

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083686.D
 Acq On : 10 Dec 2015 20:01
 Operator : UM/IZ
 Sample : G4582-09DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)DL

Manual Integrations
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 12/11/2015 6:01:35 PM

Quant Time: Dec 11 03:10:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.62	152	128010	20.00	ng	-0.08
21) Naphthalene-d8	7.50	136	504323	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	243597	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	454009	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	437069	20.00	ng	-0.08
86) Perylene-d12	18.58	264	368784	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.95	112	123234	14.60	ng	-0.02
7) Phenol-d6	5.23	99	198077	17.56	ng	-0.05
23) Nitrobenzene-d5	6.49	82	120569	11.16	ng	-0.05
41) 2,4,6-Tribromophenol	11.61	330	33117	15.26	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	199402	11.52	ng	-0.09
78) Terphenyl-d14	15.31	244	192449	10.36	ng	-0.10
Target Compounds						Qvalue
31) Naphthalene	7.54	128	1575017	58.97	ng	99
37) 2-Methylnaphthalene	8.65	142	194185	11.57	ng	98
45) 1,1'-Biphenyl	9.41	154	73915	3.49	ng	96
49) Dimethylphthalate	9.96	163	41317	2.13	ng	# 99
51) Acenaphthene	10.34	154	232973	15.44	ng	99
57) Fluorene	11.20	166	115984	6.35	ng	100
70) Phenanthrene	12.73	178	651897	24.99	ng	100
71) Anthracene	12.84	178	154667	5.72	ng	98
74) Fluoranthene	14.67	202	301126	11.28	ng	97
77) Pyrene	15.01	202	431821	13.72	ng	100
80) Benzo(a)anthracene	16.91	228	118299m	4.62	ng	
82) Chrysene	16.98	228	99393	3.88	ng	98
87) Benzo(b)fluoranthene	18.23	252	71456m	3.40	ng	
89) Benzo(a)pyrene	18.53	252	102407	5.00	ng	98
91) Benzo(a,h,i)perylene	20.26	276	36941m	2.42	ng	

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

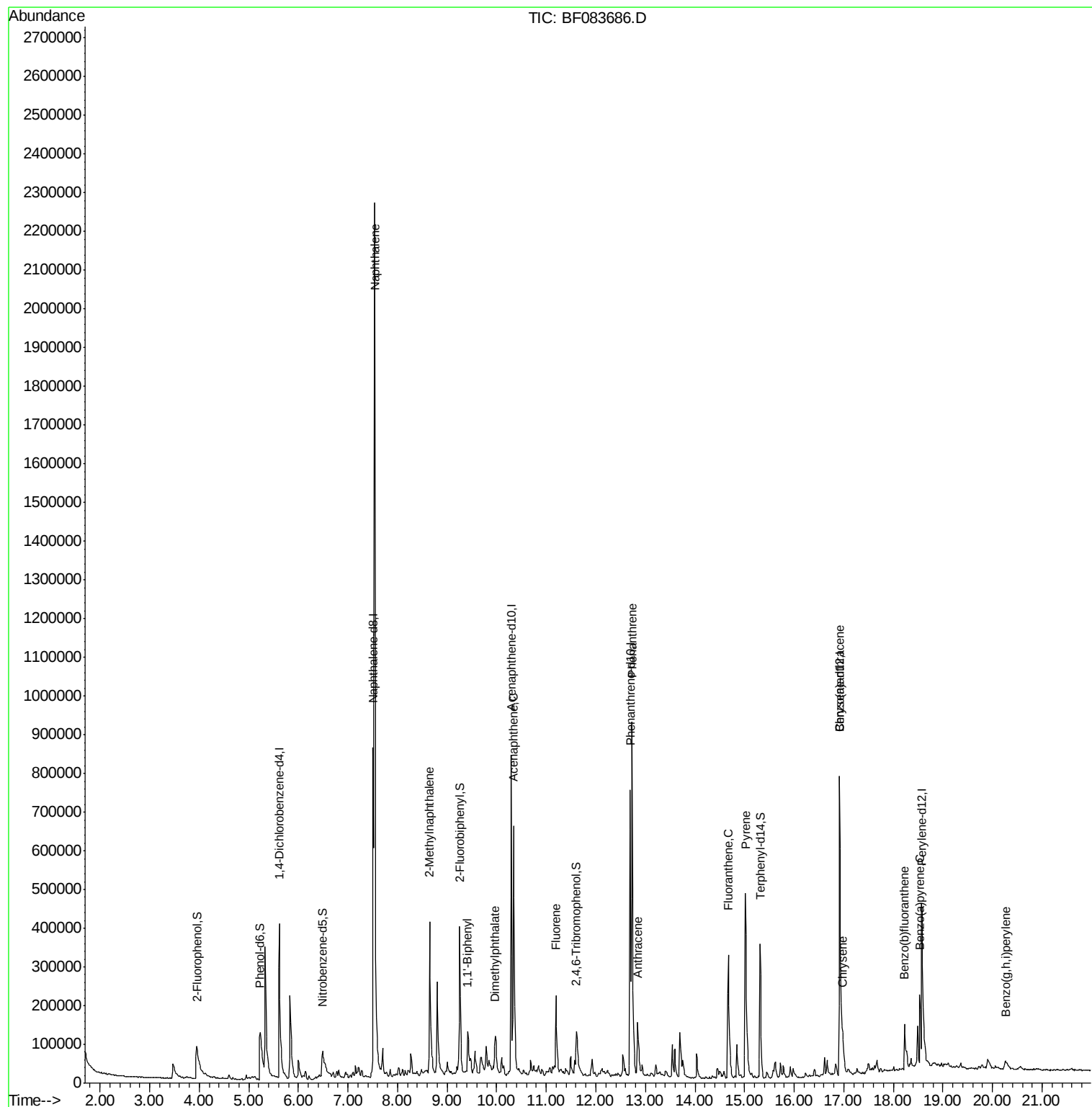
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083686.D
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Misc :
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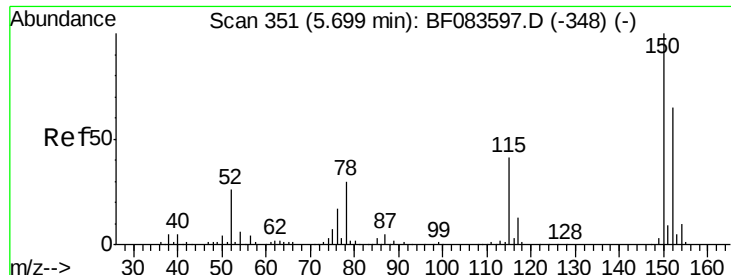
Instrument :
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SB-P3WC-06(6-13)DL

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Quant Time: Dec 11 03:10:56 2015
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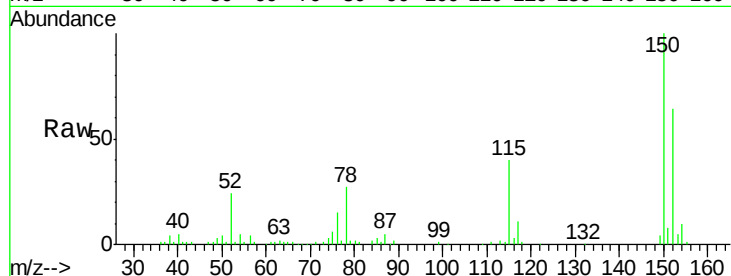




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.62 min Scan# 344
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

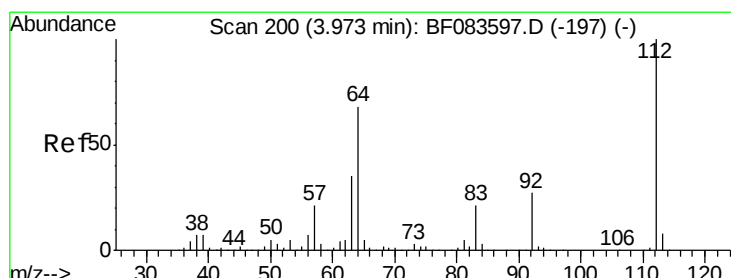
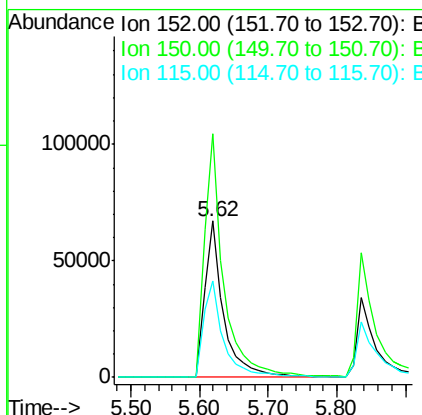
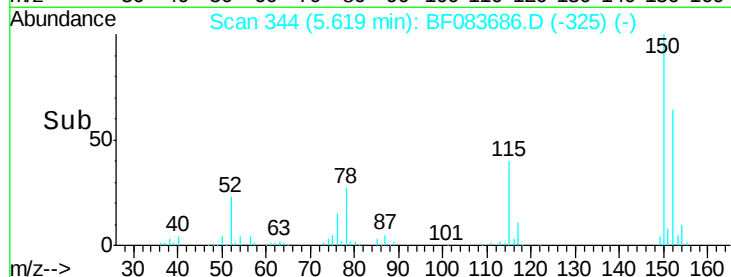
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL



Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.5	189.7
115	61.7	52.3	78.5

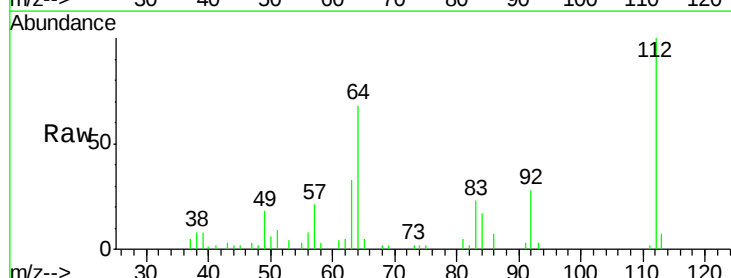
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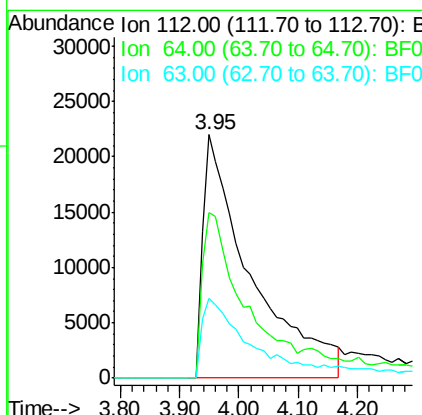
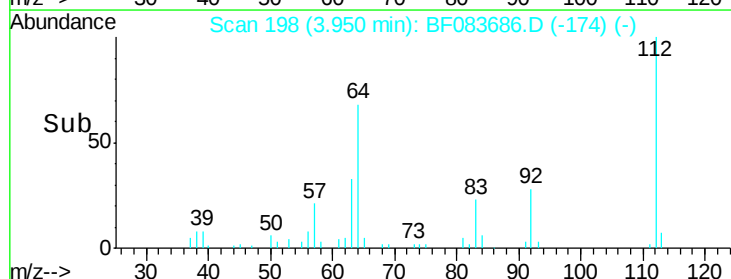


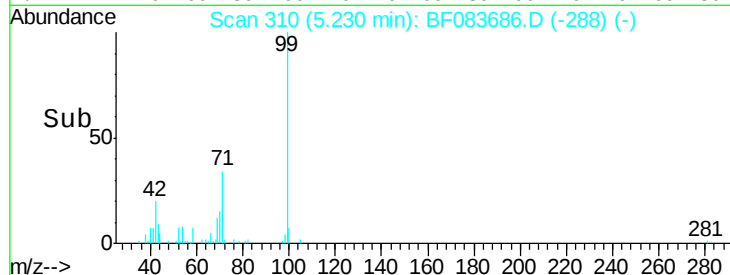
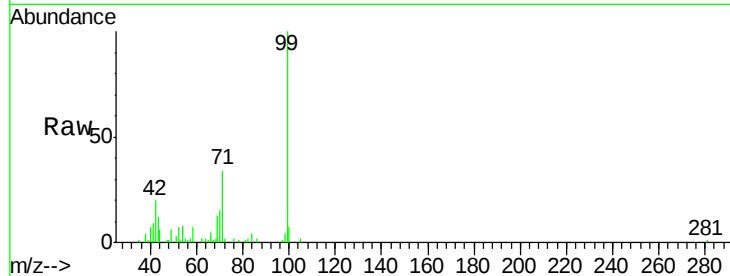
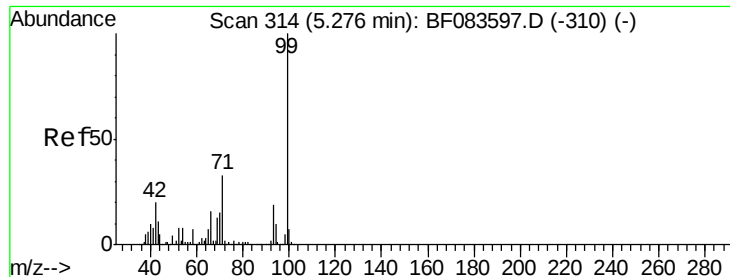
#5

2-Fluorophenol
Concen: 14.60 ng
RT: 3.95 min Scan# 198
Delta R.T. -0.02 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01



Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	50.5	75.7
63	33.0	25.8	38.6





#7

Phenol-d6

Concen: 17.56 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.05 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		198077		
42	20.0	17.3	25.9		
71	33.9	26.6	40.0		

Instrument :

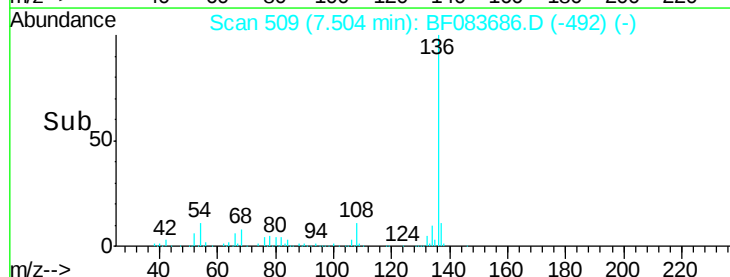
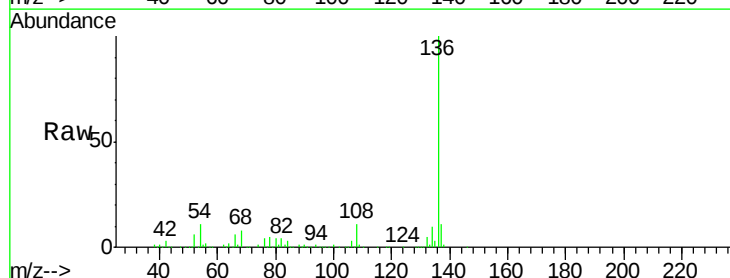
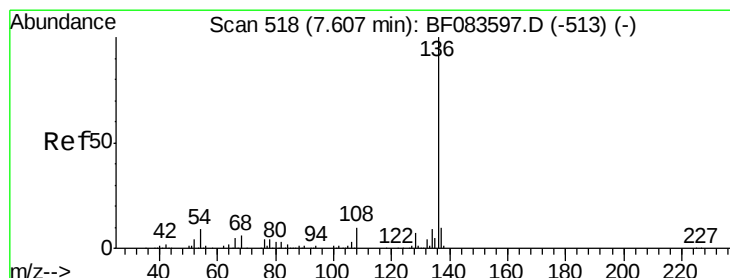
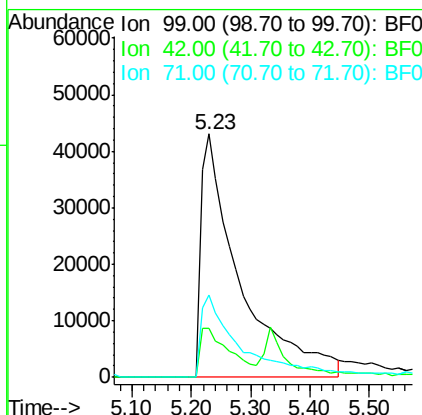
BNA_F

ClientSampleId :

SB-P3WC-06(6-13)DL

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#21

Naphthalene-d8

Concen: 20.00 ng

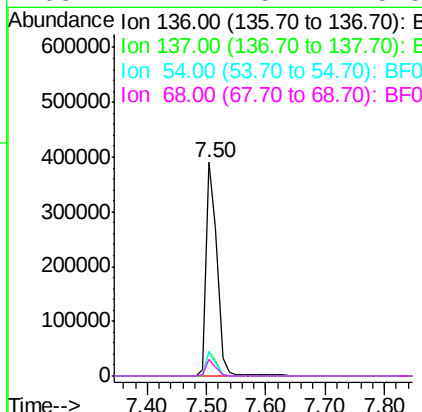
RT: 7.50 min Scan# 509

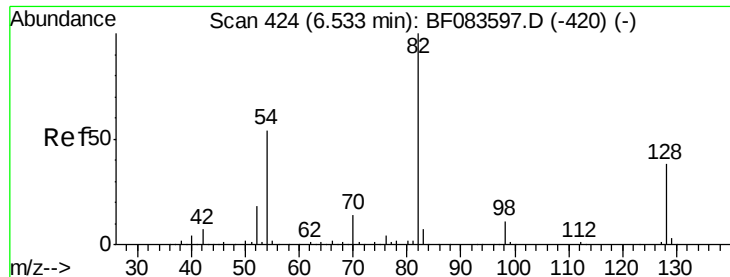
Delta R.T. -0.10 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		504323		
137	11.4	8.7	13.1		
54	11.2	7.8	11.6		
68	7.7	5.7	8.5		





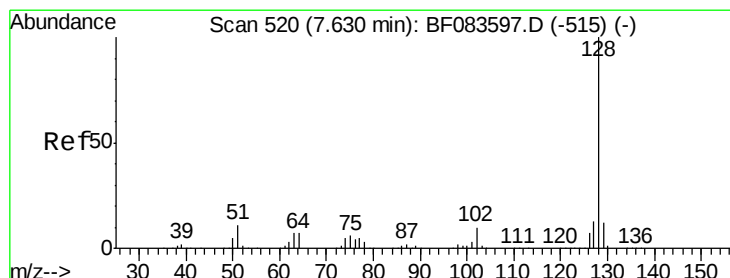
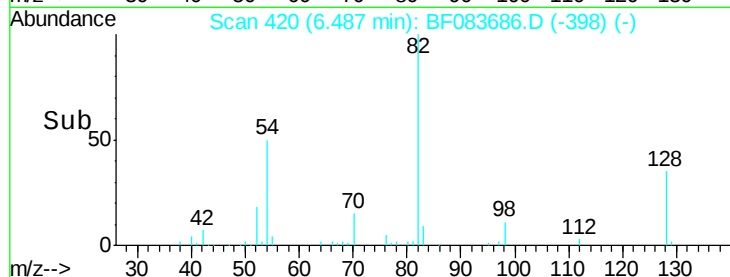
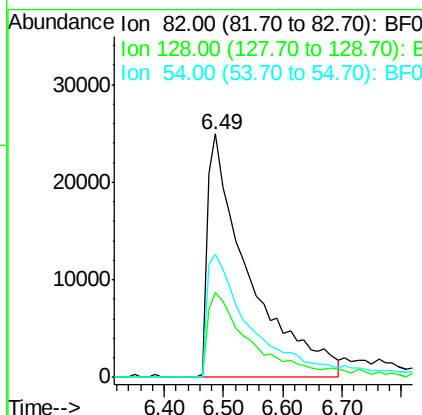
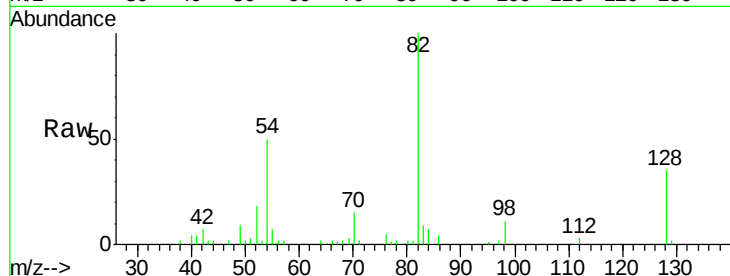
#23
 Nitrobenzene-d5
 Concen: 11.16 ng
 RT: 6.49 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	30.7	46.1
54	50.5	42.5	63.7

