

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085863.D
 Acq On : 29 Mar 2016 21:57
 Operator : UM/SJ
 Sample : H1970-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

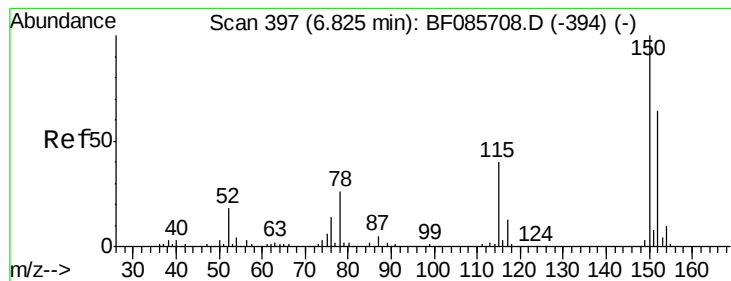
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Quant Time: Mar 30 13:27:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

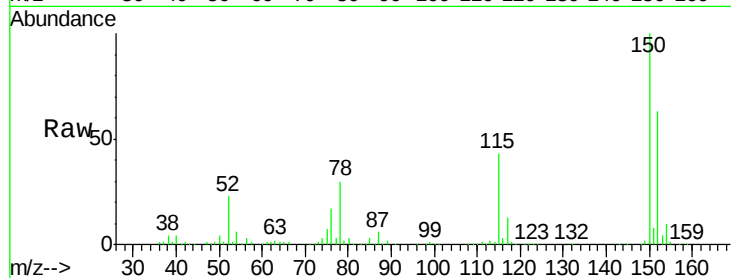
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111750	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	451693	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	190196	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	318983	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	220324	20.00	ng	-0.01
86) Perylene-d12	15.39	264	223759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	895405	133.44	ng	0.00
7) Phenol-d6	6.45	99	1202878	141.00	ng	-0.01
23) Nitrobenzene-d5	7.37	82	665107	82.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	248107	137.30	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	974907	85.64	ng	-0.02
78) Terphenyl-d14	12.92	244	716480	66.88	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	36236	7.05	ng	95
12) 1,3-Dichlorobenzene	6.74	146	45034	5.36	ng	# 94
49) Dimethylphthalate	9.57	163	200586	13.90	ng	98
74) Fluoranthene	12.54	202	45081	2.59	ng	91
77) Pyrene	12.77	202	43396	2.40	ng	99
80) Benzo(a)anthracene	13.96	228	31103	2.48	ng	94
82) Chrysene	13.99	228	31090m	2.46	ng	
83) Bis(2-ethylhexyl)phthalate	13.98	149	32580	3.59	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.76	276	44575	4.56	ng	93
87) Benzo(b)fluoranthene	14.97	252	60987m	4.33	ng	
88) Benzo(k)fluoranthene	14.99	252	29827m	2.35	ng	
89) Benzo(a)pyrene	15.32	252	48381	3.87	ng	# 91
91) Benzo(g,h,i)perylene	17.17	276	47819	4.06	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 395
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

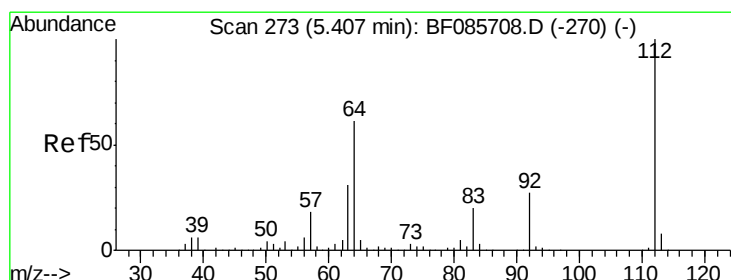
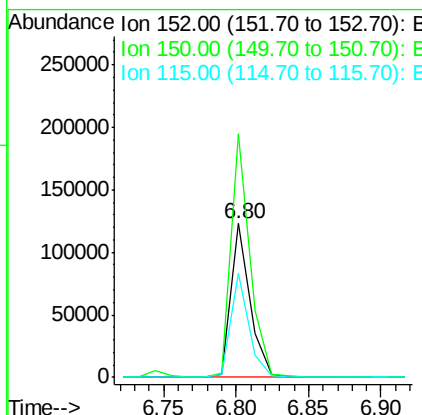
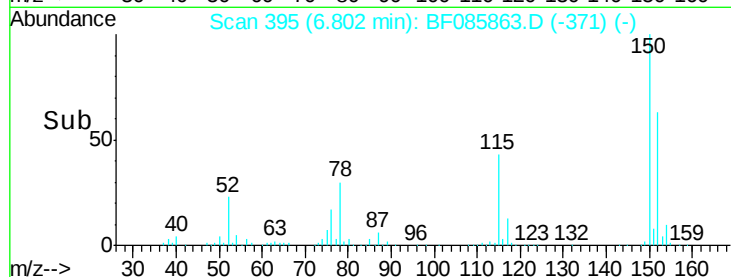
Instrument :
 BNA_F
 ClientSampleId :
 TP-5



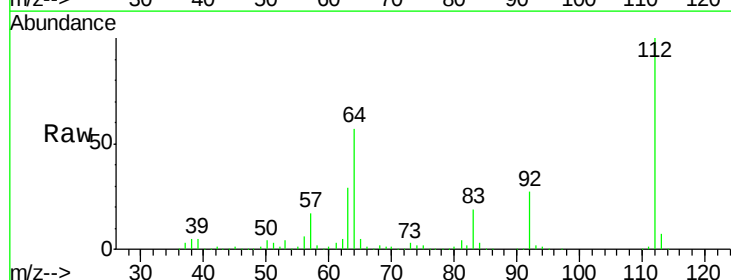
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.2	186.2
115	67.7	47.0	70.6

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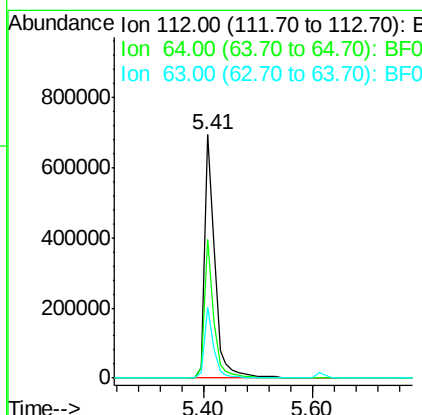
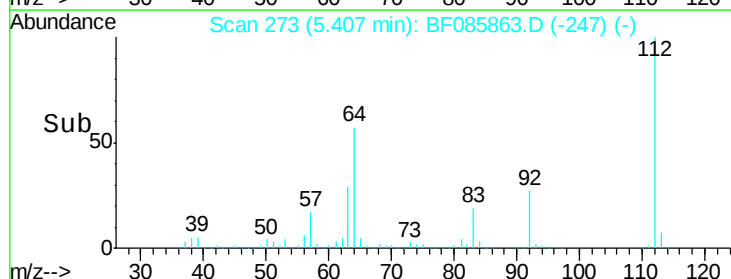
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#5
 2-Fluorophenol
 Concen: 133.44 ng
 RT: 5.41 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57



Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	39.9	59.9
63	29.3	20.2	30.2





#7

Phenol-d6

Concen: 141.00 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampled :

