

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085865.D
 Acq On : 29 Mar 2016 22:54
 Operator : UM/SJ
 Sample : H1970-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Manual Integrations
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Quant Time: Mar 30 02:01:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111935m	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	460961	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	185733	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	312204	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	233288	20.00	ng	-0.01
86) Perylene-d12	15.39	264	226560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	797318	118.63	ng	0.00
7) Phenol-d6	6.45	99	977799	114.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	608981	74.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	166552	94.38	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	823164	74.05	ng	-0.02
78) Terphenyl-d14	12.92	244	545099	48.05	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	185562	13.17	ng	99
74) Fluoranthene	12.54	202	56697	3.33	ng	91
77) Pyrene	12.77	202	58483	3.05	ng	98
80) Benzo(a)anthracene	13.96	228	67781	5.10	ng	96
82) Chrysene	13.99	228	65476m	4.89	ng	
85) Indeno(1,2,3-cd)pyrene	16.76	276	64622	6.25	ng	92
87) Benzo(b)fluoranthene	14.99	252	156819m	10.99	ng	
88) Benzo(k)fluoranthene	15.00	252	40742m	3.17	ng	
89) Benzo(a)pyrene	15.33	252	97495	7.69	ng	95
91) Benzo(g,h,i)perylene	17.18	276	60362	5.06	ng	94

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

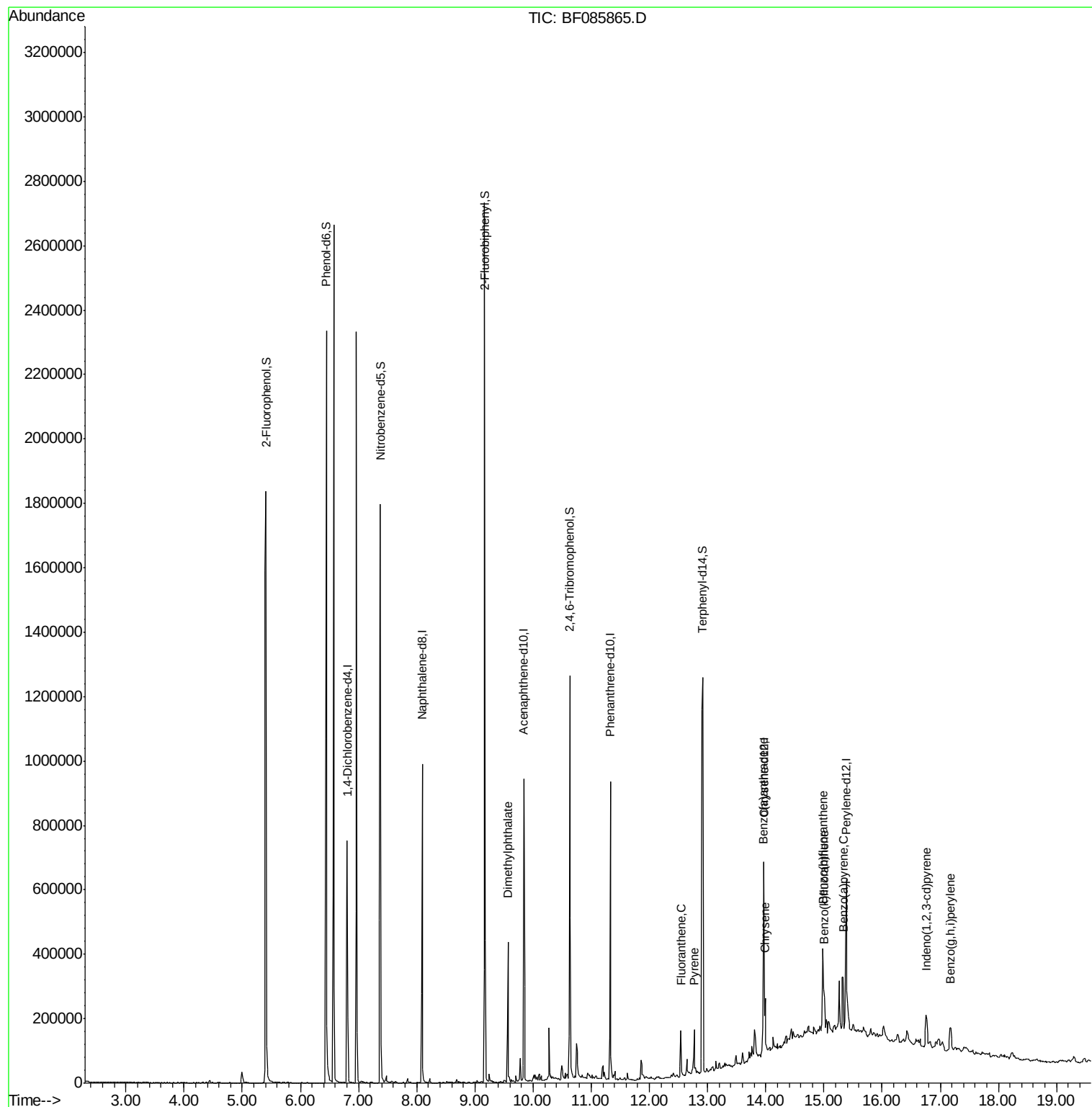
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085865.D
Acq On : 29 Mar 2016 22:54
Operator : UM/SJ
Sample : H1970-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

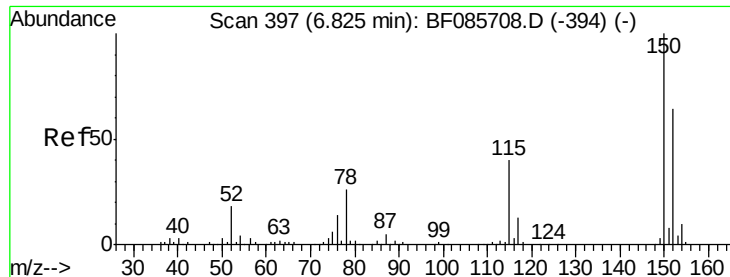
Instrument :
BNA_F
ClientSampleId :
TP-8

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Quant Time: Mar 30 02:01:02 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

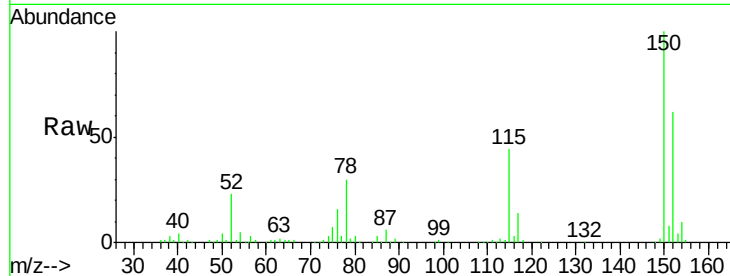
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.2	186.2
115	70.8	47.0	70.6

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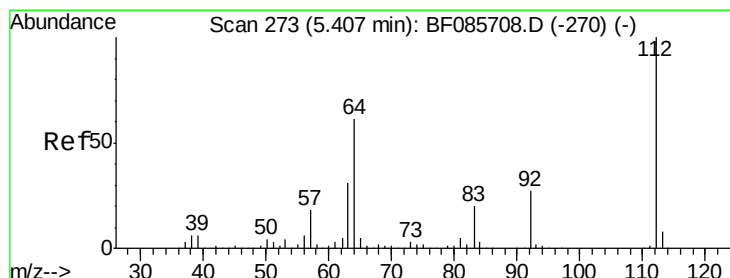
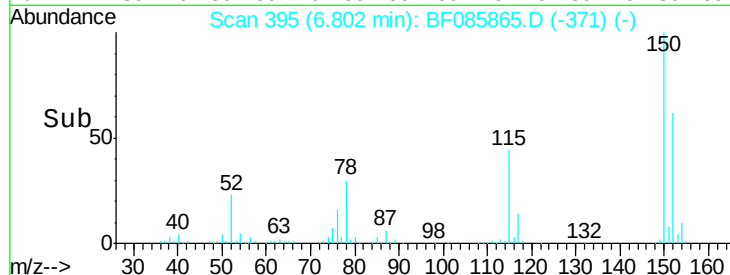
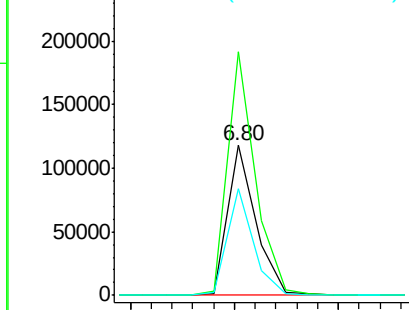


