

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085771.D
 Acq On : 25 Mar 2016 19:48
 Operator : UM/SJ
 Sample : H1855-07 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Manual Integrations
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Quant Time: Mar 25 23:43:46 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	129235	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	495717	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	221667	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	357393	20.00	ng	0.00
75) Chrysene-d12	13.98	240	254321	20.00	ng	0.00
86) Perylene-d12	15.40	264	225690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	28972	3.73	ng	0.01
7) Phenol-d6	6.46	99	40228	4.08	ng	0.00
23) Nitrobenzene-d5	7.38	82	18674	2.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	6040	2.87	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	36292	2.74	ng	-0.01
78) Terphenyl-d14	12.93	244	26038	2.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	138018	8.21	ng	100
70) Phenanthrene	11.37	178	296208	16.14	ng	98
71) Anthracene	11.42	178	52442	2.72	ng	98
74) Fluoranthene	12.56	202	609202	31.23	ng	88
77) Pyrene	12.78	202	507161	24.26	ng	98
80) Benzo(a)anthracene	13.97	228	239772	16.53	ng	98
82) Chrysene	14.00	228	184771	12.65	ng	98
85) Indeno(1,2,3-cd)pyrene	16.78	276	105184	9.33	ng	94
87) Benzo(b)fluoranthene	15.00	252	266735m	18.76	ng	
88) Benzo(k)fluoranthene	15.01	252	97153m	7.58	ng	
89) Benzo(a)pyrene	15.34	252	173054	13.71	ng	98
91) Benzo(a,h,i)perylene	17.20	276	96314	8.11	ng	94

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

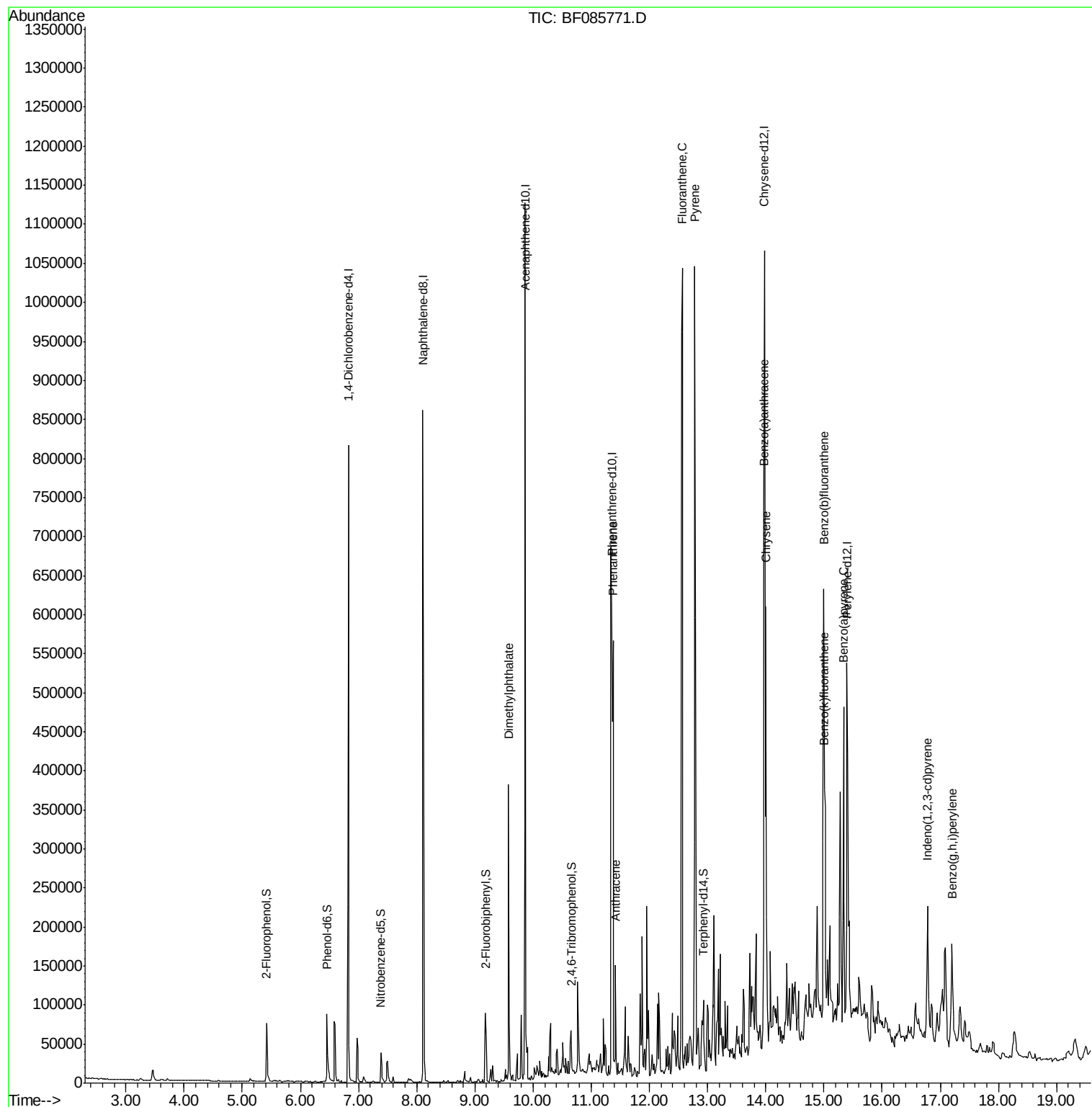
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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ALS Vial : 57 Sample Multiplier: 1

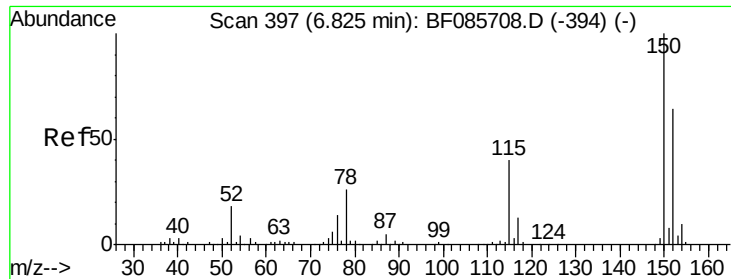
Instrument :
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SB-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

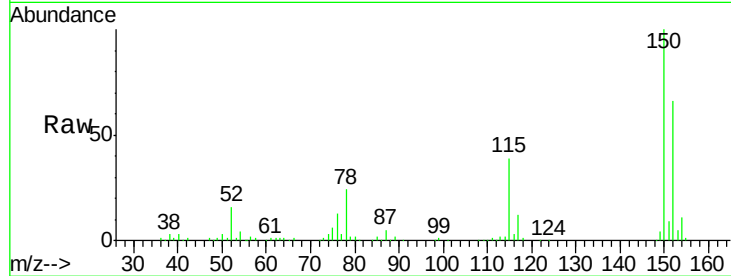
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

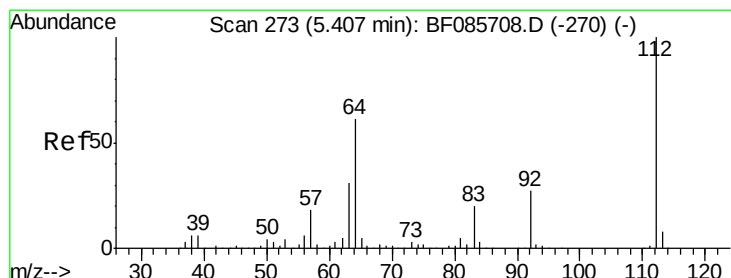
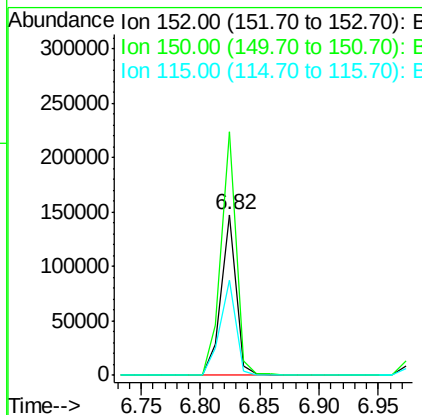
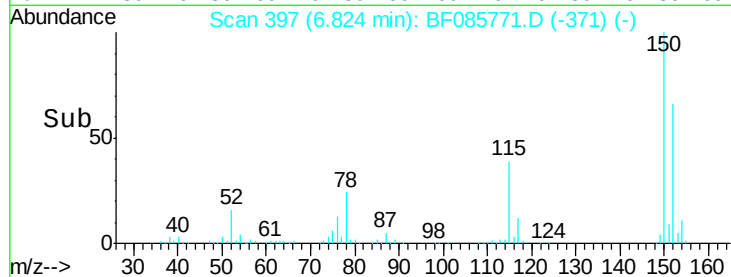
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.2	186.2
115	59.0	47.0	70.6

