

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083913.D
 Acq On : 18 Dec 2015 15:21
 Operator : UM/SJ
 Sample : PB87340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:45 AM

Quant Time: Dec 19 04:26:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	52474	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	210564	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	98452	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	191072	20.00	ng	0.00
75) Chrysene-d12	14.03	240	164135	20.00	ng	0.00
86) Perylene-d12	15.47	264	117746	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	365238	108.93	ng	0.01
7) Phenol-d6	6.52	99	493715	120.29	ng	0.01
23) Nitrobenzene-d5	7.44	82	320545	86.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	147232	135.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	592494	84.41	ng	-0.01
78) Terphenyl-d14	12.98	244	651254	93.38	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	42449	29.18	ng	97
3) Pyridine	3.29	79	112242	31.21	ng	99
4) n-Nitrosodimethylamine	3.23	42	56630	41.28	ng	96
6) Aniline	6.53	93	127659	24.15	ng	# 48
8) 2-Chlorophenol	6.66	128	157904	39.57	ng	92
9) Benzaldehyde	6.41	77	50898	20.58	ng	94
10) Phenol	6.53	94	171170	37.38	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	125727	36.14	ng	95
12) 1,3-Dichlorobenzene	6.81	146	162367m	37.83	ng	
13) 1,4-Dichlorobenzene	6.89	146	165359m	37.74	ng	
14) 1,2-Dichlorobenzene	7.04	146	146312	41.12	ng	97
15) Benzyl Alcohol	7.01	79	131660	42.39	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	130090	36.26	ng	98
17) 2-Methylphenol	7.14	107	118173	37.75	ng	93
18) Hexachloroethane	7.38	117	59498	37.01	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	101472	42.41	ng	93
20) 3+4-Methylphenols	7.29	107	153239	41.66	ng	# 58
22) Acetophenone	7.28	105	205260	40.49	ng	95
24) Nitrobenzene	7.45	77	137454	36.03	ng	97
25) Isophorone	7.69	82	264888	38.16	ng	100
26) 2-Nitrophenol	7.77	139	79040	40.02	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	143913	42.30	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	170832	41.60	ng	98
29) 2,4-Dichlorophenol	8.02	162	132784	43.02	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	128827	38.86	ng	96
31) Naphthalene	8.18	128	439821	41.28	ng	99
32) Benzoic acid	7.95	122	74341	55.79	ng	96
33) 4-Chloroaniline	8.22	127	79390	16.61	ng	# 92
34) Hexachlorobutadiene	8.29	225	71857	34.71	ng	99
35) Caprolactam	8.59	113	40847m	40.05	ng	
36) 4-Chloro-3-methylphenol	8.72	107	142507	40.74	ng	93
37) 2-Methylnaphthalene	8.86	142	293350	40.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	127588	41.10	ng	99
40) Hexachlorocyclopentadiene	9.02	237	65539	65.71	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	87896	42.88	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	91086	44.91	nq	# 93
45) 1,1'-Biphenyl	9.33	154	387097	46.92	nq	97
46) 2-Chloronaphthalene	9.36	162	280859	43.35	nq	95
47) 2-Nitroaniline	9.45	65	72878	37.43	nq	90
48) Acenaphthylene	9.77	152	426838	37.19	nq	99
49) Dimethylphthalate	9.63	163	332048	40.19	nq	# 90
50) 2,6-Dinitrotoluene	9.70	165	74110	41.12	nq	# 85
51) Acenaphthene	9.94	154	301587	42.74	nq	99
52) 3-Nitroaniline	9.86	138	42178	22.21	nq	96
53) 2,4-Dinitrophenol	9.97	184	62576	94.56	nq	# 82
54) Dibenzofuran	10.11	168	384573	41.96	nq	# 88
55) 4-Nitrophenol	10.04	139	106244	89.59	nq	87
56) 2,4-Dinitrotoluene	10.10	165	97754	42.32	nq	98
57) Fluorene	10.45	166	302146	43.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	70430m	46.93	nq	
59) Diethylphthalate	10.33	149	340495	39.87	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	137641	39.18	nq	# 87
61) 4-Nitroaniline	10.48	138	68532	34.87	nq	98
62) Azobenzene	10.60	77	328606	45.90	nq	88
64) 4,6-Dinitro-2-methylphenol	10.51	198	48475	41.84	nq	85
65) n-Nitrosodiphenylamine	10.57	169	280742	40.38	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	85379	36.55	nq	# 70
67) Hexachlorobenzene	11.01	284	102564	41.70	nq	# 91
68) Atrazine	11.09	200	82788	37.59	nq	98
69) Pentachlorophenol	11.21	266	91003	86.76	nq	98
70) Phenanthrene	11.41	178	430943	37.33	nq	99
71) Anthracene	11.47	178	491473	44.04	nq	99
72) Carbazole	11.62	167	415900	37.72	nq	100
73) Di-n-butylphthalate	11.95	149	532736	41.12	nq	# 97
74) Fluoranthene	12.60	202	456894	39.66	nq	100
76) Benzidine	12.72	184	157222	23.92	nq	99
77) Pyrene	12.83	202	456714	43.81	nq	99
79) Butylbenzylphthalate	13.45	149	237490	43.47	nq	98
80) Benzo(a)anthracene	14.02	228	394822	39.12	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	87016	23.07	nq	# 94
82) Chrysene	14.05	228	347016	35.60	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	311800	42.74	nq	100
84) Di-n-octyl phthalate	14.63	149	512310	44.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	287862	39.49	nq	99
87) Benzo(b)fluoranthene	15.06	252	352339m	41.04	nq	
88) Benzo(k)fluoranthene	15.08	252	294216m	41.55	nq	
89) Benzo(a)pyrene	15.41	252	298130	42.06	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	238937	43.33	nq	98
91) Benzo(g,h,i)perylene	17.33	276	241153	44.62	nq	99