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

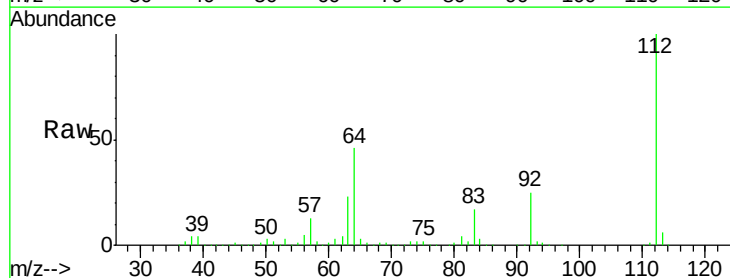
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.63 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.9	39.9	59.9
63	23.4	20.2	30.2

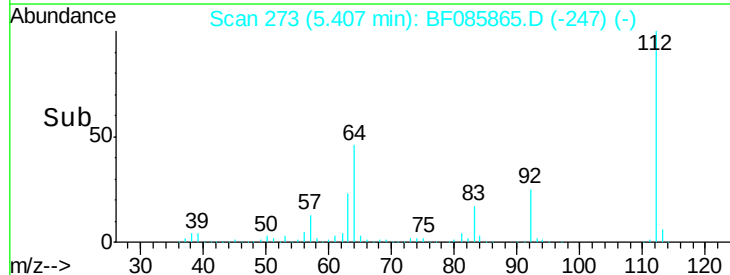
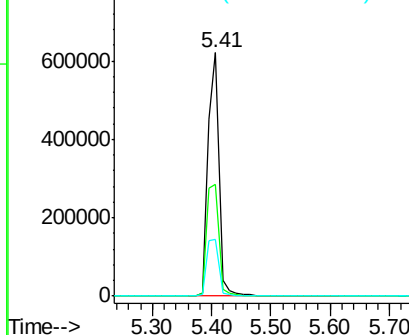


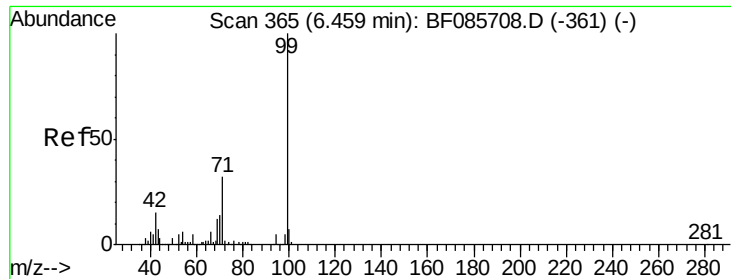
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.42 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Instrument :

BNA_F

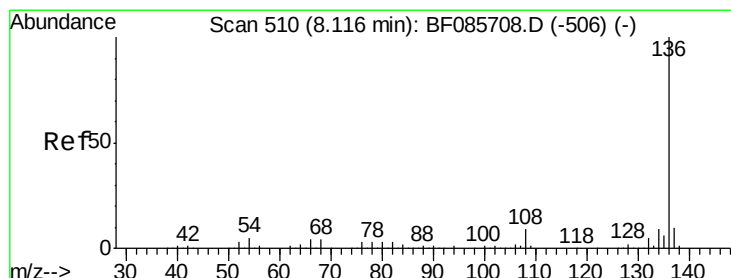
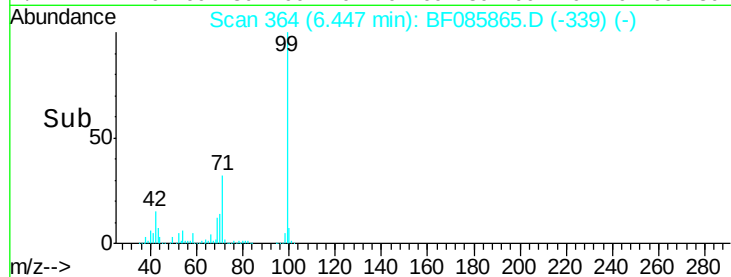
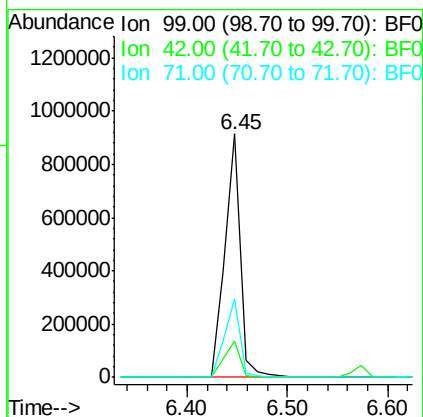
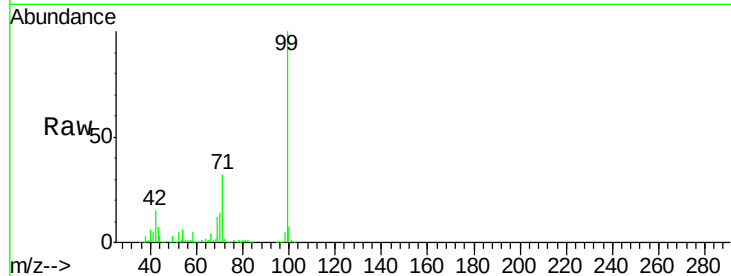
ClientSampleId :

TP-8

Tgt Ion:	99	Resp:	977799
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.1	16.7
71	32.2	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

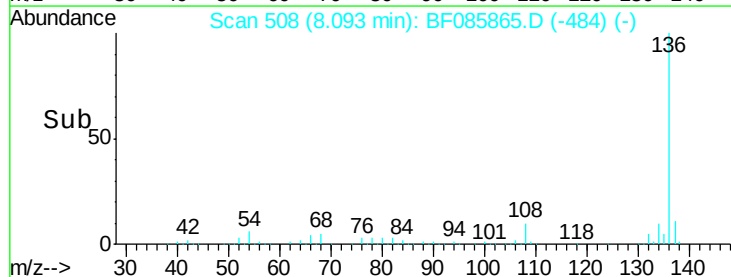
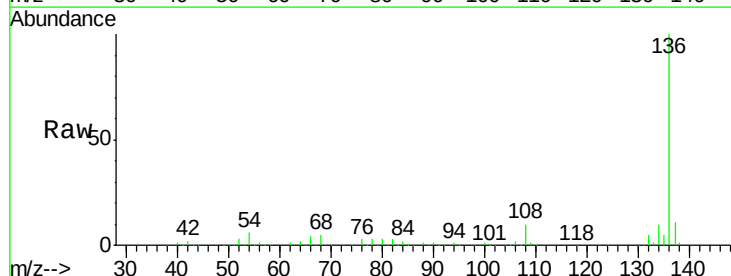
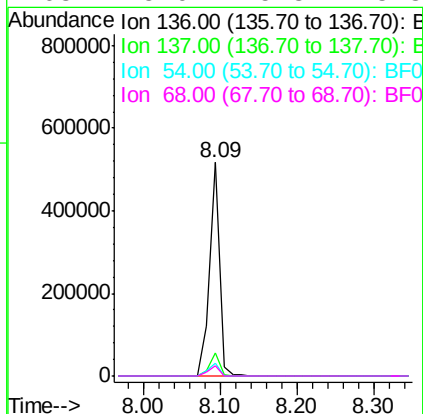
RT: 8.09 min Scan# 508