TP-5

Tgt Ion: 99 Resp: 1202878

Ion Ratio Lower Upper

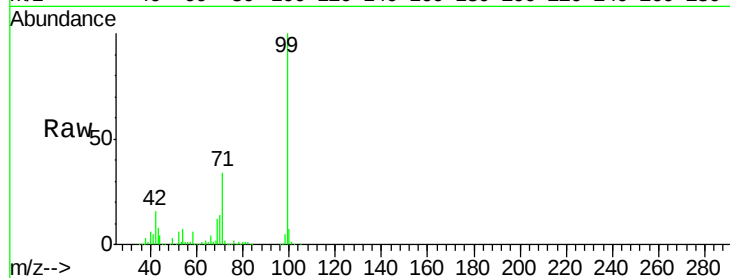
99 100

42 15.9 11.1 16.7

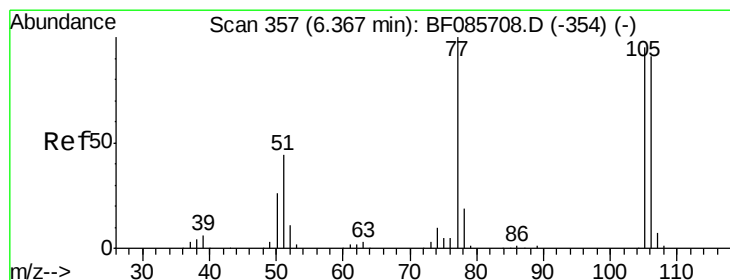
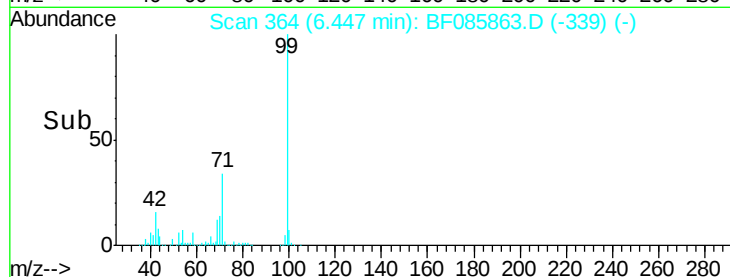
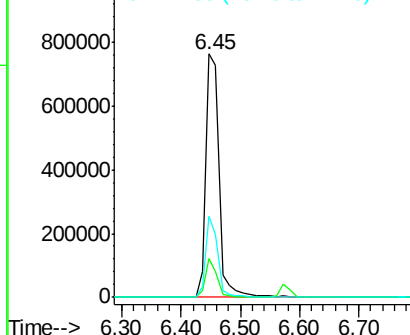
71 33.5 24.9 37.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 7.05 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

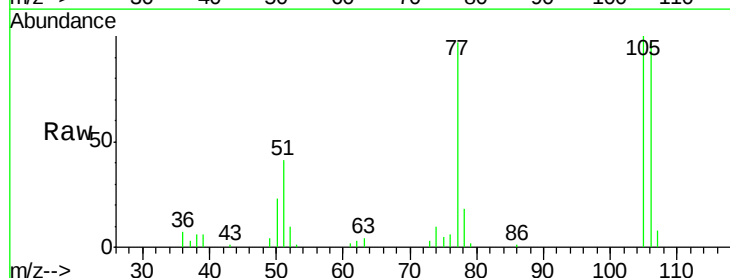
Tgt Ion: 77 Resp: 36236

Ion Ratio Lower Upper

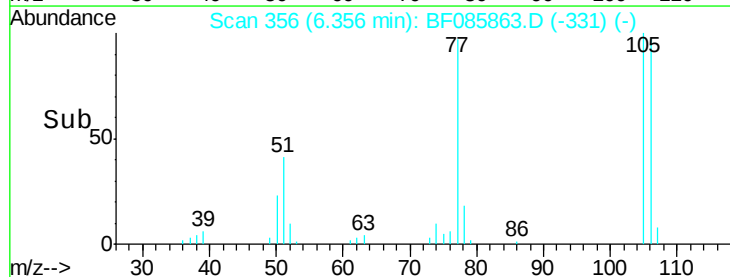
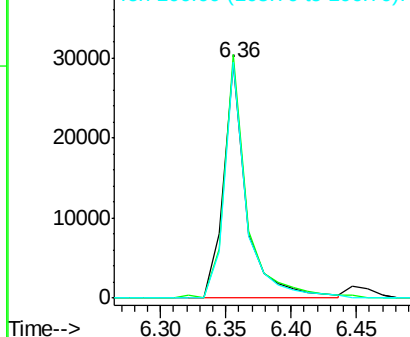
77 100

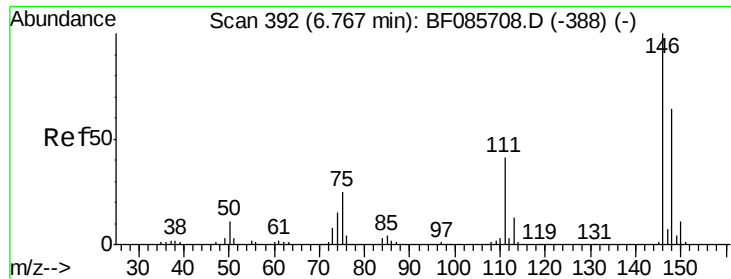
105 103.6 80.1 120.1

106 100.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





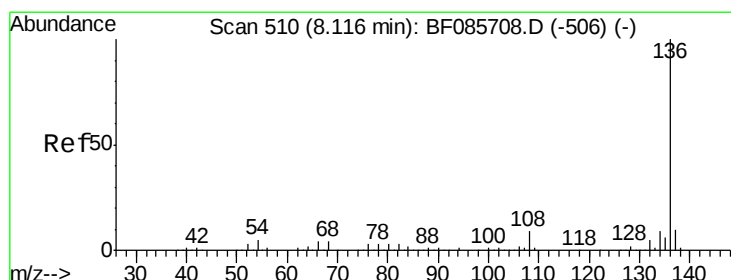
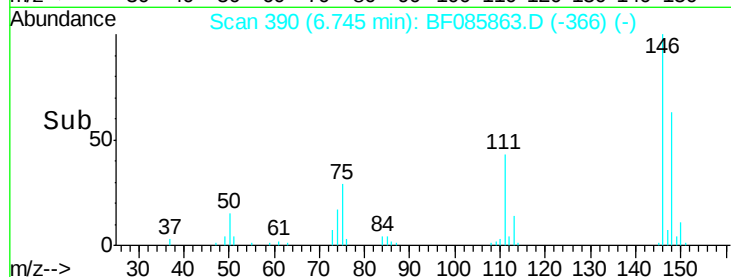
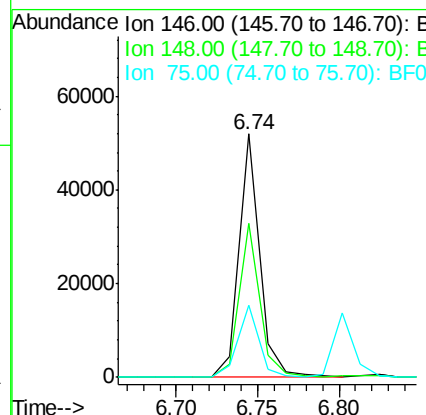
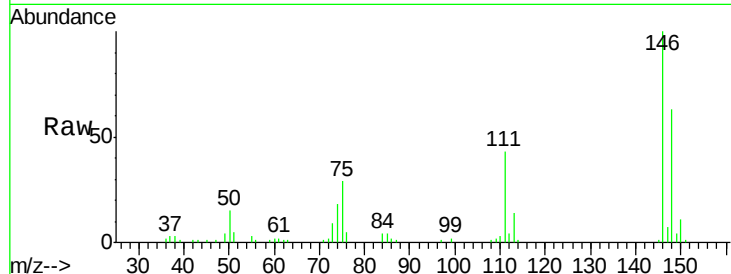
#12
 1,3-Dichlorobenzene
 Concen: 5.36 ng
 RT: 6.74 min Scan# 390
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
75	29.4	17.4	26.2

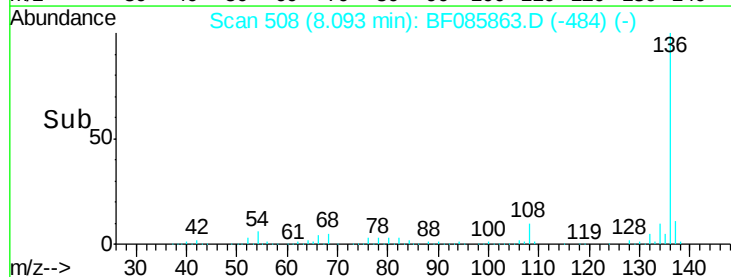
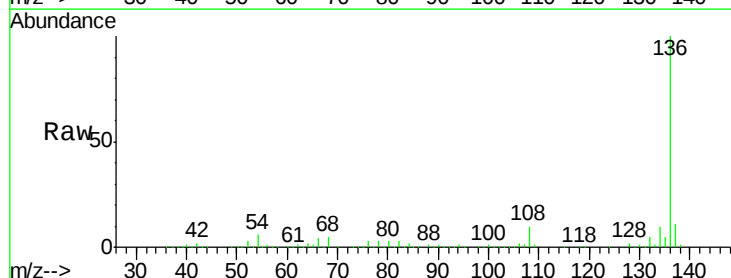
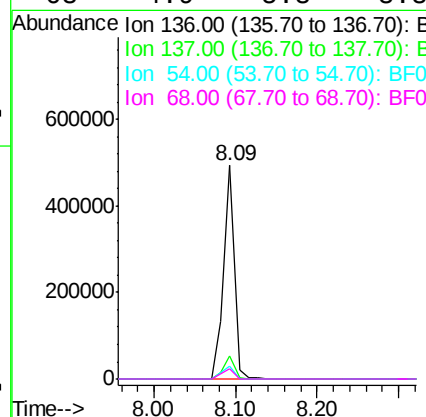
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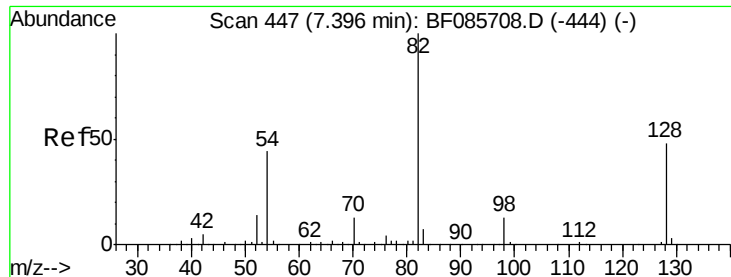
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	7.4	11.0
68	4.9	5.8	8.8





