

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085773.D
 Acq On : 25 Mar 2016 20:46
 Operator : UM/SJ
 Sample : H1855-09 2X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Manual Integrations
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Quant Time: Mar 25 23:52:44 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	113204	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	401653	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	170100	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	269361	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	241677	20.00	ng	0.00
86) Perylene-d12	15.40	264	206943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	22273	3.28	ng	0.01
7) Phenol-d6	6.46	99	30888	3.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	14157	1.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	4455	2.76	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	25782	2.53	ng	-0.01
78) Terphenyl-d14	12.93	244	20006	1.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	89140	6.91	ng	99
70) Phenanthrene	11.37	178	182432	13.19	ng	98
71) Anthracene	11.42	178	36226	2.49	ng	98
74) Fluoranthene	12.55	202	395910	26.93	ng	99
77) Pyrene	12.78	202	366898	18.47	ng	99
80) Benzo(a)anthracene	13.97	228	191394	13.89	ng	97
82) Chrysene	14.00	228	148070	10.67	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	21130m	2.12	ng	
85) Indeno(1,2,3-cd)pyrene	16.78	276	75074	7.00	ng	95
87) Benzo(b)fluoranthene	15.00	252	215256m	16.51	ng	
88) Benzo(k)fluoranthene	15.02	252	79435m	6.76	ng	
89) Benzo(a)pyrene	15.34	252	140023	12.10	ng	98
91) Benzo(a,h,i)perylene	17.20	276	75325	6.92	ng	94

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

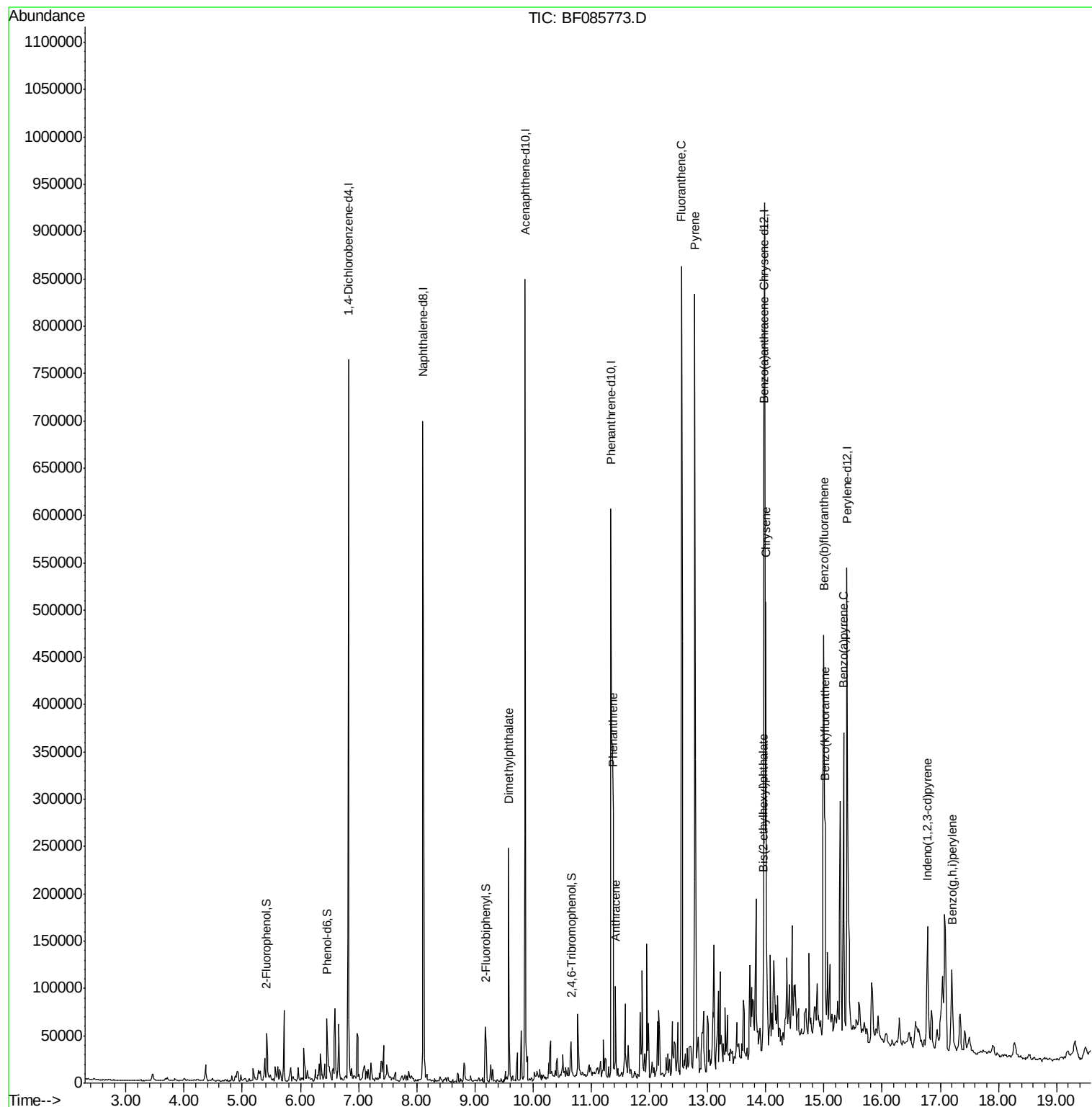
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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ALS Vial : 59 Sample Multiplier: 1

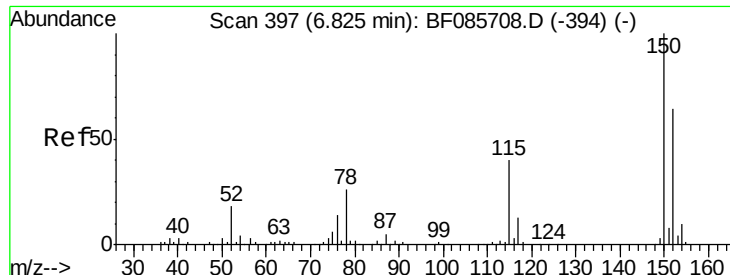
Instrument :
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#1

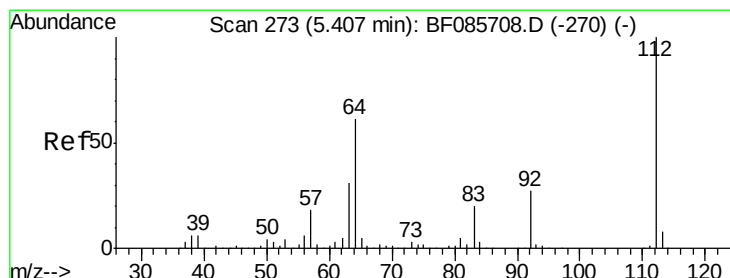
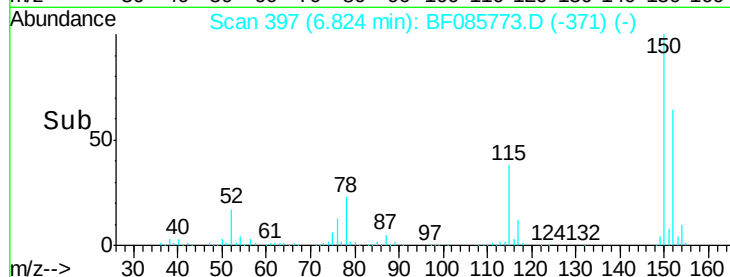
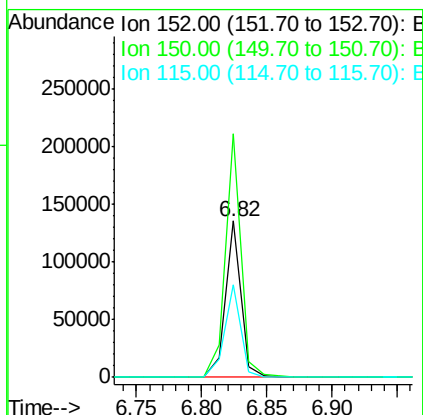
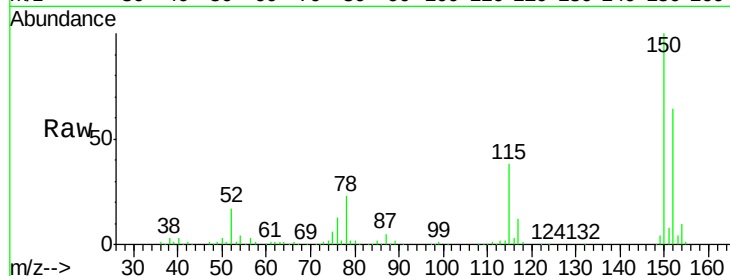
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Instrument :
BNA_F
ClientSampled :
SB-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	59.6	47.0	70.6

