

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079066.D
 Acq On : 9 May 2015 6:38
 Operator : TP/IZ
 Sample : PB83244BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB83244BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 3:44:46 PM

Quant Time: May 09 07:35:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 09 04:13:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	81291	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	337701	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	173408	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	327707	20.00	ng	0.00
75) Chrysene-d12	16.22	240	304991	20.00	ng	0.00
86) Perylene-d12	17.99	264	310735	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	540055	114.36	ng	0.00
7) Phenol-d6	6.88	99	709329	113.63	ng	0.00
23) Nitrobenzene-d5	8.01	82	399104	67.92	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	208513	111.15	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	806870	64.83	ng	0.00
78) Terphenyl-d14	14.91	244	903703	70.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	66068	32.18	ng	# 34
3) Pyridine	3.05	79	176113	29.31	ng	97
4) n-Nitrosodimethylamine	2.97	42	92276m	35.84	ng	
6) Aniline	6.91	93	196982	22.36	ng	98
8) 2-Chlorophenol	7.05	128	205647	38.39	ng	100
9) Benzaldehyde	6.76	77	115205	27.40	ng	93
10) Phenol	6.90	94	257613	35.58	ng	83
11) bis(2-Chloroethyl)ether	7.00	93	186658	35.16	ng	98
12) 1,3-Dichlorobenzene	7.24	146	212798	35.35	ng	# 94
13) 1,4-Dichlorobenzene	7.35	146	215326	34.75	ng	96
14) 1,2-Dichlorobenzene	7.53	146	205102	35.56	ng	97
15) Benzyl Alcohol	7.50	79	166246	35.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	292165	35.97	ng	98
17) 2-Methylphenol	7.64	107	174052	40.38	ng	96
18) Hexachloroethane	7.94	117	74067	34.71	ng	89
19) n-Nitroso-di-n-propylamine	7.83	70	146160	34.67	ng	96
20) 3+4-Methylphenols	7.84	107	224039	39.01	ng	# 49
22) Acetophenone	7.83	105	288274	37.78	ng	97
24) Nitrobenzene	8.03	77	210614	36.16	ng	96
25) Isophorone	8.33	82	375901	34.51	ng	99
26) 2-Nitrophenol	8.43	139	96043	39.84	ng	93
27) 2,4-Dimethylphenol	8.49	122	194930	40.41	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	239902	35.72	ng	99
29) 2,4-Dichlorophenol	8.72	162	169471	39.51	ng	93
30) 1,2,4-Trichlorobenzene	8.83	180	167927	35.64	ng	98
31) Naphthalene	8.92	128	597453	37.13	ng	99
32) Benzoic acid	8.59	122	95821	33.85	ng	96
33) 4-Chloroaniline	8.99	127	142918	20.99	ng	100
34) Hexachlorobutadiene	9.07	225	90796	33.46	ng	97
35) Caprolactam	9.43	113	55086	39.71	ng	92
36) 4-Chloro-3-methylphenol	9.60	107	178958	39.72	ng	99
37) 2-Methylnaphthalene	9.78	142	412717	37.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	160680	32.90	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	161862	65.91	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	121471	36.18	nq	95
43) 2,4,5-Trichlorophenol	10.18	196	123532	36.39	nq #	91
45) 1,1'-Biphenyl	10.36	154	487751	35.38	nq	99
46) 2-Chloronaphthalene	10.39	162	379692	35.31	nq	97
47) 2-Nitroaniline	10.51	65	111333	35.73	nq	98
48) Acenaphthylene	10.90	152	624844	35.39	nq	100
49) Dimethylphthalate	10.75	163	450053	35.36	nq	99
50) 2,6-Dinitrotoluene	10.82	165	91924	36.60	nq	95
51) Acenaphthene	11.12	154	350894	33.33	nq	99
52) 3-Nitroaniline	11.03	138	85744	27.33	nq #	97
53) 2,4-Dinitrophenol	11.16	184	66747	69.14	nq #	76
54) Dibenzofuran	11.32	168	542764	35.69	nq	97
55) 4-Nitrophenol	11.24	139	185168	74.57	nq	90
56) 2,4-Dinitrotoluene	11.32	165	128538	38.71	nq #	72
57) Fluorene	11.76	166	440464	35.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.48	232	98366	35.46	nq #	100
59) Diethylphthalate	11.63	149	438497	34.78	nq	98
60) 4-Chlorophenyl-phenylether	11.76	204	189123	34.15	nq #	89
61) 4-Nitroaniline	11.78	138	106004	33.77	nq	92
62) Azobenzene	11.95	77	431053	34.70	nq	93
64) 4,6-Dinitro-2-methylphenol	11.83	198	48550	38.63	nq #	61
65) n-Nitrosodiphenylamine	11.91	169	370153	33.92	nq	99
66) 4-Bromophenyl-phenylether	12.36	248	119393	34.95	nq #	84
67) Hexachlorobenzene	12.43	284	138715	35.53	nq #	82
68) Atrazine	12.58	200	121912	38.41	nq	99
69) Pentachlorophenol	12.69	266	130809	59.21	nq	98
70) Phenanthrene	12.95	178	623411	34.00	nq	100
71) Anthracene	13.02	178	652238	36.26	nq	99
72) Carbazole	13.22	167	637699	37.20	nq	98
73) Di-n-butylphthalate	13.67	149	731378	35.58	nq #	97
74) Fluoranthene	14.43	202	670559	35.10	nq	92
76) Benzidine	14.61	184	349601	42.53	nq	99
77) Pyrene	14.71	202	687799	39.14	nq	99
79) Butylbenzylphthalate	15.53	149	312550	40.68	nq	94
80) Benzo(a)anthracene	16.21	228	615090	36.83	nq	100
81) 3,3'-Dichlorobenzidine	16.18	252	151682	25.50	nq #	97
82) Chrysene	16.25	228	568031	35.36	nq	100
83) Bis(2-ethylhexyl)phthalate	16.25	149	453236	38.95	nq #	96
84) Di-n-octyl phthalate	17.06	149	766778	37.42	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.47	276	724745	35.41	nq #	100
87) Benzo(b)fluoranthene	17.53	252	625248	36.76	nq #	96
88) Benzo(k)fluoranthene	17.57	252	600430	36.47	nq #	95
89) Benzo(a)pyrene	17.92	252	584690	37.33	nq #	97
90) Dibenzo(a,h)anthracene	19.50	278	585745	35.19	nq	97
91) Benzo(g,h,i)perylene	19.92	276	598714	35.89	nq	99

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

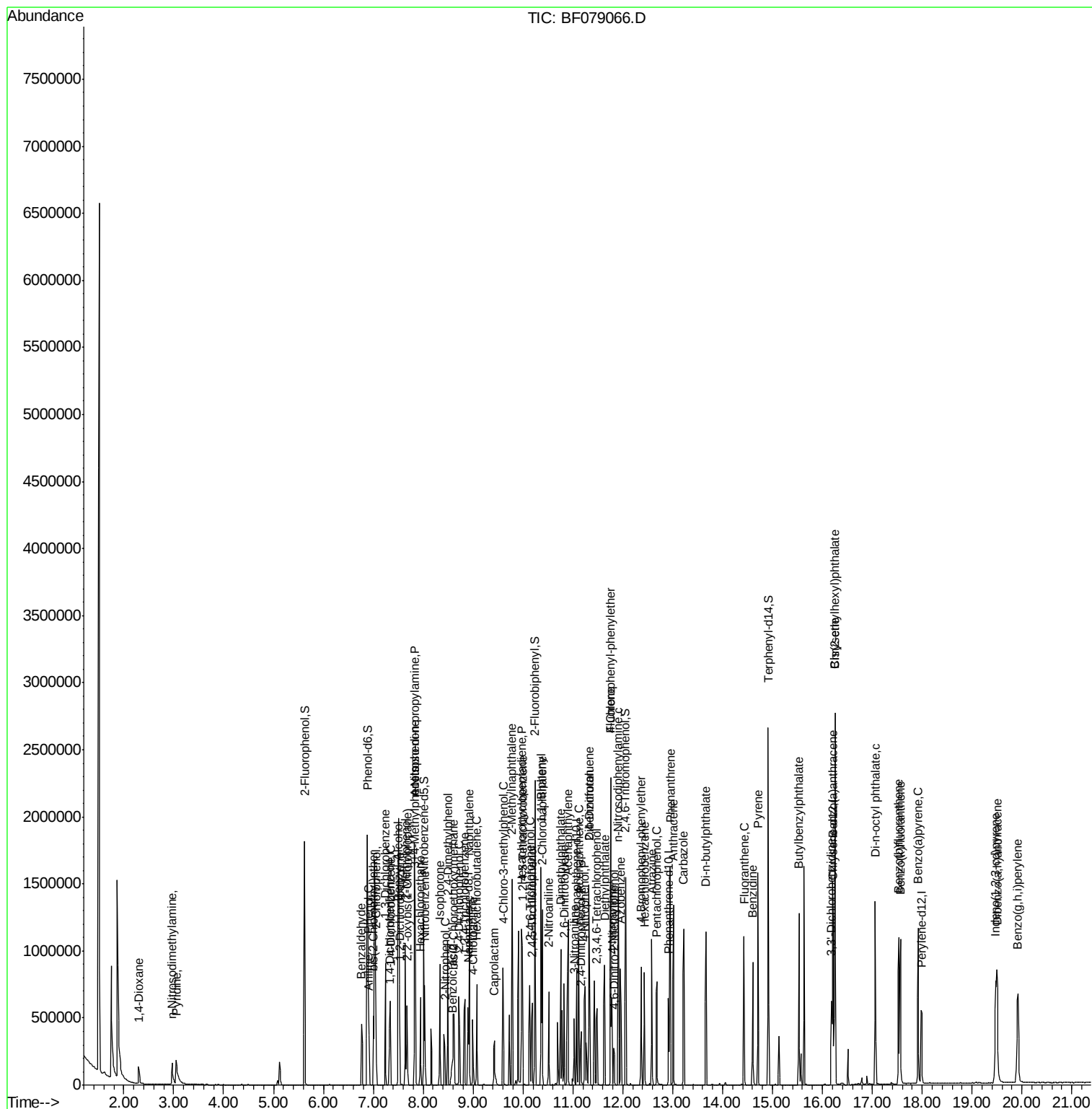
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Acq On    : 9 May 2015    6:38  
Operator  : TP/IZ  
Sample    : PB83244BS  
Misc      :  
ALS Vial  : 28    Sample Multiplier: 1
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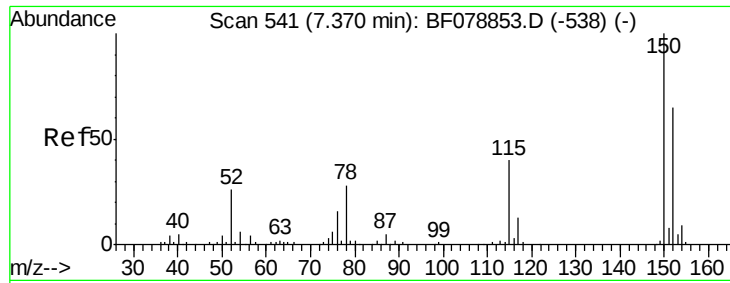
Instrument :
BNA_F
ClientSampleId :
PB83244BS

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#1

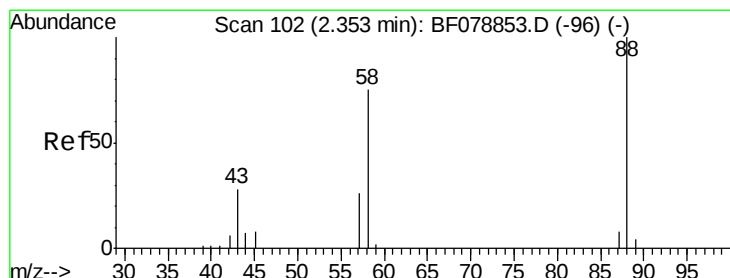
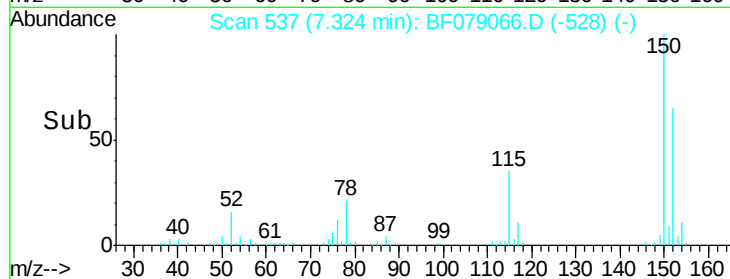
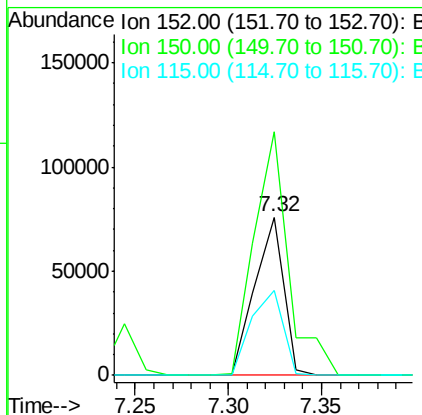
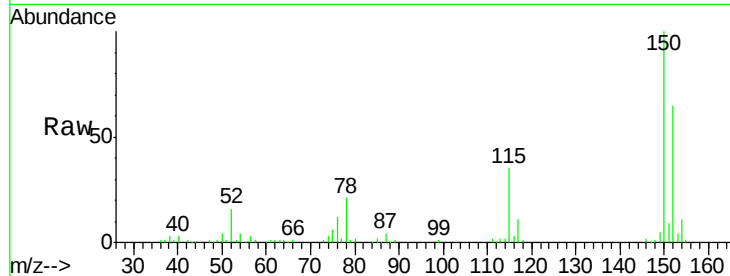
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.0	183.0
115	53.5	46.3	69.5

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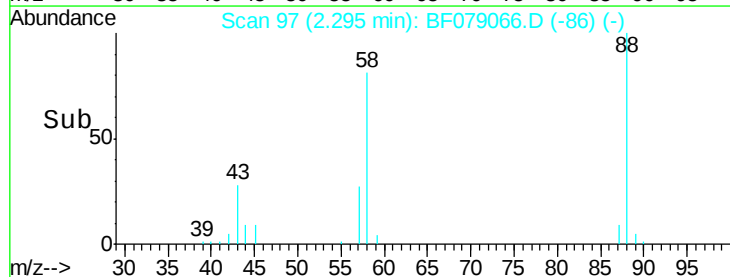
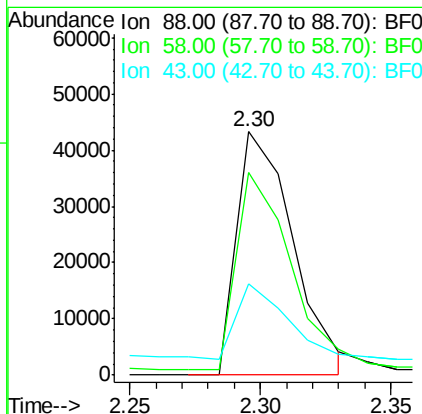
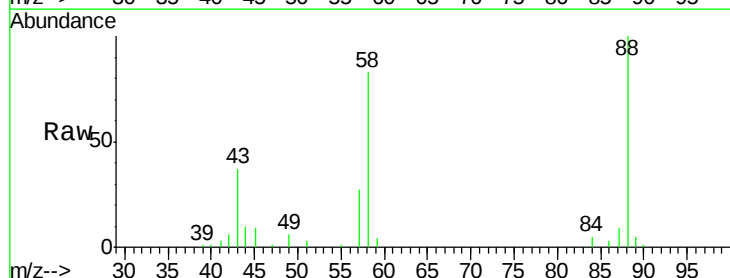
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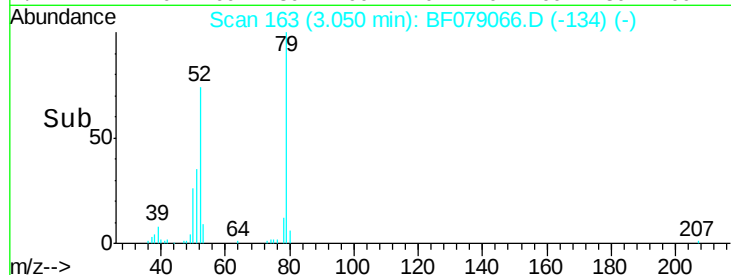
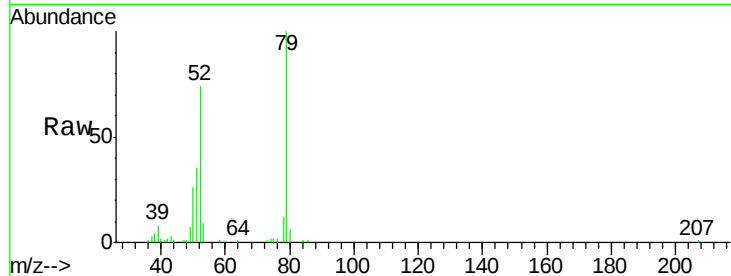
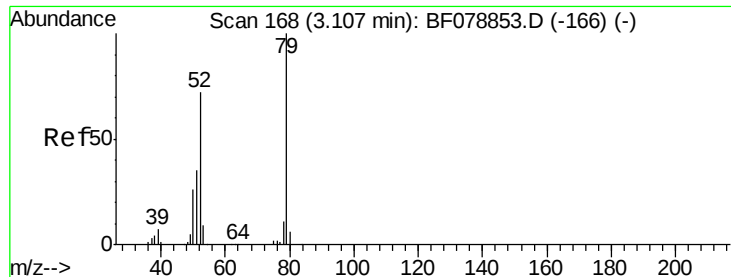


#2

1,4-Dioxane
Concen: 32.18 ng
RT: 2.30 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	0.0	0.0#
43	25.9	3.3	4.9#





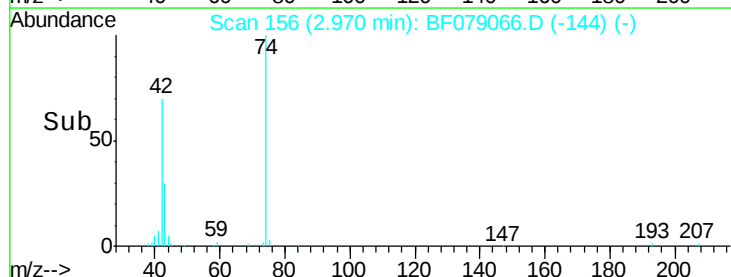
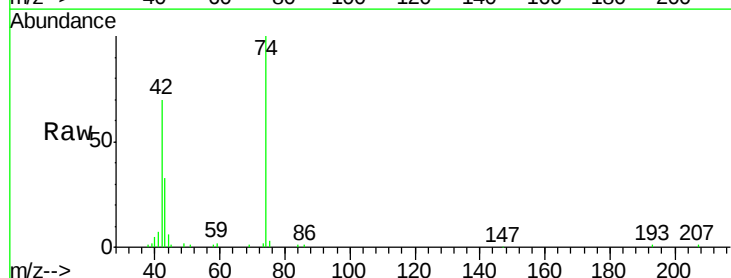
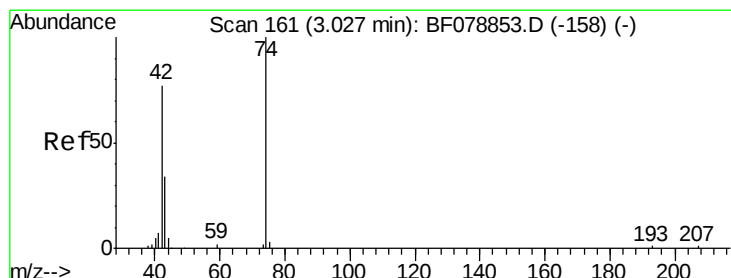
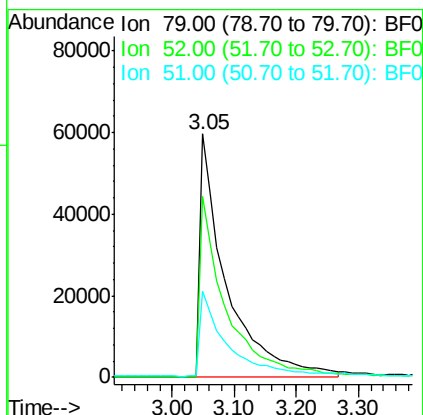
#3
 Pvridine
 Concen: 29.31 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.03 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tot Ion	Ratio	Resp	Lower	Upper
79	100	176113		
52	74.3		57.2	85.8
51	35.4		28.9	43.3

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

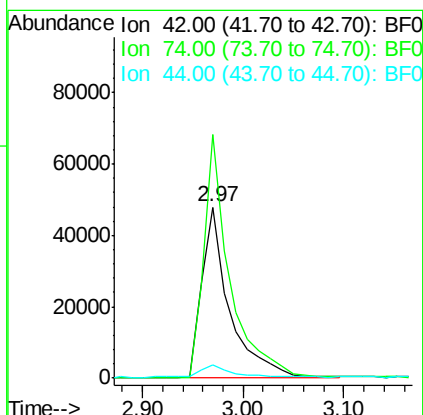
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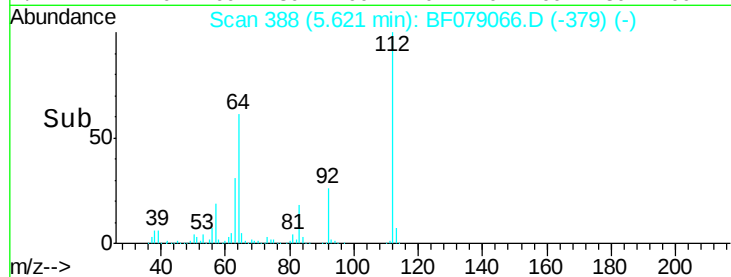
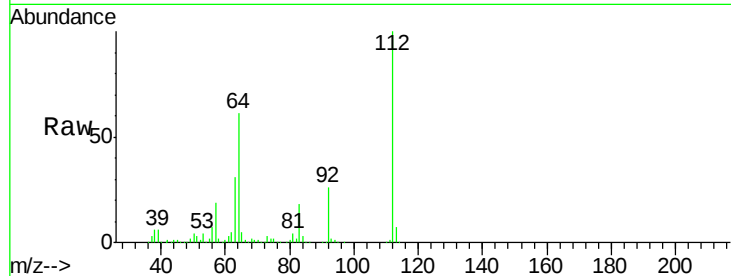
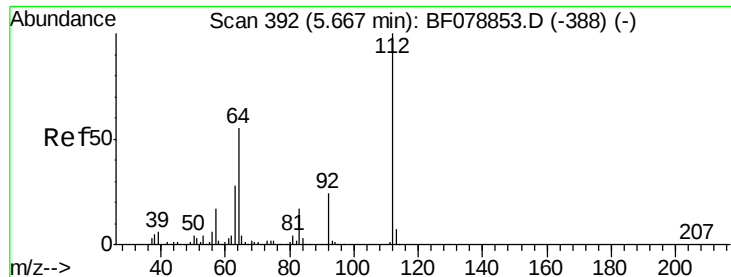
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#4
 n-Nitrosodimethylamine
 Concen: 35.84 ng m
 RT: 2.97 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	92276		
74	142.2		96.5	144.7
44	7.9		6.1	9.1





#5

2-Fluorophenol

Concen: 114.36 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tot Ion:	112	Resp:	540055
Ion Ratio	Lower	Upper	
112	100		
64	60.9	53.5	80.3
63	30.7	27.5	41.3

Instrument :

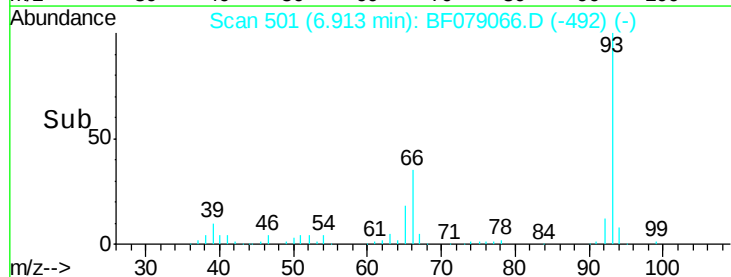
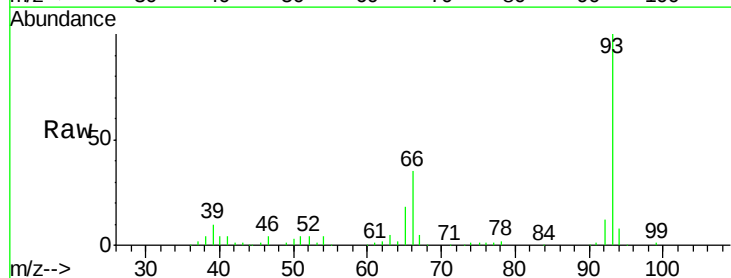
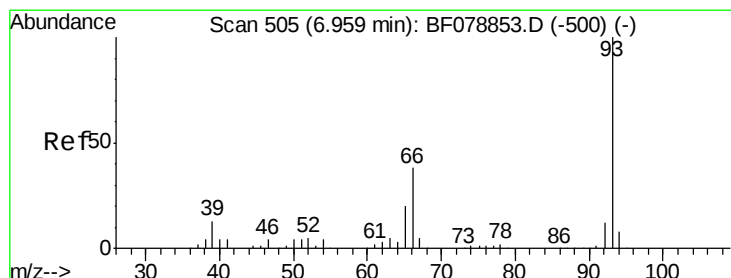
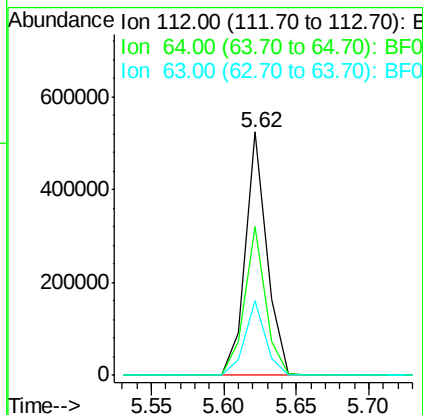
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ClientSampleId :

PB83244BS

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#6

Aniline

Concen: 22.36 ng

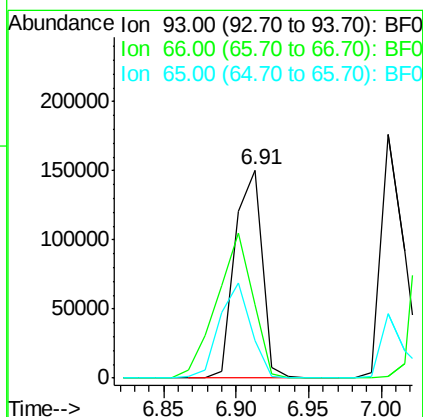
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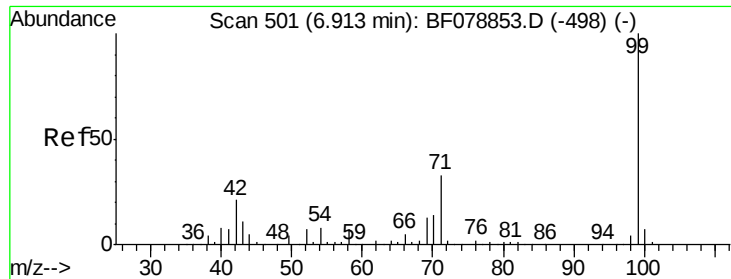
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	93	Resp:	196982
Ion Ratio	Lower	Upper	
93	100		
66	35.3	29.7	44.5
65	18.3	14.6	22.0





#7

Phenol-d6

Concen: 113.63 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

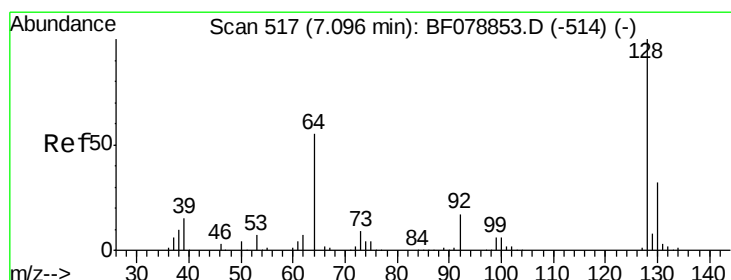
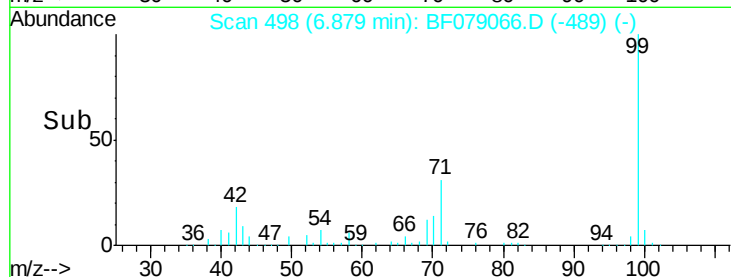
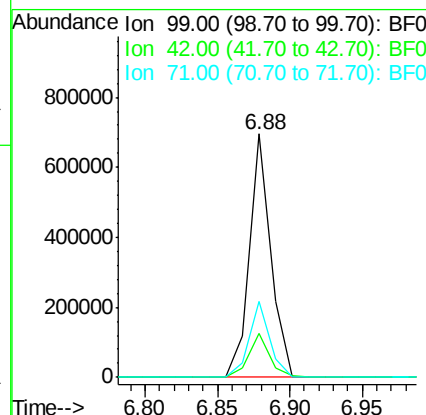
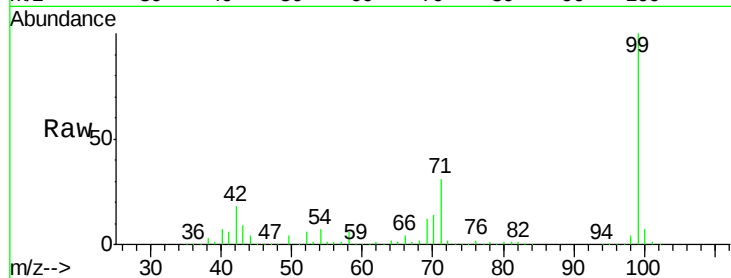
ClientSampleId :

PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		709329		
42	18.0	12.8	19.2		
71	30.9	23.4	35.2		

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#8

2-Chlorophenol

Concen: 38.39 ng

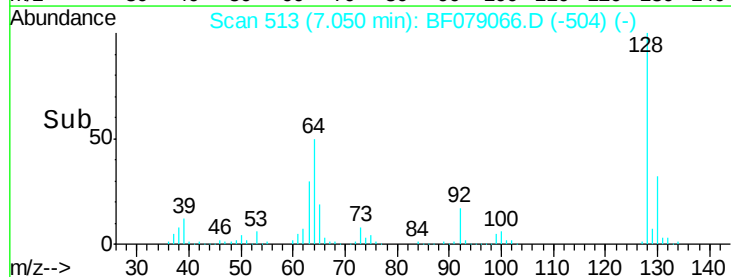
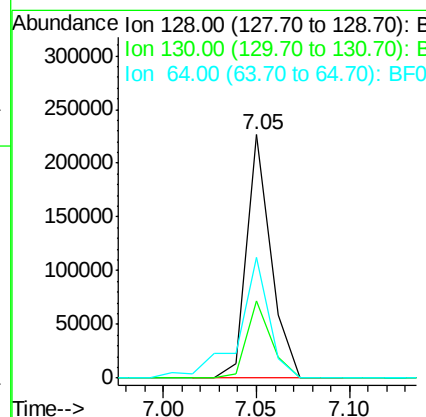
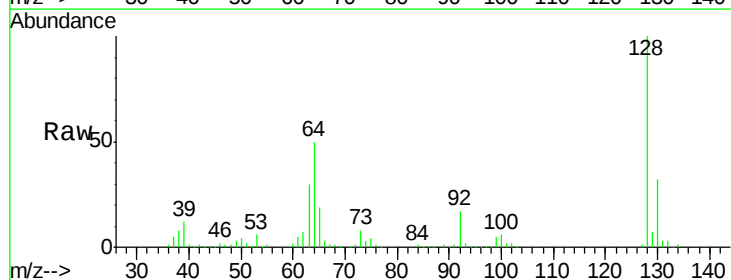
RT: 7.05 min Scan# 513

