

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096761.D
 Acq On : 14 Jul 2017 6:55
 Operator : SJ/JU
 Sample : I4172-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-BASE

Manual Integrations
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mohammad
 7/17/2017 8:12:21 AM

Quant Time: Jul 14 14:14:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	169368	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	520399	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157371	20.00	ng	0.02
63) Phenanthrene-d10	11.16	188	300302	20.00	ng	0.02
75) Chrysene-d12	13.80	240	255496	20.00	ng	0.02
86) Perylene-d12	15.18	264	226446	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	724907	64.35	ng	0.02
7) Phenol-d6	6.29	99	738040	54.60	ng	0.00
23) Nitrobenzene-d5	7.20	82	350344	41.70	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	77364	57.59	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	411005	41.26	ng	0.01
78) Terphenyl-d14	12.74	244	272461	18.49	ng	0.01
Target Compounds						
14) 1,2-Dichlorobenzene	6.82	146	28964	2.434	ng	Qvalue # 26
49) Dimethylphthalate	9.40	163	123479	10.421	ng	# 95
70) Phenanthrene	11.19	178	140299m	8.592	ng	
71) Anthracene	11.24	178	51192m	3.101	ng	
74) Fluoranthene	12.37	202	190605	12.195	ng	98
77) Pyrene	12.60	202	189368	8.167	ng	98
80) Benzo(a)anthracene	13.79	228	94093	5.911	ng	94
82) Chrysene	13.82	228	91731m	5.853	ng	
85) Indeno(1,2,3-cd)pyrene	16.49	276	28269	5.202	ng	99
87) Benzo(b)fluoranthene	14.79	252	81060m	5.935	ng	
89) Benzo(a)pyrene	15.12	252	54745	4.370	ng	# 64

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

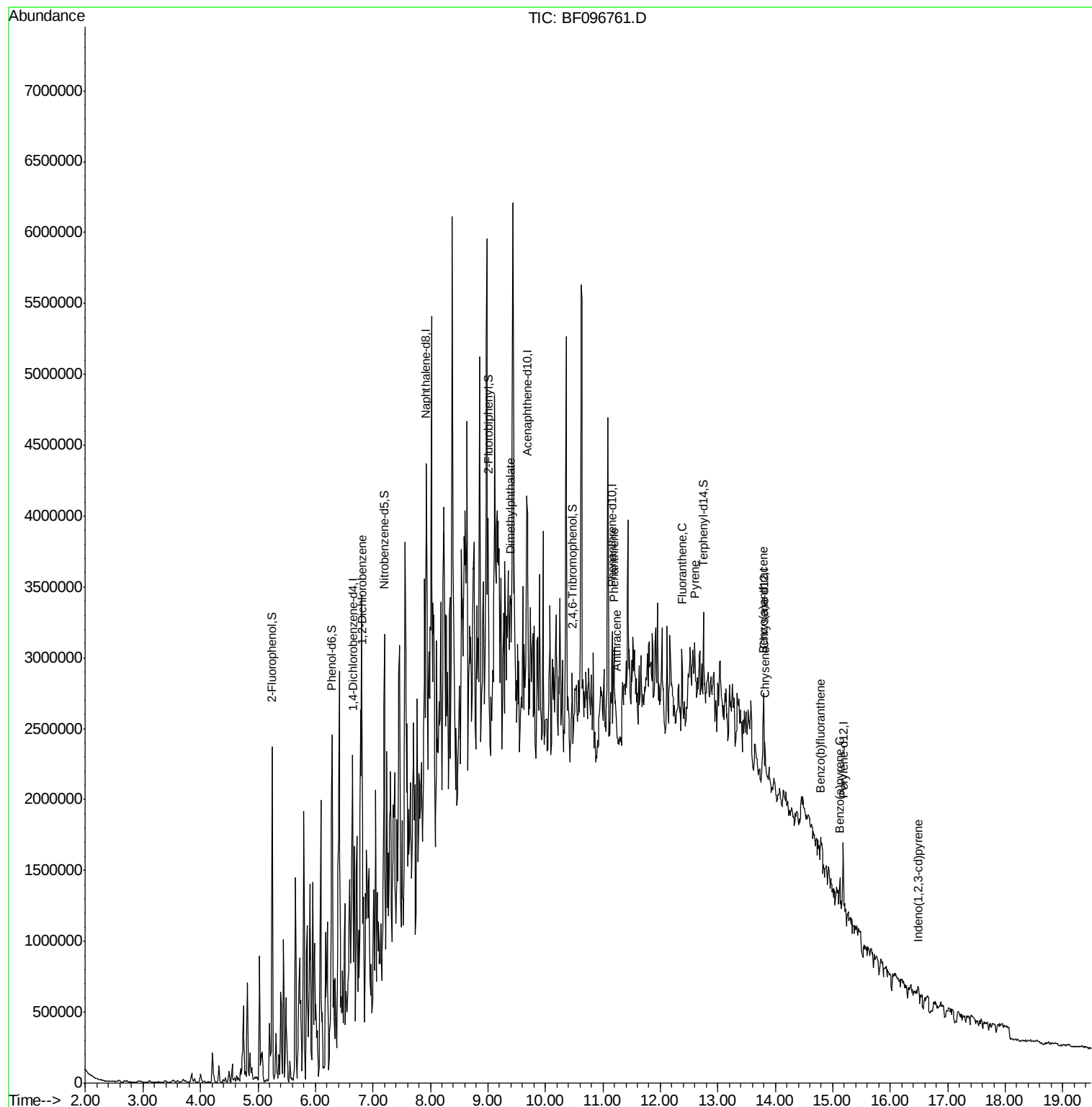
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096761.D
Acq On : 14 Jul 2017 6:55
Operator : SJ/JU
Sample : I4172-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

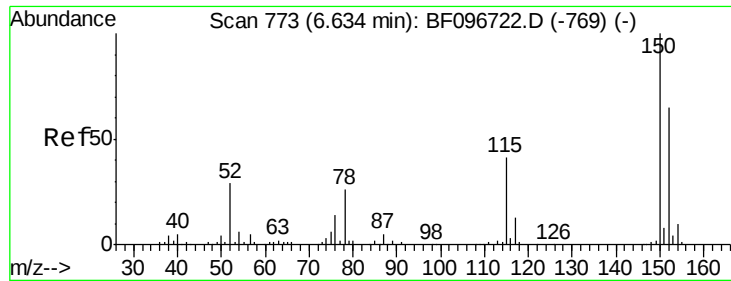
Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

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Quant Time: Jul 14 14:14:50 2017
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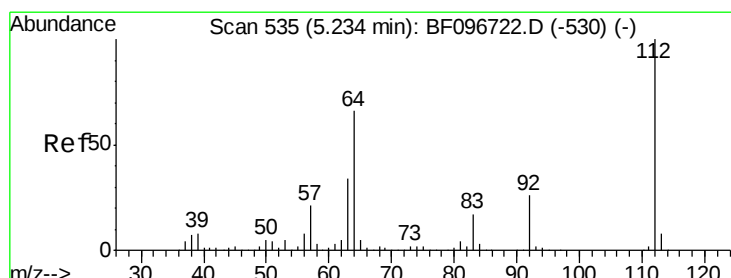
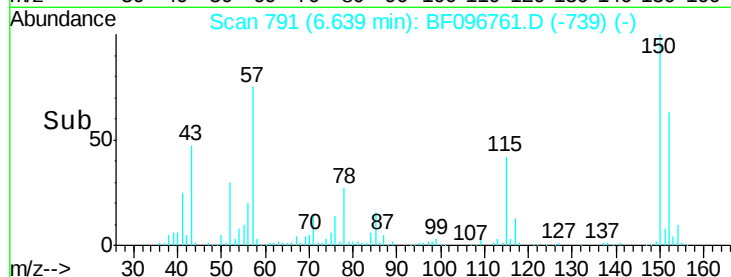
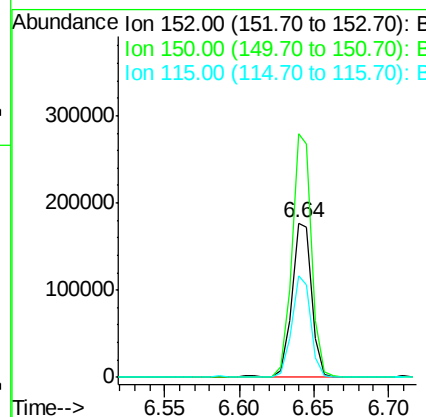
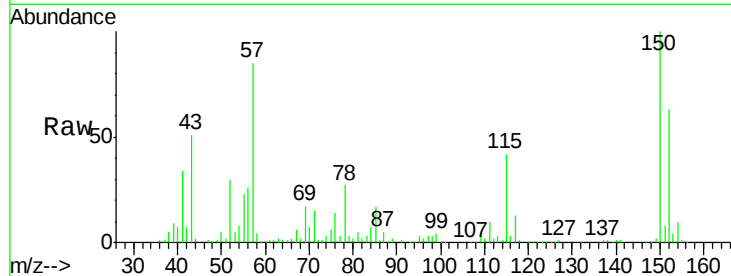
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF096761.D
 Acq: 14 Jul 2017 6:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169368		
150	158.1	126.2	189.2	
115	66.3	52.2	78.2	

