

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085777.D
 Acq On : 25 Mar 2016 22:41
 Operator : UM/SJ
 Sample : H1855-13 2X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:00:49 PM

Quant Time: Mar 26 00:20:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	133054	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	467284	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	193142	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	302553	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	286164	20.00	ng	0.00
86) Perylene-d12	15.40	264	239945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	35704	4.47	ng	0.01
7) Phenol-d6	6.46	99	49975	4.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	21077	2.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	6539	3.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	37924	3.28	ng	0.00
78) Terphenyl-d14	12.93	244	28266	2.03	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	142939	9.75	ng	99
70) Phenanthrene	11.36	178	73153	4.71	ng	98
74) Fluoranthene	12.55	202	176924	10.71	ng	97
77) Pyrene	12.78	202	173593	7.38	ng	98
80) Benzo(a)anthracene	13.97	228	74677	4.58	ng	95
82) Chrysene	14.00	228	73368m	4.46	ng	
85) Indeno(1,2,3-cd)pyrene	16.78	276	40750	3.21	ng	# 93
87) Benzo(b)fluoranthene	15.00	252	108646m	7.19	ng	
88) Benzo(k)fluoranthene	15.02	252	35662m	2.62	ng	
89) Benzo(a)pyrene	15.34	252	68142m	5.08	ng	
91) Benzo(g,h,i)perylene	17.20	276	35949	2.85	ng	96

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

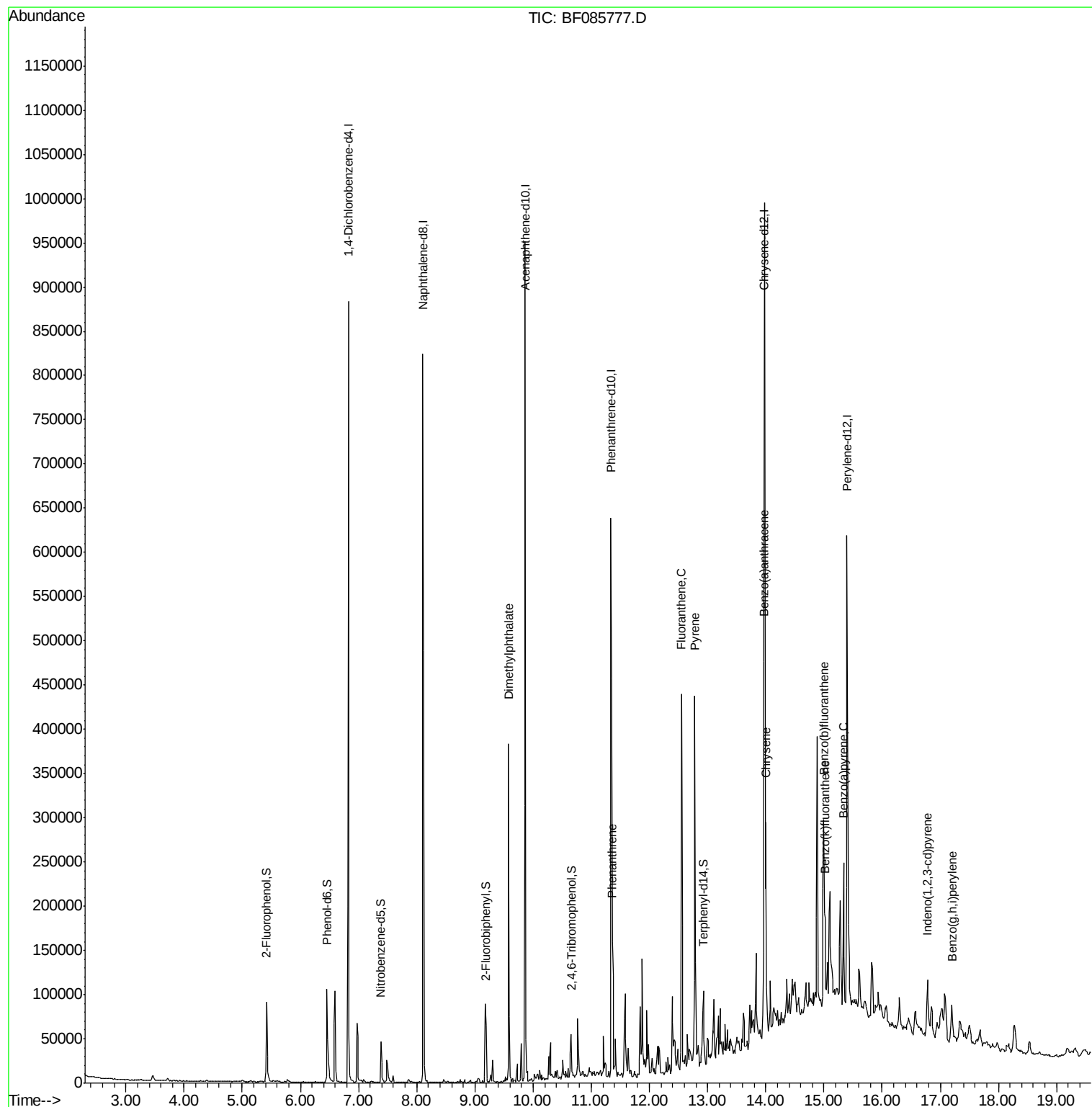
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085777.D
Acq On : 25 Mar 2016 22:41
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Misc :
ALS Vial : 63 Sample Multiplier: 1

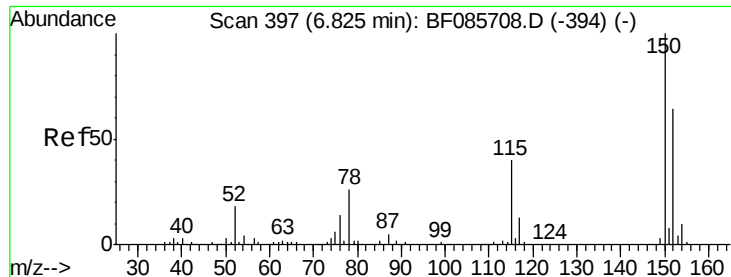
Instrument :
BNA_F
ClientSampleId :
SB-8

Manual Integrations
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3/28/2016 8:00:49 PM

Quant Time: Mar 26 00:20:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

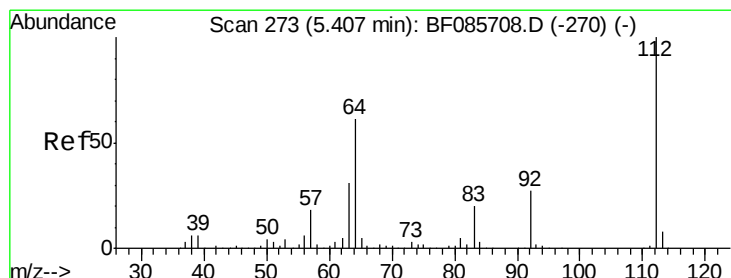
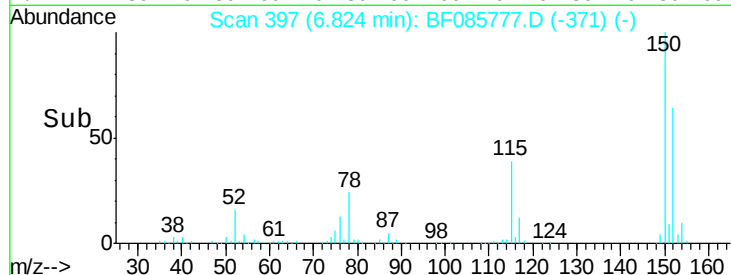
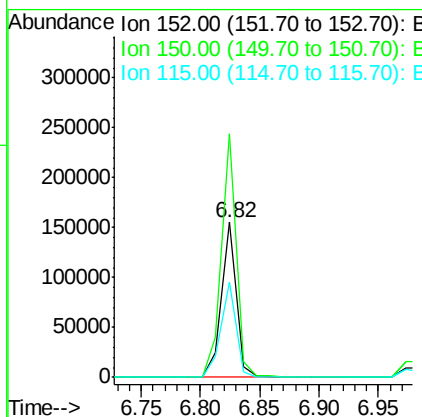
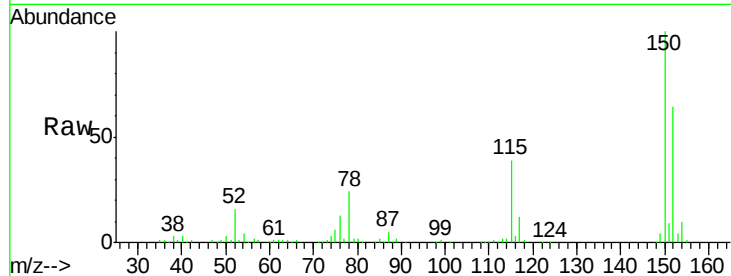
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Instrument :
BNA_F
ClientSampled :
SB-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	61.2	47.0	70.6