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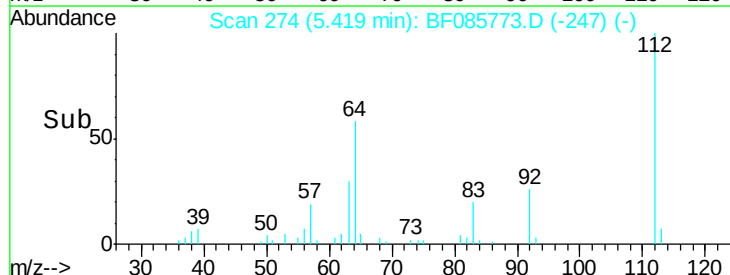
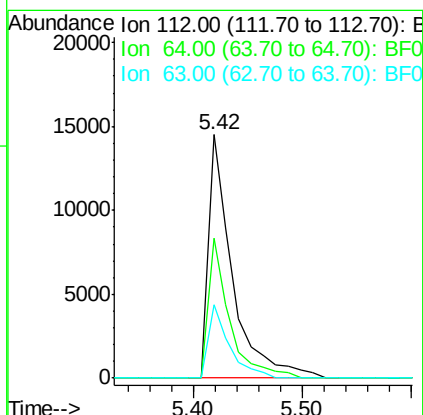
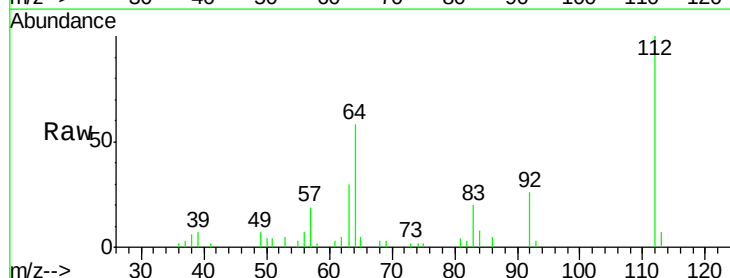
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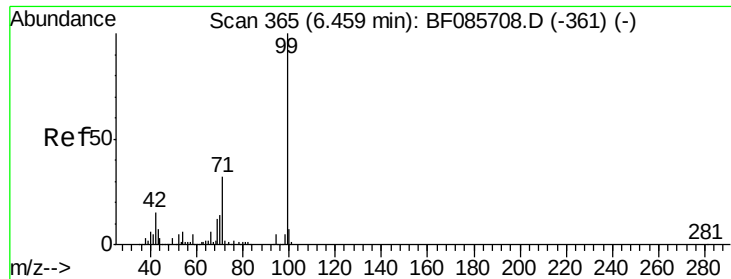


#5

2-Fluorophenol
Concen: 3.28 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	39.9	59.9
63	30.0	20.2	30.2





#7

Phenol-d6

Concen: 3.57 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Instrument :

BNA_F

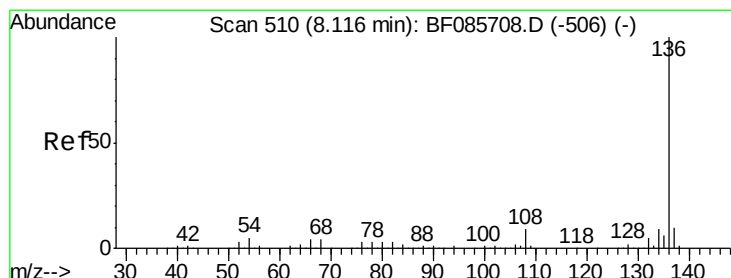
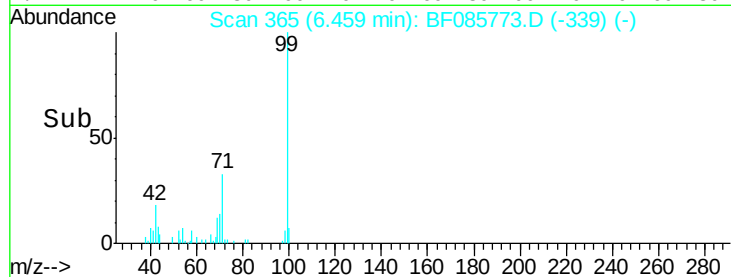
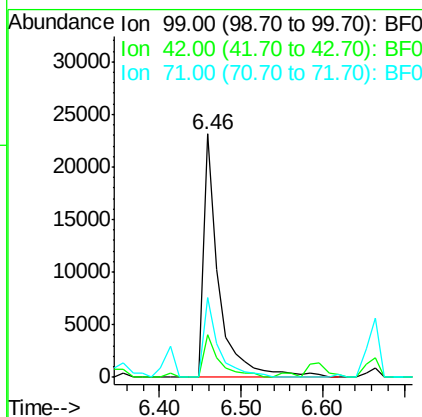
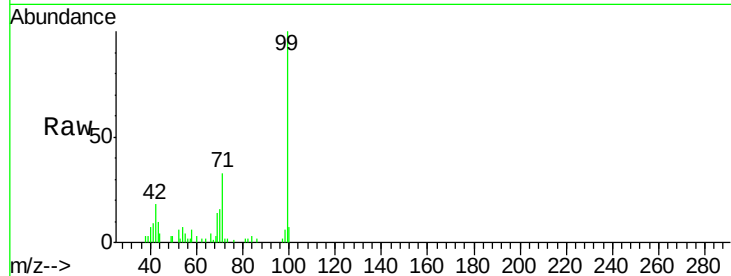
ClientSampleId :

SB-6

Tot Ion:	99	Resp:	30888
Ion Ratio	Lower	Upper	
99	100		
42	17.8	11.1	16.7#
71	32.8	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

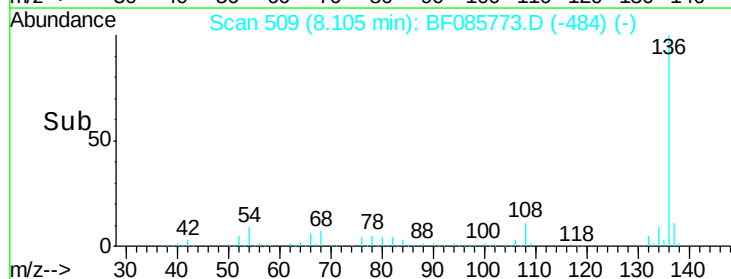
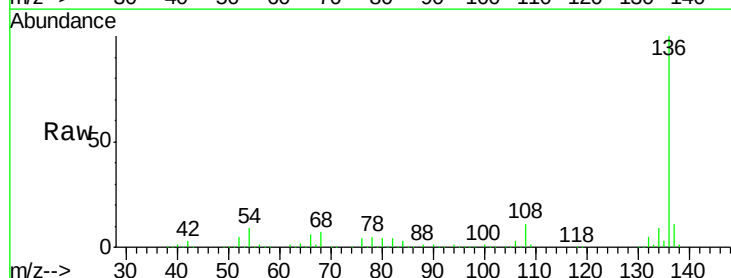
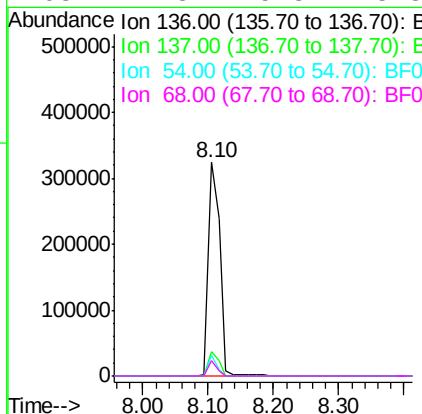
RT: 8.10 min Scan# 509

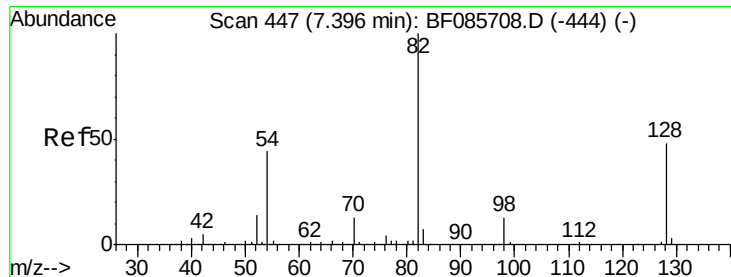
Delta R.T. -0.01 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Tgt Ion:	136	Resp:	401653
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.4	7.4	11.0
68	7.3	5.8	8.8





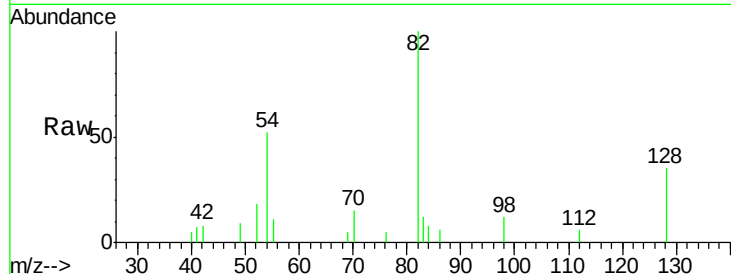
#23
 Nitrobenzene-d5
 Concen: 1.98 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Instrument :
 BNA_F
 ClientSampled :
 SB-6

