

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077723.D
 Acq On : 12 Mar 2015 9:50
 Operator : TP/IZ
 Sample : G1457-03DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Manual Integrations
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 3/13/2015 9:40:55 AM

Quant Time: Mar 12 13:17:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	53472	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	219363	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	113535	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	226206	20.00	ng	0.00
75) Chrysene-d12	16.03	240	221534	20.00	ng	0.00
86) Perylene-d12	17.80	264	215326	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	82701	27.00	ng	0.00
7) Phenol-d6	6.74	99	110057	29.08	ng	0.00
23) Nitrobenzene-d5	7.86	82	62068	18.55	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	26475	24.37	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	153677	19.89	ng	0.00
78) Terphenyl-d14	14.74	244	185459	20.45	ng	-0.01
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.09	146	58445	14.41	ng	96
13) 1,4-Dichlorobenzene	7.18	146	122193	29.00	ng	# 94
14) 1,2-Dichlorobenzene	7.37	146	56914	14.73	ng	# 92
18) Hexachloroethane	7.79	117	23890	17.29	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	25602	6.24	ng	100
30) 1,2,4-Trichlorobenzene	8.68	180	18165	5.30	ng	99
31) Naphthalene	8.77	128	142073	12.61	ng	99
34) Hexachlorobutadiene	8.93	225	51261	26.37	ng	99
48) Acenaphthylene	10.74	152	236680	19.30	ng	99
49) Dimethylphthalate	10.60	163	196608	23.35	ng	98
50) 2,6-Dinitrotoluene	10.67	165	11274	6.46	ng	93
51) Acenaphthene	10.96	154	111849	15.90	ng	99
56) 2,4-Dinitrotoluene	11.16	165	24349	10.70	ng	# 84
57) Fluorene	11.60	166	141183	16.30	ng	99
59) Diethylphthalate	11.47	149	80603	9.82	ng	96
66) 4-Bromophenyl-phenylether	12.21	248	30810	12.76	ng	96
70) Phenanthrene	12.79	178	158078	12.17	ng	98
71) Anthracene	12.84	178	86354	6.73	ng	100
73) Di-n-butylphthalate	13.51	149	241967	17.68	ng	100
74) Fluoranthene	14.25	202	260954	18.22	ng	92
79) Butylbenzylphthalate	15.37	149	65035	11.84	ng	99
82) Chrysene	16.07	228	135767	11.50	ng	99
83) Bis(2-ethylhexyl)phthalate	16.10	149	40531	4.87	ng	100
84) Di-n-octyl phthalate	16.90	149	438890	30.85	ng	100
87) Benzo(b)fluoranthene	17.35	252	58252m	4.14	ng	
88) Benzo(k)fluoranthene	17.38	252	165362m	15.06	ng	
89) Benzo(a)pyrene	17.73	252	248304	21.17	ng	# 97
90) Dibenzo(a,h)anthracene	19.23	278	98221	8.44	ng	99
91) Benzo(g,h,i)perylene	19.61	276	74780	6.31	ng	97

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

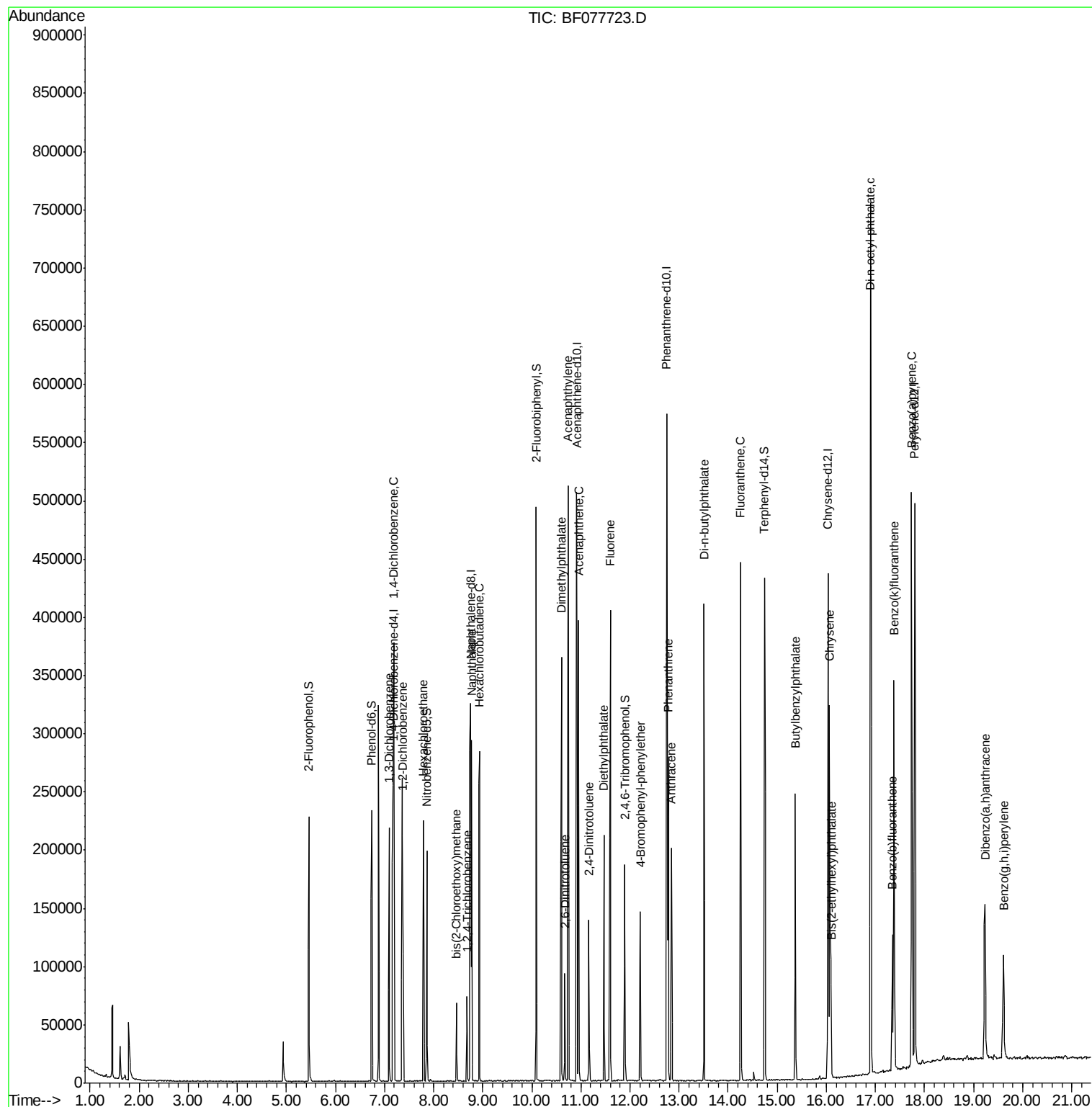
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077723.D
Acq On : 12 Mar 2015 9:50
Operator : TP/IZ
Sample : G1457-03DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

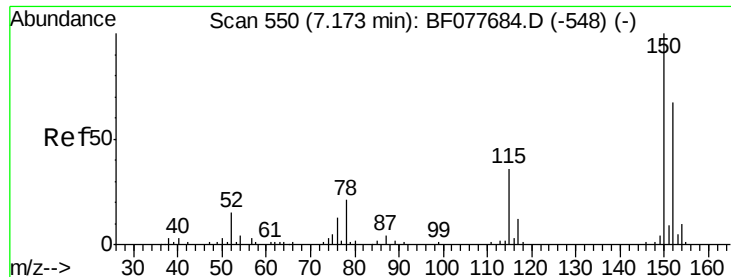
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

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Quant Time: Mar 12 13:17:58 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

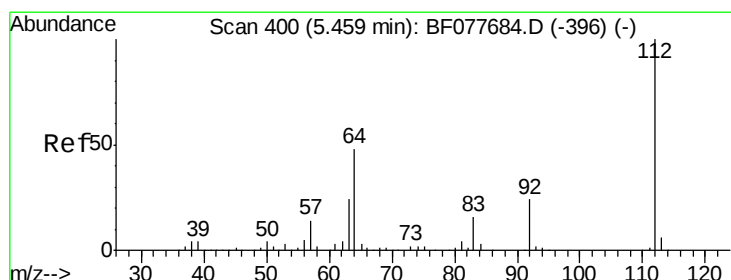
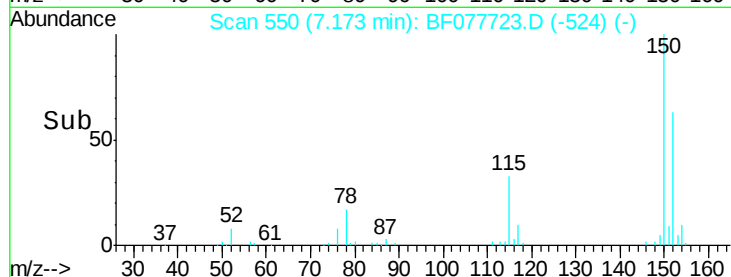
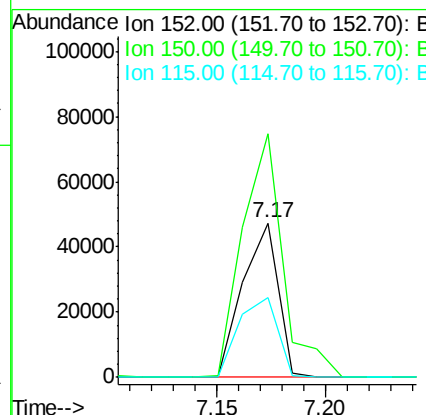
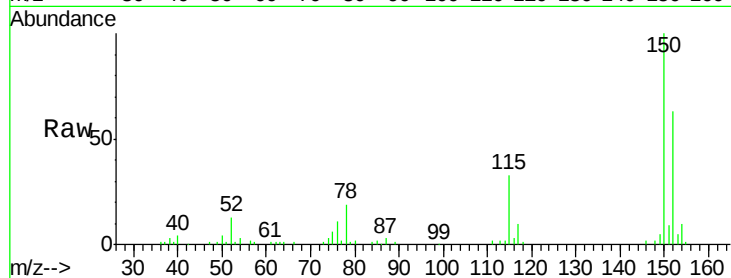
ClientSampleId :

PT-BN-WPDL

Tot Ion:	152	Resp:	53472
Ion Ratio	Lower	Upper	
152	100		
150	157.8	119.5	179.3
115	51.6	43.0	64.4

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#5

2-Fluorophenol

Concen: 27.00 ng

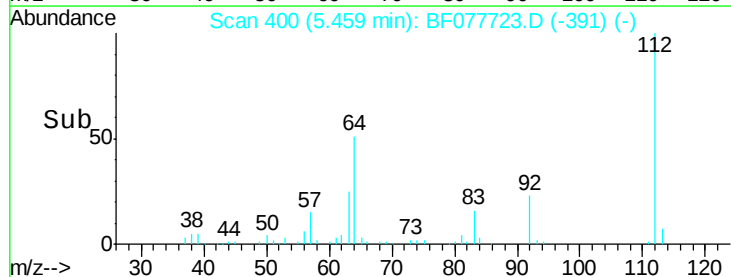
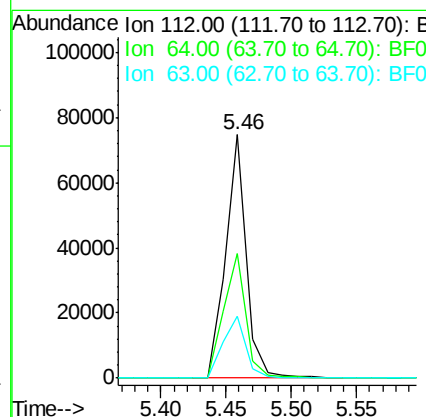
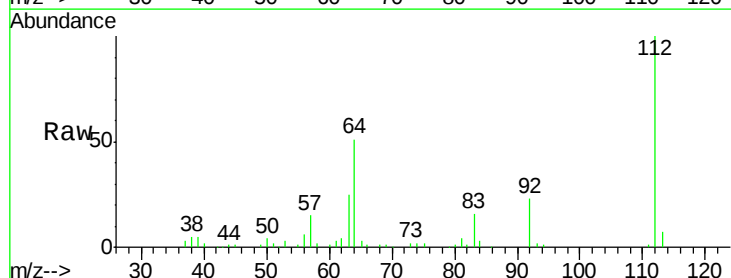
RT: 5.46 min Scan# 400

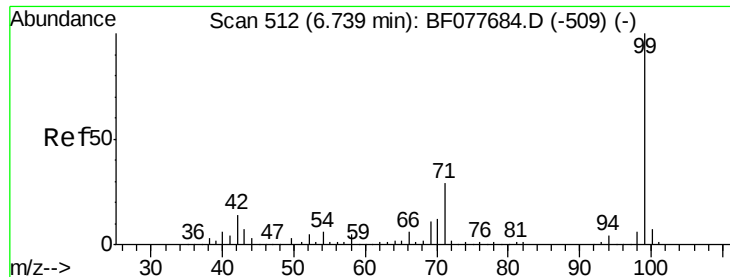
Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Tgt Ion:	112	Resp:	82701
Ion Ratio	Lower	Upper	
112	100		
64	51.1	38.6	57.8
63	25.3	19.3	28.9





#7

Phenol-d6

Concen: 29.08 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

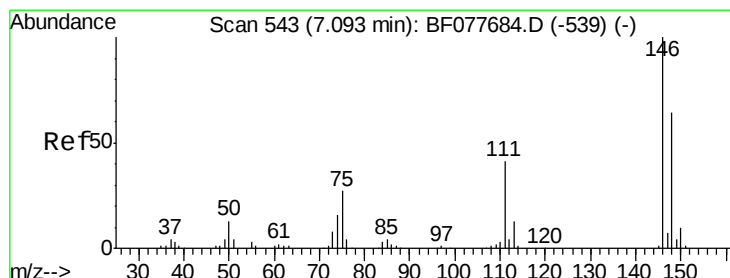
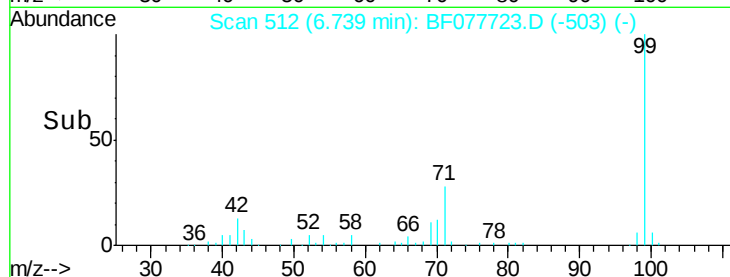
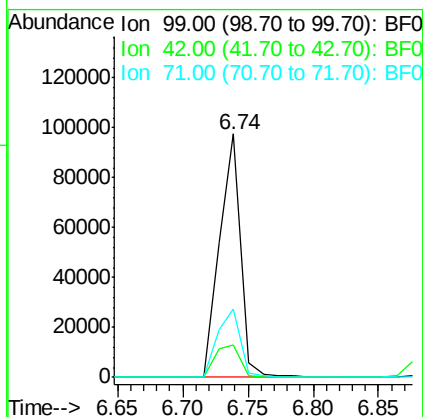
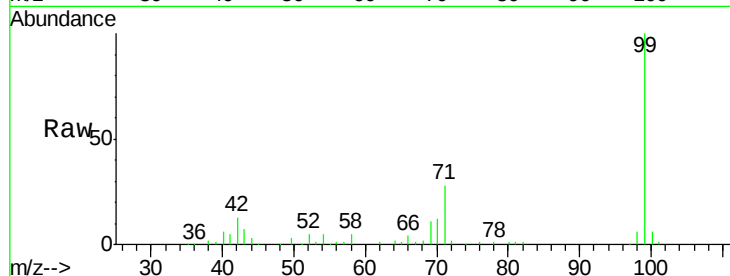
ClientSampleId :