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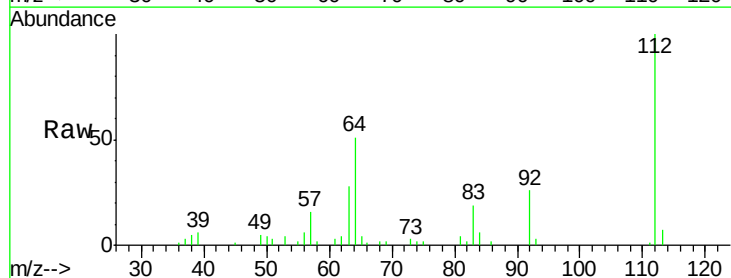
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



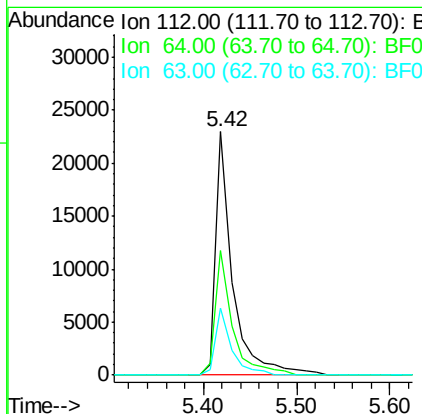
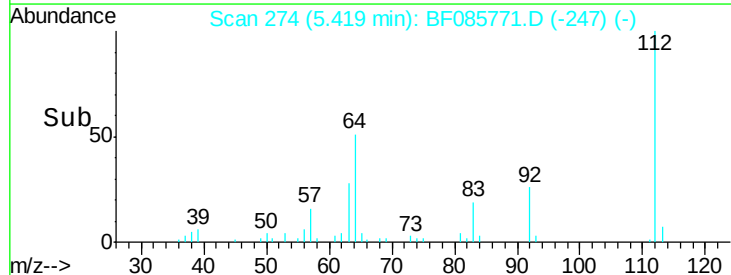
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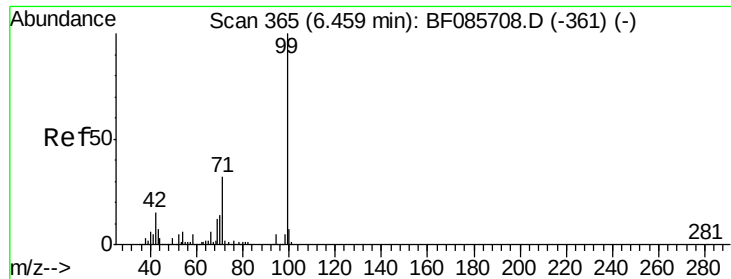
2-Fluorophenol
 Concen: 3.73 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.9	59.9
63	27.6	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: 4.08 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Instrument :

BNA_F

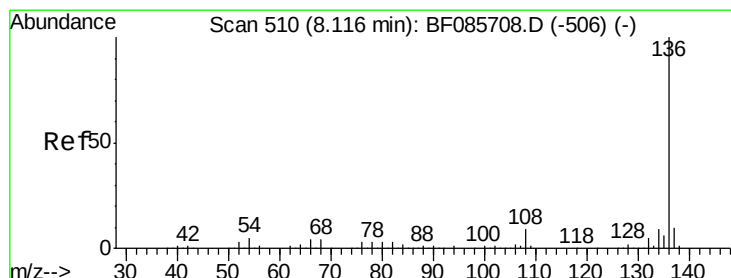
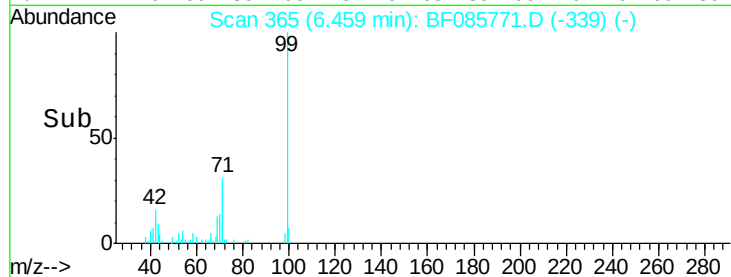
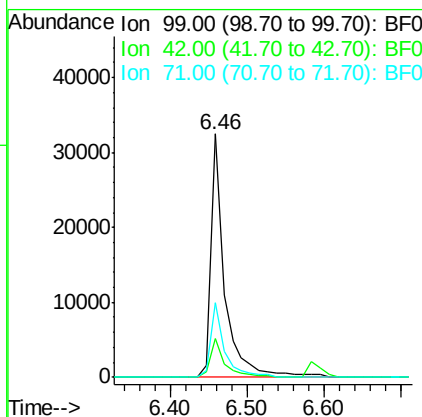
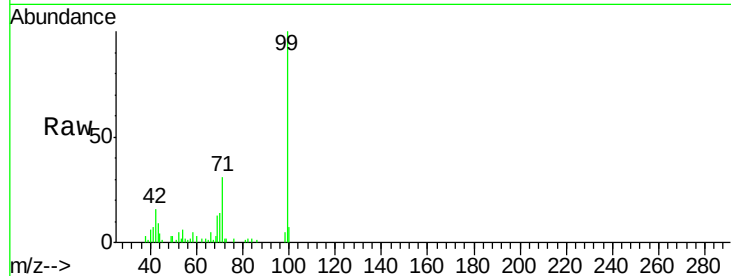
ClientSampleId :

SB-5

Tot Ion:	99	Resp:	40228
Ion Ratio	Lower	Upper	
99	100		
42	15.9	11.1	16.7
71	30.8	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

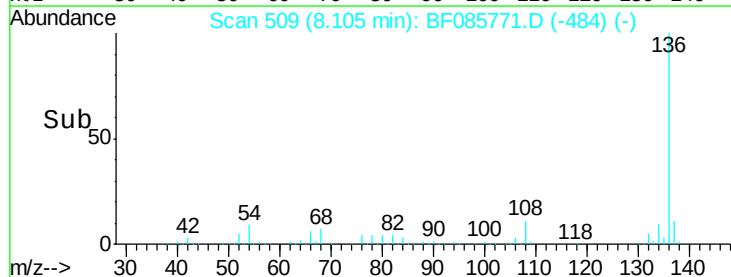
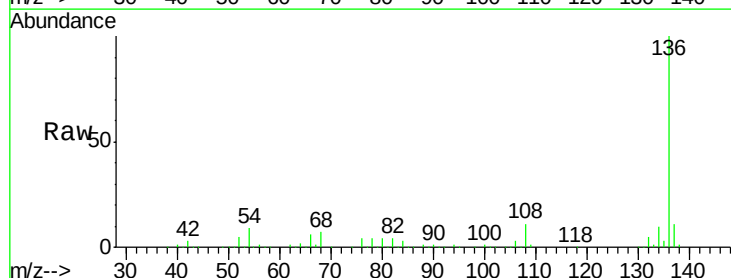
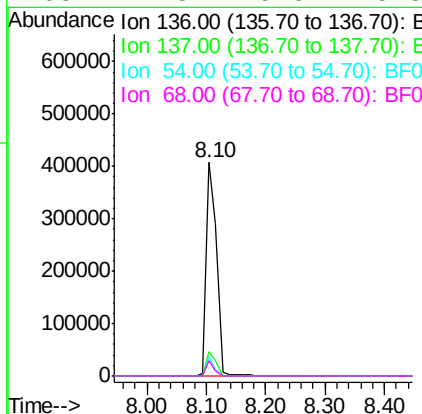
RT: 8.10 min Scan# 509

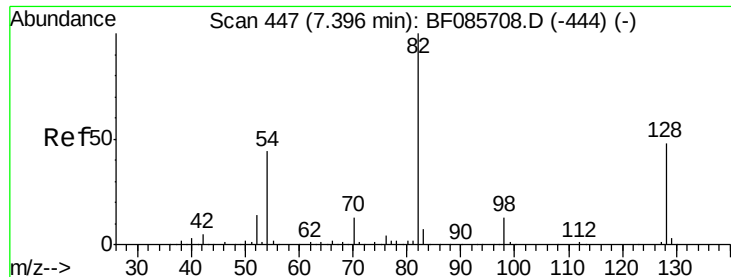
Delta R.T. -0.01 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Tgt Ion:	136	Resp:	495717
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.9	7.4	11.0
68	7.3	5.8	8.8