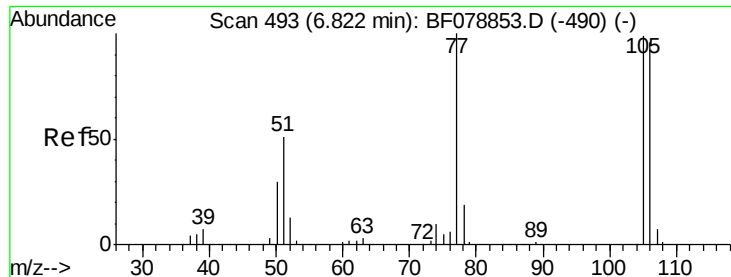
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		205647		
130	31.9	12.1	52.1		
64	49.8	29.6	69.6		





#9

Benzaldehyde

Concen: 27.40 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

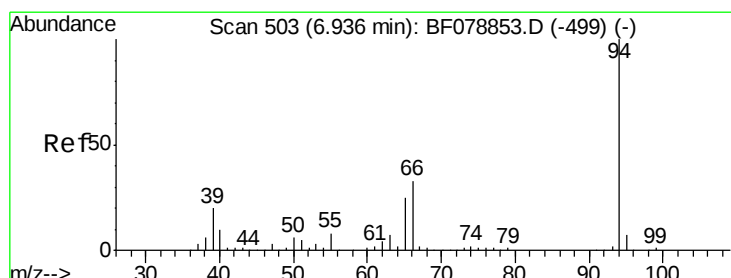
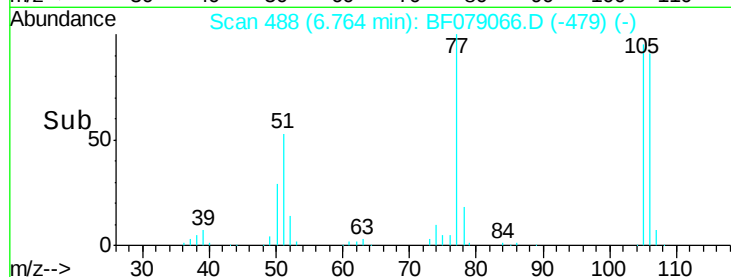
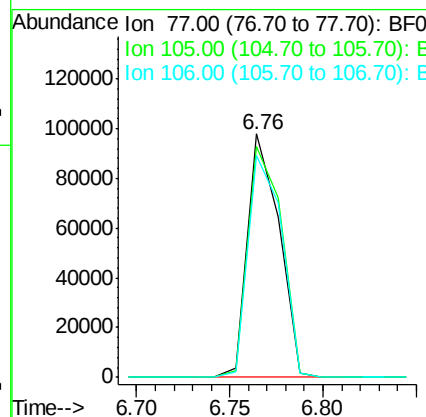
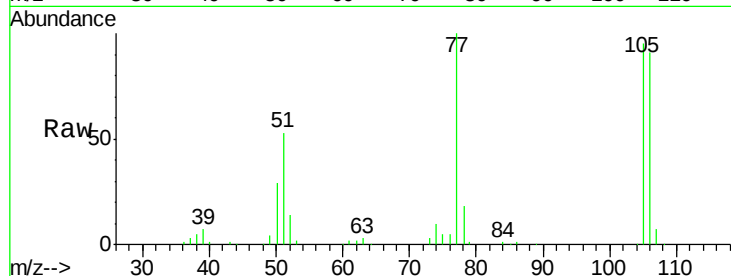
ClientSampleID :

PB83244BS

Tot Ion:	77	Resp:	115205
Ion Ratio	Lower	Upper	
77	100		
105	95.0	81.7	121.7
106	91.2	79.0	119.0

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#10

Phenol

Concen: 35.58 ng

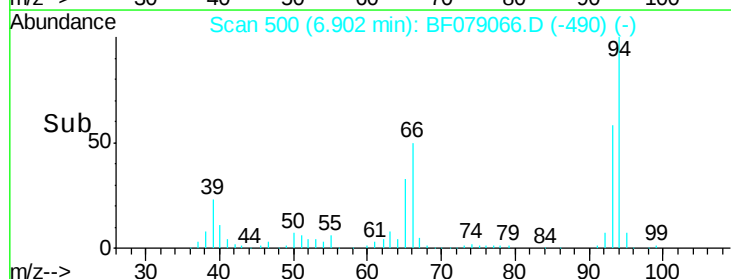
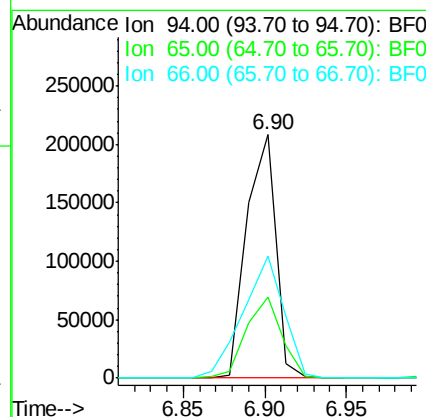
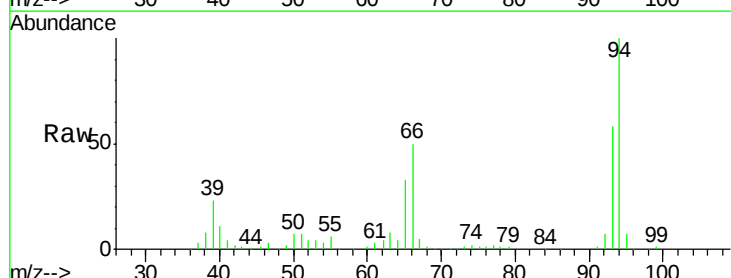
RT: 6.90 min Scan# 500

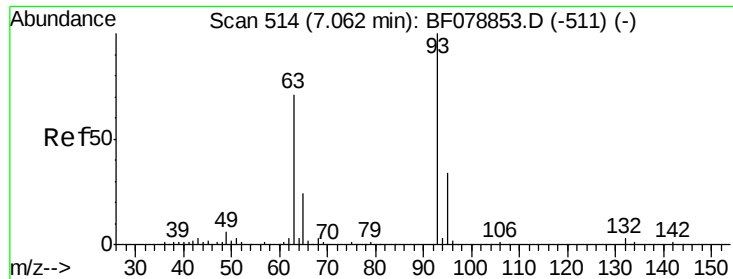
Delta R.T. 0.01 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	94	Resp:	257613
Ion Ratio	Lower	Upper	
94	100		
65	33.1	8.5	48.5
66	50.3	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 35.16 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

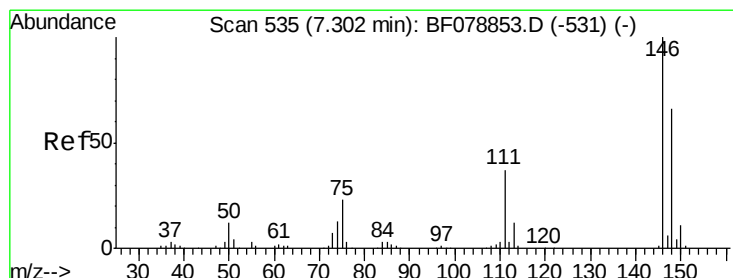
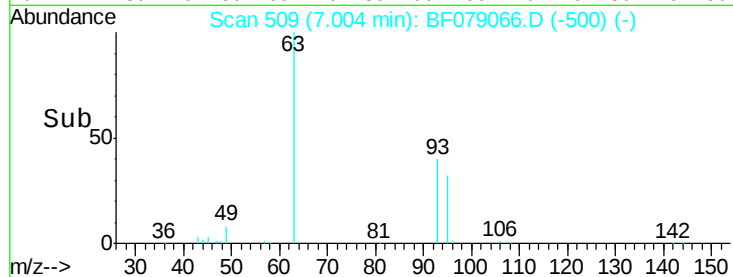
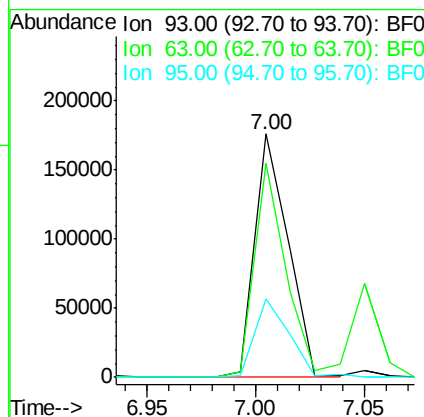
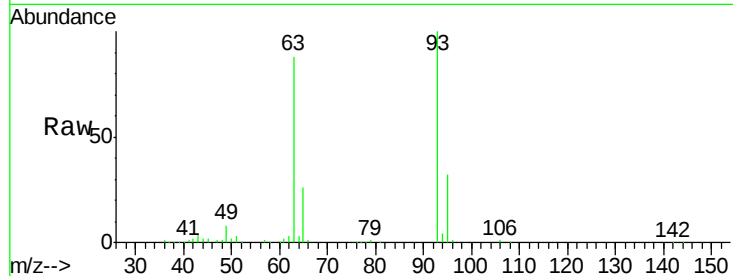
ClientSampleId :

PB83244BS

Tot Ion:	93	Resp:	186658
Ion Ratio	Lower	Upper	
93	100		
63	87.9	64.8	104.8
95	32.3	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 35.35 ng

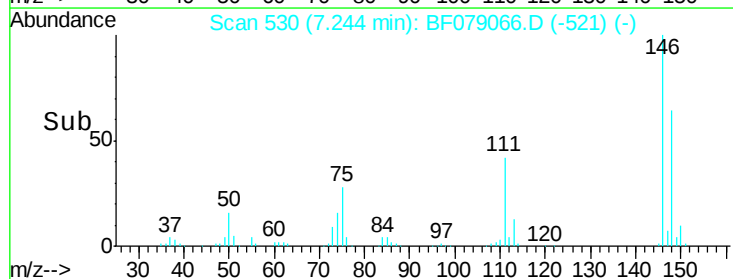
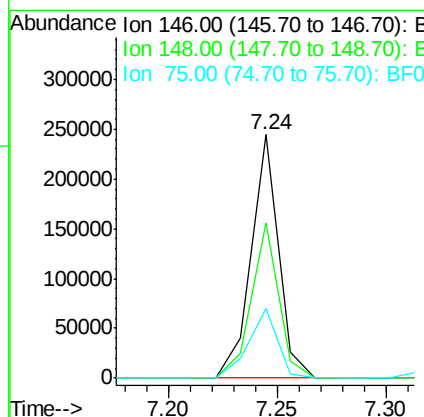
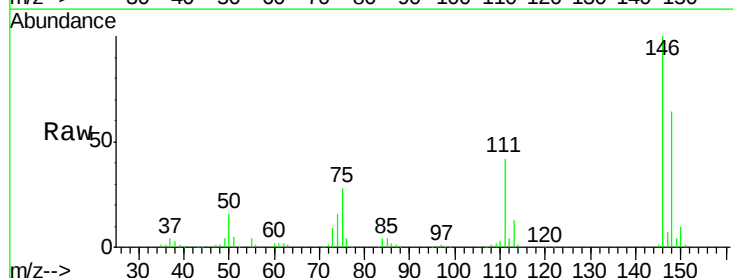
RT: 7.24 min Scan# 530

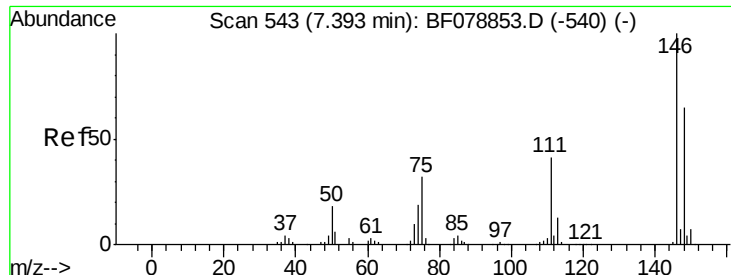
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	146	Resp:	212798
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.2	75.2
75	28.4	29.2	43.8#





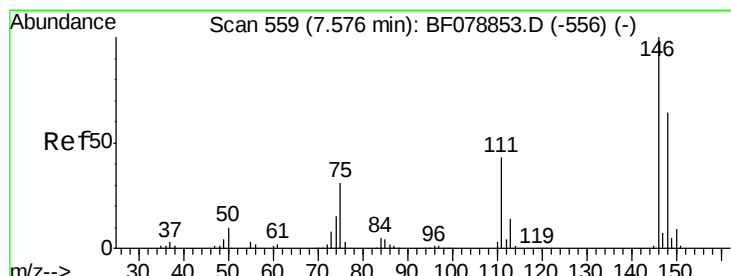
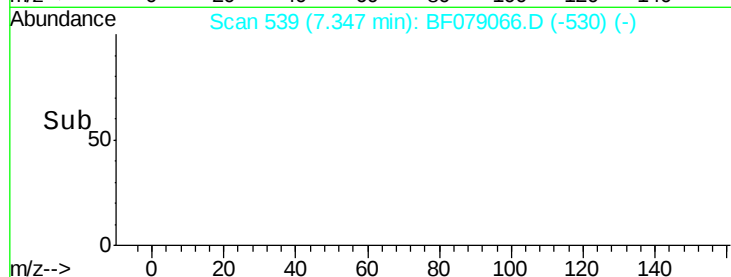
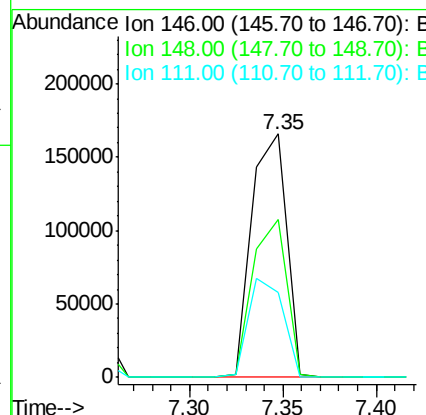
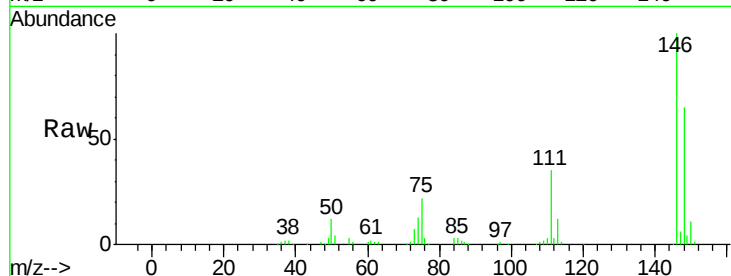
#13
 1,4-Dichlorobenzene
 Concen: 34.75 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.8	79.2
111	34.8	31.7	47.5

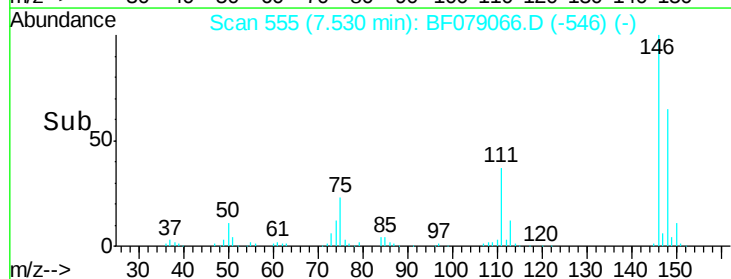
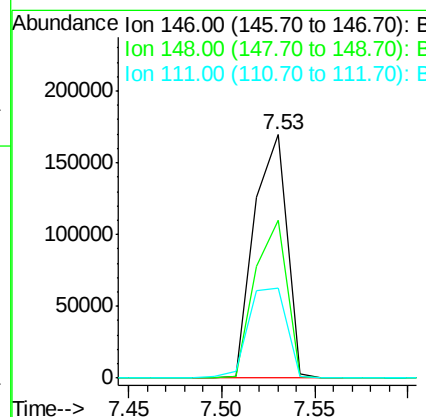
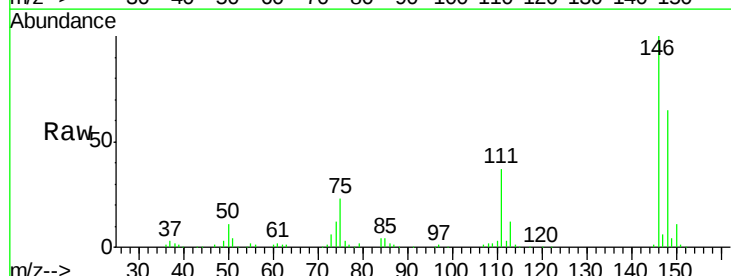
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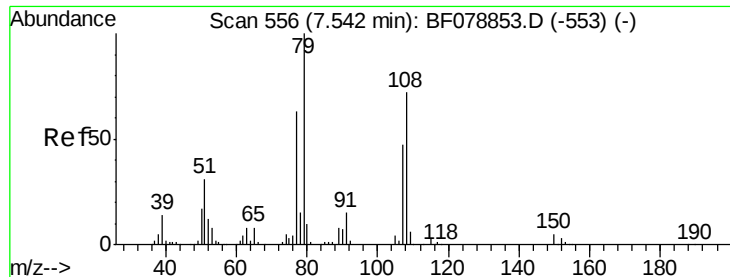
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#14
 1,2-Dichlorobenzene
 Concen: 35.56 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	37.2	33.3	49.9





#15

Benzyl Alcohol

Concen: 35.88 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

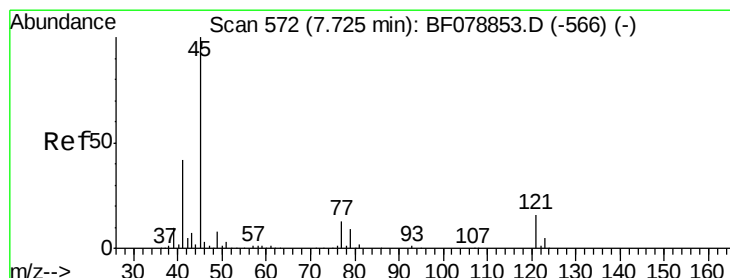
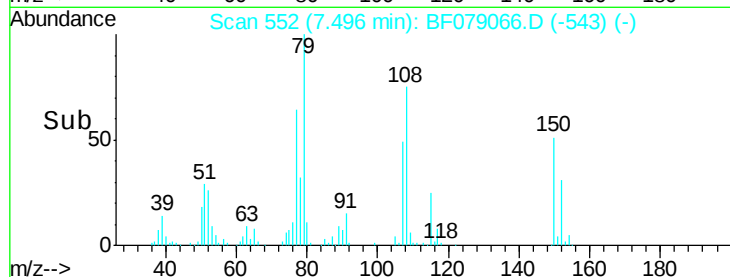
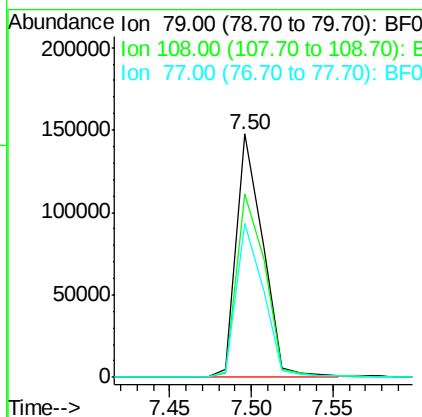
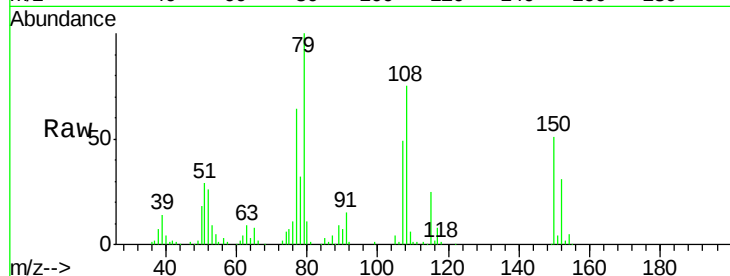
ClientSampleId :

PB83244BS

Tot Ion:	79	Resp:	166246
Ion	Ratio	Lower	Upper
79	100		
108	75.2	62.5	93.7
77	63.5	52.2	78.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.97 ng

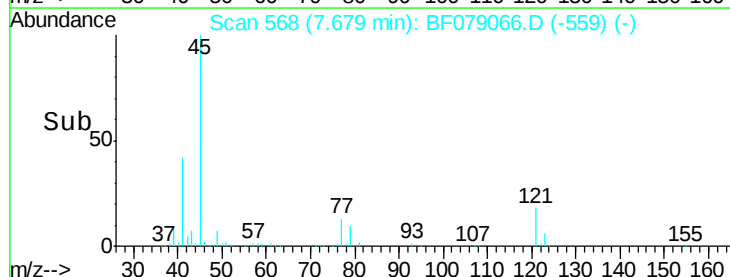
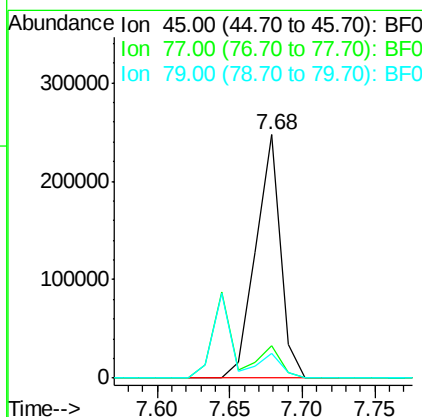
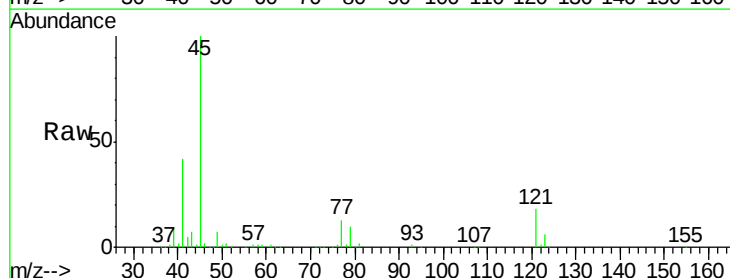
RT: 7.68 min Scan# 568

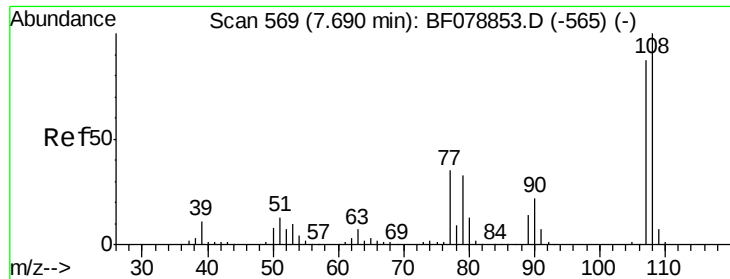
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	45	Resp:	292165
Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.3
79	10.2	0.0	30.1





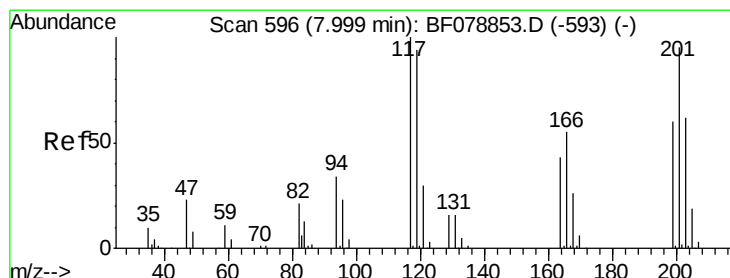
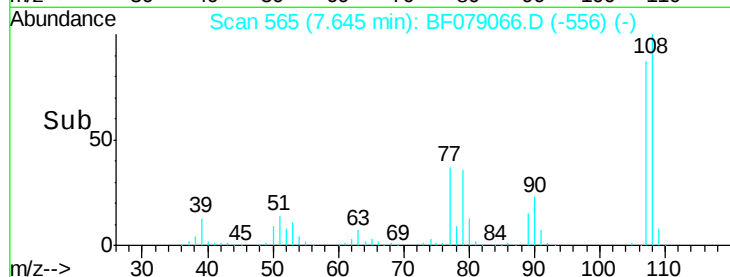
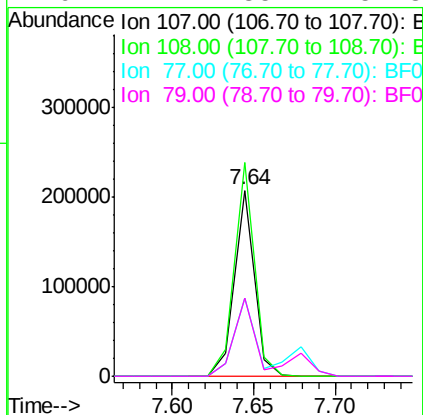
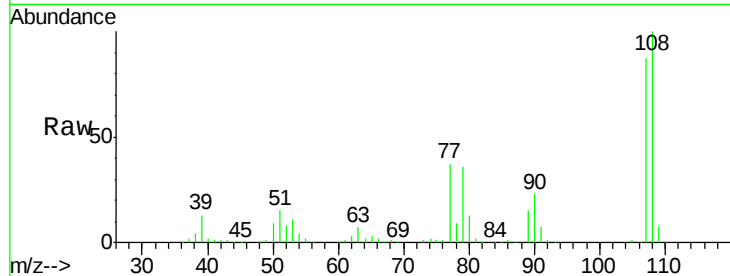
#17
2-Methylphenol
Concen: 40.38 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	94.9	142.3	
77	42.3	36.2	54.4	
79	41.7	35.2	52.8	

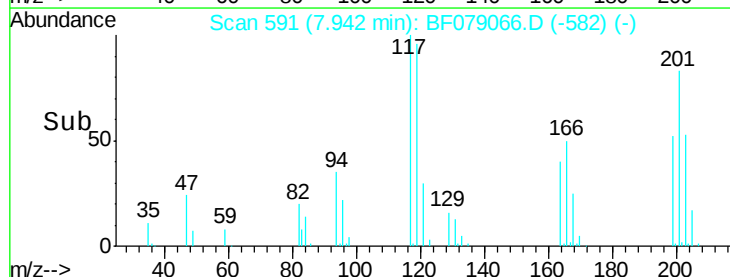
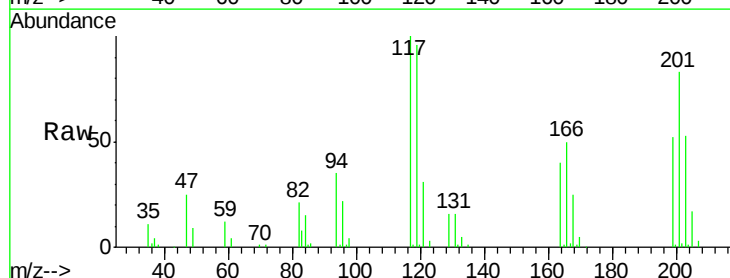
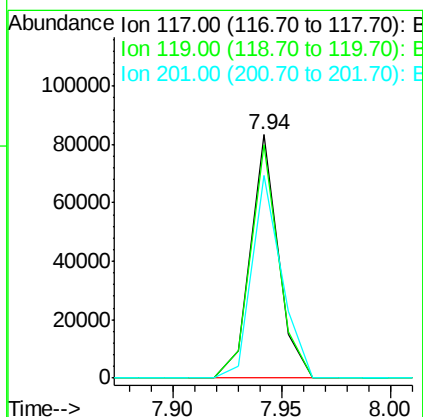
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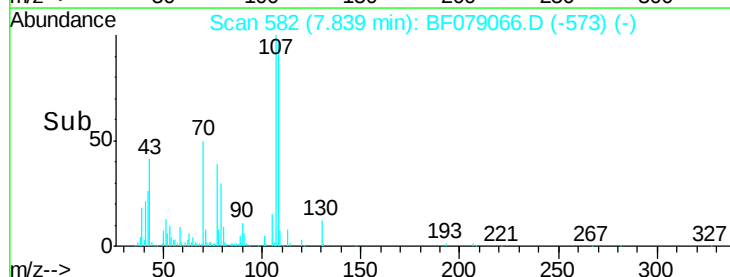
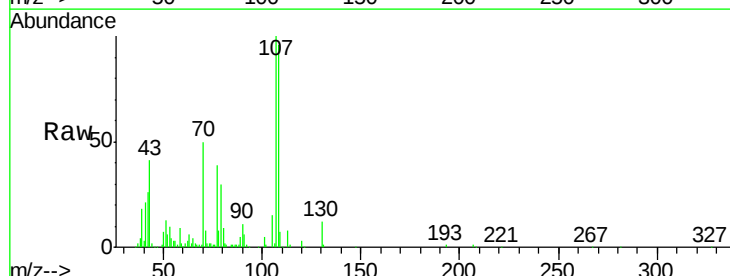
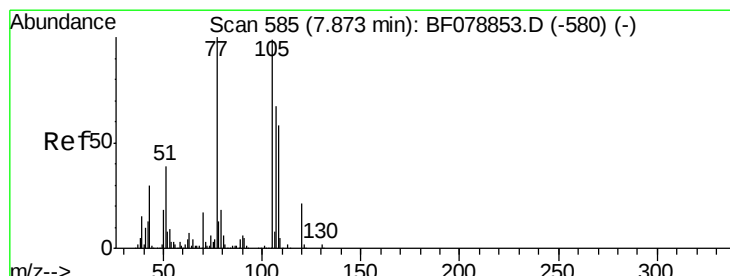
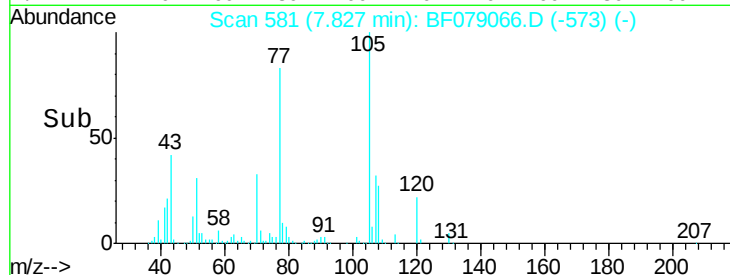
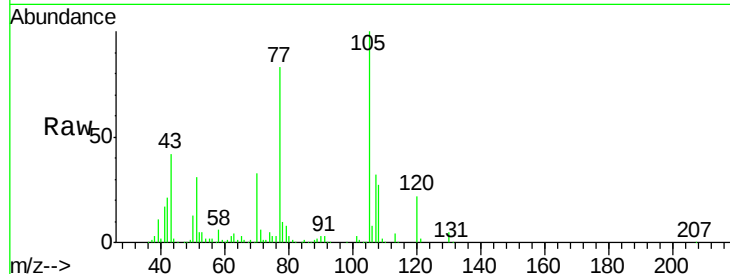
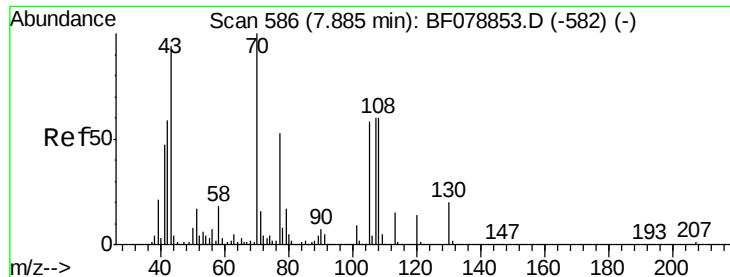
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#18
Hexachloroethane
Concen: 34.71 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.4	113.0	
201	83.3	83.2	124.8	





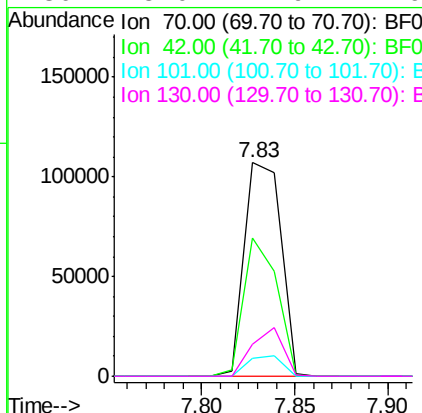
#19
n-Nitroso-di-n-propylamine
Concen: 34.67 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.8	55.4	83.0		
101	8.5	6.6	10.0		
130	15.0	11.9	17.9		