PT-BN-WPDL

Tot Ion:	99	Resp:	110057
Ion Ratio	Lower	Upper	
99	100		
42	13.2	11.0	16.4
71	28.0	23.4	35.2

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#12

1,3-Dichlorobenzene

Concen: 14.41 ng

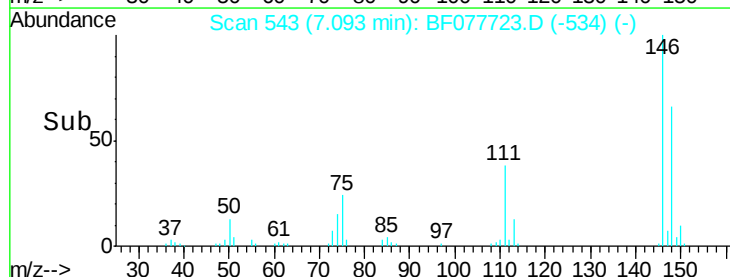
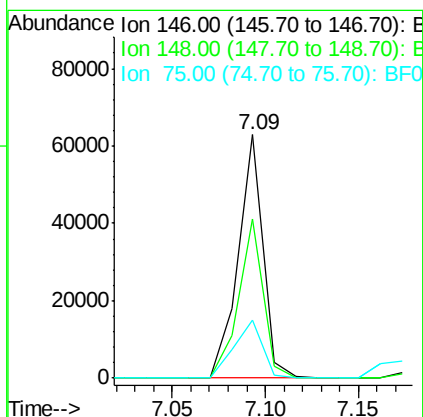
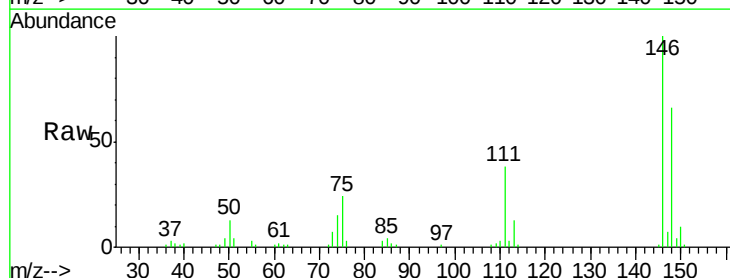
RT: 7.09 min Scan# 543

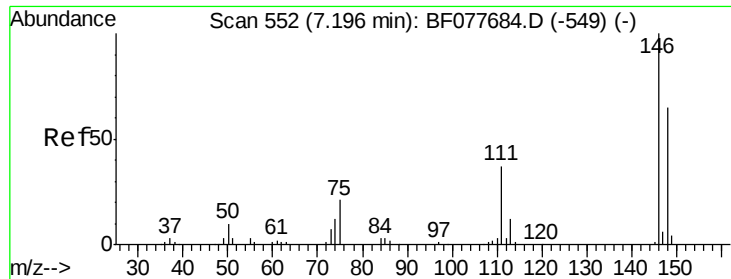
Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Tgt Ion:	146	Resp:	58445
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.9	76.3
75	23.6	21.4	32.2





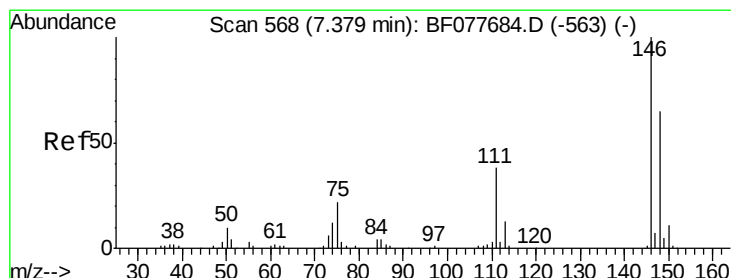
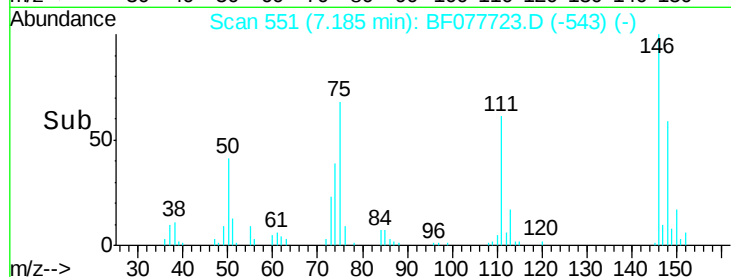
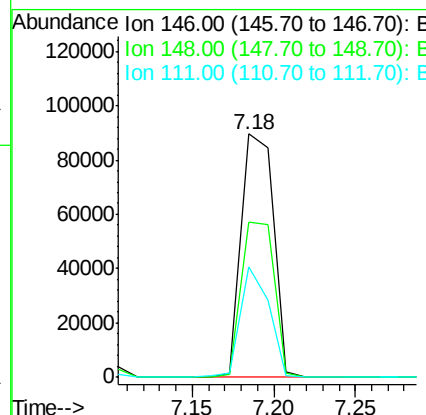
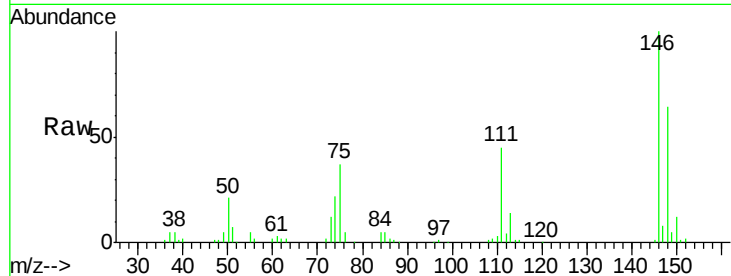
#13
 1,4-Dichlorobenzene
 Concen: 29.00 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleID :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	45.2	29.2	43.8#

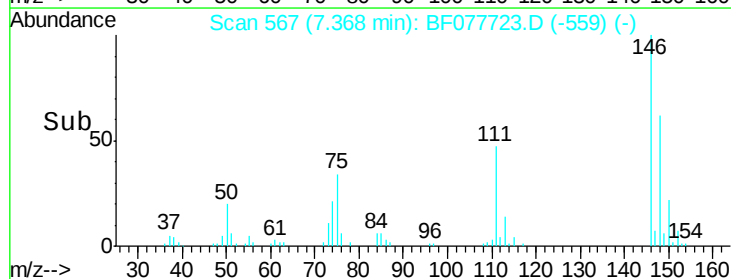
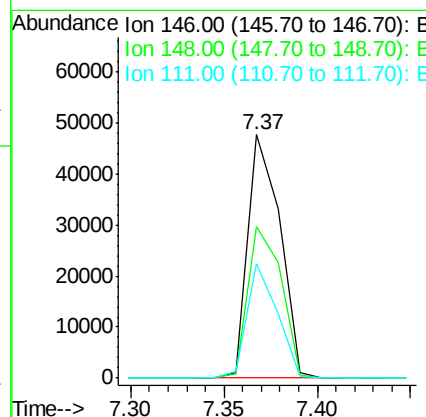
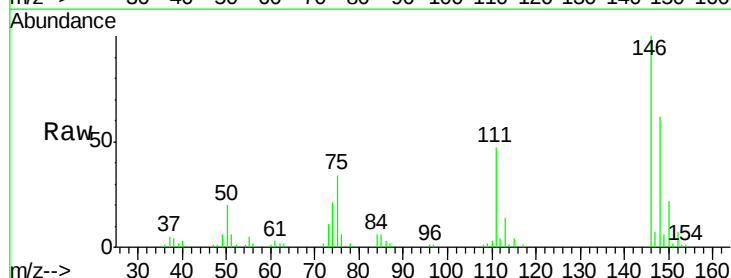
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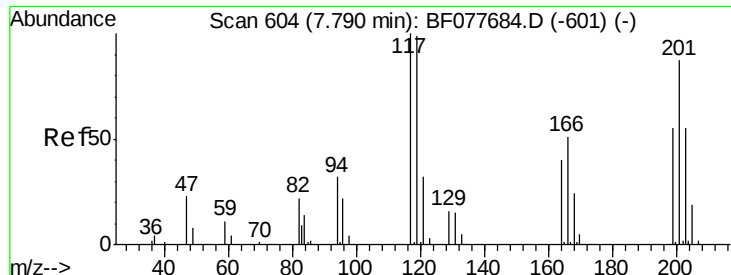
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#14
 1,2-Dichlorobenzene
 Concen: 14.73 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.3	78.5
111	46.9	30.6	45.8#





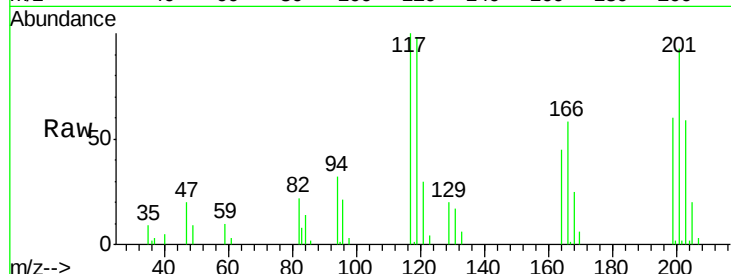
#18
Hexachloroethane
Concen: 17.29 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

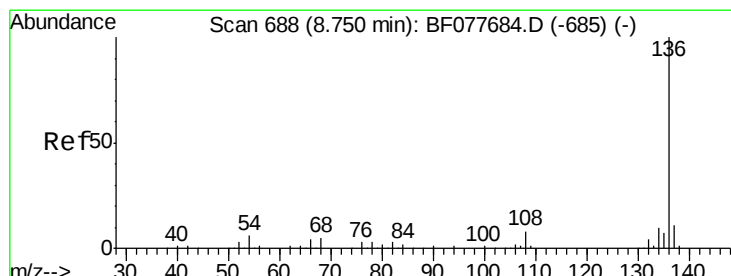
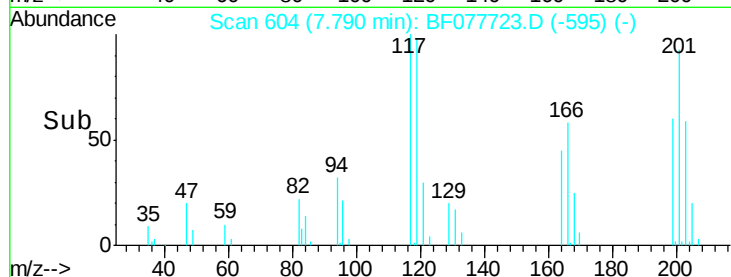
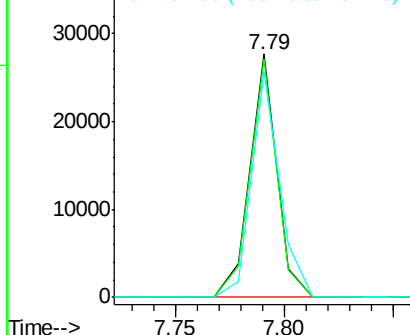
Tot Ion	Ratio	Resp	Lower	Upper
117	100	23890		
119	98.1	79.2	118.8	
201	92.7	69.8	104.6	

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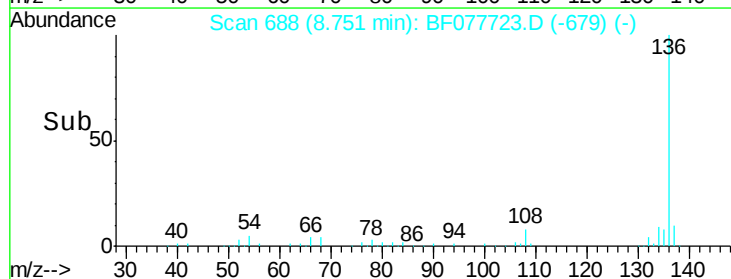
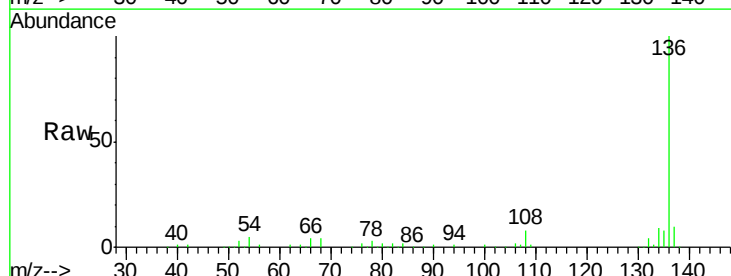
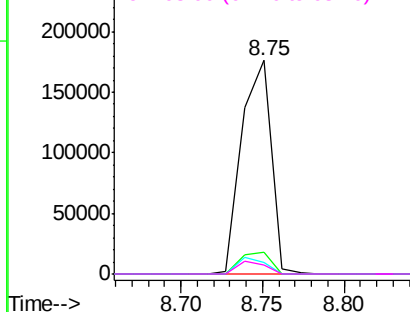
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Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

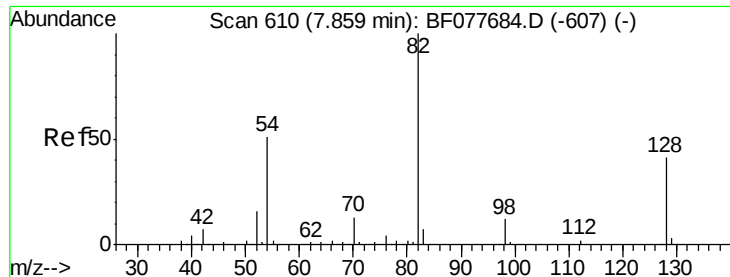


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	219363		
137	10.4	8.7	13.1	
54	5.4	4.6	6.8	
68	4.4	3.7	5.5	