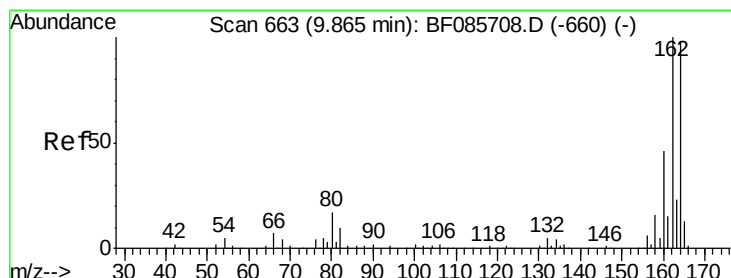
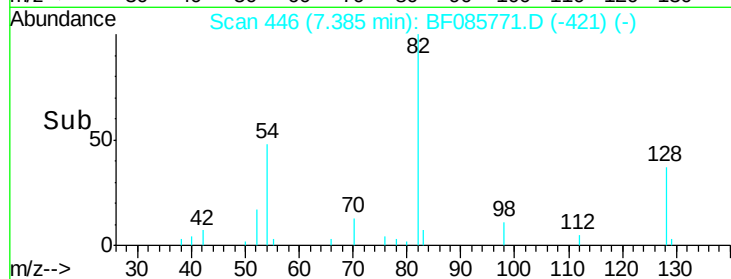
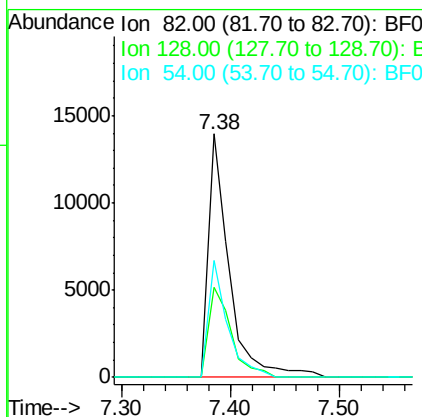
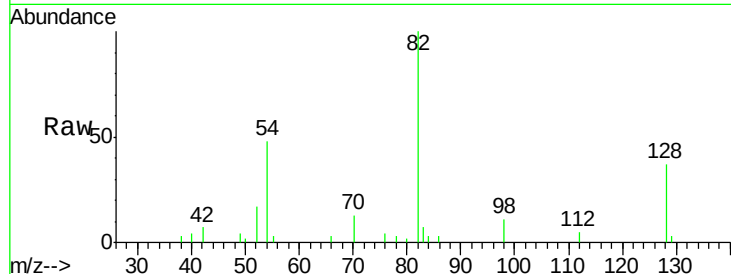
#23
 Nitrobenzene-d5
 Concen: 2.12 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Instrument :
 BNA_F
 ClientSampled :
 SB-5

Tot Ion	82	Resp	18674
Ion Ratio	100	Lower	Upper
82	100		
128	37.0	41.8	62.8#
54	47.8	33.4	50.0

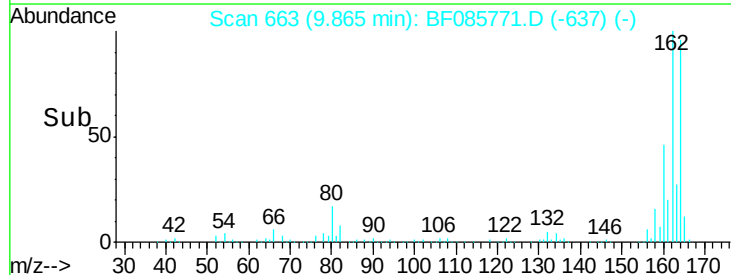
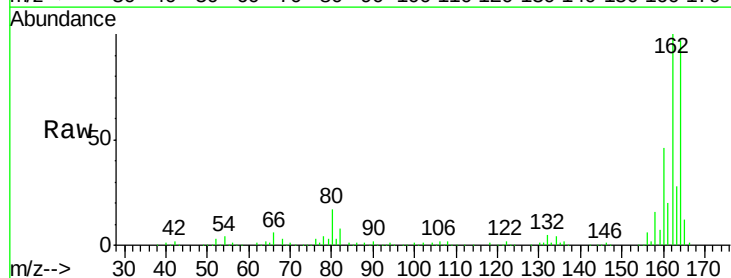
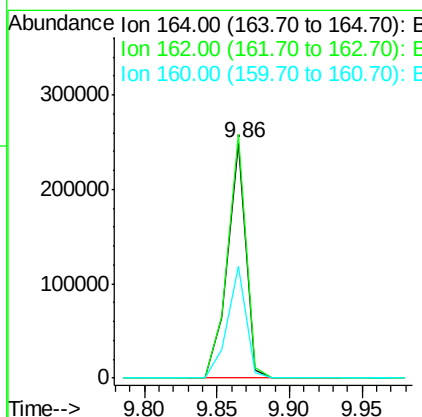
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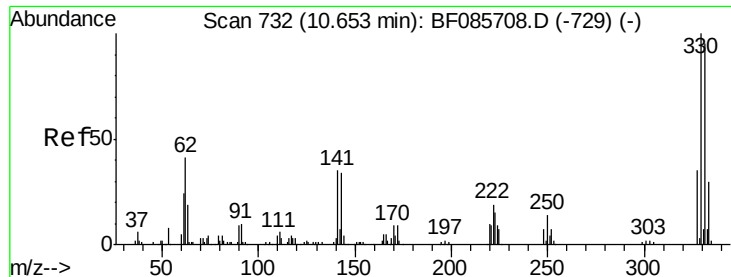
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Tgt Ion	164	Resp	221667
Ion Ratio	100	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.7	37.4	56.2





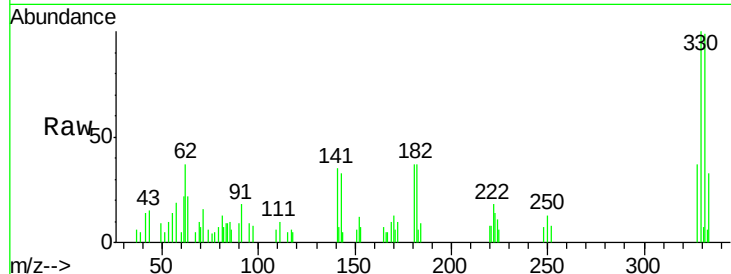
#41
 2,4,6-Tribromophenol
 Concen: 2.87 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Instrument :
 BNA_F
 ClientSampled :
 SB-5

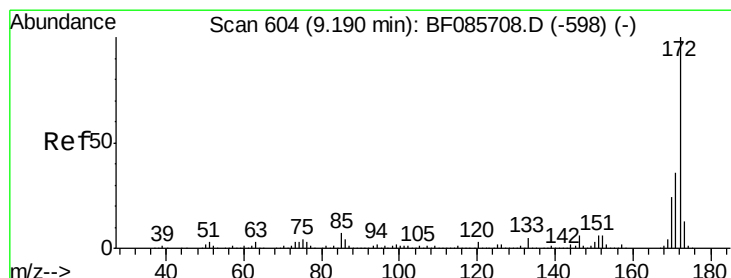
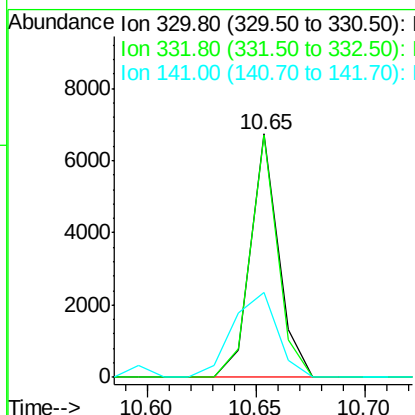
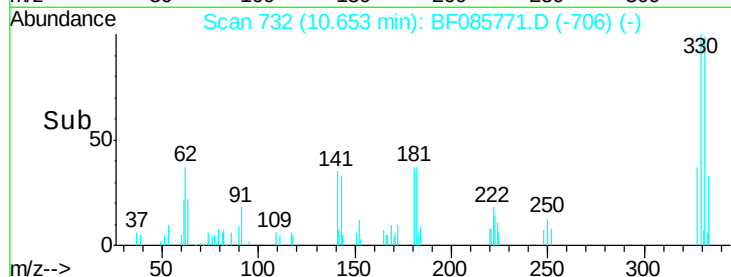
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	56.1	31.5	47.3