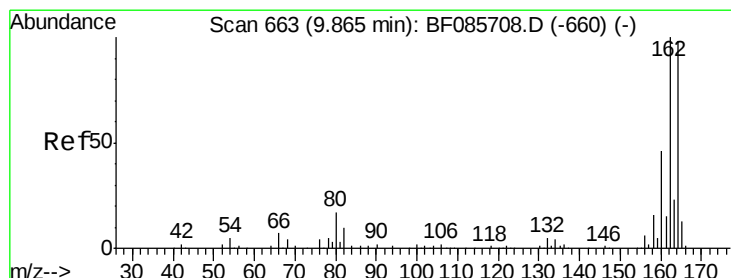
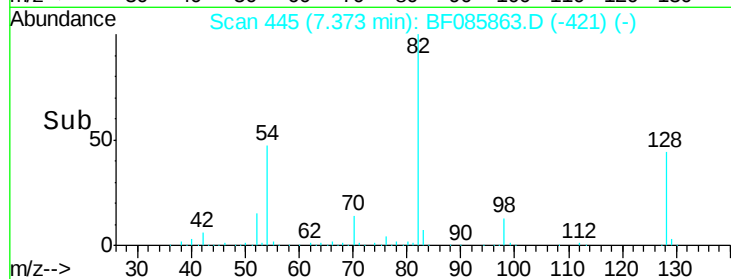
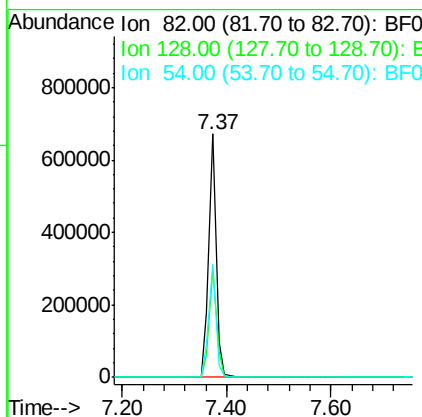
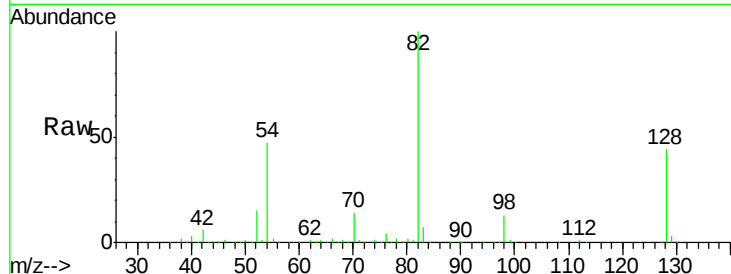
#23
 Nitrobenzene-d5
 Concen: 82.92 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	665107		
128	44.5	41.8	62.8	
54	46.6	33.4	50.0	

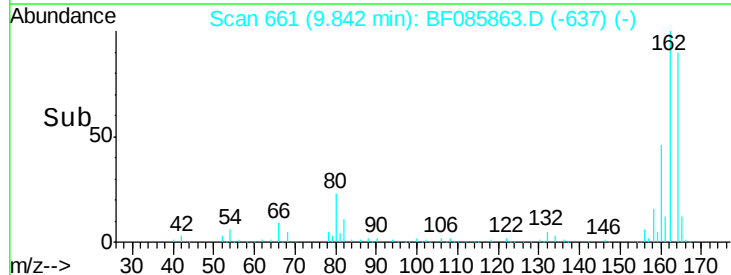
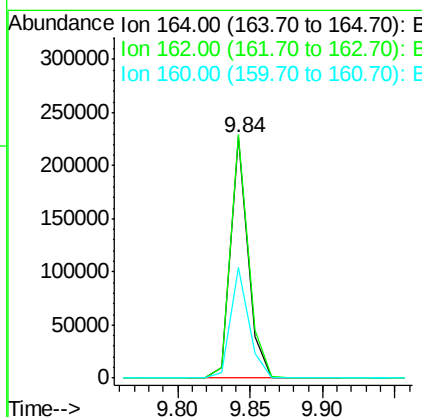
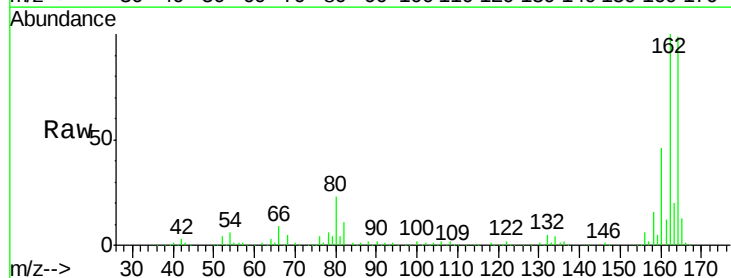
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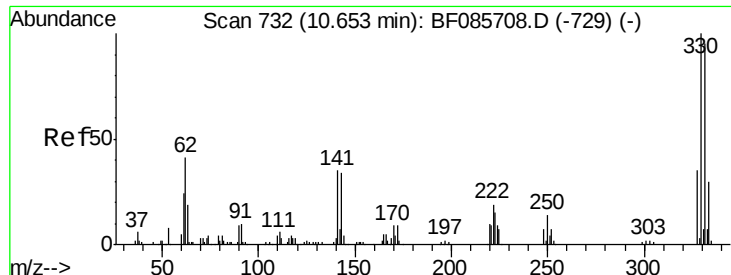
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190196		
162	101.1	82.1	123.1	
160	46.0	37.4	56.2	





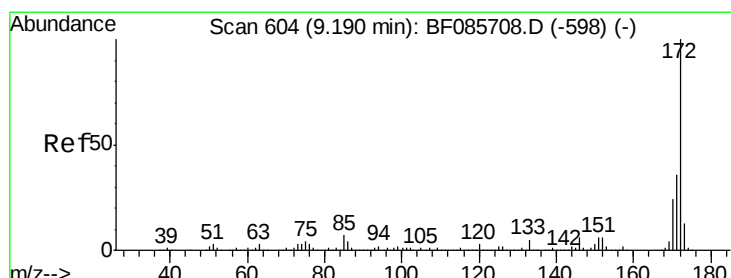
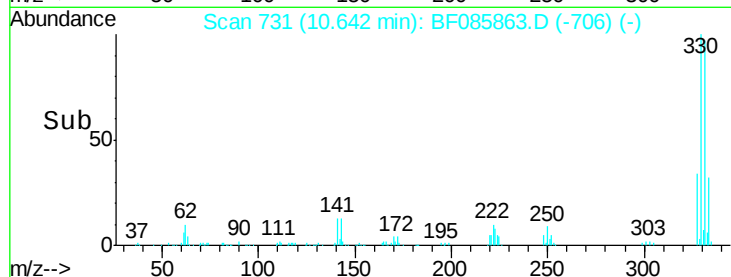
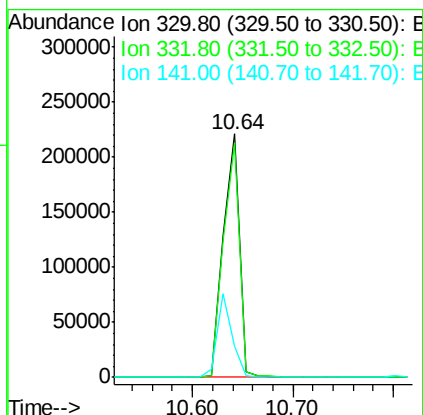
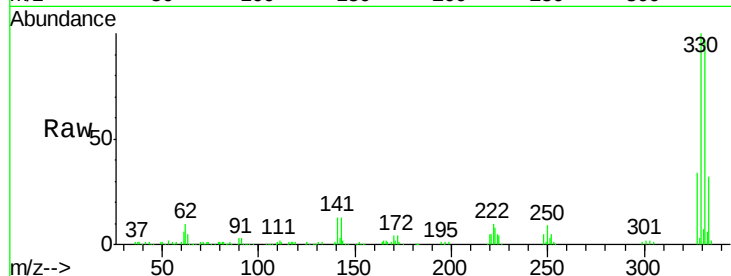
#41
 2,4,6-Tribromophenol
 Concen: 137.30 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248107		
332	96.2	78.2	117.2	
141	32.3	31.5	47.3	