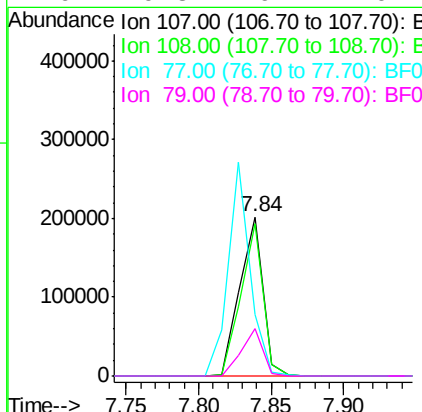
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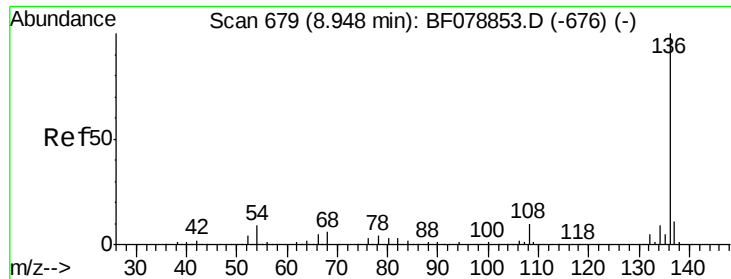
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#20
3+4-Methylphenols
Concen: 39.01 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.0	76.9	116.9		
77	38.5	136.8	176.8#		
79	29.8	9.7	49.7		





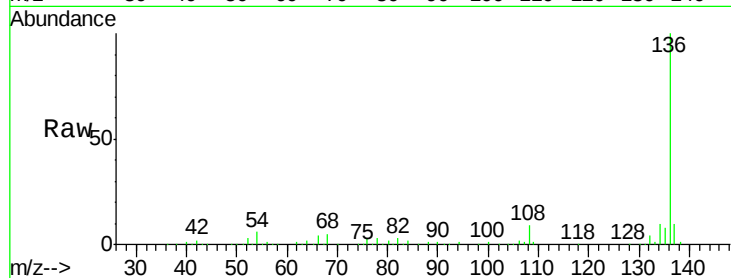
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

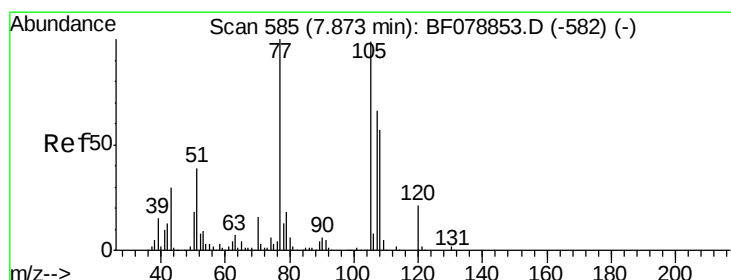
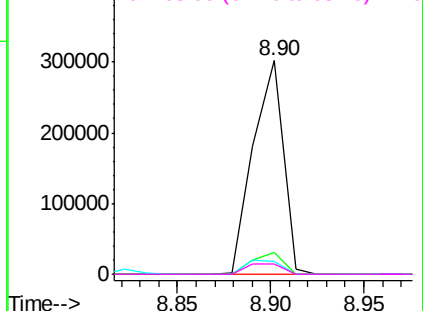
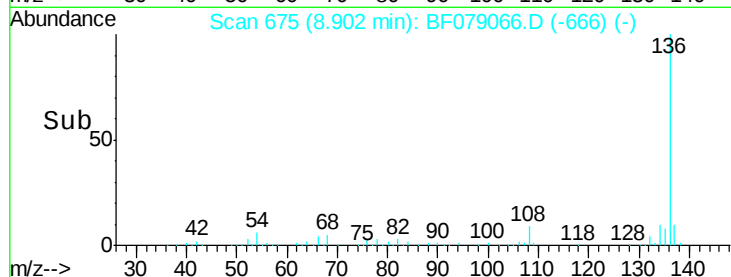
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.7	13.1	
54	6.2	5.8	8.8	
68	4.8	4.2	6.4	

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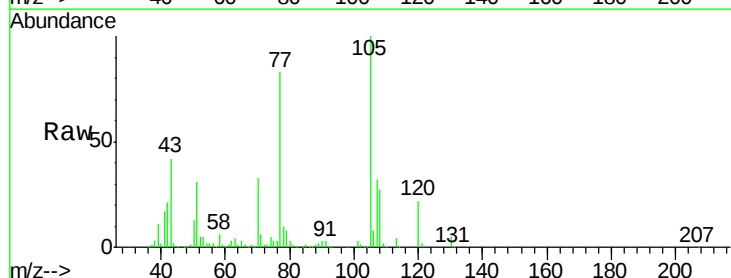


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

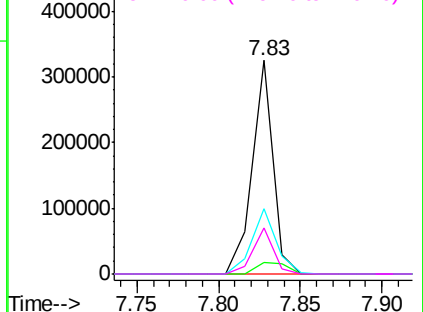
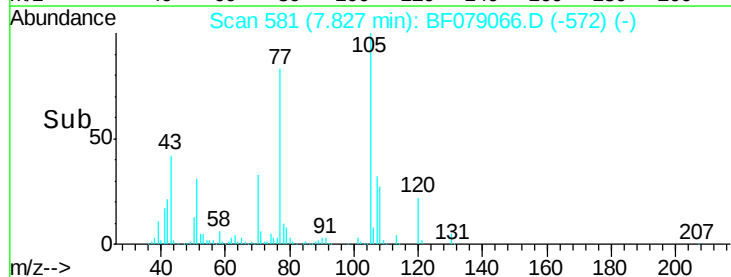


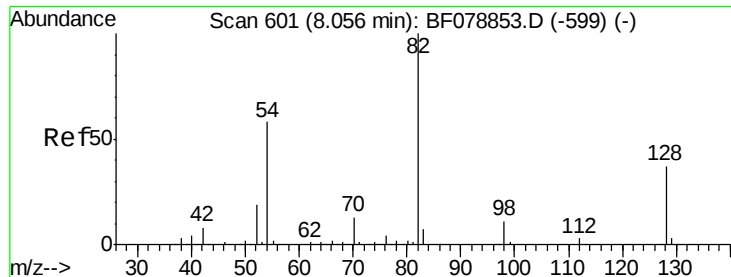
#22
Acetophenone
Concen: 37.78 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	4.6	6.8	
51	30.5	26.7	40.1	
120	21.5	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





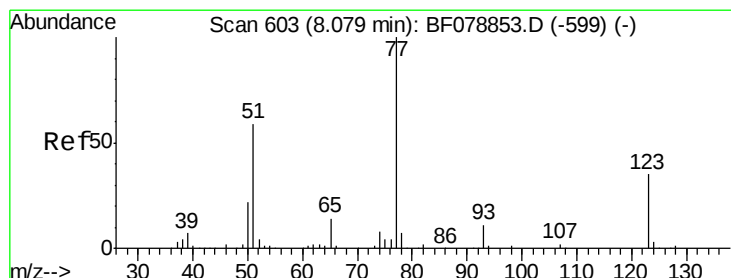
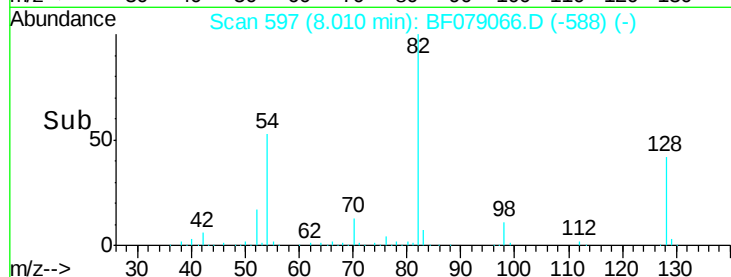
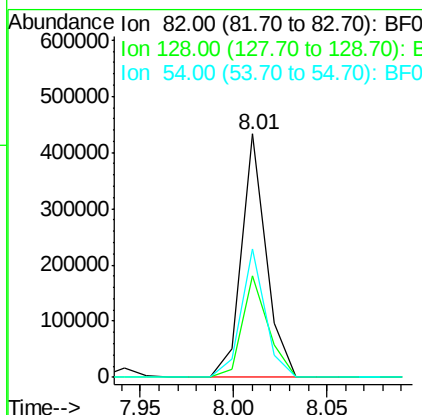
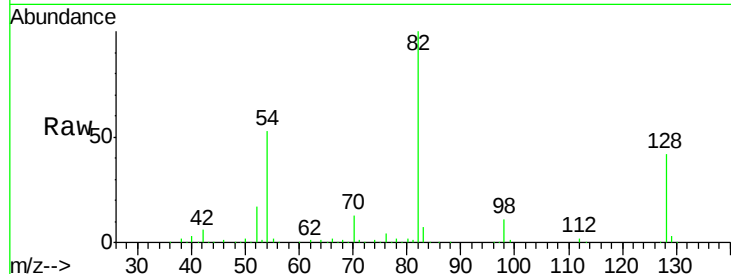
#23
Nitrobenzene-d5
Concen: 67.92 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	30.0	45.0	
54	52.6	46.4	69.6	

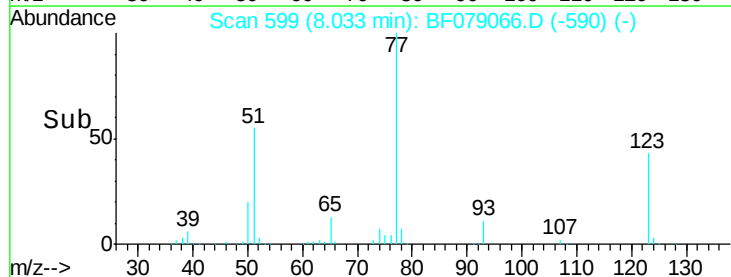
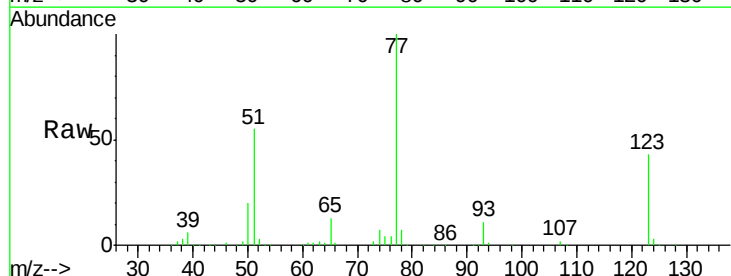
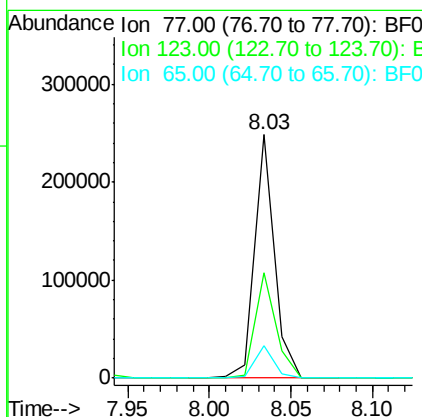
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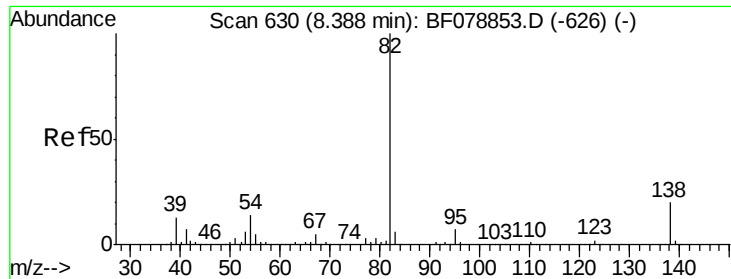
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#24
Nitrobenzene
Concen: 36.16 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.1	31.8	47.8	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 34.51 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

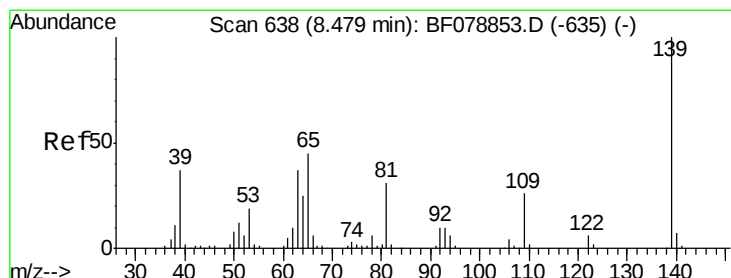
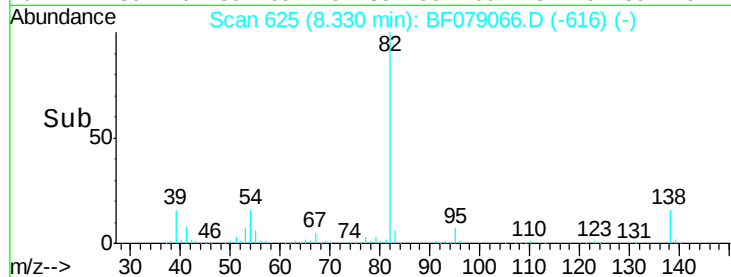
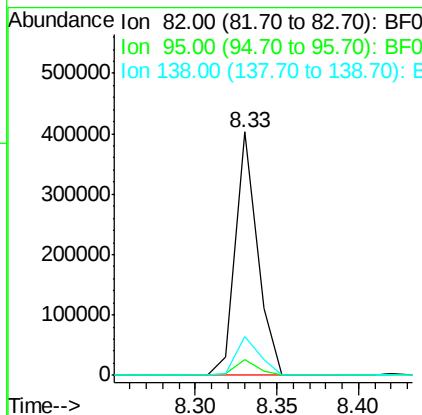
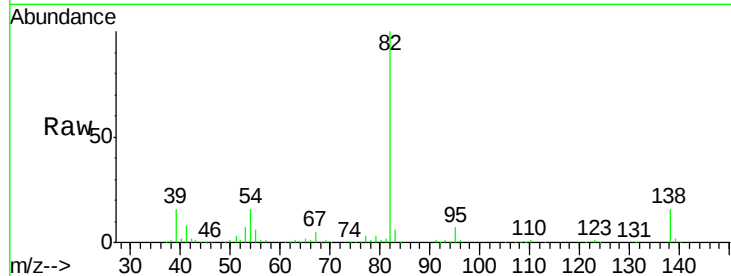
ClientSampleID :

PB83244BS

Tot Ion:	82	Resp:	375901
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	15.8	12.0	18.0

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#26

2-Nitrophenol

Concen: 39.84 ng

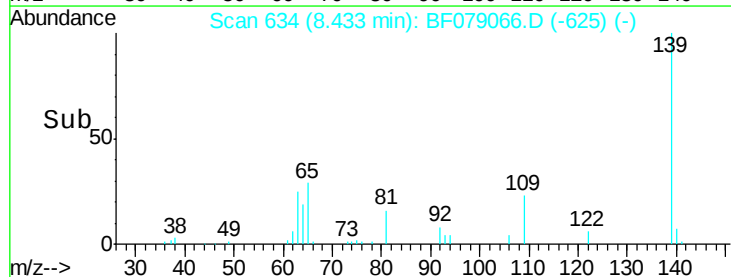
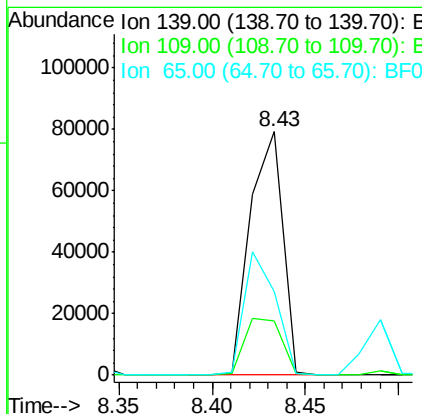
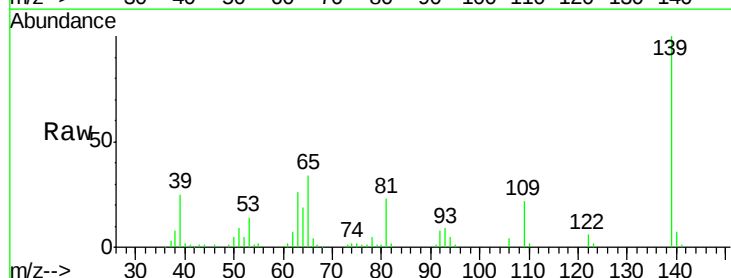
RT: 8.43 min Scan# 634

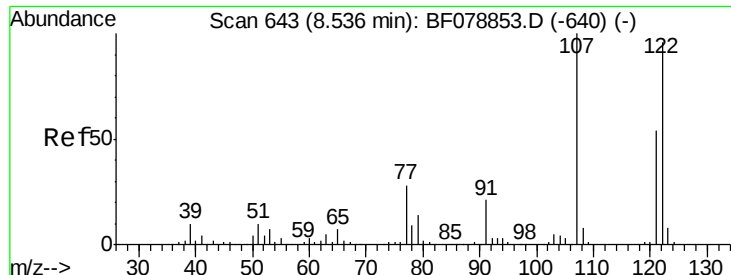
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	139	Resp:	96043
Ion Ratio		Lower	Upper
139	100		
109	22.4	21.0	31.4
65	34.3	30.5	45.7





#27

2,4-Dimethylphenol

Concen: 40.41 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

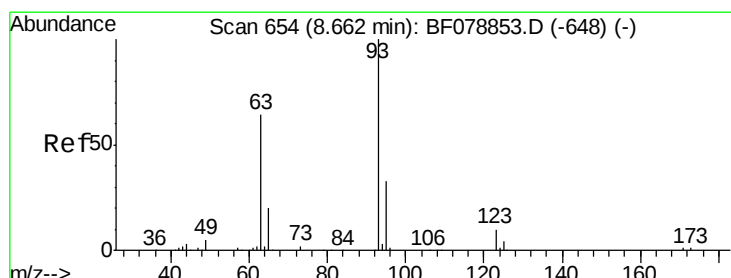
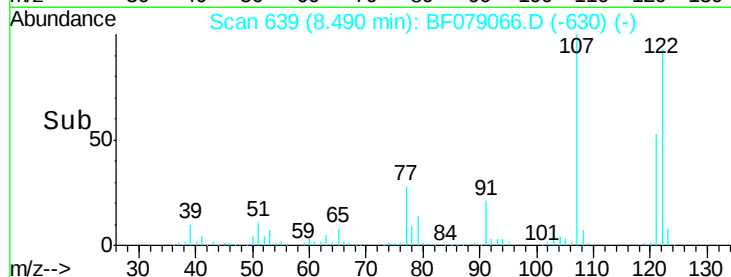
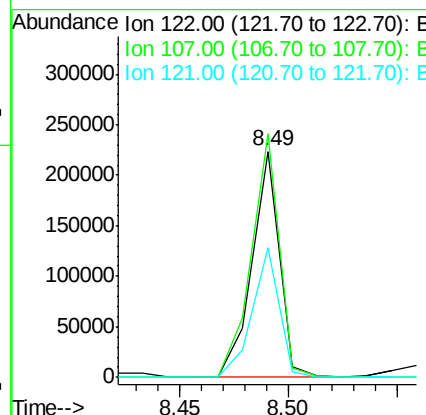
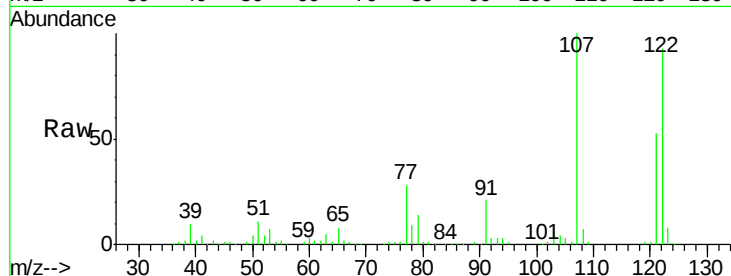
ClientSampleId :

PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		194930		
107	107.8	90.6	135.8		
121	57.2	45.4	68.2		

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 35.72 ng

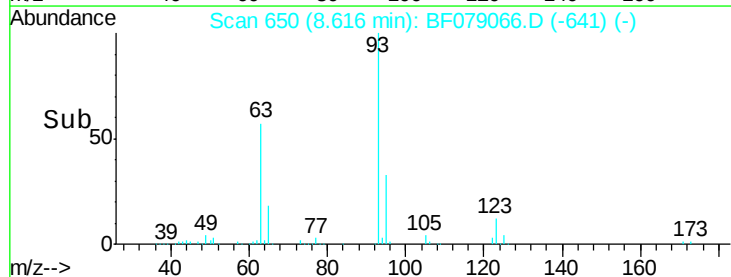
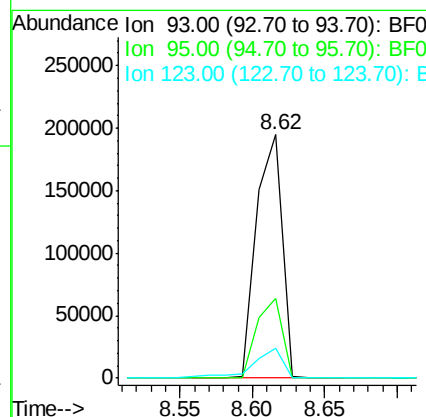
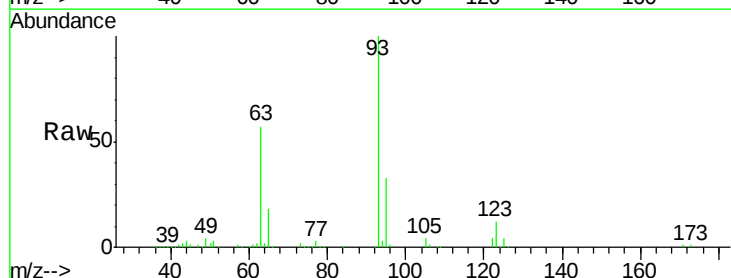
RT: 8.62 min Scan# 650

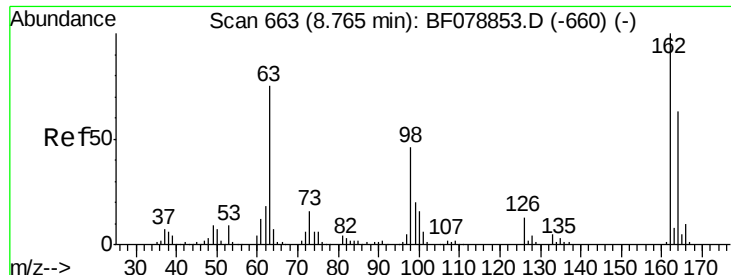
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		239902		
95	32.7	26.7	40.1		
123	12.0	9.1	13.7		





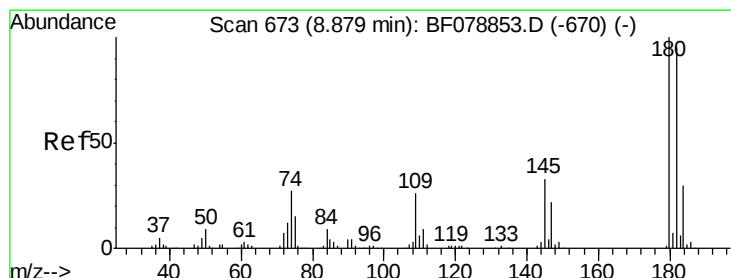
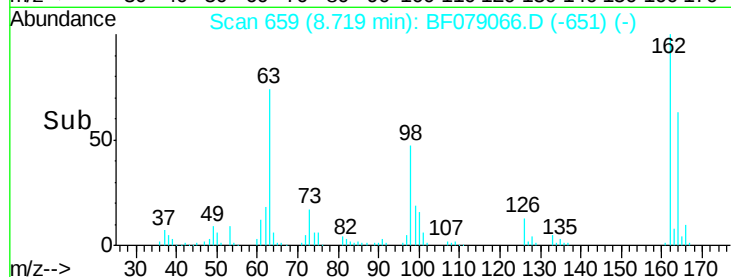
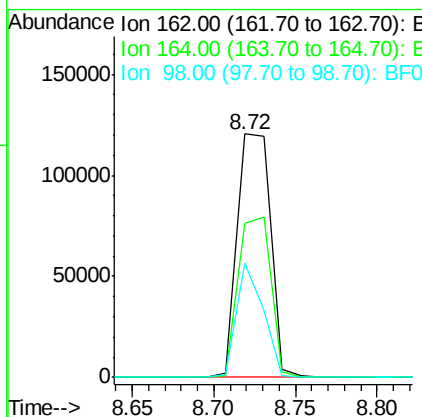
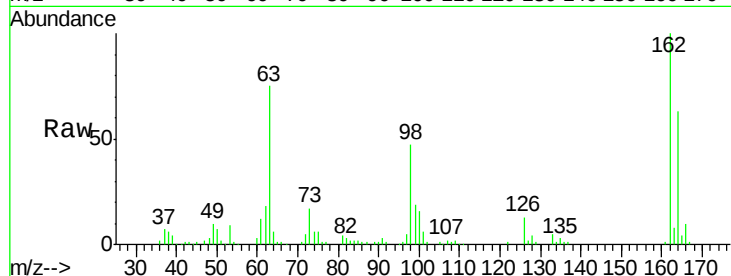
#29
 2,4-Dichlorophenol
 Concen: 39.51 ng
 RT: 8.72 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion:	162	Resp:	169471
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.6	83.6
98	46.9	16.5	56.5

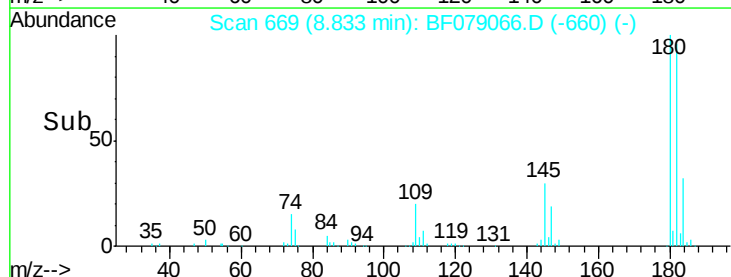
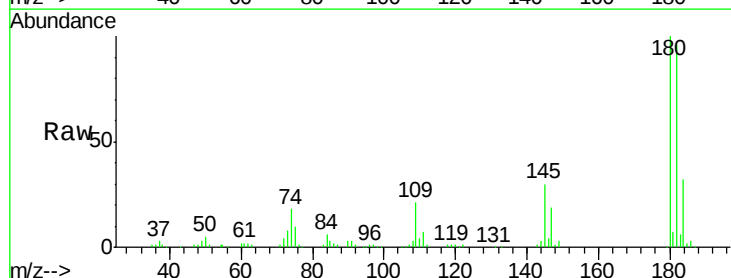
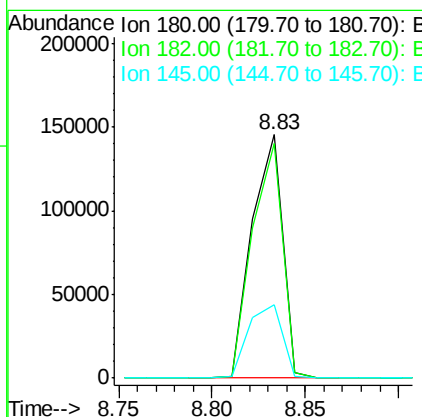
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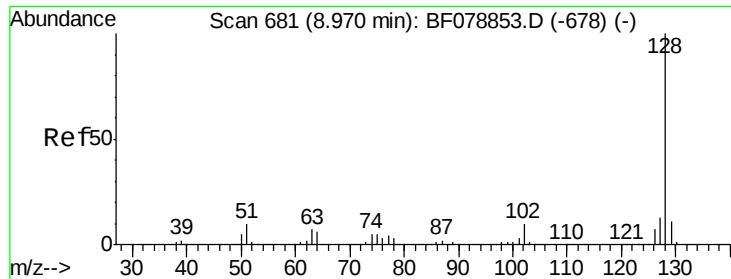
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.64 ng
 RT: 8.83 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion:	180	Resp:	167927
Ion Ratio	Lower	Upper	
180	100		
182	96.4	78.9	118.3
145	29.9	24.2	36.4





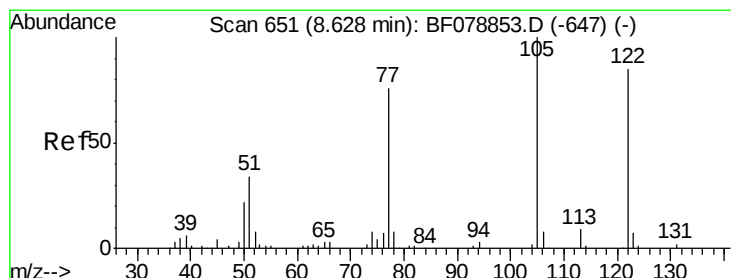
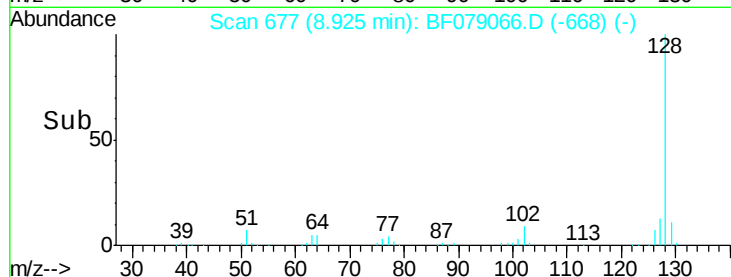
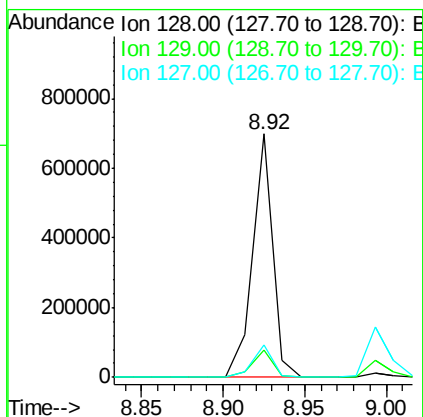
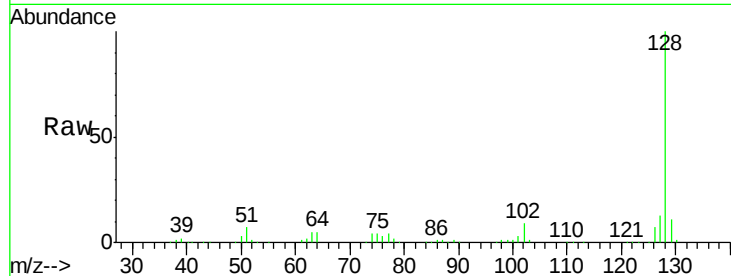
#31
Naphthalene
Concen: 37.13 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	597453		
129	11.2	9.3	13.9	
127	13.2	10.7	16.1	