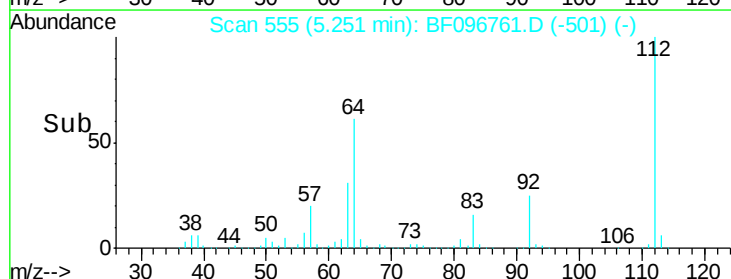
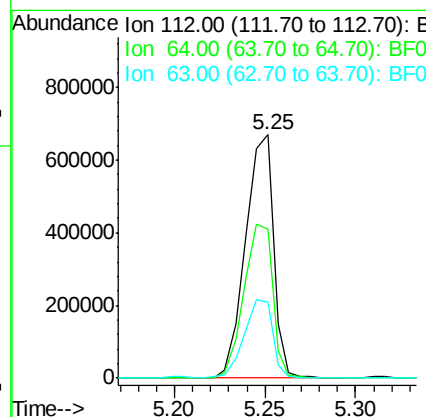
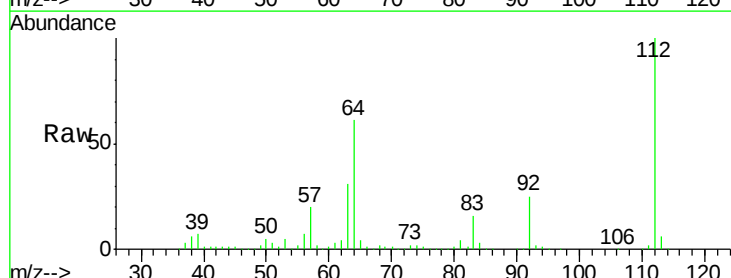
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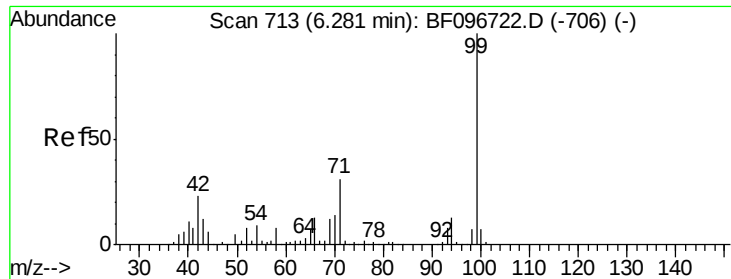
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#5
 2-Fluorophenol
 Concen: 64.354 ng
 RT: 5.25 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF096761.D
 Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	724907		
64	61.3	46.0	69.0	
63	31.0	23.4	35.0	





#7

Phenol-d6

Concen: 54.599 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

Instrument :

BNA_F

ClientSampleId :

E2-05-BASE

Tgt Ion: 99 Resp: 738040

Ion Ratio Lower Upper

99 100

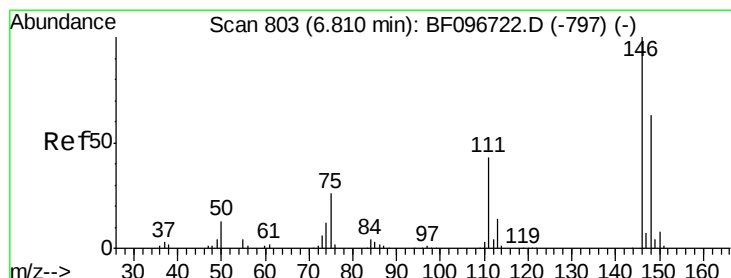
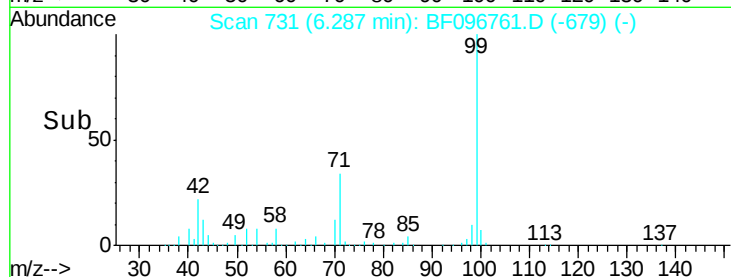
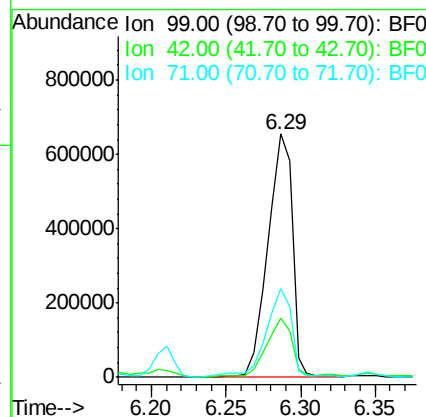
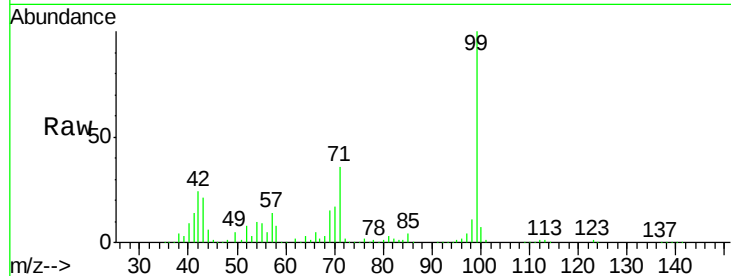
42 24.5 13.5 20.3#

71 36.3 24.5 36.7

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#14

1,2-Dichlorobenzene

Concen: 2.434 ng

RT: 6.82 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

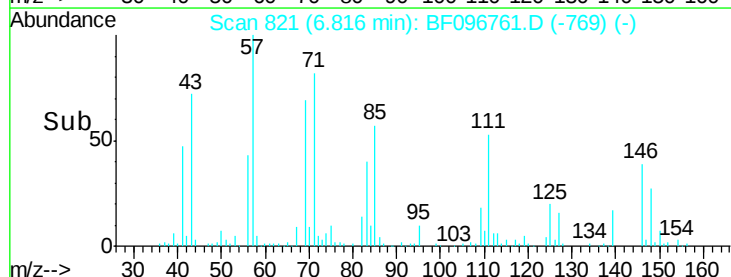
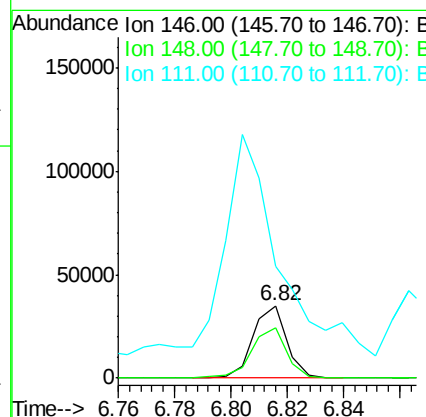
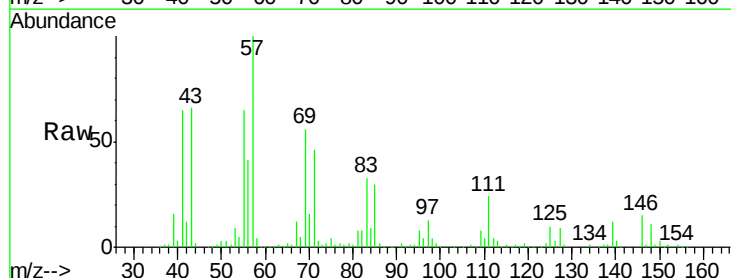
Tgt Ion: 146 Resp: 28964