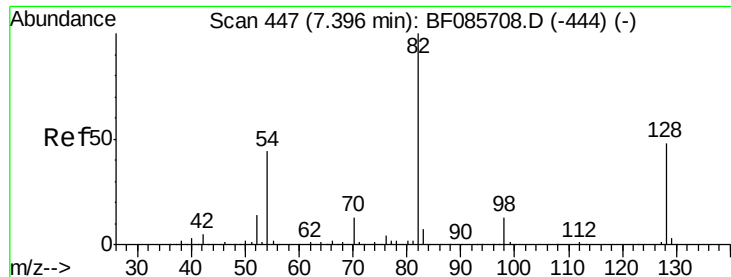
Delta R.T. -0.02 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Tgt Ion:	136	Resp:	460961
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.8	7.4	11.0#
68	5.0	5.8	8.8#





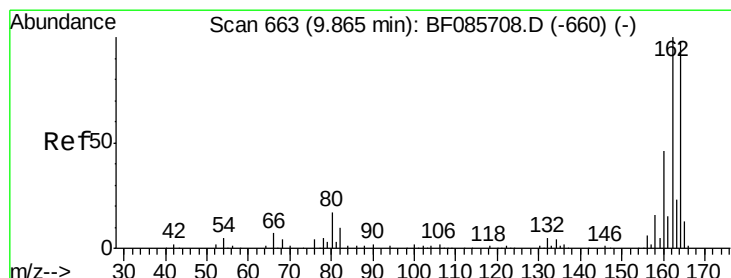
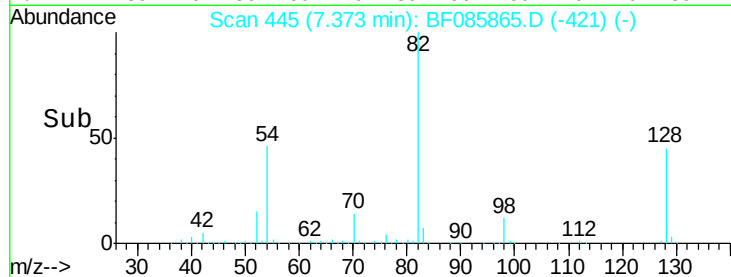
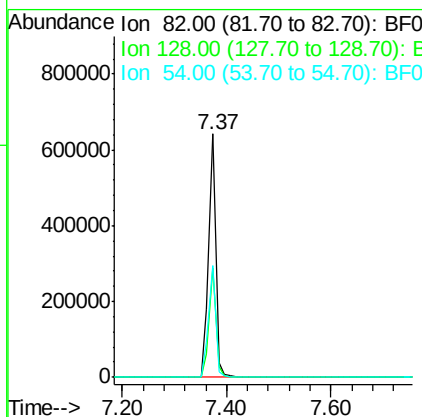
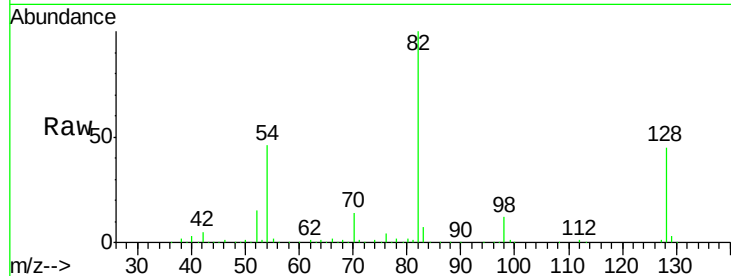
#23
 Nitrobenzene-d5
 Concen: 74.40 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	608981		
128	45.1	41.8	62.8	
54	45.7	33.4	50.0	

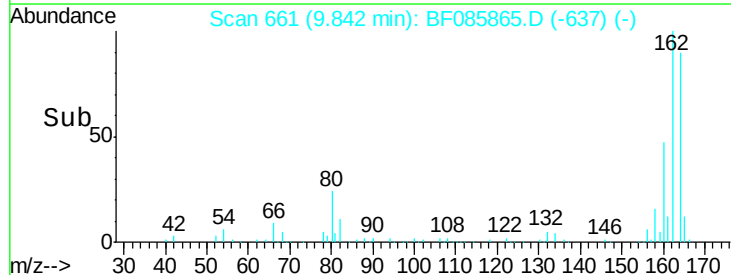
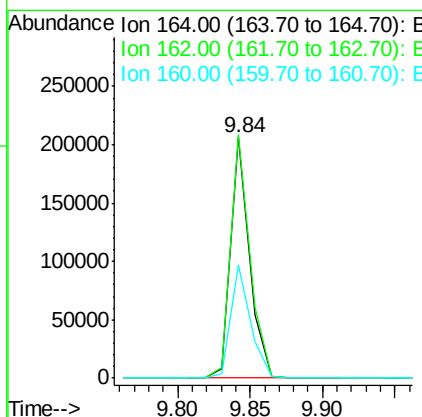
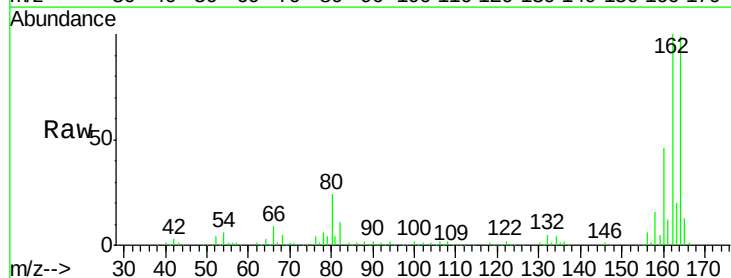
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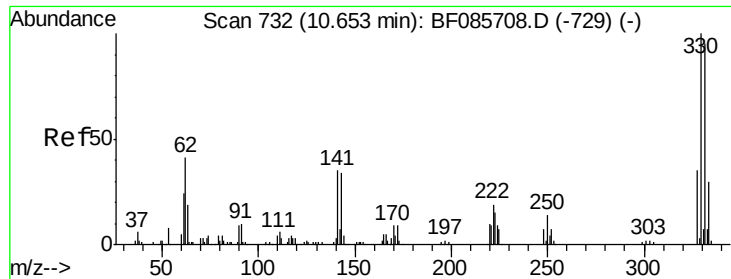
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185733		
162	101.2	82.1	123.1	
160	47.0	37.4	56.2	





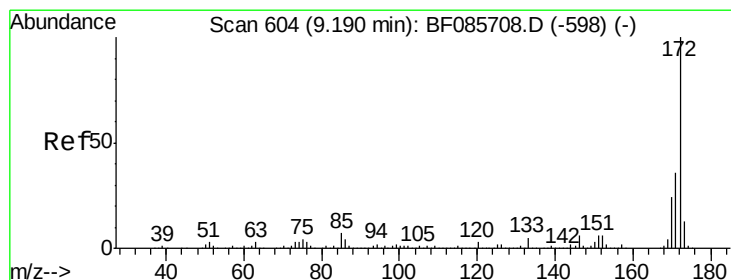
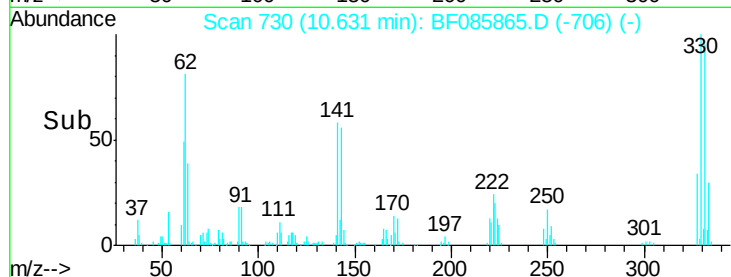
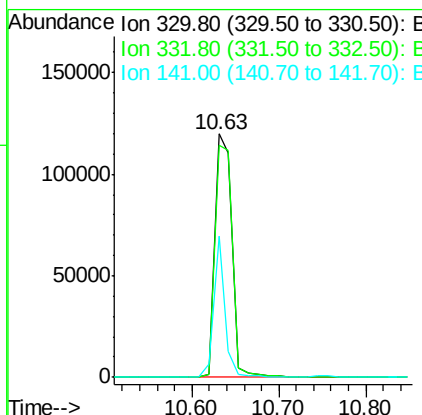
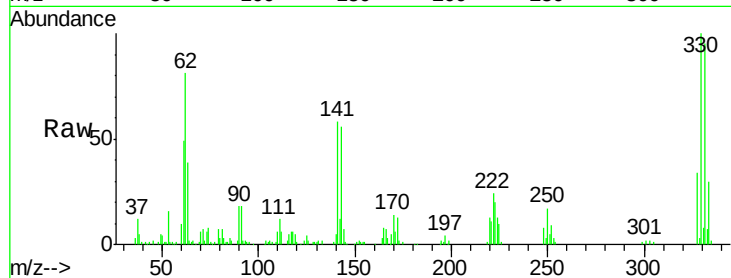
#41
 2,4,6-Tribromophenol
 Concen: 94.38 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tgt Ion:	330	Resp:	166552
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.2	117.2
141	38.4	31.5	47.3