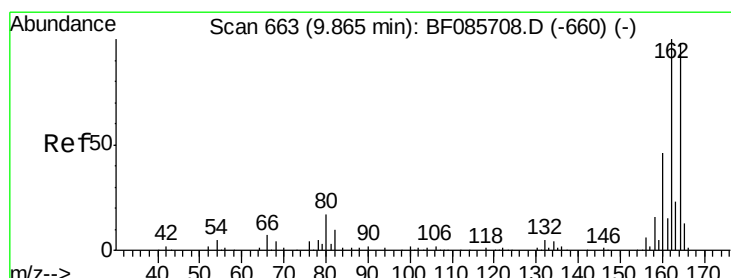
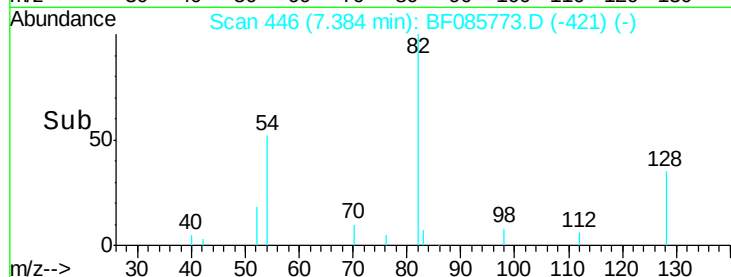
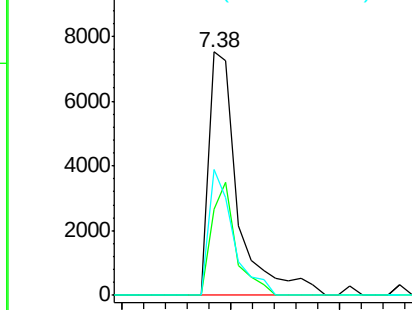
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	41.8	62.8#
54	51.9	33.4	50.0#

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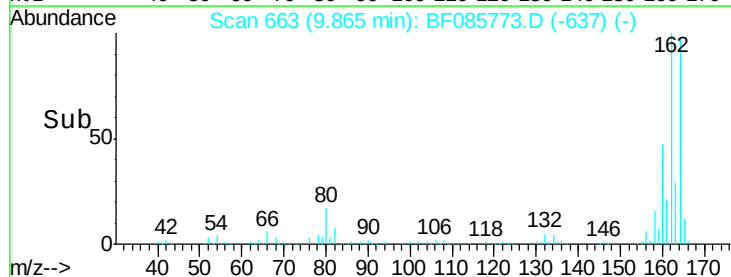
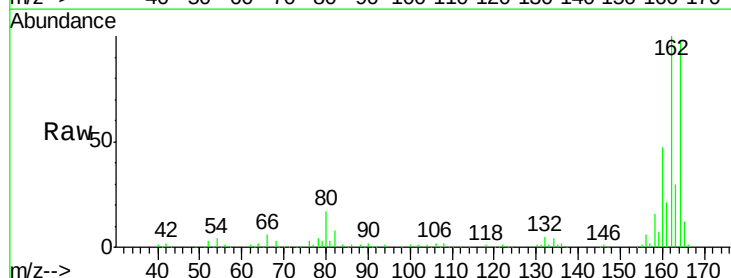
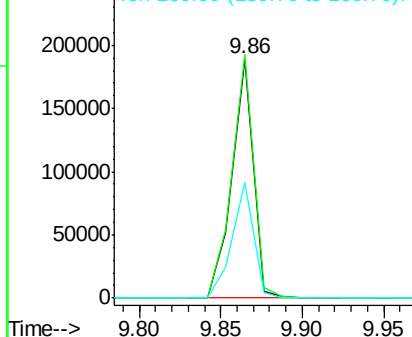
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

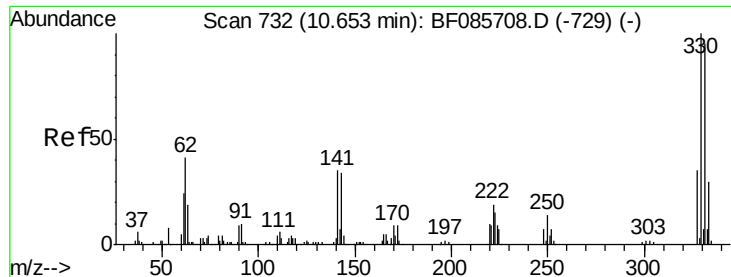


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	48.2	37.4	56.2

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





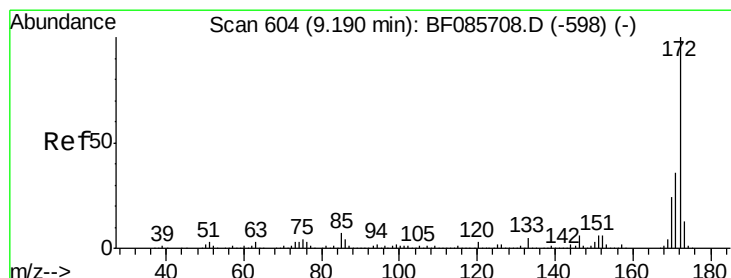
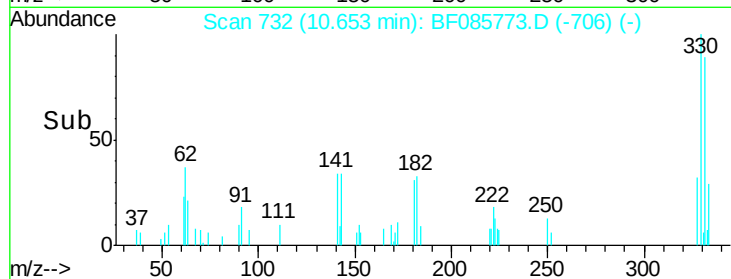
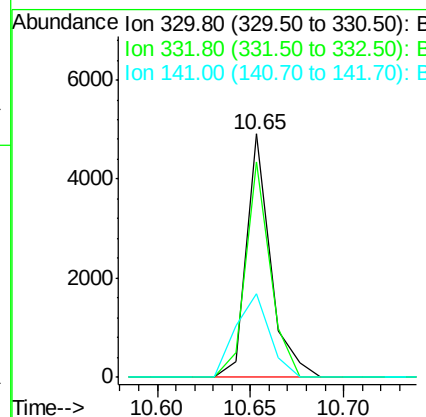
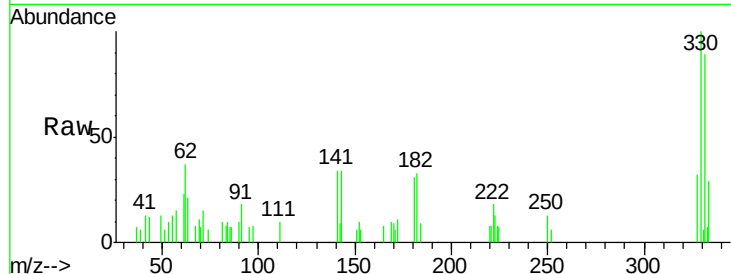
#41
 2,4,6-Tribromophenol
 Concen: 2.76 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Instrument :
 BNA_F
 ClientSampled :
 SB-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.0	78.2	117.2
141	48.1	31.5	47.3

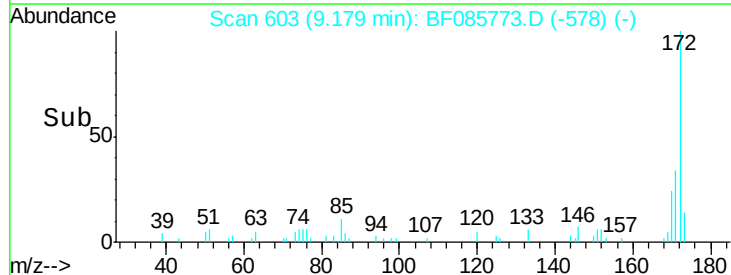
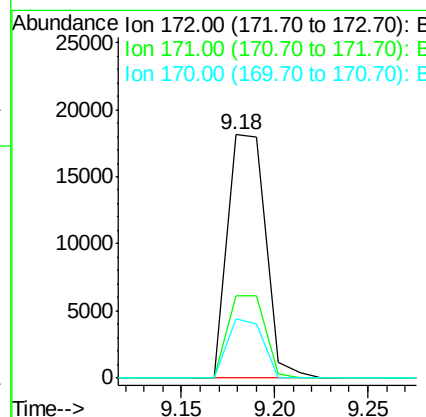
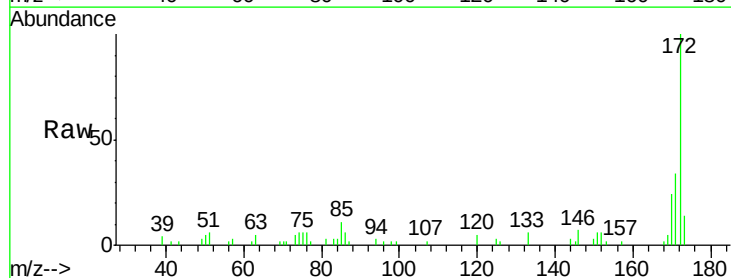
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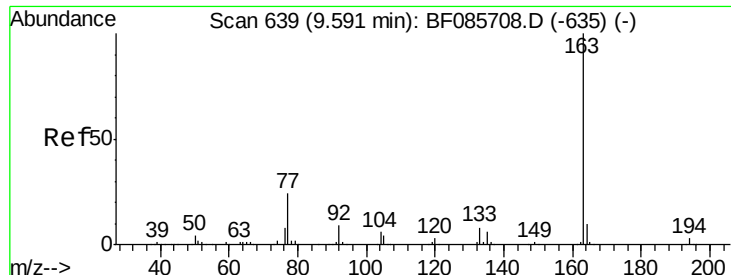
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#44
 2-Fluorobiphenyl
 Concen: 2.53 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.4	44.2
170	24.3	19.8	29.6





