

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082258.D
 Acq On : 13 Oct 2015 17:08
 Operator : UM/IZ
 Sample : PB86079BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:16 PM

Quant Time: Oct 14 01:50:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80016	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313838	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156658	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300322	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	290417	20.00	ng	-0.03
86) Perylene-d12	15.70	264	280284	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	501085	126.39	ng	0.01
7) Phenol-d6	6.47	99	623569	120.86	ng	0.00
23) Nitrobenzene-d5	7.39	82	383985	82.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	188539	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	833780	88.26	ng	0.00
78) Terphenyl-d14	12.97	244	867954	79.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	59688	29.96	ng	98
3) Pyridine	3.17	79	165167	35.65	ng	97
4) n-Nitrosodimethylamine	3.13	42	69853	35.55	ng	96
6) Aniline	6.49	93	173860	26.14	ng	96
8) 2-Chlorophenol	6.61	128	175956	36.35	ng	# 77
9) Benzaldehyde	6.38	77	89613	34.01	ng	91
10) Phenol	6.48	94	236696	39.79	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	184672	36.71	ng	95
12) 1,3-Dichlorobenzene	6.77	146	211805	37.58	ng	98
13) 1,4-Dichlorobenzene	6.85	146	220006	37.38	ng	98
14) 1,2-Dichlorobenzene	6.99	146	200205	35.82	ng	97
15) Benzyl Alcohol	6.97	79	137383	38.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	251843	35.95	ng	99
17) 2-Methylphenol	7.10	107	142451	37.22	ng	98
18) Hexachloroethane	7.34	117	74723	37.09	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	120510	33.26	ng	# 88
20) 3+4-Methylphenols	7.25	107	178429	39.12	ng	95
22) Acetophenone	7.25	105	248684	40.06	ng	# 96
24) Nitrobenzene	7.42	77	187431	37.05	ng	95
25) Isophorone	7.66	82	347279	36.82	ng	98
26) 2-Nitrophenol	7.74	139	104071	41.20	ng	98
27) 2,4-Dimethylphenol	7.77	122	157975	38.82	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	221588	40.38	ng	99
29) 2,4-Dichlorophenol	7.98	162	174516	42.90	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	176379	37.62	ng	99
31) Naphthalene	8.14	128	517074	38.01	ng	100
32) Benzoic acid	7.90	122	82168	30.09	ng	97
33) 4-Chloroaniline	8.19	127	91753	16.24	ng	97
34) Hexachlorobutadiene	8.25	225	108643	37.18	ng	99
35) Caprolactam	8.56	113	47995	40.65	ng	# 70
36) 4-Chloro-3-methylphenol	8.69	107	171900	43.21	ng	89
37) 2-Methylnaphthalene	8.83	142	378773	40.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	172106	36.94	ng	97
40) Hexachlorocyclopentadiene	8.98	237	170053	72.94	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	111371	35.99	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	130175	38.83	nq #	92
45) 1,1'-Biphenyl	9.30	154	444151	37.18	nq	95
46) 2-Chloronaphthalene	9.33	162	364943	38.81	nq	99
47) 2-Nitroaniline	9.43	65	103715	40.17	nq #	71
48) Acenaphthylene	9.74	152	562021	38.36	nq	100
49) Dimethylphthalate	9.60	163	392158	35.55	nq	100
50) 2,6-Dinitrotoluene	9.67	165	94724	40.70	nq	90
51) Acenaphthene	9.91	154	322741	36.70	nq	98
52) 3-Nitroaniline	9.84	138	52167	19.84	nq	99
53) 2,4-Dinitrophenol	9.94	184	84081	65.87	nq #	70
54) Dibenzofuran	10.08	168	479743	39.73	nq	97
55) 4-Nitrophenol	10.01	139	133728	75.36	nq	99
56) 2,4-Dinitrotoluene	10.07	165	115304	39.63	nq	89
57) Fluorene	10.42	166	383150	38.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110922	40.49	nq	95
59) Diethylphthalate	10.31	149	403374	39.23	nq	95
60) 4-Chlorophenyl-phenylether	10.42	204	179133	39.43	nq #	81
61) 4-Nitroaniline	10.46	138	97668	38.30	nq	100
62) Azobenzene	10.58	77	406435	40.39	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63133	37.46	nq	81
65) n-Nitrosodiphenylamine	10.54	169	332407	36.97	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	113081	37.62	nq #	79
67) Hexachlorobenzene	10.97	284	129352	39.79	nq #	85
68) Atrazine	11.07	200	117804	41.35	nq	95
69) Pentachlorophenol	11.17	266	124924	74.69	nq	98
70) Phenanthrene	11.39	178	602951	40.96	nq	99
71) Anthracene	11.44	178	632835	41.72	nq	100
72) Carbazole	11.60	167	554179	40.05	nq	99
73) Di-n-butylphthalate	11.93	149	673103	39.43	nq	99
74) Fluoranthene	12.58	202	638582	40.39	nq	99
76) Benzidine	12.72	184	303353	36.04	nq	98
77) Pyrene	12.82	202	683945	39.68	nq	98
79) Butylbenzylphthalate	13.48	149	276209	35.12	nq	97
80) Benzo(a)anthracene	14.09	228	578728	38.30	nq	100
81) 3,3'-Dichlorobenzidine	14.06	252	143036	24.94	nq	99
82) Chrysene	14.14	228	597278	37.51	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	364361	32.47	nq	98
84) Di-n-octyl phthalate	14.81	149	649454	33.70	nq	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	559533	44.21	nq	99
87) Benzo(b)fluoranthene	15.28	252	627340	36.79	nq #	96
88) Benzo(k)fluoranthene	15.30	252	530886m	37.04	nq	
89) Benzo(a)pyrene	15.65	252	572637	39.07	nq #	95
90) Dibenzo(a,h)anthracene	17.18	278	469648	39.11	nq #	96
91) Benzo(g,h,i)perylene	17.59	276	448432	38.44	nq	99

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

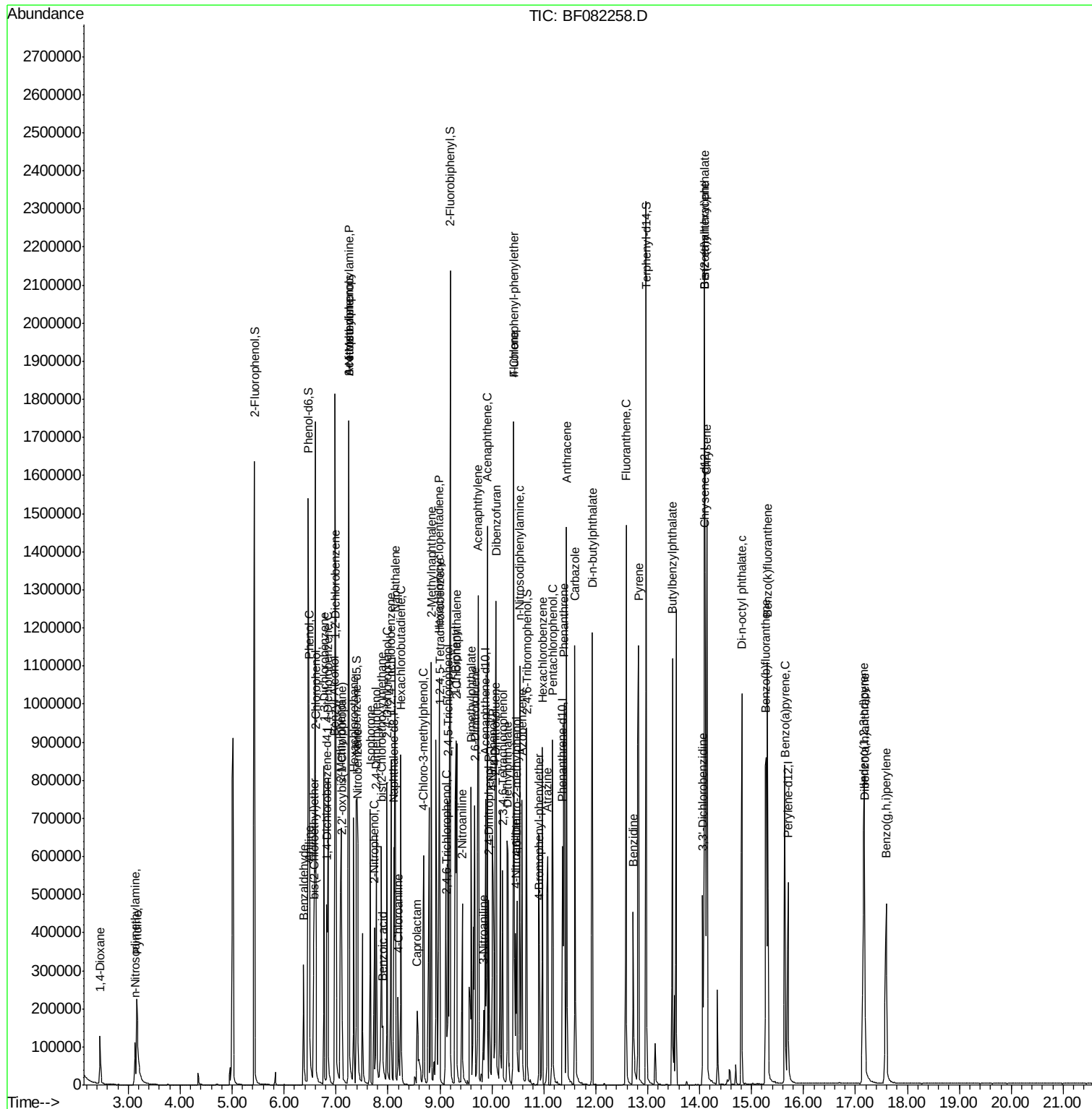
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\  
Data File : BF082258.D  
Acq On    : 13 Oct 2015  17:08  
Operator  : UM/IZ  
Sample    : PB86079BS  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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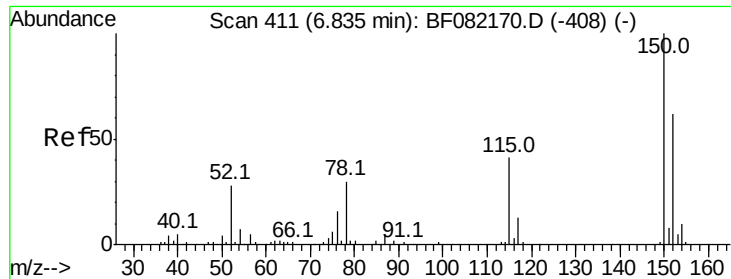
Instrument :
BNA_F
ClientSampleId :
PB86079BS

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#1

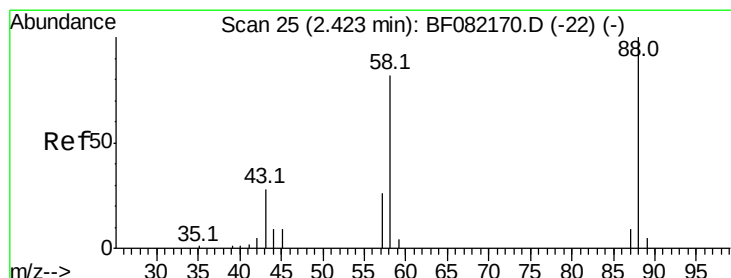
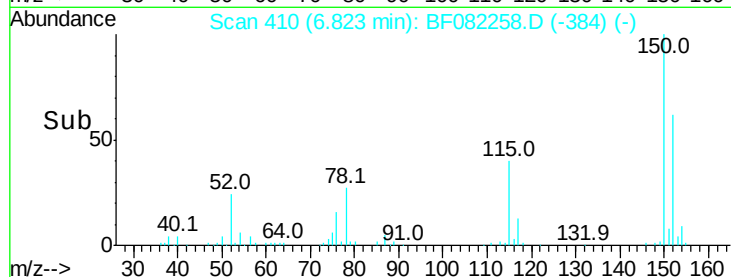
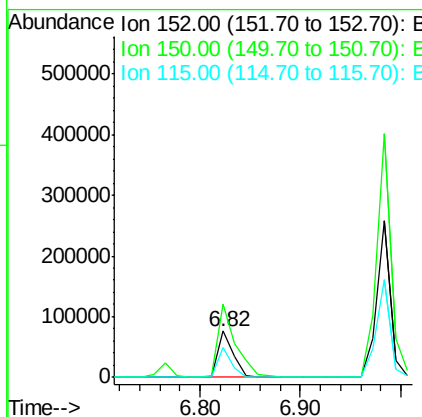
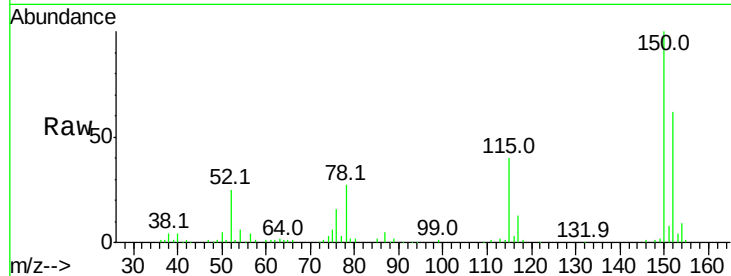
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	129.0	193.4
115	63.7	52.1	78.1

Manual Integrations
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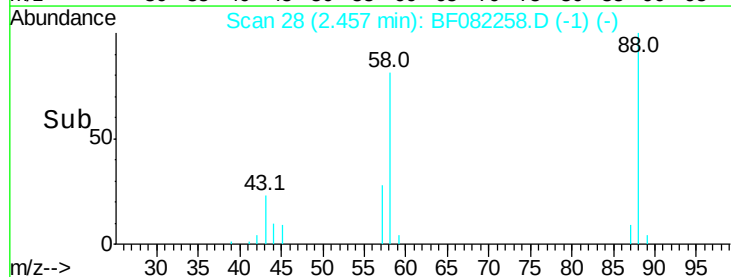
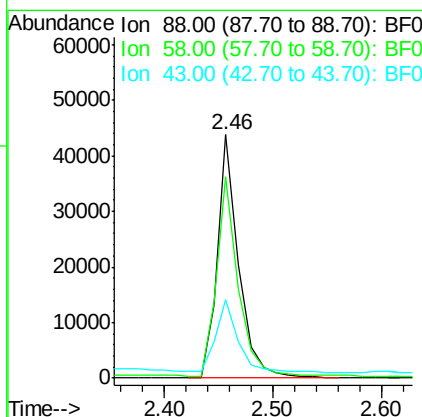
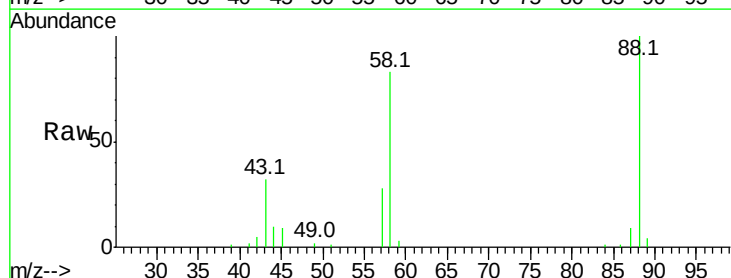
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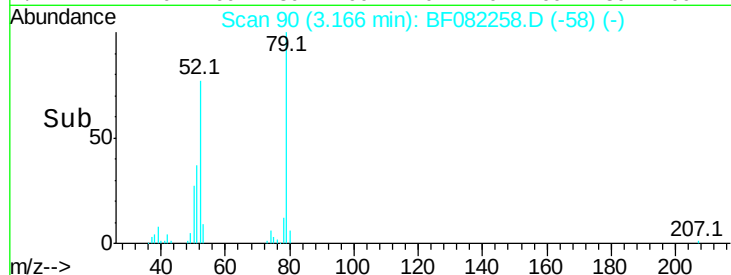
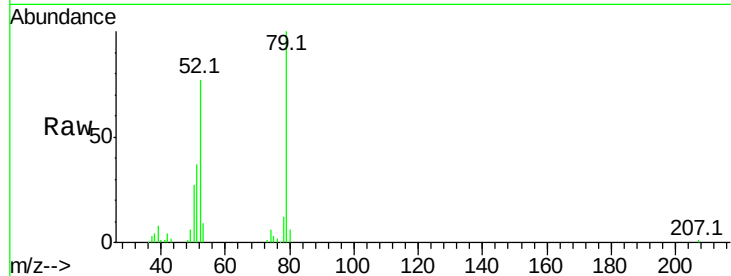
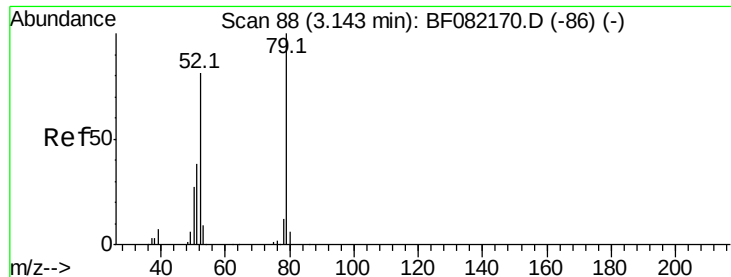


#2

1,4-Dioxane
Concen: 29.96 ng
RT: 2.46 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	66.2	99.4
43	31.4	23.0	34.4





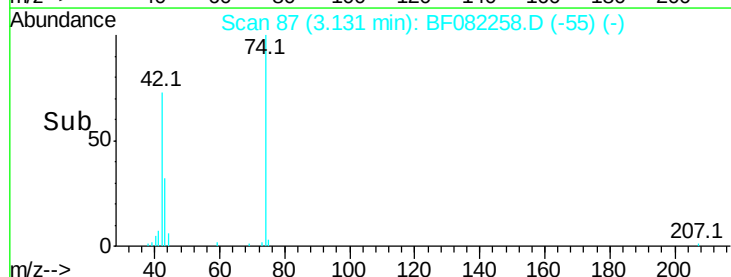
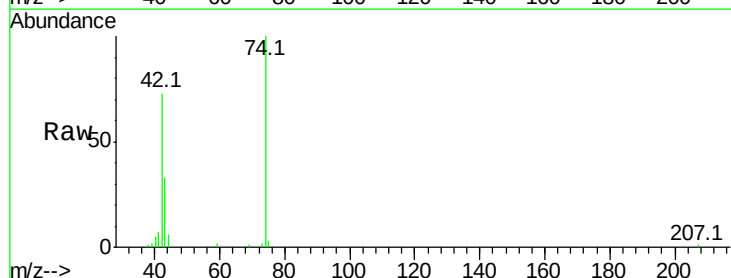
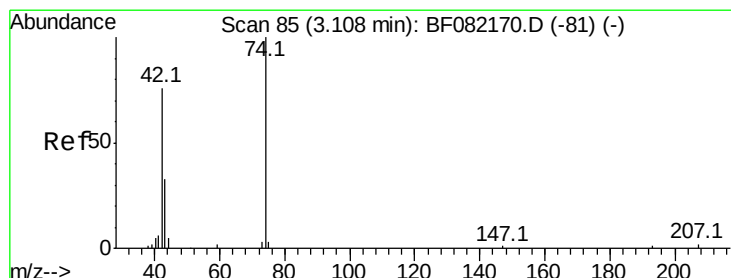
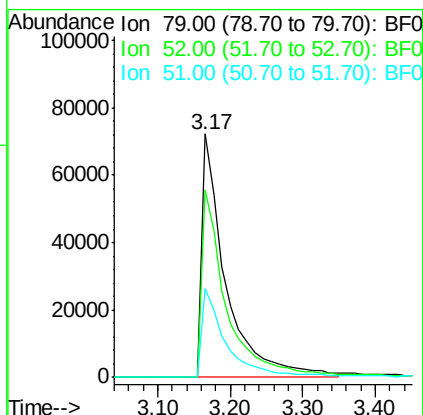
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 Pvridine
 Concen: 35.65 ng
 RT: 3.17 min Scan# 90
 Delta R.T. 0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tot Ion	Ratio	Resp	Lower	Upper
79	100	165167		
52	77.1	64.4	96.6	
51	36.7	30.5	45.7	

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 PB86079BS

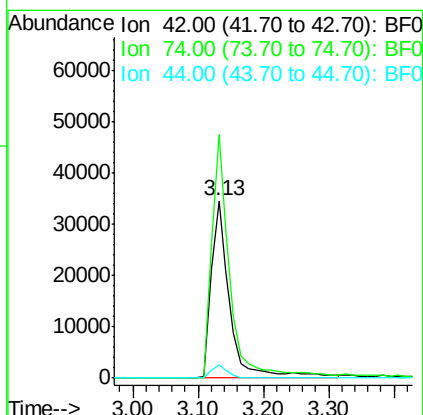
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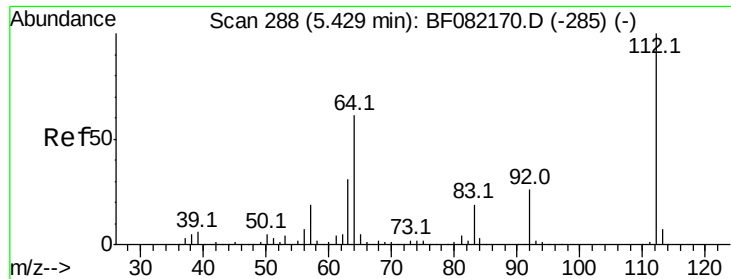
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#4
 n-Nitrosodimethylamine
 Concen: 35.55 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	69853		
74	137.2	105.7	158.5	
44	7.6	5.4	8.2	





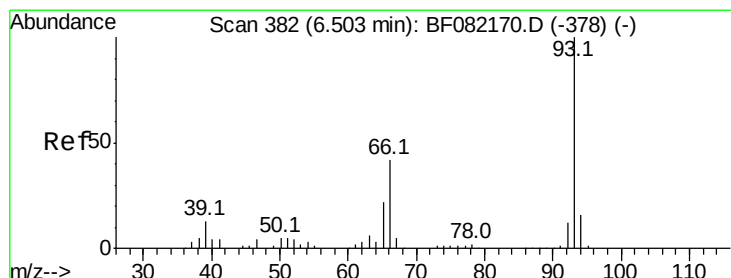
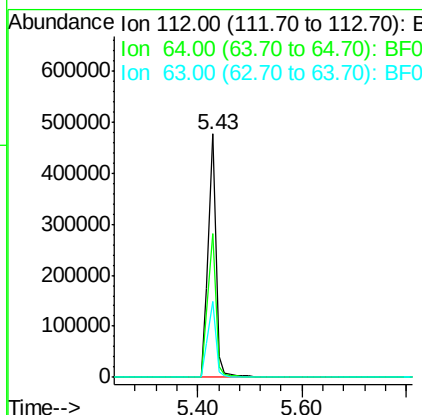
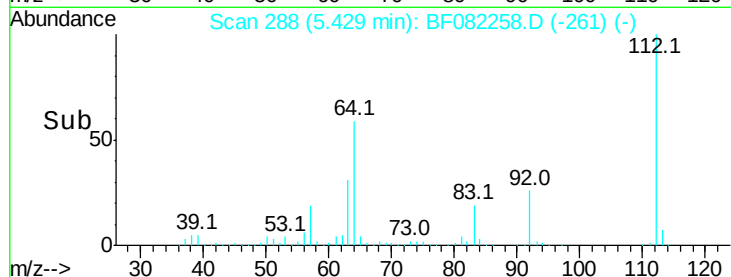
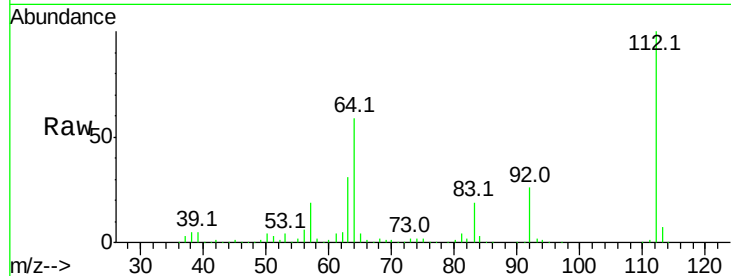
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 2-Fluorophenol
 Concen: 126.39 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion:	112	Resp:	501085
Ion Ratio	Lower	Upper	
112	100		
64	59.0	48.6	73.0
63	31.2	25.1	37.7

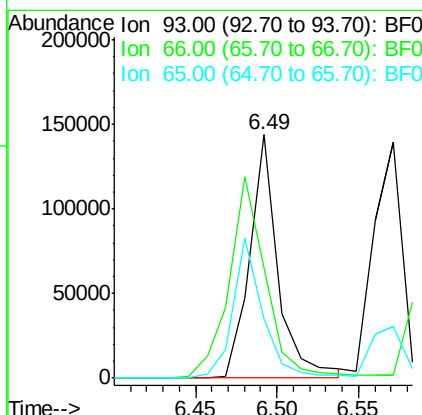
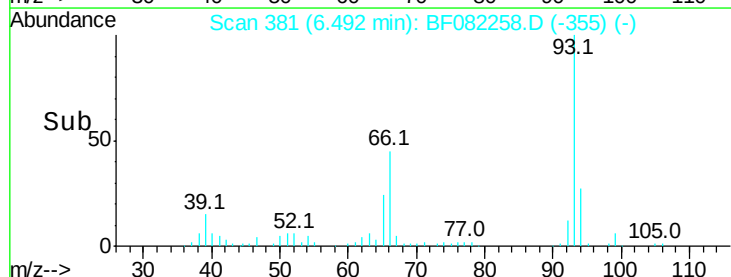
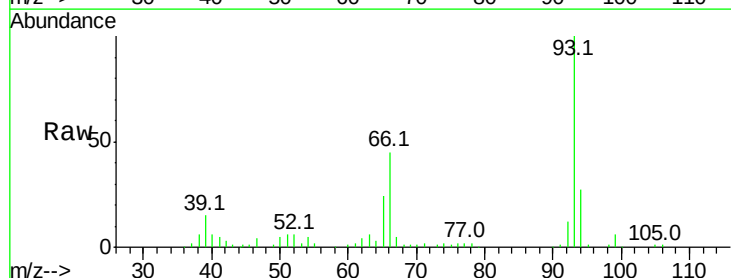
Manual Integrations
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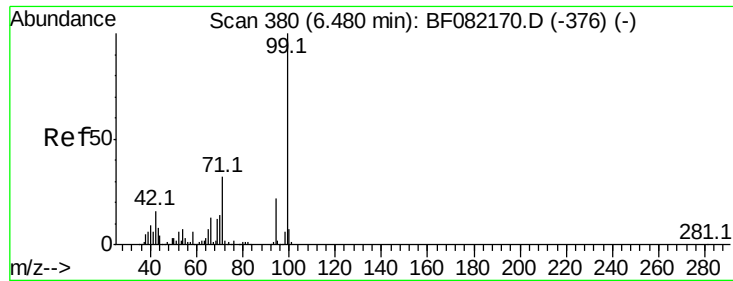
MMdadoda
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#6
 Aniline
 Concen: 26.14 ng
 RT: 6.49 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:	93	Resp:	173860
Ion Ratio	Lower	Upper	
93	100		
66	45.5	34.2	51.2
65	24.1	17.9	26.9





#7

Phenol-d6

Concen: 120.86 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

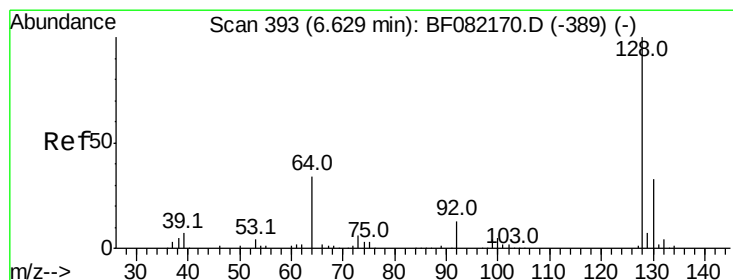
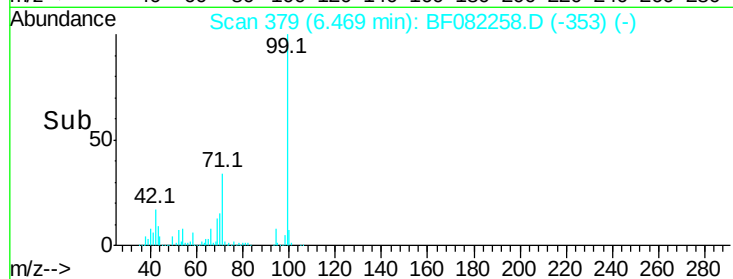
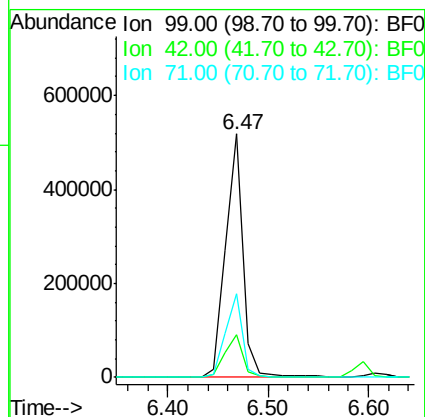
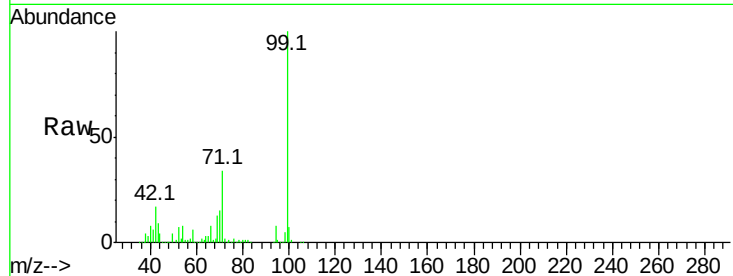
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Tot Ion	Ratio	Resp	Lower	Upper
99	100	623569		
42	17.5	13.2	19.8	
71	34.3	25.6	38.4	



#8

2-Chlorophenol

Concen: 36.35 ng

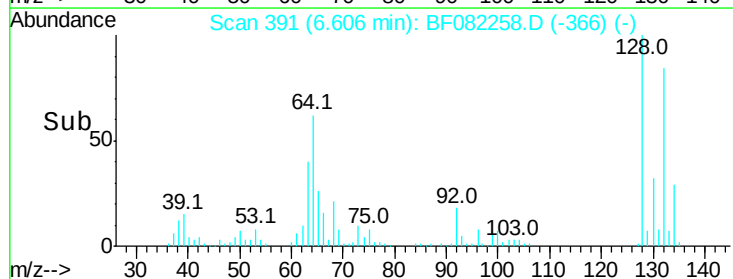
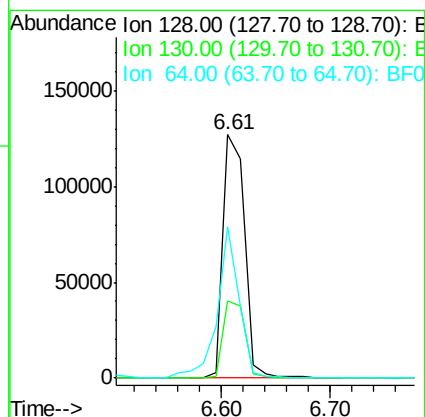
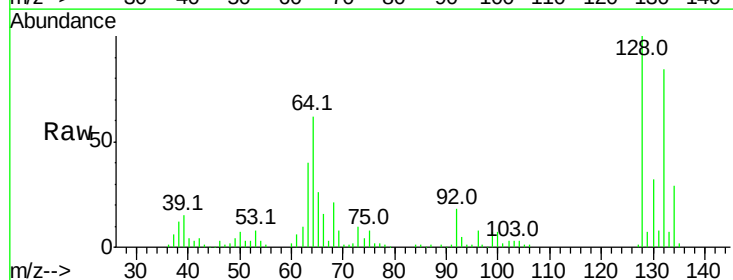
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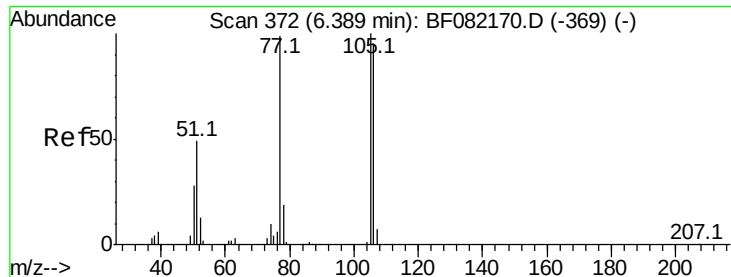
Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	175956		
130	31.7	12.6	52.6	
64	62.1	16.7	56.7	