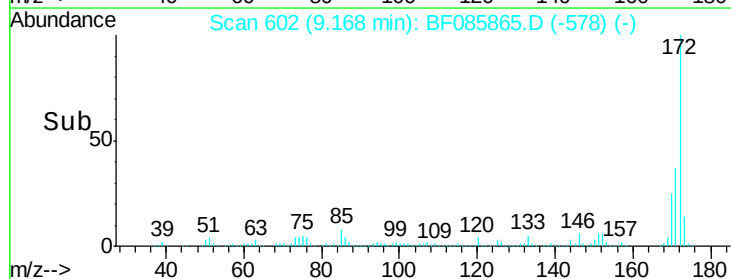
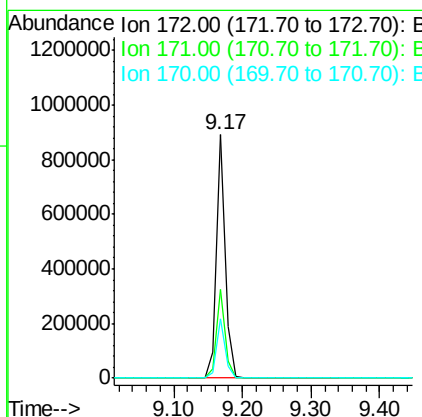
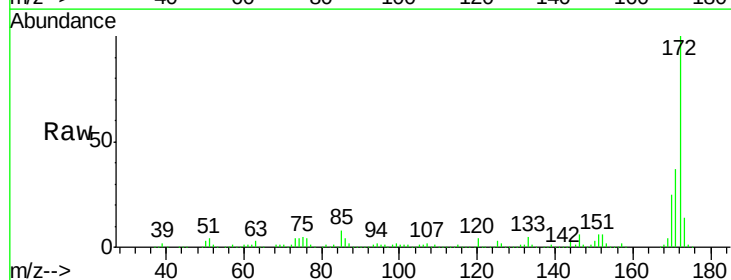
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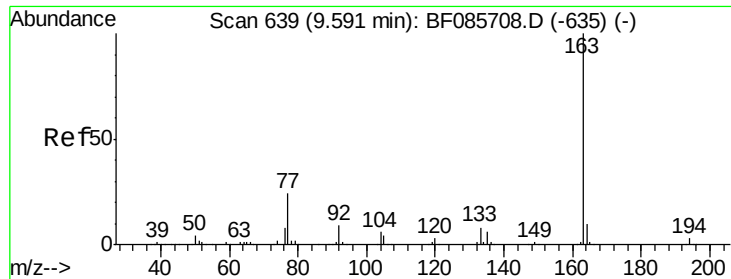
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#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Tgt Ion:	172	Resp:	823164
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.2
170	24.6	19.8	29.6





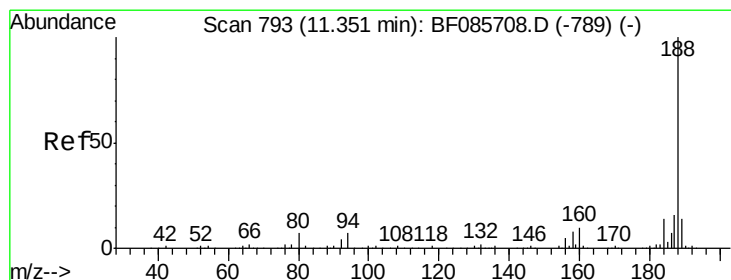
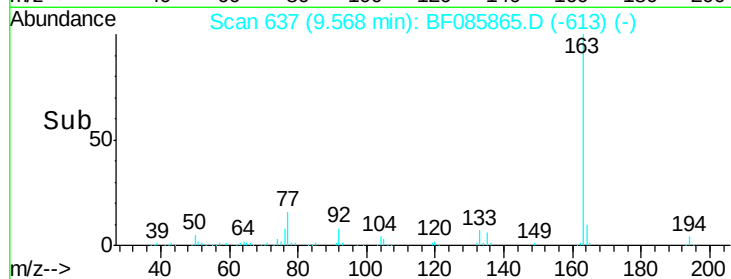
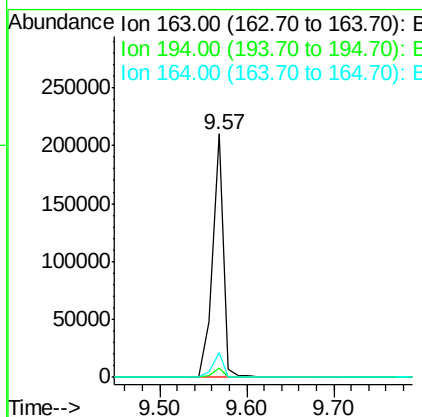
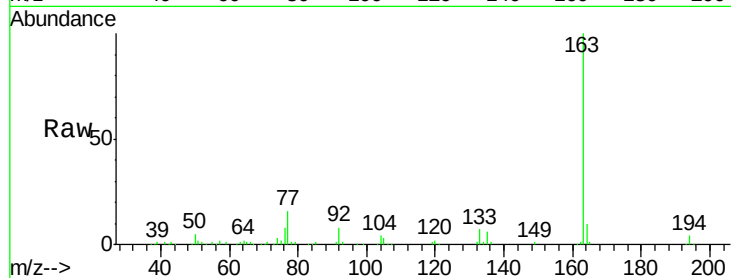
#49
Dimethylphthalate
Concen: 13.17 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	9.9	8.3	12.5