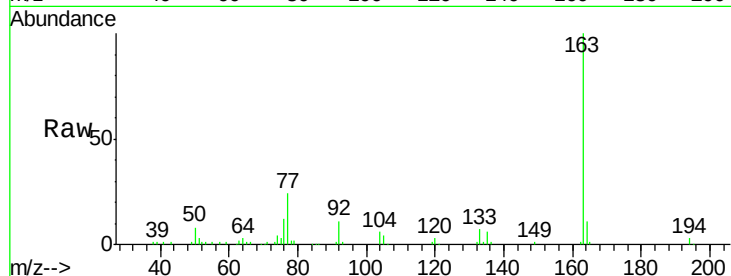
#49
Dimethylphthalate
Concen: 6.91 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Instrument :
BNA_F
ClientSampled :
SB-6

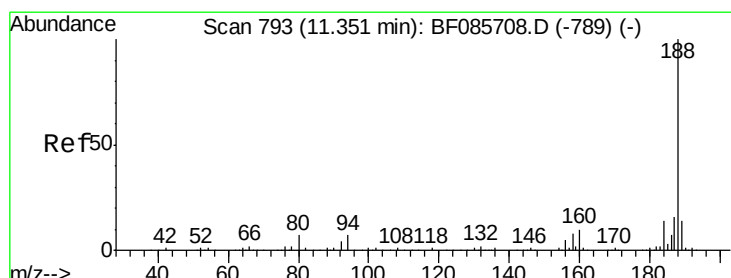
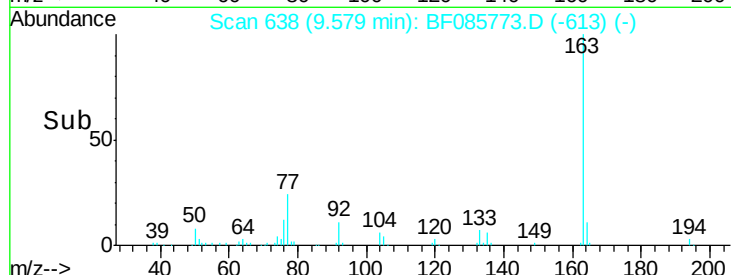
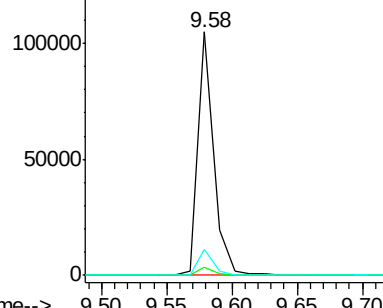
Tot Ion	Ratio	Resp	Lower	Upper
163	100	89140		
194	3.1	2.9	4.3	
164	10.9	8.3	12.5	

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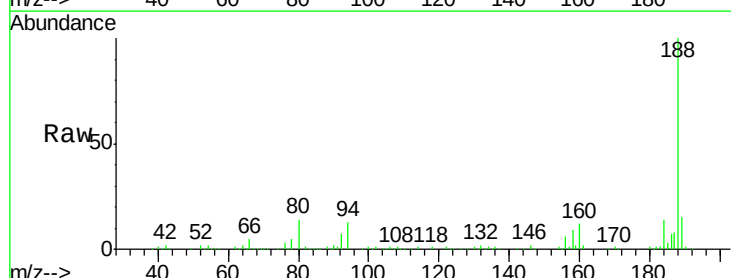


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

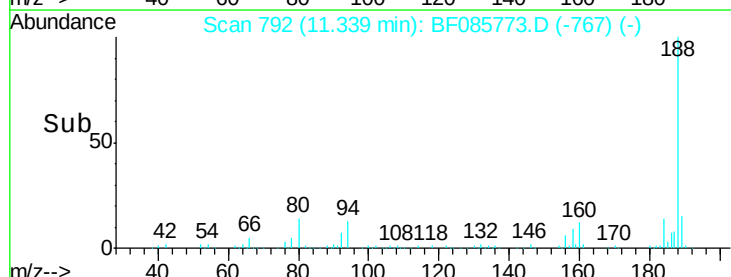
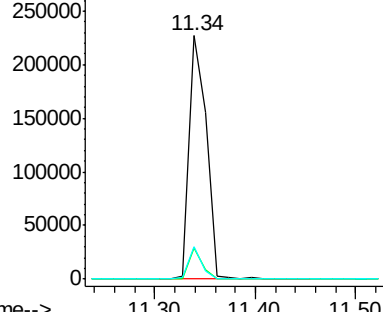


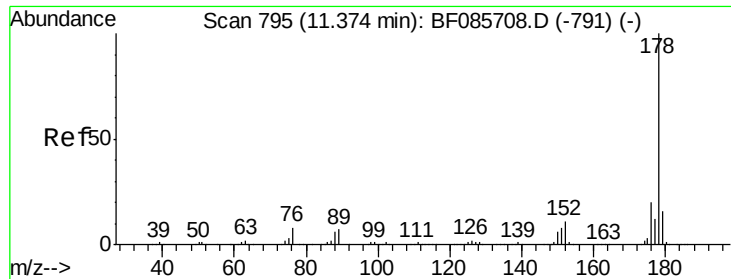
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	269361		
94	12.8	5.4	8.0#	
80	13.5	5.5	8.3#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





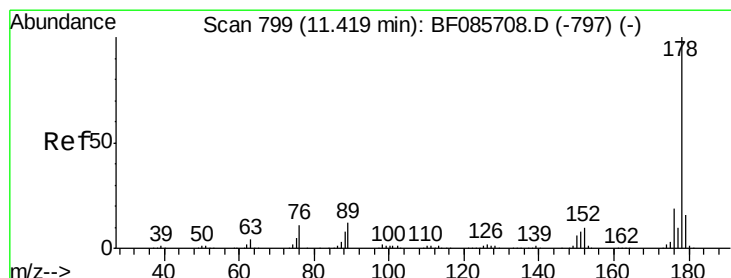
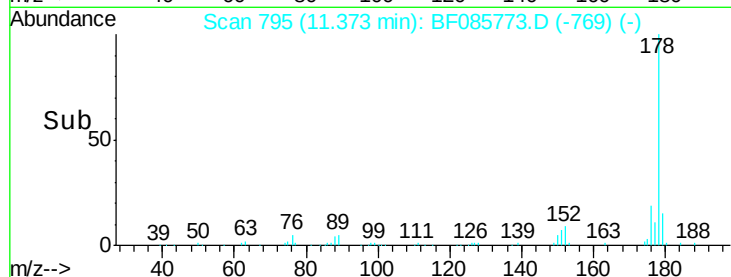
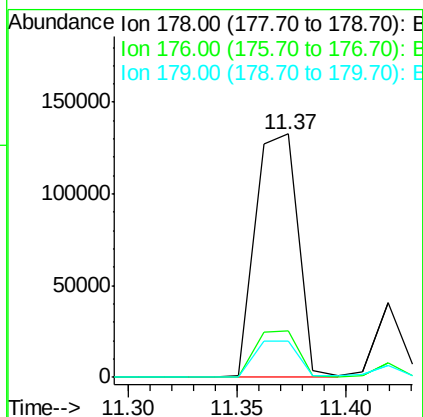
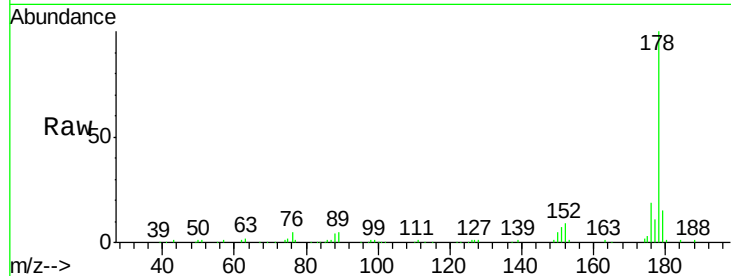
#70
Phenanthrene
Concen: 13.19 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	14.9	12.6	18.8