#9

Benzaldehyde

Concen: 34.01 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

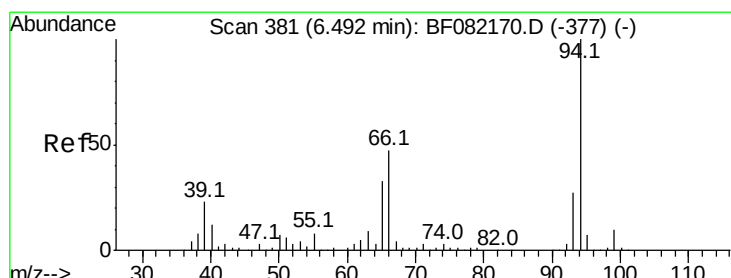
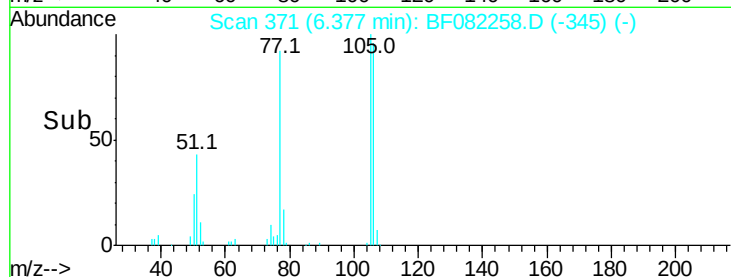
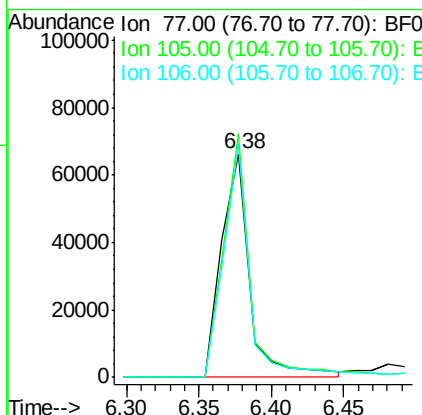
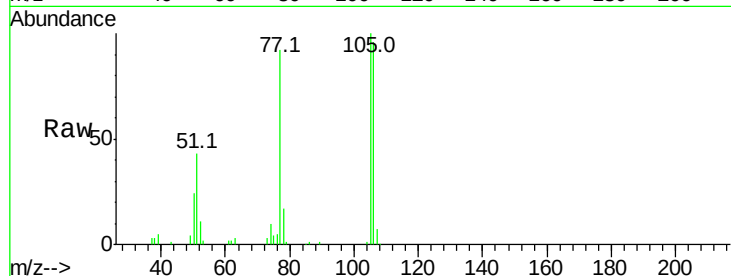
ClientSampleId :

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Tot Ion:	77	Resp:	89613
Ion	Ratio	Lower	Upper
77	100		
105	108.9	80.6	120.6
106	104.5	75.5	115.5



#10

Phenol

Concen: 39.79 ng

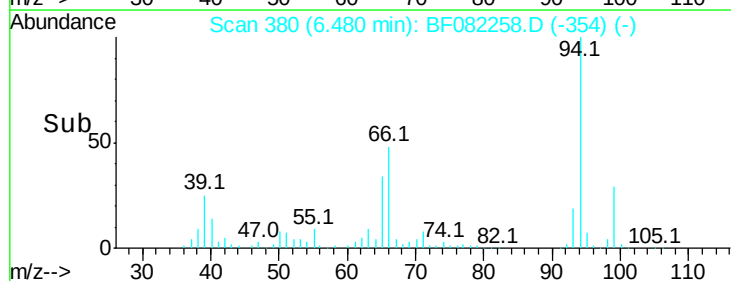
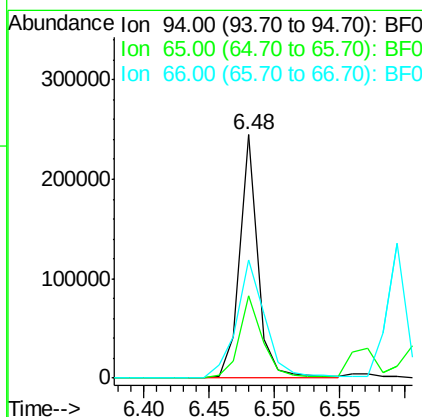
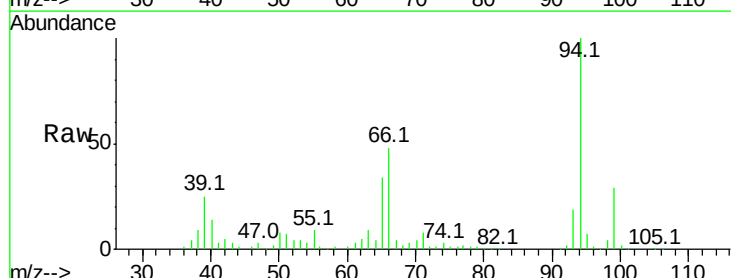
RT: 6.48 min Scan# 380

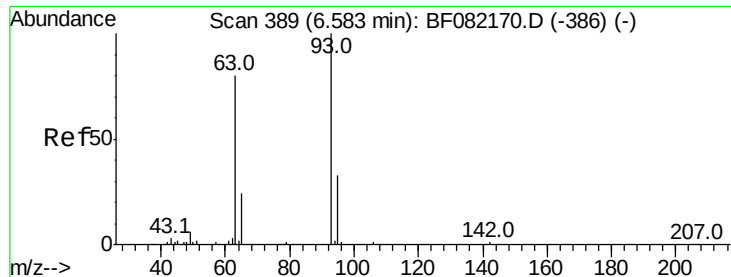
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:	94	Resp:	236696
Ion	Ratio	Lower	Upper
94	100		
65	33.6	12.6	52.6
66	48.5	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.71 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

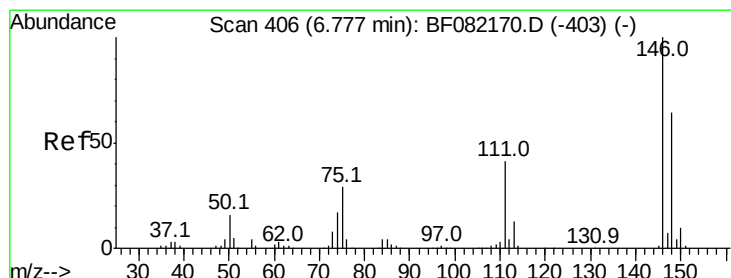
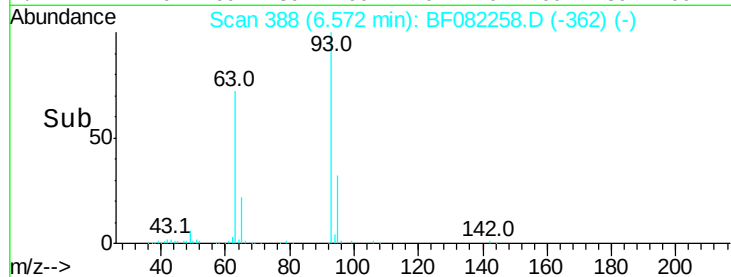
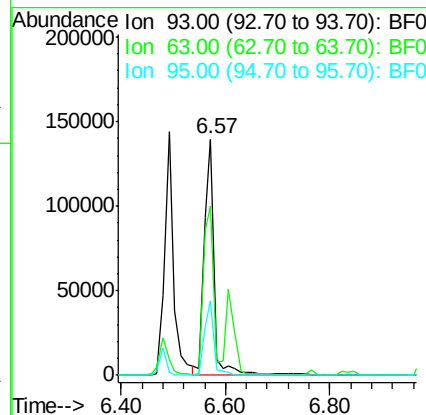
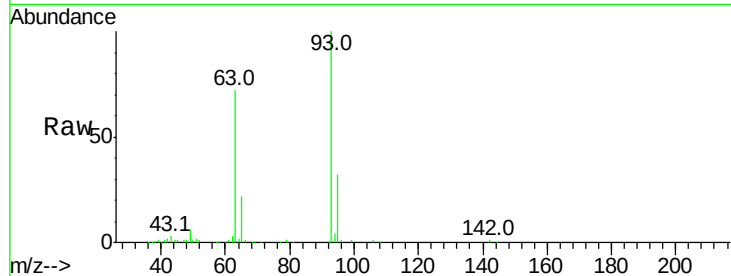
ClientSampleId :

PB86079BS

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Tot Ion:	93	Resp:	184672
Ion Ratio	Lower	Upper	
93	100		
63	71.6	57.1	97.1
95	31.8	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 37.58 ng

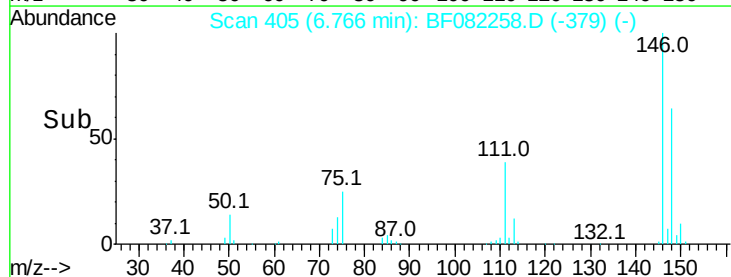
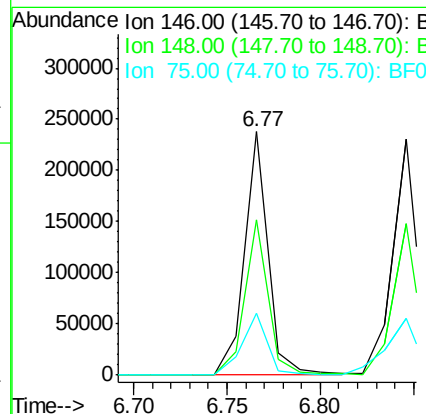
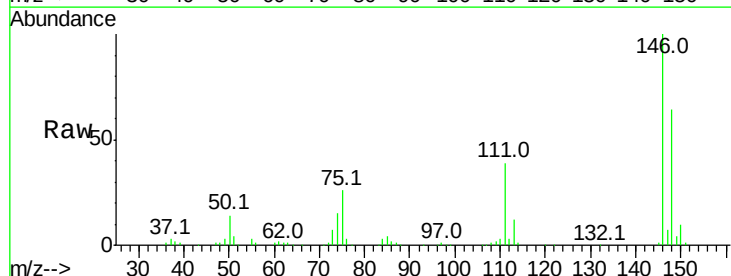
RT: 6.77 min Scan# 405

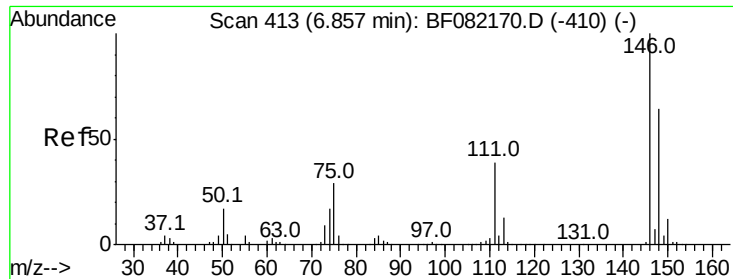
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:	146	Resp:	211805
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.2
75	25.5	23.0	34.6





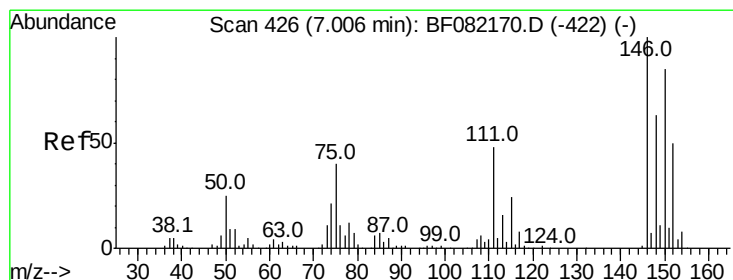
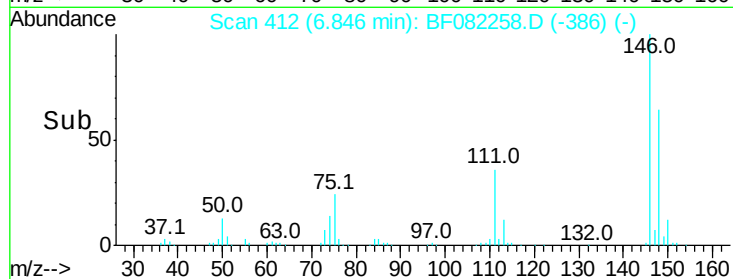
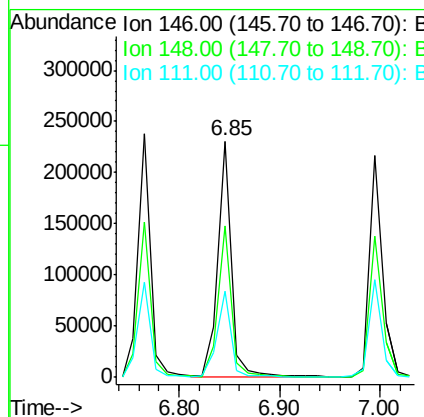
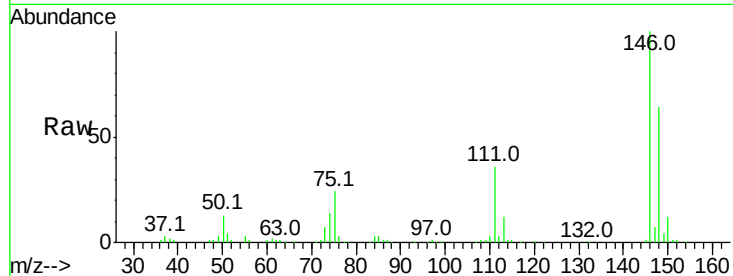
#13
 1,4-Dichlorobenzene
 Concen: 37.38 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	220006		
148	64.1		51.0	76.4
111	36.4		31.1	46.7

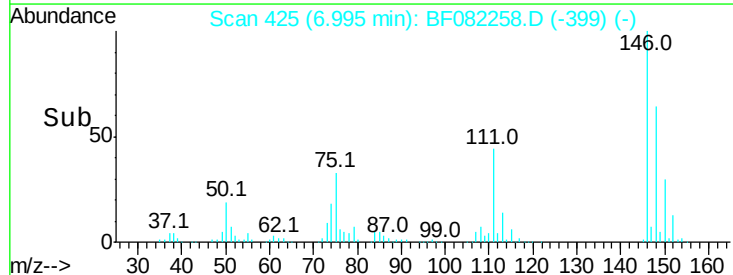
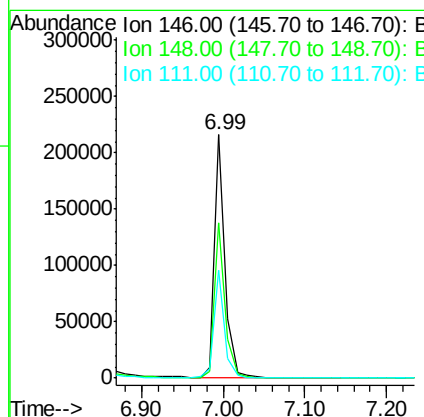
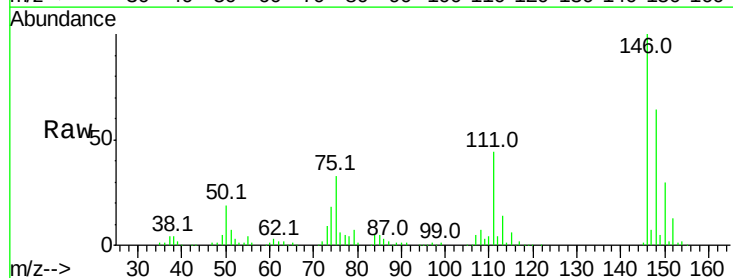
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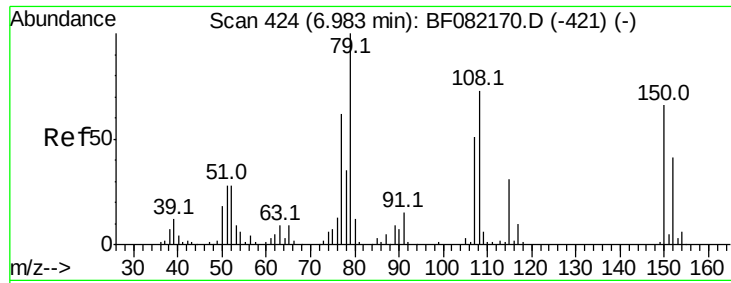
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 35.82 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200205		
148	63.8		50.5	75.7
111	44.3		38.5	57.7





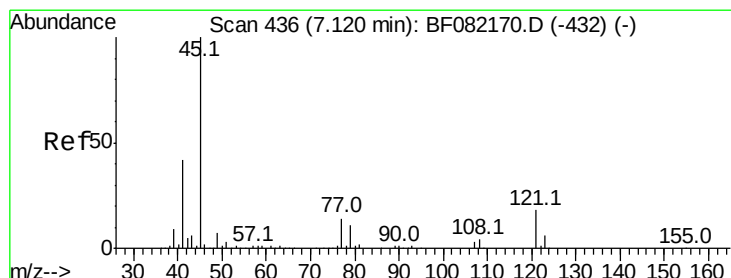
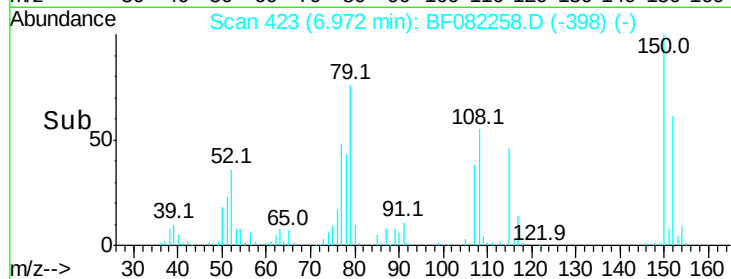
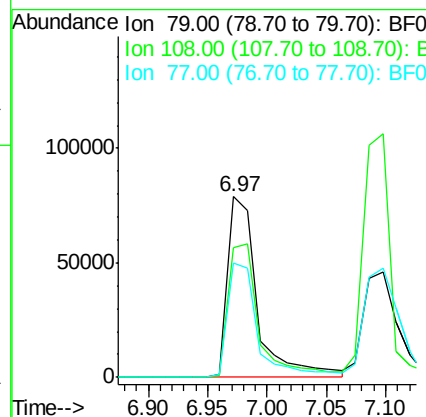
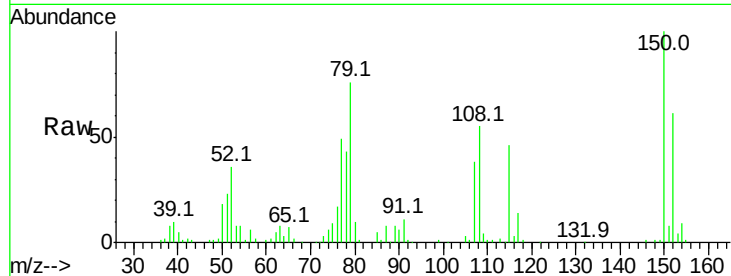
#15
Benzyl Alcohol
Concen: 38.57 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	58.4	87.6
77	63.6	49.8	74.6

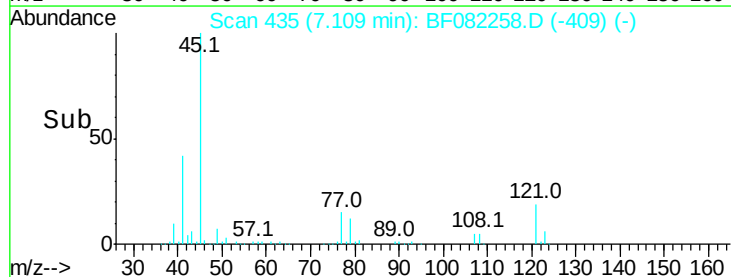
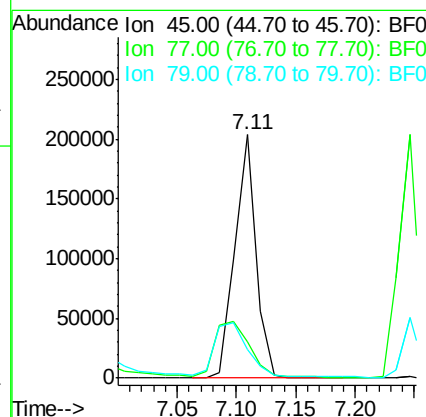
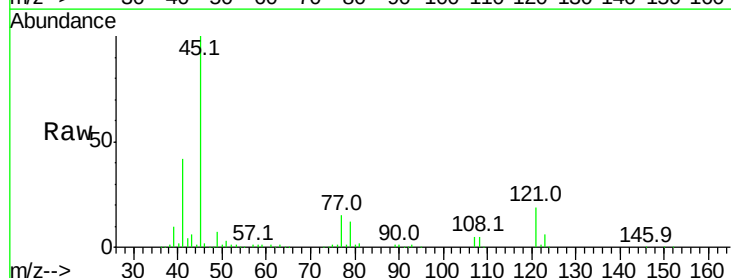
Manual Integrations
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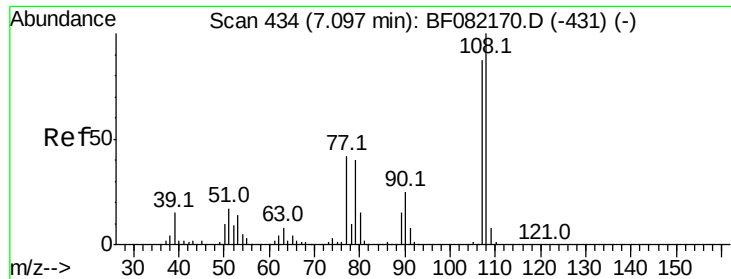
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.95 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.5
79	12.0	0.0	31.6





#17

2-Methylphenol

Concen: 37.22 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082258.D

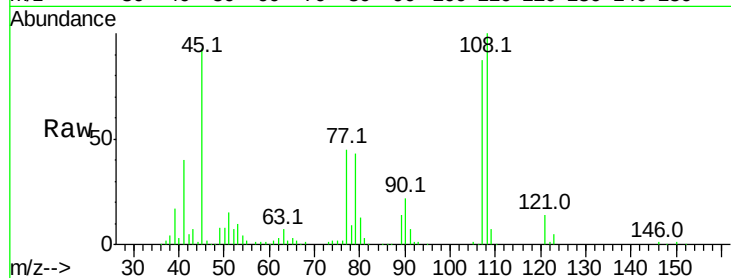
Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS



Tot Ion:107 Resp: 142451

Ion Ratio Lower Upper

107 100

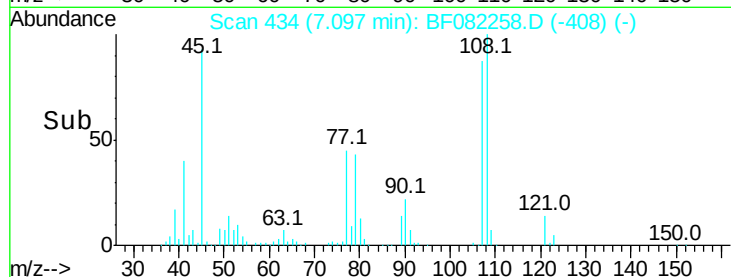
108 115.3 92.2 138.2

77 51.9 39.6 59.4

79 50.1 38.2 57.4

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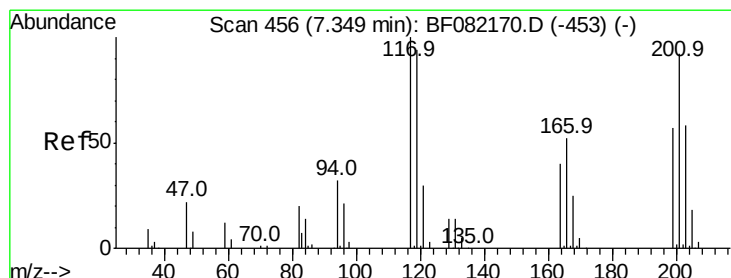
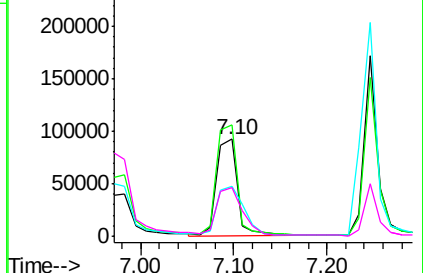
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 37.09 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

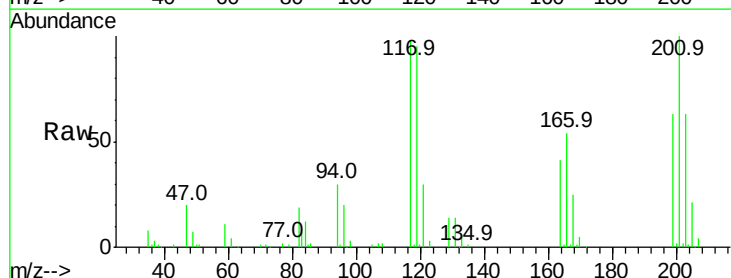
Tgt Ion:117 Resp: 74723

Ion Ratio Lower Upper

117 100

119 97.3 75.4 113.2

201 102.1 73.4 110.0

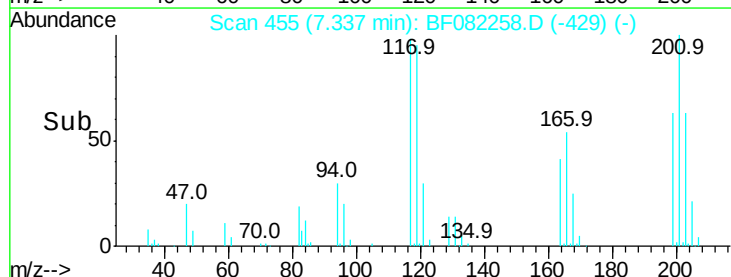
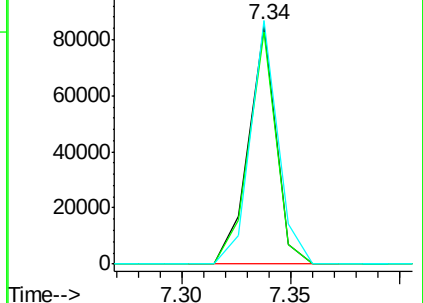


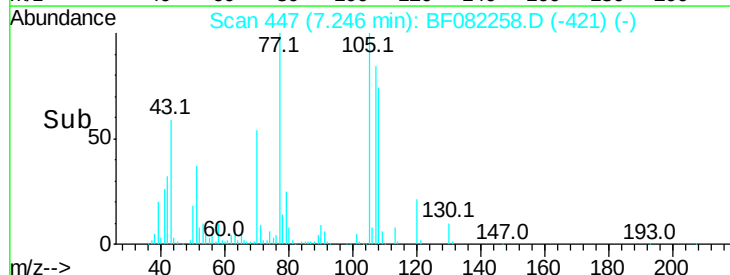
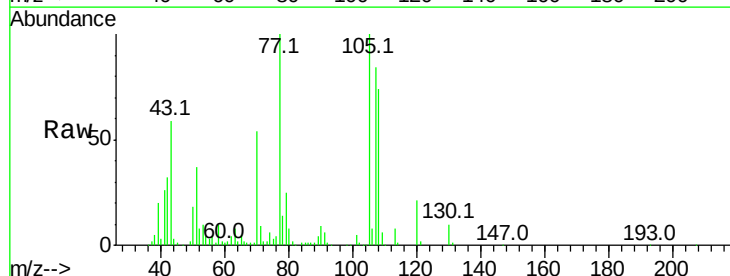
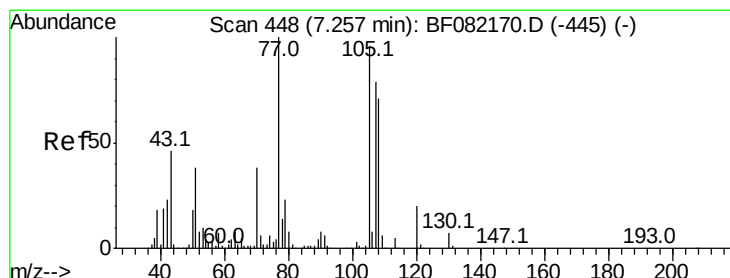
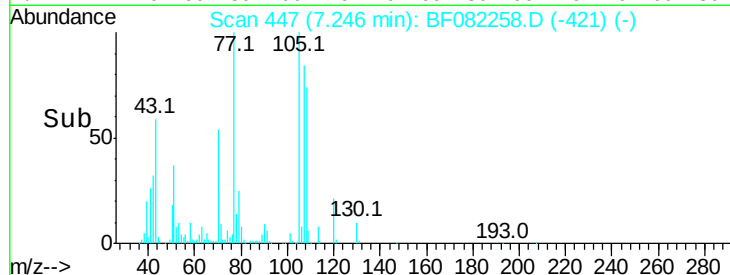
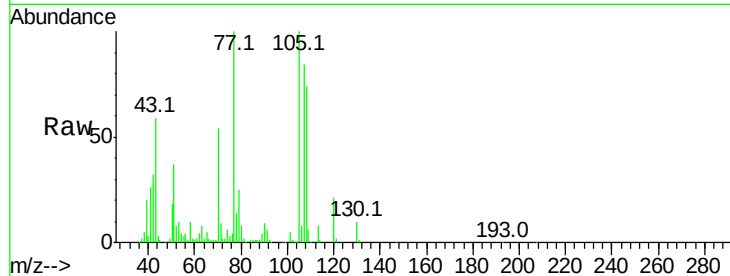
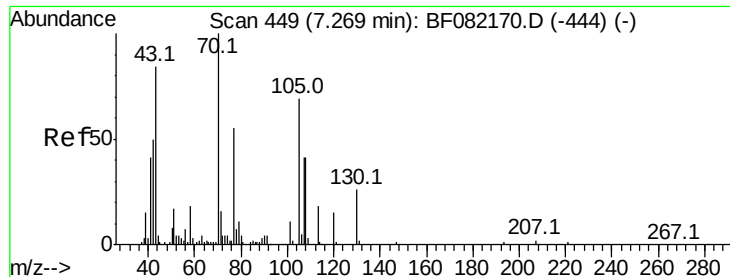
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





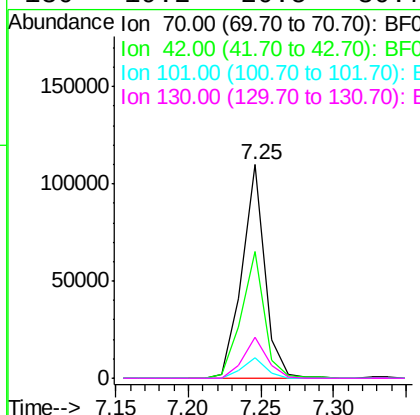
#19
n-Nitroso-di-n-propylamine
Concen: 33.26 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	39.8	59.8
101	9.5	8.6	13.0
130	19.2	20.5	30.7#