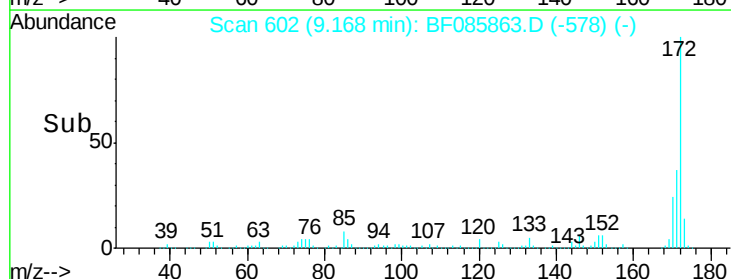
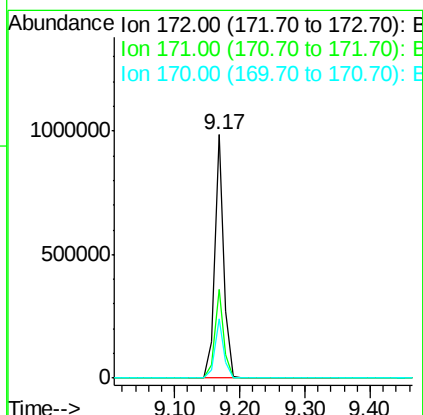
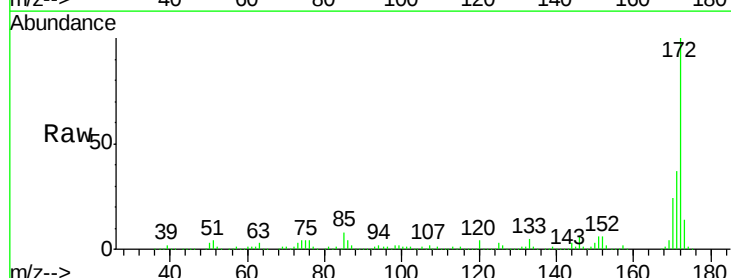
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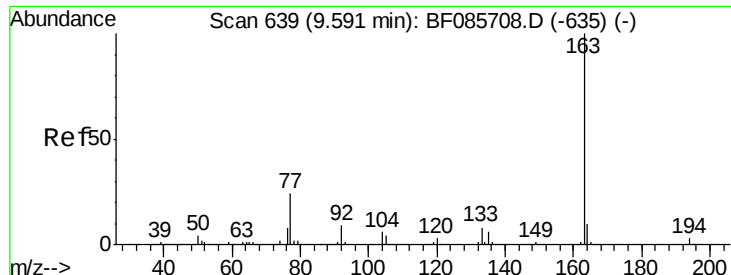
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#44
 2-Fluorobiphenyl
 Concen: 85.64 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	974907		
171	36.7	29.4	44.2	
170	24.4	19.8	29.6	





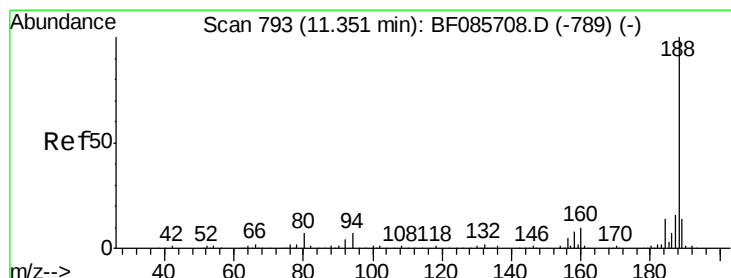
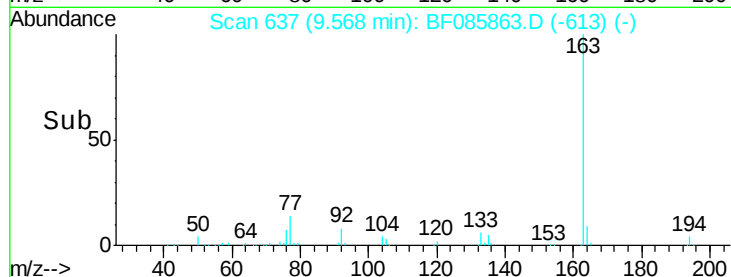
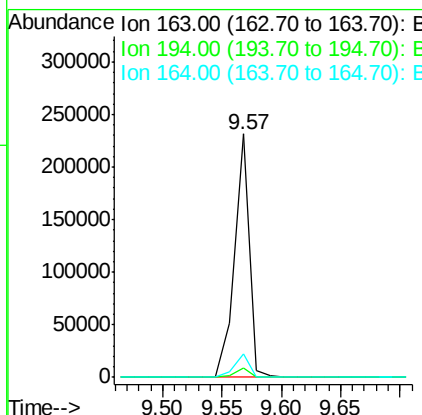
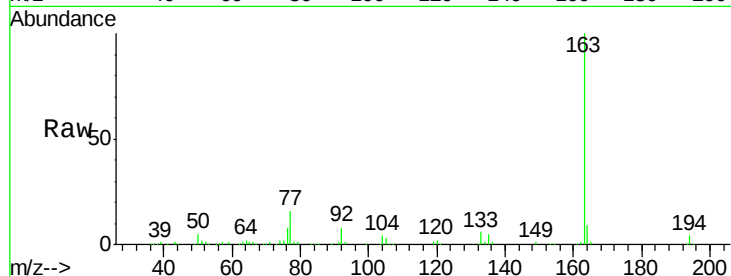
#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	9.4	8.3	12.5

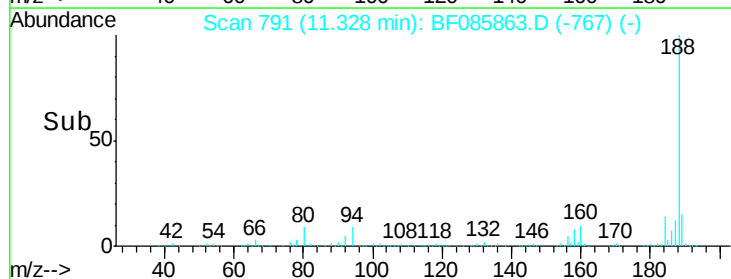
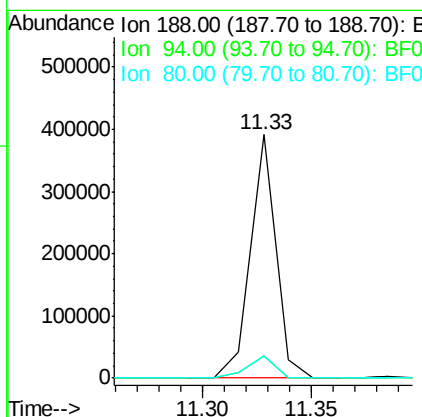
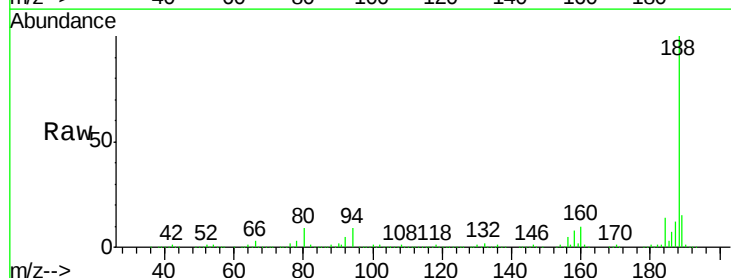
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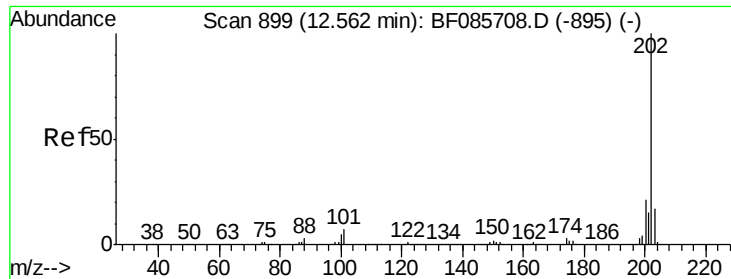
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	5.4	8.0#
80	9.1	5.5	8.3#