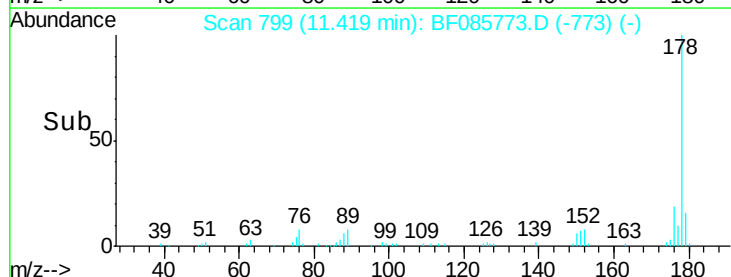
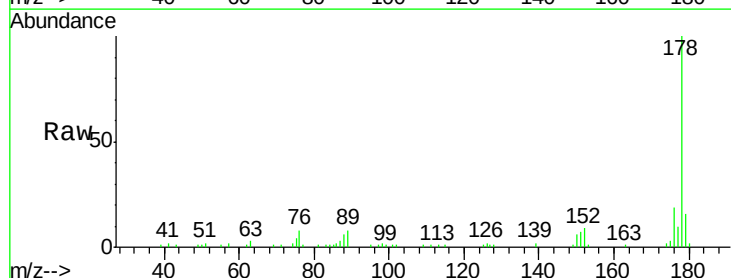
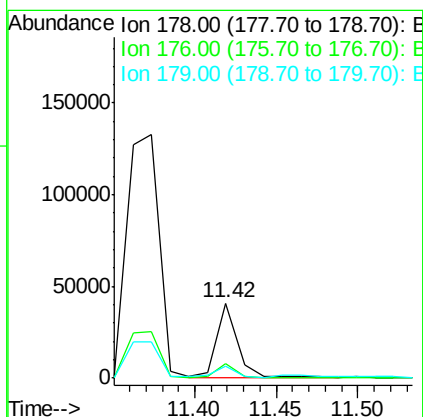
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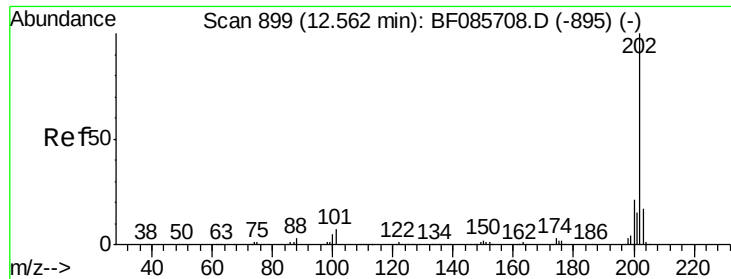
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#71
Anthracene
Concen: 2.49 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.7	13.0	19.4





#74

Fluoranthene

Concen: 26.93 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Instrument :

BNA_F

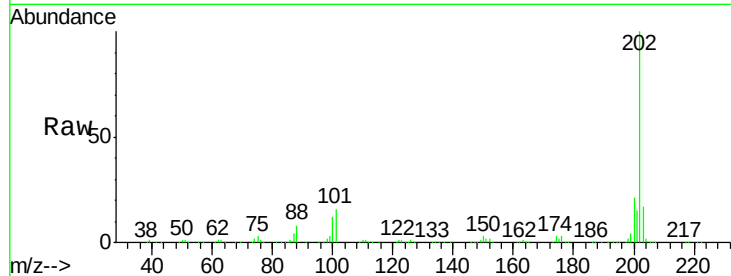
ClientSampleId :

SB-6

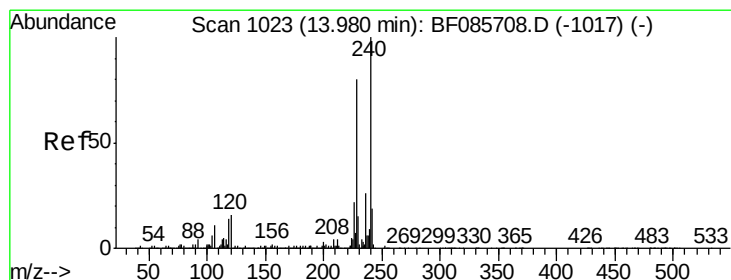
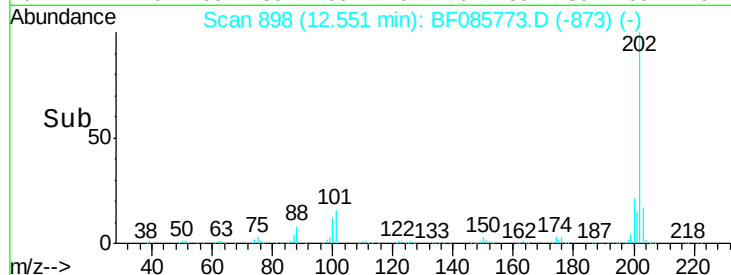
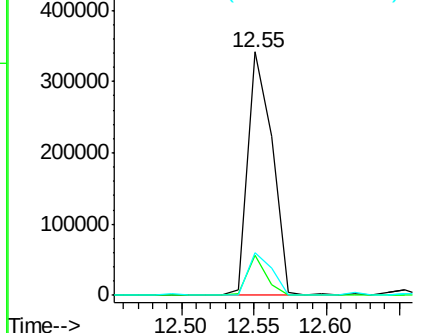
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		395910		
101	16.3	0.0	36.6		
203	17.4	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

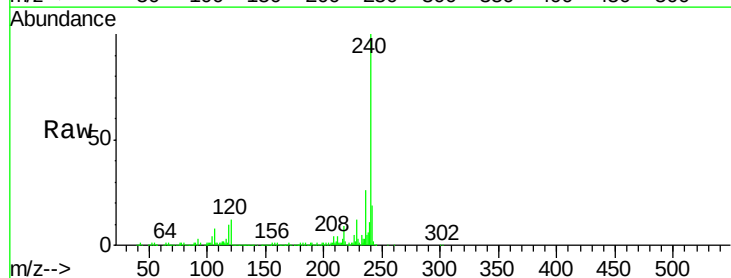
RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

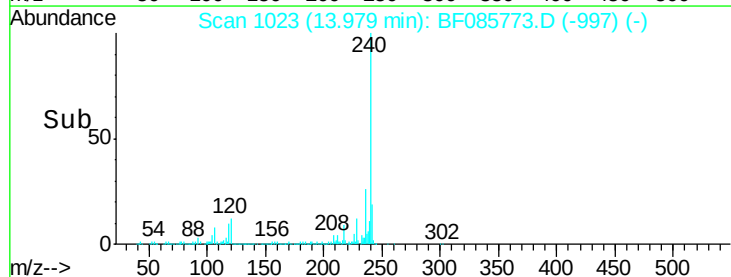
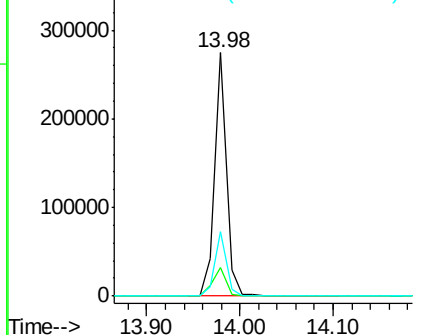
Lab File: BF085773.D

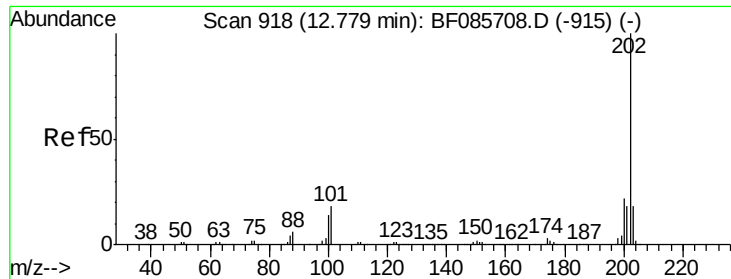
Acq: 25 Mar 2016 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		241677		
120	11.5	13.8	20.8#		
236	26.3	20.6	30.8		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 18.47 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Instrument :

BNA_F

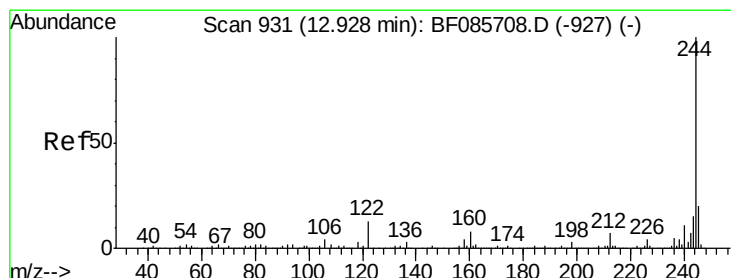
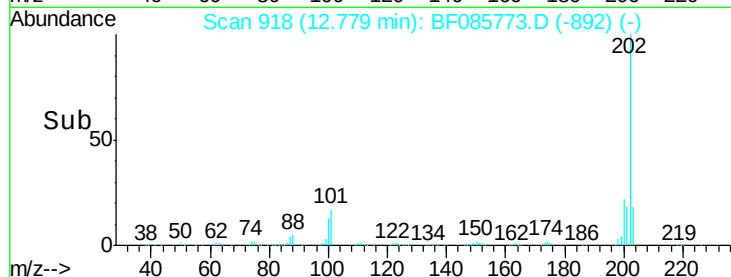
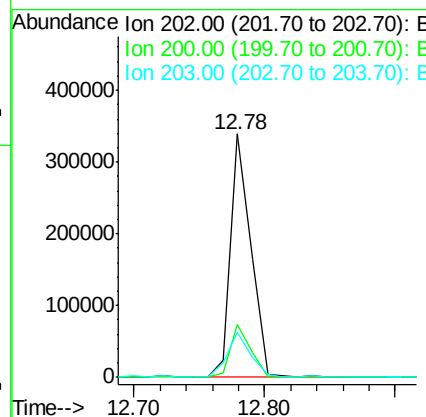
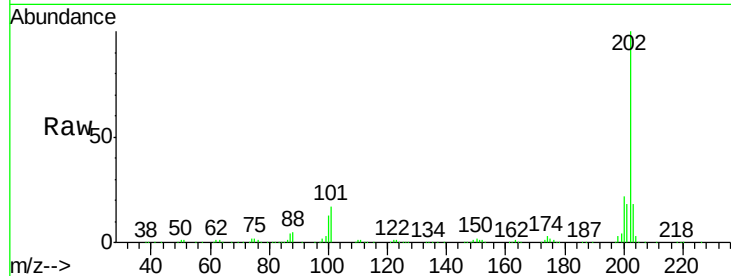
ClientSampled :