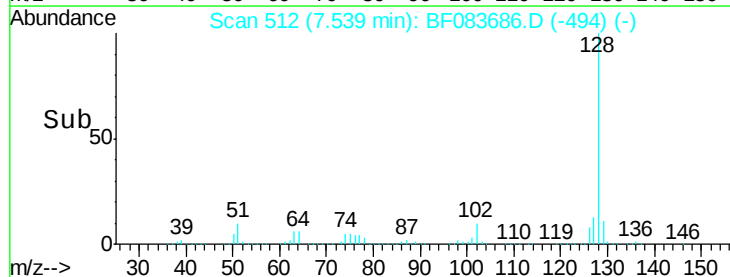
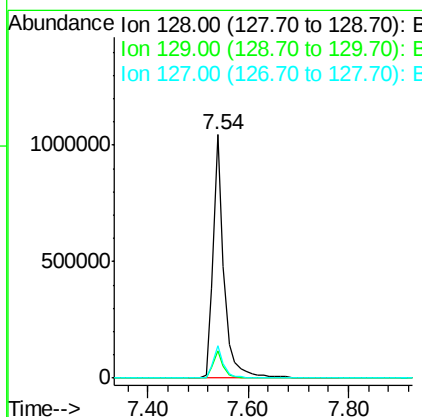
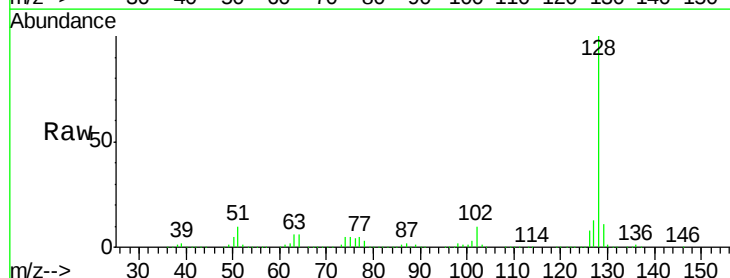
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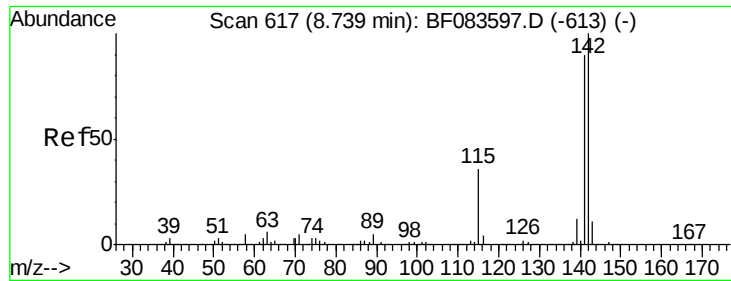
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#31
 Naphthalene
 Concen: 58.97 ng
 RT: 7.54 min Scan# 512
 Delta R.T. -0.09 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.6	16.0





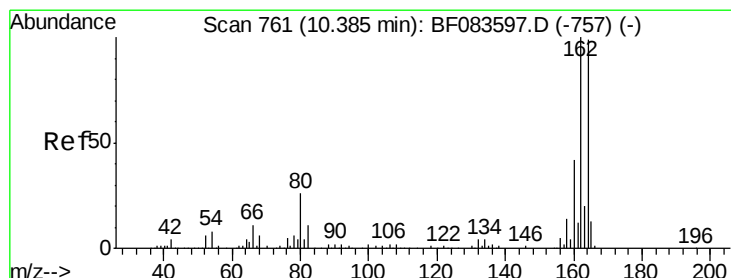
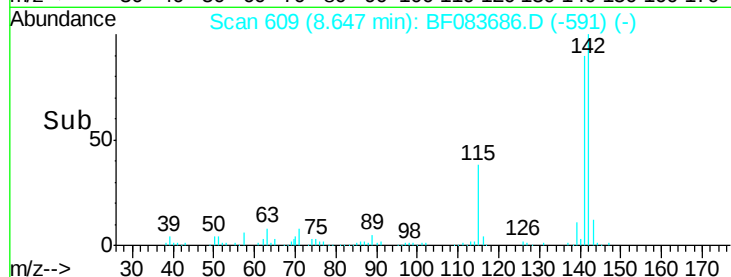
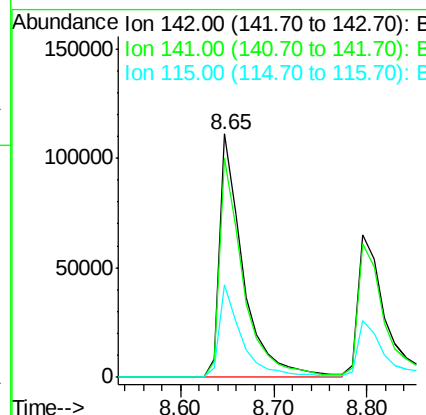
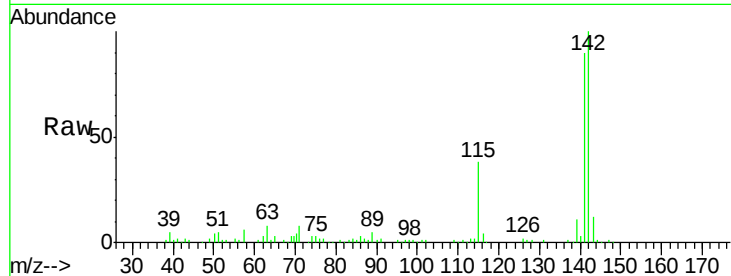
#37
2-Methylnaphthalene
Concen: 11.57 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	38.2	29.2	43.8

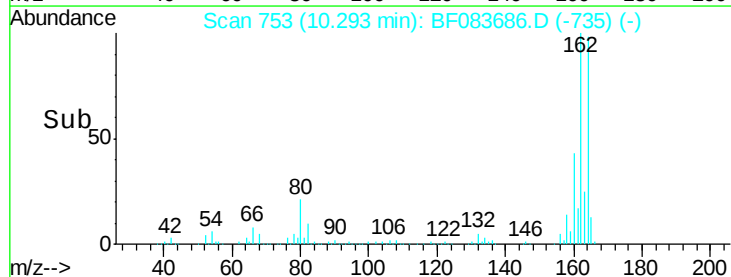
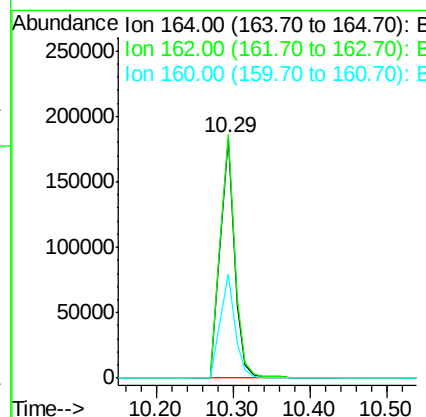
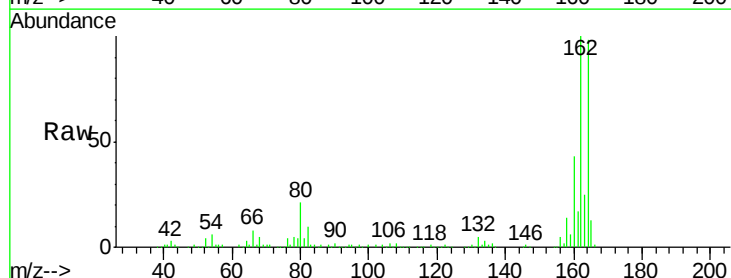
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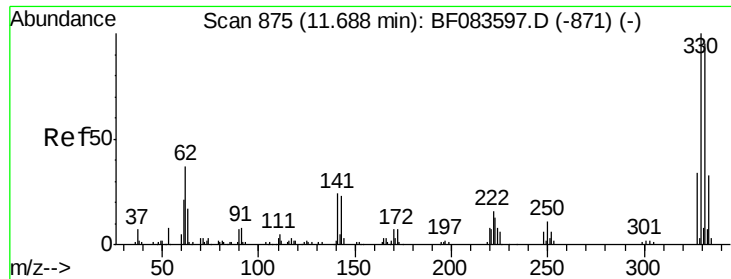
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	43.4	33.4	50.2





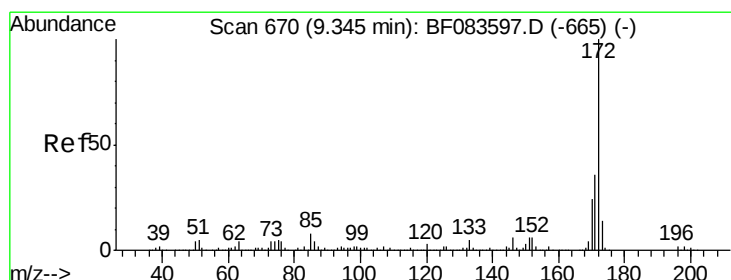
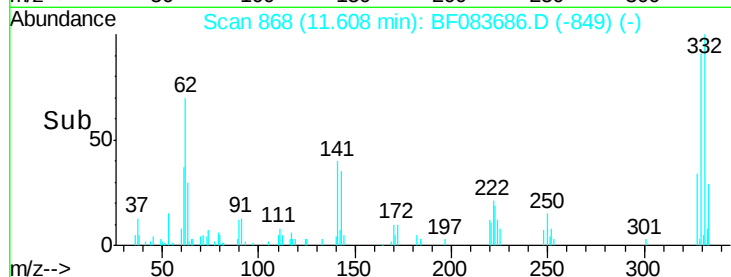
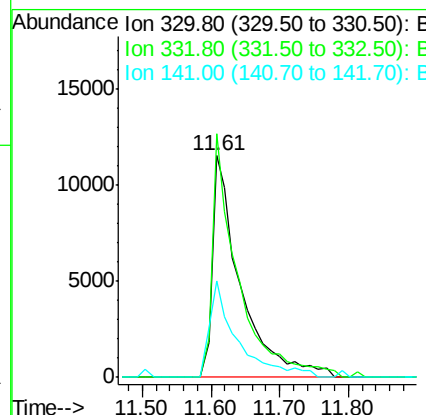
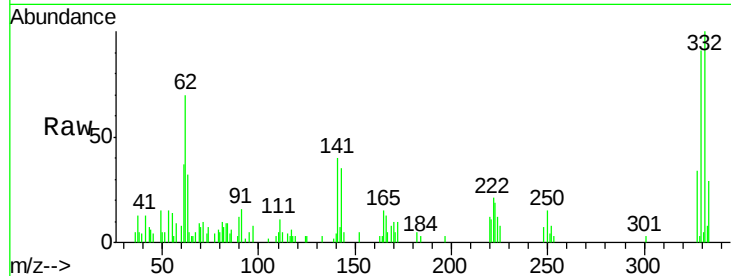
#41
 2,4,6-Tribromophenol
 Concen: 15.26 ng
 RT: 11.61 min Scan# 868
 Delta R.T. -0.08 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.4	0.0	0.0	0.0
141	42.7	0.0	0.0	0.0