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

```

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Operator  : UM/SJ
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Misc      :
ALS Vial  : 4      Sample Multiplier: 1

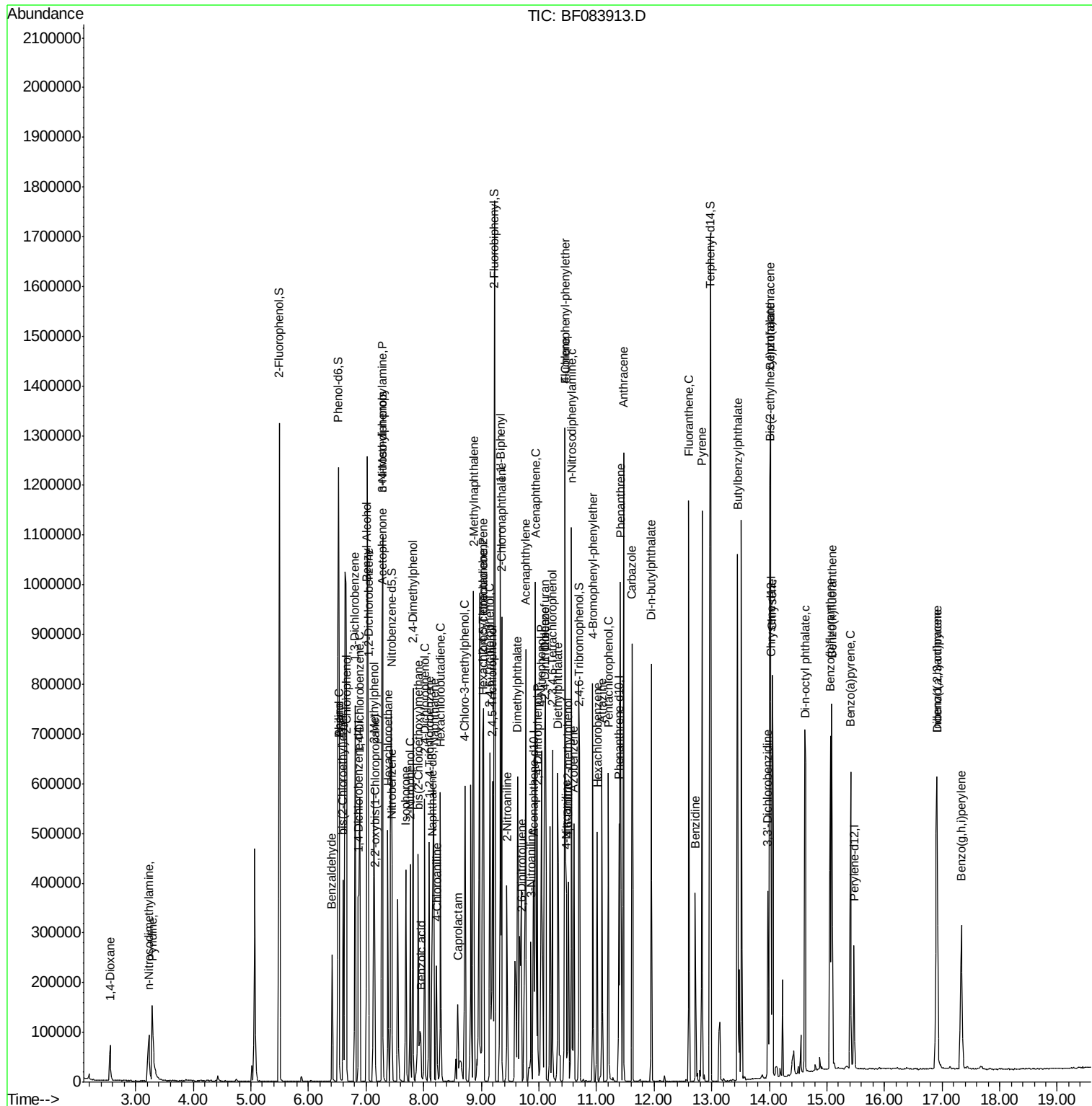
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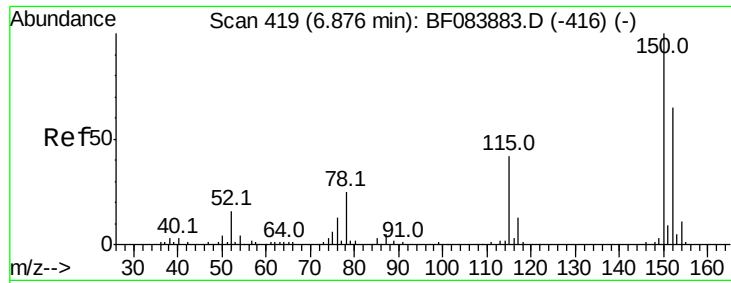
Instrument :
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ClientSampleId :
PB87340BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

Tot Ion:152 Resp: 52474

Ion Ratio Lower Upper

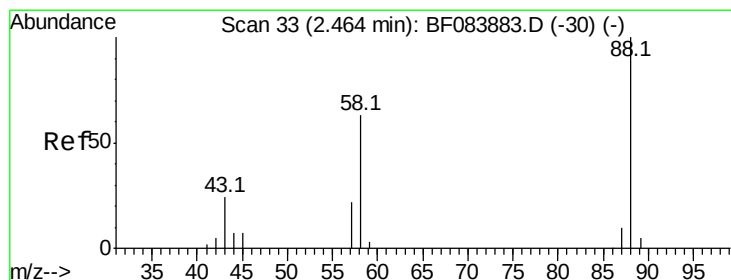
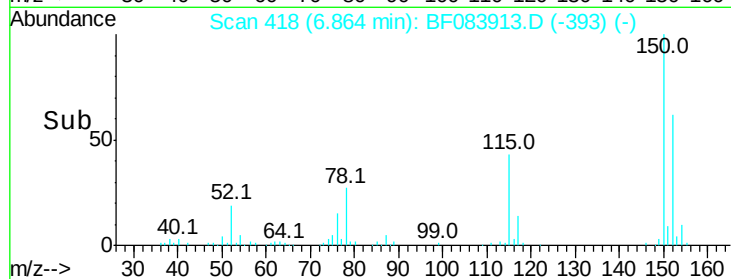
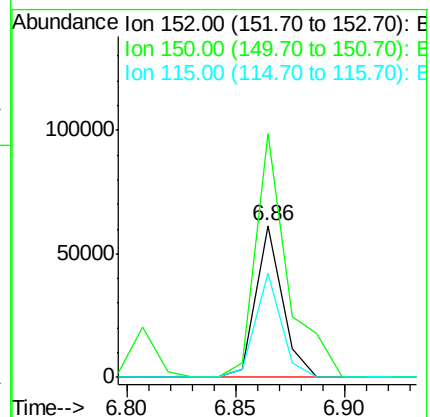
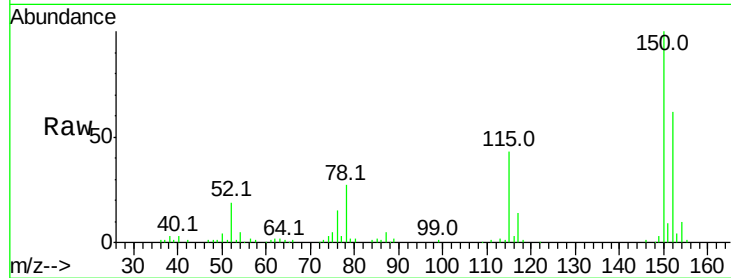
152 100

150 160.4 123.0 184.4

115 68.5 51.4 77.2

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#2

1,4-Dioxane

Concen: 29.18 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

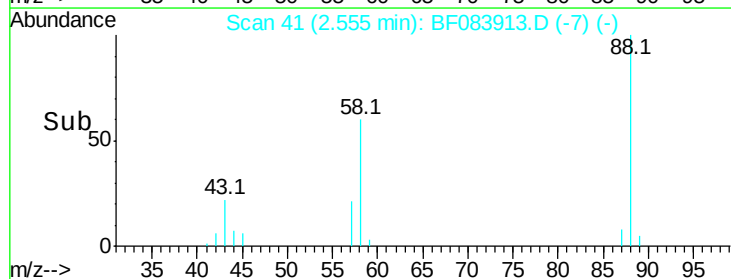
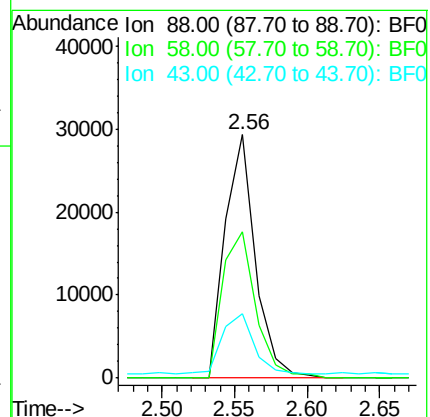
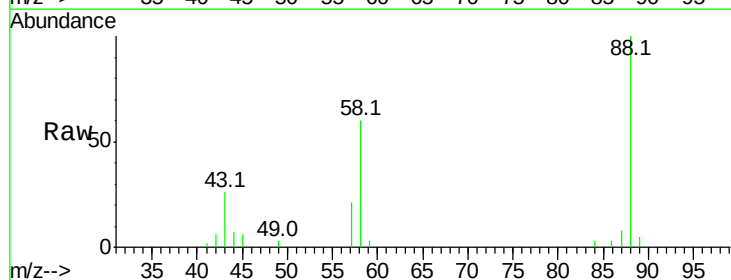
Tgt Ion: 88 Resp: 42449

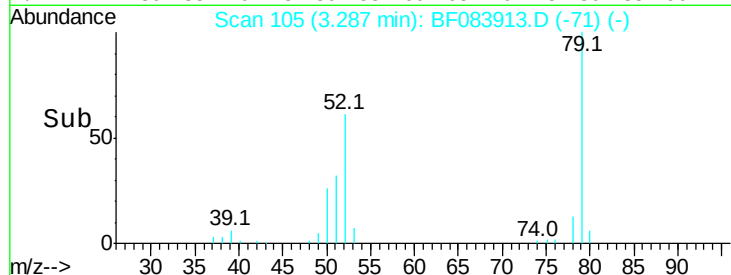
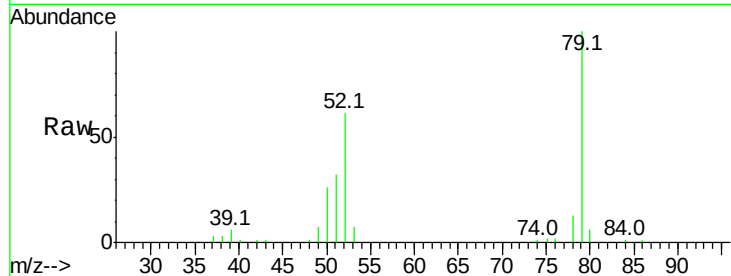
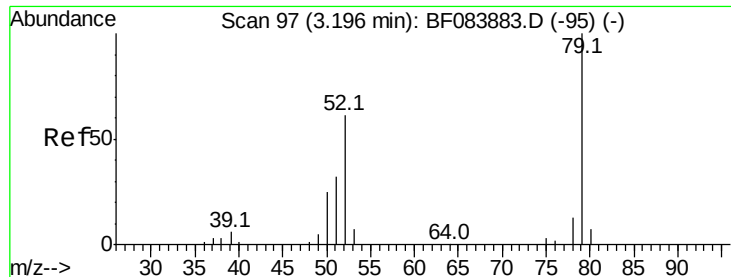
Ion Ratio Lower Upper

88 100

58 66.0 51.2 76.8

43 26.6 19.5 29.3





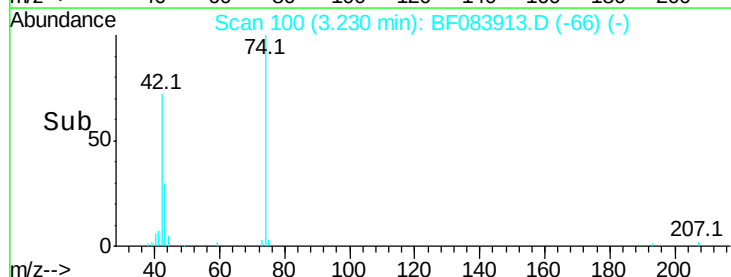
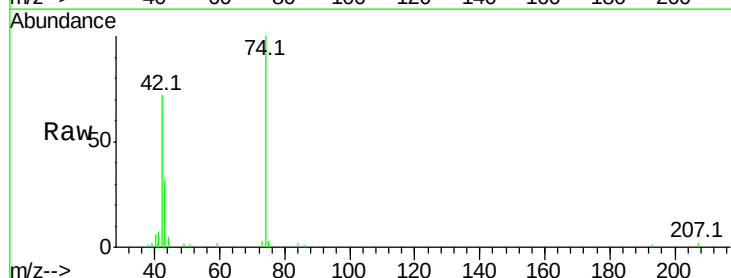
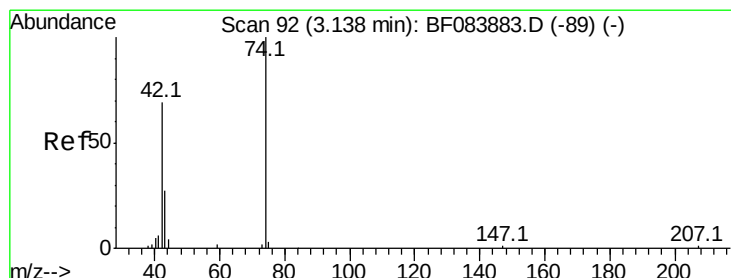
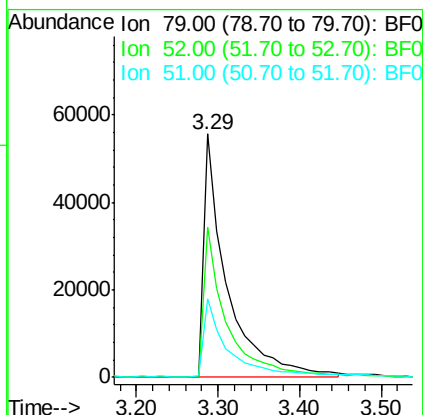
#3
 Pvridine
 Concen: 31.21 ng
 RT: 3.29 min Scan# 105
 Delta R.T. 0.09 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.0	73.4
51	32.2	25.2	37.8

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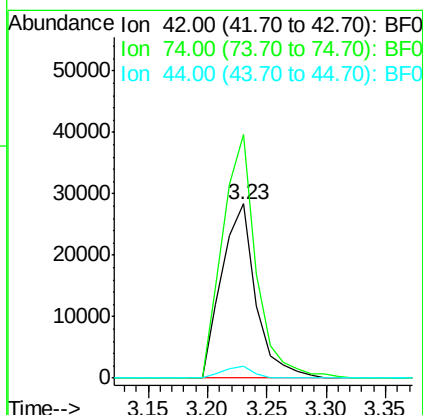
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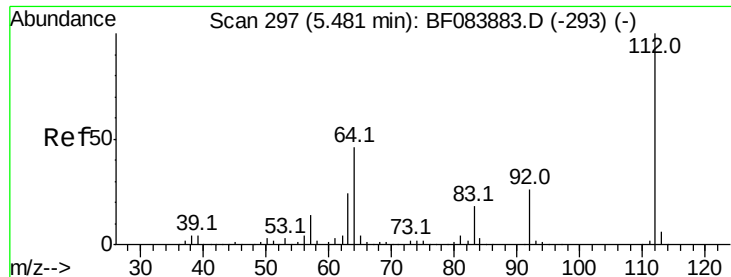
apatel
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#4
 n-Nitrosodimethylamine
 Concen: 41.28 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.09 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.6	115.7	173.5
44	6.6	5.1	7.7





#5

2-Fluorophenol

Concen: 108.93 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

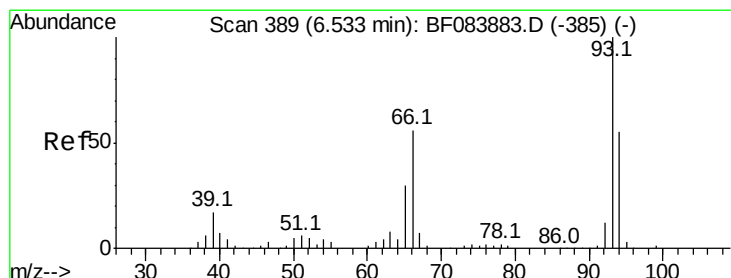
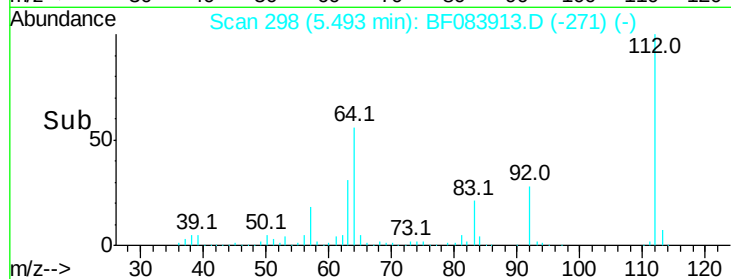
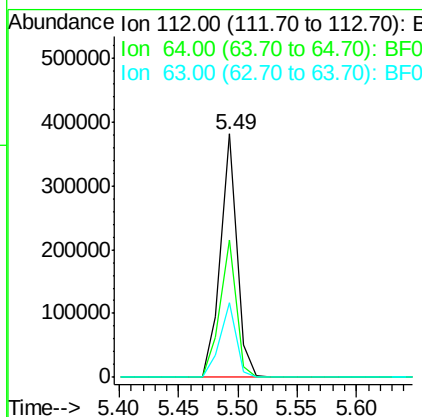
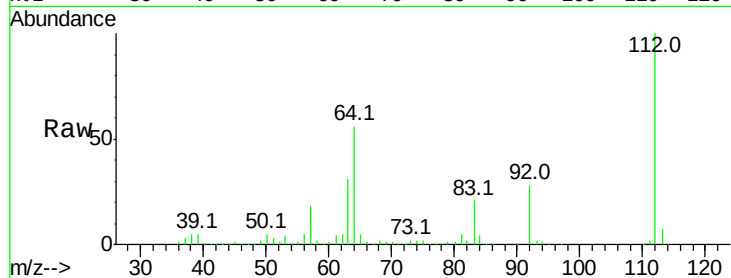
ClientSampleID :

PB87340BS

Tot Ion:	112	Resp:	365238
Ion Ratio	Lower	Upper	
112	100		
64	56.5	36.6	55.0#
63	30.7	19.4	29.0#

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#6

Aniline

Concen: 24.15 ng

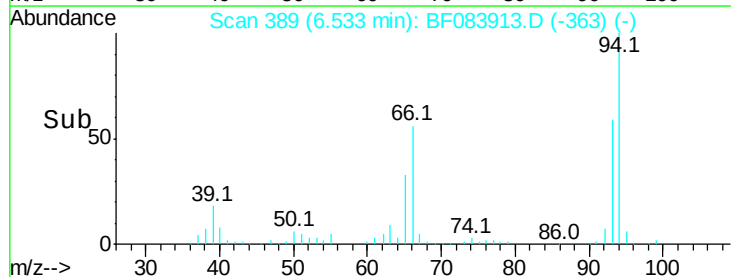
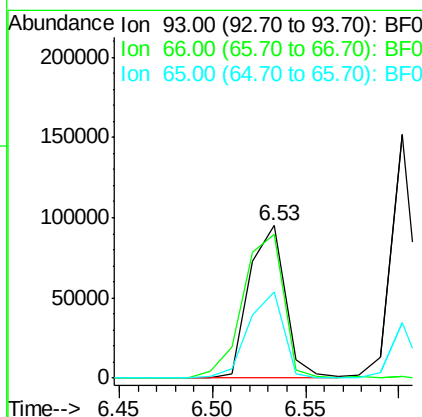
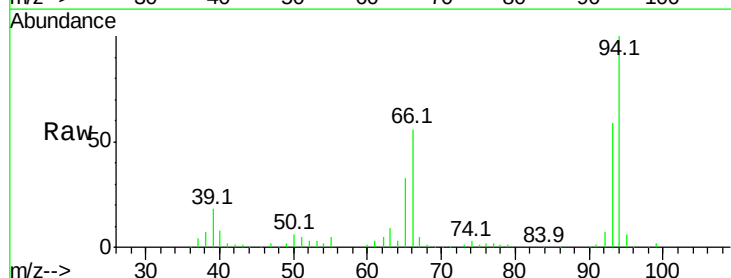
RT: 6.53 min Scan# 389

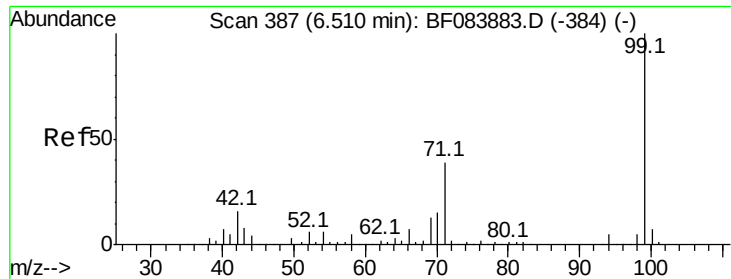
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	93	Resp:	127659
Ion Ratio	Lower	Upper	
93	100		
66	94.4	44.9	67.3#
65	56.5	23.7	35.5#





#7

Phenol-d6

Concen: 120.29 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

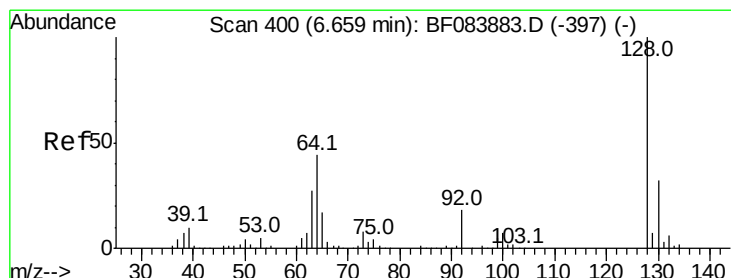
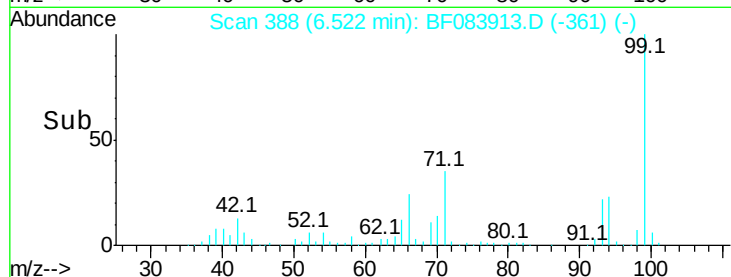
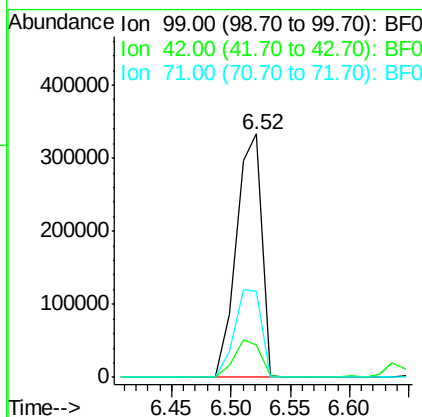
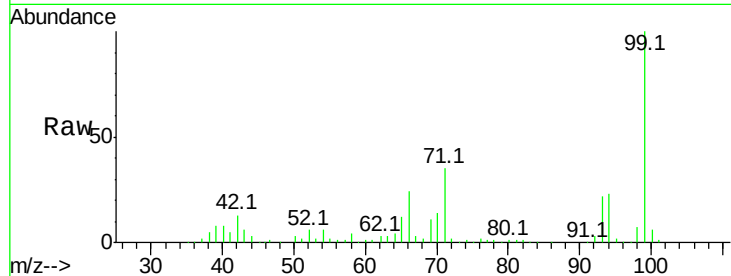
ClientSampleId :

PB87340BS

Tot Ion:	99	Resp:	493715
Ion Ratio	Lower	Upper	
99	100		
42	13.3	12.8	19.2
71	35.5	30.9	46.3

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#8

2-Chlorophenol

Concen: 39.57 ng

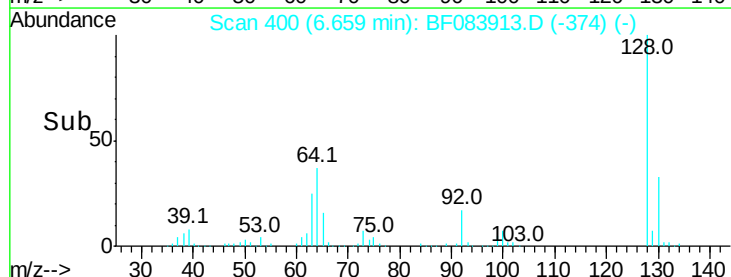
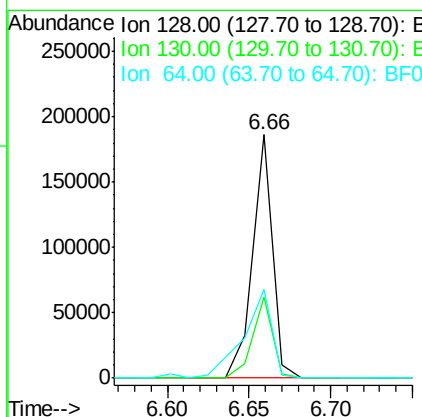
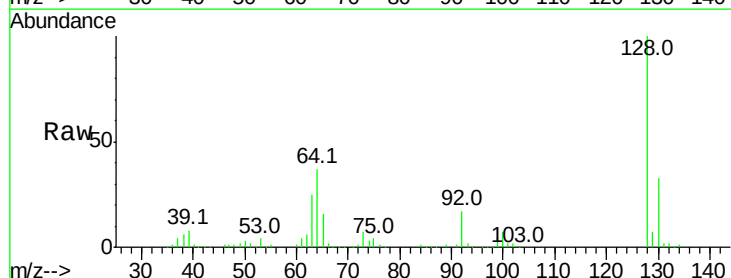
RT: 6.66 min Scan# 400

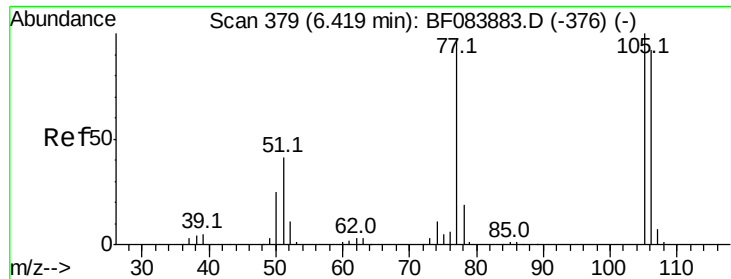
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	128	Resp:	157904
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.6	51.6
64	36.7	23.8	63.8





#9

Benzaldehyde

Concen: 20.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

Tot Ion: 77 Resp: 50898

Ion Ratio Lower Upper

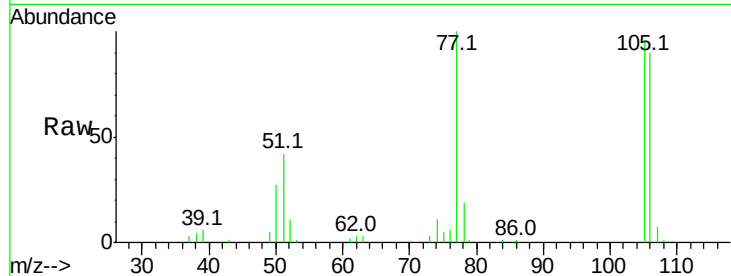
77 100

105 96.3 83.0 123.0

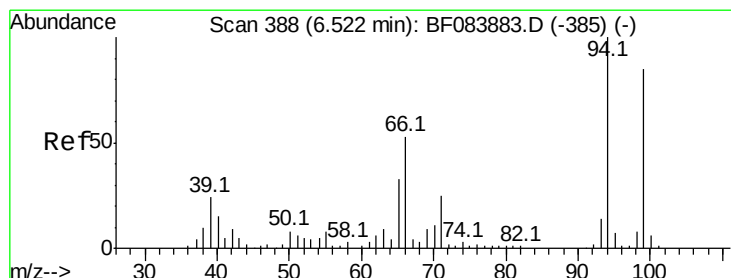
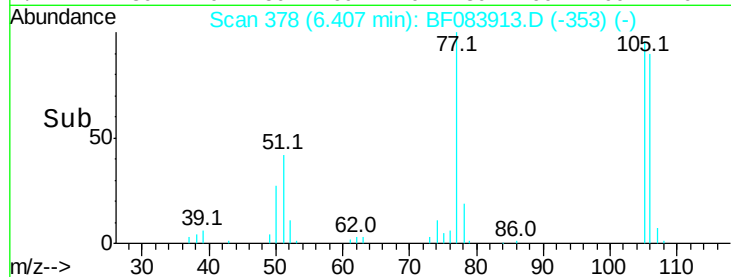
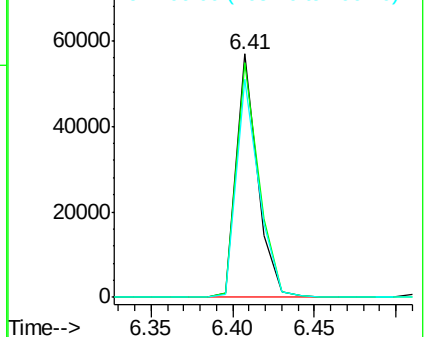
106 89.8 74.6 114.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.38 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

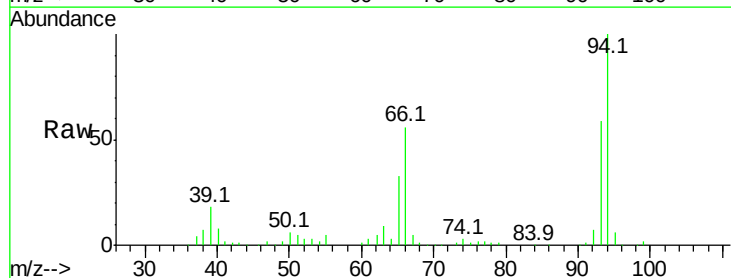
Tgt Ion: 94 Resp: 171170

Ion Ratio Lower Upper

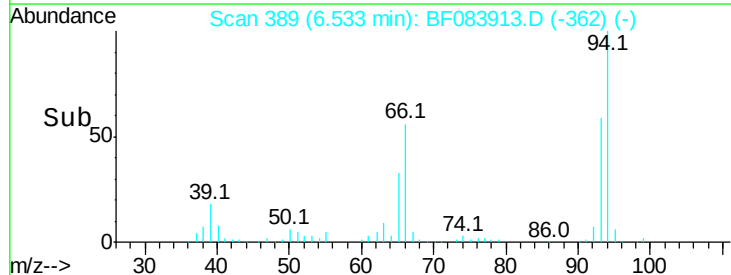
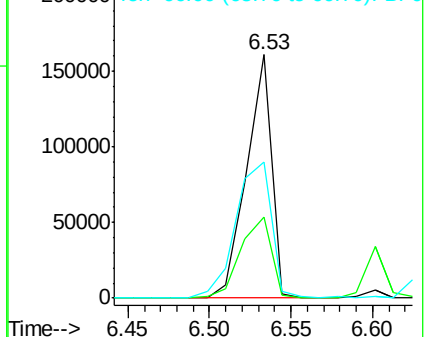
94 100

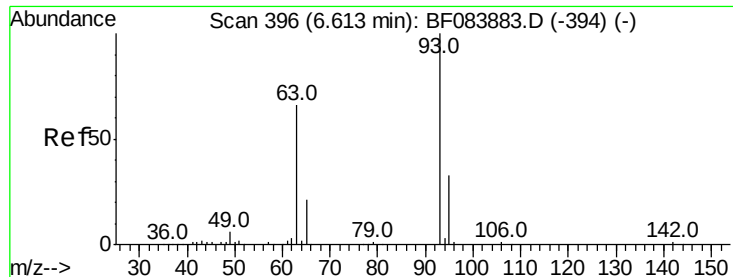
65 33.4 12.9 52.9

66 55.7 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.14 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

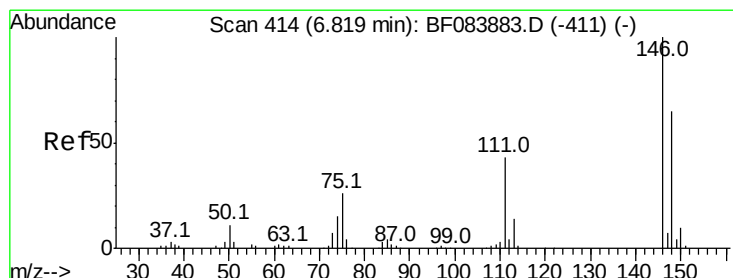
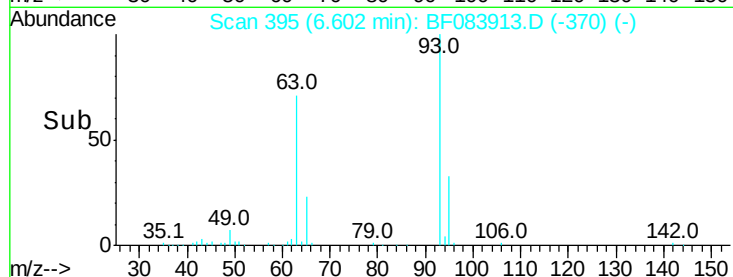
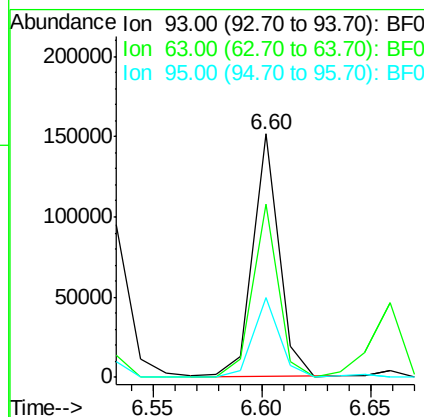
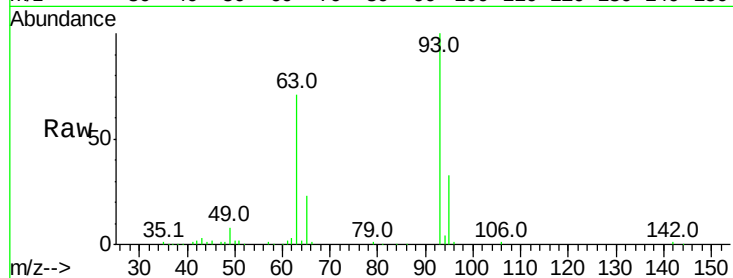
ClientSampleId :

PB87340BS

Tot Ion:	93	Resp:	125727
Ion Ratio	Lower	Upper	
93	100		
63	71.3	45.9	85.9
95	32.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 37.83 ng m

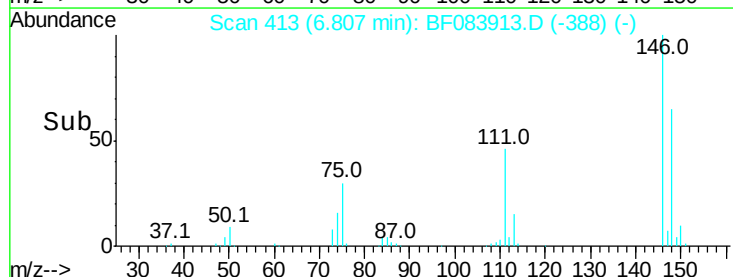
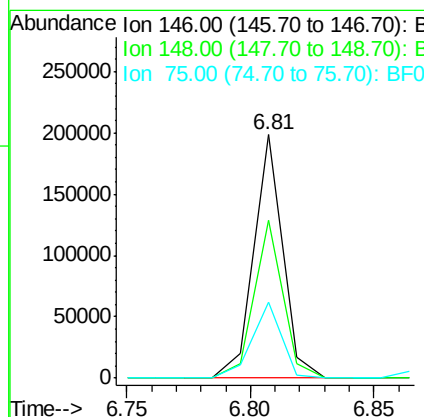
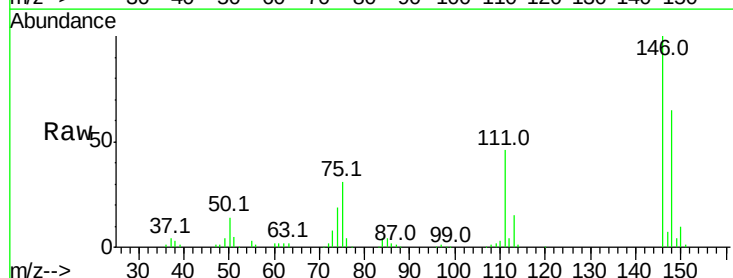
RT: 6.81 min Scan# 413

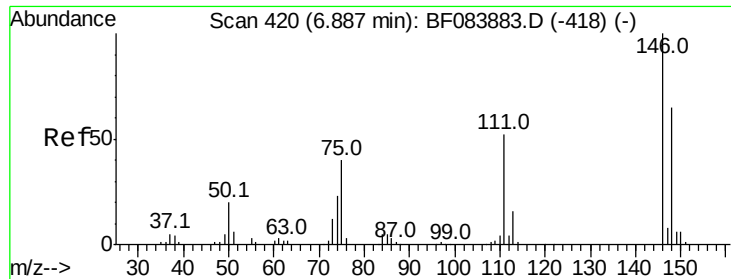
Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	146	Resp:	162367