Manual Integrations
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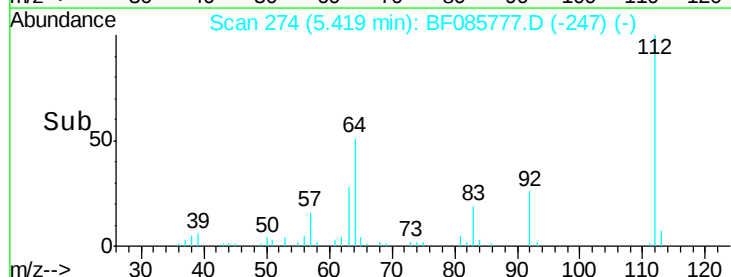
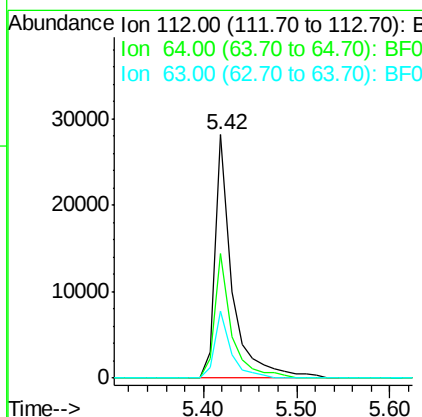
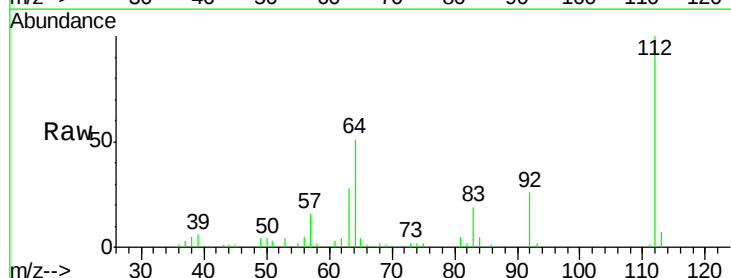
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#5

2-Fluorophenol
Concen: 4.47 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.9	59.9
63	27.7	20.2	30.2





#7

Phenol-d6

Concen: 4.92 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Instrument :

BNA_F

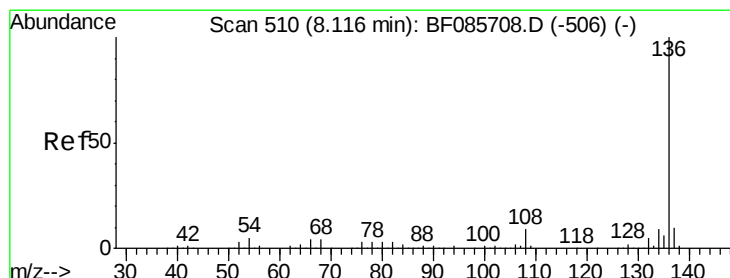
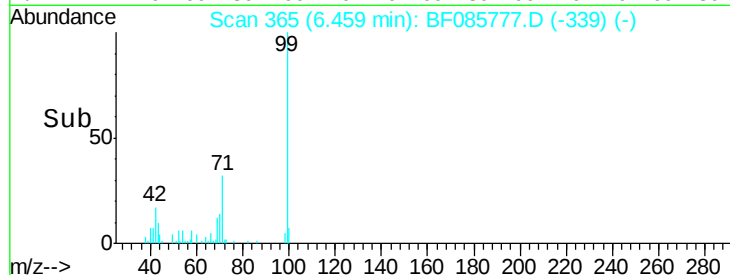
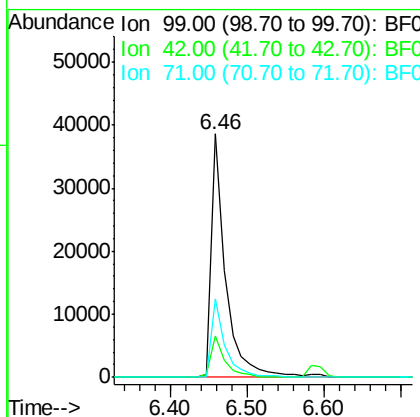
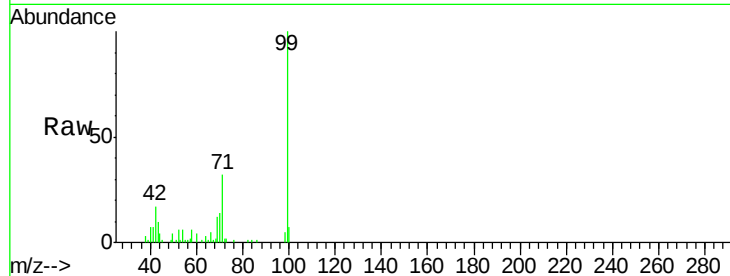
ClientSampled :

SB-8

Tot Ion:	99	Resp:	49975
Ion Ratio	Lower	Upper	
99	100		
42	17.1	11.1	16.7#
71	32.2	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

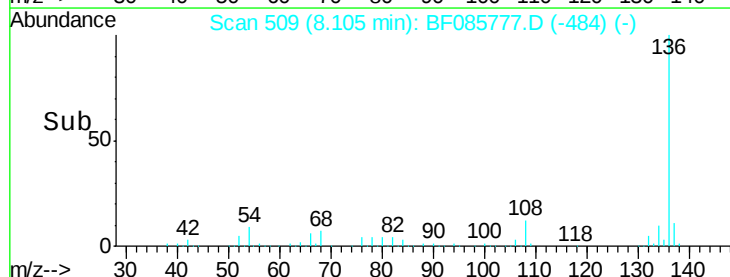
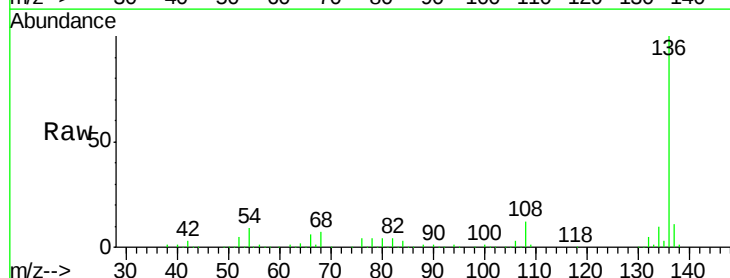
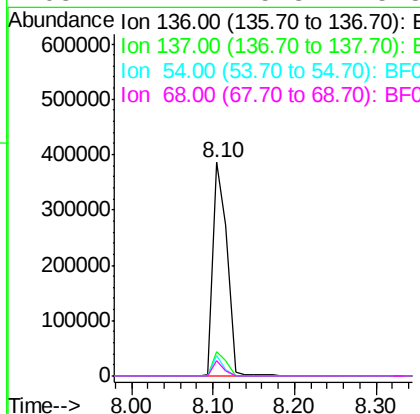
RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Tgt Ion:	136	Resp:	467284
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.3	7.4	11.0
68	7.4	5.8	8.8