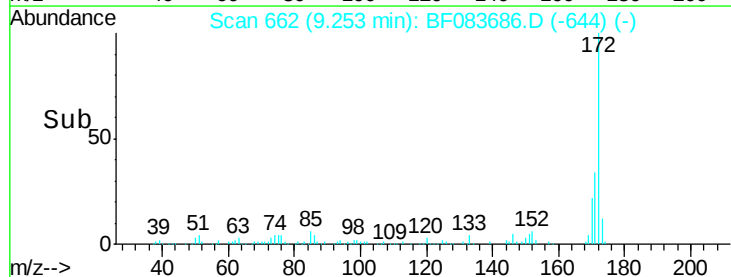
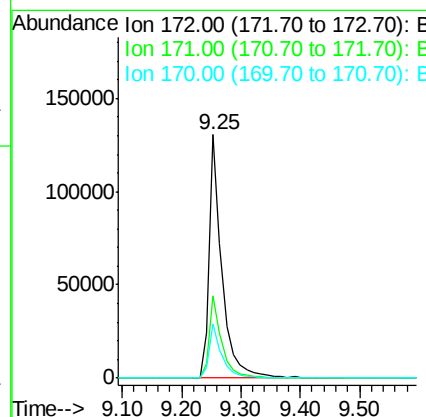
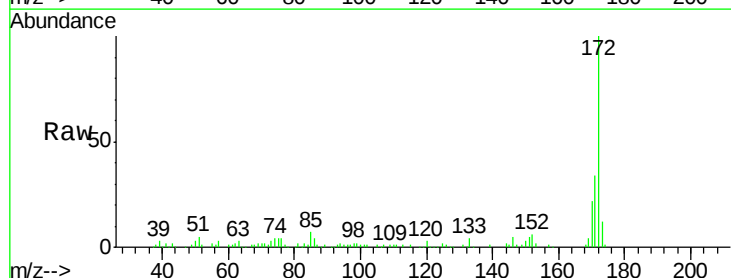
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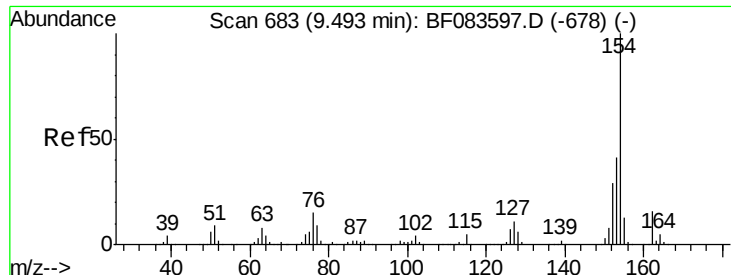
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#44
 2-Fluorobiphenyl
 Concen: 11.52 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.9	28.6	42.8	
170	22.1	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 3.49 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.08 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Instrument :

BNA_F

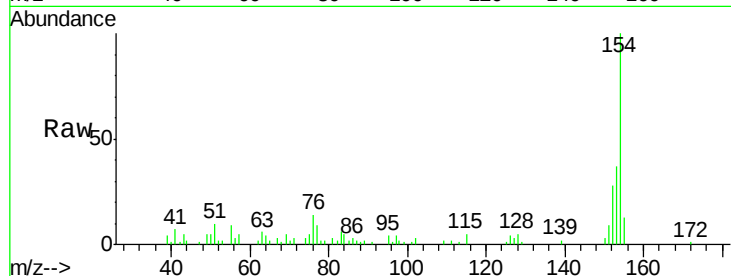
ClientSampleId :

SB-P3WC-06(6-13)DL

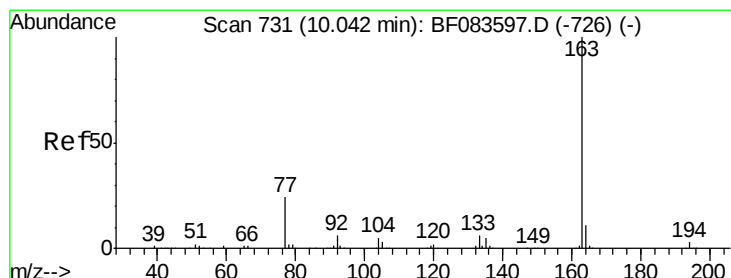
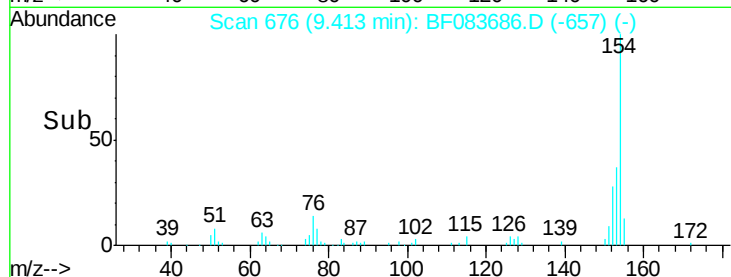
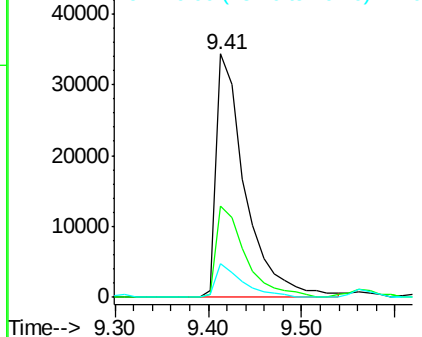
Tot Ion:	154	Resp:	73915
Ion Ratio	Lower	Upper	
154	100		
153	37.5	20.2	60.2
76	13.6	0.0	34.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#49

Dimethylphthalate

Concen: 2.13 ng

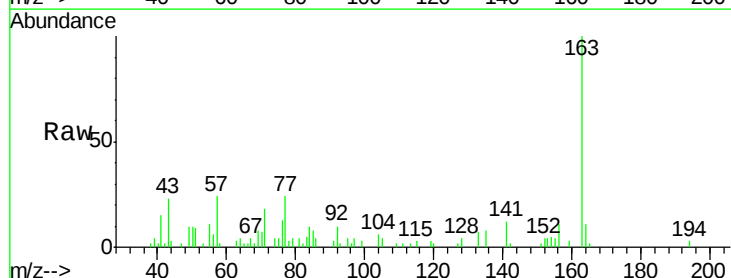
RT: 9.96 min Scan# 724

Delta R.T. -0.08 min

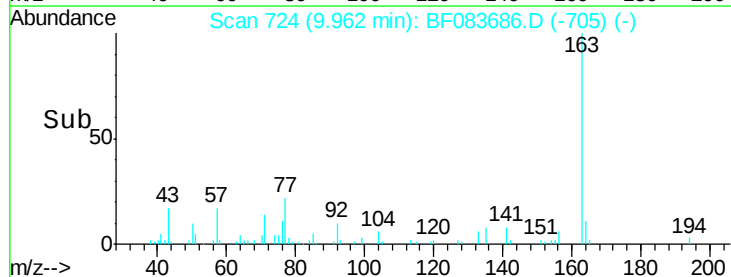
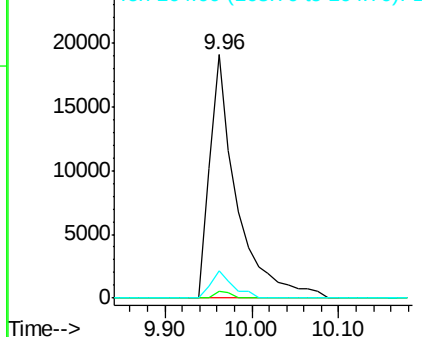
Lab File: BF083686.D

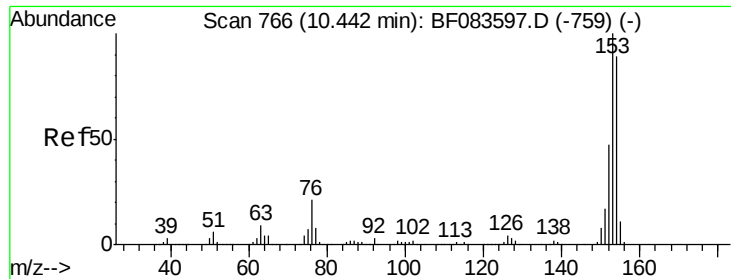
Acq: 10 Dec 2015 20:01

Tgt Ion:	163	Resp:	41317
Ion Ratio	Lower	Upper	
163	100		
194	2.7	2.8	4.2#
164	11.2	8.6	13.0



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





#51

Acenaphthene

Concen: 15.44 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.10 min

Lab File: BF083686.D

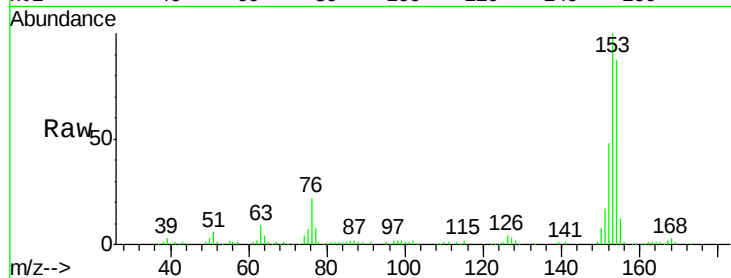
Acq: 10 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