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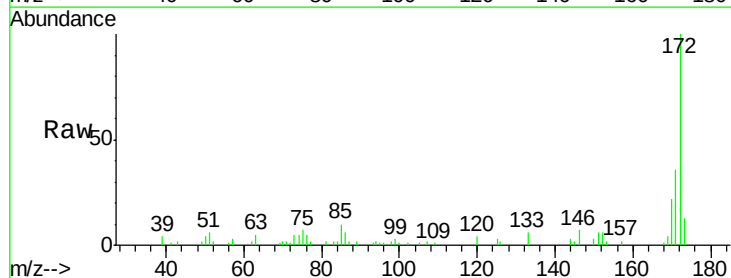


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

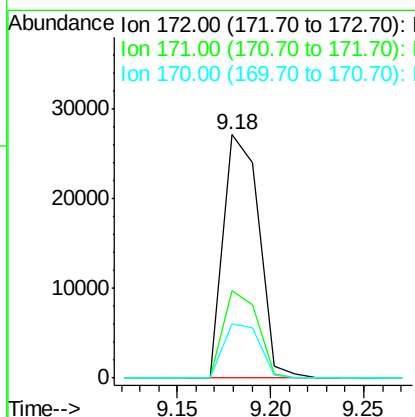
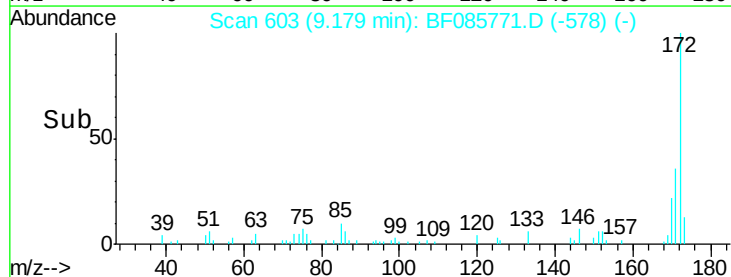


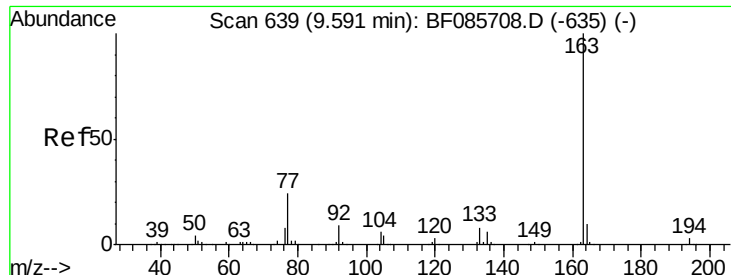
#44
 2-Fluorobiphenyl
 Concen: 2.74 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085771.D
 Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	22.5	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





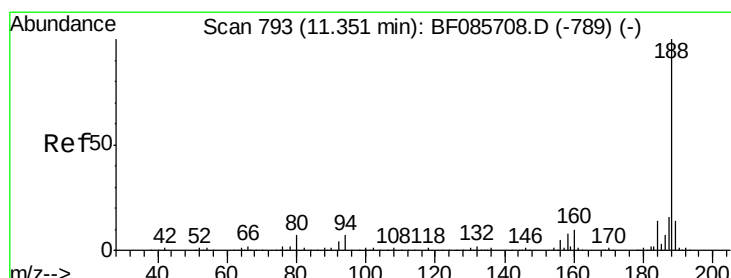
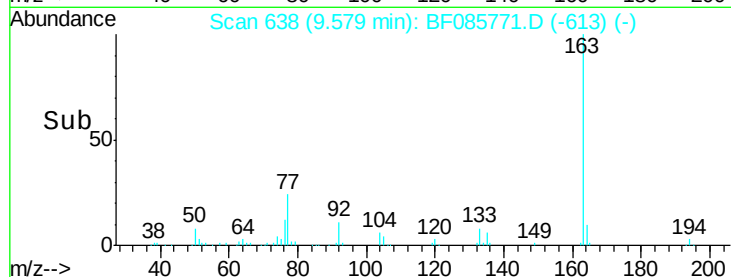
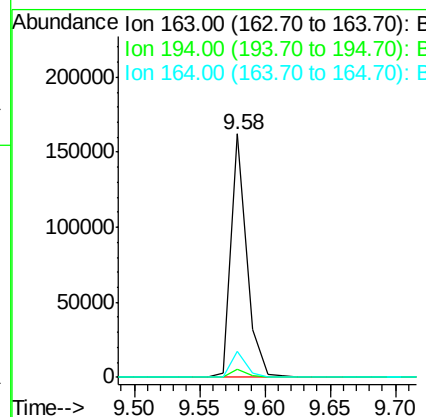
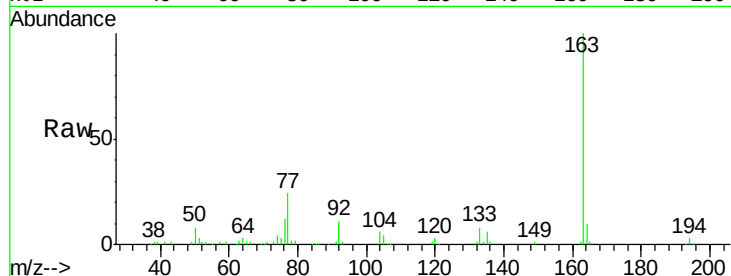
#49
Dimethylphthalate
Concen: 8.21 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

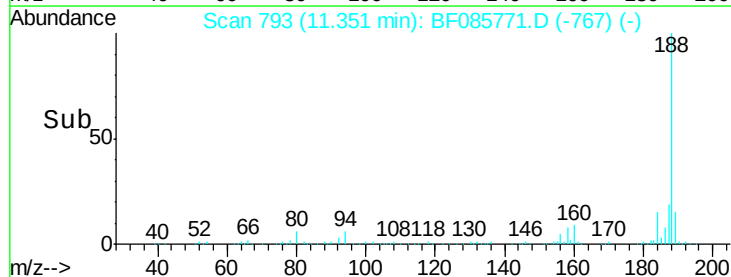
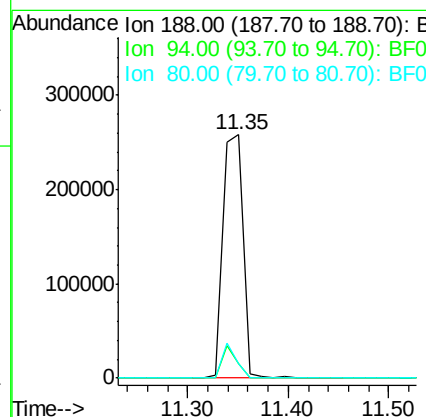
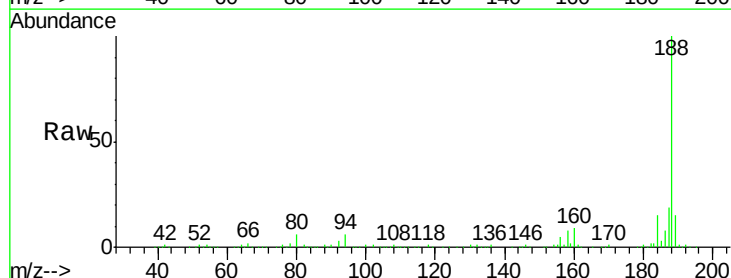
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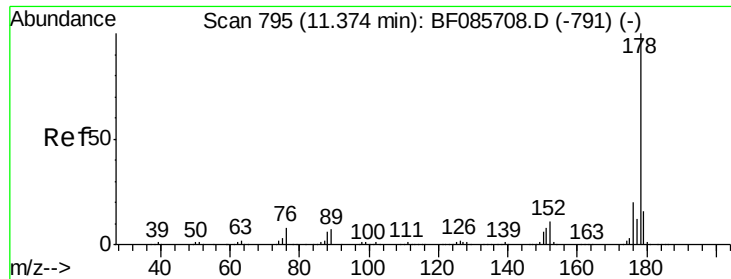
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	6.0	5.4	8.0
80	5.8	5.5	8.3





