

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085385.D
 Acq On : 11 Mar 2016 21:27
 Operator : UM/SJ
 Sample : H1758-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-17-20160309

Manual Integrations
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UMANGI
 3/14/2016 10:45:31 AM

Quant Time: Mar 14 02:56:56 2016
 Quant Title :
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141184	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	526531	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	231357	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	356241	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	270564	20.00	ng	-0.05
86) Perylene-d12	15.57	264	271917	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	743535	88.34	ng	-0.05
7) Phenol-d6	6.56	99	1162887	105.45	ng	-0.05
23) Nitrobenzene-d5	7.50	82	735411	74.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	117498	59.35	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1158218	76.14	ng	-0.05
78) Terphenyl-d14	13.05	244	768557	65.94	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	108712	6.12	ng	98
70) Phenanthrene	11.49	178	310221	16.62	ng	98
71) Anthracene	11.53	178	61954	3.13	ng	97
74) Fluoranthene	12.68	202	326090	17.40	ng	98
77) Pyrene	12.90	202	318516	15.64	ng	97
80) Benzo(a)anthracene	14.09	228	160637	9.92	ng	98
82) Chrysene	14.13	228	117089	7.83	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	64483	5.52	ng	92
87) Benzo(b)fluoranthene	15.15	252	154119m	8.50	ng	
88) Benzo(k)fluoranthene	15.16	252	58073m	3.97	ng	
89) Benzo(a)pyrene	15.51	252	120504	8.02	ng	# 92
91) Benzo(g,h,i)perylene	17.47	276	62179	4.82	ng	96

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

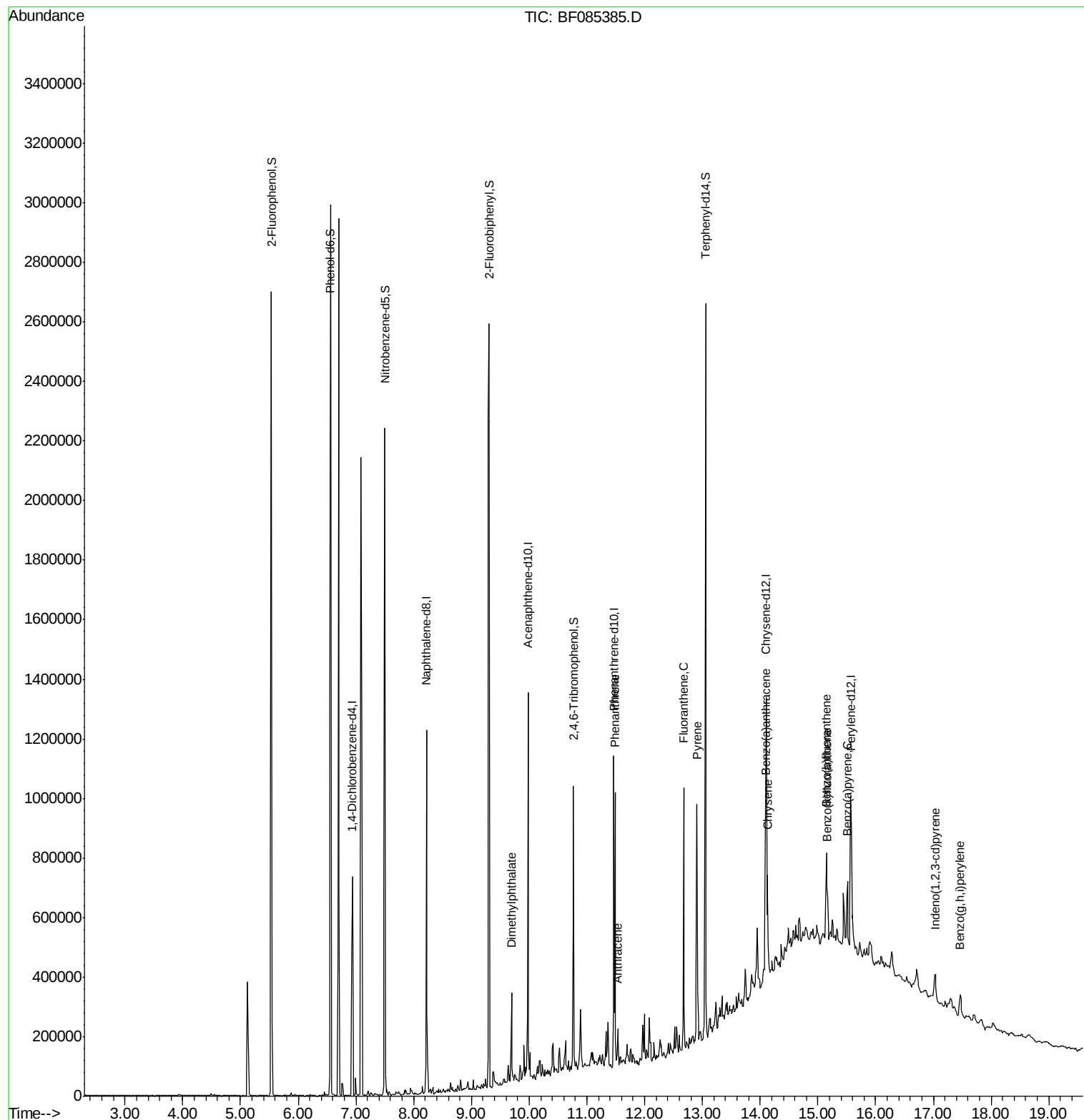
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085385.D
Acq On : 11 Mar 2016 21:27
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Sample : H1758-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

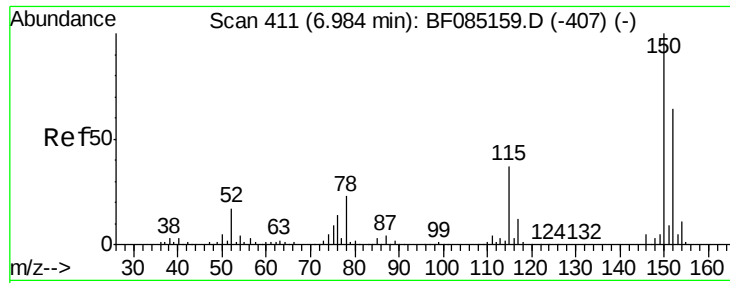
Instrument :
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Quant Time: Mar 14 02:56:56 2016
Quant Title :
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

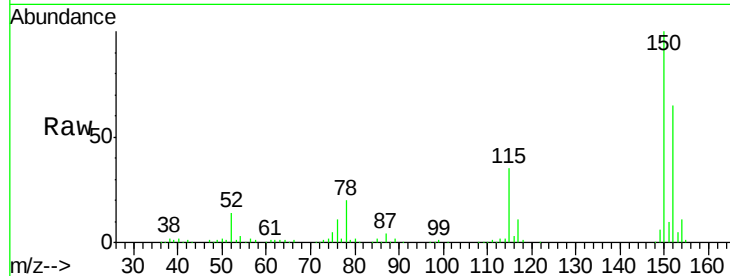




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

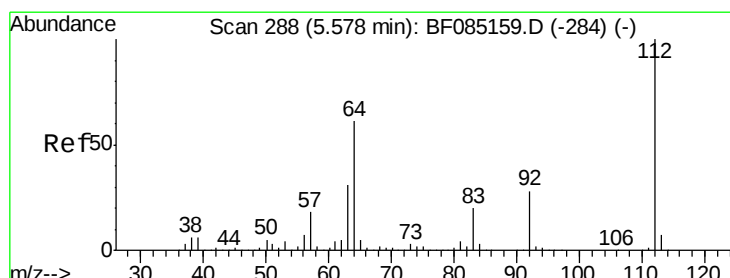
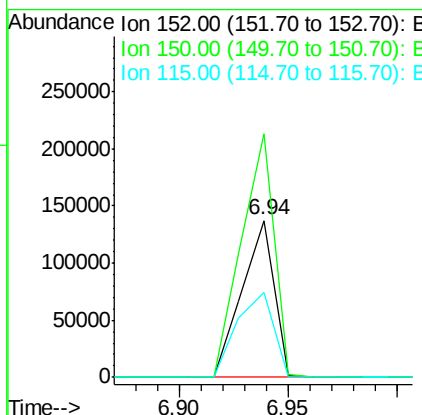
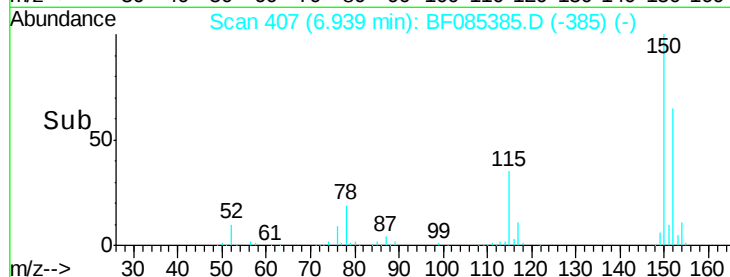
Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	54.2	46.6	70.0