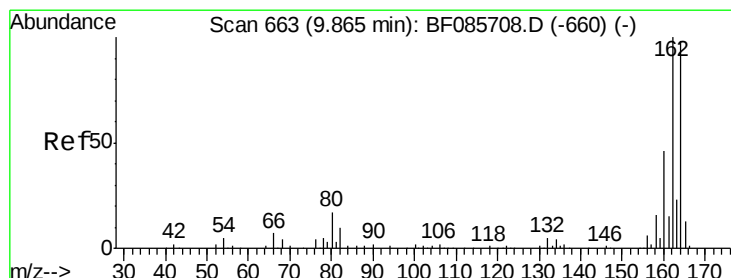
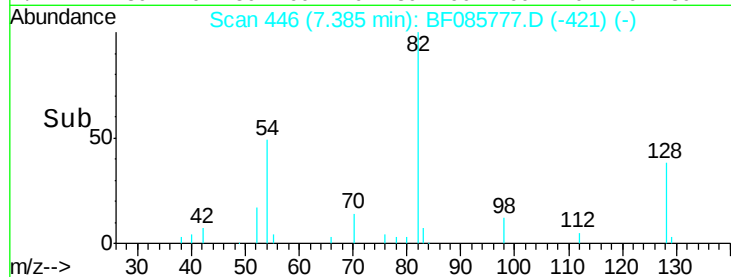
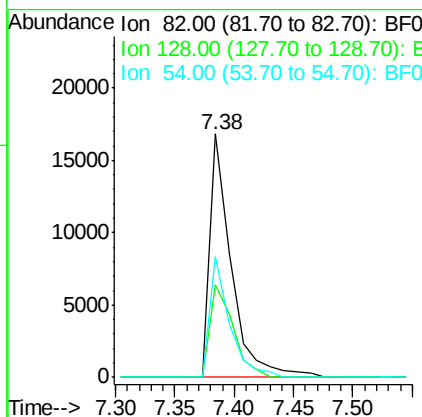
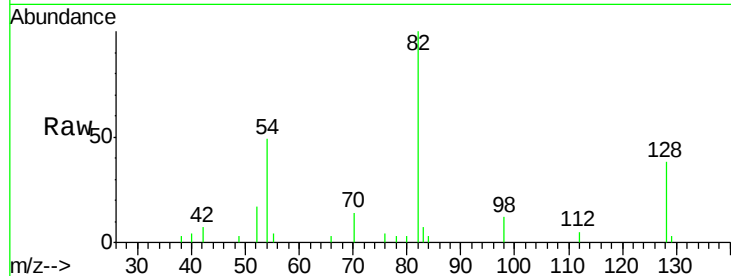
#23
 Nitrobenzene-d5
 Concen: 2.54 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085777.D
 Acq: 25 Mar 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	41.8	62.8#
54	49.5	33.4	50.0

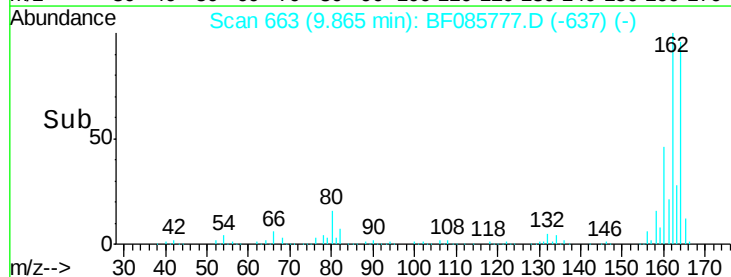
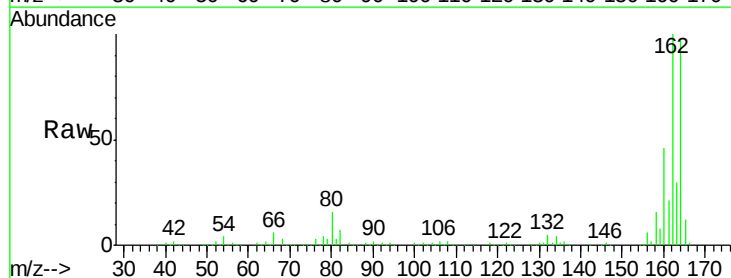
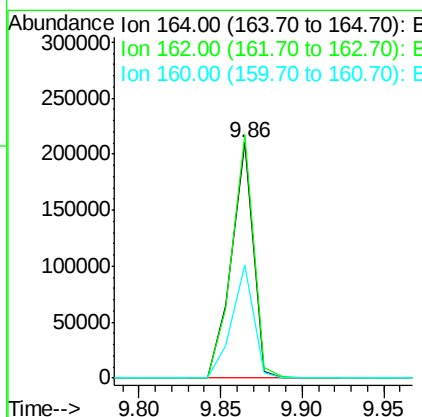
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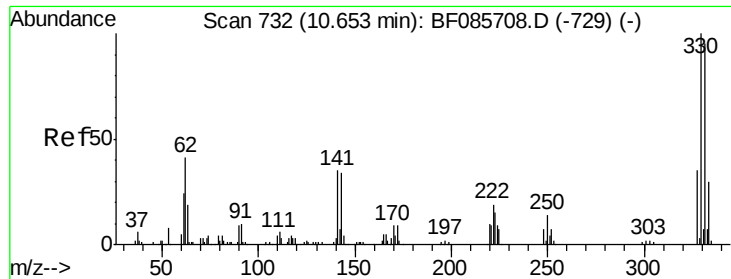
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085777.D
 Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	47.9	37.4	56.2





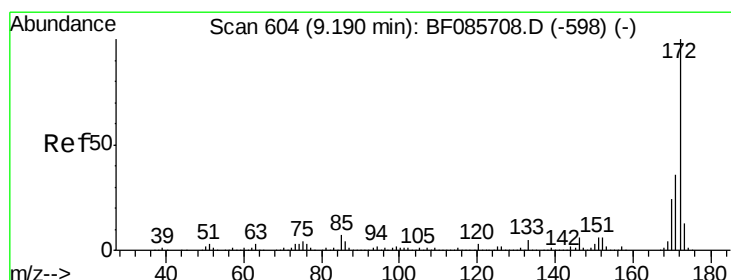
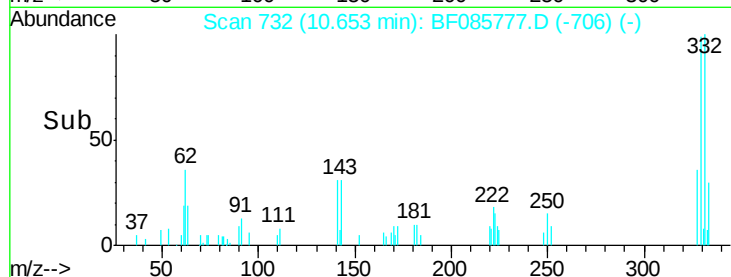
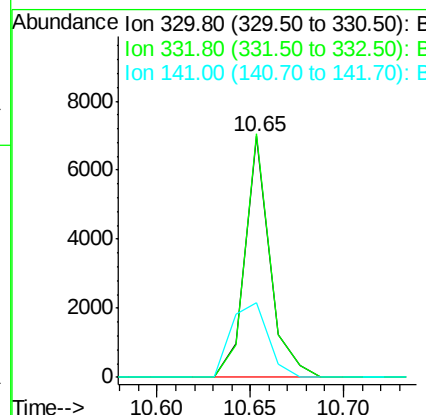
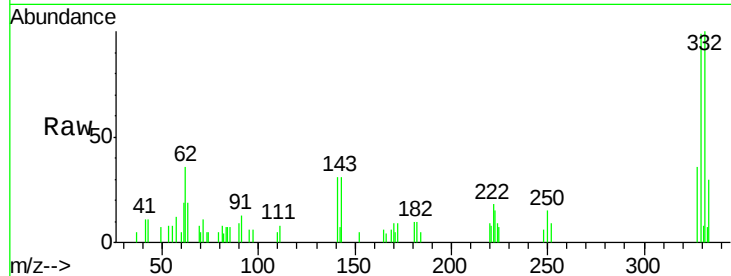
#41
 2,4,6-Tribromophenol
 Concen: 3.56 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085777.D
 Acq: 25 Mar 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Tot Ion	Ratio	Resp	Lower	Upper
330	100	6539		
332	100.2		78.2	117.2
141	46.2		31.5	47.3