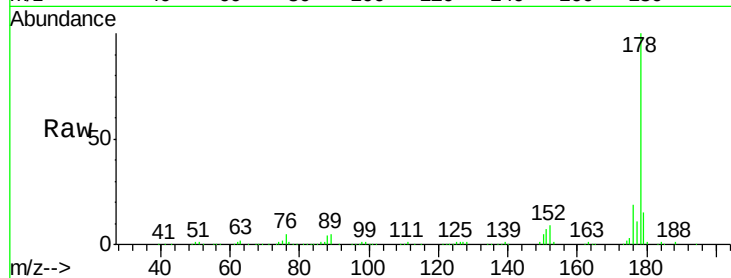
#70
Phenanthrene
Concen: 16.14 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
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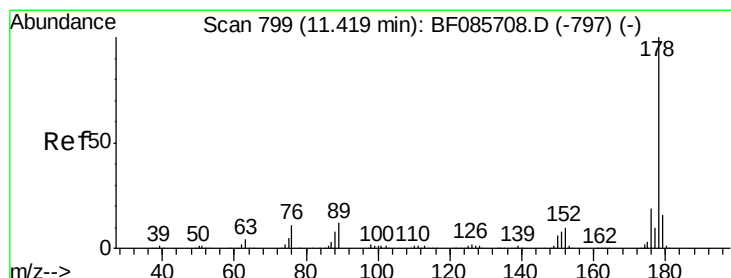
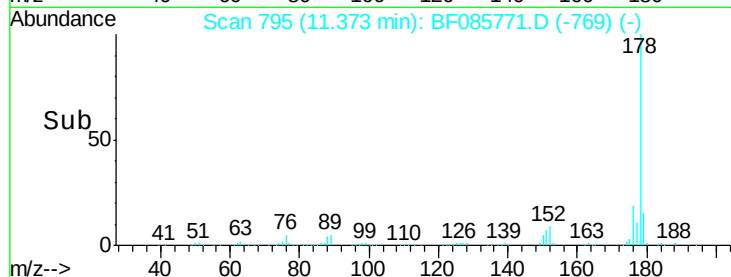
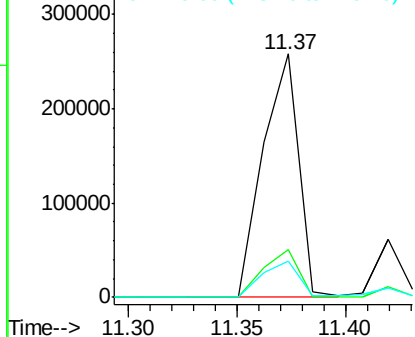
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.1	12.6	18.8

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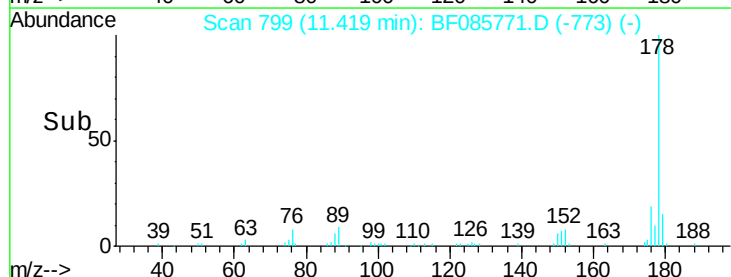
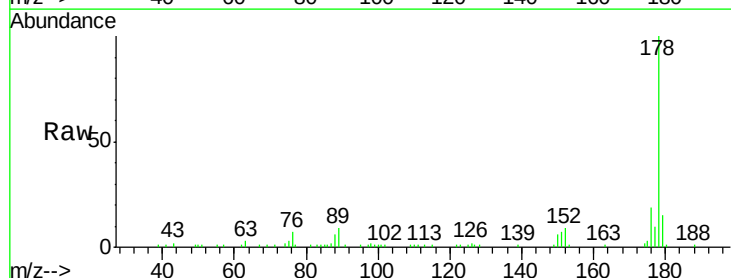
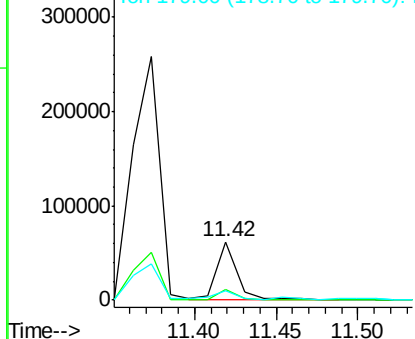
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

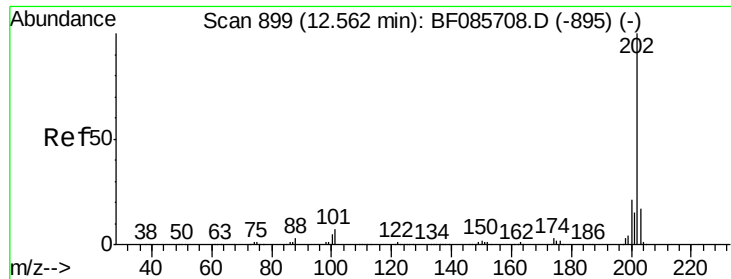


#71
Anthracene
Concen: 2.72 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.4	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 31.23 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Instrument :

BNA_F

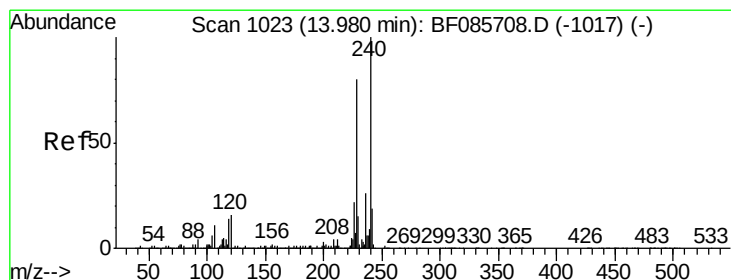
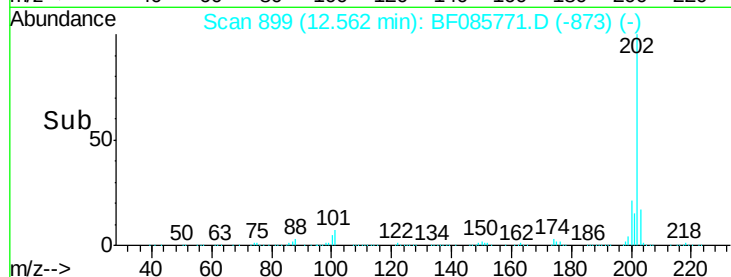
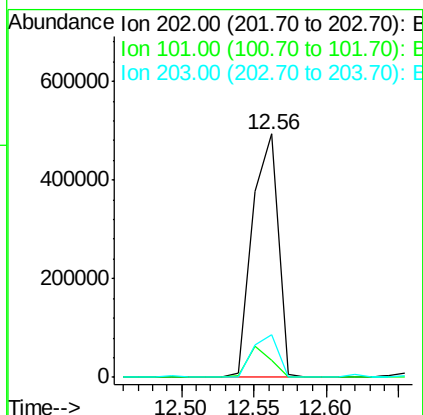
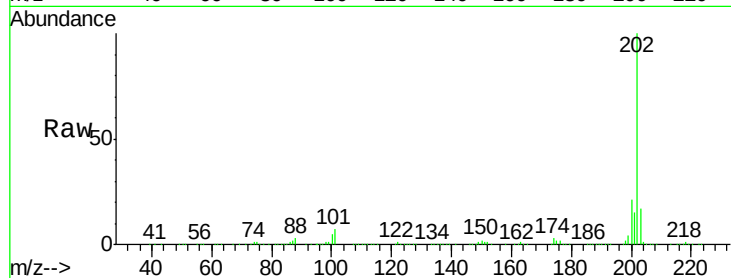
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	36.6
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

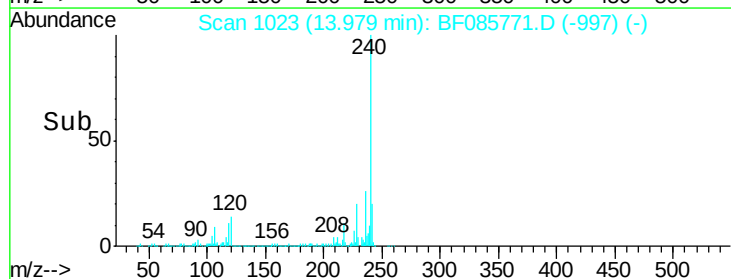
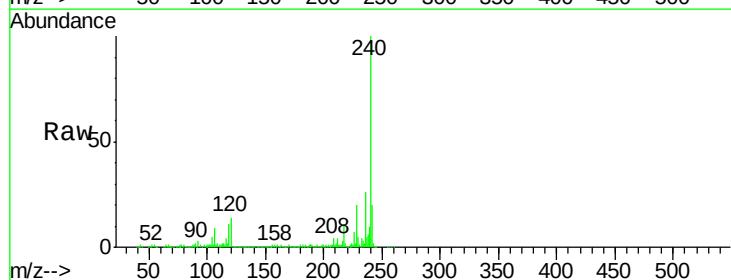
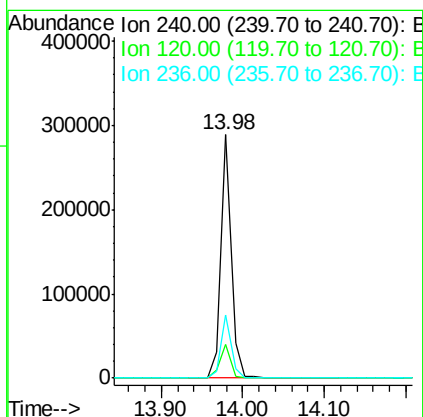
RT: 13.98 min Scan# 1023