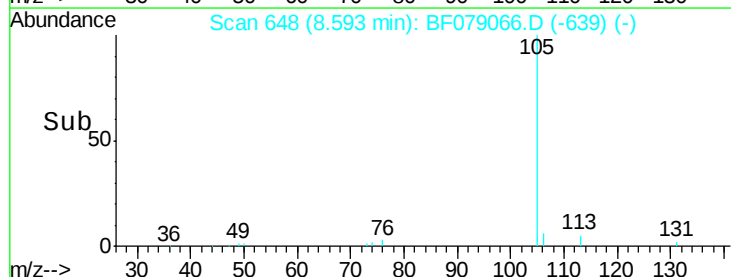
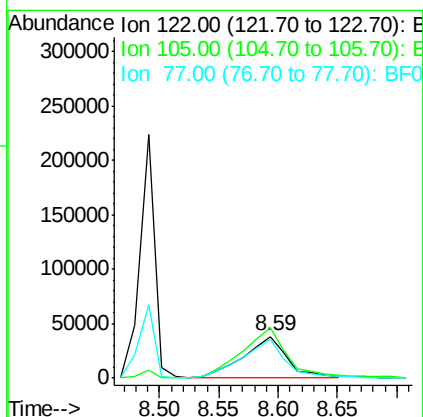
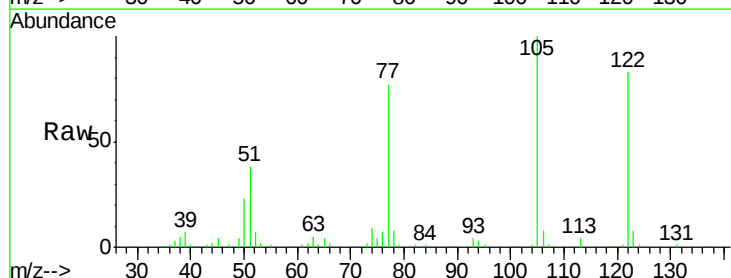
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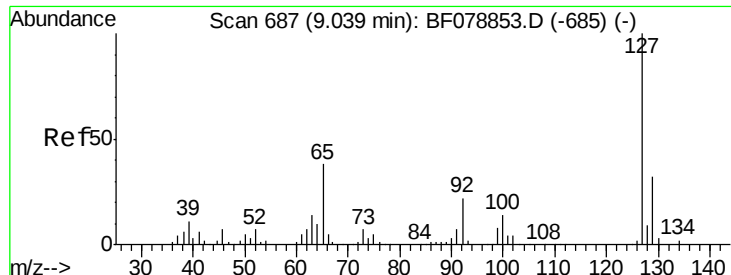
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#32
Benzoic acid
Concen: 33.85 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	95821		
105	120.5	107.1	147.1	
77	92.8	73.9	113.9	





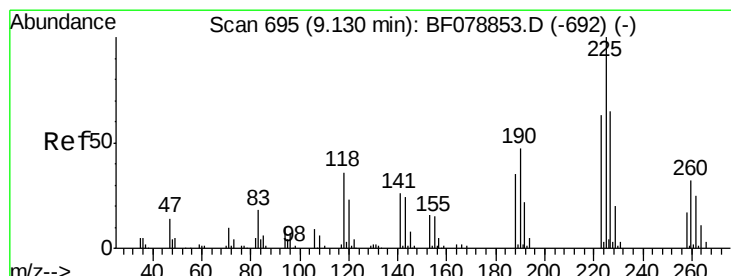
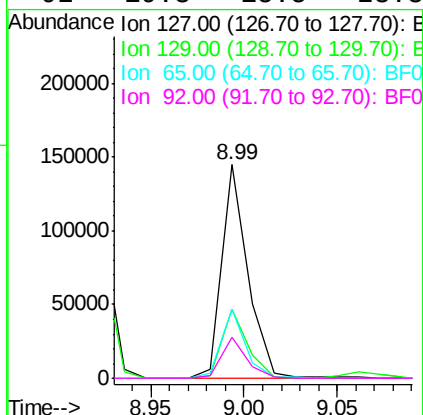
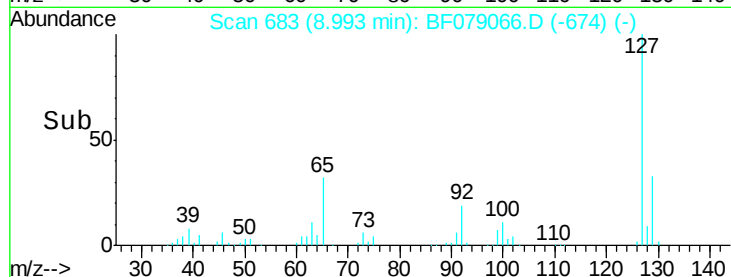
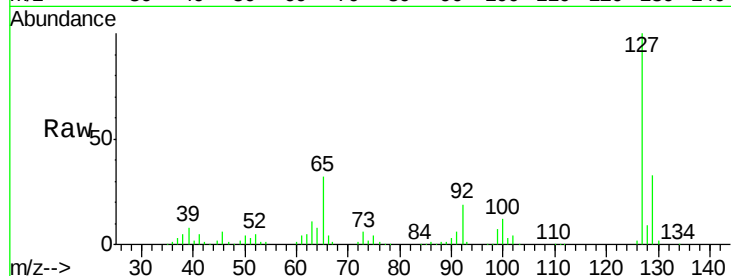
#33
4-Chloroaniline
Concen: 20.99 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.8	38.8		
65	32.1	25.8	38.6		
92	19.3	15.5	23.3		

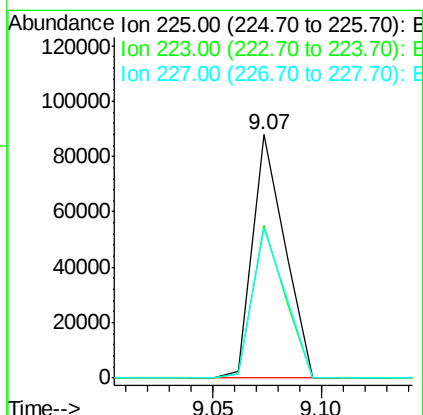
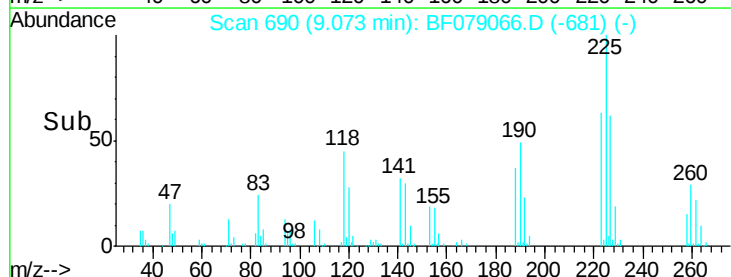
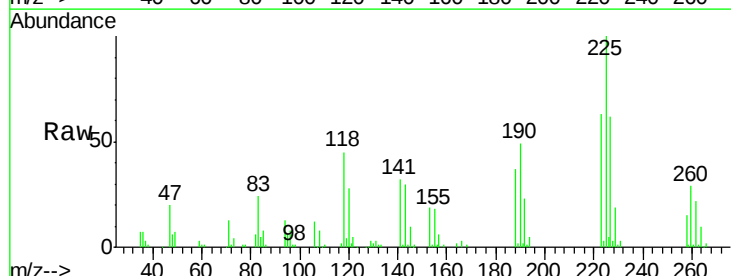
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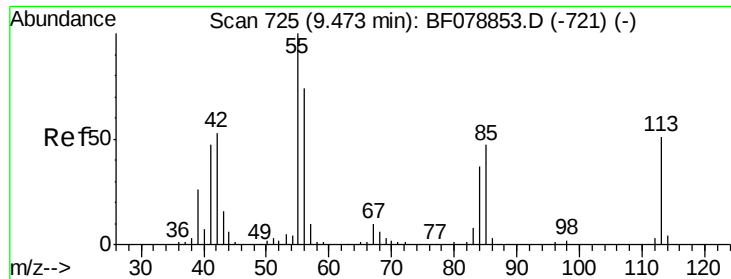
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#34
Hexachlorobutadiene
Concen: 33.46 ng
RT: 9.07 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	48.2	72.4		
227	61.6	51.4	77.0		





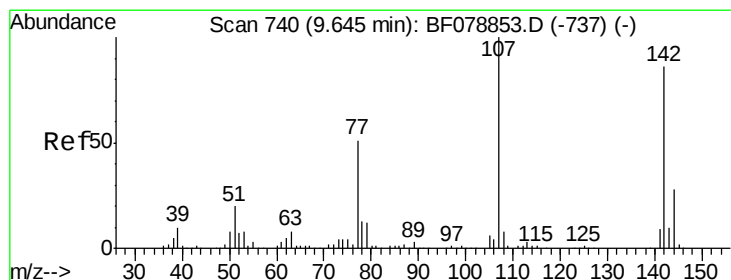
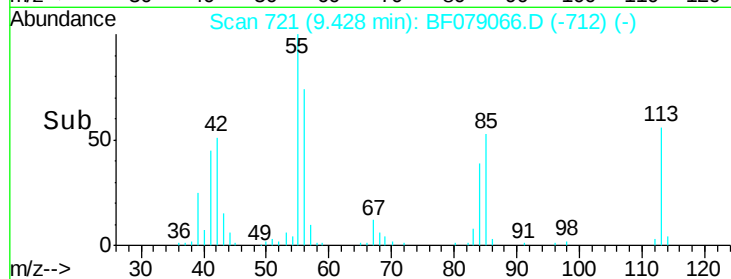
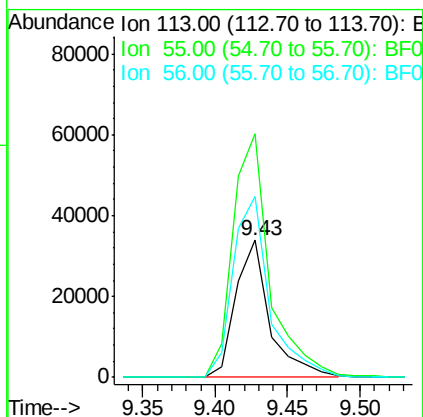
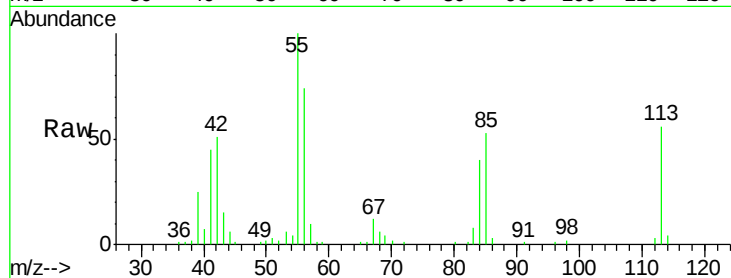
#35
 Caprolactam
 Concen: 39.71 ng
 RT: 9.43 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampled :
 PB83244BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.7	169.7	209.7
56	131.8	122.5	162.5

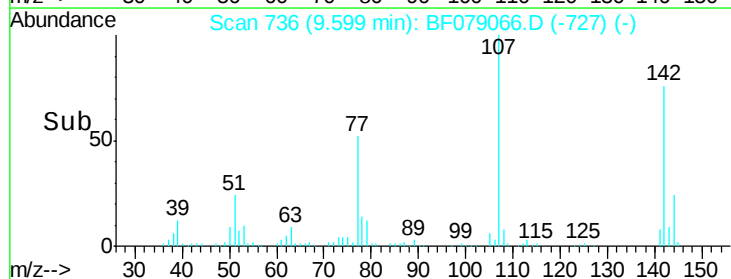
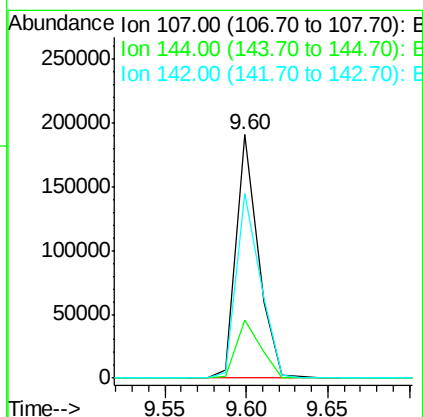
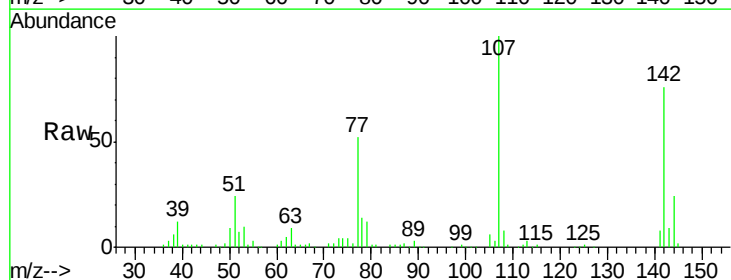
Manual Integrations
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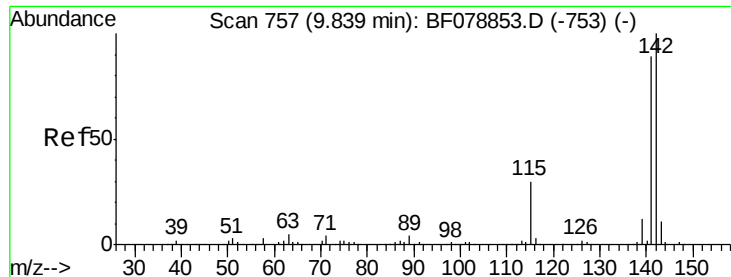
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#36
 4-Chloro-3-methylphenol
 Concen: 39.72 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.8	29.6
142	76.1	60.6	91.0





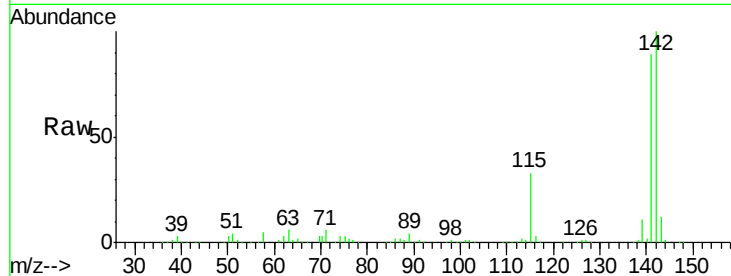
#37
2-Methylnaphthalene
Concen: 37.01 ng
RT: 9.78 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

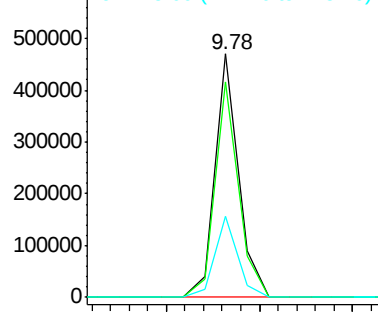
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	33.2	28.5	42.7

Manual Integrations
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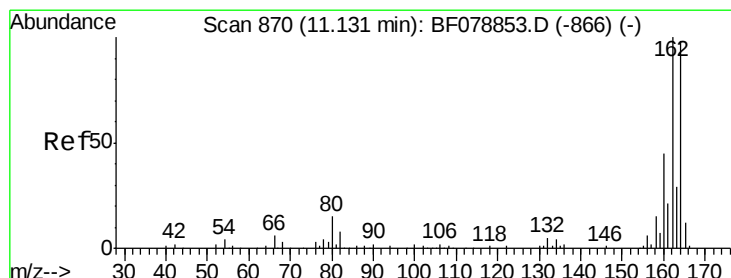
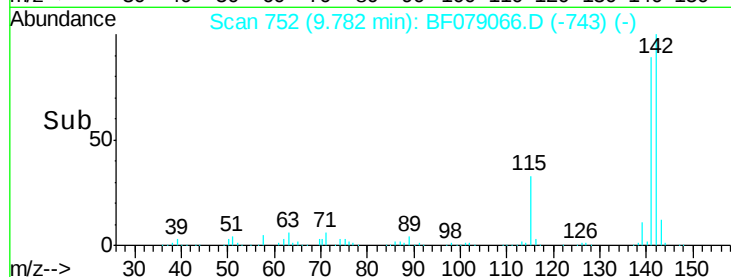
apatel
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

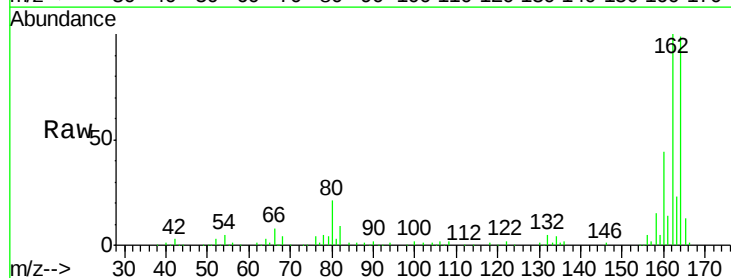


Time-->

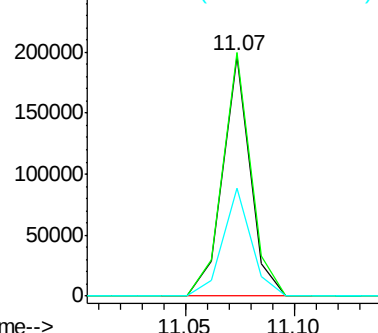


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

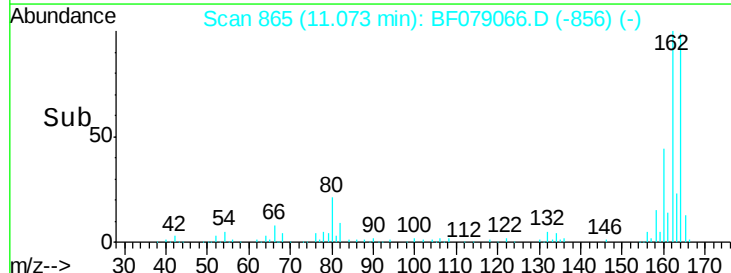
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.7	124.1
160	44.7	35.8	53.8

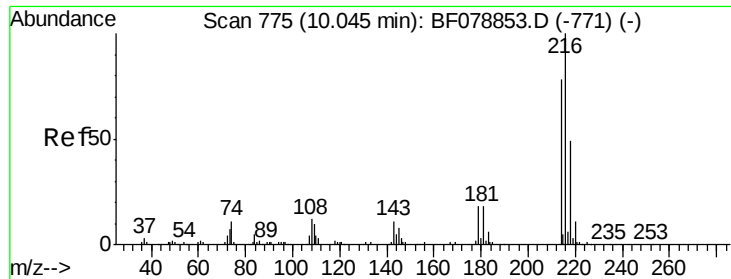


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.90 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

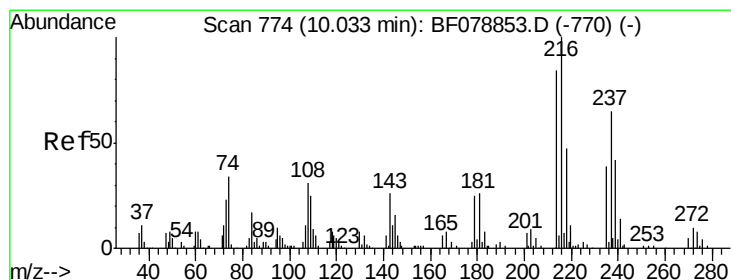
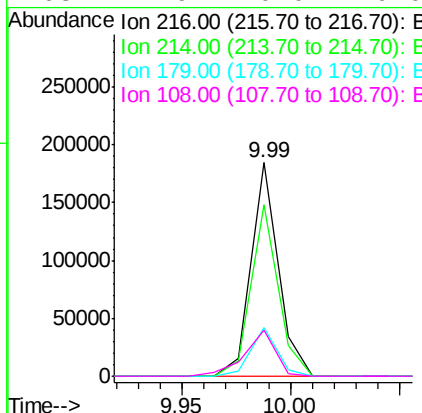
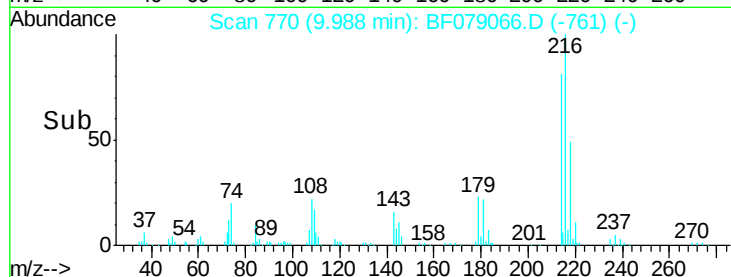
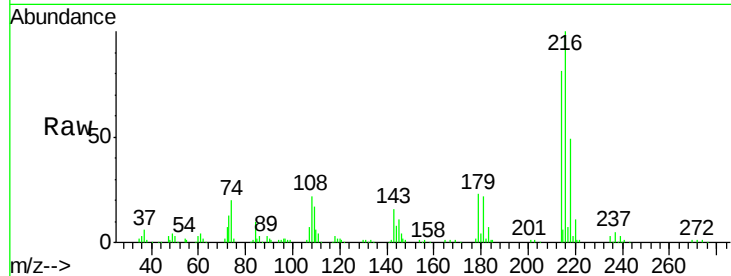
ClientSampleId :

PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.3	0.0	0.0#		
179	22.4	0.0	0.0#		
108	24.9	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 65.91 ng

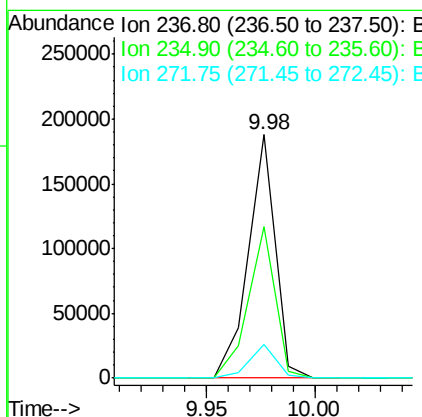
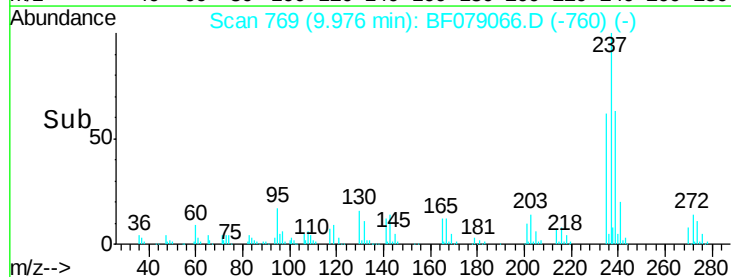
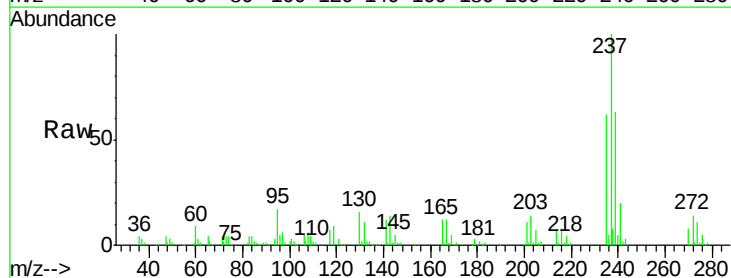
RT: 9.98 min Scan# 769

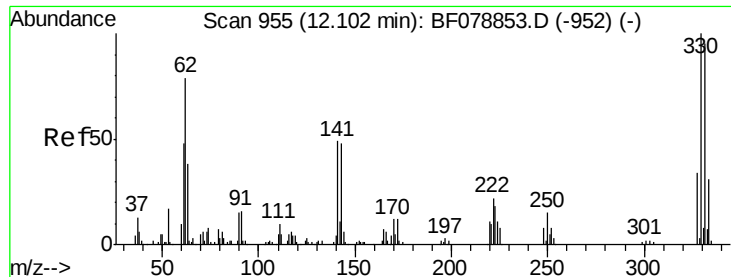
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	44.7	84.7		
272	13.8	0.0	32.6		





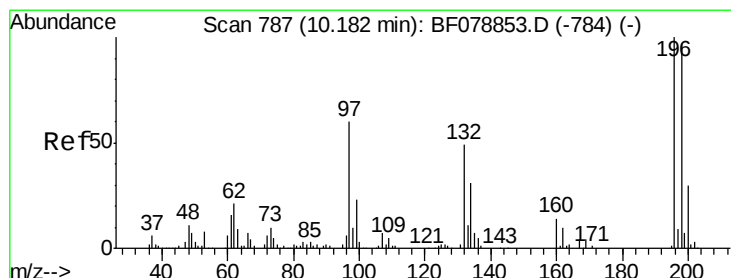
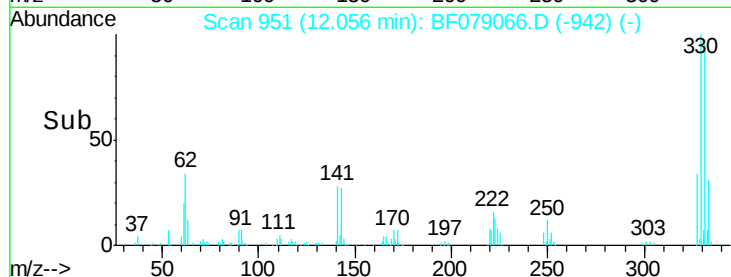
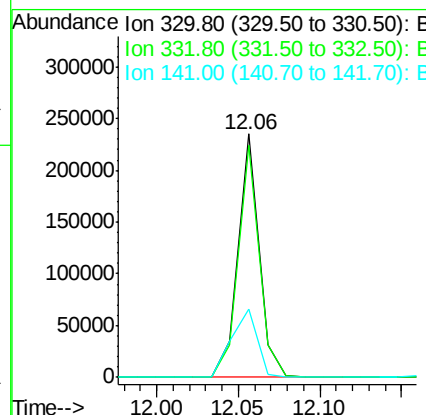
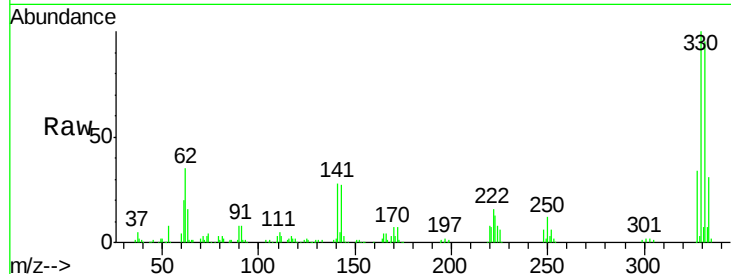
#41
 2,4,6-Tribromophenol
 Concen: 111.15 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	34.5	0.0	0.0#

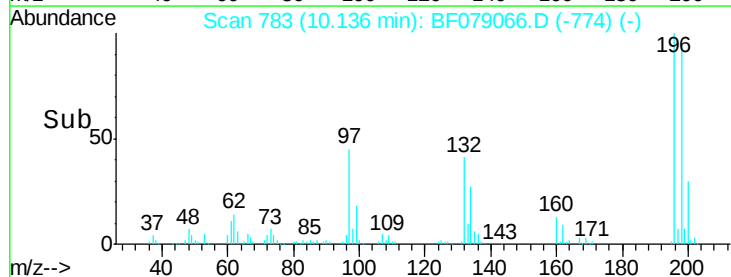
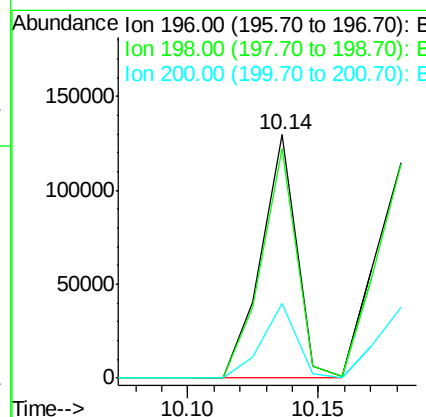
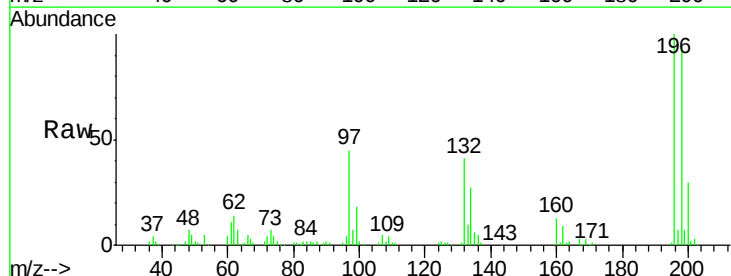
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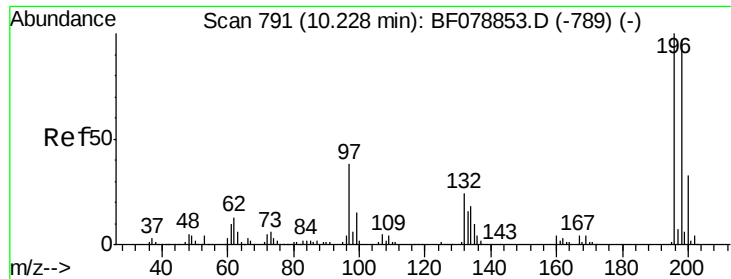
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#42
 2,4,6-Trichlorophenol
 Concen: 36.18 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.1	80.5	120.7
200	30.4	24.9	37.3





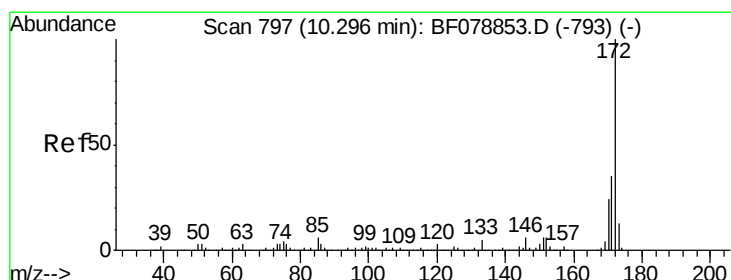
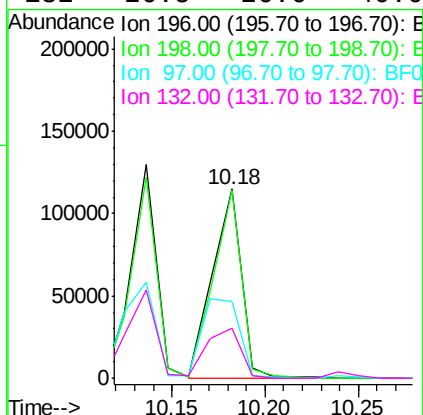
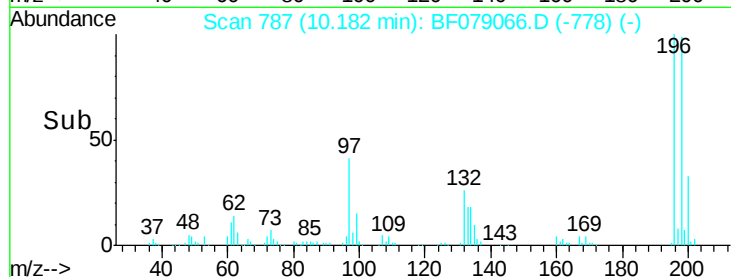
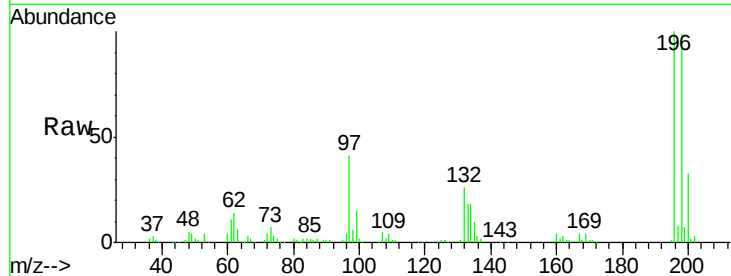
#43
 2,4,5-Trichlorophenol
 Concen: 36.39 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	123532		
198	99.5	79.8	119.6	
97	40.7	46.0	69.0	
132	26.5	26.6	40.0	

