

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098570.D
 Acq On : 15 Sep 2017 15:33
 Operator : SJ/JU
 Sample : I5188-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-6-11-22

Manual Integrations
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 9/18/2017 3:33:39 PM

Quant Time: Sep 15 16:30:38 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	139660	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	559579	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	226199	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	347510	20.00	ng	0.00
75) Chrysene-d12	13.80	240	273848	20.00	ng	0.00
86) Perylene-d12	15.21	264	245757	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1018696	107.85	ng	0.01
7) Phenol-d6	6.30	99	1300863	108.47	ng	0.00
23) Nitrobenzene-d5	7.22	82	759198	75.64	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	171808	113.80	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1207779	90.50	ng	0.00
78) Terphenyl-d14	12.75	244	717255	56.53	ng	0.00
Target Compounds						
10) Phenol	6.32	94	37764	2.711	ng	Qvalue # 47
20) 3+4-Methylphenols	7.09	107	39264	3.673	ng	# 57
31) Naphthalene	7.95	128	121138	4.379	ng	99
37) 2-Methylnaphthalene	8.64	142	42863	2.558	ng	99
49) Dimethylphthalate	9.40	163	164196	9.377	ng	99
70) Phenanthrene	11.19	178	81634	4.431	ng	99
74) Fluoranthene	12.37	202	108075	5.860	ng	98
77) Pyrene	12.60	202	99924	4.625	ng	97
80) Benzo(a)anthracene	13.79	228	46658	2.906	ng	# 85
82) Chrysene	13.83	228	46388	2.858	ng	# 92
87) Benzo(b)fluoranthene	14.82	252	64779m	4.192	ng	
89) Benzo(a)pyrene	15.15	252	40724	2.958	ng	# 73

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

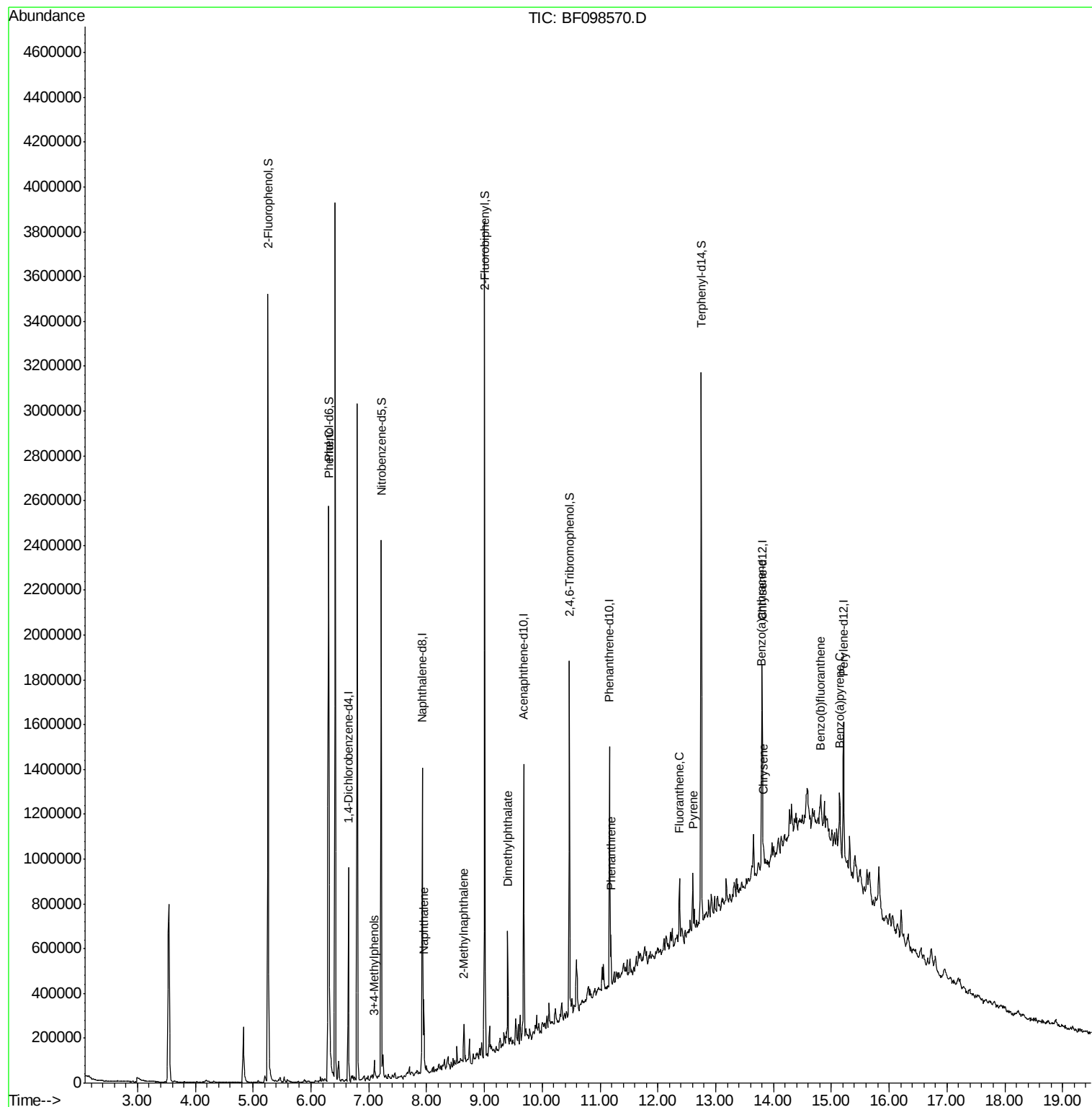
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098570.D
Acq On : 15 Sep 2017 15:33
Operator : SJ/JU
Sample : I5188-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

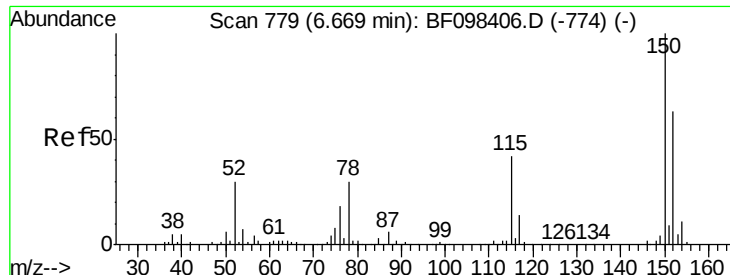
Instrument :
BNA_F
ClientSampleID :
RL-6-11-22

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Quant Time: Sep 15 16:30:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

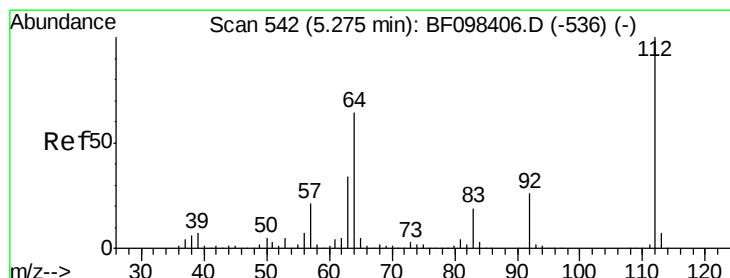
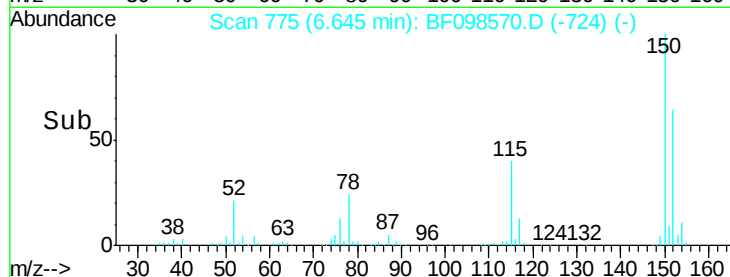
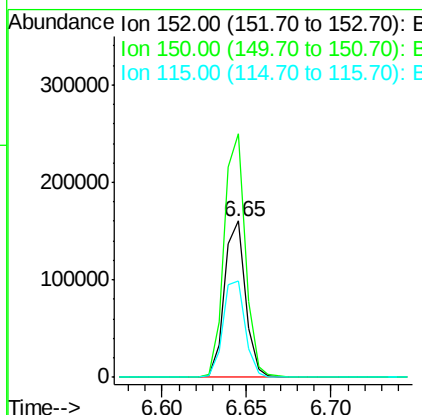
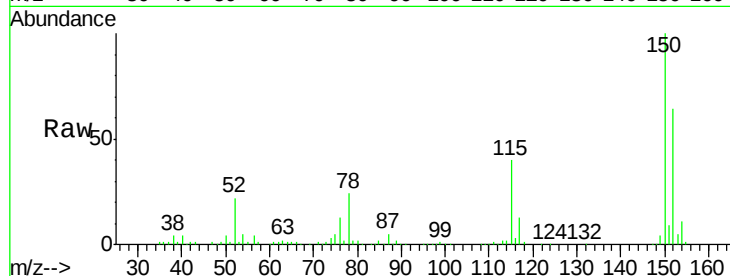
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	61.7	52.2	78.2