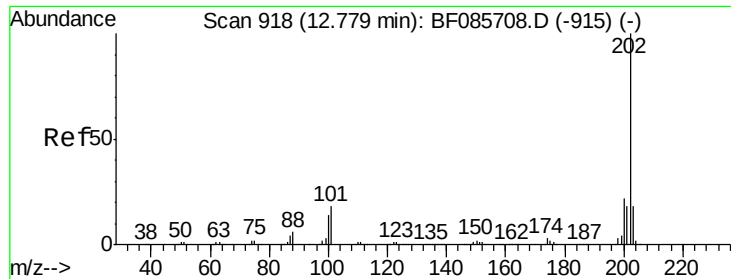
Delta R.T. -0.00 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	13.8	20.8#
236	25.8	20.6	30.8





#77

Pvrene

Concen: 24.26 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Instrument :

BNA_F

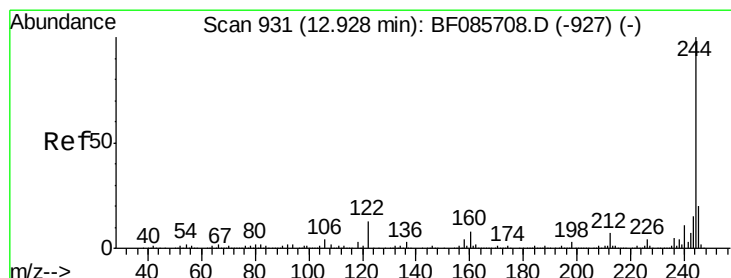
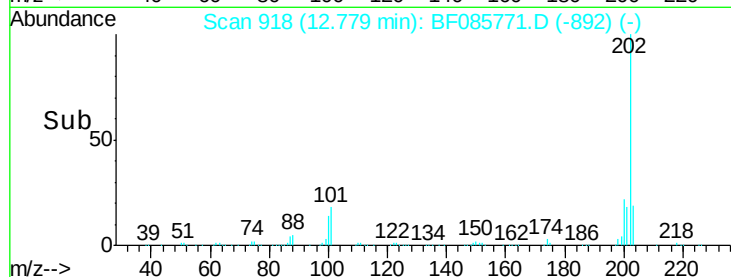
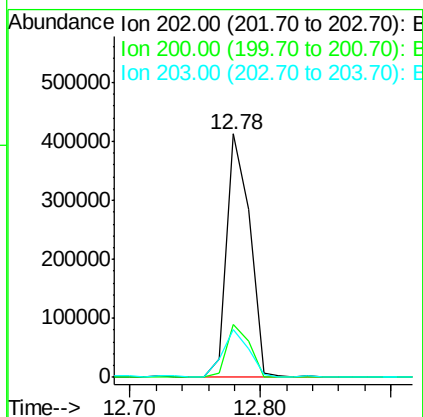
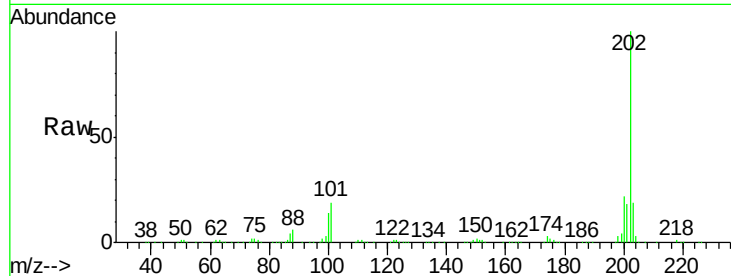
ClientSampled :

SB-5

Tot Ion:	202	Resp:	507161
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.6	26.4
203	19.4	14.0	21.0

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#78

Terphenyl-d14

Concen: 2.11 ng

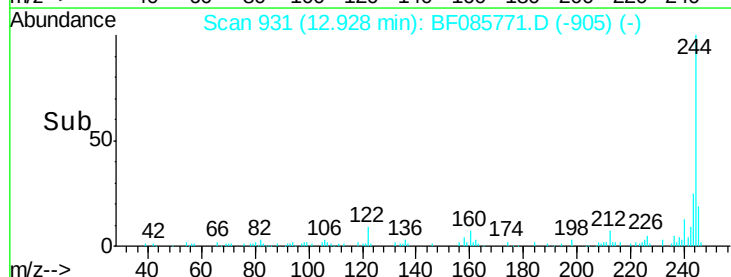
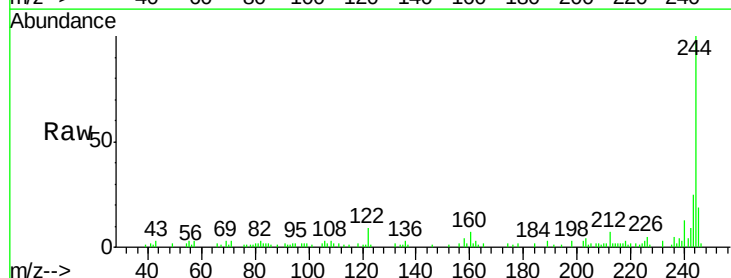
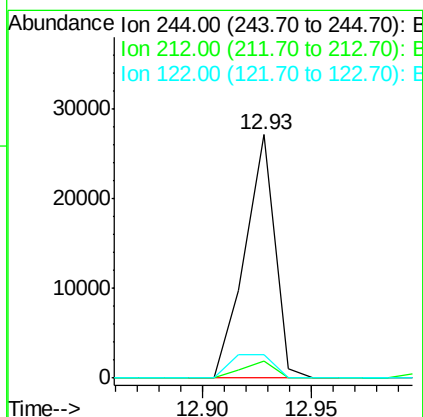
RT: 12.93 min Scan# 931

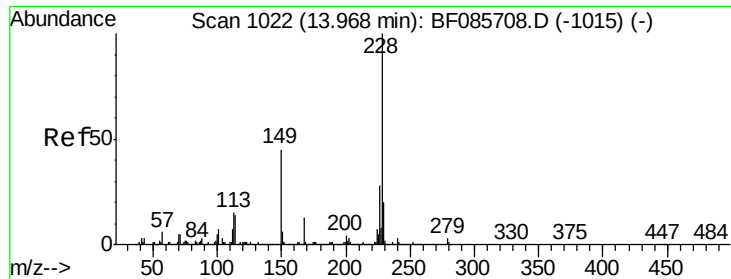
Delta R.T. -0.00 min

Lab File: BF085771.D

Acq: 25 Mar 2016 19:48

Tgt Ion:	244	Resp:	26038
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.4	10.2	15.4#





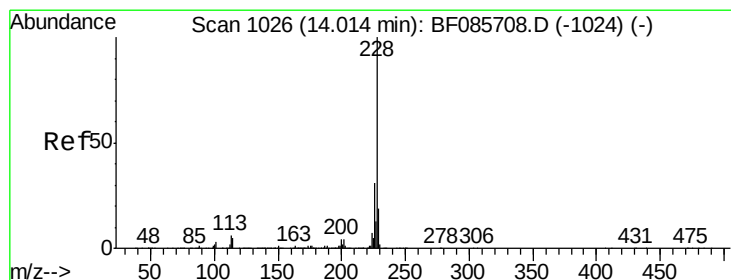
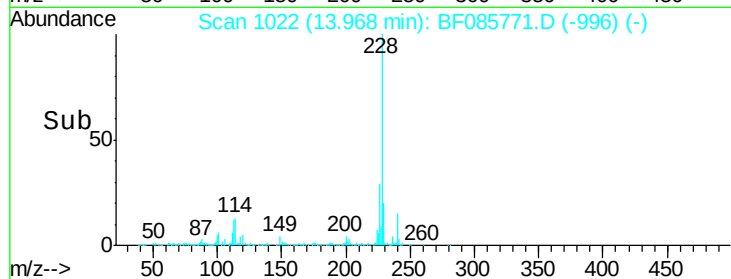
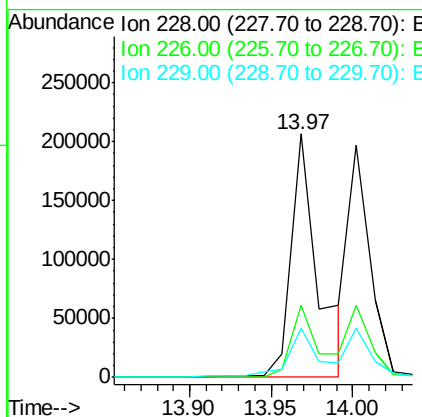
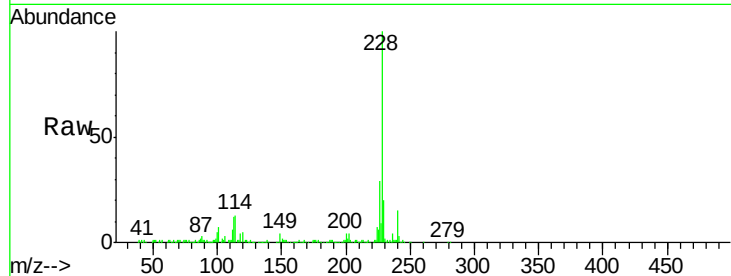
#80
Benzo(a)anthracene
Concen: 16.53 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	20.4	16.2	24.4