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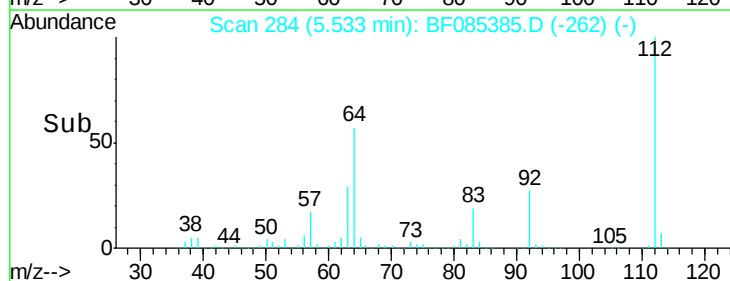
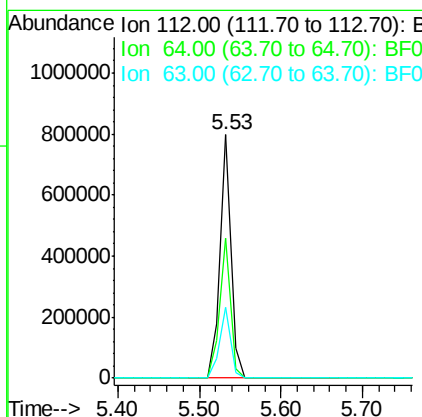
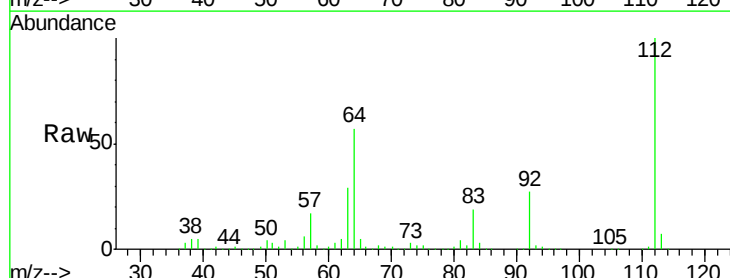
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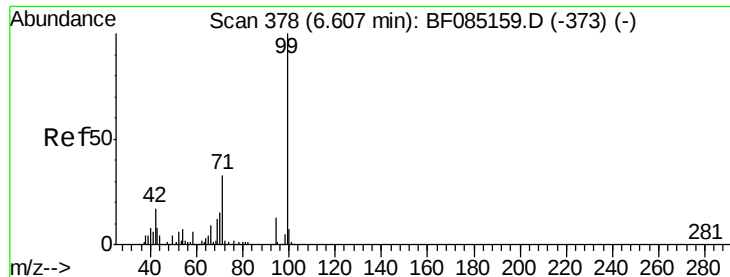


#5

2-Fluorophenol
Concen: 88.34 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.0	73.4
63	29.2	24.8	37.2





#7

Phenol-d6

Concen: 105.45 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Instrument :

BNA_F

ClientSampleId :

POST-EX-17-20160309

Tgt Ion: 99 Resp: 1162887

Ion Ratio Lower Upper

99 100

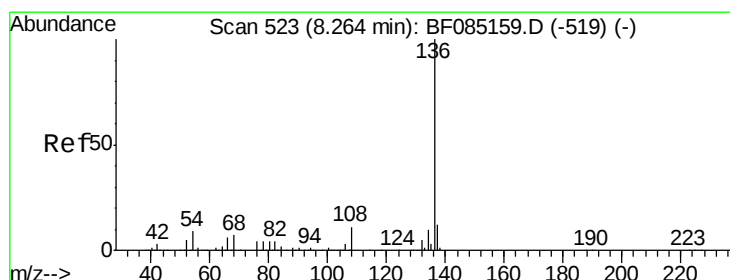
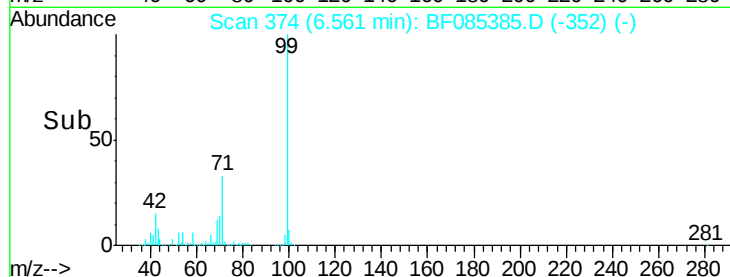
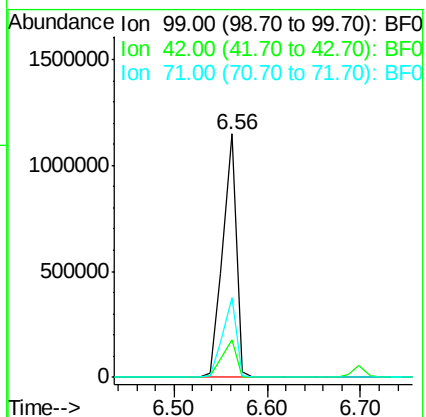
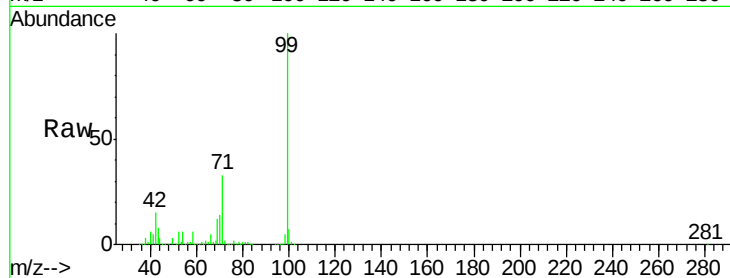
42 15.4 13.6 20.4

71 32.6 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Tgt Ion: 136 Resp: 526531

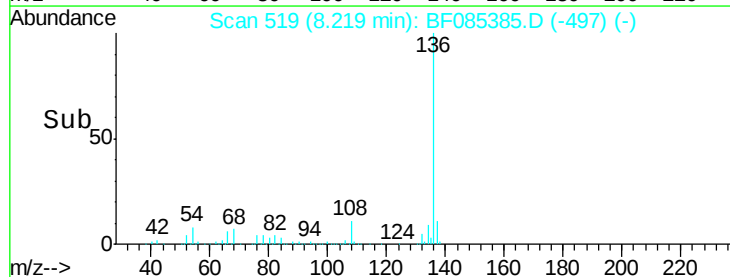
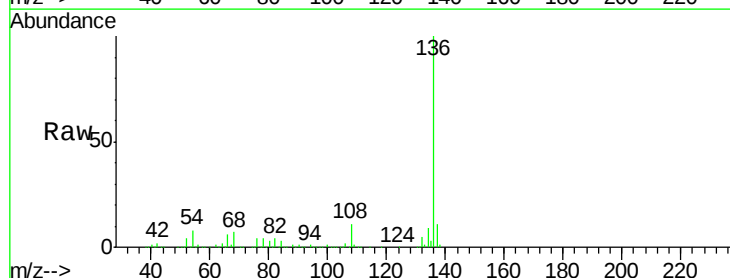
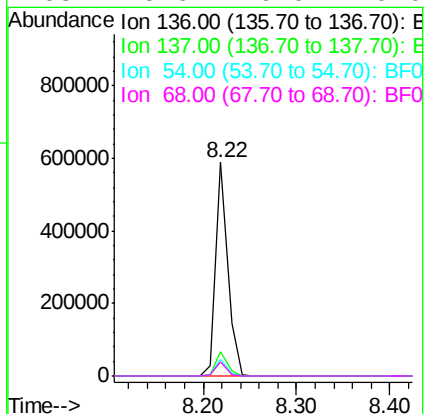
Ion Ratio Lower Upper