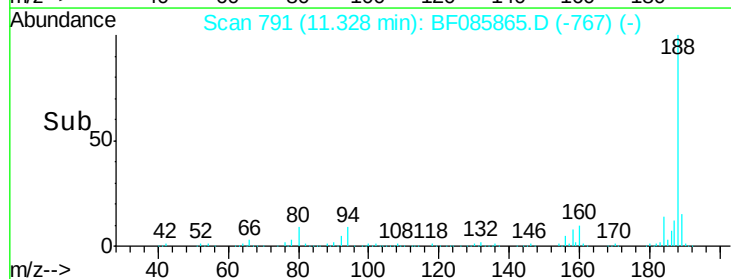
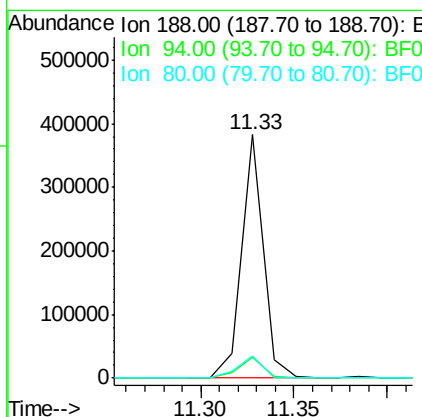
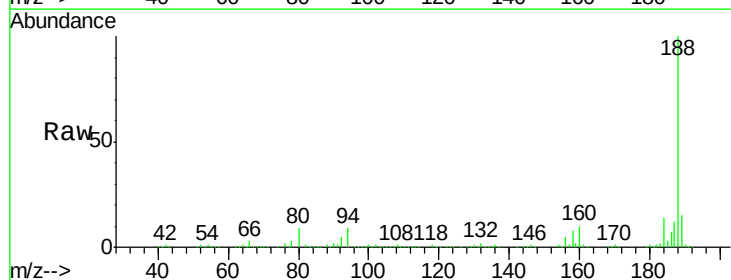
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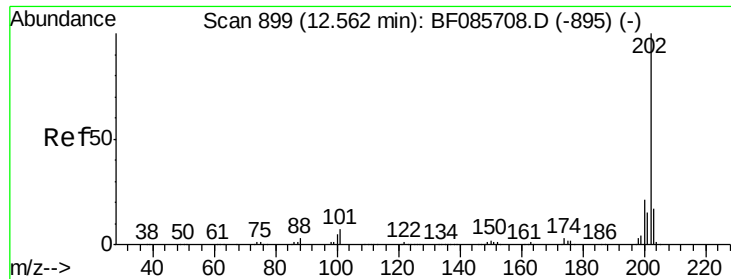
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	5.4	8.0#
80	9.2	5.5	8.3#





#74

Fluoranthene

Concen: 3.33 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Instrument :

BNA_F

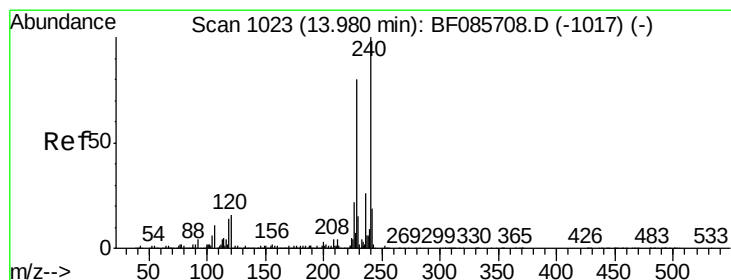
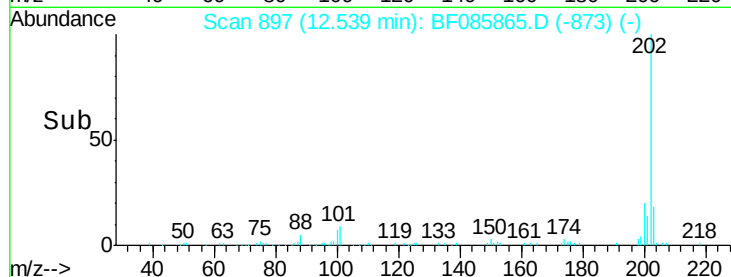
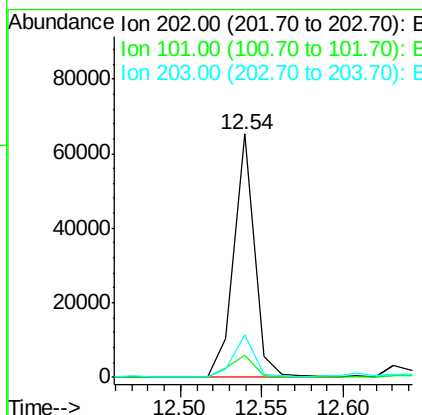
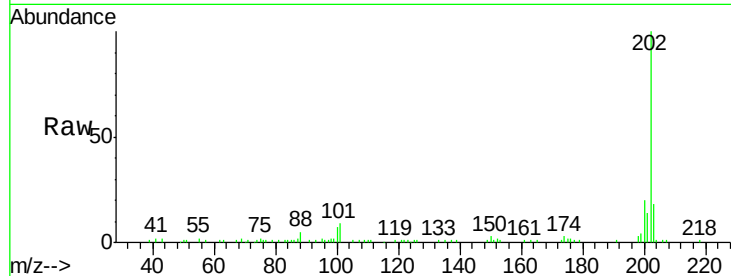
ClientSampleId :

TP-8

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		56697		
101	9.3	0.0	36.6		
203	17.6	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

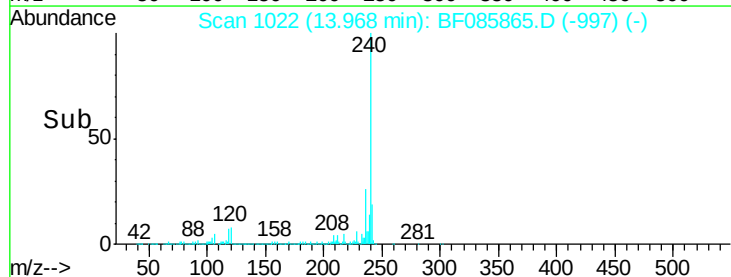
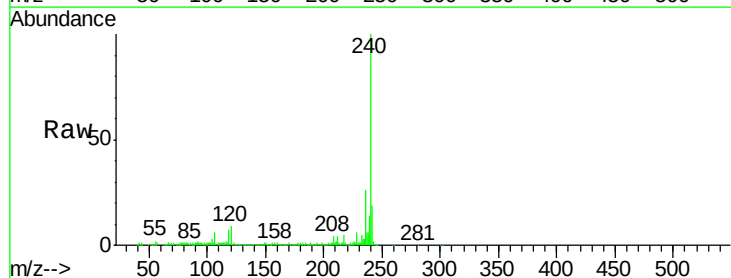
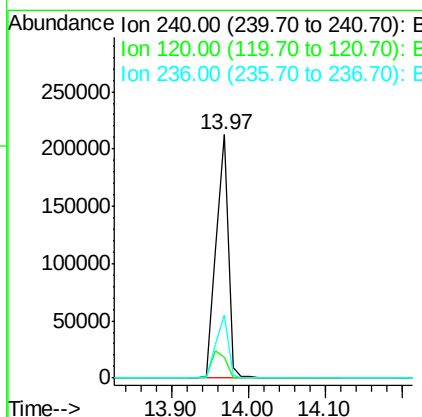
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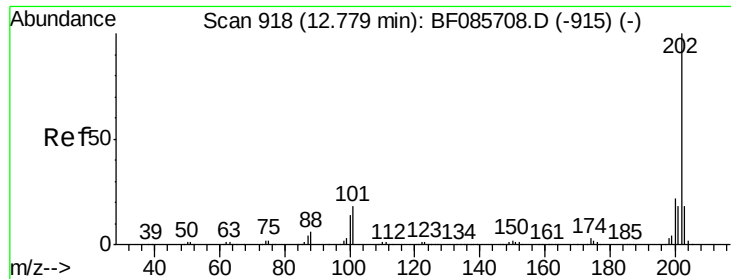
Delta R.T. -0.01 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		233288		
120	8.5	13.8	20.8#		
236	25.9	20.6	30.8		