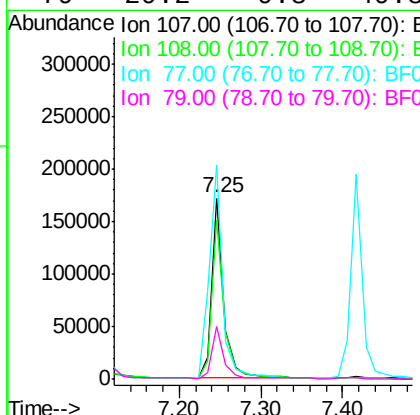
Manual Integrations
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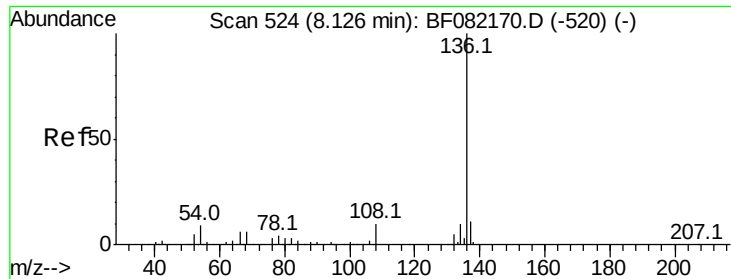
MMdadoda
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#20
3+4-Methylphenols
Concen: 39.12 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.9	109.9
77	118.0	106.0	146.0
79	29.2	9.8	49.8





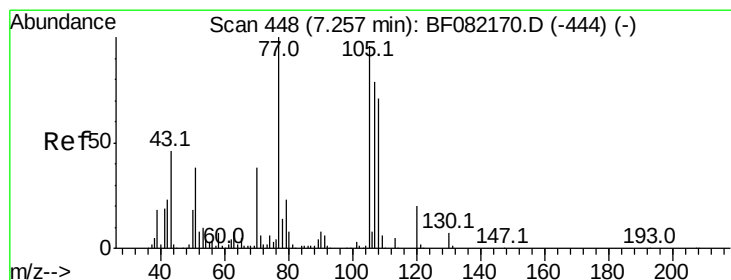
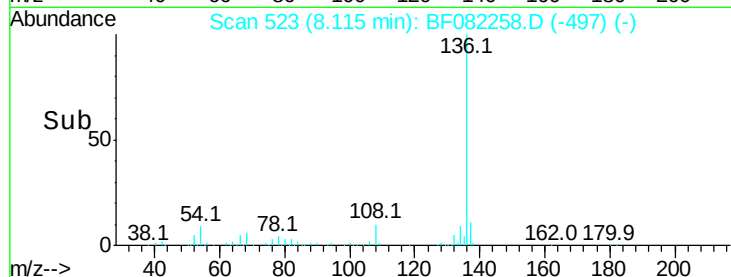
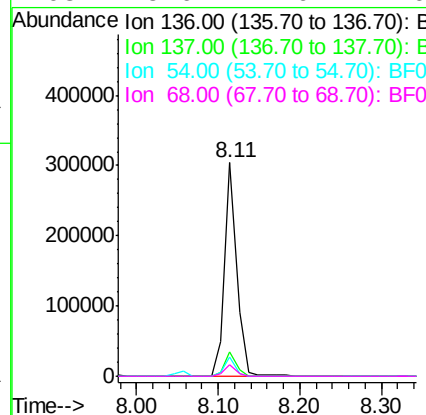
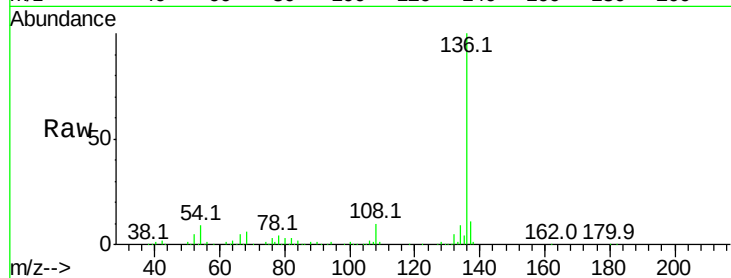
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	8.8	7.5	11.3	
68	5.6	4.6	7.0	

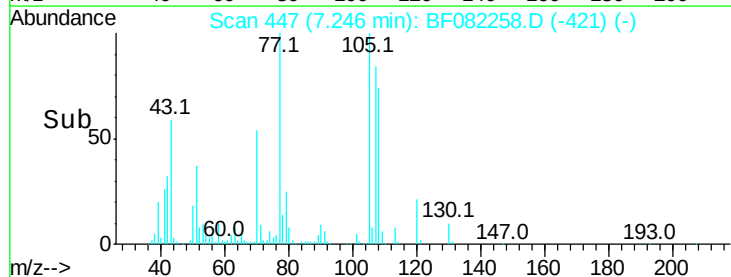
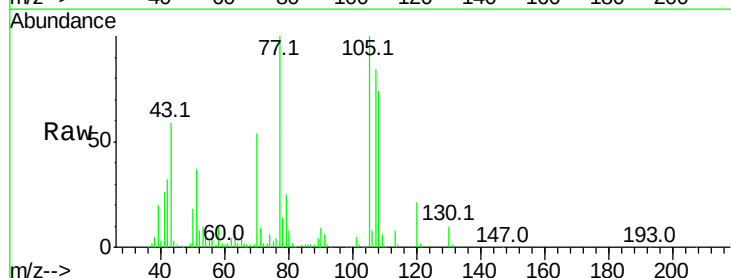
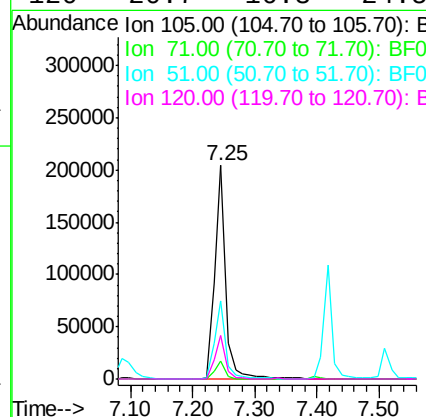
Manual Integrations
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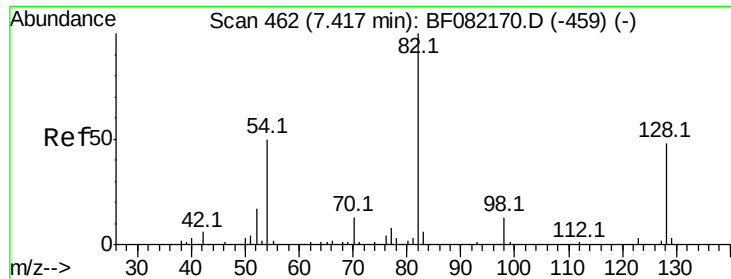
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#22
Acetophenone
Concen: 40.06 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	5.4	8.0#	
51	36.7	31.8	47.6	
120	20.7	16.3	24.5	





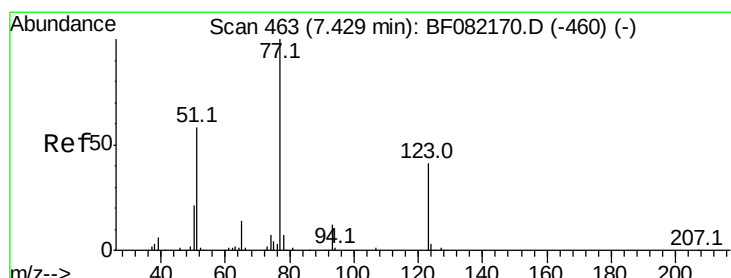
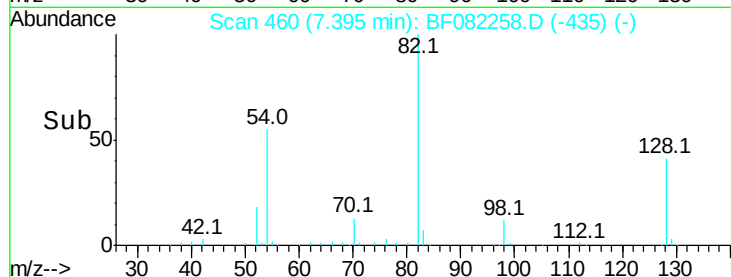
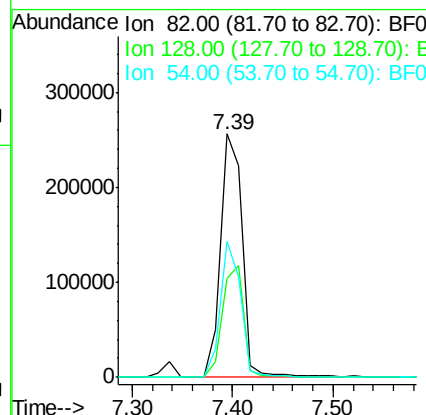
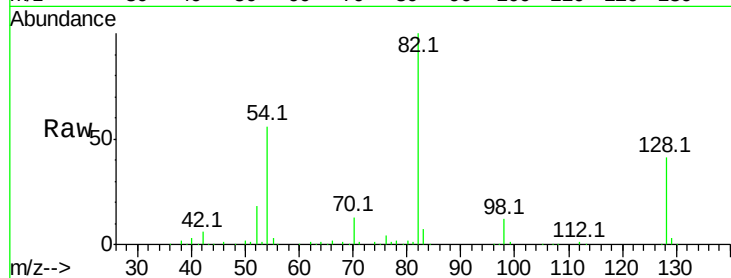
#23
 Nitrobenzene-d5
 Concen: 82.16 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.9	38.7	58.1	
54	55.7	40.1	60.1	

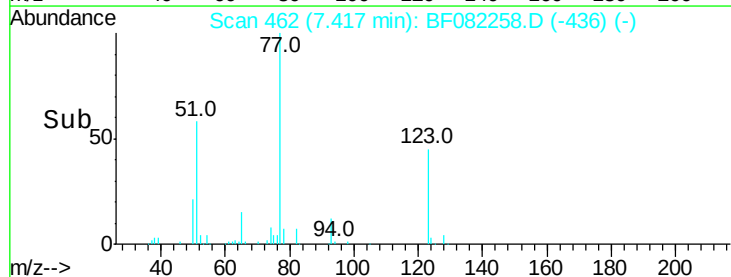
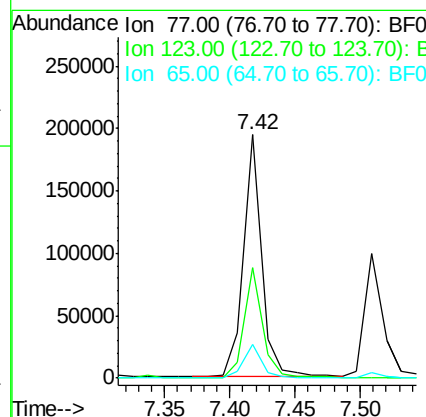
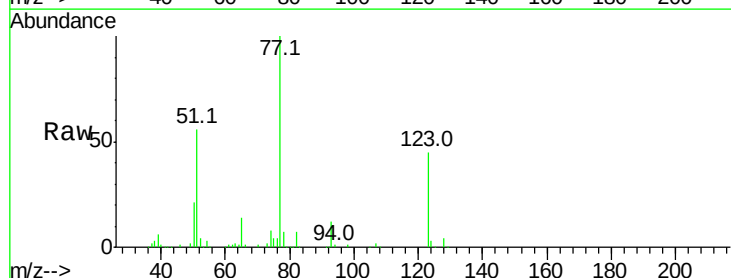
Manual Integrations
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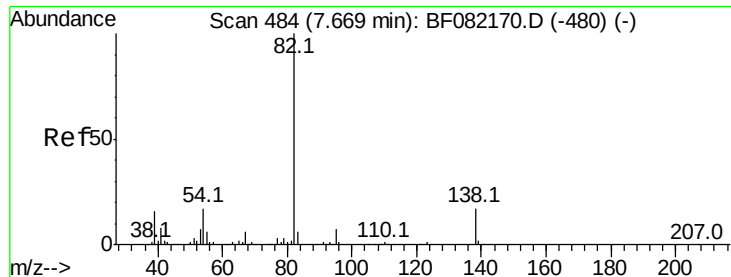
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#24
 Nitrobenzene
 Concen: 37.05 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.5	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 36.82 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

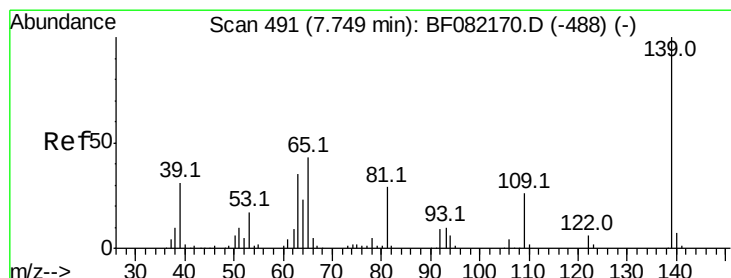
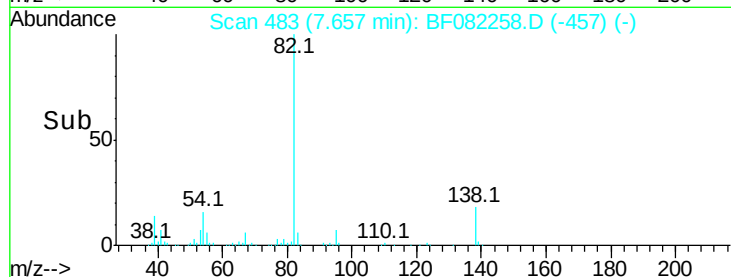
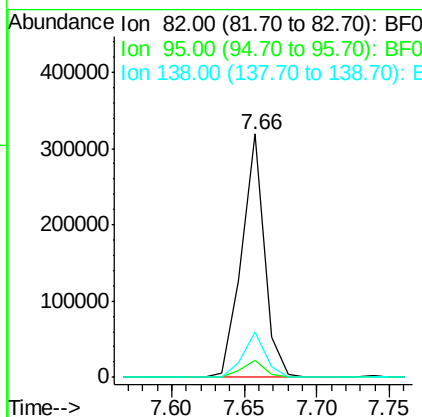
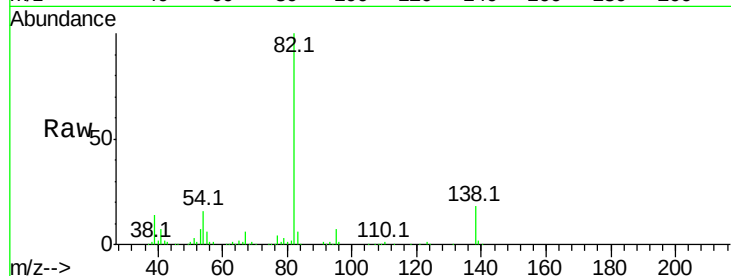
ClientSampleId :

PB86079BS

Manual Integrations
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MMdadoda
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Tot Ion:	82	Resp:	347279
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	18.4	13.6	20.4



#26

2-Nitrophenol

Concen: 41.20 ng

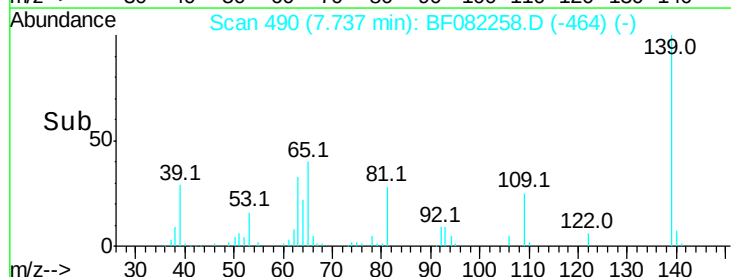
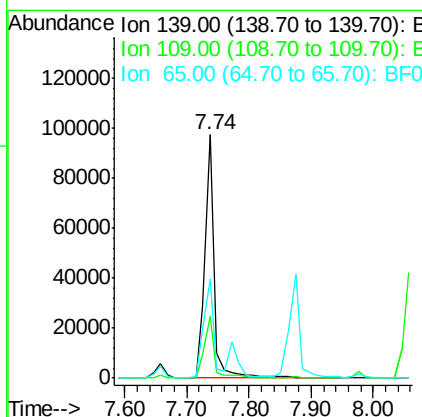
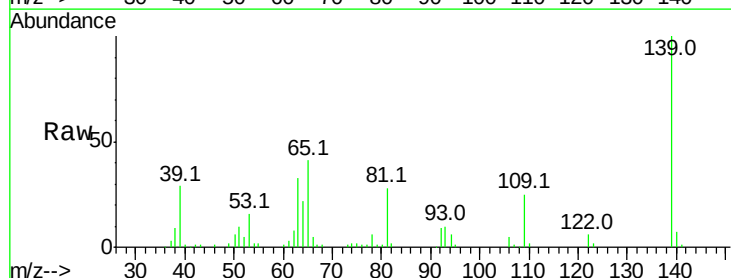
RT: 7.74 min Scan# 490

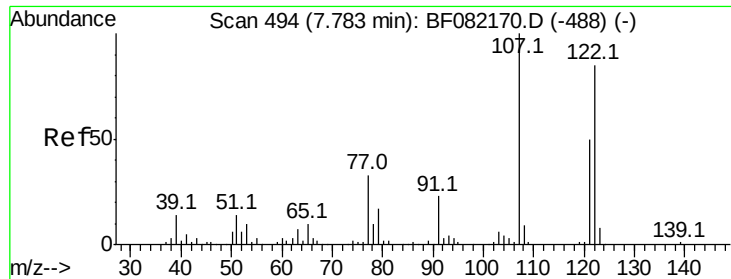
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:	139	Resp:	104071
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.6	31.0
65	40.6	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 38.82 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

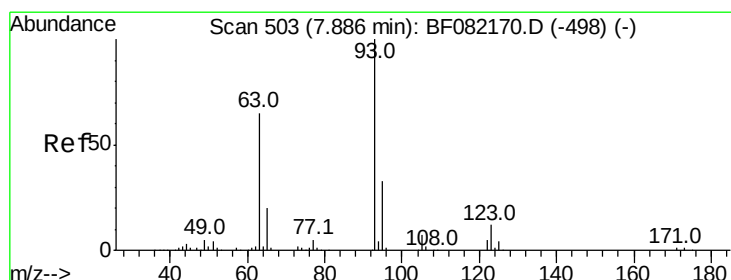
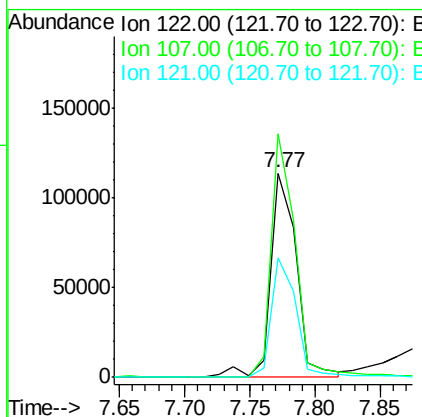
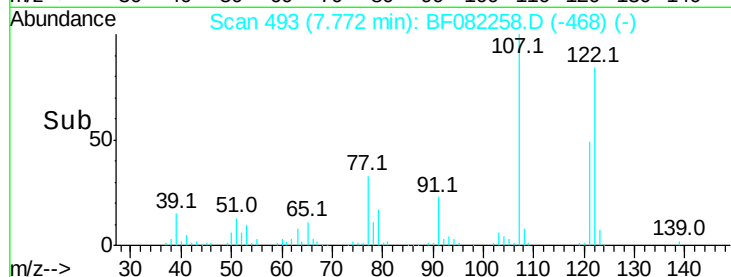
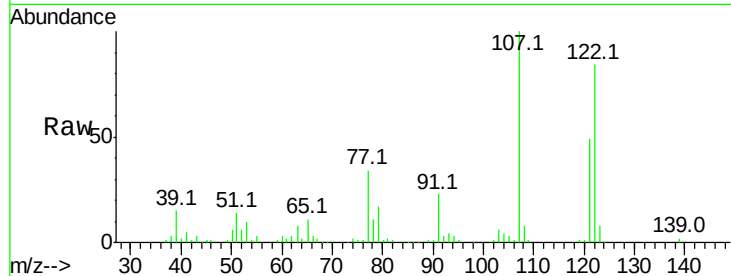
ClientSampleId :

PB86079BS

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Tot Ion	Ratio	Resp	Lower	Upper
122	100	157975		
107	119.3	94.0	141.0	
121	58.3	46.8	70.2	



#28

bis(2-Chloroethoxy)methane

Concen: 40.38 ng

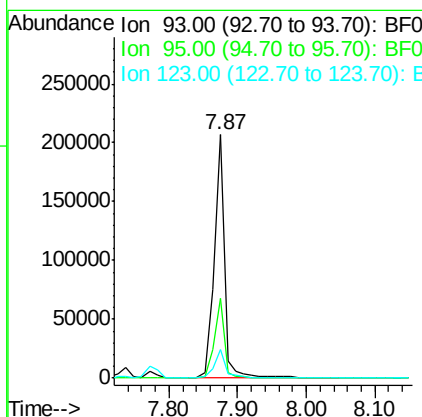
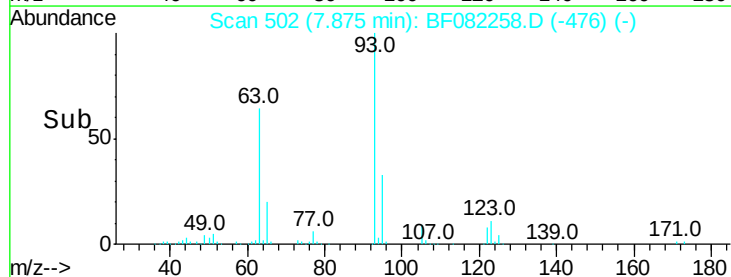
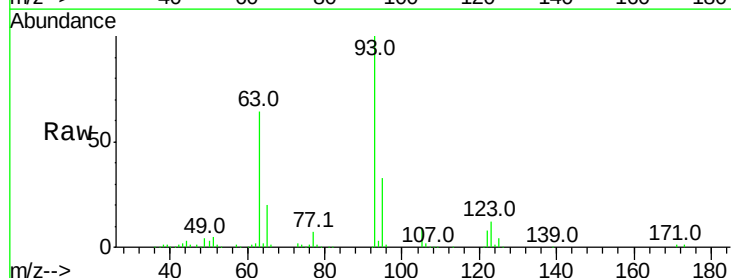
RT: 7.87 min Scan# 502

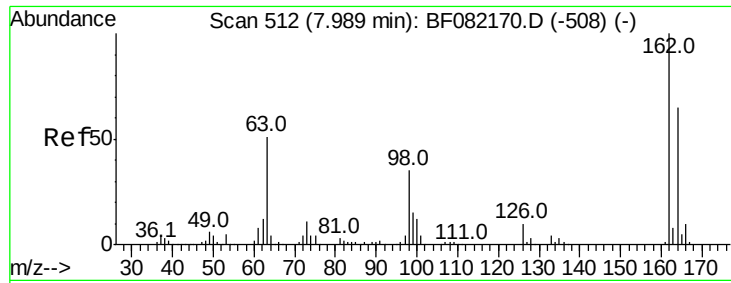
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	221588		
95	32.8	26.6	39.8	
123	11.5	9.5	14.3	





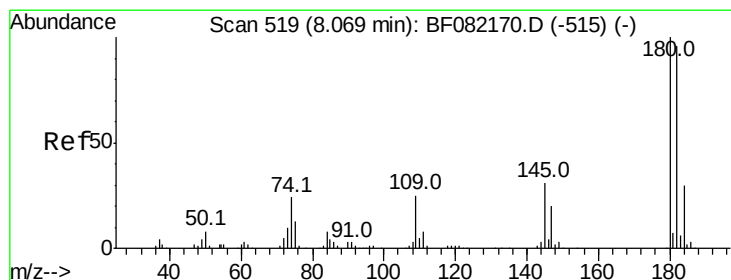
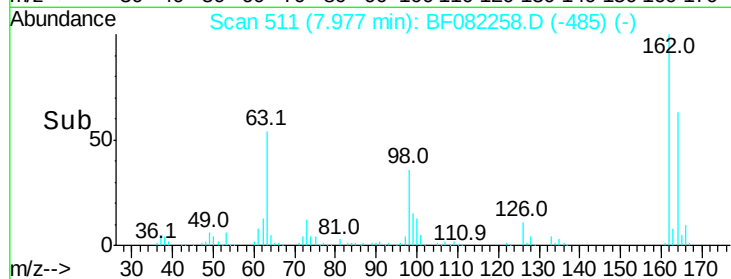
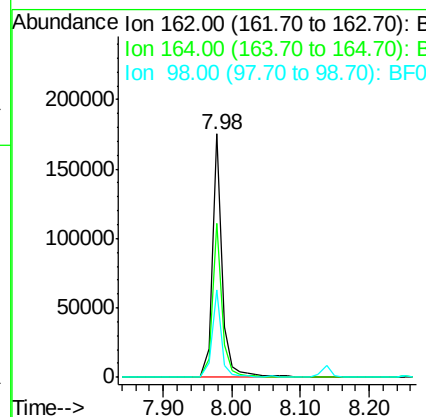
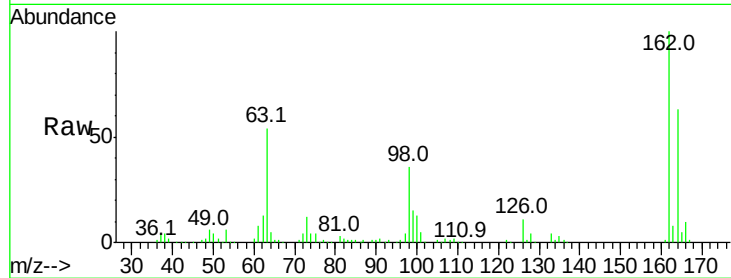
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	174516		
164	63.4	44.6	84.6	
98	35.9	15.0	55.0	

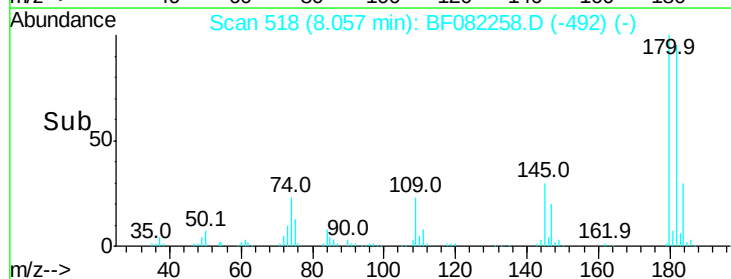
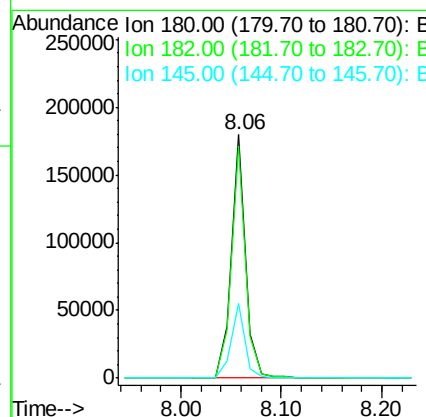
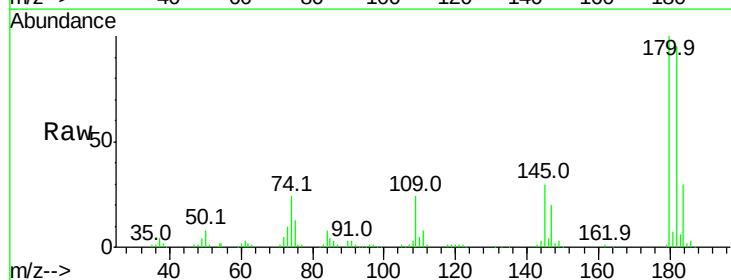
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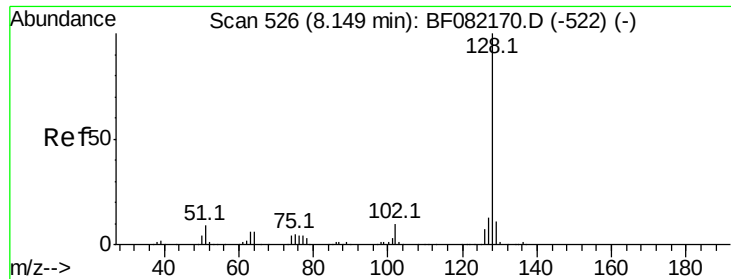
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	176379		
182	95.2	77.0	115.4	
145	30.5	25.0	37.4	





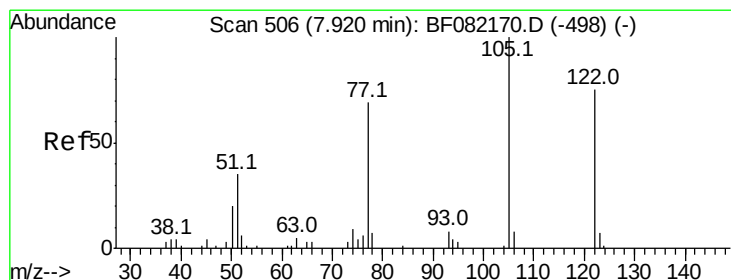
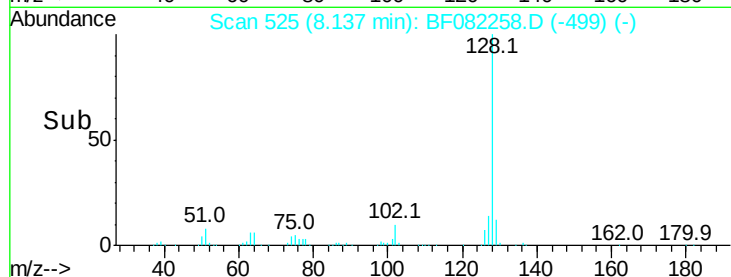
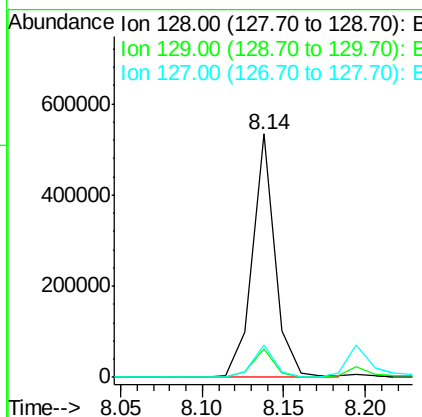
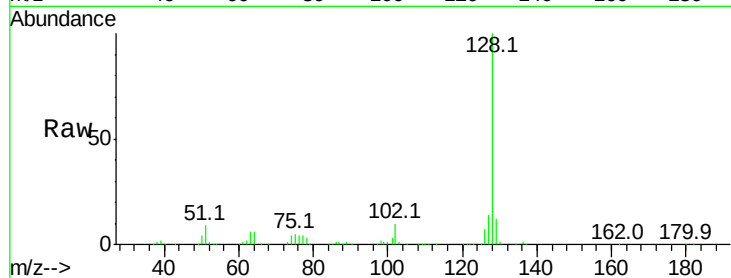
#31
Naphthalene
Concen: 38.01 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	517074		
129	11.6		9.1	13.7
127	13.5		10.7	16.1