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





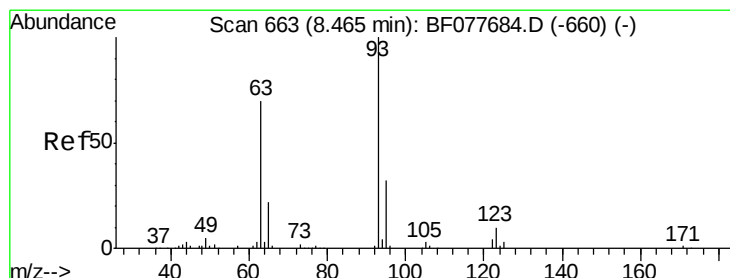
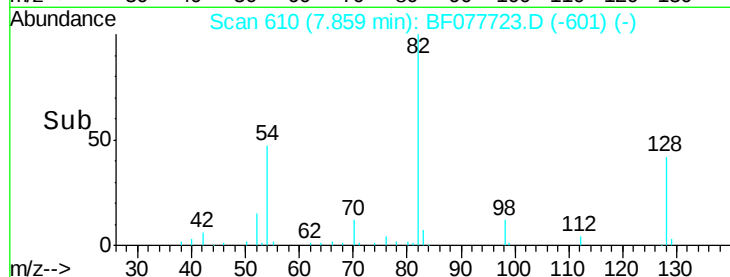
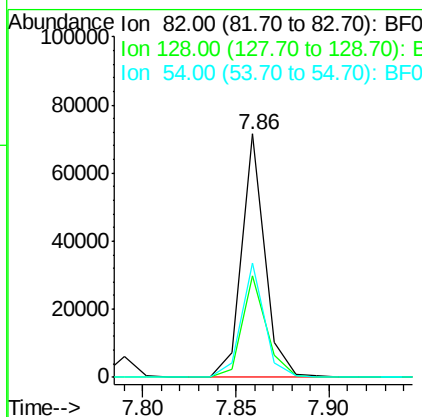
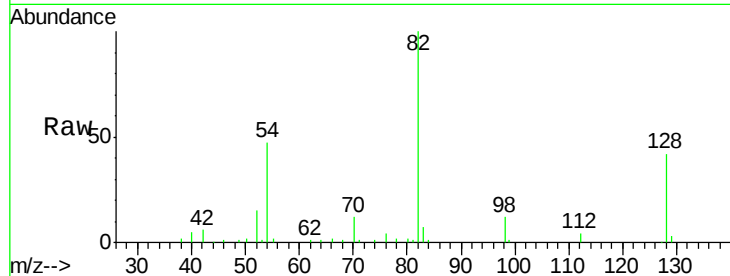
#23
 Nitrobenzene-d5
 Concen: 18.55 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleID :
 PT-BN-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
82	100	62068		
128	41.7		32.8	49.2
54	47.1		40.6	60.8

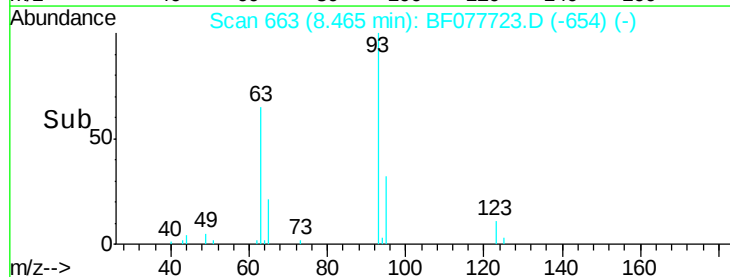
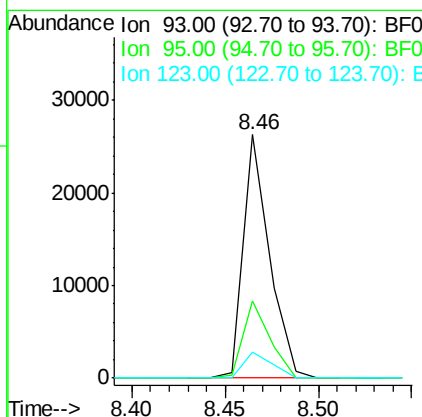
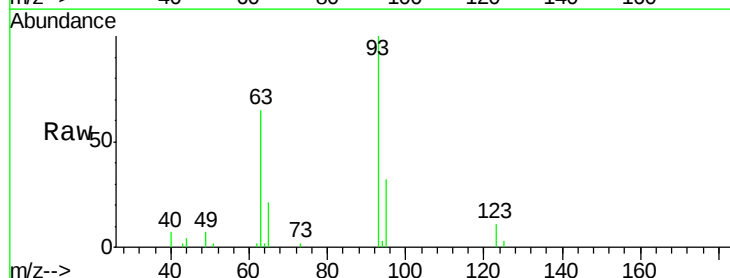
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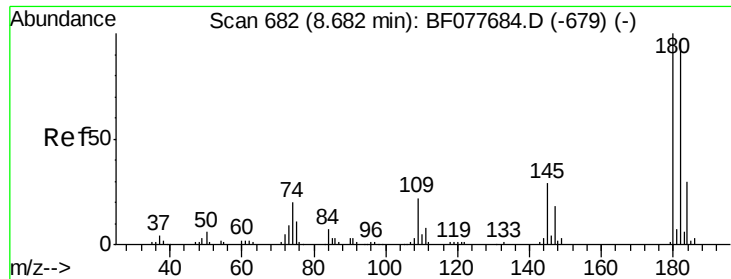
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#28
 bis(2-Chloroethoxy)methane
 Concen: 6.24 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	25602		
95	31.7		25.5	38.3
123	10.6		8.6	13.0





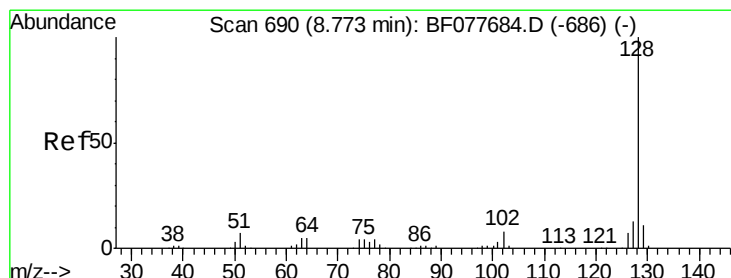
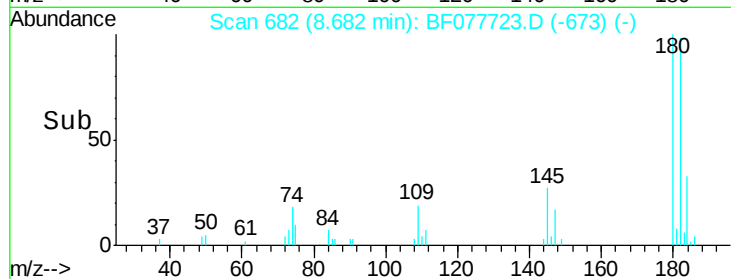
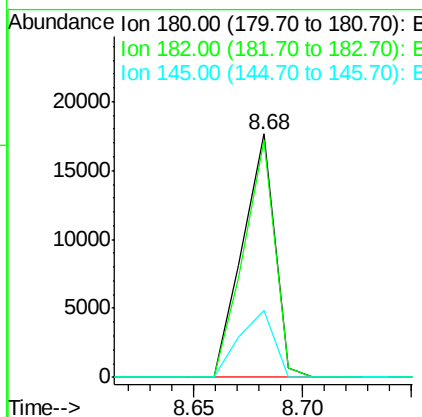
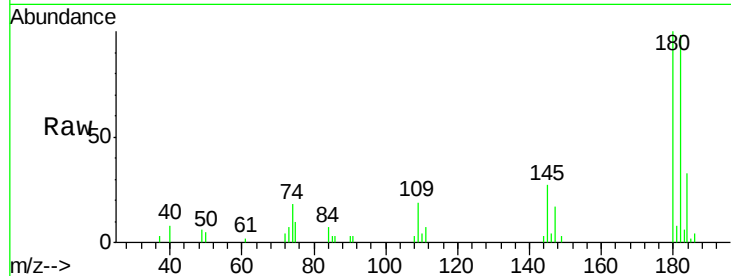
#30
 1,2,4-Trichlorobenzene
 Concen: 5.30 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion:	180	Resp:	18165
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.6	116.4
145	27.4	23.4	35.2

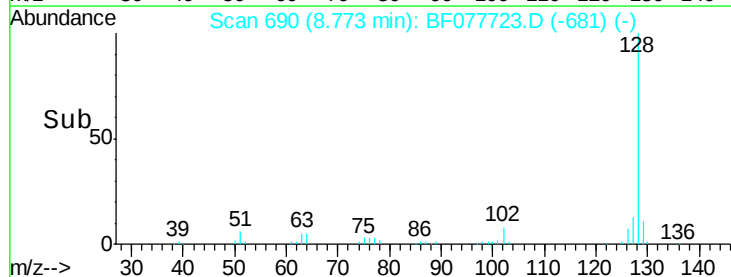
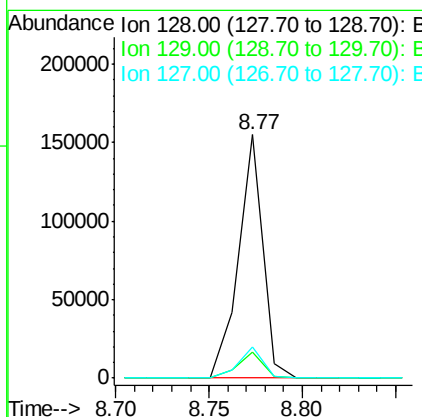
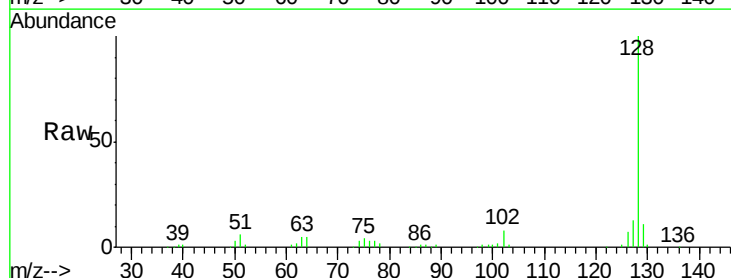
Manual Integrations
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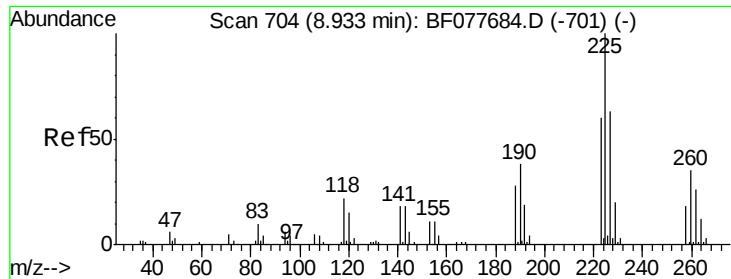
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#31
 Naphthalene
 Concen: 12.61 ng
 RT: 8.77 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion:	128	Resp:	142073
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	12.6	10.4	15.6





#34

Hexachlorobutadiene

Concen: 26.37 ng

RT: 8.93 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

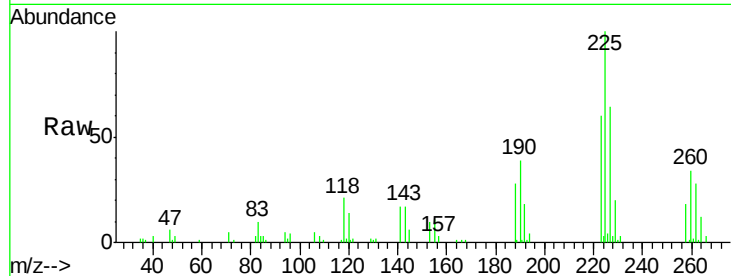
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PT-BN-WPDL

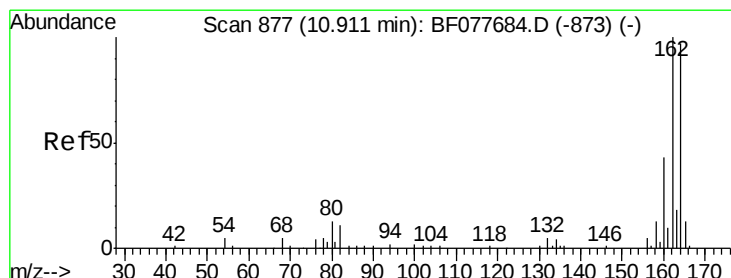
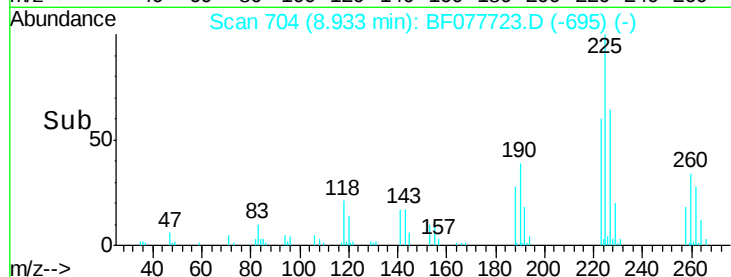
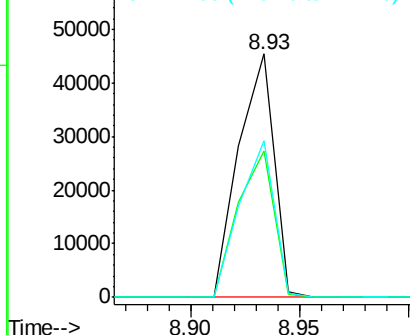
Tot Ion:	225	Resp:	51261
Ion Ratio	Lower	Upper	
225	100		
223	60.1	47.9	71.9
227	64.4	50.1	75.1

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

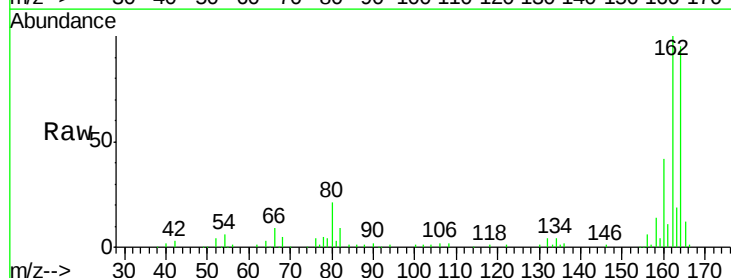
RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

