

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082448.D
 Acq On : 22 Oct 2015 16:43
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Manual Integrations
 APPROVED

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 10/23/2015 4:45:10 PM

Quant Time: Oct 23 01:31:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102533m	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	413098	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	207350	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	425734	20.00	ng	0.00
75) Chrysene-d12	14.04	240	394925	20.00	ng	0.03
86) Perylene-d12	15.60	264	352643	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	360357	70.93	ng	0.01
7) Phenol-d6	6.41	99	438411	66.31	ng	-0.01
23) Nitrobenzene-d5	7.34	82	424423	69.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	116587	59.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	825959	66.06	ng	-0.01
78) Terphenyl-d14	12.90	244	914351	61.35	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	68843	26.97	ng	94
3) Pyridine	3.07	79	193803	32.64	ng	99
4) n-Nitrosodimethylamine	3.04	42	82780	32.88	ng	98
6) Aniline	6.42	93	125484m	14.72	ng	
8) 2-Chlorophenol	6.55	128	208704	33.65	ng	90
9) Benzaldehyde	6.31	77	85159	25.22	ng	99
10) Phenol	6.42	94	225701m	29.61	ng	
11) bis(2-Chloroethyl)ether	6.50	93	186377	28.91	ng	98
12) 1,3-Dichlorobenzene	6.70	146	227452m	31.49	ng	
13) 1,4-Dichlorobenzene	6.78	146	239336	31.73	ng	98
14) 1,2-Dichlorobenzene	6.93	146	216272	30.20	ng	99
15) Benzyl Alcohol	6.91	79	160854	35.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	287005	31.97	ng	90
17) 2-Methylphenol	7.04	107	163887	33.42	ng	94
18) Hexachloroethane	7.27	117	79925	30.96	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	142494	30.69	ng	97
20) 3+4-Methylphenols	7.20	107	207693	35.54	ng	# 57
22) Acetophenone	7.18	105	266708	32.64	ng	# 90
24) Nitrobenzene	7.35	77	197945	29.73	ng	100
25) Isophorone	7.59	82	378856	30.52	ng	98
26) 2-Nitrophenol	7.67	139	105034	31.59	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	178678	33.36	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	226552	31.36	ng	96
29) 2,4-Dichlorophenol	7.92	162	192277	35.91	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	187080	30.31	ng	97
31) Naphthalene	8.07	128	564928	31.55	ng	100
32) Benzoic acid	7.85	122	100260	27.89	ng	97
33) 4-Chloroaniline	8.14	127	89317	12.01	ng	95
34) Hexachlorobutadiene	8.18	225	109197	28.39	ng	97
35) Caprolactam	8.50	113	55747	35.87	ng	# 71
36) 4-Chloro-3-methylphenol	8.63	107	185455	35.42	ng	99
37) 2-Methylnaphthalene	8.77	142	400334	32.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	206758	33.52	ng	96
40) Hexachlorocyclopentadiene	8.91	237	136835	47.60	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	125125	30.55	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	142560	32.13	nq #	91
45) 1,1'-Biphenyl	9.23	154	514949	32.57	nq	98
46) 2-Chloronaphthalene	9.26	162	393418	31.61	nq	95
47) 2-Nitroaniline	9.36	65	111737	32.70	nq	100
48) Acenaphthylene	9.67	152	601884	31.04	nq	99
49) Dimethylphthalate	9.54	163	493451	33.80	nq	99
50) 2,6-Dinitrotoluene	9.61	165	107176	34.79	nq #	84
51) Acenaphthene	9.84	154	352082	30.25	nq	100
52) 3-Nitroaniline	9.77	138	50070	14.39	nq #	77
53) 2,4-Dinitrophenol	9.89	184	87792	53.31	nq #	74
54) Dibenzofuran	10.02	168	557854	34.91	nq	95
55) 4-Nitrophenol	9.97	139	127625	59.23	nq	93
56) 2,4-Dinitrotoluene	10.01	165	142418	36.99	nq	91
57) Fluorene	10.37	166	439033	33.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114413	31.56	nq	99
59) Diethylphthalate	10.24	149	484077	35.57	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	219846	36.56	nq	91
61) 4-Nitroaniline	10.40	138	107057	31.72	nq	92
62) Azobenzene	10.51	77	474852	35.65	nq	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	76642	32.08	nq	94
65) n-Nitrosodiphenylamine	10.48	169	412555	32.37	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	131872	30.95	nq #	89
67) Hexachlorobenzene	10.90	284	129930	28.20	nq #	68
68) Atrazine	11.01	200	126881	31.42	nq	99
69) Pentachlorophenol	11.11	266	138781	58.53	nq	99
70) Phenanthrene	11.33	178	723457	34.67	nq	100
71) Anthracene	11.37	178	689164	32.05	nq	100
72) Carbazole	11.53	167	624314	31.83	nq	99
73) Di-n-butylphthalate	11.86	149	753609	31.14	nq	99
74) Fluoranthene	12.52	202	728930	32.52	nq	98
76) Benzidine	12.65	184	241213	21.08	nq	98
77) Pyrene	12.76	202	820920	35.03	nq	98
79) Butylbenzylphthalate	13.41	149	350677	32.79	nq	95
80) Benzo(a)anthracene	14.02	228	669698	32.59	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	136128	17.45	nq #	98
82) Chrysene	14.07	228	645263	29.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	474825	31.12	nq	100
84) Di-n-octyl phthalate	14.73	149	843558	32.19	nq	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	539253	31.34	nq	98
87) Benzo(b)fluoranthene	15.19	252	600696	28.00	nq	99
88) Benzo(k)fluoranthene	15.22	252	655152m	36.33	nq	
89) Benzo(a)pyrene	15.54	252	585289	31.74	nq	99
90) Dibenzo(a,h)anthracene	17.03	278	460005	30.44	nq	99
91) Benzo(g,h,i)perylene	17.43	276	433069	29.50	nq	99

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

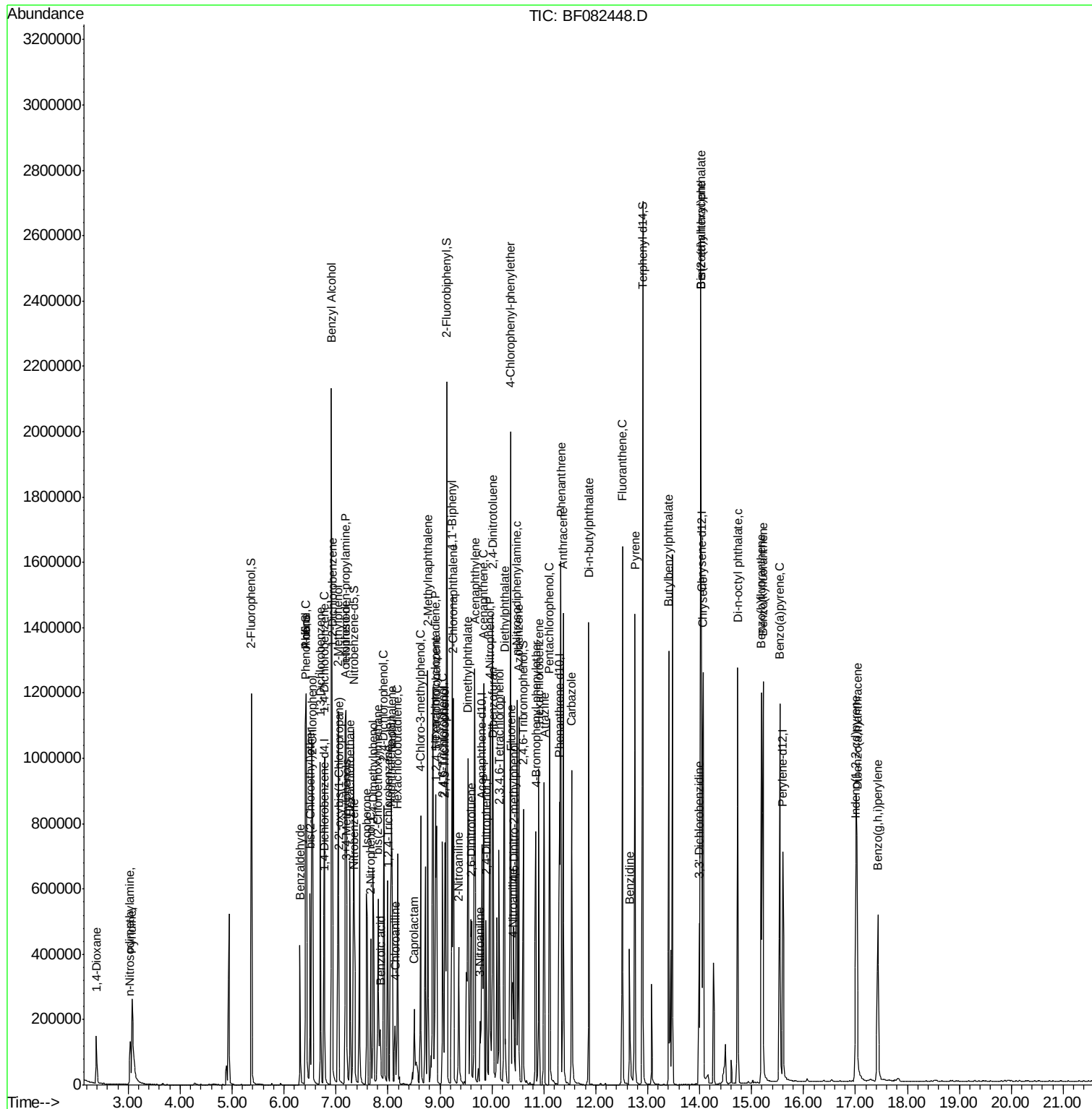
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082448.D
Acq On : 22 Oct 2015 16:43
Operator : UM/IZ
Sample : PB86203BS
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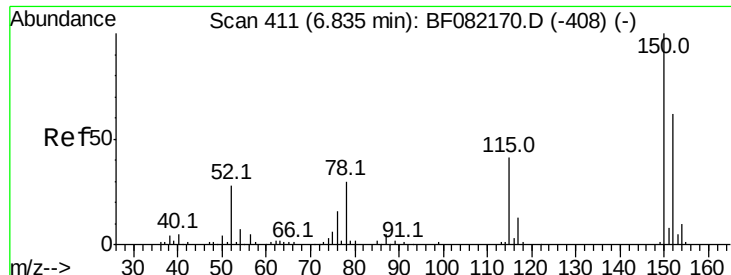
Instrument :
BNA_F
ClientSampleId :
PB86203BS

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#1

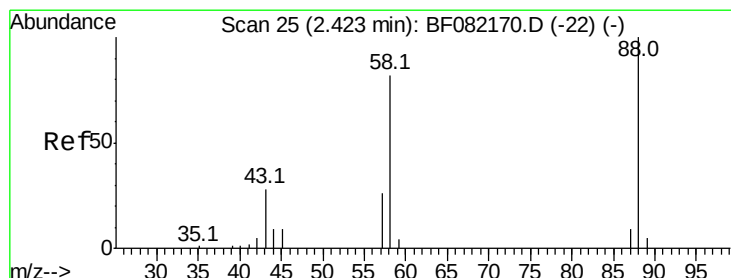
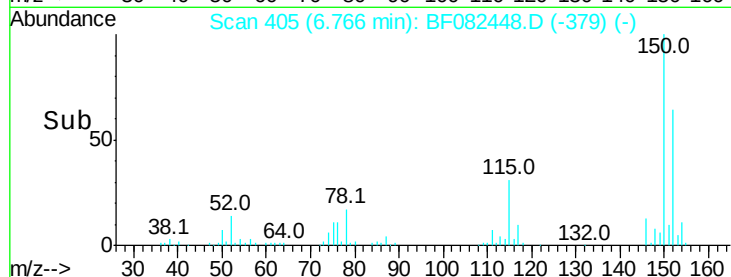
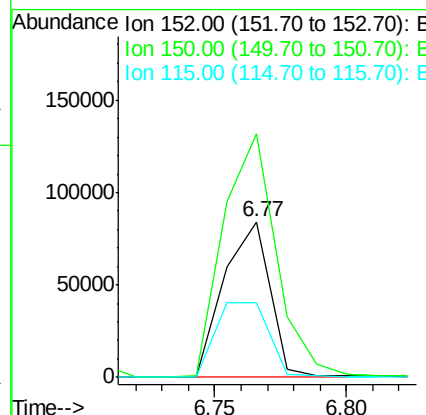
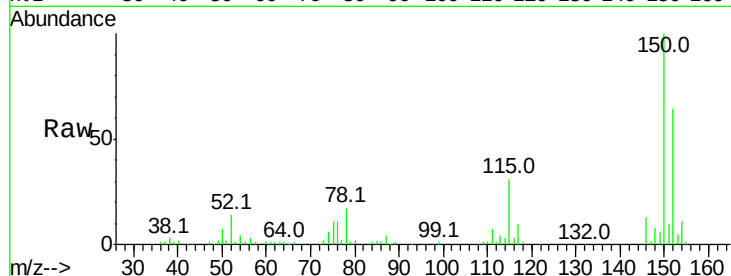
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.0	193.4
115	48.0	52.1	78.1#

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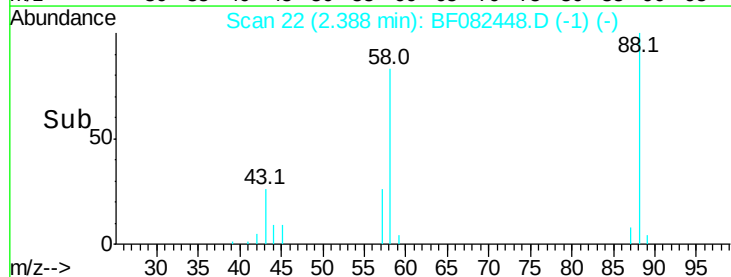
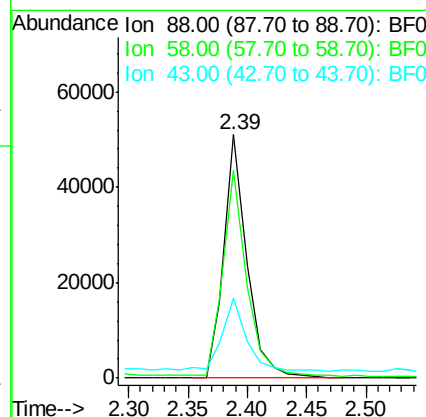
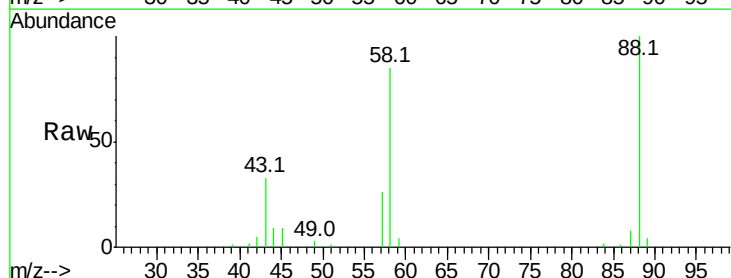
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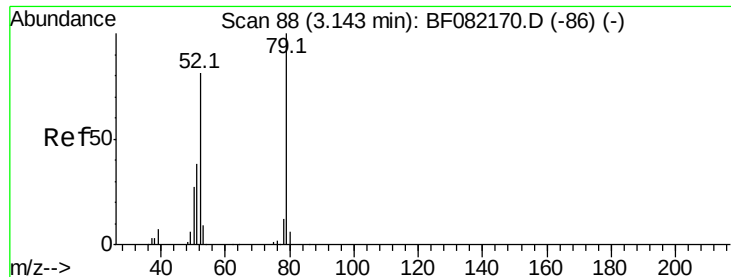


#2

1,4-Dioxane
Concen: 26.97 ng
RT: 2.39 min Scan# 22
Delta R.T. 0.11 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	66.2	99.4
43	32.8	23.0	34.4





#3

Pvridine

Concen: 32.64 ng

RT: 3.07 min Scan# 82

Delta R.T. 0.10 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

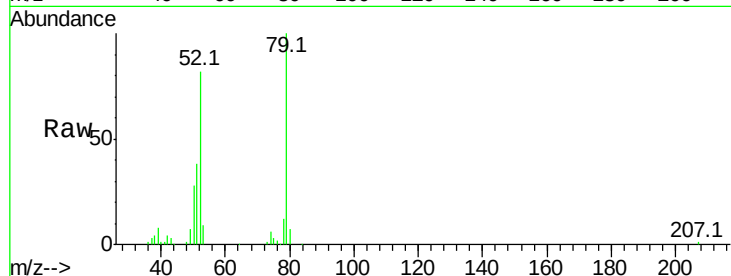
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ClientSampleId :

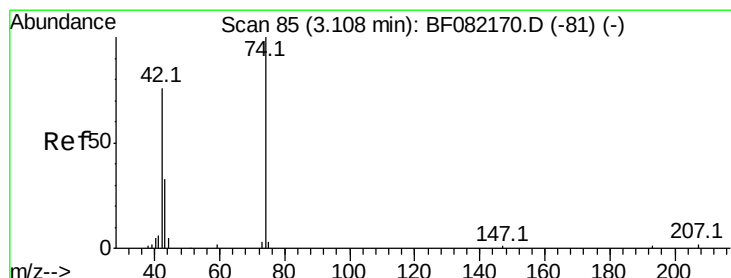
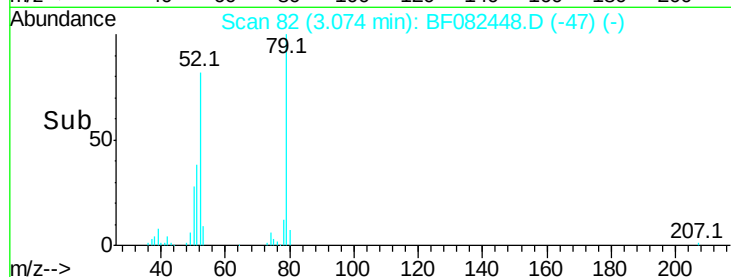
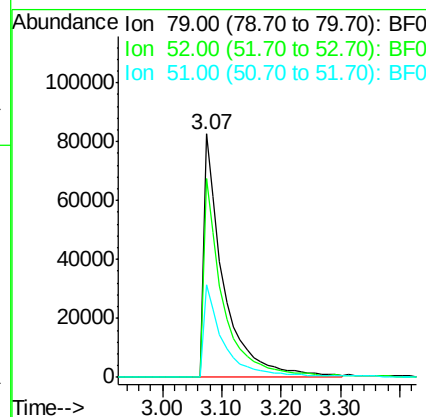
PB86203BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		193803		
52	81.7	64.4	96.6		
51	38.2	30.5	45.7		



#4

n-Nitrosodimethylamine

Concen: 32.88 ng

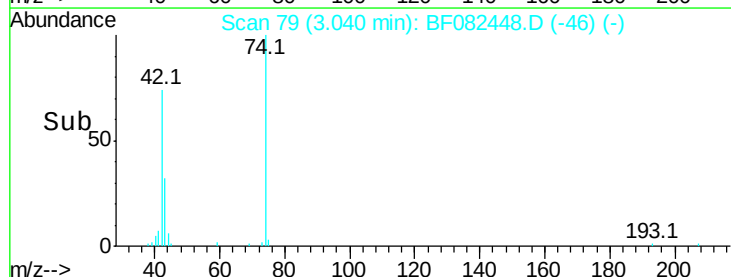
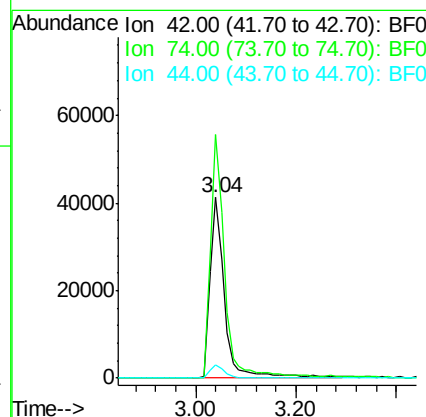
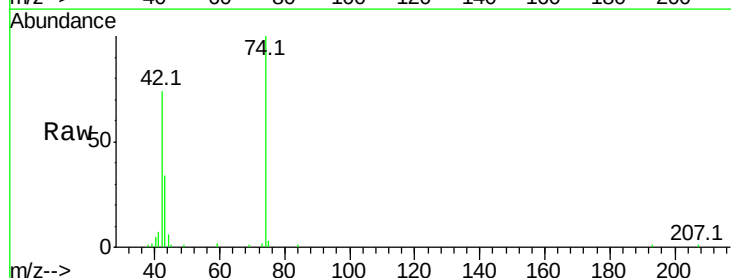
RT: 3.04 min Scan# 79

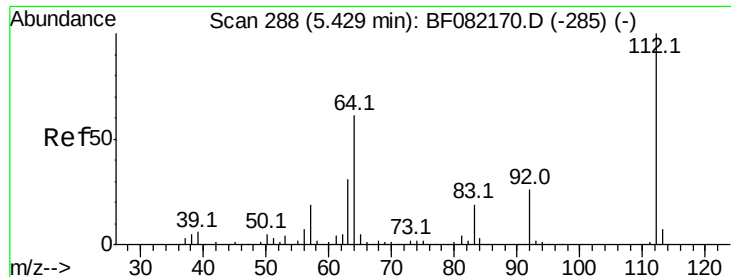
Delta R.T. 0.08 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		82780		
74	135.0	105.7	158.5		
44	7.5	5.4	8.2		





#5

2-Fluorophenol

Concen: 70.93 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

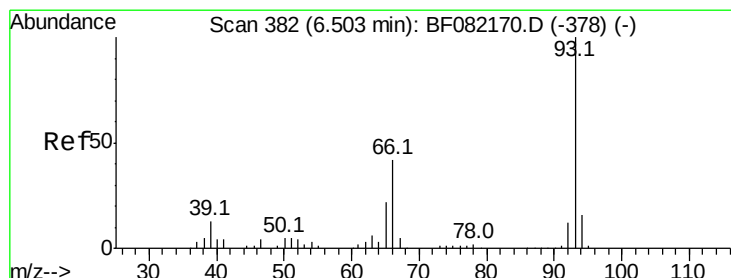
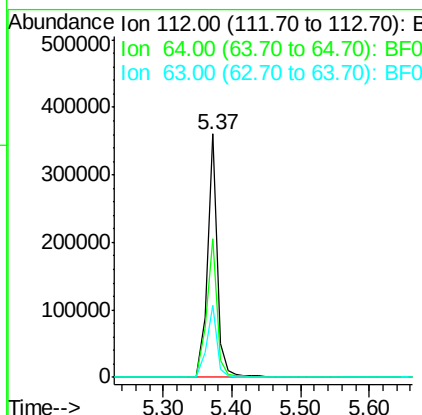
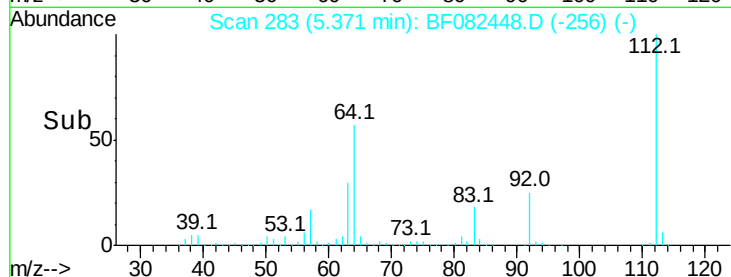
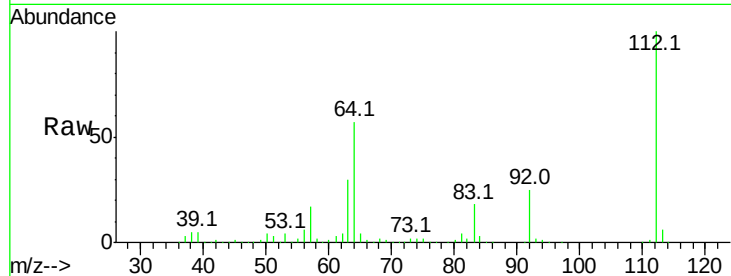
ClientSampleId :

PB86203BS

Tot Ion:	112	Resp:	360357
Ion Ratio	Lower	Upper	
112	100		
64	56.7	48.6	73.0
63	29.9	25.1	37.7

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#6

Aniline

Concen: 14.72 ng m

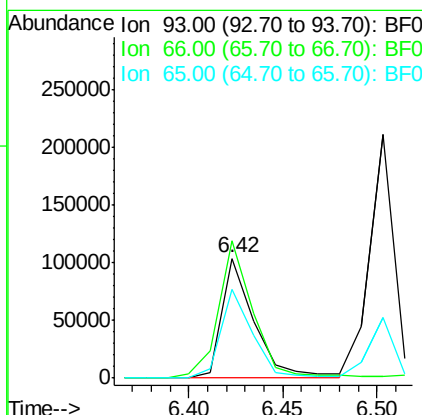
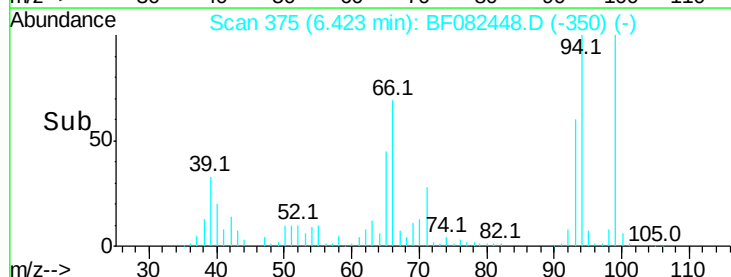
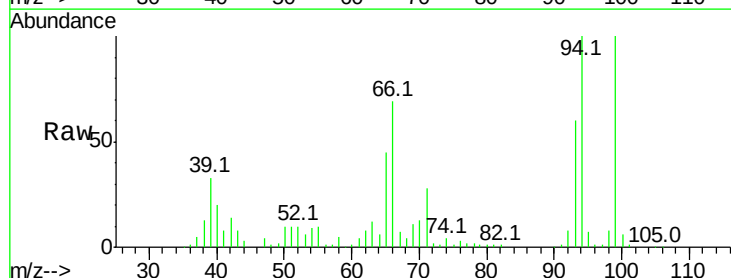
RT: 6.42 min Scan# 375

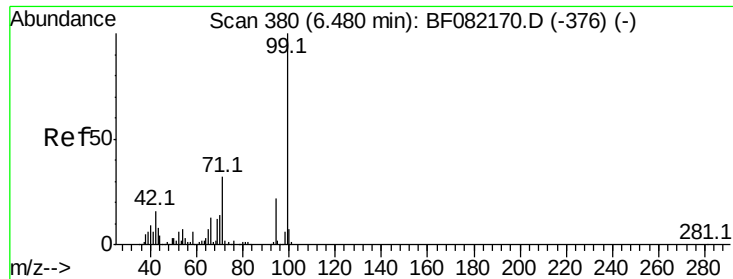
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	93	Resp:	125484
Ion Ratio	Lower	Upper	
93	100		
66	115.0	34.2	51.2#
65	74.5	17.9	26.9#





#7

Phenol-d6

Concen: 66.31 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

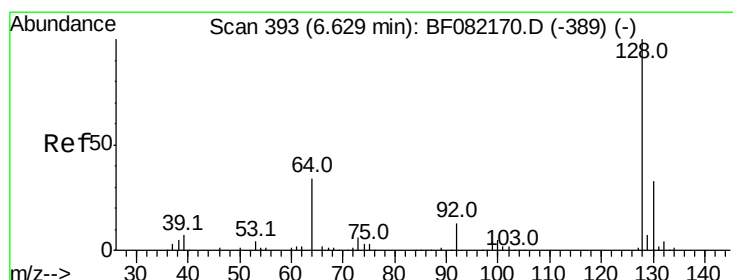
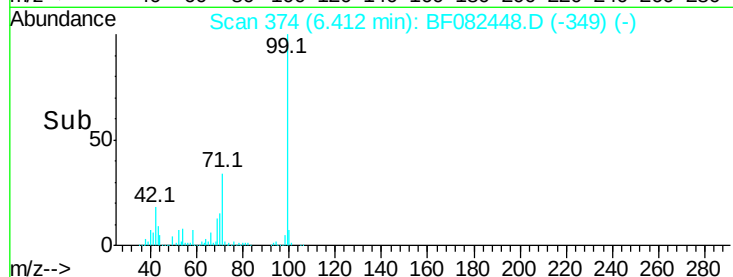
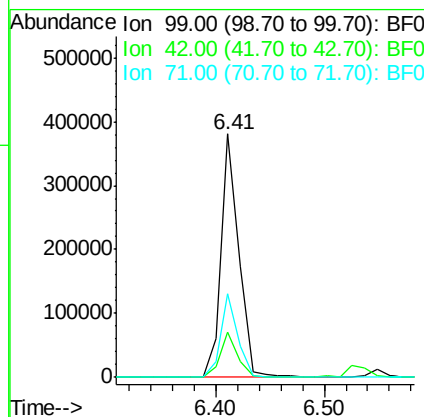
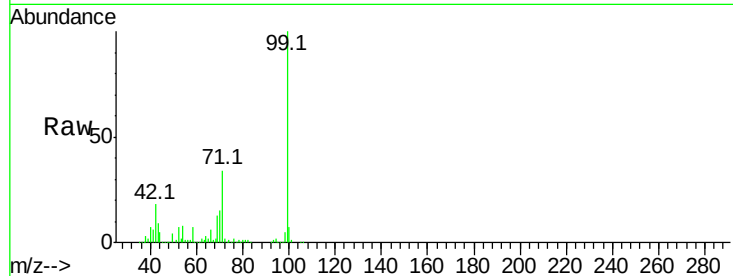
ClientSampleId :

PB86203BS

Tot Ion:	99	Resp:	438411
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.2	19.8
71	34.2	25.6	38.4

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#8

2-Chlorophenol

Concen: 33.65 ng

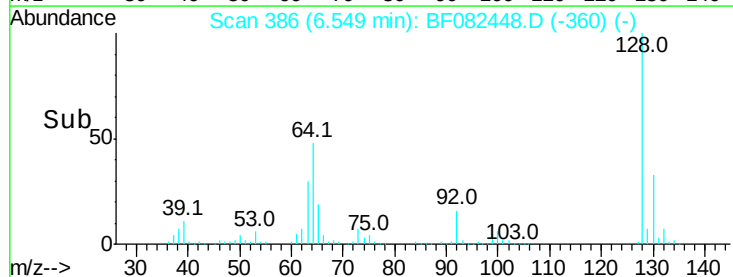
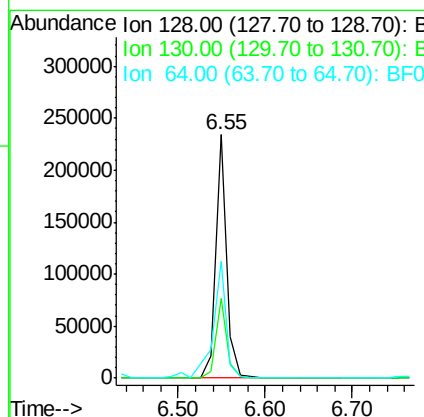
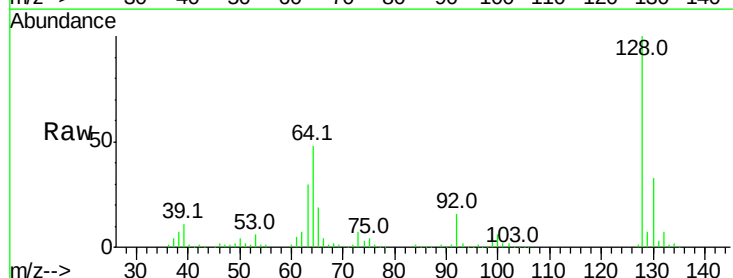
RT: 6.55 min Scan# 386