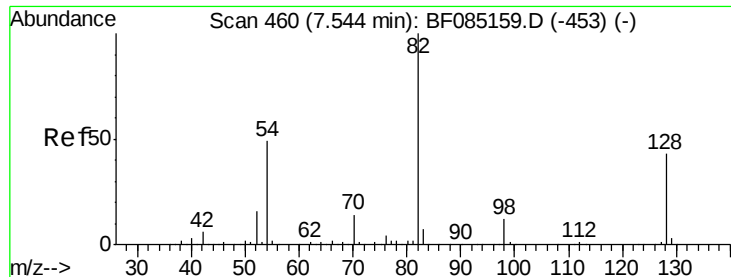
136 100

137 11.4 9.3 13.9

54 8.1 7.4 11.2

68 6.6 6.0 9.0





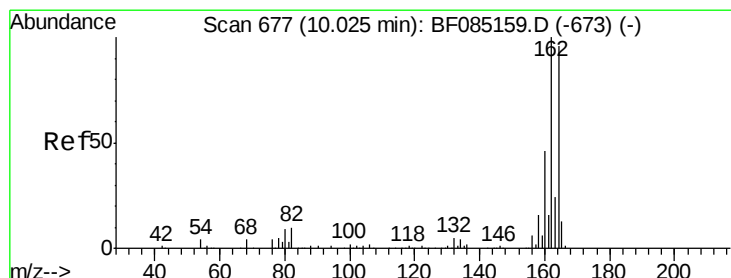
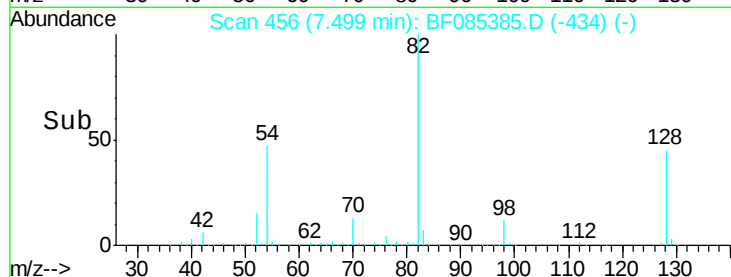
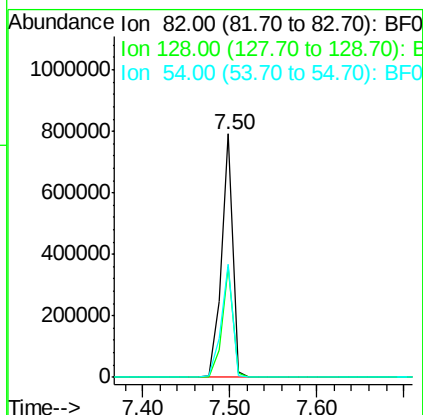
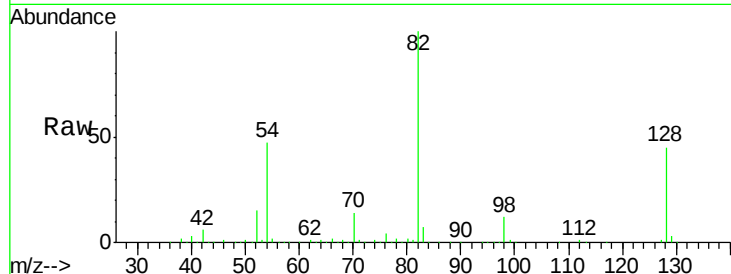
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-17-20160309

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	46.6	39.3	58.9

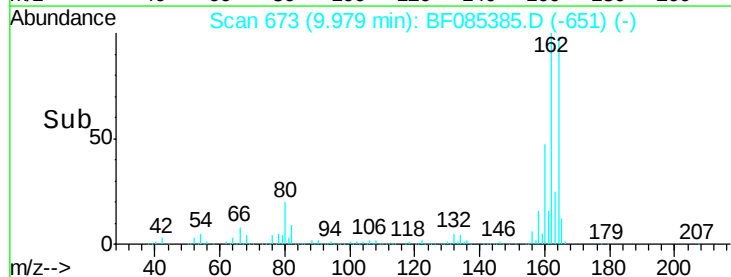
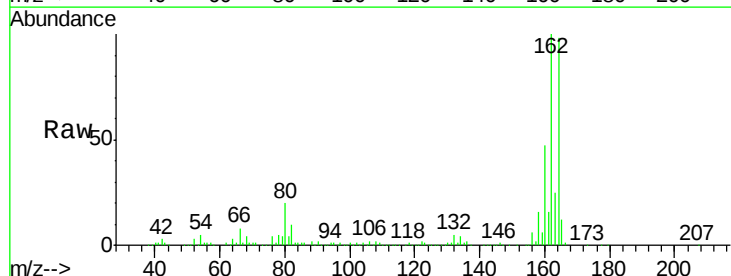
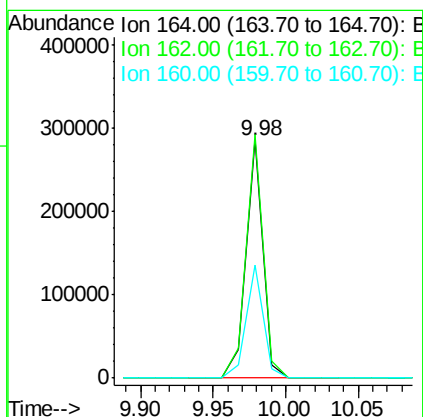
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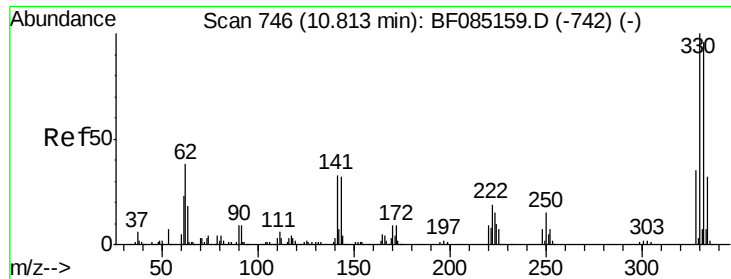
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

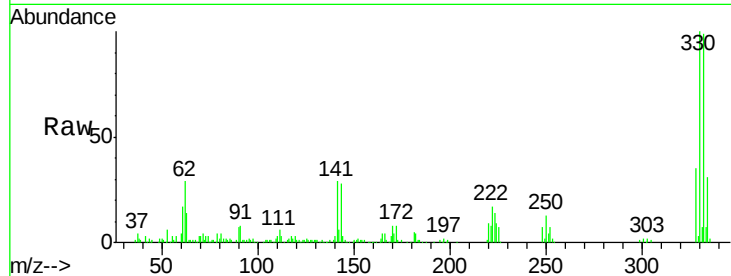
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.3	124.9
160	47.6	37.9	56.9





#41
 2,4,6-Tribromophenol
 Concen: 59.35 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

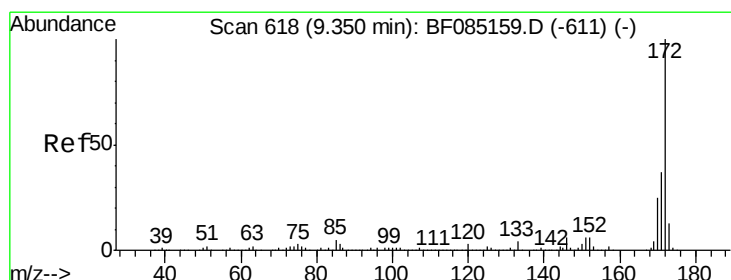
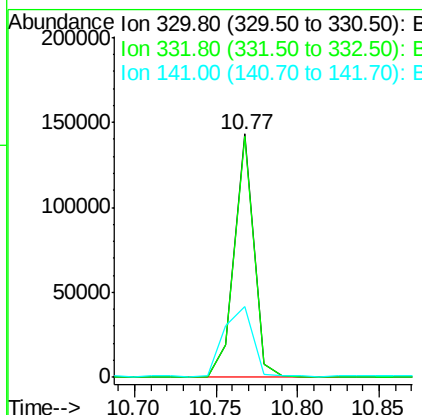
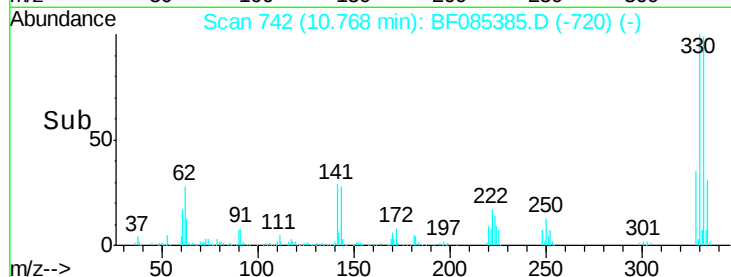
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117498		
332	99.4	77.1	115.7	
141	42.9	35.0	52.6	