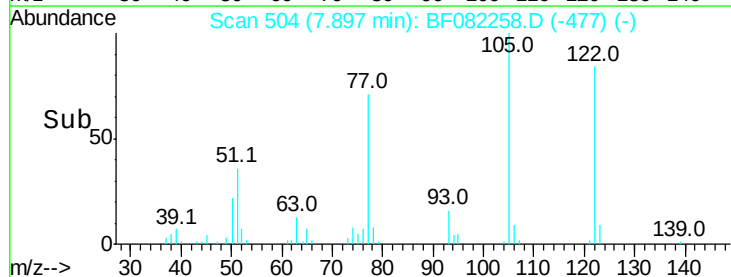
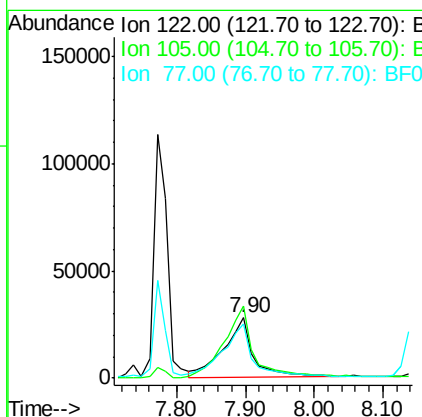
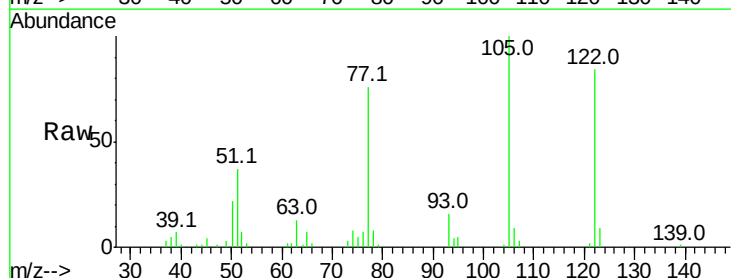
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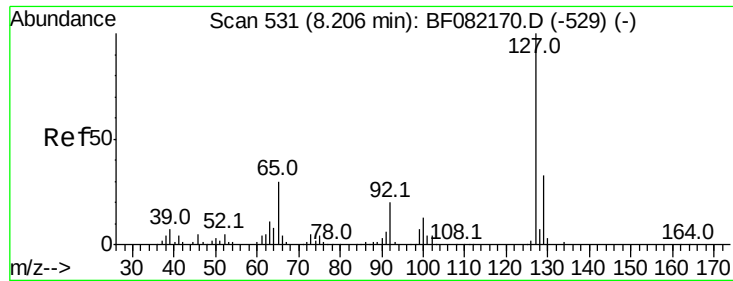
MMdadoda
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#32
Benzoic acid
Concen: 30.09 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	82168		
105	119.6		104.4	144.4
77	90.4		69.0	109.0





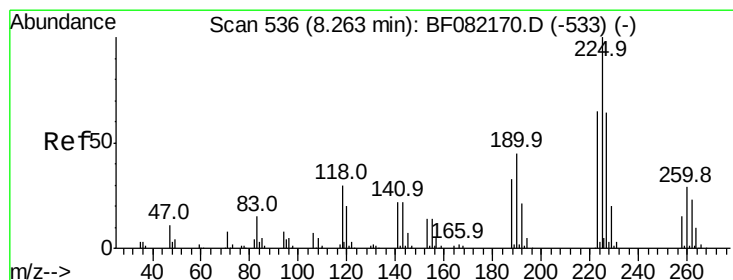
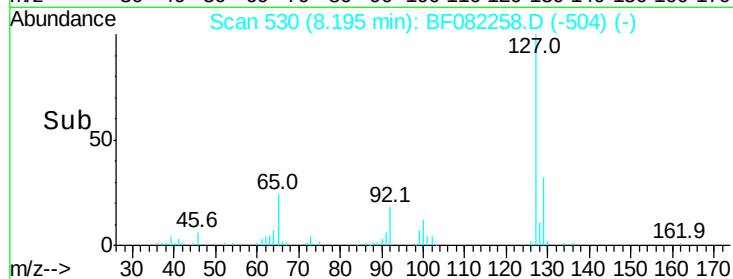
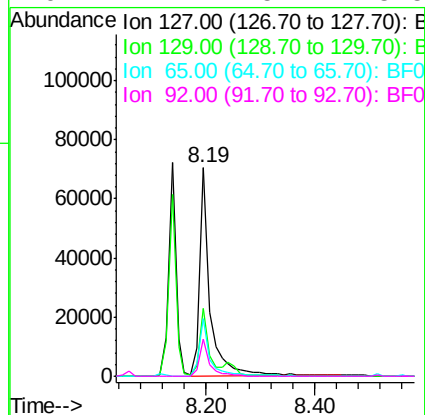
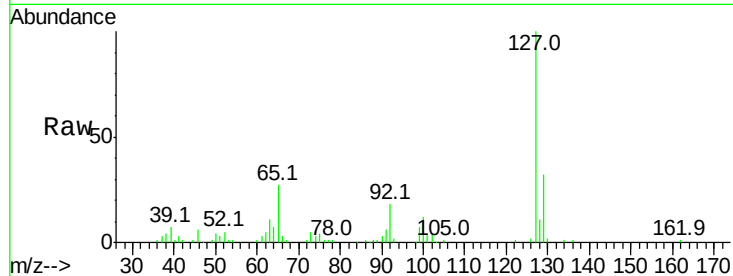
#33
4-Chloroaniline
Concen: 16.24 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.5	24.4	36.6
92	17.7	15.7	23.5

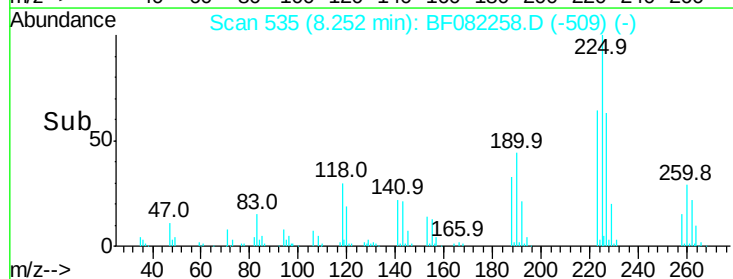
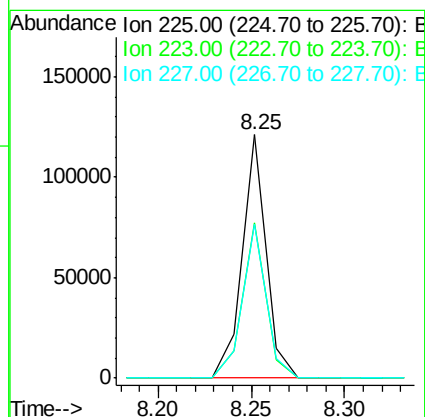
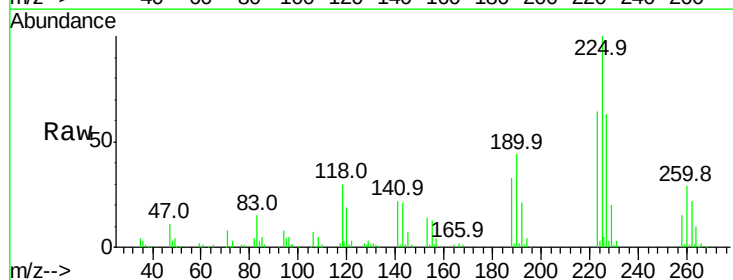
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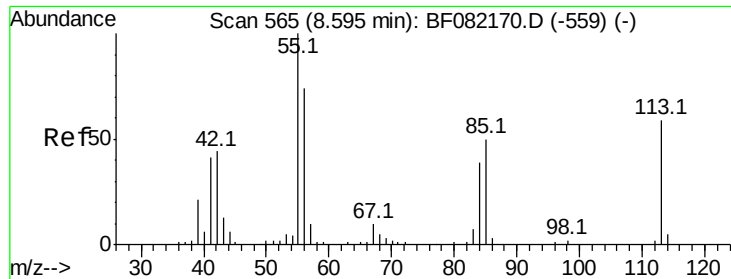
MMdadoda
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#34
Hexachlorobutadiene
Concen: 37.18 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.2
227	63.2	51.3	76.9





#35

Caprolactam

Concen: 40.65 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082258.D

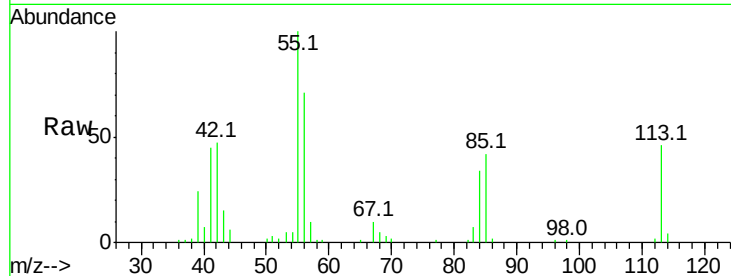
Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS



Tot Ion:113 Resp: 47995

Ion Ratio Lower Upper

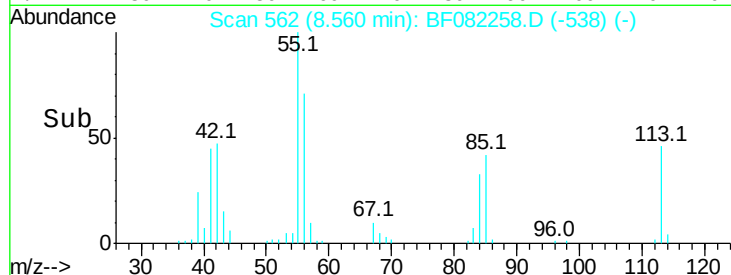
113 100

55 215.6 149.7 189.7#

56 154.2 105.4 145.4#

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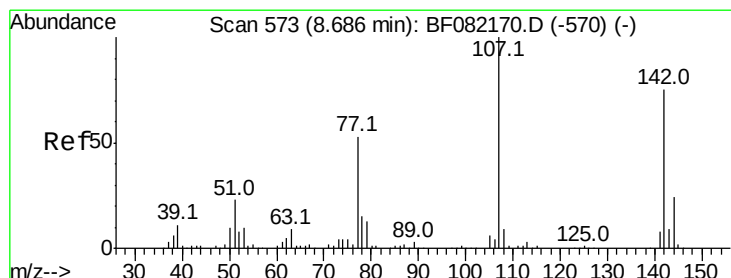
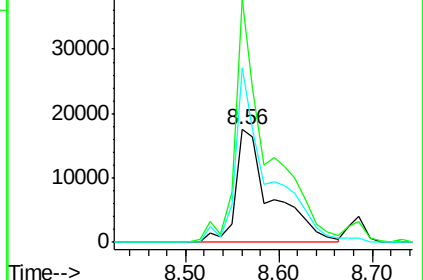
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.21 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

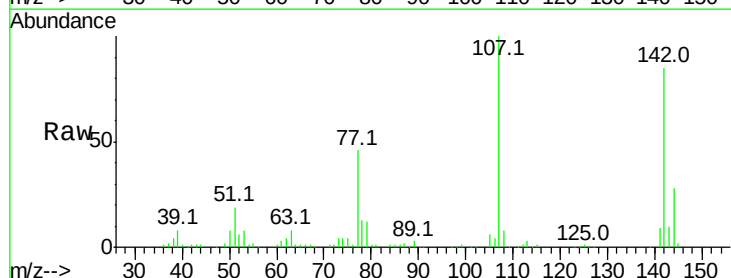
Tgt Ion:107 Resp: 171900

Ion Ratio Lower Upper

107 100

144 27.8 19.3 28.9

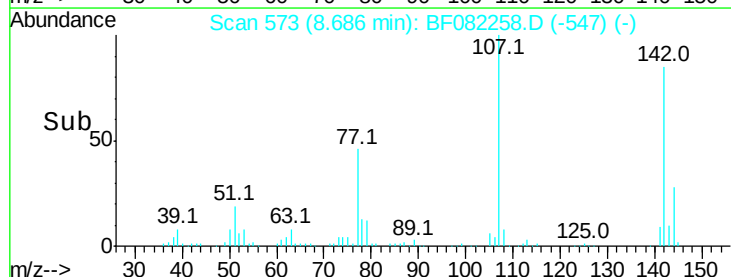
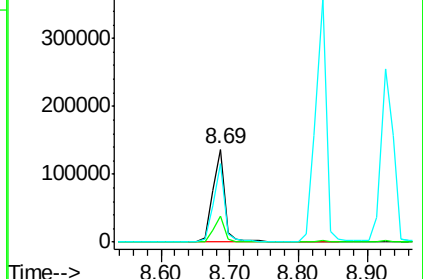
142 84.9 59.9 89.9

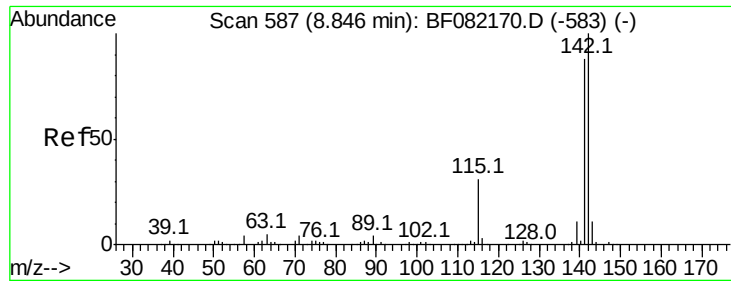


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.16 ng

RT: 8.83 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

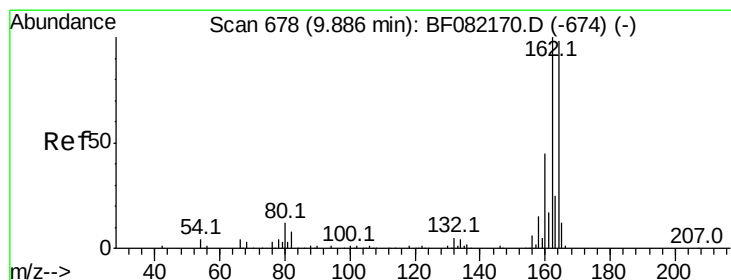
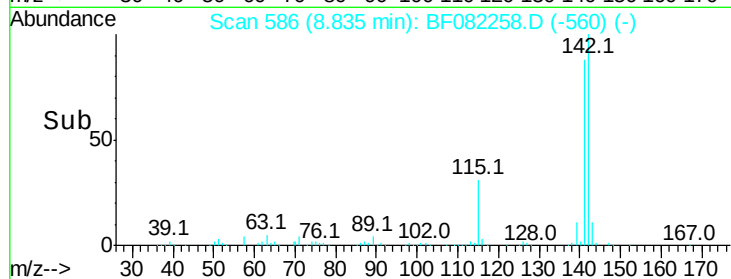
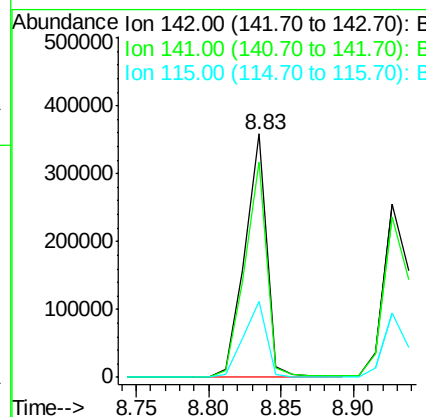
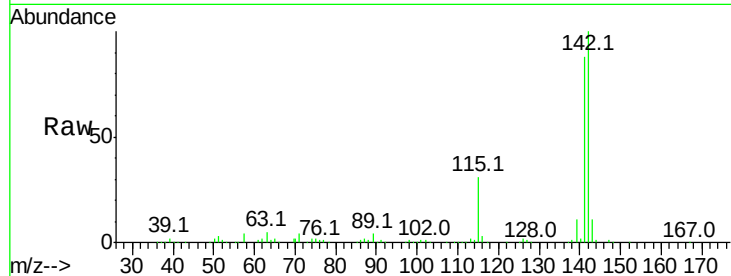
ClientSampleId :

PB86079BS

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Tot Ion	Ratio	Resp	Lower	Upper
142	100	378773		
141	88.5		70.4	105.6
115	31.0		24.6	37.0



#38

Acenaphthene-d10

Concen: 20.00 ng

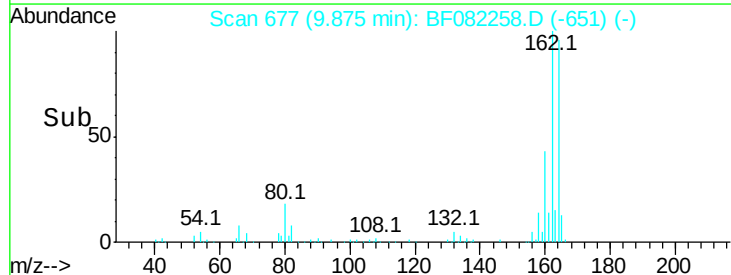
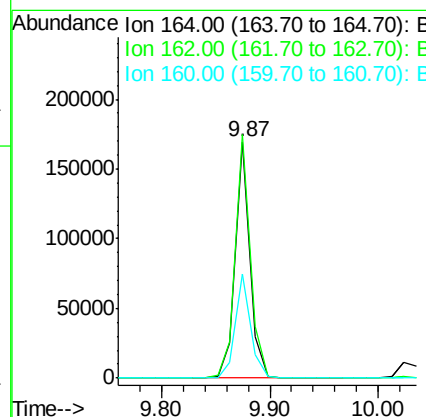
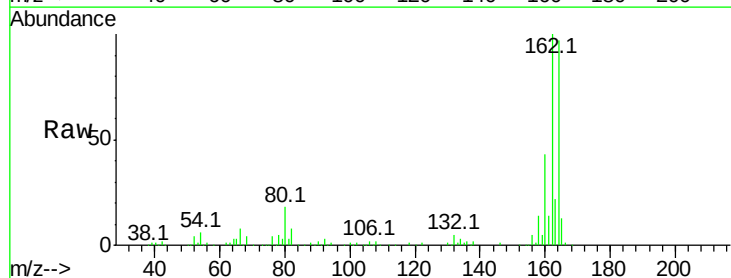
RT: 9.87 min Scan# 677

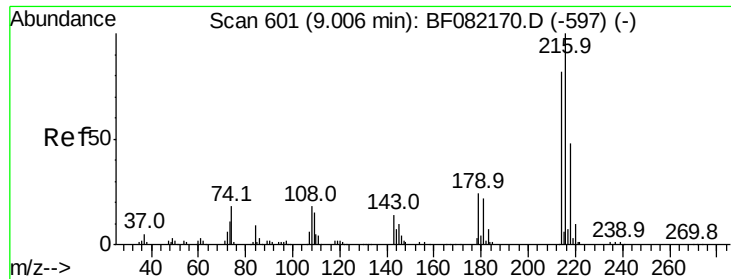
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156658		
162	103.2		81.6	122.4
160	44.0		36.4	54.6





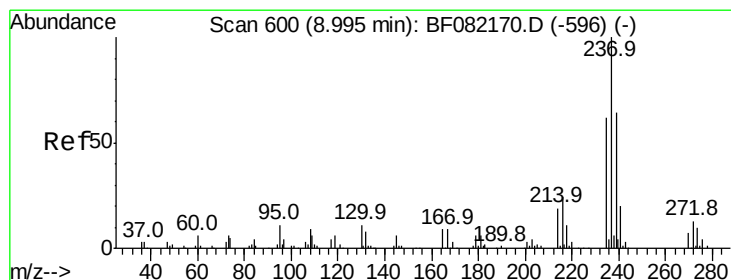
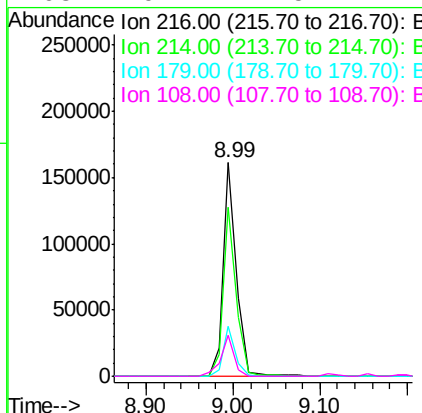
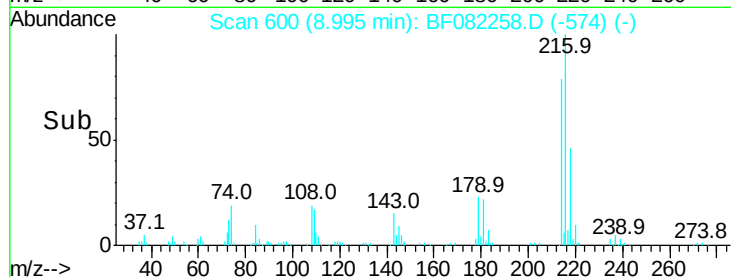
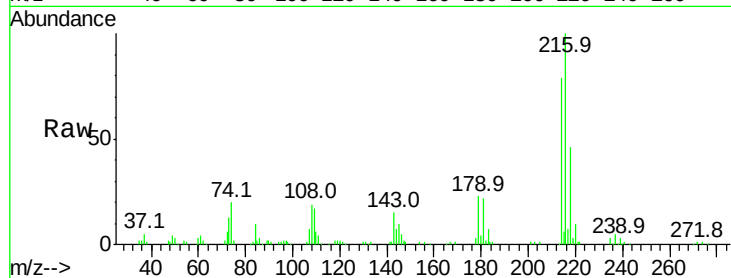
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.94 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

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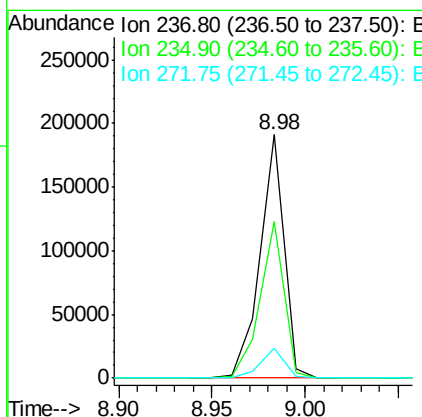
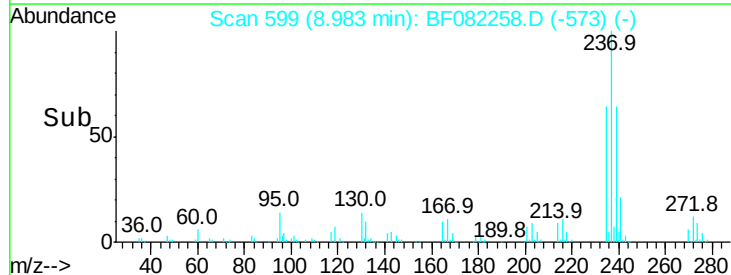
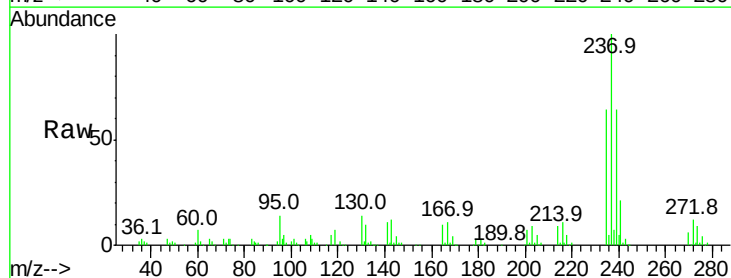
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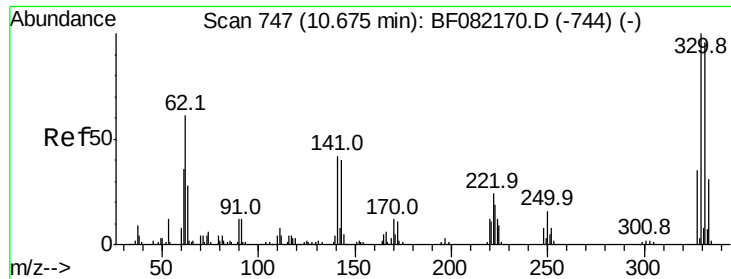
Tot Ion	Ratio	Resp	Lower	Upper
216	100	172106		
214	78.3	64.6	97.0	
179	21.1	17.6	26.4	
108	19.4	14.5	21.7	



#40
 Hexachlorocyclopentadiene
 Concen: 72.94 ng
 RT: 8.98 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	170053		
235	64.3	41.7	81.7	
272	12.0	0.0	32.8	





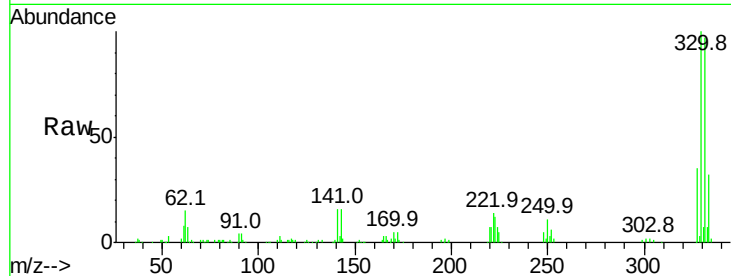
#41
 2,4,6-Tribromophenol
 Concen: 128.33 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

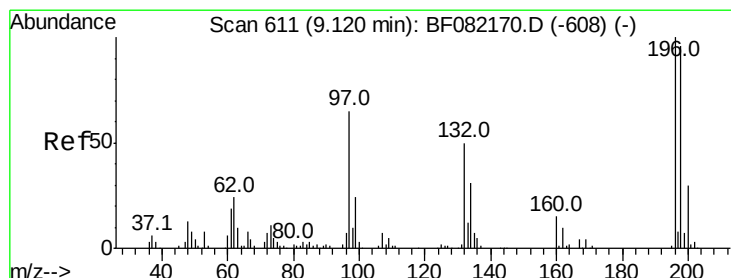
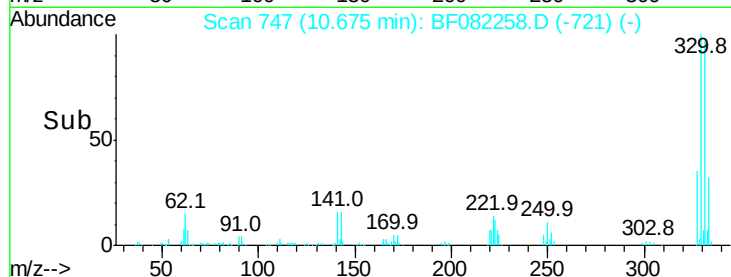
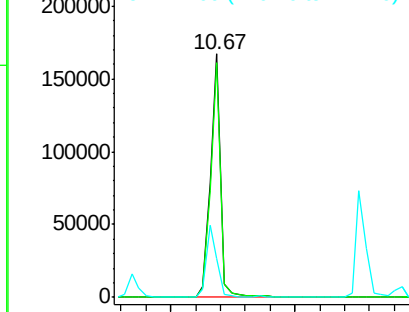
Tot Ion	Ratio	Resp	Lower	Upper
330	100	188539		
332	95.5	77.1	115.7	
141	31.8	29.8	44.8	

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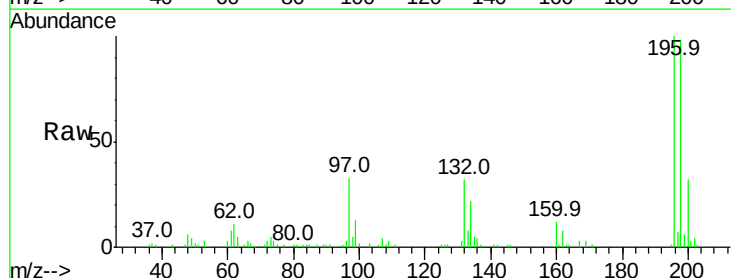


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

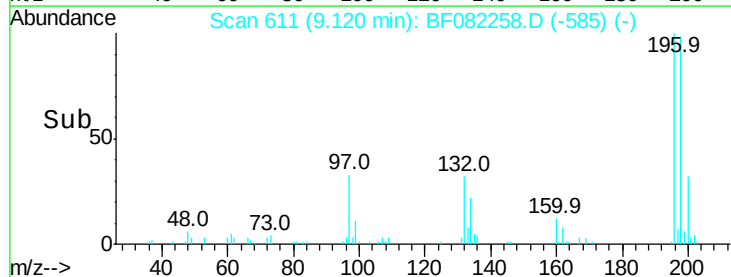
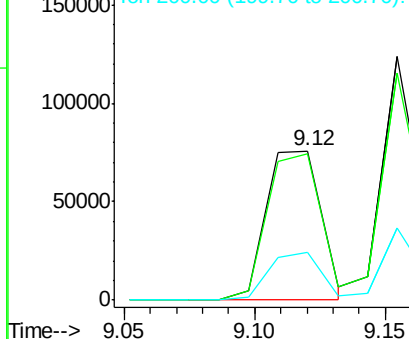


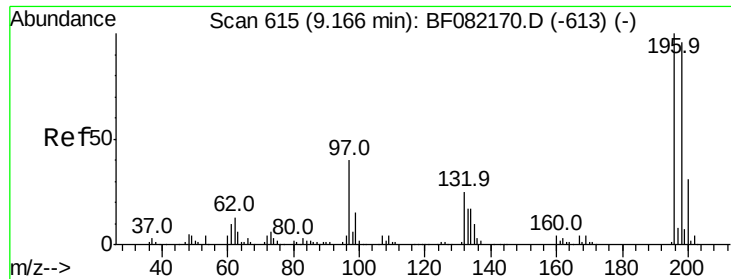
#42
 2,4,6-Trichlorophenol
 Concen: 35.99 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111371		
198	97.6	76.6	115.0	
200	31.7	23.7	35.5	



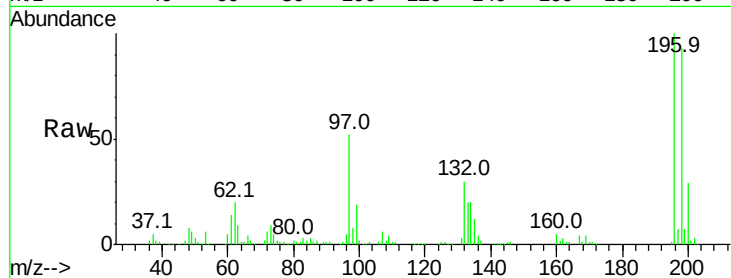
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 38.83 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

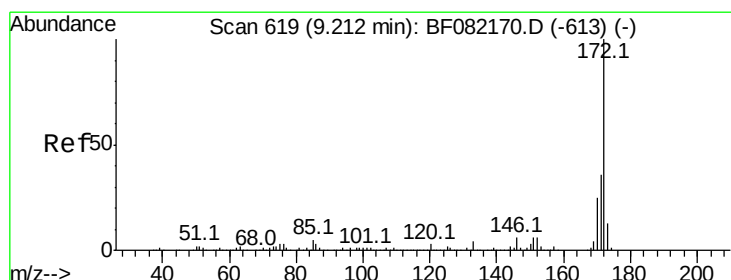
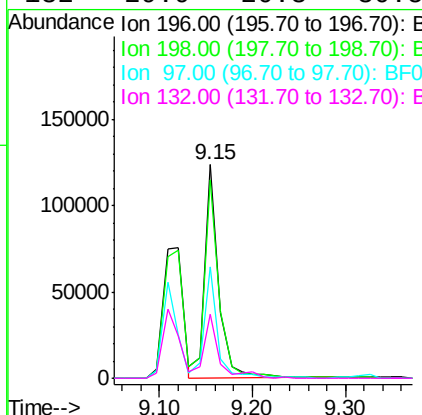
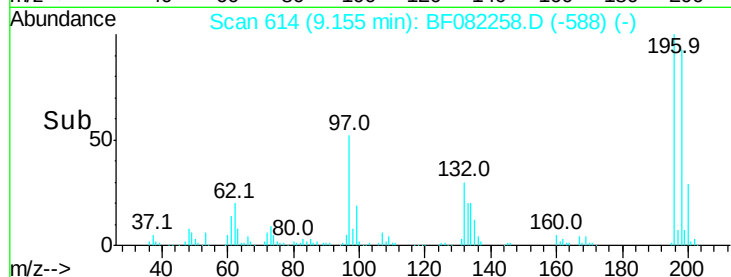
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	130175		
198	93.1	77.0	115.4	
97	52.0	31.9	47.9	
132	29.9	20.3	30.5	