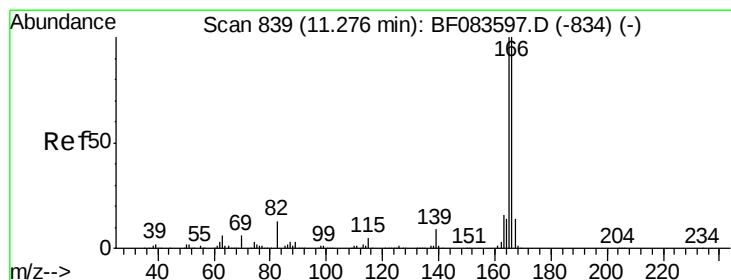
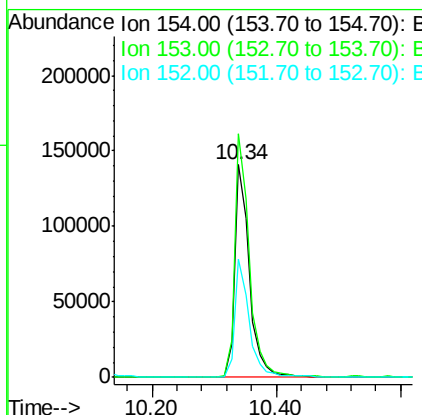
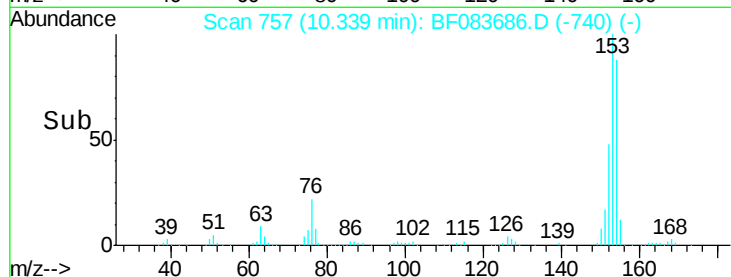
SB-P3WC-06(6-13)DL



Tot Ion	154	Resp	232973
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.4	137.0
152	55.4	43.4	65.2

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#57

Fluorene

Concen: 6.35 ng

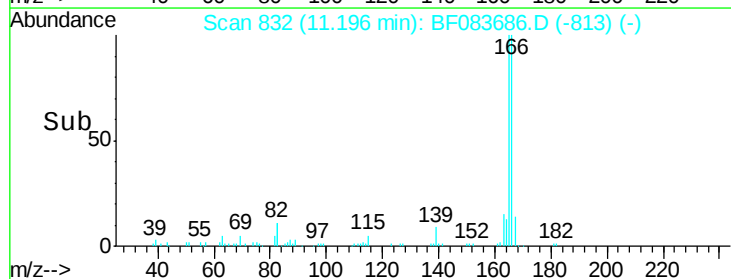
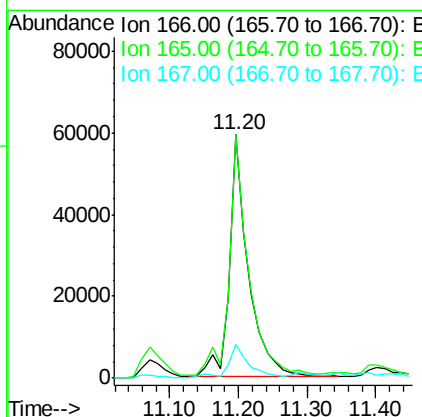
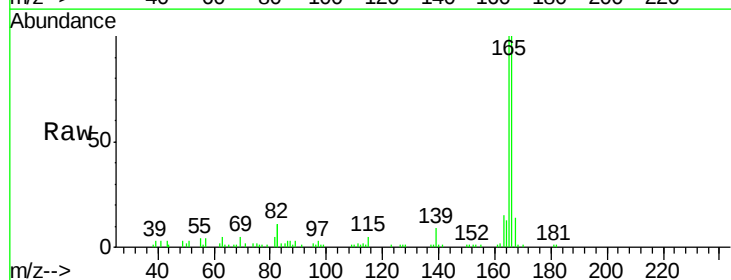
RT: 11.20 min Scan# 832

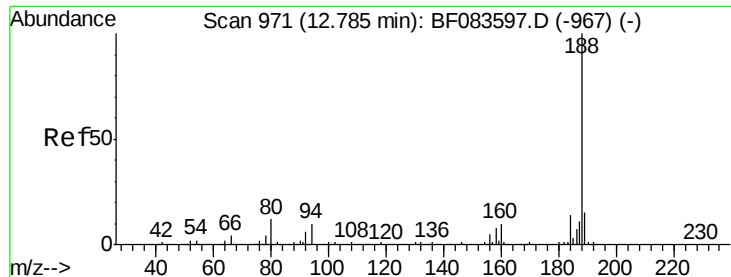
Delta R.T. -0.08 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tgt Ion	166	Resp	115984
Ion Ratio	Lower	Upper	
166	100		
165	99.9	80.0	120.0
167	13.6	10.6	16.0





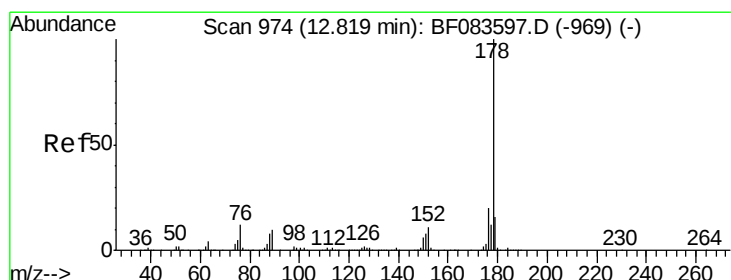
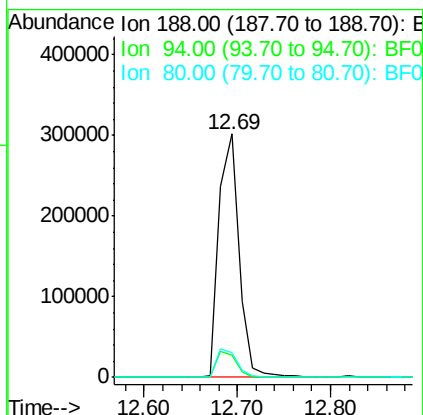
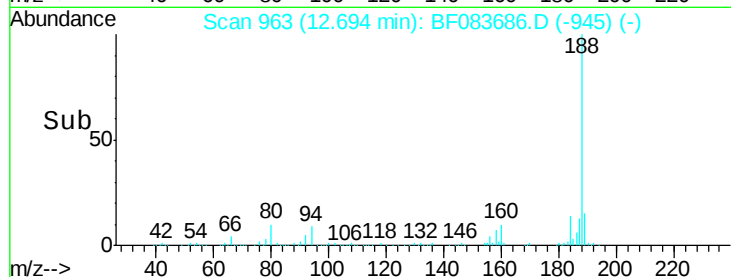
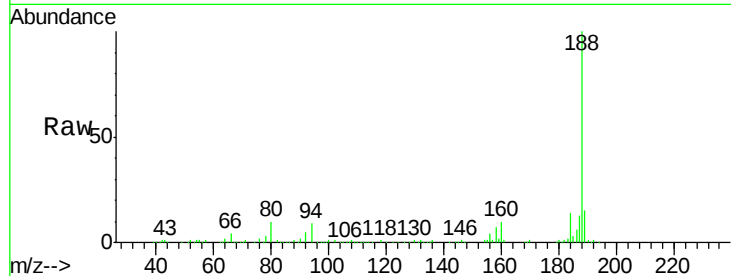
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	454009		
94	9.2		9.4	14.2#
80	10.2		10.6	16.0#

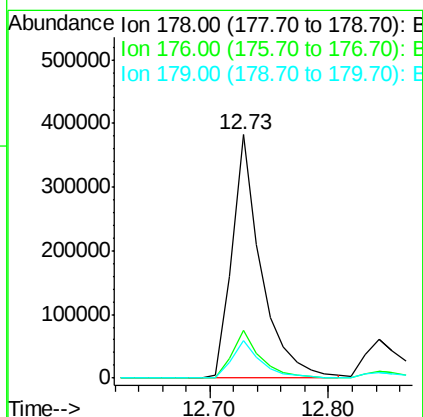
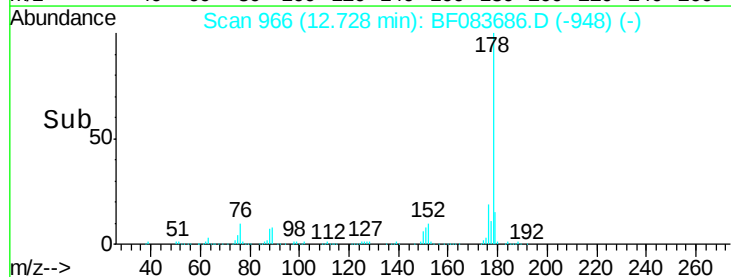
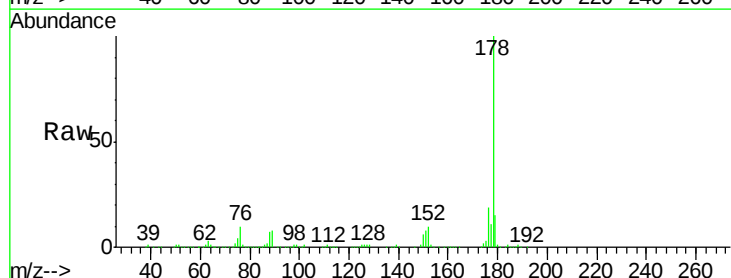
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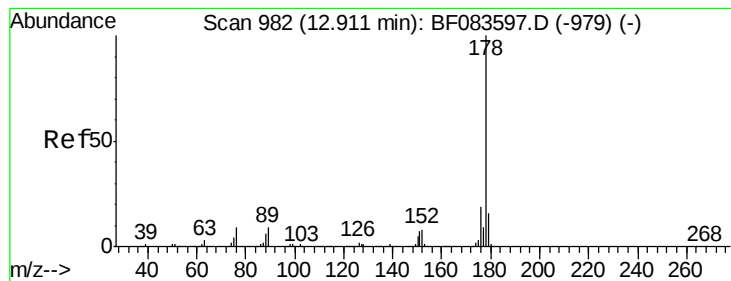
MMdadoda
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#70
Phenanthrene
Concen: 24.99 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	651897		
176	19.5		15.7	23.5
179	15.3		12.2	18.4