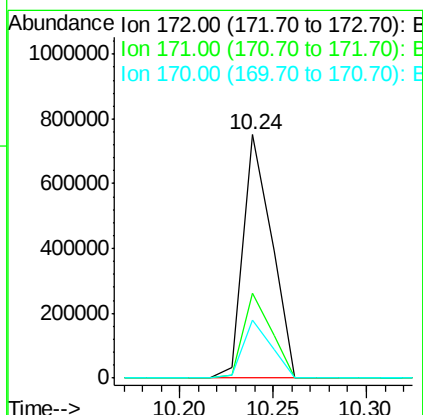
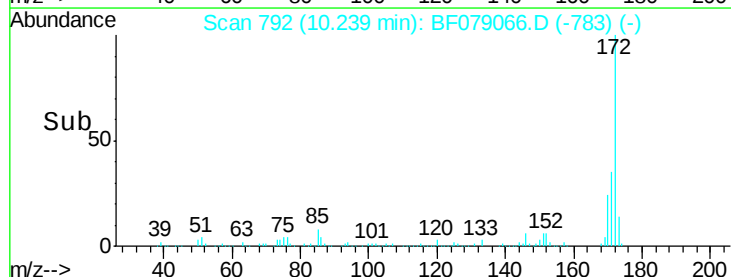
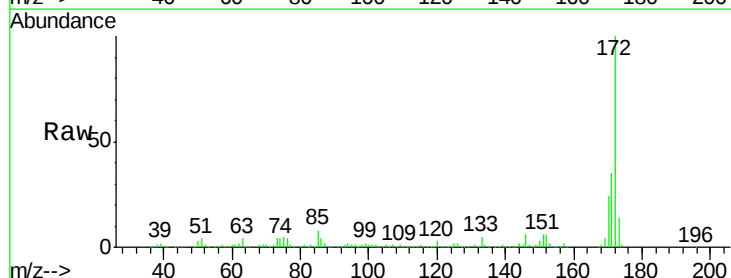
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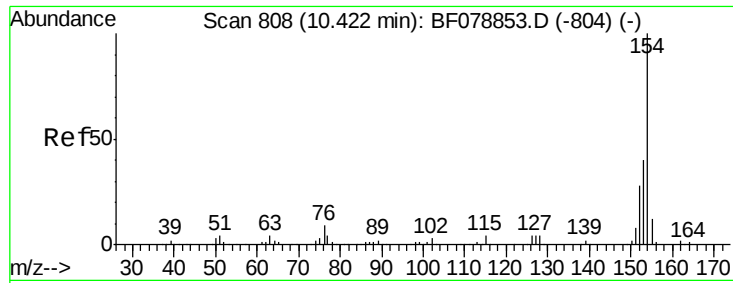
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#44
 2-Fluorobiphenyl
 Concen: 64.83 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	806870		
171	34.8	27.9	41.9	
170	24.0	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 35.38 ng

RT: 10.36 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

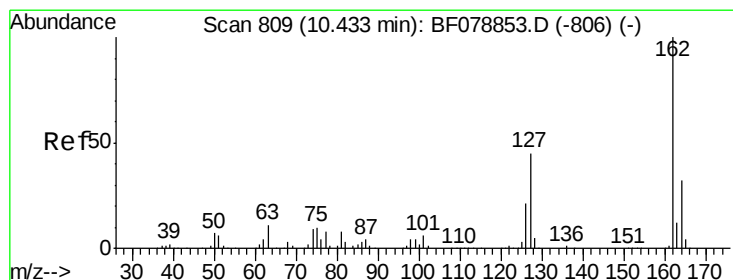
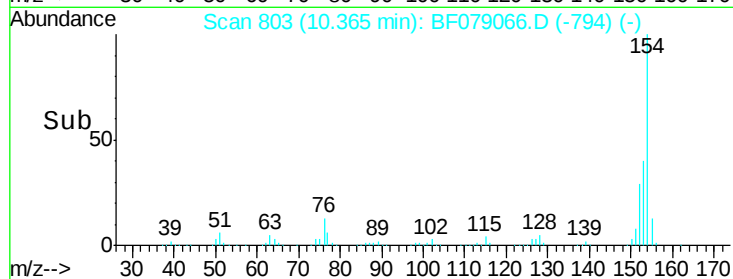
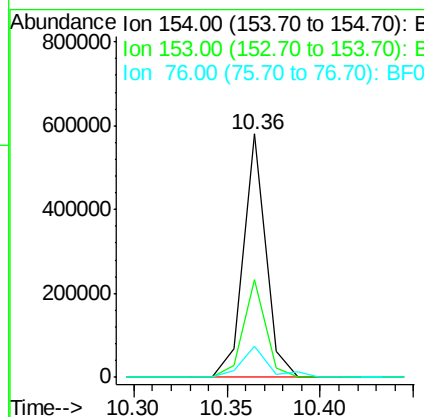
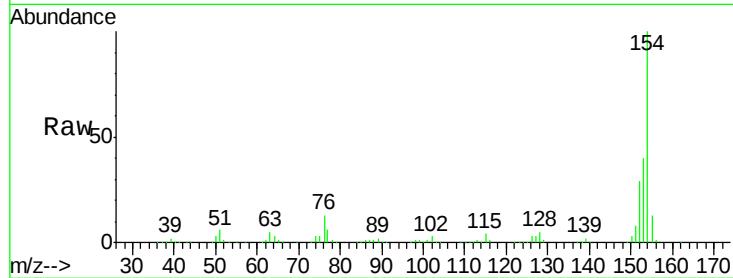
ClientSampleId :

PB83244BS

Tot Ion:	154	Resp:	487751
Ion Ratio	Lower	Upper	
154	100		
153	40.0	19.9	59.9
76	13.0	0.0	35.0

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#46

2-Chloronaphthalene

Concen: 35.31 ng

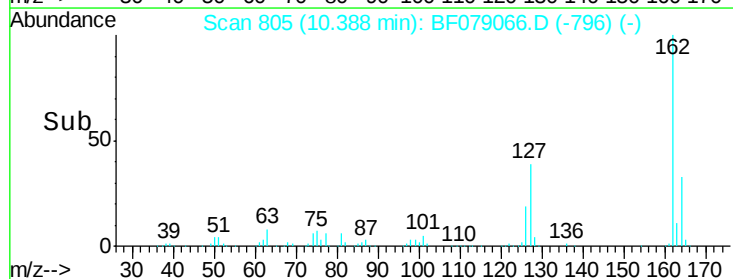
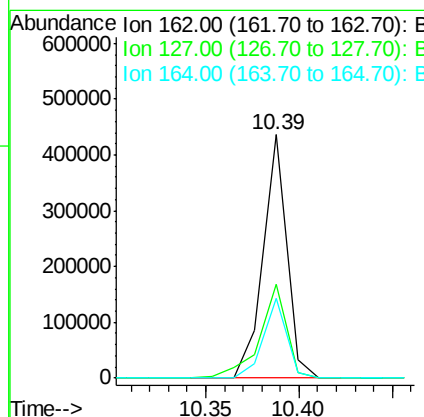
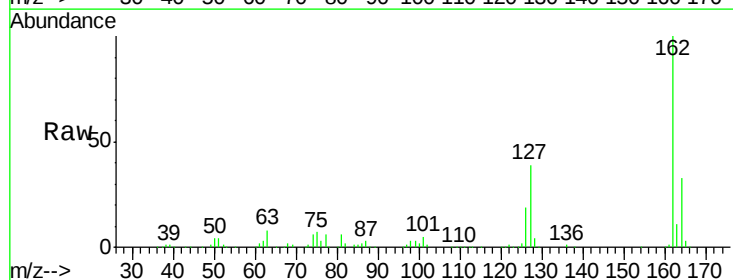
RT: 10.39 min Scan# 805

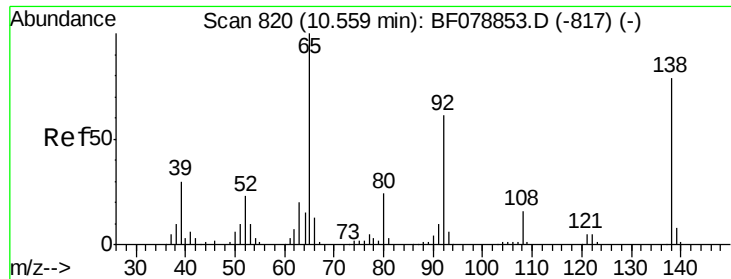
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	162	Resp:	379692
Ion Ratio	Lower	Upper	
162	100		
127	38.6	33.9	50.9
164	32.8	26.3	39.5





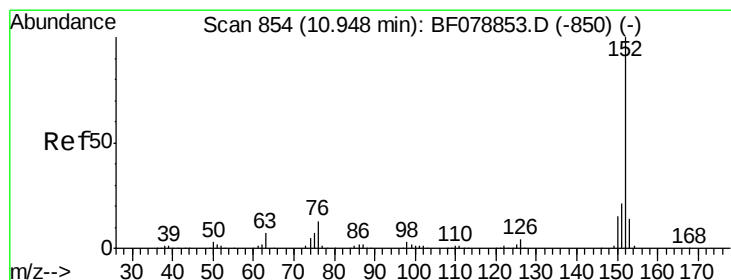
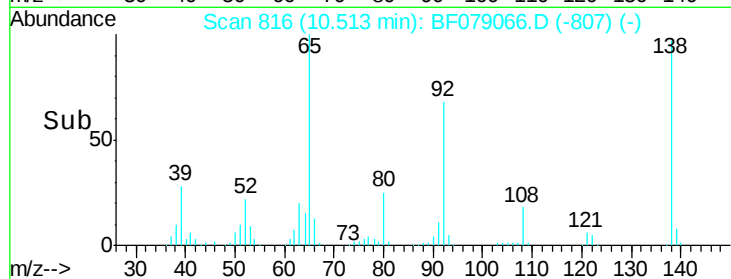
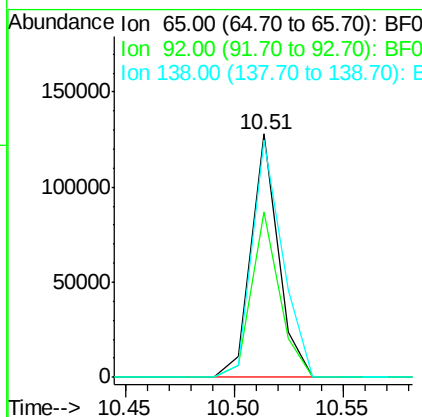
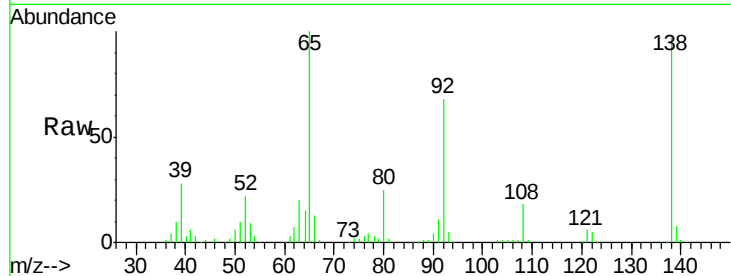
#47
 2-Nitroaniline
 Concen: 35.73 ng
 RT: 10.51 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.0	81.0
138	97.3	75.0	112.6

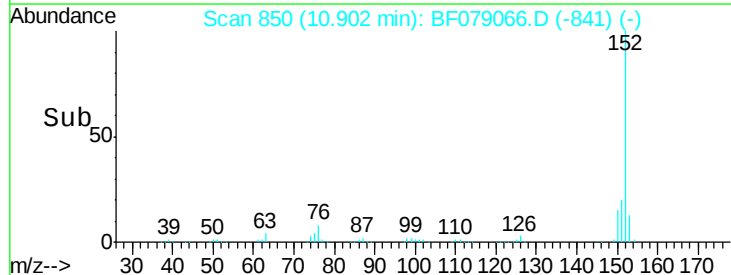
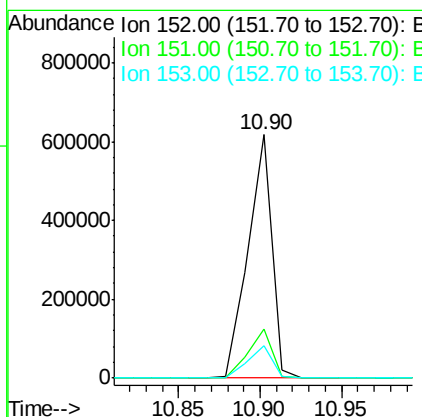
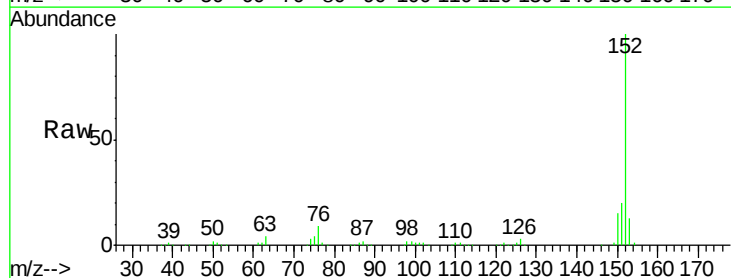
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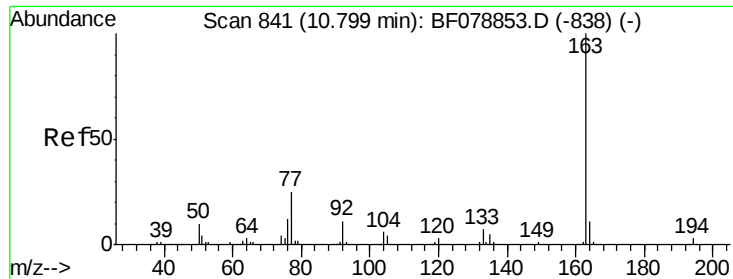
apatel
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#48
 Acenaphthylene
 Concen: 35.39 ng
 RT: 10.90 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	10.9	16.3





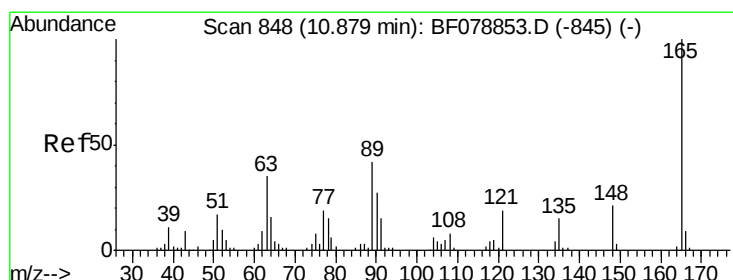
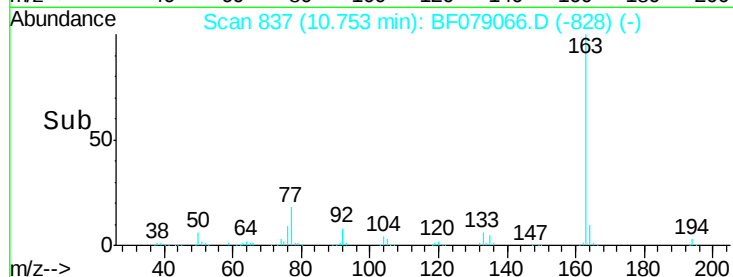
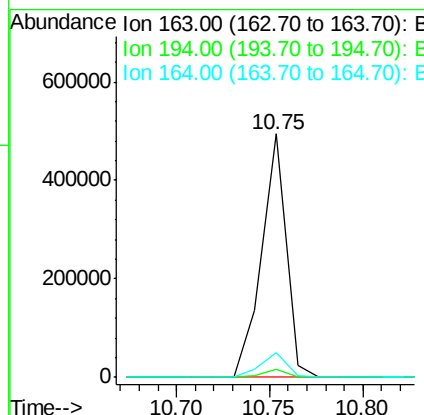
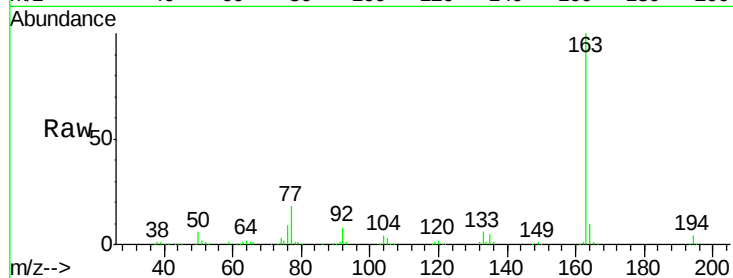
#49
Dimethylphthalate
Concen: 35.36 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.1	12.1

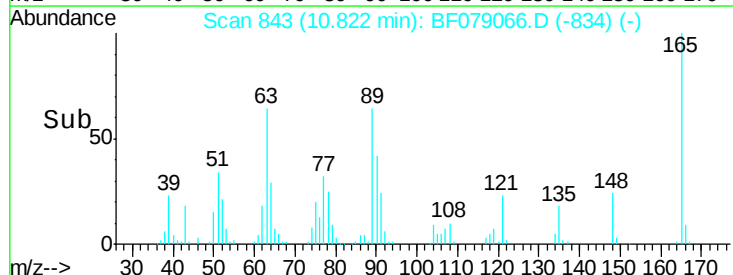
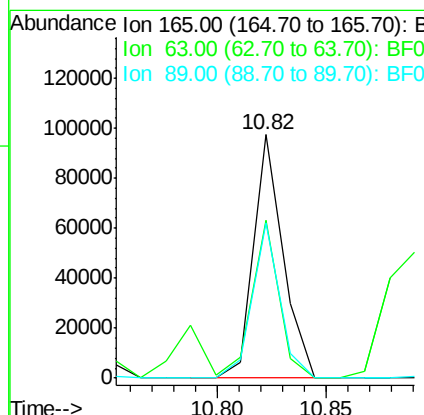
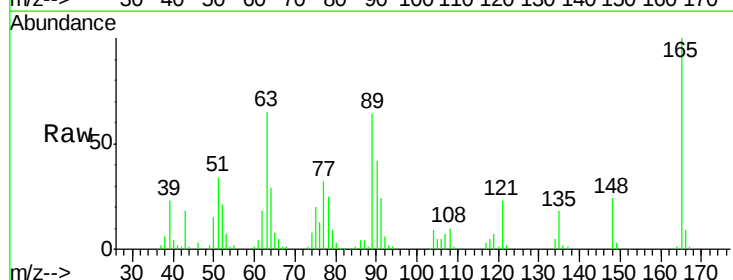
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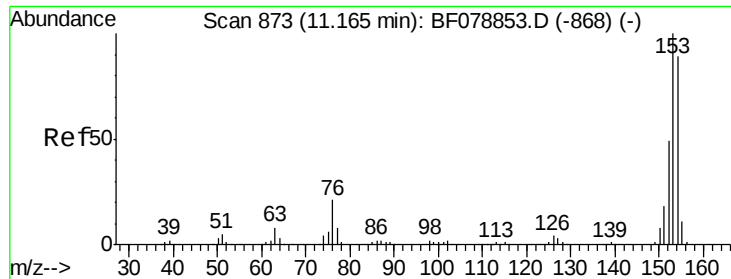
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#50
2,6-Dinitrotoluene
Concen: 36.60 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	65.0	54.4	81.6
89	63.8	55.7	83.5





#51

Acenaphthene

Concen: 33.33 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

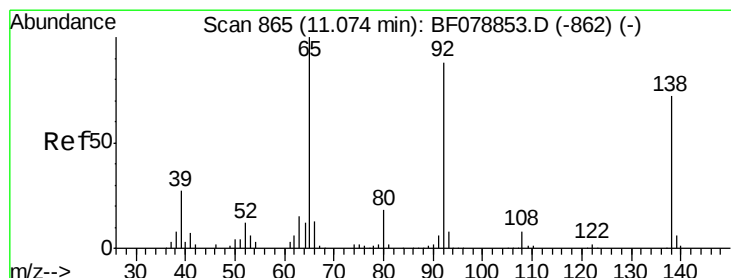
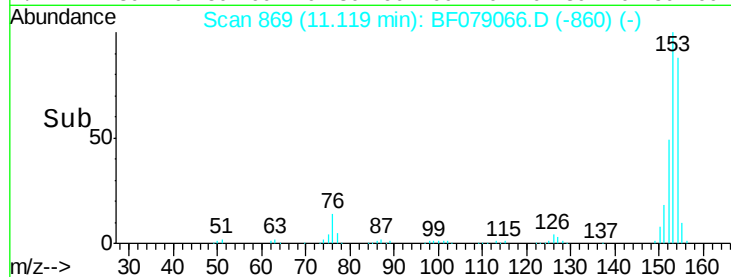
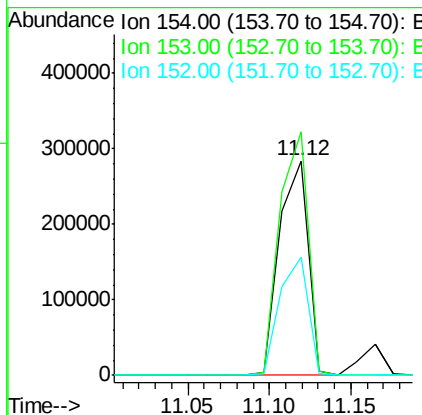
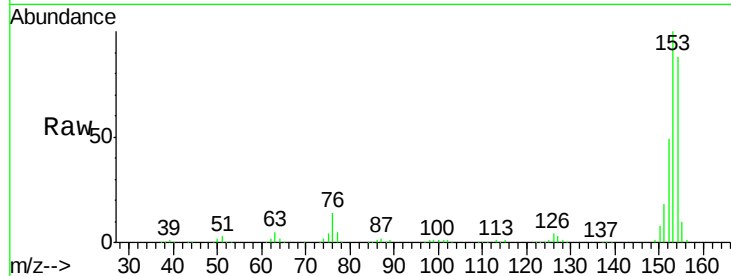
ClientSampleId :

PB83244BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.5	137.3
152	55.1	44.2	66.4

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#52

3-Nitroaniline

Concen: 27.33 ng

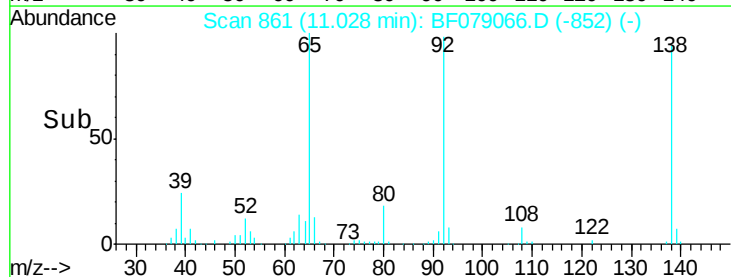
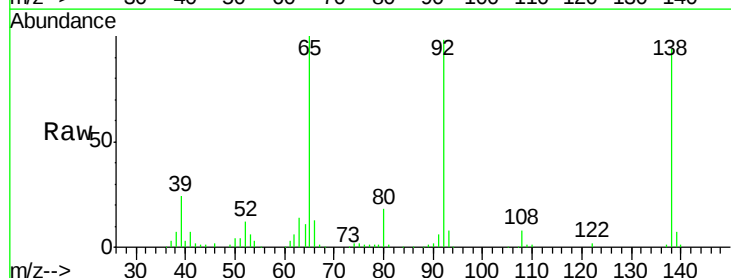
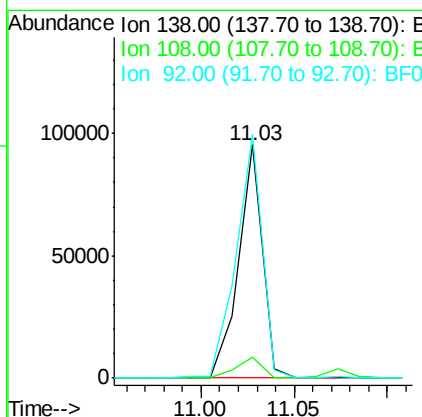
RT: 11.03 min Scan# 861

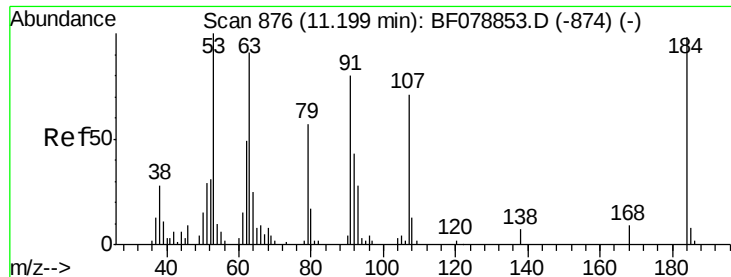
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	10.6	16.0#
92	104.6	81.8	122.6





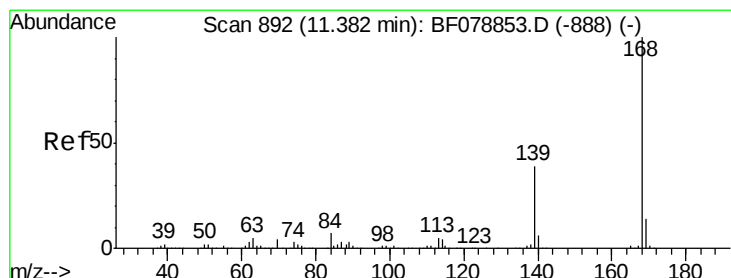
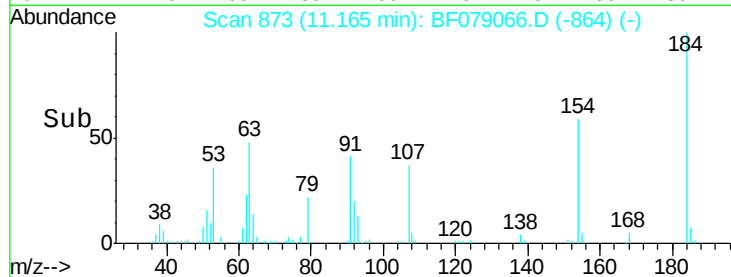
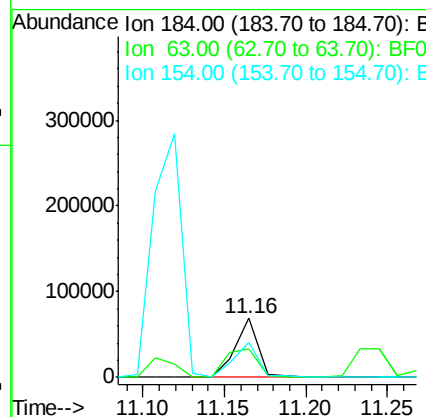
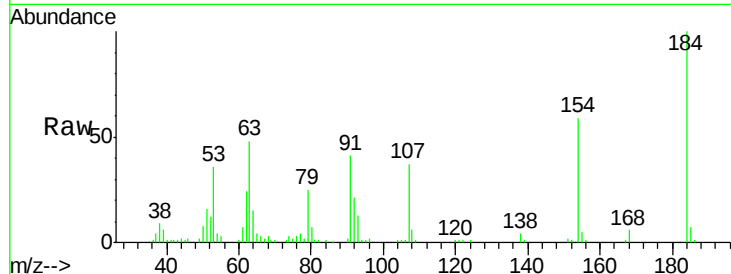
#53
2,4-Dinitrophenol
Concen: 69.14 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	66747		
63	47.6	63.3	94.9#	
154	59.0	53.8	80.6	

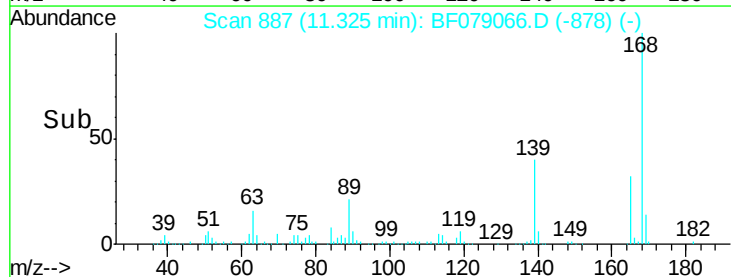
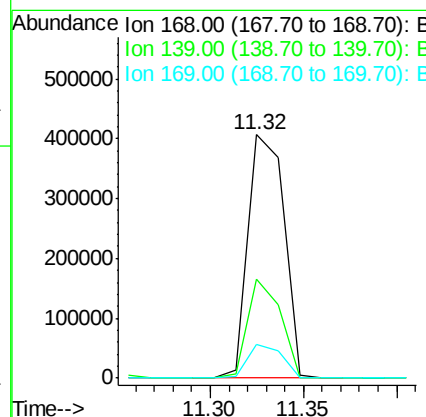
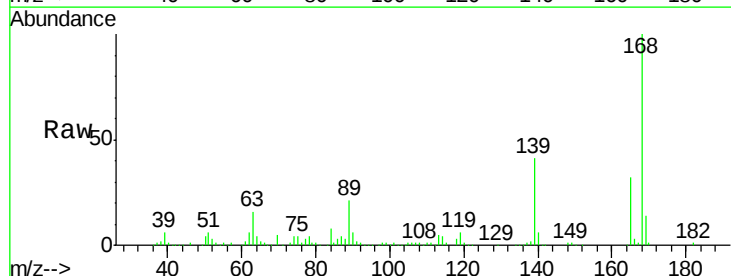
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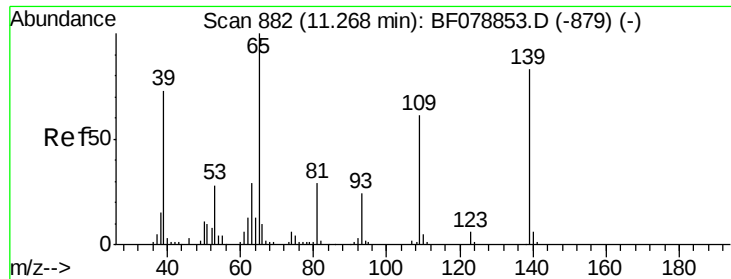
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#54
Dibenzofuran
Concen: 35.69 ng
RT: 11.32 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	542764		
139	40.8	31.0	46.4	
169	13.8	10.6	16.0	





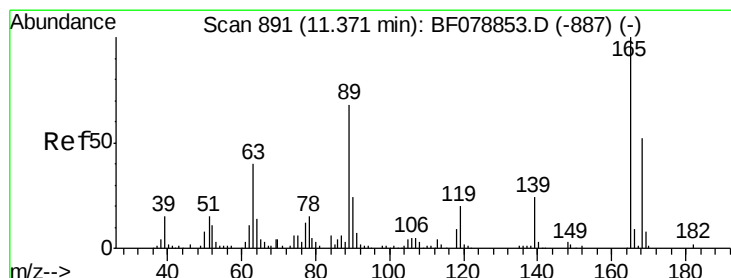
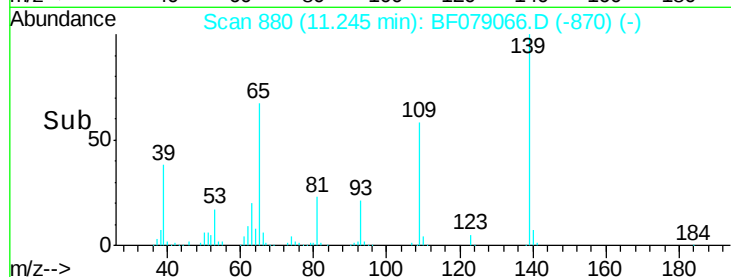
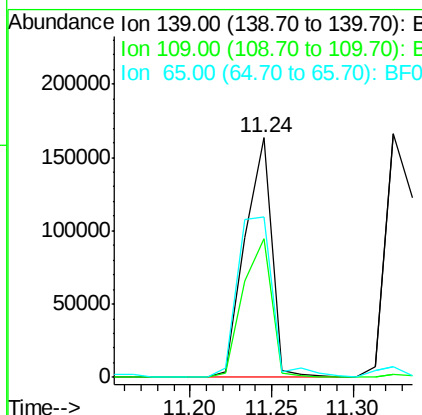
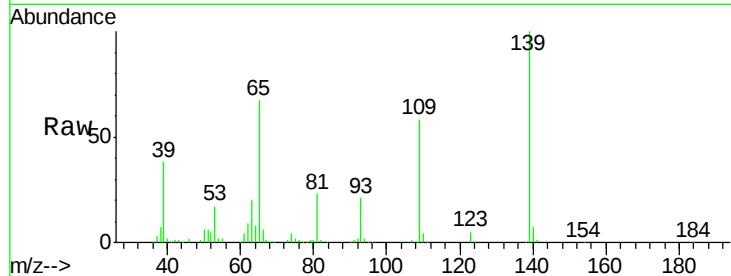
#55
4-Nitrophenol
Concen: 74.57 ng
RT: 11.24 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	58.2	47.6	87.6
65	66.9	54.3	94.3