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
75	31.0	20.5	30.7#





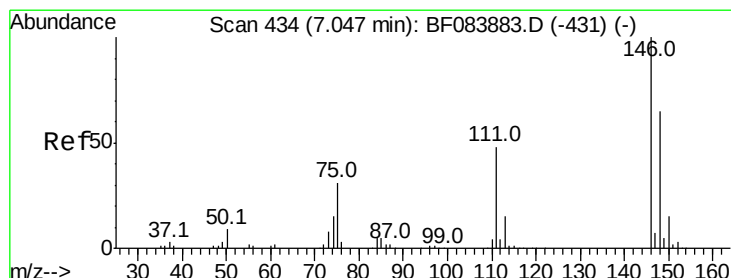
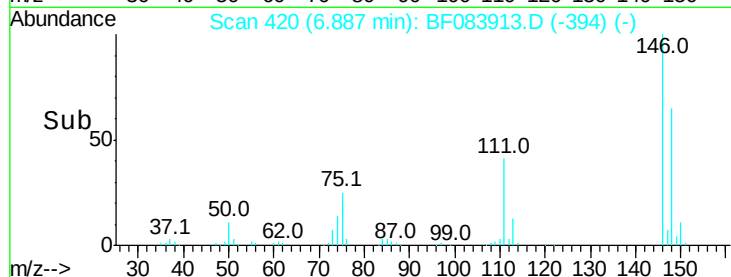
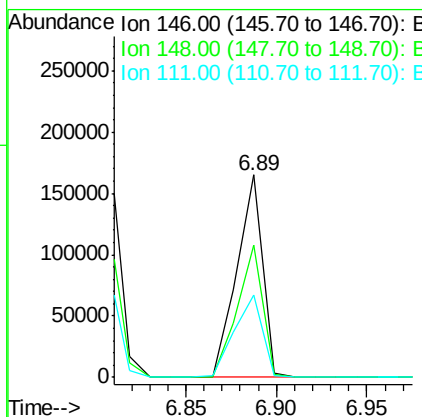
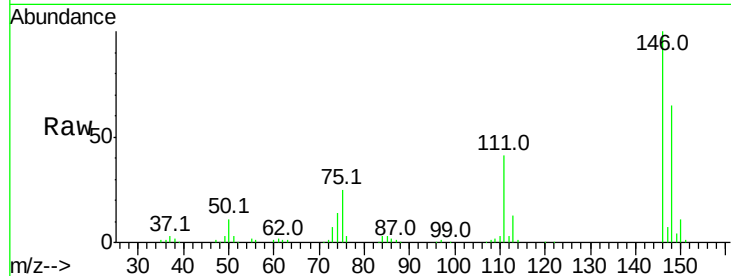
#13
1,4-Dichlorobenzene
Concen: 37.74 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	40.7	41.6	62.4

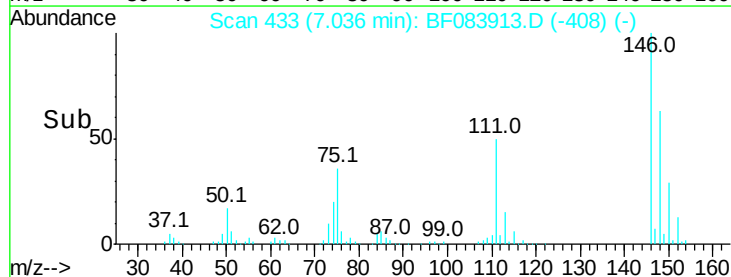
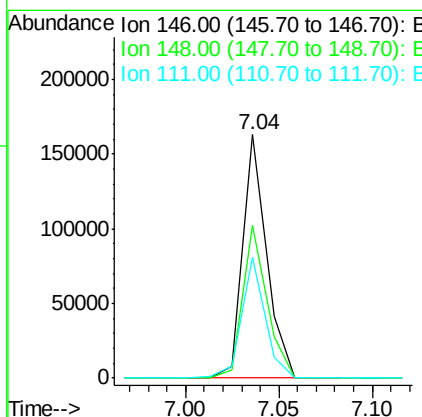
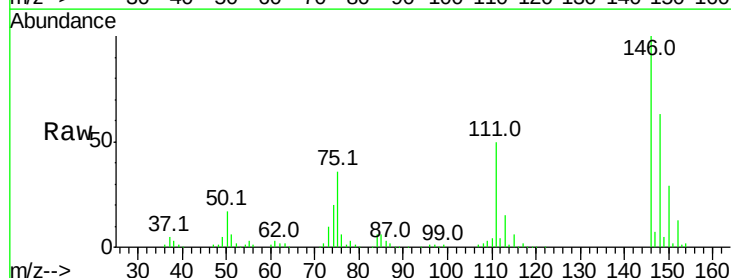
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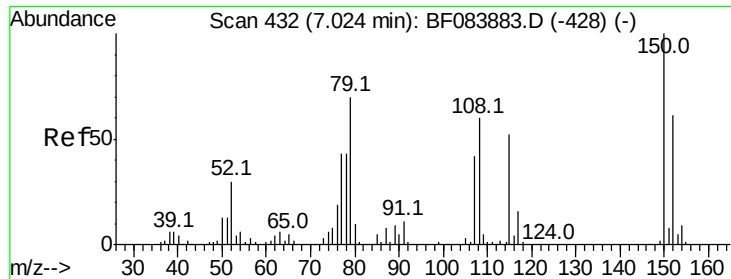
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#14
1,2-Dichlorobenzene
Concen: 41.12 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.6	77.4
111	49.6	38.0	57.0





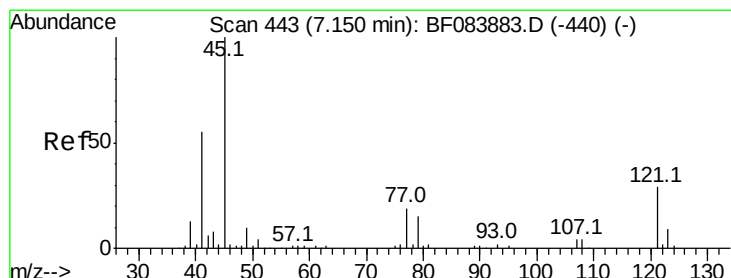
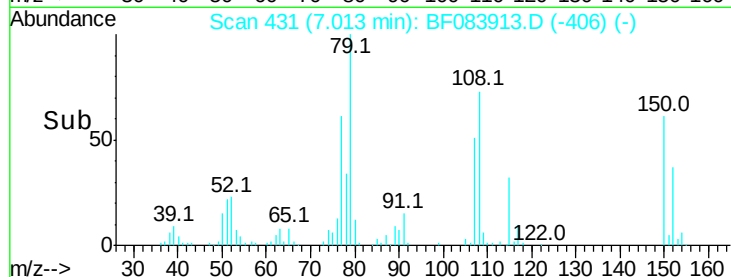
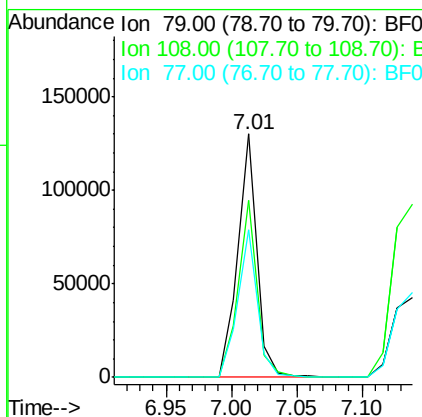
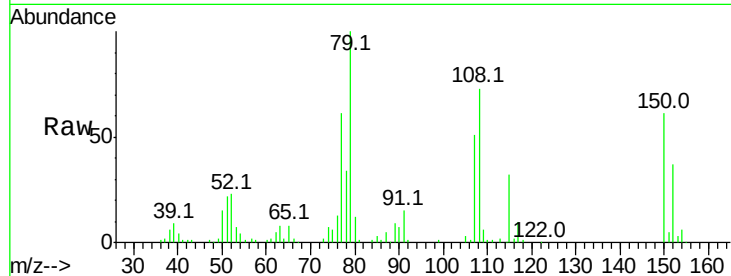
#15
Benzyl Alcohol
Concen: 42.39 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	69.0	103.4
77	60.9	50.0	75.0

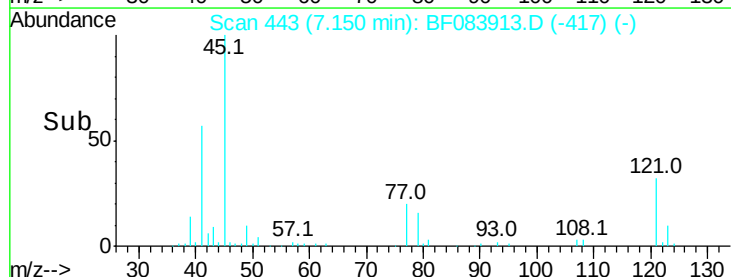
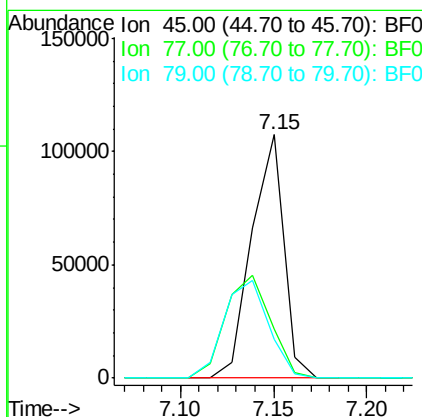
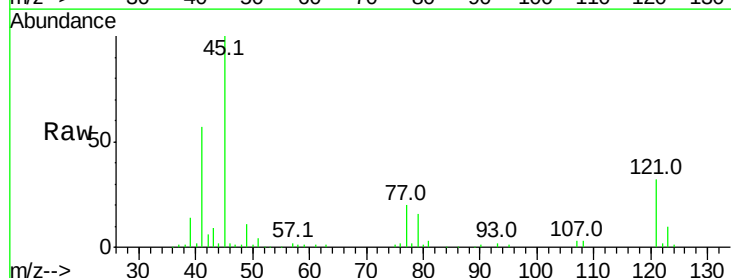
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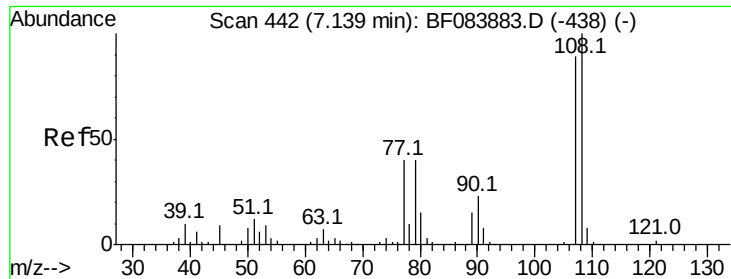
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.26 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	39.6
79	16.0	0.0	35.0





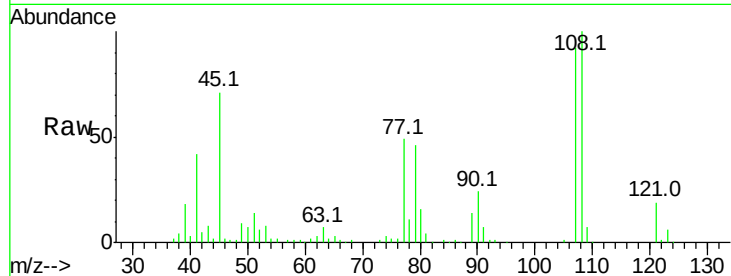
#17
2-Methylphenol
Concen: 37.75 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

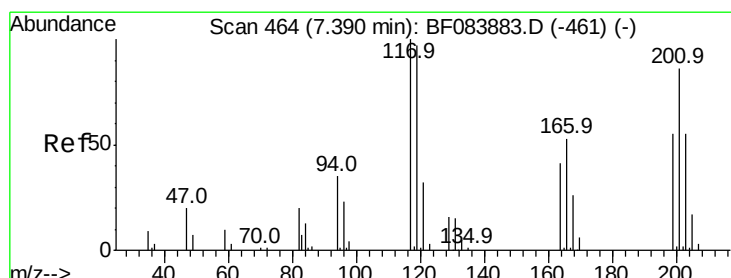
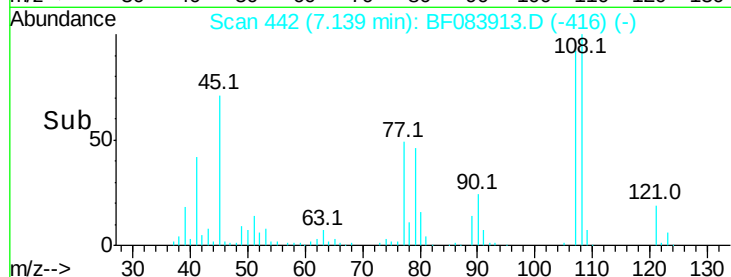
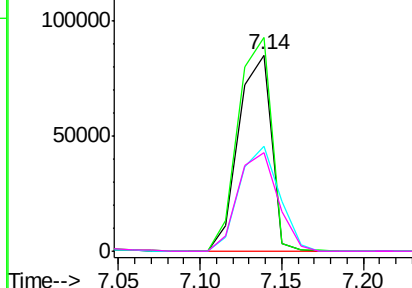
Tot Ion	Ratio	Resp	Lower	Upper
107	100	118173		
108	108.8	89.8	134.6	
77	53.4	35.7	53.5	
79	50.4	35.7	53.5	

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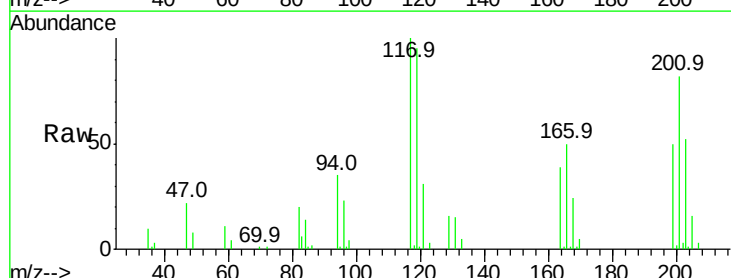


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

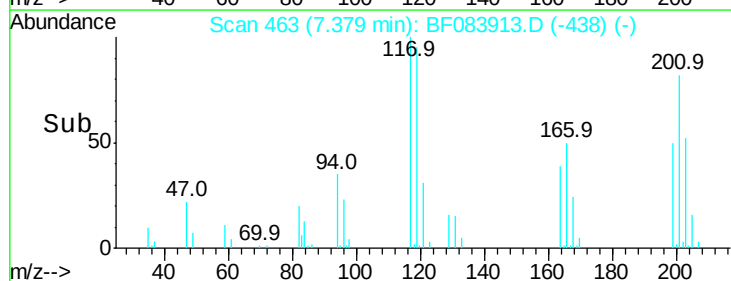
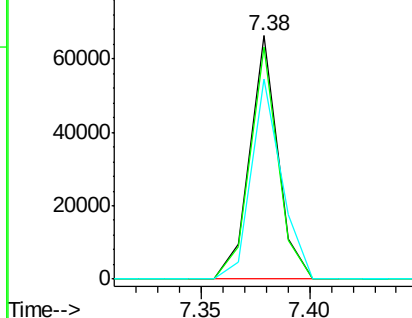


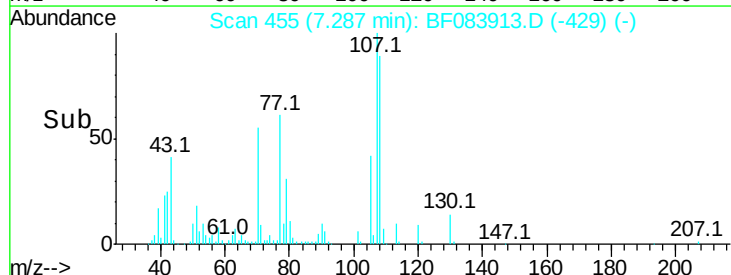
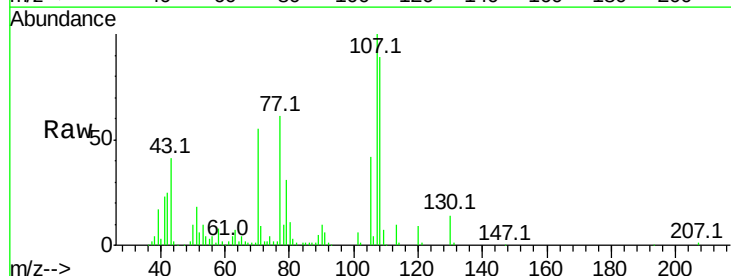
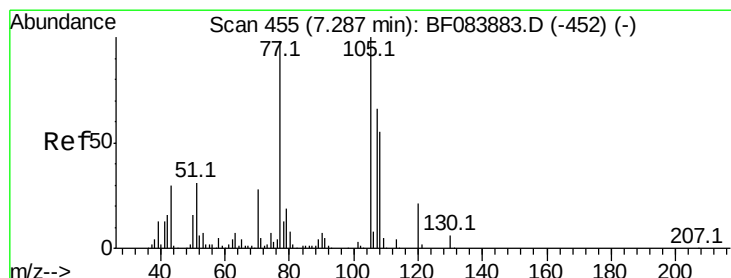
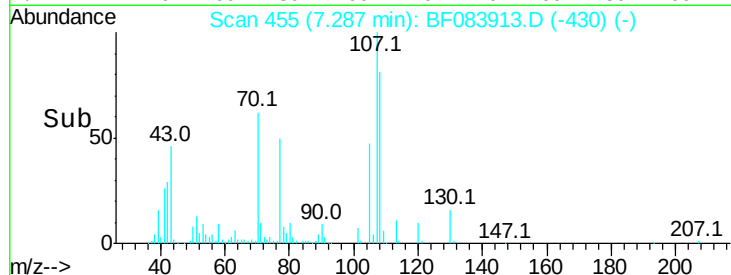
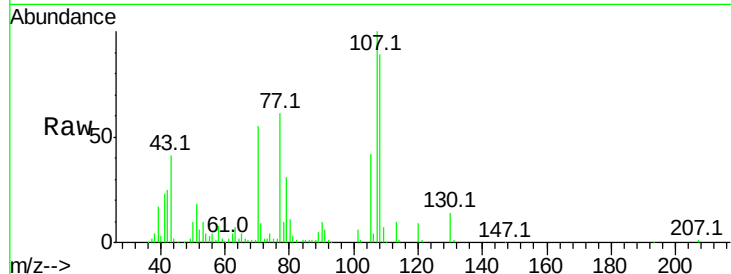
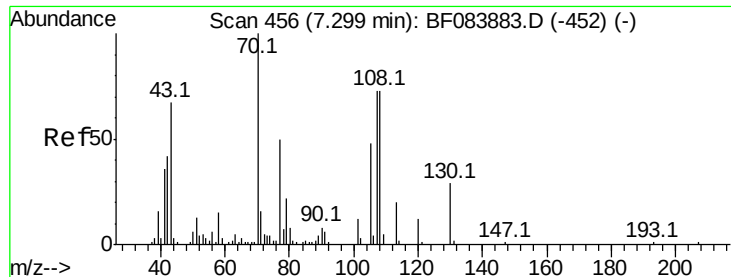
#18
Hexachloroethane
Concen: 37.01 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59498		
119	95.1	77.4	116.0	
201	82.2	68.6	103.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





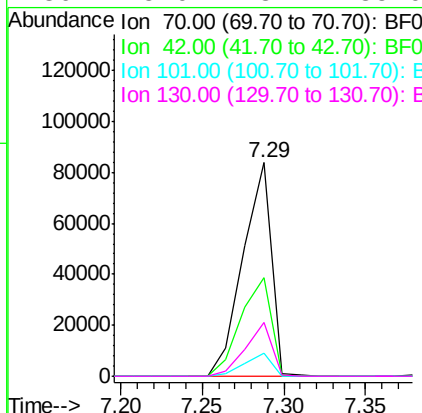
#19
n-Nitroso-di-n-propylamine
Concen: 42.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.4	33.3	49.9		
101	10.8	9.3	13.9		
130	25.0	23.4	35.0		

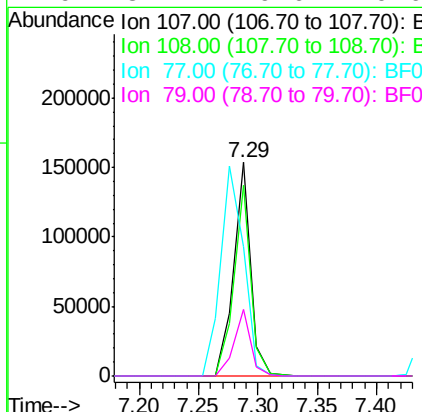
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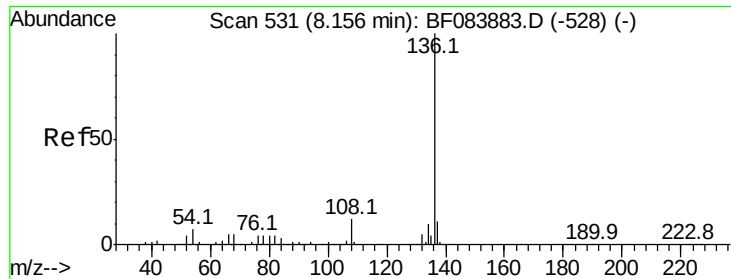
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#20
3+4-Methylphenols
Concen: 41.66 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	64.1	104.1		
77	60.6	128.9	168.9#		
79	31.2	9.6	49.6		





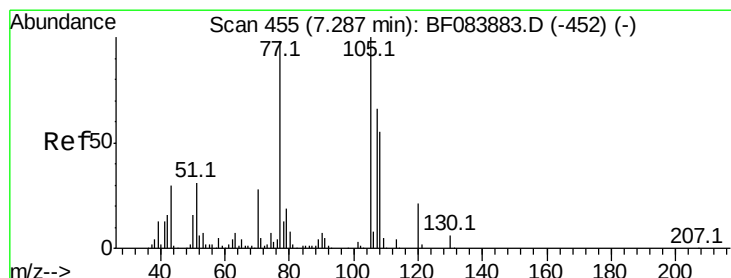
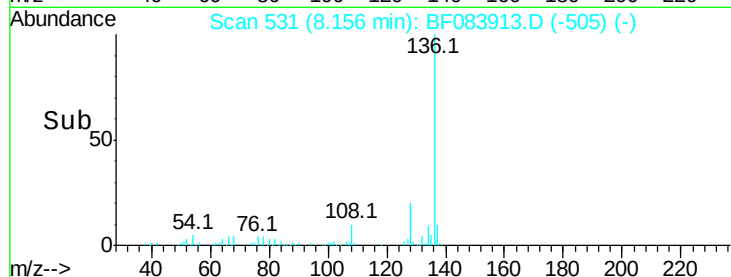
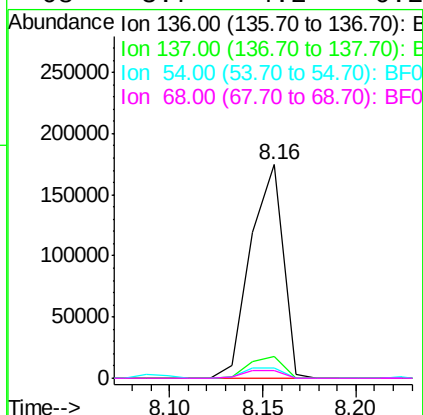
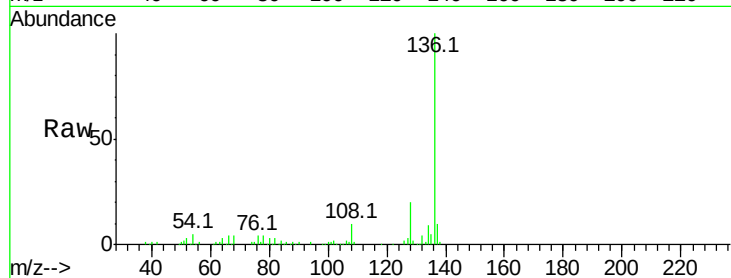
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210564		
137	10.4	8.7	13.1	
54	4.6	5.8	8.8#	
68	3.7	4.2	6.2#	

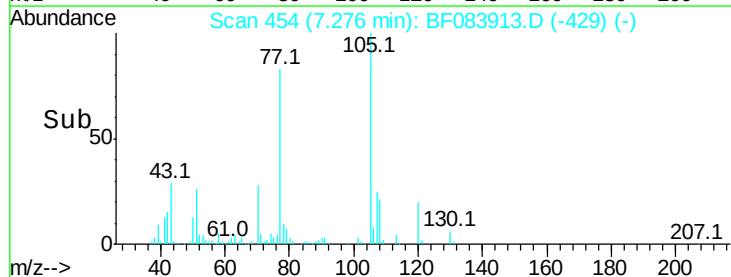
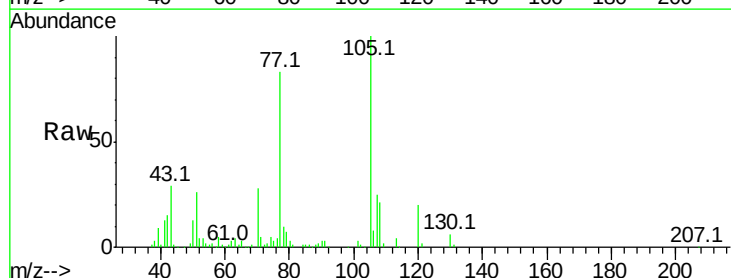
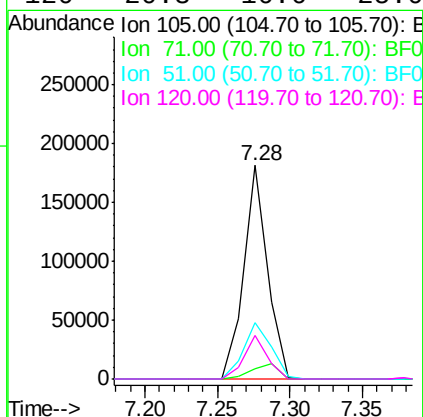
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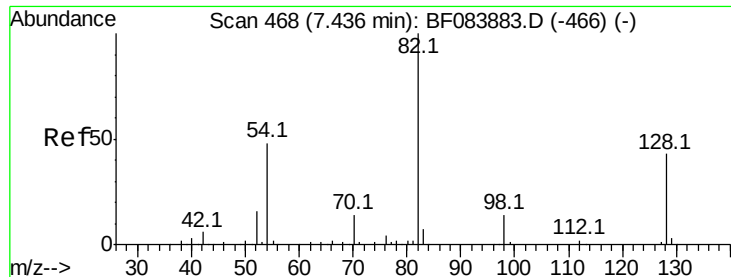
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#22
Acetophenone
Concen: 40.49 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205260		
71	4.9	3.7	5.5	
51	26.4	25.1	37.7	
120	20.3	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 86.88 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

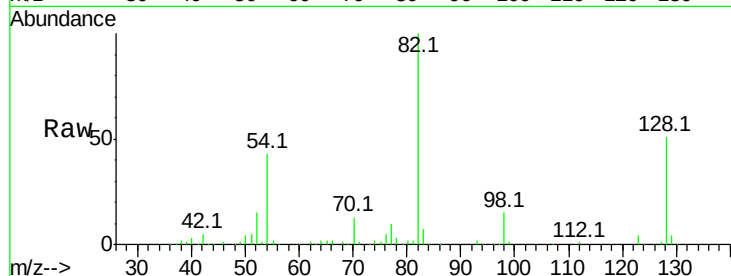
ClientSampleId :

PB87340BS

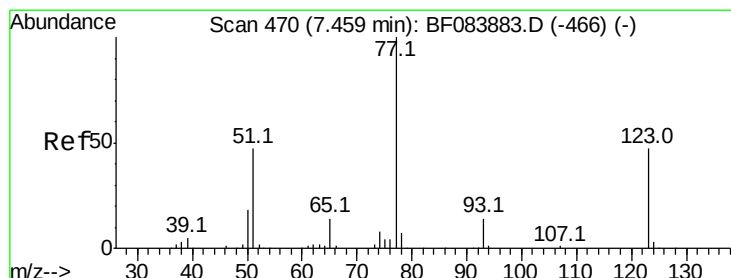
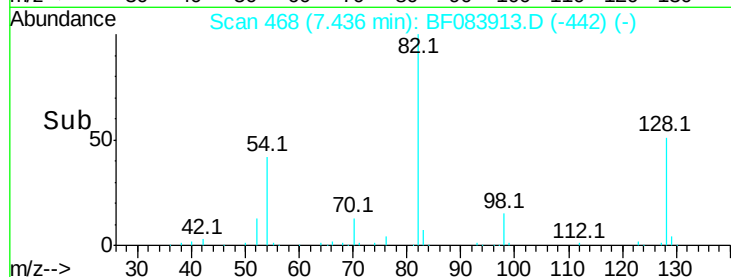
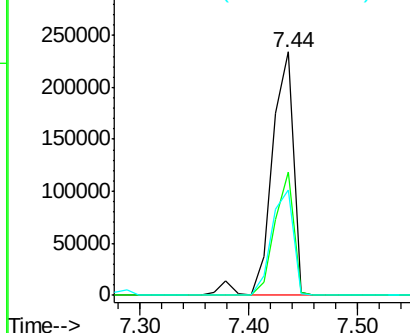
Tot Ion:	82	Resp:	320545
Ion Ratio	Lower	Upper	
82	100		
128	50.6	34.6	51.8
54	43.1	38.4	57.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.03 ng

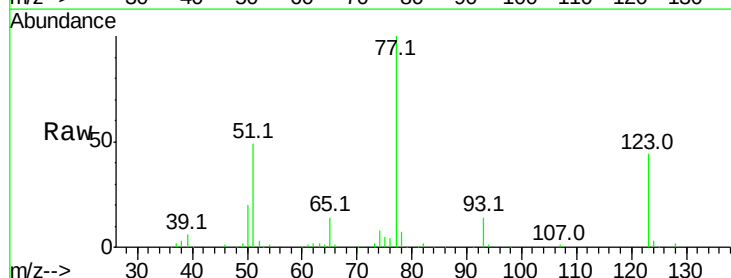
RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

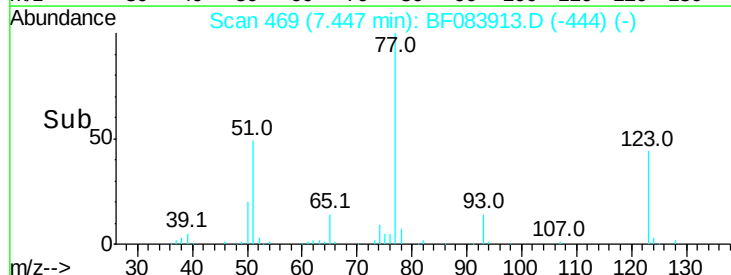
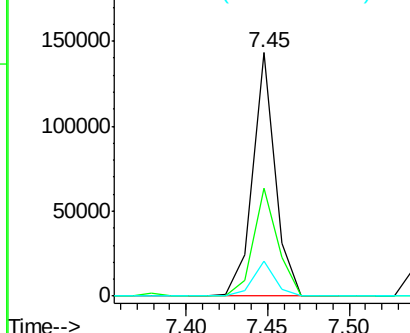
Lab File: BF083913.D

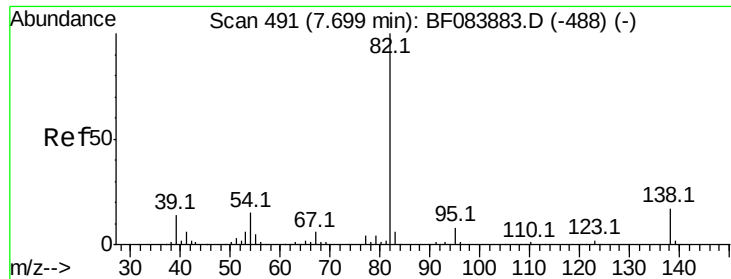
Acq: 18 Dec 2015 15:21

Tgt Ion:	77	Resp:	137454
Ion Ratio	Lower	Upper	
77	100		
123	44.3	37.4	56.2
65	14.2	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.16 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

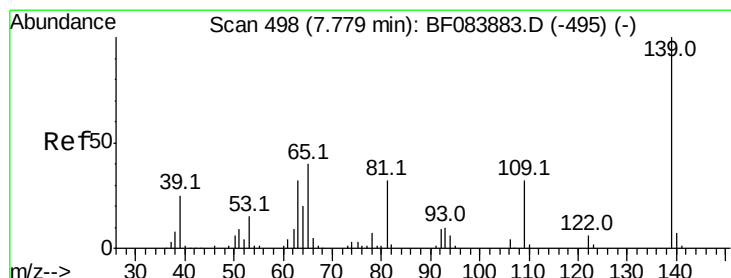
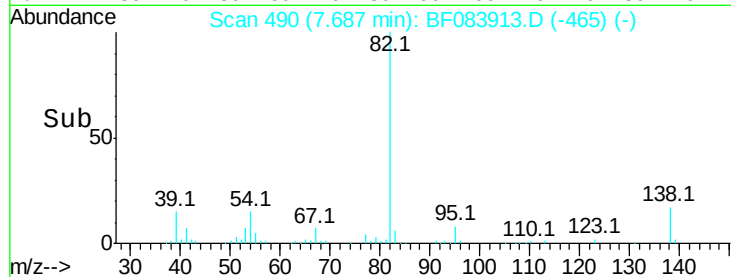
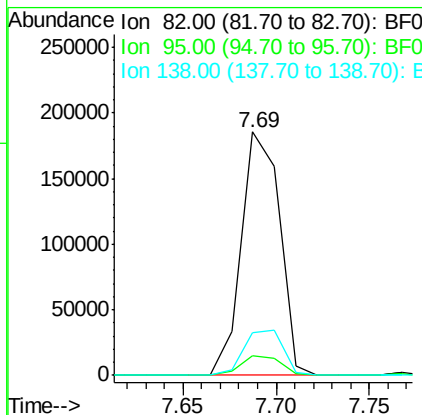
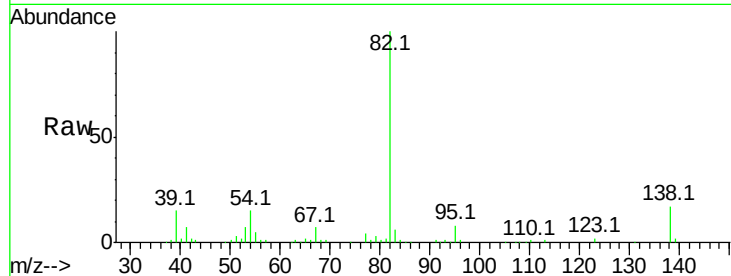
ClientSampleId :

PB87340BS

Tot Ion:	82	Resp:	264888
Ion Ratio		Lower	Upper
82	100		
95	8.3	6.6	10.0
138	17.3	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.02 ng

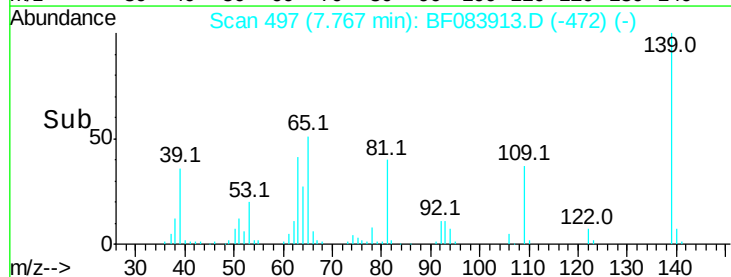
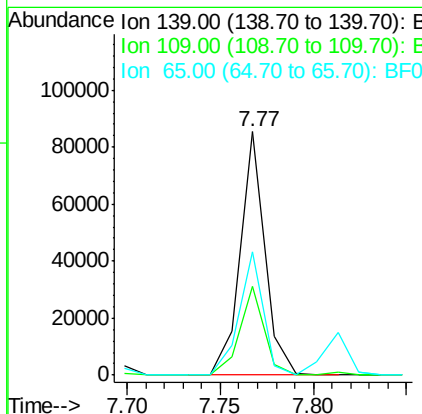
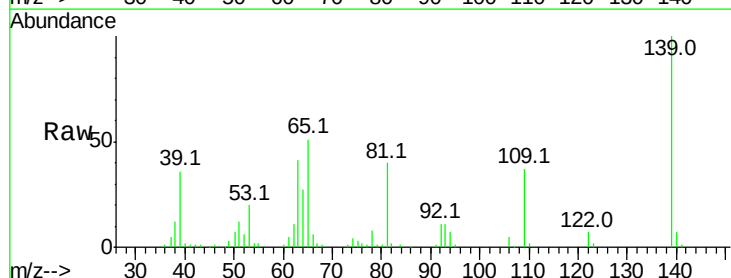