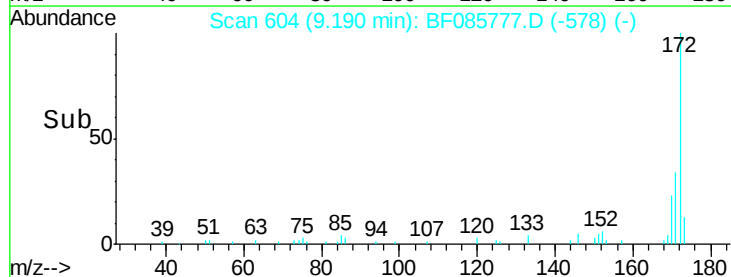
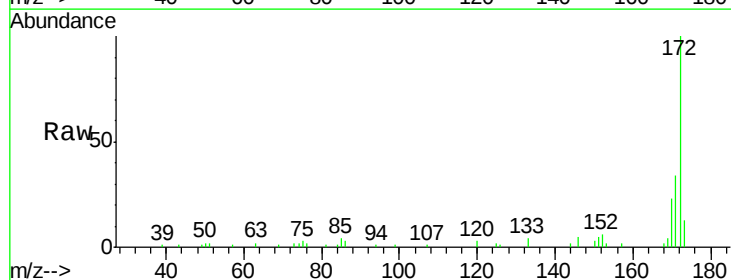
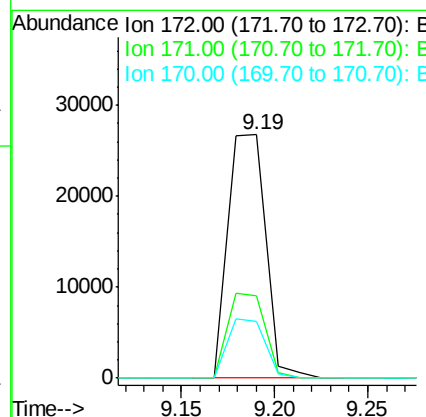
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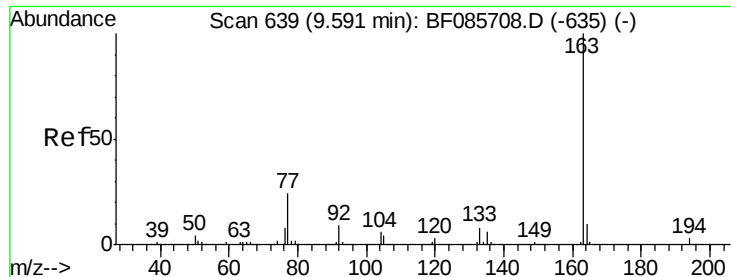
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#44
 2-Fluorobiphenyl
 Concen: 3.28 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085777.D
 Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	37924		
171	33.7		29.4	44.2
170	23.3		19.8	29.6





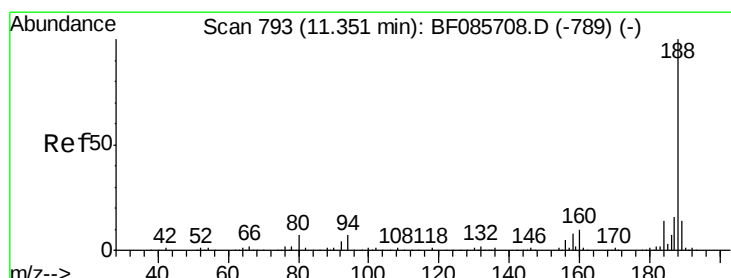
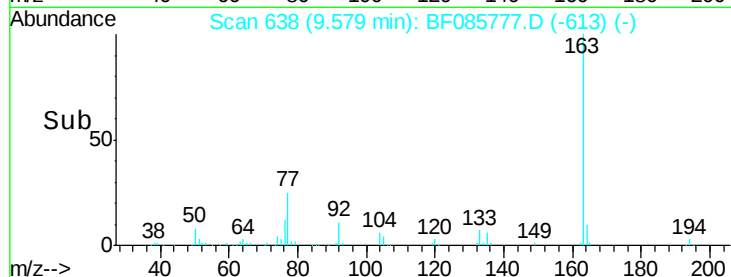
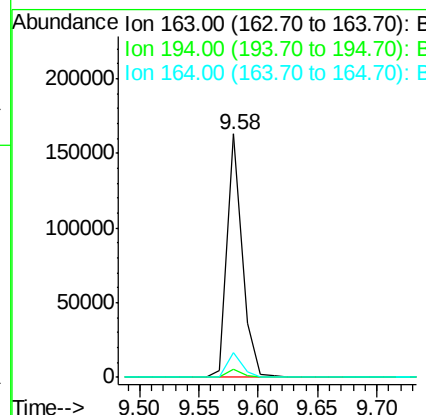
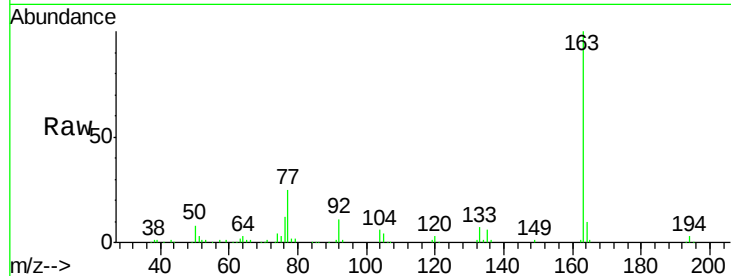
#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Instrument :
BNA_F
ClientSampled :
SB-8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	142939		
194	3.3		2.9	4.3
164	10.2		8.3	12.5

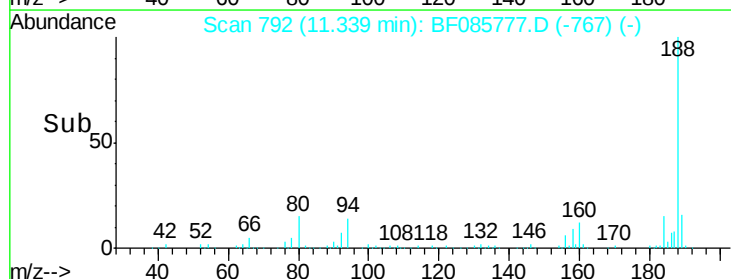
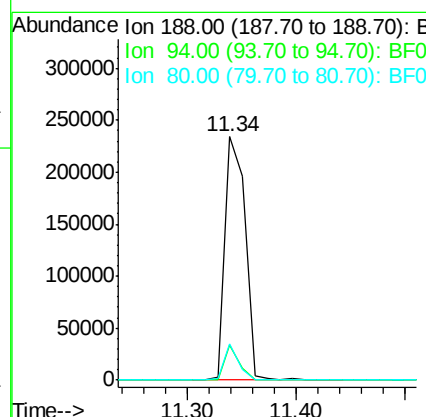
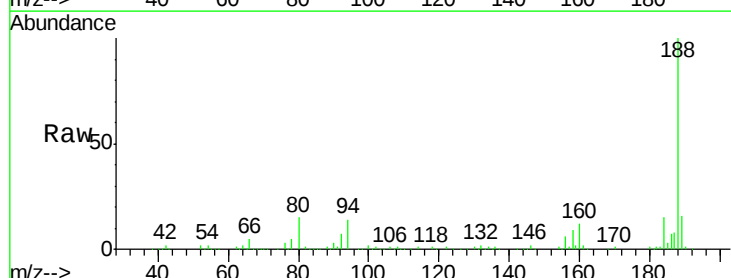
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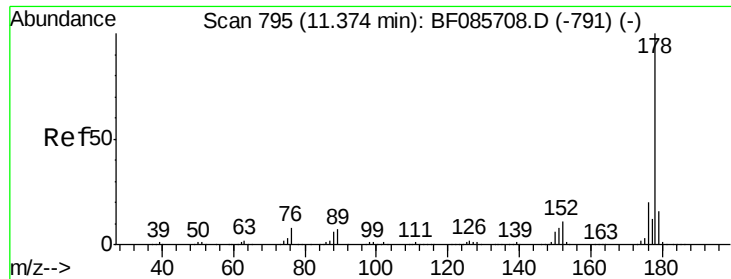
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	302553		
94	14.2		5.4	8.0#
80	15.0		5.5	8.3#