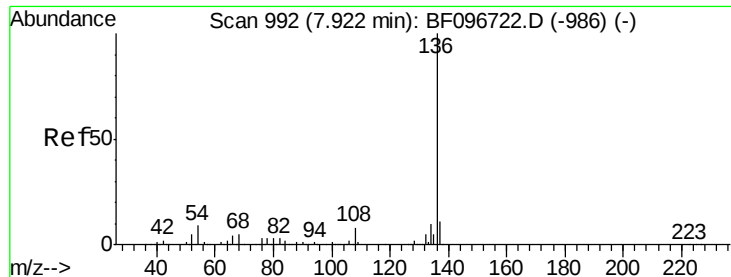
Ion Ratio Lower Upper

146 100

148 70.4 50.4 75.6

111 154.5 38.2 57.4#





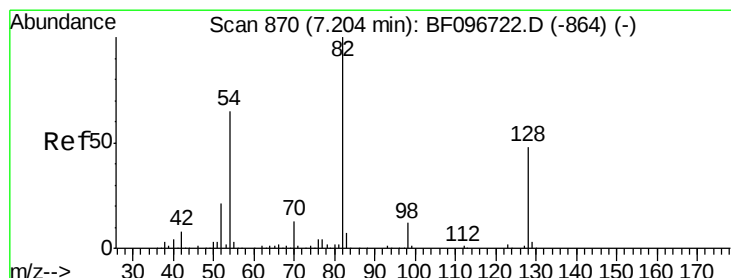
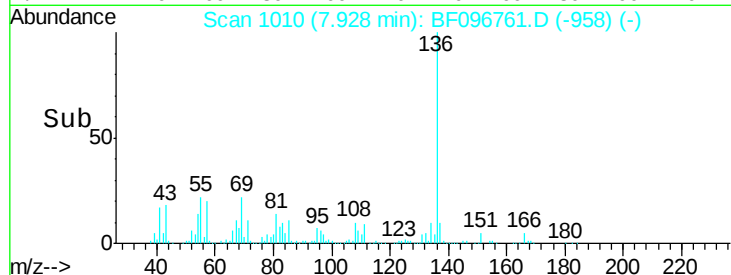
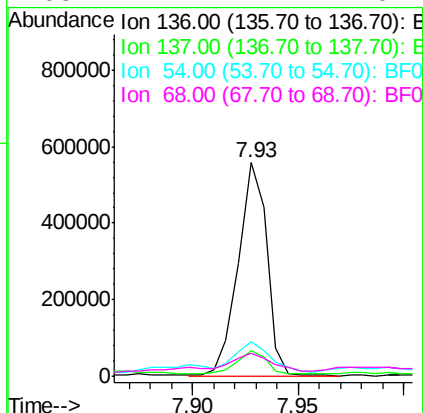
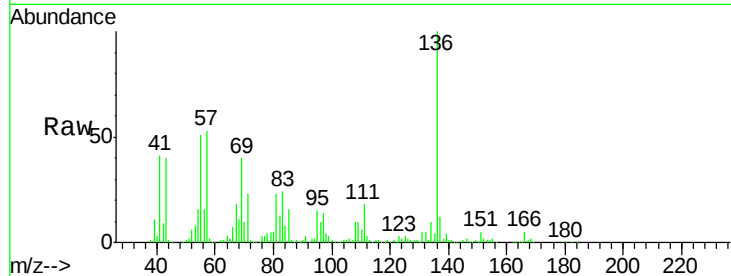
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	520399		
137	12.2	8.5	12.7	
54	16.0	4.9	7.3#	
68	11.1	4.1	6.1#	

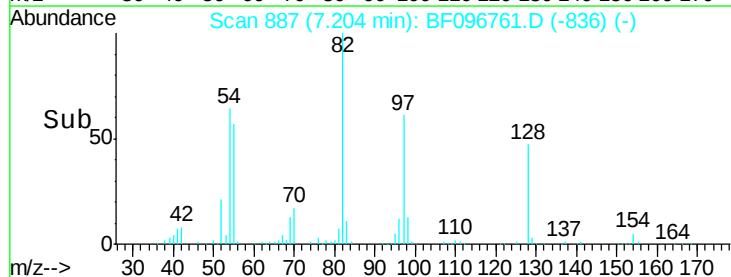
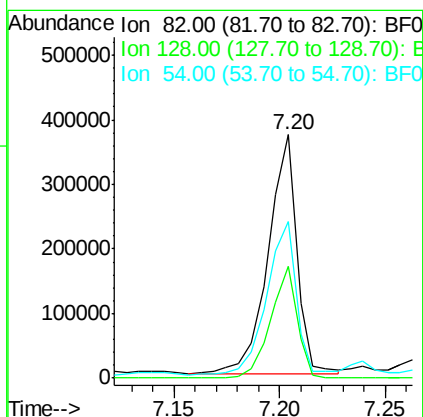
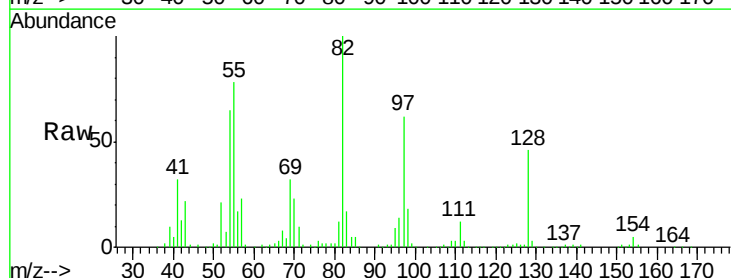
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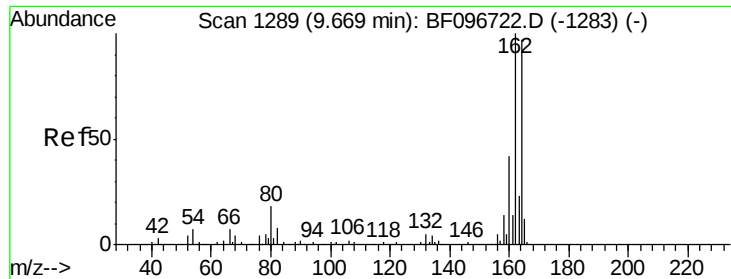
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#23
Nitrobenzene-d5
Concen: 41.700 ng
RT: 7.20 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	350344		
128	45.9	34.0	51.0	
54	64.5	42.2	63.2#	





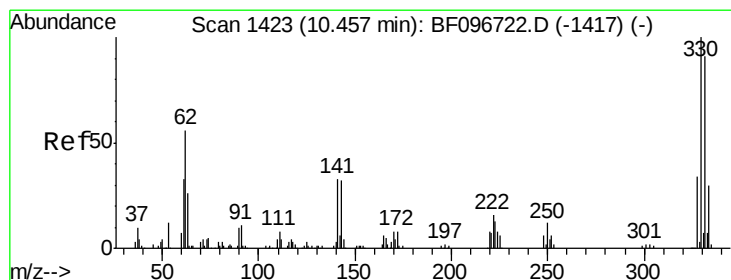
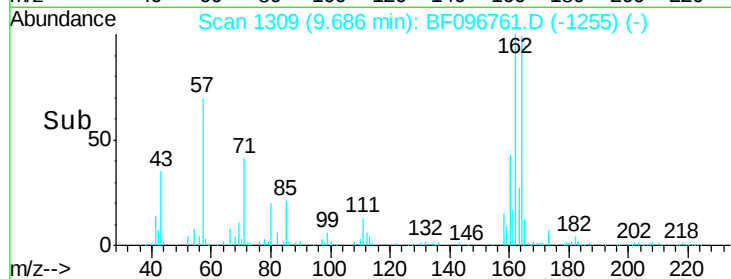
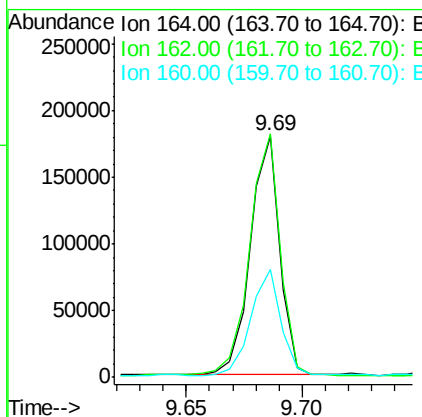
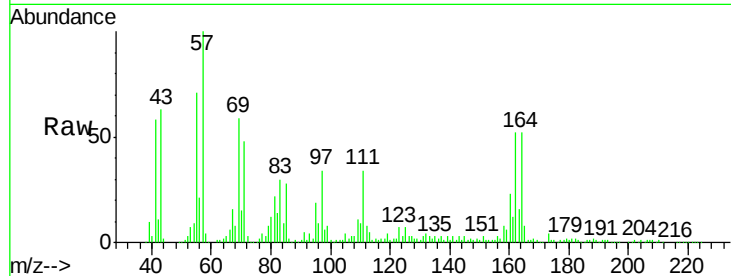
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157371		
162	100.9	82.6	123.8	
160	44.9	36.2	54.2	