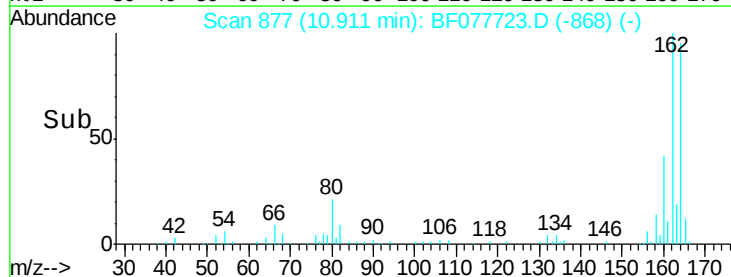
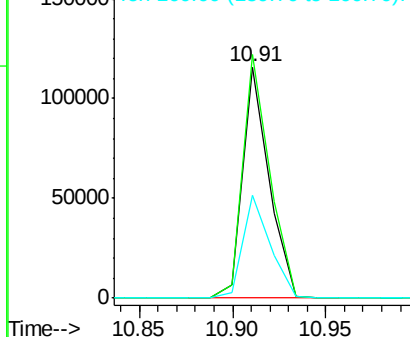
Lab File: BF077723.D

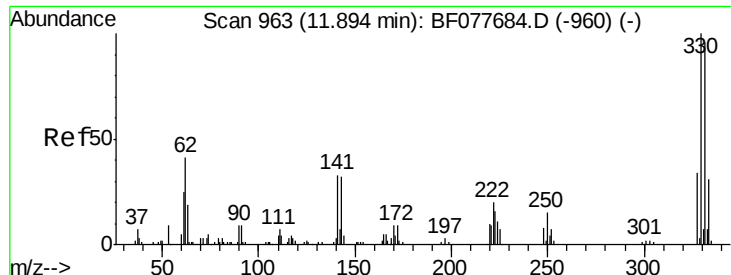
Acq: 12 Mar 2015 9:50

Tgt Ion:	164	Resp:	113535
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.4	123.6
160	44.7	35.8	53.6



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





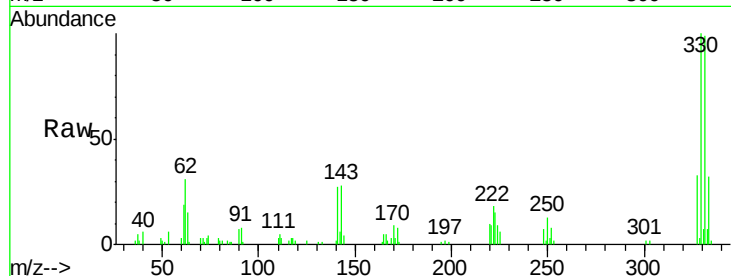
#41
 2,4,6-Tribromophenol
 Concen: 24.37 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

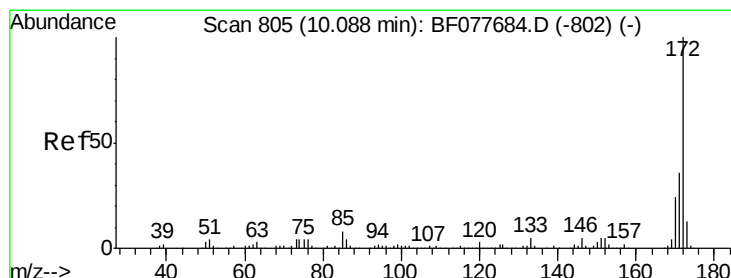
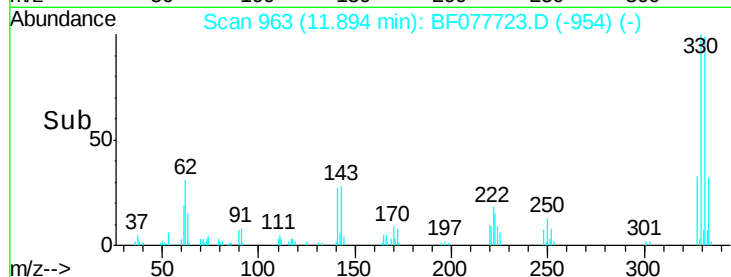
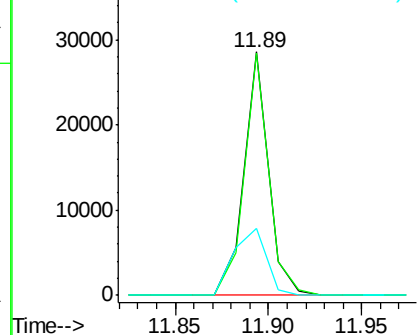
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	36.7	0.0	0.0#

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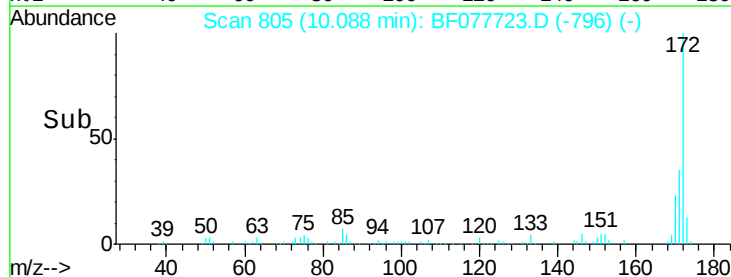
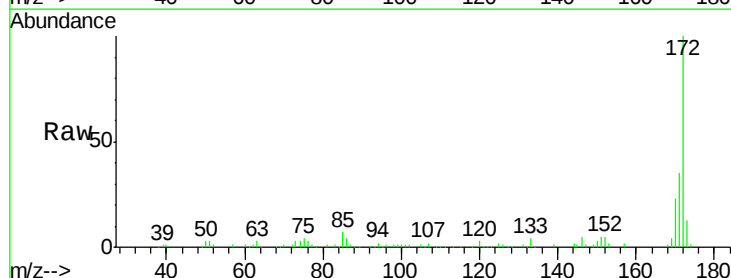
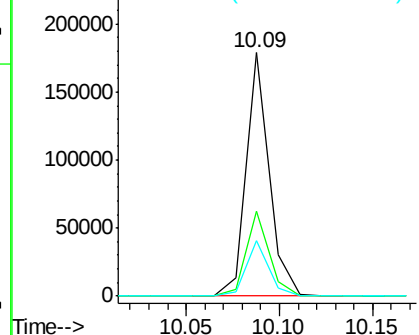
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

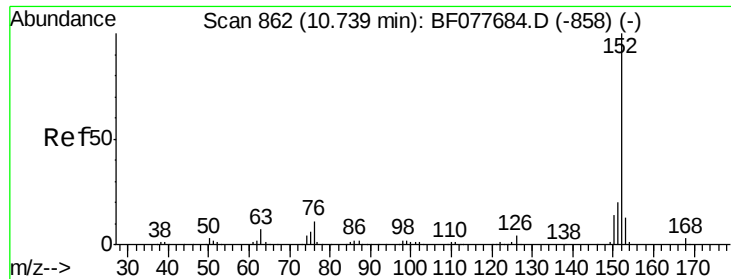


#44
 2-Fluorobiphenyl
 Concen: 19.89 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.6	18.8	28.2

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





#48

Acenaphthylene

Concen: 19.30 ng

RT: 10.74 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

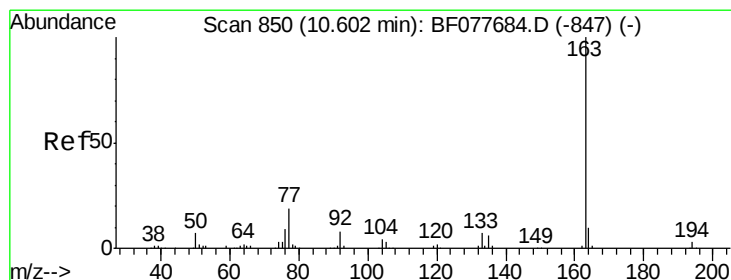
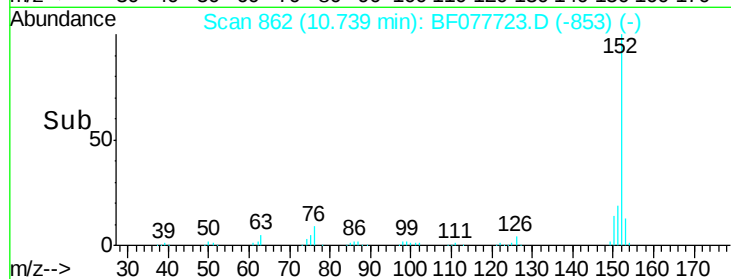
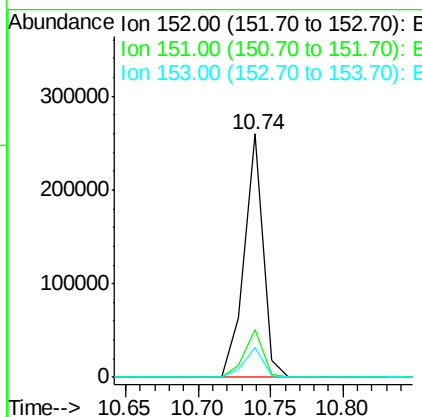
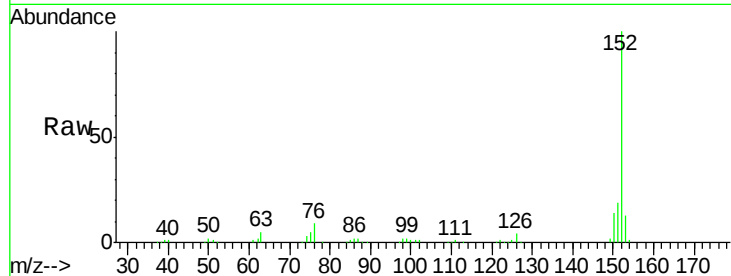
ClientSampleId :

PT-BN-WPDL

Tot Ion:	152	Resp:	236680
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	12.5	10.6	16.0

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#49

Dimethylphthalate

Concen: 23.35 ng

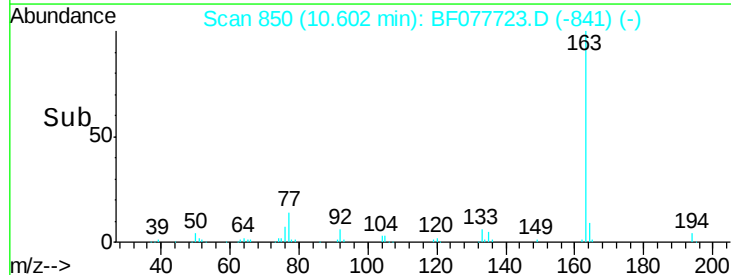
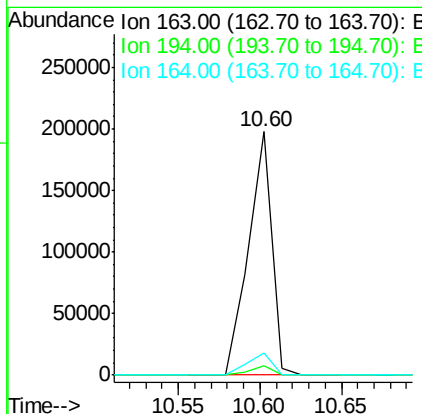
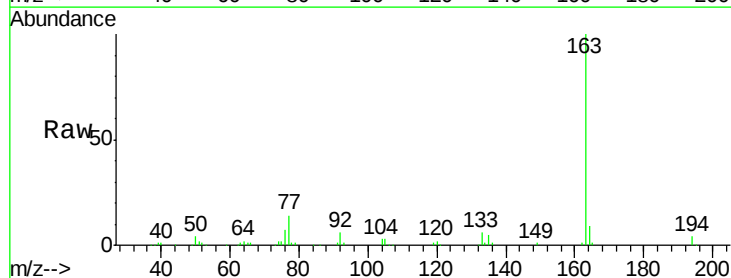
RT: 10.60 min Scan# 850

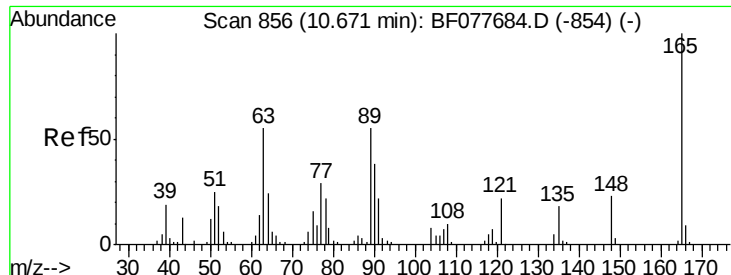
Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Tgt Ion:	163	Resp:	196608
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.3	8.2	12.2





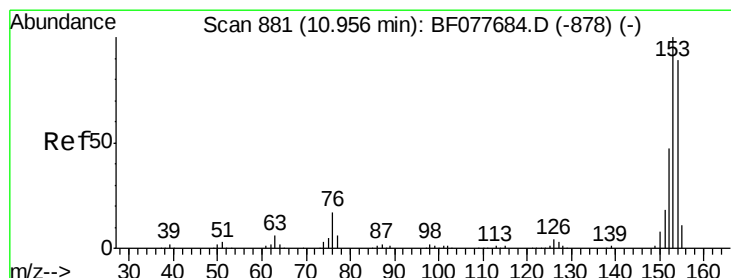
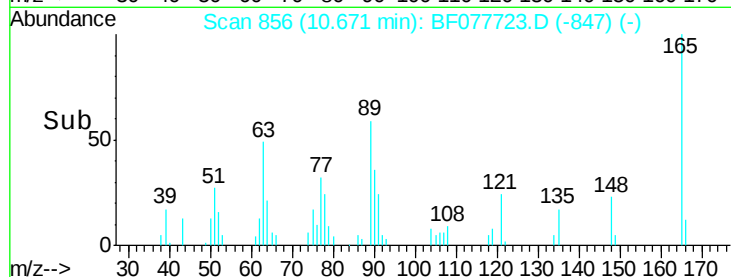
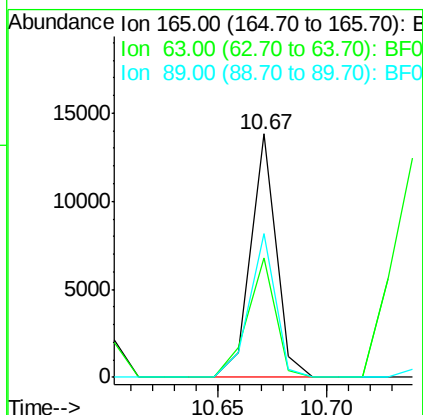
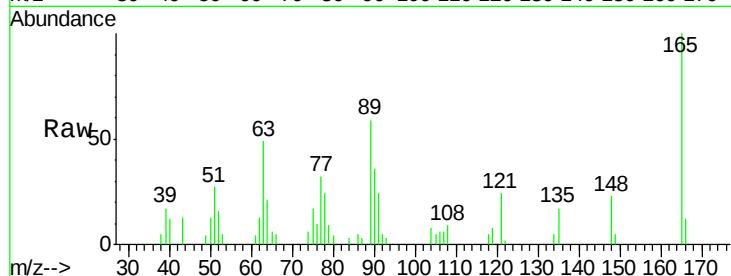
#50
 2,6-Dinitrotoluene
 Concen: 6.46 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.3	44.1	66.1
89	59.2	44.3	66.5