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

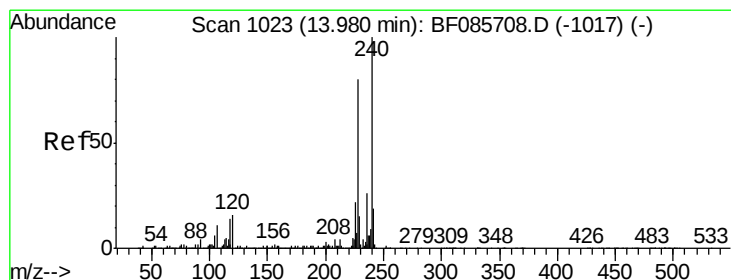
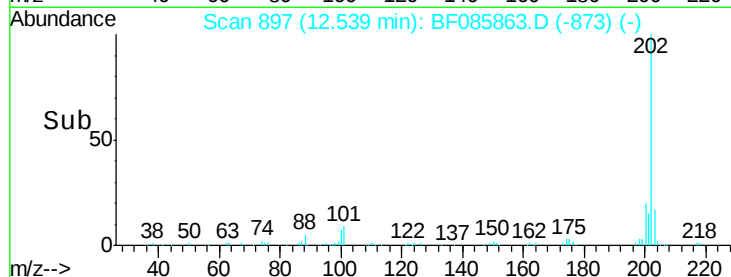
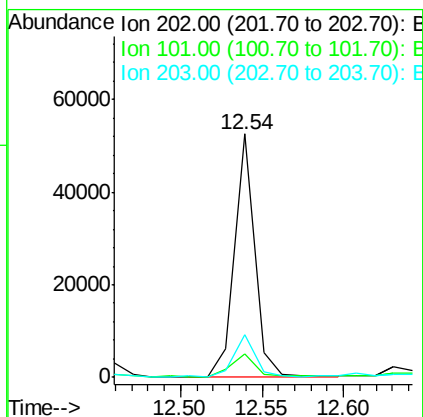
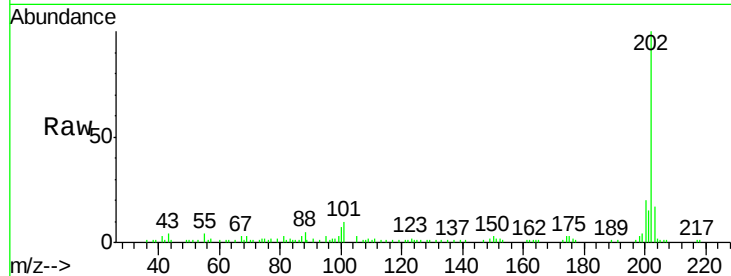
ClientSampleId :

TP-5

Tgt	Ion	202	Resp:	45081
Ion	Ratio		Lower	Upper
202	100			
101	9.6	0.0	36.6	
203	17.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

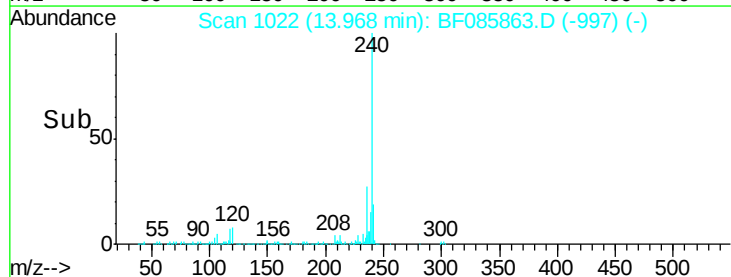
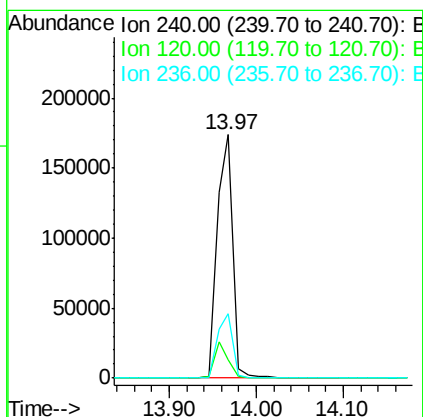
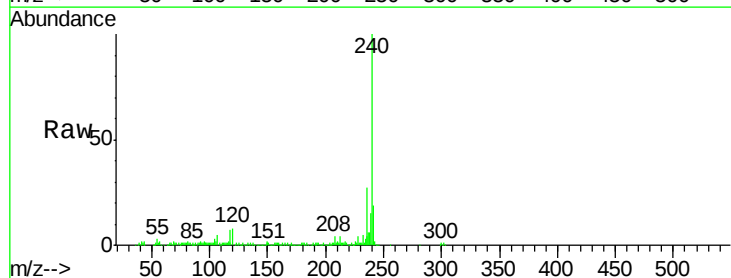
RT: 13.97 min Scan# 1022

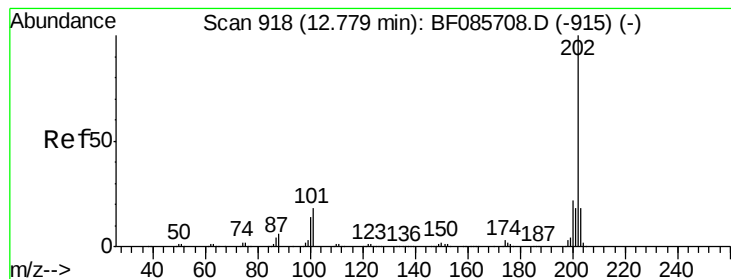
Delta R.T. -0.01 min

Lab File: BF085863.D

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Tgt	Ion	240	Resp:	220324
Ion	Ratio		Lower	Upper
240	100			
120	7.8	13.8	20.8#	
236	26.7	20.6	30.8	





#77

Pyrene

Concen: 2.40 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

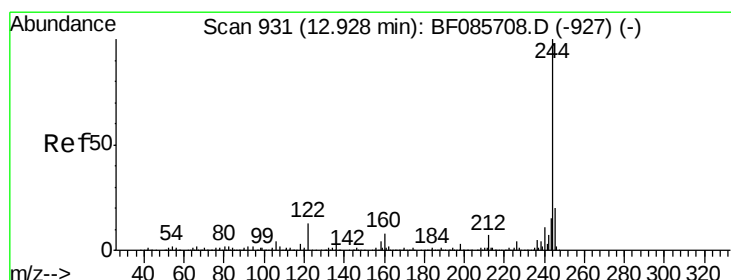
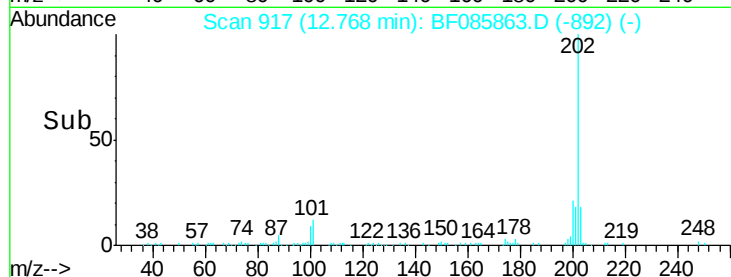
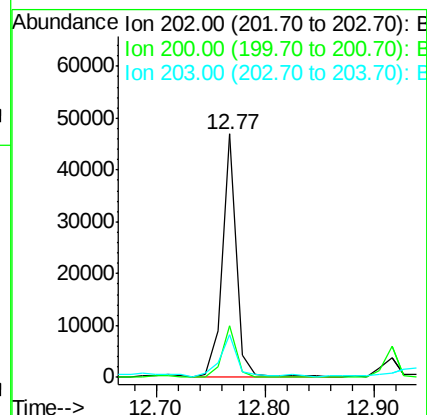
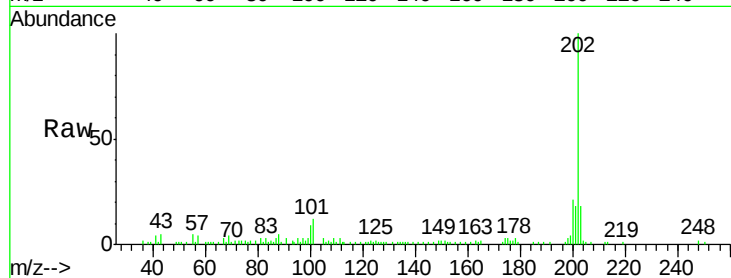
ClientSampleId :