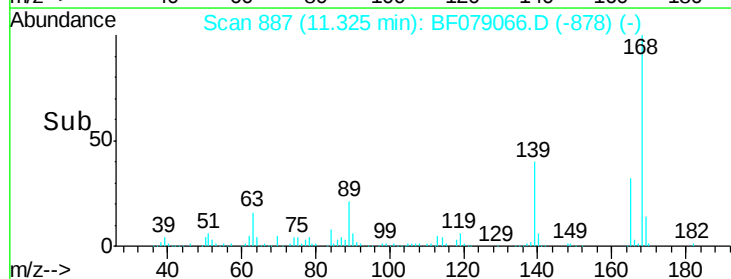
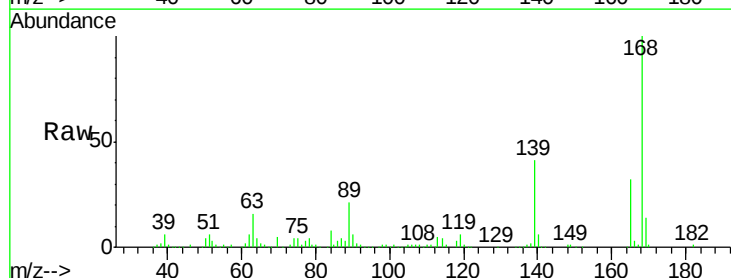
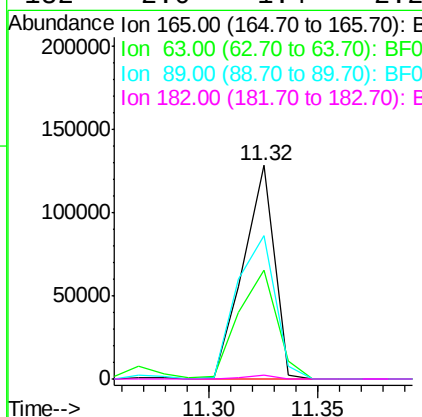
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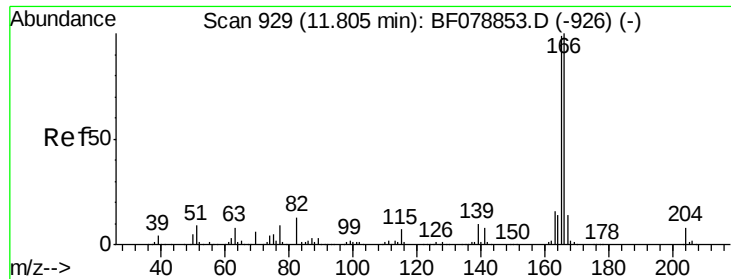
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#56
2,4-Dinitrotoluene
Concen: 38.71 ng
RT: 11.32 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.2	51.2	76.8#
89	67.1	82.7	124.1#
182	2.0	1.4	2.2





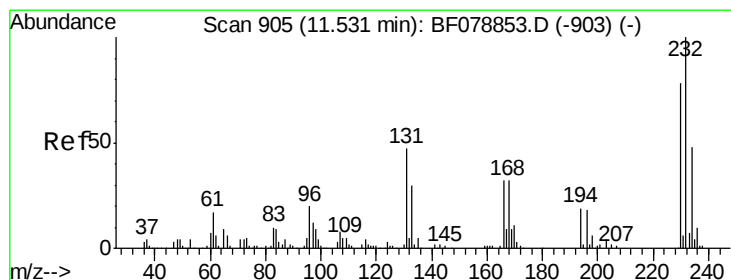
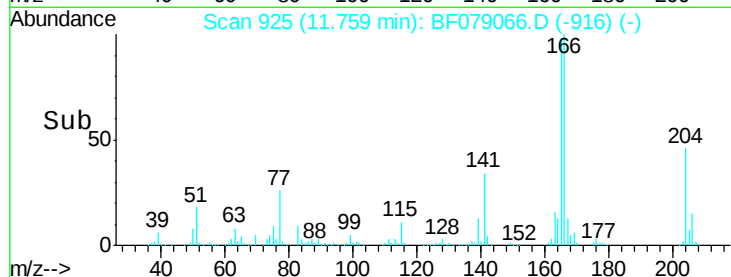
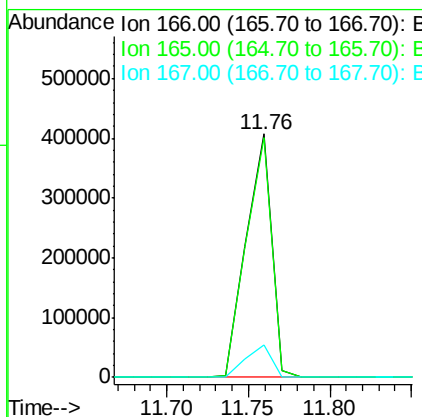
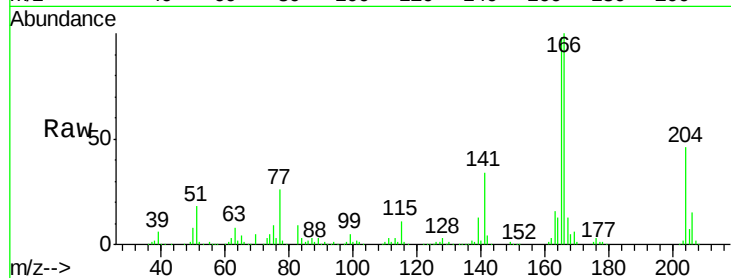
#57
 Fluorene
 Concen: 35.29 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.5	11.0	16.6

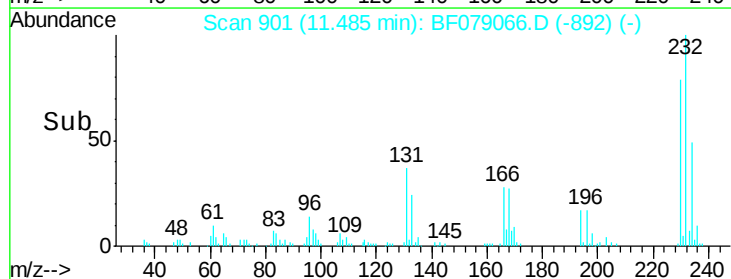
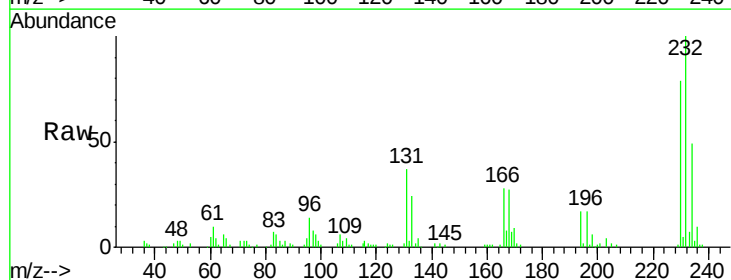
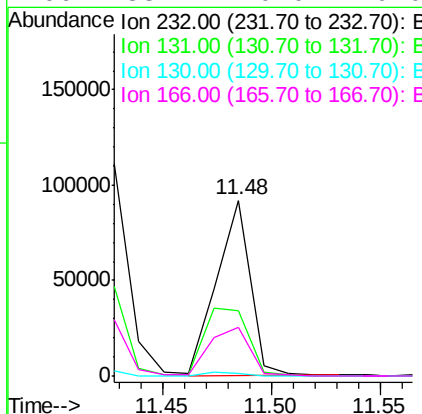
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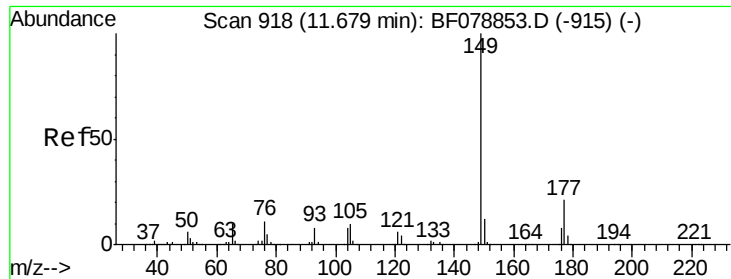
apatel
 5/12/2015 3:44:46 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.46 ng
 RT: 11.48 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	0.0	0.0#
130	2.3	0.0	0.0#
166	33.4	0.0	0.0#





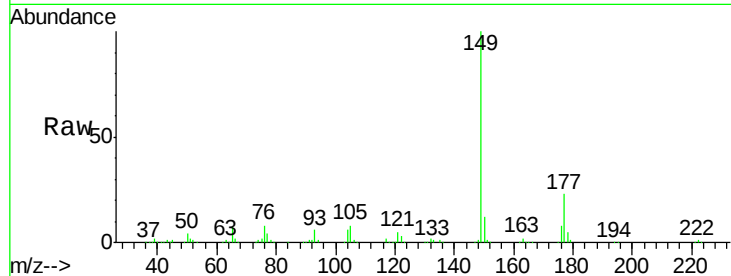
#59
Diethylphthalate
Concen: 34.78 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampled :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	438497		
177	23.1	17.5	26.3	
150	11.7	9.6	14.4	

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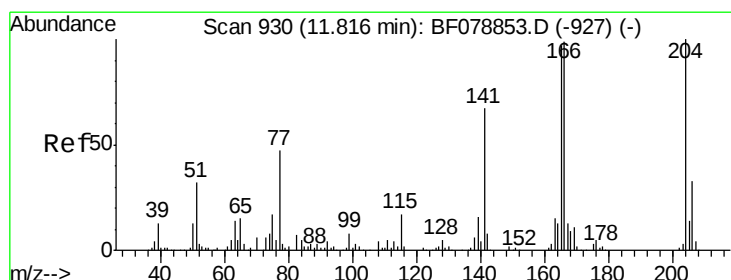
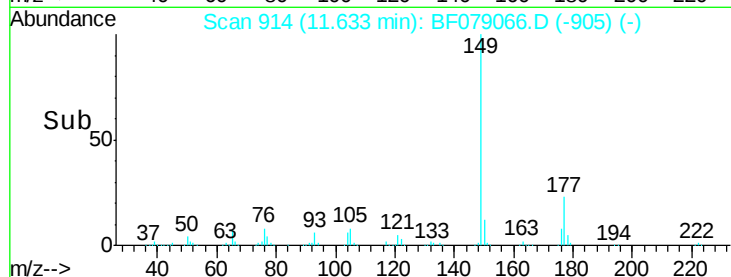
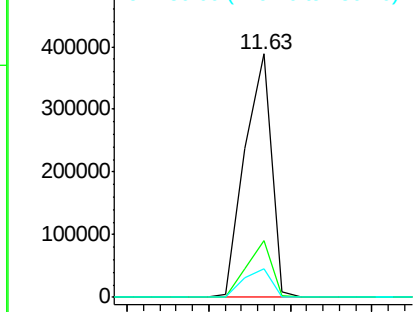


Abundance

Ion 149.00 (148.70 to 149.70): E

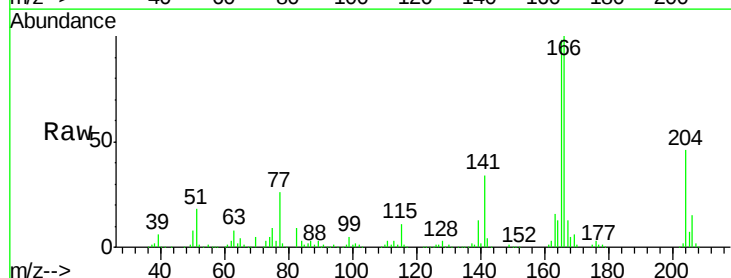
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 34.15 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	189123		
206	32.6	26.9	40.3	
141	73.1	48.3	72.5	

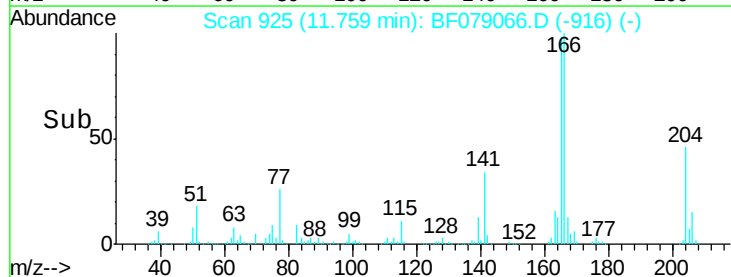
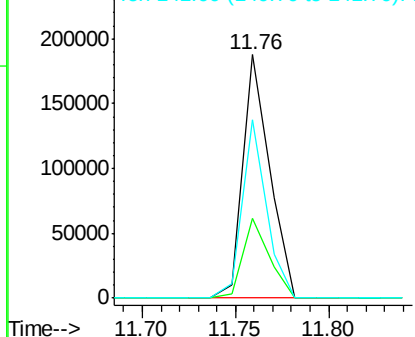


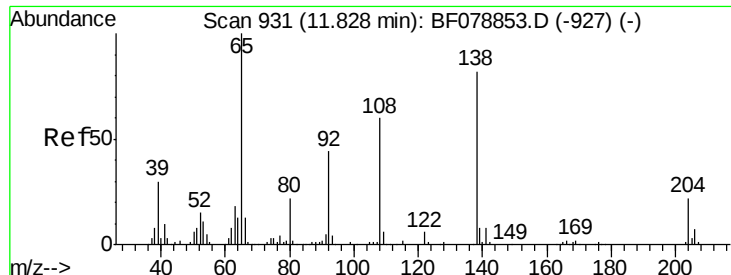
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





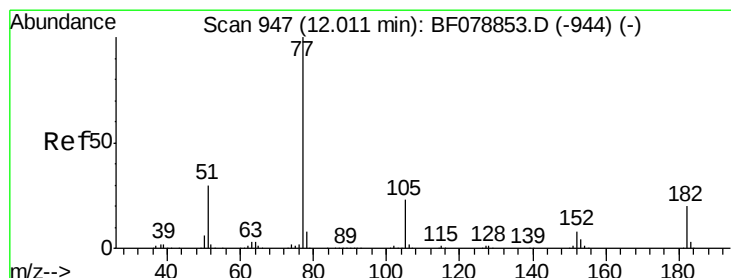
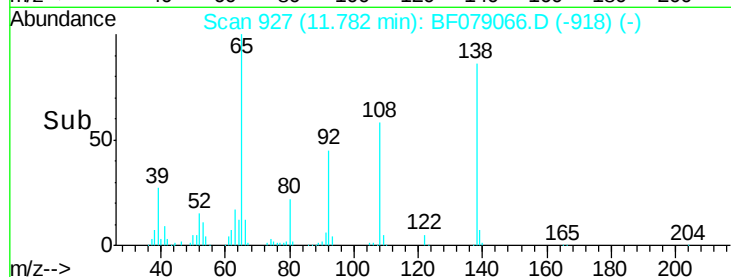
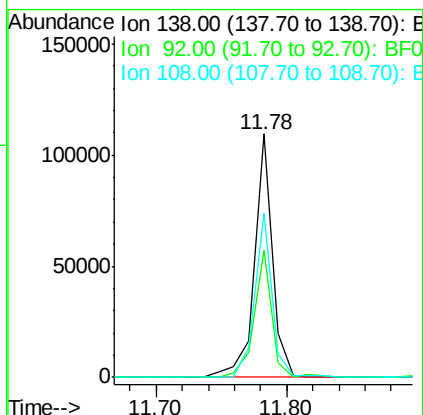
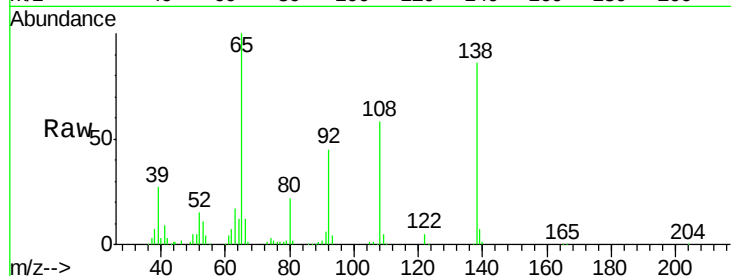
#61
4-Nitroaniline
Concen: 33.77 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampled :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	106004		
92	52.1	28.0	68.0	
108	67.7	56.3	96.3	

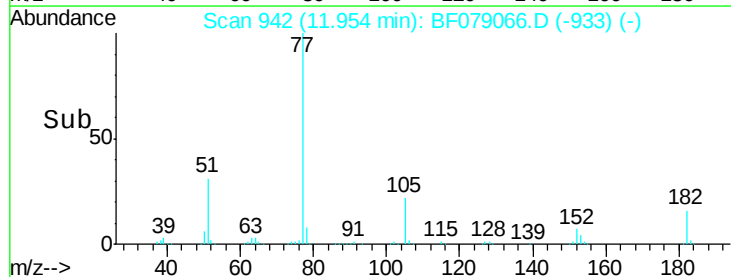
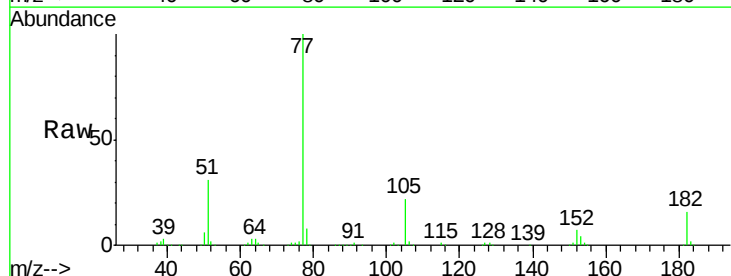
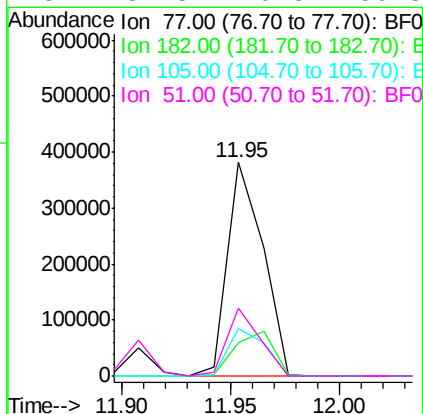
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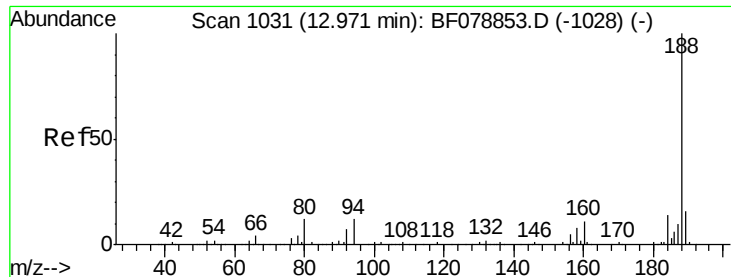
apatel
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#62
Azobenzene
Concen: 34.70 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	431053		
182	15.8	3.8	43.8	
105	22.0	3.9	43.9	
51	31.5	10.8	50.8	





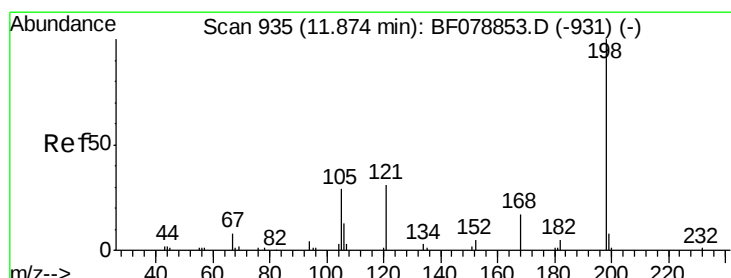
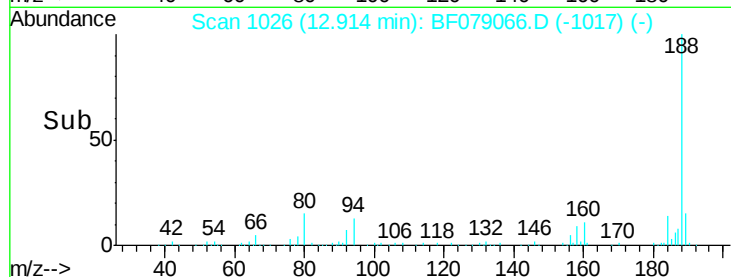
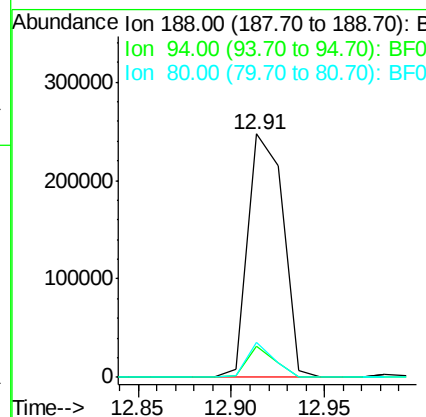
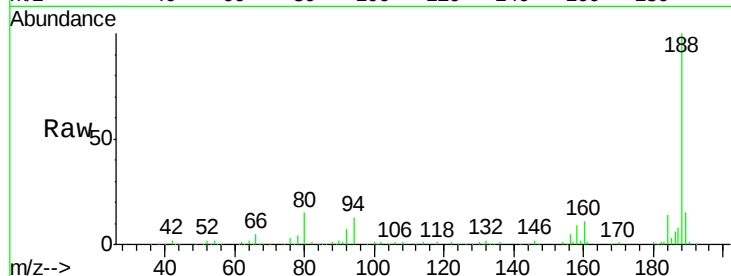
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.0	8.2	12.2#
80	14.6	8.9	13.3#

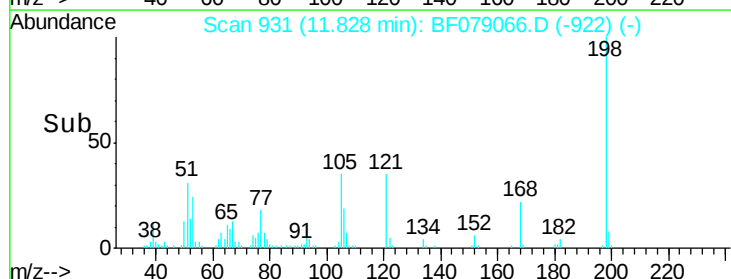
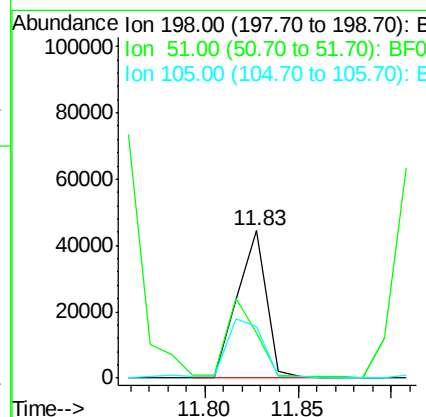
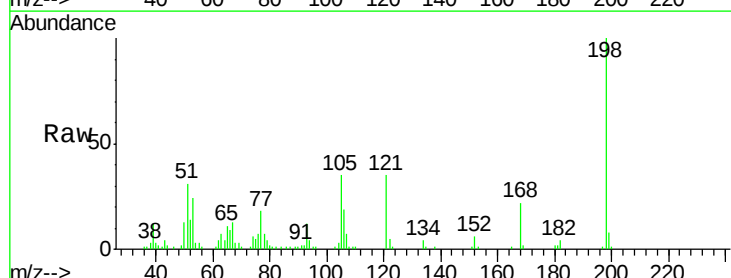
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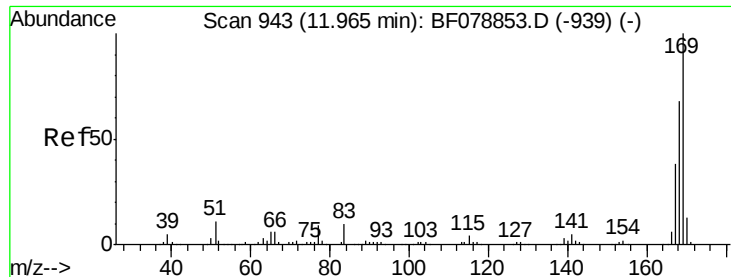
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.63 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.6	47.3	87.3#
105	34.9	38.8	78.8#





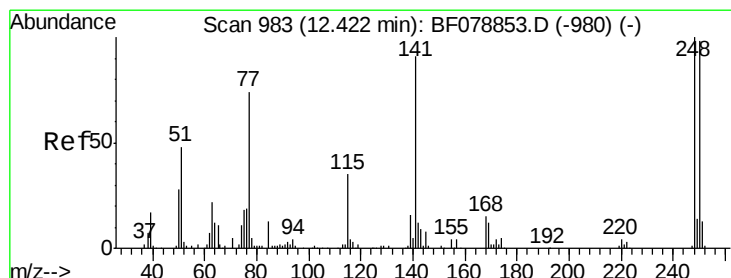
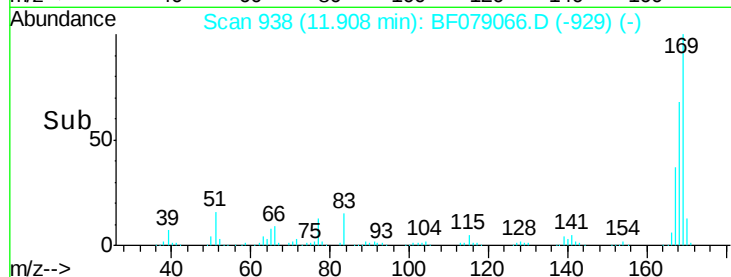
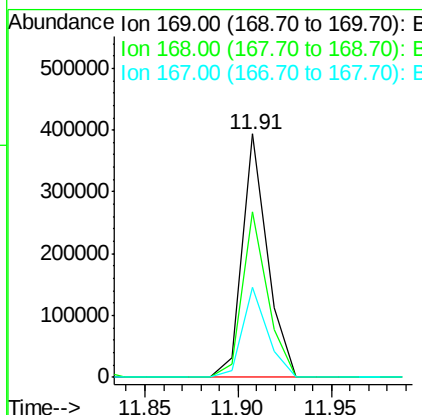
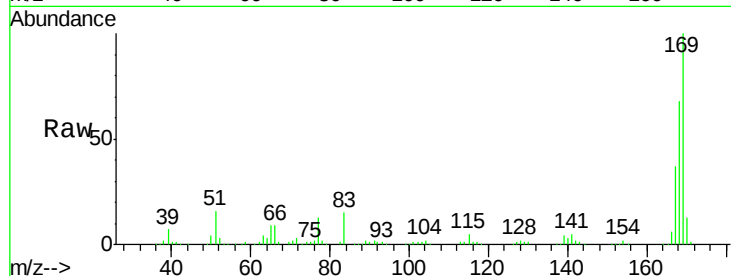
#65
n-Nitrosodiphenylamine
Concen: 33.92 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampled :
PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	370153		
168	67.7	54.6	82.0	
167	37.0	30.6	45.8	

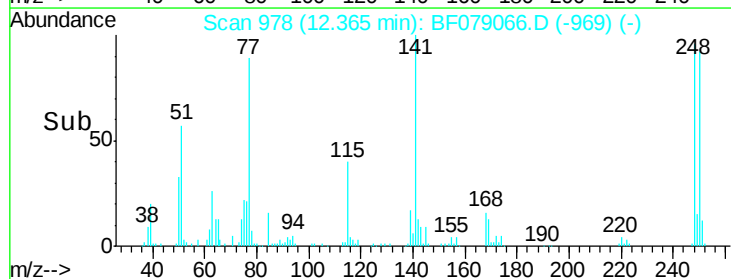
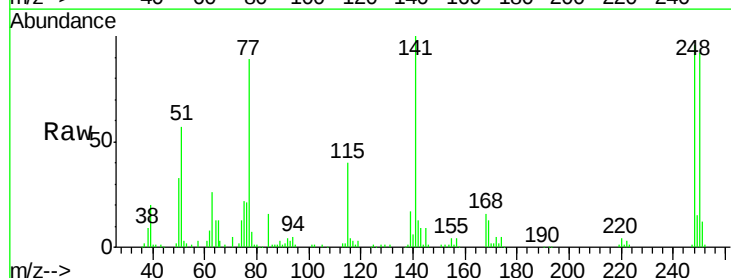
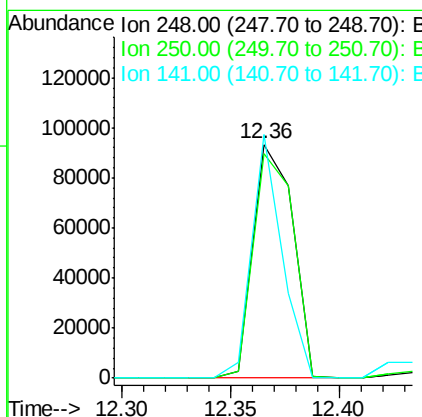
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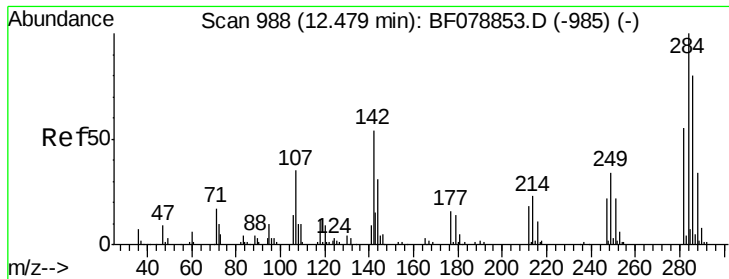
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#66
4-Bromophenyl-phenylether
Concen: 34.95 ng
RT: 12.36 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	119393		
250	96.1	77.1	115.7	
141	104.2	58.8	88.2	





#67

Hexachlorobenzene

Concen: 35.53 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

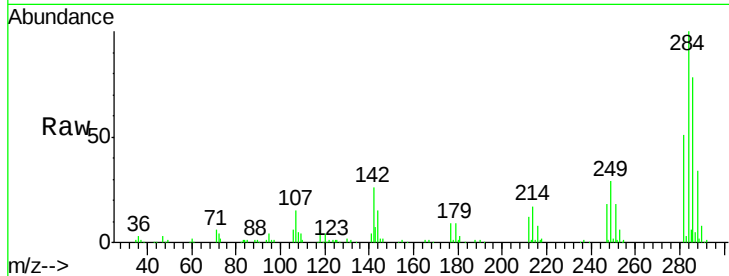
ClientSampleId :

PB83244BS

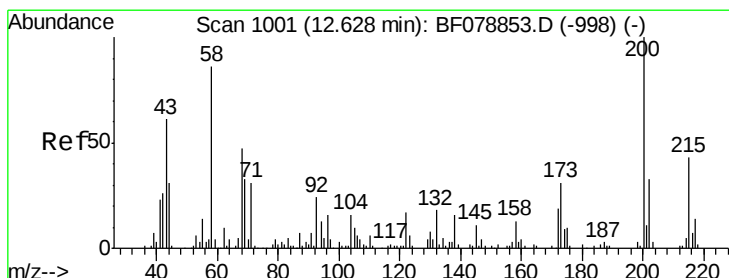
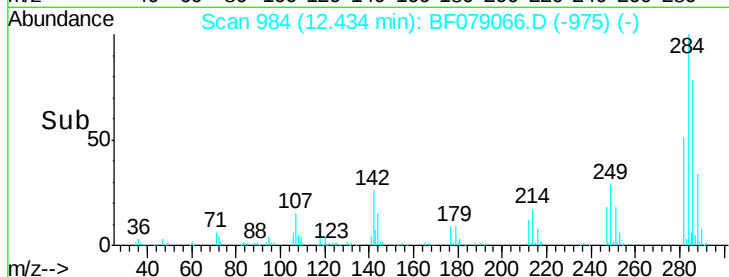
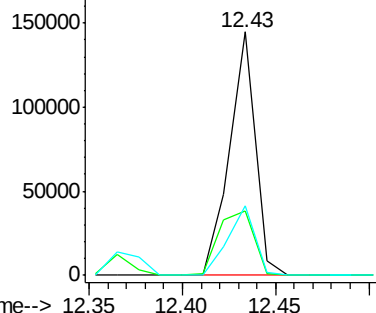
Tot Ion:	284	Resp:	138715
Ion Ratio		Lower	Upper
284	100		
142	26.3	35.2	52.8#
249	28.7	25.4	38.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.41 ng