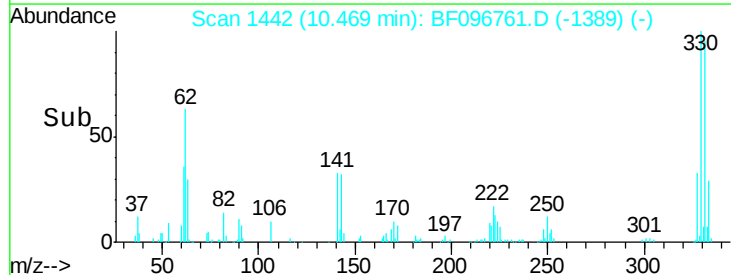
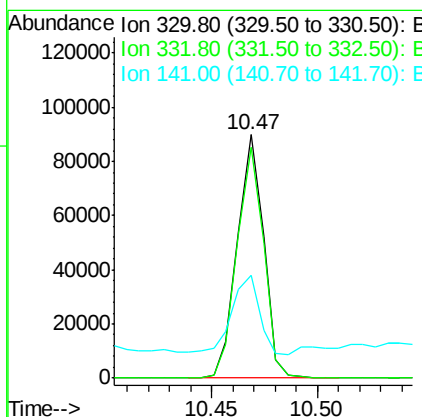
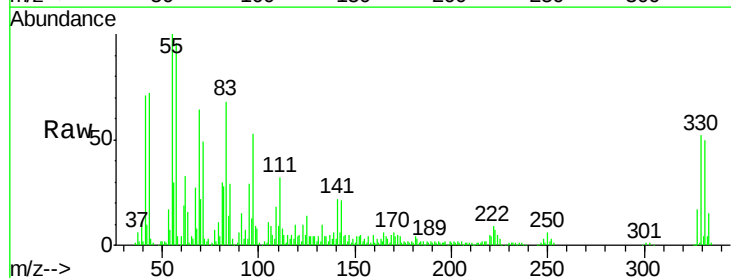
Manual Integrations
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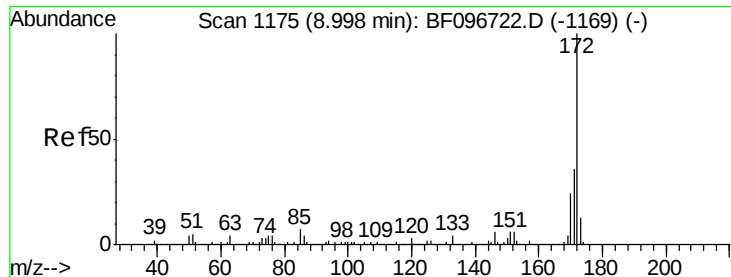
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#41
2,4,6-Tribromophenol
Concen: 57.593 ng
RT: 10.47 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	77364		
332	95.9	76.6	115.0	
141	34.6	31.4	47.2	





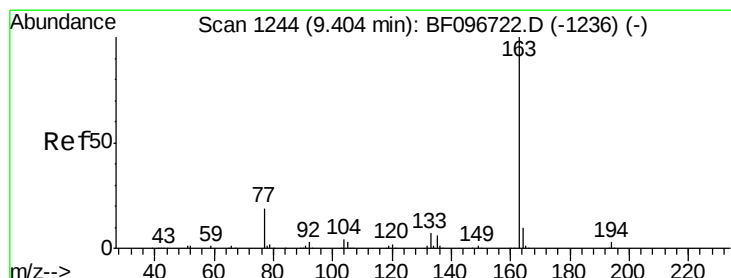
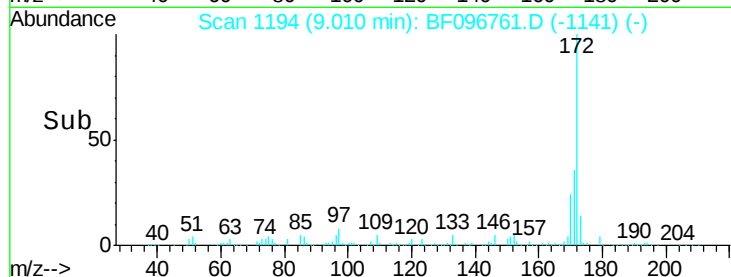
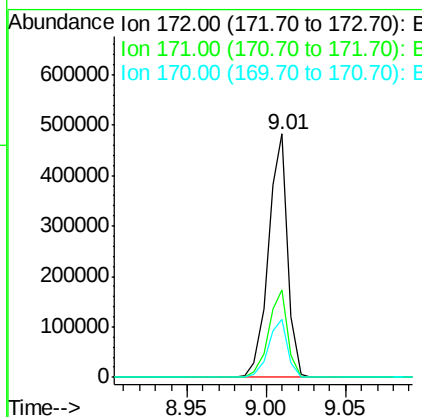
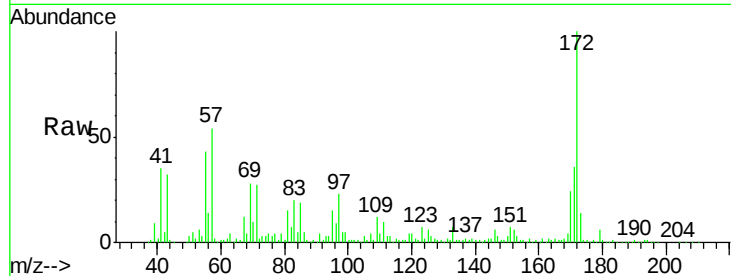
#44
2-Fluorobiphenyl
Concen: 41.263 ng
RT: 9.01 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	411005		
171	36.0	29.6	44.4	
170	23.7	19.8	29.8	

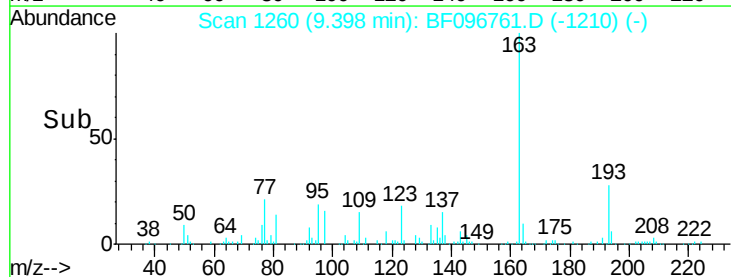
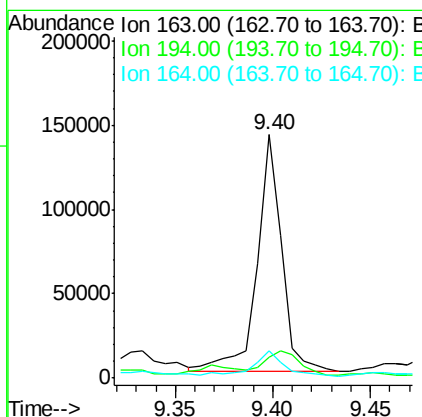
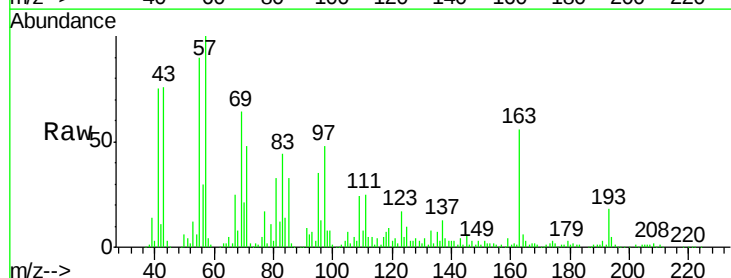
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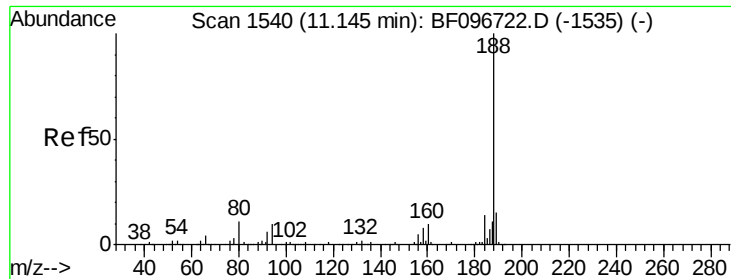
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#49
Dimethylphthalate
Concen: 10.421 ng
RT: 9.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	123479		
194	8.4	2.6	4.0#	
164	11.0	8.4	12.6	