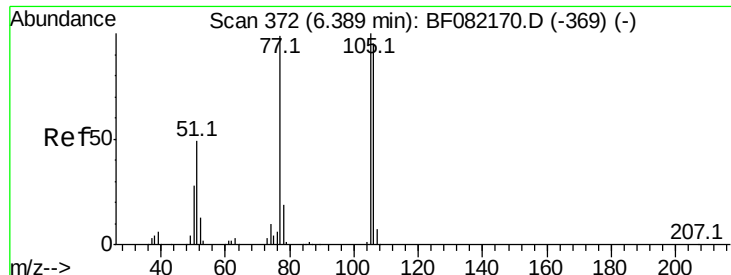
Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	128	Resp:	208704
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	47.9	16.7	56.7





#9

Benzaldehyde

Concen: 25.22 ng

RT: 6.31 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

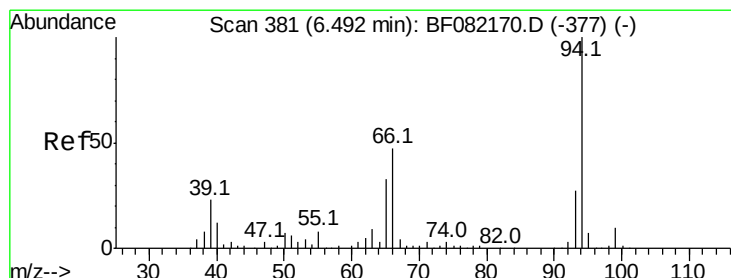
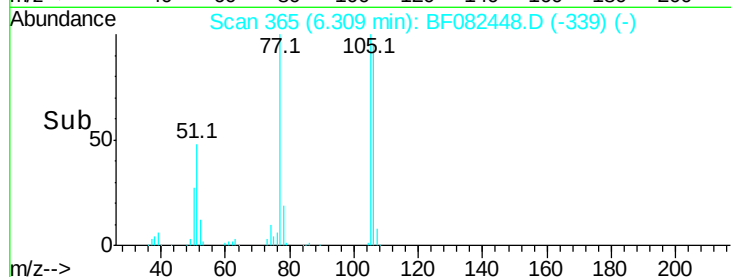
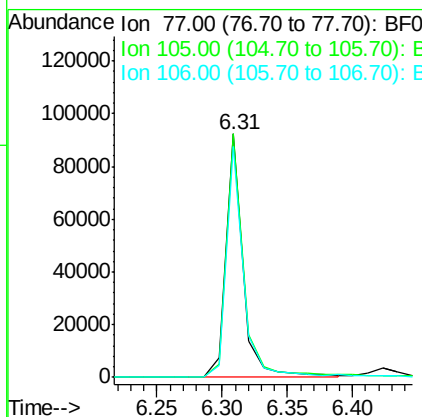
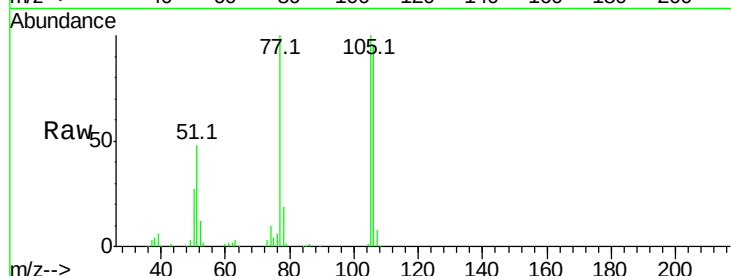
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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	80.6	120.6
106	94.7	75.5	115.5



#10

Phenol

Concen: 29.61 ng m

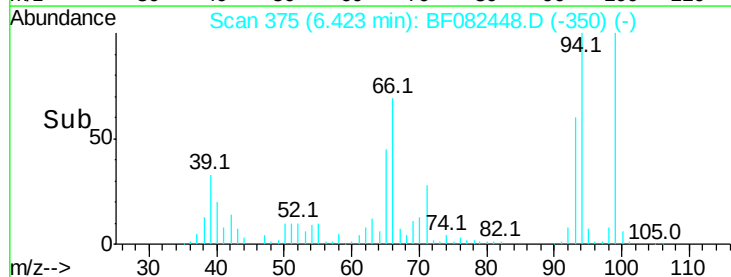
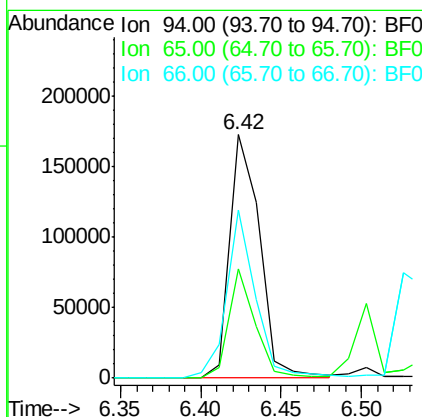
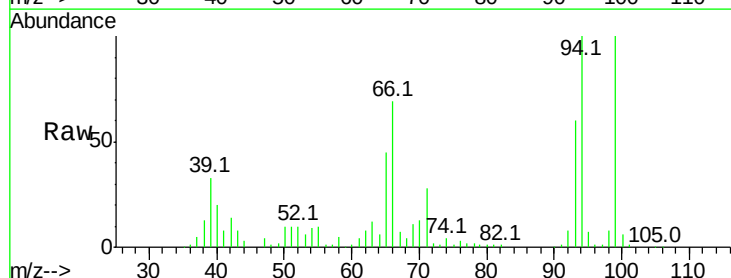
RT: 6.42 min Scan# 375

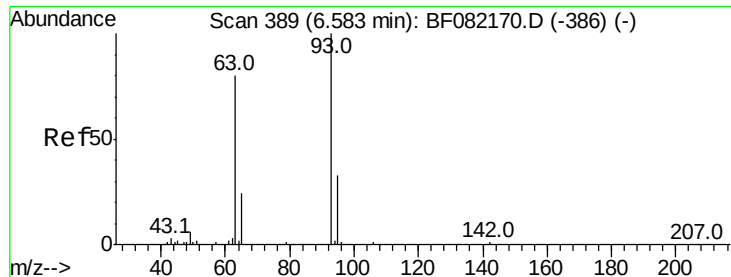
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.8	12.6	52.6
66	69.1	27.3	67.3#





#11

bis(2-Chloroethyl)ether

Concen: 28.91 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

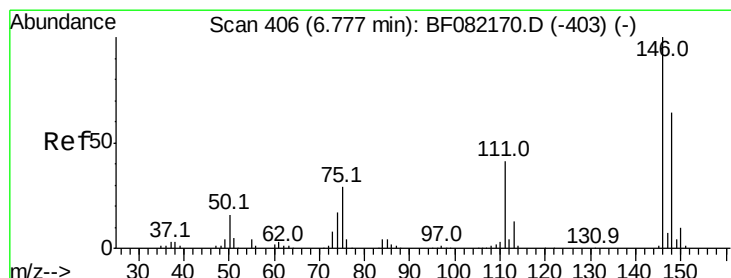
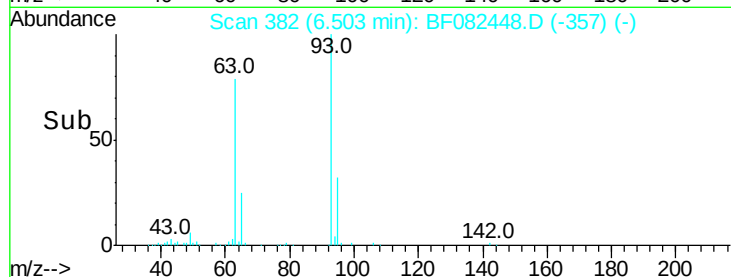
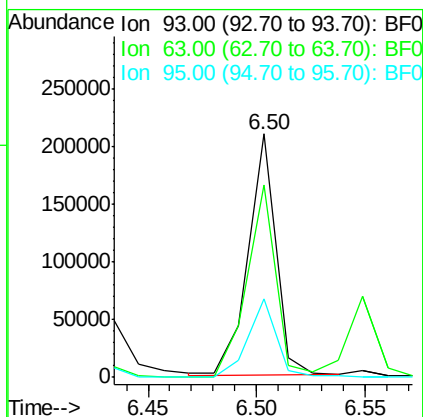
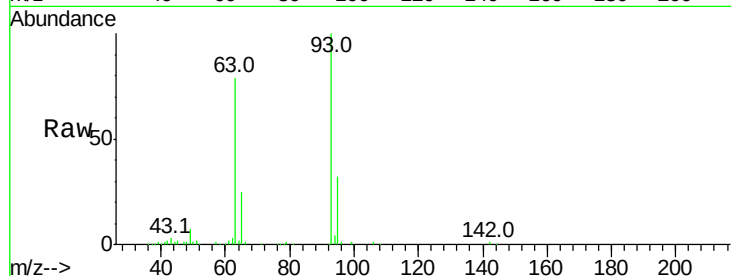
ClientSampleId :

PB86203BS

Tot Ion:	93	Resp:	186377
Ion Ratio	Lower	Upper	
93	100		
63	79.3	57.1	97.1
95	32.2	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 31.49 ng m

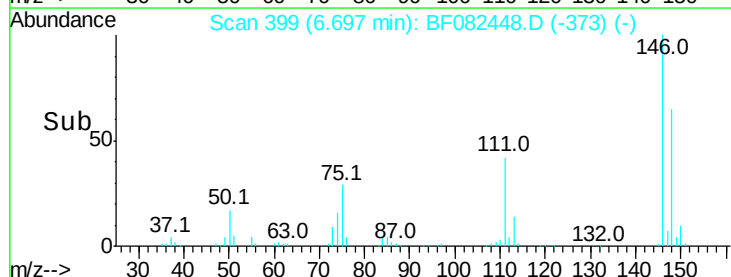
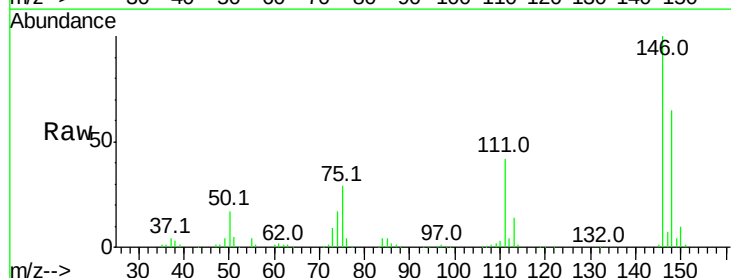
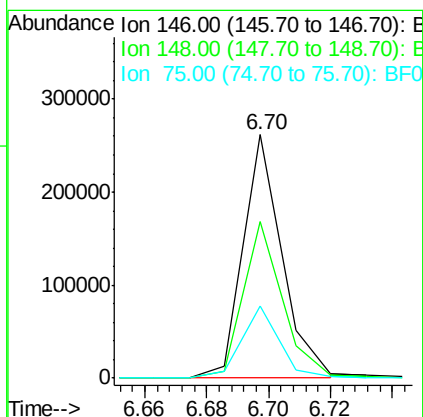
RT: 6.70 min Scan# 399

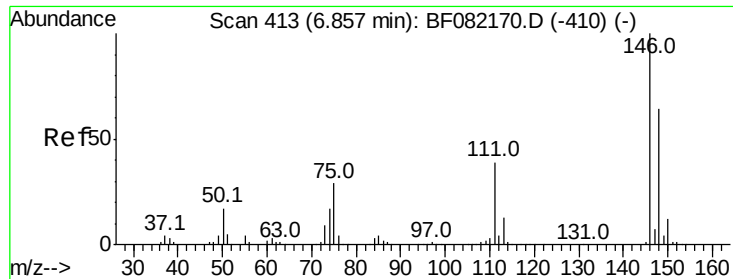
Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	146	Resp:	227452
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.2
75	29.4	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 31.73 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

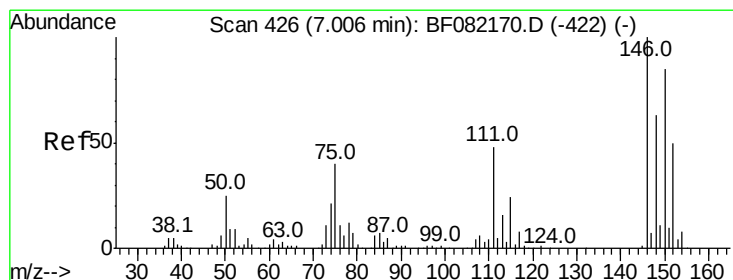
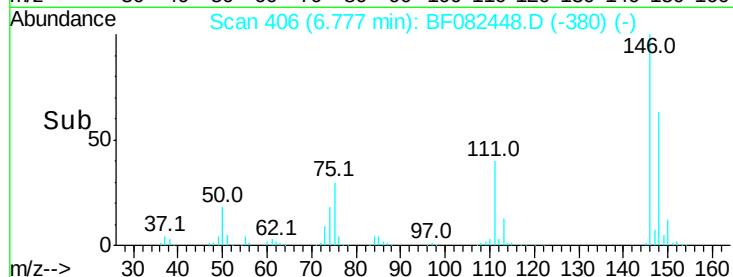
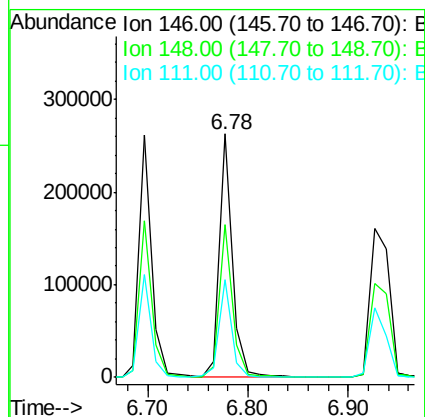
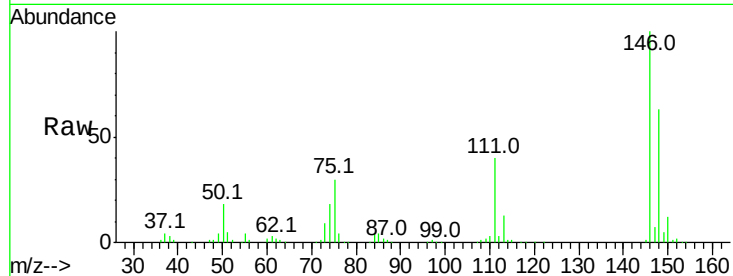
ClientSampleId :

PB86203BS

Tot Ion:	146	Resp:	239336
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.4
111	40.2	31.1	46.7

Manual Integrations
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mmdadoda
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#14

1,2-Dichlorobenzene

Concen: 30.20 ng

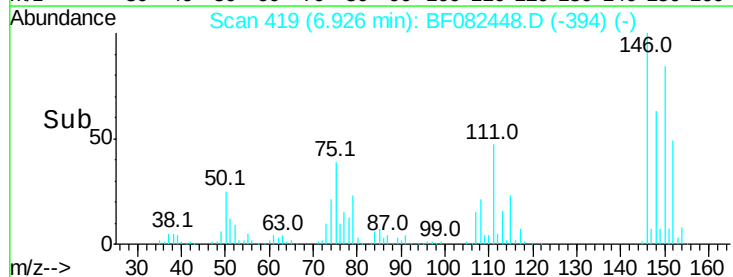
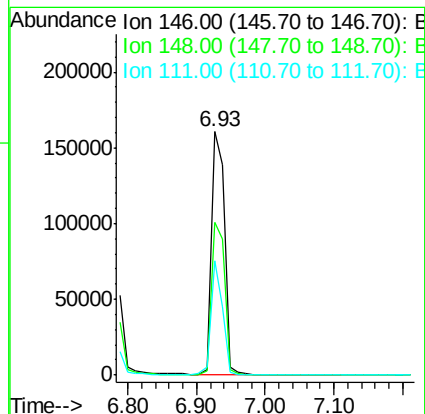
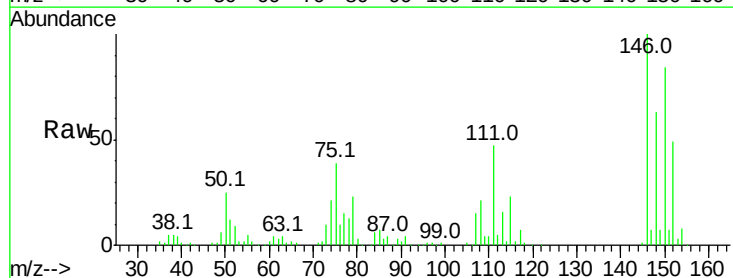
RT: 6.93 min Scan# 419

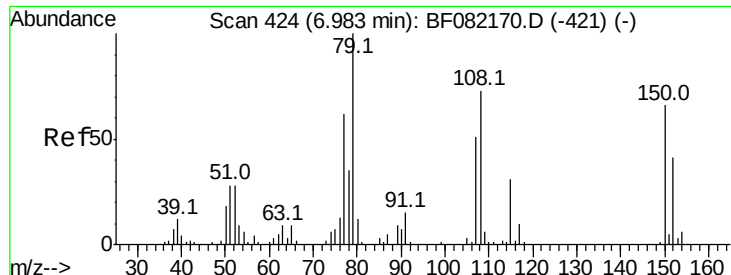
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	146	Resp:	216272
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.5	75.7
111	47.1	38.5	57.7





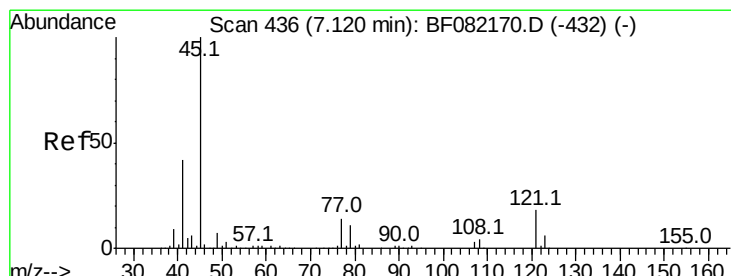
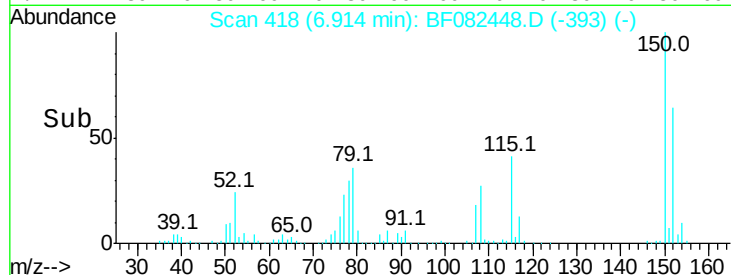
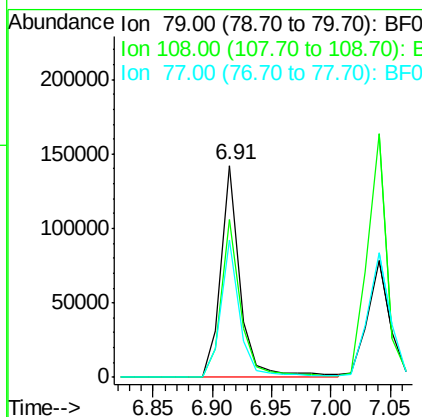
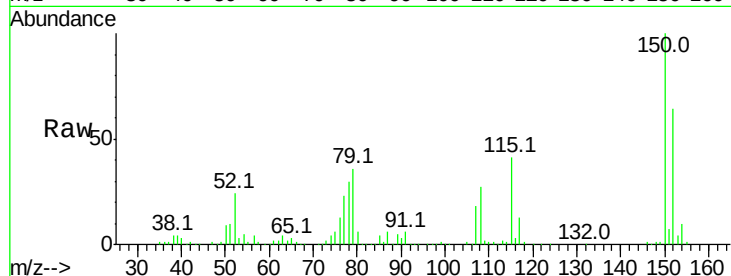
#15
Benzyl Alcohol
Concen: 35.24 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	58.4	87.6
77	64.6	49.8	74.6

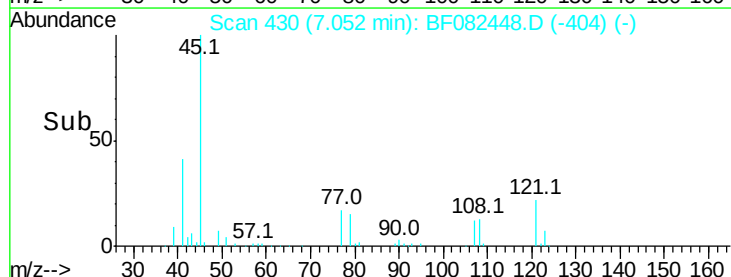
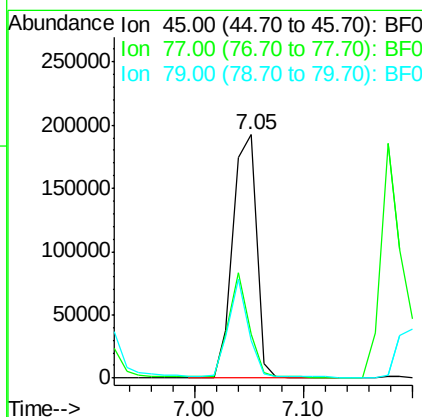
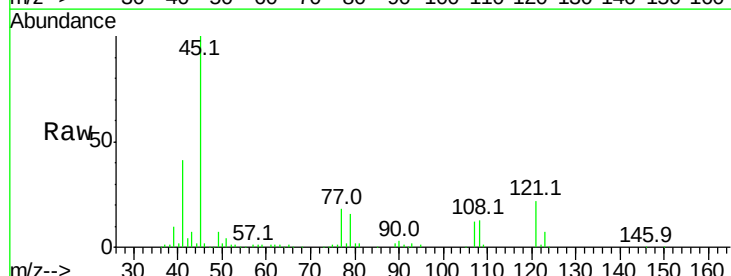
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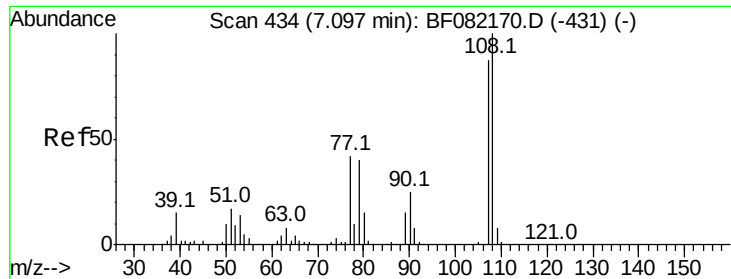
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.97 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	34.5
79	15.7	0.0	31.6





#17

2-Methylphenol

Concen: 33.42 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

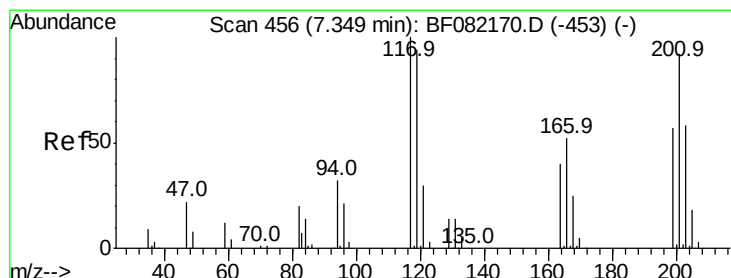
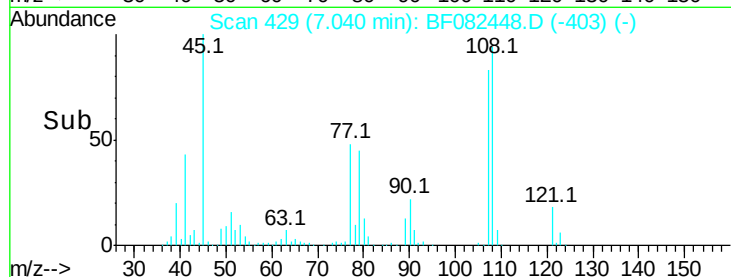
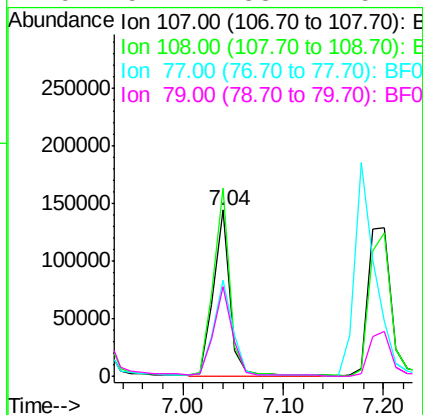
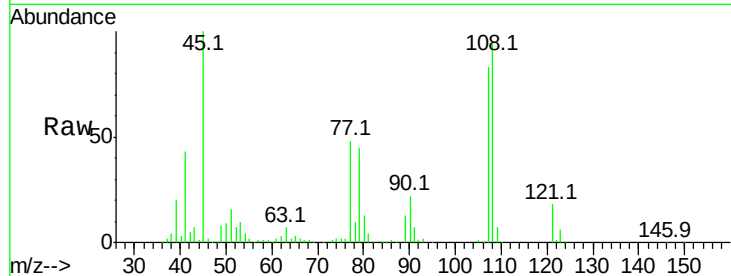
ClientSampleId :

PB86203BS

Tot Ion:	107	Resp:	163887
Ion Ratio	Lower	Upper	
107	100		
108	113.3	92.2	138.2
77	58.0	39.6	59.4
79	54.2	38.2	57.4

Manual Integrations
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#18

Hexachloroethane

Concen: 30.96 ng

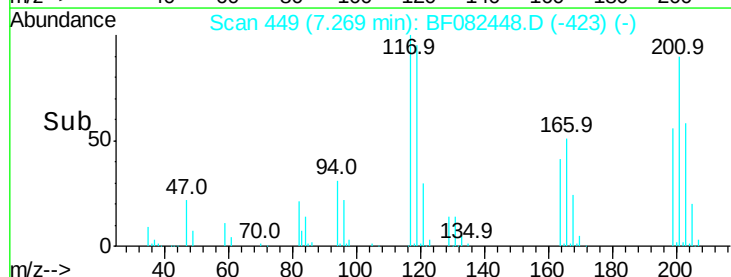
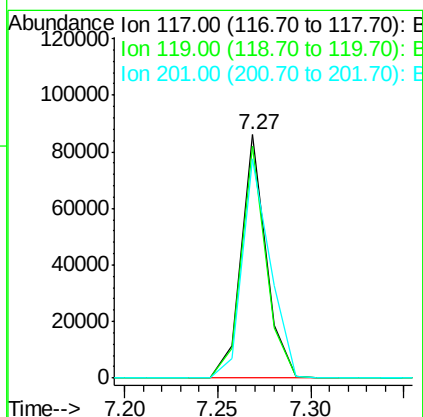
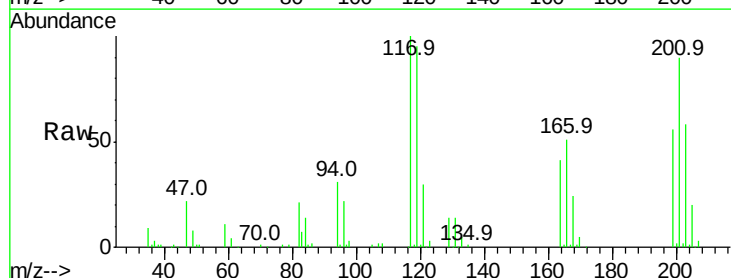
RT: 7.27 min Scan# 449

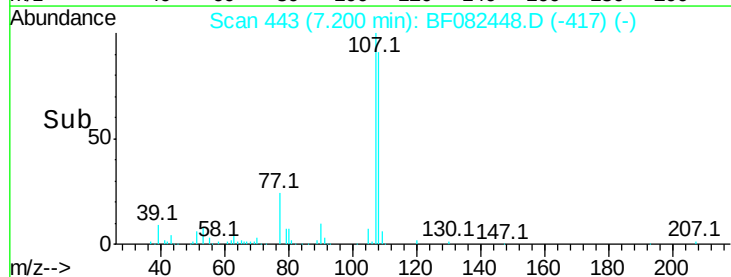
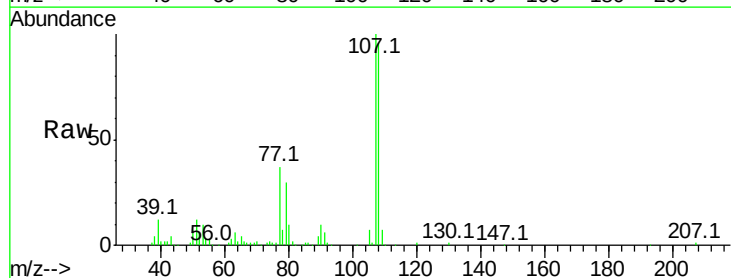
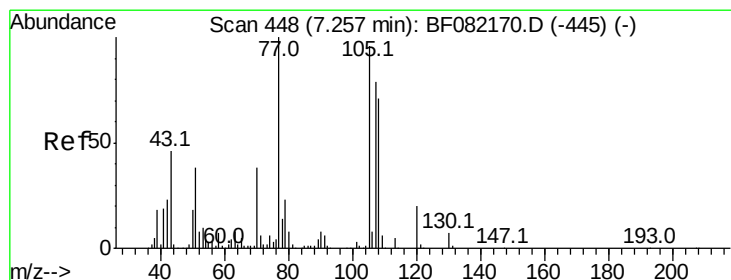
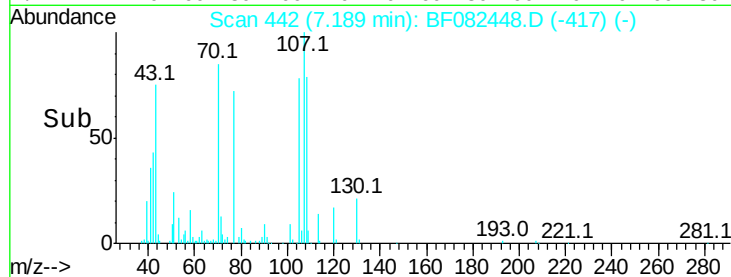
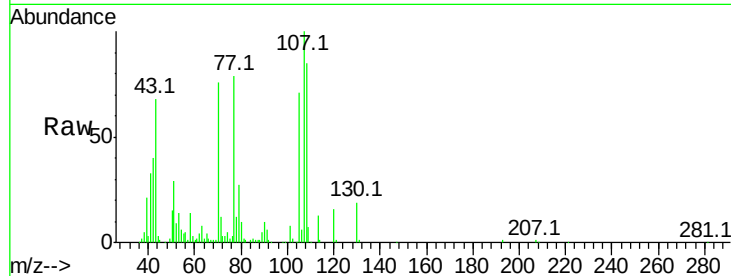
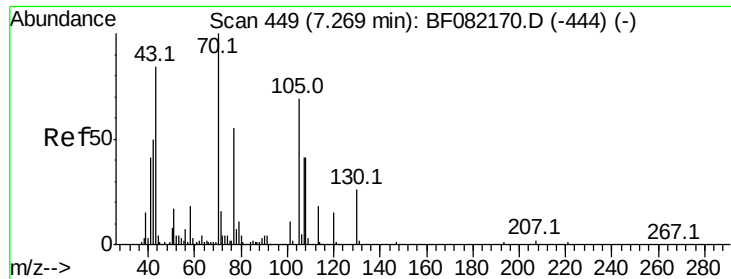
Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	117	Resp:	79925
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.4	113.2
201	90.0	73.4	110.0





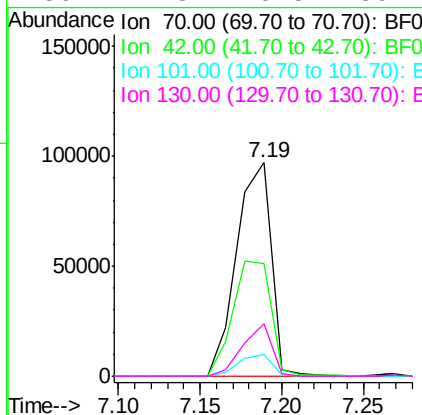
#19
n-Nitroso-di-n-propylamine
Concen: 30.69 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.5	39.8	59.8		
101	10.1	8.6	13.0		
130	24.3	20.5	30.7		