RT: 7.77 min Scan# 497

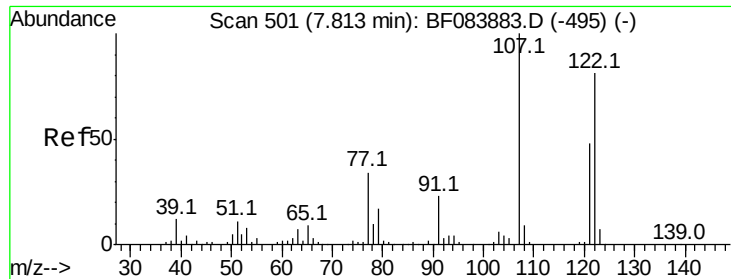
Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	139	Resp:	79040
Ion Ratio		Lower	Upper
139	100		
109	36.7	25.4	38.2
65	50.7	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 42.30 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

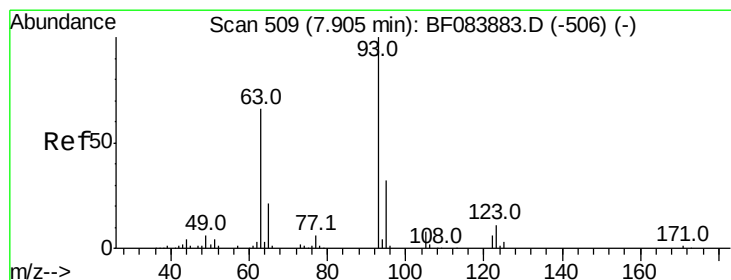
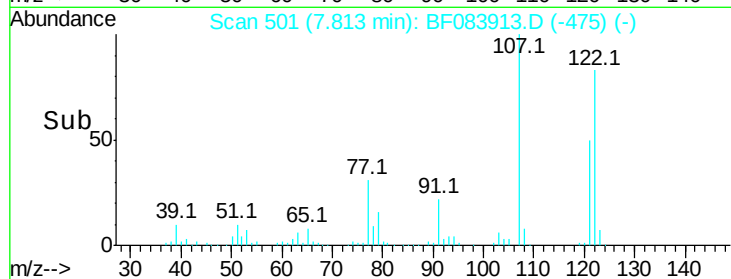
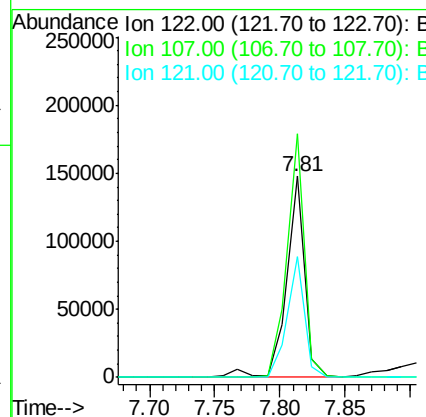
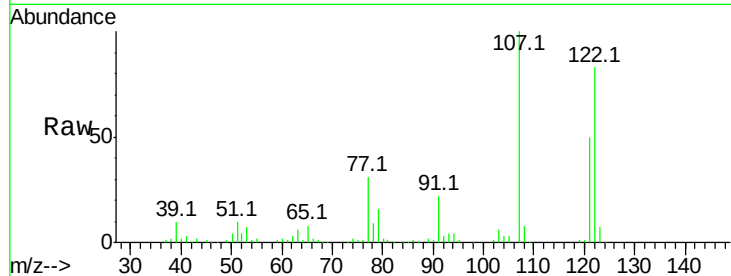
ClientSampleId :

PB87340BS

Tot Ion:	122	Resp:	143913
Ion Ratio	Lower	Upper	
122	100		
107	120.9	99.1	148.7
121	60.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.60 ng

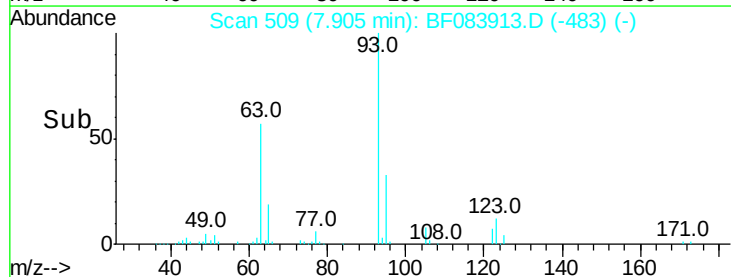
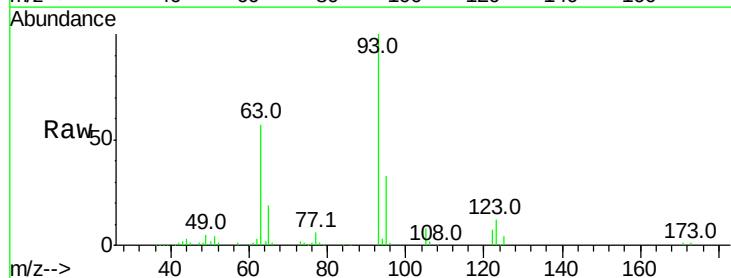
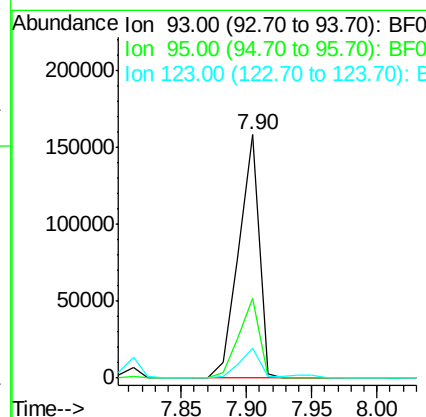
RT: 7.90 min Scan# 509

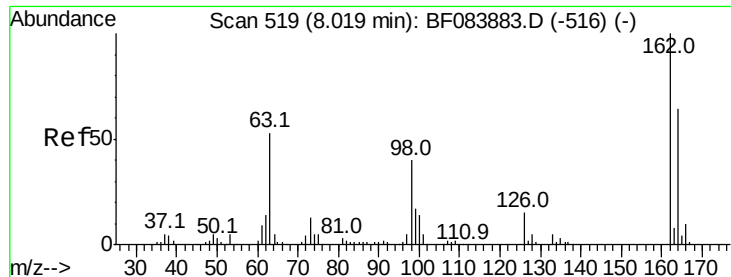
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	93	Resp:	170832
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	12.2	8.6	12.8





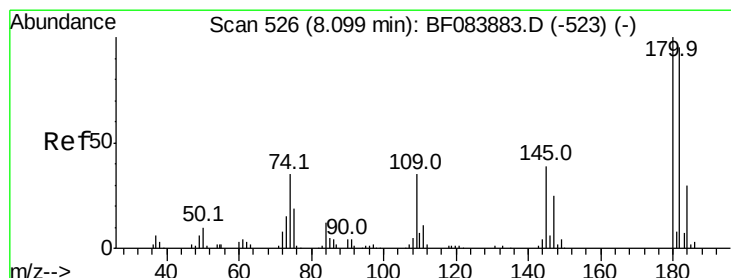
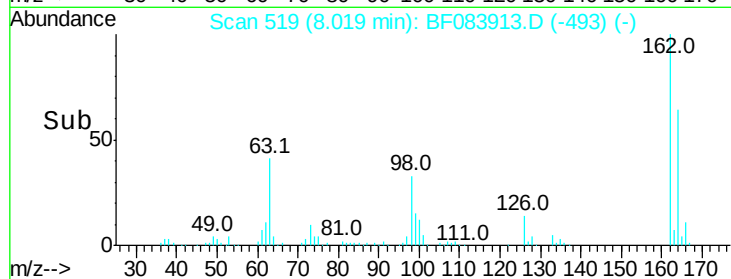
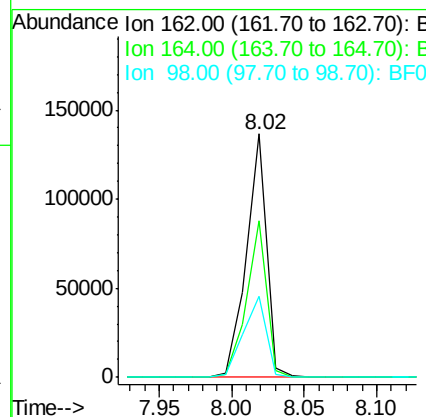
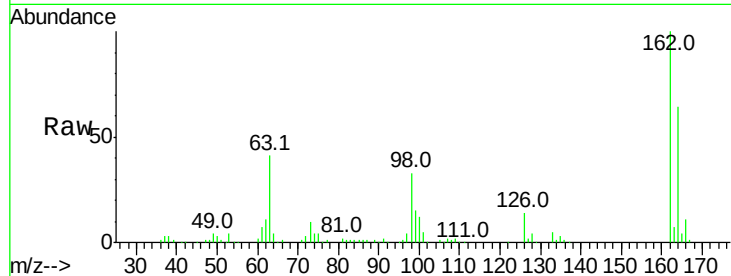
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	44.1	84.1
98	33.1	20.2	60.2

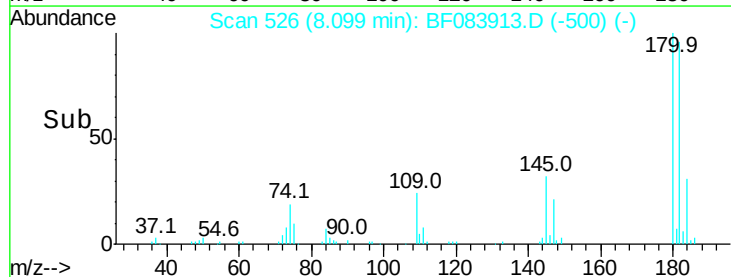
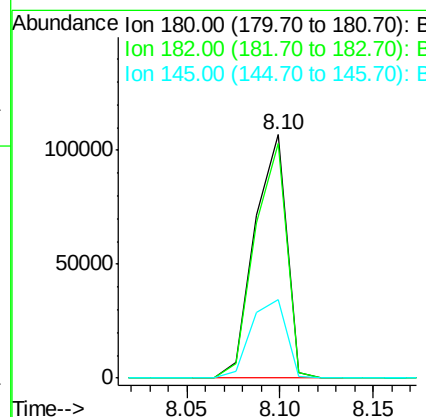
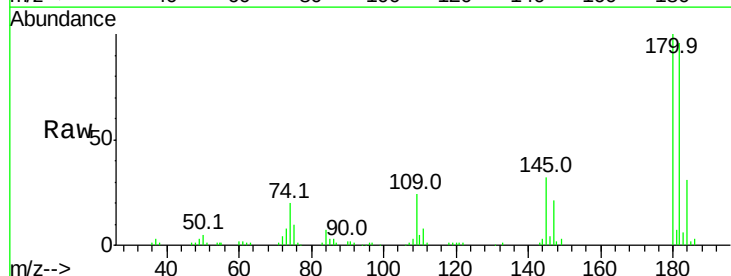
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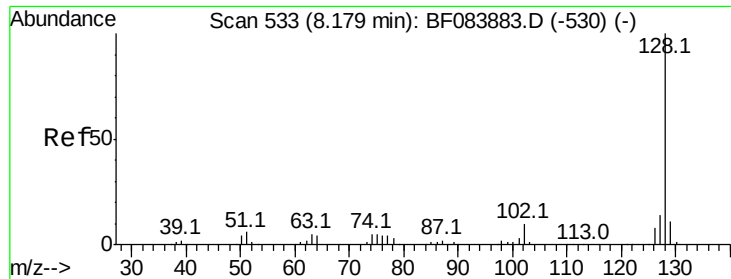
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.86 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	76.4	114.6
145	32.2	31.6	47.4





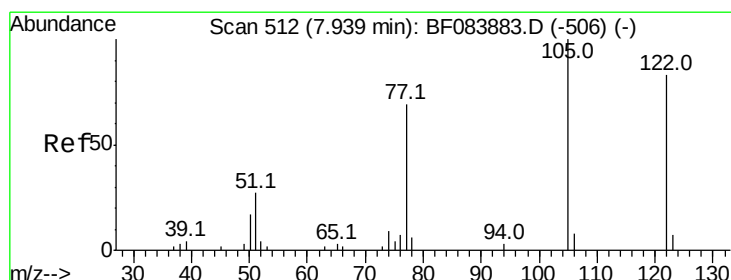
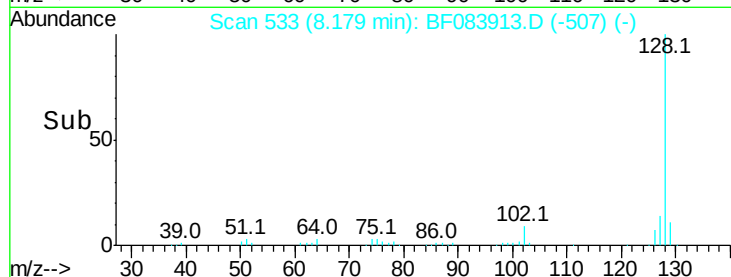
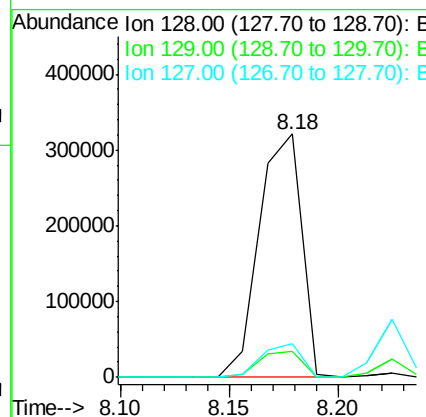
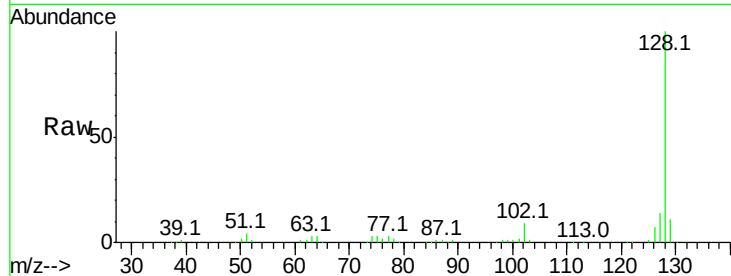
#31
Naphthalene
Concen: 41.28 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	13.6	11.1	16.7

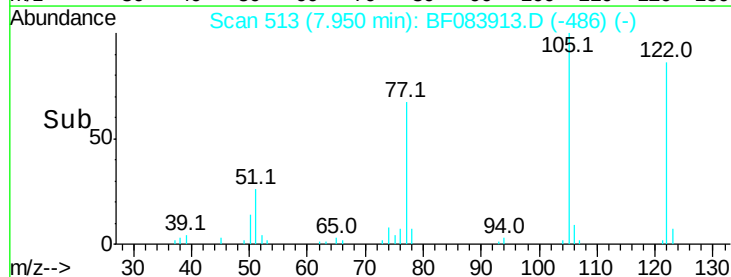
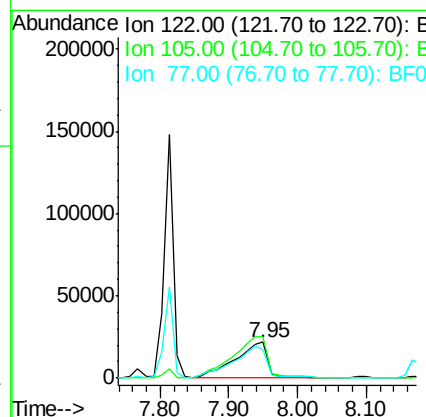
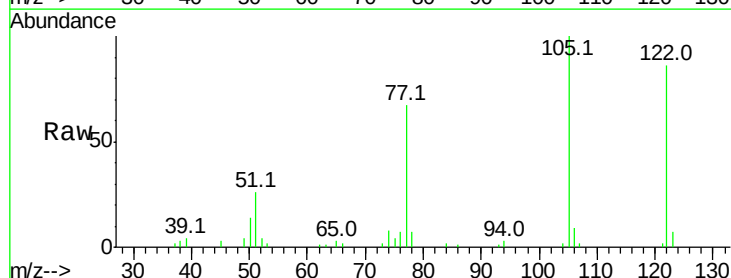
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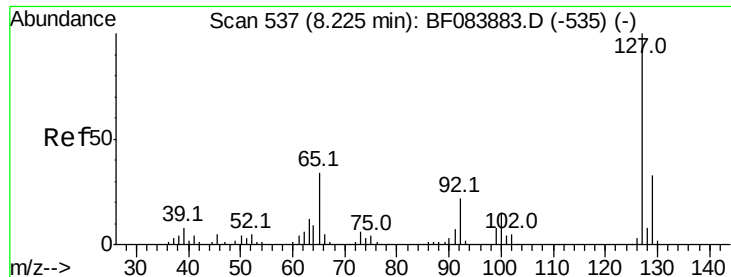
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#32
Benzoic acid
Concen: 55.79 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	100.3	140.3
77	78.2	63.5	103.5





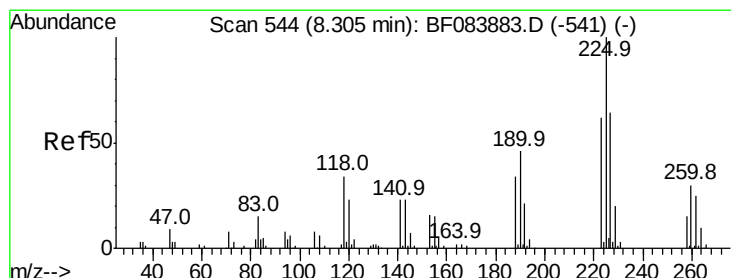
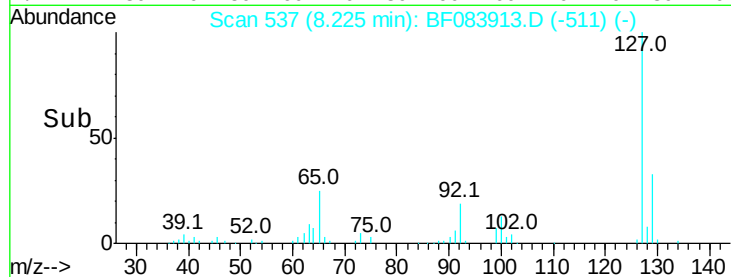
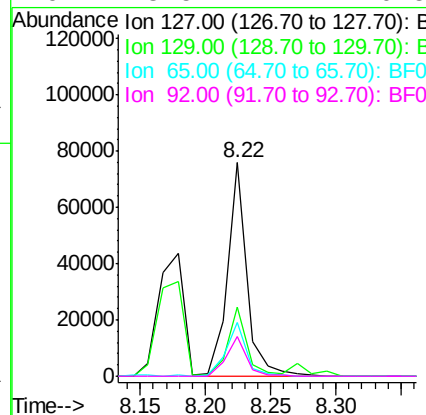
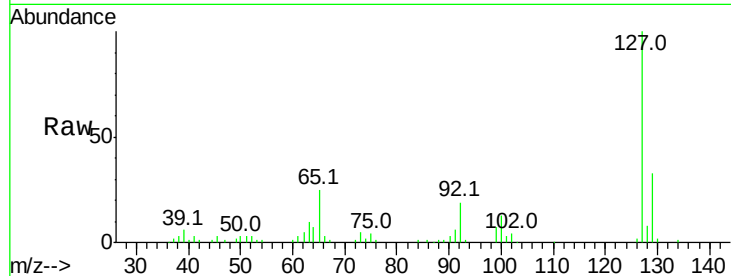
#33
4-Chloroaniline
Concen: 16.61 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.5	39.7
65	25.4	27.2	40.8
92	18.5	17.7	26.5

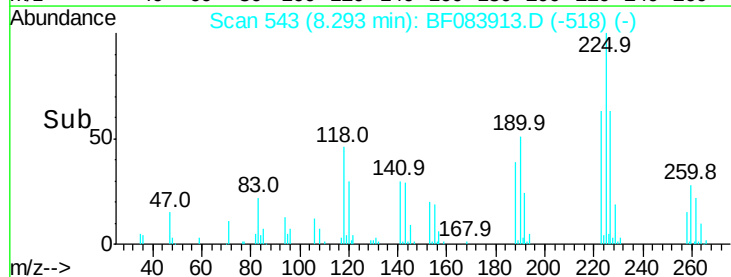
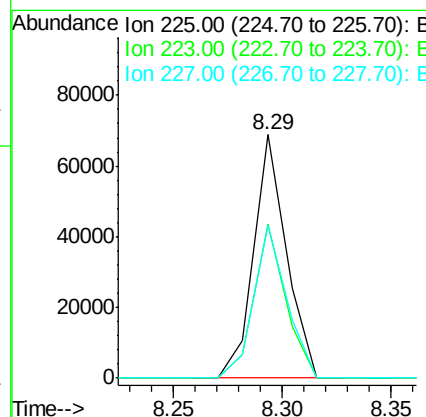
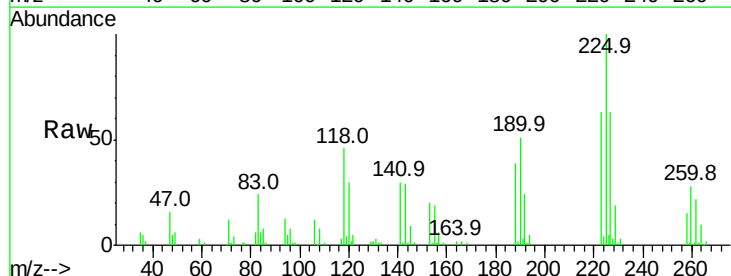
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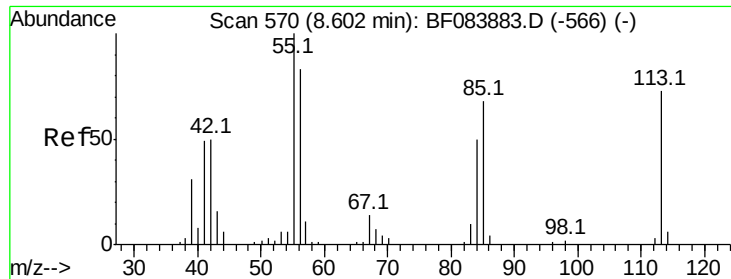
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#34
Hexachlorobutadiene
Concen: 34.71 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.2	49.4	74.0
227	62.7	50.8	76.2





#35

Caprolactam

Concen: 40.05 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF083913.D

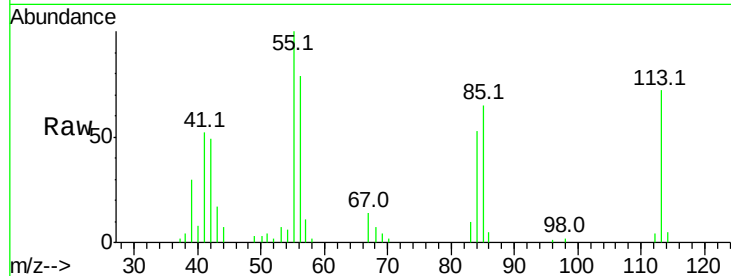
Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

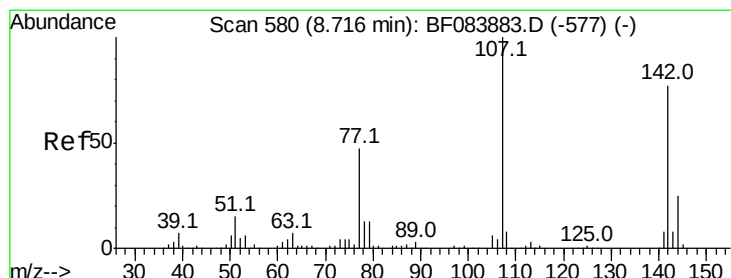
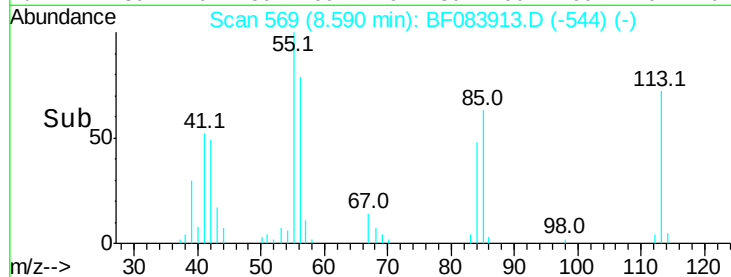
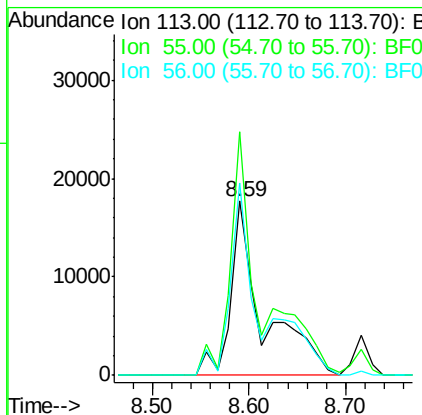
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Tot Ion:	113	Resp:	40847
Ion Ratio	Lower	Upper	
113	100		
55	139.6	116.9	156.9
56	110.4	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 40.74 ng/ml

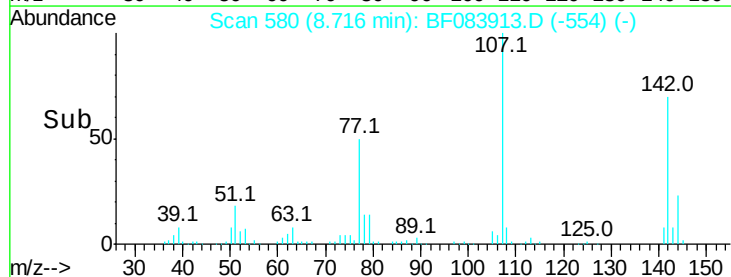
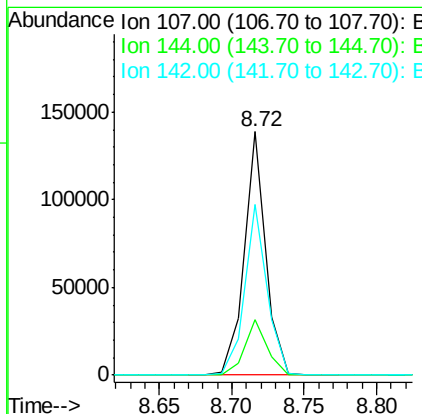
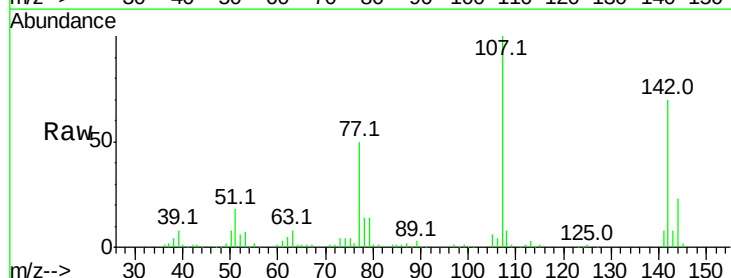
RT: 8.72 min Scan# 580

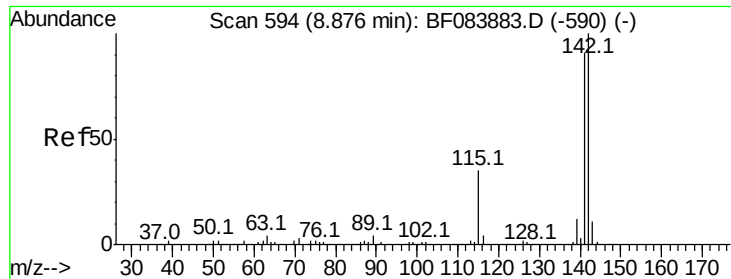
Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	107	Resp:	142507
Ion Ratio	Lower	Upper	
107	100		
144	22.7	19.7	29.5
142	70.4	61.8	92.6





#37

2-Methylnaphthalene

Concen: 40.08 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

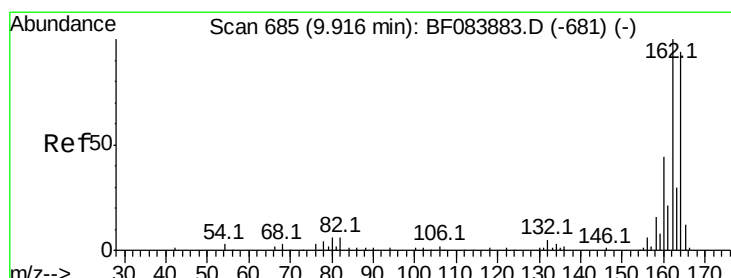
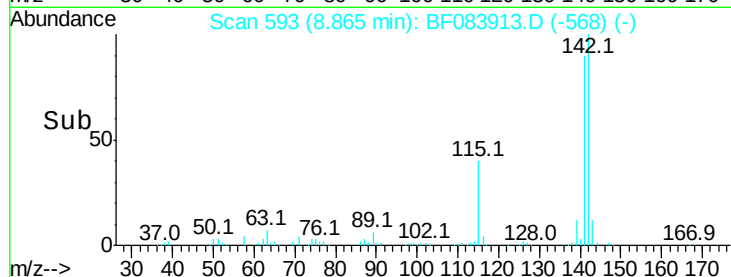
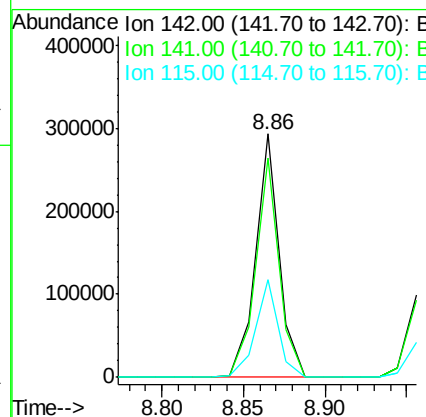
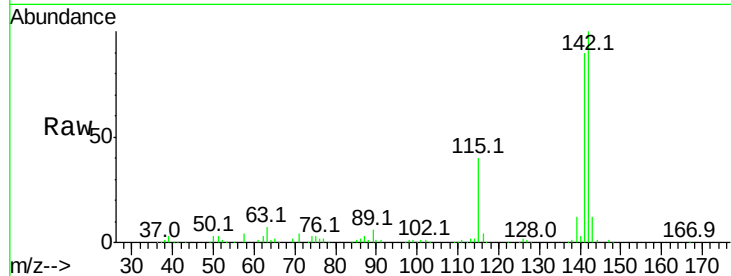
ClientSampleId :

PB87340BS

Tot Ion:	142	Resp:	293350
Ion Ratio	Lower	Upper	
142	100		
141	90.2	72.4	108.6
115	39.9	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

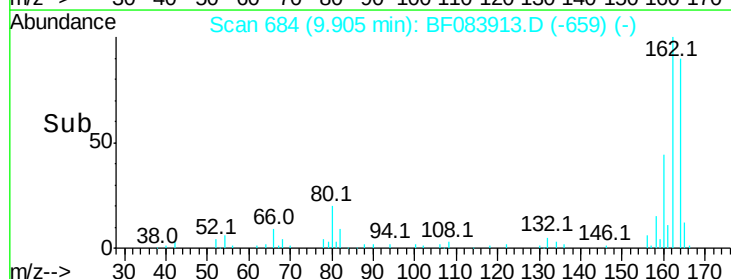
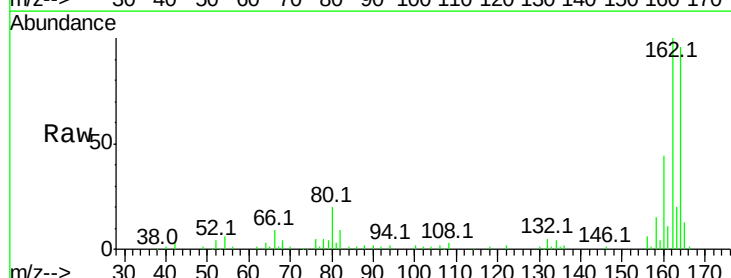
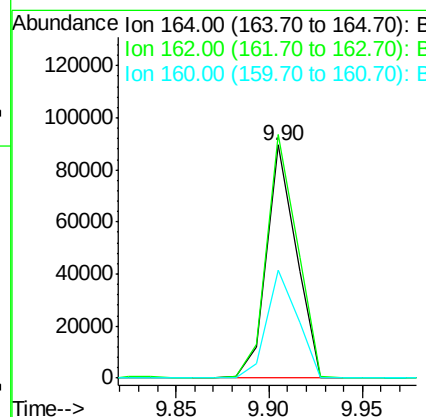
RT: 9.90 min Scan# 684

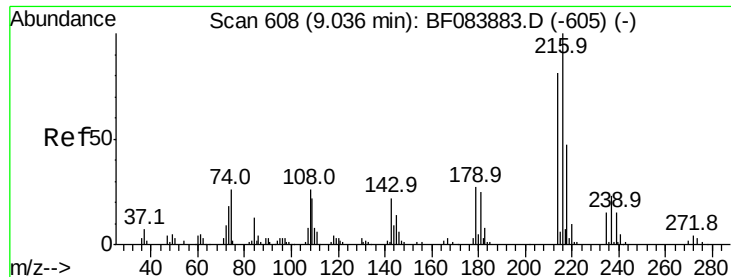
Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	164	Resp:	98452
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.1	127.7
160	46.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.10 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

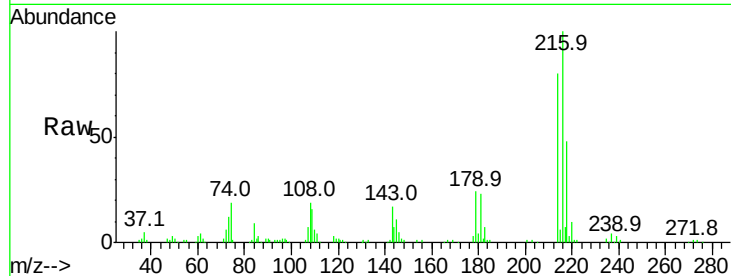
ClientSampleId :

PB87340BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	127588		
214	79.8	64.2	96.2	
179	23.9	18.7	28.1	
108	23.0	16.8	25.2	

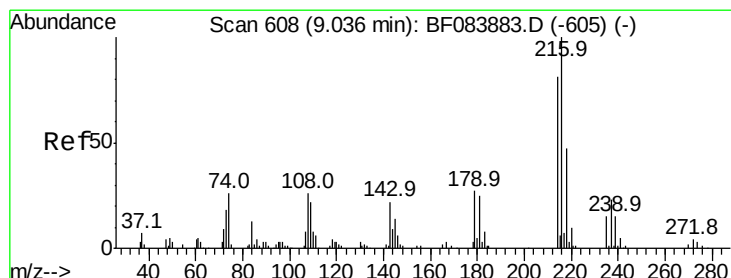
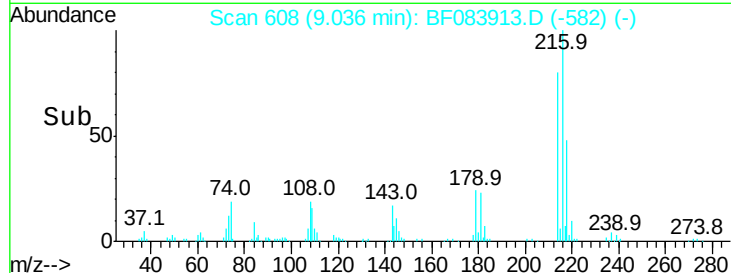
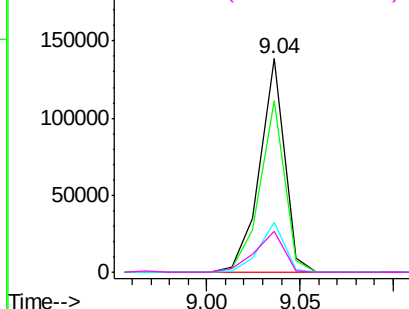