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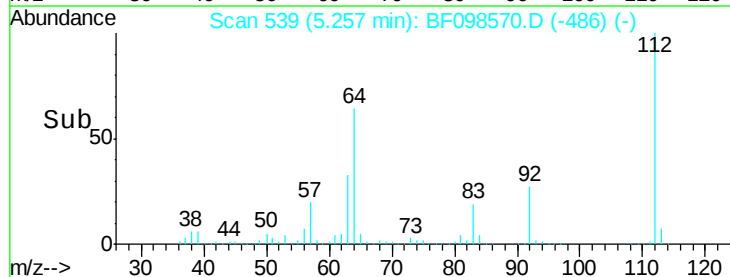
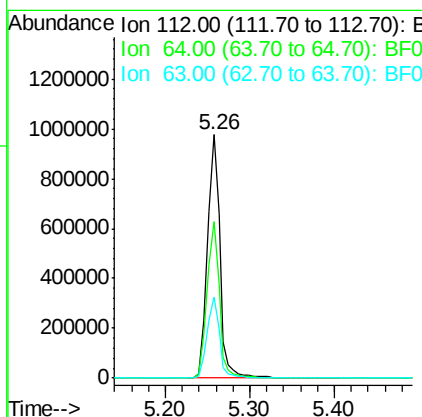
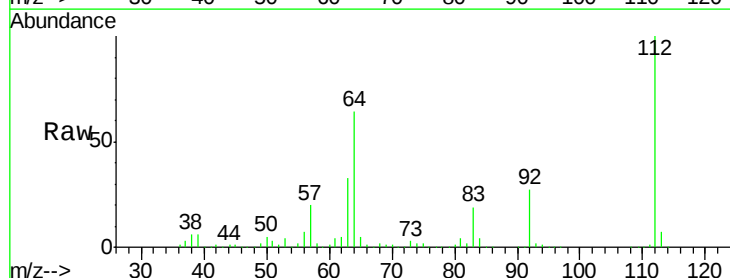
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#5

2-Fluorophenol
Concen: 107.845 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	33.2	23.4	35.0





#7

Phenol-d6

Concen: 108.467 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098570.D

Acq: 15 Sep 2017 15:33

Instrument :

BNA_F

ClientSampleId :

RL-6-11-22

Tgt Ion: 99 Resp: 1300863

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

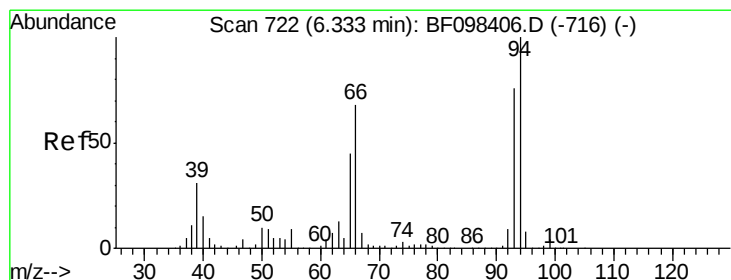
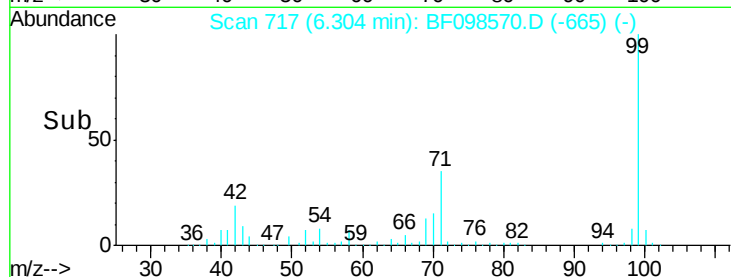
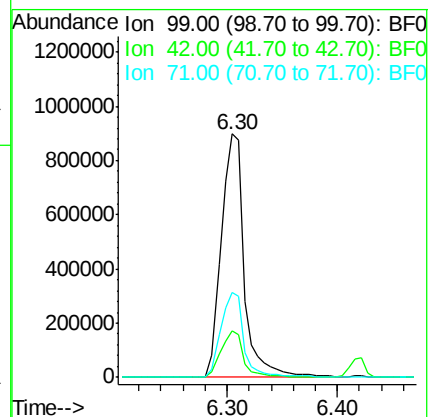
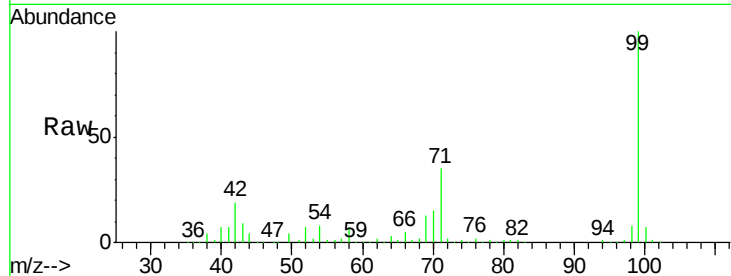
71 34.7 24.5 36.7

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#10

Phenol

Concen: 2.711 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF098570.D

Acq: 15 Sep 2017 15:33

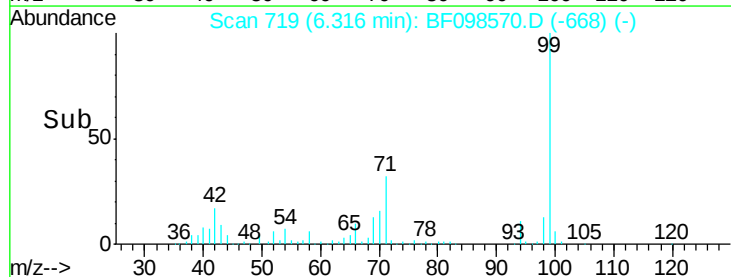
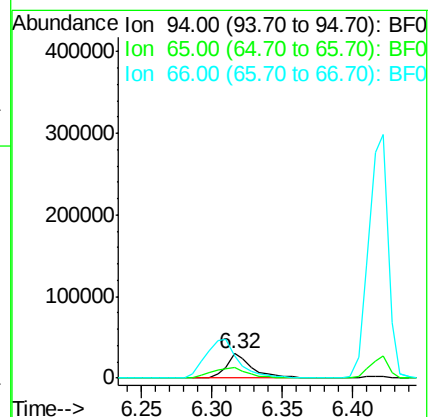
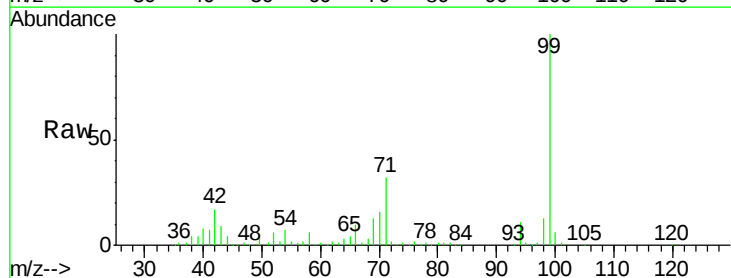
Tgt Ion: 94 Resp: 37764