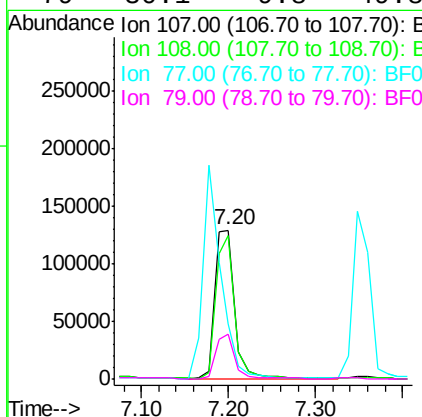
Manual Integrations
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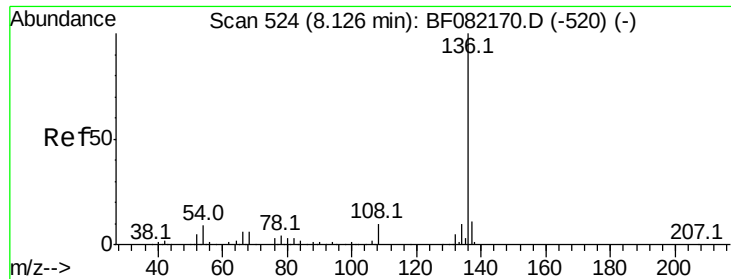
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#20
3+4-Methylphenols
Concen: 35.54 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.1	69.9	109.9		
77	36.6	106.0	146.0#		
79	30.1	9.8	49.8		





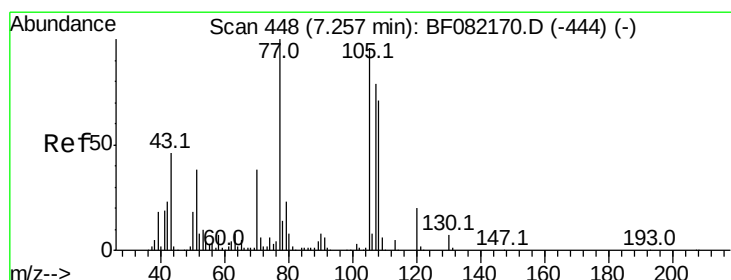
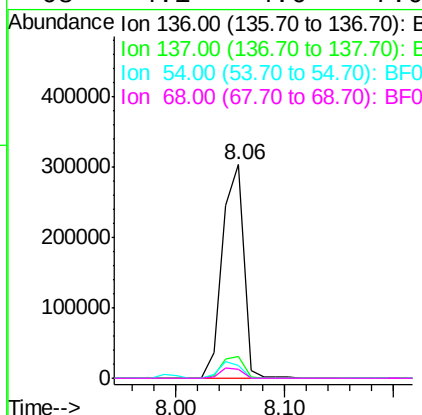
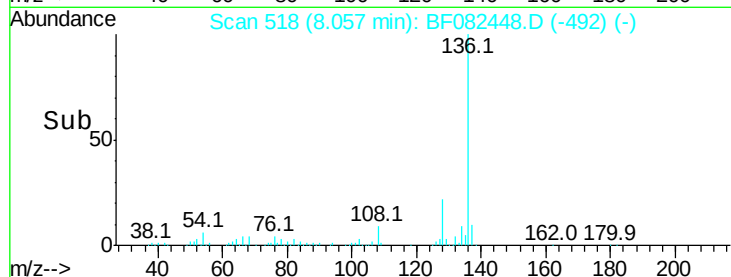
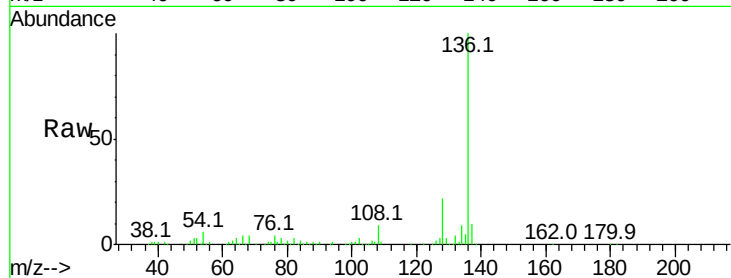
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.0	13.6	
54	6.0	7.5	11.3#	
68	4.1	4.6	7.0#	

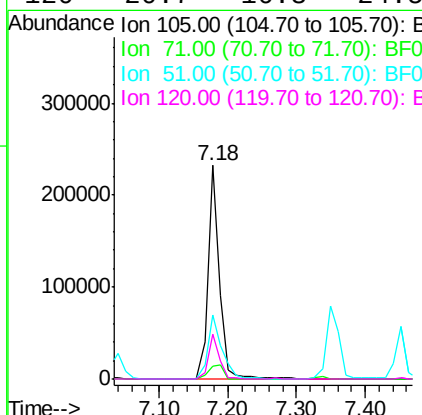
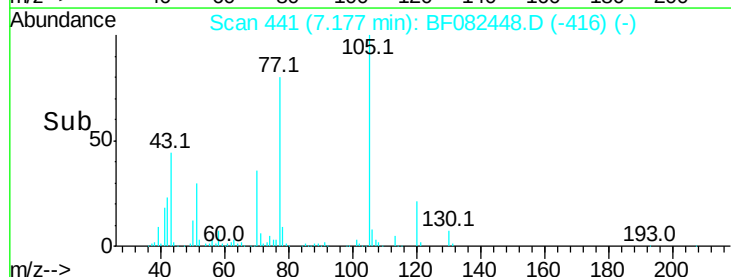
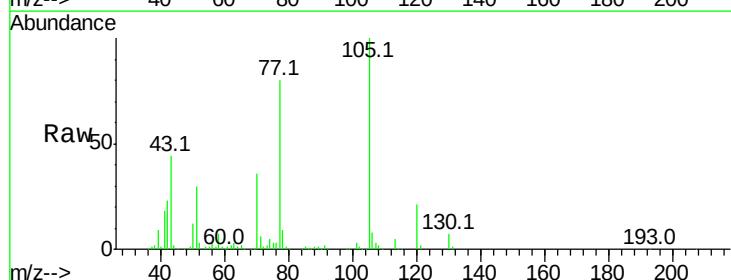
Manual Integrations
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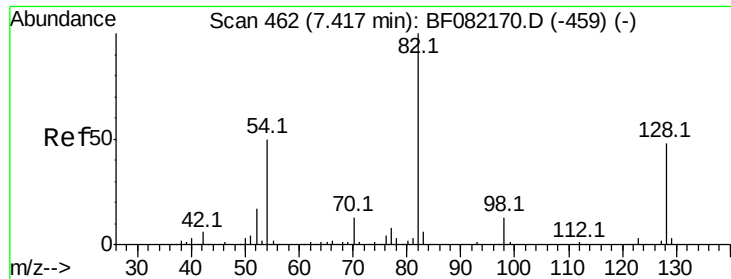
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#22
Acetophenone
Concen: 32.64 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	5.4	8.0	
51	29.8	31.8	47.6#	
120	20.7	16.3	24.5	





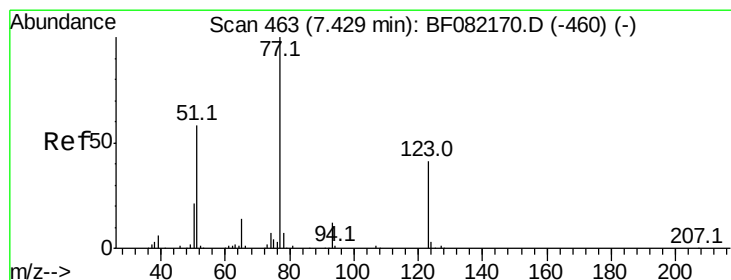
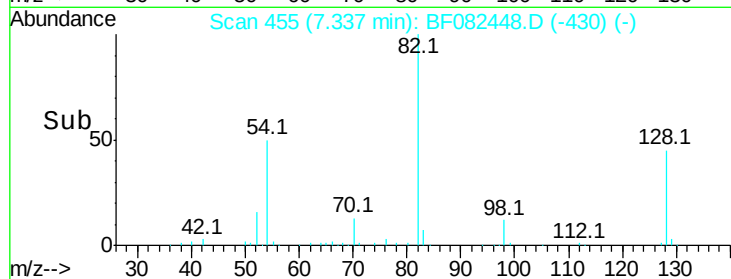
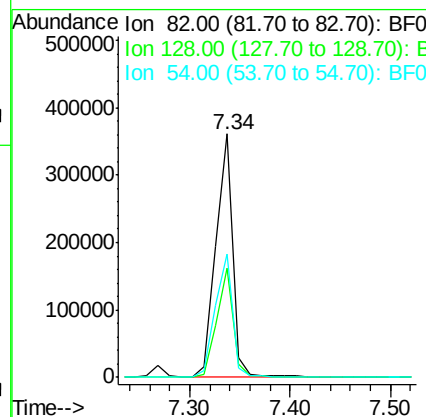
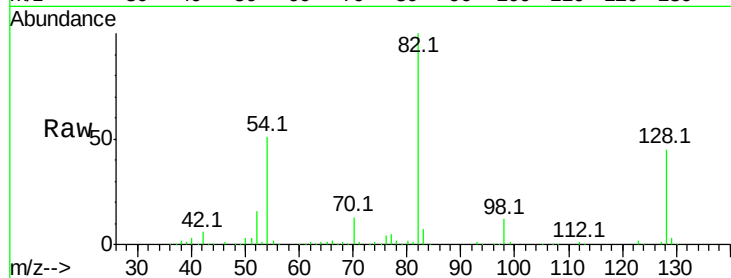
#23
 Nitrobenzene-d5
 Concen: 69.00 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	82	Resp	424423
Ion Ratio	100	Lower	Upper
128	44.8	38.7	58.1
54	50.7	40.1	60.1

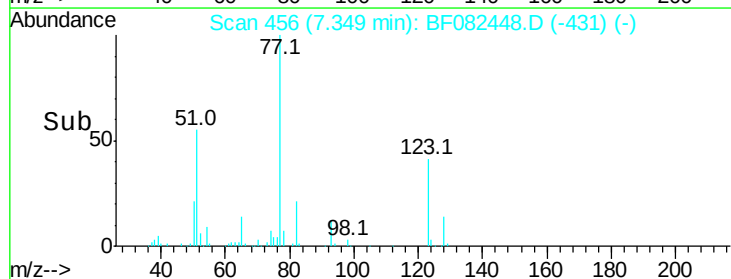
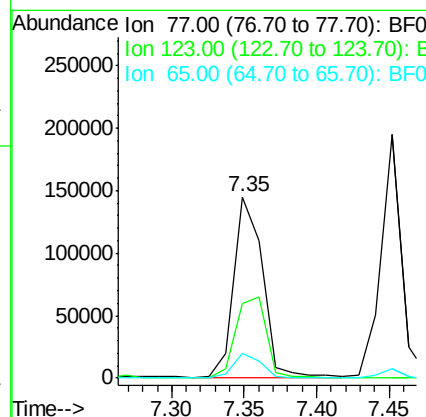
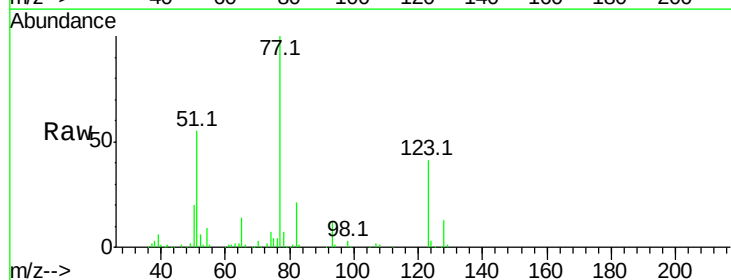
Manual Integrations
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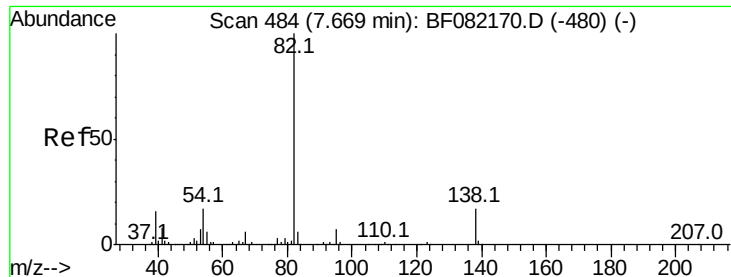
mmdadoda
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#24
 Nitrobenzene
 Concen: 29.73 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	77	Resp	197945
Ion Ratio	100	Lower	Upper
123	41.1	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 30.52 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

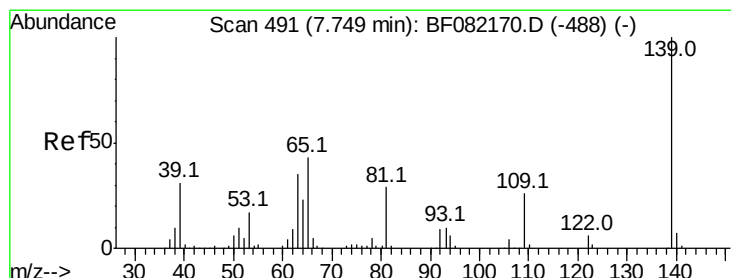
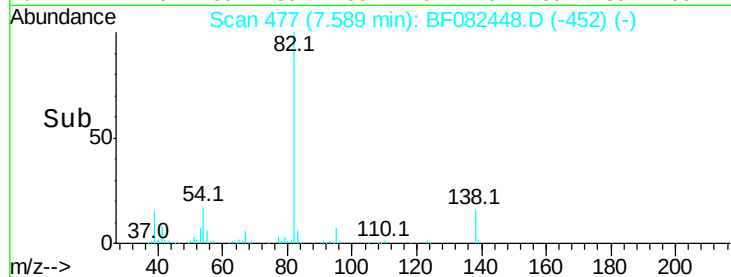
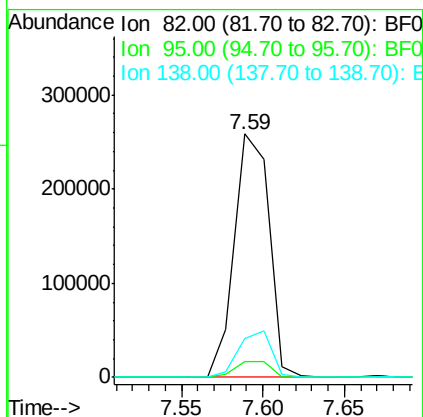
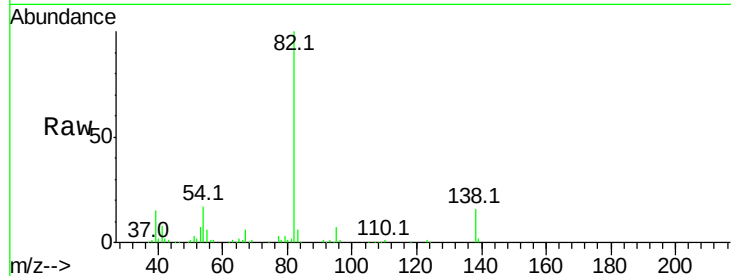
ClientSampleId :

PB86203BS

Tot Ion:	82	Resp:	378856
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	16.0	13.6	20.4

Manual Integrations
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mmdadoda
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#26

2-Nitrophenol

Concen: 31.59 ng

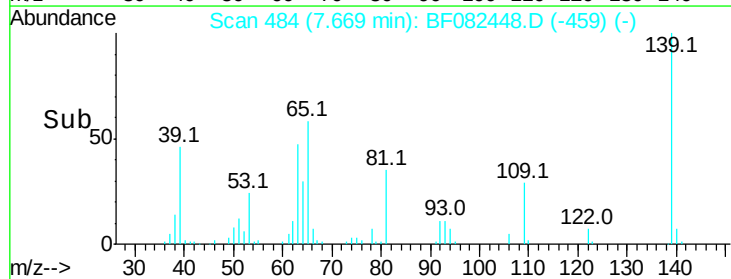
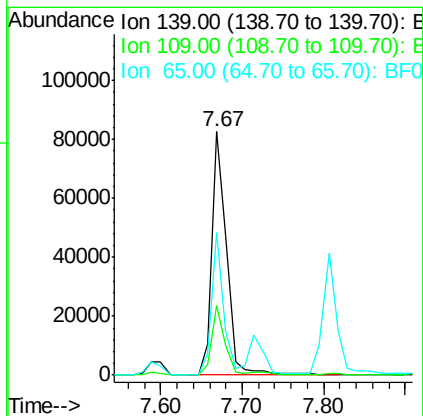
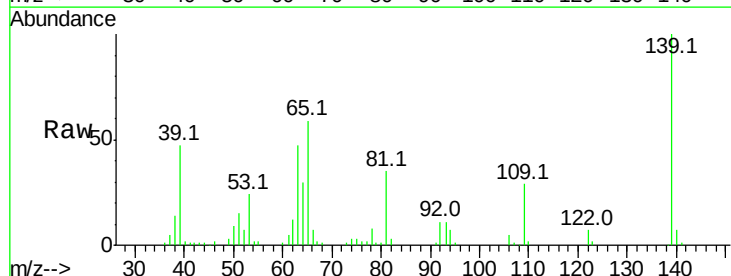
RT: 7.67 min Scan# 484

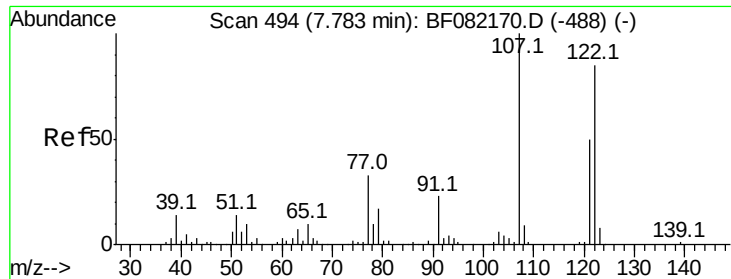
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	139	Resp:	105034
Ion Ratio	Lower	Upper	
139	100		
109	28.7	20.6	31.0
65	58.5	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 33.36 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

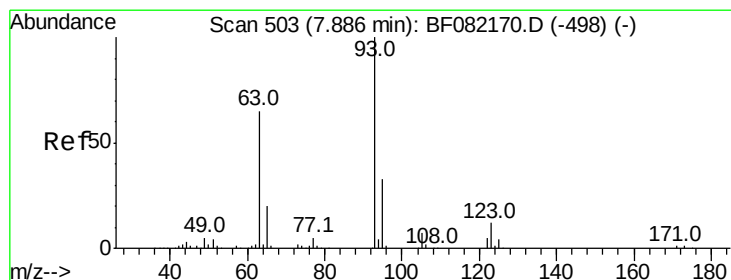
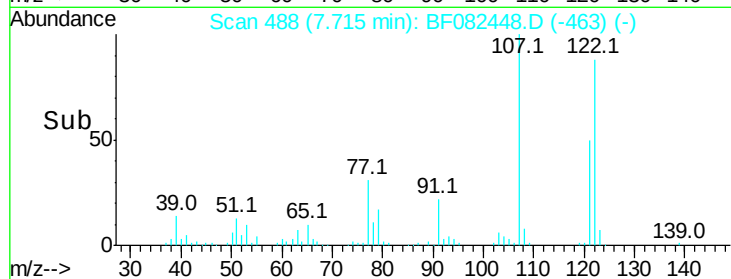
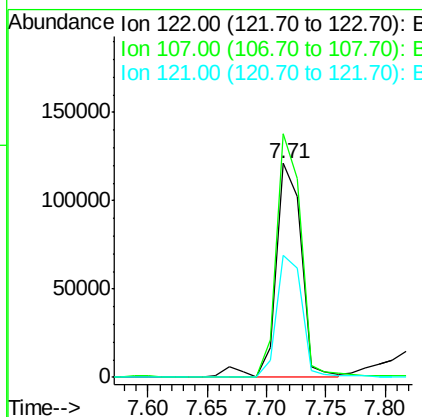
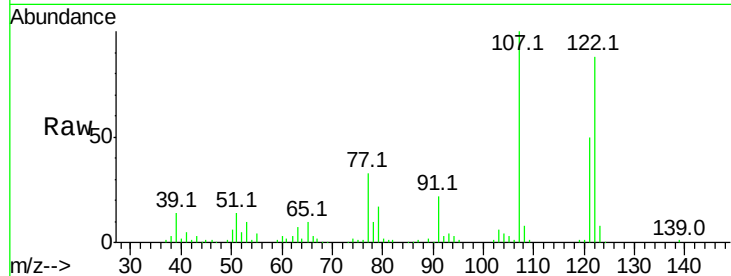
ClientSampleId :

PB86203BS

Tot Ion:	122	Resp:	178678
Ion Ratio	Lower	Upper	
122	100		
107	113.9	94.0	141.0
121	57.0	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 31.36 ng

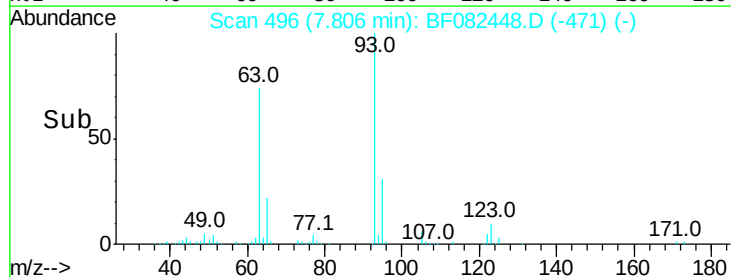
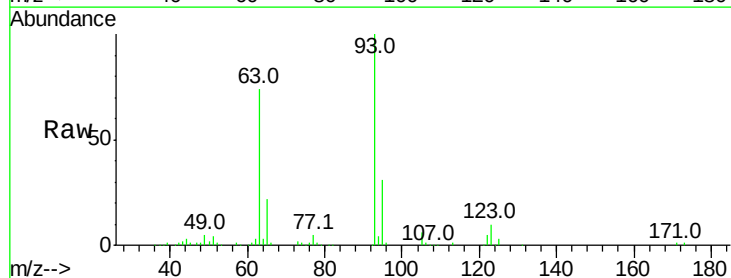
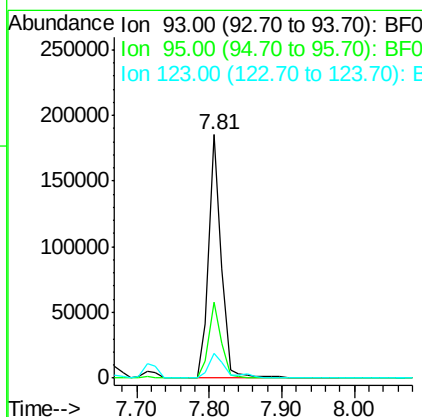
RT: 7.81 min Scan# 496

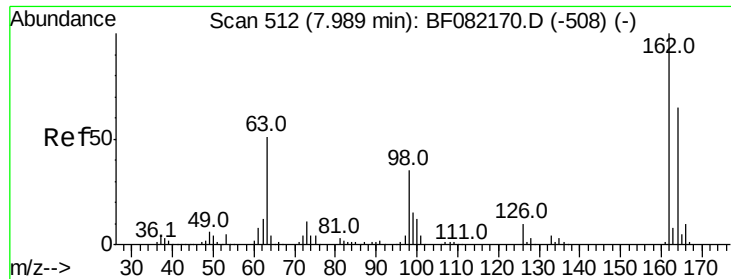
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	93	Resp:	226552
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.6	39.8
123	10.1	9.5	14.3





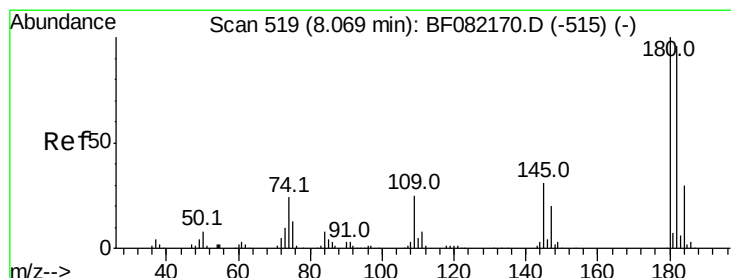
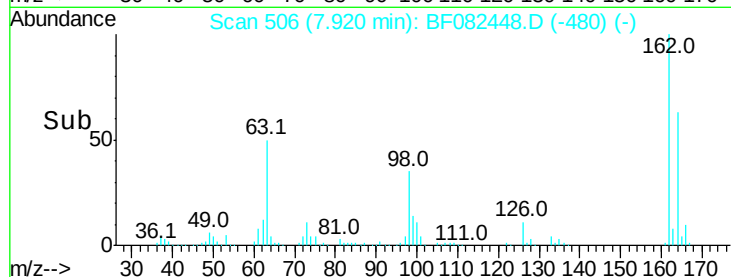
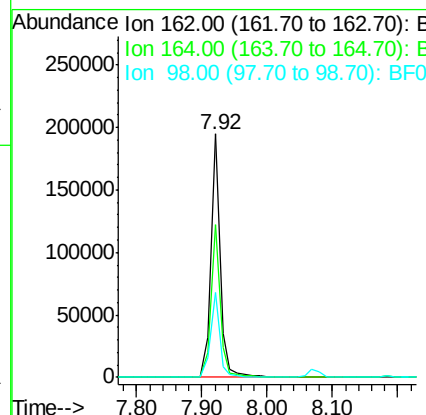
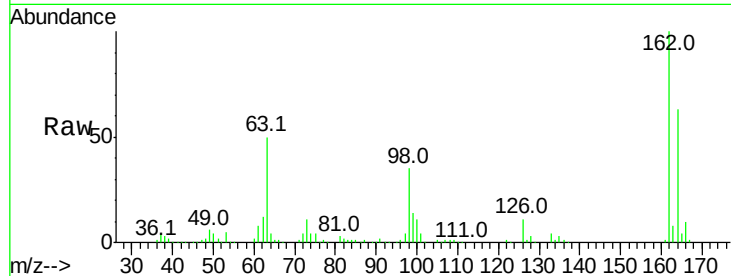
#29
 2,4-Dichlorophenol
 Concen: 35.91 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		192277		
164	63.0	44.6	84.6		
98	34.7	15.0	55.0		

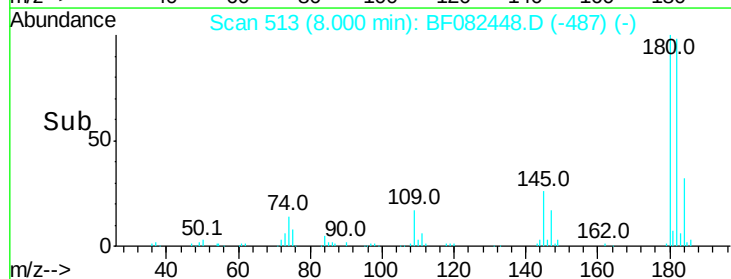
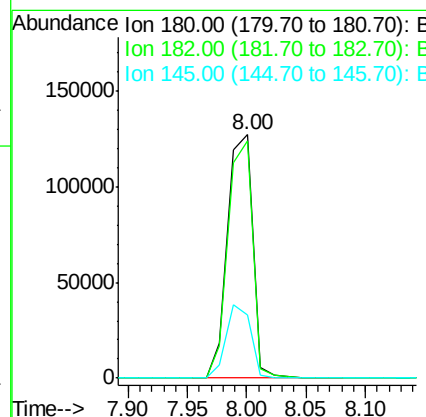
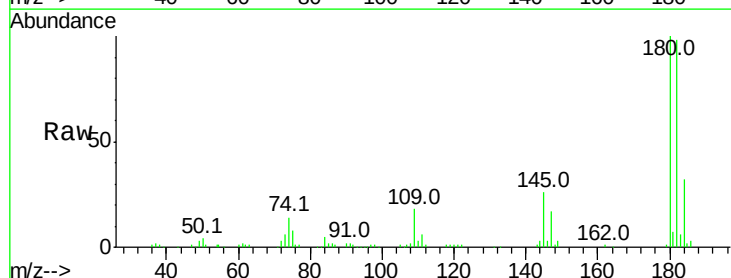
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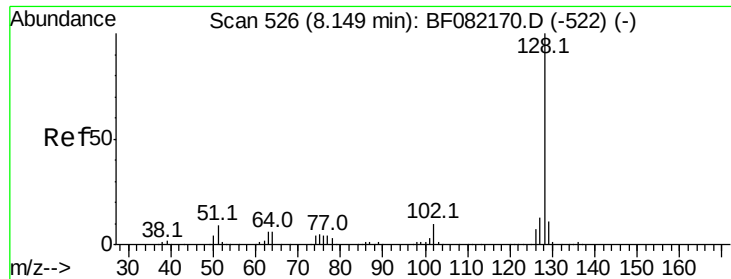
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.31 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		187080		
182	97.5	77.0	115.4		
145	25.7	25.0	37.4		





#31

Naphthalene

Concen: 31.55 ng

RT: 8.07 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

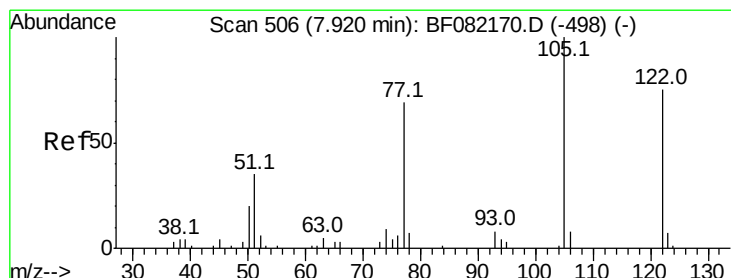
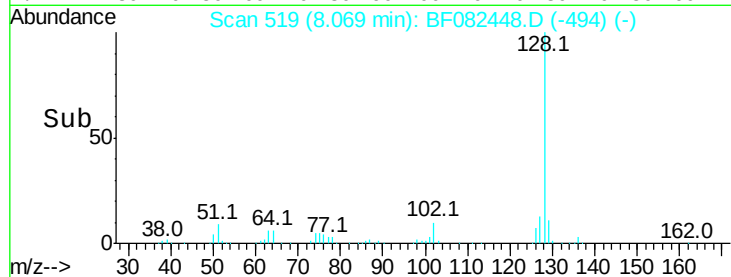
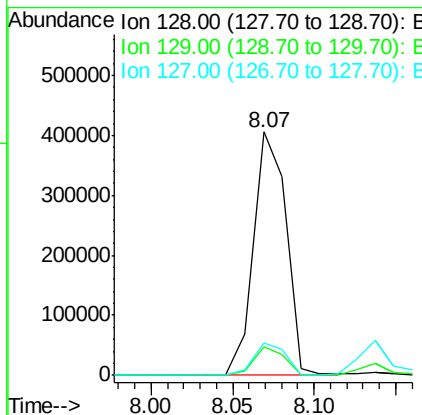
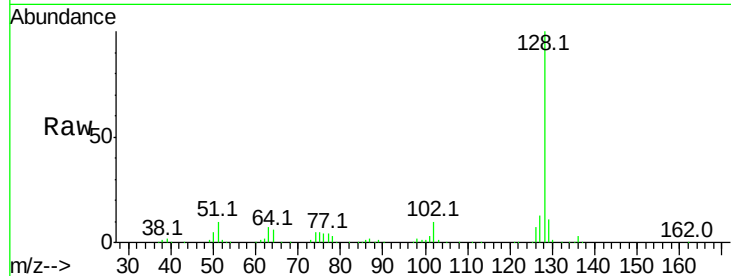
ClientSampleId :

PB86203BS

Tot Ion:	128	Resp:	564928
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.1	13.7
127	13.1	10.7	16.1