SB-6

Tot Ion:	202	Resp:	366898
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	18.4	14.0	21.0

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#78

Terphenyl-d14

Concen: 1.70 ng

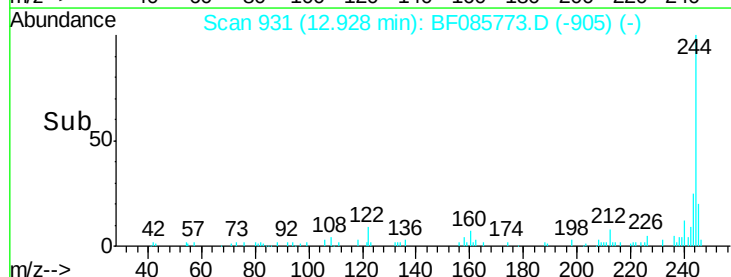
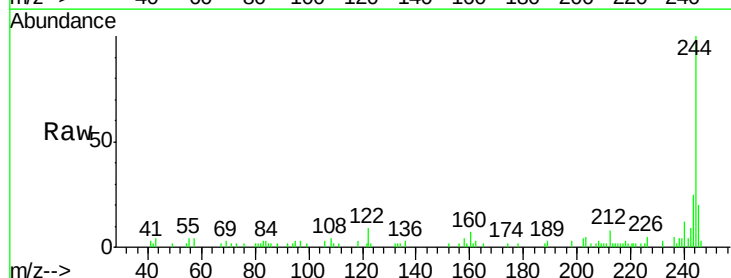
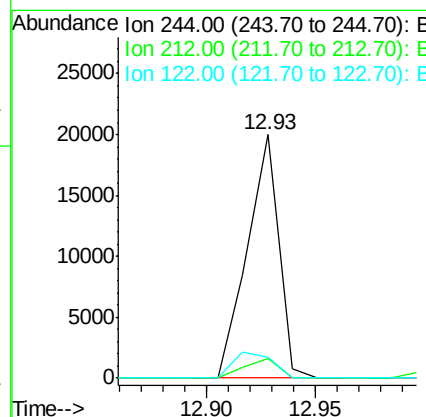
RT: 12.93 min Scan# 931

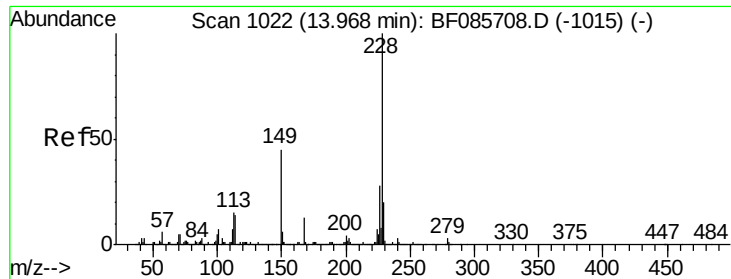
Delta R.T. -0.00 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Tgt Ion:	244	Resp:	20006
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	8.5	10.2	15.4#





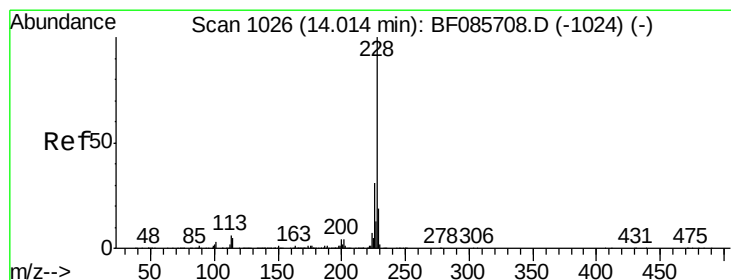
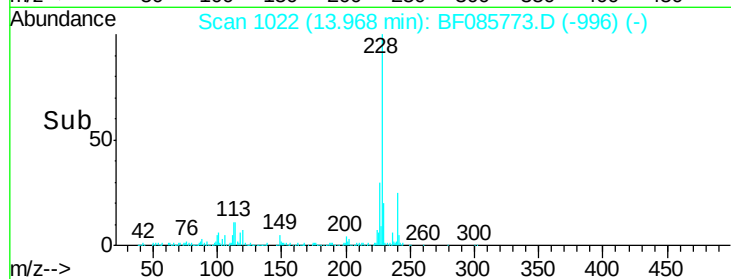
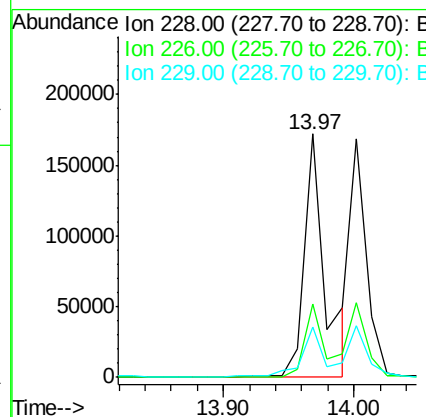
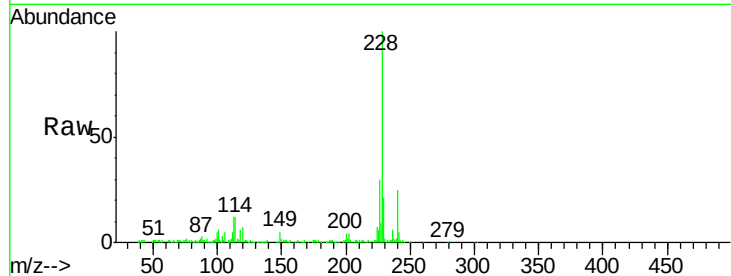
#80
Benzo(a)anthracene
Concen: 13.89 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	20.5	16.2	24.4

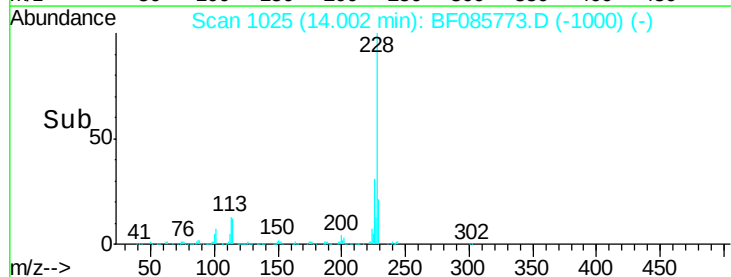
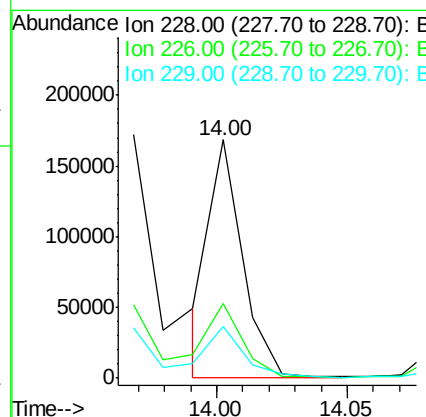
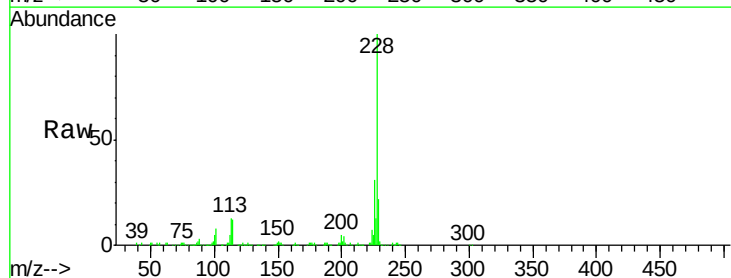
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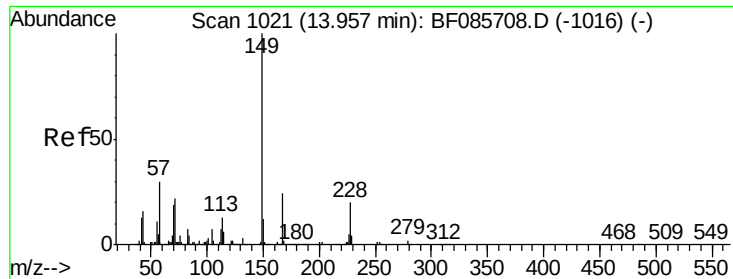
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#82
Chrysene
Concen: 10.67 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.5	15.7	23.5