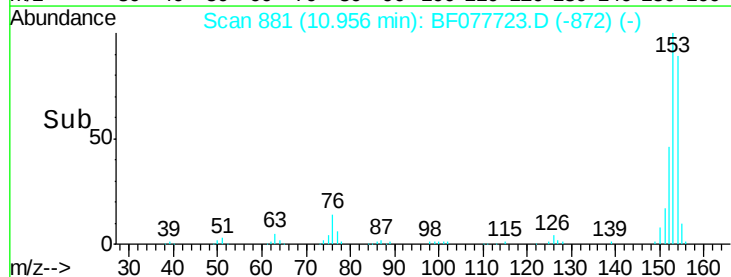
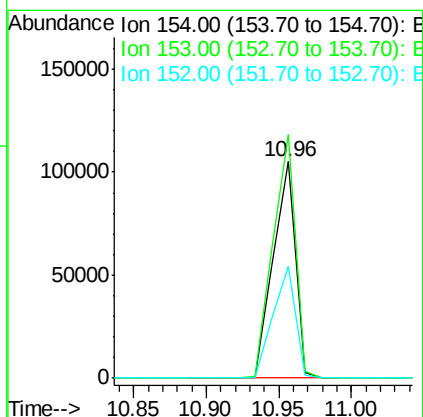
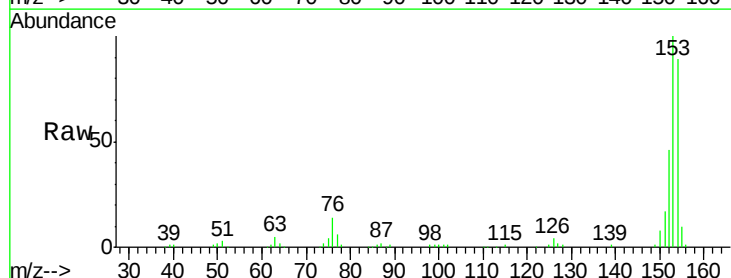
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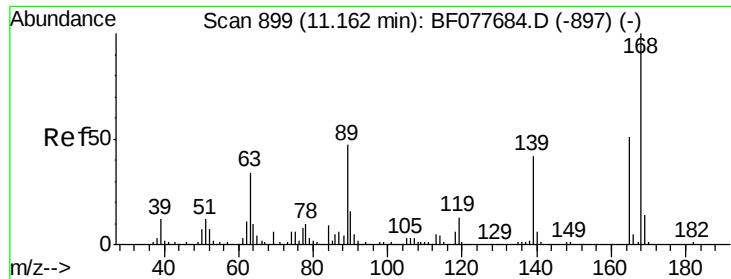
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#51
 Acenaphthene
 Concen: 15.90 ng
 RT: 10.96 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	90.0	135.0
152	51.7	42.6	63.8





#56

2,4-Dinitrotoluene

Concen: 10.70 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077723.D

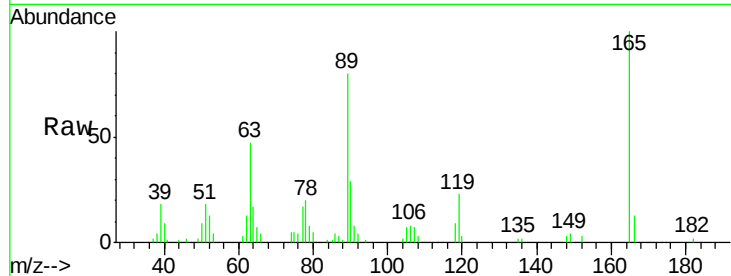
Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

ClientSampleId :

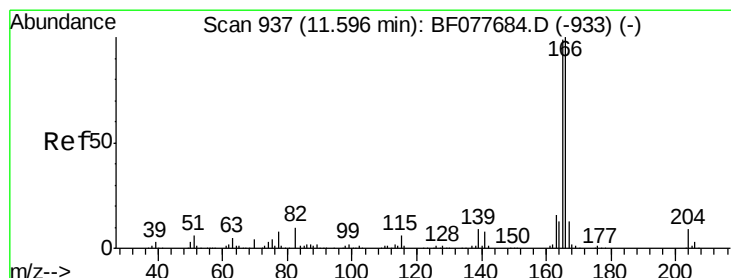
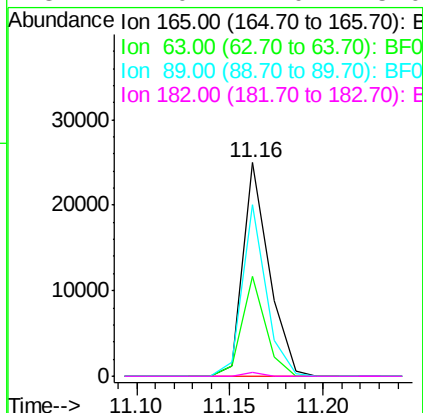
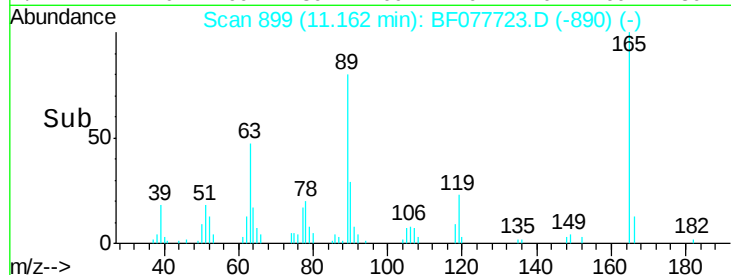
PT-BN-WPDL



Tot Ion:	165	Resp:	24349
Ion Ratio	Lower	Upper	
165	100		
63	47.0	52.4	78.6#
89	80.3	72.4	108.6
182	2.0	2.0	3.0

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#57

Fluorene

Concen: 16.30 ng

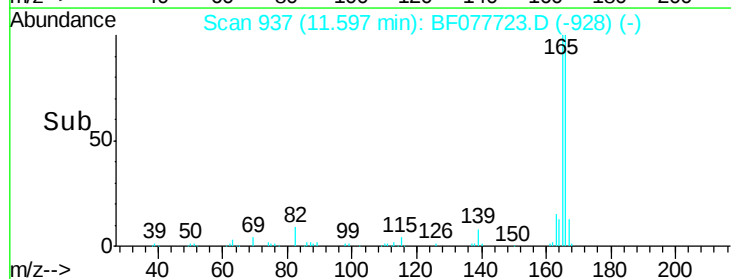
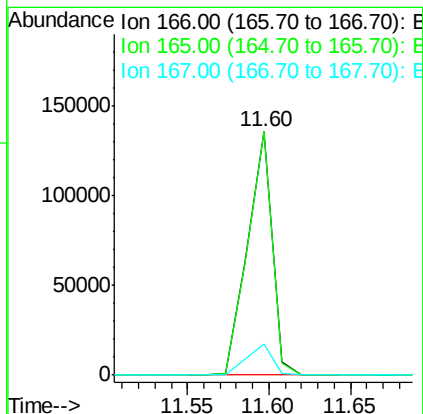
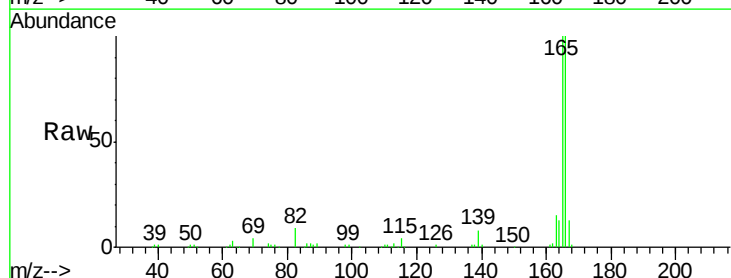
RT: 11.60 min Scan# 937

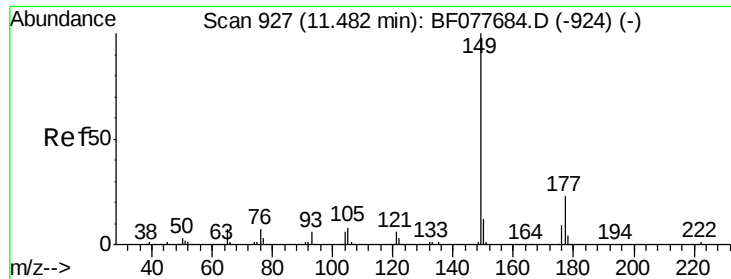
Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Tgt Ion:	166	Resp:	141183
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.0	118.4
167	13.0	10.3	15.5





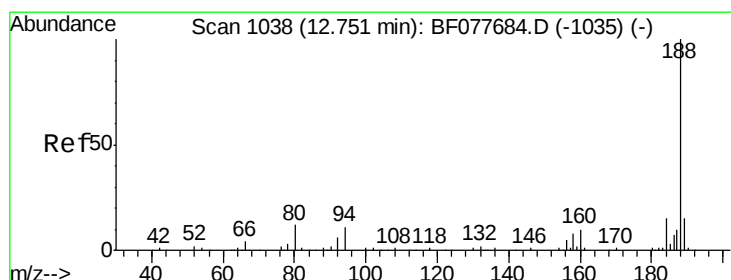
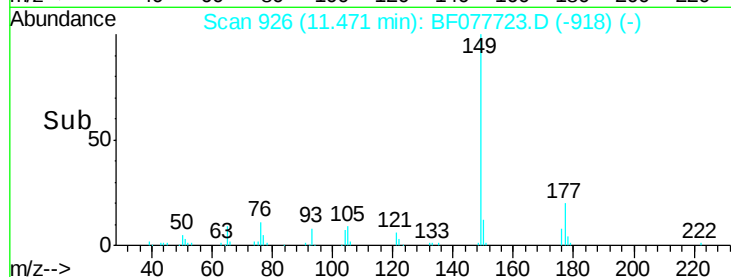
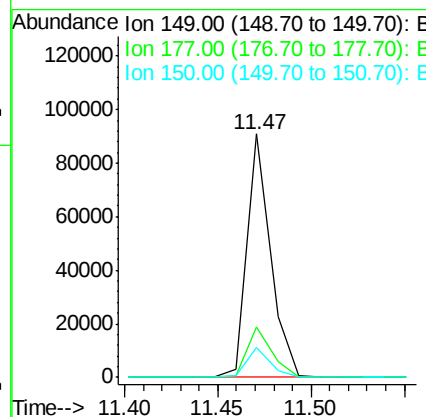
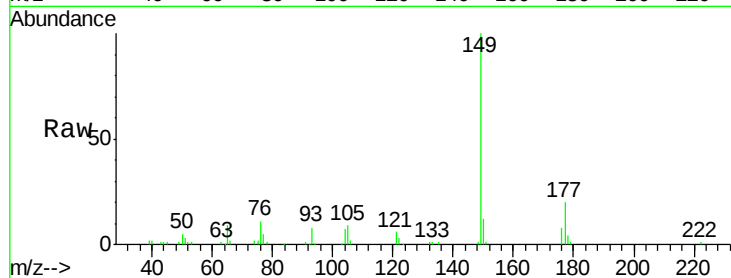
#59
Diethylphthalate
Concen: 9.82 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	18.3	27.5
150	12.1	9.8	14.8

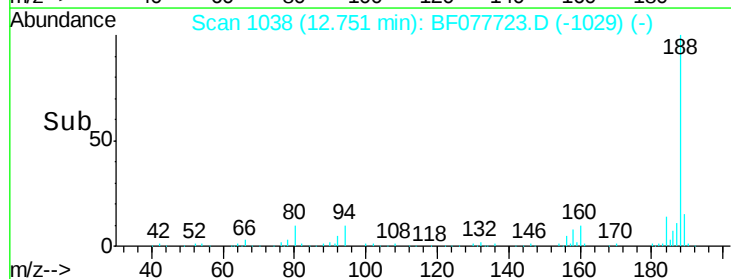
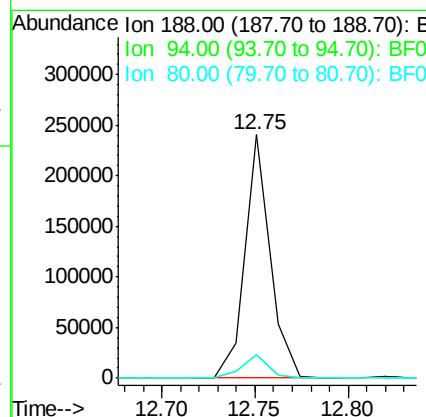
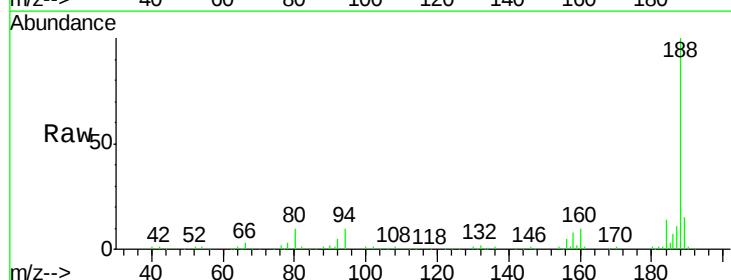
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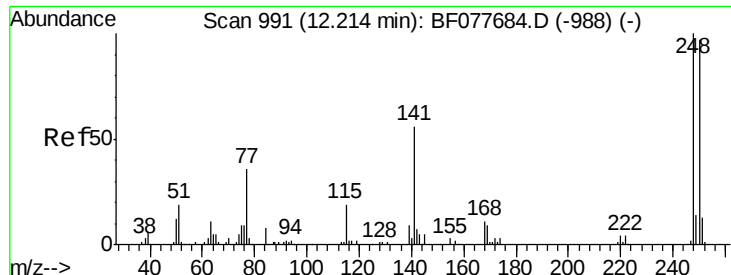
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	9.9	9.3	13.9