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.71 ng

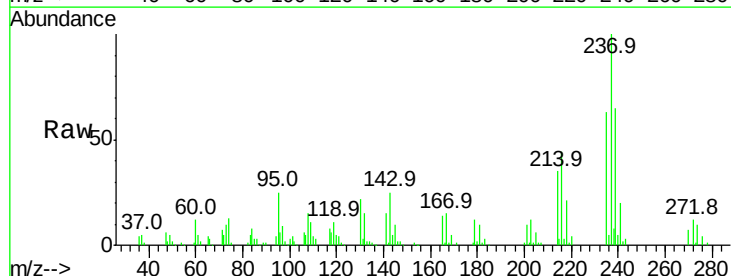
RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

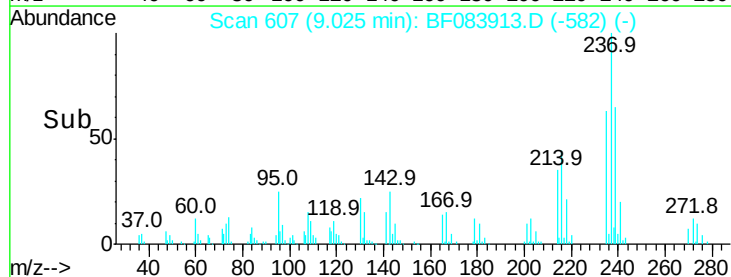
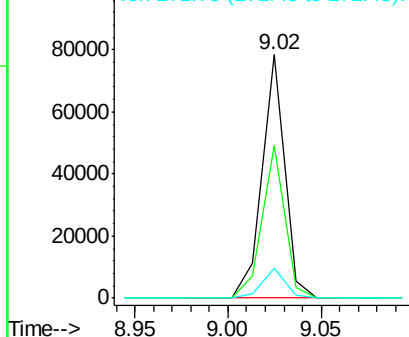
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	65539		
235	62.9	43.1	83.1	
272	12.3	0.0	35.1	

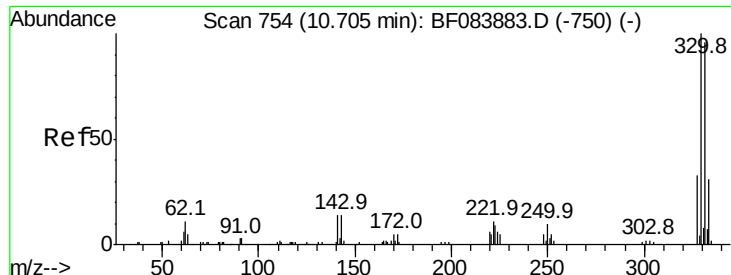


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





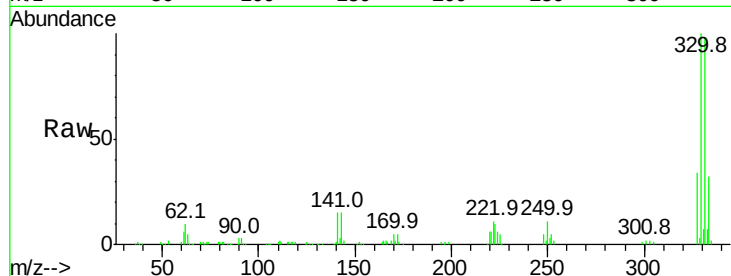
#41
 2,4,6-Tribromophenol
 Concen: 135.75 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

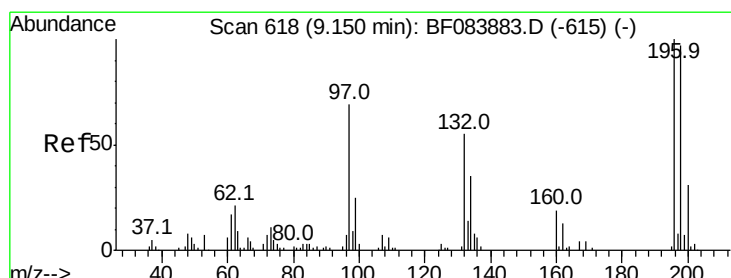
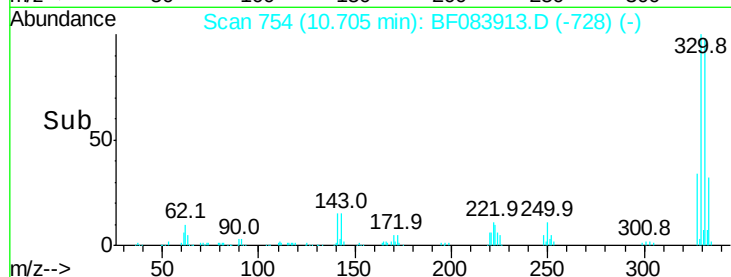
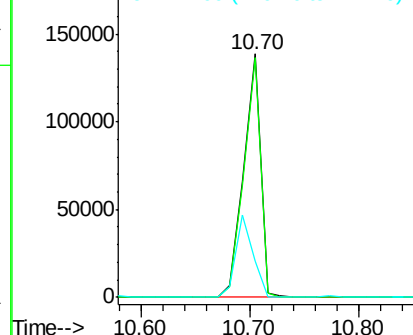
Tot Ion	Ratio	Resp	Lower	Upper
330	100	147232		
332	98.1	76.6	114.8	
141	34.7	27.8	41.6	

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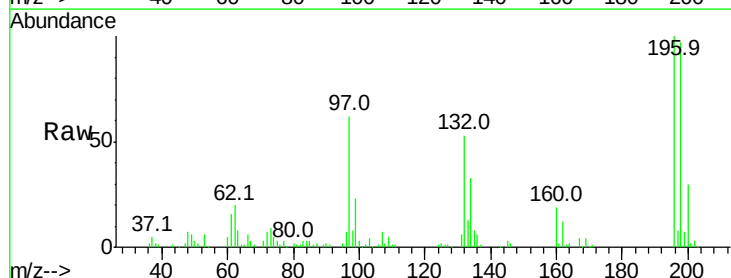


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

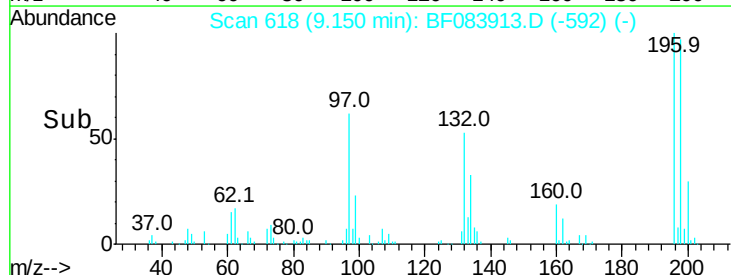
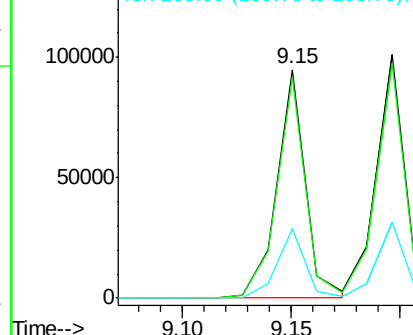


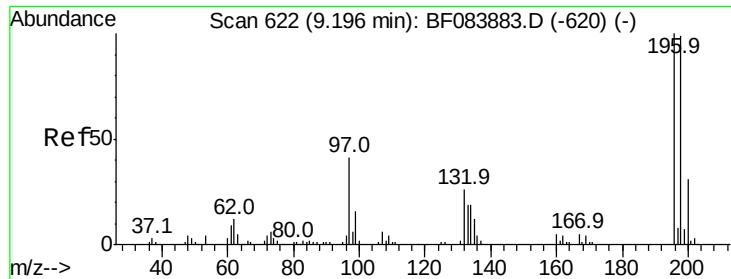
#42
 2,4,6-Trichlorophenol
 Concen: 42.88 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87896		
198	96.6	77.7	116.5	
200	30.4	24.6	37.0	



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





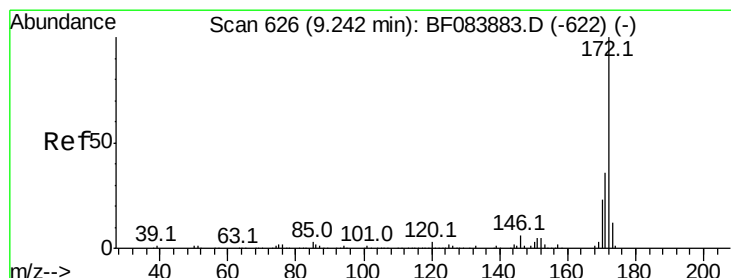
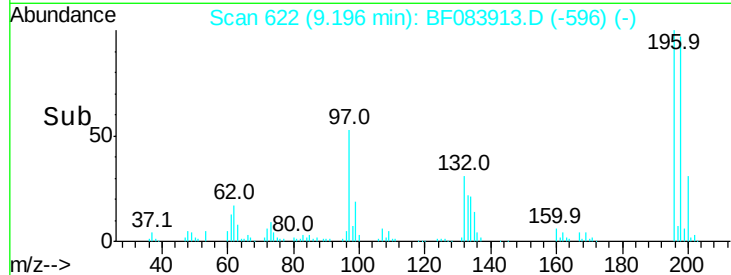
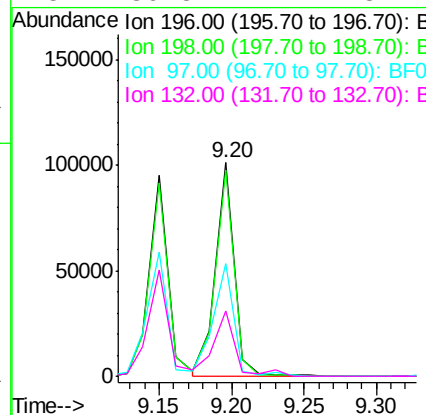
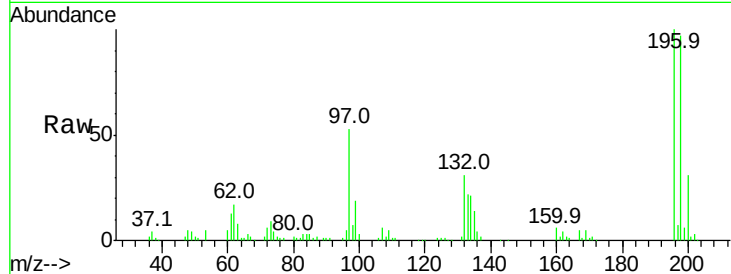
#43
 2,4,5-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tot Ion	196	Resp	91086
Ion Ratio	Lower	Upper	
196	100		
198	96.6	79.0	118.6
97	52.8	33.0	49.6#
132	30.8	21.1	31.7

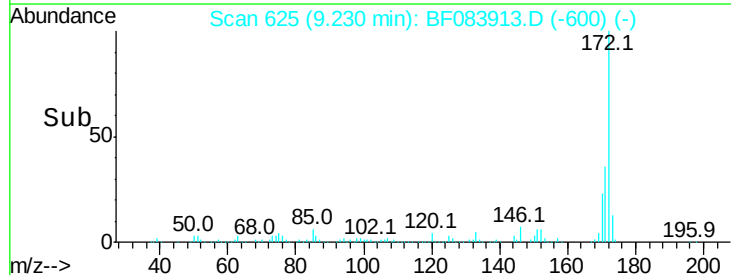
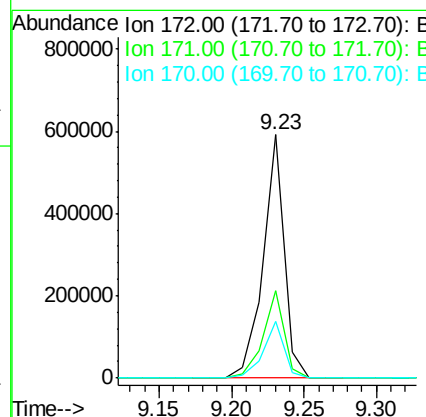
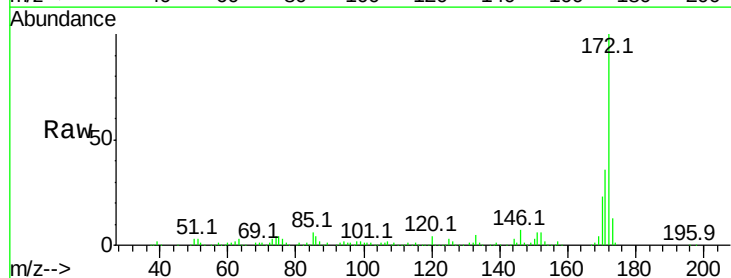
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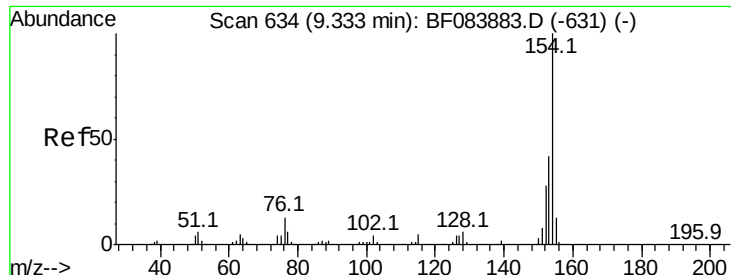
apatel
 12/22/2015 11:50:45 AM



#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	172	Resp	592494
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.9	43.3
170	23.5	18.6	27.8





#45

1,1'-Biphenyl

Concen: 46.92 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

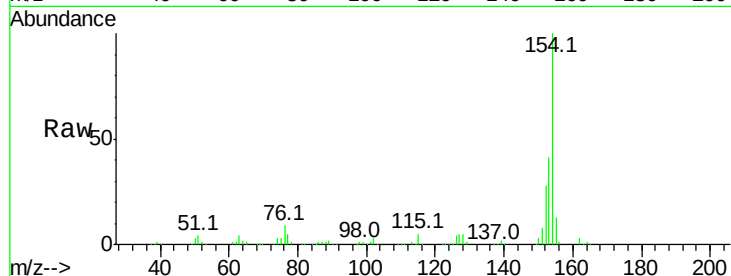
ClientSampleId :

PB87340BS

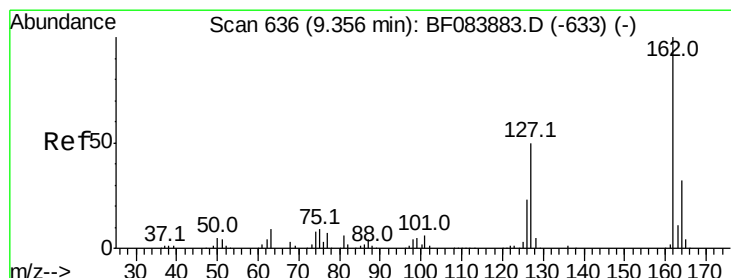
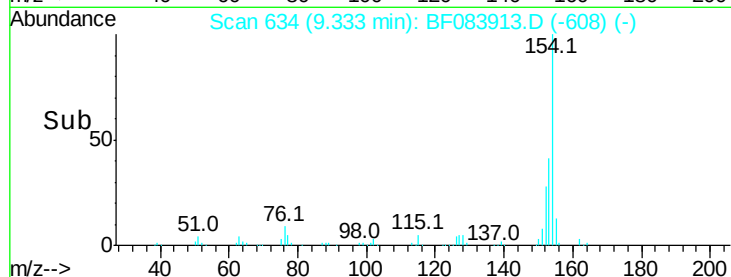
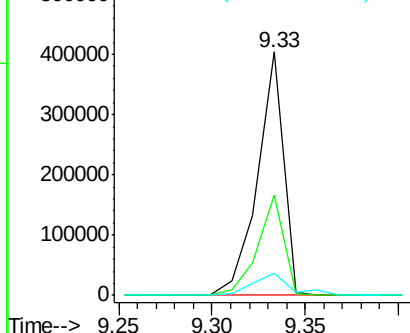
Tot Ion:	154	Resp:	387097
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.6	61.6
76	9.1	0.0	32.7

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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: 43.35 ng

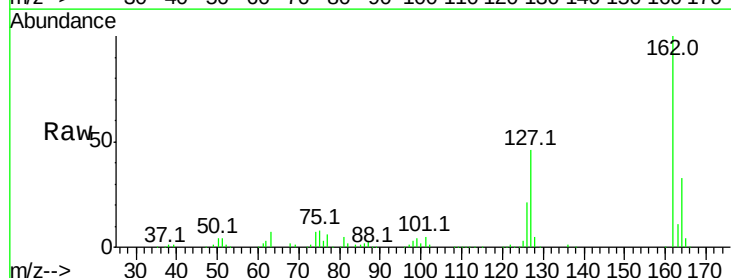
RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

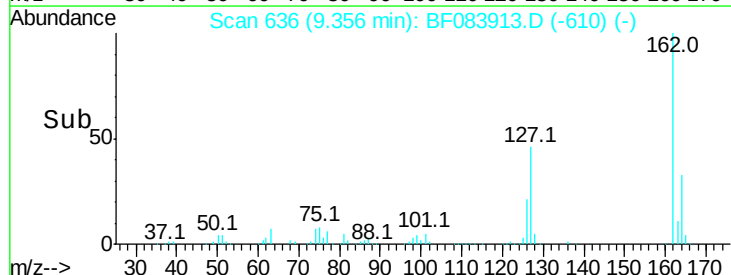
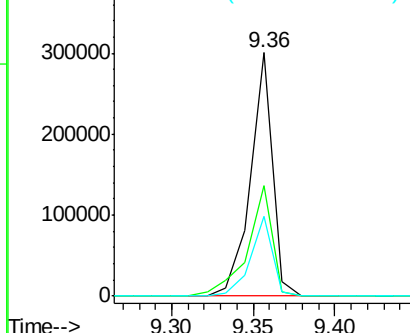
Lab File: BF083913.D

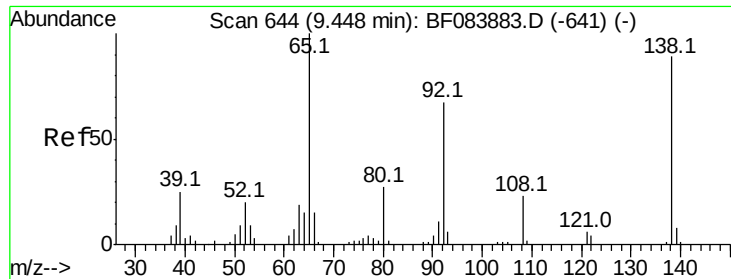
Acq: 18 Dec 2015 15:21

Tgt Ion:	162	Resp:	280859
Ion Ratio	Lower	Upper	
162	100		
127	45.6	40.2	60.4
164	32.8	25.7	38.5



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





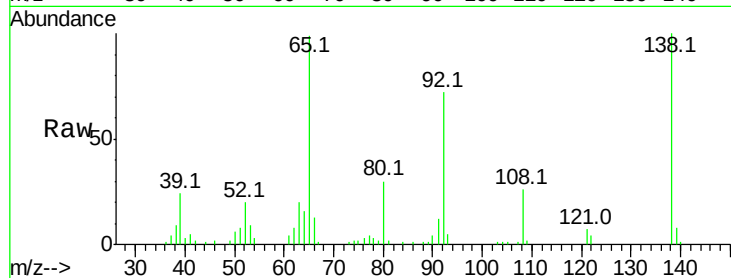
#47
2-Nitroaniline
Concen: 37.43 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.4	80.2
138	100.6	71.1	106.7

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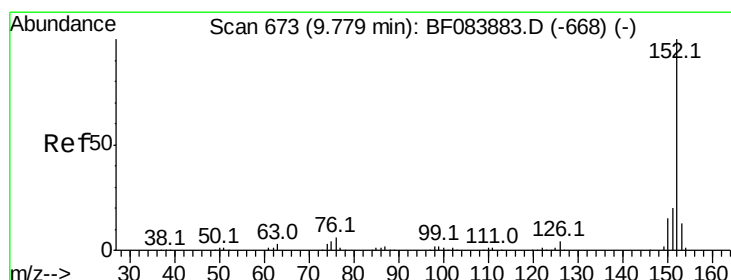
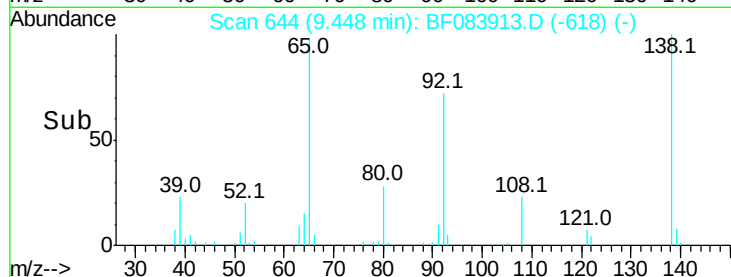
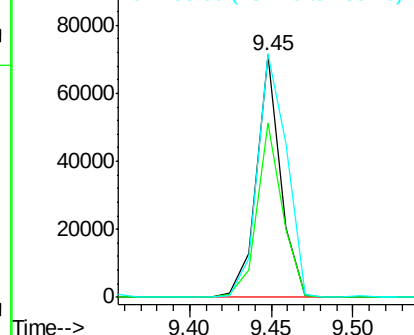


Abundance

Ion 65.00 (64.70 to 65.70): BF0

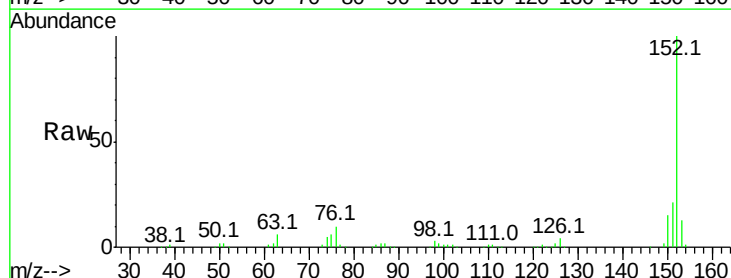
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 37.19 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.4	15.6

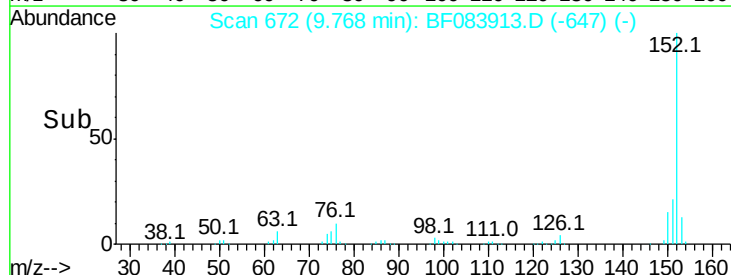
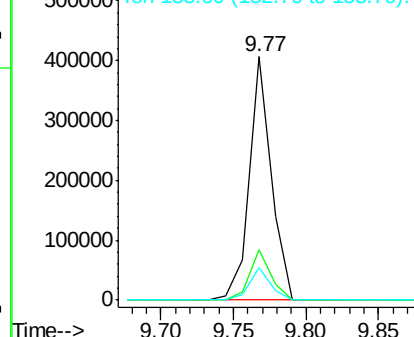


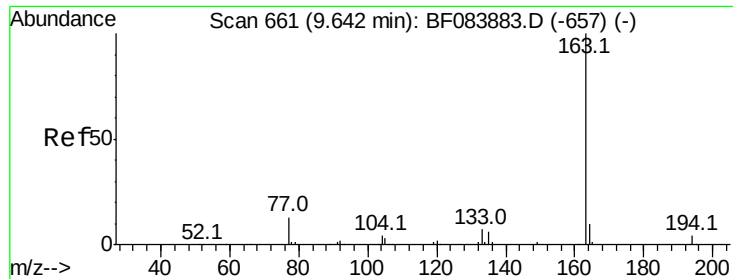
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





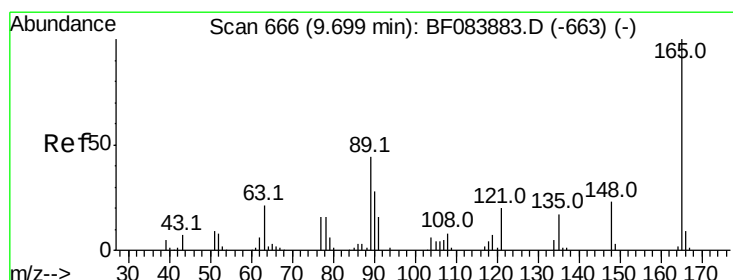
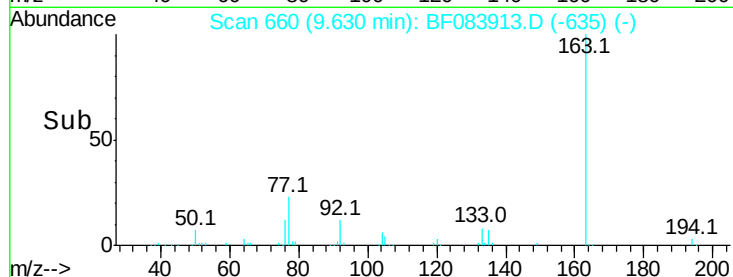
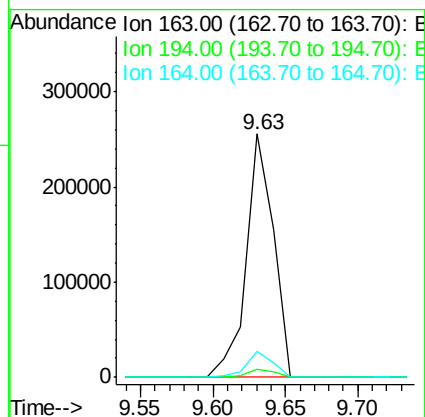
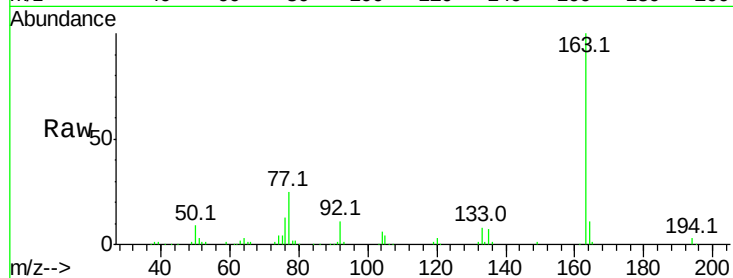
#49
Dimethylphthalate
Concen: 40.19 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.5	8.0	12.0

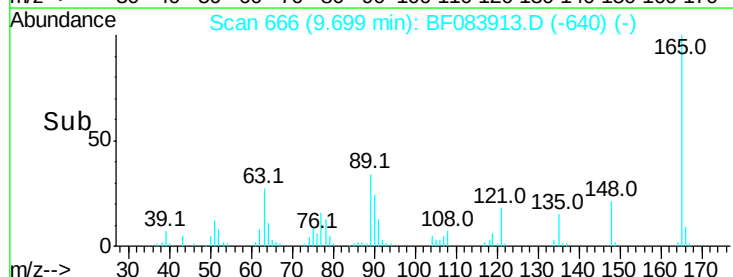
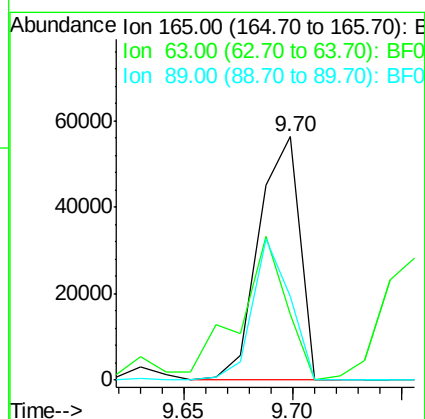
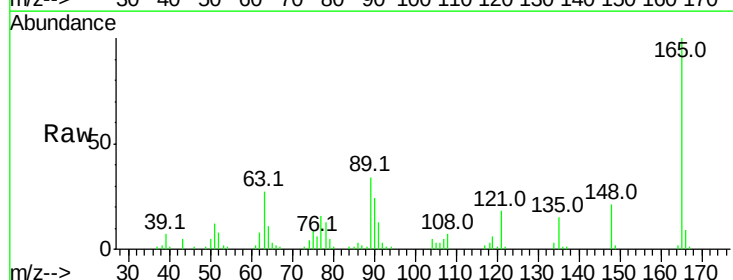
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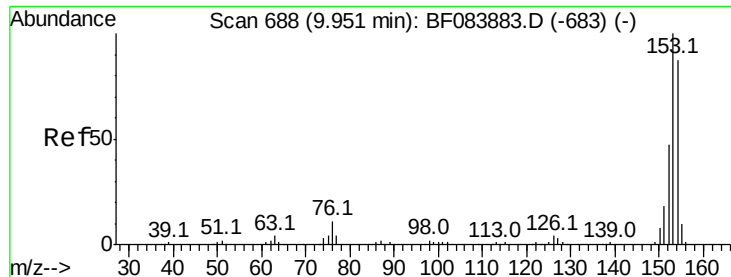
apatel
12/22/2015 11:50:45 AM



#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	26.9	28.8	43.2#
89	34.1	35.1	52.7#





#51

Acenaphthene

Concen: 42.74 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

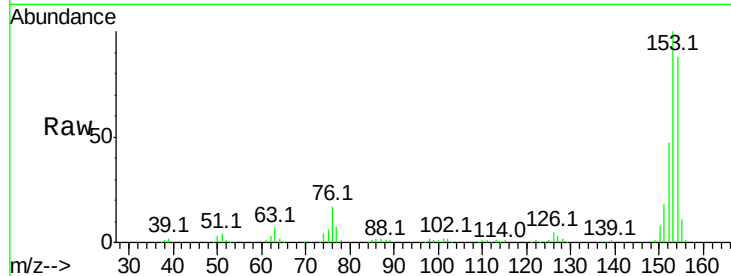
ClientSampleId :

PB87340BS

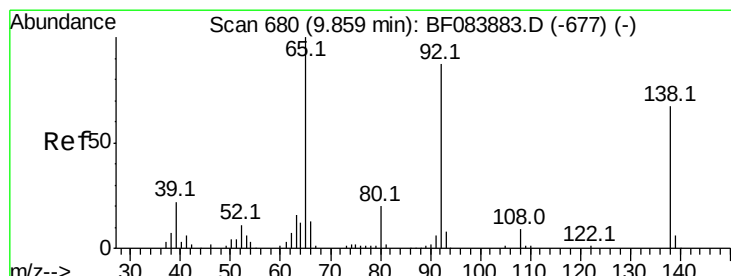
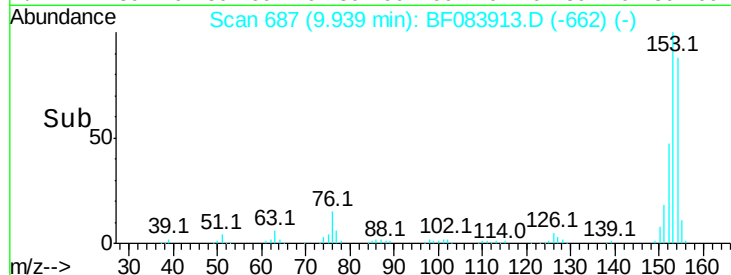
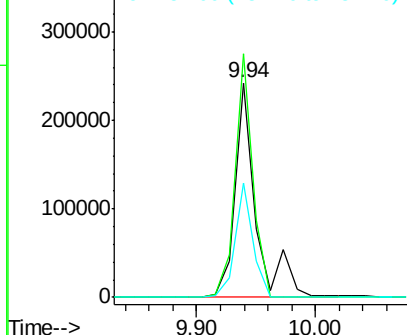
Tot Ion:	154	Resp:	301587
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.5	137.3
152	53.6	43.0	64.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.21 ng

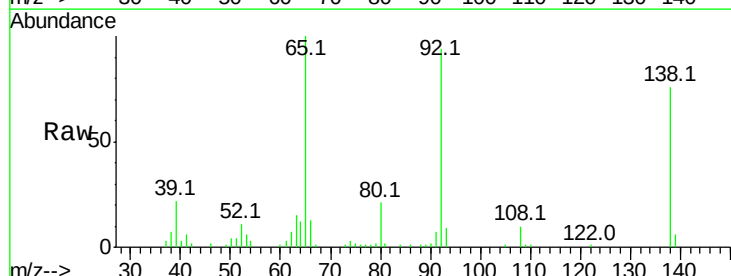
RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

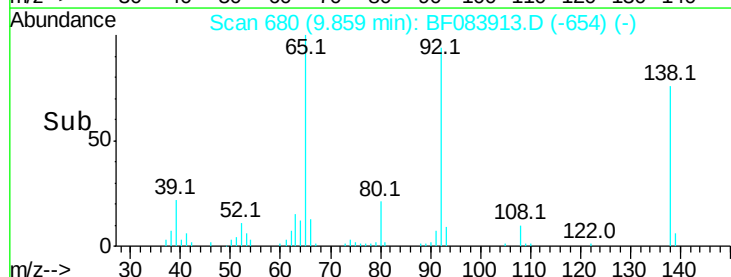
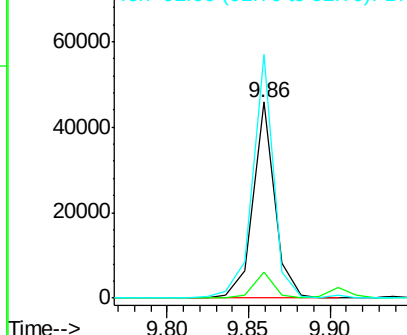
Lab File: BF083913.D

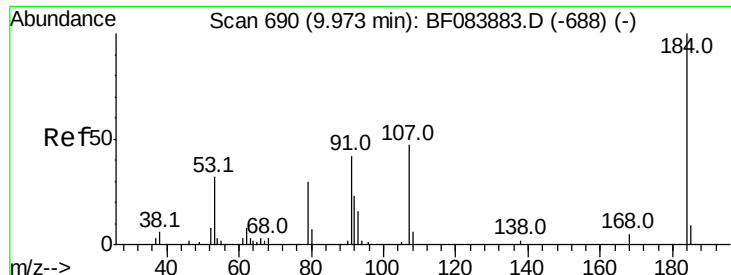
Acq: 18 Dec 2015 15:21

Tgt Ion:	138	Resp:	42178