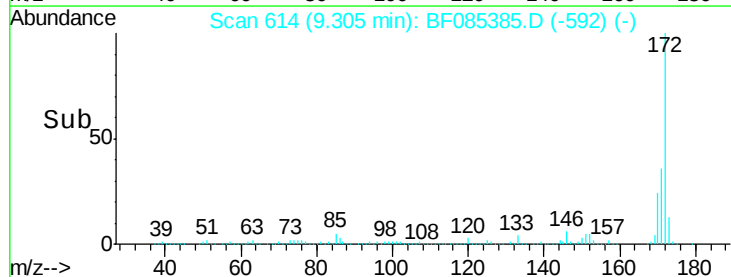
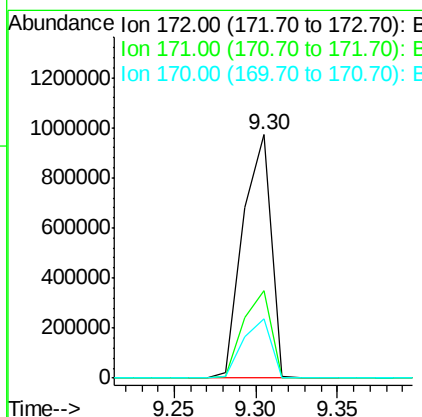
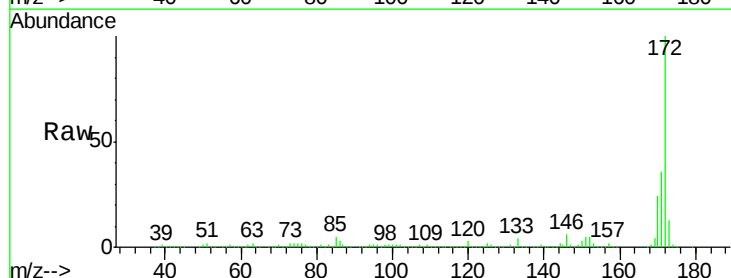
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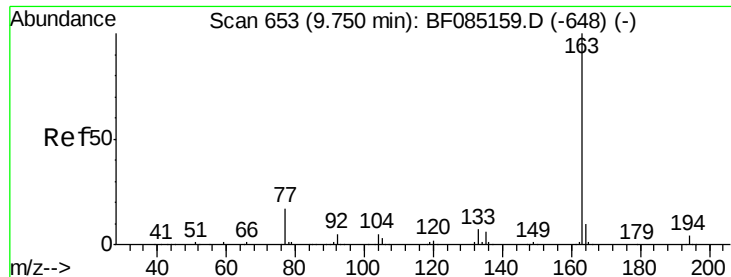
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#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1158218		
171	36.1	29.3	43.9	
170	24.2	20.0	30.0	





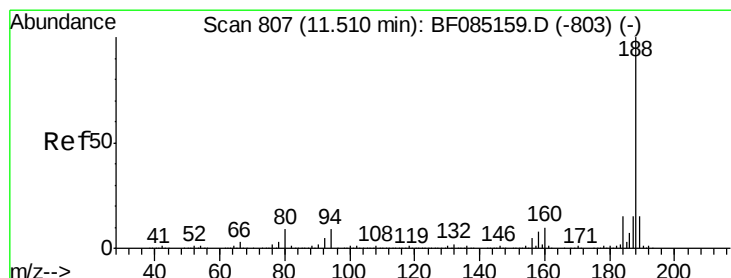
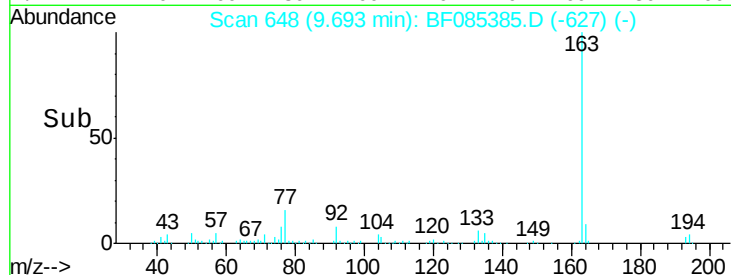
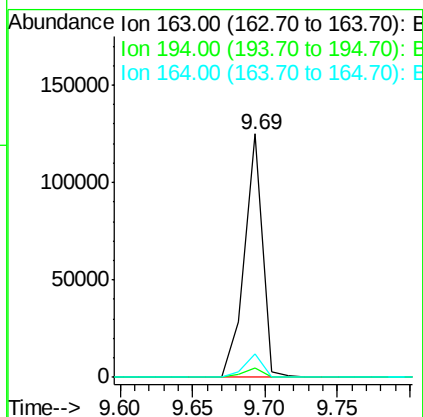
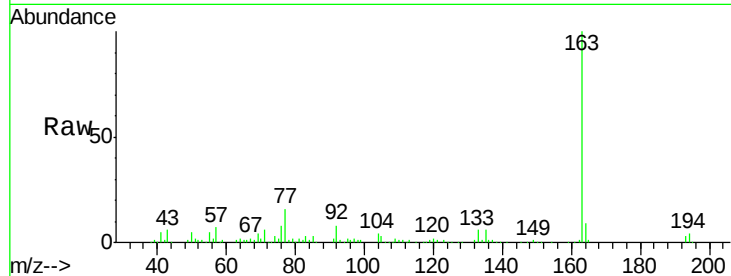
#49
Dimethylphthalate
Concen: 6.12 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.1	4.7
164	9.4	8.2	12.4

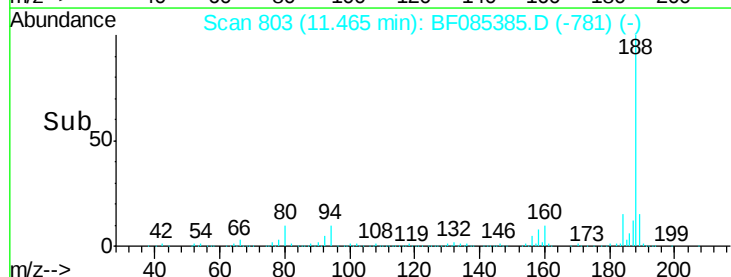
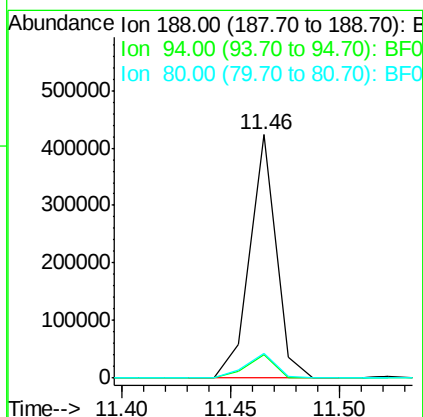
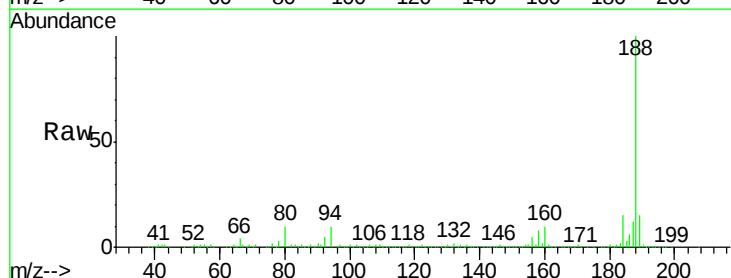
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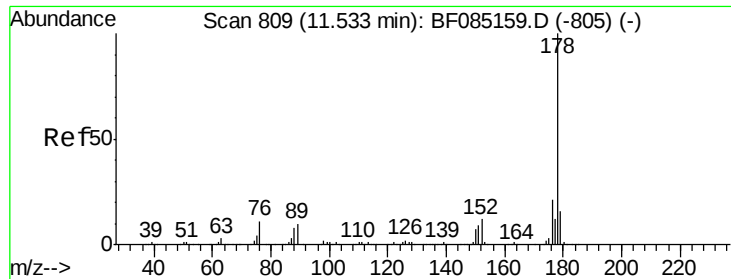
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	7.0	10.6
80	10.2	7.4	11.0