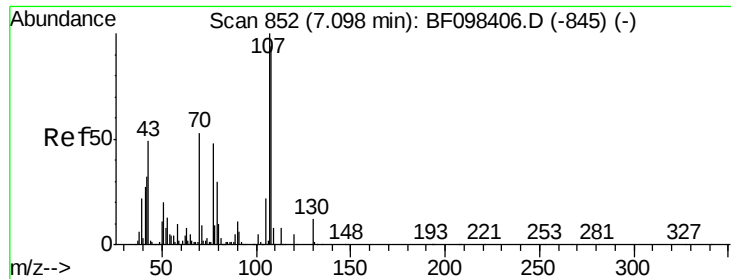
Ion Ratio Lower Upper

94 100

65 41.9 9.9 49.9

66 91.2 23.1 63.1#





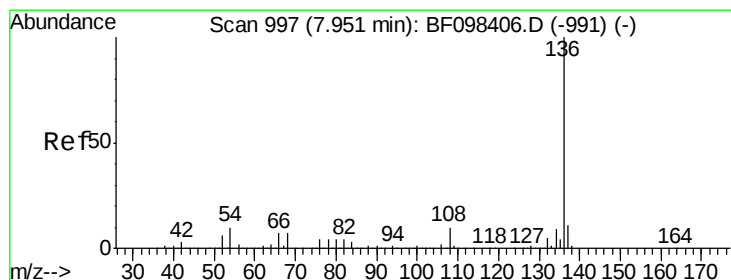
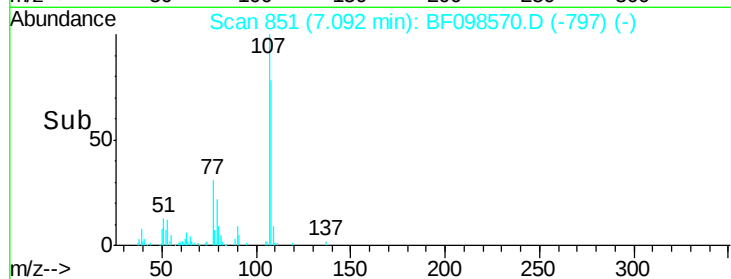
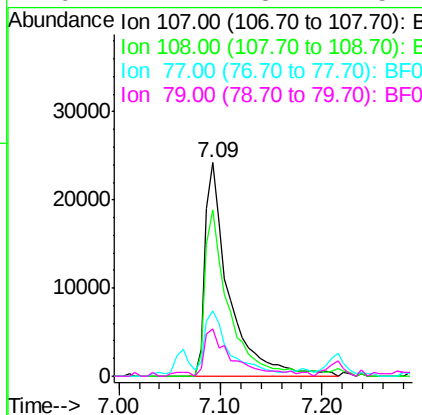
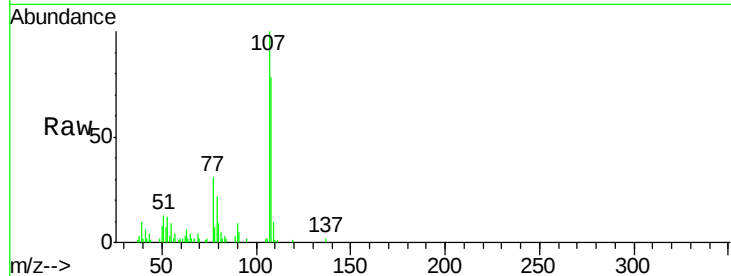
#20
3+4-Methylphenols
Concen: 3.673 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.02 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	39264		
108	77.9	71.0	111.0	
77	30.7	90.5	130.5	
79	22.1	8.4	48.4	

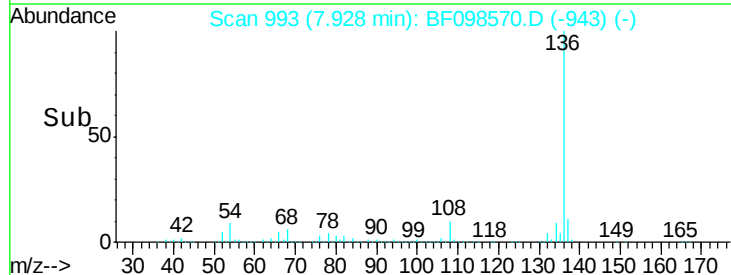
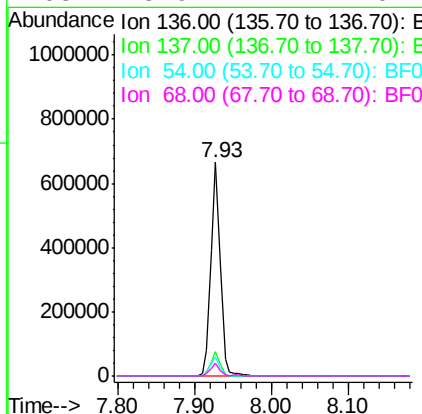
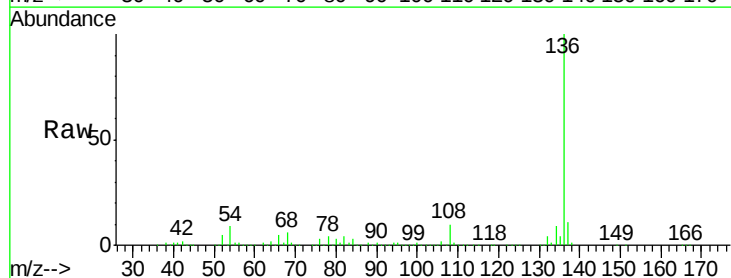
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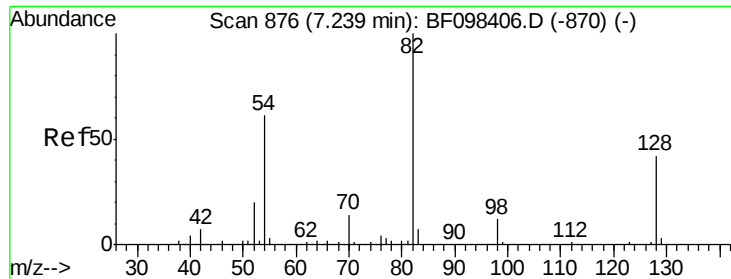
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	559579		
137	11.2	8.5	12.7	
54	8.9	4.9	7.3	
68	5.9	4.1	6.1	





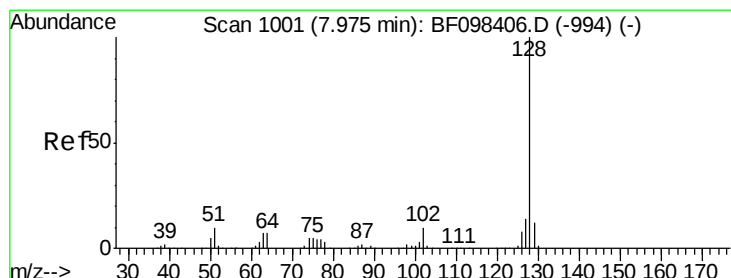
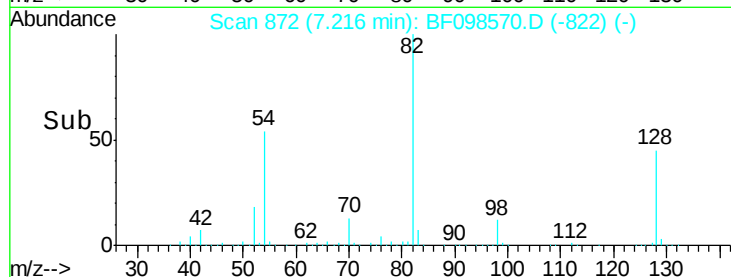
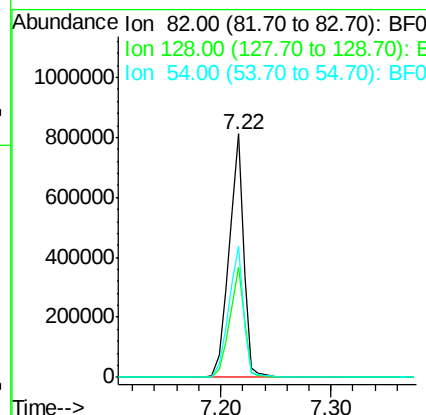
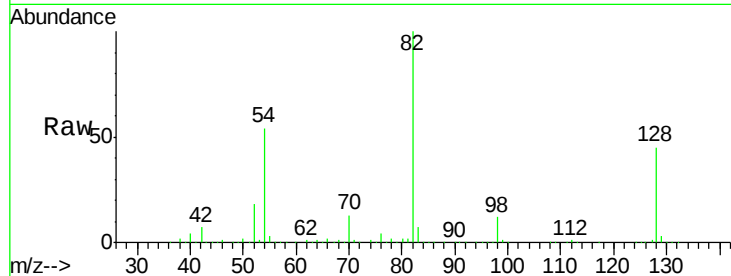
#23
Nitrobenzene-d5
Concen: 75.637 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	759198		
128	45.1	34.0	51.0	
54	53.8	42.2	63.2	