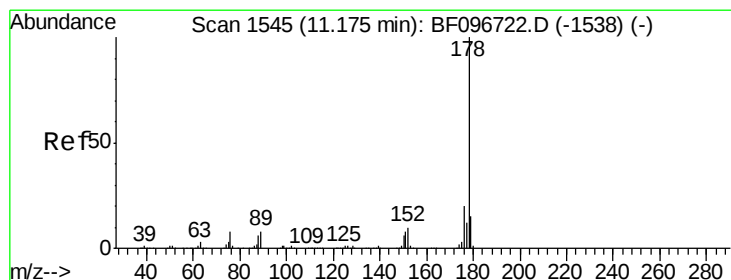
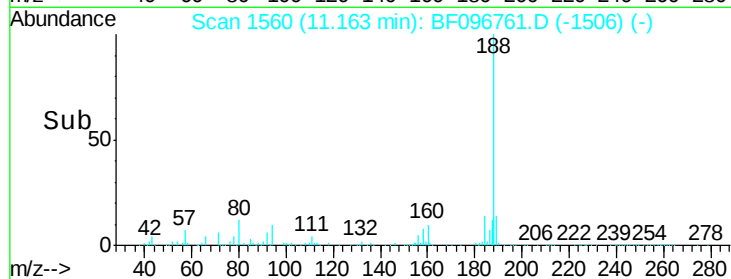
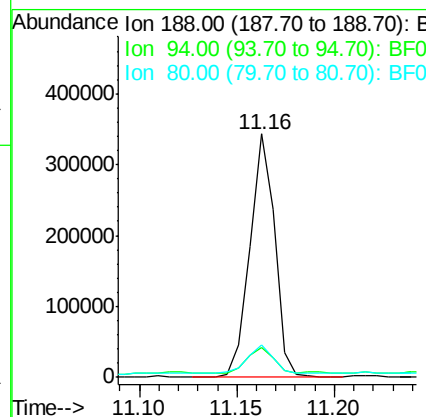
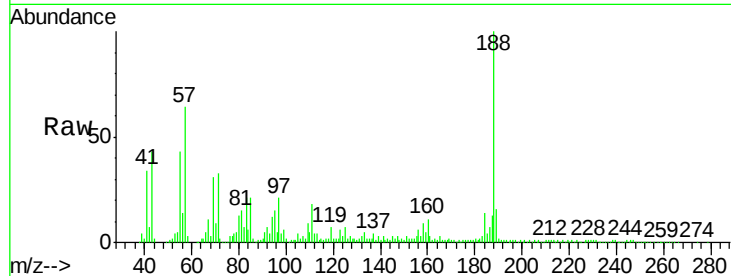
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.4	14.2
80	13.4	10.2	15.2

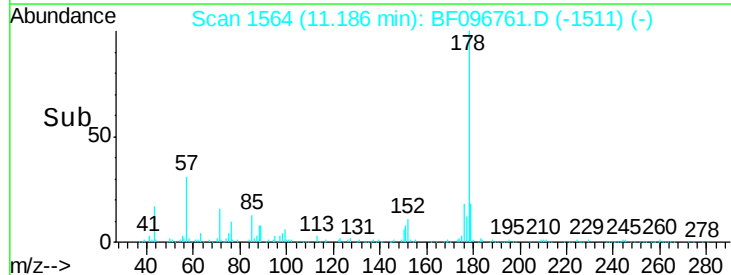
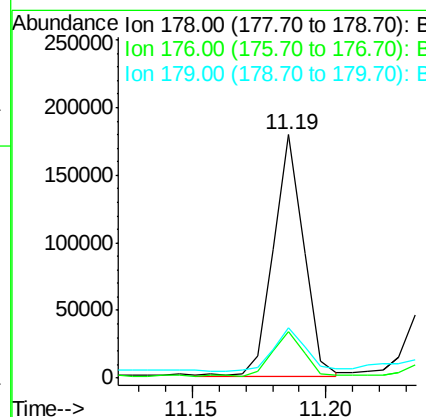
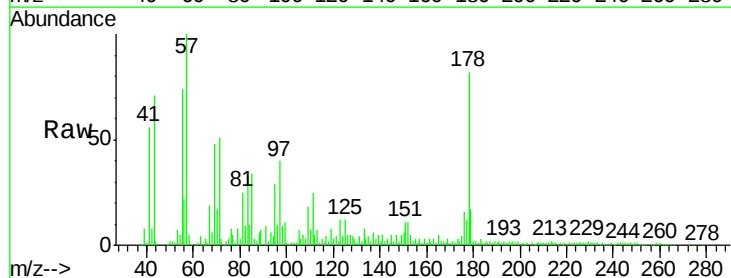
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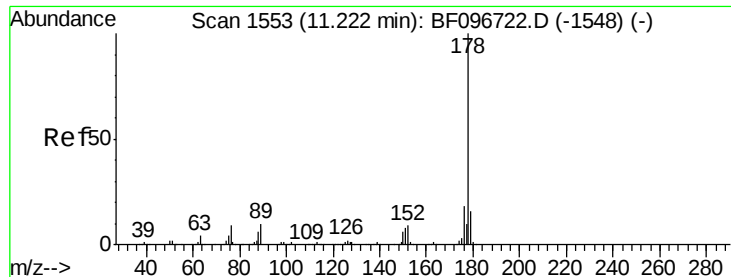
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#70
Phenanthrene
Concen: 8.592 ng m
RT: 11.19 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.2	24.4
179	20.8	12.6	19.0#





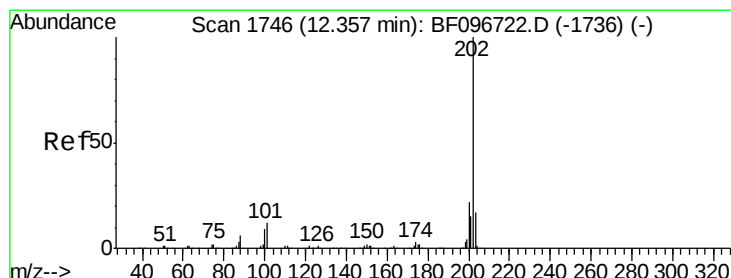
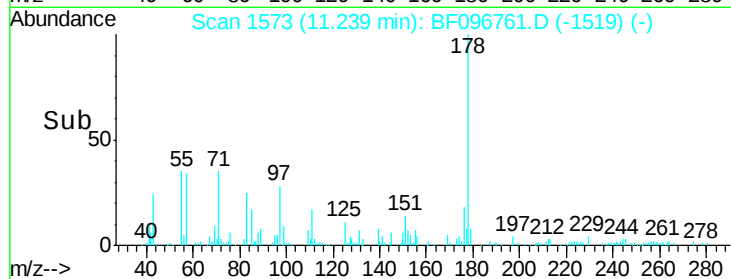
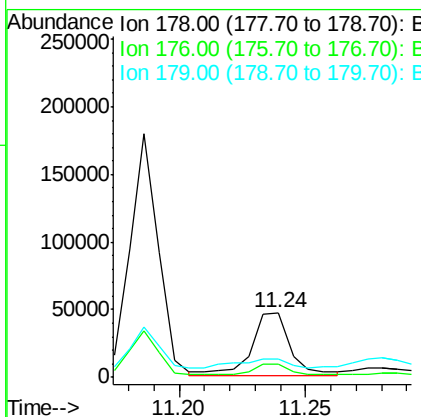
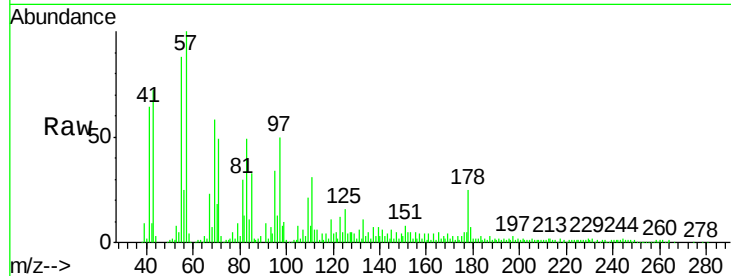
#71
 Anthracene
 Concen: 3.101 ng m
 RT: 11.24 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: BF096761.D
 Acq: 14 Jul 2017 6:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	27.2	12.7	19.1