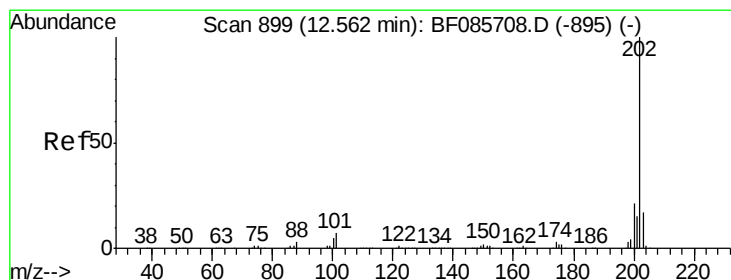
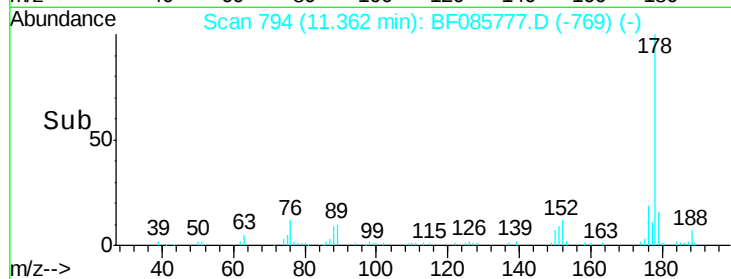
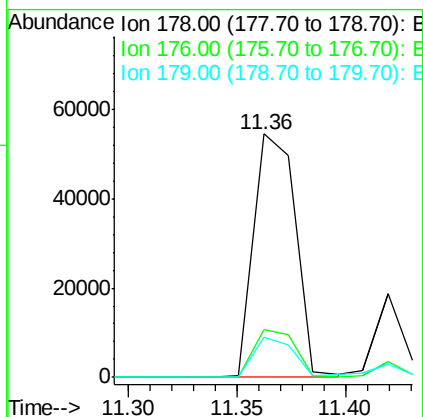
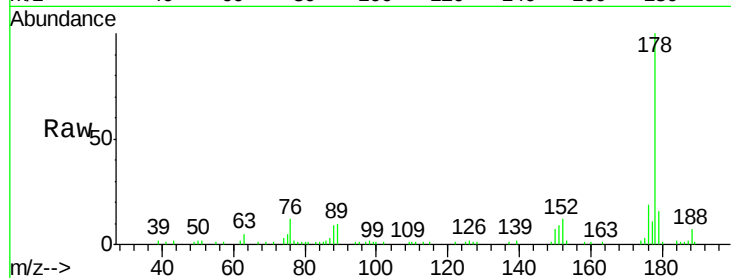
#70
Phenanthrene
Concen: 4.71 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Instrument :
BNA_F
ClientSampleId :
SB-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	16.4	12.6	18.8

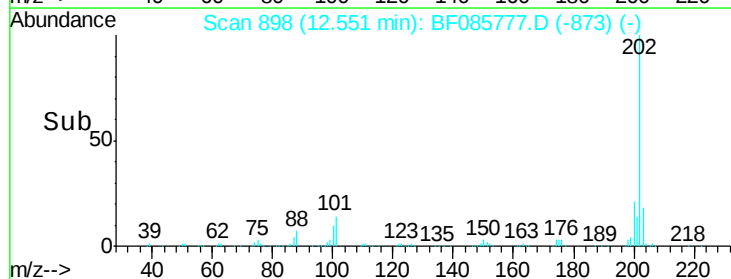
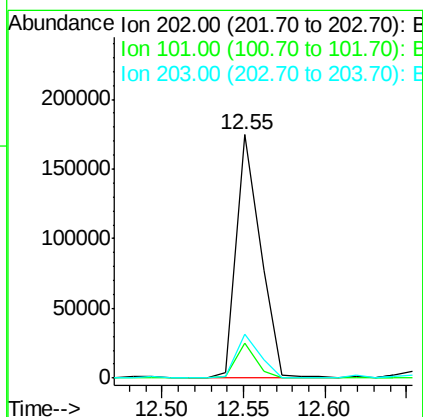
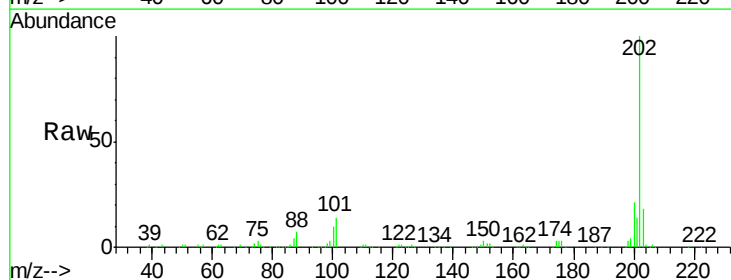
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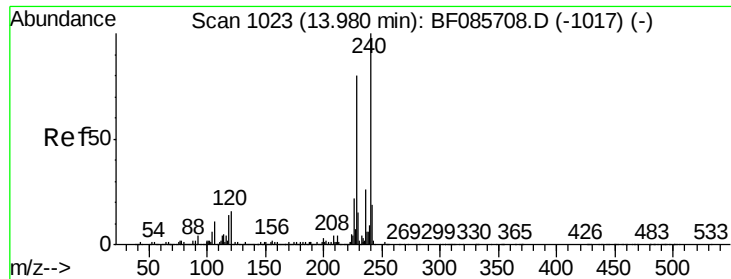
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#74
Fluoranthene
Concen: 10.71 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	36.6
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Instrument :

BNA_F

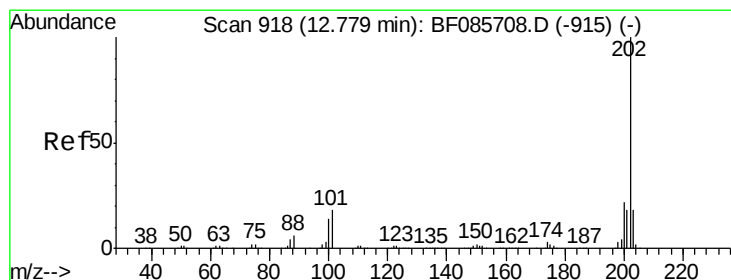
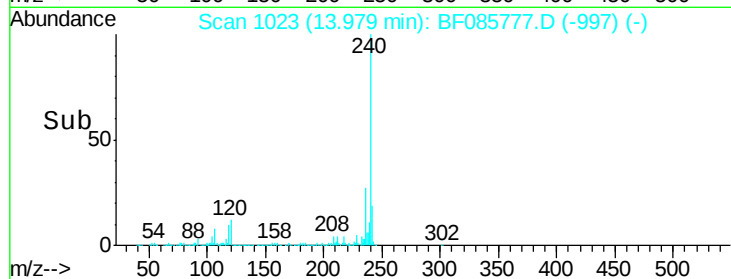
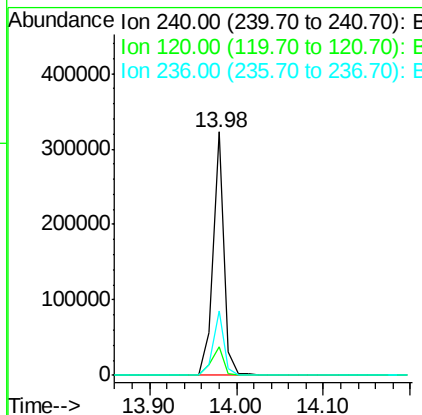
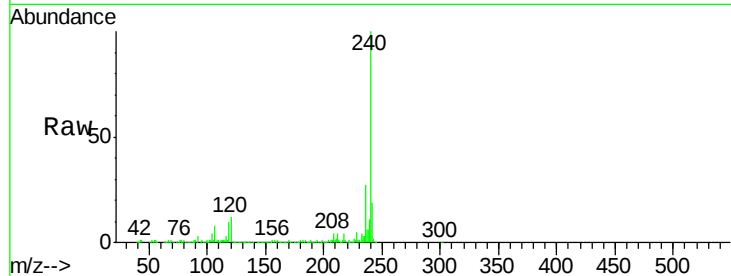
ClientSampleId :

SB-8

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	13.8	20.8#
236	26.5	20.6	30.8