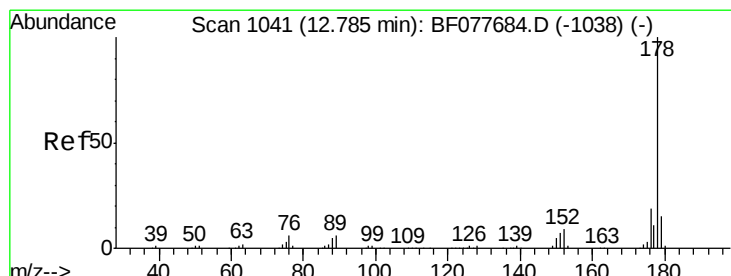
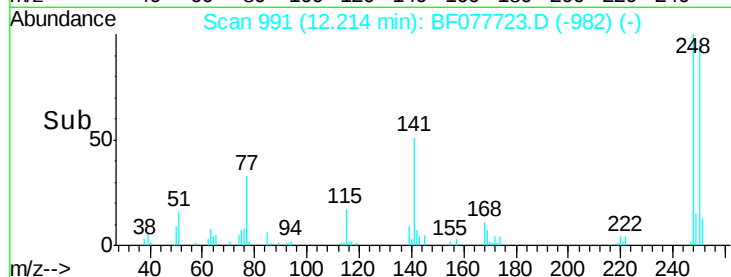
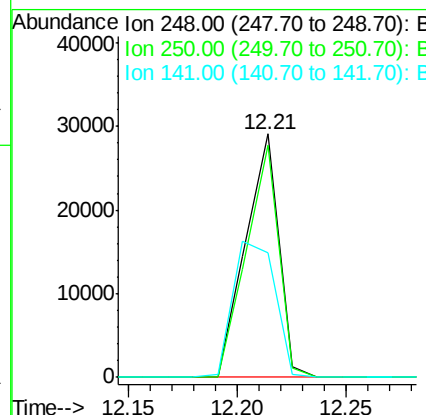
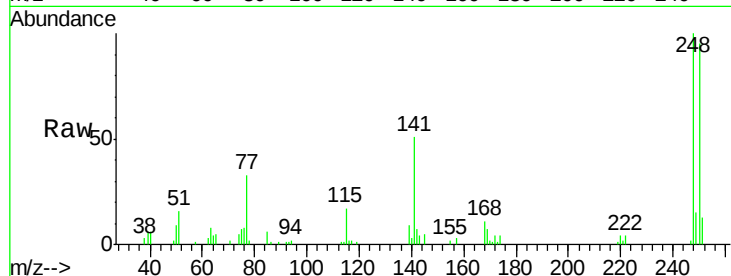
#66
 4-Bromophenyl-phenylether
 Concen: 12.76 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.0
141	50.9	45.2	67.8

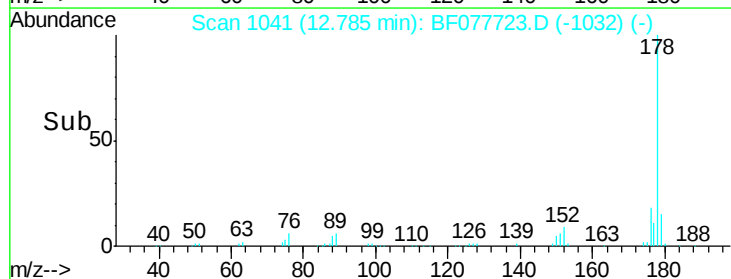
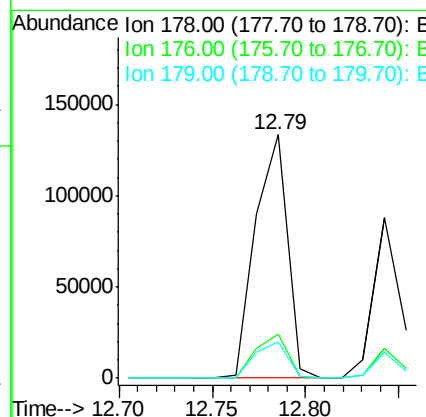
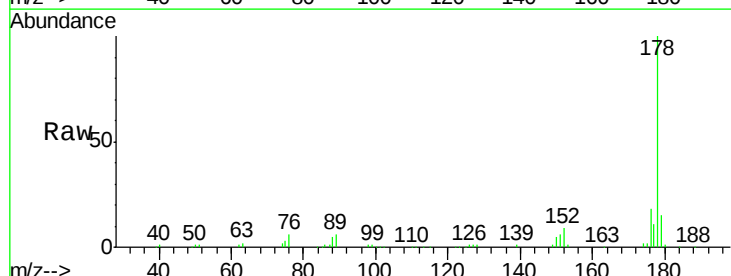
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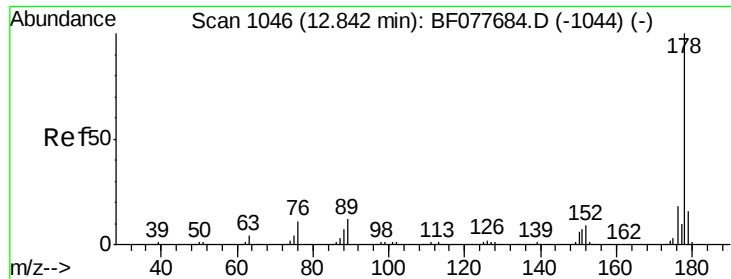
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#70
 Phenanthrene
 Concen: 12.17 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.2	22.8
179	14.8	12.1	18.1





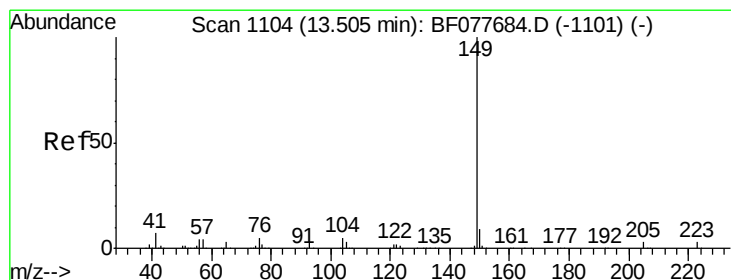
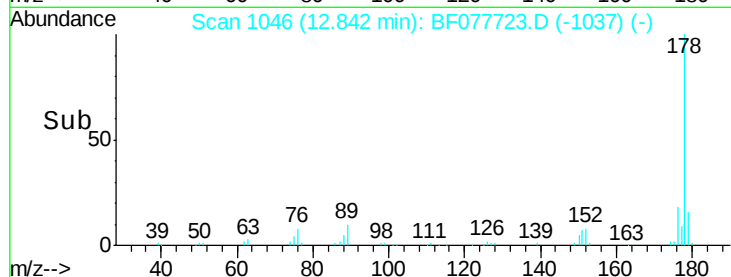
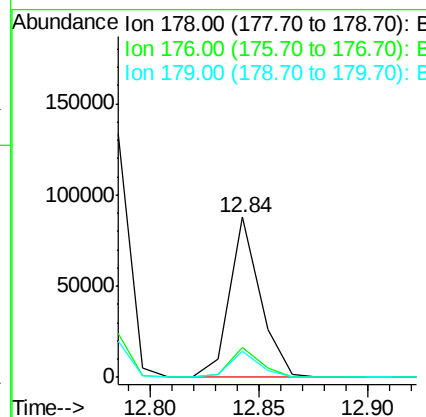
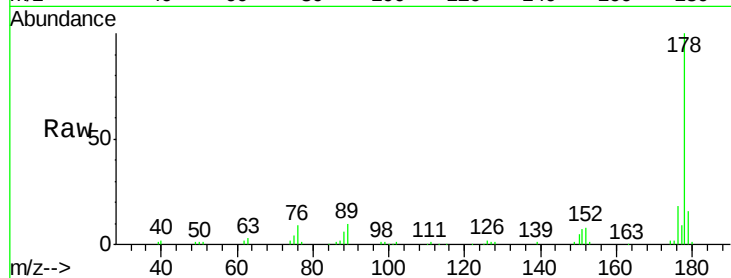
#71
 Anthracene
 Concen: 6.73 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	16.0	12.6	19.0

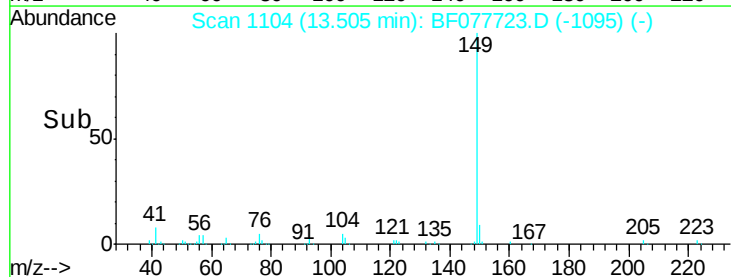
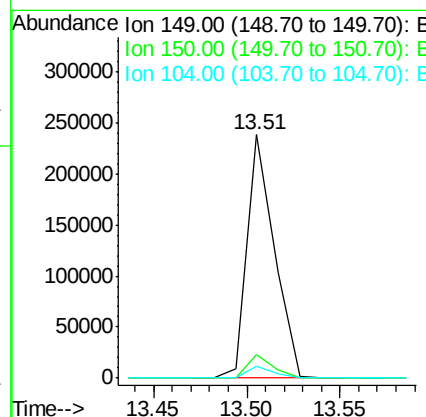
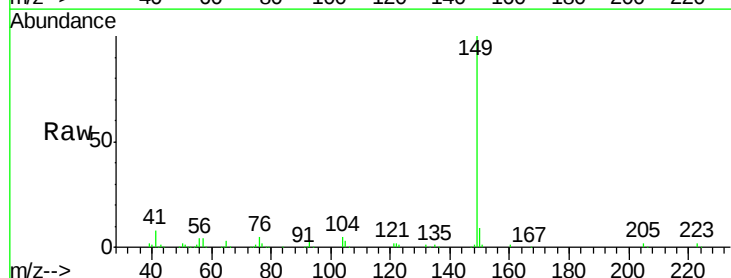
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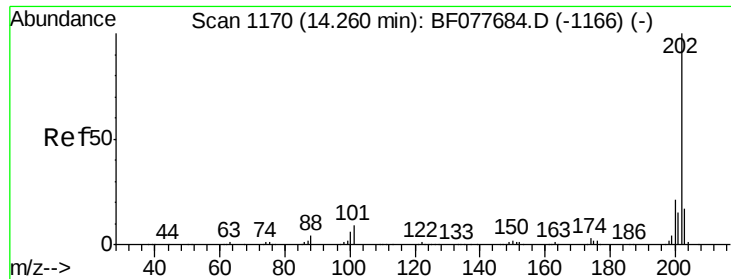
mohammad
 3/13/2015 9:40:55 AM



#73
 Di-n-butylphthalate
 Concen: 17.68 ng
 RT: 13.51 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	3.7	5.5





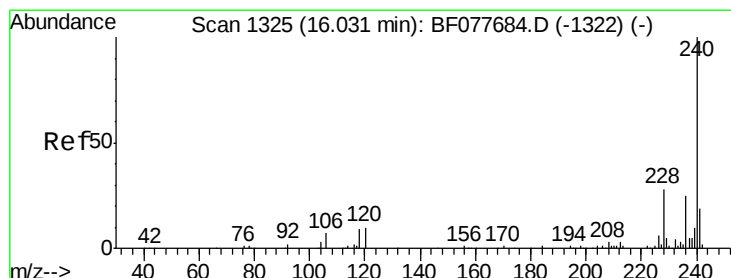
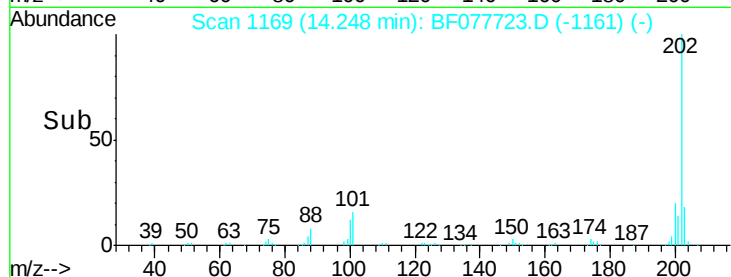
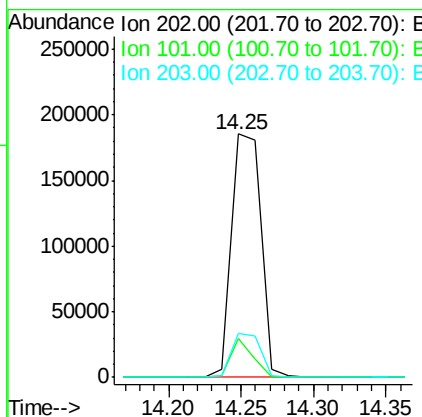
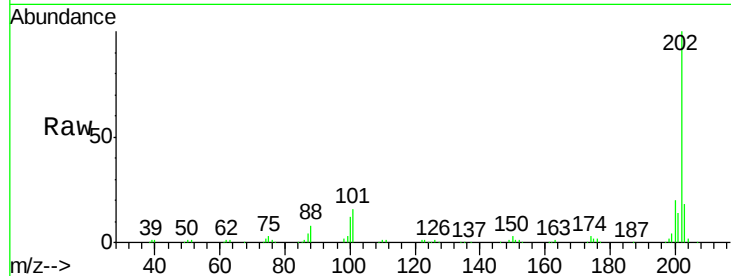
#74
 Fluoranthene
 Concen: 18.22 ng
 RT: 14.25 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.9	0.0	28.7
203	17.9	0.0	37.2

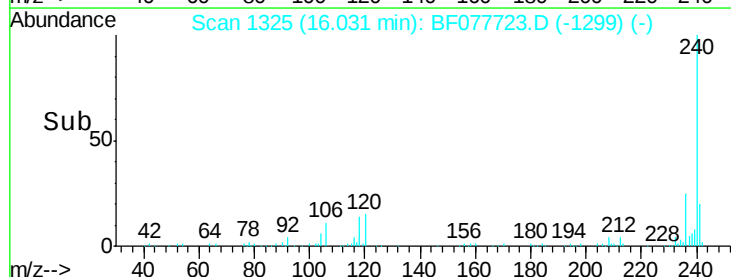
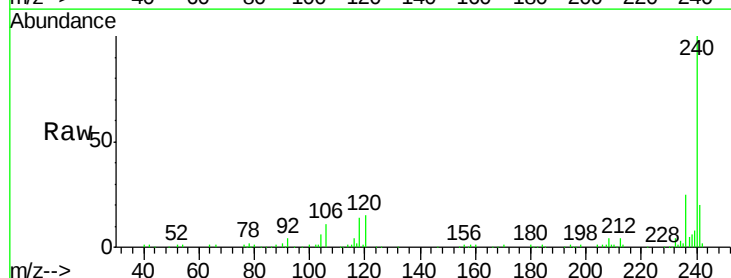
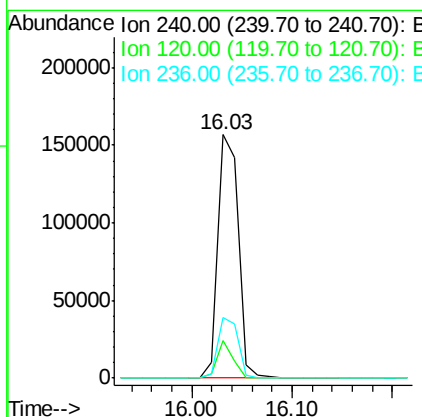
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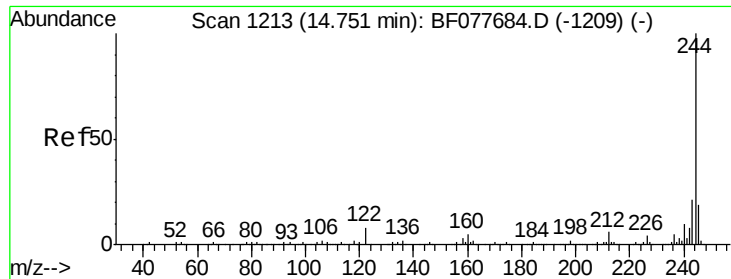
mohammad
 3/13/2015 9:40:55 AM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.5	8.2	12.2#
236	25.0	20.0	30.0