Manual Integrations
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#32

Benzoic acid

Concen: 27.89 ng

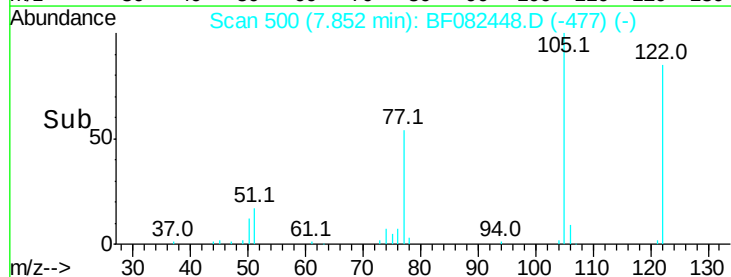
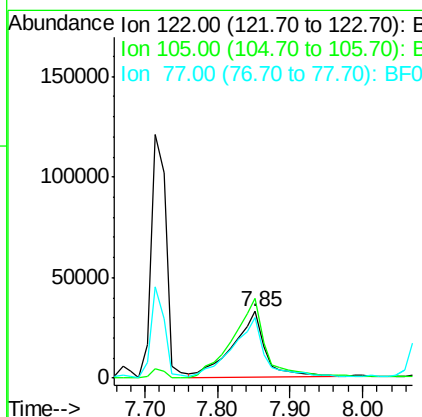
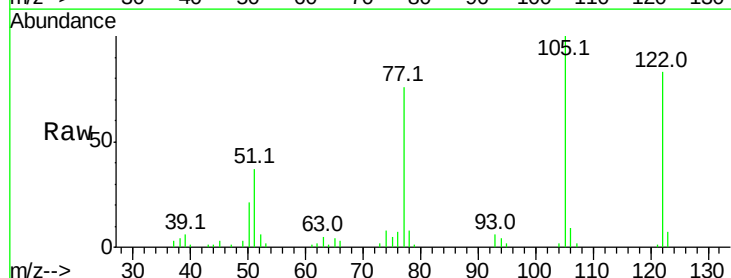
RT: 7.85 min Scan# 500

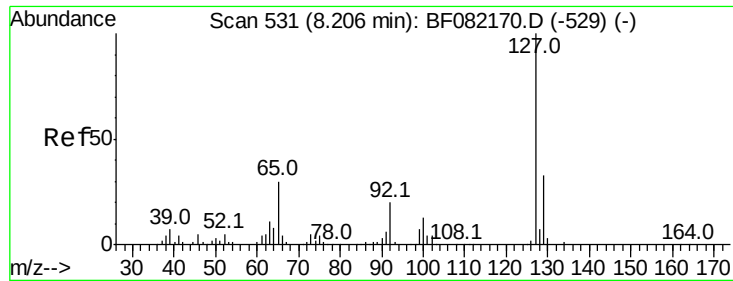
Delta R.T. -0.03 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	122	Resp:	100260
Ion Ratio	Lower	Upper	
122	100		
105	119.8	104.4	144.4
77	90.6	69.0	109.0





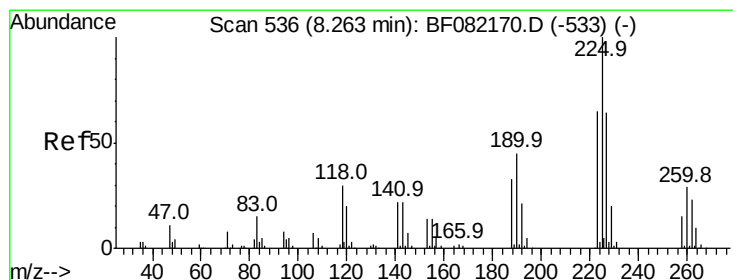
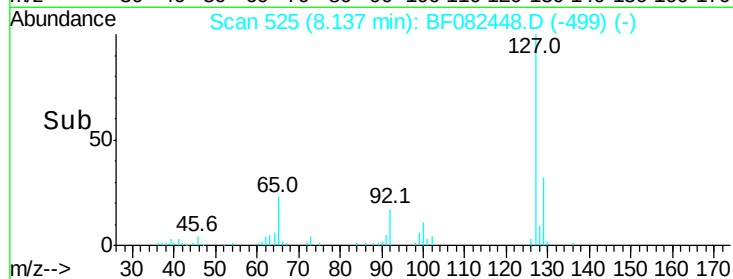
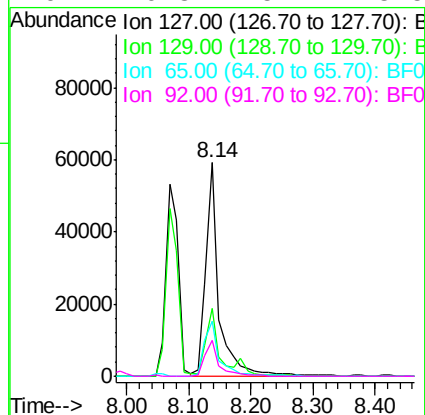
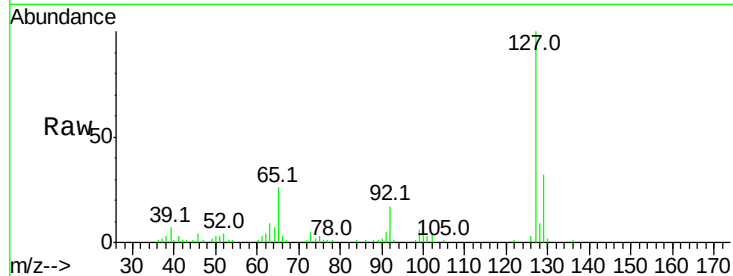
#33
4-Chloroaniline
Concen: 12.01 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	25.5	24.4	36.6
92	16.8	15.7	23.5

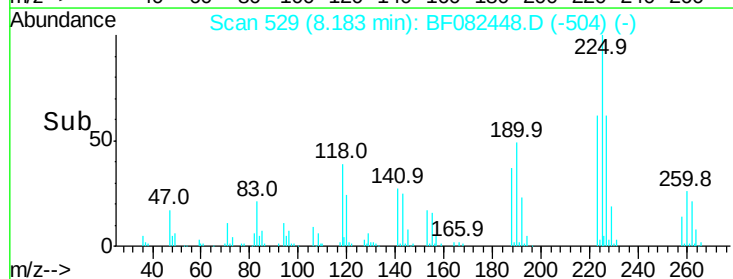
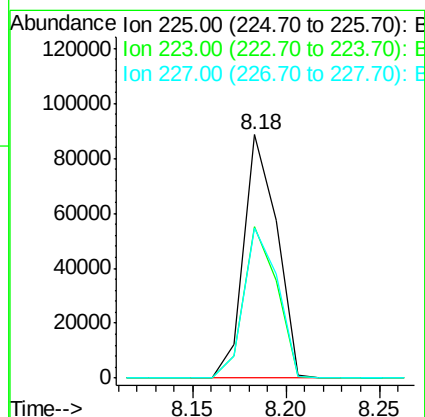
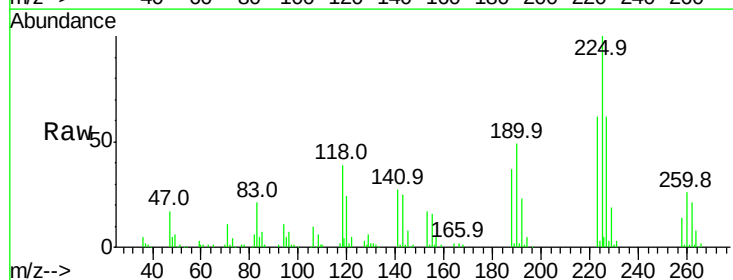
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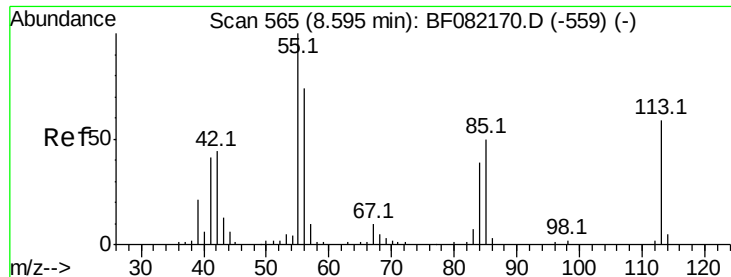
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#34
Hexachlorobutadiene
Concen: 28.39 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.2	78.2
227	61.8	51.3	76.9





#35

Caprolactam

Concen: 35.87 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

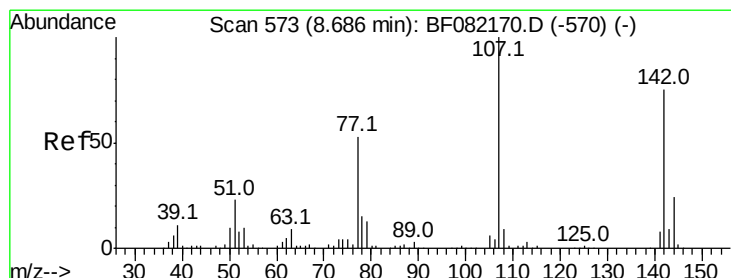
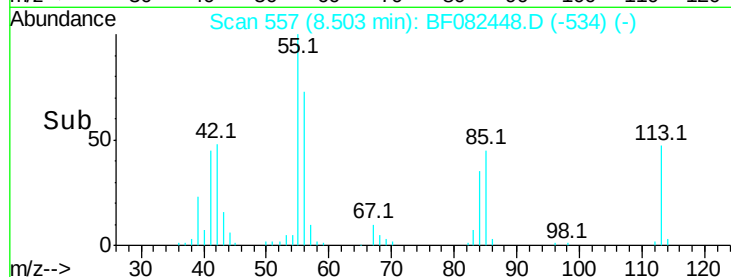
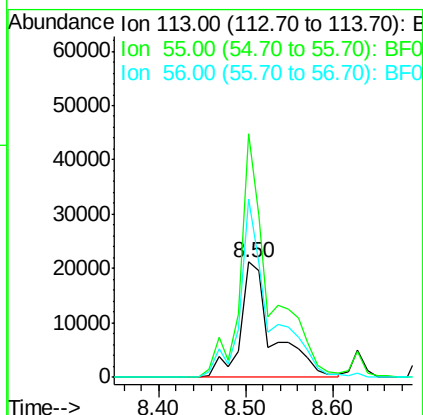
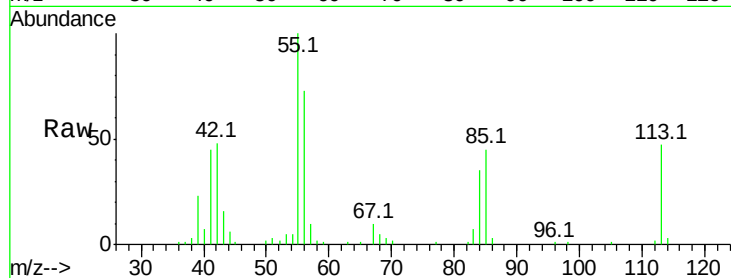
ClientSampleId :

PB86203BS

Tot Ion:113 Resp: 55747
 Ion Ratio Lower Upper
 113 100
 55 211.4 149.7 189.7#
 56 155.0 105.4 145.4#

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#36

4-Chloro-3-methylphenol

Concen: 35.42 ng

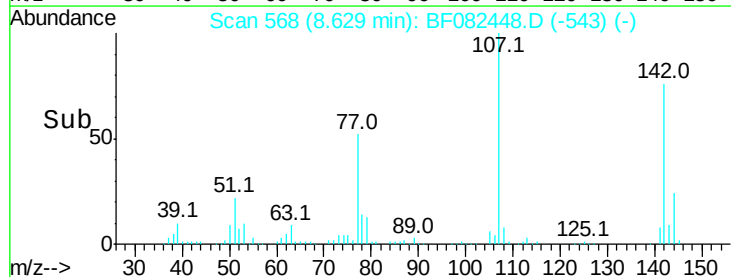
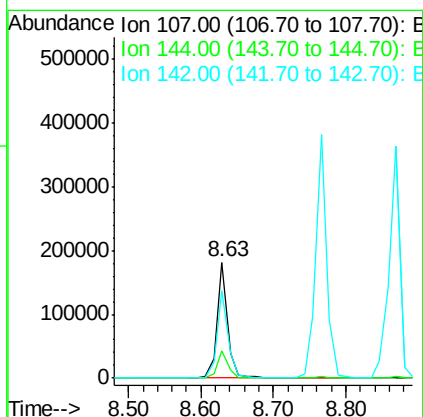
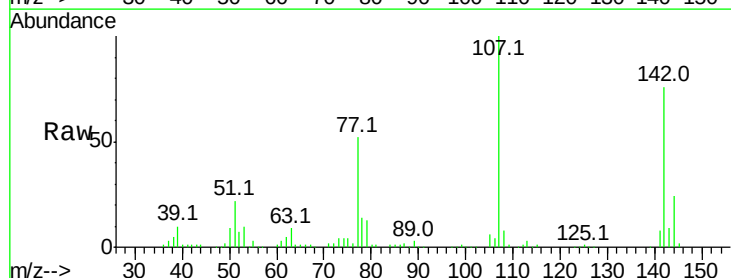
RT: 8.63 min Scan# 568

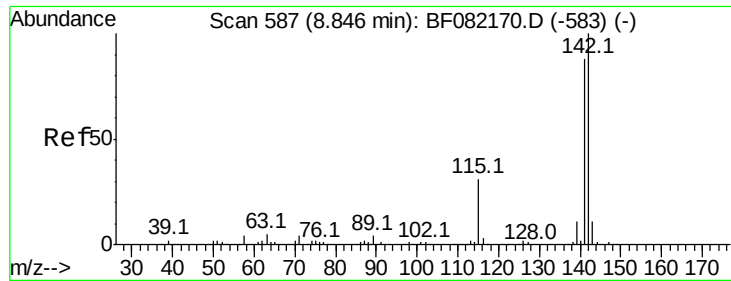
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:107 Resp: 185455
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 75.5 59.9 89.9





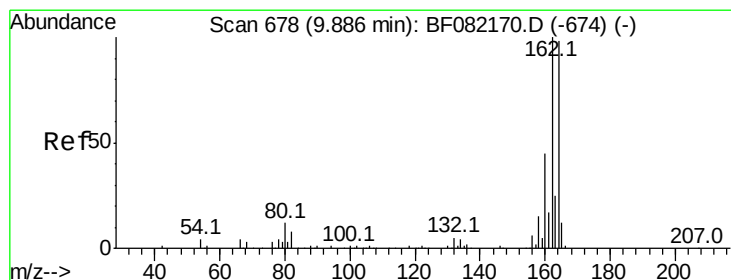
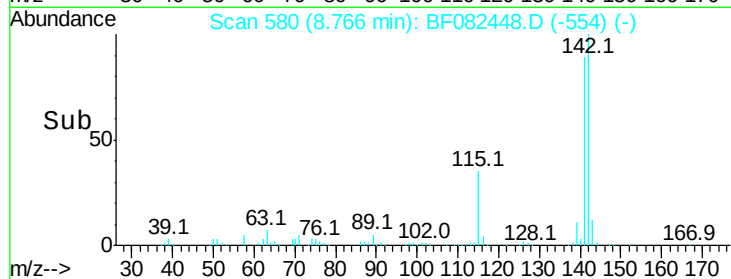
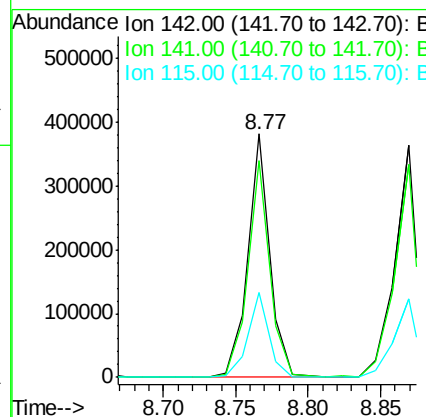
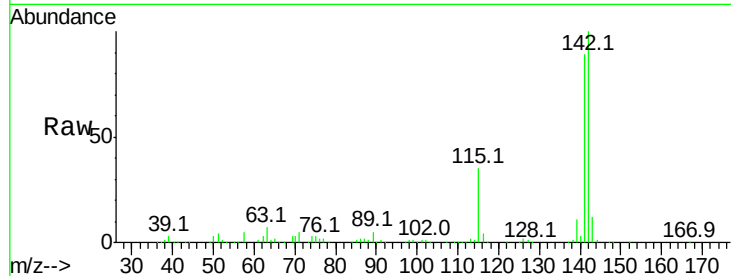
#37
 2-Methylnaphthalene
 Concen: 32.25 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	400334		
141	89.0		70.4	105.6
115	34.6		24.6	37.0

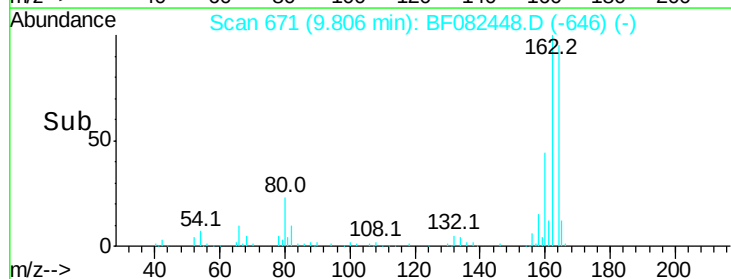
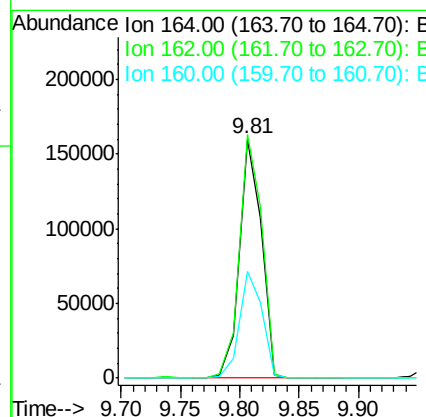
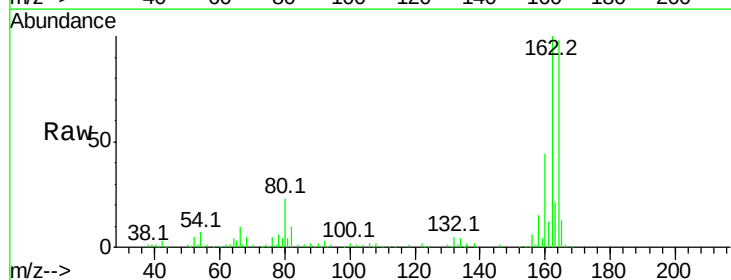
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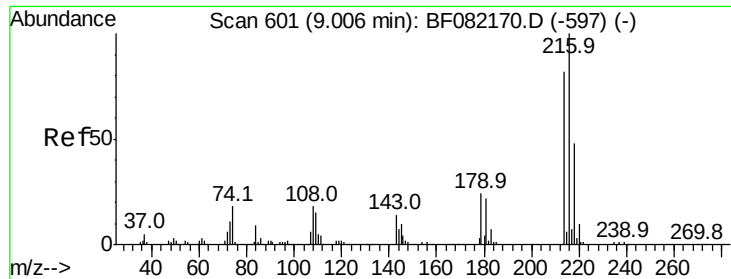
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207350		
162	101.8		81.6	122.4
160	44.5		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.52 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF082448.D

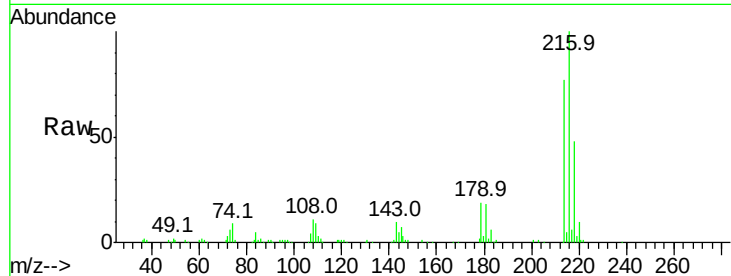
Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

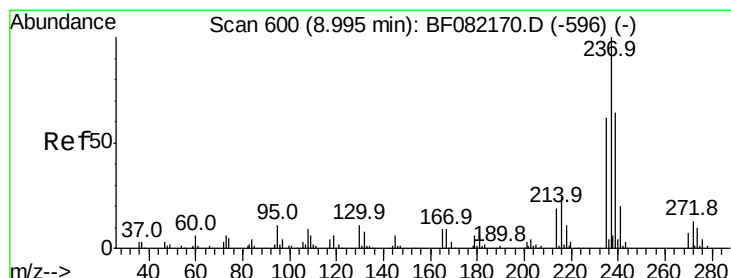
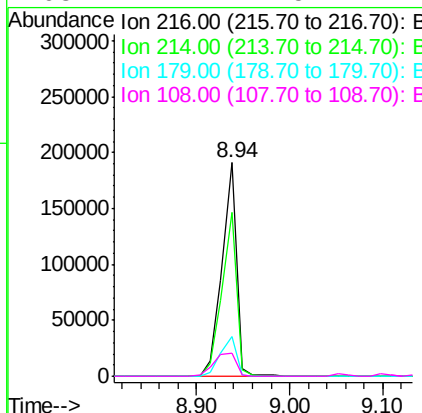
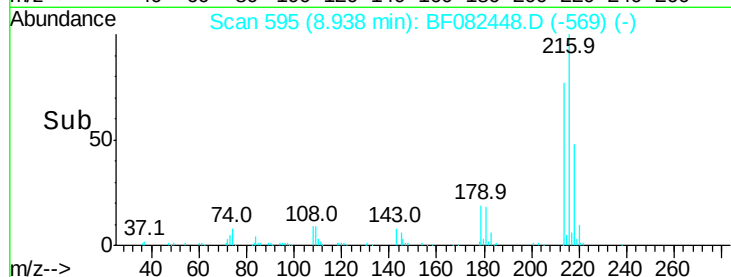
PB86203BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	206758		
214	77.4	64.6	97.0	
179	20.2	17.6	26.4	
108	17.1	14.5	21.7	

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#40

Hexachlorocyclopentadiene

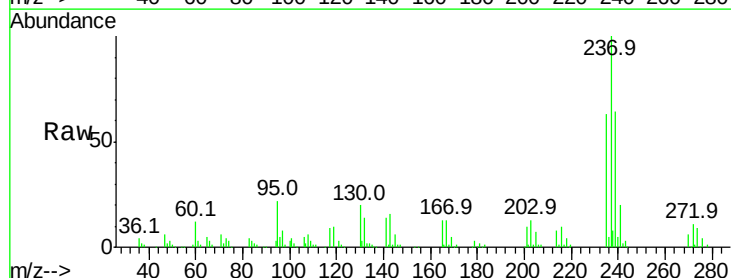
Concen: 47.60 ng

RT: 8.91 min Scan# 593

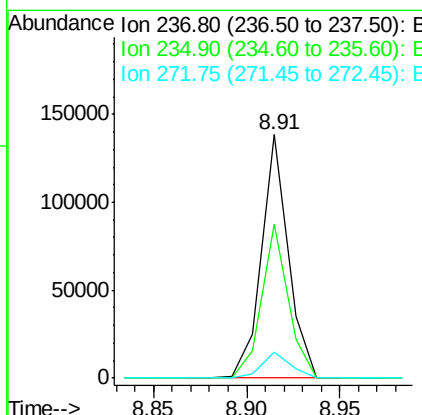
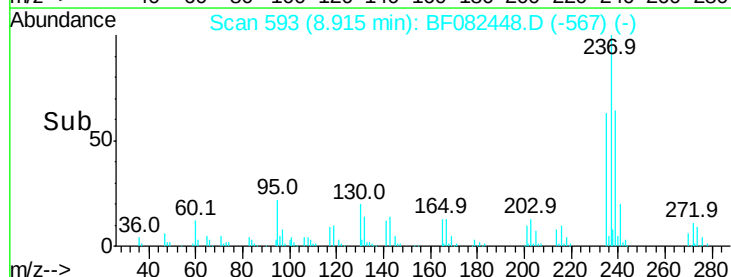
Delta R.T. -0.00 min

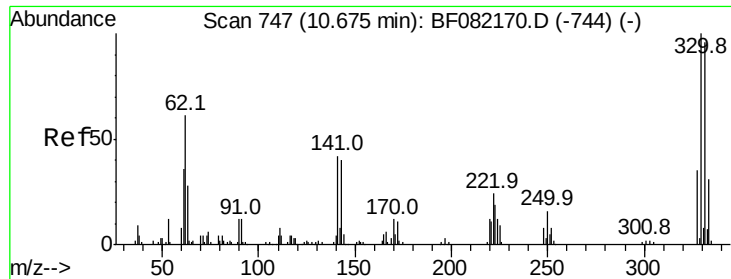
Lab File: BF082448.D

Acq: 22 Oct 2015 16:43



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	136835		
235	63.5	41.7	81.7	
272	10.6	0.0	32.8	





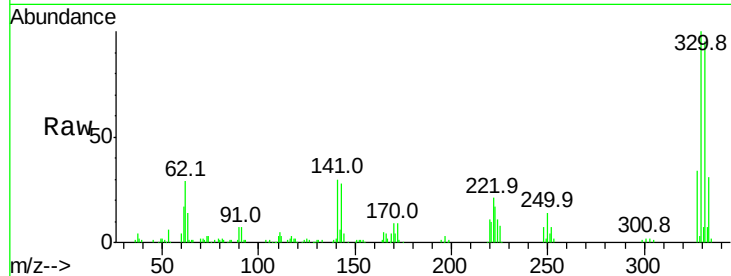
#41
 2,4,6-Tribromophenol
 Concen: 59.96 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

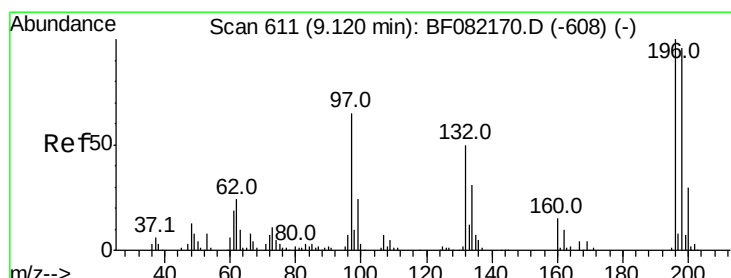
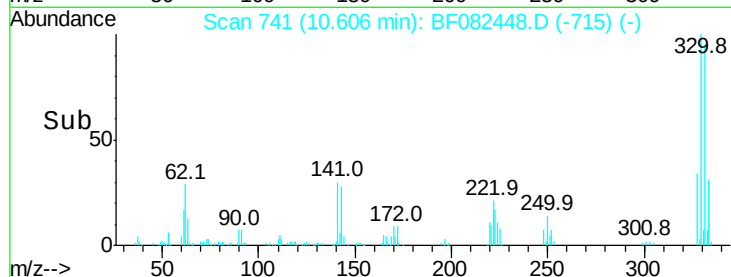
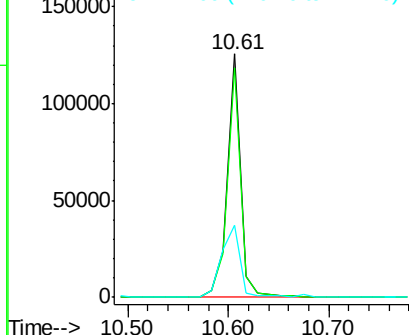
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.1	115.7	
141	40.9	29.8	44.8	

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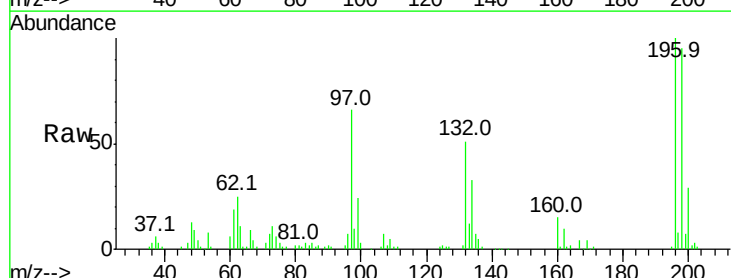


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

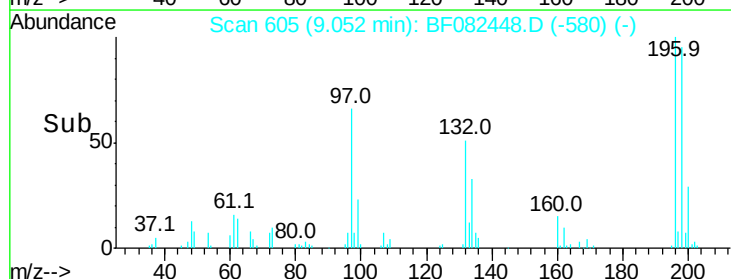
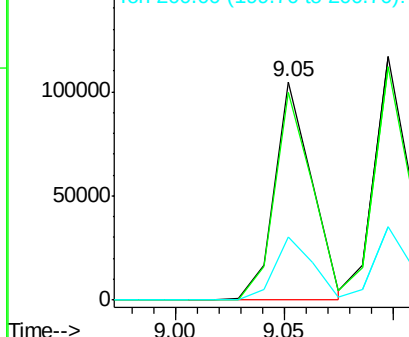


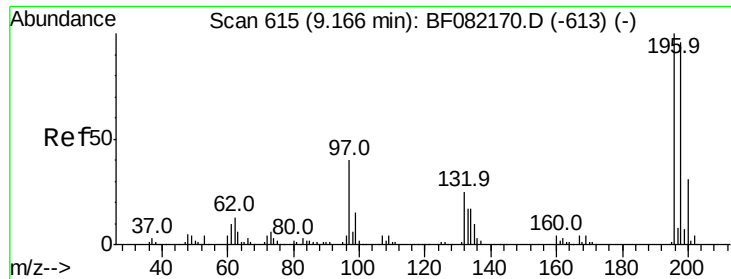
#42
 2,4,6-Trichlorophenol
 Concen: 30.55 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	76.6	115.0	
200	29.0	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





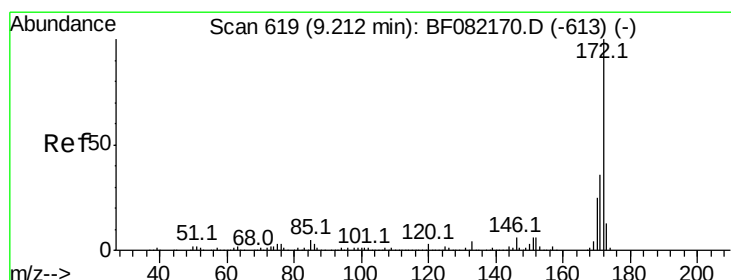
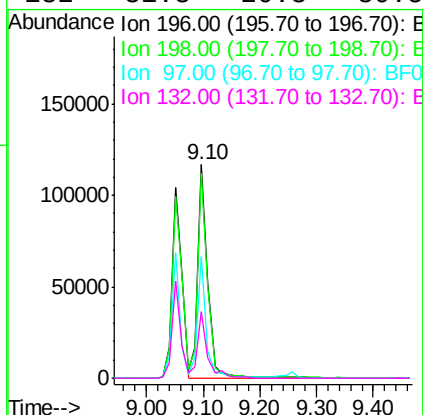
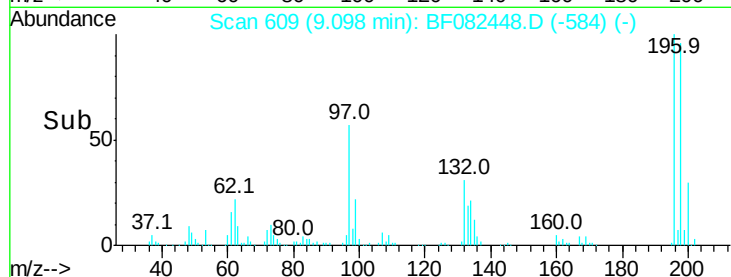
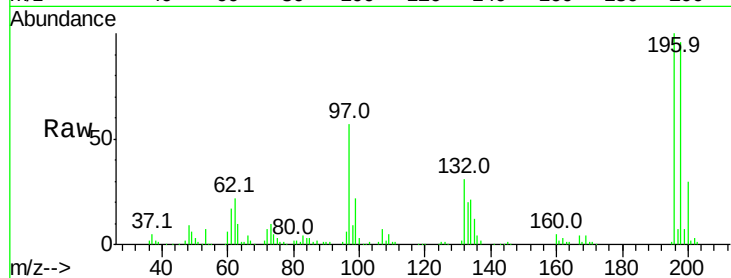
#43
 2,4,5-Trichlorophenol
 Concen: 32.13 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142560		
198	96.1	77.0	115.4	
97	56.8	31.9	47.9#	
132	31.3	20.3	30.5#	