TP-5

Tgt Ion:	202	Resp:	43396
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	17.7	14.0	21.0

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#78

Terphenyl-d14

Concen: 66.88 ng

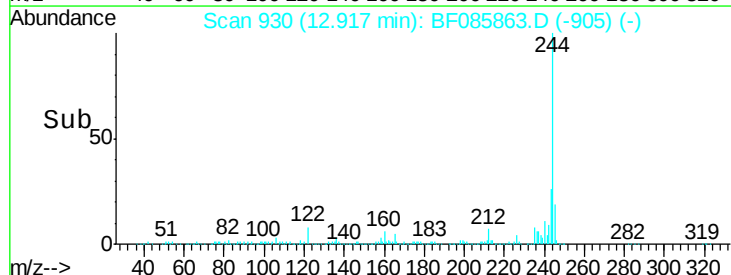
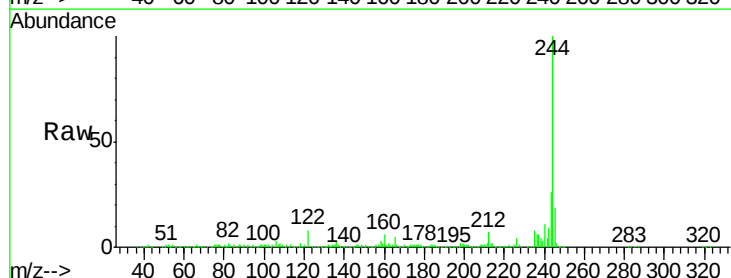
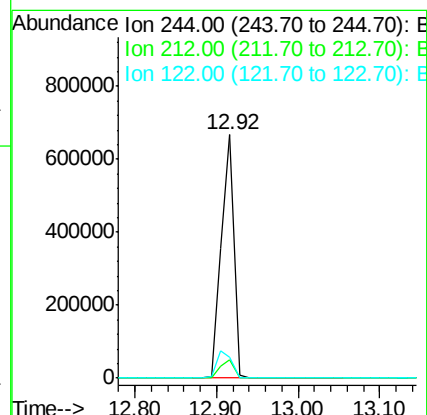
RT: 12.92 min Scan# 930

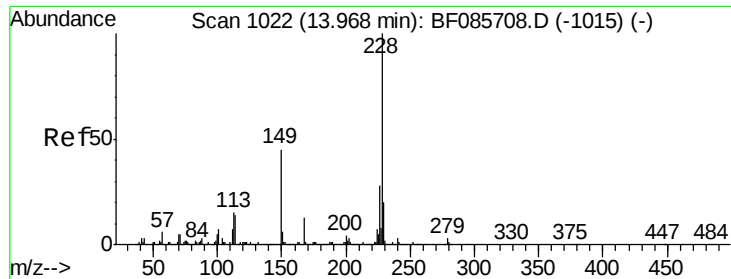
Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Tgt Ion:	244	Resp:	716480
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	8.4	10.2	15.4#





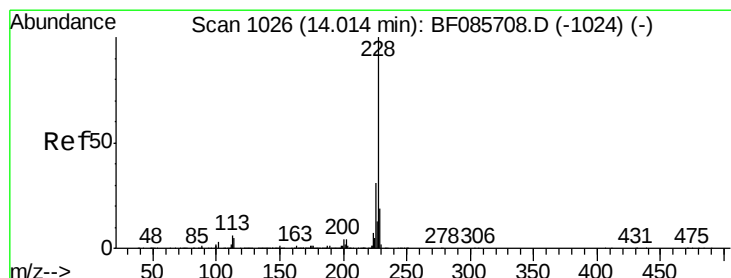
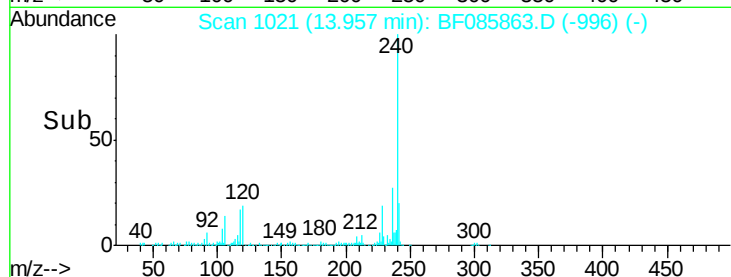
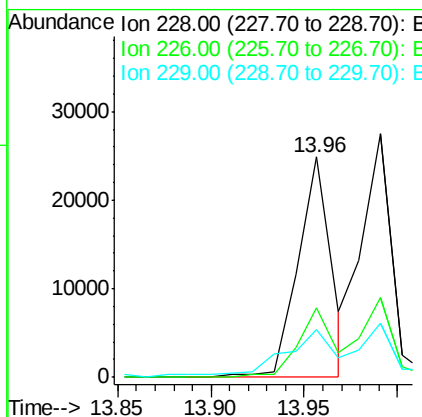
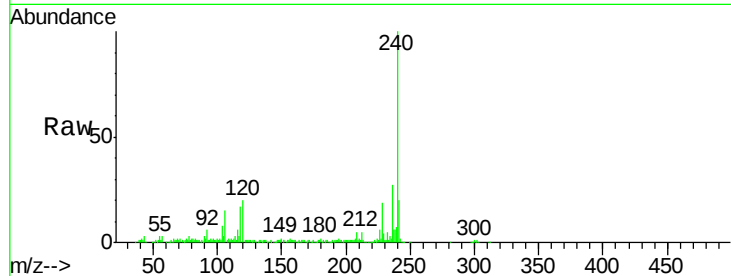
#80
Benzo(a)anthracene
Concen: 2.48 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Instrument :
BNA_F
ClientSampled :
TP-5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.1	33.1
229	21.9	16.2	24.4

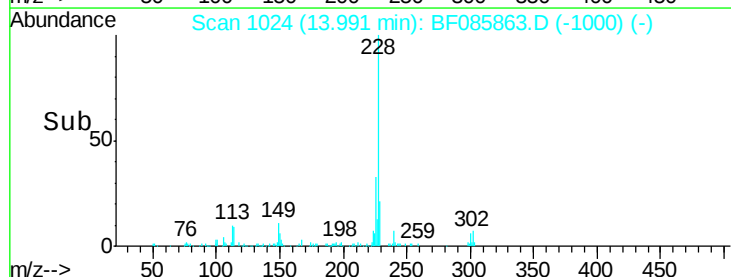
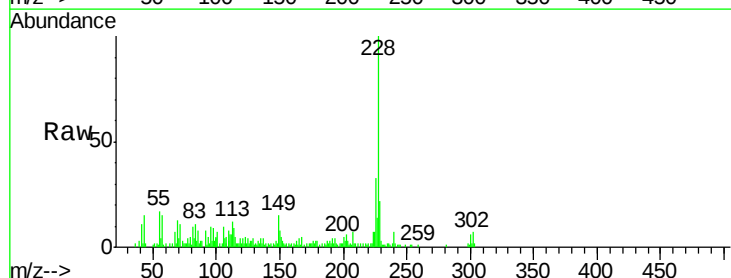
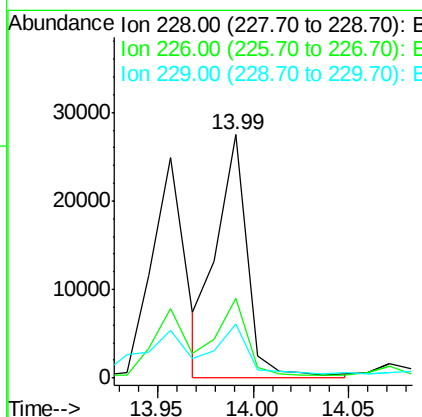
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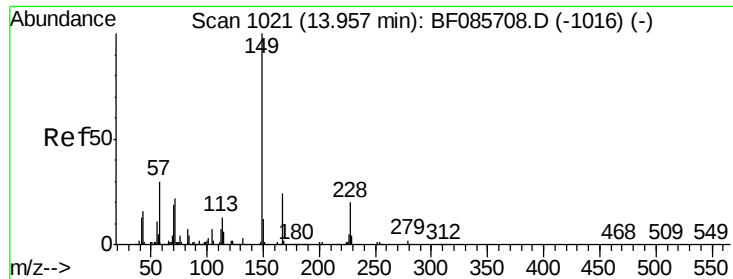
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#82
Chrysene
Concen: 2.46 ng m
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	22.4	15.7	23.5