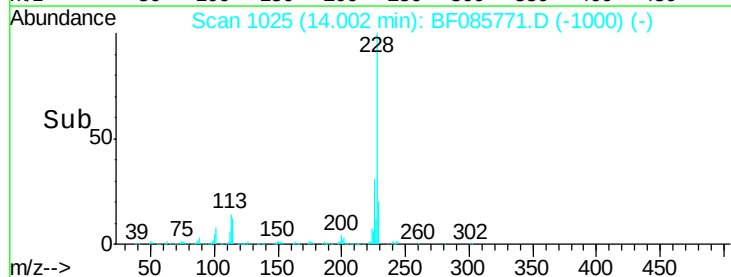
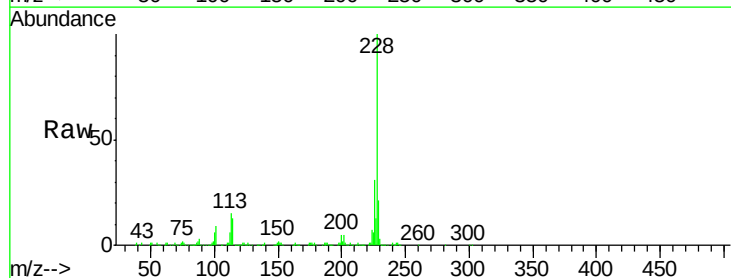
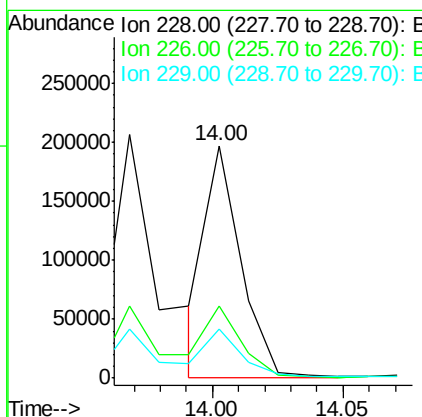
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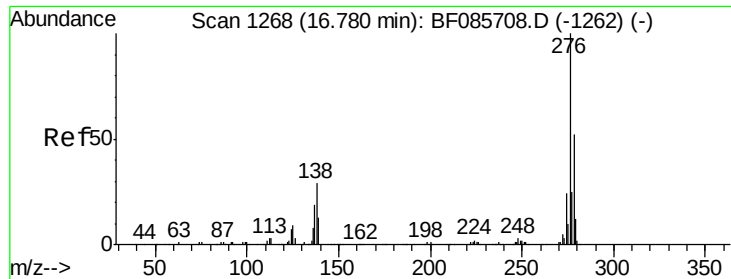
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#82
Chrysene
Concen: 12.65 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.2	15.7	23.5





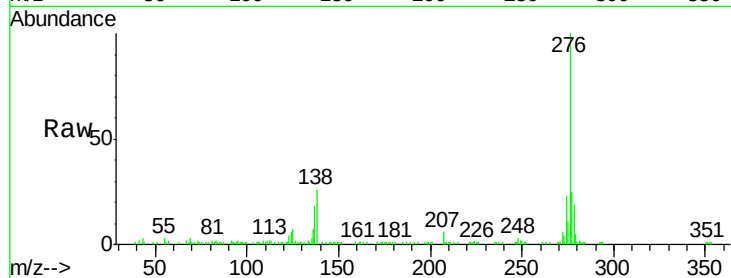
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.33 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

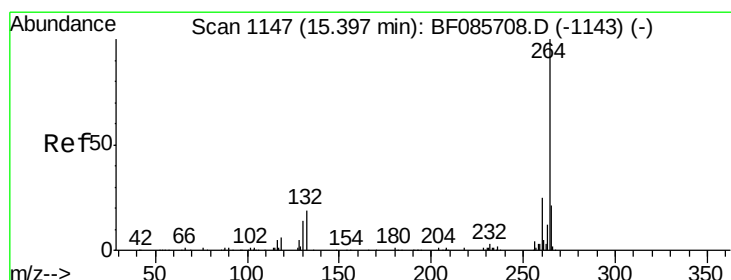
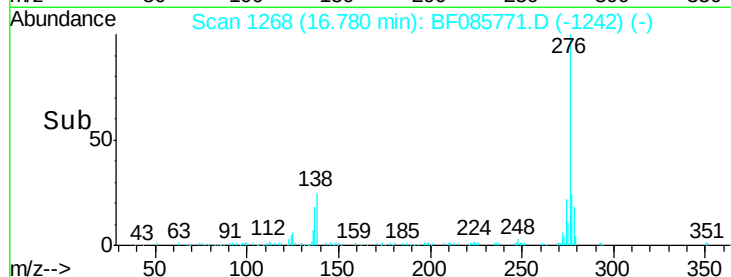
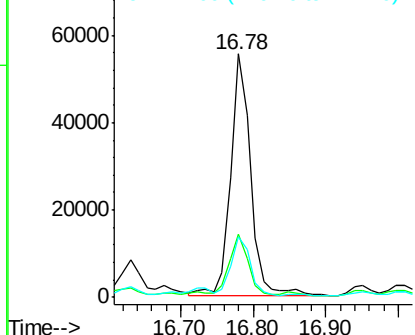
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.2	36.4
277	26.8	20.0	30.0

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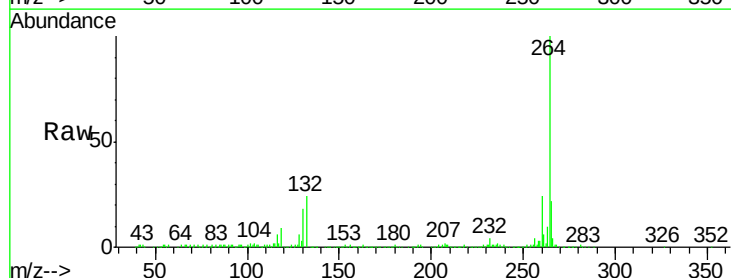


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

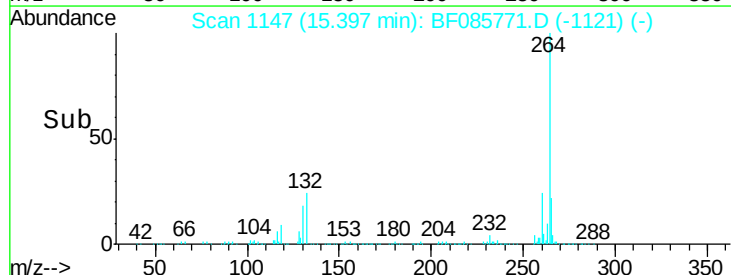
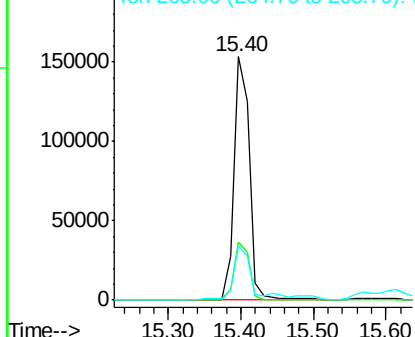