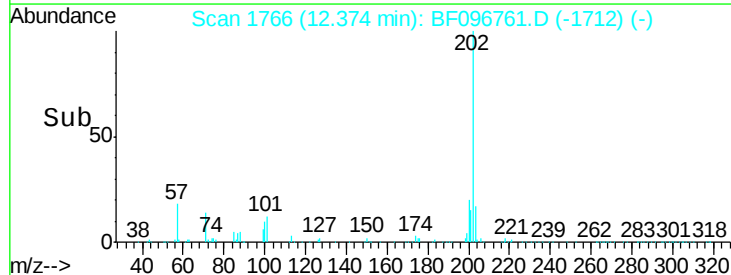
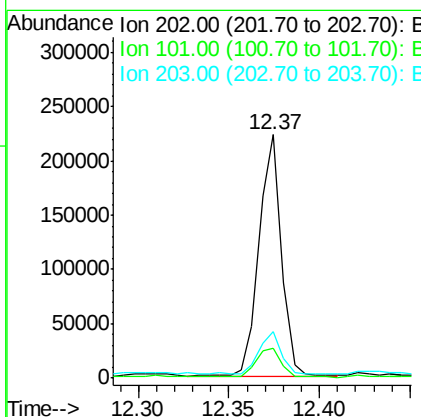
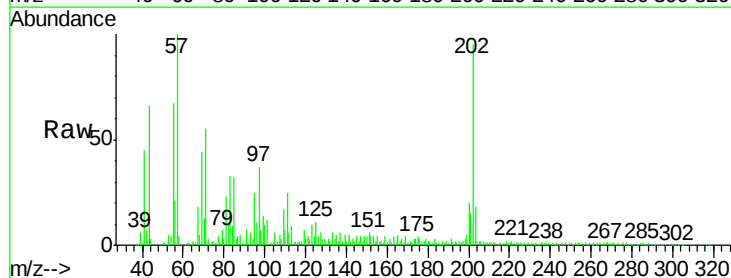
Manual Integrations
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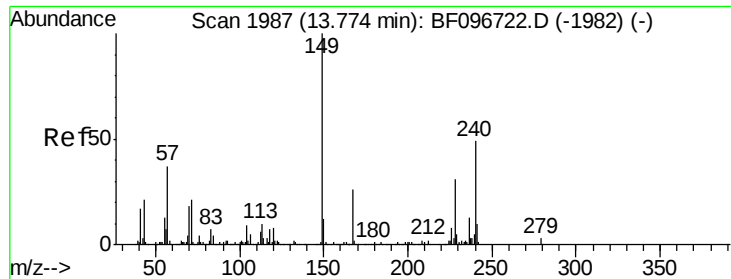
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#74
 Fluoranthene
 Concen: 12.195 ng
 RT: 12.37 min Scan# 1766
 Delta R.T. 0.02 min
 Lab File: BF096761.D
 Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	19.1	0.0	38.1





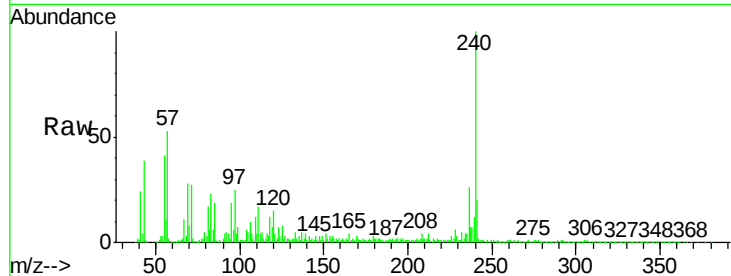
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

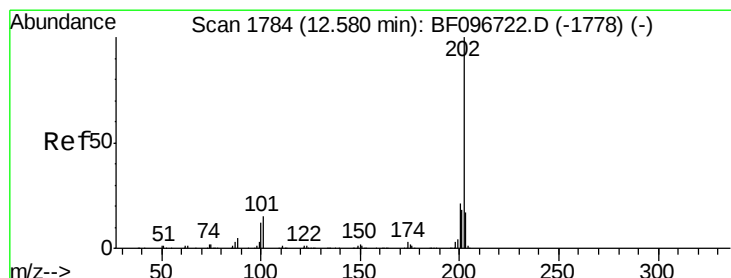
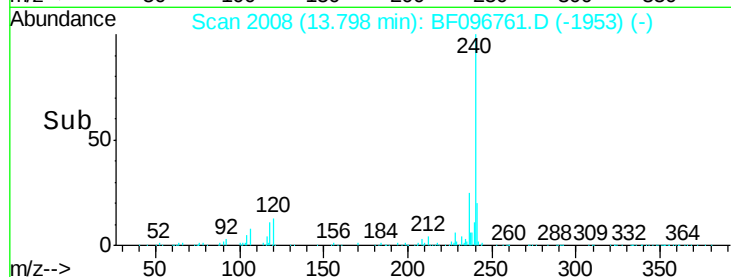
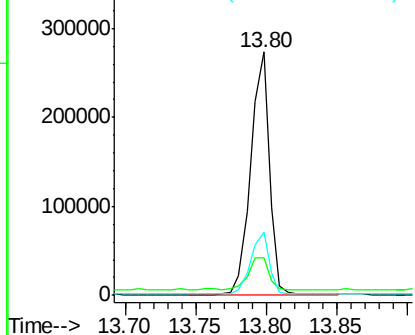
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	255496		
120	15.5	5.8	8.8#	
236	25.9	20.5	30.7	

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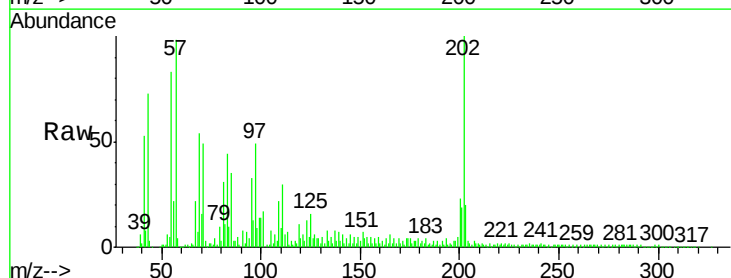


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

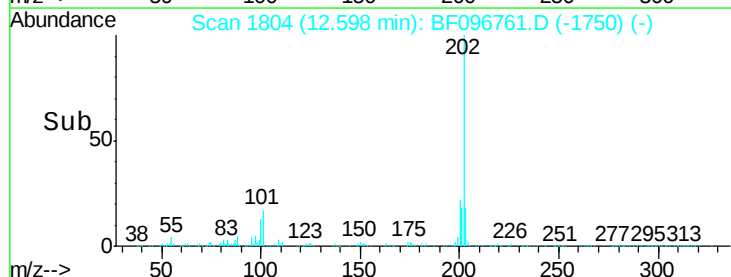
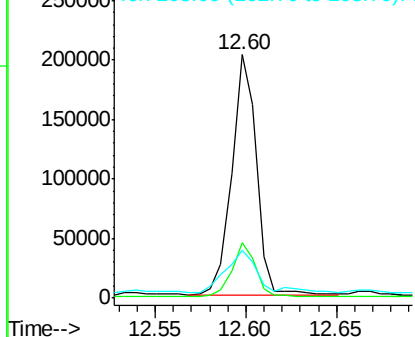


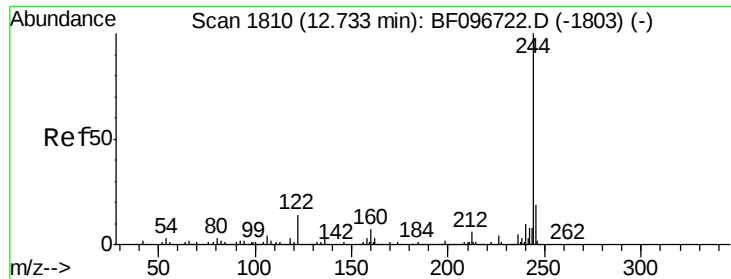
#77
Pyrene
Concen: 8.167 ng
RT: 12.60 min Scan# 1804
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	189368		
200	22.6	17.6	26.4	
203	19.5	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: 18.494 ng

RT: 12.74 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

Instrument :