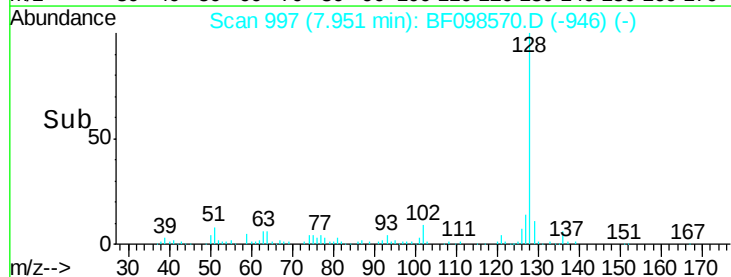
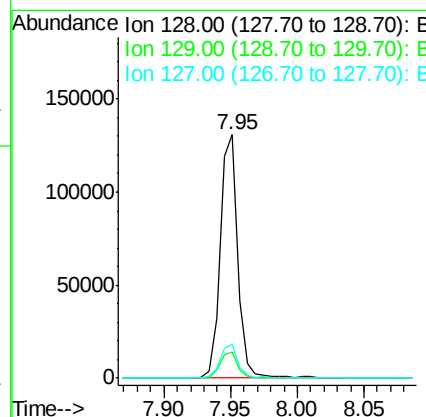
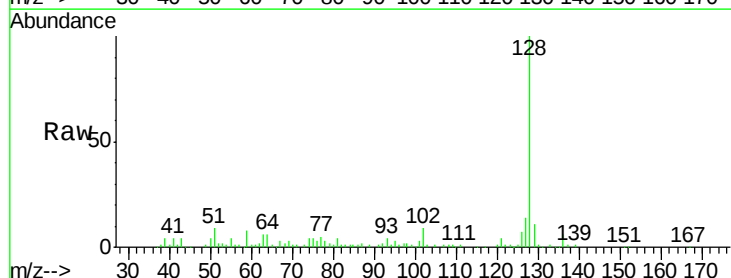
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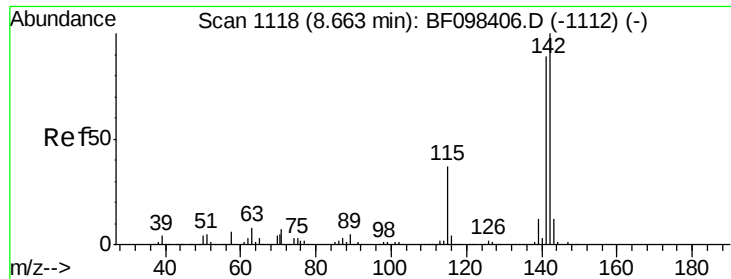
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#31
Naphthalene
Concen: 4.379 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	121138		
129	10.6	9.0	13.6	
127	13.7	10.8	16.2	





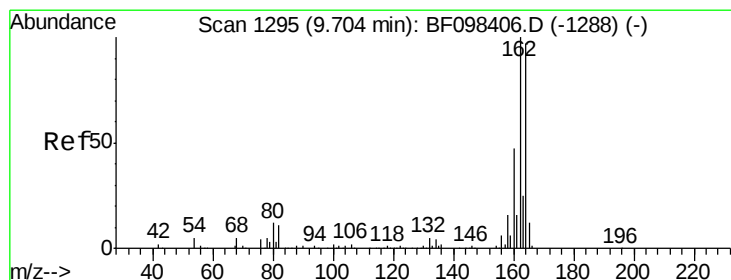
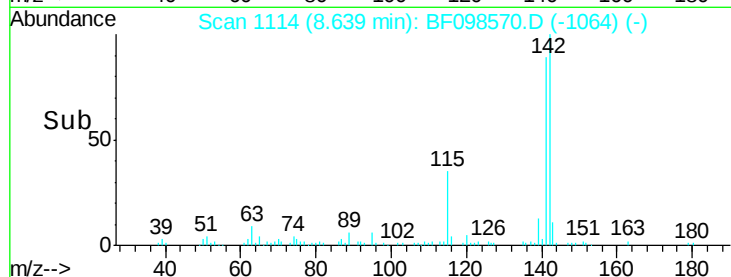
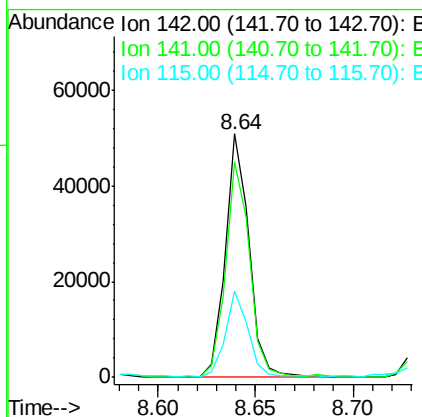
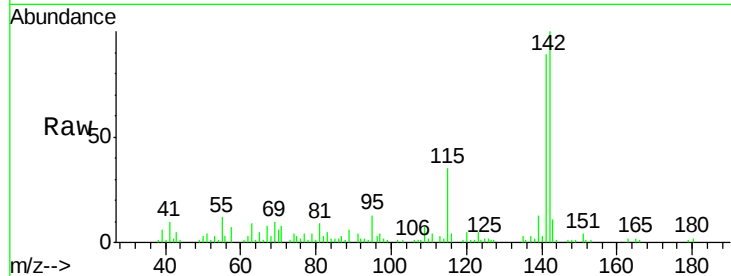
#37
2-Methylnaphthalene
Concen: 2.558 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	42863		
141	88.6	71.3	106.9	
115	35.3	27.1	40.7	

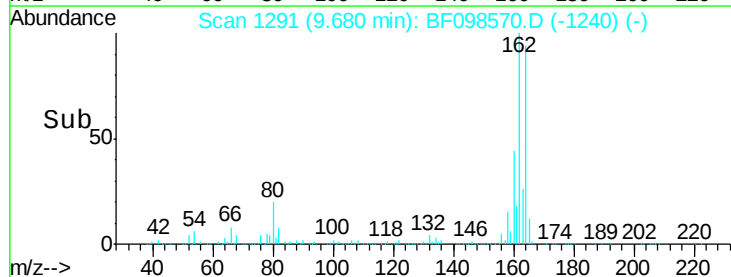
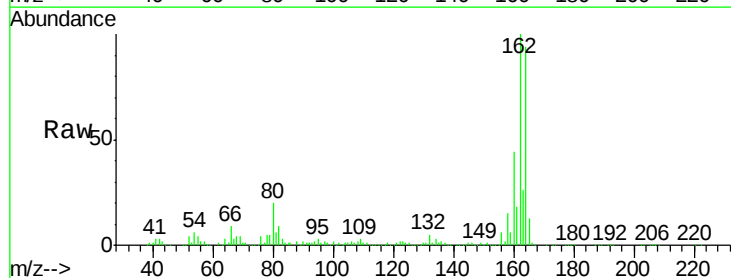
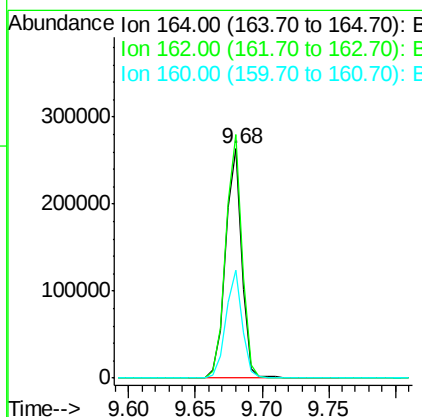
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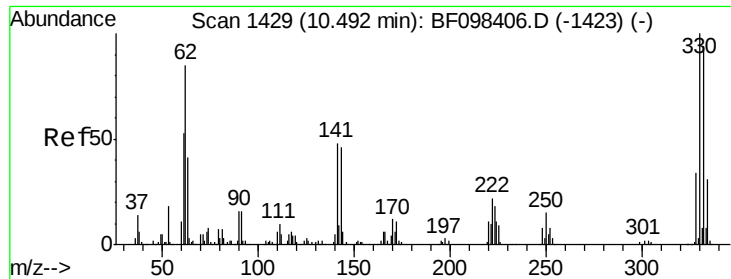
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	226199		
162	106.3	82.6	123.8	
160	47.1	36.2	54.2	