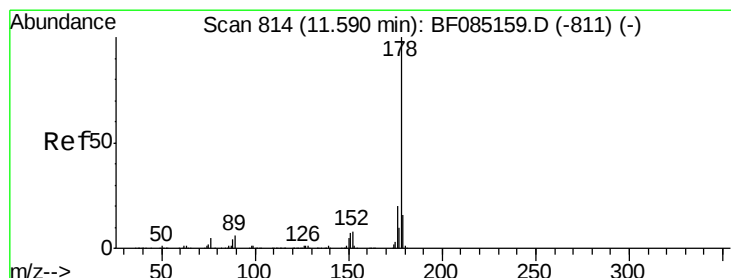
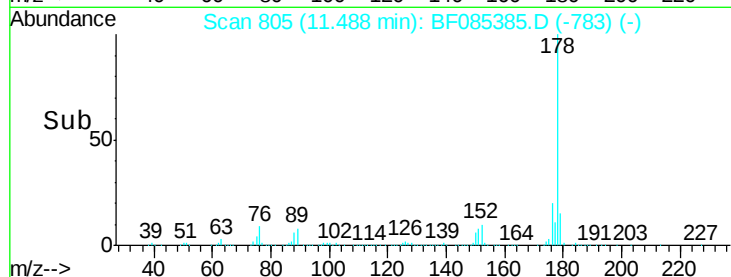
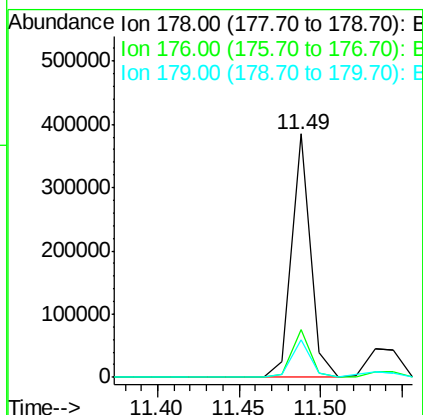
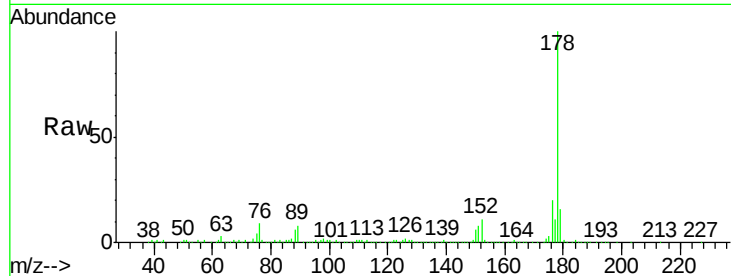
#70
Phenanthrene
Concen: 16.62 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.8	25.2
179	15.5	13.1	19.7

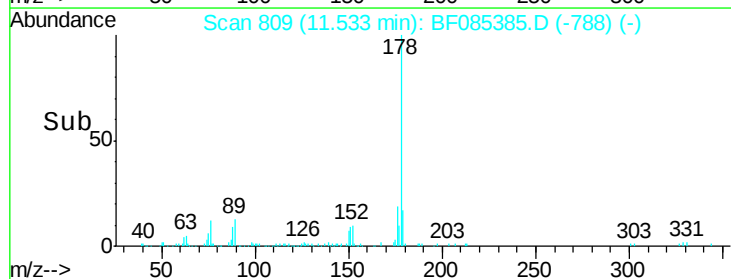
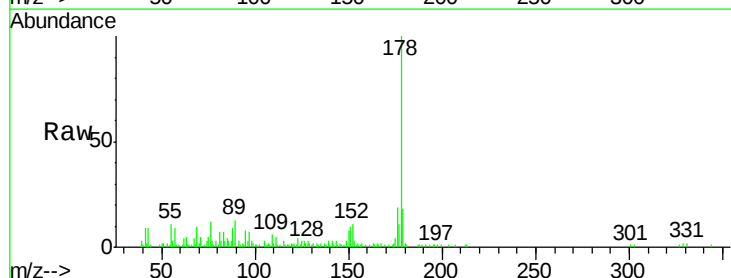
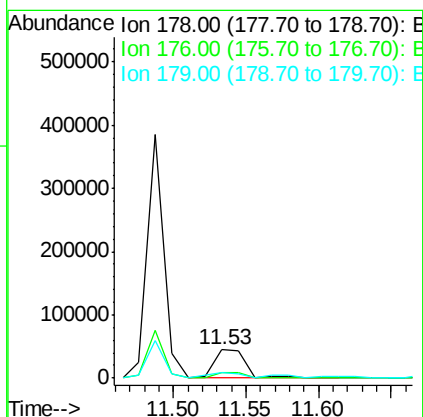
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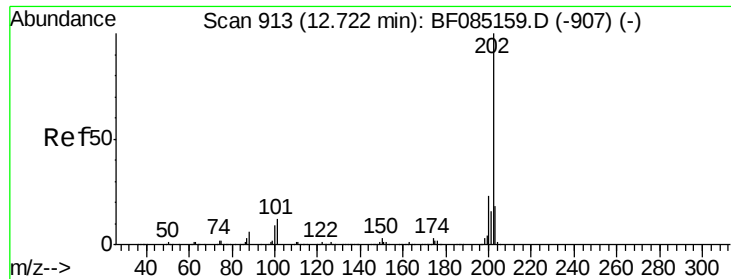
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#71
Anthracene
Concen: 3.13 ng
RT: 11.53 min Scan# 809
Delta R.T. -0.06 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	17.8	12.5	18.7





#74

Fluoranthene

Concen: 17.40 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Instrument :

BNA_F

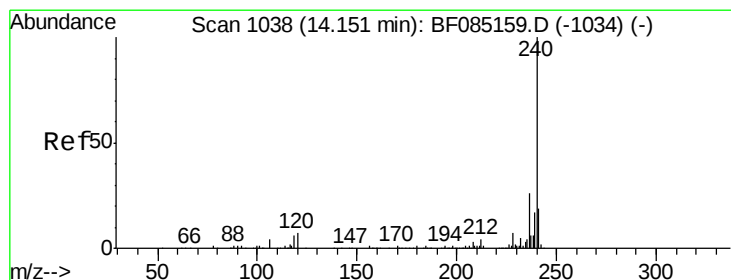
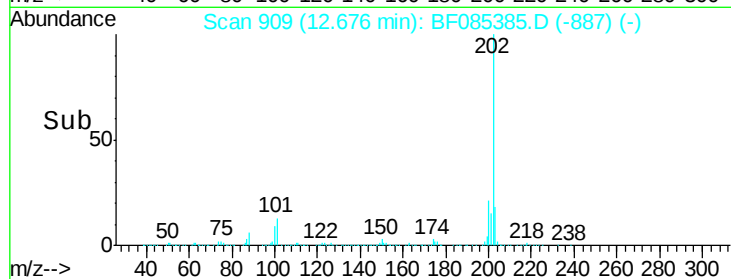
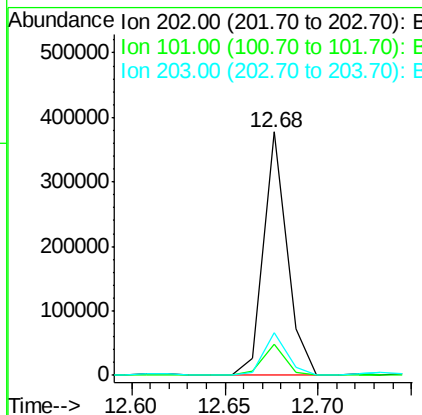
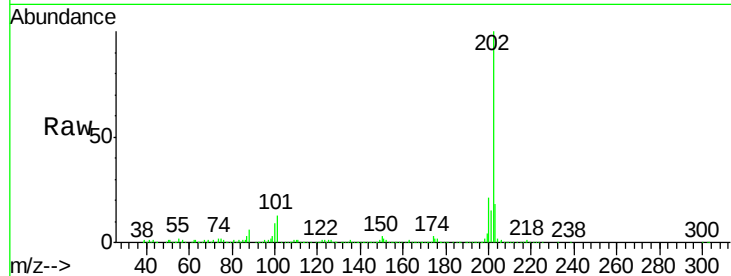
ClientSampleId :

POST-EX-17-20160309

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		326090		
101	13.0	0.0	31.8		
203	17.7	0.0	38.4		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

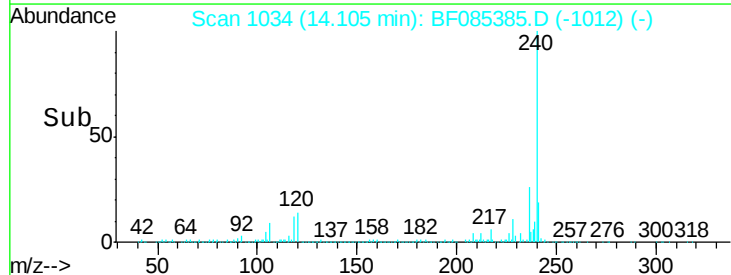
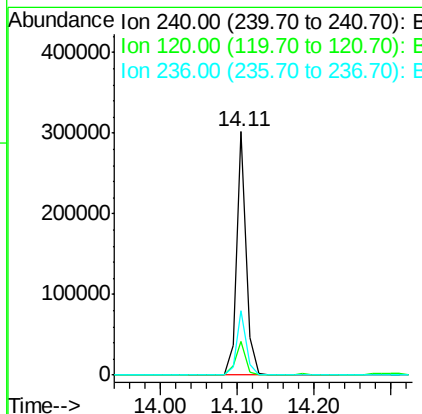
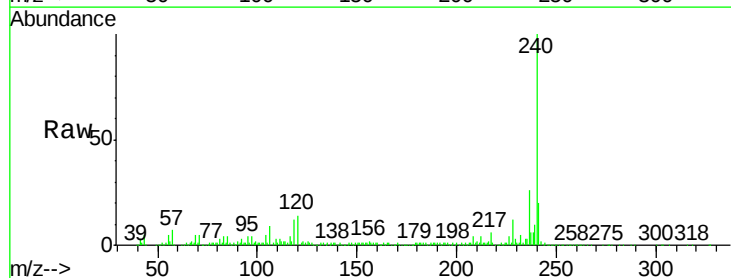
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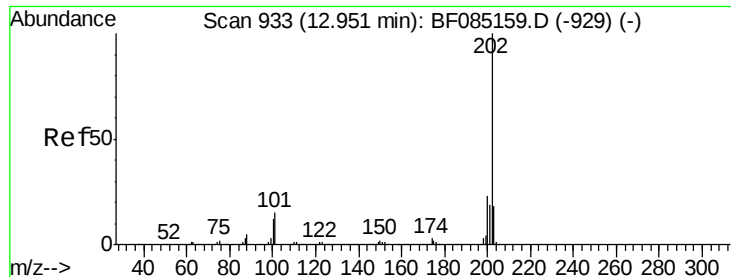
Delta R.T. -0.05 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		270564		
120	14.0	5.3	7.9#		
236	26.4	20.7	31.1		