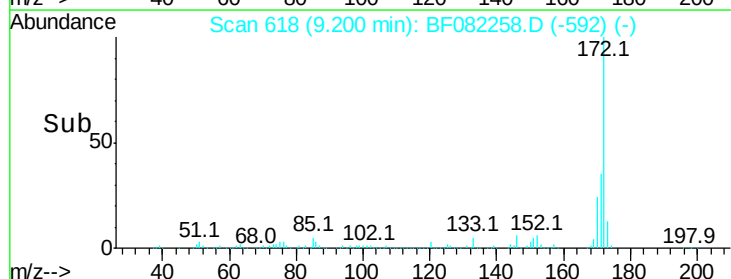
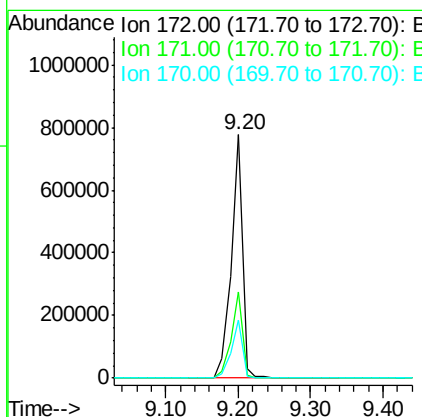
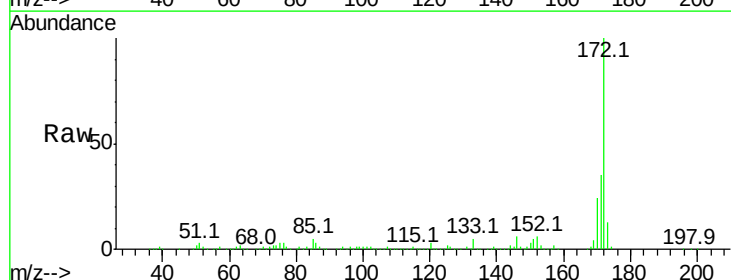
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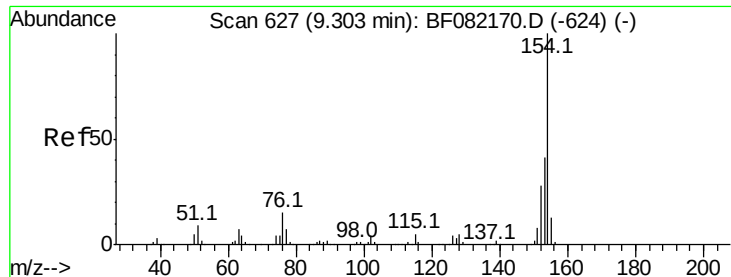
MMdadoda
 10/14/2015 3:51:16 PM



#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	833780		
171	35.5	28.6	42.8	
170	24.0	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 37.18 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

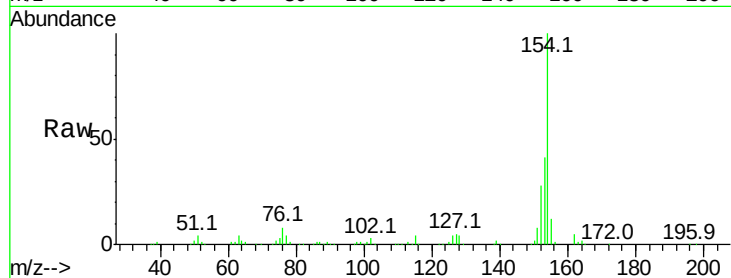
ClientSampleId :

PB86079BS

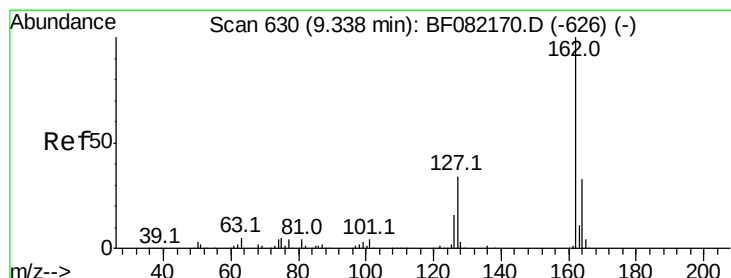
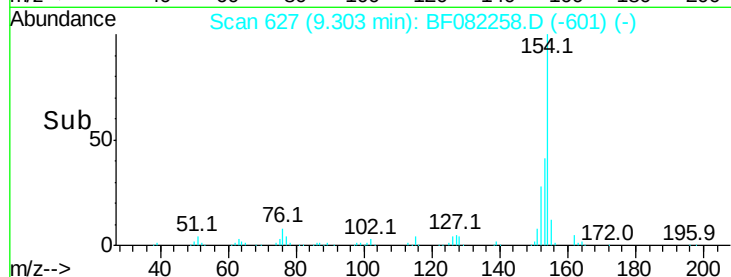
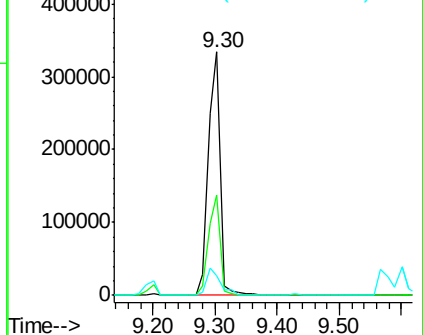
Tot Ion:	154	Resp:	444151
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	7.8	0.0	35.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.81 ng

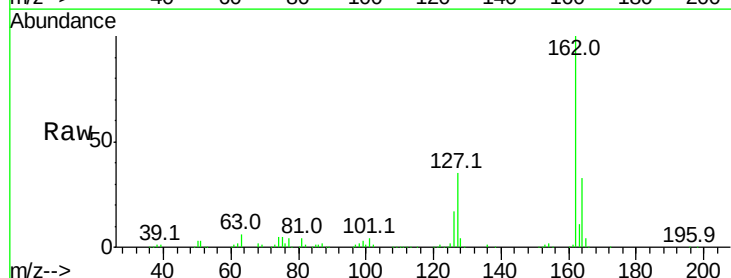
RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

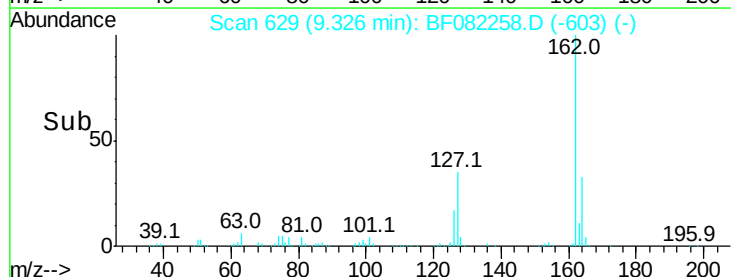
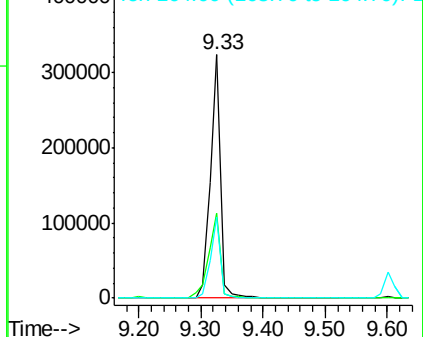
Lab File: BF082258.D

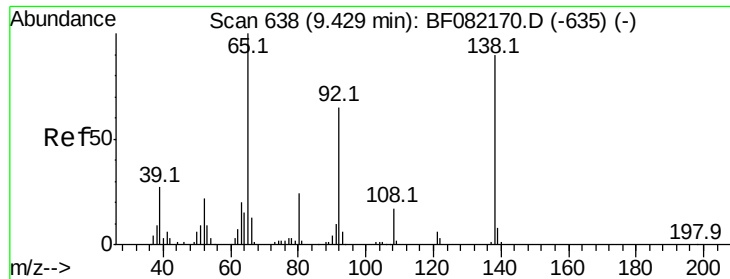
Acq: 13 Oct 2015 17:08

Tgt Ion:	162	Resp:	364943
Ion Ratio	Lower	Upper	
162	100		
127	34.8	27.5	41.3
164	33.4	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





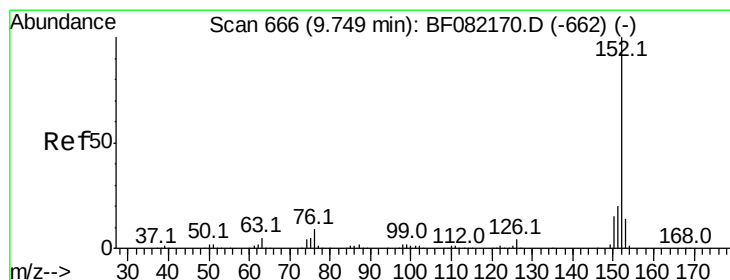
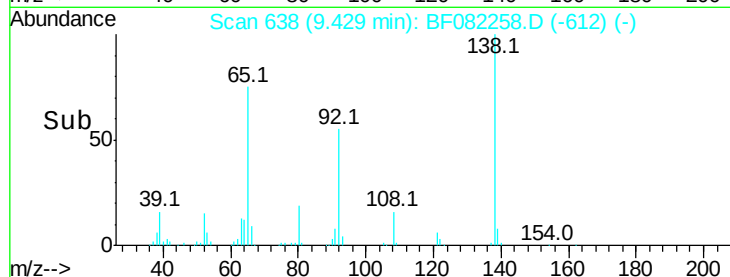
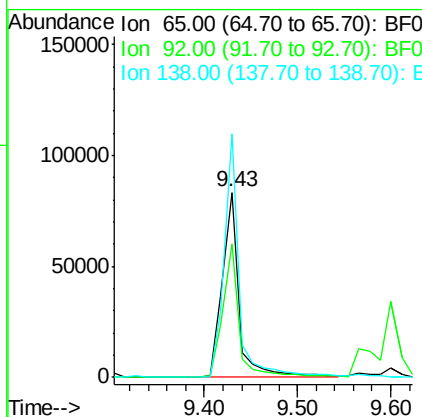
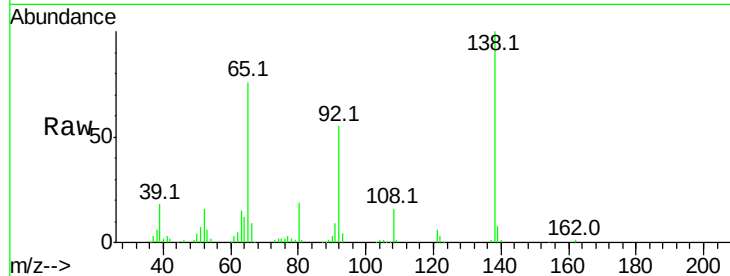
#47
2-Nitroaniline
Concen: 40.17 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.3	52.3	78.5	
138	131.8	72.2	108.4	

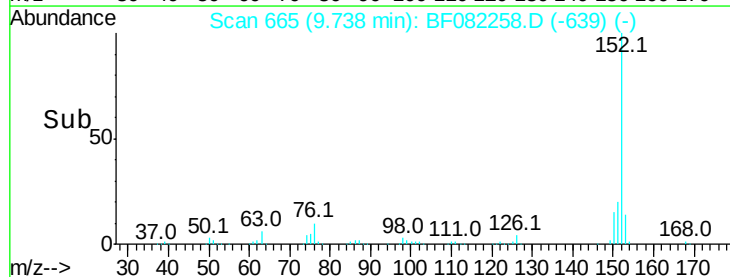
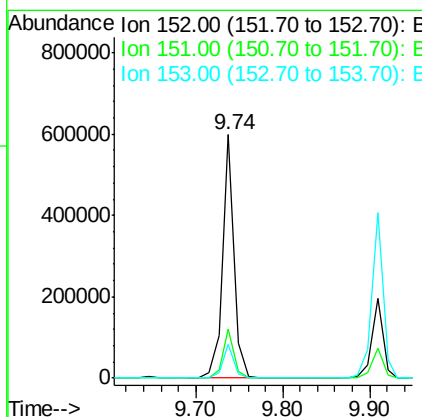
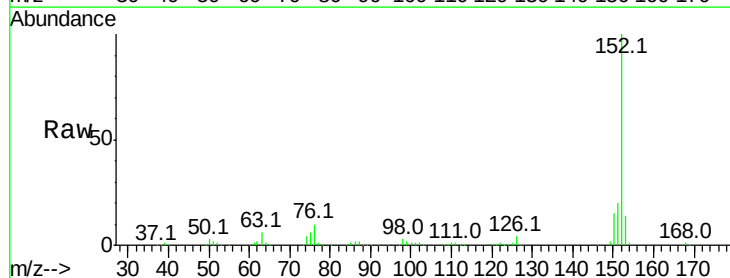
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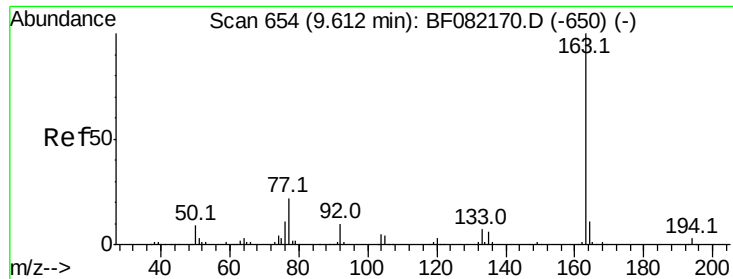
MMdadoda
10/14/2015 3:51:16 PM



#48
Acenaphthylene
Concen: 38.36 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.3	16.4	24.6	
153	13.6	10.8	16.2	





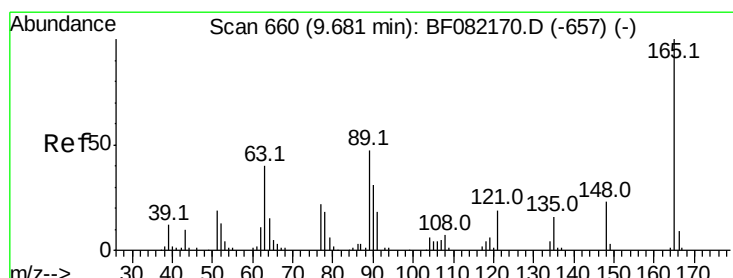
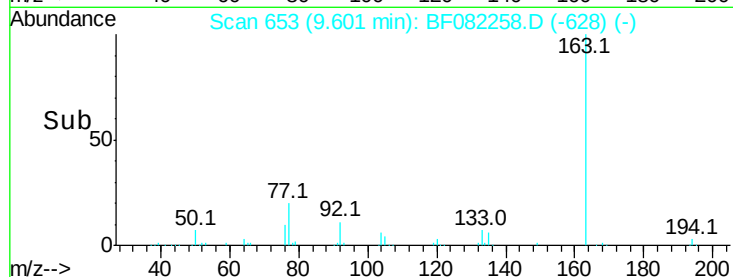
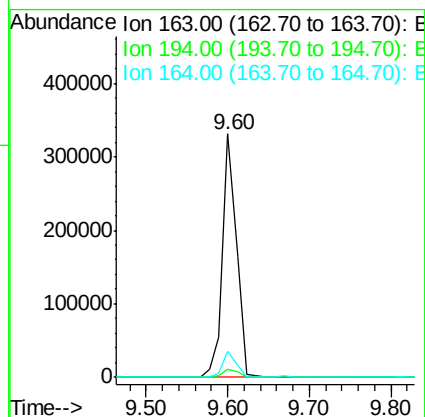
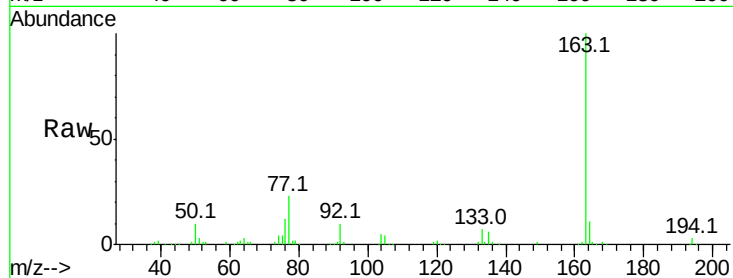
#49
Dimethylphthalate
Concen: 35.55 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.5	12.7

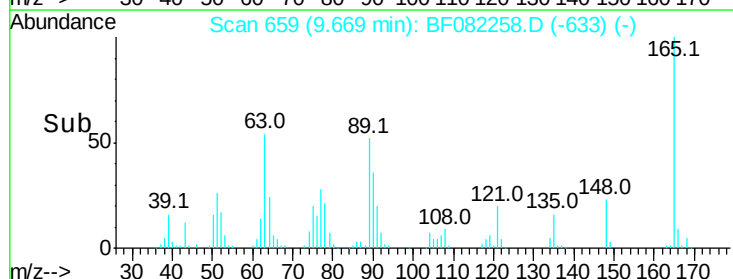
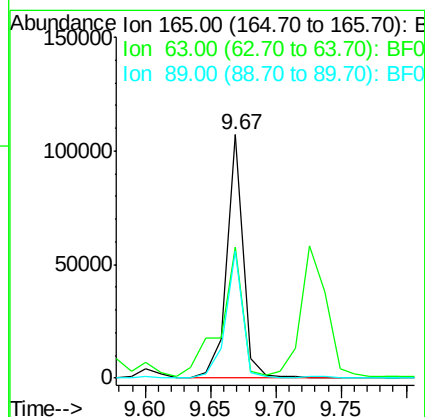
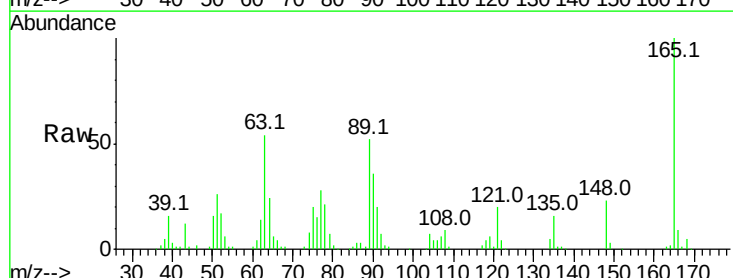
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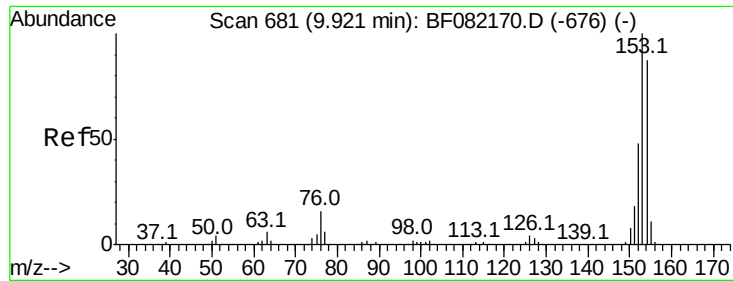
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 40.70 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.0	36.7	55.1
89	52.4	37.8	56.6





#51

Acenaphthene

Concen: 36.70 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

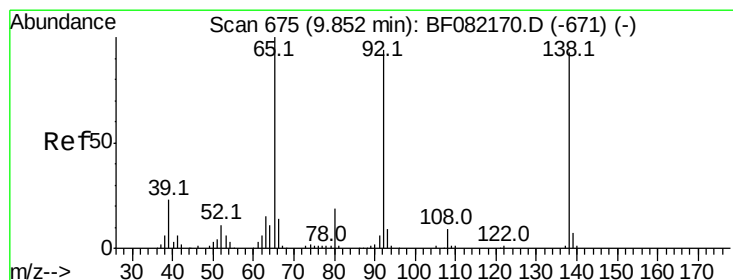
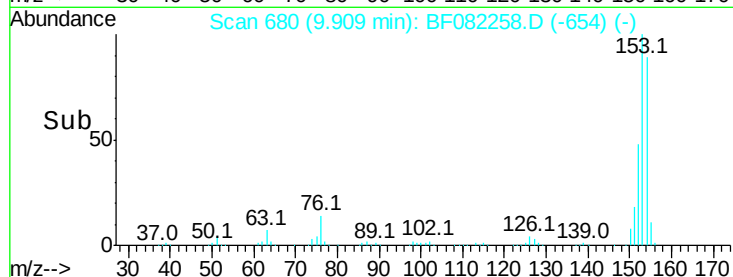
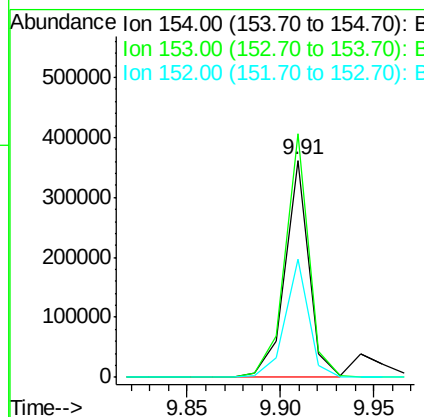
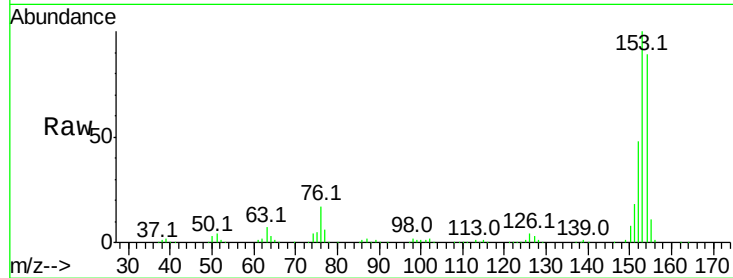
ClientSampleId :

PB86079BS

Tot Ion:	154	Resp:	322741
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.4	137.2
152	54.2	44.3	66.5

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#52

3-Nitroaniline

Concen: 19.84 ng

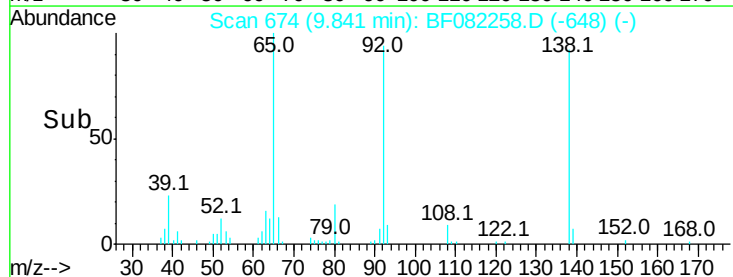
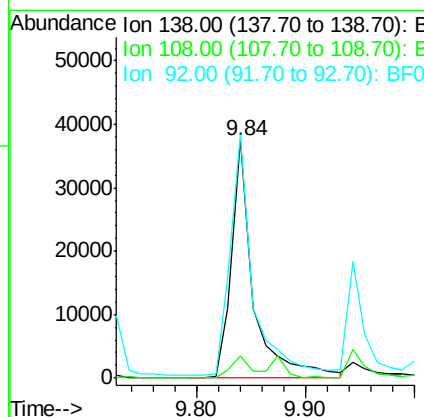
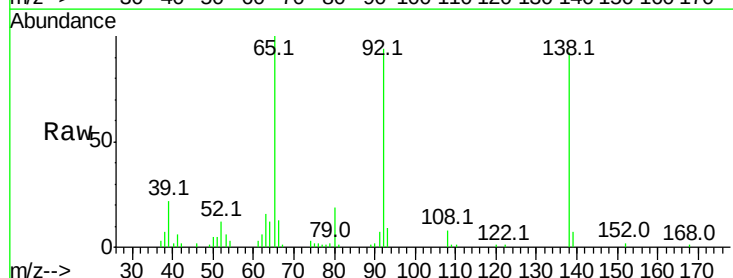
RT: 9.84 min Scan# 674

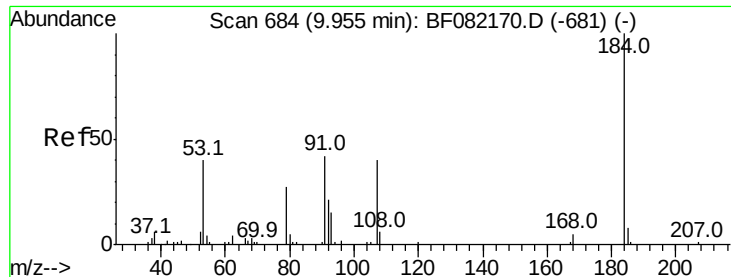
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:	138	Resp:	52167
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.4	11.0
92	102.3	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 65.87 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

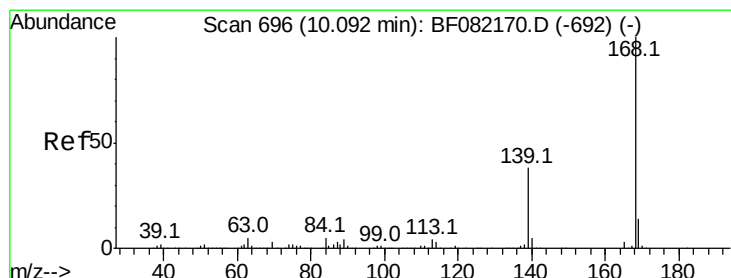
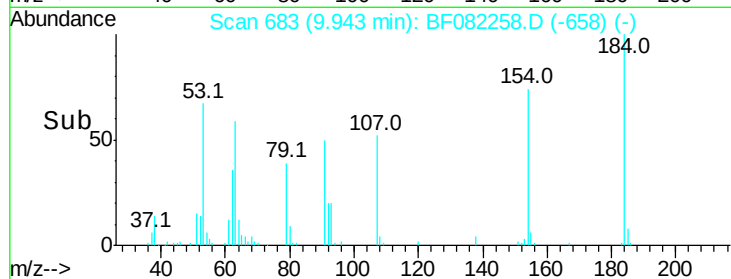
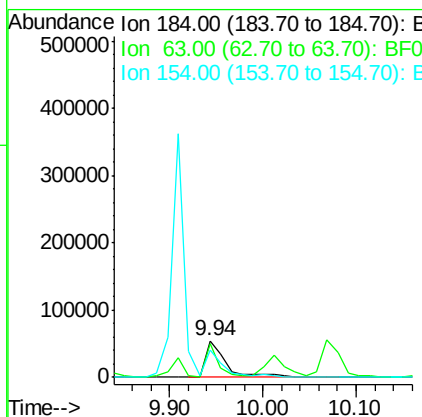
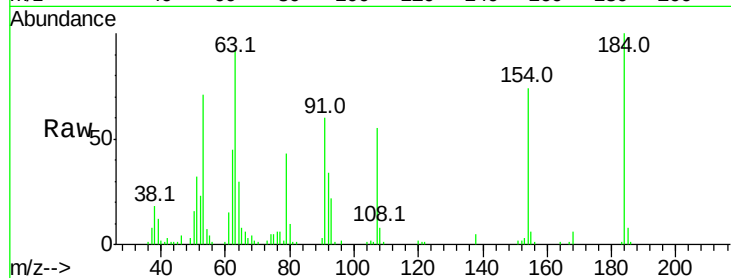
ClientSampleId :

PB86079BS

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Tot Ion:	184	Resp:	84081
Ion Ratio	Lower	Upper	
184	100		
63	92.1	45.1	67.7#
154	74.1	51.2	76.8



#54

Dibenzofuran

Concen: 39.73 ng

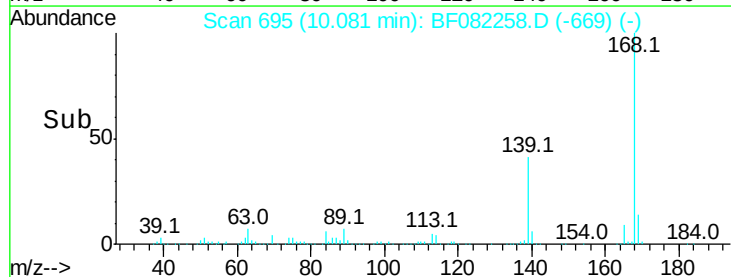
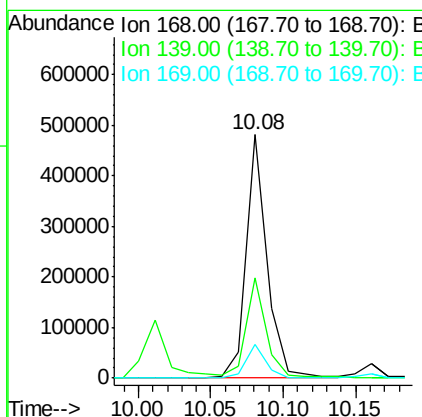
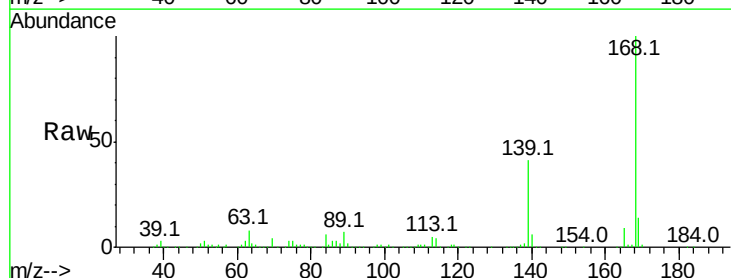
RT: 10.08 min Scan# 695

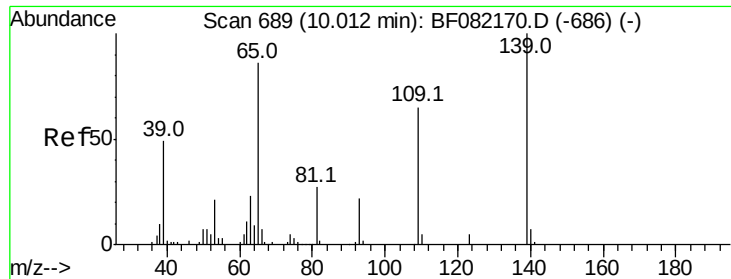
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:	168	Resp:	479743
Ion Ratio	Lower	Upper	
168	100		
139	40.9	31.0	46.6
169	13.7	10.9	16.3





#55

4-Nitrophenol

Concen: 75.36 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

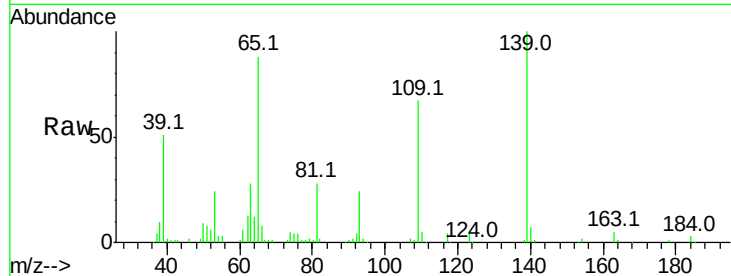
ClientSampleId :