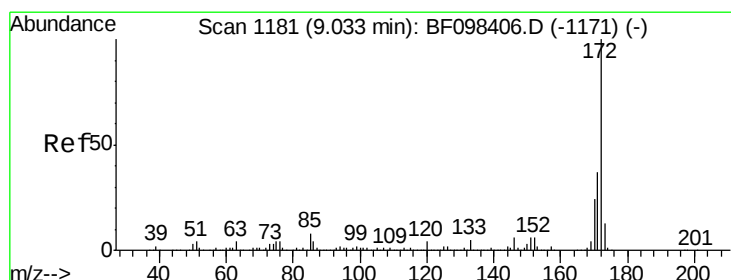
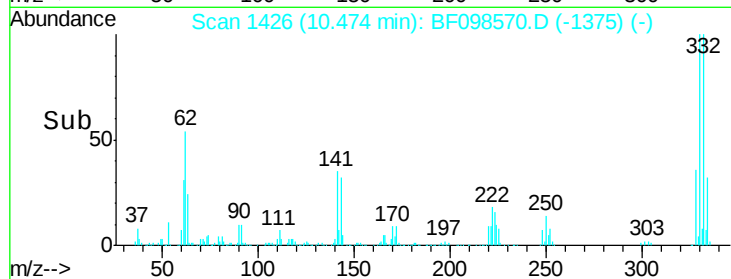
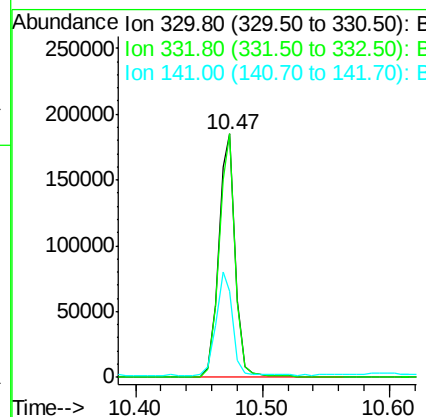
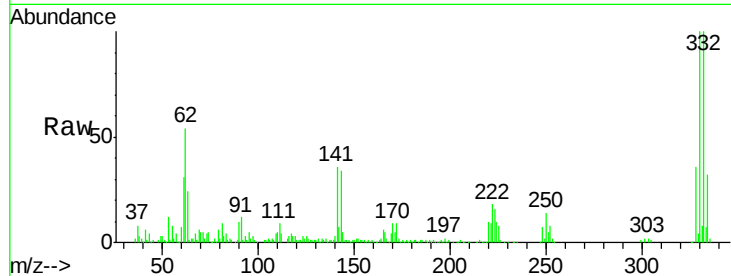
#41
 2,4,6-Tribromophenol
 Concen: 113.803 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF098570.D
 Acq: 15 Sep 2017 15:33

Instrument :
 BNA_F
 ClientSampled :
 RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	171808		
332	97.1	76.6	115.0	
141	42.4	31.4	47.2	

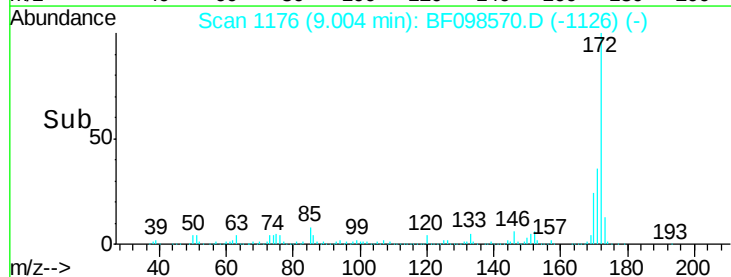
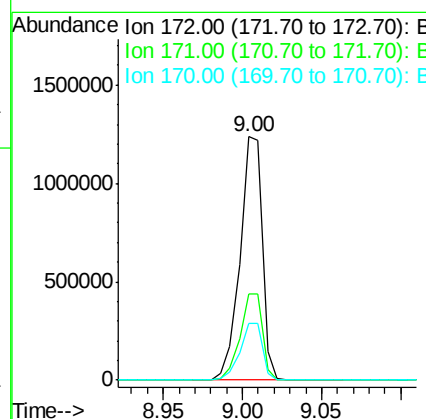
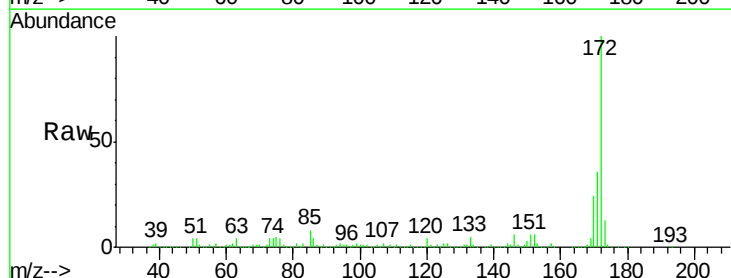
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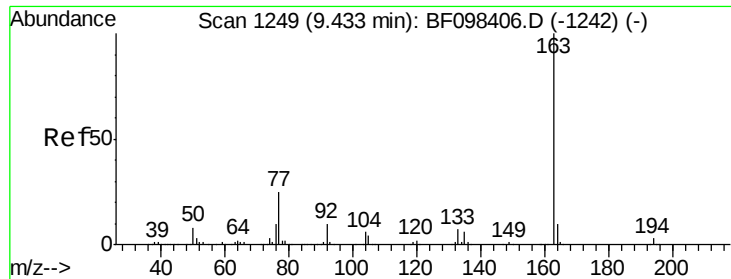
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#44
 2-Fluorobiphenyl
 Concen: 90.499 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF098570.D
 Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1207779		
171	35.6	29.6	44.4	
170	23.5	19.8	29.8	





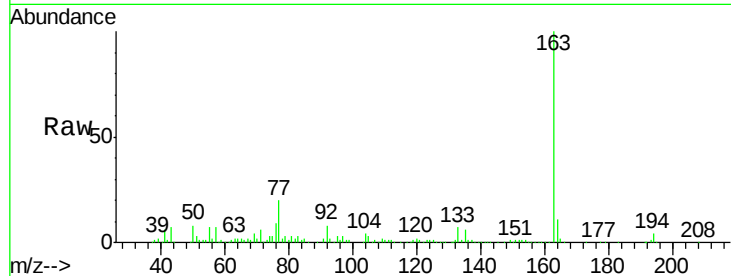
#49
Dimethylphthalate
Concen: 9.377 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampled :
RL-6-11-22

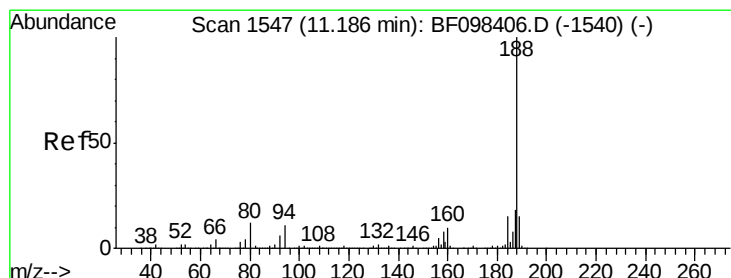
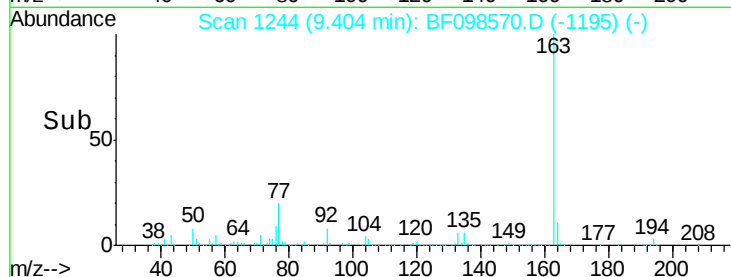
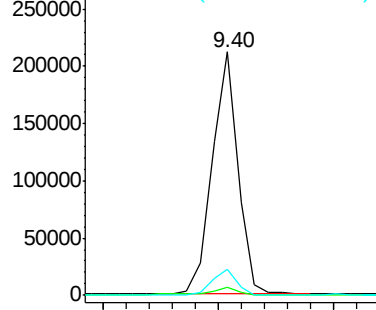
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	164196		
194	3.5	2.6	4.0	
164	10.7	8.4	12.6	

Manual Integrations
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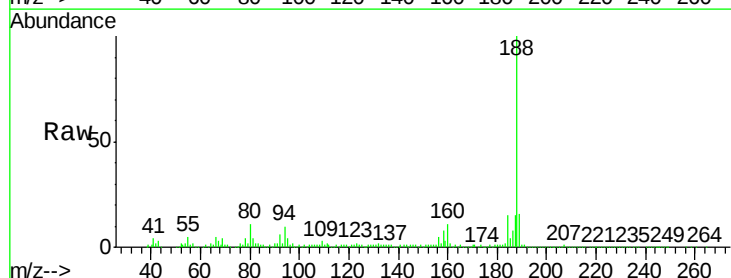