#77

Pyrene

Concen: 15.64 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Instrument :

BNA_F

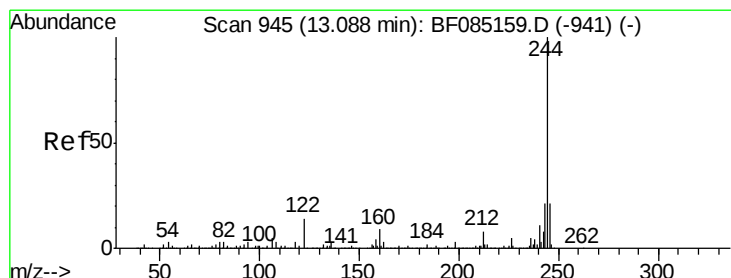
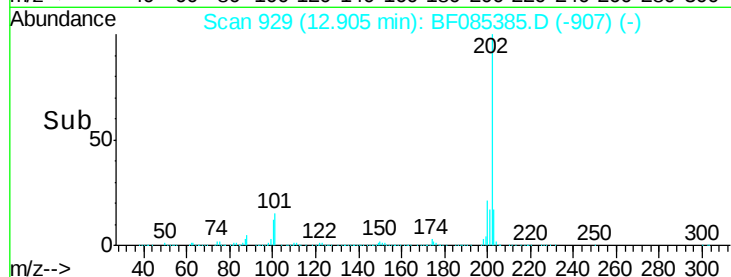
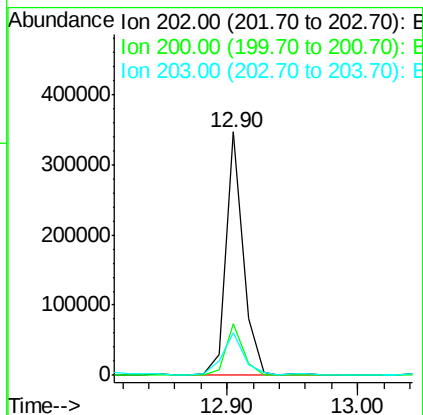
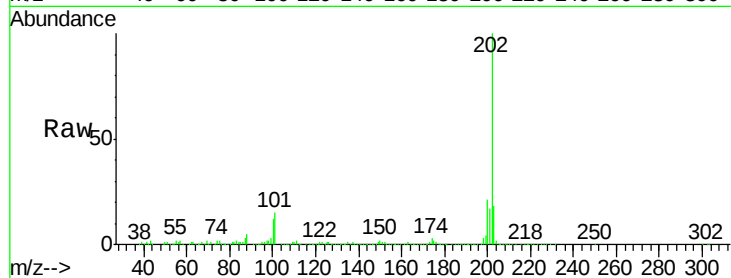
ClientSampleId :

POST-EX-17-20160309

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	318516		
200	21.1	18.2	27.4	
203	17.6	14.7	22.1	

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#78

Terphenyl-d14

Concen: 65.94 ng

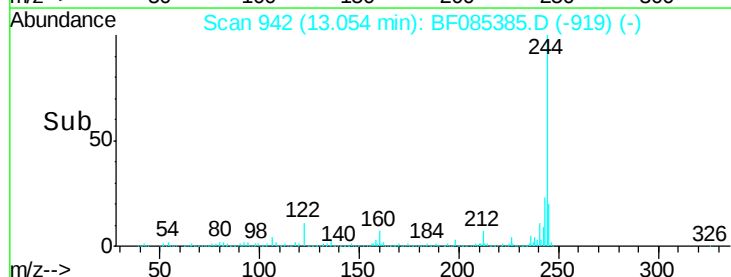
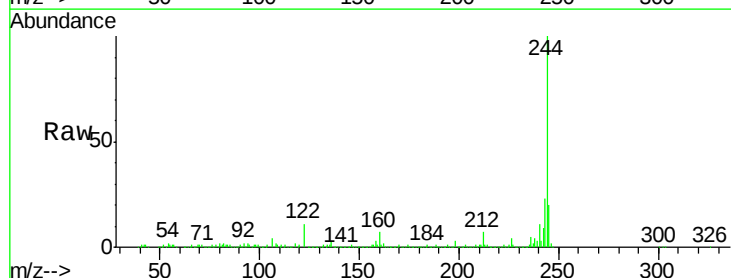
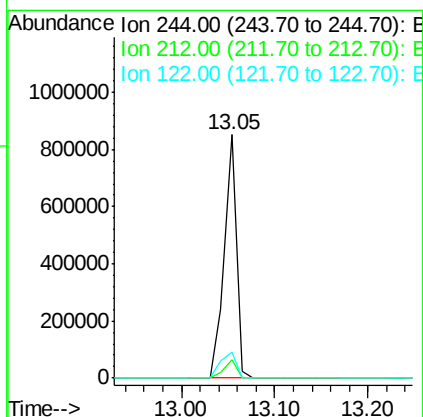
RT: 13.05 min Scan# 942

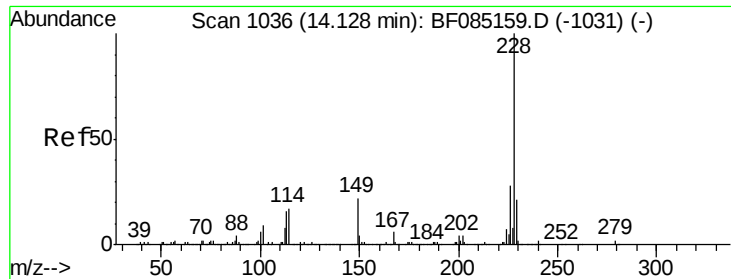
Delta R.T. -0.03 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	768557		
212	7.4	6.4	9.6	
122	10.9	11.4	17.2	





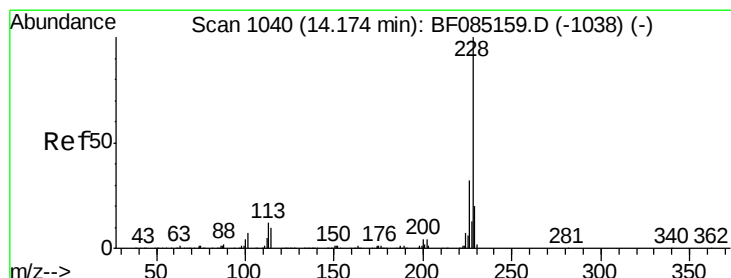
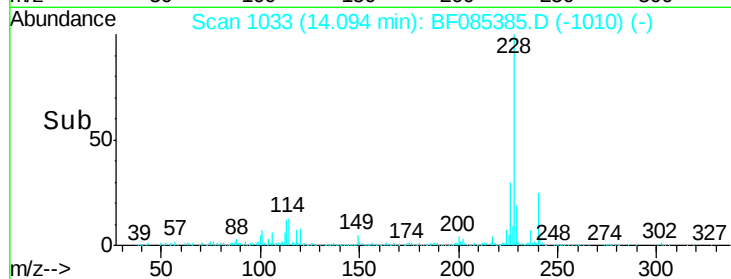
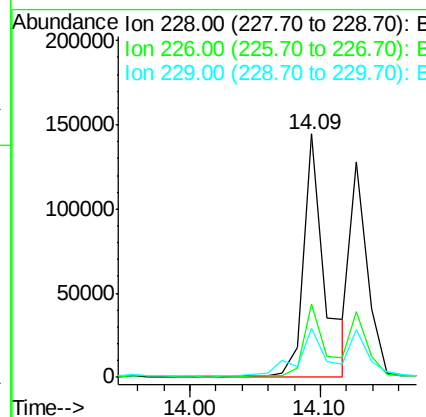
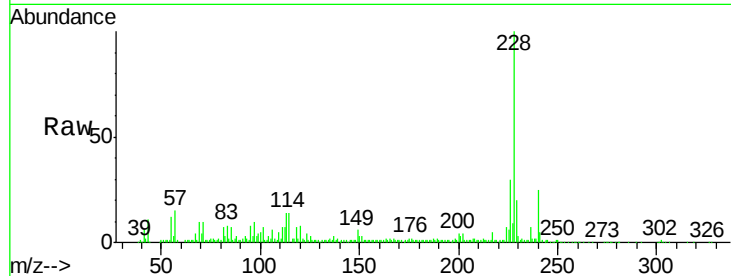
#80
Benzo(a)anthracene
Concen: 9.92 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	19.9	16.6	24.8