Manual Integrations
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#77

Pyrene

Concen: 7.38 ng

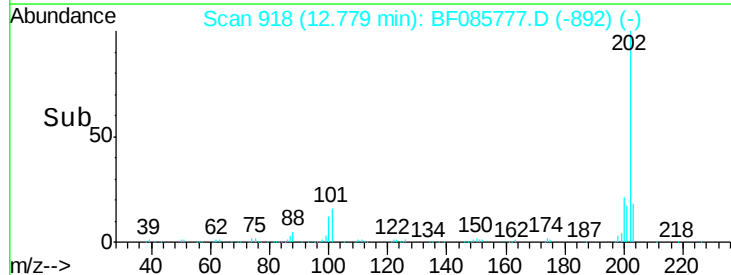
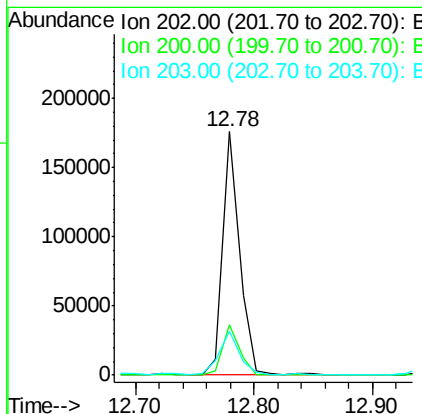
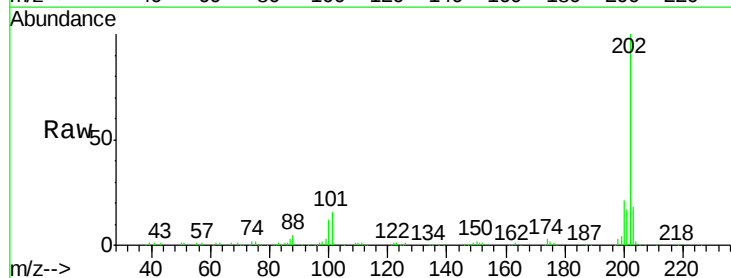
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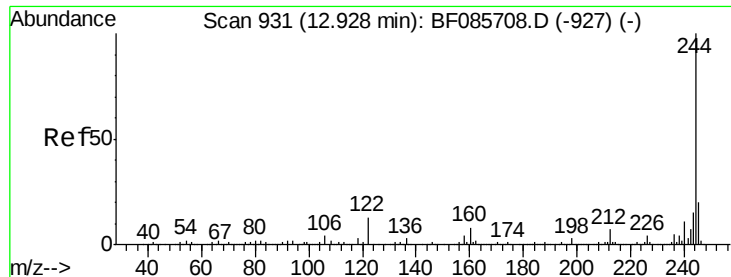
Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.0	14.0	21.0





#78

Terphenyl-d14

Concen: 2.03 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Instrument :

BNA_F

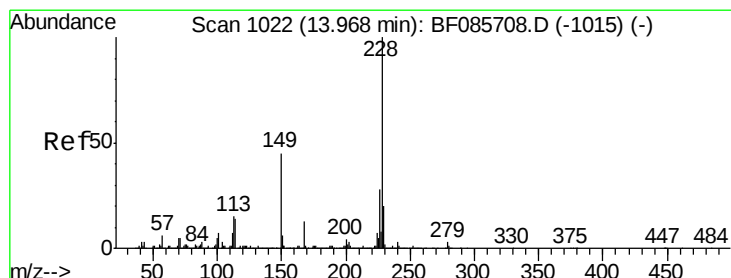
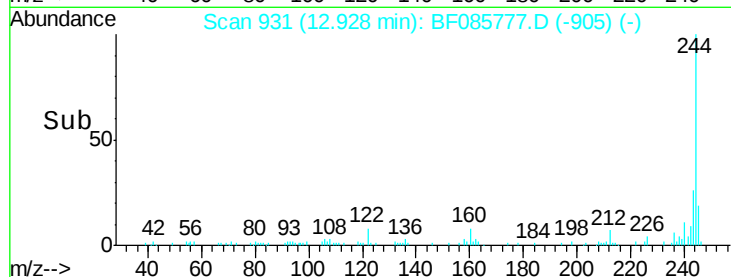
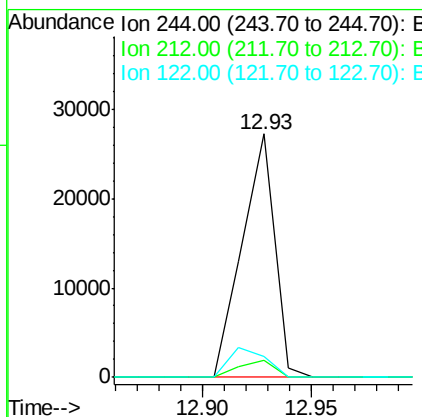
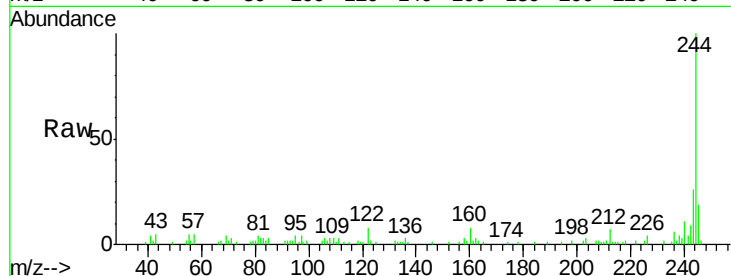
ClientSampleId :

SB-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	8.3	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 4.58 ng

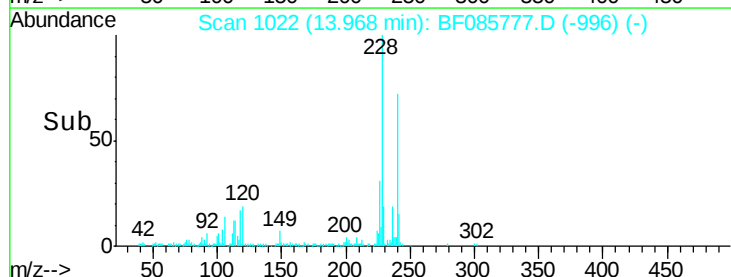
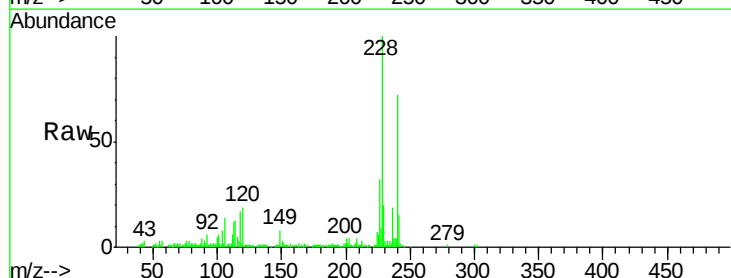
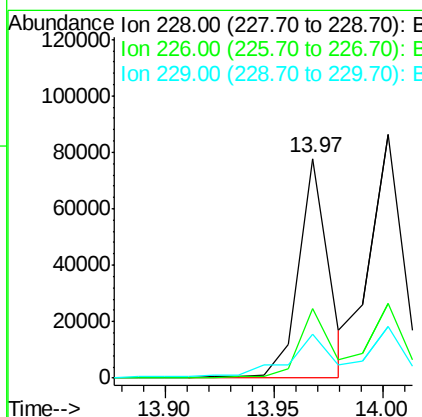
RT: 13.97 min Scan# 1022

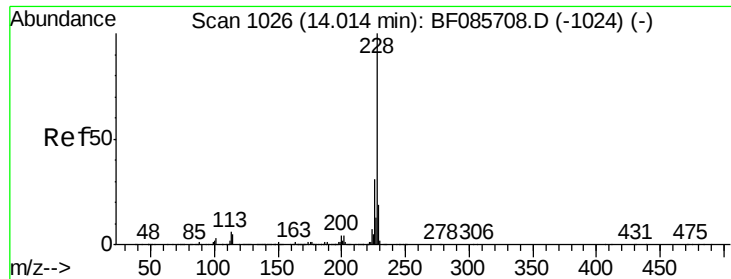
Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	19.8	16.2	24.4