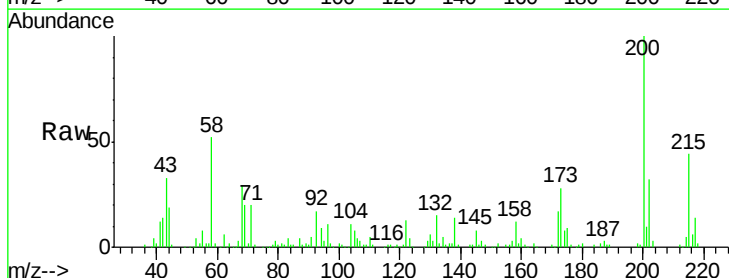
RT: 12.58 min Scan# 997

Delta R.T. -0.00 min

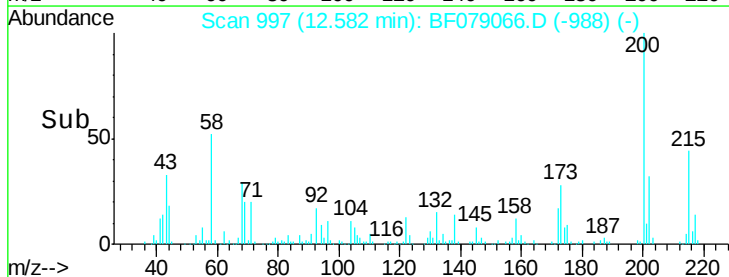
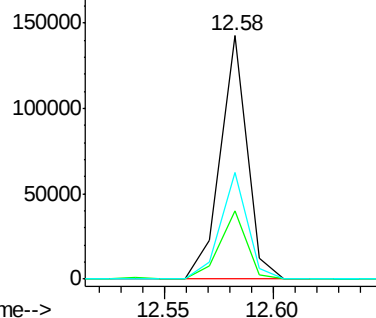
Lab File: BF079066.D

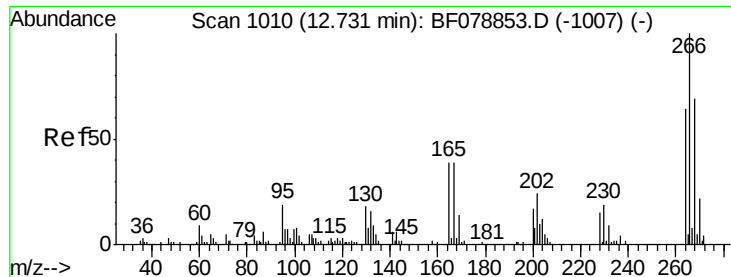
Acq: 9 May 2015 6:38

Tgt Ion:	200	Resp:	121912
Ion Ratio		Lower	Upper
200	100		
173	28.3	8.1	48.1
215	44.1	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





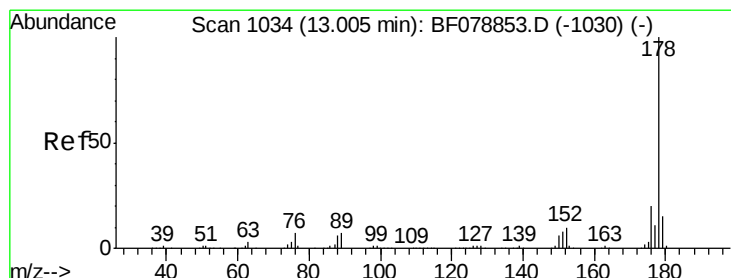
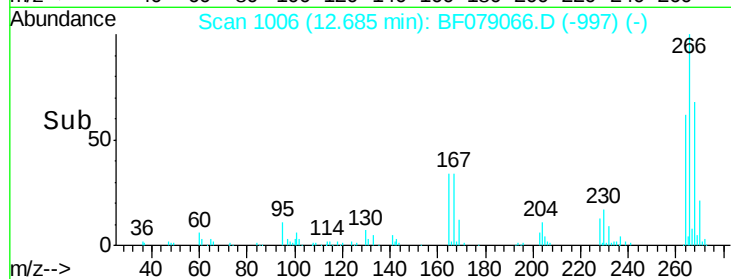
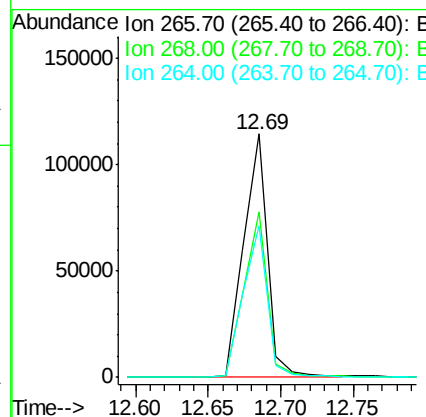
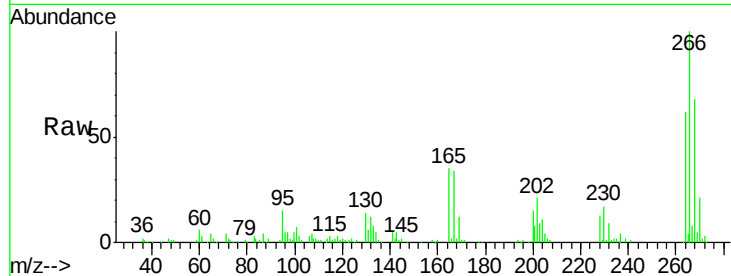
#69
 Pentachlorophenol
 Concen: 59.21 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	130809		
268	68.2	55.0	82.6	
264	62.2	48.2	72.2	

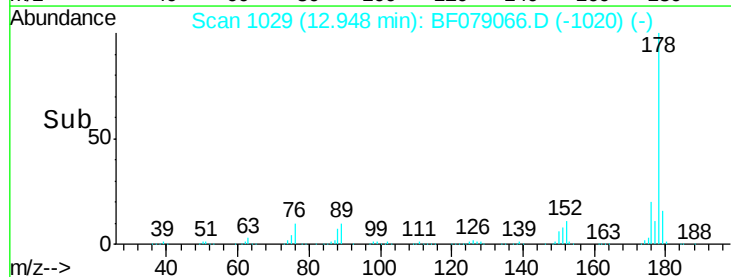
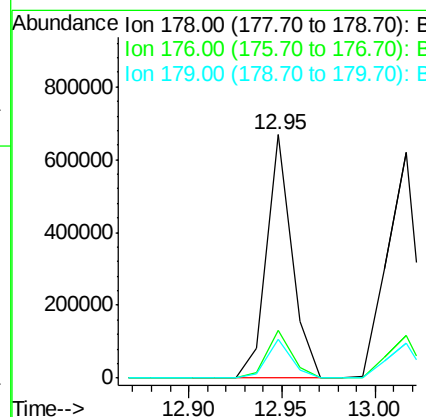
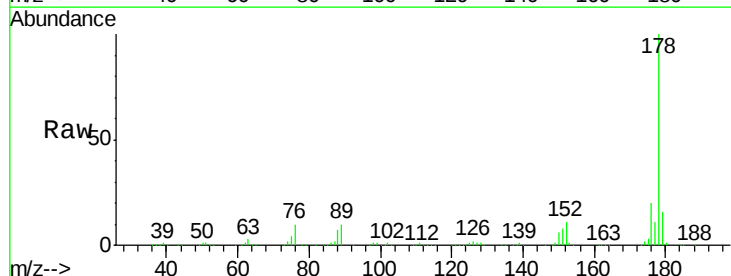
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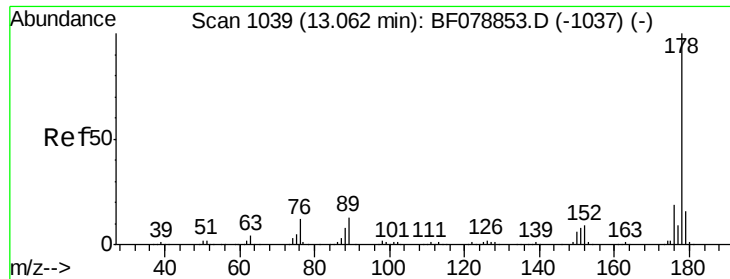
apatel
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#70
 Phenanthrene
 Concen: 34.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	623411		
176	19.8	15.8	23.8	
179	16.0	12.5	18.7	





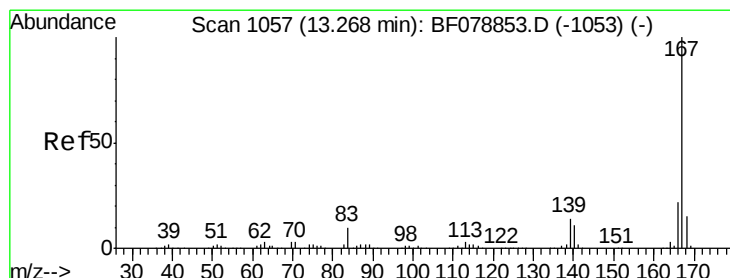
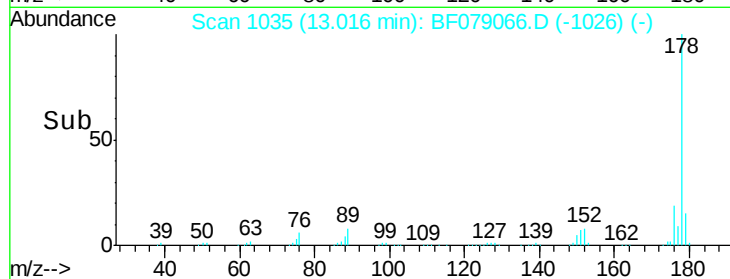
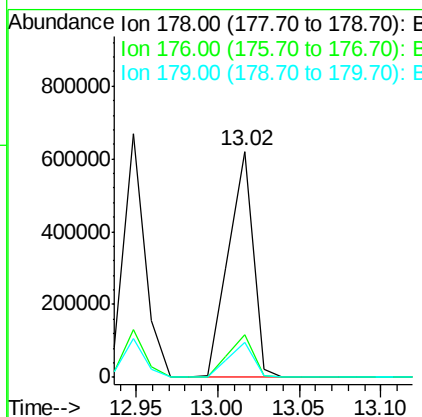
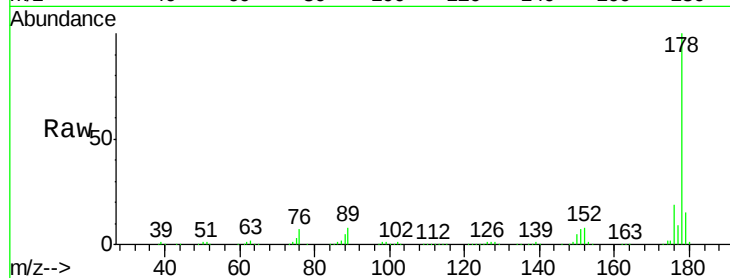
#71
 Anthracene
 Concen: 36.26 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.7	19.1

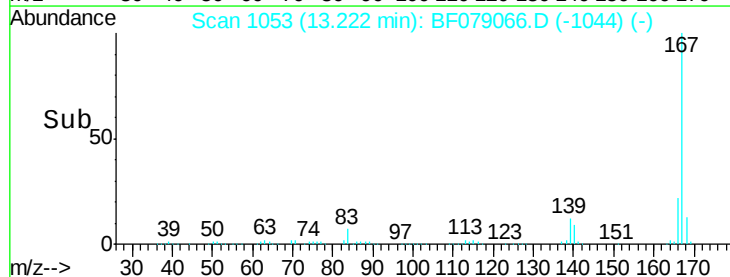
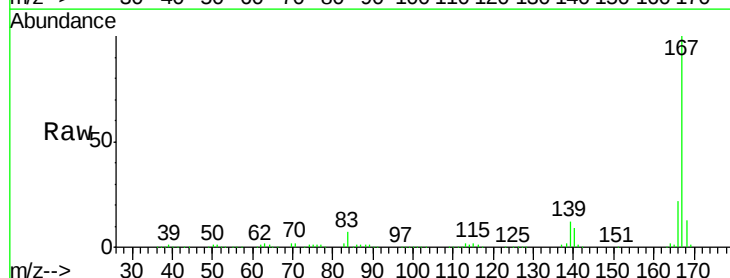
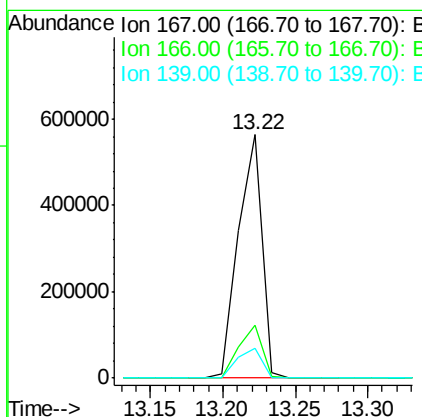
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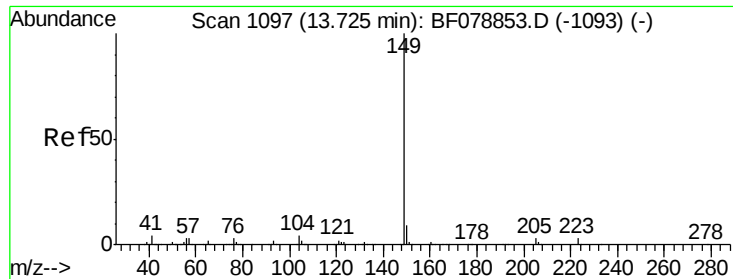
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#72
 Carbazole
 Concen: 37.20 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.2	10.6	16.0





#73

Di-n-butylphthalate

Concen: 35.58 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

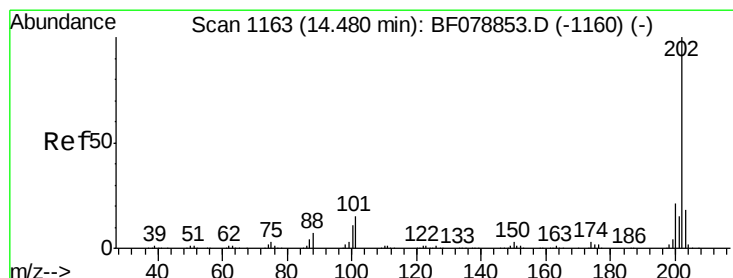
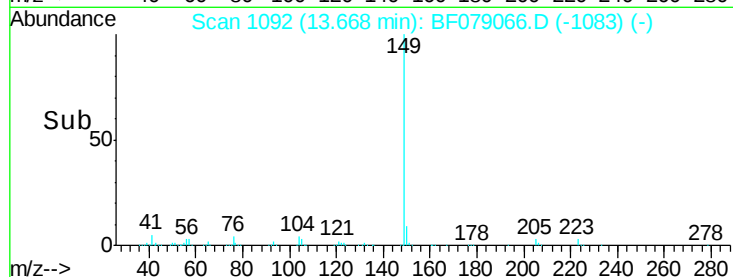
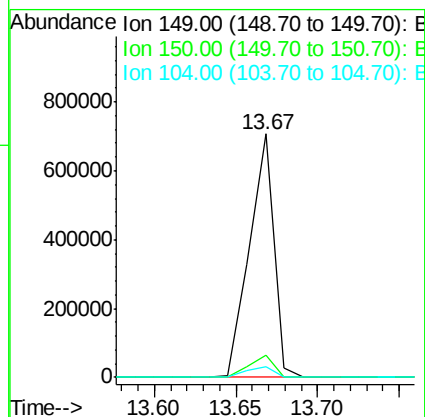
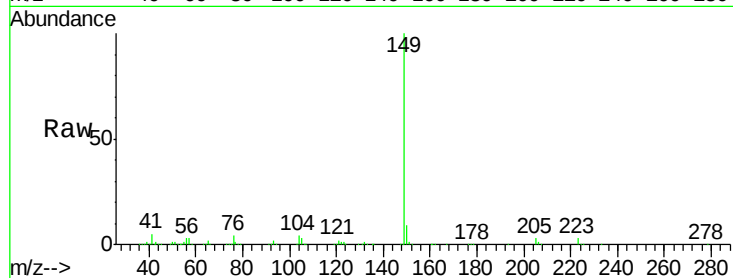
ClientSampleId :

PB83244BS

Tot Ion:	149	Resp:	731378
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.2	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 35.10 ng

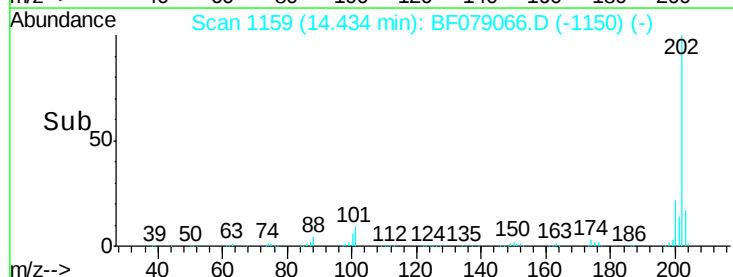
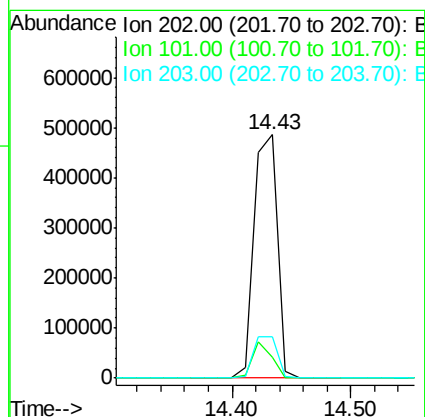
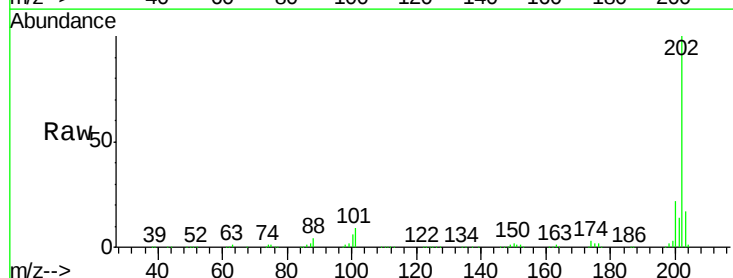
RT: 14.43 min Scan# 1159

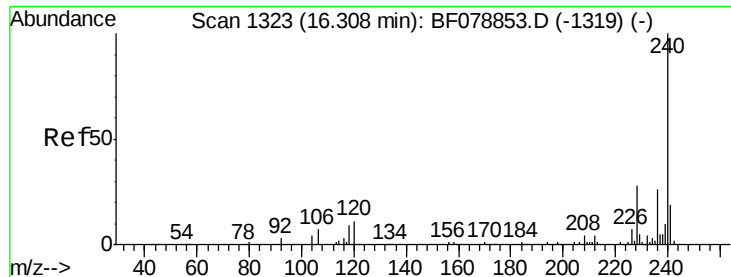
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	202	Resp:	670559
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	34.6
203	17.2	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.22 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

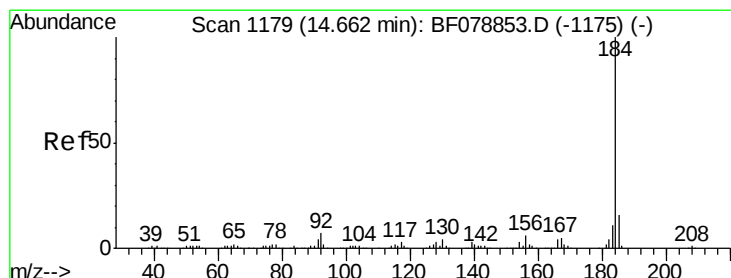
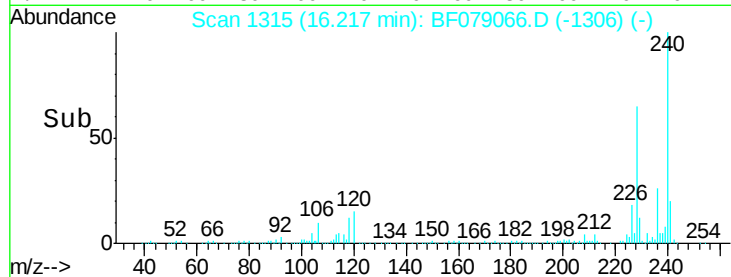
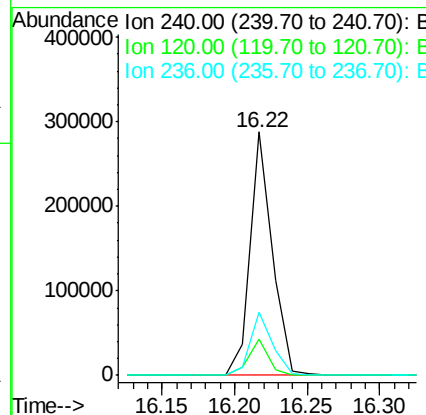
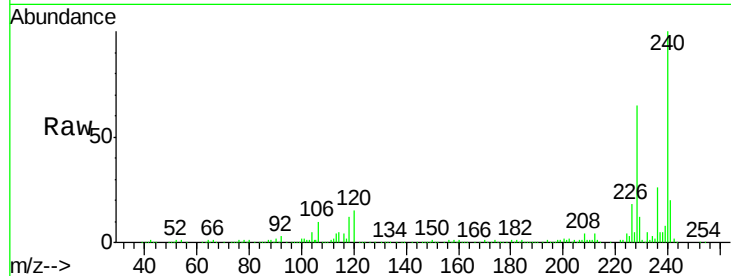
ClientSampleId :

PB83244BS

Tot Ion:	240	Resp:	304991
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.7	14.5#
236	25.9	20.2	30.4

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#76

Benzidine

Concen: 42.53 ng

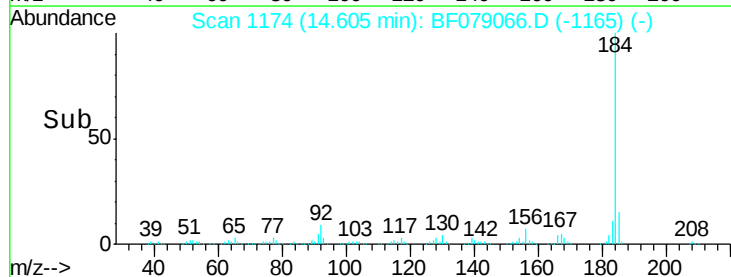
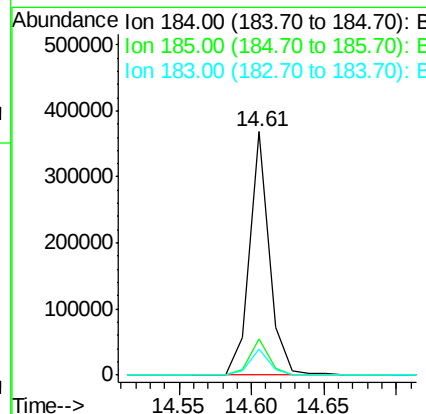
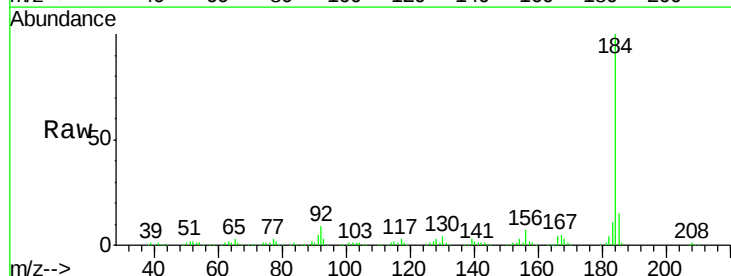
RT: 14.61 min Scan# 1174

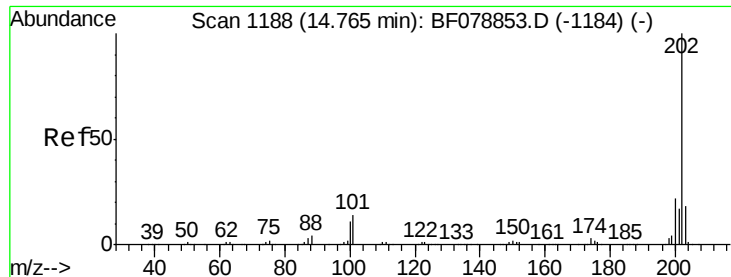
Delta R.T. -0.00 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	184	Resp:	349601
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.3	18.5
183	10.9	8.4	12.6





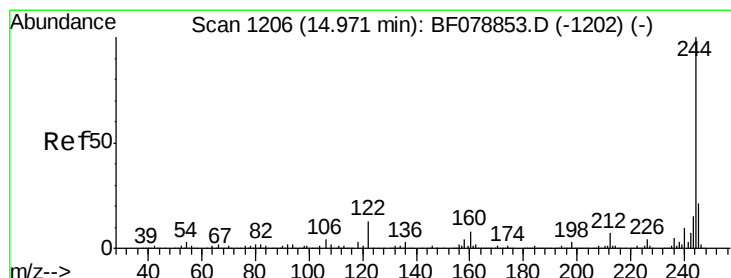
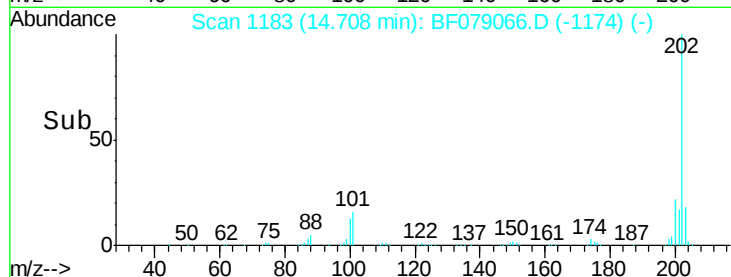
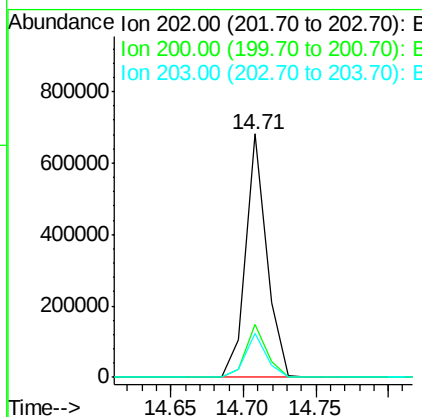
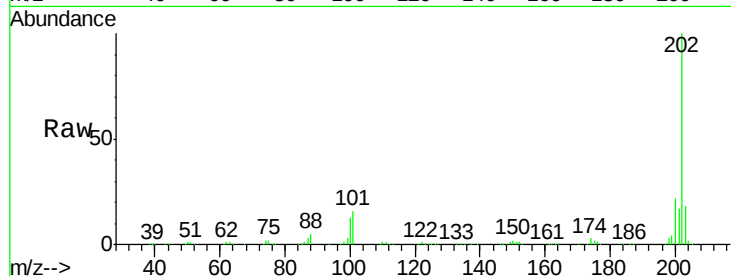
#77
Pvrene
Concen: 39.14 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		687799		
200	21.6	17.5	26.3		
203	17.9	13.9	20.9		

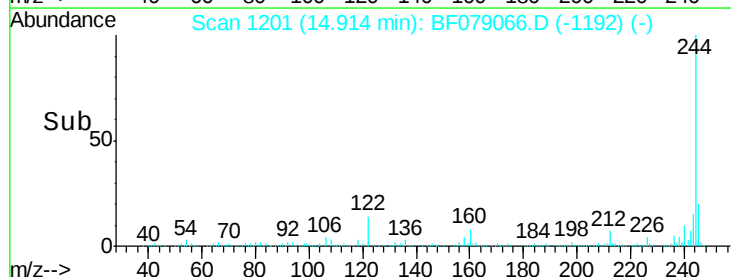
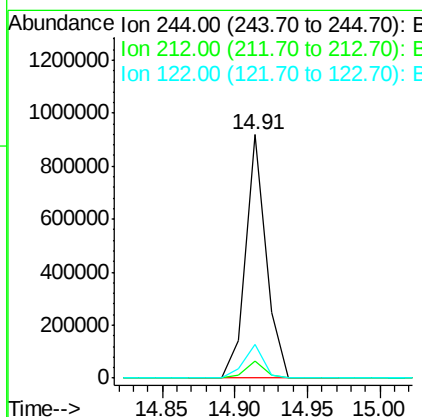
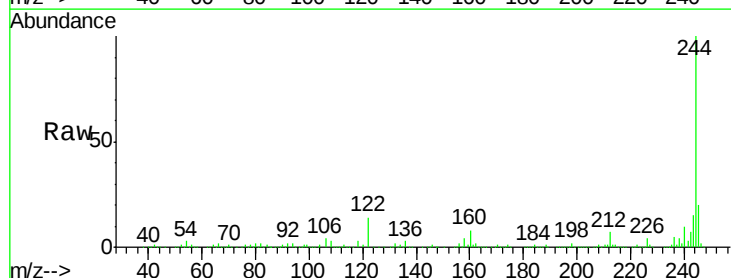
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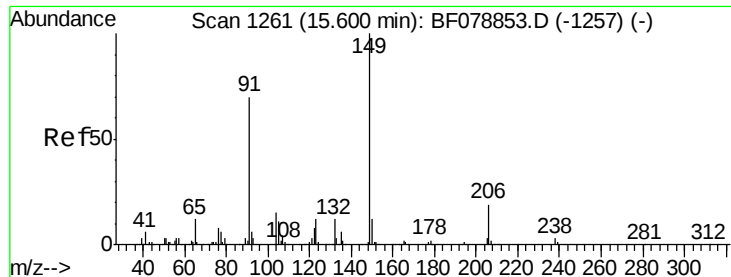
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#78
Terphenyl-d14
Concen: 70.94 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		903703		
212	6.9	5.6	8.4		
122	13.8	10.3	15.5		





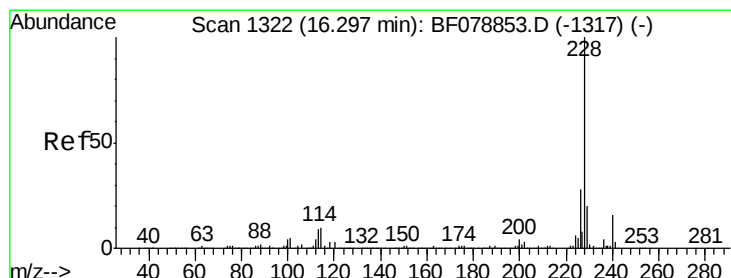
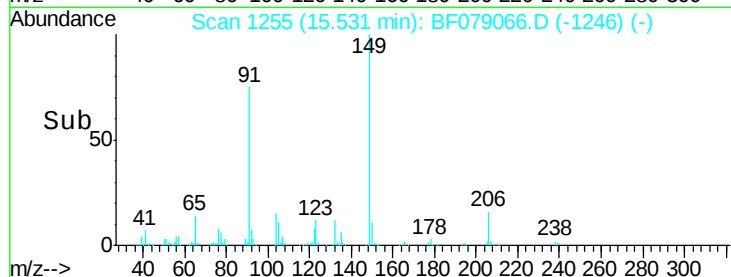
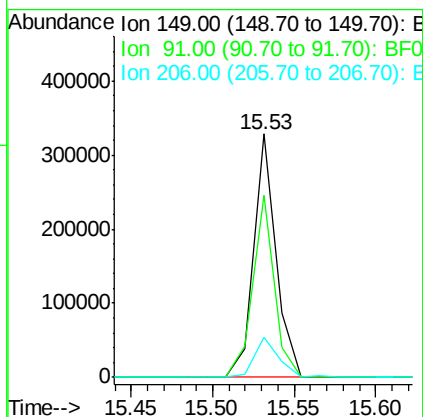
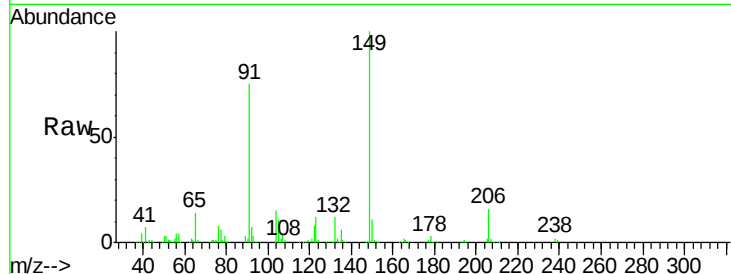
#79
Butylbenzylphthalate
Concen: 40.68 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	74.9	64.6	97.0
206	16.4	12.2	18.4