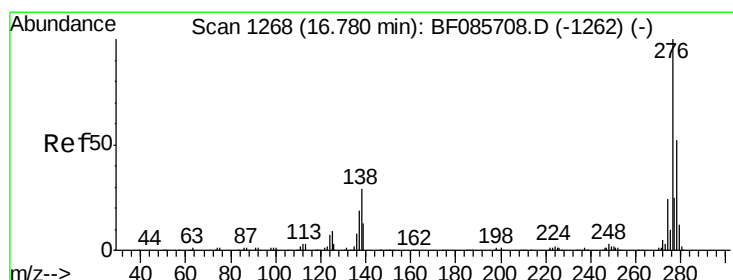
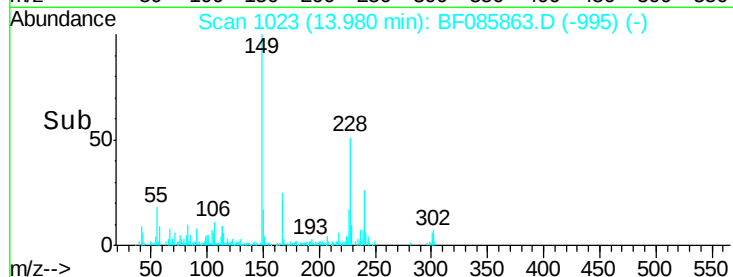
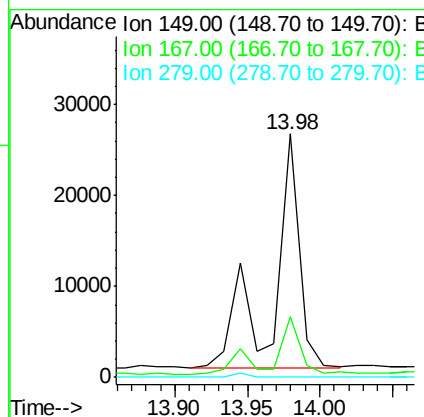
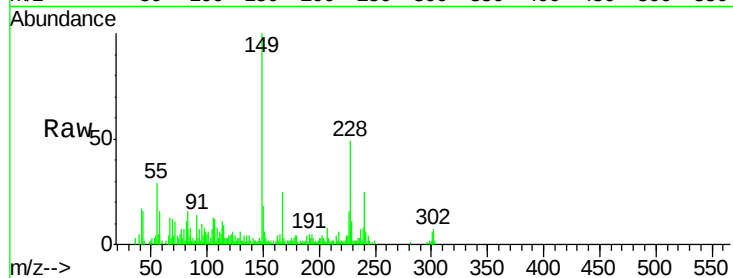
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.59 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.4	29.2
279	0.0	1.5	2.3#

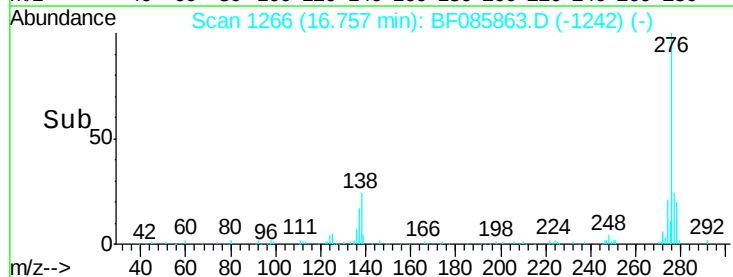
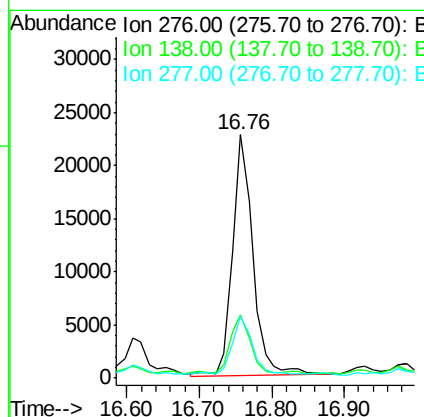
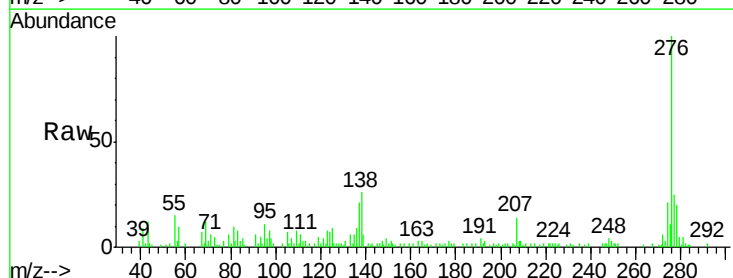
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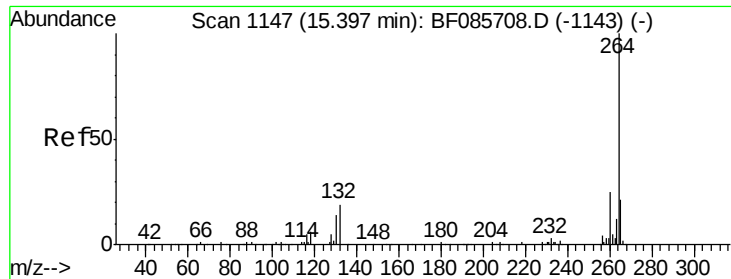
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.56 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	24.2	36.4
277	26.8	20.0	30.0





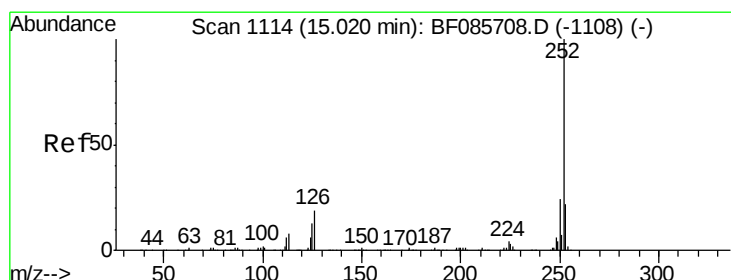
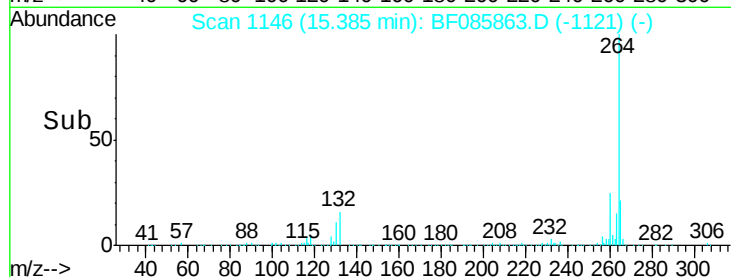
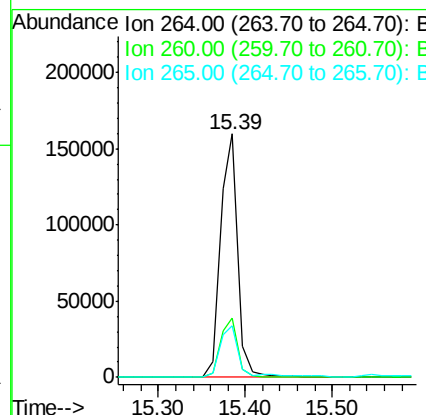
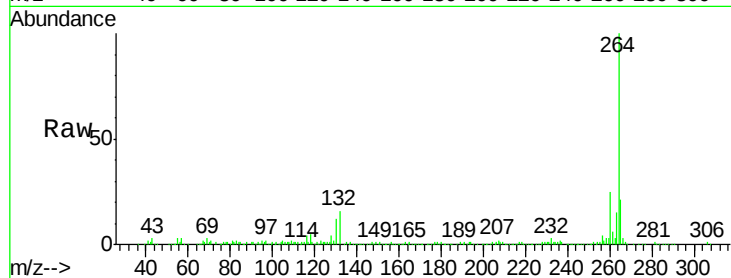
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.2	17.2	25.8