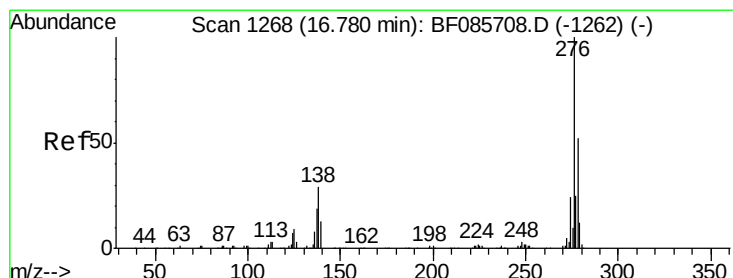
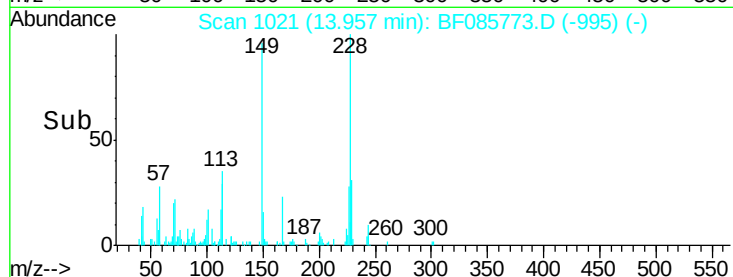
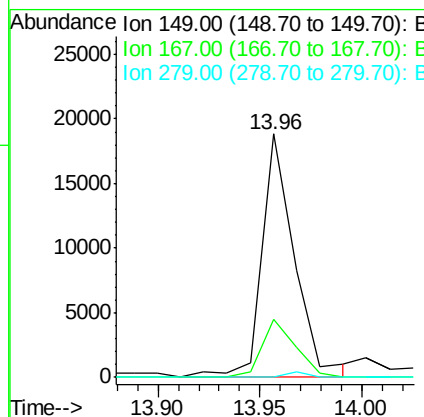
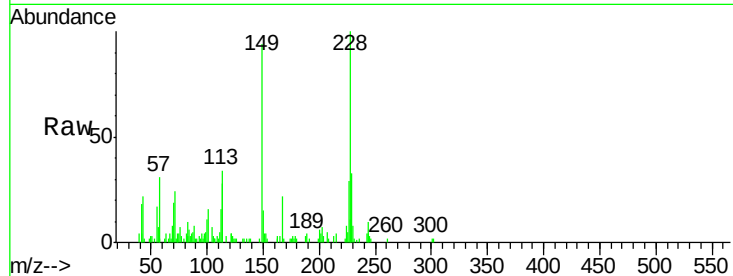
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.12 ng/ml
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Instrument :
 BNA_F
 ClientSampleID :
 SB-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.0	19.4	29.2
279	0.0	1.5	2.3

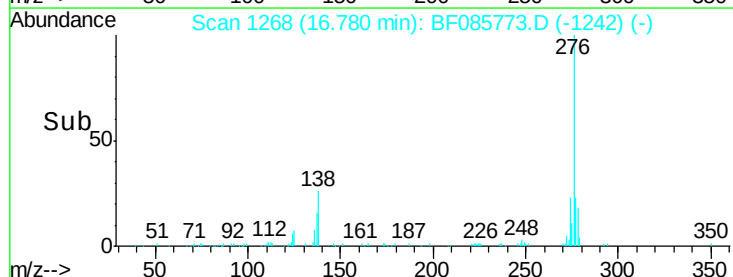
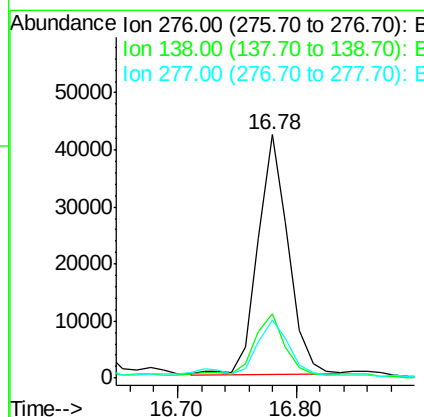
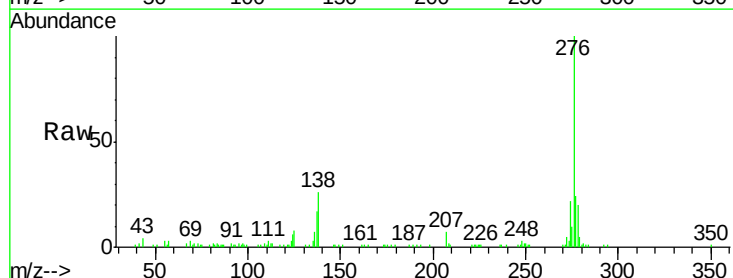
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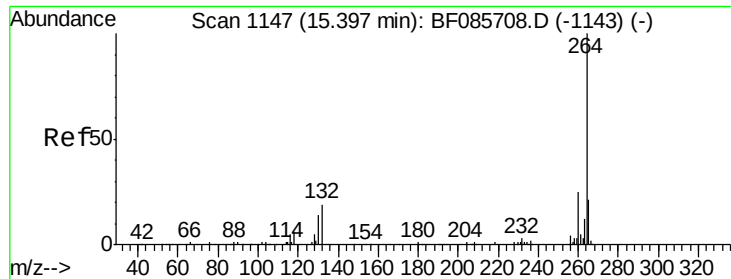
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.00 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085773.D
 Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.2	36.4
277	23.7	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: BF085773.D

Acq: 25 Mar 2016 20:46

Instrument :

BNA_F

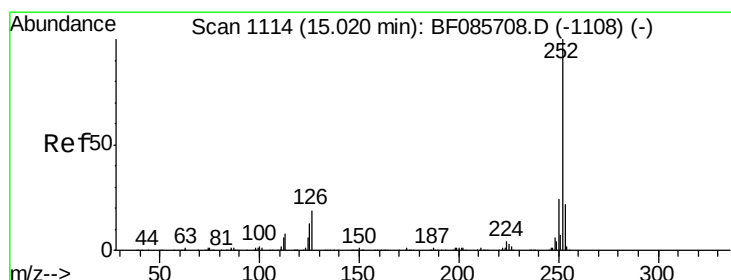
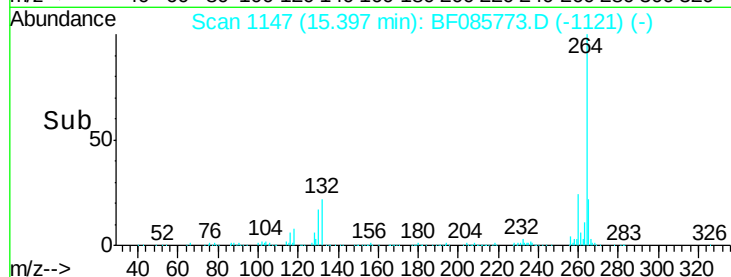
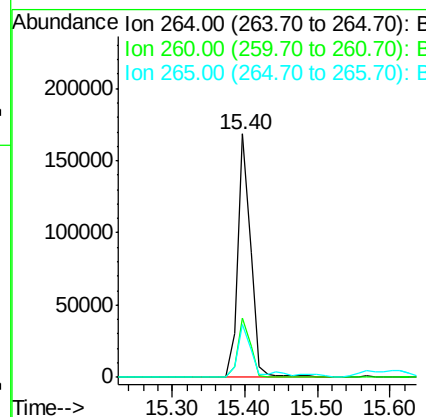
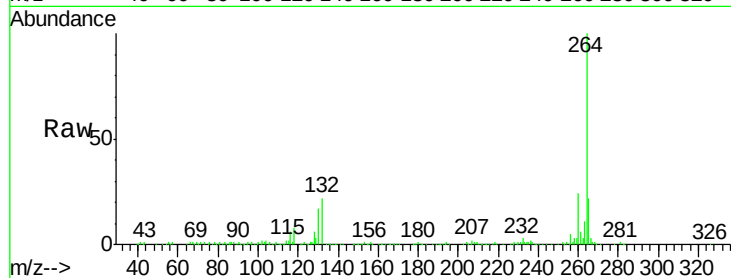
ClientSampleId :

SB-6

Tot Ion:	264	Resp:	206943
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 16.51 ng m