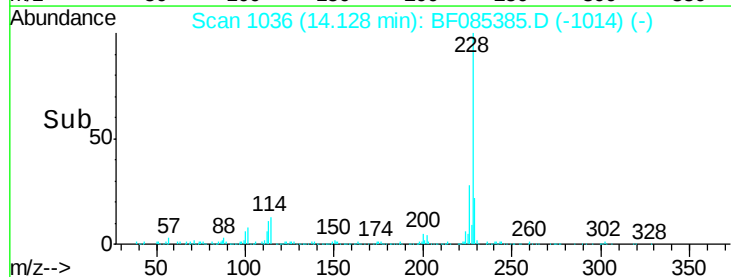
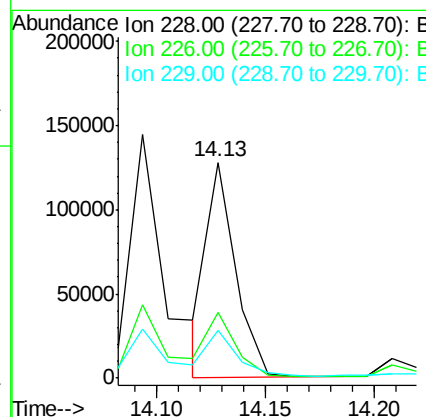
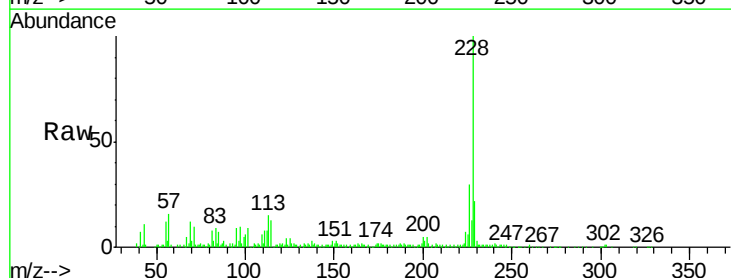
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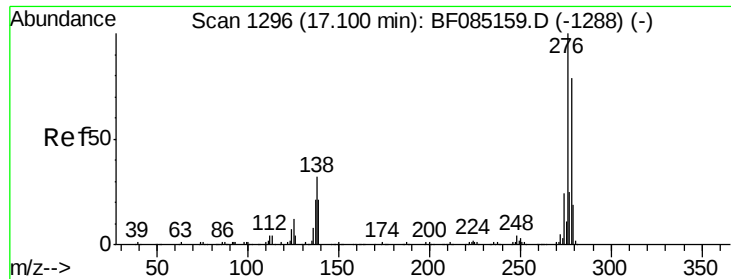
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#82
Chrysene
Concen: 7.83 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	22.2	16.0	24.0





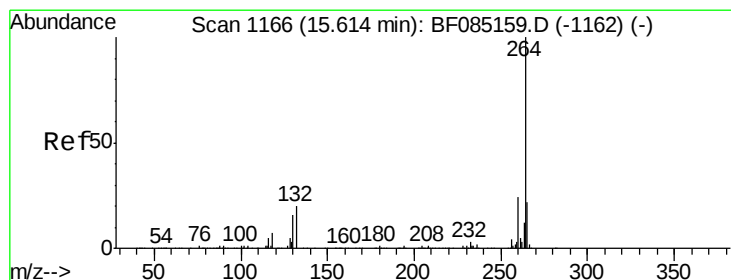
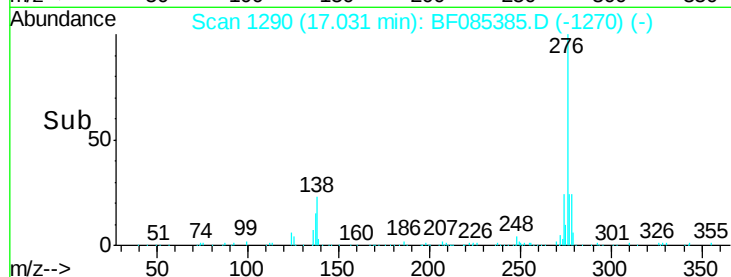
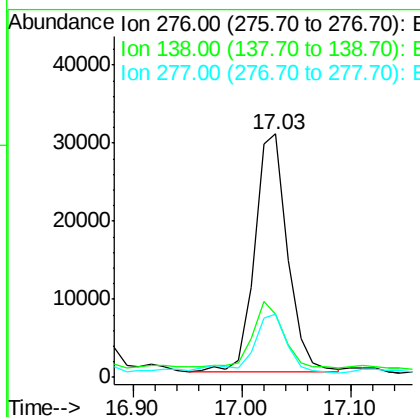
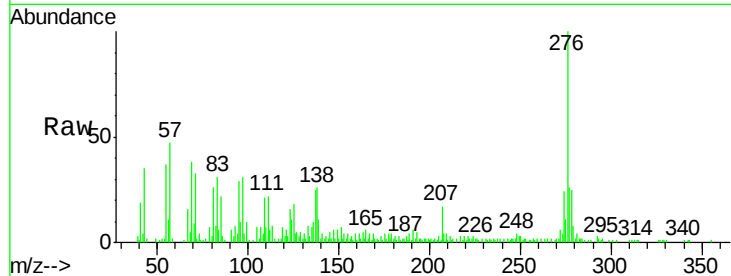
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.52 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-17-20160309

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	26.4	39.6
277	28.4	20.2	30.2

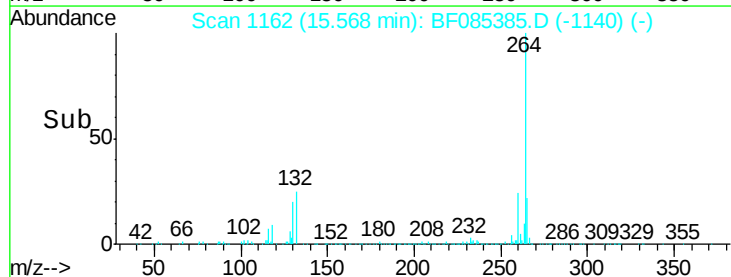
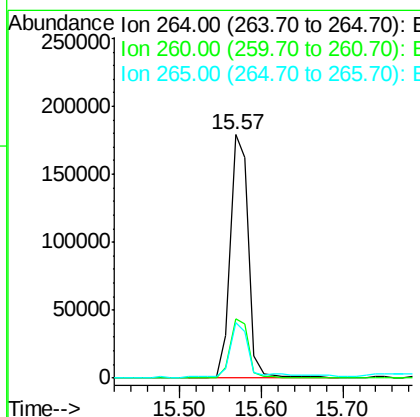
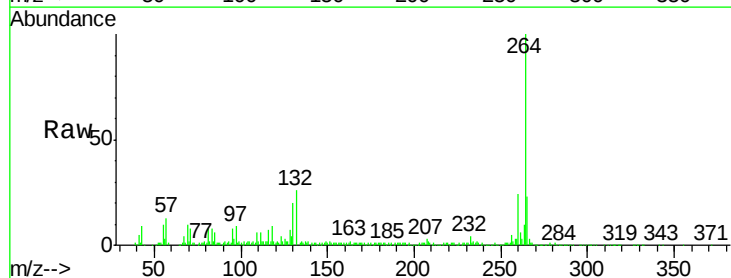
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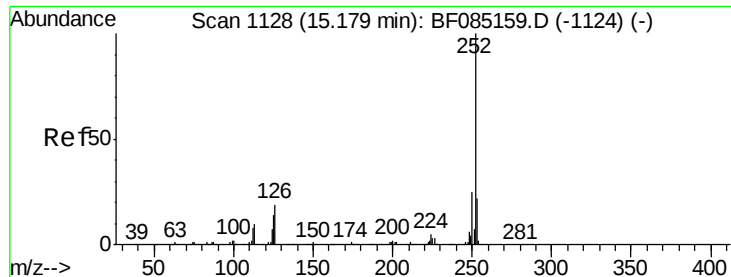
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085385.D
 Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 8.50 ng m