Ion Ratio	Lower	Upper	
138	100		
108	13.1	10.5	15.7
92	124.3	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





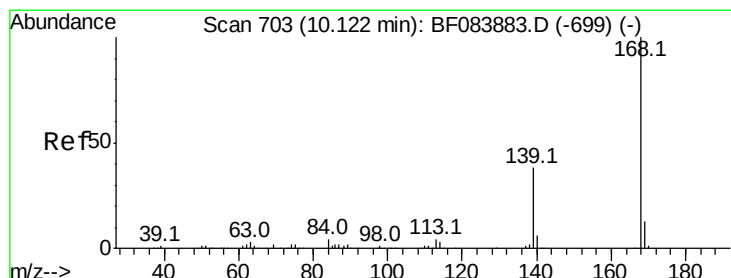
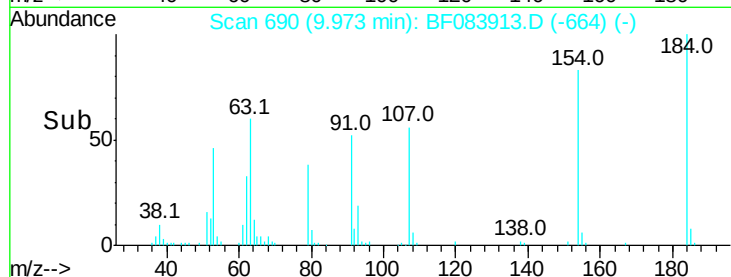
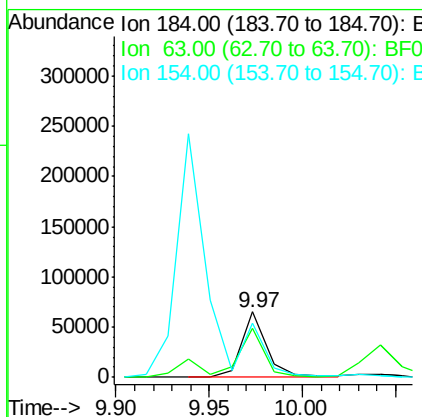
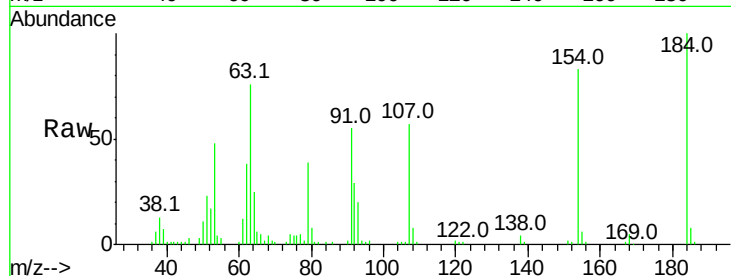
#53
 2,4-Dinitrophenol
 Concen: 94.56 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleID :
 PB87340BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.3	43.1	64.7#
154	82.8	60.5	90.7

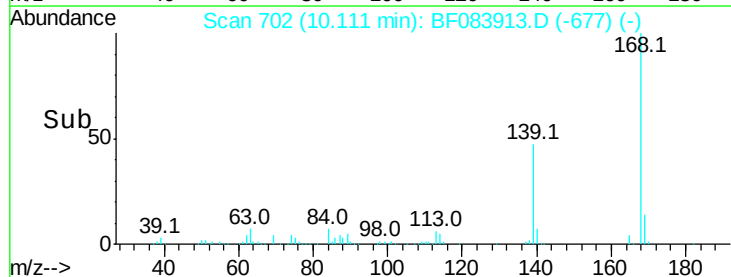
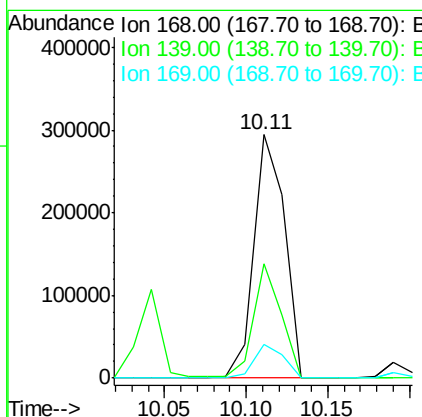
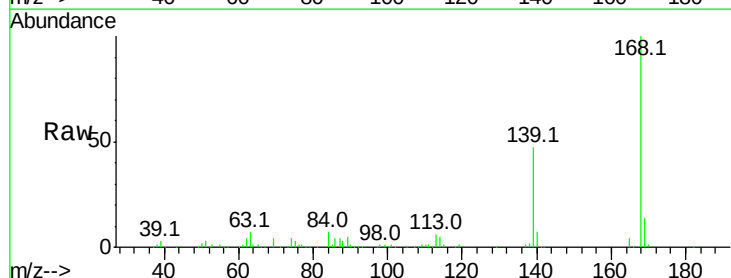
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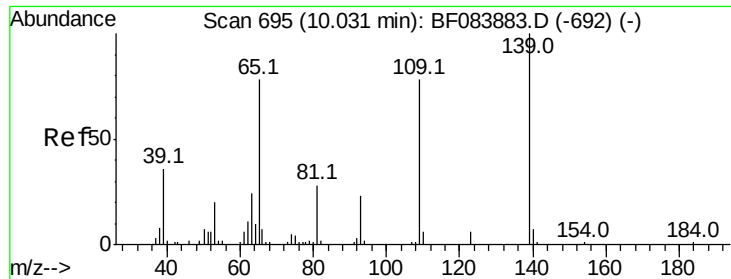
apatel
 12/22/2015 11:50:45 AM



#54
 Dibenzofuran
 Concen: 41.96 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	47.1	30.5	45.7#
169	13.7	10.4	15.6





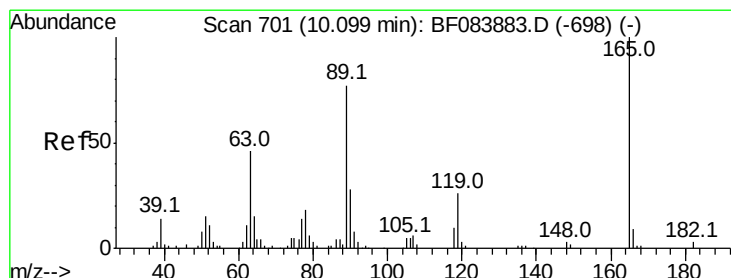
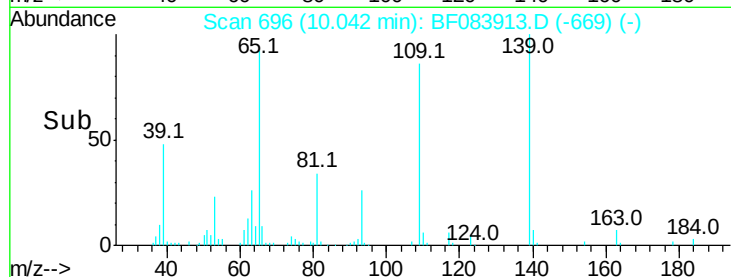
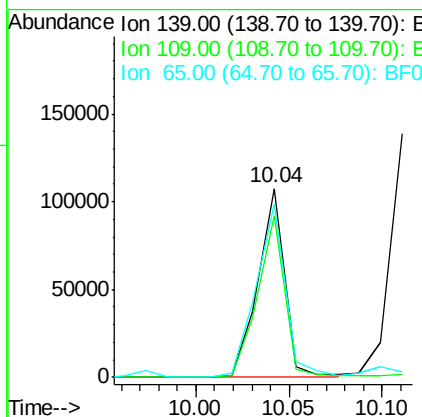
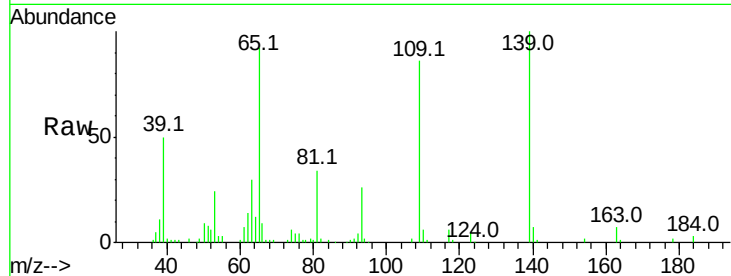
#55
4-Nitrophenol
Concen: 89.59 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	106244		
109	85.8	58.5	98.5	
65	92.2	57.6	97.6	

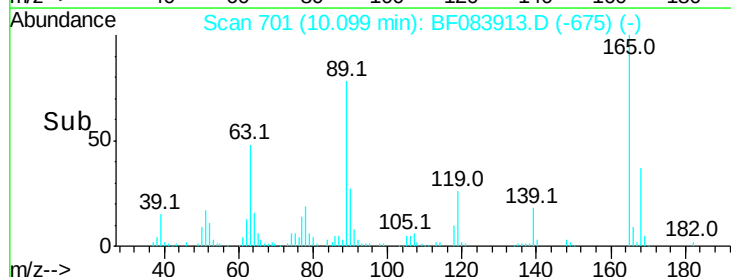
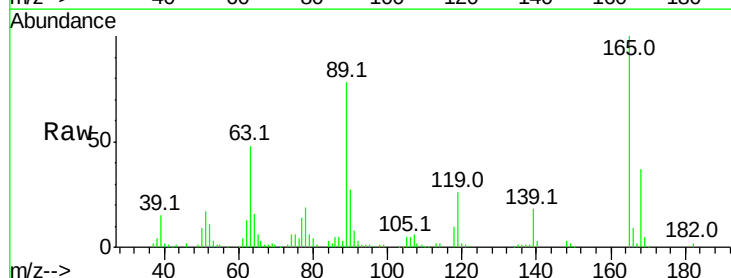
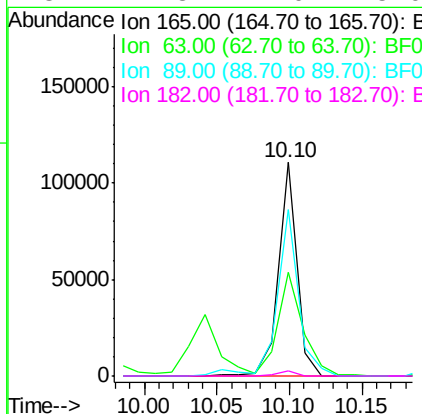
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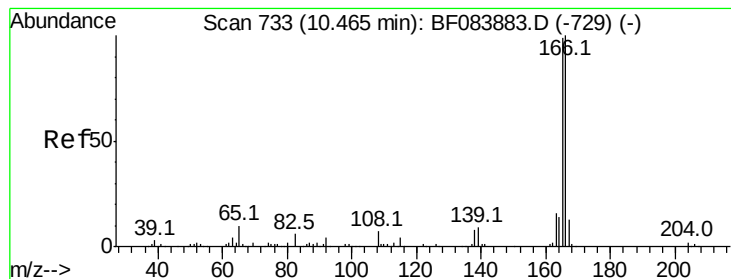
apatel
12/22/2015 11:50:45 AM



#56
2,4-Dinitrotoluene
Concen: 42.32 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97754		
63	48.4	36.7	55.1	
89	77.9	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 43.23 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

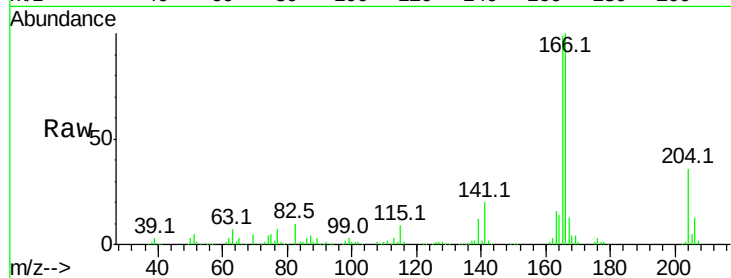
ClientSampleId :

PB87340BS

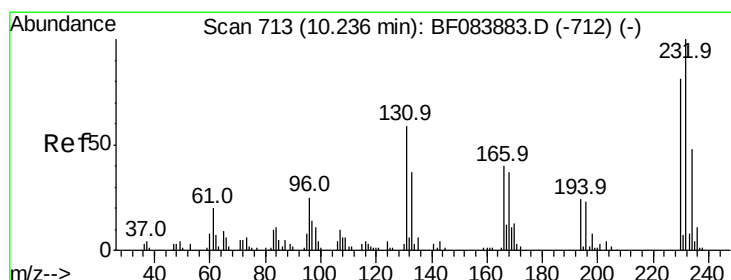
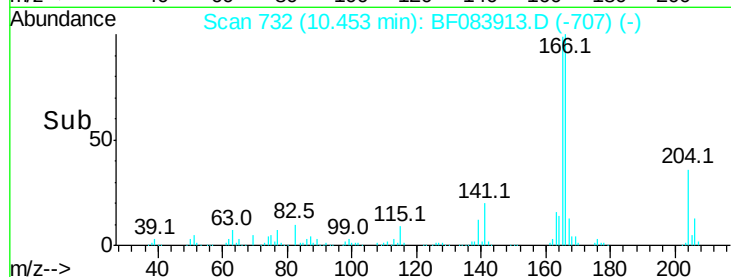
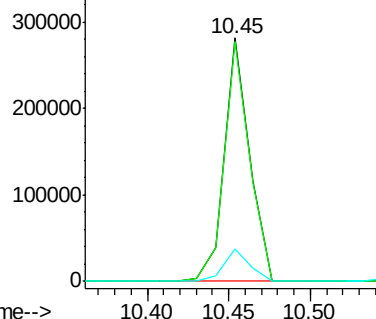
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.1	118.7	
167	13.3	10.4	15.6	

Manual Integrations
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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: 46.93 ng m

RT: 10.24 min Scan# 713

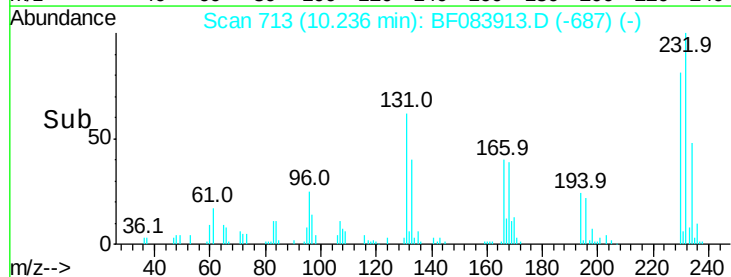
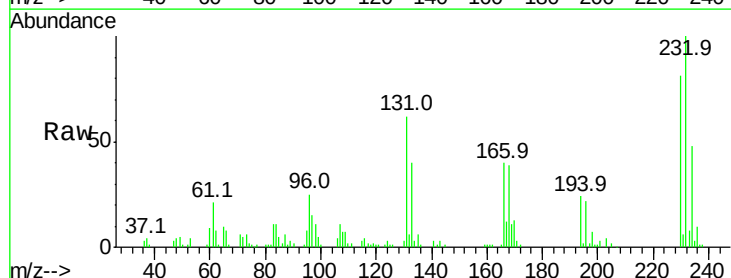
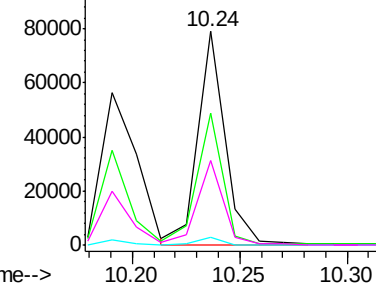
Delta R.T. -0.00 min

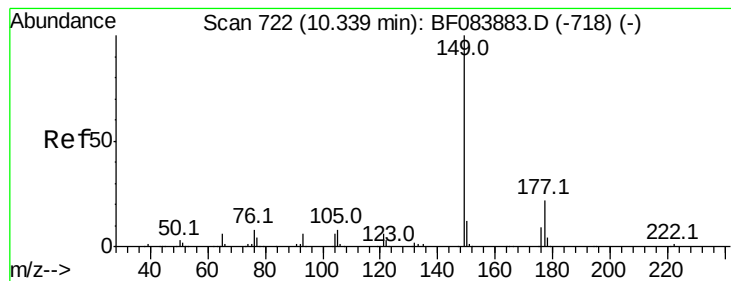
Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.7	47.0	70.6#	
130	2.5	2.0	3.0	
166	28.3	30.5	45.7#	

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: 39.87 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

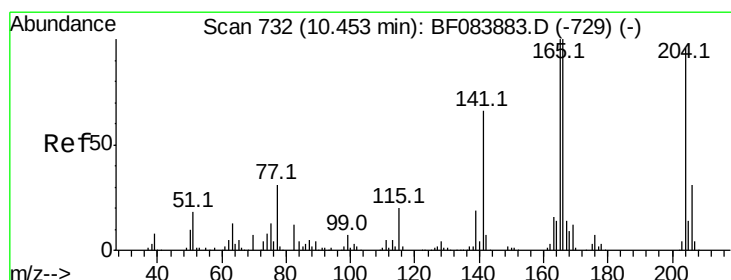
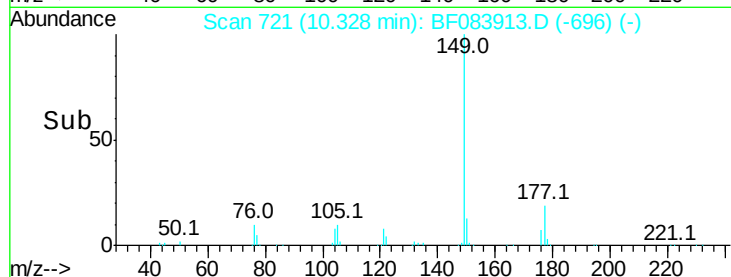
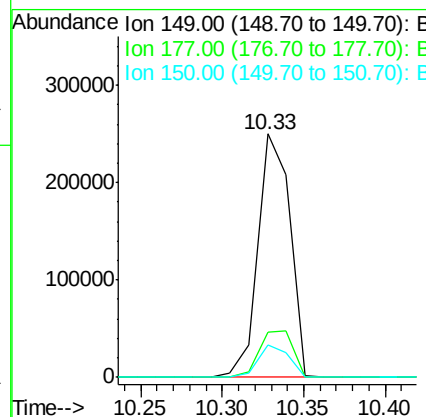
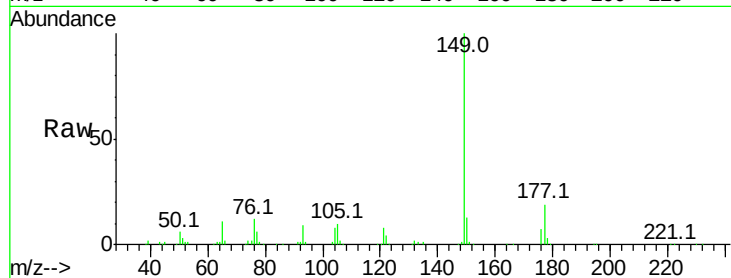
ClientSampleId :

PB87340BS

Tot Ion:	149	Resp:	340495
Ion Ratio	Lower	Upper	
149	100		
177	18.6	17.3	25.9
150	13.1	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 39.18 ng

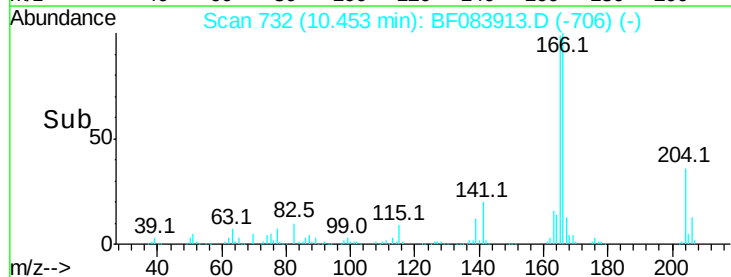
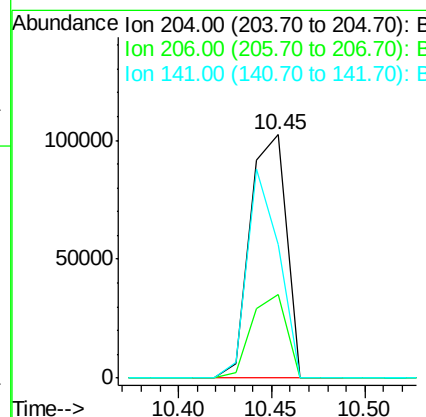
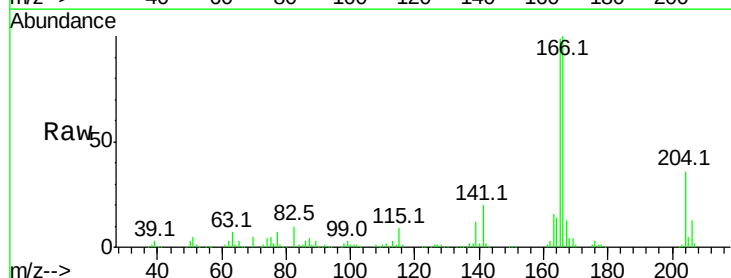
RT: 10.45 min Scan# 732

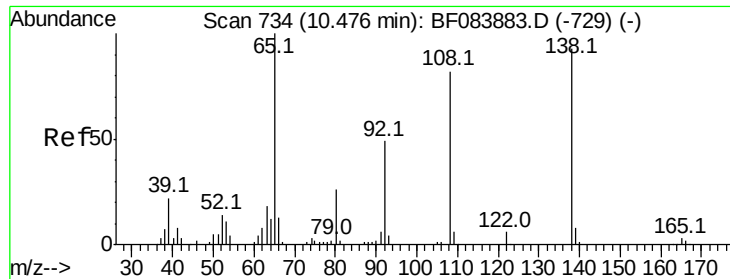
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	204	Resp:	137641
Ion Ratio	Lower	Upper	
204	100		
206	34.5	25.7	38.5
141	54.6	55.1	82.7#





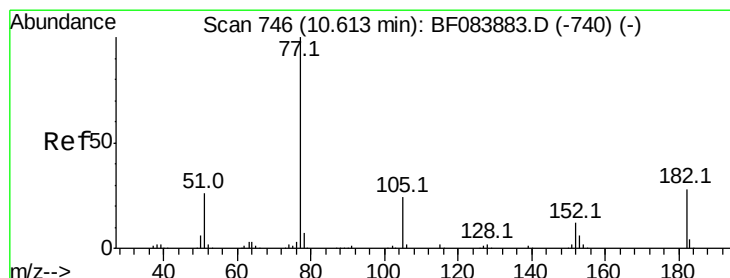
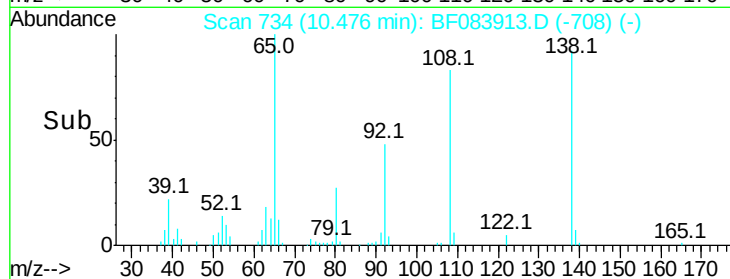
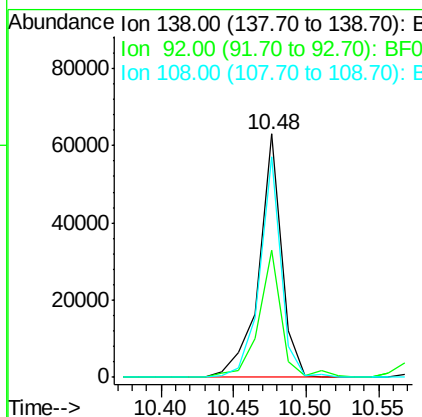
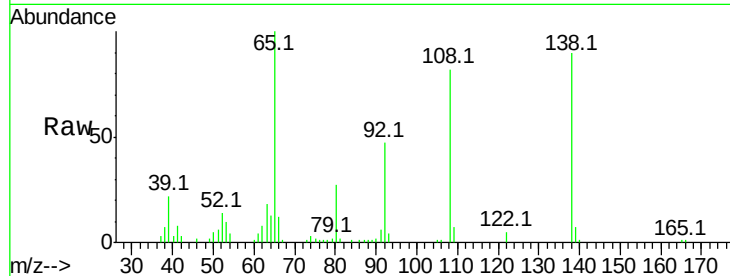
#61
4-Nitroaniline
Concen: 34.87 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion:	138	Resp:	68532
Ion Ratio	Lower	Upper	
138	100		
92	52.1	32.6	72.6
108	90.8	68.6	108.6

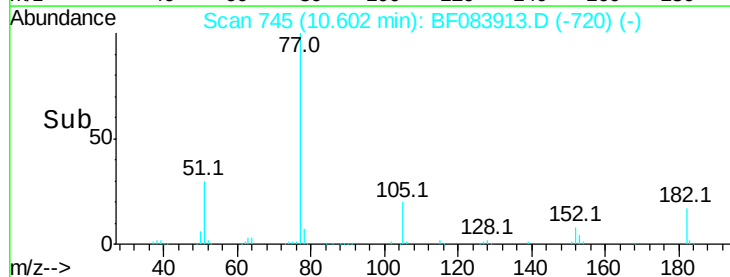
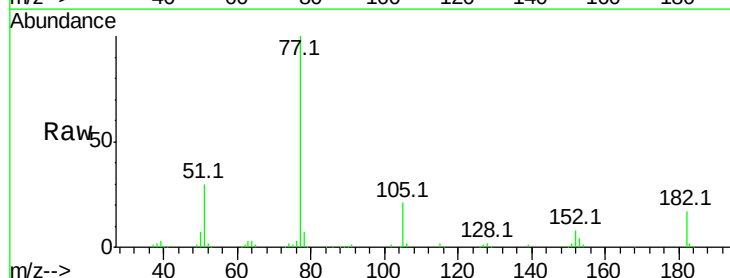
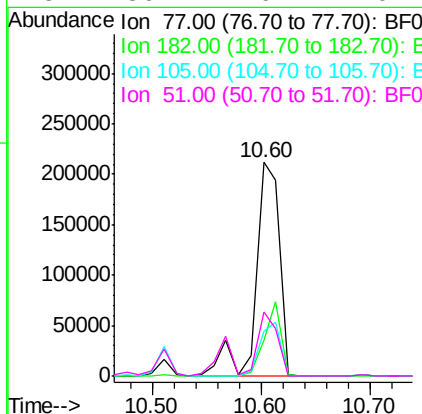
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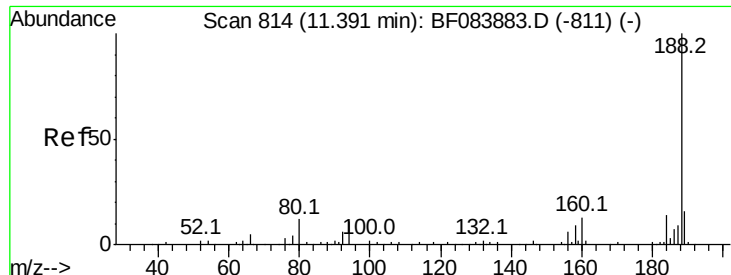
apatel
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#62
Azobenzene
Concen: 45.90 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:	77	Resp:	328606
Ion Ratio	Lower	Upper	
77	100		
182	16.9	8.3	48.3
105	21.3	4.6	44.6
51	30.2	6.2	46.2





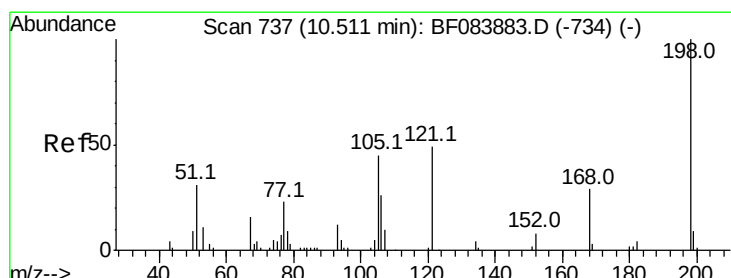
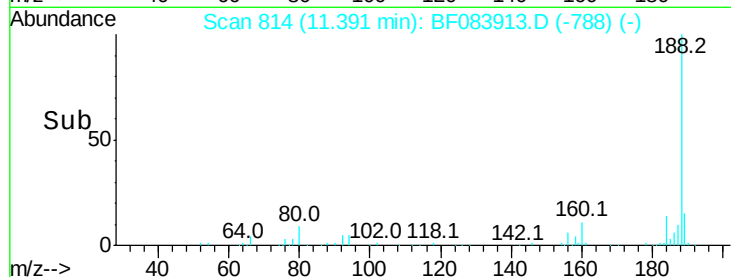
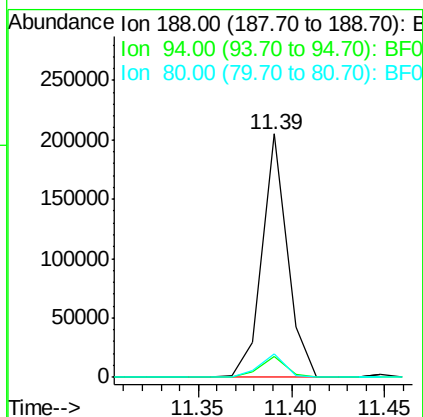
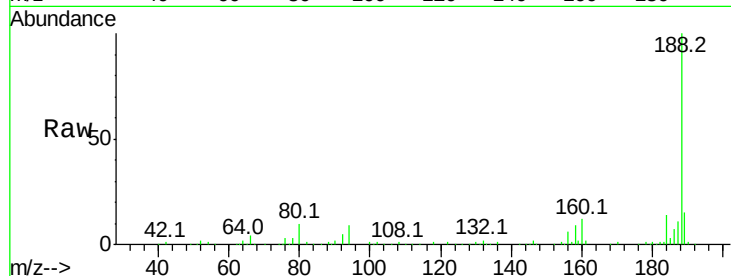
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.7	9.6	14.4

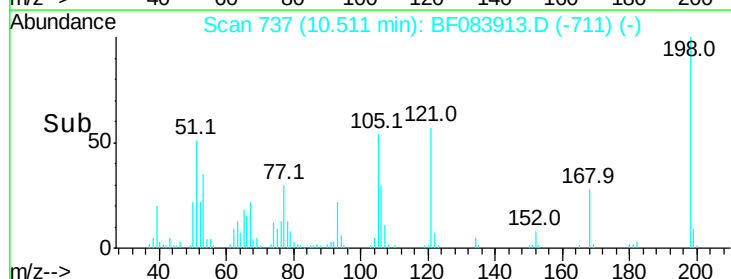
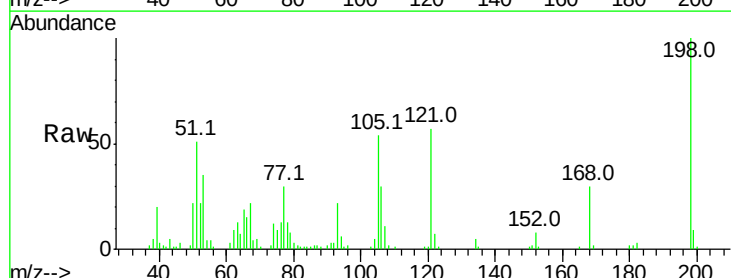
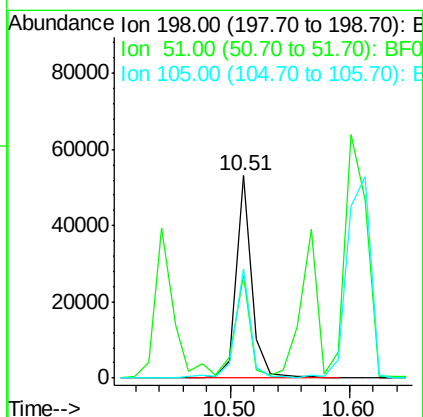
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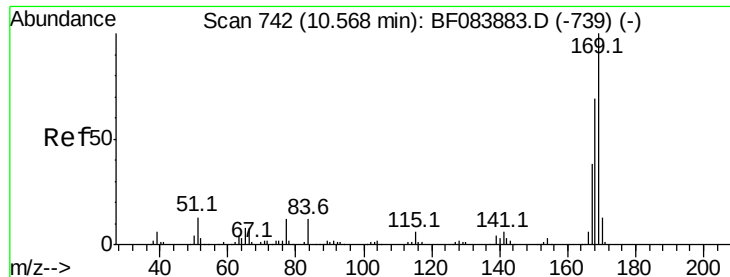
apatel
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.84 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.8	18.9	58.9
105	54.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 40.38 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

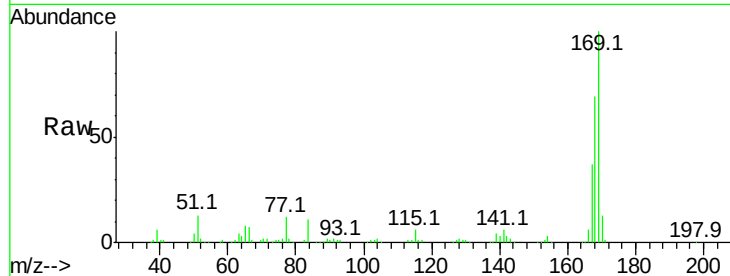
ClientSampleId :

PB87340BS

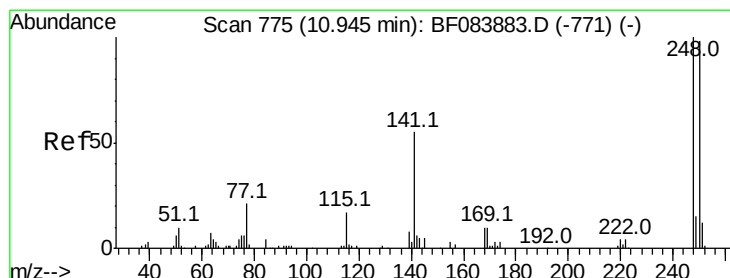
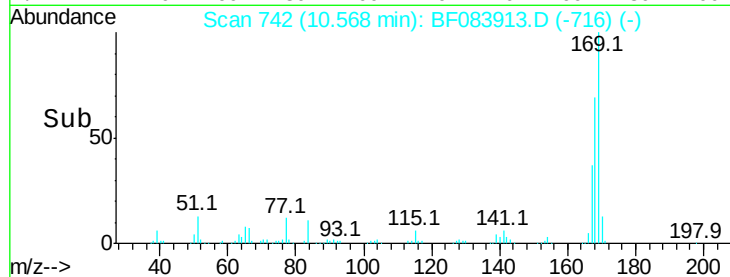
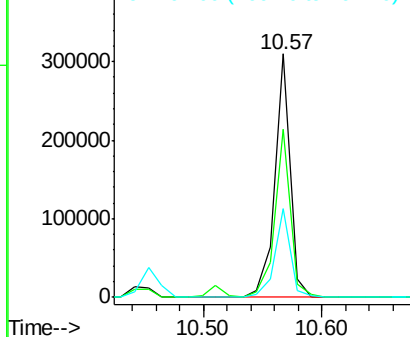
Tot Ion:	169	Resp:	280742
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.1	82.7
167	36.6	30.0	45.0