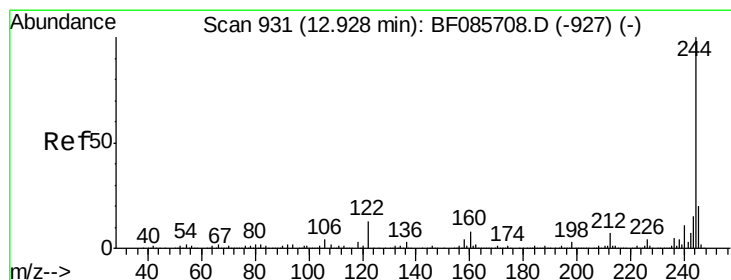
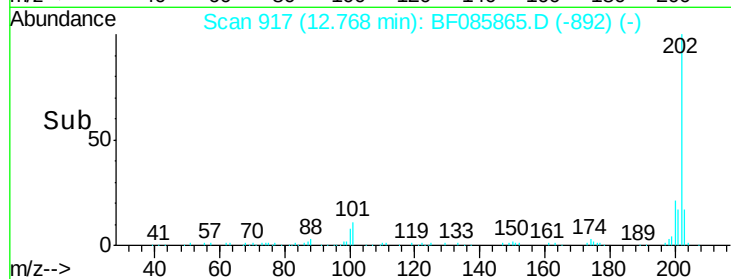
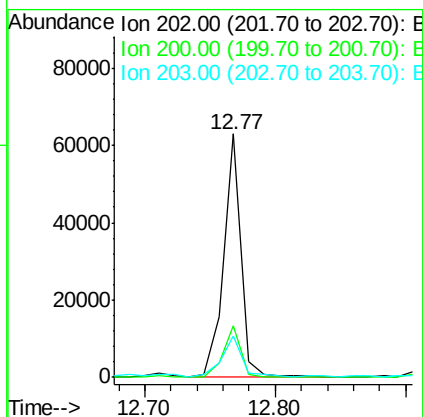
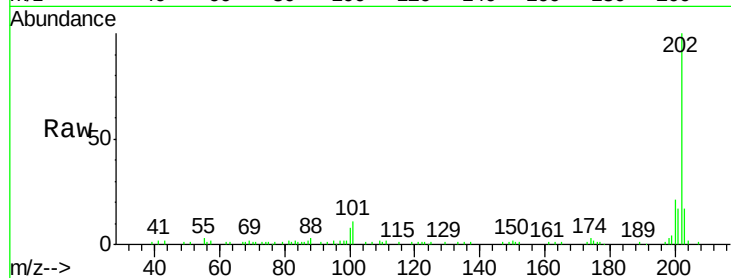
#77
 Pyrene
 Concen: 3.05 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58483		
200	21.2		17.6	26.4
203	16.8		14.0	21.0

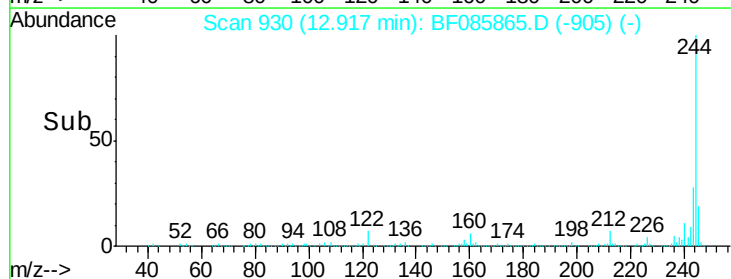
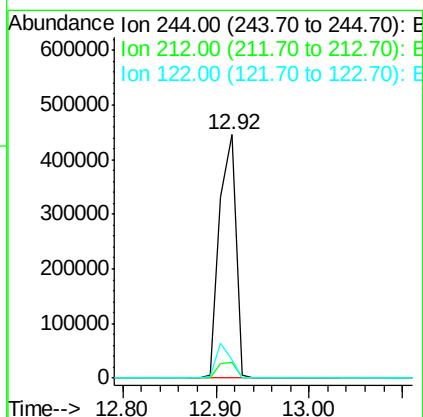
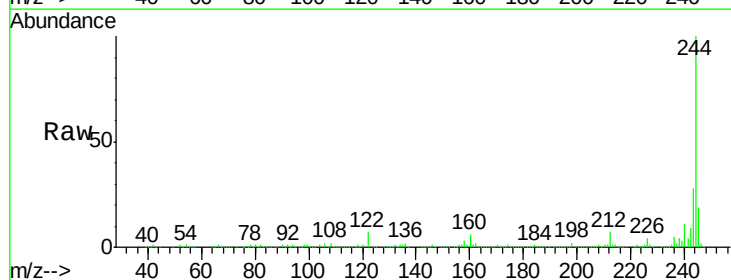
Manual Integrations
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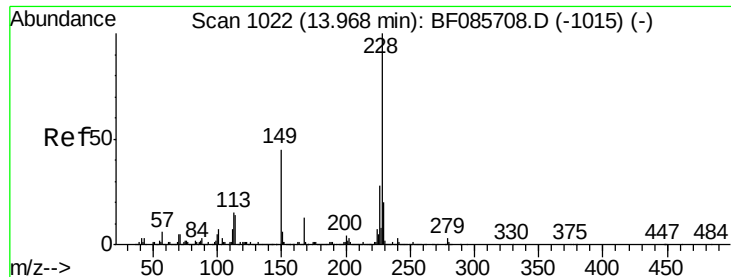
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#78
 Terphenyl-d14
 Concen: 48.05 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	545099		
212	6.6		6.1	9.1
122	7.5		10.2	15.4#





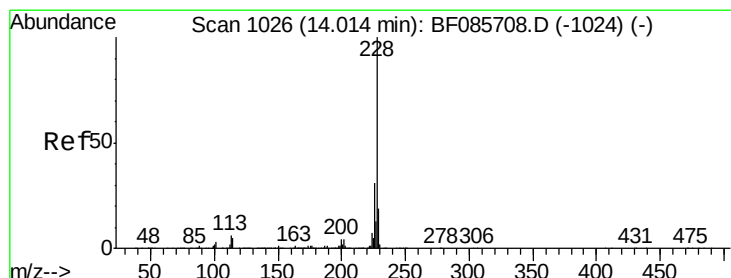
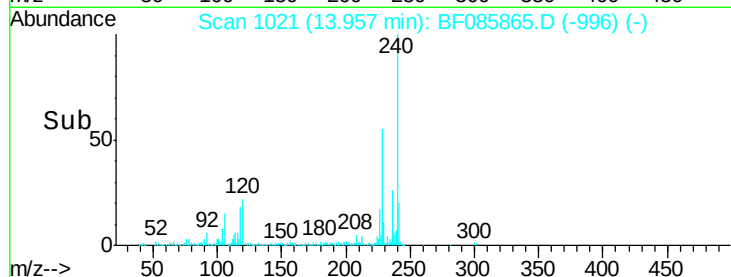
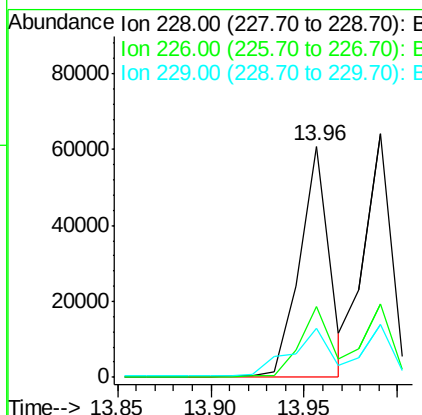
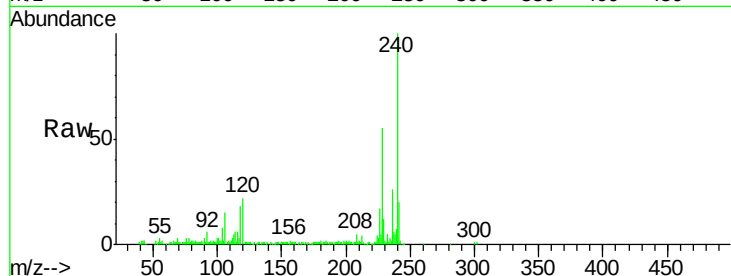
#80
Benzo(a)anthracene
Concen: 5.10 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.1	33.1
229	21.3	16.2	24.4