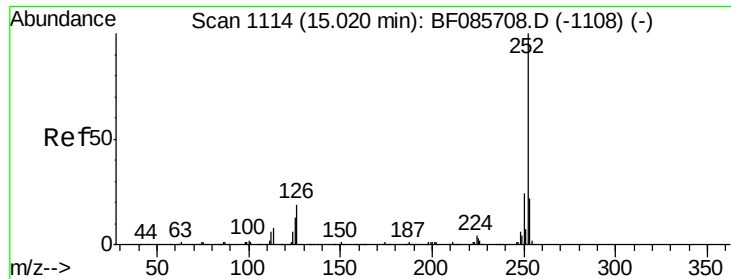
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





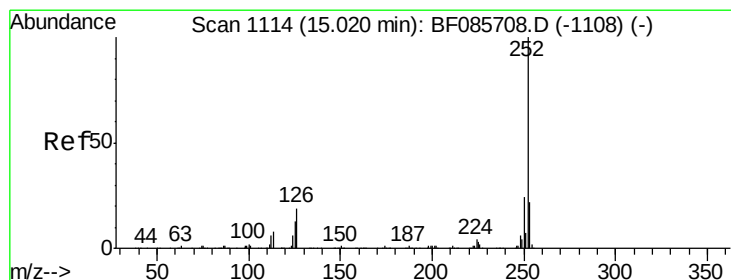
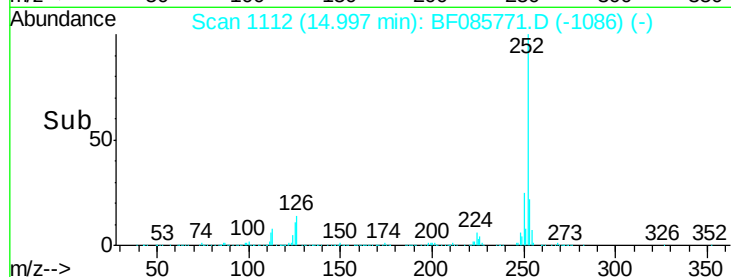
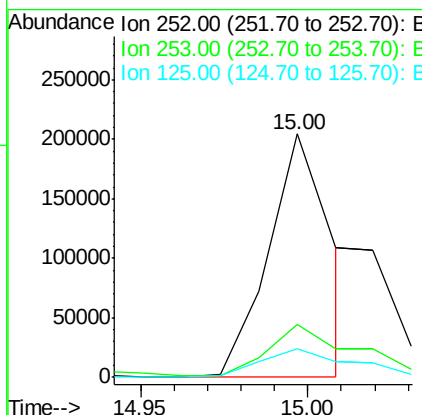
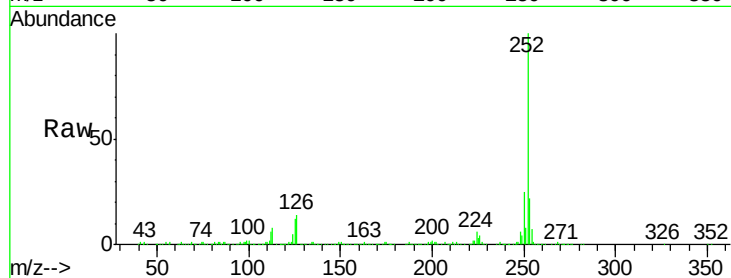
#87
Benzo(b)fluoranthene
Concen: 18.76 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.7	10.3	15.5

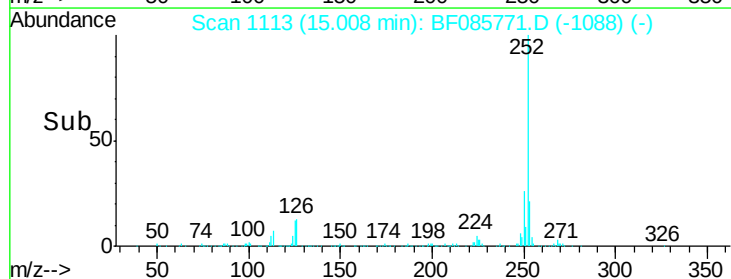
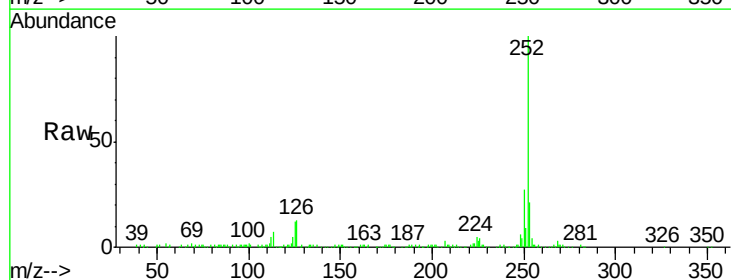
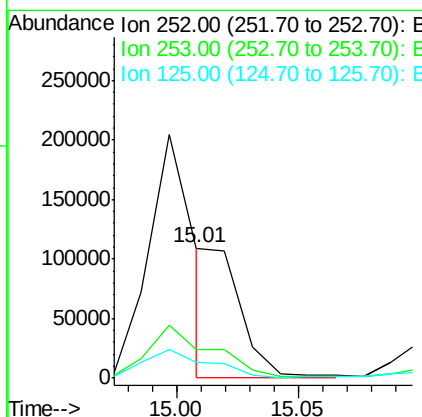
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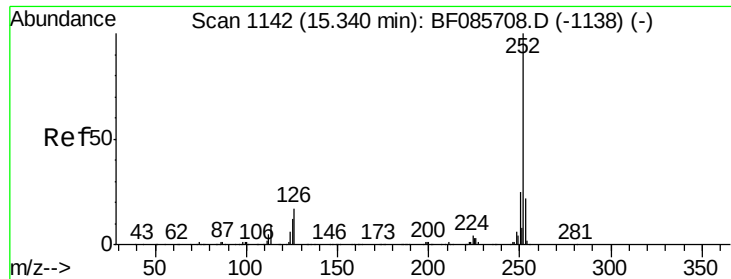
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#88
Benzo(k)fluoranthene
Concen: 7.58 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	12.3	7.7	11.5#





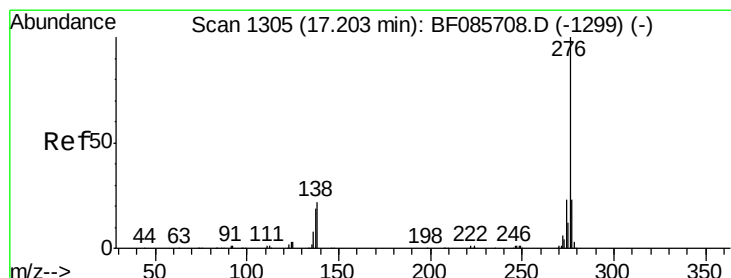
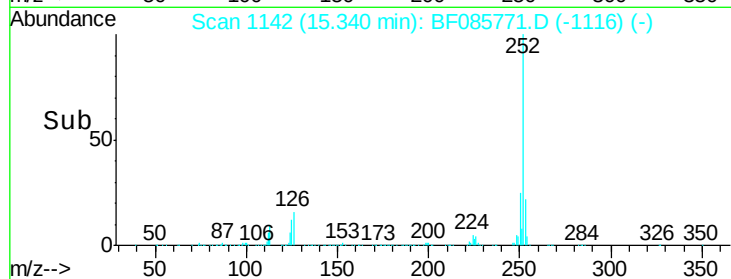
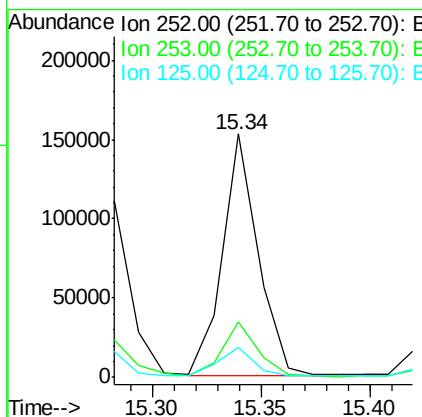
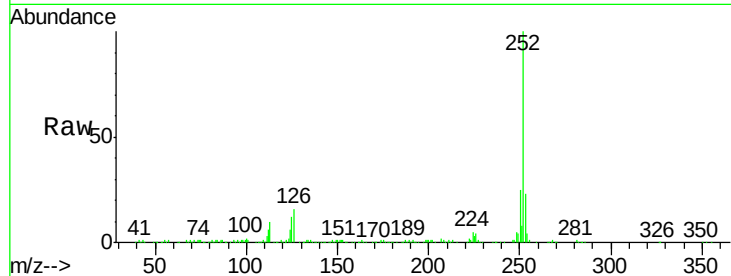
#89
Benzo(a)pyrene
Concen: 13.71 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.3	10.3	15.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.11 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF085771.D
Acq: 25 Mar 2016 19:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	23.6	22.6	34.0