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

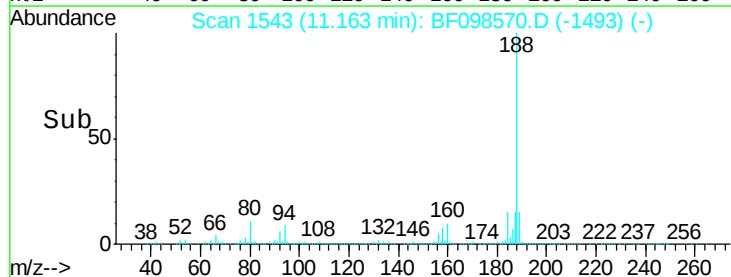
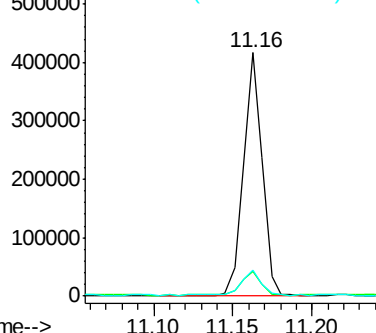


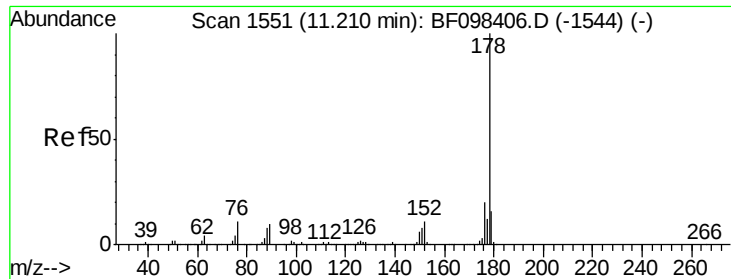
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	347510		
94	9.9	9.4	14.2	
80	10.9	10.2	15.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





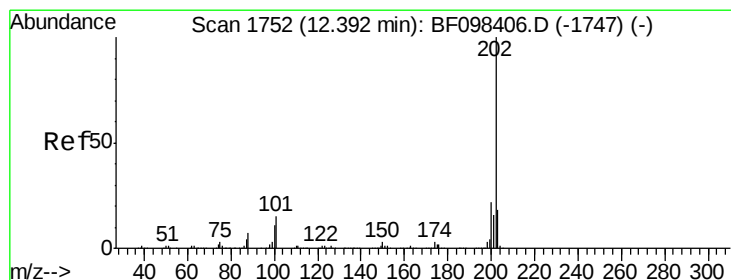
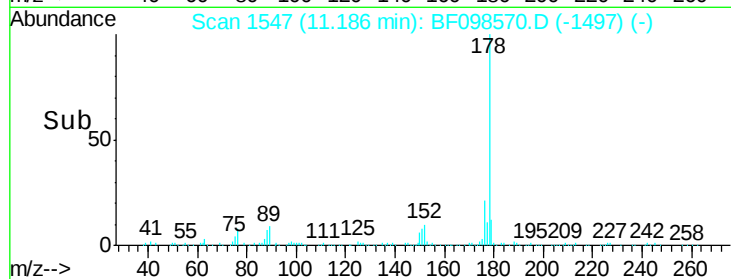
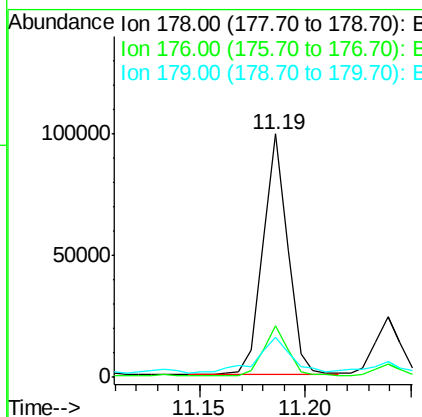
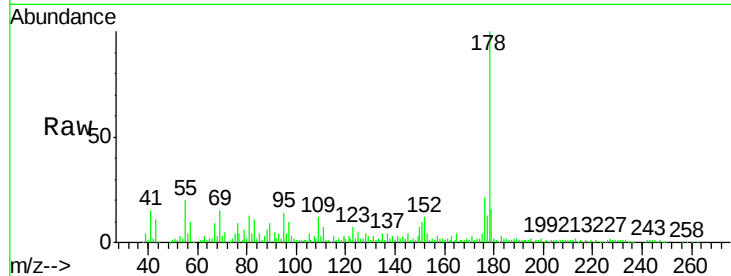
#70
Phenanthrene
Concen: 4.431 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.3	12.6	19.0

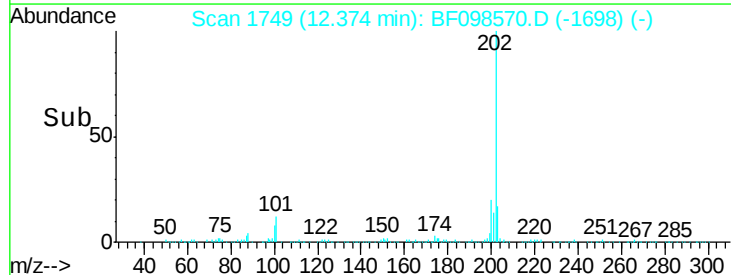
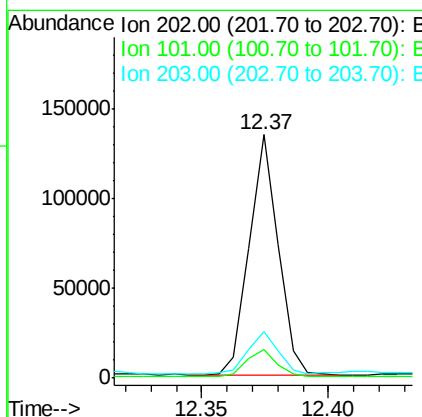
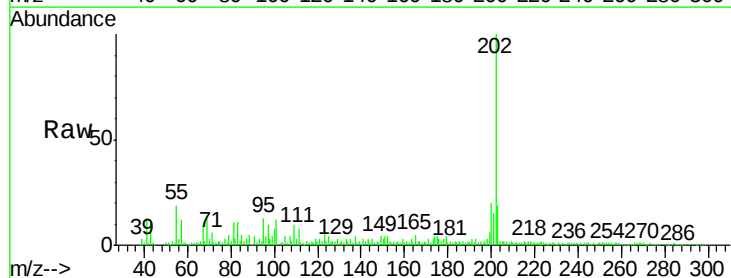
Manual Integrations
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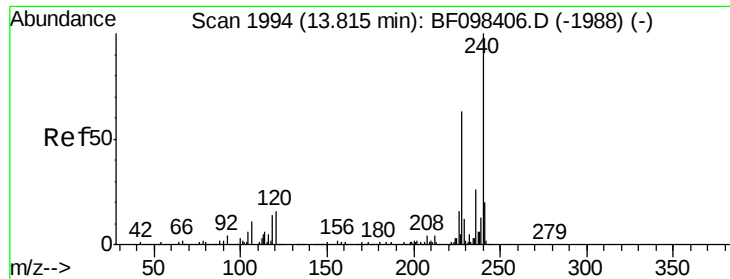
Sohil
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#74
Fluoranthene
Concen: 5.860 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF098570.D

Acq: 15 Sep 2017 15:33

Instrument :

BNA_F

ClientSampleId :

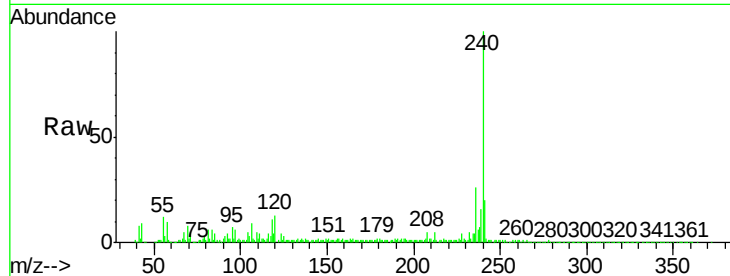
RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	273848		
120	13.1	5.8	8.8#	
236	25.6	20.5	30.7	

Manual Integrations
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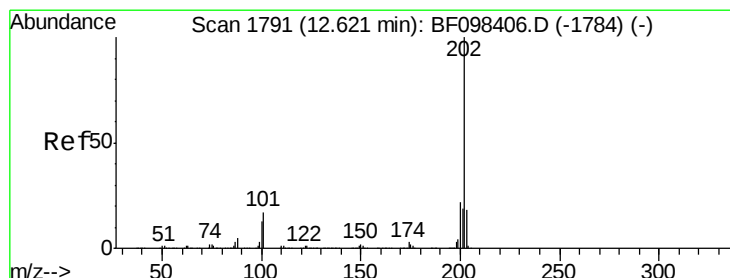
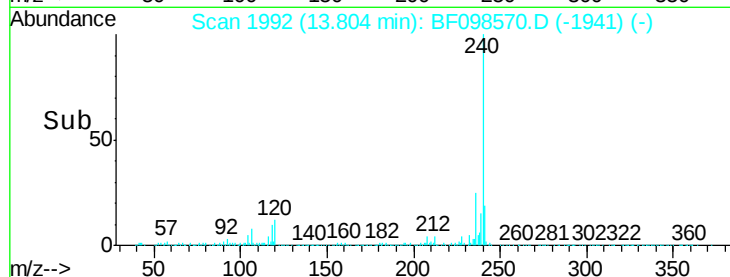
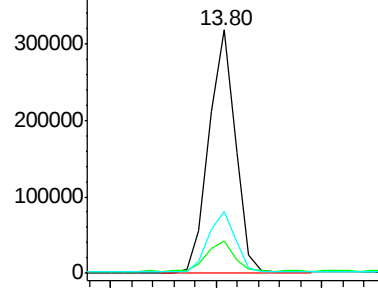
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.625 ng