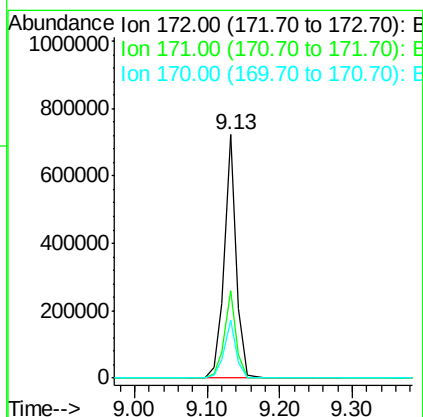
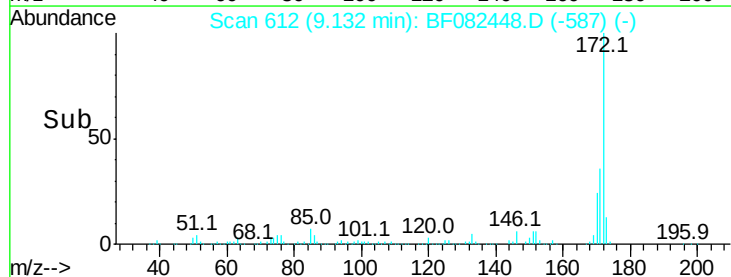
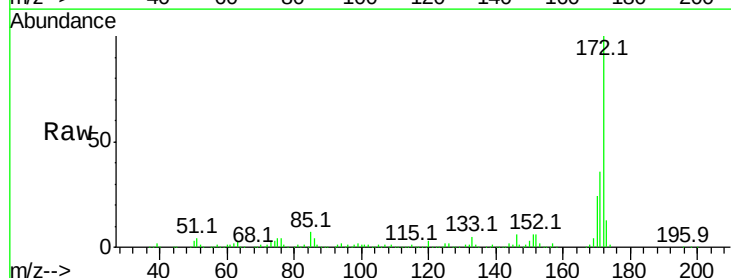
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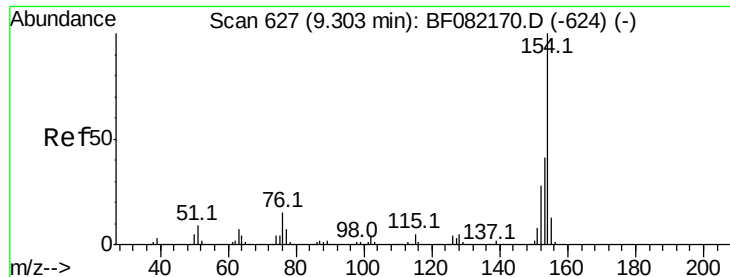
mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 66.06 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	825959		
171	35.9	28.6	42.8	
170	23.9	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 32.57 ng

RT: 9.23 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

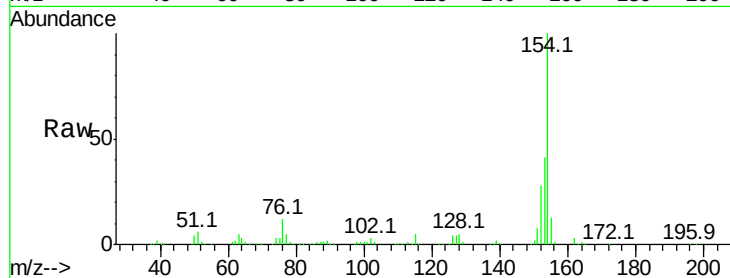
ClientSampleId :

PB86203BS

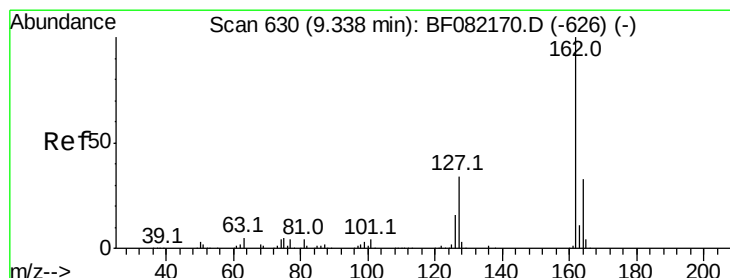
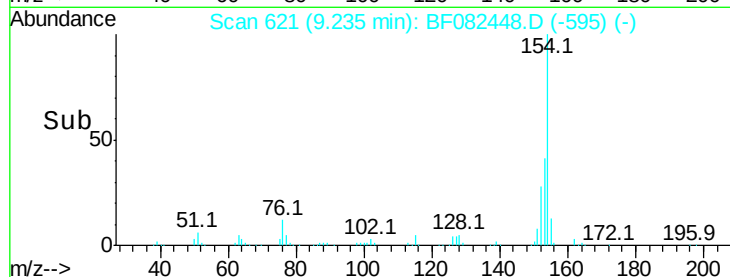
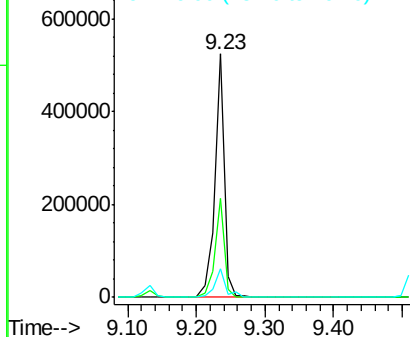
Tot Ion:	154	Resp:	514949
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.6	60.6
76	11.5	0.0	35.2

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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: 31.61 ng

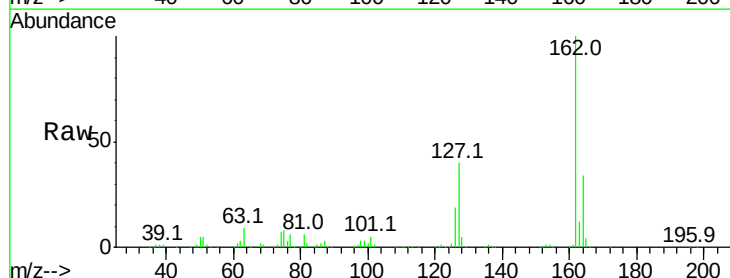
RT: 9.26 min Scan# 623

Delta R.T. -0.00 min

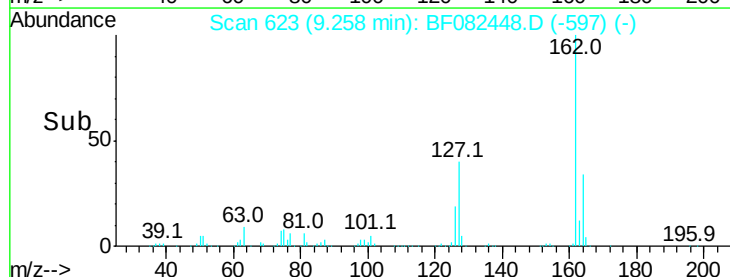
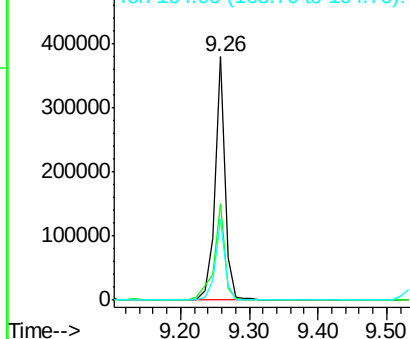
Lab File: BF082448.D

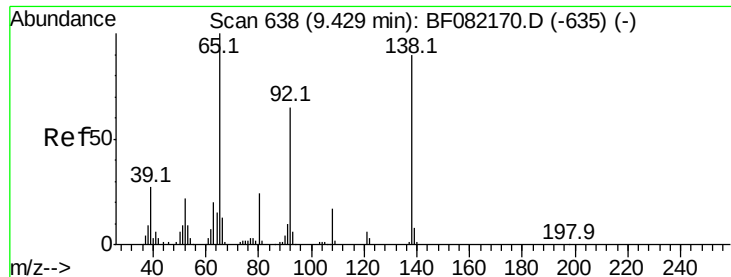
Acq: 22 Oct 2015 16:43

Tgt Ion:	162	Resp:	393418
Ion Ratio	Lower	Upper	
162	100		
127	39.6	27.5	41.3
164	33.5	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: 32.70 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

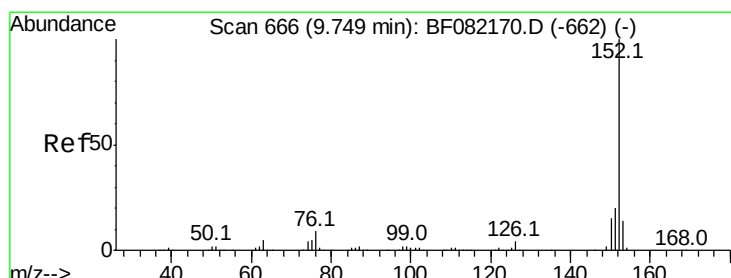
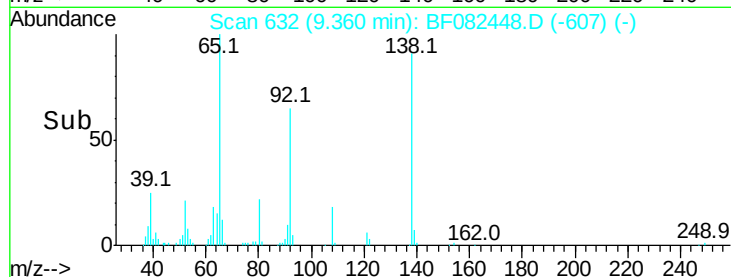
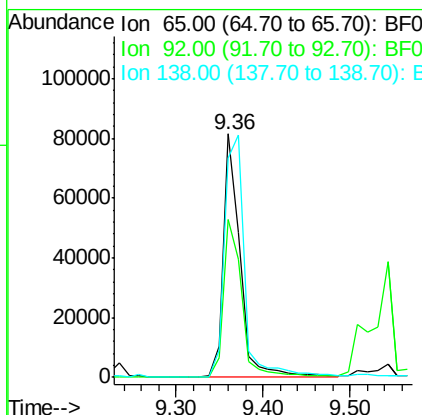
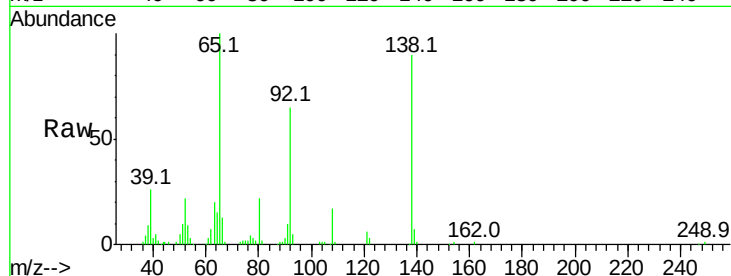
ClientSampleId :

PB86203BS

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Tot Ion	65	Resp	111737
Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.3	78.5
138	90.3	72.2	108.4



#48

Acenaphthylene

Concen: 31.04 ng

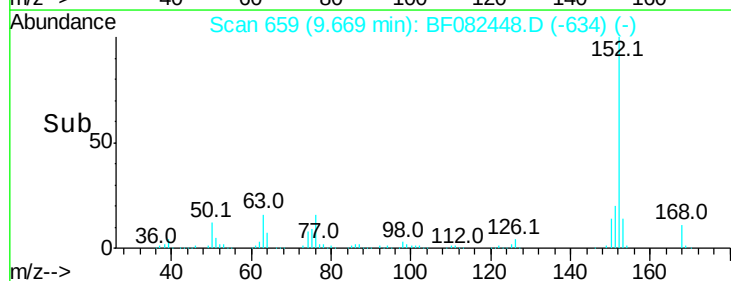
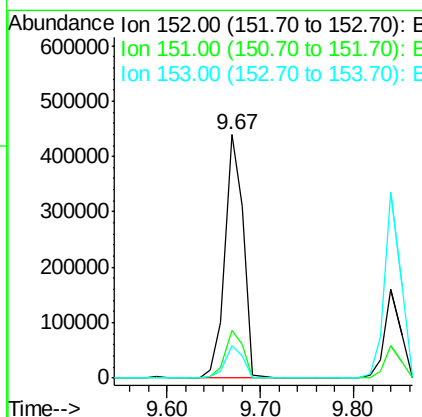
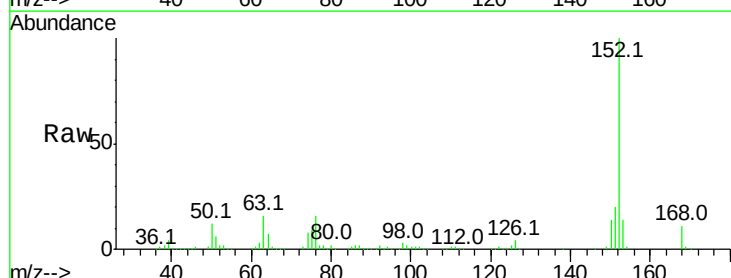
RT: 9.67 min Scan# 659

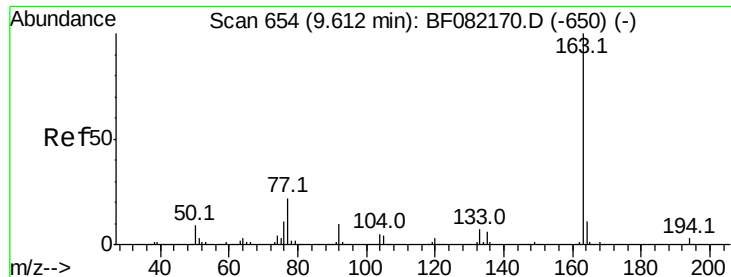
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion	152	Resp	601884
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.6	10.8	16.2





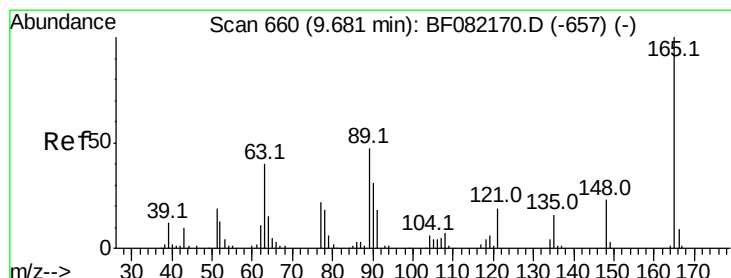
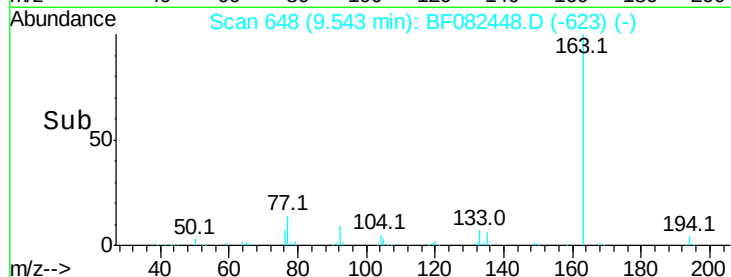
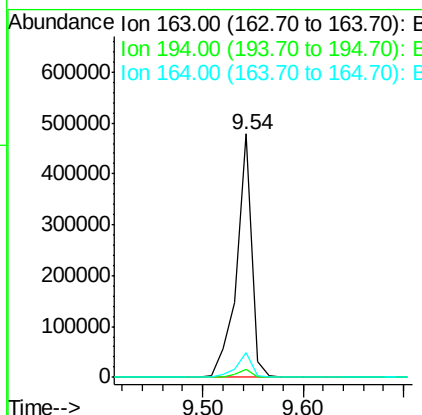
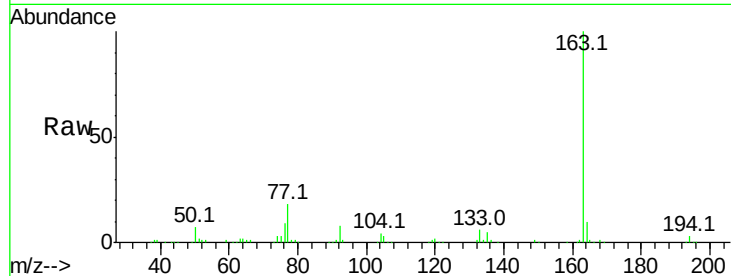
#49
Dimethylphthalate
Concen: 33.80 ng
RT: 9.54 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.2	8.5	12.7	

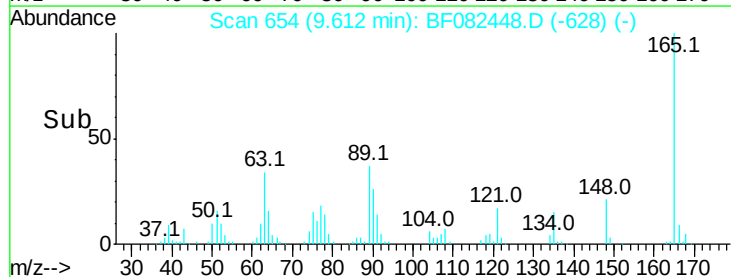
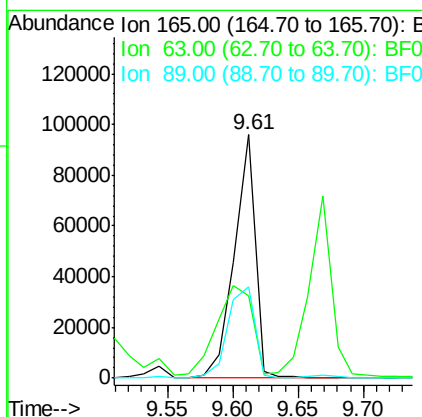
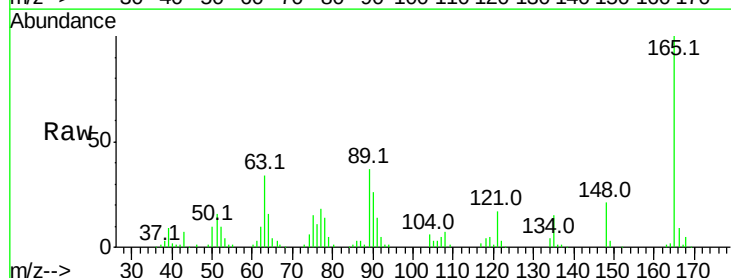
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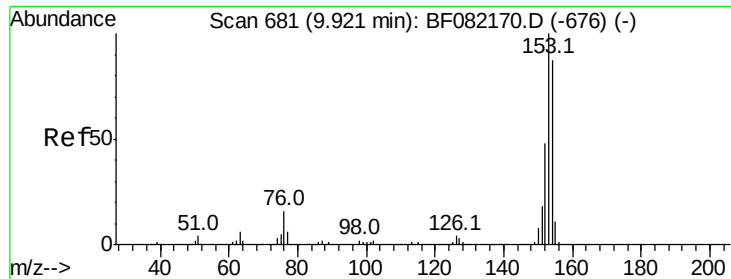
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#50
2,6-Dinitrotoluene
Concen: 34.79 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.9	36.7	55.1#	
89	37.4	37.8	56.6#	





#51

Acenaphthene

Concen: 30.25 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

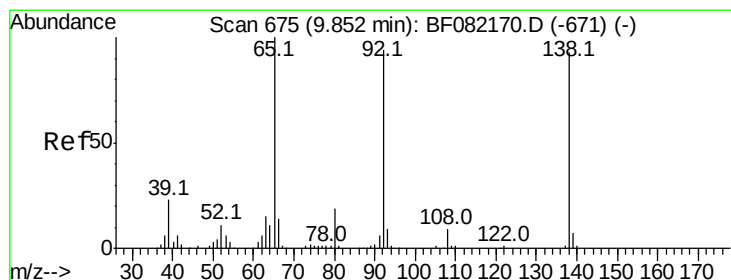
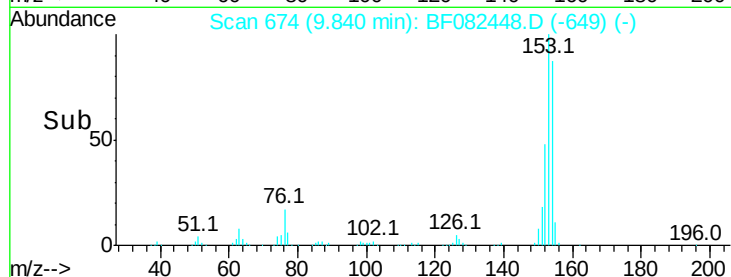
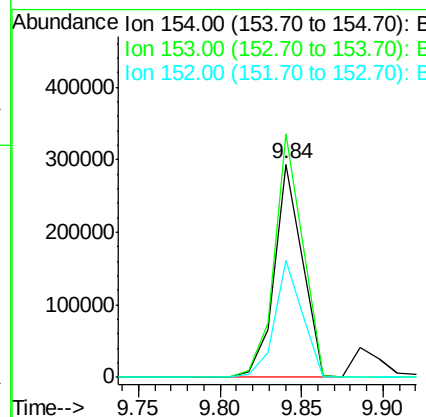
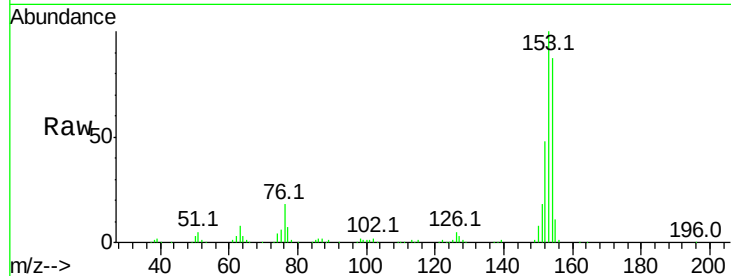
ClientSampleId :

PB86203BS

Tot Ion:	154	Resp:	352082
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.4	137.2
152	54.7	44.3	66.5

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#52

3-Nitroaniline

Concen: 14.39 ng

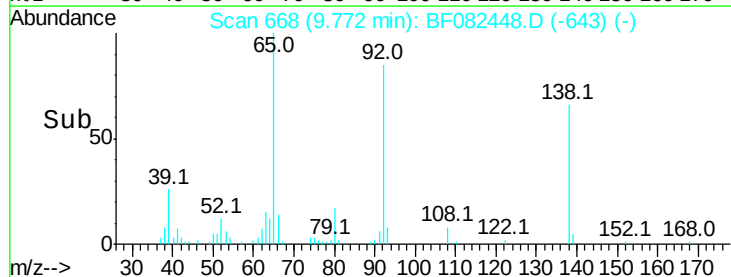
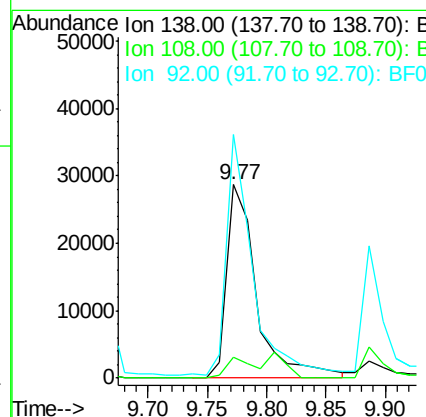
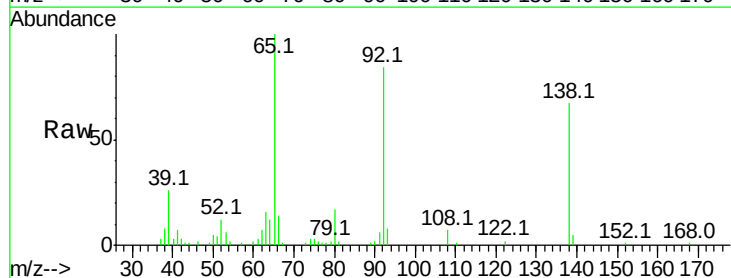
RT: 9.77 min Scan# 668

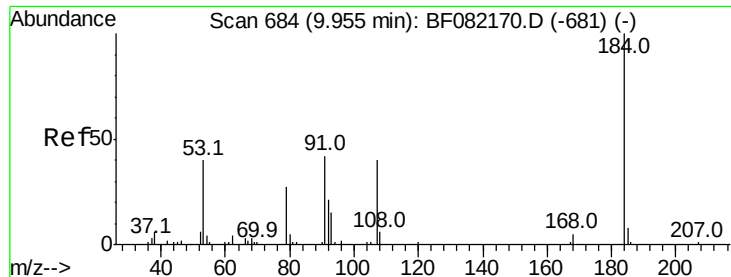
Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	138	Resp:	50070
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.4	11.0#
92	125.9	81.3	121.9#





#53

2,4-Dinitrophenol

Concen: 53.31 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

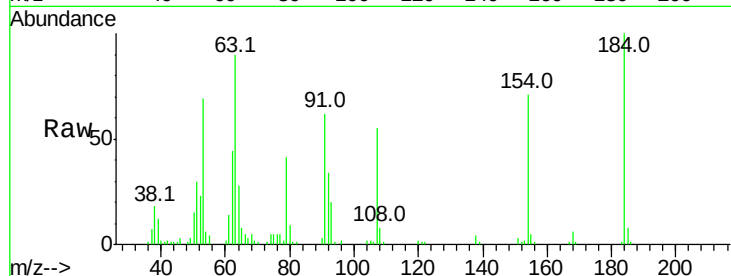
ClientSampleId :

PB86203BS

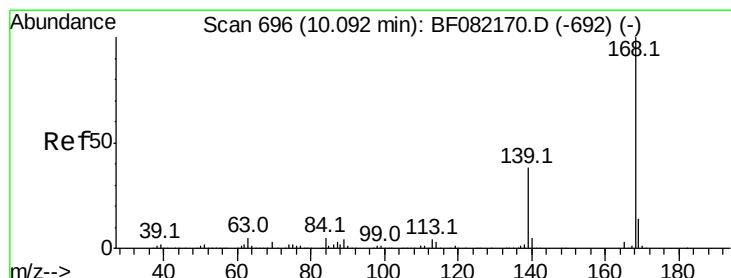
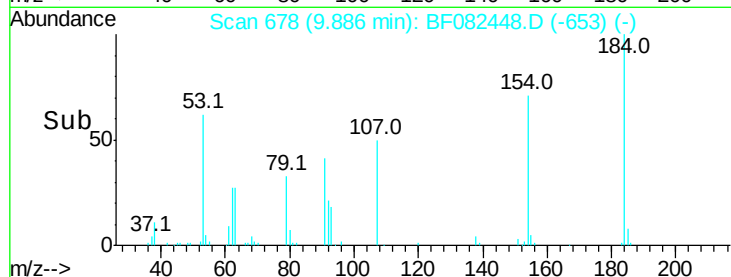
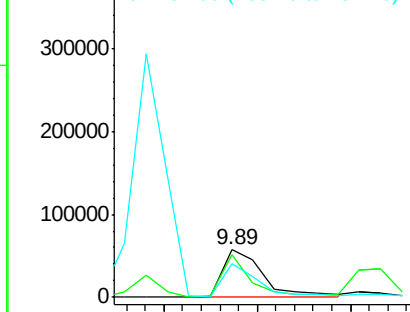
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Tot Ion:	184	Resp:	87792
Ion Ratio	Lower	Upper	
184	100		
63	89.9	45.1	67.7#
154	70.8	51.2	76.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.91 ng

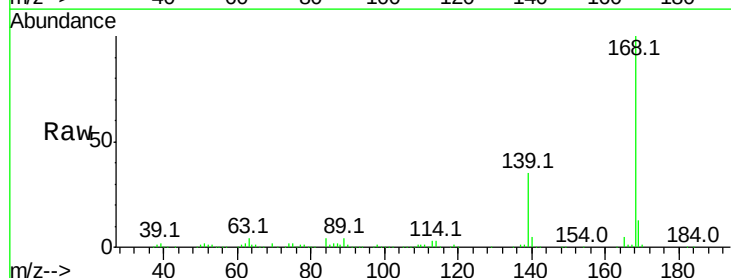
RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

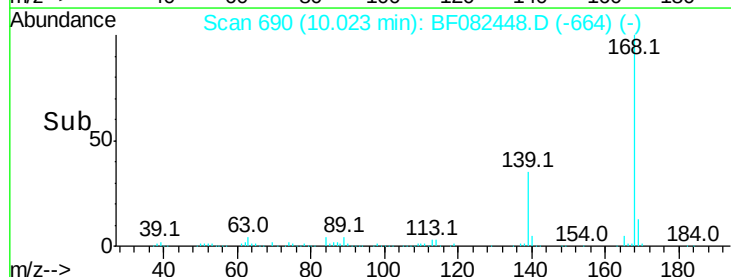
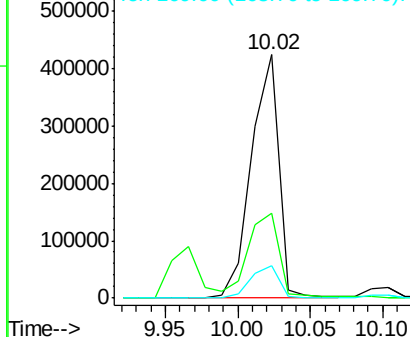
Lab File: BF082448.D

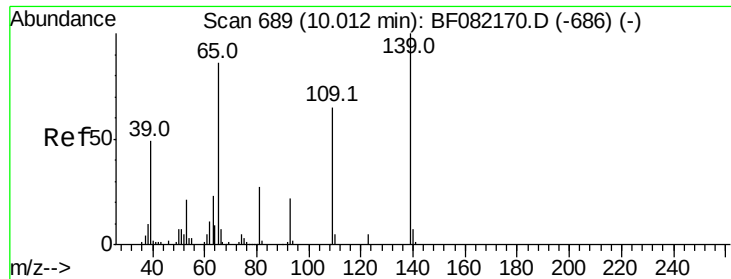
Acq: 22 Oct 2015 16:43

Tgt Ion:	168	Resp:	557854
Ion Ratio	Lower	Upper	
168	100		
139	34.8	31.0	46.6
169	13.2	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





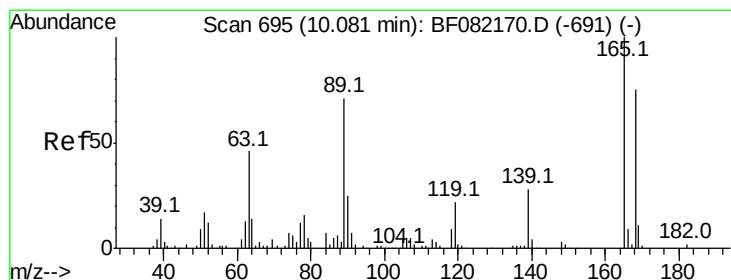
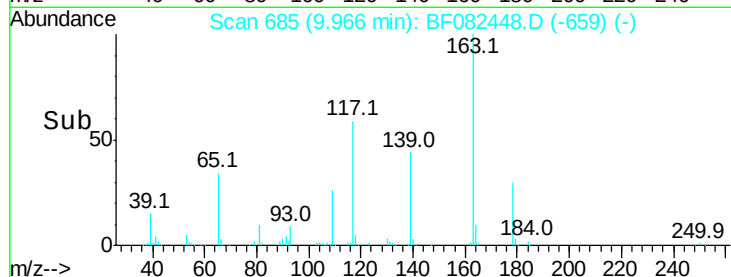
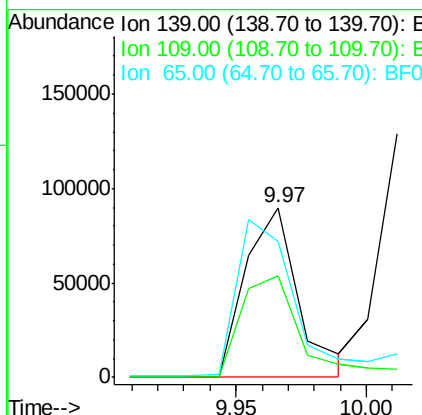
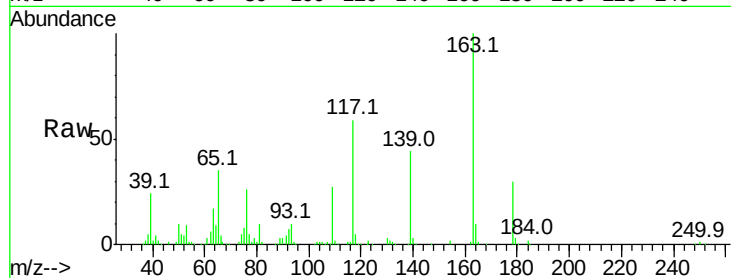
#55
4-Nitrophenol
Concen: 59.23 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.2	44.8	84.8	
65	80.0	67.7	107.7	