BNA_F

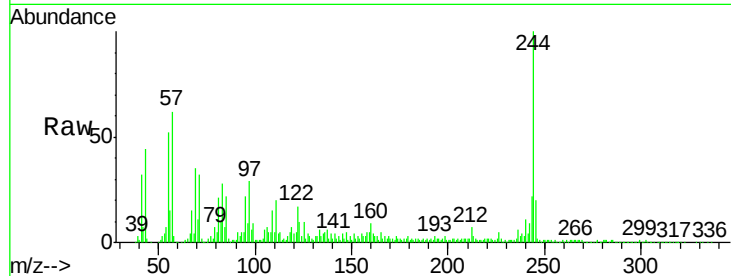
ClientSampleId :

E2-05-BASE

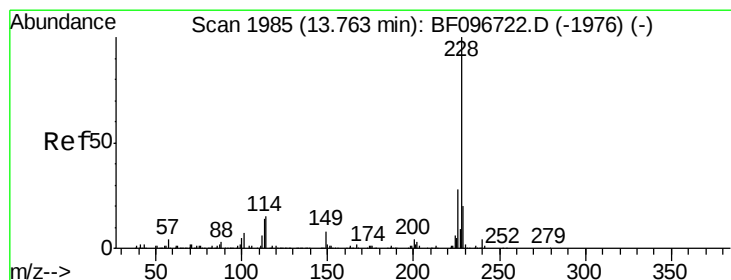
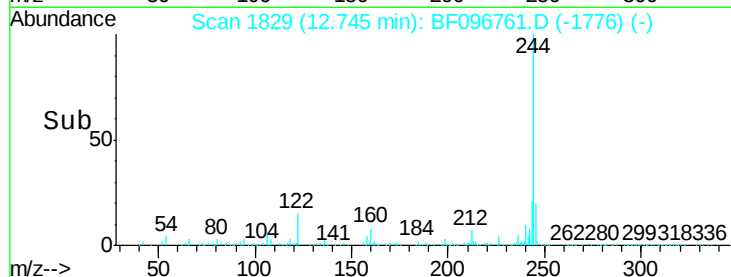
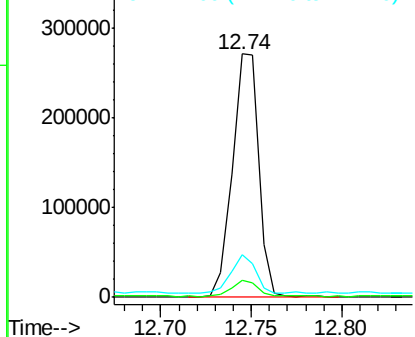
Tgt Ion:	244	Resp:	272461
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	17.3	10.3	15.5#

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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



#80

Benzo(a)anthracene

Concen: 5.911 ng

RT: 13.79 min Scan# 2006

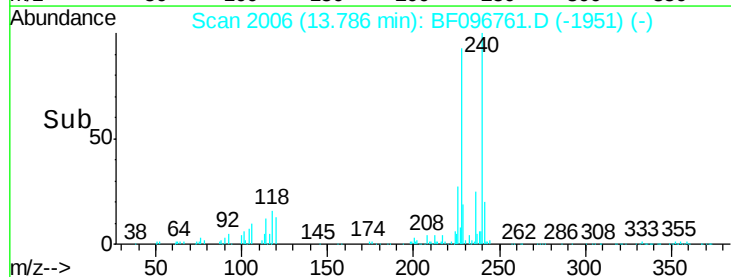
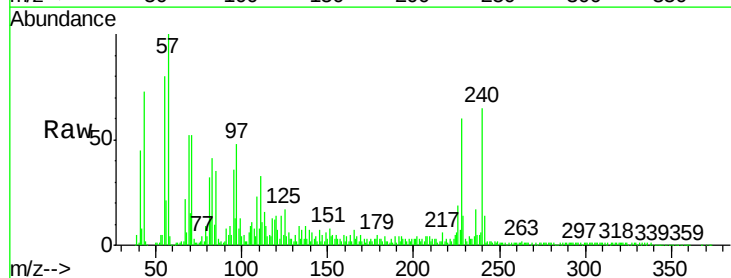
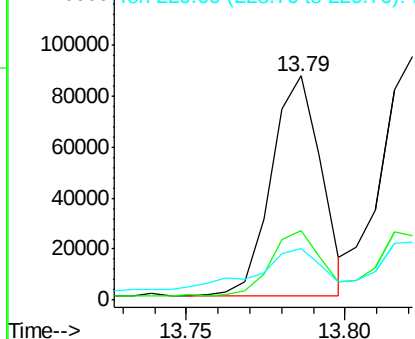
Delta R.T. 0.02 min

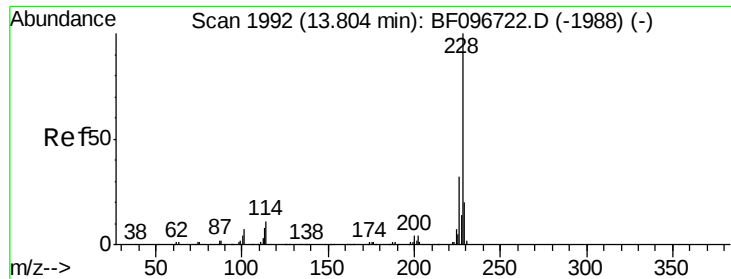
Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

Tgt Ion:	228	Resp:	94093
Ion Ratio	Lower	Upper	
228	100		
226	31.1	22.6	33.8
229	23.1	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 5.853 ng m

RT: 13.82 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

Instrument :

BNA_F

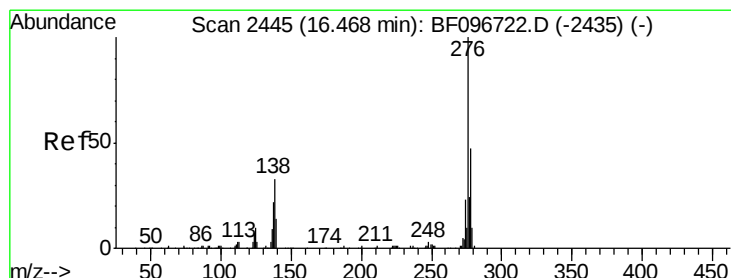
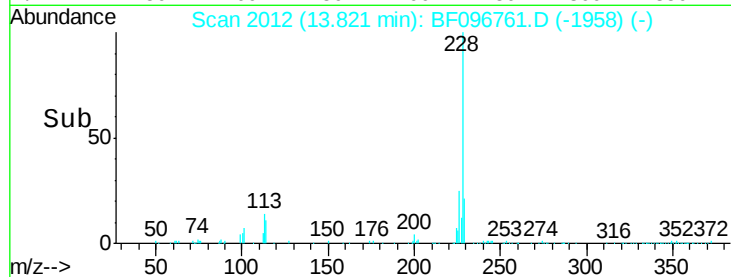
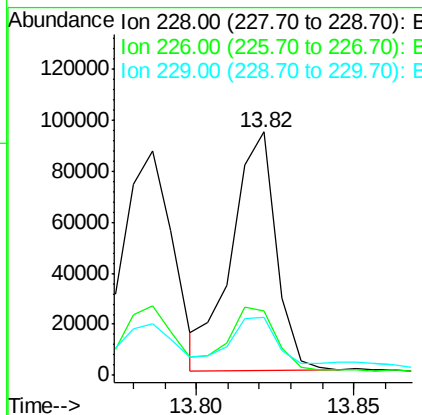
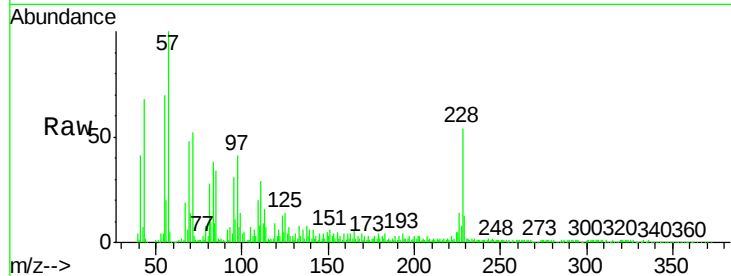
ClientSampleId :

E2-05-BASE

Tgt Ion:	228	Resp:	91731
Ion Ratio	Lower	Upper	
228	100		
226	26.7	24.9	37.3
229	24.1	15.8	23.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.202 ng