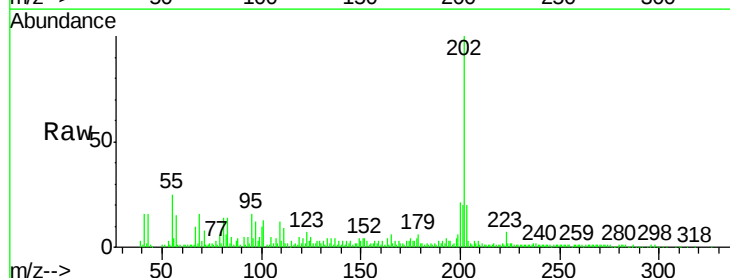
RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098570.D

Acq: 15 Sep 2017 15:33

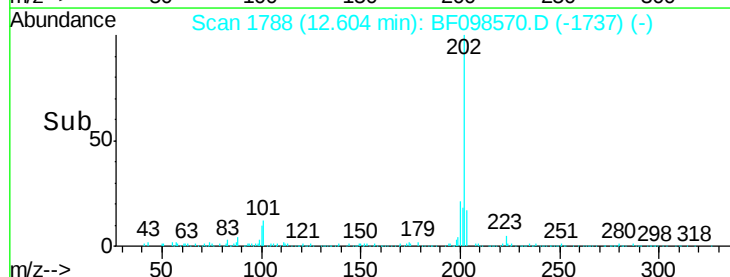
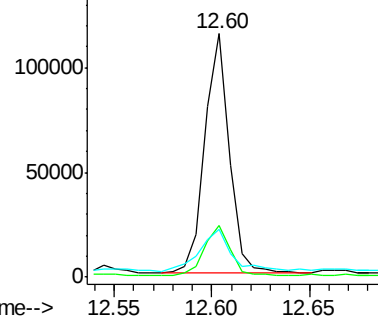
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	99924		
200	21.2	17.6	26.4	
203	19.7	14.4	21.6	

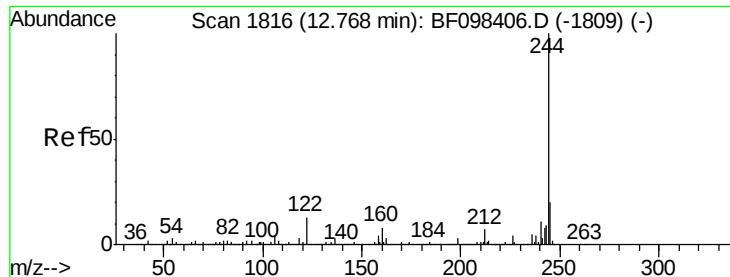


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





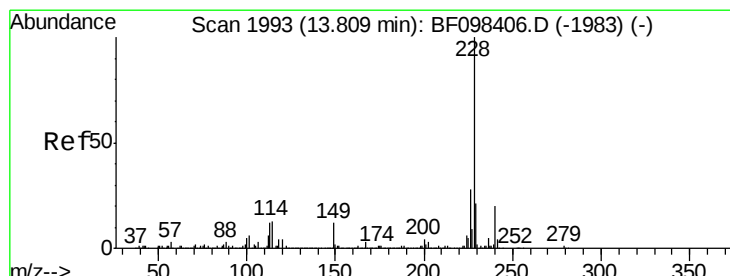
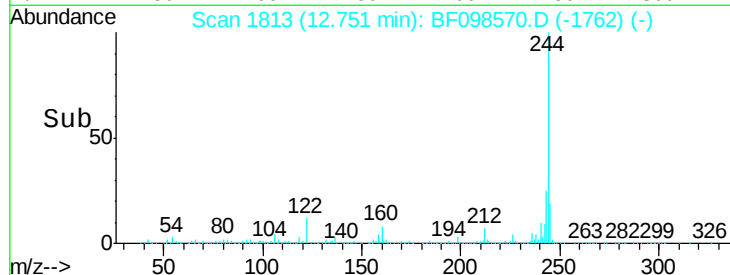
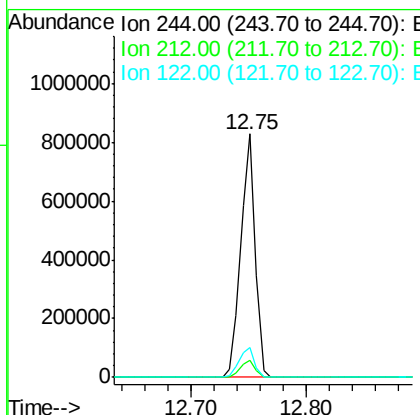
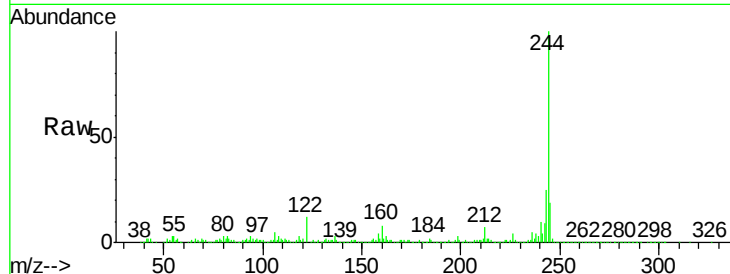
#78
 Terphenyl-d14
 Concen: 56.534 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF098570.D
 Acq: 15 Sep 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :
 RL-6-11-22

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	717255		
212	7.2	6.0	9.0	
122	12.3	10.3	15.5	

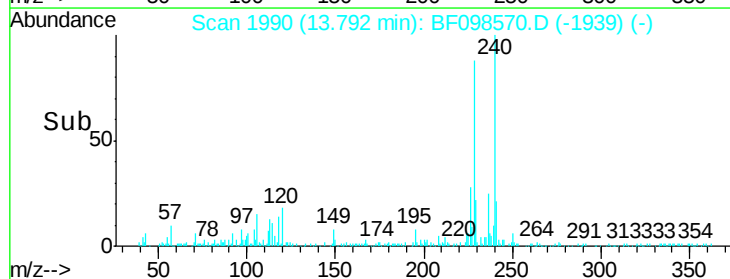
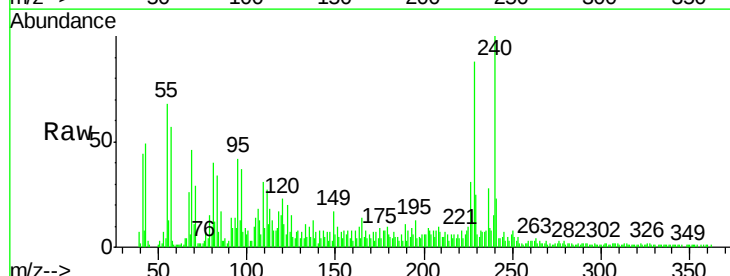
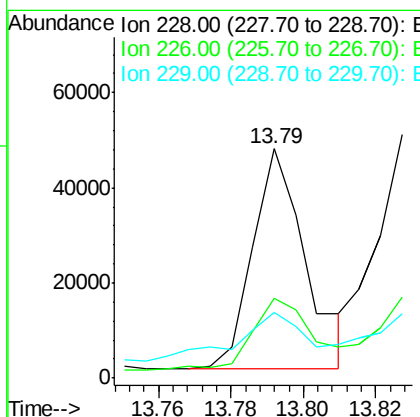
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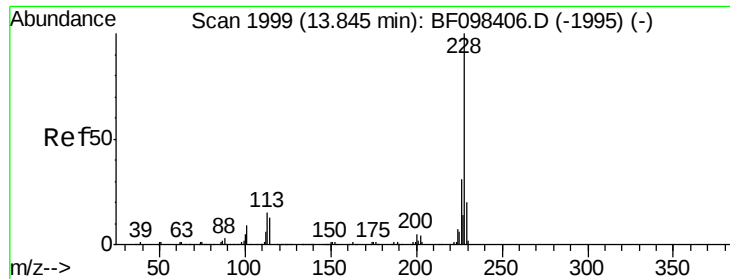
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#80
 Benzo(a)anthracene
 Concen: 2.906 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF098570.D
 Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46658		
226	35.0	22.6	33.8#	
229	28.9	16.3	24.5#	