RT: 15.15 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF085385.D

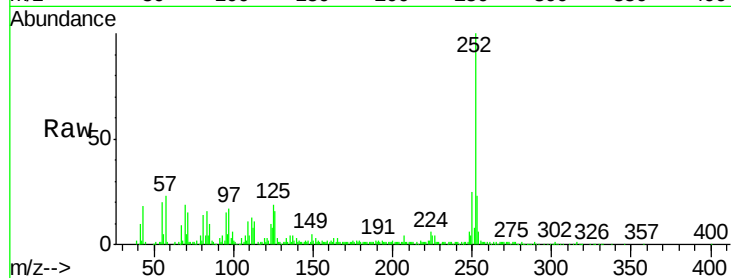
Acq: 11 Mar 2016 21:27

Instrument :

BNA_F

ClientSampleId :

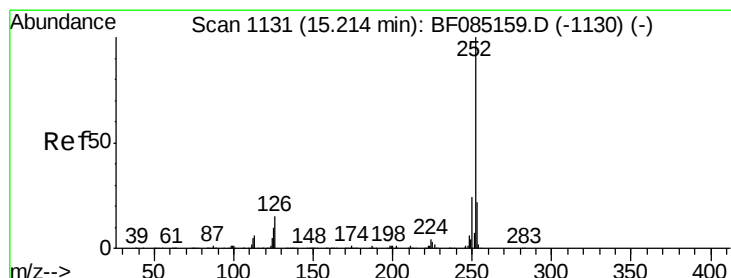
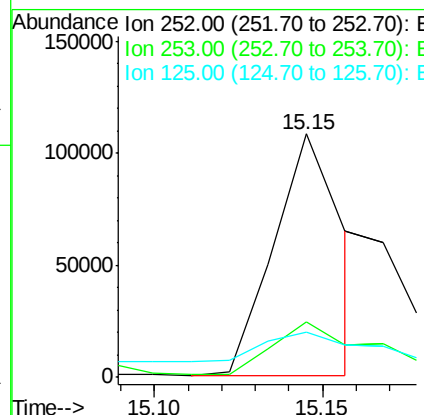
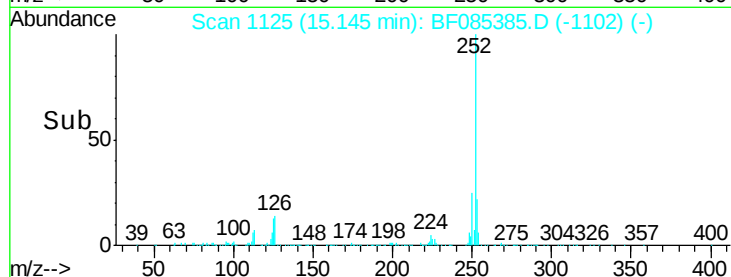
POST-EX-17-20160309



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	18.8	11.3	16.9

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#88

Benzo(k)fluoranthene

Concen: 3.97 ng m

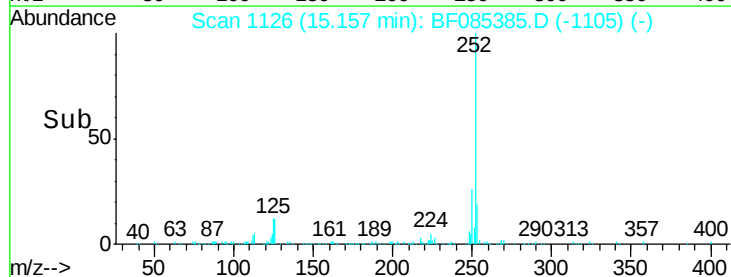
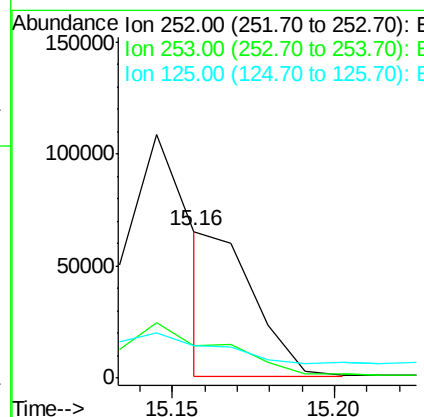
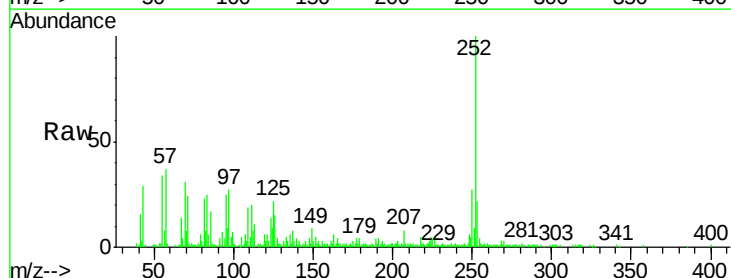
RT: 15.16 min Scan# 1126

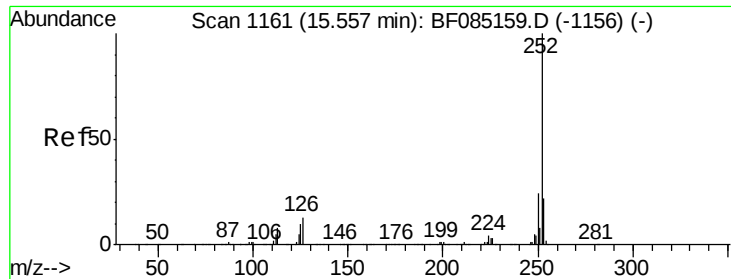
Delta R.T. -0.06 min

Lab File: BF085385.D

Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	22.1	10.4	15.6





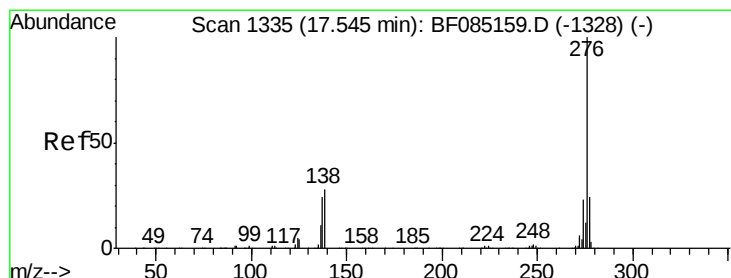
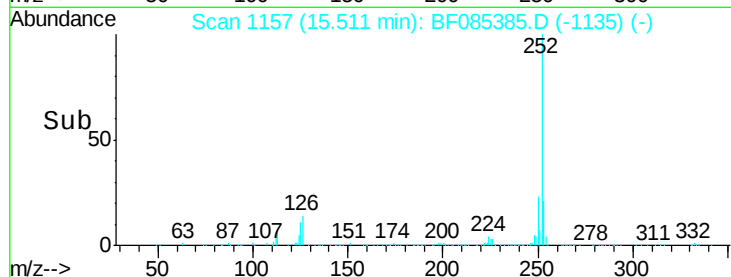
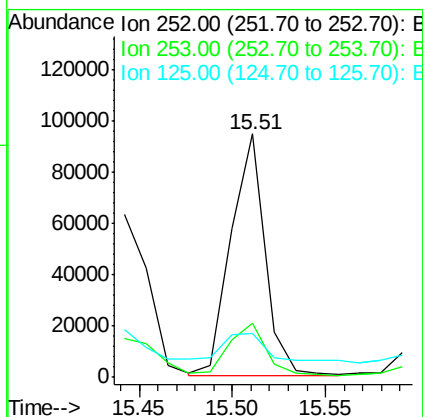
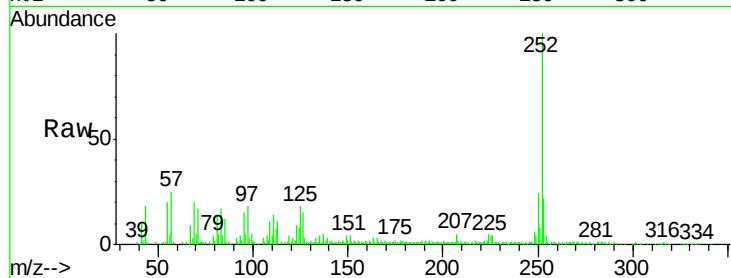
#89
Benzo(a)pyrene
Concen: 8.02 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.4	26.0
125	17.9	8.2	12.4

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#91
Benzo(g,h,i)perylene
Concen: 4.82 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.08 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	19.0	28.4
138	31.0	22.5	33.7