#71

Anthracene

Concen: 5.72 ng

RT: 12.84 min Scan# 976

Delta R.T. -0.07 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Instrument :

BNA_F

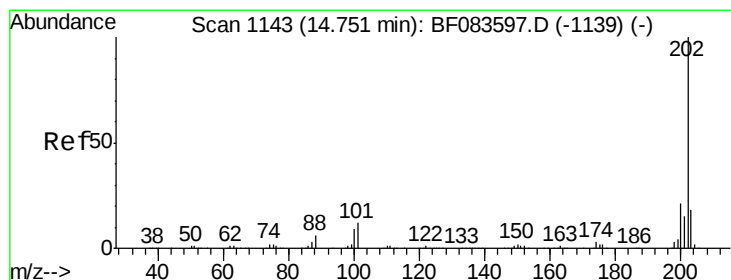
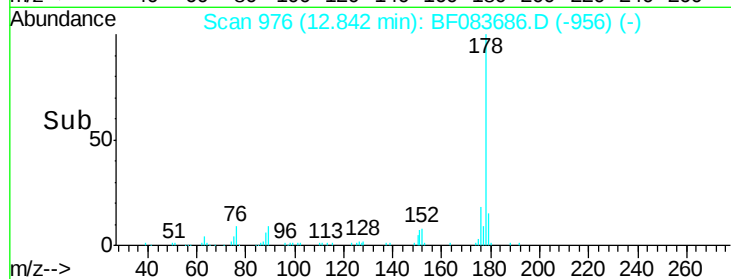
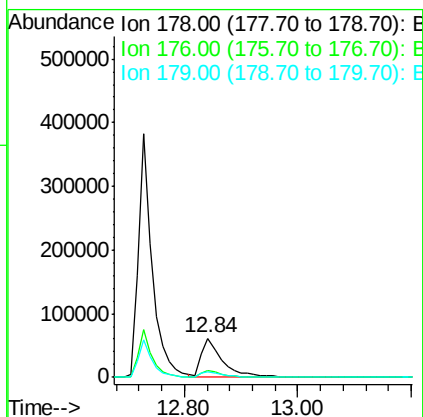
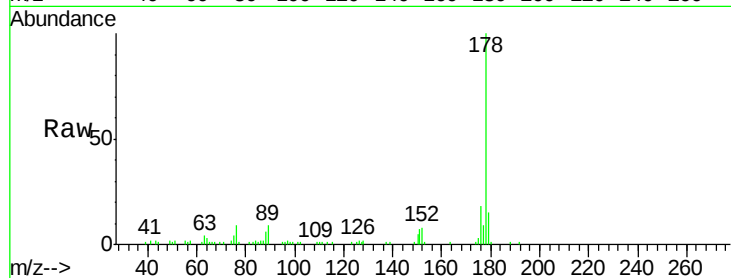
ClientSampleId :

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Tot Ion:178	Resp:	154667
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.2 22.8
179	14.7	12.6 18.8



#74

Fluoranthene

Concen: 11.28 ng

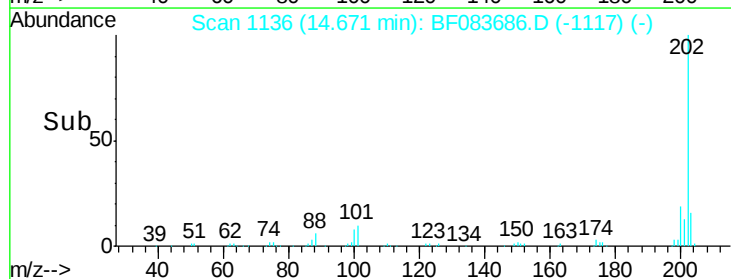
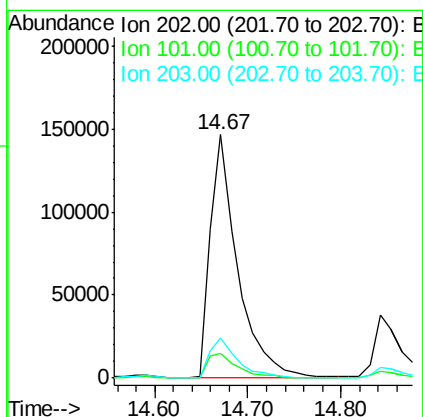
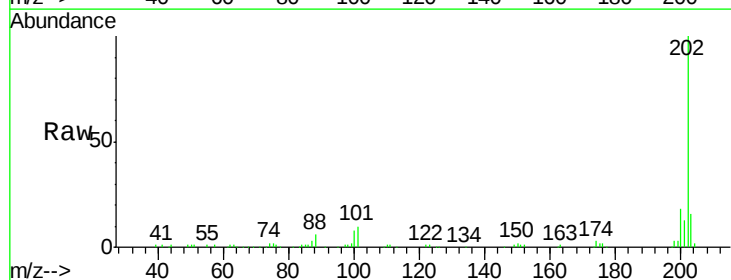
RT: 14.67 min Scan# 1136

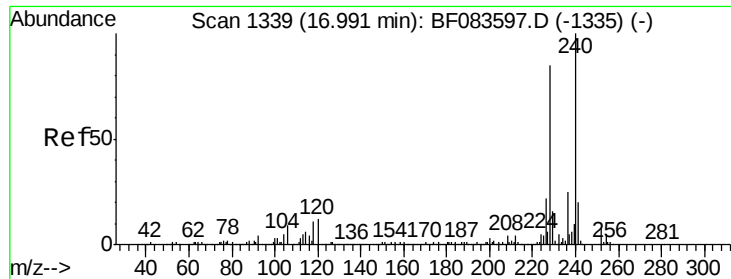
Delta R.T. -0.08 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tgt Ion:202	Resp:	301126
Ion Ratio	Lower	Upper
202	100	
101	10.3	0.0 31.5
203	16.3	0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Instrument :

BNA_F

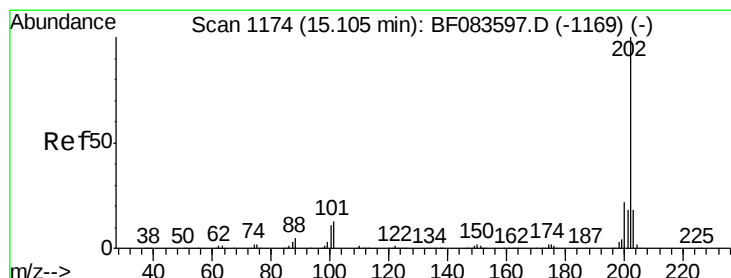
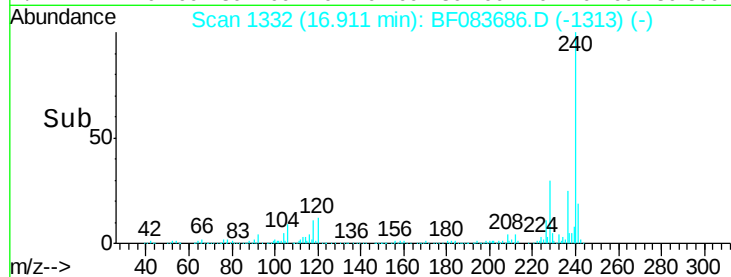
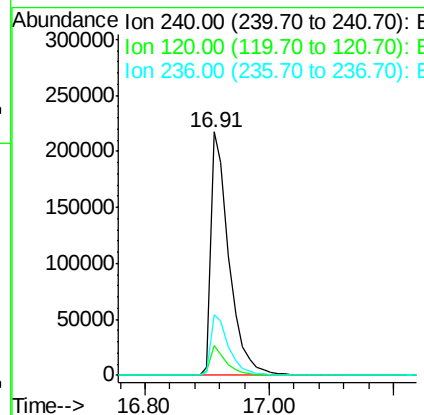
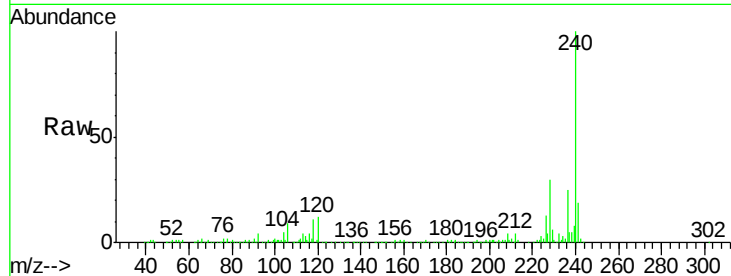
ClientSampleId :

SB-P3WC-06(6-13)DL

Tot Ion:	240	Resp:	437069
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.1	12.1#
236	25.0	20.8	31.2