PB86079BS

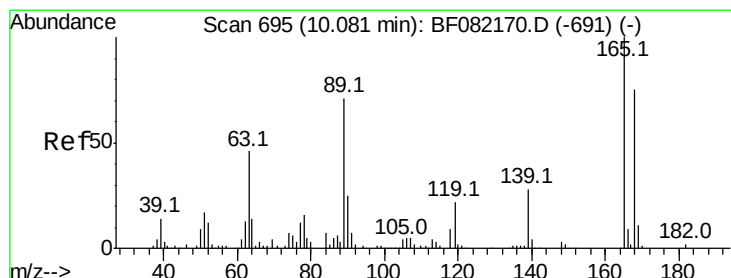
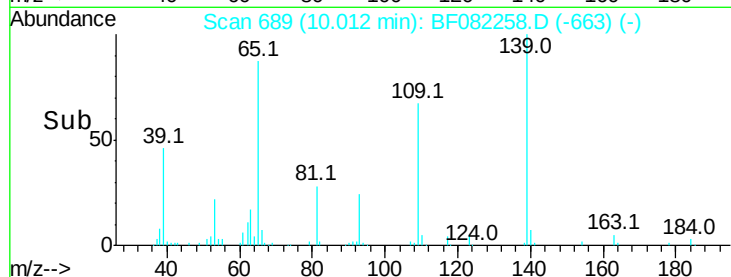
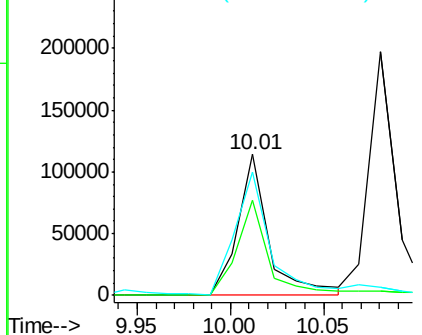
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Tot Ion	139	Resp	133728
Ion Ratio	Lower	Upper	
139	100		
109	67.4	44.8	84.8
65	87.7	67.7	107.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.63 ng

RT: 10.07 min Scan# 694

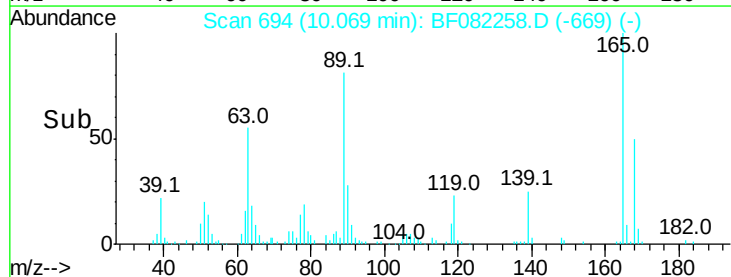
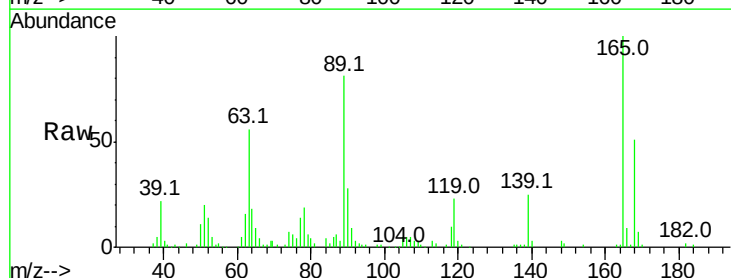
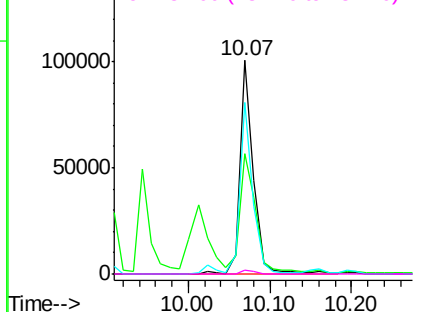
Delta R.T. -0.01 min

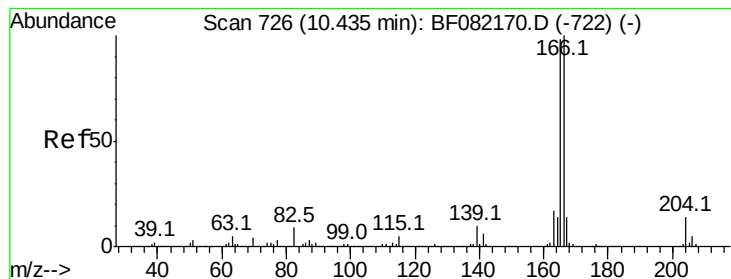
Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	165	Resp	115304
Ion Ratio	Lower	Upper	
165	100		
63	56.1	38.6	58.0
89	80.6	57.0	85.6
182	2.1	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.64 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

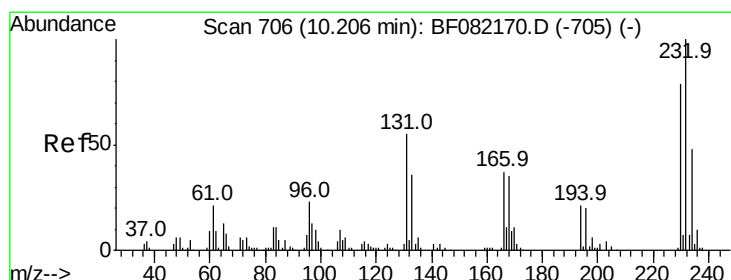
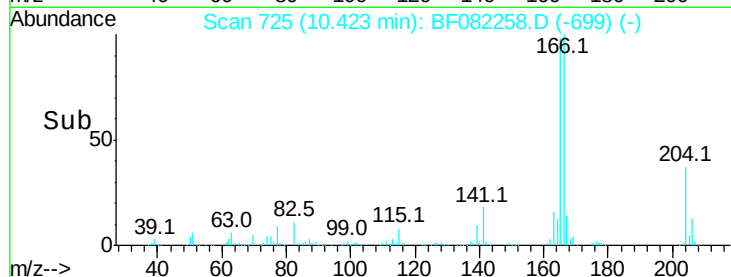
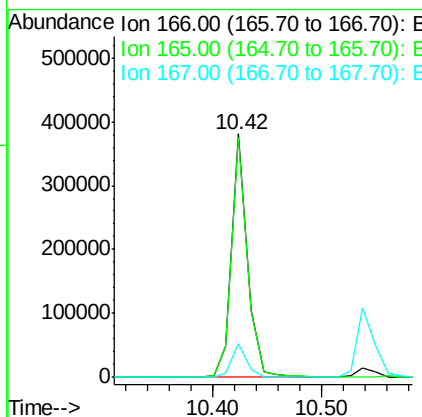
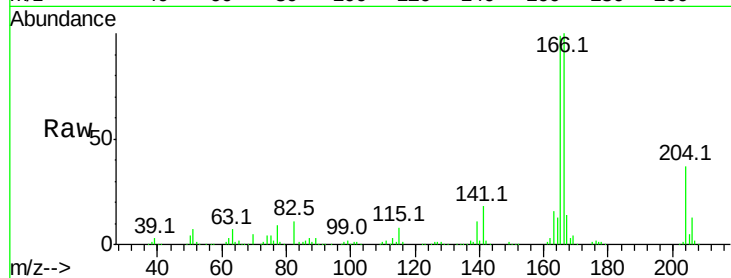
ClientSampleId :

PB86079BS

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MMdadoda
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Tot Ion	166	Resp	383150
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.3	117.5
167	13.8	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.49 ng

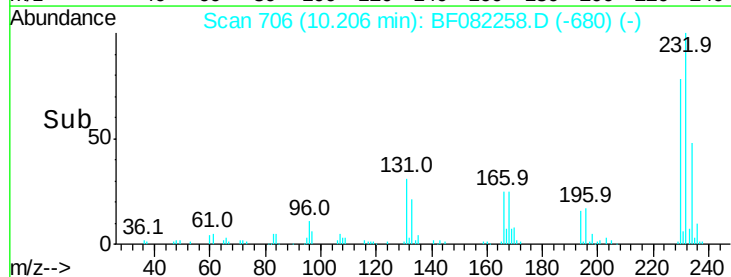
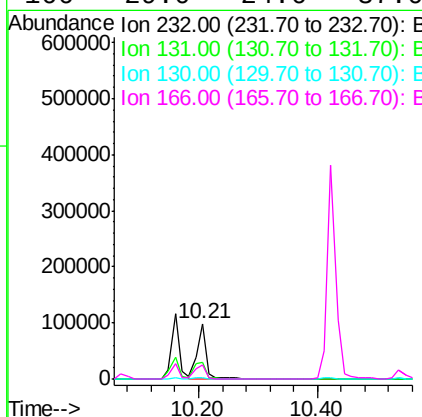
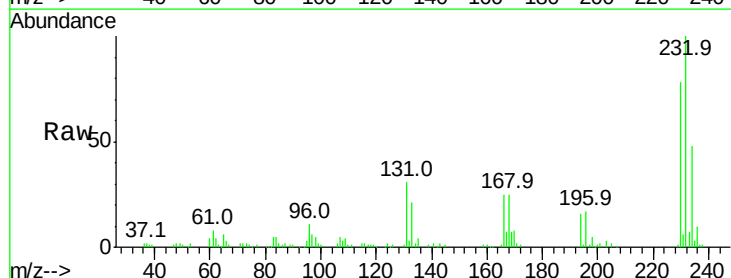
RT: 10.21 min Scan# 706

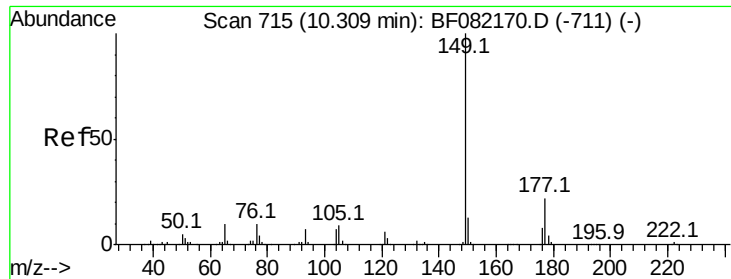
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	232	Resp	110922
Ion Ratio	Lower	Upper	
232	100		
131	41.0	36.6	54.8
130	1.8	1.5	2.3
166	29.0	24.6	37.0





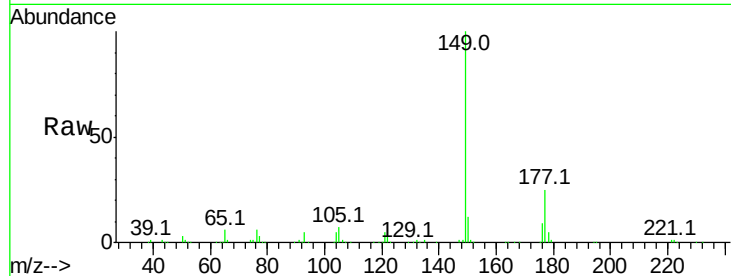
#59
Diethylphthalate
Concen: 39.23 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

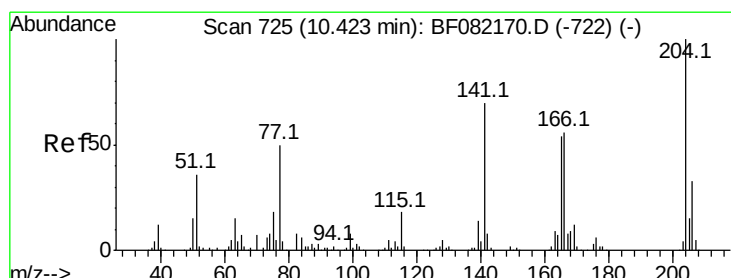
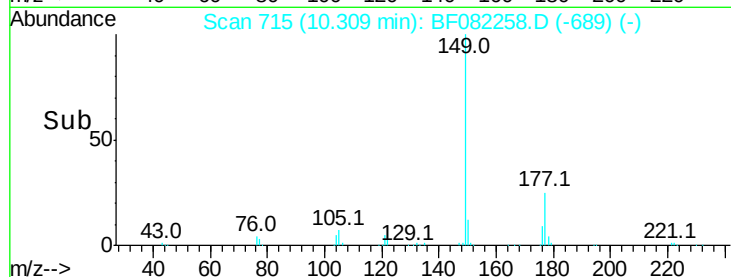
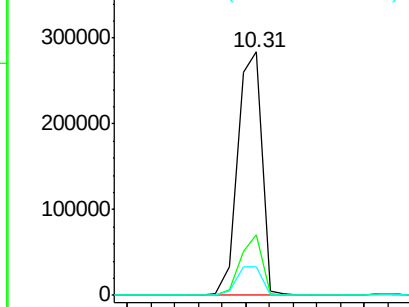
Tot Ion	Ratio	Resp	Lower	Upper
149	100	403374		
177	24.8		17.6	26.4
150	11.8		10.3	15.5

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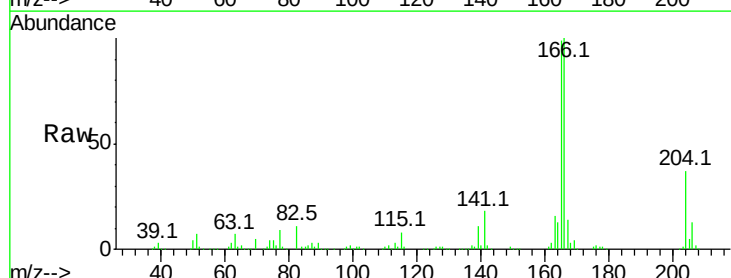


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

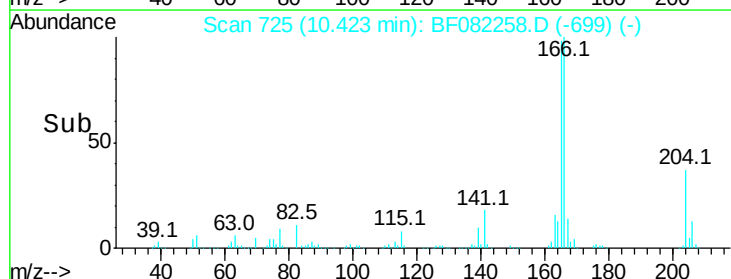
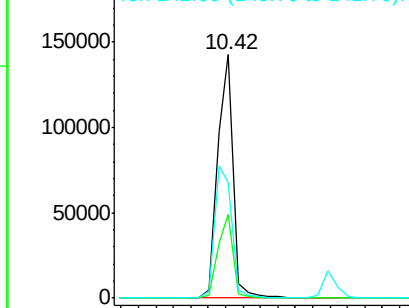


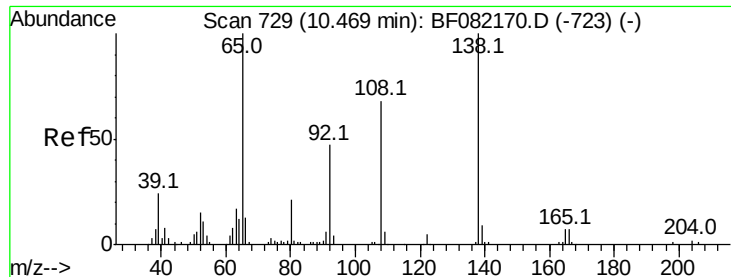
#60
4-Chlorophenyl-phenylether
Concen: 39.43 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	179133		
206	34.4		26.8	40.2
141	47.5		56.1	84.1#



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





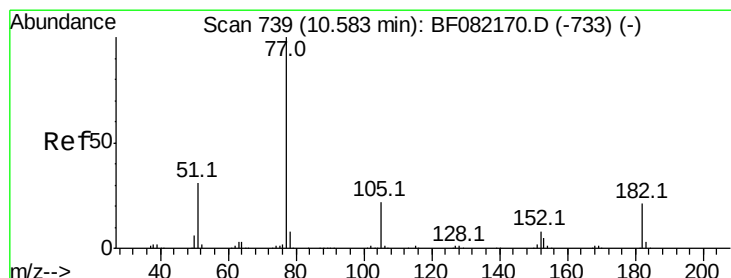
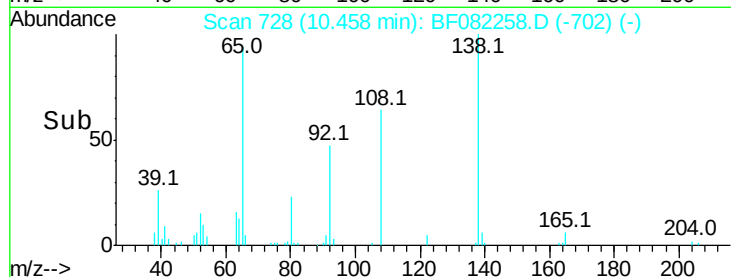
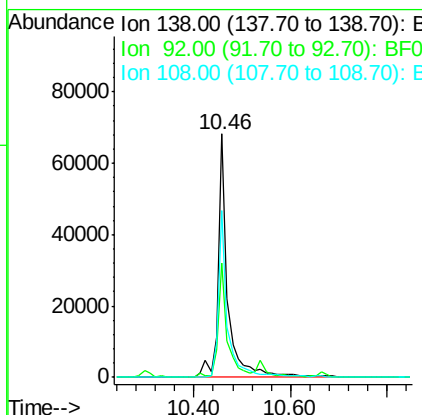
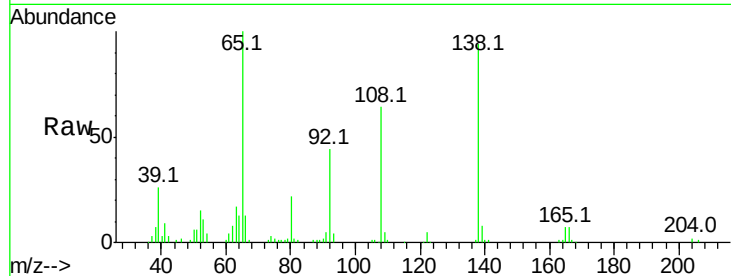
#61
4-Nitroaniline
Concen: 38.30 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	26.8	66.8
108	68.5	48.4	88.4

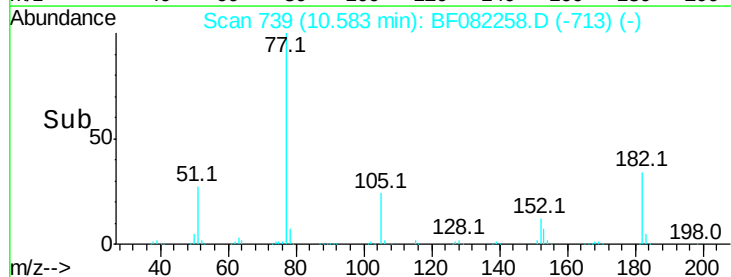
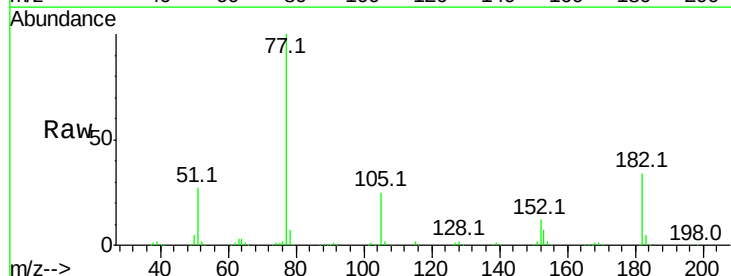
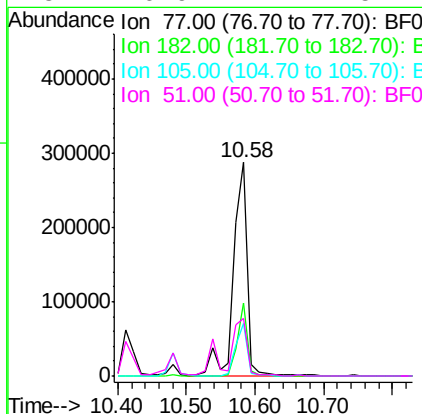
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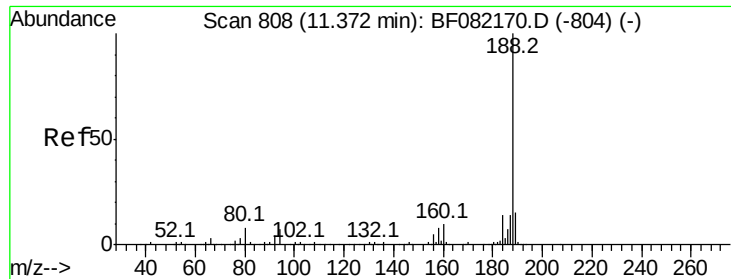
MMdadoda
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#62
Azobenzene
Concen: 40.39 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.0	0.5	40.5
105	24.7	1.8	41.8
51	26.9	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

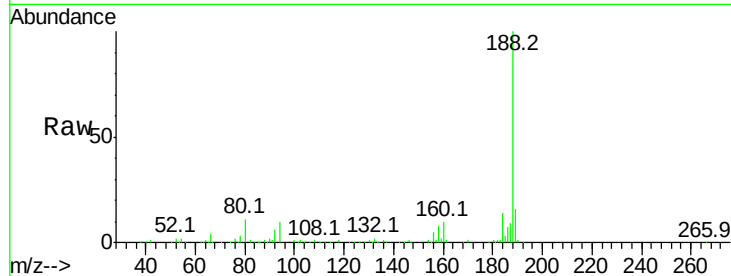
PB86079BS

Tot Ion:188 Resp: 300322
Ion Ratio Lower Upper

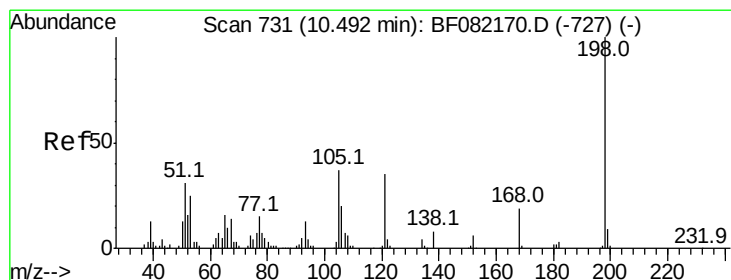
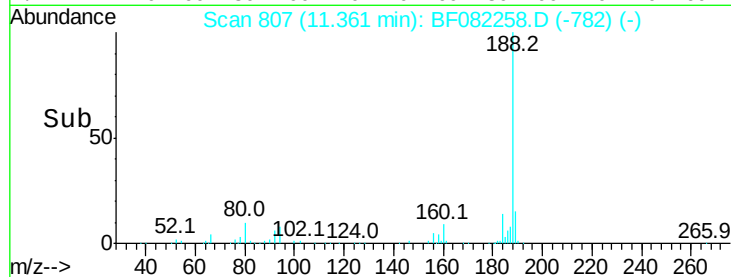
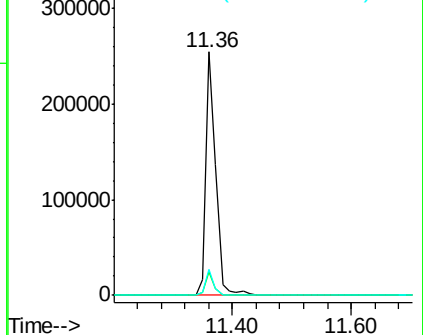
188	100		
94	9.8	5.8	8.6#
80	10.6	6.4	9.6#

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



#64

4,6-Dinitro-2-methylphenol

Concen: 37.46 ng

RT: 10.48 min Scan# 730

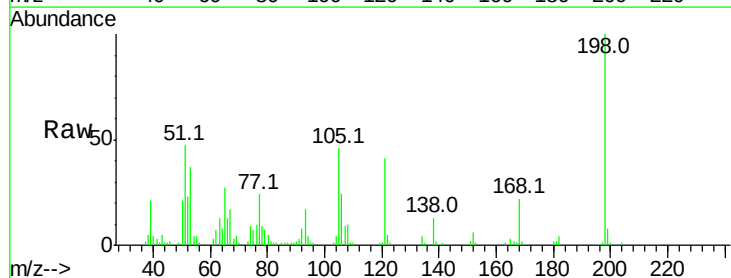
Delta R.T. 0.00 min

Lab File: BF082258.D

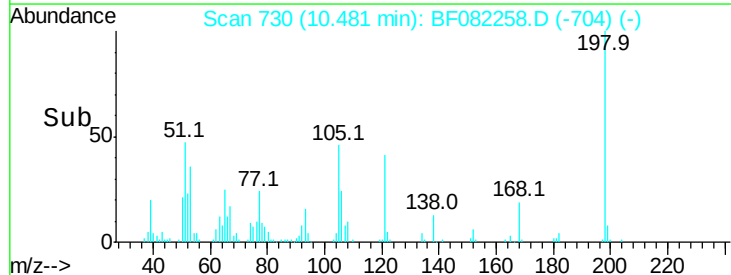
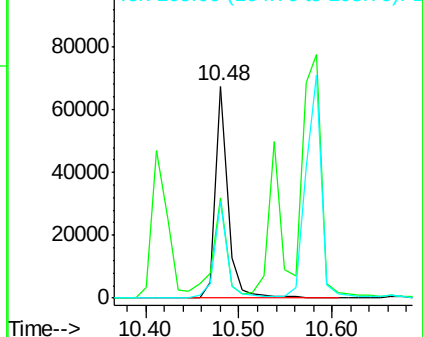
Acq: 13 Oct 2015 17:08

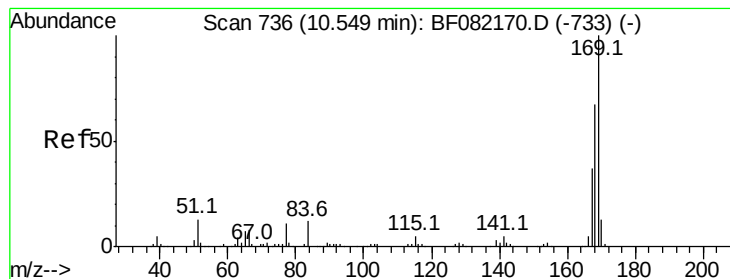
Tgt Ion:198 Resp: 63133
Ion Ratio Lower Upper

198	100		
51	47.1	13.6	53.6
105	45.6	17.1	57.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





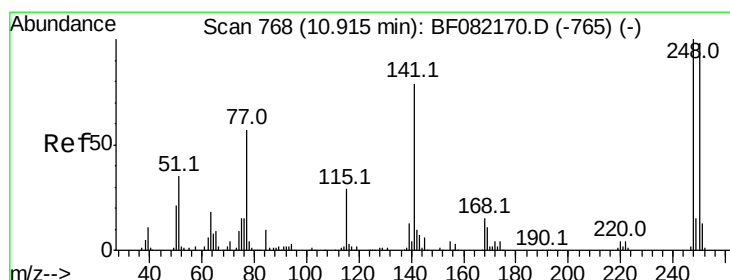
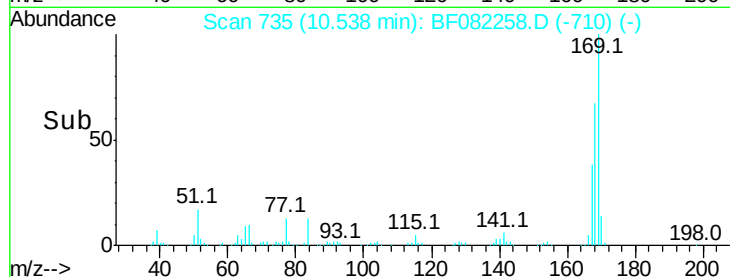
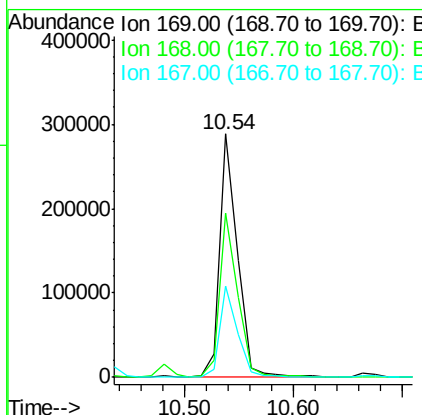
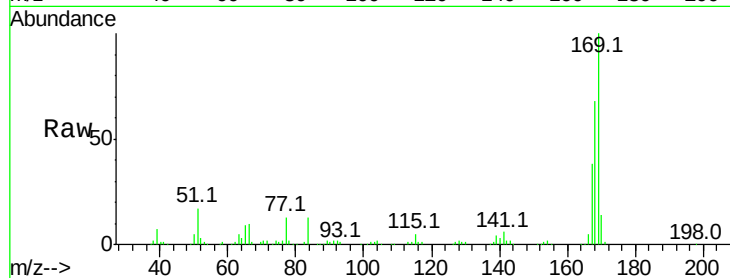
#65
n-Nitrosodiphenylamine
Concen: 36.97 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.7	54.0	81.0	
167	37.5	29.6	44.4	

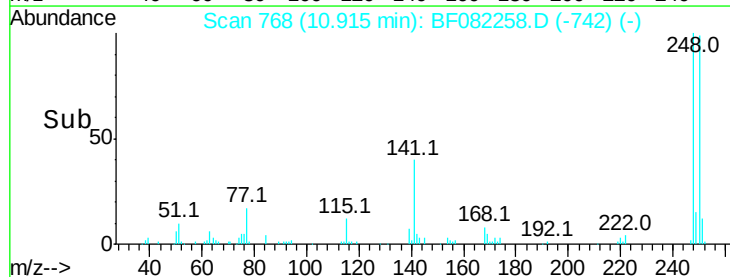
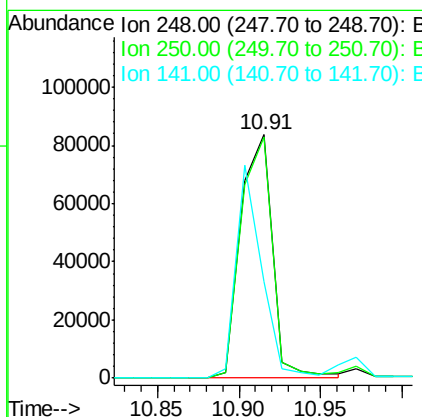
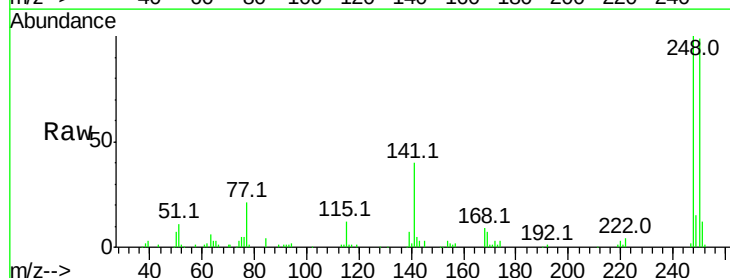
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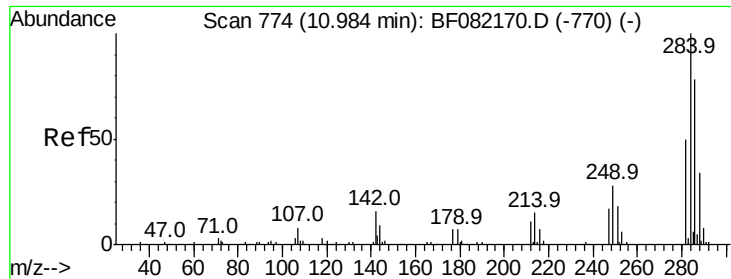
MMdadoda
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#66
4-Bromophenyl-phenylether
Concen: 37.62 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.1	78.6	117.8	
141	39.8	63.3	94.9	