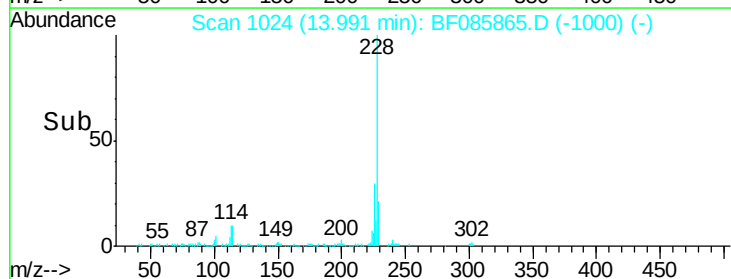
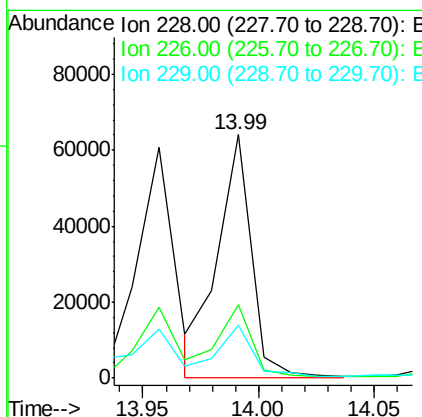
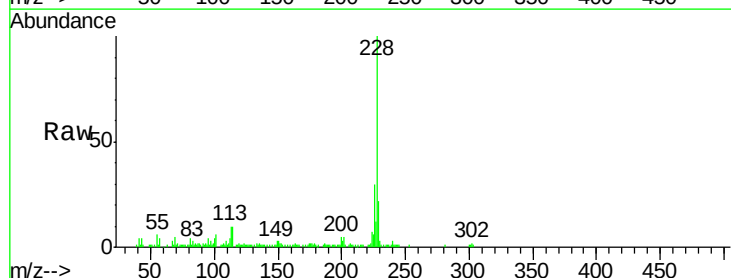
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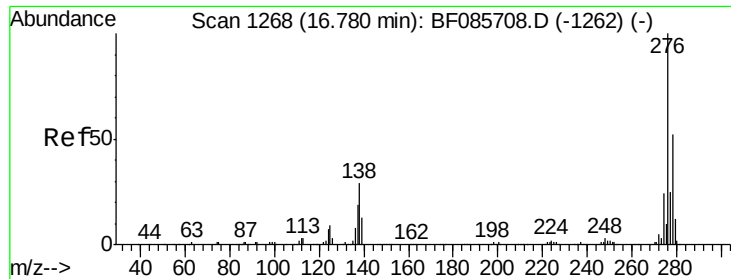
Sohil
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#82
Chrysene
Concen: 4.89 ng m
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.0	15.7	23.5





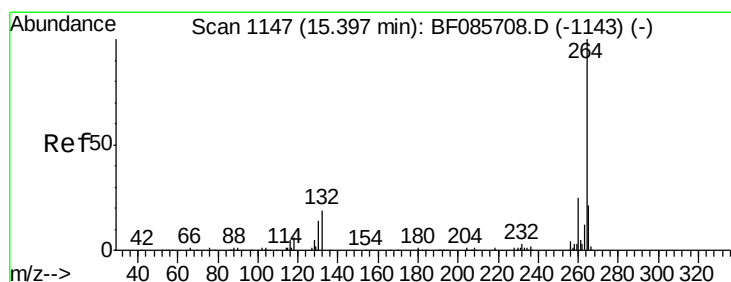
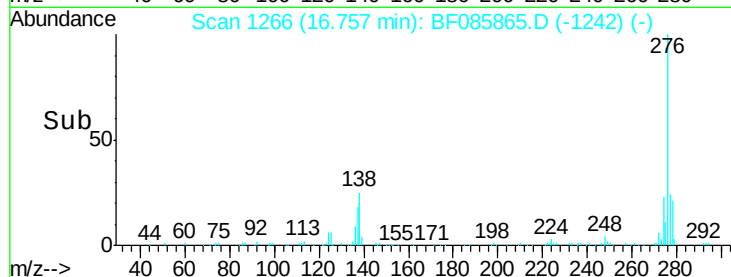
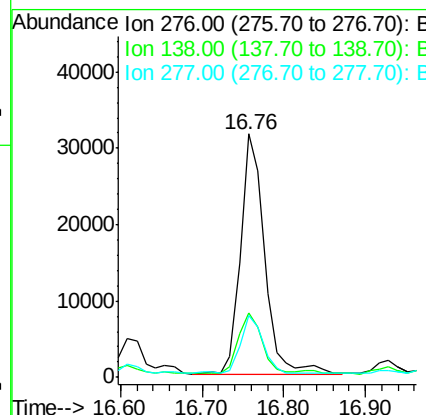
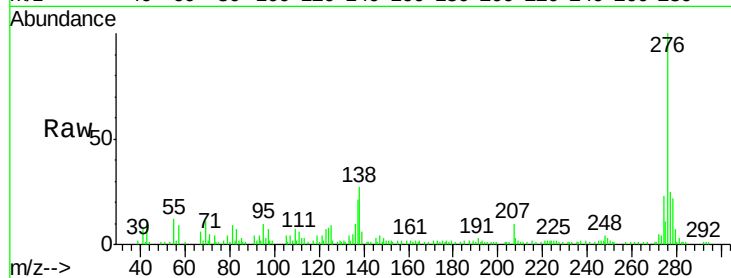
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.25 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.2	36.4
277	22.8	20.0	30.0

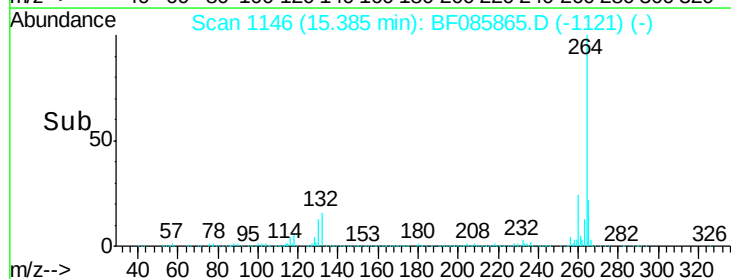
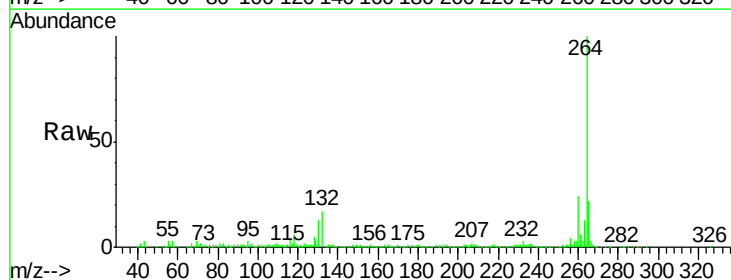
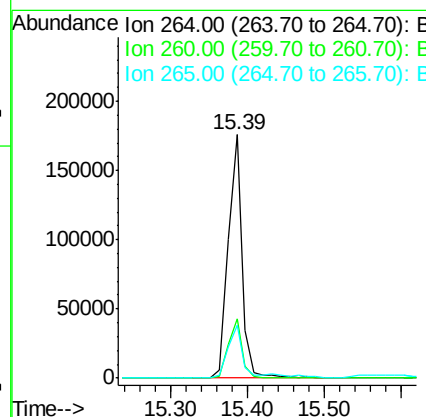
Manual Integrations
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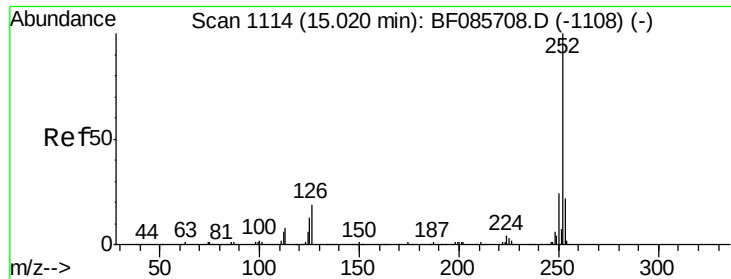
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085865.D
 Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 10.99 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Instrument :