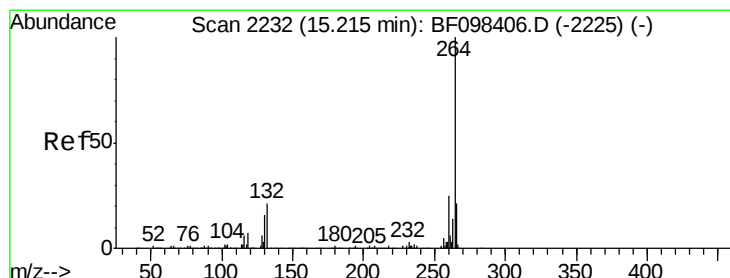
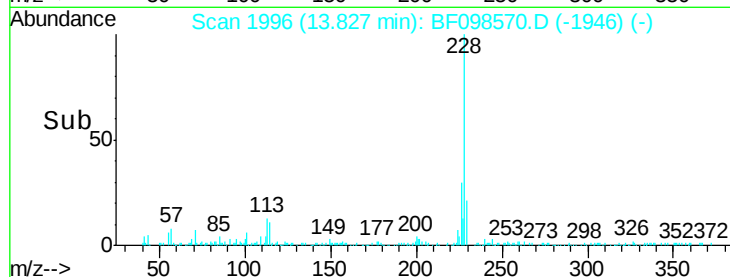
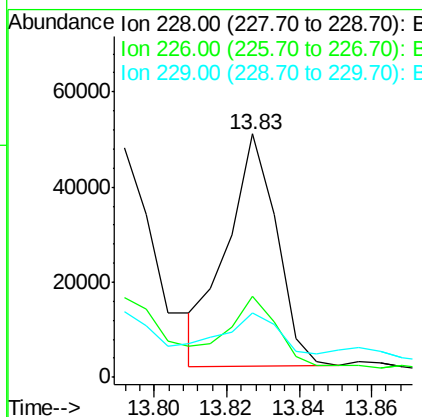
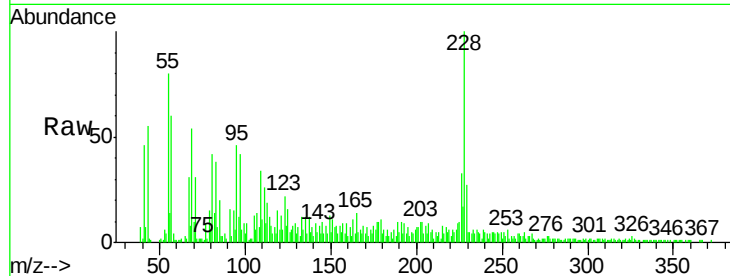
#82
Chrysene
Concen: 2.858 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	33.4	24.9	37.3
229	26.6	15.8	23.6

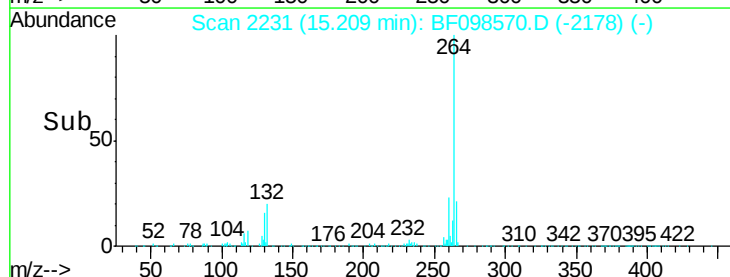
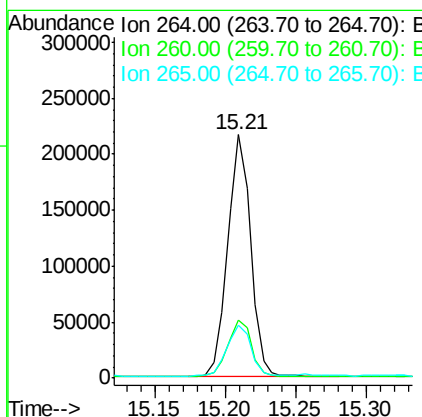
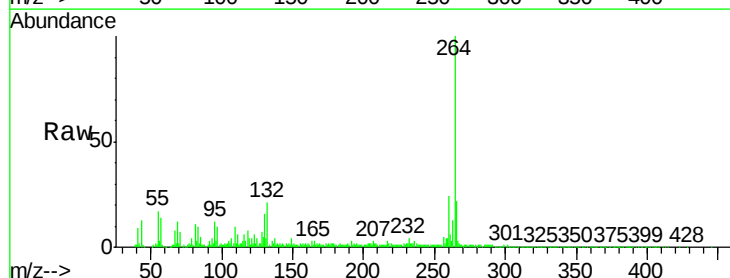
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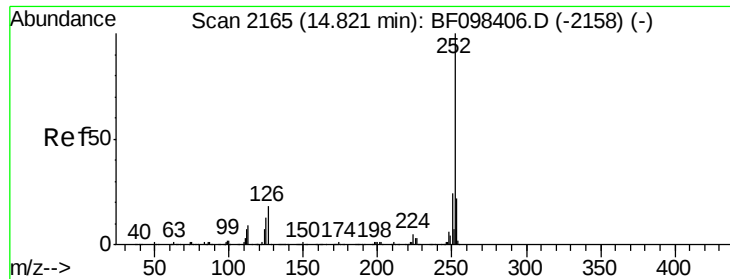
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8





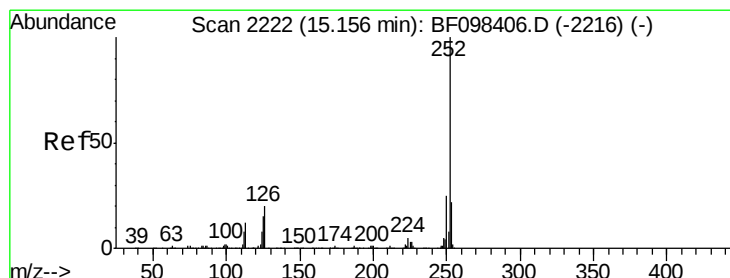
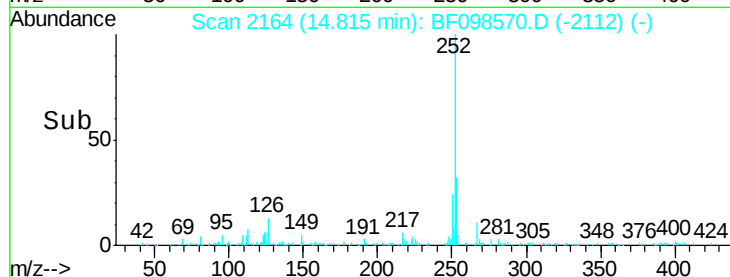
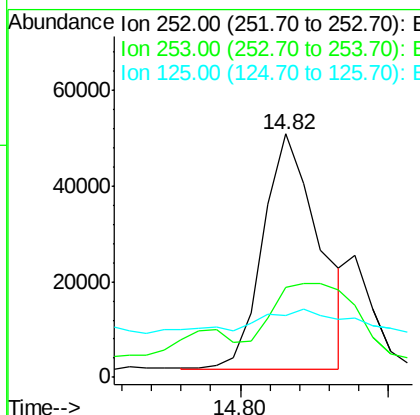
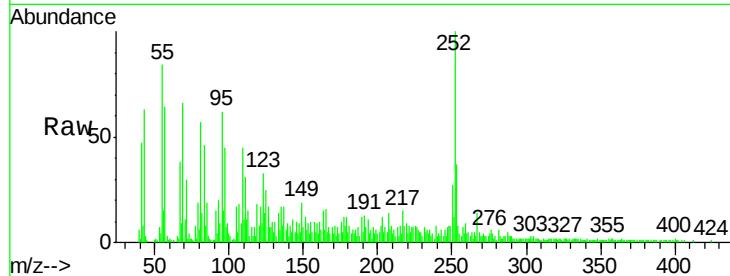
#87
Benzo(b)fluoranthene
Concen: 4.192 ng m
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.1	27.1#
125	25.5	9.8	14.8#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.958 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.5	26.3#
125	31.8	11.0	16.4#