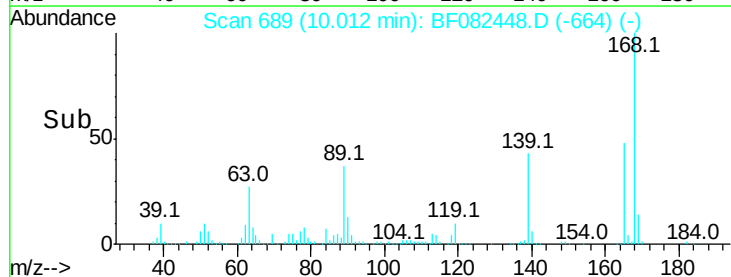
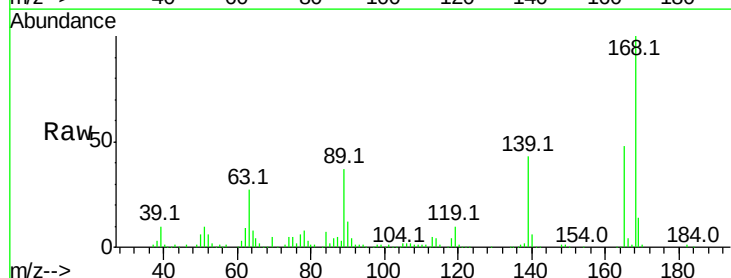
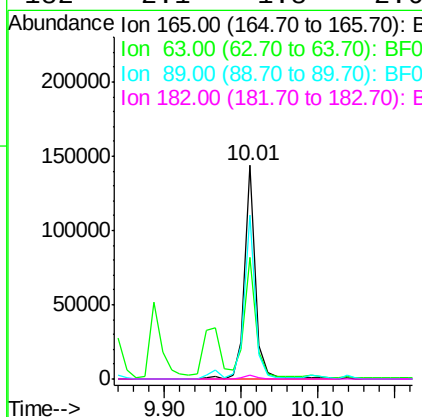
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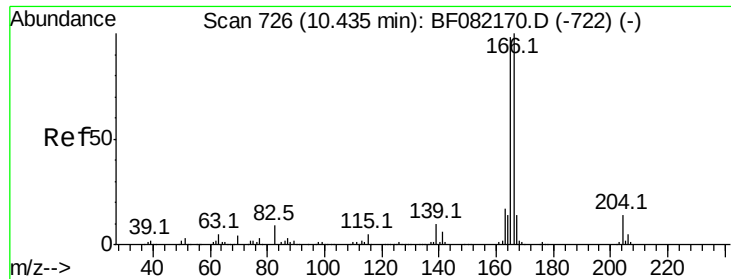
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#56
2,4-Dinitrotoluene
Concen: 36.99 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	38.6	58.0	
89	76.7	57.0	85.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 33.45 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

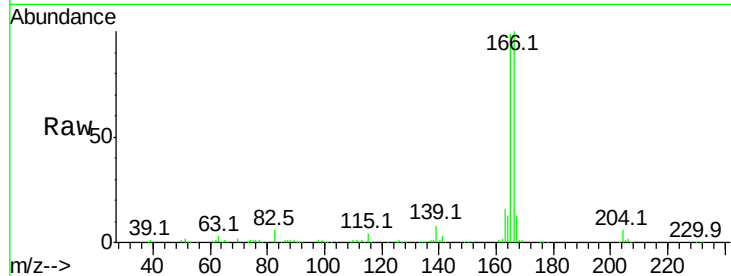
ClientSampleId :

PB86203BS

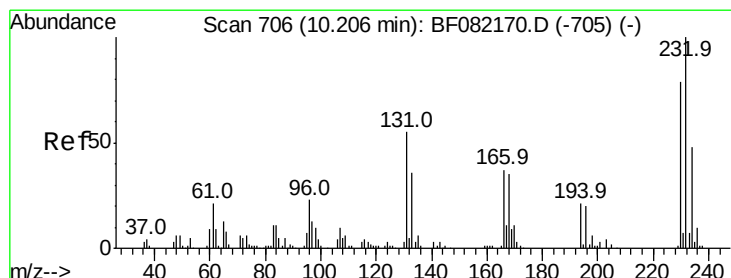
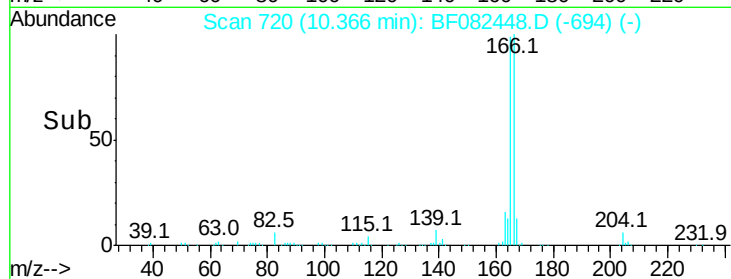
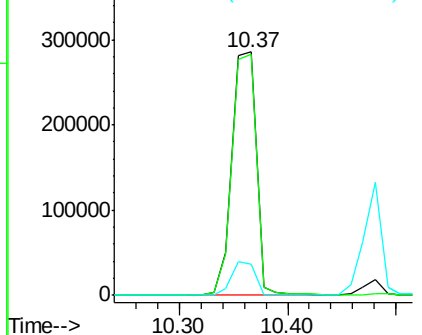
Tot Ion:	166	Resp:	439033
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.3	117.5
167	12.6	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.56 ng

RT: 10.14 min Scan# 700

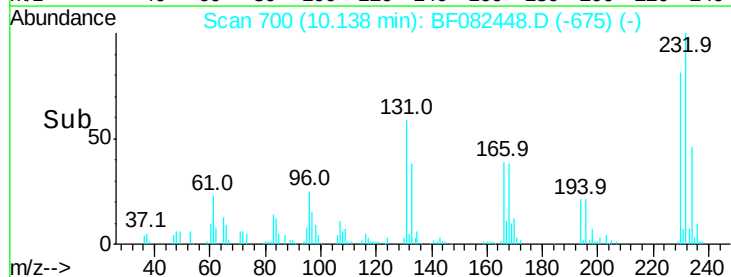
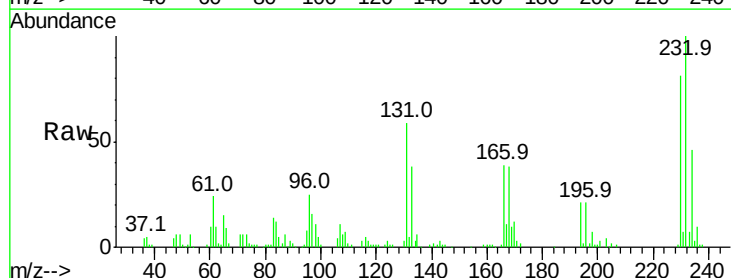
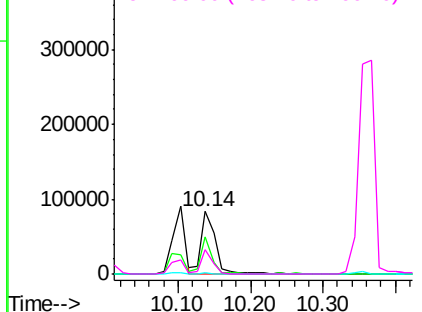
Delta R.T. -0.01 min

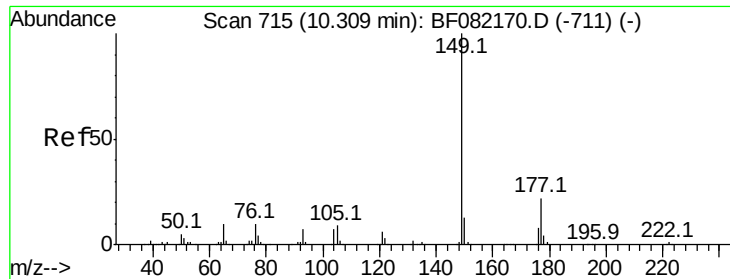
Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	232	Resp:	114413
Ion Ratio	Lower	Upper	
232	100		
131	46.6	36.6	54.8
130	2.1	1.5	2.3
166	30.9	24.6	37.0

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





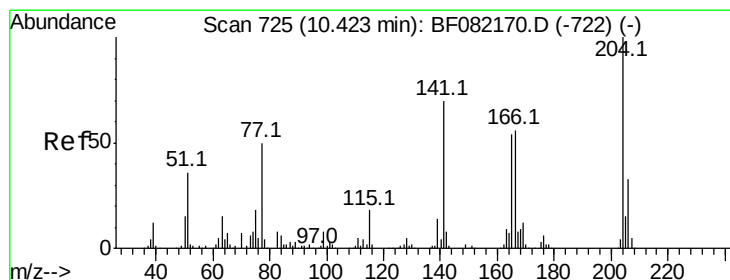
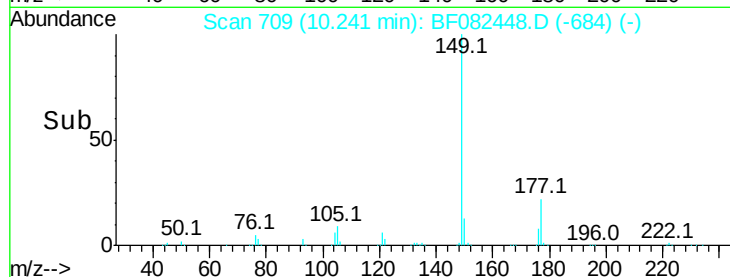
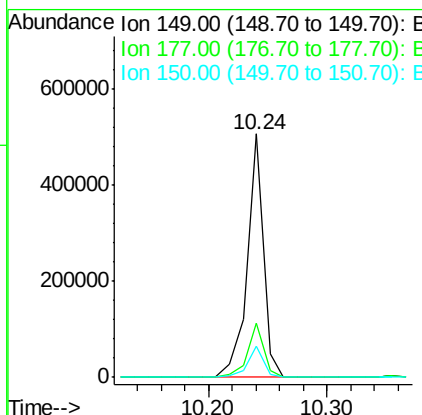
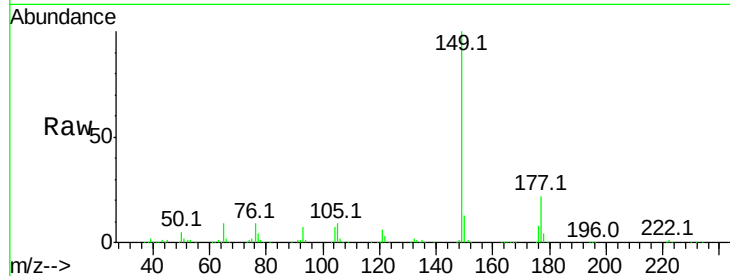
#59
Diethylphthalate
Concen: 35.57 ng
RT: 10.24 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484077		
177	22.3		17.6	26.4
150	12.8		10.3	15.5

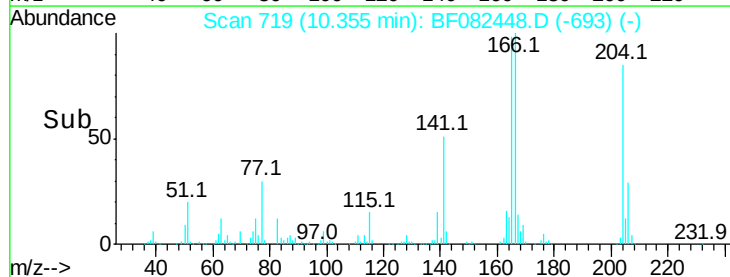
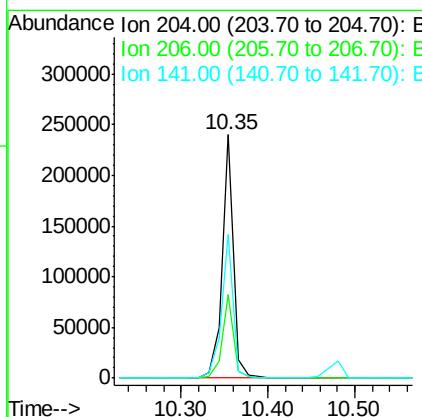
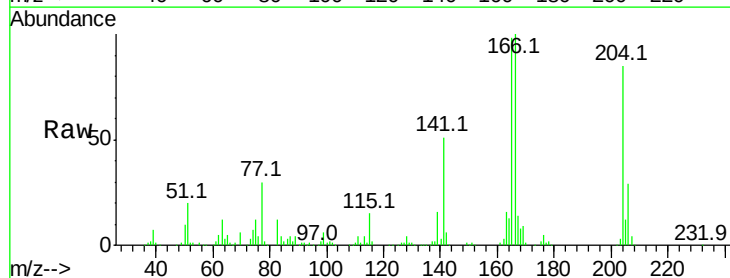
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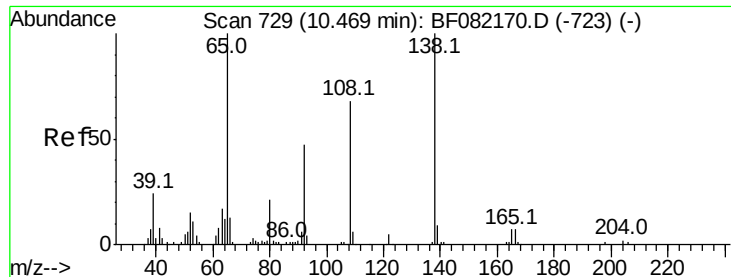
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#60
4-Chlorophenyl-phenylether
Concen: 36.56 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	219846		
206	34.4		26.8	40.2
141	59.2		56.1	84.1





#61

4-Nitroaniline

Concen: 31.72 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

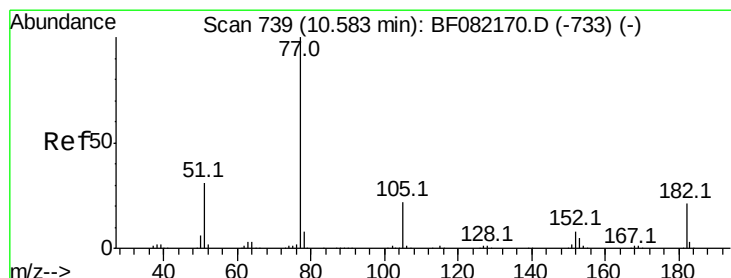
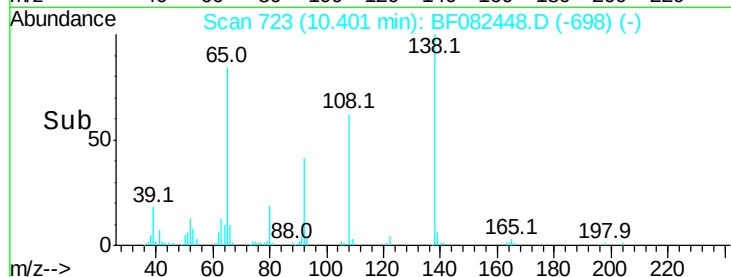
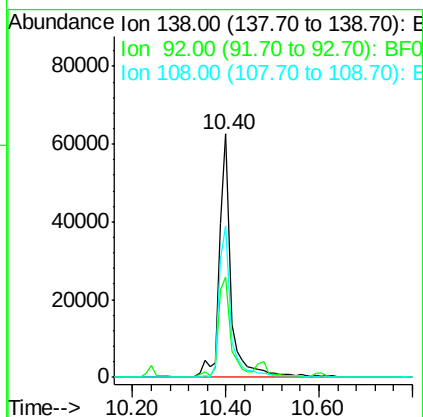
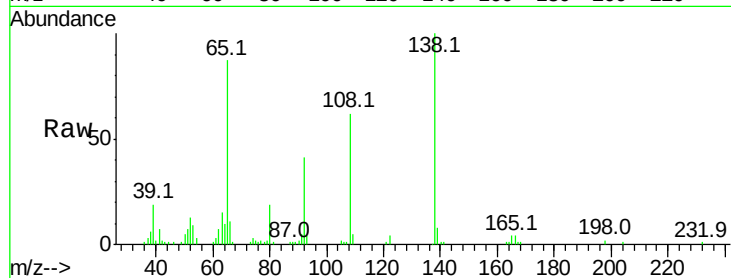
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
92	41.0	26.8	66.8
108	62.4	48.4	88.4

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#62

Azobenzene

Concen: 35.65 ng

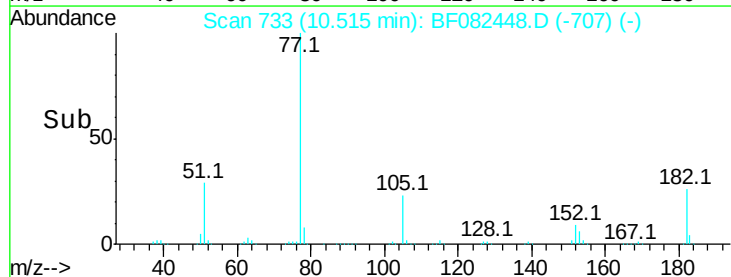
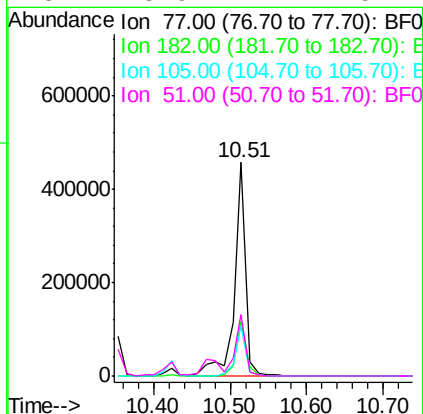
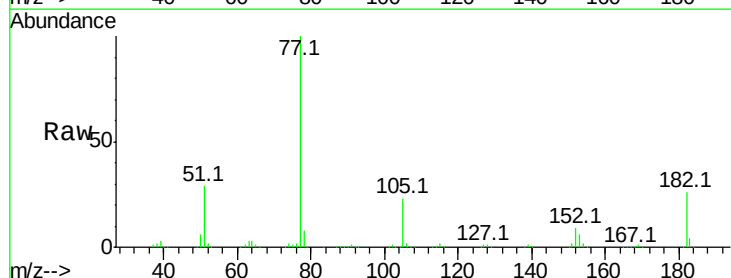
RT: 10.51 min Scan# 733

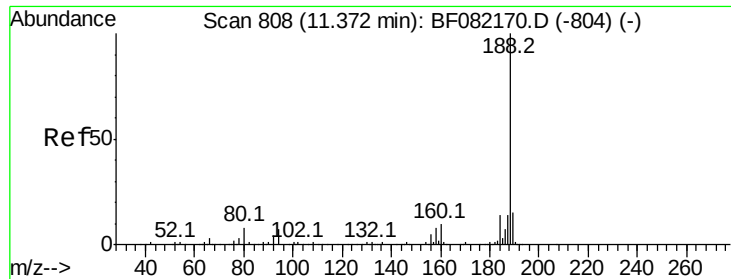
Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.5	40.5
105	23.2	1.8	41.8
51	28.9	11.2	51.2





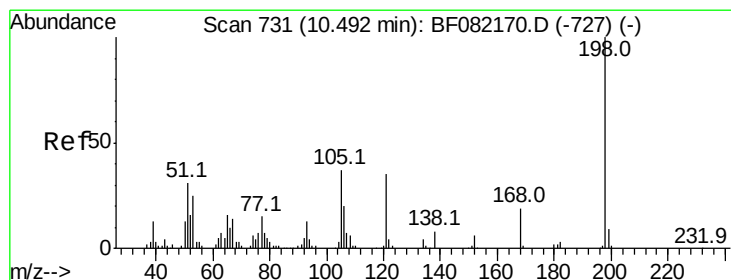
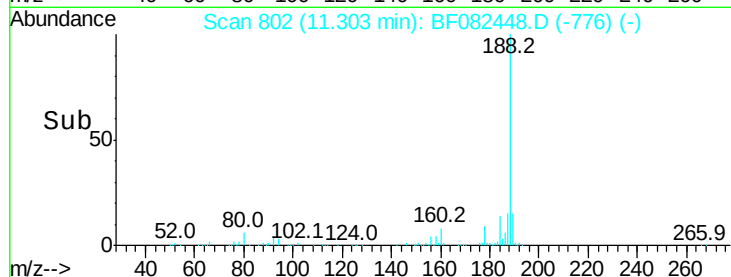
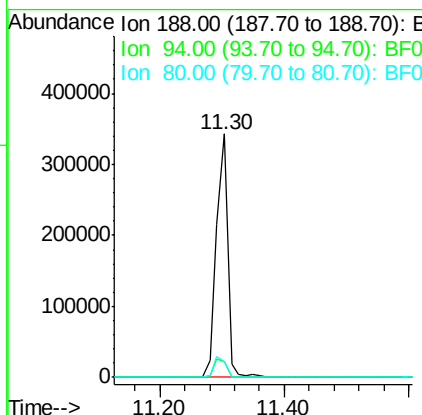
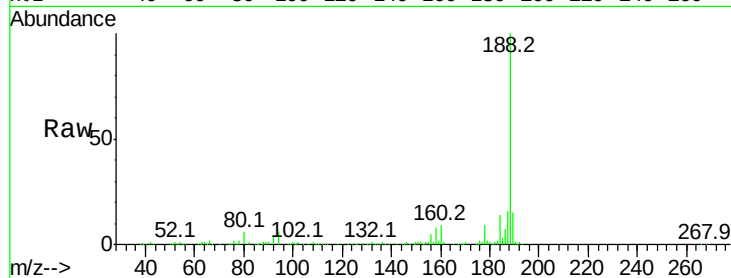
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425734		
94	6.4	5.8	8.6	
80	6.4	6.4	9.6	

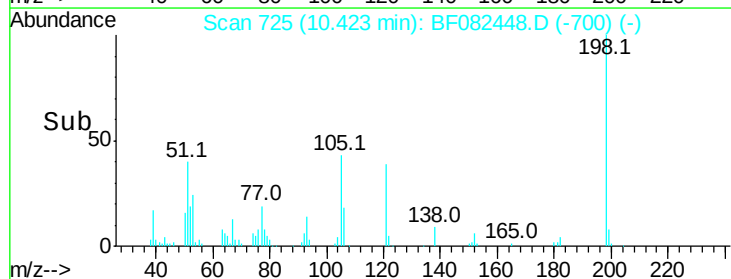
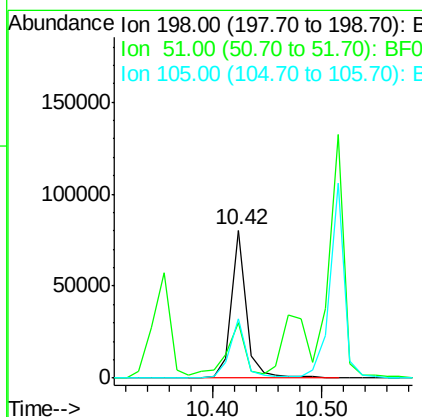
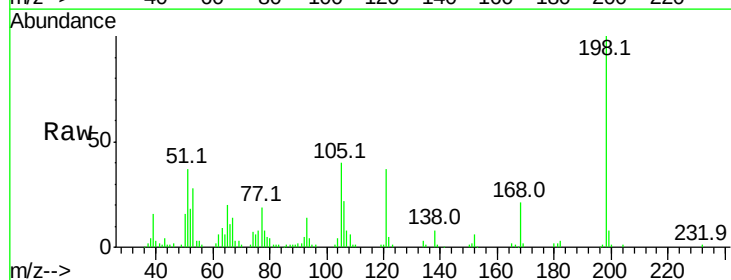
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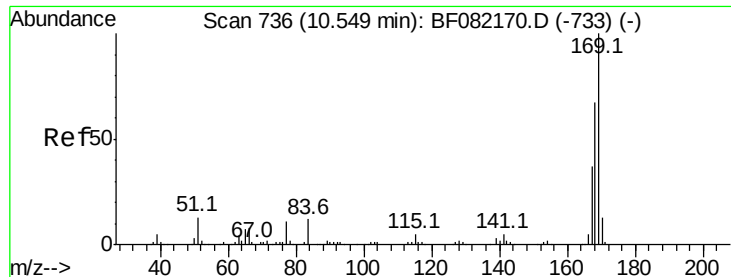
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.08 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	76642		
51	37.2	13.6	53.6	
105	40.1	17.1	57.1	





#65

n-Nitrosodiphenylamine

Concen: 32.37 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

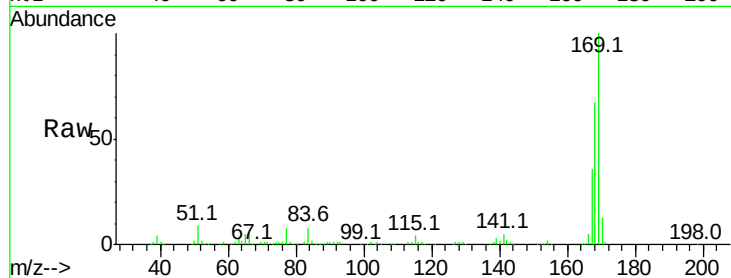
ClientSampleId :

PB86203BS

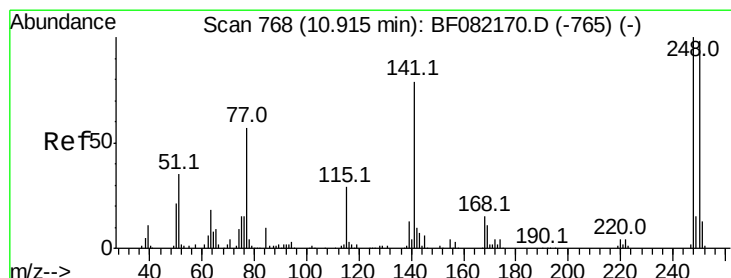
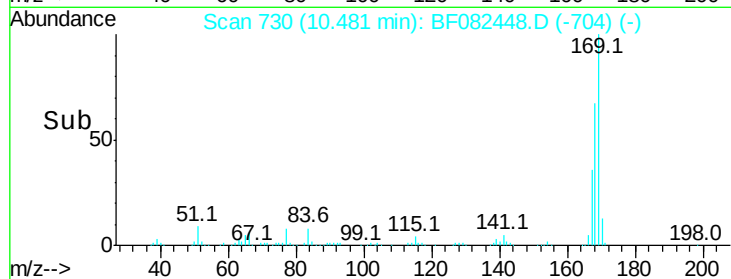
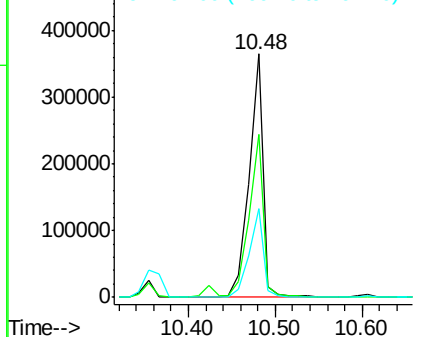
Tot Ion:	169	Resp:	412555
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.0	81.0
167	36.5	29.6	44.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 30.95 ng

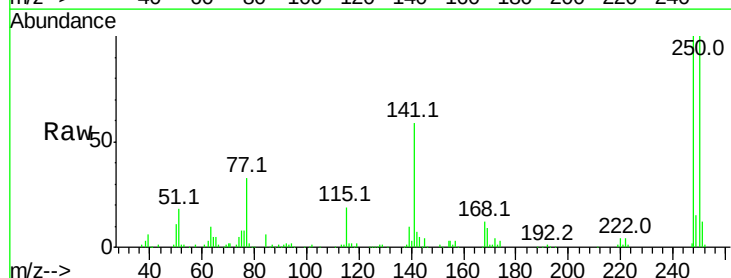
RT: 10.85 min Scan# 762

Delta R.T. -0.00 min

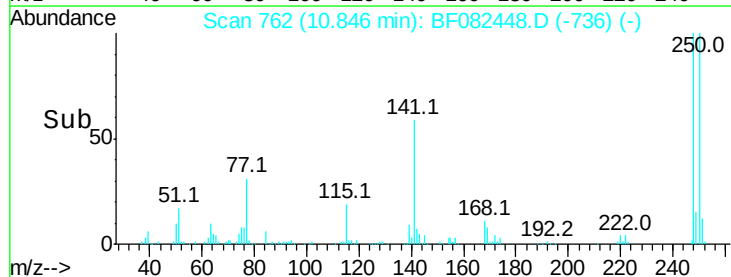
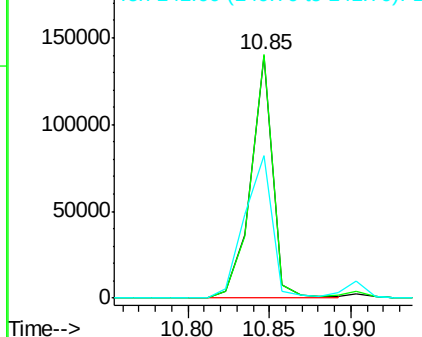
Lab File: BF082448.D

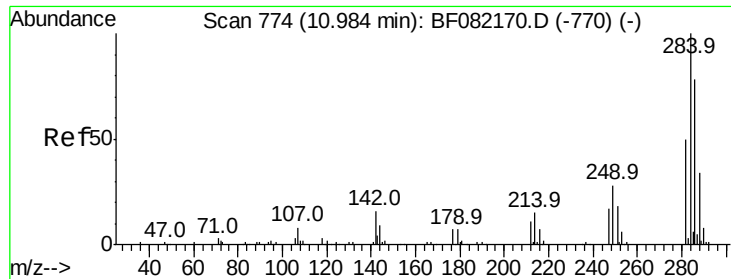
Acq: 22 Oct 2015 16:43

Tgt Ion:	248	Resp:	131872
Ion Ratio	Lower	Upper	
248	100		
250	100.4	78.6	117.8
141	59.0	63.3	94.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.20 ng

RT: 10.90 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

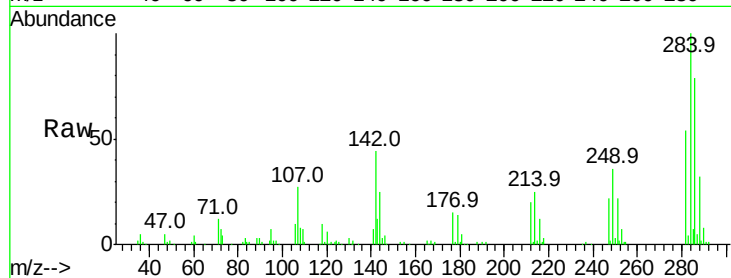
ClientSampleId :