#67

Hexachlorobenzene

Concen: 39.79 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

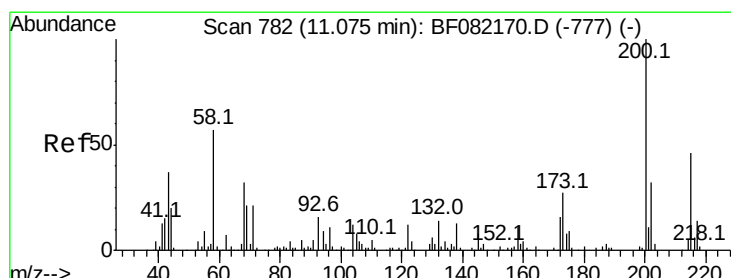
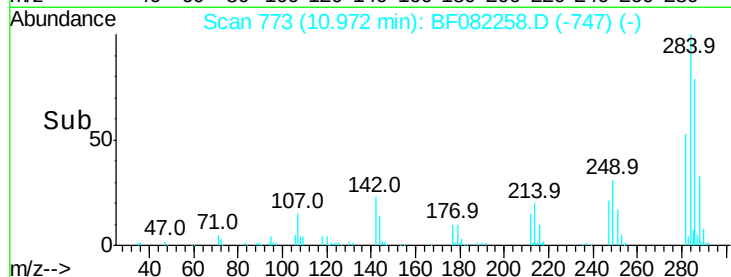
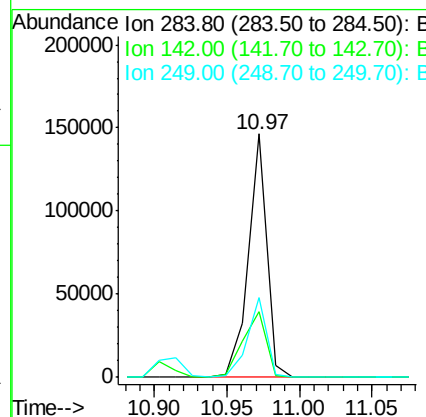
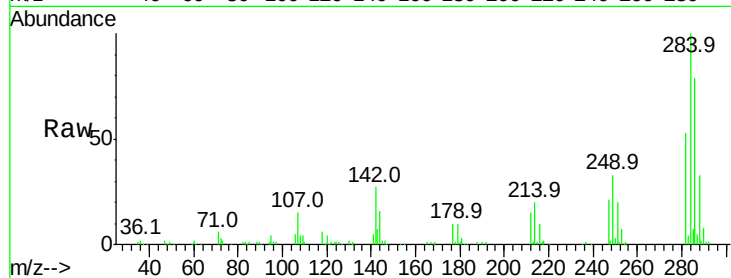
ClientSampleId :

PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.0	13.0	19.6#	
249	32.7	22.5	33.7	

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#68

Atrazine

Concen: 41.35 ng

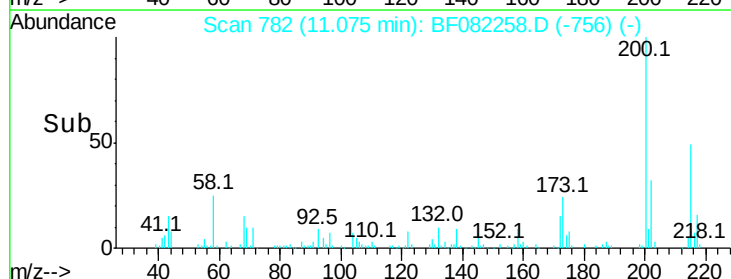
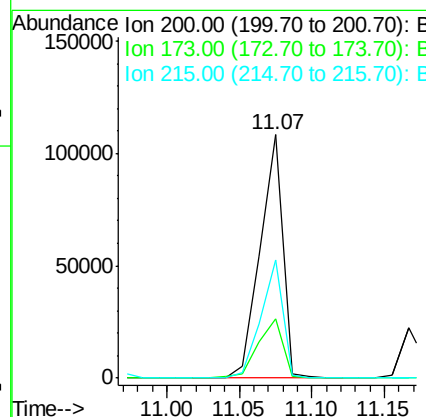
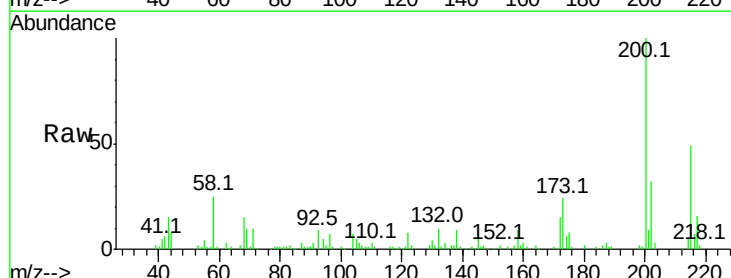
RT: 11.07 min Scan# 782

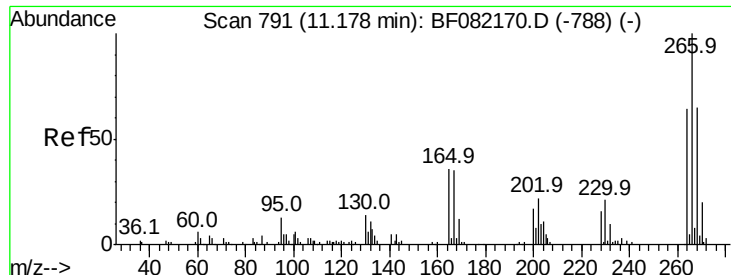
Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.2	7.3	47.3	
215	48.7	26.2	66.2	





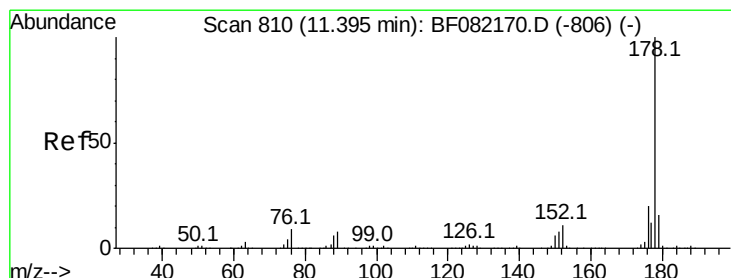
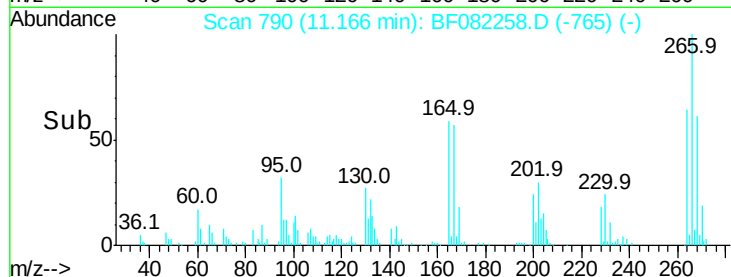
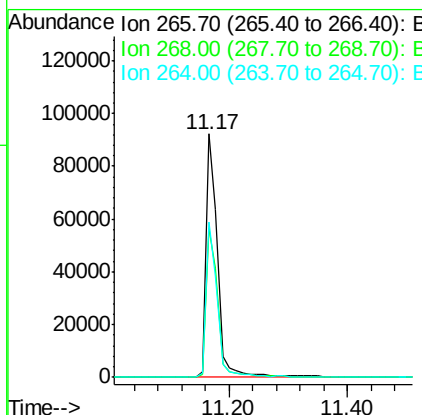
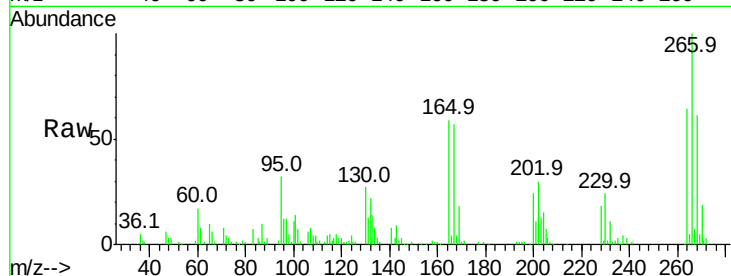
#69
 Pentachlorophenol
 Concen: 74.69 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	124924		
268	61.4	52.0	78.0	
264	63.9	51.4	77.0	

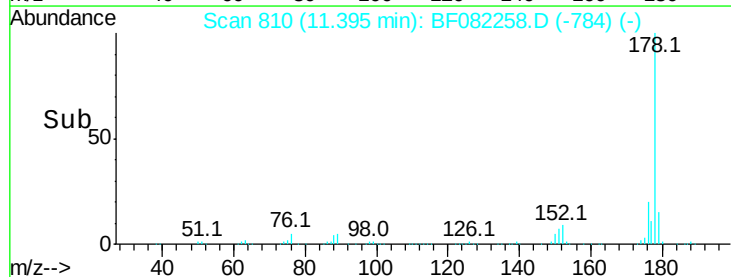
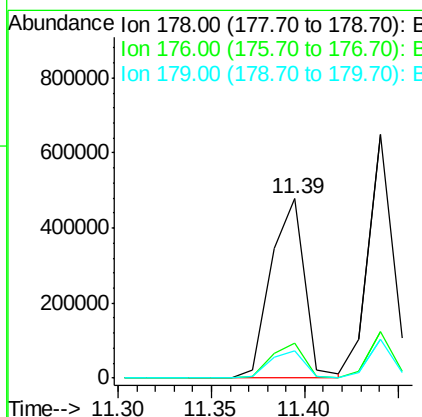
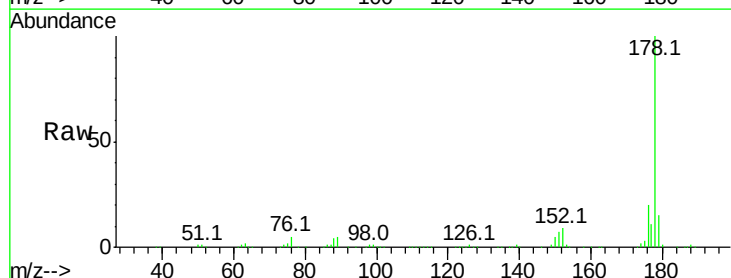
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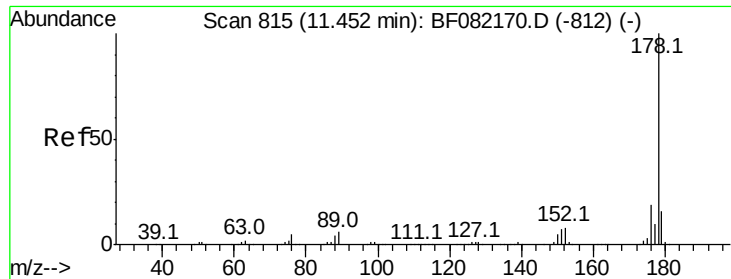
MMdadoda
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#70
 Phenanthrene
 Concen: 40.96 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	602951		
176	19.5	16.0	24.0	
179	15.4	12.6	19.0	





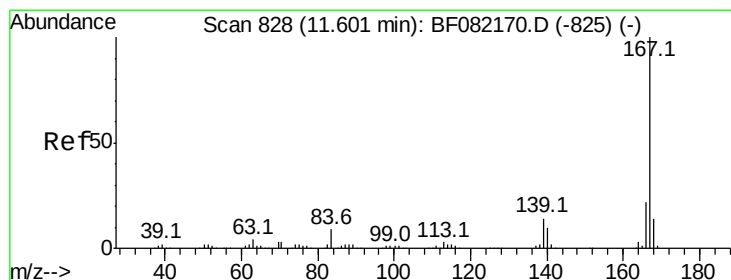
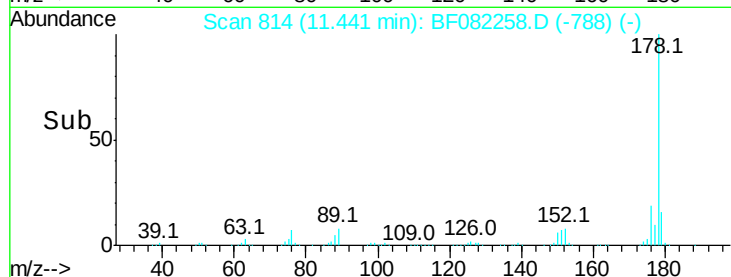
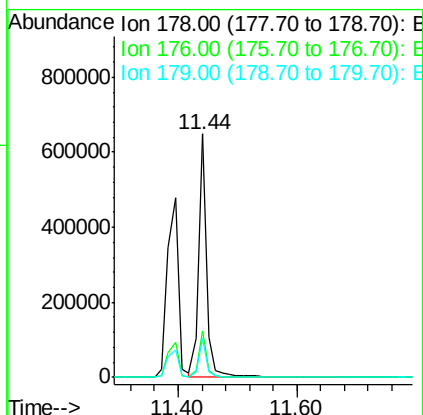
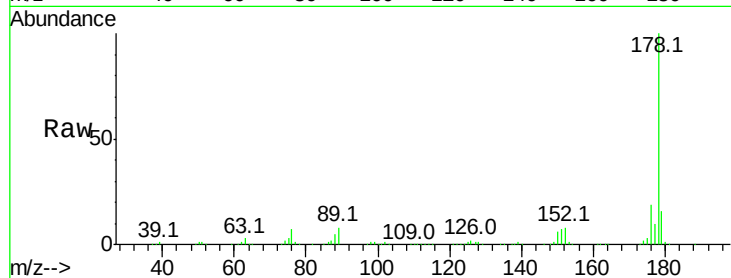
#71
 Anthracene
 Concen: 41.72 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.8	12.5	18.7

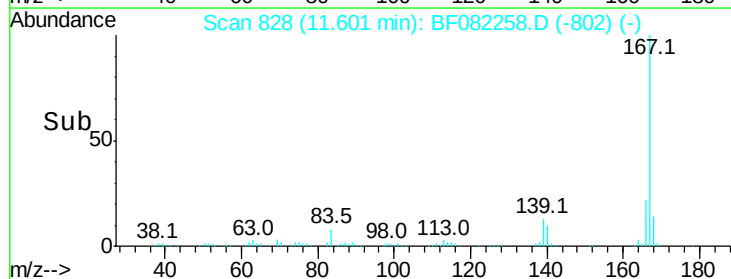
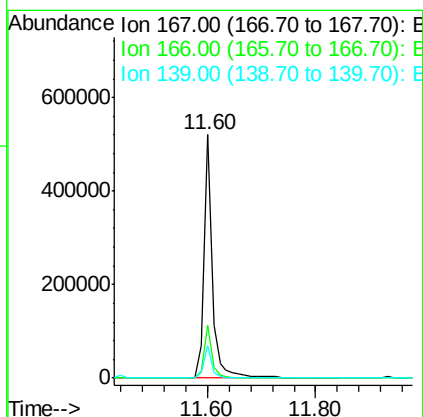
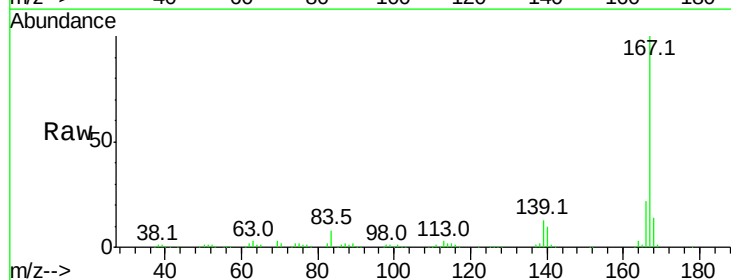
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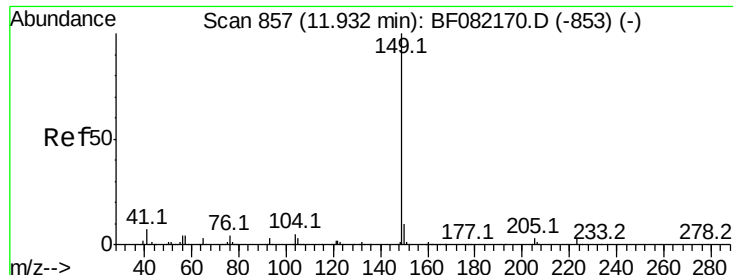
MMdadoda
 10/14/2015 3:51:16 PM



#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 39.43 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

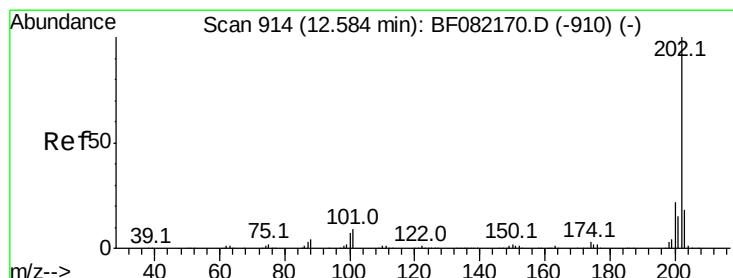
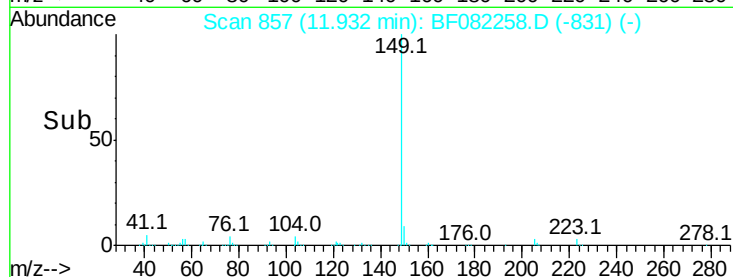
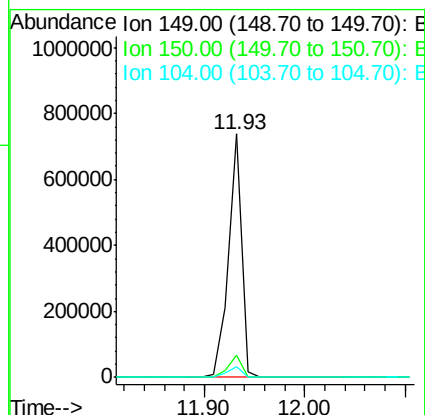
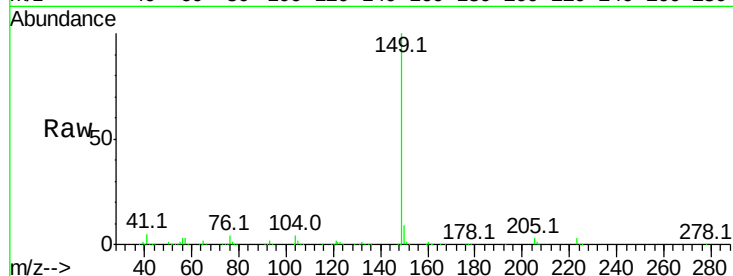
ClientSampleId :

PB86079BS

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MMdadoda
10/14/2015 3:51:16 PM

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.1	3.8	5.8	



#74

Fluoranthene

Concen: 40.39 ng

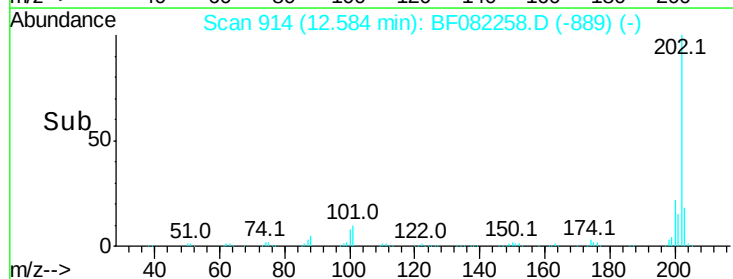
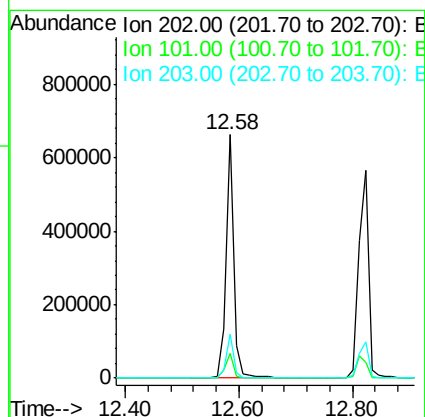
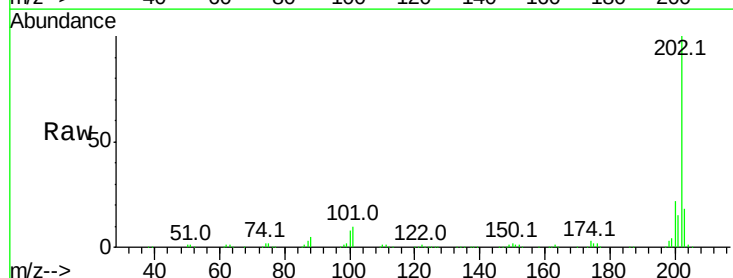
RT: 12.58 min Scan# 914

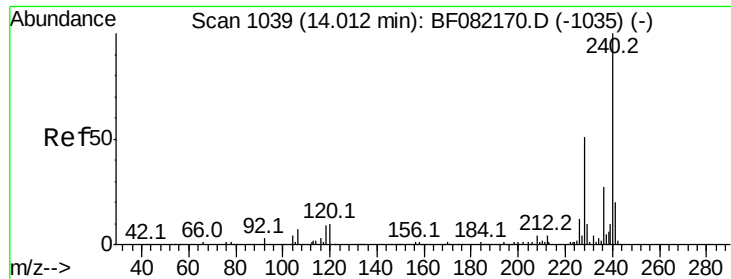
Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.1	0.0	29.3	
203	18.2	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

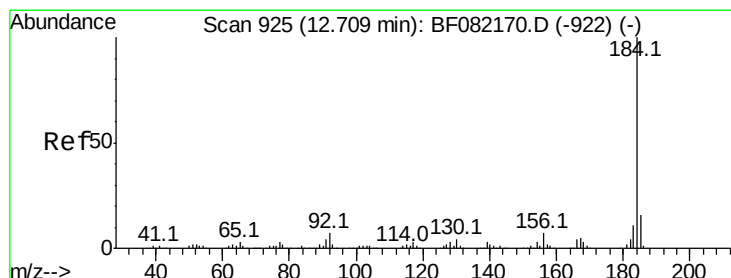
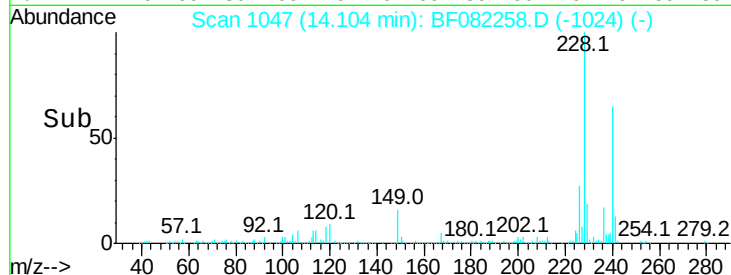
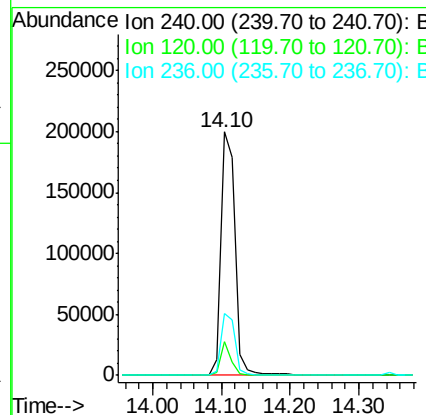
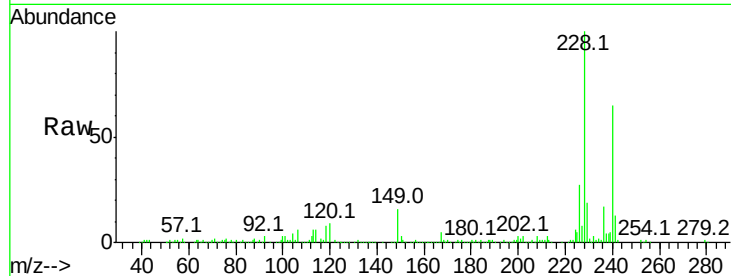
ClientSampleId :

PB86079BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	25.6	21.3	31.9

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#76

Benzidine

Concen: 36.04 ng

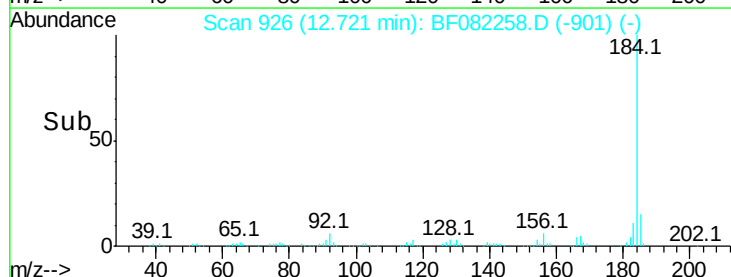
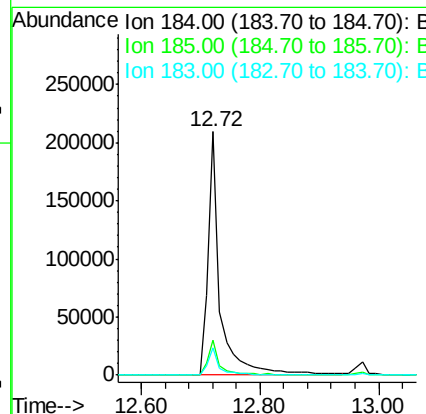
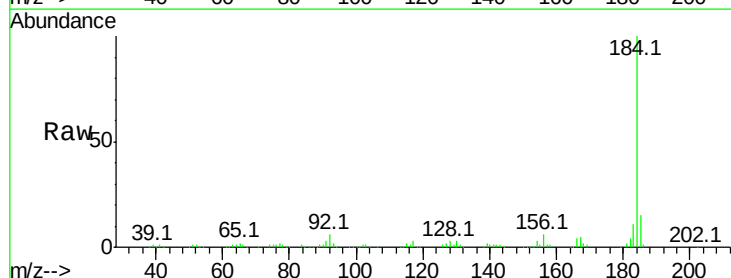
RT: 12.72 min Scan# 926

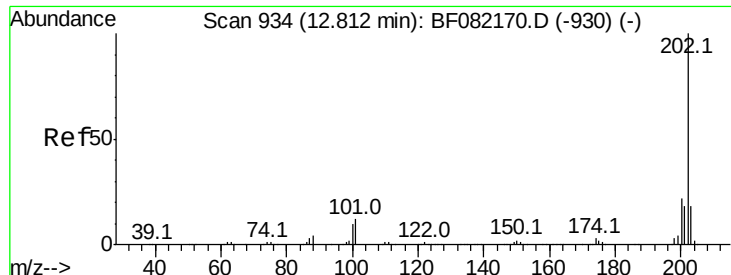
Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.5	18.7
183	11.4	9.1	13.7





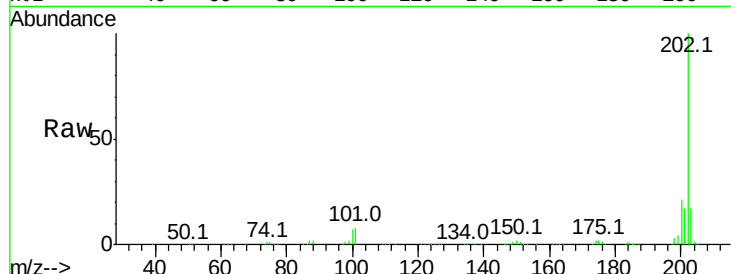
#77
Pvrene
Concen: 39.68 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

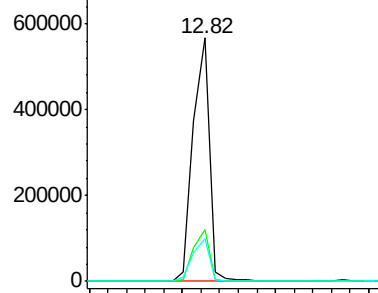
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.9	26.9
203	17.4	14.5	21.7

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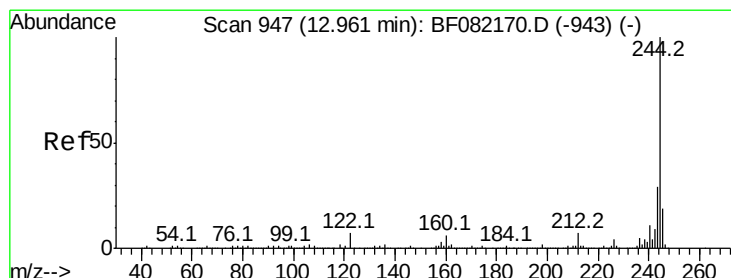
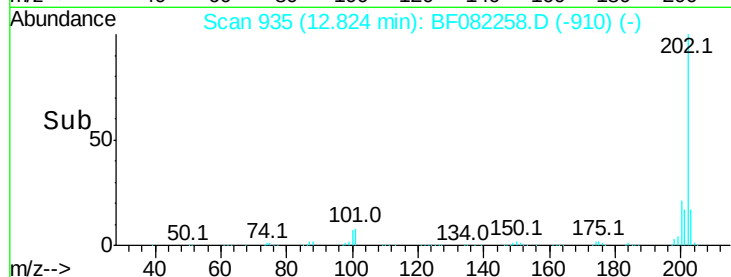
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

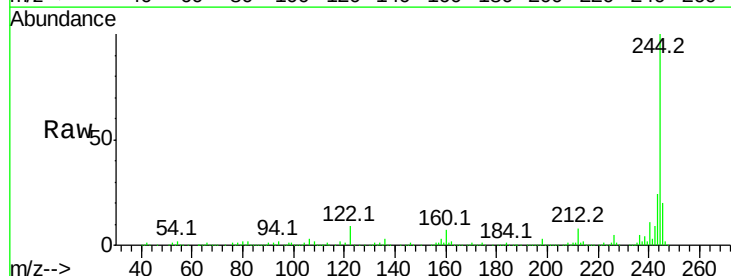


Time--> 12.70 12.80 12.90

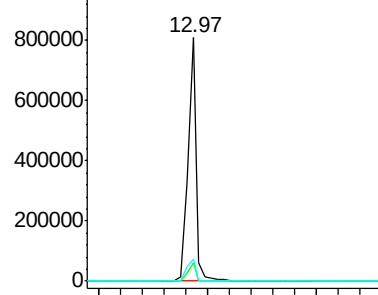


#78
Terphenyl-d14
Concen: 79.20 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

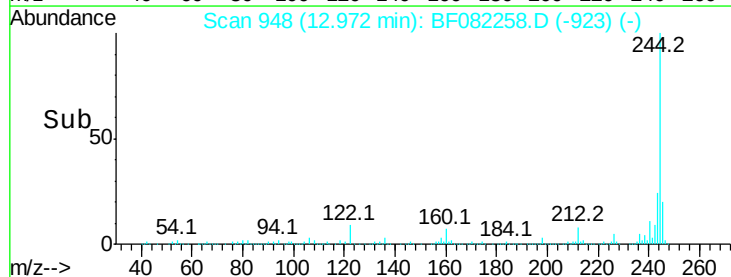
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.2	5.9	8.9#