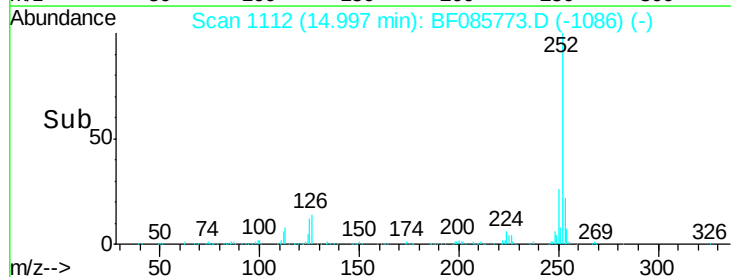
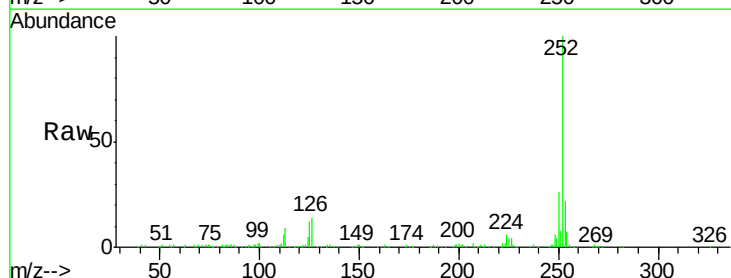
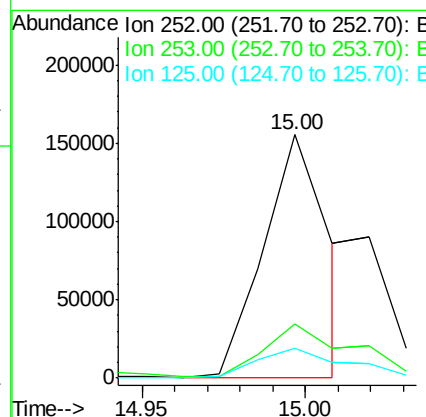
RT: 15.00 min Scan# 1112

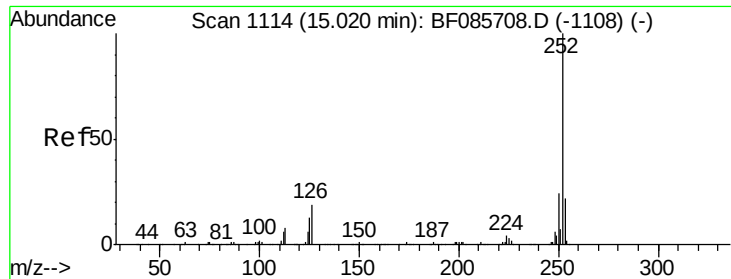
Delta R.T. -0.00 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Tgt Ion:	252	Resp:	215256
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	12.2	10.3	15.5





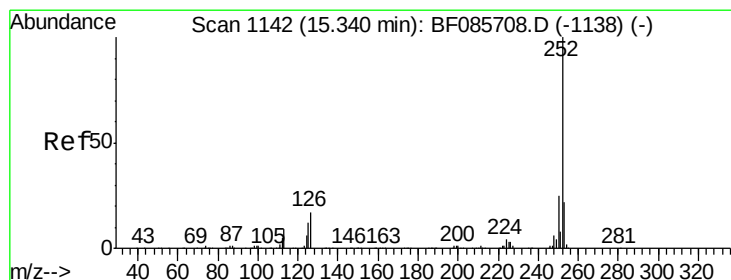
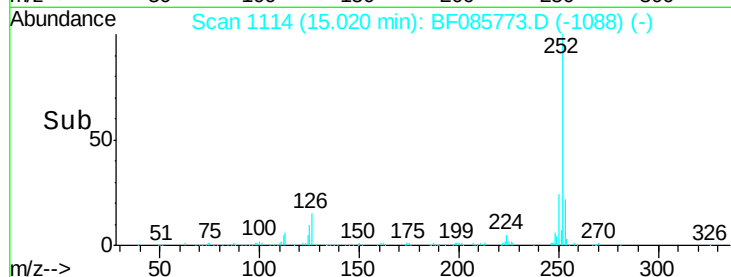
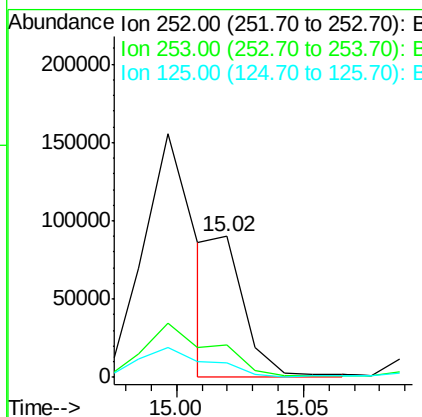
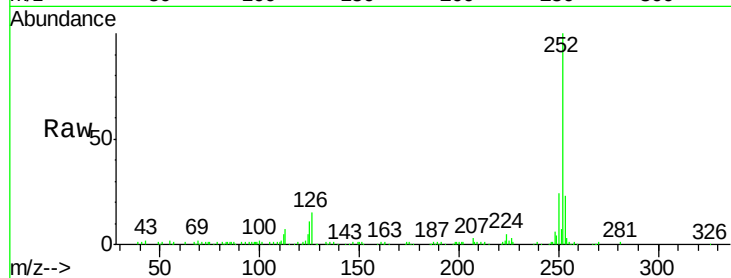
#88
Benzo(k)fluoranthene
Concen: 6.76 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.5	7.7	11.5

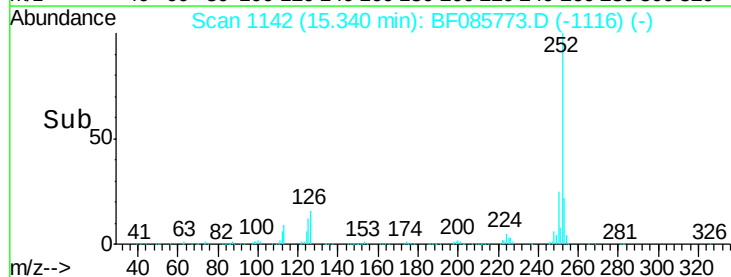
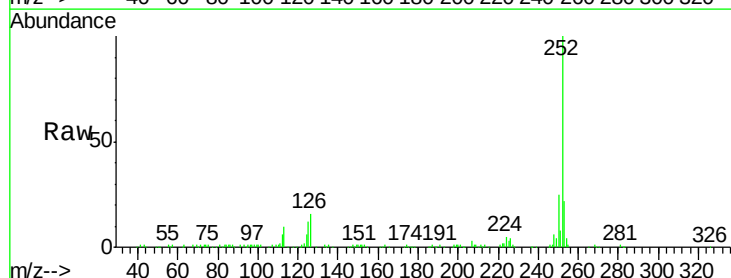
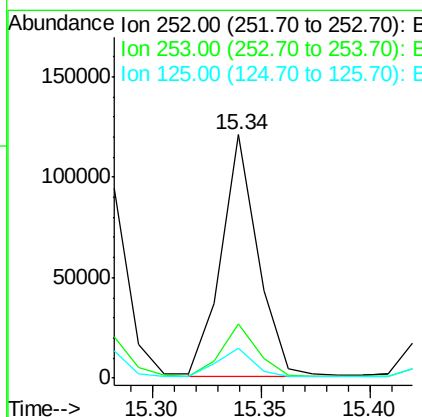
Manual Integrations
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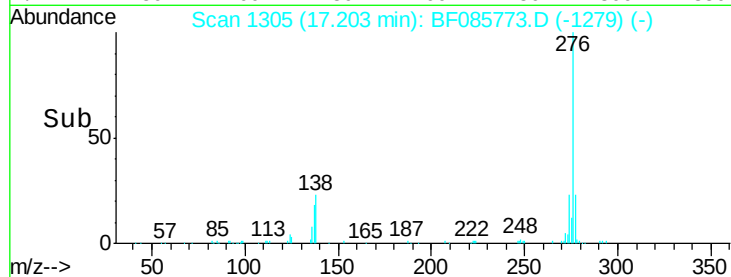
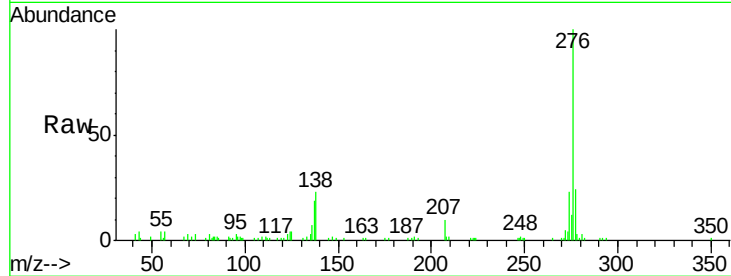
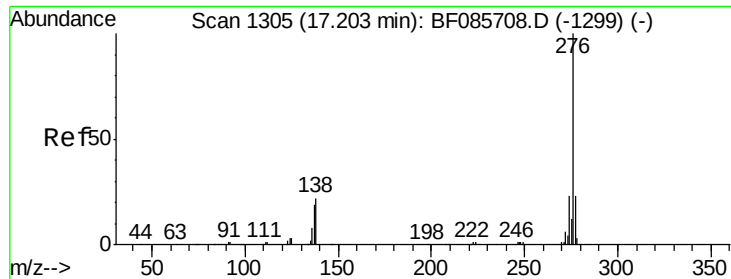
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#89
Benzo(a)pyrene
Concen: 12.10 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085773.D
Acq: 25 Mar 2016 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.3	10.3	15.5





#91

Benzo(a,h,i)perylene

Concen: 6.92 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF085773.D

Acq: 25 Mar 2016 20:46

Instrument :

BNA_F

ClientSampleId :

SB-6

Tot Ion: 276 Resp: 75325

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.7 22.6 34.0

Manual Integrations
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