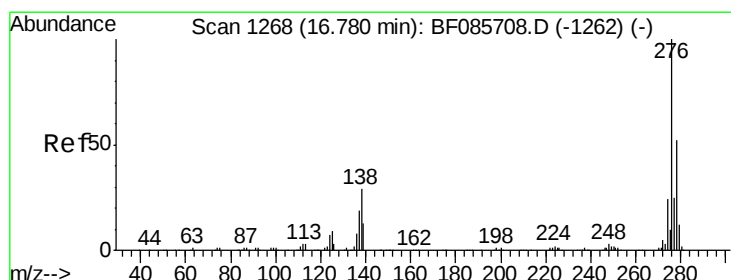
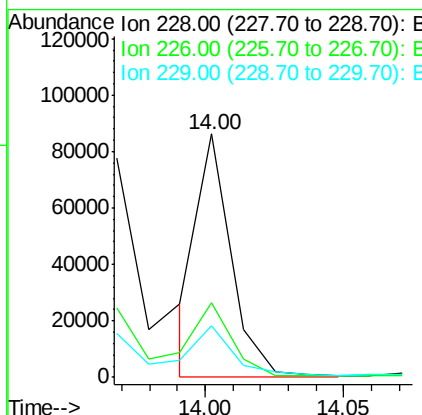
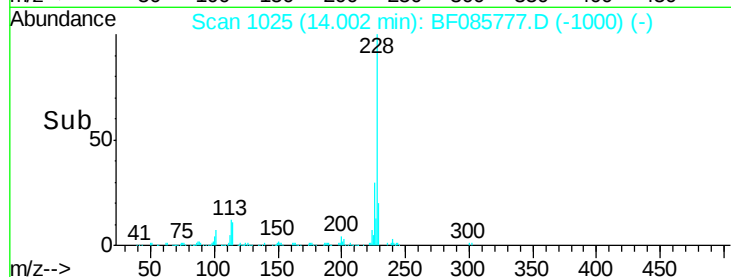
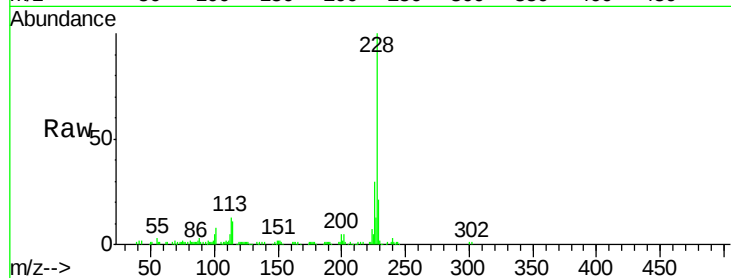
#82
Chrysene
Concen: 4.46 ng/ml
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Instrument :
BNA_F
ClientSampled :
SB-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.0	15.7	23.5

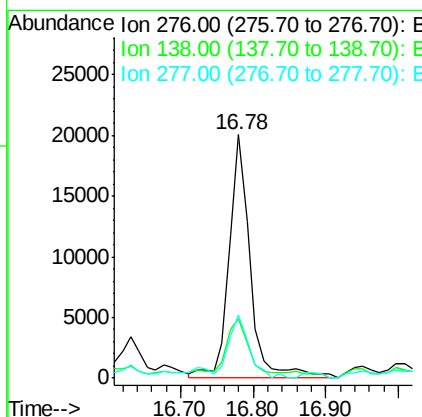
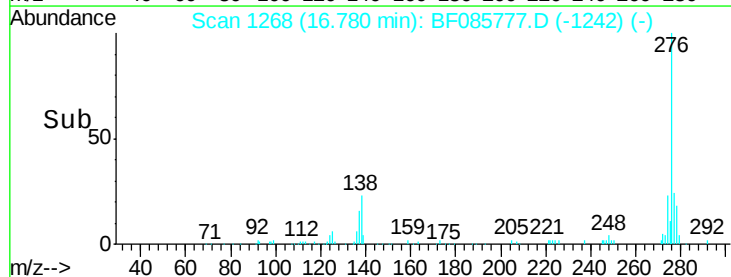
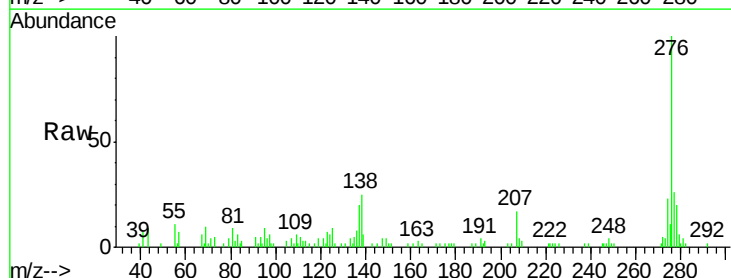
Manual Integrations
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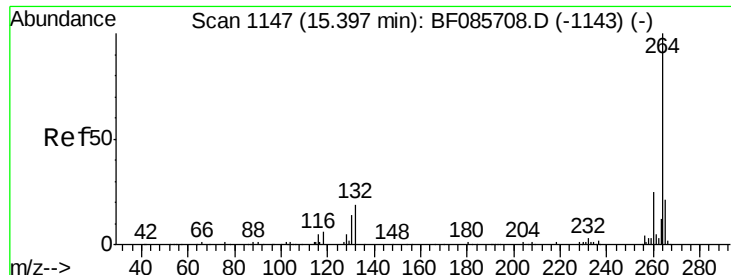
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.21 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	24.2	36.4#
277	24.9	20.0	30.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Instrument :

BNA_F

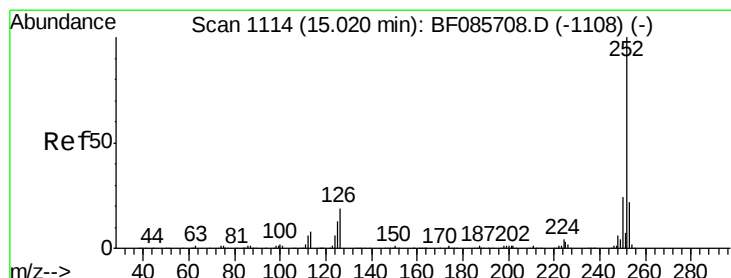
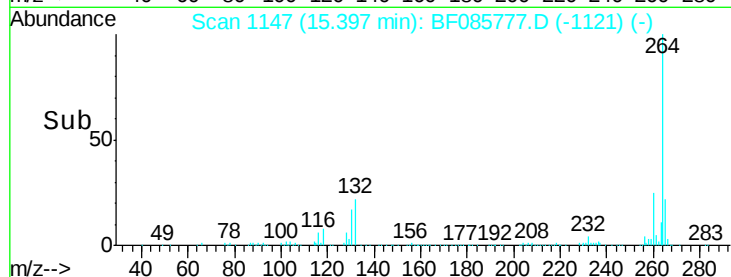
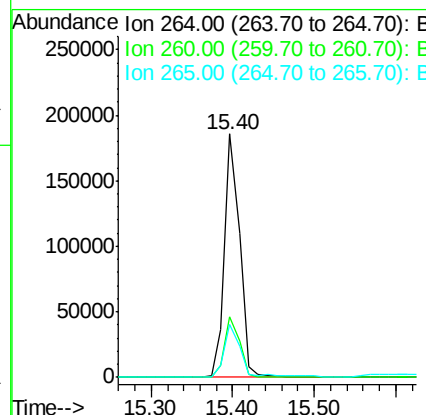
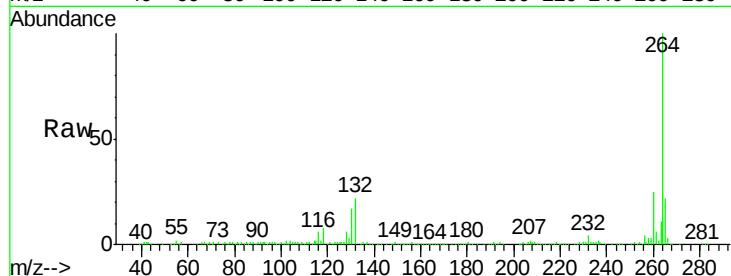
ClientSampled :

SB-8

Tot Ion:	264	Resp:	239945
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	21.7	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 7.19 ng m