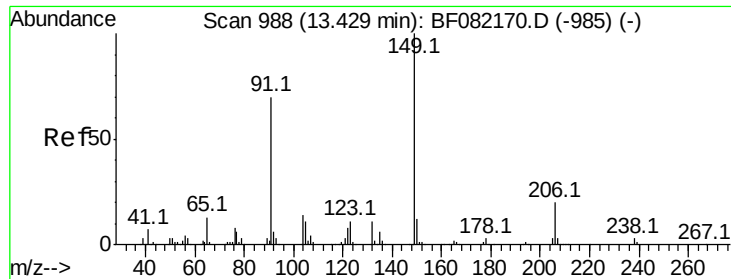


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 13.00 13.20





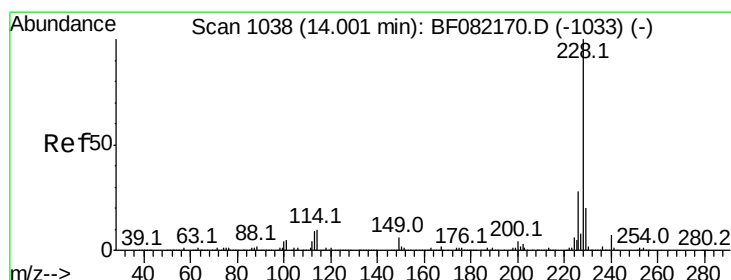
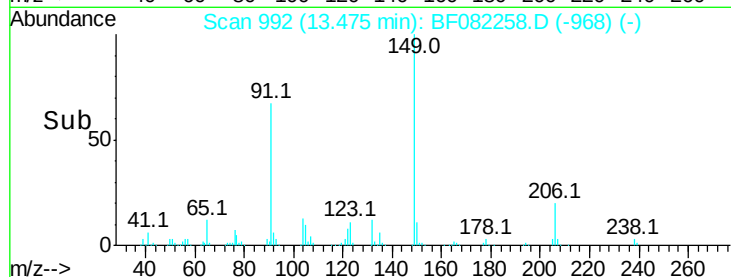
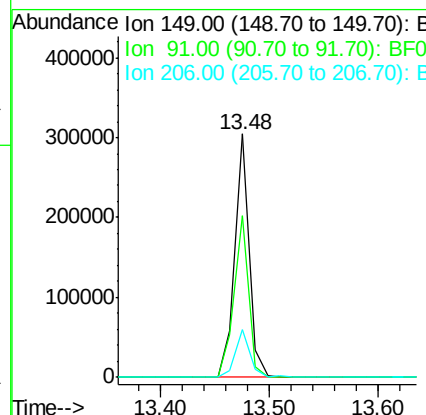
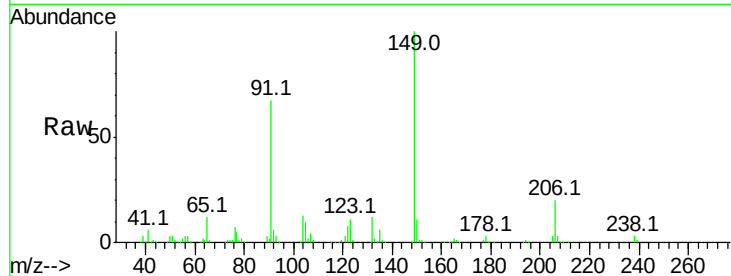
#79
Butylbenzylphthalate
Concen: 35.12 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276209		
91	66.6		55.7	83.5
206	19.7		15.6	23.4

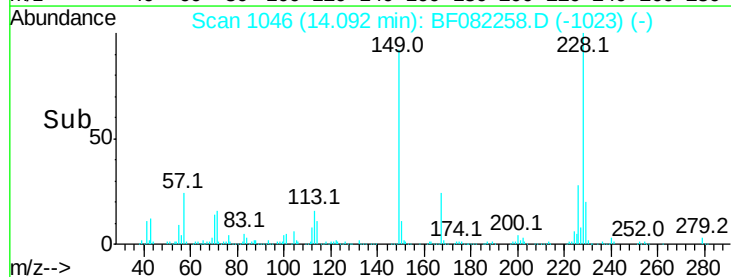
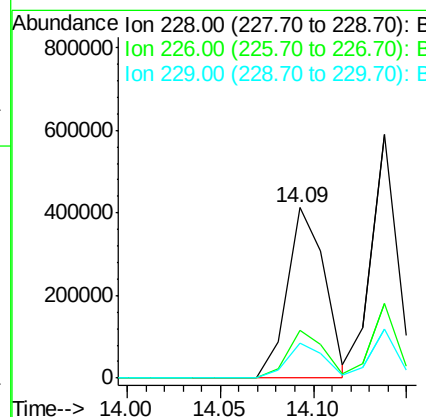
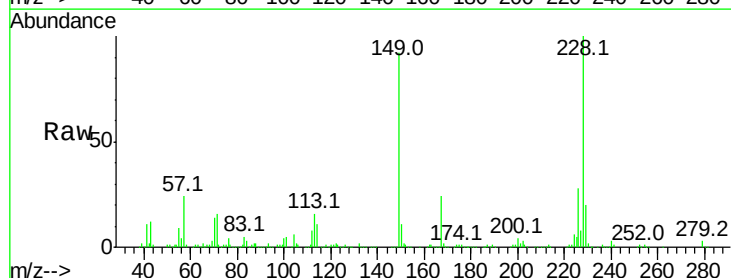
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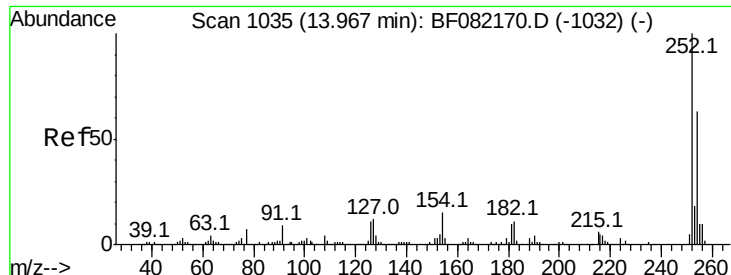
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#80
Benzo(a)anthracene
Concen: 38.30 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	578728		
226	28.2		22.3	33.5
229	20.3		16.2	24.2





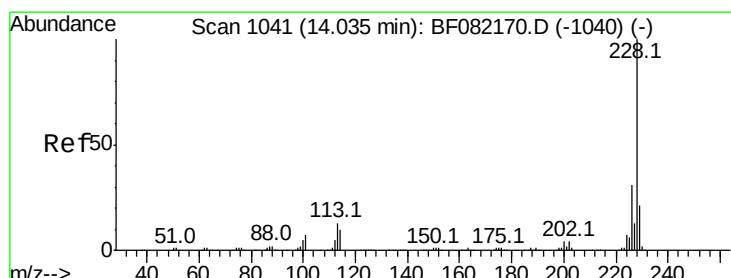
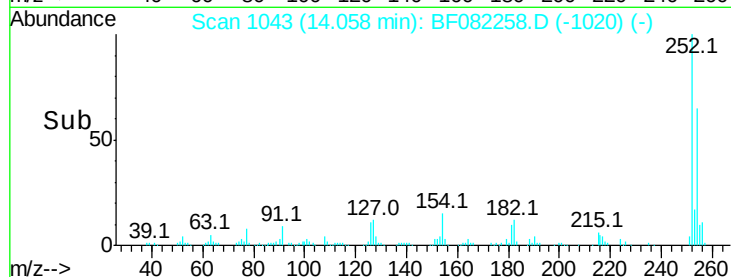
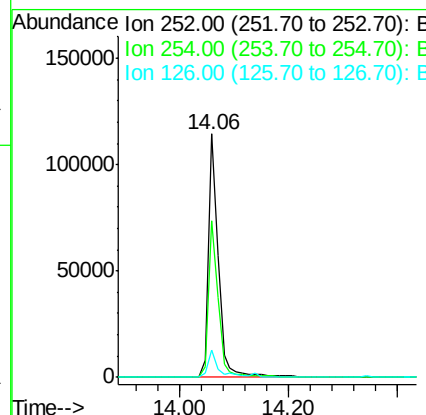
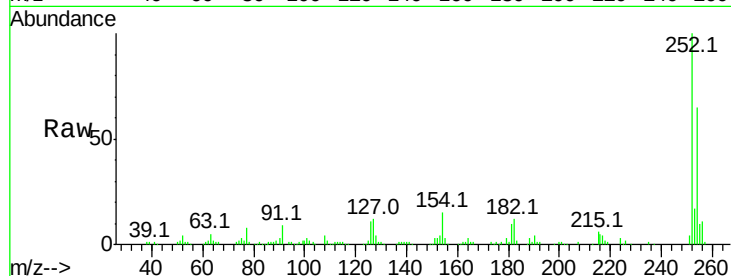
#81
 3,3'-Dichlorobenzidine
 Concen: 24.94 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.5	50.7	76.1	
126	11.5	9.0	13.6	

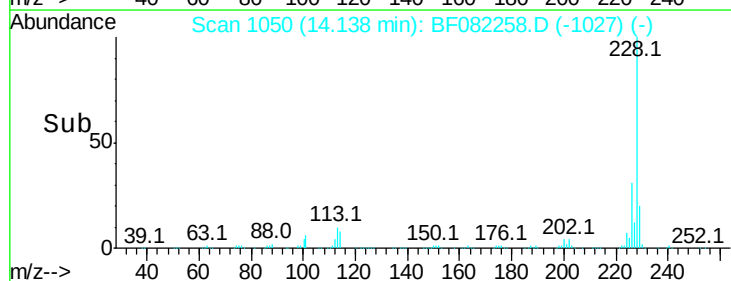
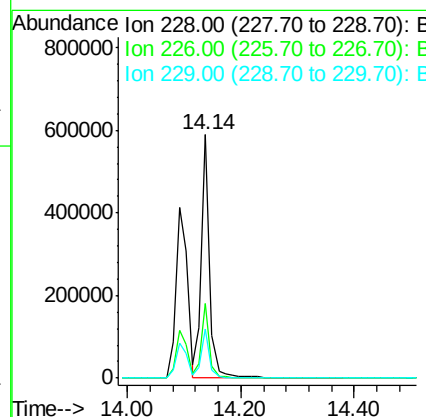
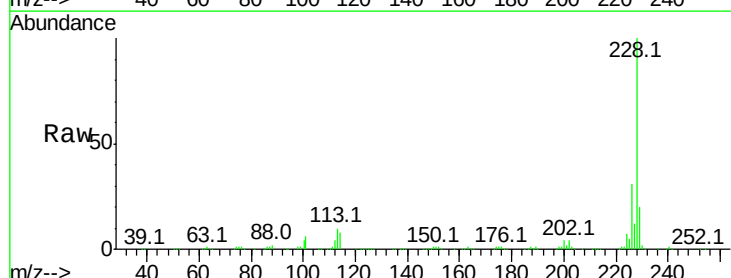
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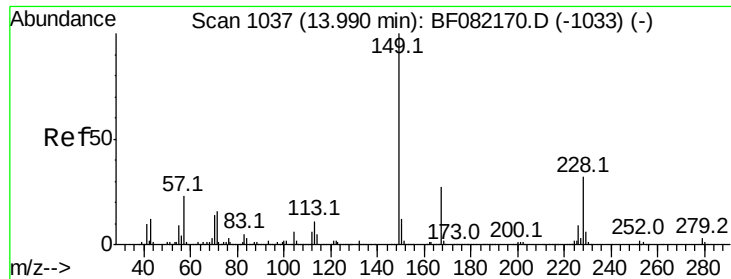
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#82
 Chrysene
 Concen: 37.51 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.5	24.4	36.6	
229	20.1	16.3	24.5	





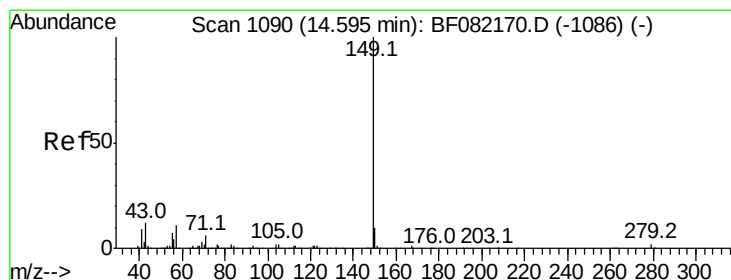
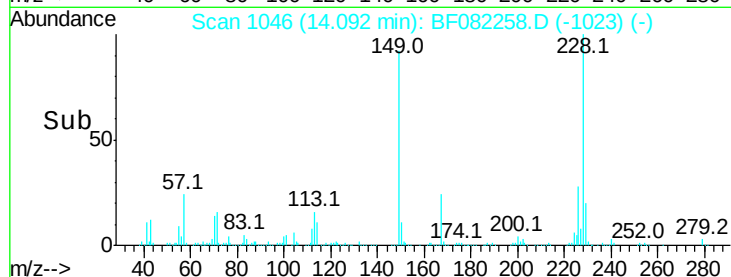
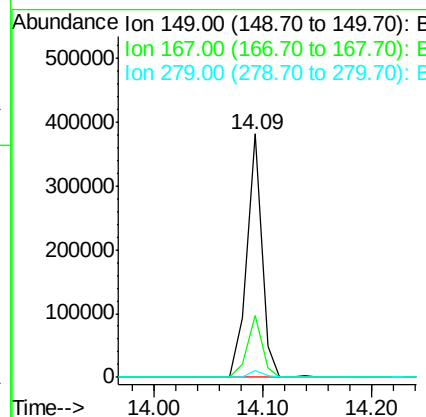
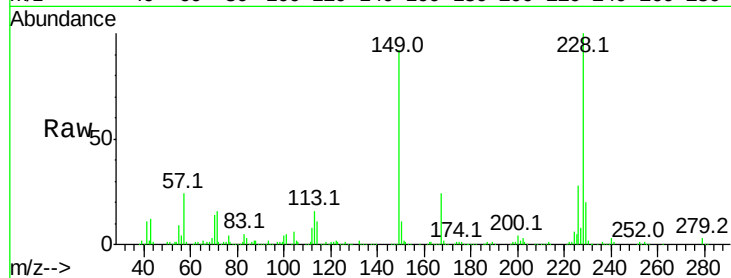
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.47 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	364361		
167	25.6	21.3	31.9	
279	2.8	2.6	4.0	

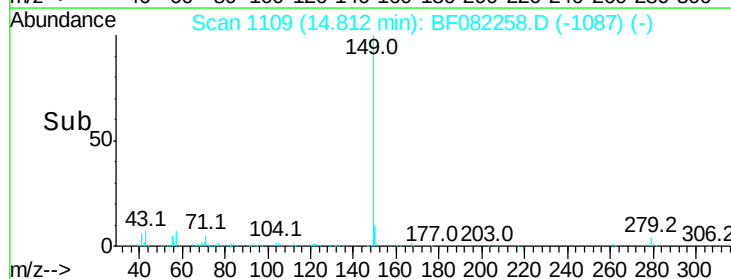
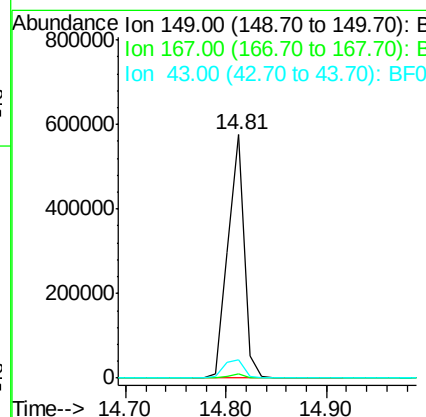
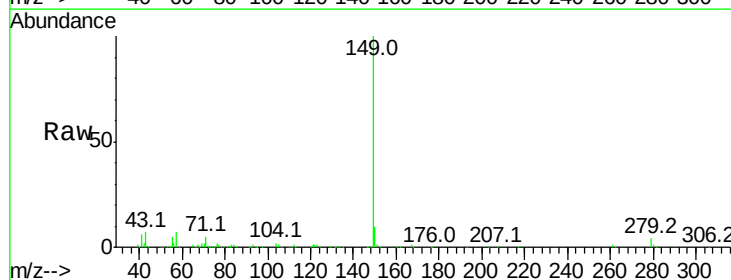
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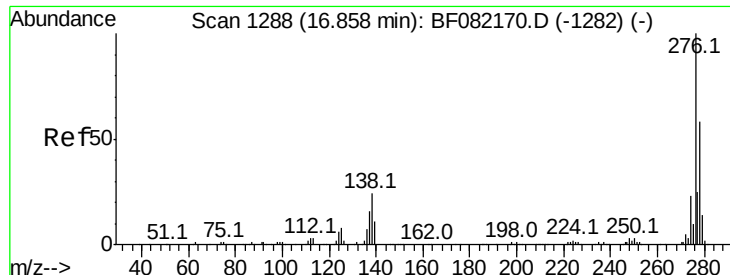
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#84
 Di-n-octyl phthalate
 Concen: 33.70 ng
 RT: 14.81 min Scan# 1109
 Delta R.T. -0.05 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	649454		
167	1.4	1.3	1.9	
43	9.1	7.4	11.2	





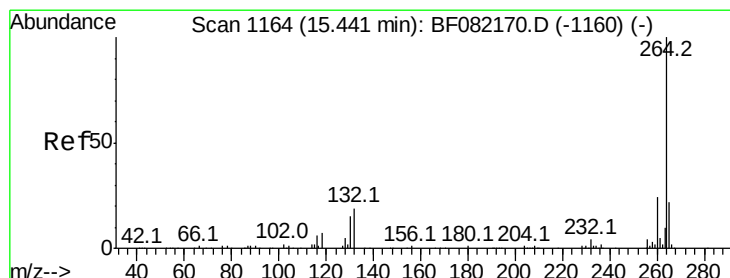
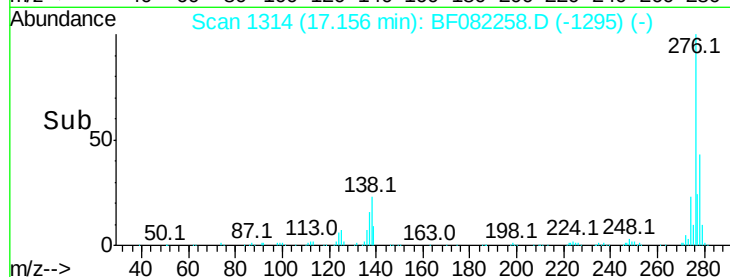
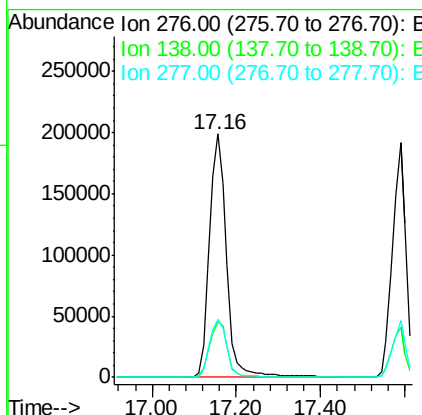
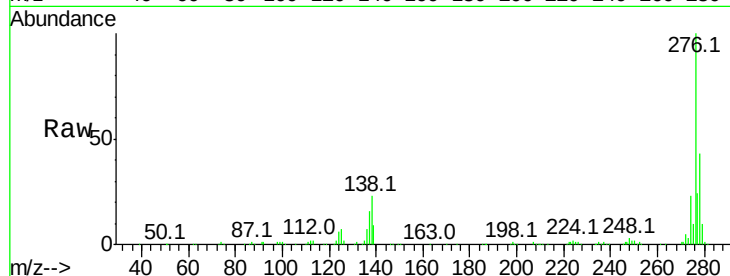
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.21 ng
 RT: 17.16 min Scan# 1314
 Delta R.T. -0.08 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	559533		
138	24.2		19.7	29.5
277	24.6		20.1	30.1

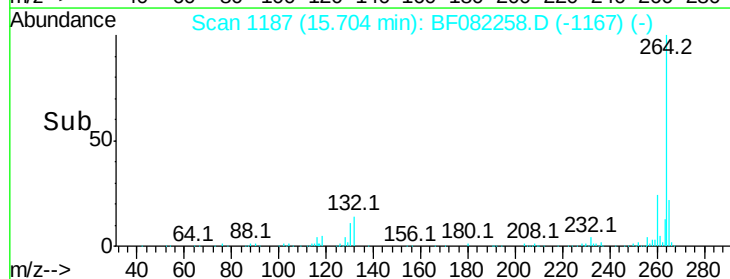
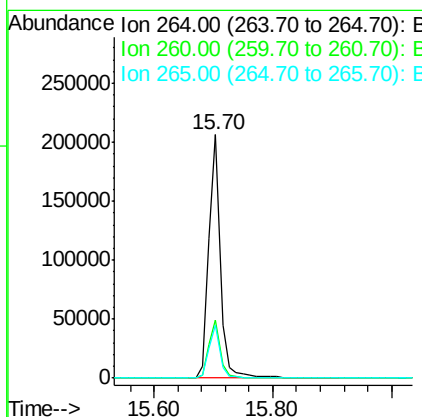
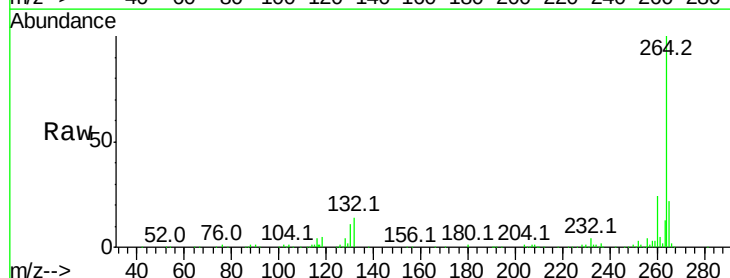
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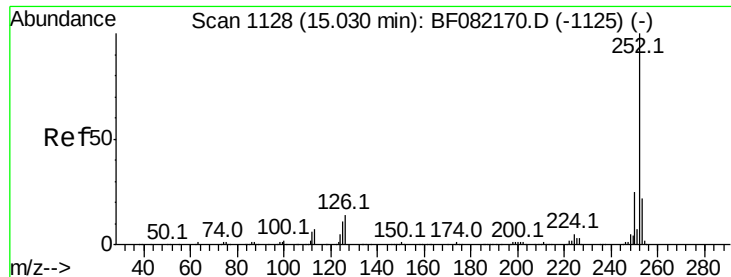
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1187
 Delta R.T. -0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	280284		
260	23.8		19.0	28.6
265	21.5		17.3	25.9





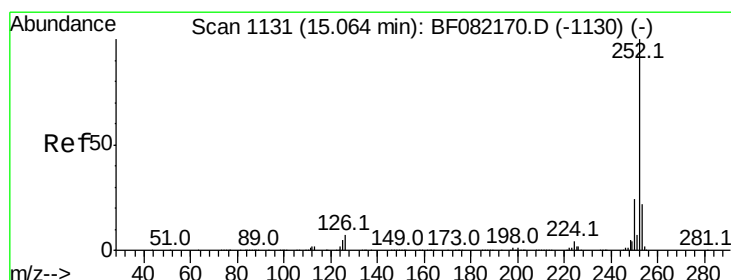
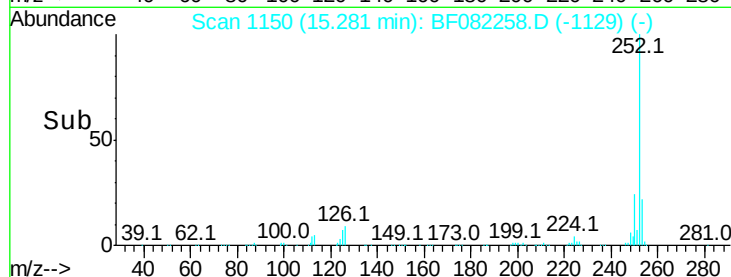
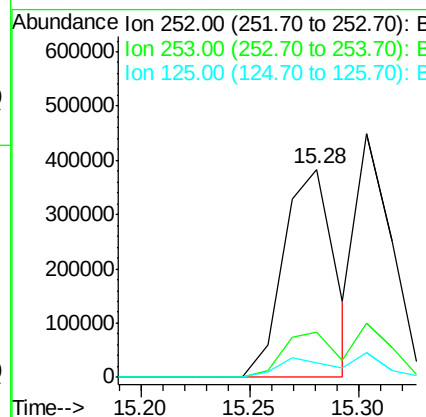
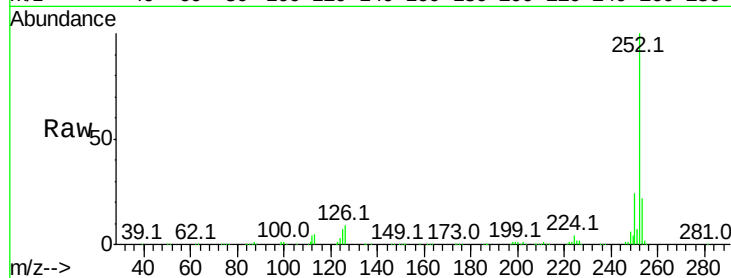
#87
Benzo(b)fluoranthene
Concen: 36.79 ng
RT: 15.28 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	6.8	8.6	12.8#

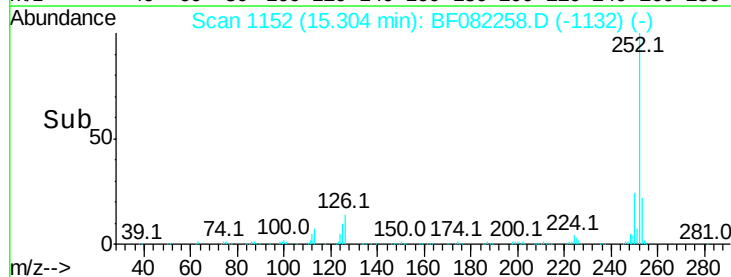
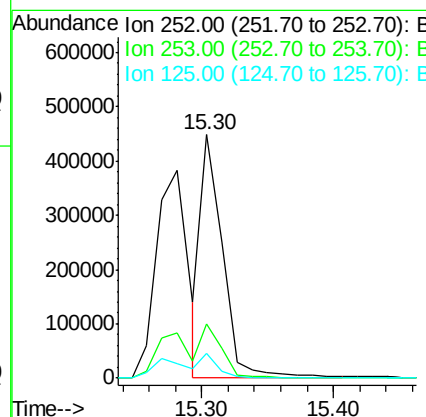
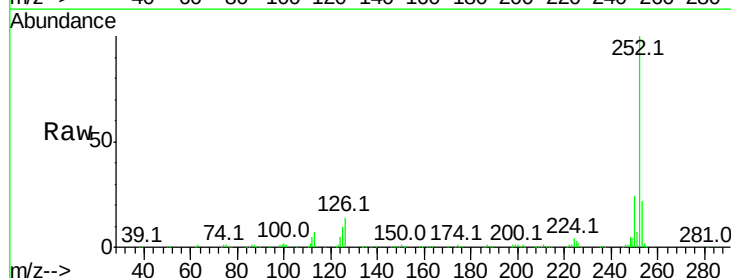
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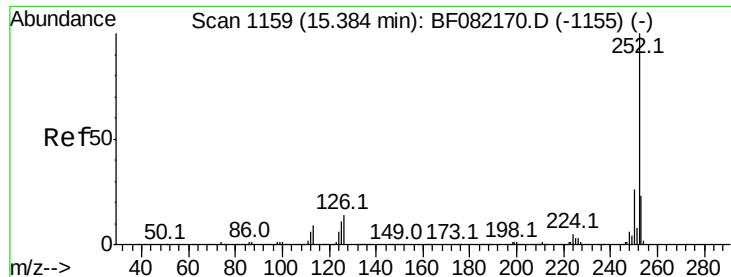
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 37.04 ng m
RT: 15.30 min Scan# 1152
Delta R.T. -0.07 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.3	6.7	10.1#





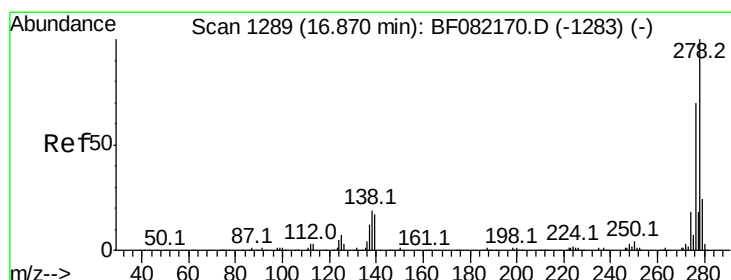
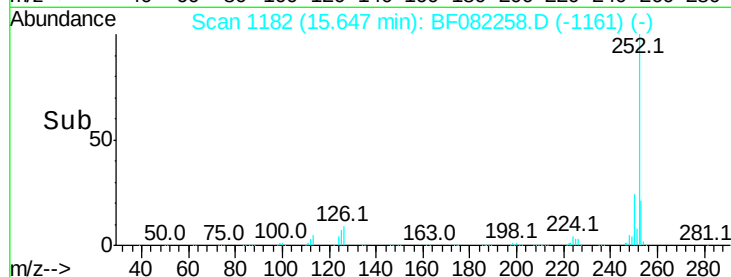
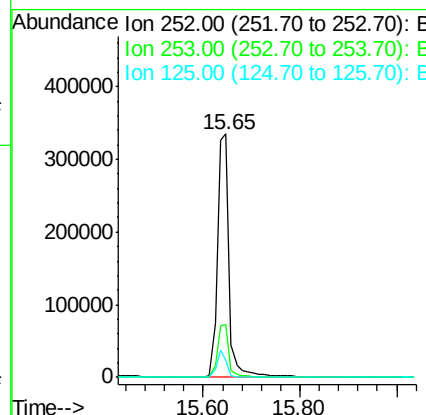
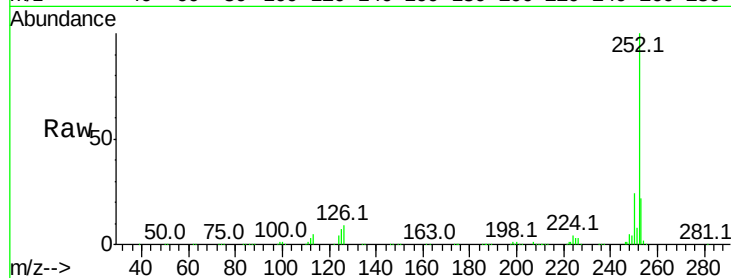
#89
Benzo(a)pyrene
Concen: 39.07 ng
RT: 15.65 min Scan# 1182
Delta R.T. -0.06 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	6.8	8.9	13.3#

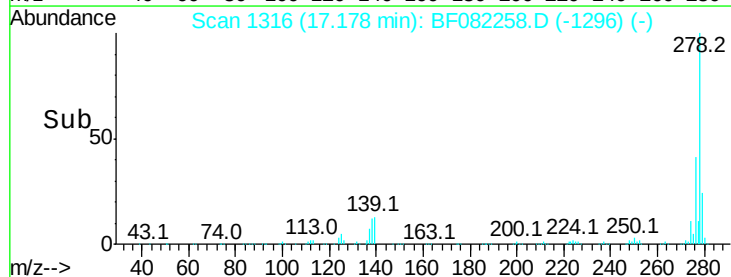
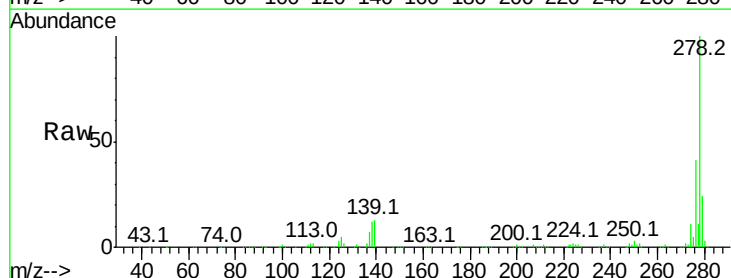
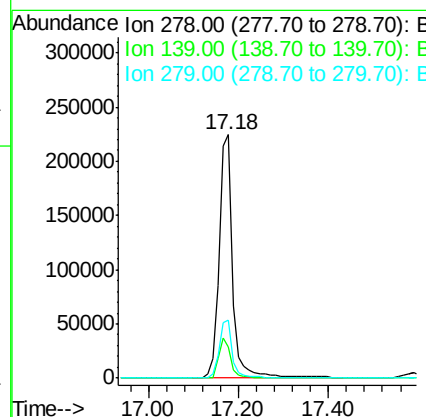
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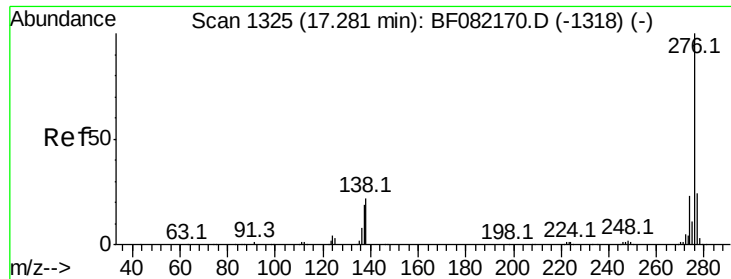
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#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 17.18 min Scan# 1316
Delta R.T. -0.07 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	13.3	19.9#
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 38.44 ng
 RT: 17.59 min Scan# 1352
 Delta R.T. -0.08 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.3	17.4	26.2

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 10/14/2015 3:51:16 PM