PB86203BS

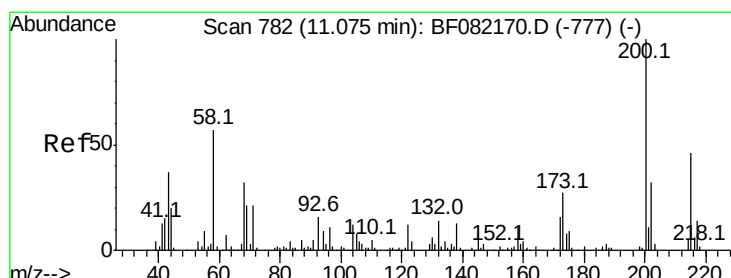
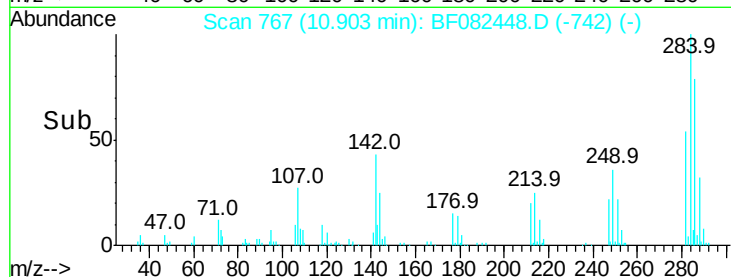
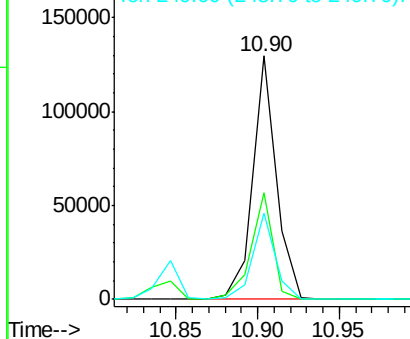
Tot Ion	Ratio	Resp	Lower	Upper
284	100	129930		
142	43.7	13.0	19.6#	
249	35.5	22.5	33.7#	

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



#68

Atrazine

Concen: 31.42 ng

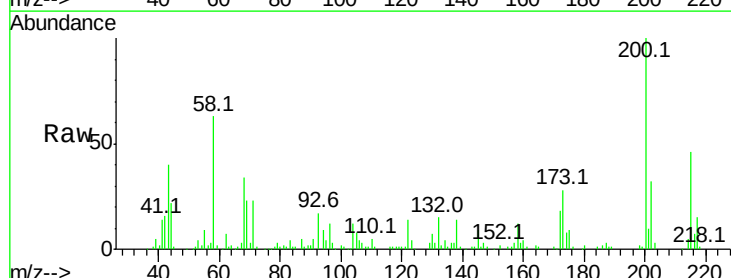
RT: 11.01 min Scan# 776

Delta R.T. -0.01 min

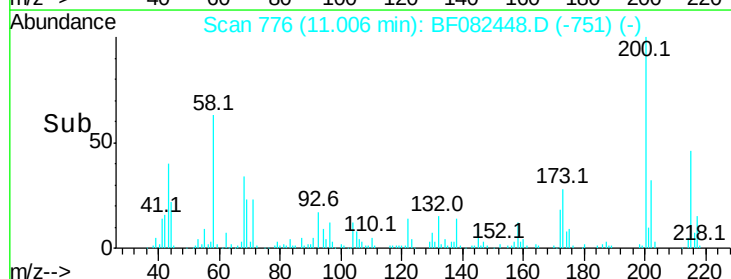
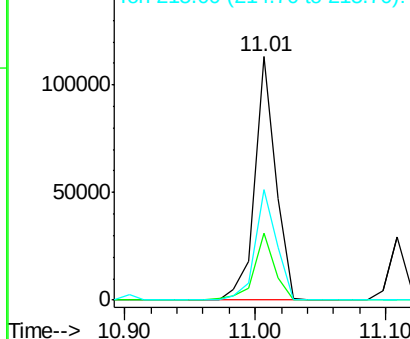
Lab File: BF082448.D

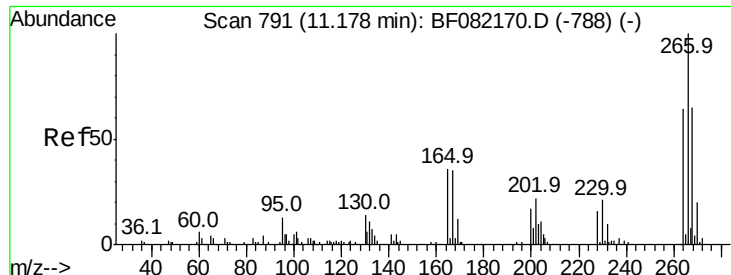
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	126881		
173	27.7	7.3	47.3	
215	45.5	26.2	66.2	



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





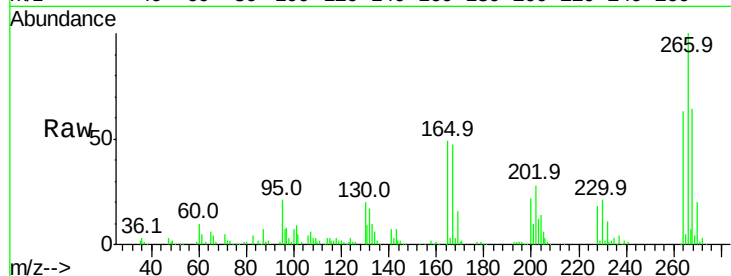
#69
 Pentachlorophenol
 Concen: 58.53 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

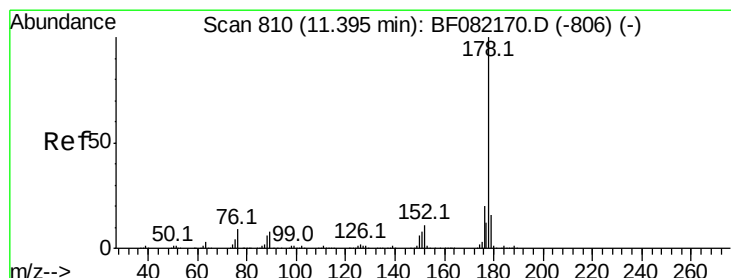
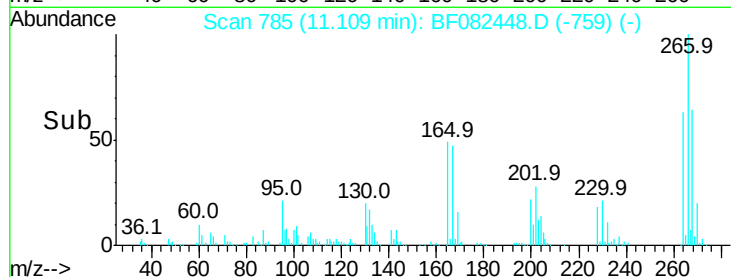
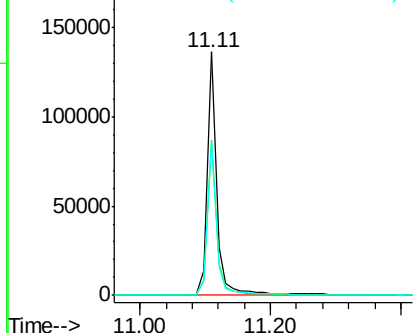
Tot Ion	Ratio	Resp	Lower	Upper
266	100	138781		
268	63.8	52.0	78.0	
264	63.2	51.4	77.0	

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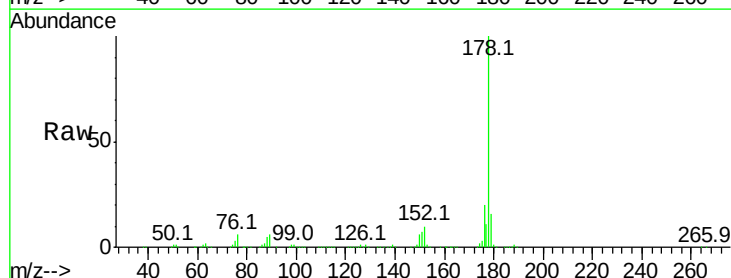


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

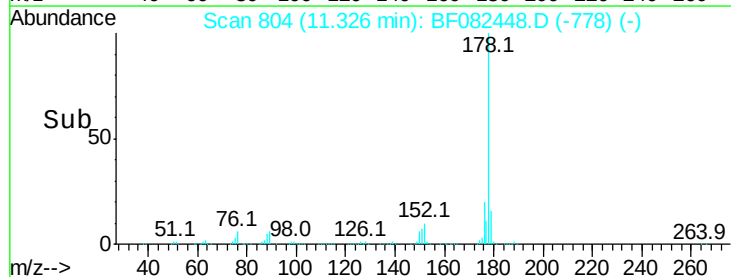
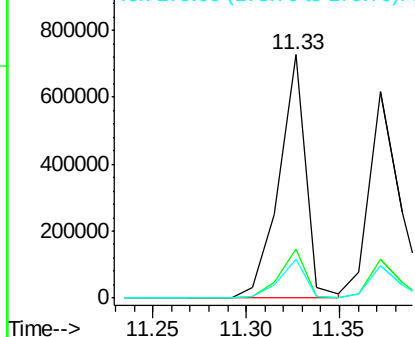


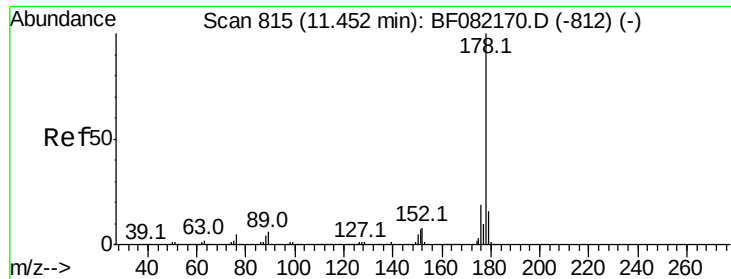
#70
 Phenanthrene
 Concen: 34.67 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	723457		
176	20.0	16.0	24.0	
179	15.7	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.05 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

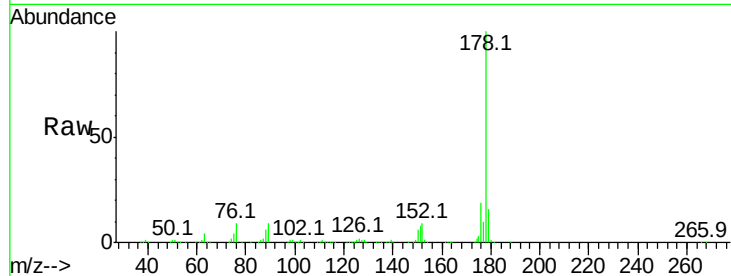
ClientSampleId :

PB86203BS

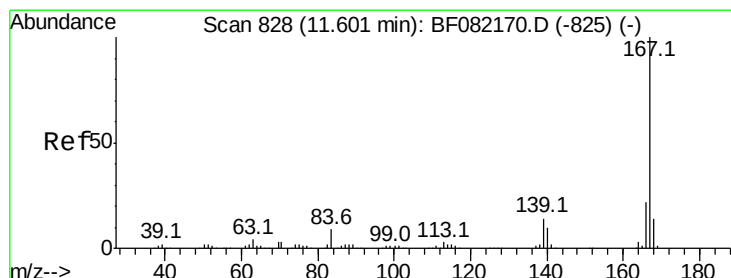
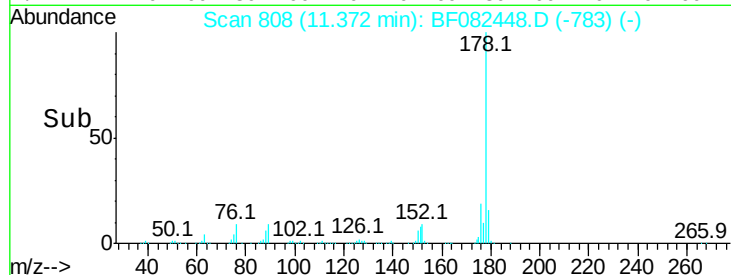
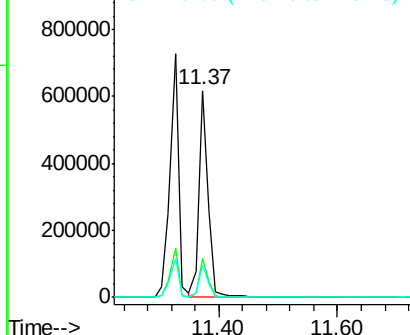
Tot Ion:	178	Resp:	689164
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.0
179	15.7	12.5	18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.83 ng

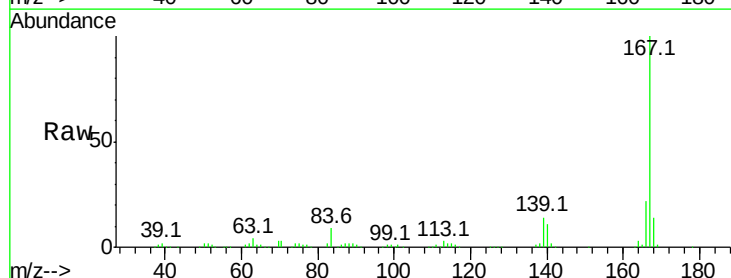
RT: 11.53 min Scan# 822

Delta R.T. -0.01 min

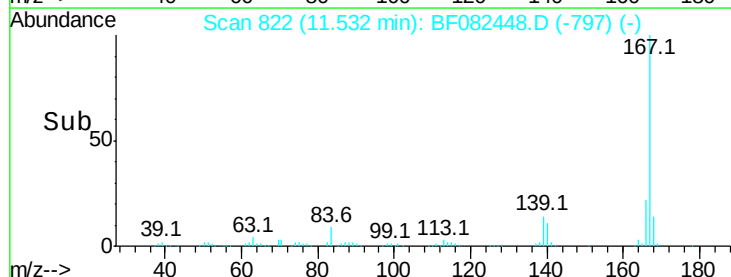
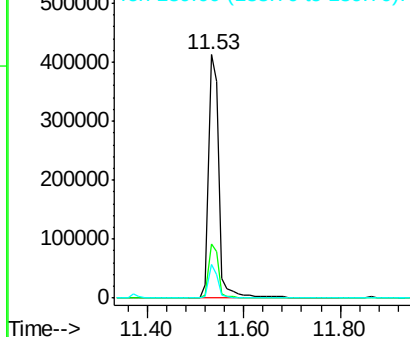
Lab File: BF082448.D

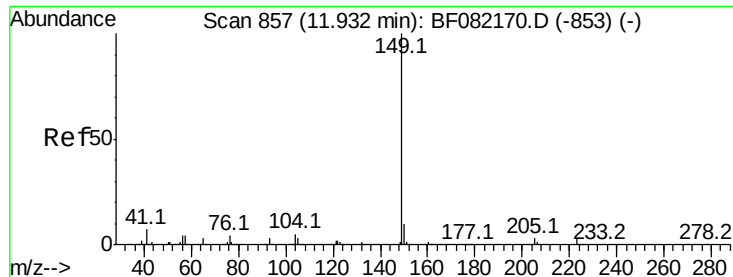
Acq: 22 Oct 2015 16:43

Tgt Ion:	167	Resp:	624314
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.3	25.9
139	13.9	11.2	16.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.14 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

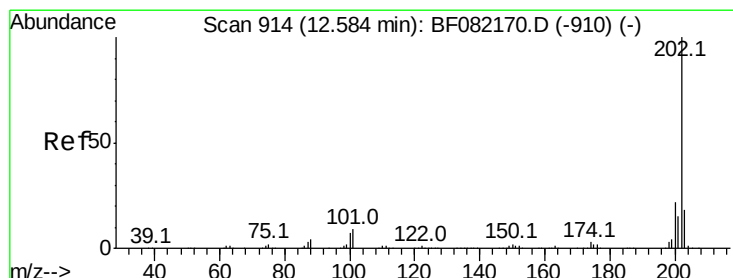
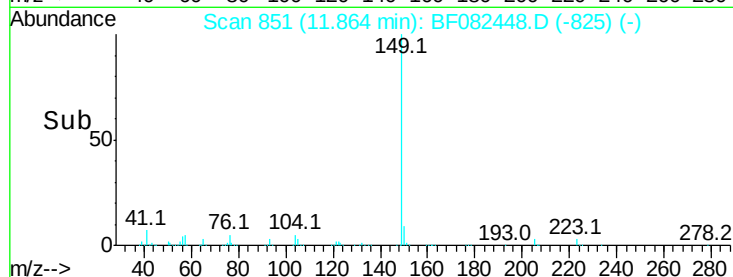
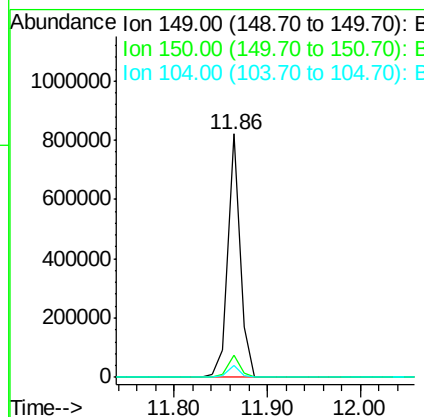
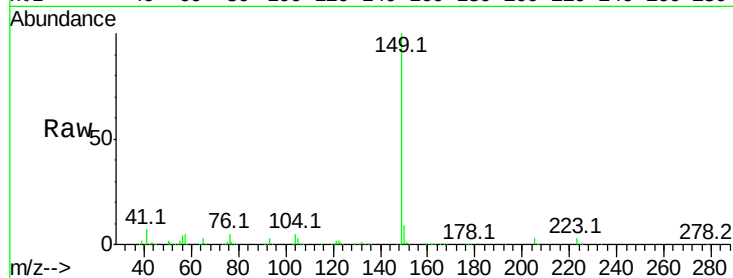
ClientSampleId :

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Tot Ion:	149	Resp:	753609
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8



#74

Fluoranthene

Concen: 32.52 ng

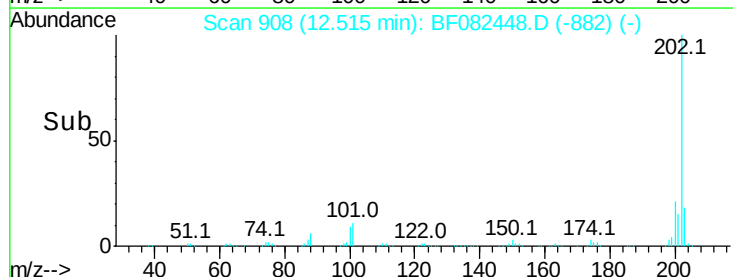
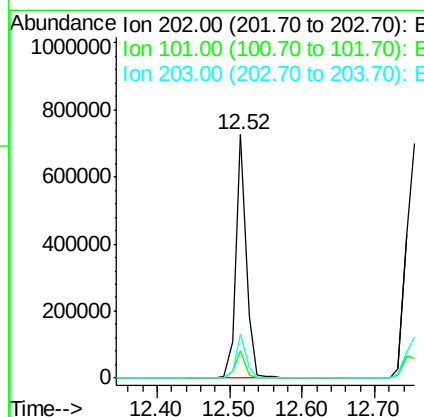
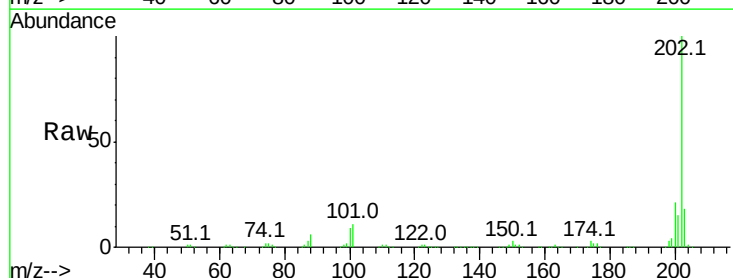
RT: 12.52 min Scan# 908

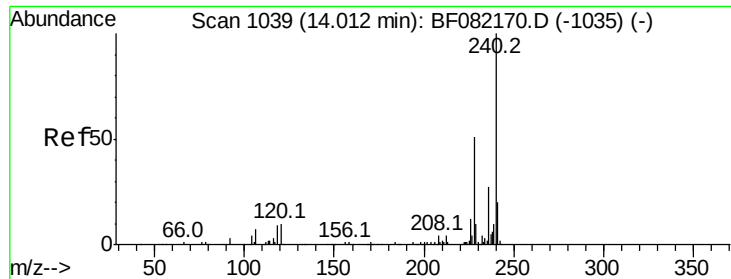
Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	202	Resp:	728930
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.3
203	18.0	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.03 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

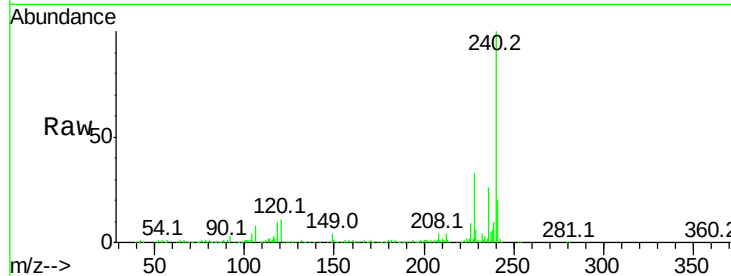
ClientSampleId :

PB86203BS

Tot Ion:	240	Resp:	394925
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.1	12.1
236	26.0	21.3	31.9

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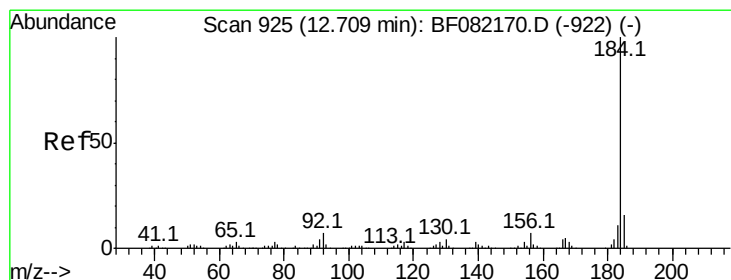
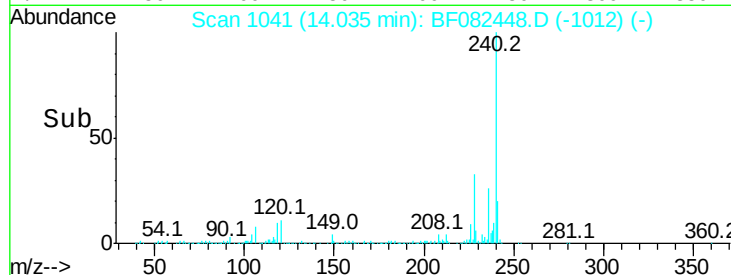
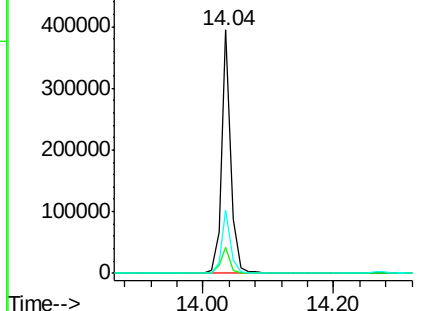
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.08 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082448.D

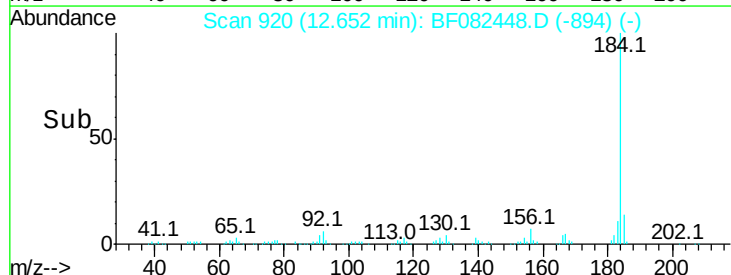
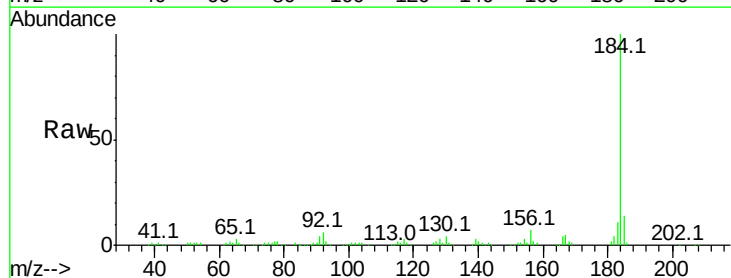
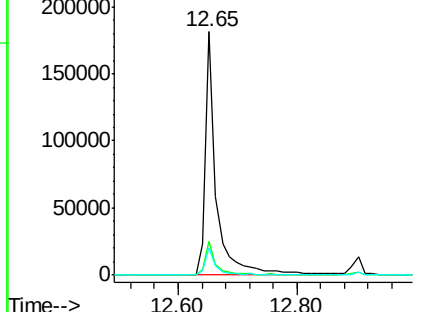
Acq: 22 Oct 2015 16:43

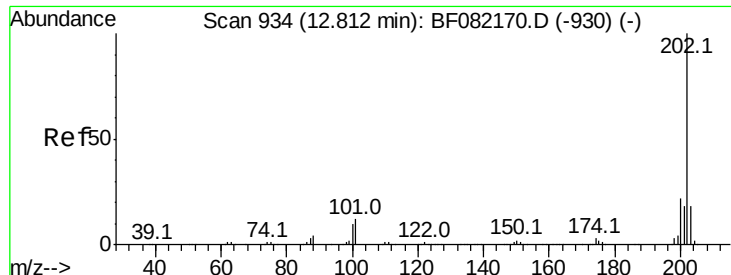
Tgt Ion:	184	Resp:	241213
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.5	18.7
183	11.4	9.1	13.7

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





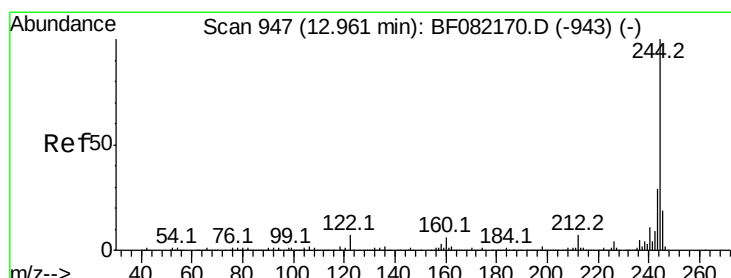
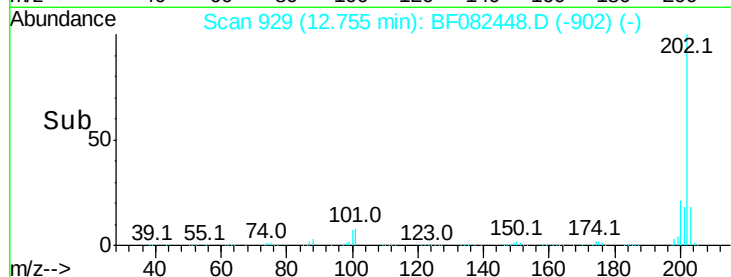
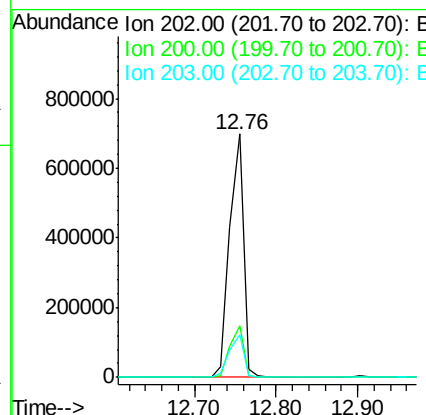
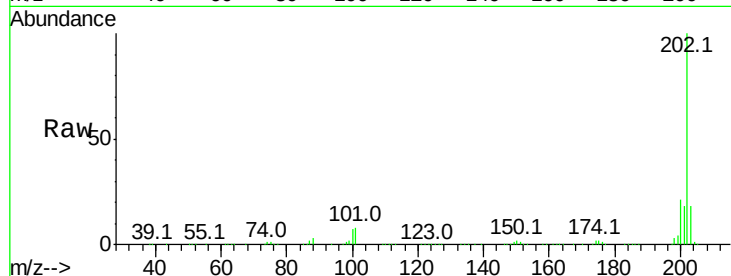
#77
 Pvrene
 Concen: 35.03 ng
 RT: 12.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.9	26.9
203	17.7	14.5	21.7

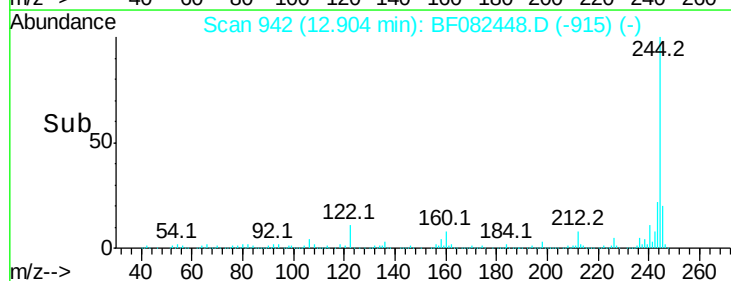
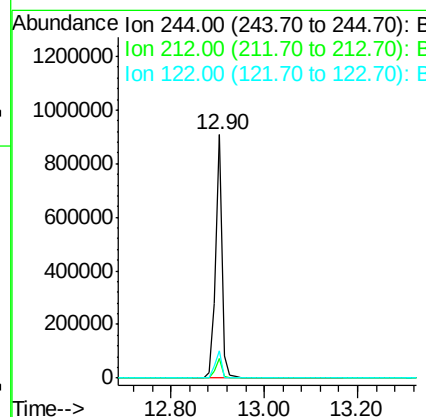
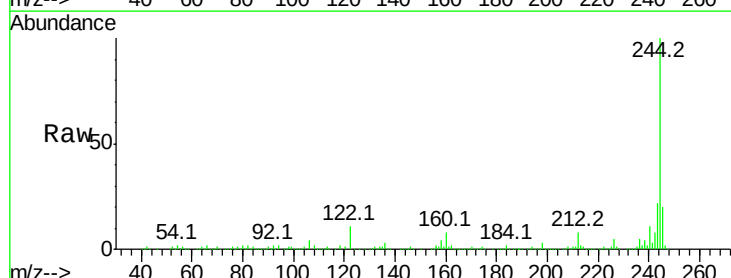
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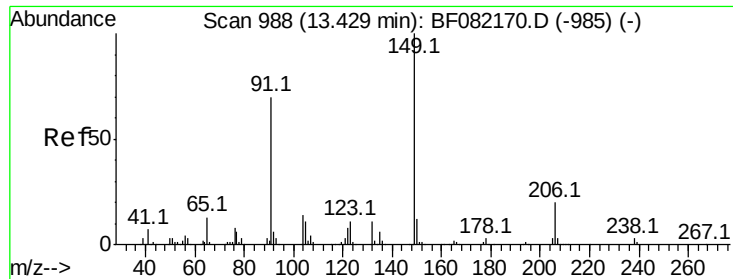
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#78
 Terphenyl-d14
 Concen: 61.35 ng
 RT: 12.90 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	5.8	8.6
122	11.1	5.9	8.9#