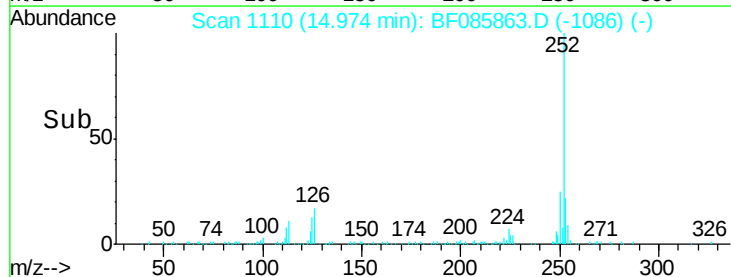
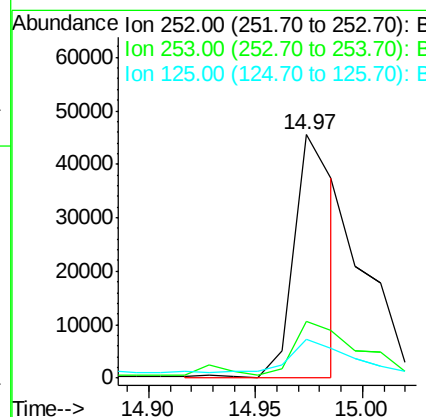
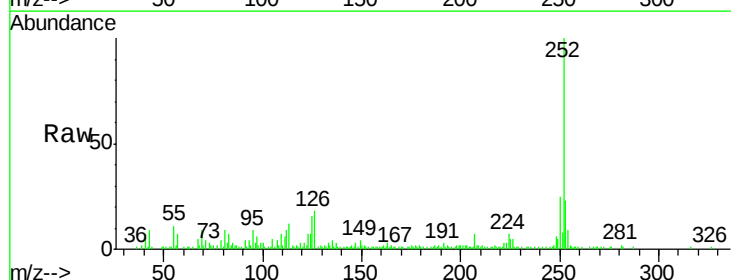
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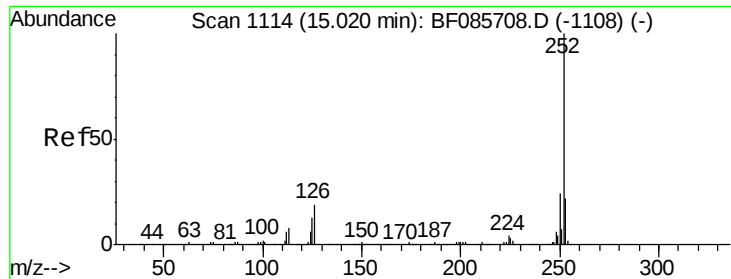
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#87
Benzo(b)fluoranthene
Concen: 4.33 ng m
RT: 14.97 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	15.8	10.3	15.5#





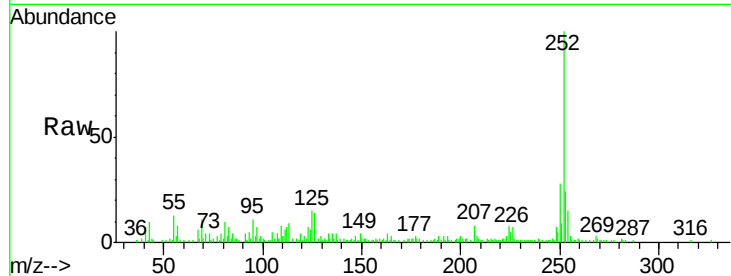
#88
Benzo(k)fluoranthene
Concen: 2.35 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Instrument :
BNA_F
ClientSampleId :
TP-5

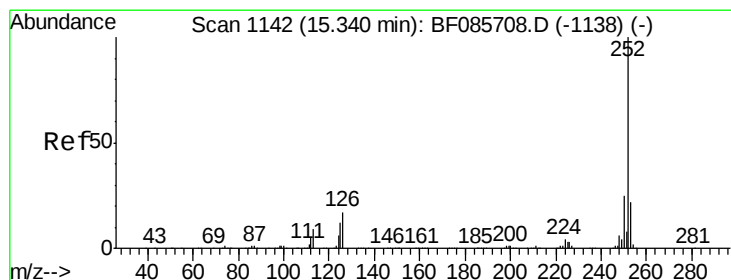
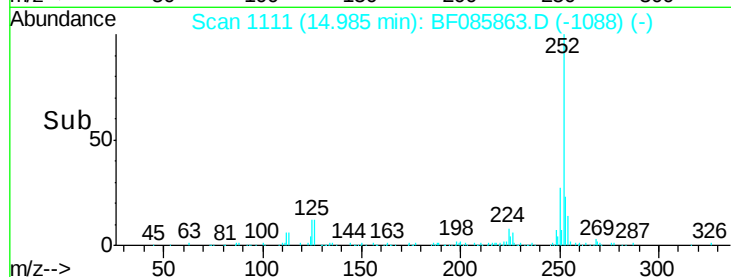
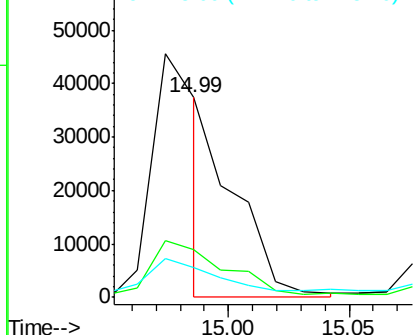
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	14.8	7.7	11.5

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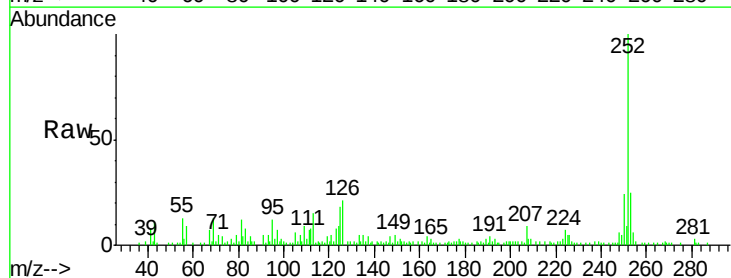


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

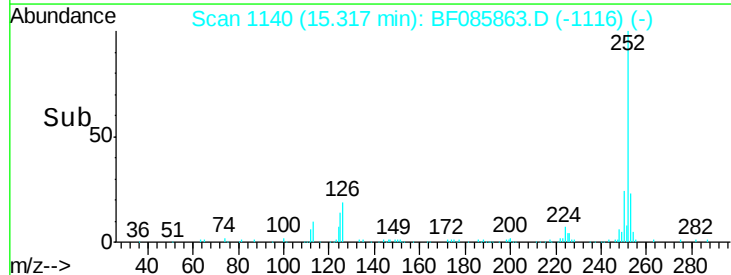
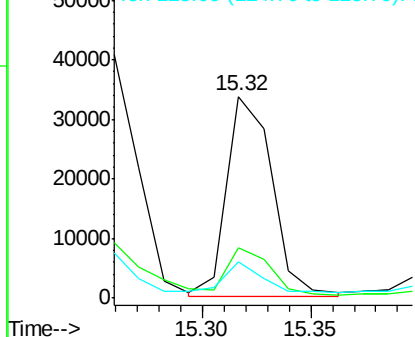


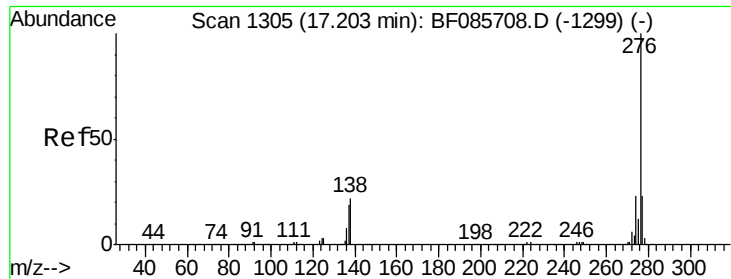
#89
Benzo(a)pyrene
Concen: 3.87 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	17.7	10.3	15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 4.06 ng
 RT: 17.17 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	28.2	22.6	34.0

Manual Integrations
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