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#77

Pyrene

Concen: 13.72 ng

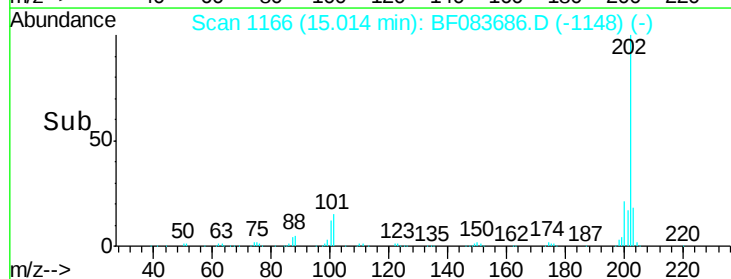
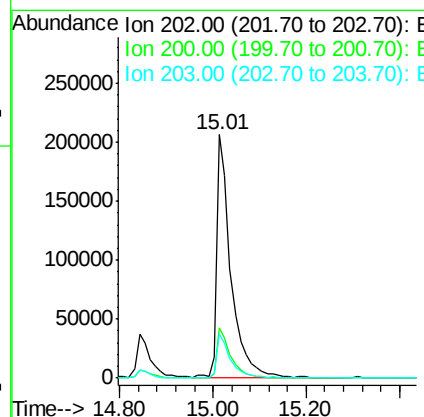
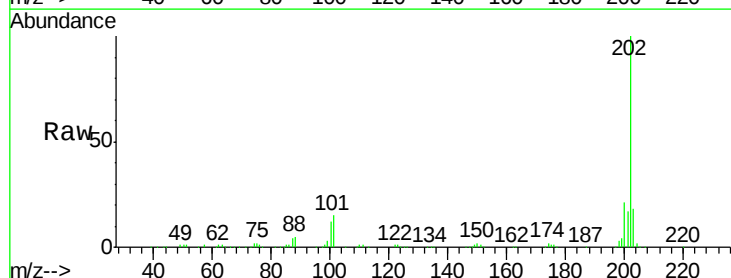
RT: 15.01 min Scan# 1166

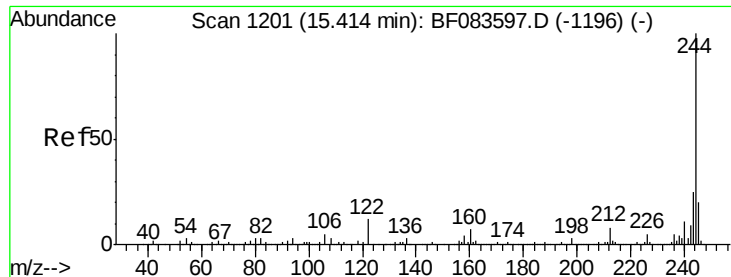
Delta R.T. -0.09 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tgt Ion:	202	Resp:	431821
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.7	25.1
203	18.3	14.3	21.5





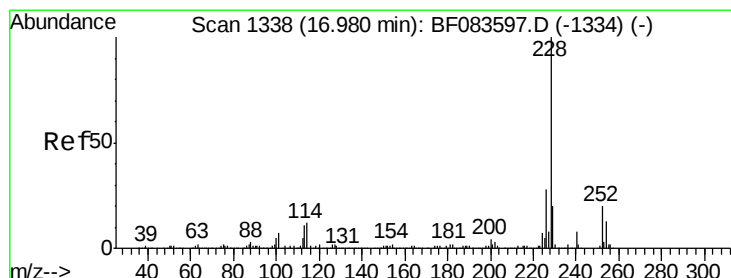
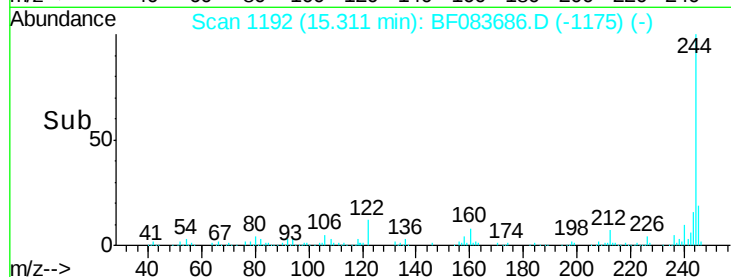
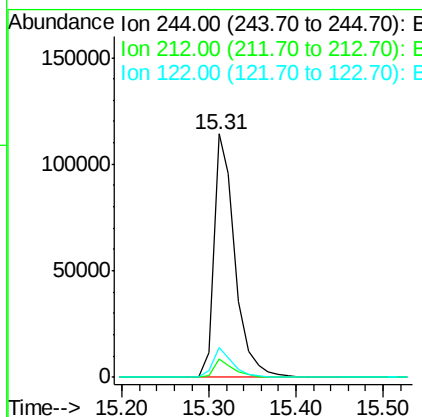
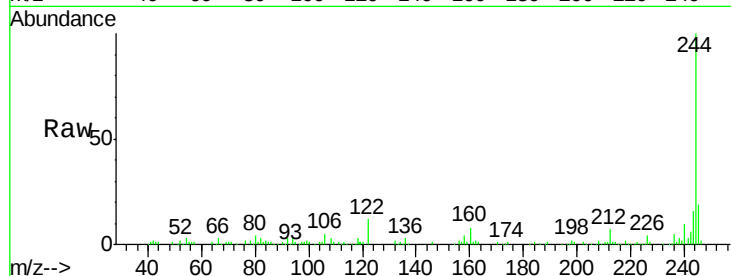
#78
 Terphenyl-d14
 Concen: 10.36 ng
 RT: 15.31 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)DL

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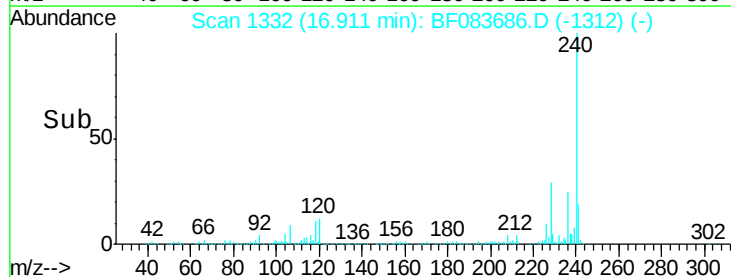
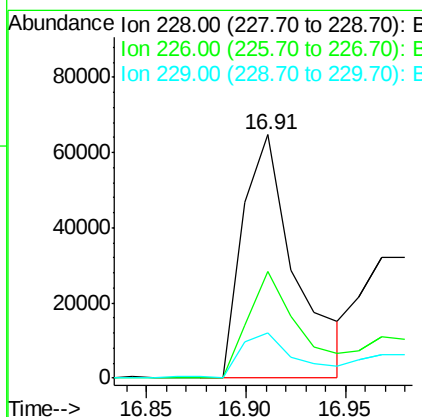
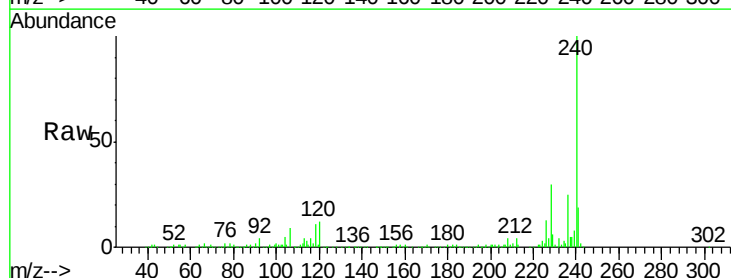
MMdadoda
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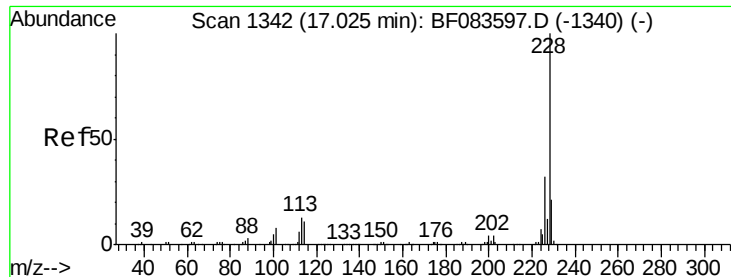
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.4	11.0	16.6



#80
 Benzo(a)anthracene
 Concen: 4.62 ng m
 RT: 16.91 min Scan# 1332
 Delta R.T. -0.07 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.8	22.3	33.5#
229	18.7	15.7	23.5





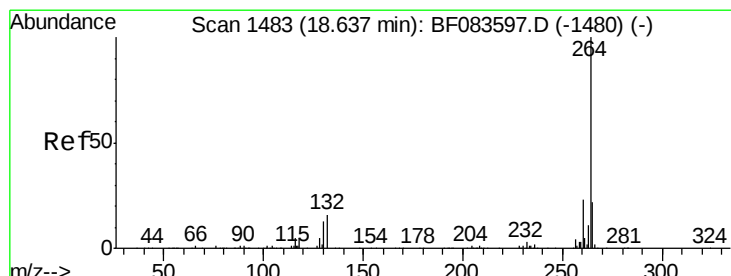
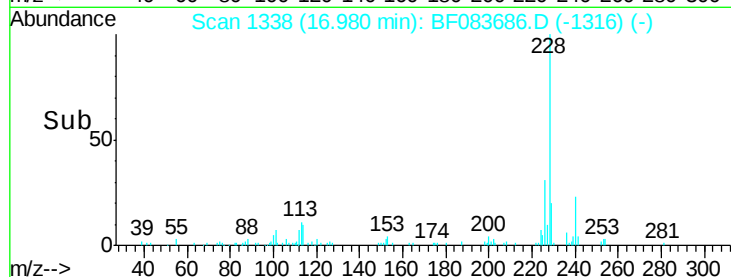
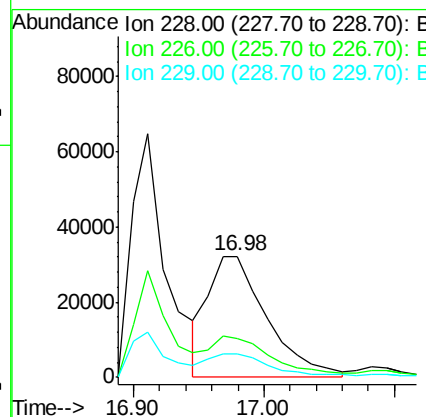
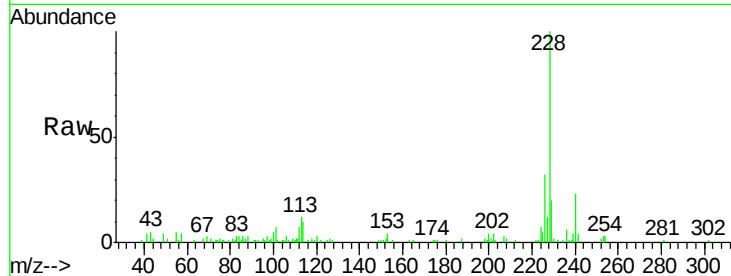
#82
Chrysene
Concen: 3.88 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.05 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.2	24.7	37.1		
229	19.6	16.3	24.5		