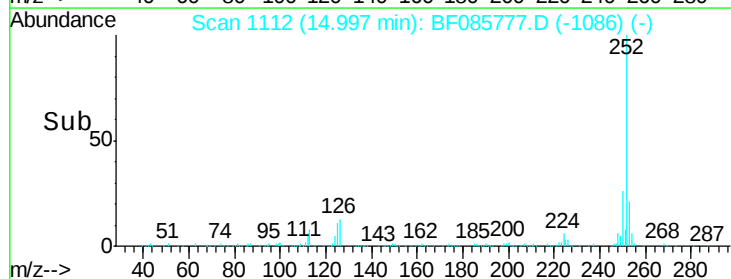
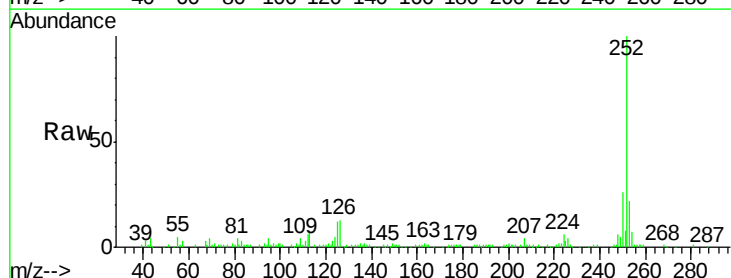
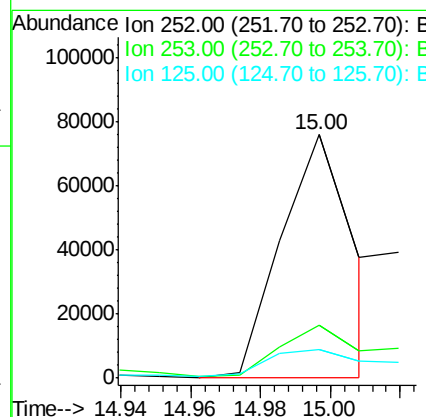
RT: 15.00 min Scan# 1112

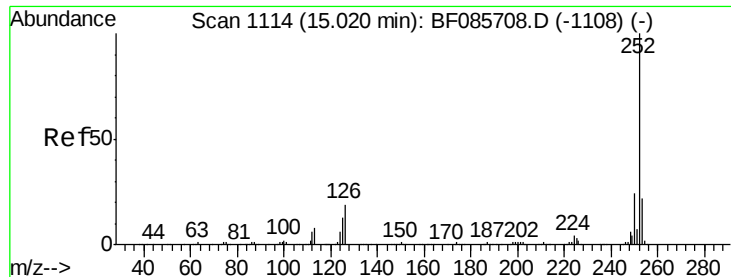
Delta R.T. -0.00 min

Lab File: BF085777.D

Acq: 25 Mar 2016 22:41

Tgt Ion:	252	Resp:	108646
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	11.8	10.3	15.5





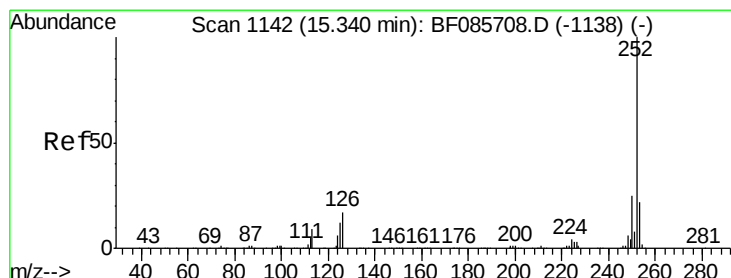
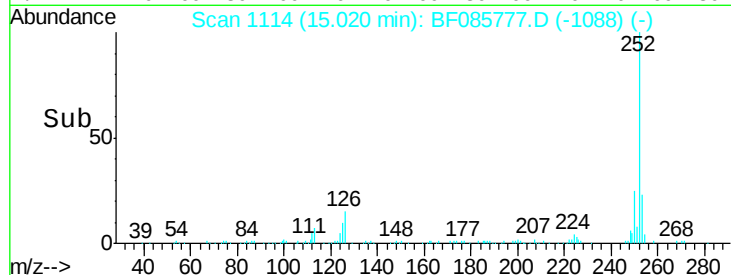
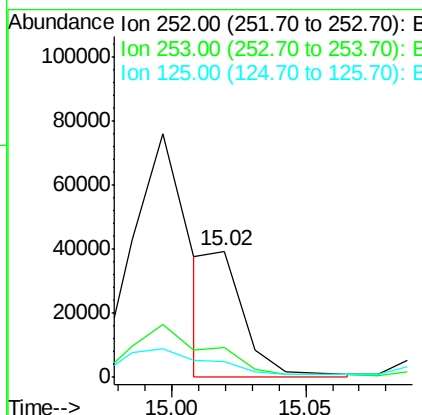
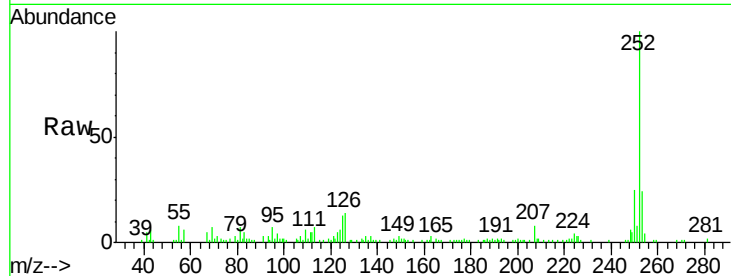
#88
Benzo(k)fluoranthene
Concen: 2.62 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Instrument :
BNA_F
ClientSampled :
SB-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	12.6	7.7	11.5

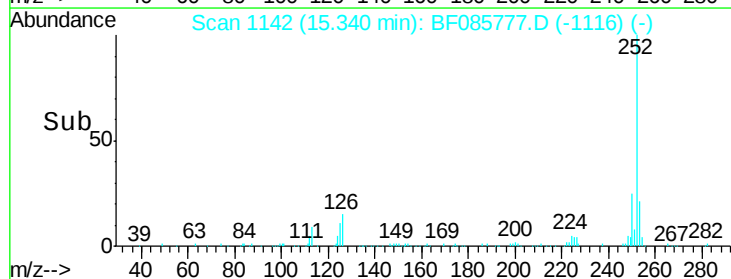
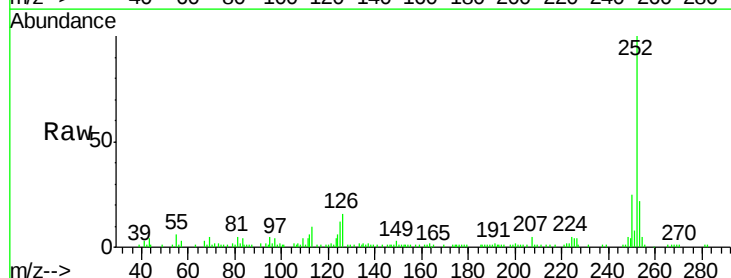
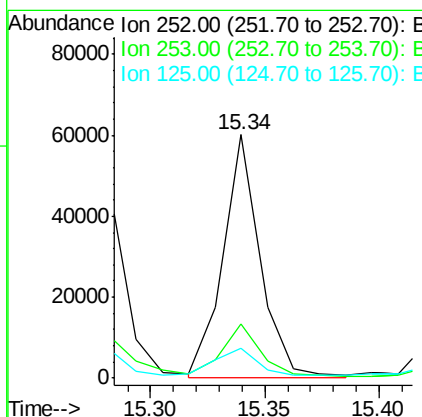
Manual Integrations
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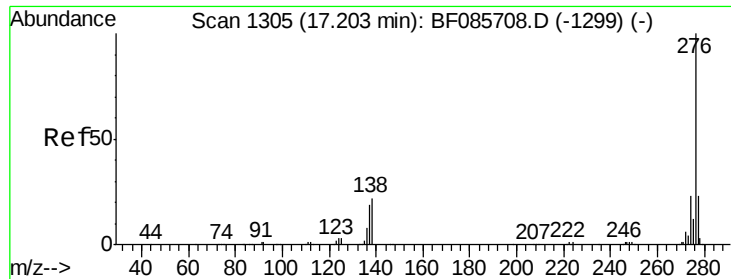
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#89
Benzo(a)pyrene
Concen: 5.08 ng m
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085777.D
Acq: 25 Mar 2016 22:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.4	10.3	15.5





#91
 Benzo(a,h,i)perylene
 Concen: 2.85 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085777.D
 Acq: 25 Mar 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	24.3	22.6	34.0

Manual Integrations
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