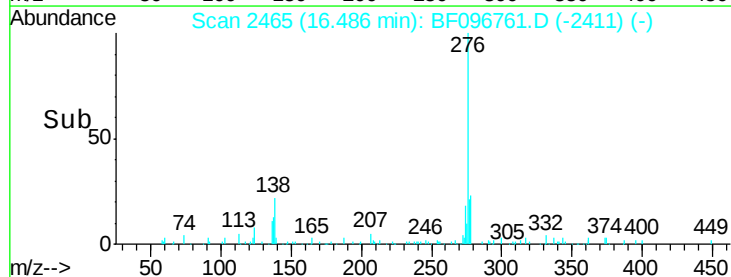
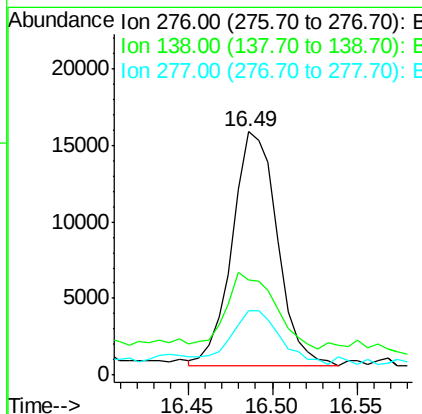
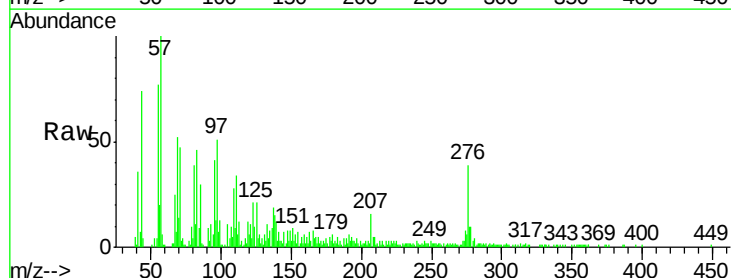
RT: 16.49 min Scan# 2465

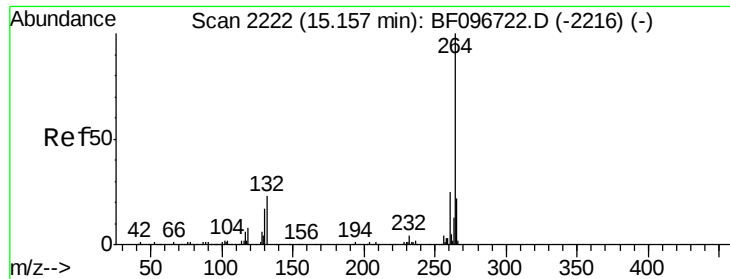
Delta R.T. 0.02 min

Lab File: BF096761.D

Acq: 14 Jul 2017 6:55

Tgt Ion:	276	Resp:	28269
Ion Ratio	Lower	Upper	
276	100		
138	35.2	27.8	41.6
277	25.1	20.2	30.4





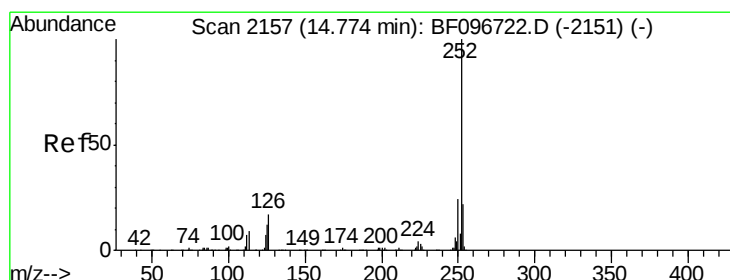
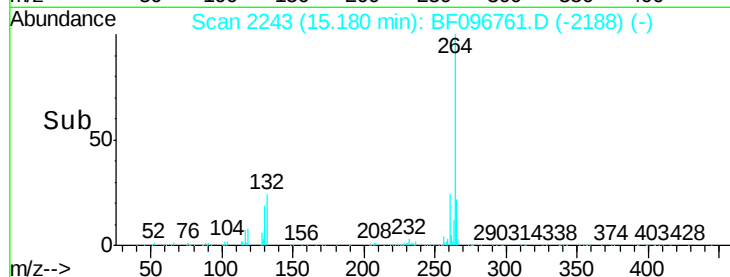
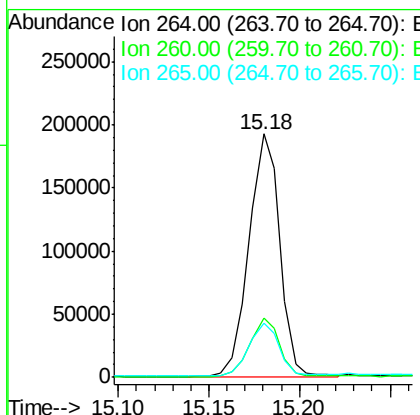
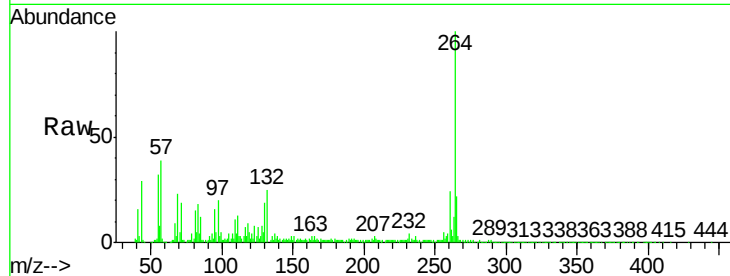
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	17.2	25.8

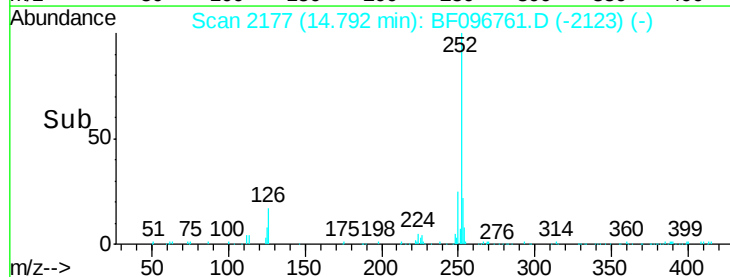
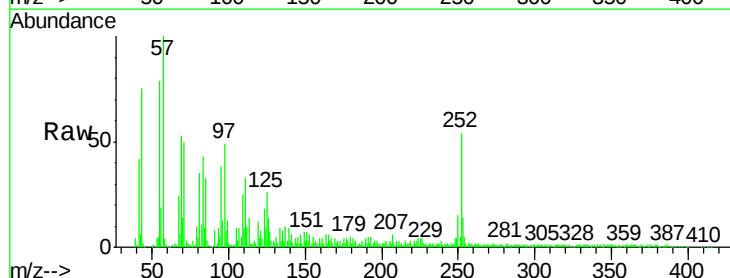
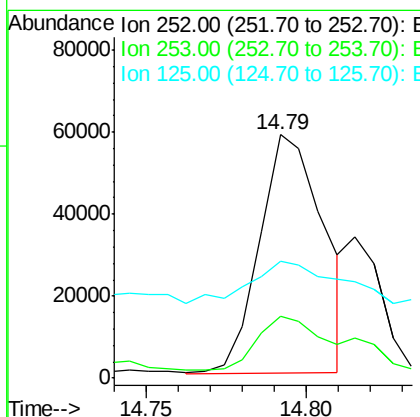
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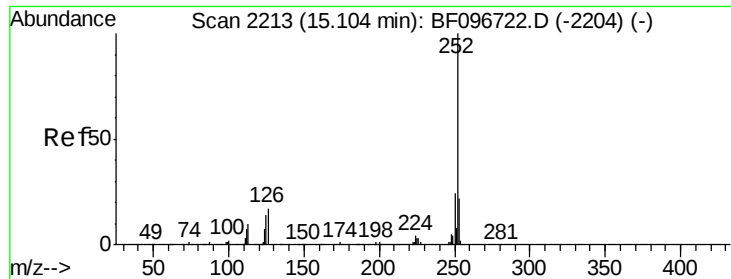
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#87
Benzo(b)fluoranthene
Concen: 5.935 ng m
RT: 14.79 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	47.9	9.8	14.8#





#89
Benzo(a)pyrene
Concen: 4.370 ng
RT: 15.12 min Scan# 2233
Delta R.T. 0.02 min
Lab File: BF096761.D
Acq: 14 Jul 2017 6:55

Instrument :
BNA_F
ClientSampleId :
E2-05-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	45.4	11.0	16.4

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