#78

Terphenyl-d14

Concen: 20.45 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Instrument :

BNA_F

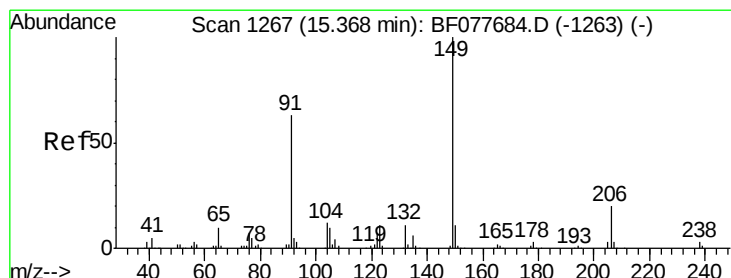
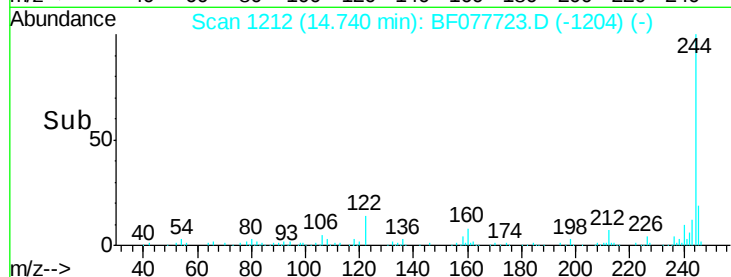
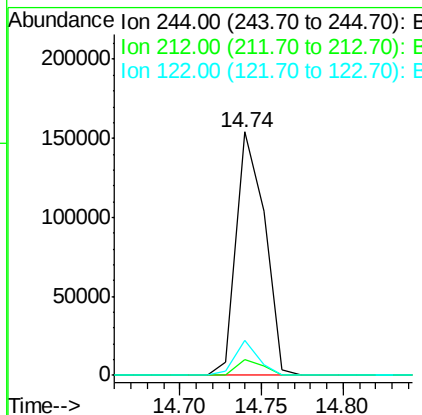
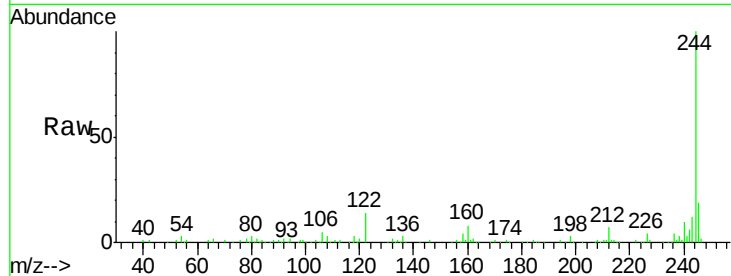
ClientSampleId :

PT-BN-WPDL

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	4.9	7.3
122	14.3	6.2	9.4

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#79

Butylbenzylphthalate

Concen: 11.84 ng

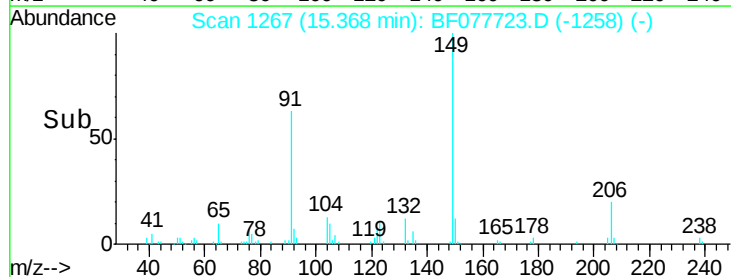
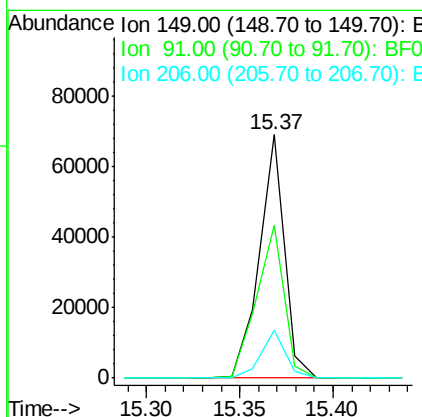
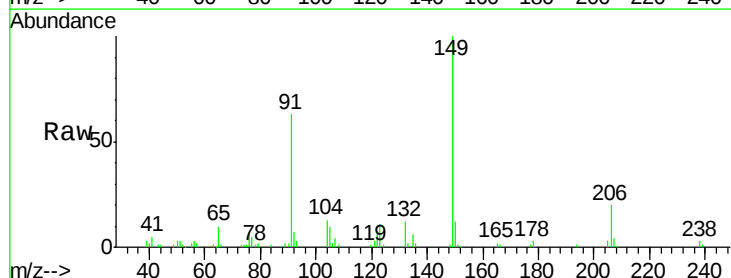
RT: 15.37 min Scan# 1267

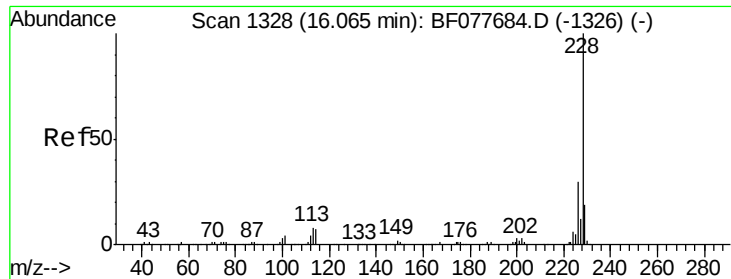
Delta R.T. 0.00 min

Lab File: BF077723.D

Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	62.9	50.1	75.1
206	19.8	16.2	24.2





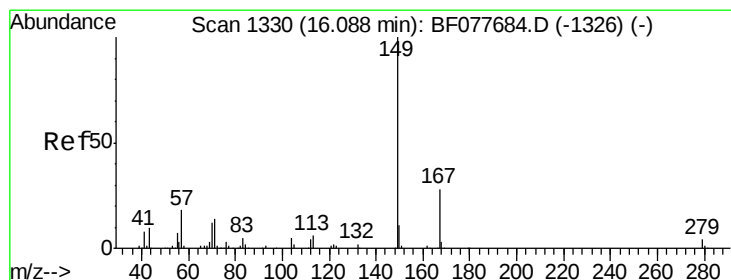
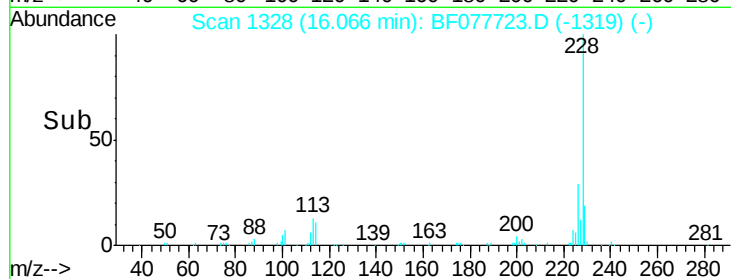
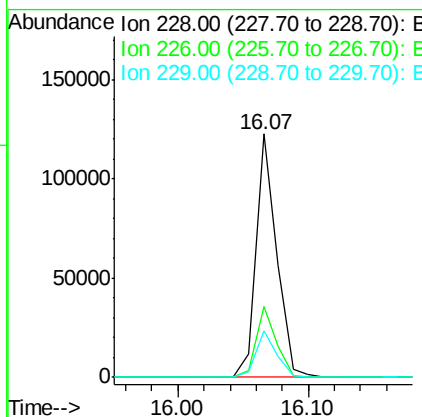
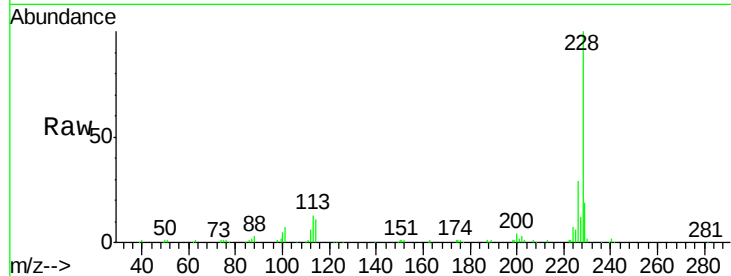
#82
 Chrysene
 Concen: 11.50 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	19.3	15.5	23.3

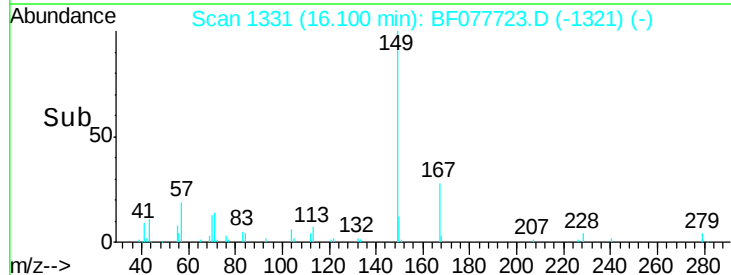
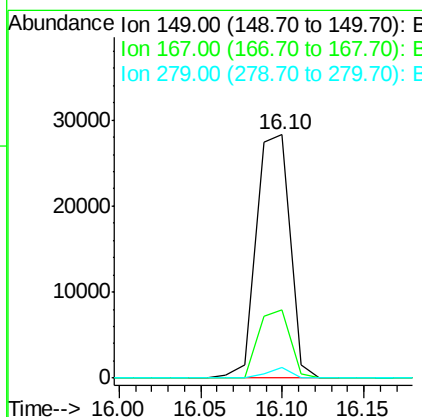
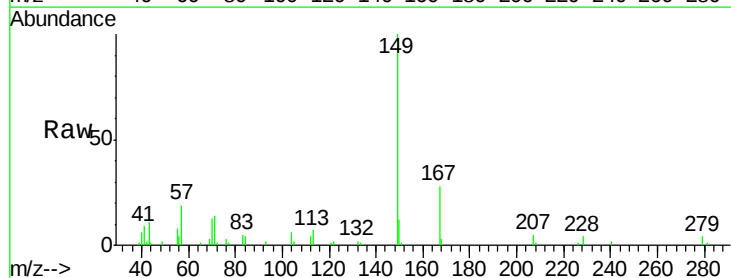
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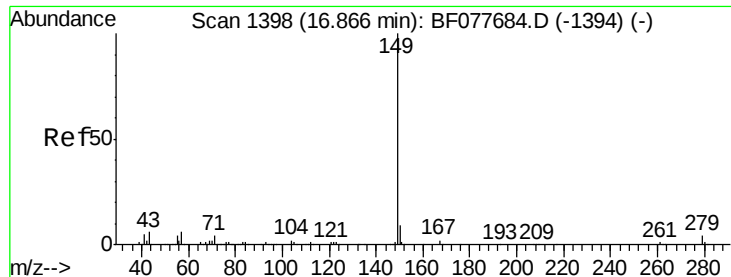
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.87 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	4.5	3.4	5.0





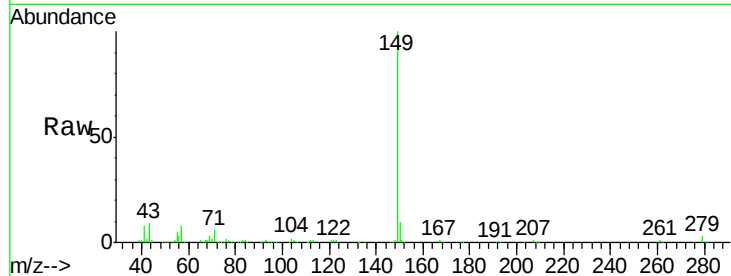
#84
Di-n-octyl phthalate
Concen: 30.85 ng
RT: 16.90 min Scan# 1401
Delta R.T. 0.03 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	438890		
167	1.5		1.2	1.8
43	9.0		7.3	10.9

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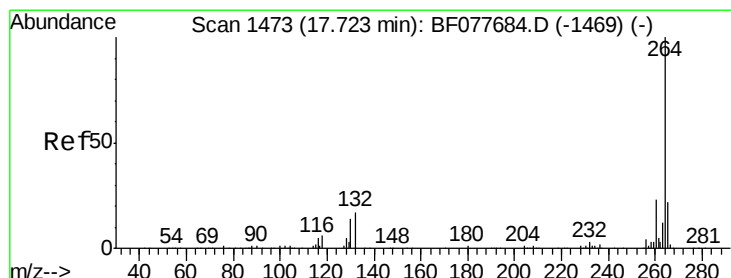
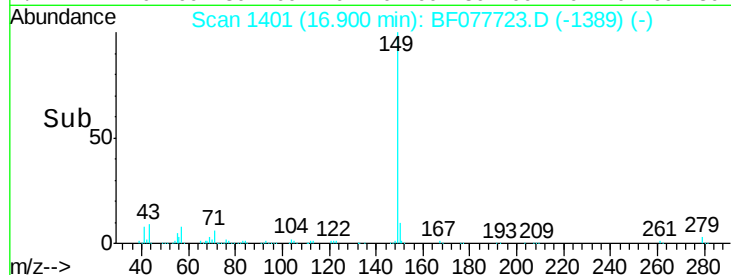
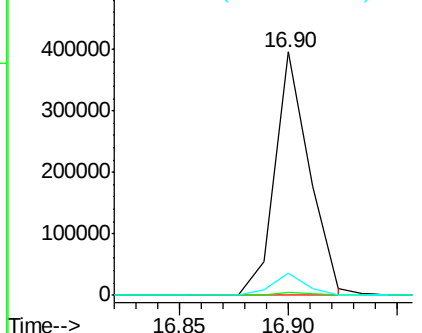


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.08 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