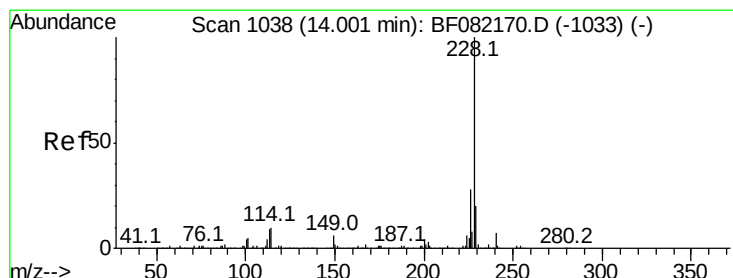
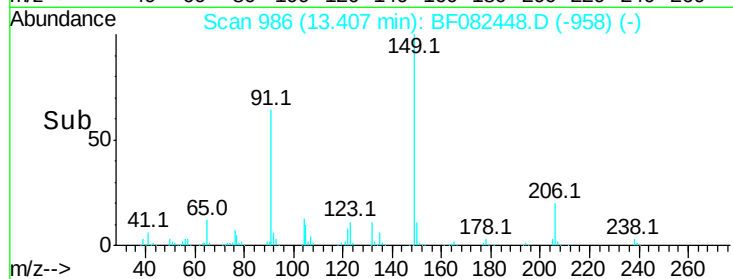
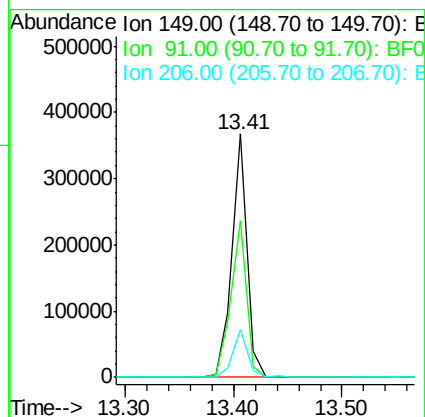
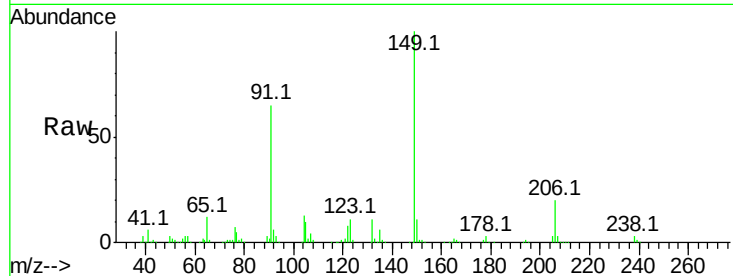
#79
Butylbenzylphthalate
Concen: 32.79 ng
RT: 13.41 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	350677		
91	64.6	55.7	83.5	
206	19.7	15.6	23.4	

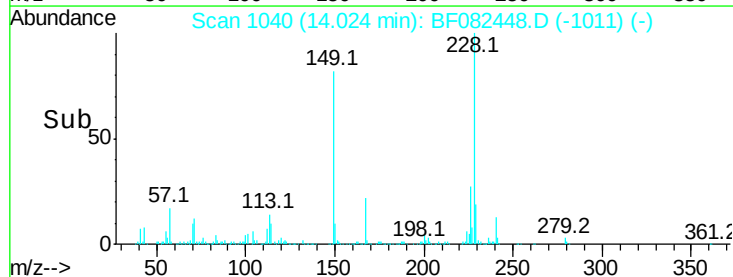
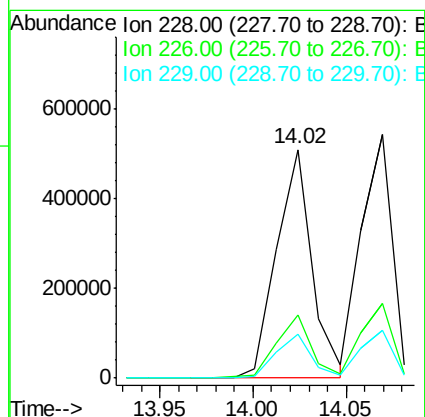
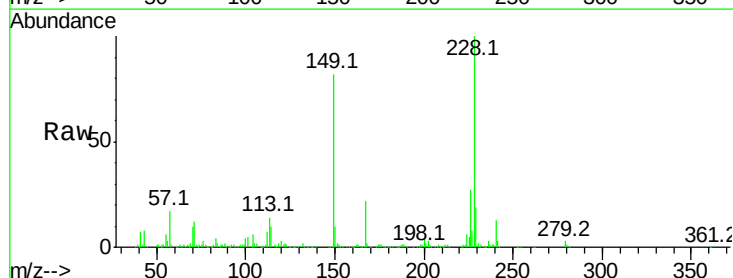
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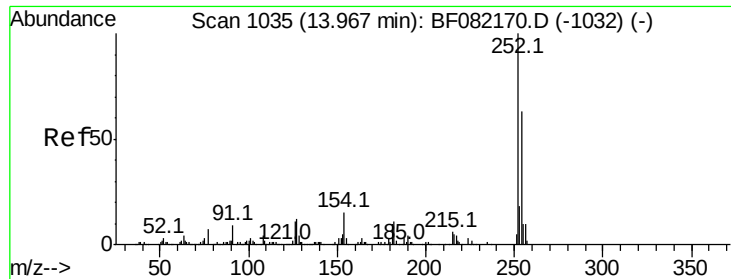
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#80
Benzo(a)anthracene
Concen: 32.59 ng
RT: 14.02 min Scan# 1040
Delta R.T. 0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	669698		
226	27.5	22.3	33.5	
229	19.4	16.2	24.2	





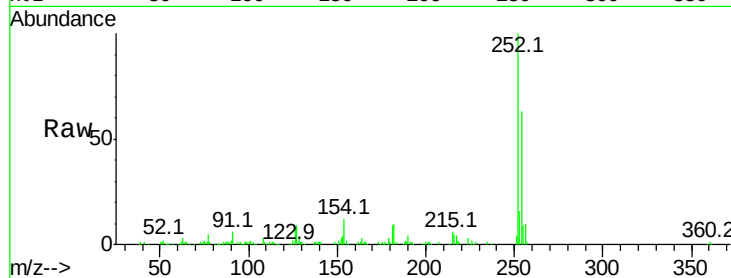
#81
 3,3'-Dichlorobenzidine
 Concen: 17.45 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.03 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

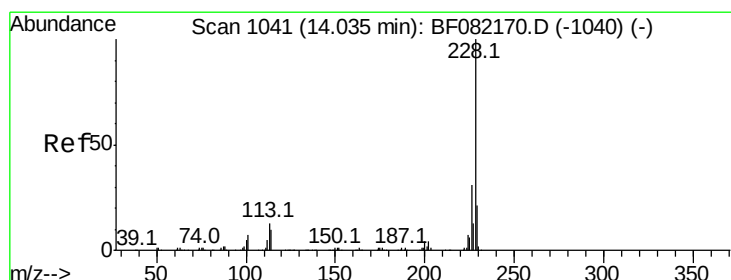
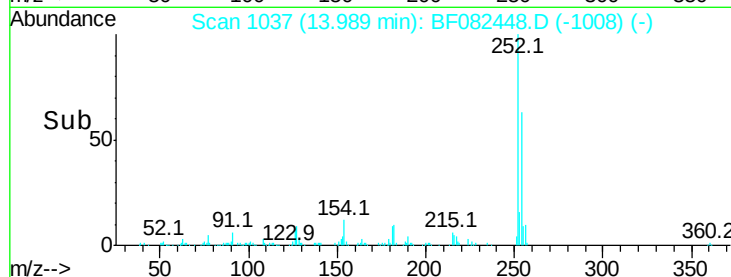
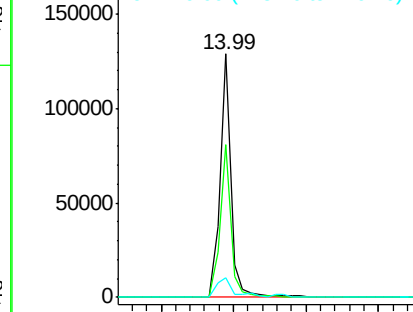
Tot Ion	Ratio	Resp	Lower	Upper
252	100	136128		
254	62.6	50.7	76.1	
126	8.0	9.0	13.6	

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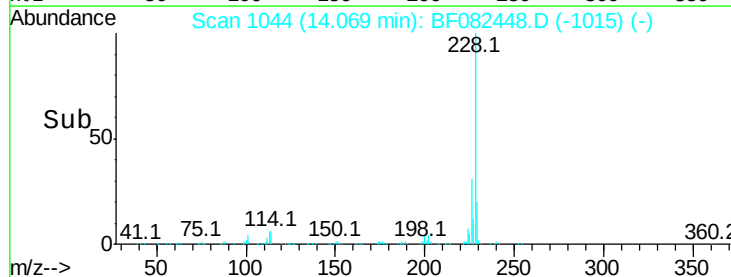
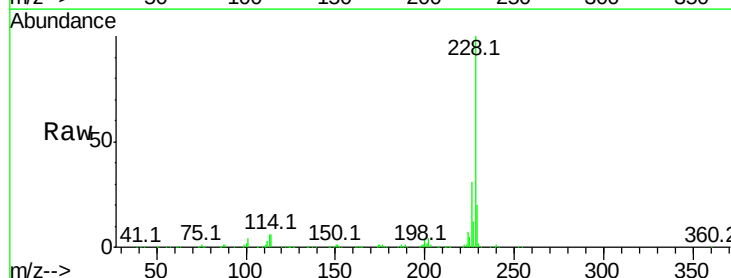
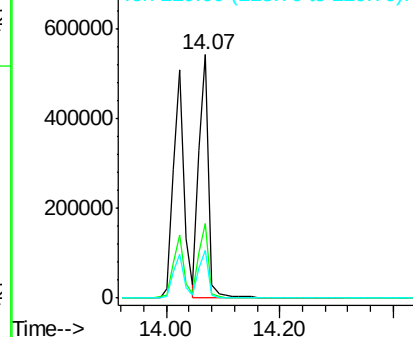
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

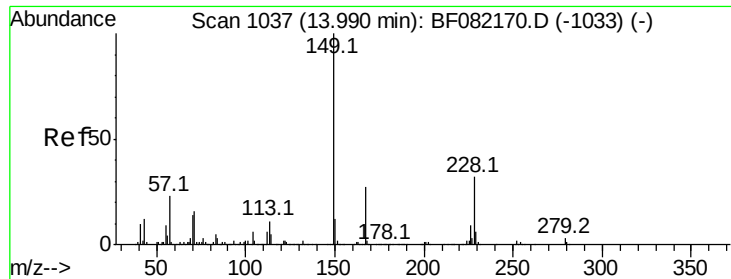


#82
 Chrysene
 Concen: 29.80 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	645263		
226	30.8	24.4	36.6	
229	19.8	16.3	24.5	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





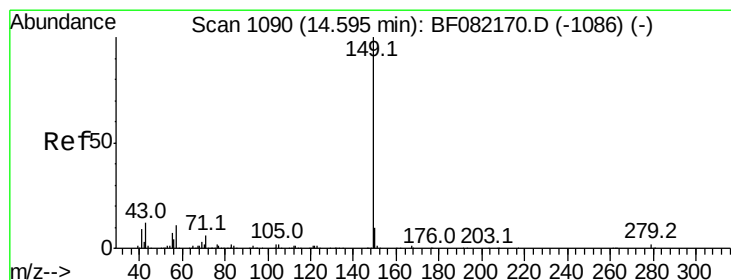
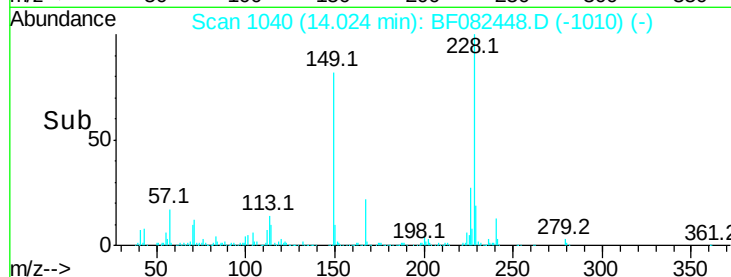
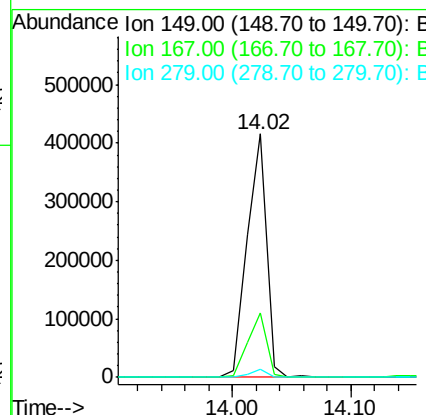
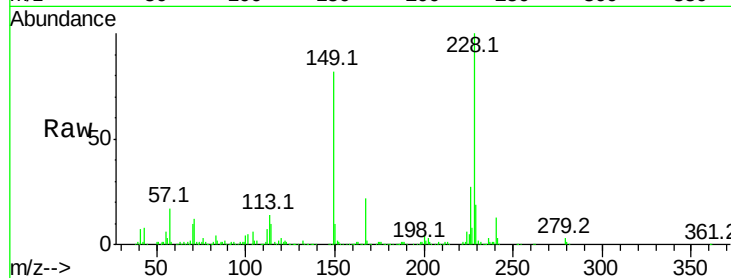
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.12 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. 0.05 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.7	21.3	31.9	
279	3.6	2.6	4.0	

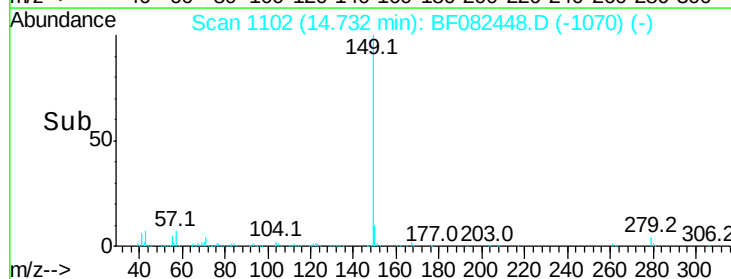
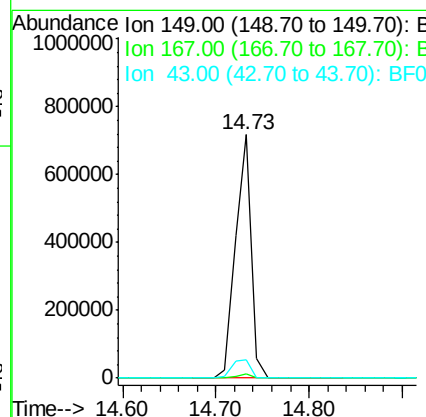
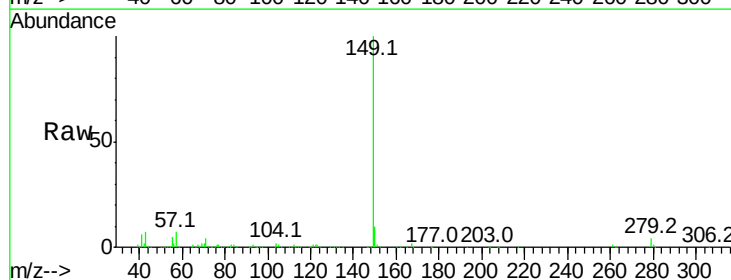
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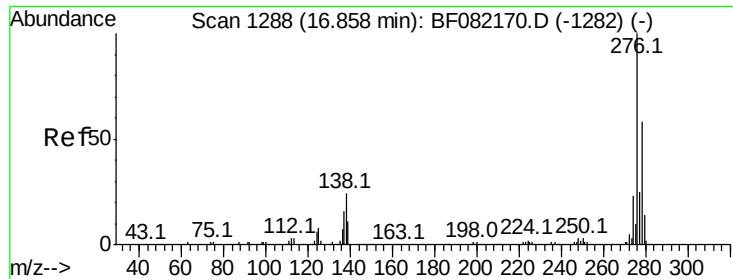
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#84
 Di-n-octyl phthalate
 Concen: 32.19 ng
 RT: 14.73 min Scan# 1102
 Delta R.T. 0.07 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.0	7.4	11.2	





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.34 ng

RT: 17.01 min Scan# 1301

Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

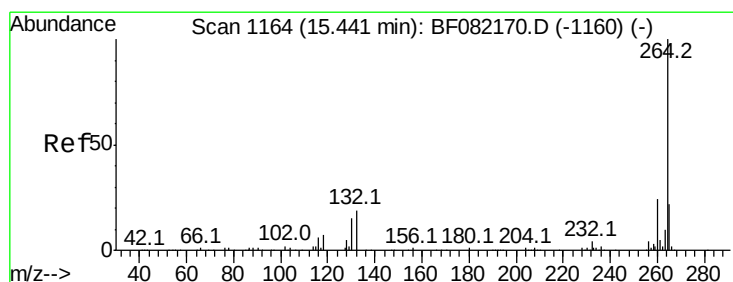
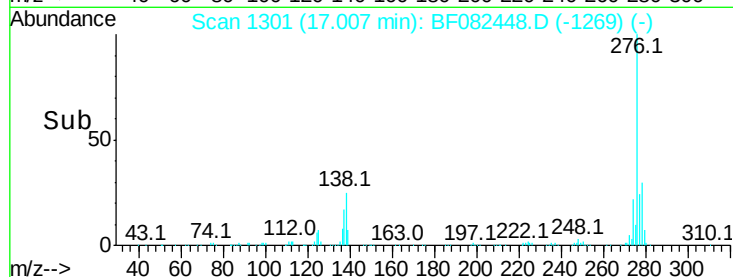
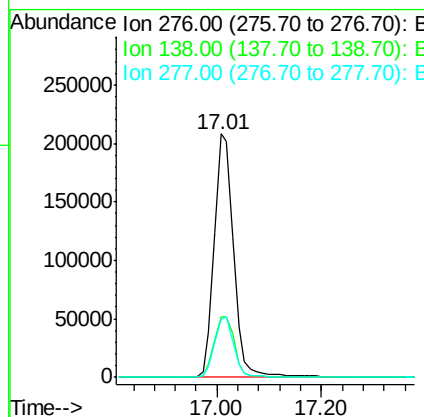
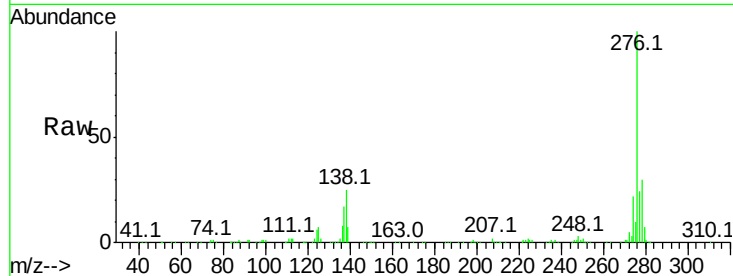
ClientSampleId :

PB86203BS

Tot Ion:	276	Resp:	539253
Ion Ratio	Lower	Upper	
276	100		
138	26.5	19.7	29.5
277	24.8	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

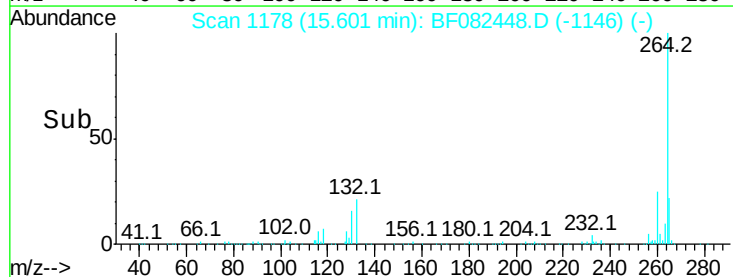
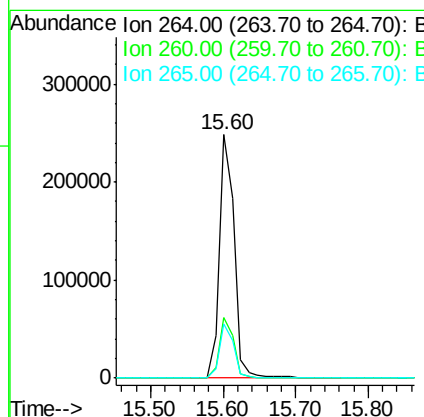
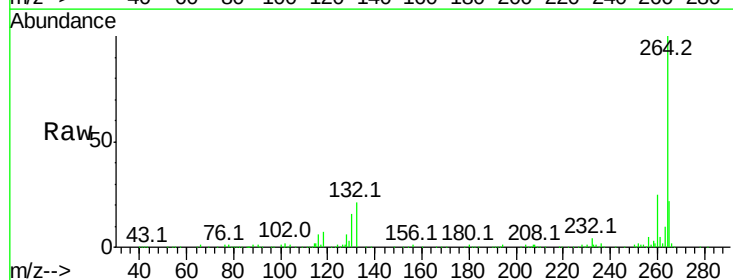
RT: 15.60 min Scan# 1178

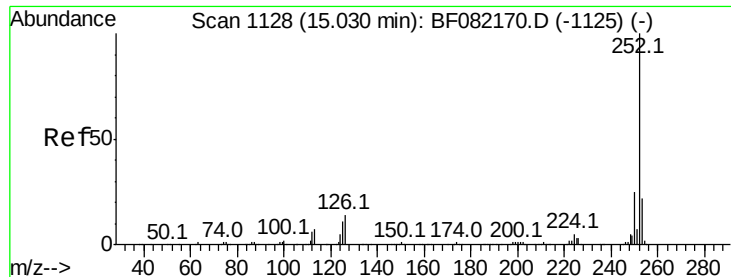
Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:	264	Resp:	352643
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.0	28.6
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 28.00 ng

RT: 15.19 min Scan# 1142

Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

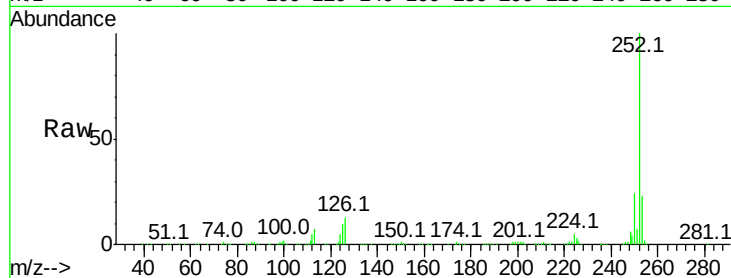
ClientSampleId :

PB86203BS

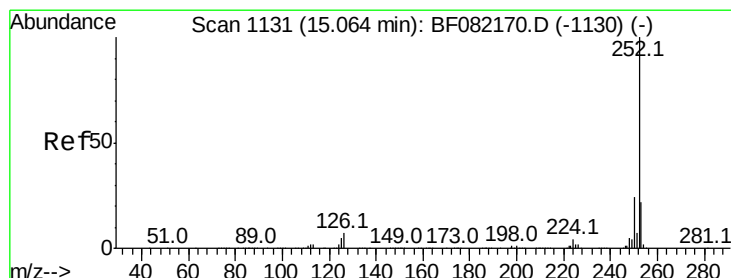
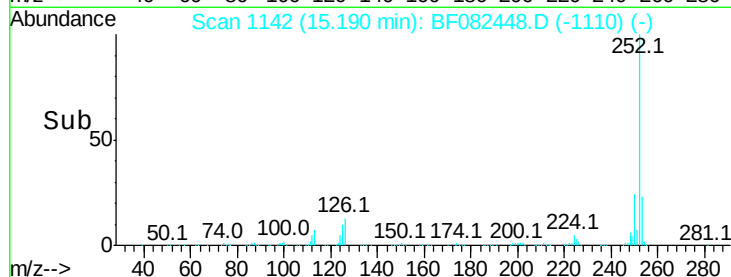
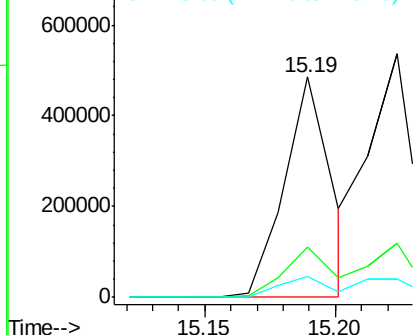
Tot Ion:	252	Resp:	600696
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	9.7	8.6	12.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.33 ng m

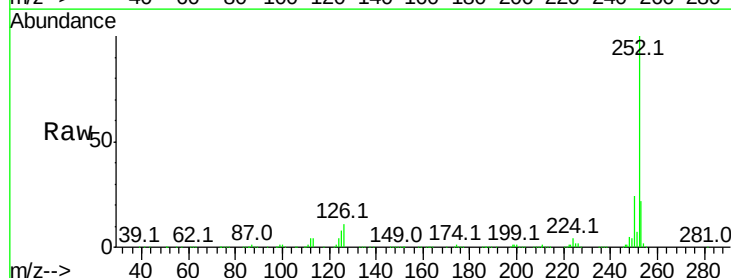
RT: 15.22 min Scan# 1145

Delta R.T. 0.07 min

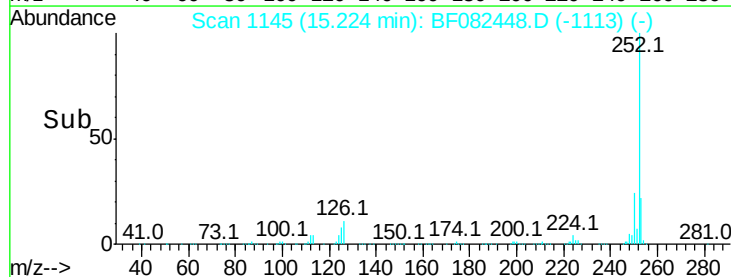
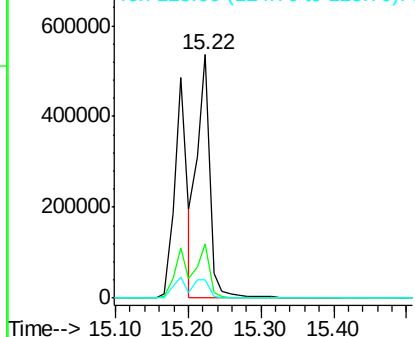
Lab File: BF082448.D

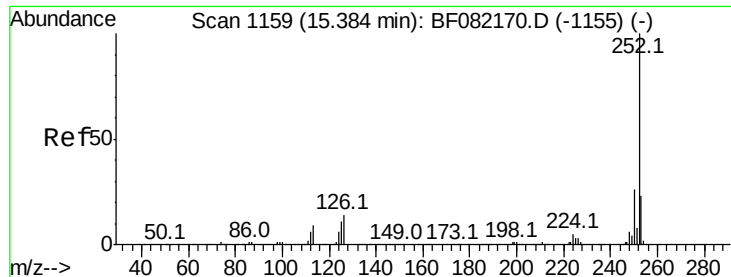
Acq: 22 Oct 2015 16:43

Tgt Ion:	252	Resp:	655152
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	7.7	6.7	10.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





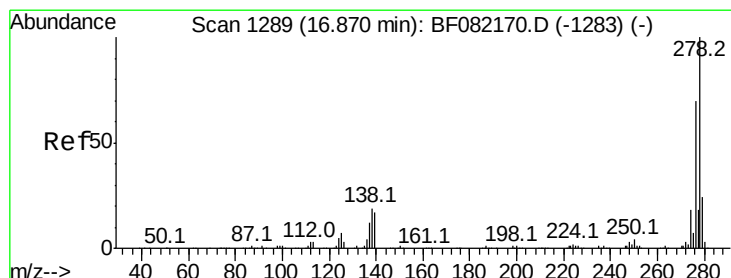
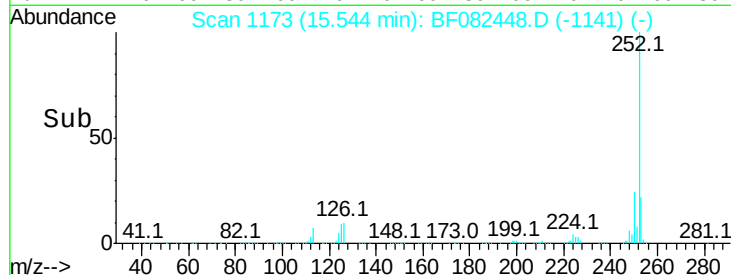
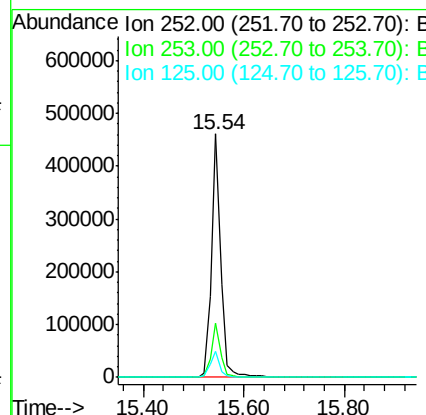
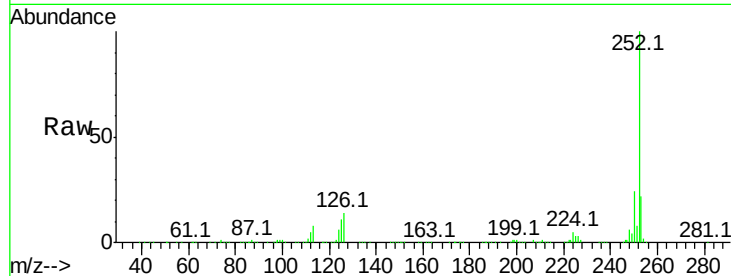
#89
Benzo(a)pyrene
Concen: 31.74 ng
RT: 15.54 min Scan# 1173
Delta R.T. 0.07 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.9	8.9	13.3

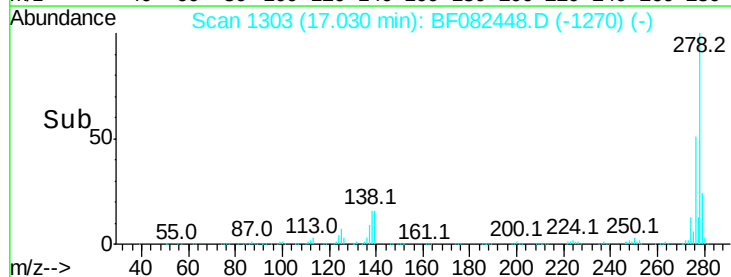
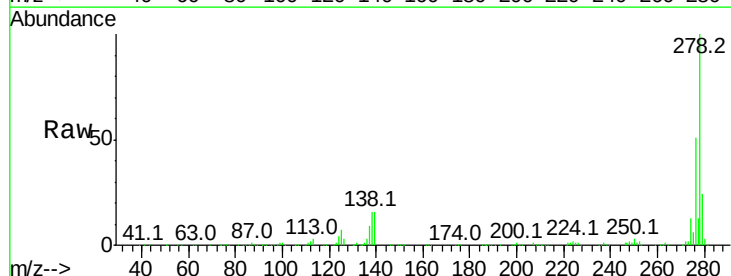
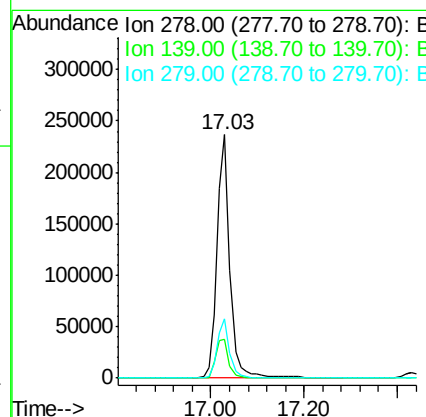
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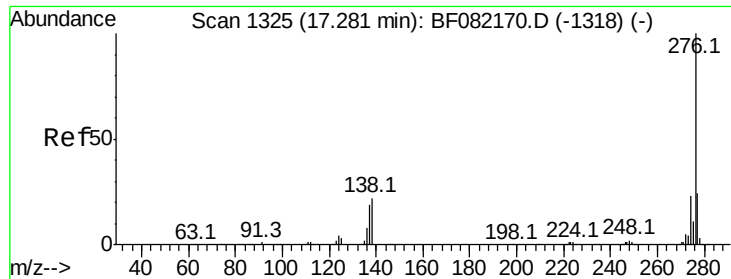
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#90
Dibenzo(a,h)anthracene
Concen: 30.44 ng
RT: 17.03 min Scan# 1303
Delta R.T. 0.08 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.3	19.9
279	24.4	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 29.50 ng
 RT: 17.43 min Scan# 1338
 Delta R.T. 0.08 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:	276	Resp:	433069
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.0	17.4	26.2

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