BNA_F

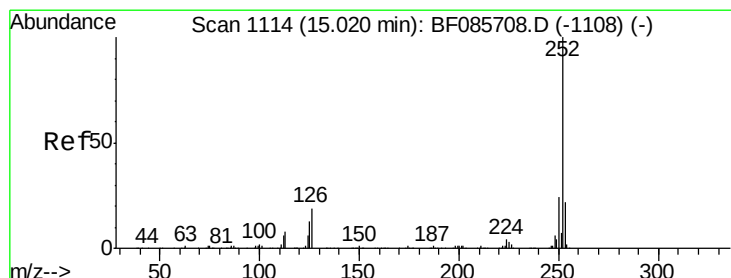
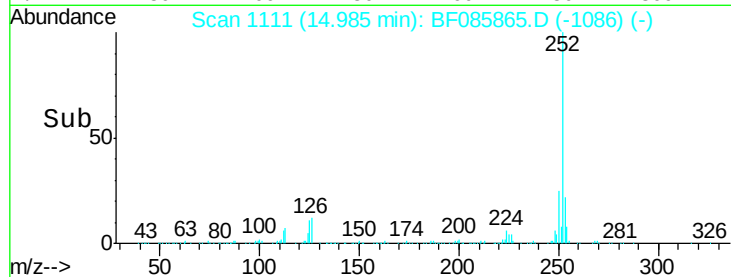
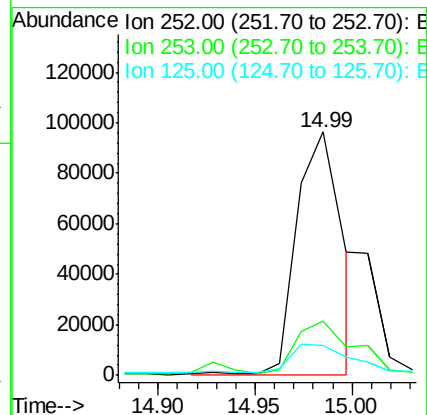
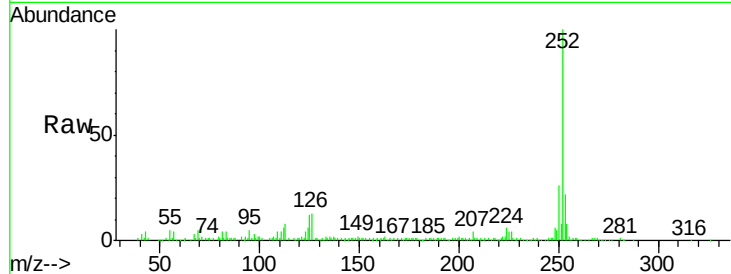
ClientSampleId :

TP-8

Tgt Ion:	252	Resp:	156819
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	12.5	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.17 ng m

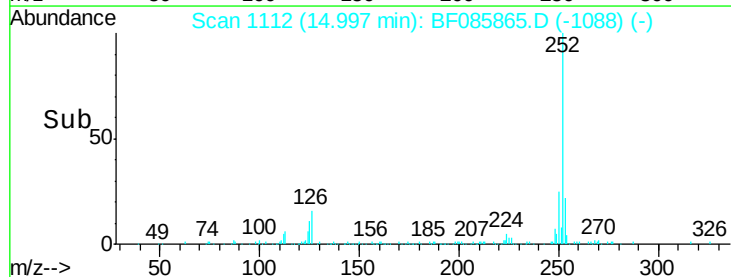
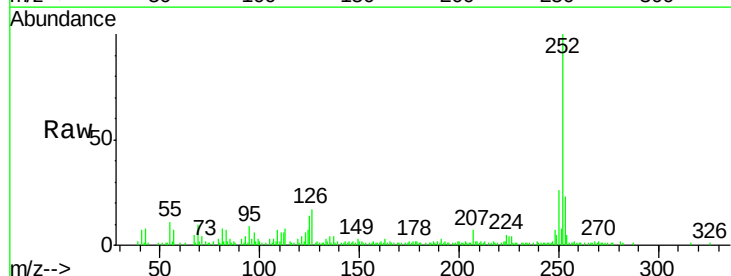
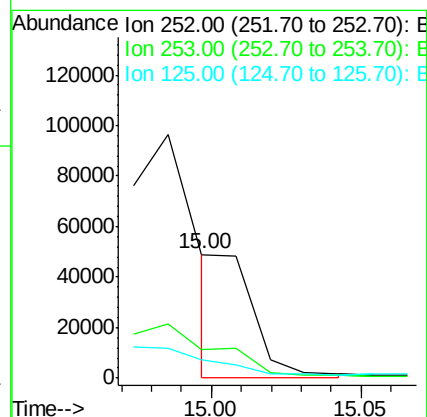
RT: 15.00 min Scan# 1112

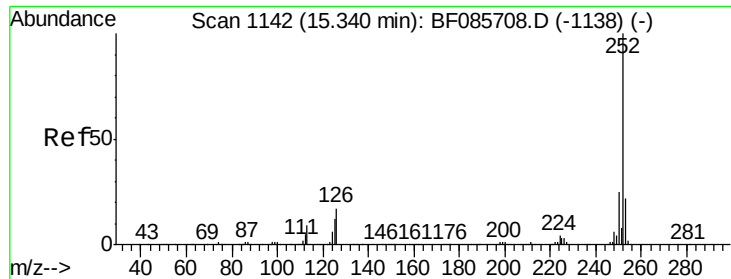
Delta R.T. -0.02 min

Lab File: BF085865.D

Acq: 29 Mar 2016 22:54

Tgt Ion:	252	Resp:	40742
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	14.3	7.7	11.5#





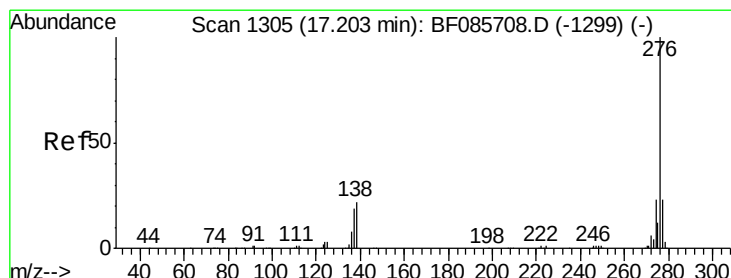
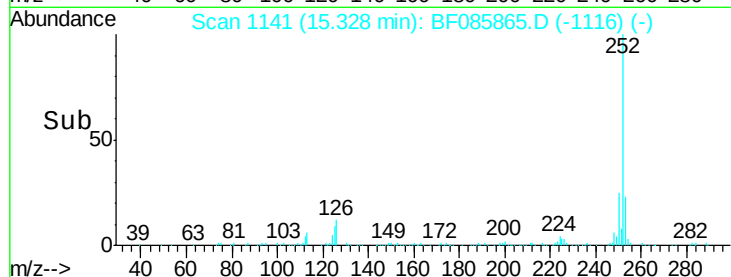
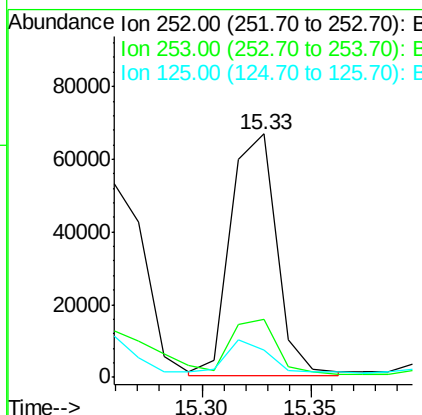
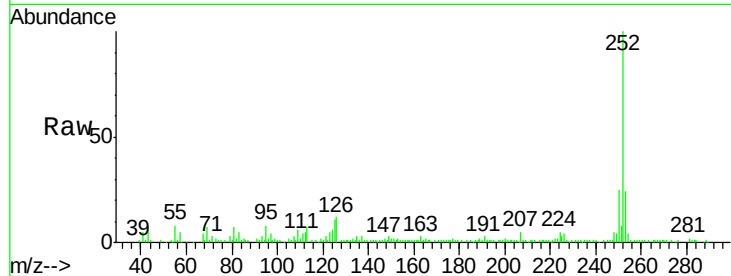
#89
Benzo(a)pyrene
Concen: 7.69 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	11.0	10.3	15.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.06 ng
RT: 17.18 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF085865.D
Acq: 29 Mar 2016 22:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	23.4	22.6	34.0