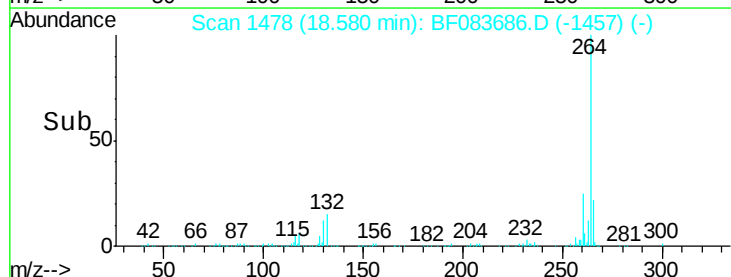
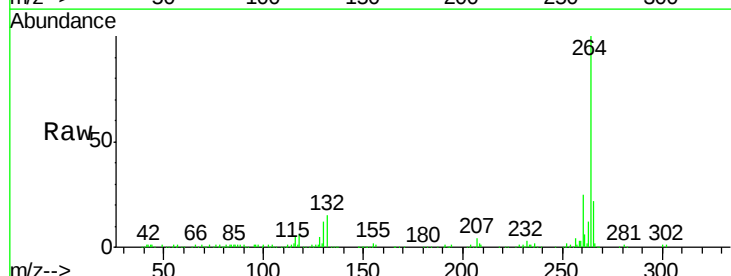
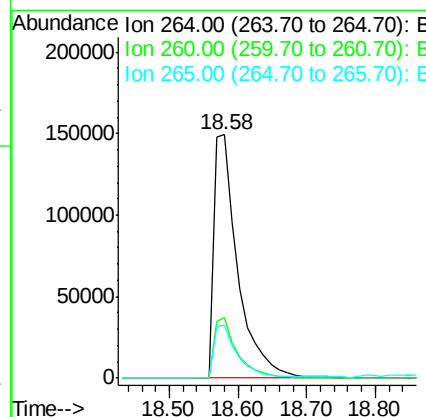
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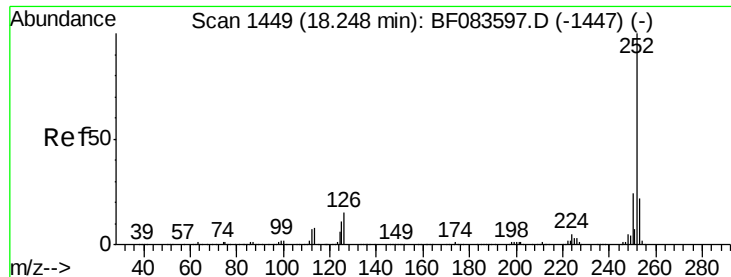
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.58 min Scan# 1478
Delta R.T. -0.06 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.7	19.4	29.0		
265	21.5	17.8	26.6		





#87

Benzo(b)fluoranthene

Concen: 3.40 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Instrument :

BNA_F

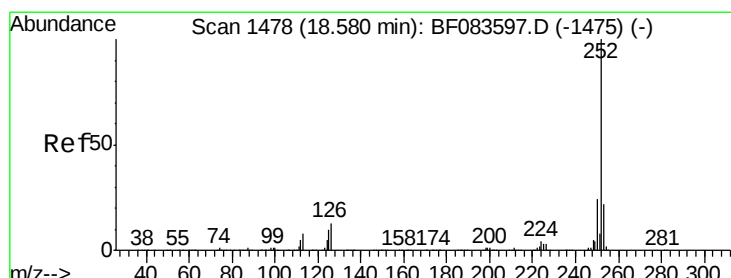
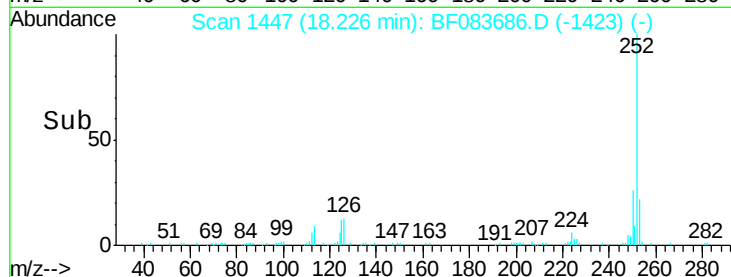
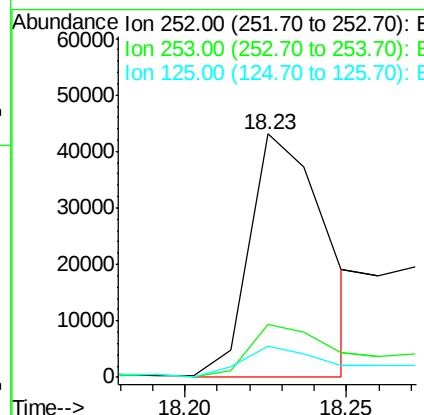
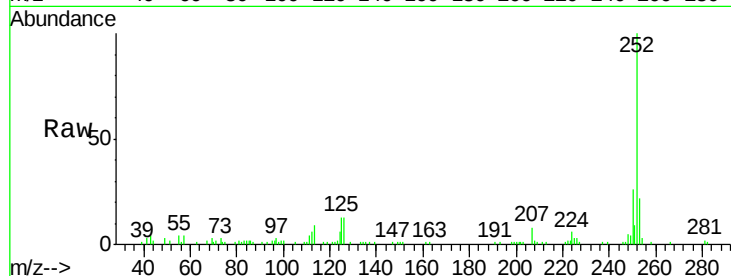
ClientSampleId :

SB-P3WC-06(6-13)DL

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Tot Ion:	252	Resp:	71456
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	12.9	8.2	12.4



#89

Benzo(a)pyrene

Concen: 5.00 ng

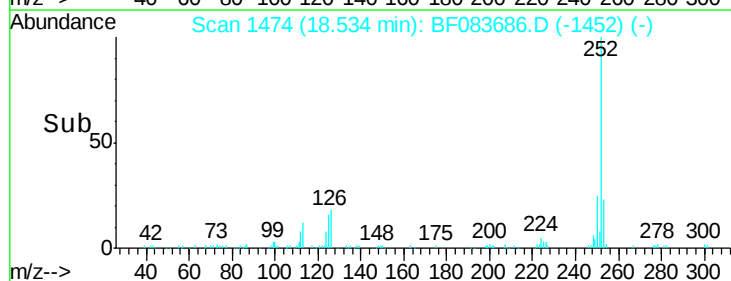
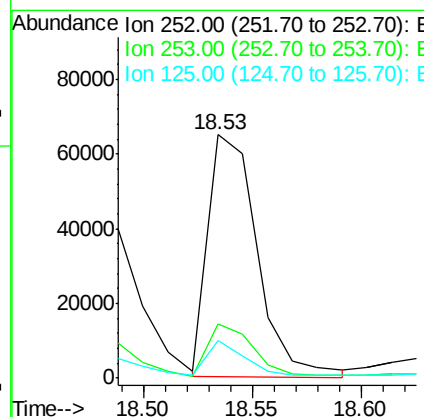
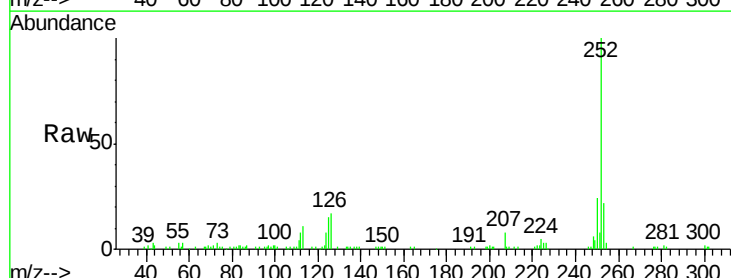
RT: 18.53 min Scan# 1474

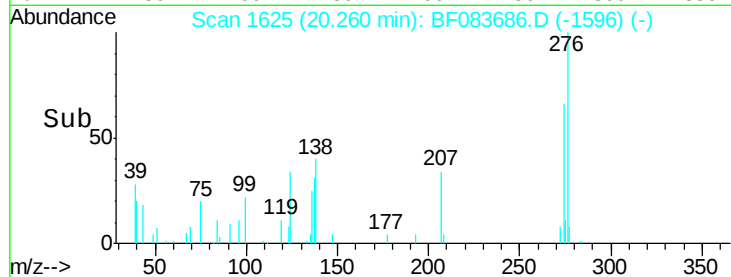
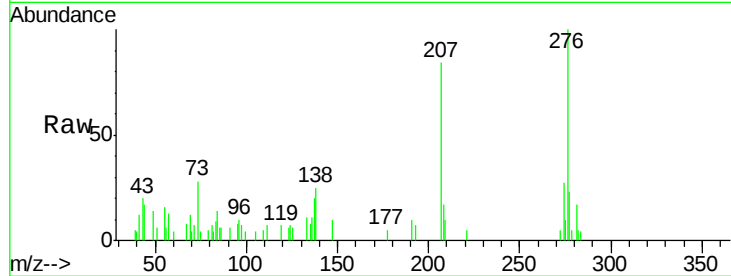
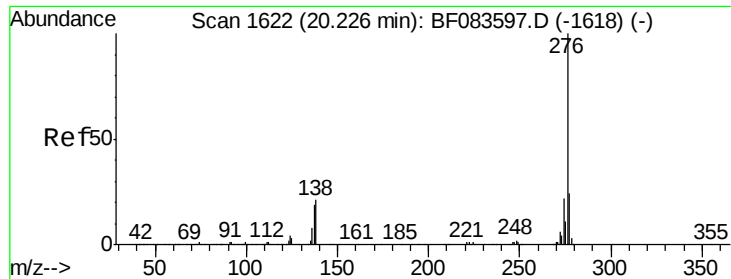
Delta R.T. -0.05 min

Lab File: BF083686.D

Acq: 10 Dec 2015 20:01

Tgt Ion:	252	Resp:	102407
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	15.3	11.0	16.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.42 ng m
 RT: 20.26 min Scan# 1625
 Delta R.T. 0.03 min
 Lab File: BF083686.D
 Acq: 10 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	25.2	19.5	29.3

Manual Integrations
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