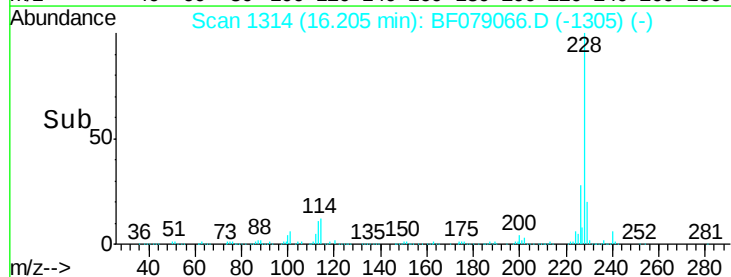
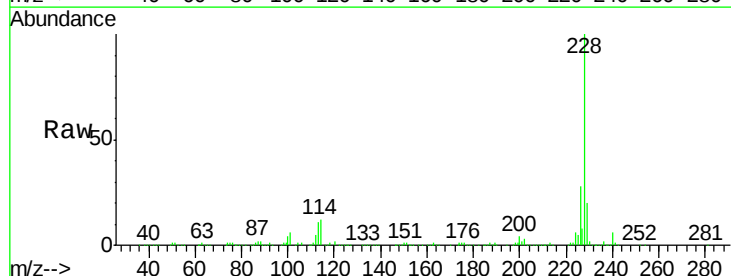
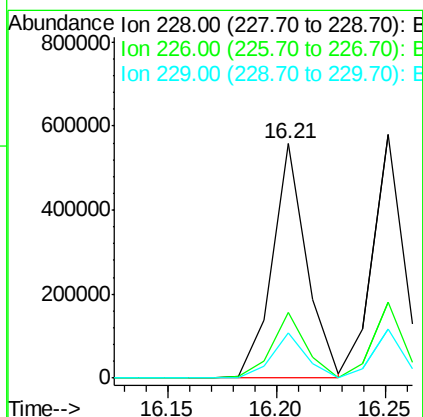
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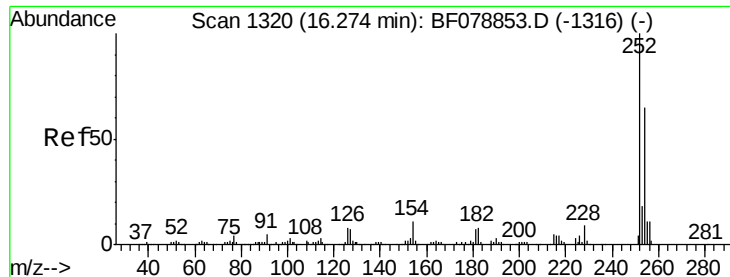
apatel
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#80
Benzo(a)anthracene
Concen: 36.83 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.5	15.9	23.9





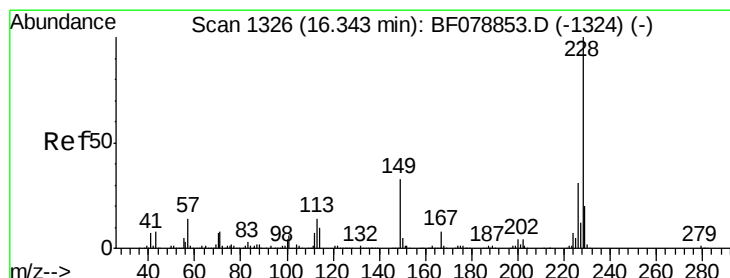
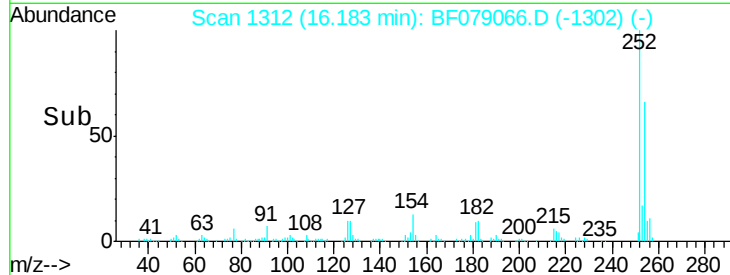
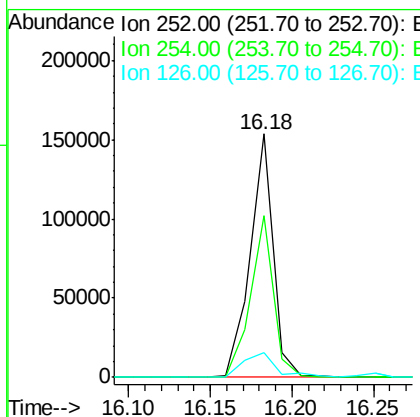
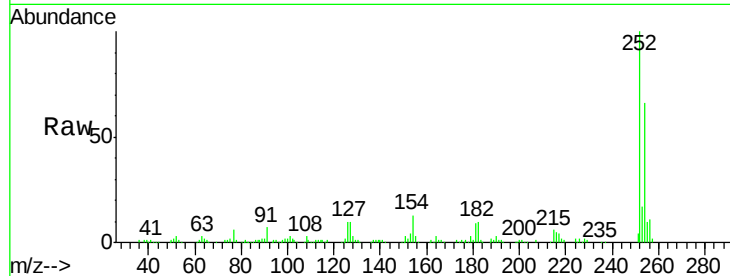
#81
 3,3'-Dichlorobenzidine
 Concen: 25.50 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	51.3	76.9
126	10.3	6.6	10.0

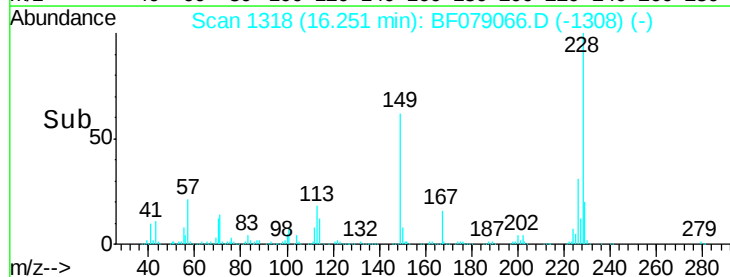
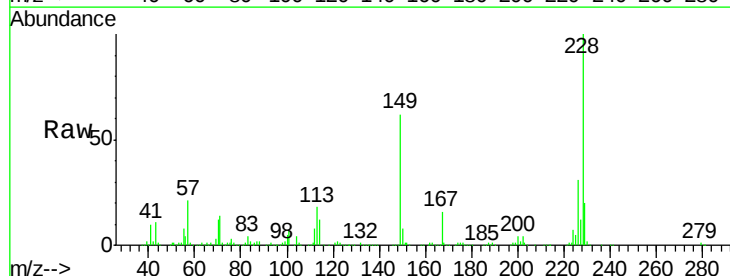
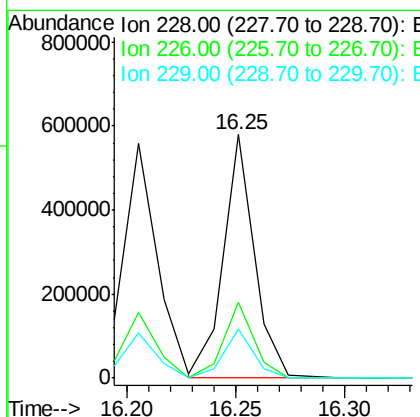
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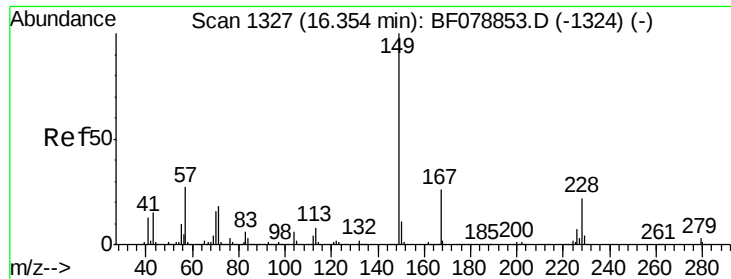
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#82
 Chrysene
 Concen: 35.36 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	16.0	24.0





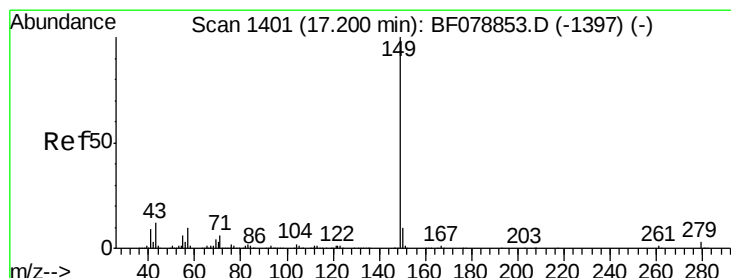
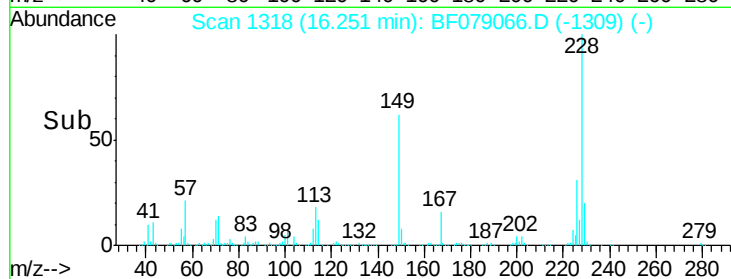
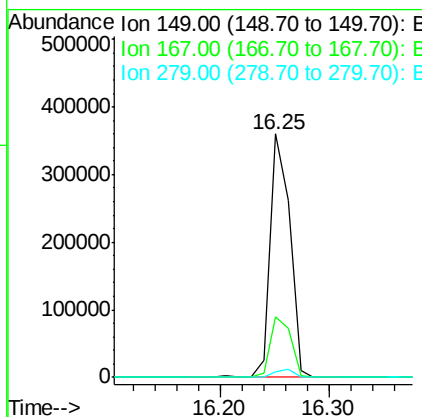
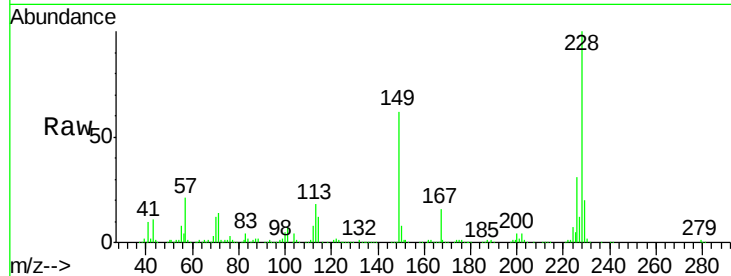
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.95 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		453236		
167	25.0	21.8	32.8		
279	2.2	2.9	4.3#		

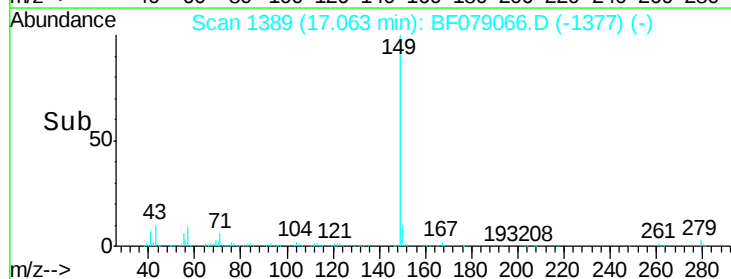
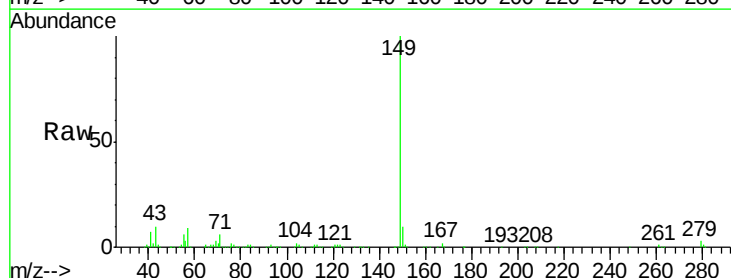
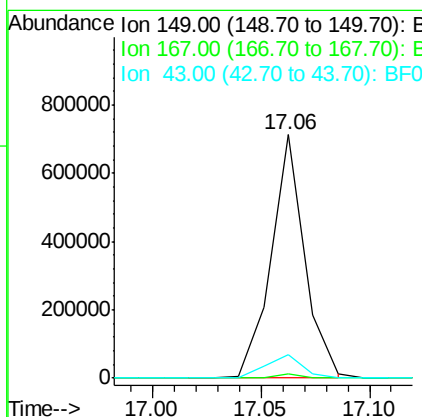
Manual Integrations
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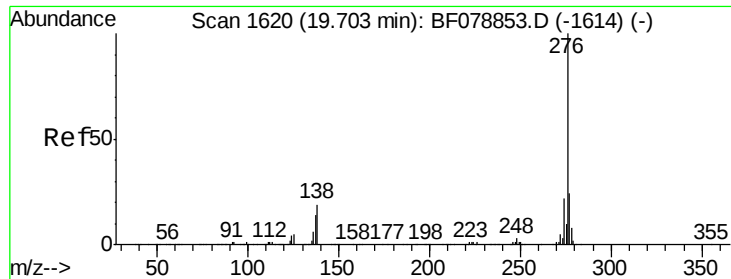
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#84
 Di-n-octyl phthalate
 Concen: 37.42 ng
 RT: 17.06 min Scan# 1389
 Delta R.T. 0.03 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		766778		
167	1.5	0.0	0.0#		
43	10.4	0.0	0.0#		





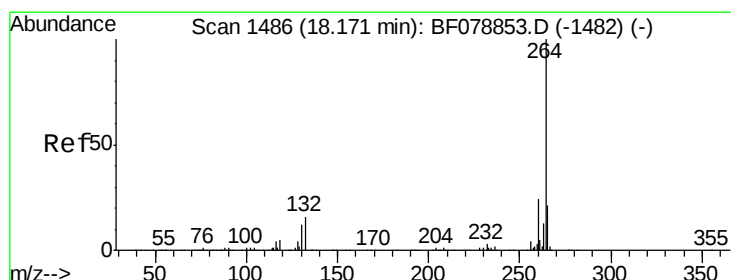
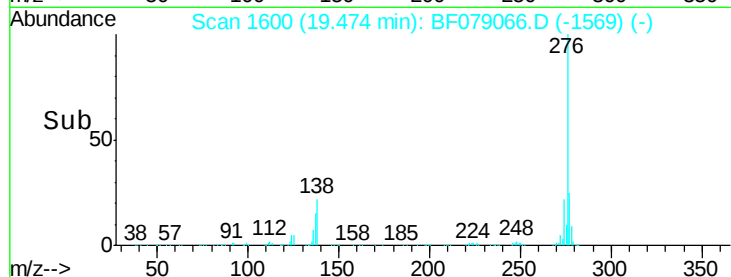
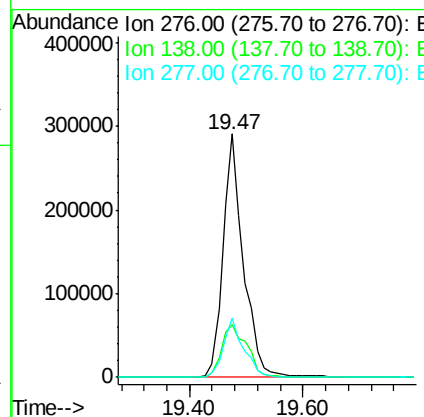
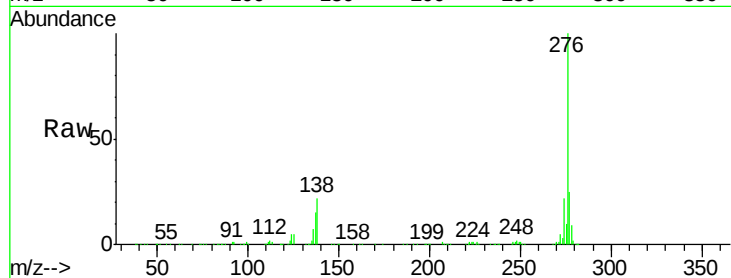
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.41 ng
 RT: 19.47 min Scan# 1600
 Delta R.T. 0.06 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	24.7	0.0	0.0#

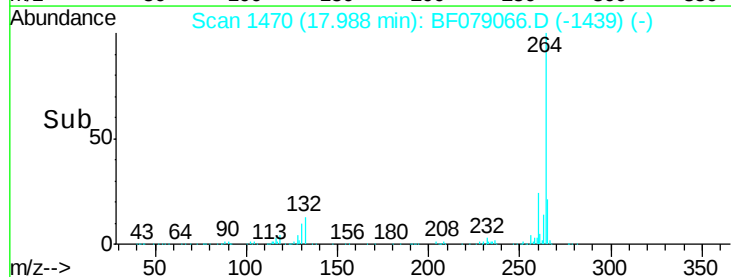
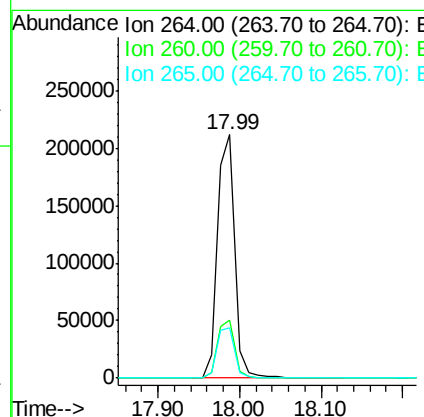
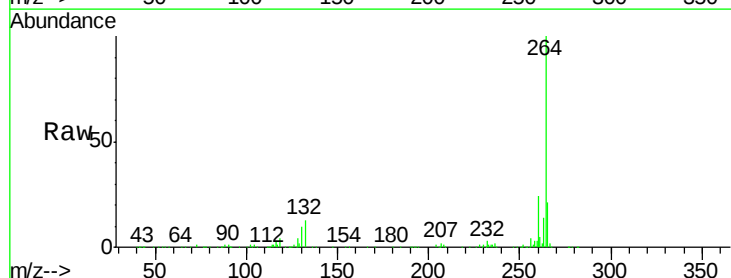
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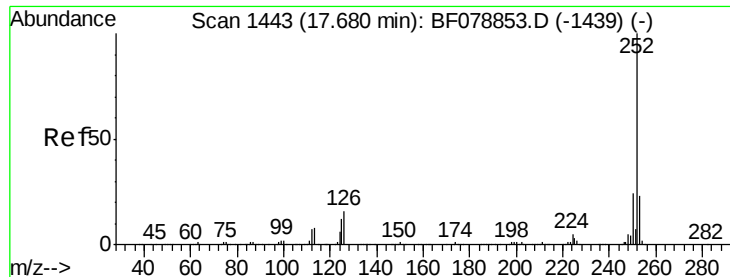
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. 0.06 min
 Lab File: BF079066.D
 Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.5	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 36.76 ng

RT: 17.53 min Scan# 1430

Delta R.T. 0.05 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

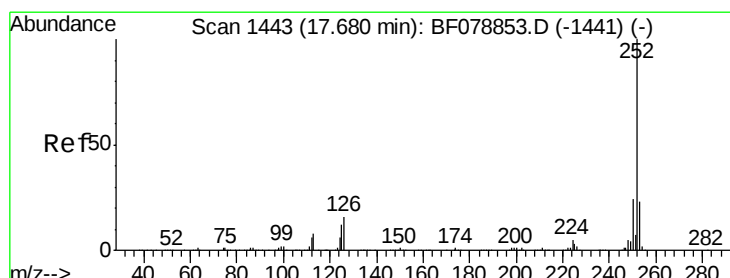
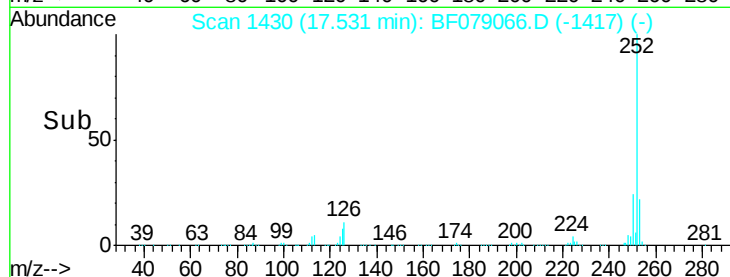
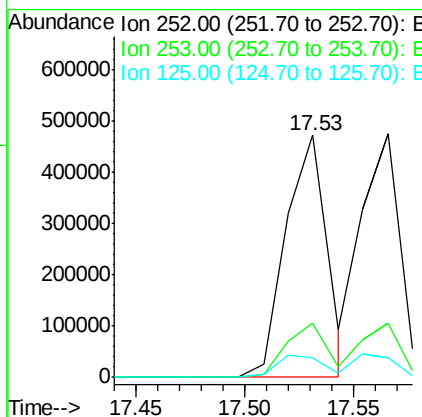
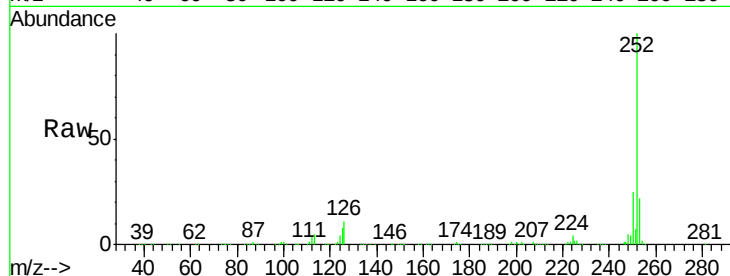
ClientSampleId :

PB83244BS

Tot Ion:	252	Resp:	625248
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	8.3	9.5	14.3#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.47 ng

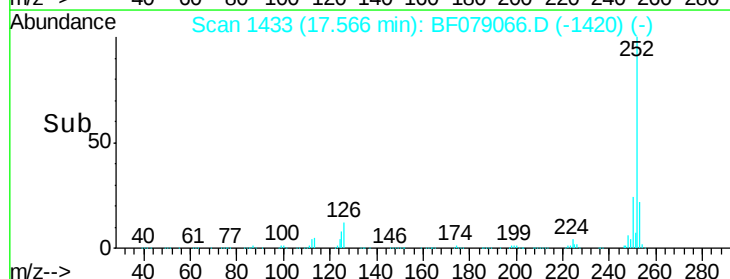
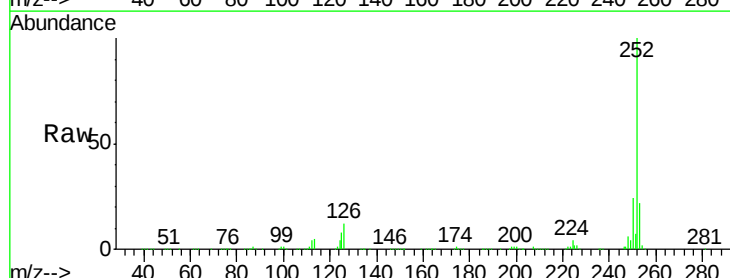
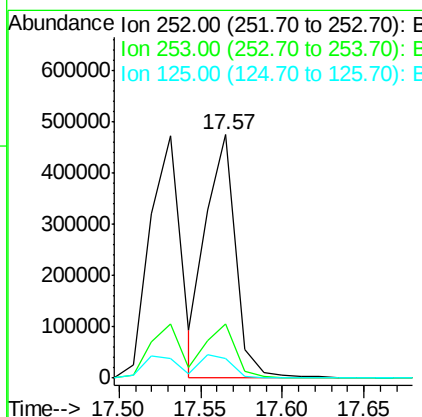
RT: 17.57 min Scan# 1433

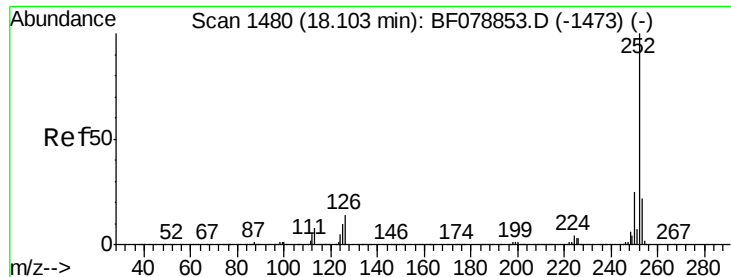
Delta R.T. 0.05 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Tgt Ion:	252	Resp:	600430
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	8.1	10.0	15.0#





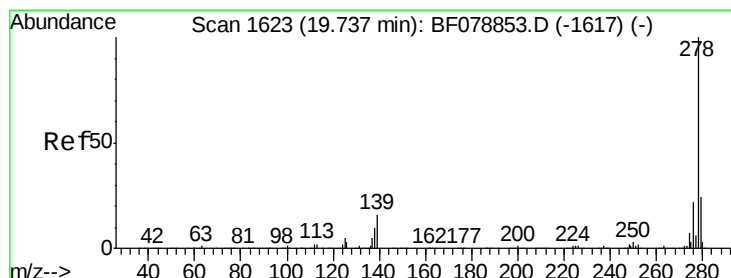
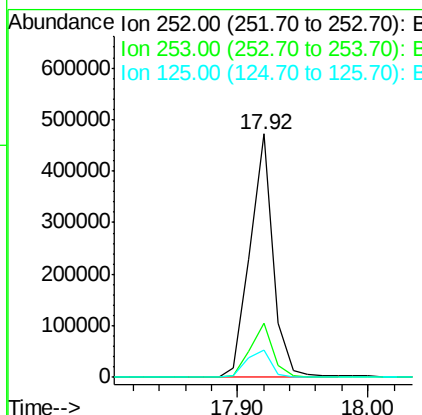
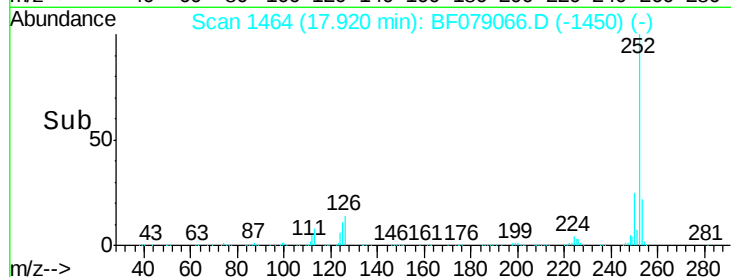
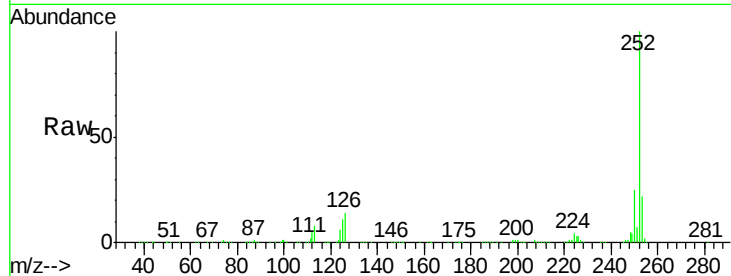
#89
Benzo(a)pyrene
Concen: 37.33 ng
RT: 17.92 min Scan# 1464
Delta R.T. 0.06 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PB83244BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.0	7.0	10.6

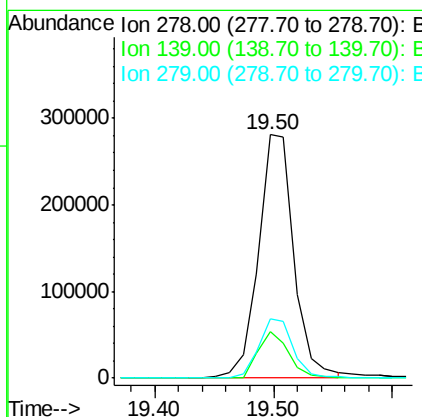
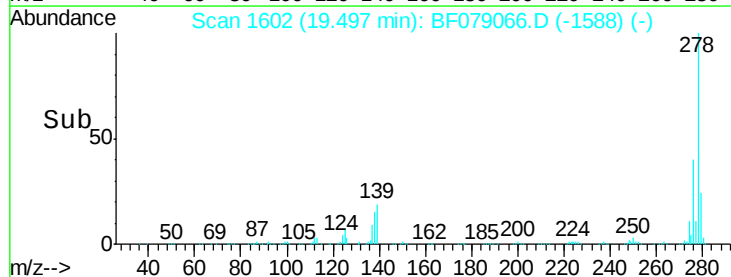
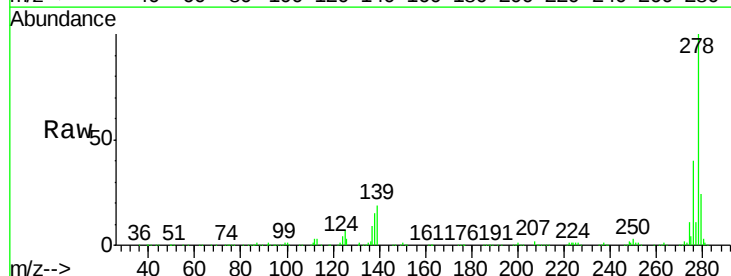
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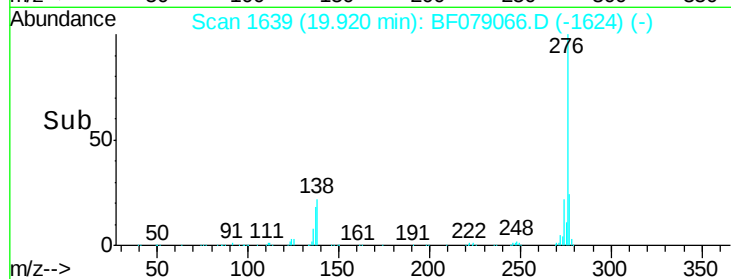
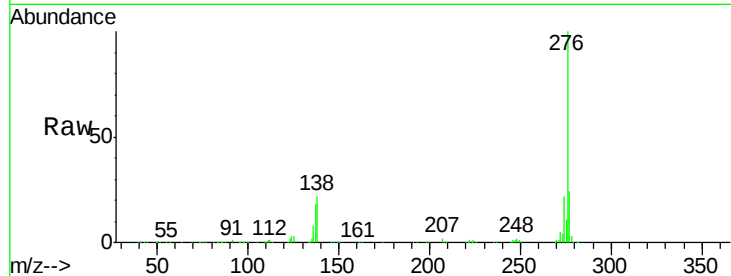
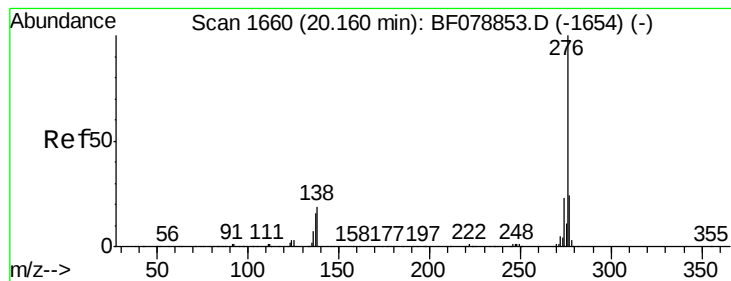
apatel
5/12/2015 3:44:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.19 ng
RT: 19.50 min Scan# 1602
Delta R.T. 0.06 min
Lab File: BF079066.D
Acq: 9 May 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.8	12.8	19.2
279	24.2	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 35.89 ng

RT: 19.92 min Scan# 1639

Delta R.T. 0.07 min

Lab File: BF079066.D

Acq: 9 May 2015 6:38

Instrument :

BNA_F

ClientSampleId :

PB83244BS

Tot Ion:	276	Resp:	598714
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	28.0
138	21.9	17.4	26.0

Manual Integrations
APPROVED

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