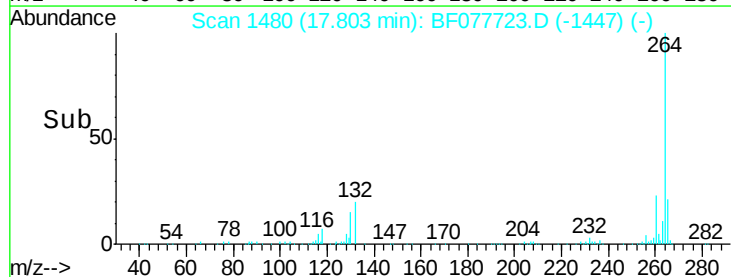
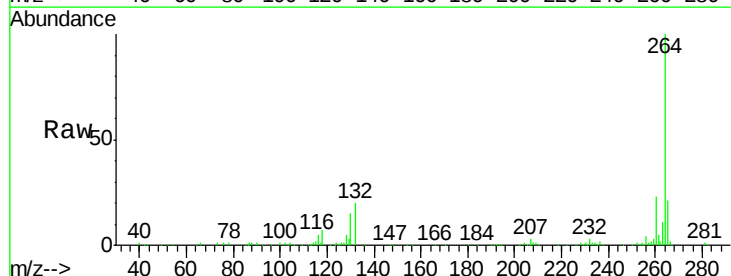
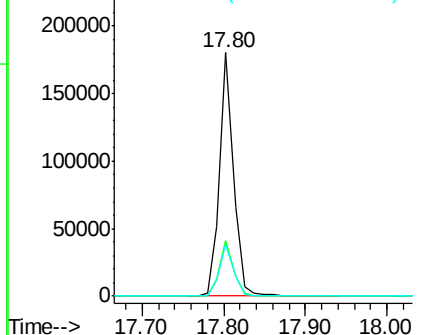
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	215326		
260	22.8		18.6	27.8
265	21.1		17.3	25.9

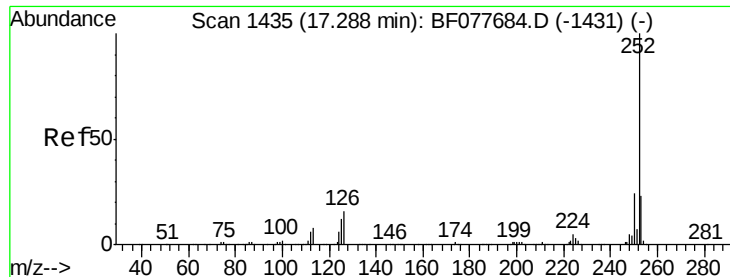
Abundance

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





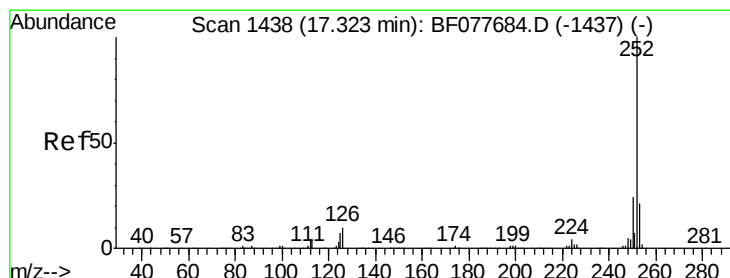
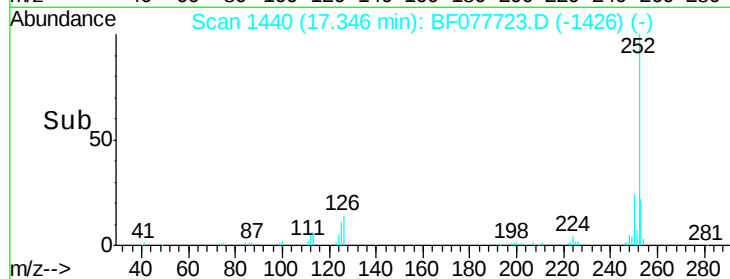
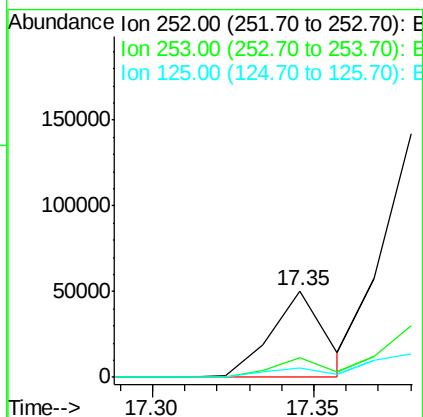
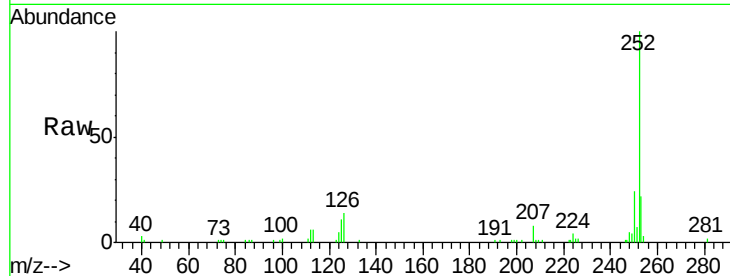
#87
Benzo(b)fluoranthene
Concen: 4.14 ng m
RT: 17.35 min Scan# 1440
Delta R.T. 0.06 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tot Ion:	252	Resp:	58252
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	10.7	9.9	14.9

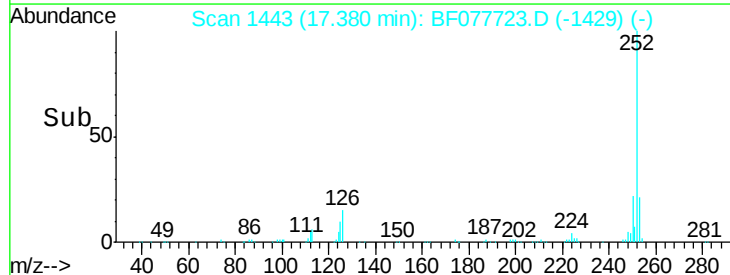
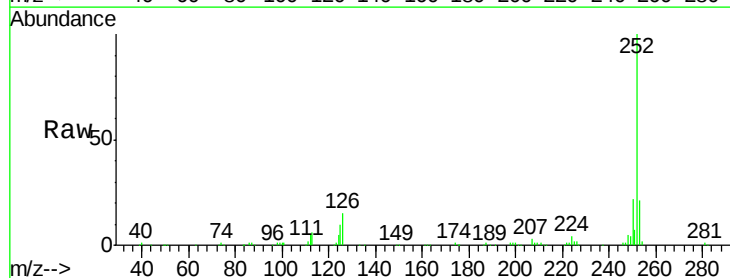
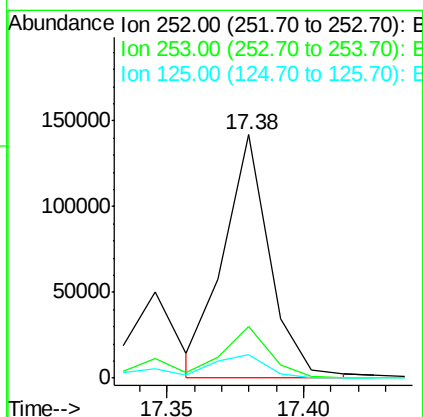
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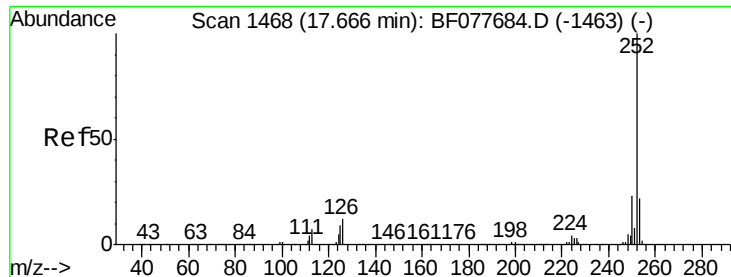
mohammad
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#88
Benzo(k)fluoranthene
Concen: 15.06 ng m
RT: 17.38 min Scan# 1443
Delta R.T. 0.06 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Tgt Ion:	252	Resp:	165362
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.2	25.8
125	9.9	8.1	12.1





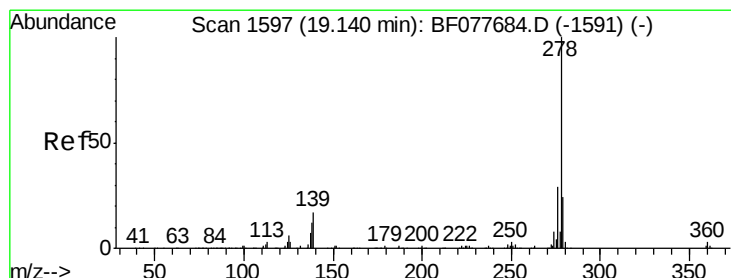
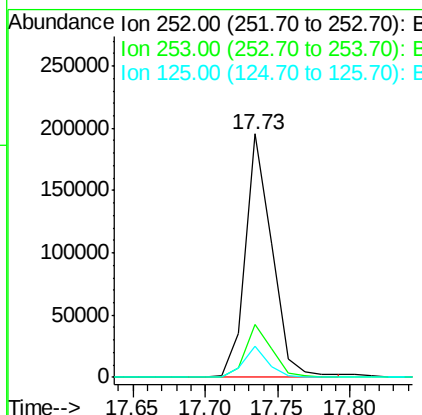
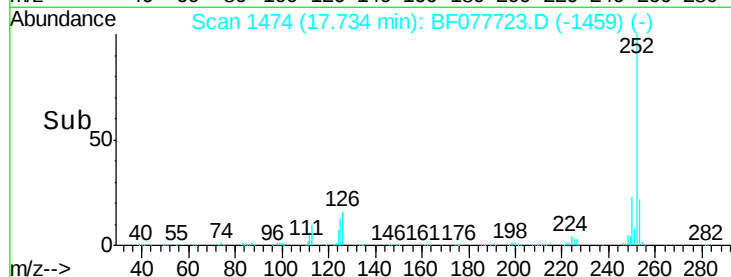
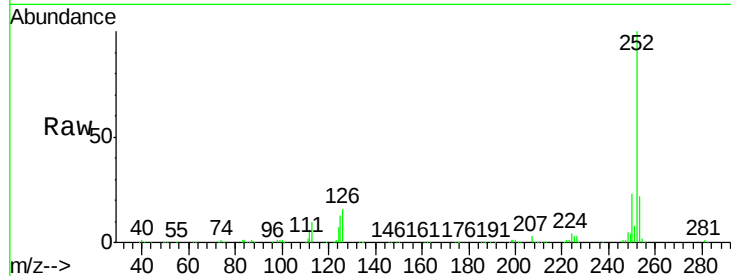
#89
Benzo(a)pyrene
Concen: 21.17 ng
RT: 17.73 min Scan# 1474
Delta R.T. 0.07 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.9	7.4	11.2

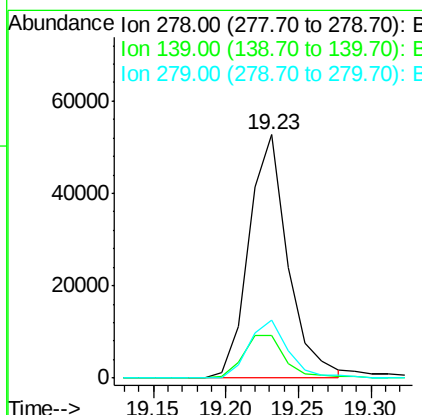
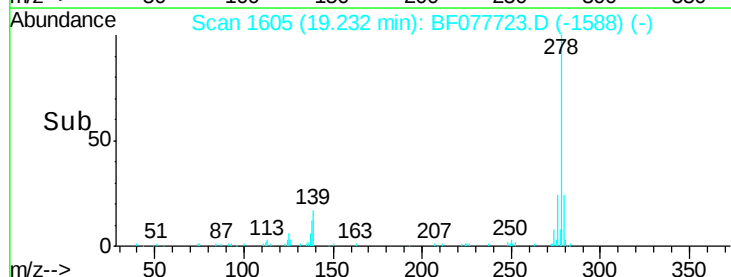
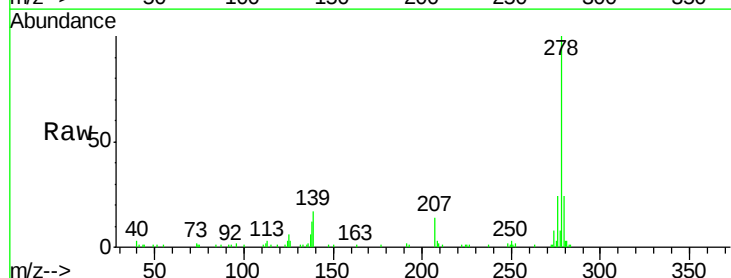
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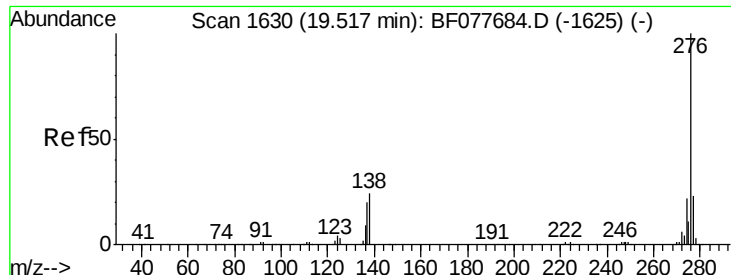
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 8.44 ng
RT: 19.23 min Scan# 1605
Delta R.T. 0.09 min
Lab File: BF077723.D
Acq: 12 Mar 2015 9:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.4	20.0
279	24.0	19.0	28.4





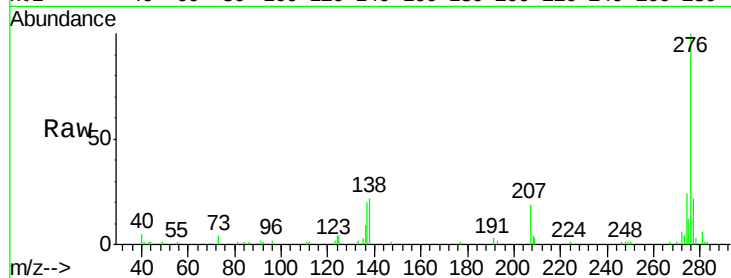
#91
 Benzo(a,h,i)perylene
 Concen: 6.31 ng
 RT: 19.61 min Scan# 1638
 Delta R.T. 0.09 min
 Lab File: BF077723.D
 Acq: 12 Mar 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.5	27.7
138	22.4	19.0	28.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

