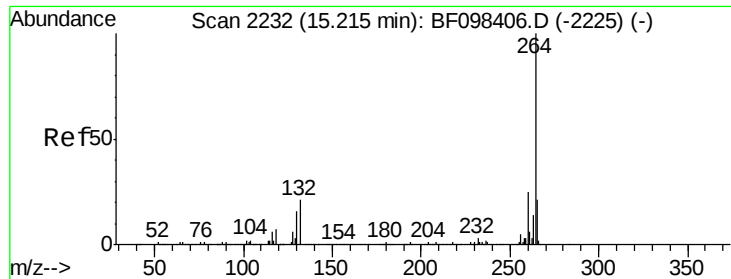
Delta R.T. 0.00 min

Lab File: BF098560.D

Acq: 15 Sep 2017 10:55

Tgt Ion:	244	Resp:	1092623
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	13.0	10.3	15.5





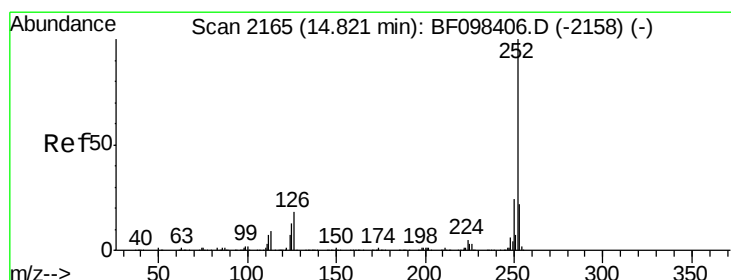
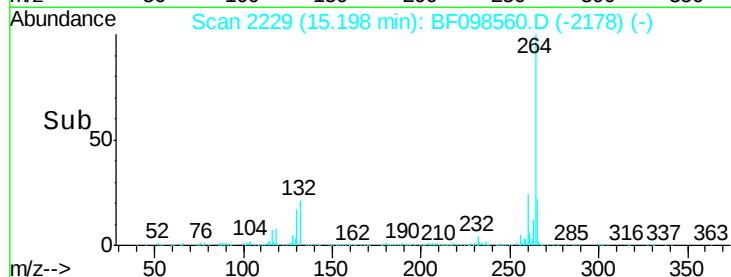
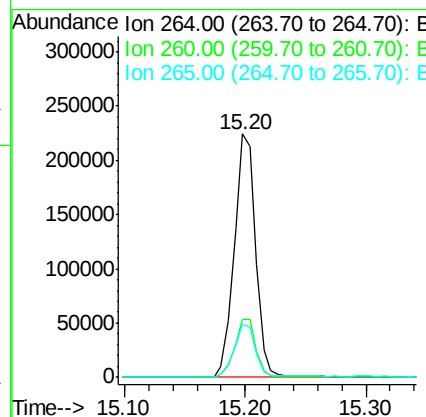
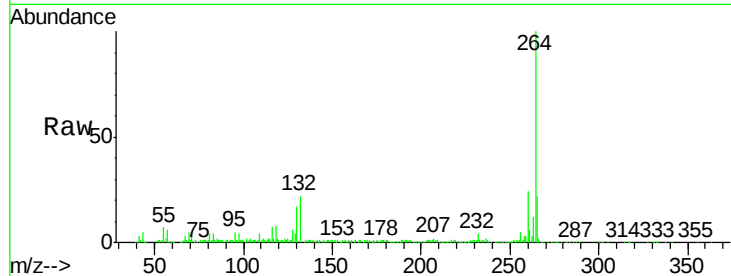
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Instrument :
BNA_F
ClientSampleId :
RL-15-17.5-35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	277778		
260	24.0	19.5	29.3	
265	22.0	17.2	25.8	

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.340 ng m
RT: 14.81 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BF098560.D
Acq: 15 Sep 2017 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	40868		
253	23.8	18.1	27.1	
125	27.5	9.8	14.8#	