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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: 36.55 ng

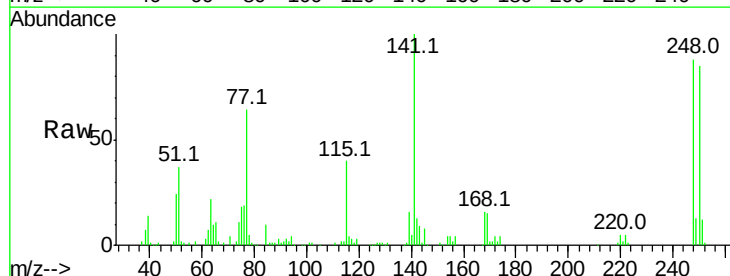
RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

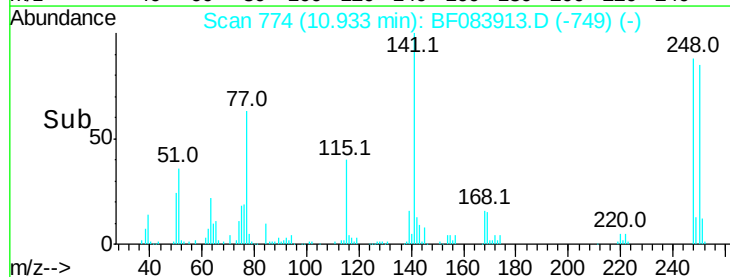
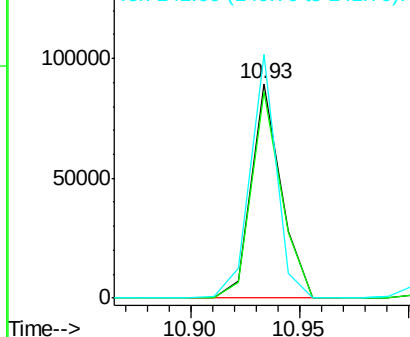
Lab File: BF083913.D

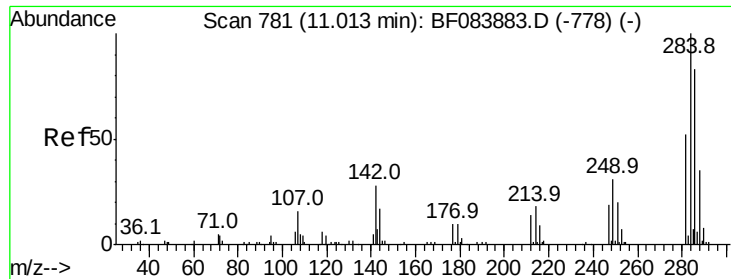
Acq: 18 Dec 2015 15:21

Tgt Ion:	248	Resp:	85379
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.4	117.6
141	113.5	44.0	66.0#



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





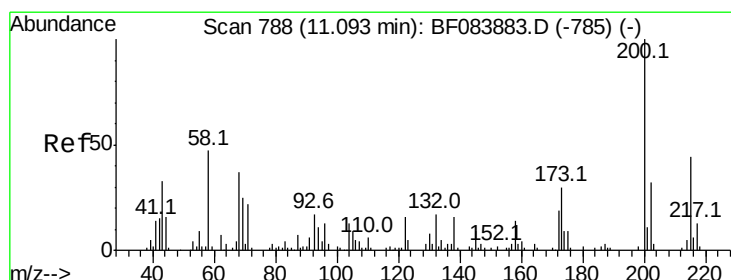
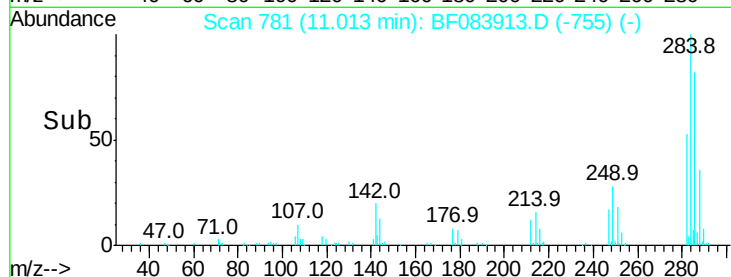
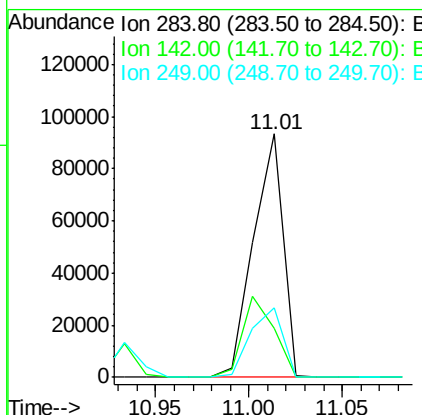
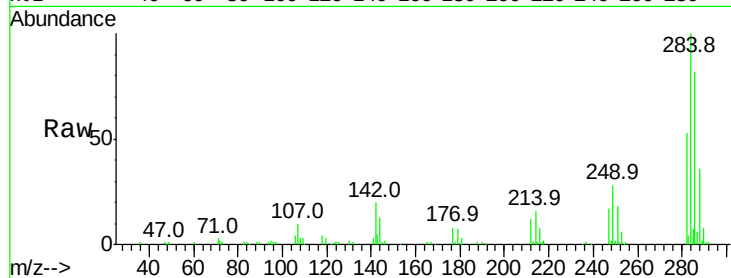
#67
Hexachlorobenzene
Concen: 41.70 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	102564		
142	20.2		22.2	33.4#
249	28.5		24.6	37.0

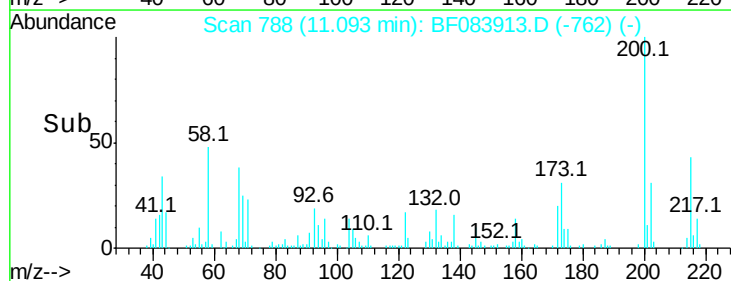
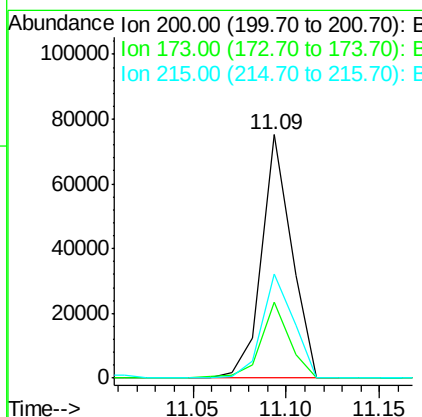
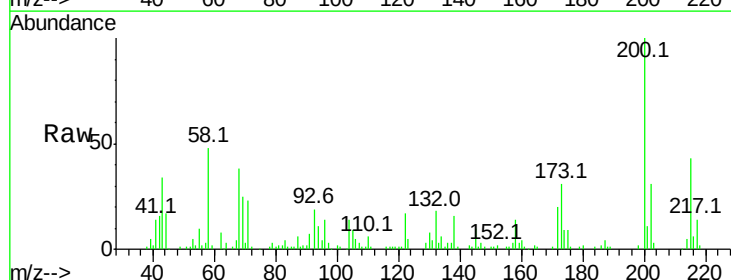
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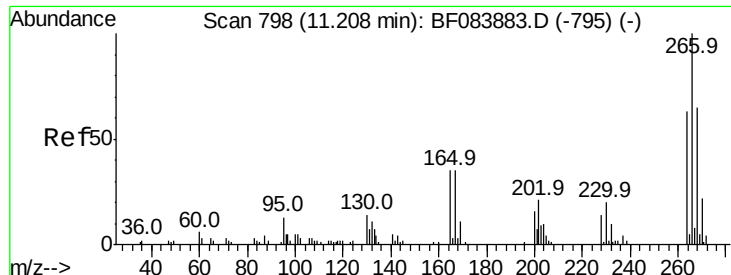
apatel
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#68
Atrazine
Concen: 37.59 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	82788		
173	31.2		9.5	49.5
215	43.0		23.8	63.8





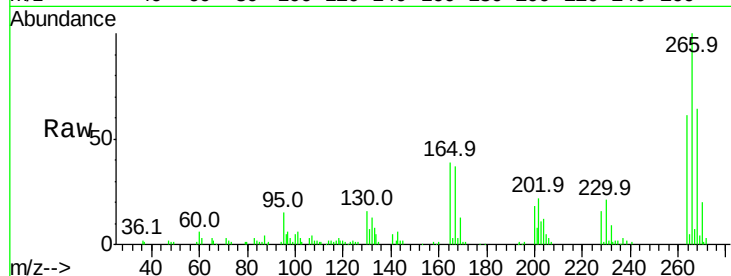
#69
 Pentachlorophenol
 Concen: 86.76 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

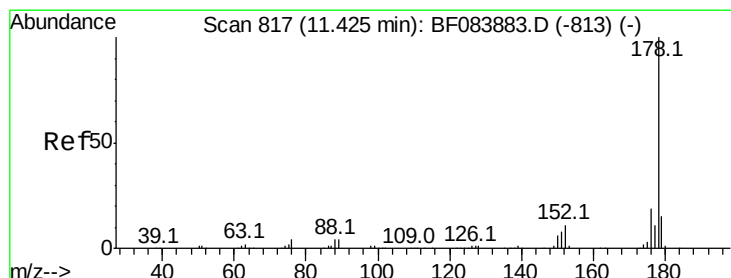
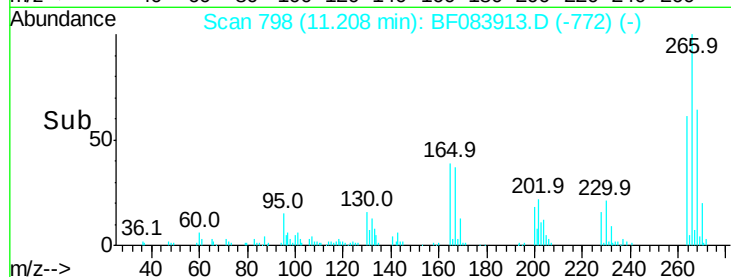
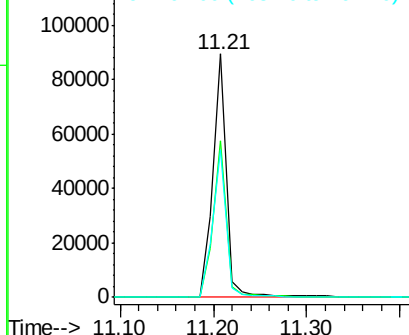
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.1	52.4	78.6	
264	60.7	50.2	75.2	

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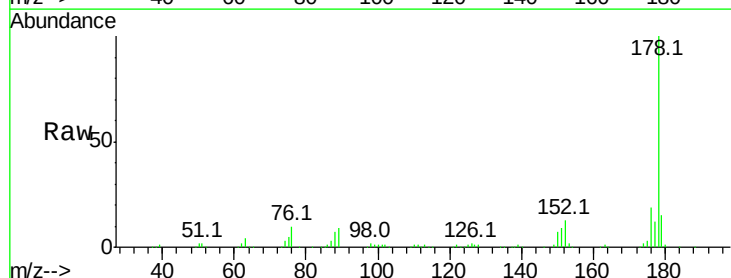


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

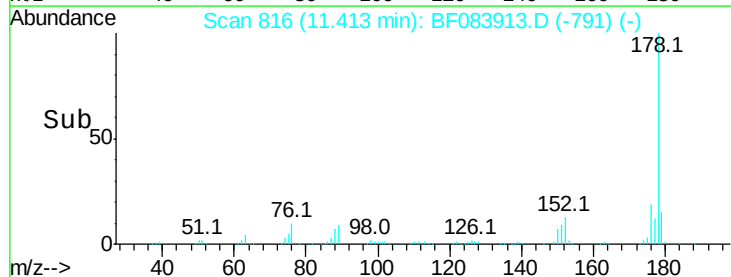
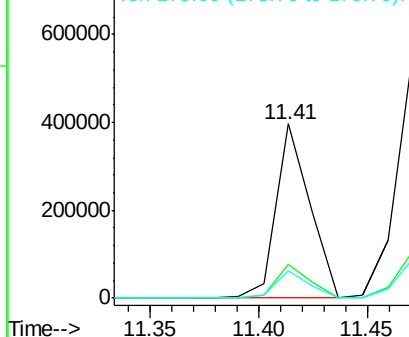


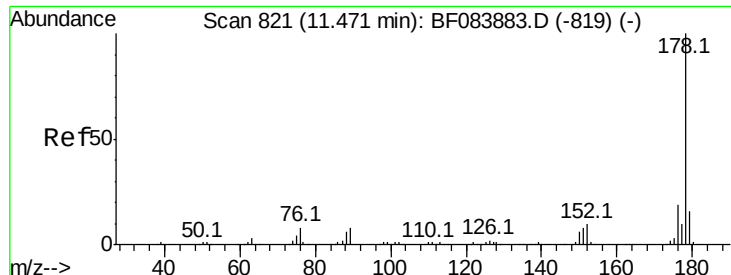
#70
 Phenanthrene
 Concen: 37.33 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	15.3	22.9	
179	15.5	12.0	18.0	



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: 44.04 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

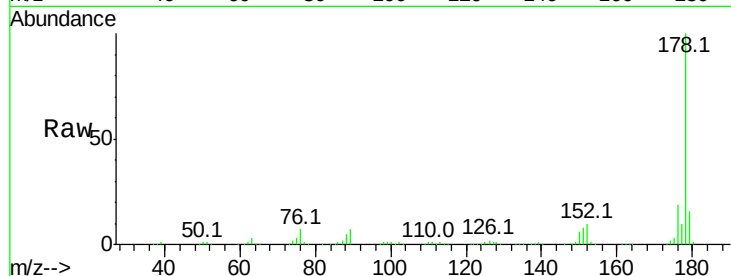
ClientSampleId :

PB87340BS

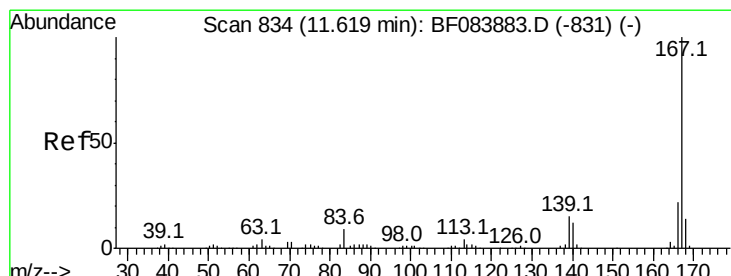
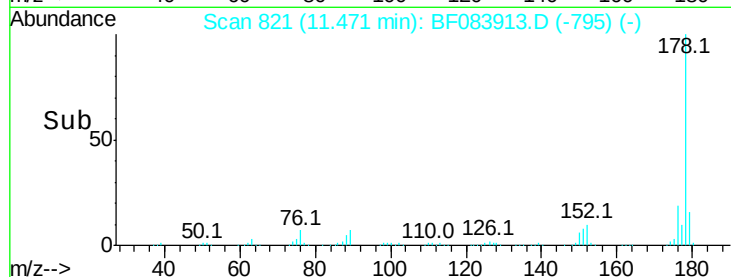
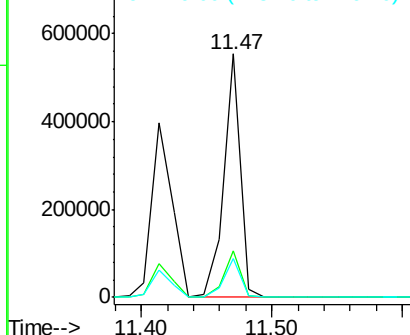
Tot Ion:	178	Resp:	491473
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	15.7	12.5	18.7

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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: 37.72 ng

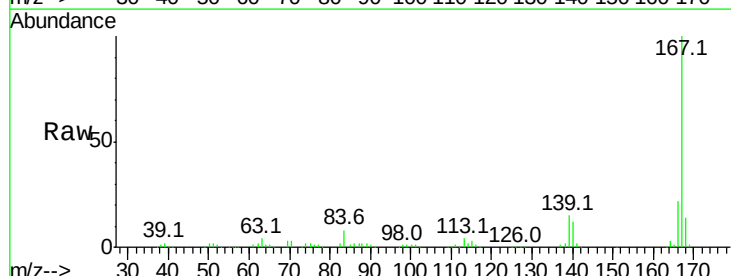
RT: 11.62 min Scan# 834

Delta R.T. -0.00 min

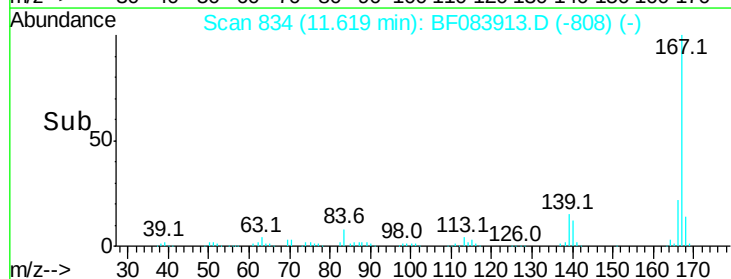
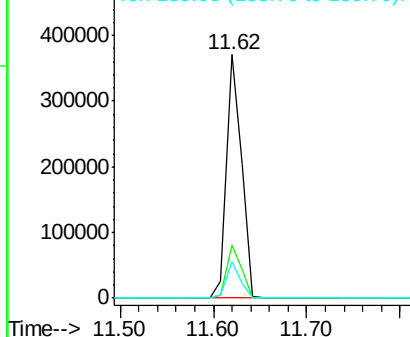
Lab File: BF083913.D

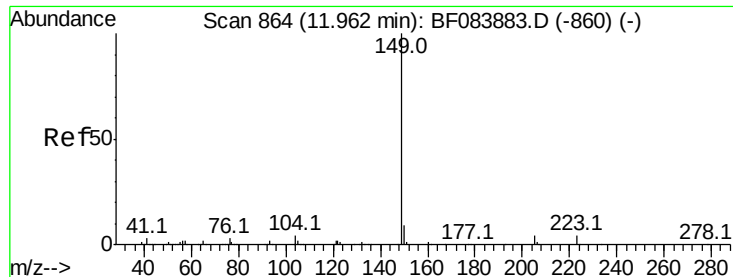
Acq: 18 Dec 2015 15:21

Tgt Ion:	167	Resp:	415900
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.6	26.4
139	14.9	11.8	17.8



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: 41.12 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

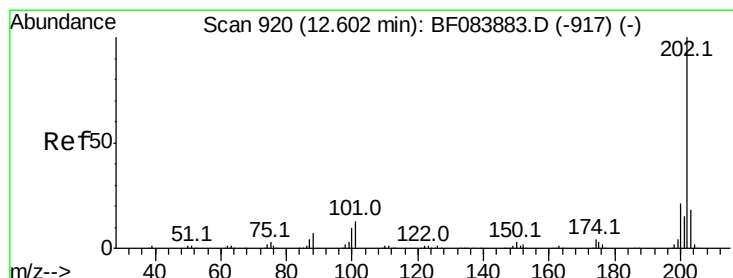
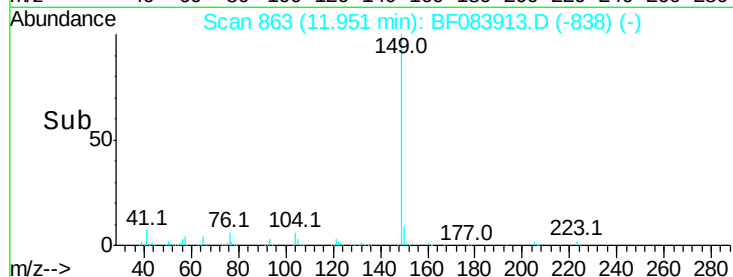
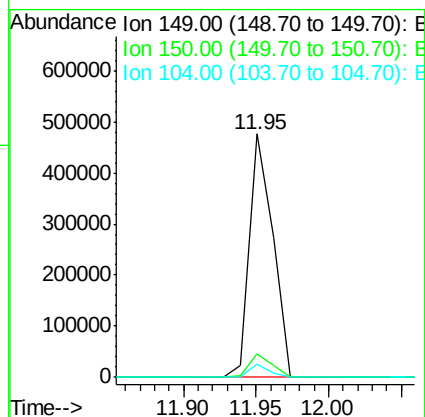
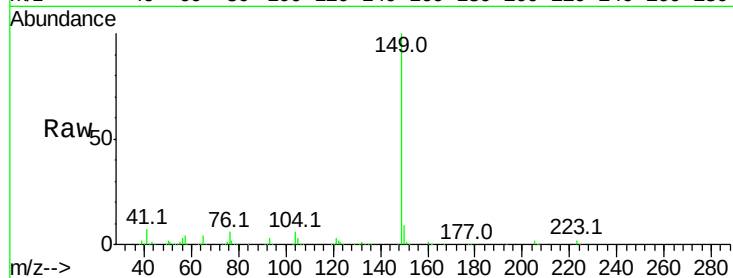
ClientSampleId :

PB87340BS

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Tot Ion:	149	Resp:	532736
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.6	3.2	4.8#



#74

Fluoranthene

Concen: 39.66 ng

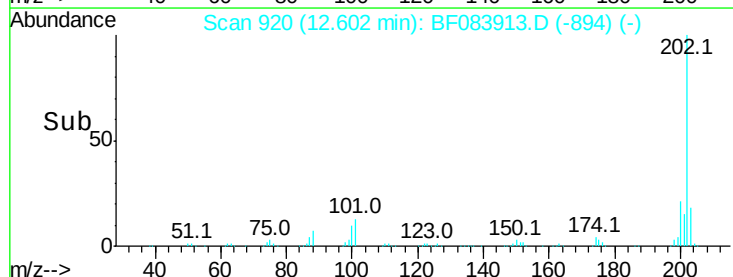
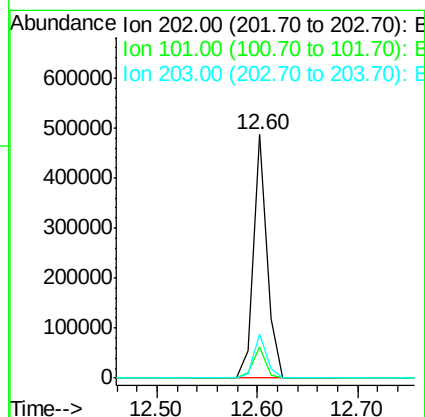
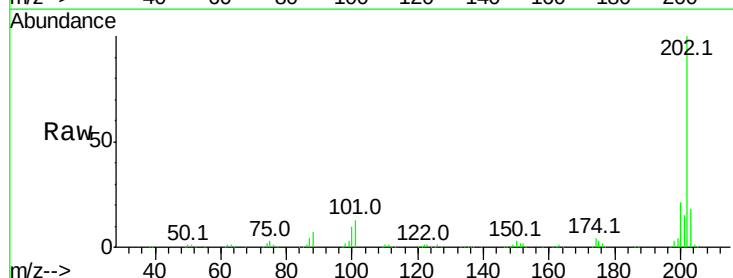
RT: 12.60 min Scan# 920

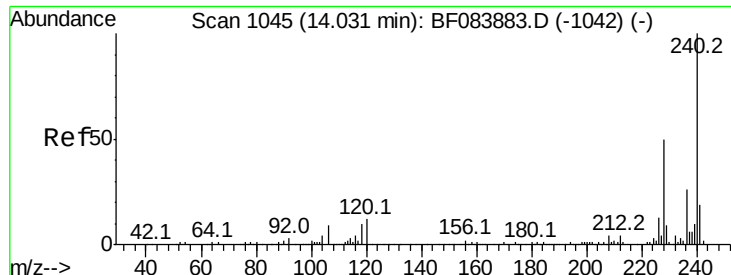
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	202	Resp:	456894
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.8
203	17.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083913.D

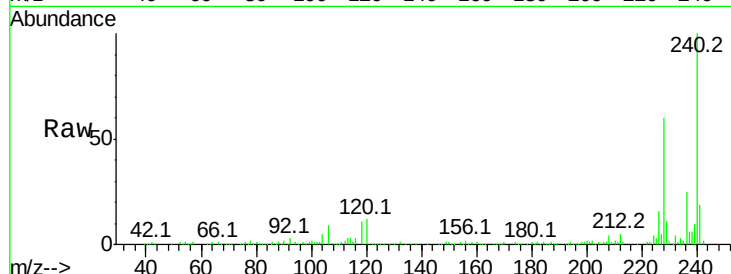
Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

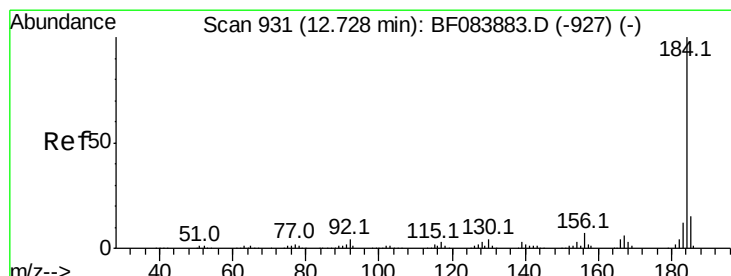
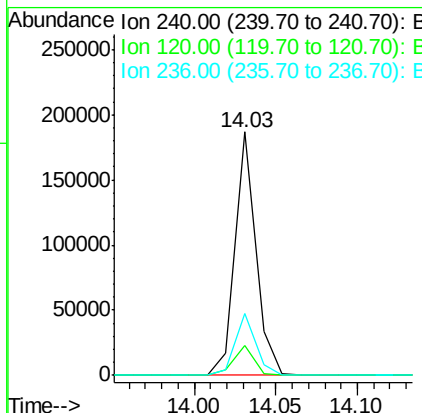
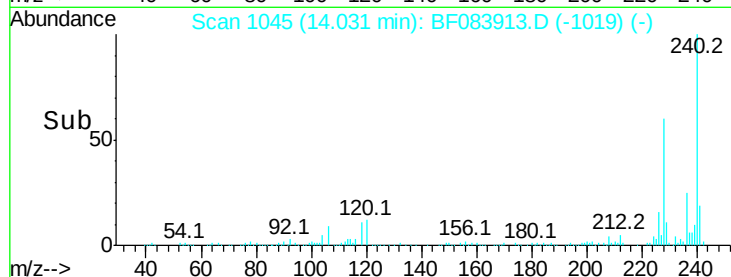
PB87340BS



Tot Ion:	240	Resp:	164135
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.4	20.6	31.0

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#76

Benzidine

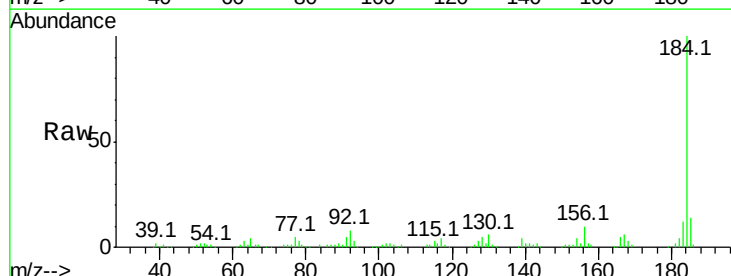
Concen: 23.92 ng

RT: 12.72 min Scan# 930

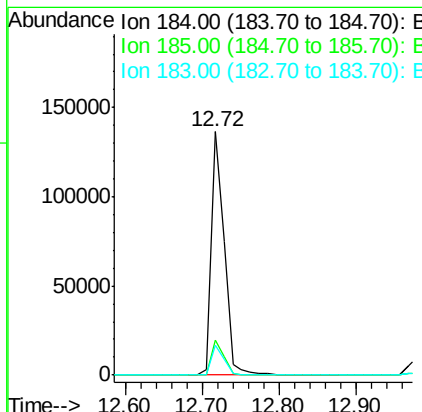
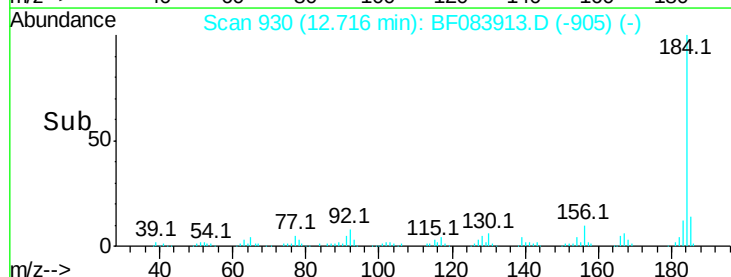
Delta R.T. -0.01 min

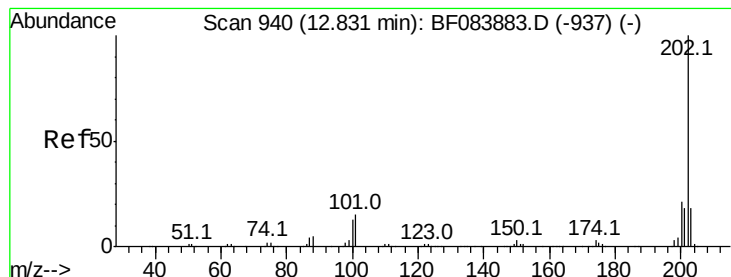
Lab File: BF083913.D

Acq: 18 Dec 2015 15:21



Tgt Ion:	184	Resp:	157222
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	12.1	9.8	14.8





#77

Pvrene

Concen: 43.81 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

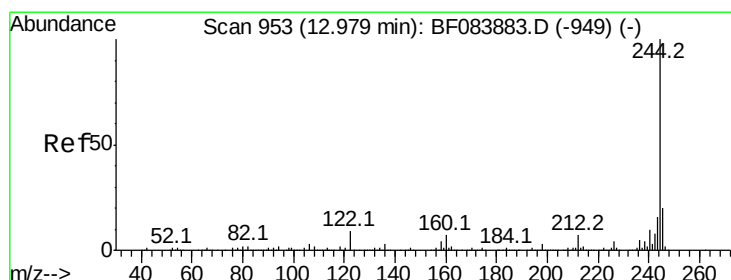
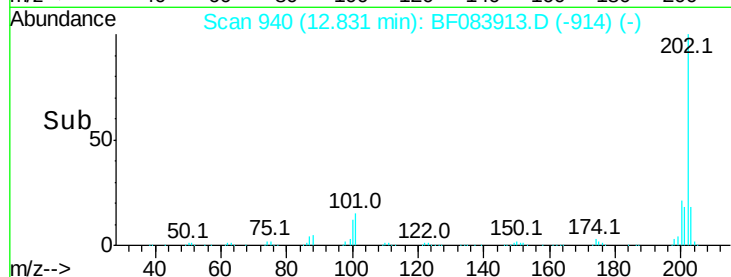
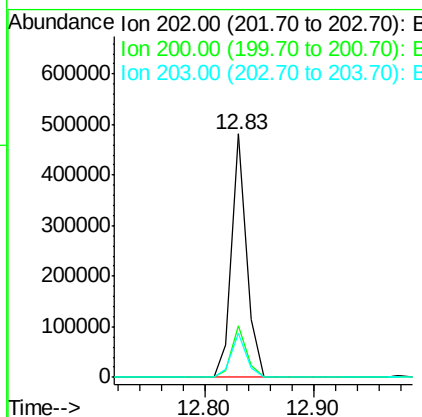
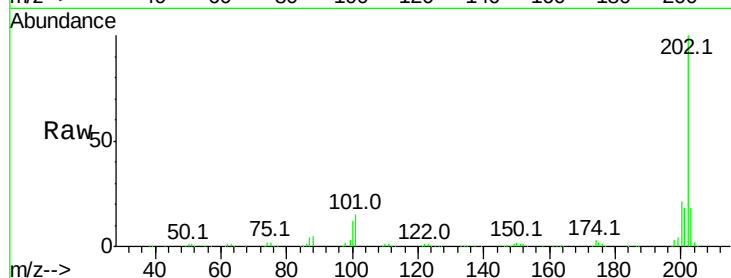
ClientSampleId :

PB87340BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	456714		
200	21.2		17.2	25.8
203	18.3		14.3	21.5

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#78

Terphenyl-d14

Concen: 93.38 ng

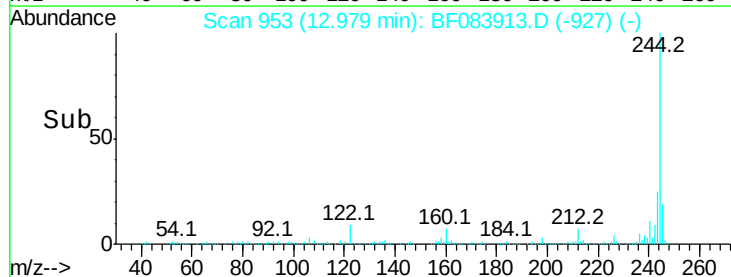
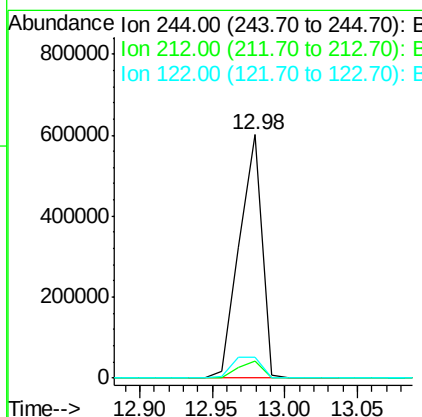
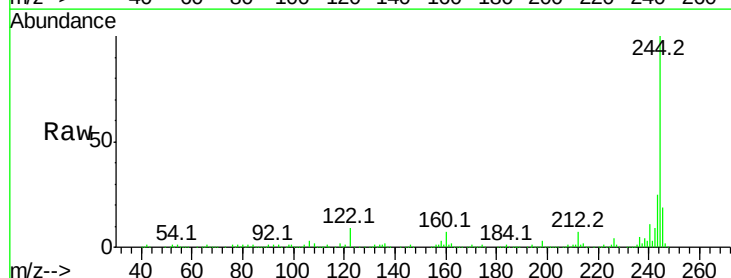
RT: 12.98 min Scan# 953

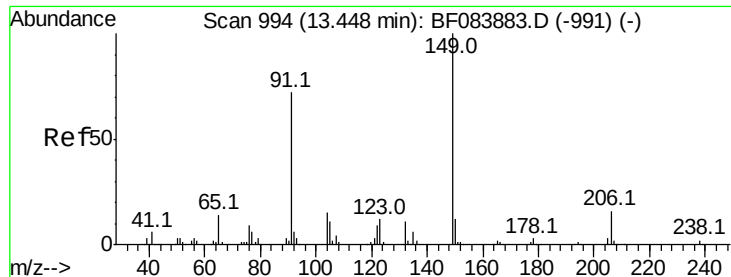
Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	651254		
212	7.3		5.7	8.5
122	8.5		7.4	11.0





#79

Butylbenzylphthalate

Concen: 43.47 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

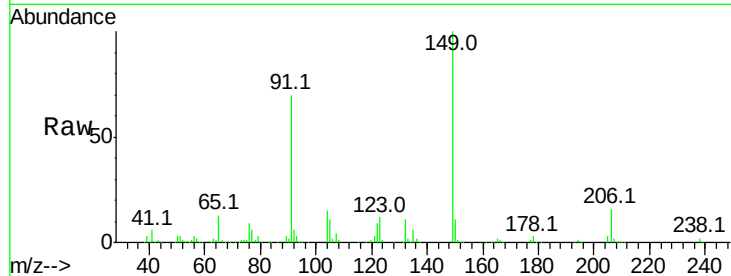
ClientSampleId :

PB87340BS

Tot Ion:	149	Resp:	237490
Ion Ratio	Lower	Upper	
149	100		
91	70.5	57.6	86.4
206	16.4	13.2	19.8

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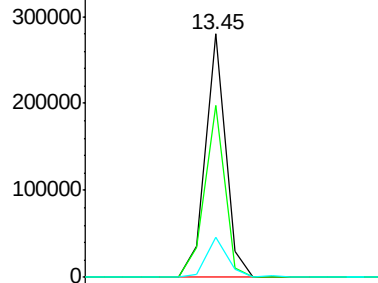
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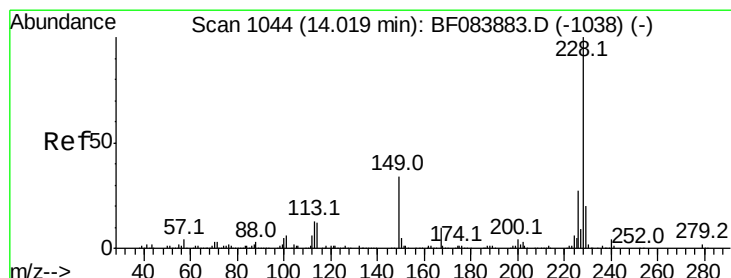
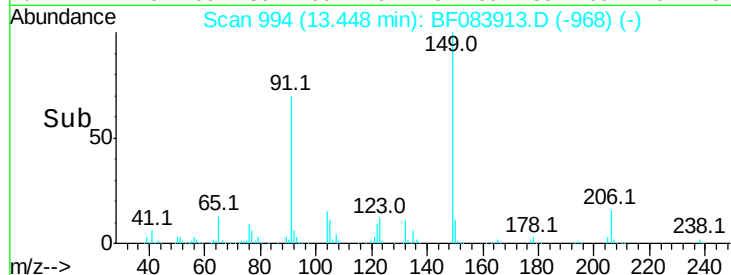
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 39.12 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083913.D

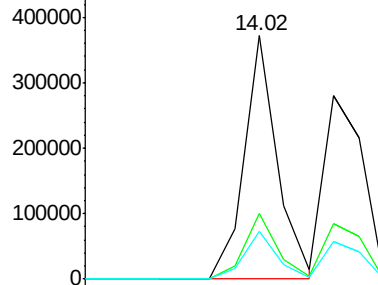
Acq: 18 Dec 2015 15:21

Tgt Ion:	228	Resp:	394822
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.6
229	19.5	15.8	23.8

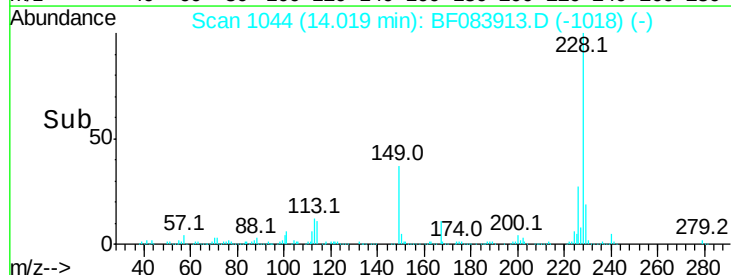
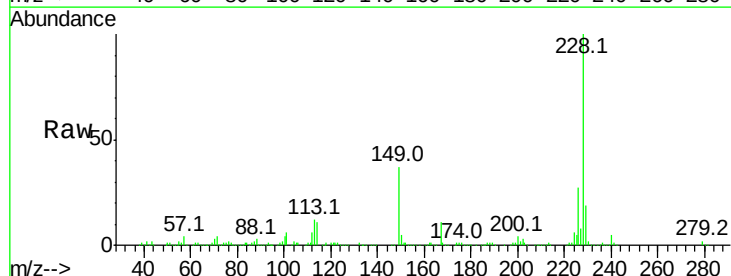
Abundance Ion 228.00 (227.70 to 228.70): E

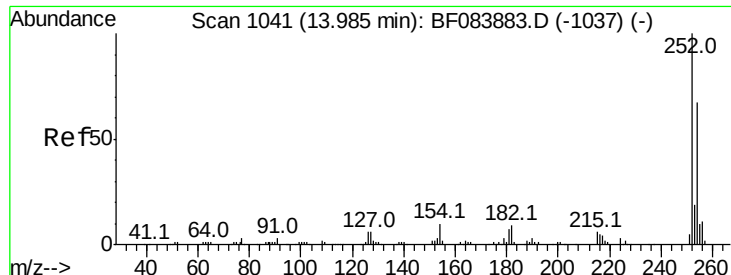
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





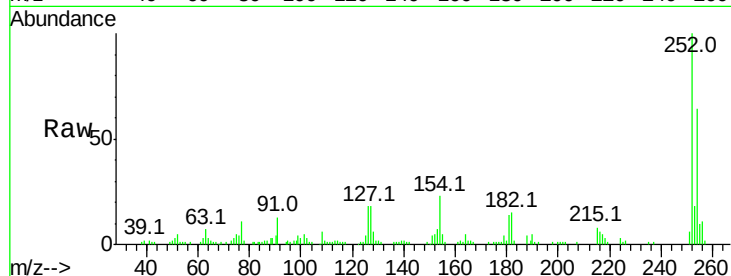
#81
 3,3'-Dichlorobenzidine
 Concen: 23.07 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

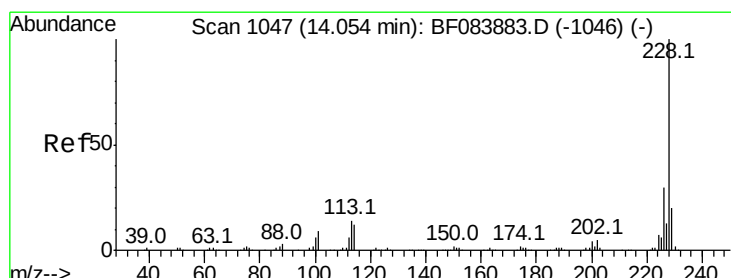
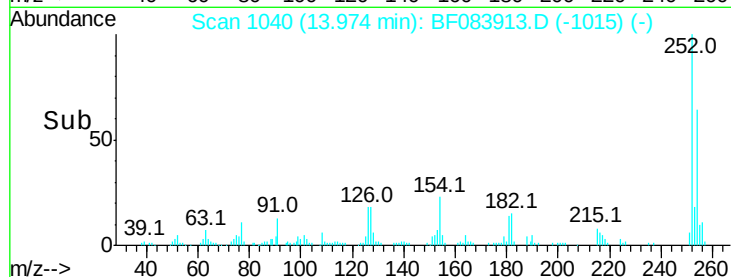
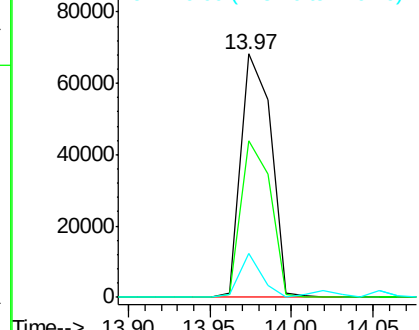
Tot Ion	Ratio	Resp	Lower	Upper
252	100	87016		
254	64.3	53.5	80.3	
126	17.8	4.9	7.3	

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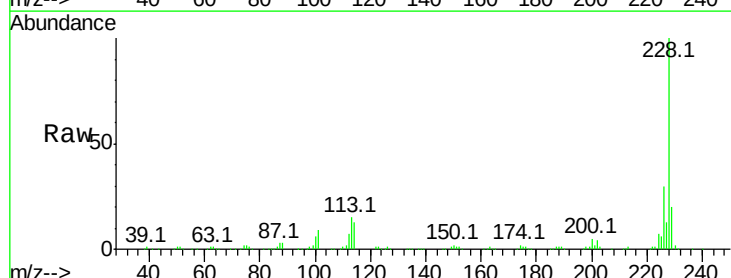


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

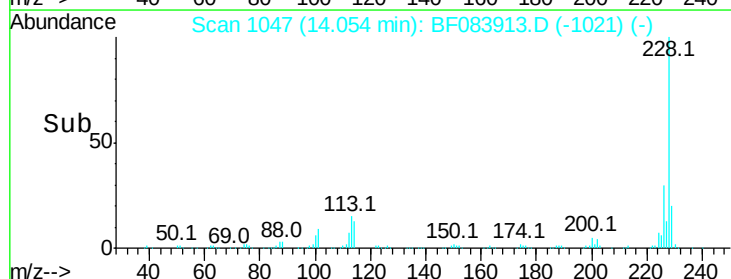
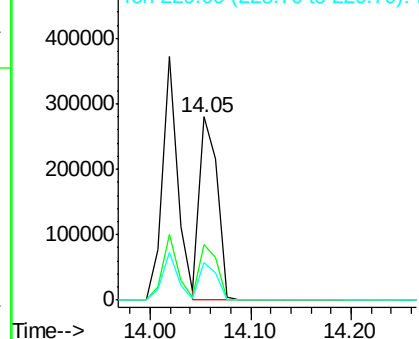


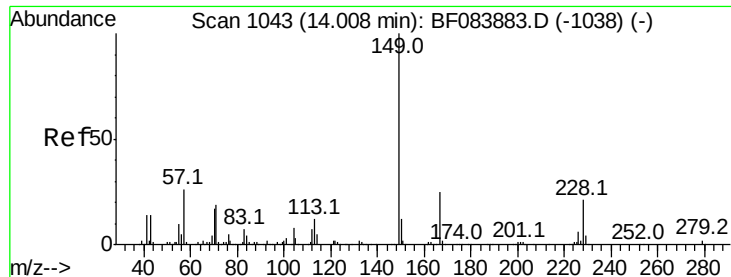
#82
 Chrysene
 Concen: 35.60 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	347016		
226	30.2	24.3	36.5	
229	20.2	16.1	24.1	



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: 42.74 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

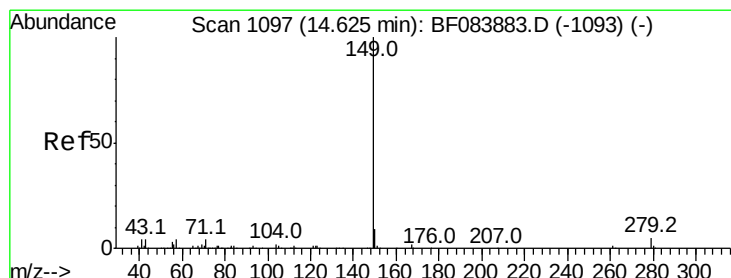
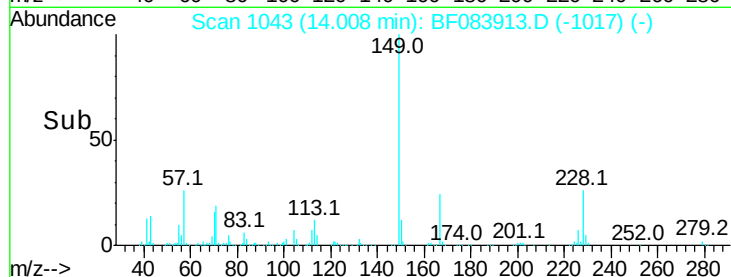
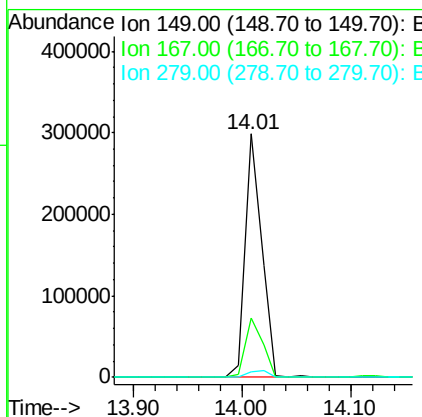
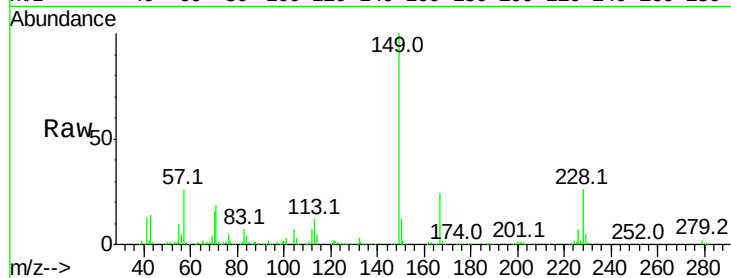
ClientSampleId :

PB87340BS

Tot Ion:	149	Resp:	311800
Ion Ratio		Lower	Upper
149	100		
167	24.4	19.7	29.5
279	2.3	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 44.88 ng

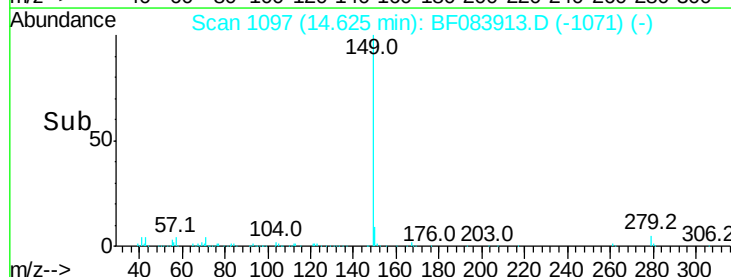
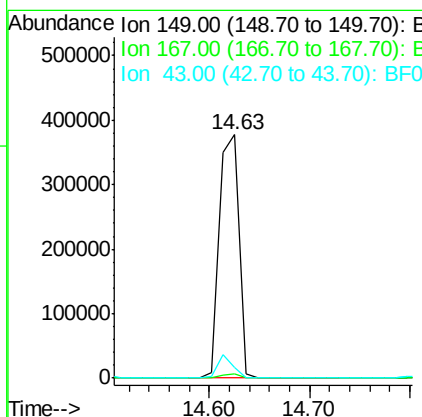
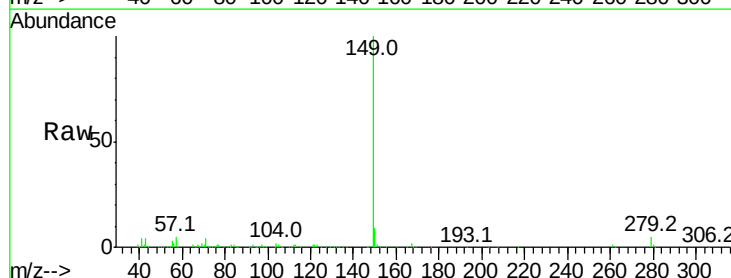
RT: 14.63 min Scan# 1097

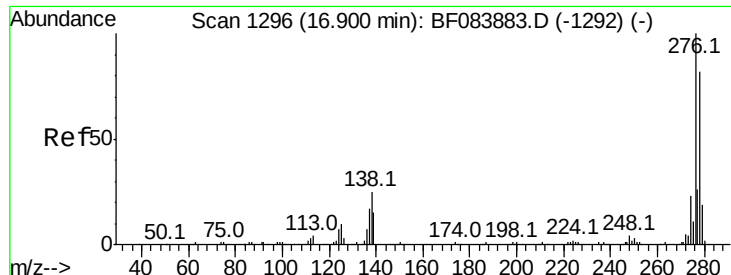
Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:	149	Resp:	512310
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	5.6	8.4





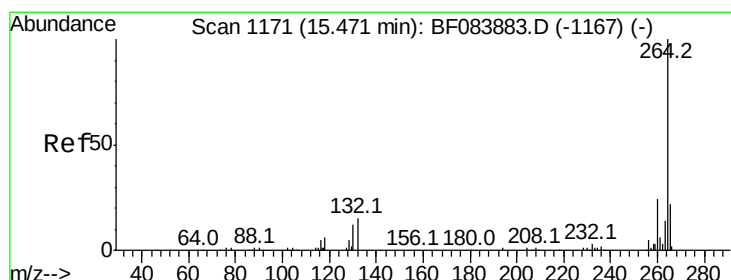
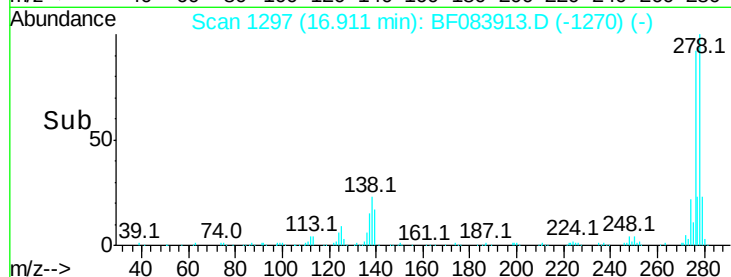
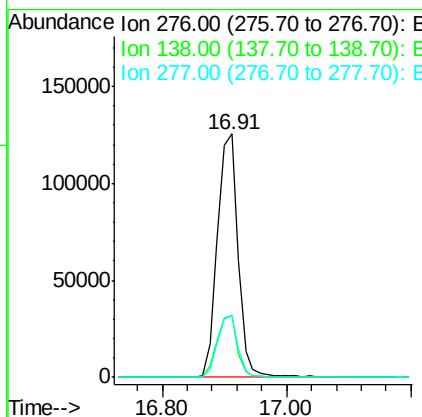
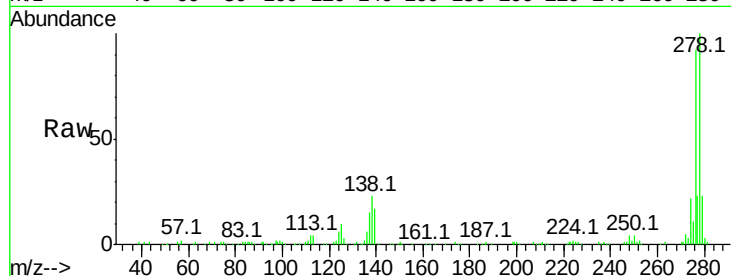
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.49 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.0	20.1	30.1

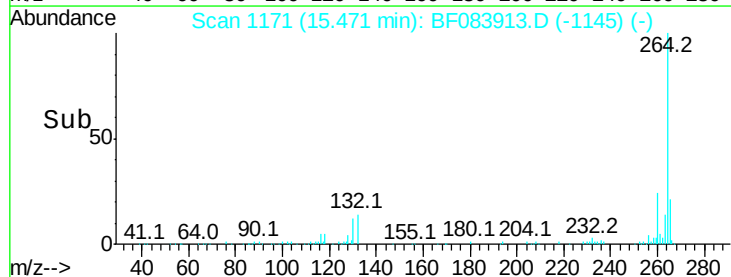
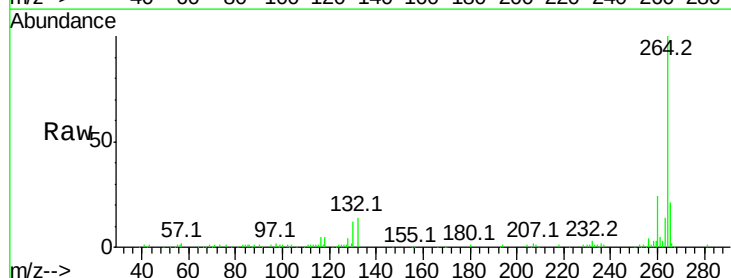
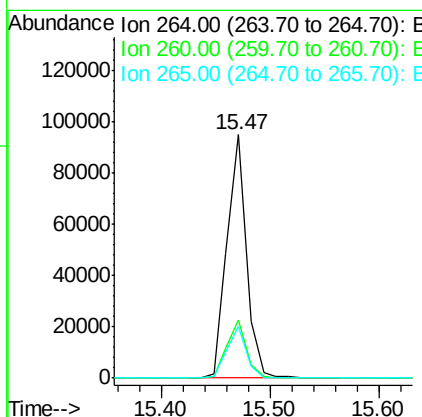
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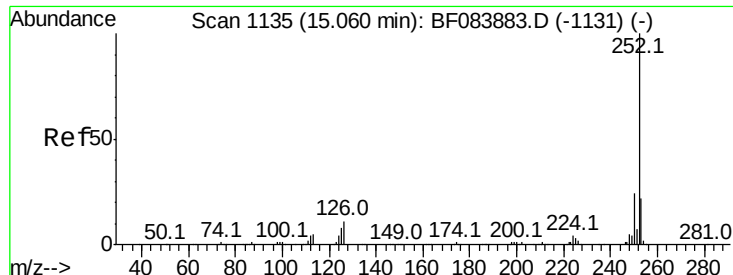
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	17.8	26.6





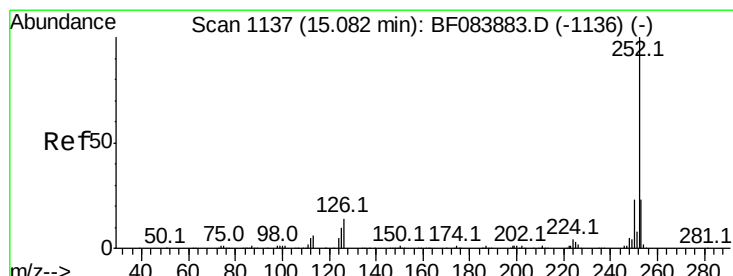
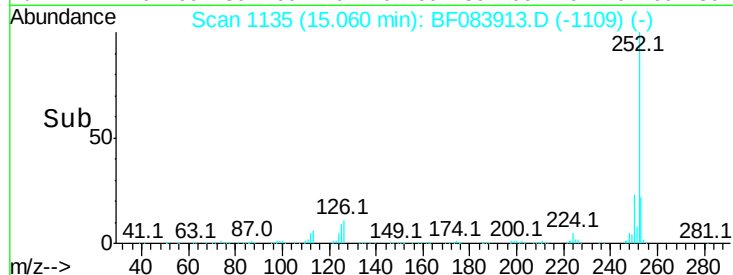
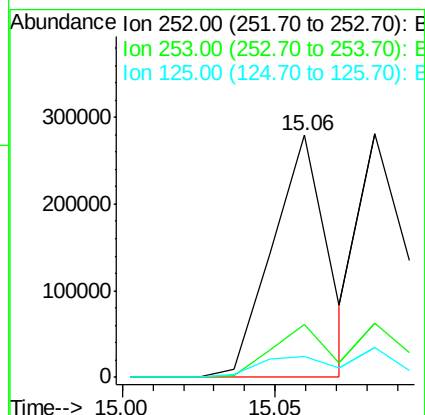
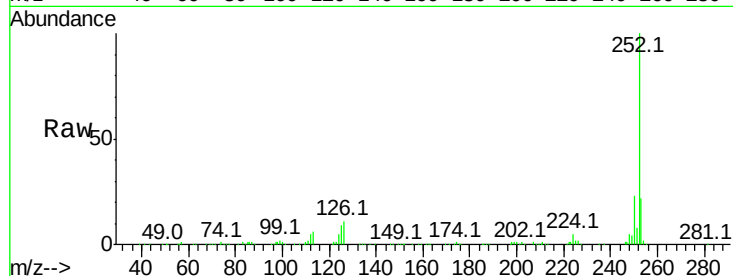
#87
Benzo(b)fluoranthene
Concen: 41.04 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	352339		
253	21.7		17.3	25.9
125	8.9		6.5	9.7

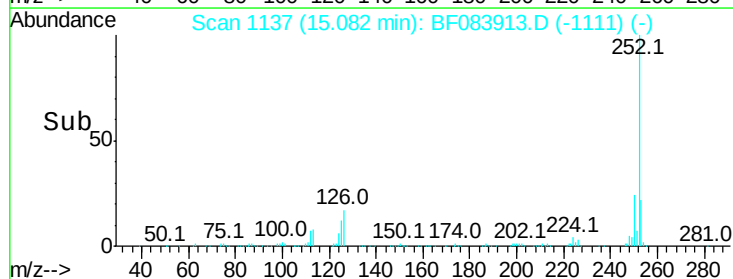
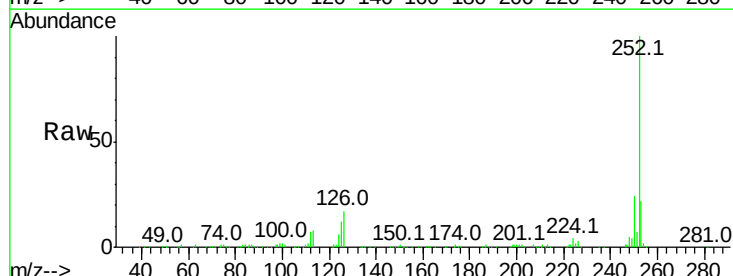
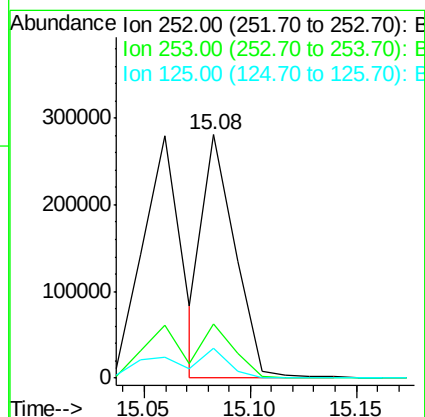
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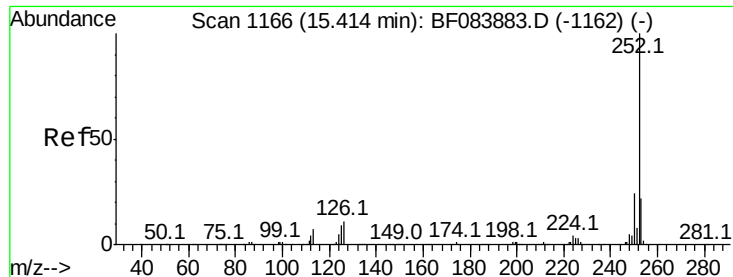
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#88
Benzo(k)fluoranthene
Concen: 41.55 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	294216		
253	22.2		18.1	27.1
125	12.2		9.0	13.6





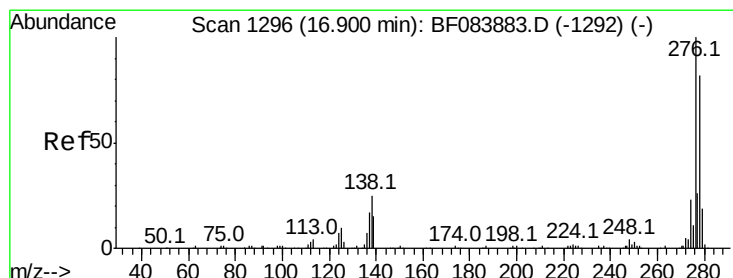
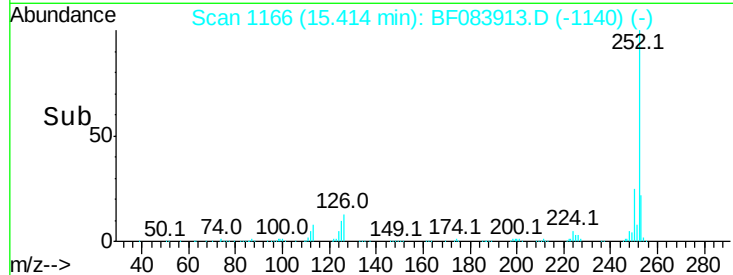
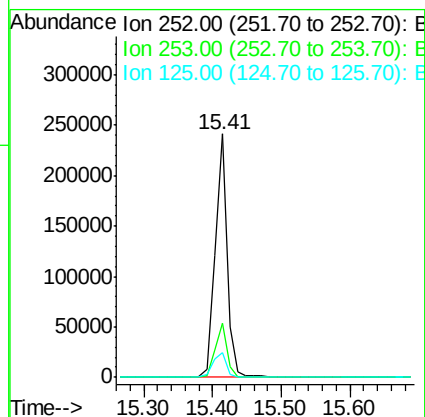
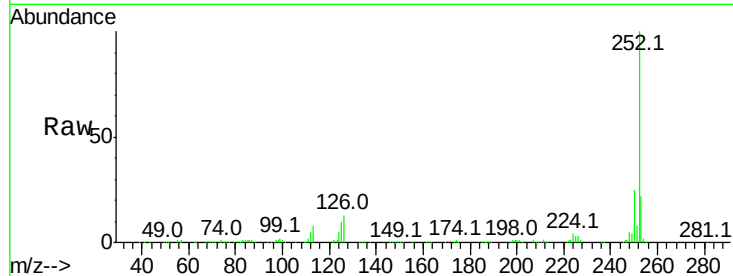
#89
Benzo(a)pyrene
Concen: 42.06 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.0	7.0	10.4

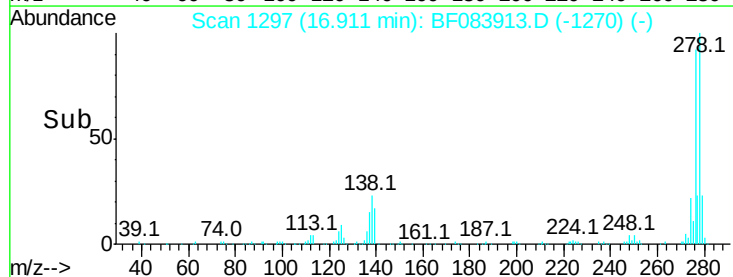
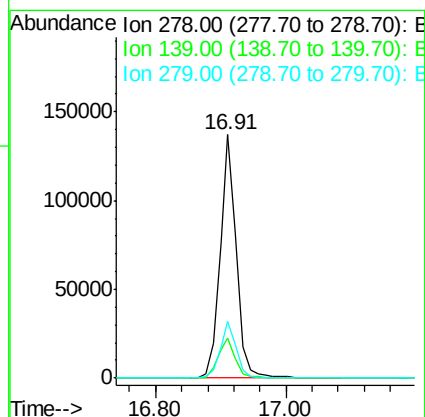
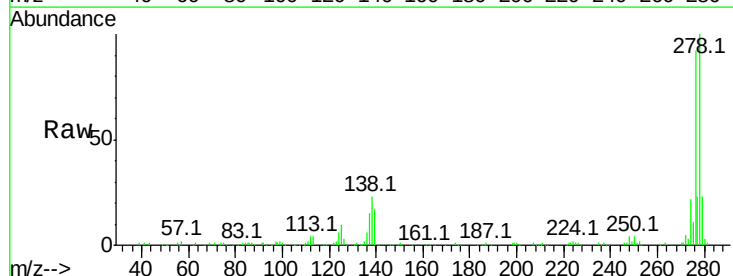
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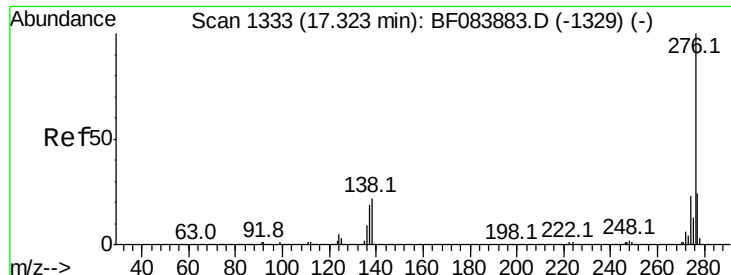
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#90
Dibenzo(a,h)anthracene
Concen: 43.33 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.6	15.0	22.4
279	23.4	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.62 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tot Ion:	276	Resp:	241153
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.8	28.2
138	21.6	17.8	26.6

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