

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083951.D
 Acq On : 19 Dec 2015 13:44
 Operator : UM/SJ
 Sample : PB87402BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Manual Integrations
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 12/22/2015 11:59:30 AM

Quant Time: Dec 21 03:07:29 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	6.85	152	75418	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	302846	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	153618	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	279978	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	236062	20.00	ng	-0.02
86) Perylene-d12	15.44	264	180937	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	279158	57.93	ng	-0.01
7) Phenol-d6	6.50	99	357541	60.61	ng	-0.01
23) Nitrobenzene-d5	7.41	82	327496	61.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	107889	63.75	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	659047	57.19	ng	-0.03
78) Terphenyl-d14	12.96	244	680775	66.02	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	47334	22.64	ng	98
3) Pyridine	3.24	79	121691	23.54	ng	98
4) n-Nitrosodimethylamine	3.18	42	58757	29.80	ng	97
6) Aniline	6.51	93	99654	13.12	ng	# 1
8) 2-Chlorophenol	6.64	128	163130	28.44	ng	96
9) Benzaldehyde	6.40	77	69947	19.68	ng	94
10) Phenol	6.51	94	202007	30.69	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	143962	28.79	ng	96
12) 1,3-Dichlorobenzene	6.80	146	173147	28.07	ng	97
13) 1,4-Dichlorobenzene	6.86	146	169829	26.97	ng	97
14) 1,2-Dichlorobenzene	7.02	146	172371	32.96	ng	96
15) Benzyl Alcohol	7.00	79	147263	32.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	145132	28.15	ng	68
17) 2-Methylphenol	7.12	107	128701	28.61	ng	95
18) Hexachloroethane	7.37	117	67305	29.13	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	103320	30.05	ng	# 87
20) 3+4-Methylphenols	7.28	107	171931	32.52	ng	# 48
22) Acetophenone	7.26	105	223625	30.67	ng	# 95
24) Nitrobenzene	7.44	77	171196	31.20	ng	93
25) Isophorone	7.68	82	295212	29.57	ng	98
26) 2-Nitrophenol	7.76	139	91334	32.15	ng	97
27) 2,4-Dimethylphenol	7.80	122	162820	33.27	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	172748	29.25	ng	99
29) 2,4-Dichlorophenol	8.00	162	132652	29.88	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	135002	28.32	ng	98
31) Naphthalene	8.16	128	474018	30.35	ng	100
32) Benzoic acid	7.93	122	68349	40.39	ng	92
33) 4-Chloroaniline	8.20	127	55990	8.14	ng	98
34) Hexachlorobutadiene	8.28	225	85053	28.57	ng	98
35) Caprolactam	8.58	113	46643m	31.80	ng	
36) 4-Chloro-3-methylphenol	8.70	107	167850	33.03	ng	99
37) 2-Methylnaphthalene	8.85	142	342142	32.51	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	131509	27.15	ng	97
40) Hexachlorocyclopentadiene	9.00	237	76576	54.96	ng	97

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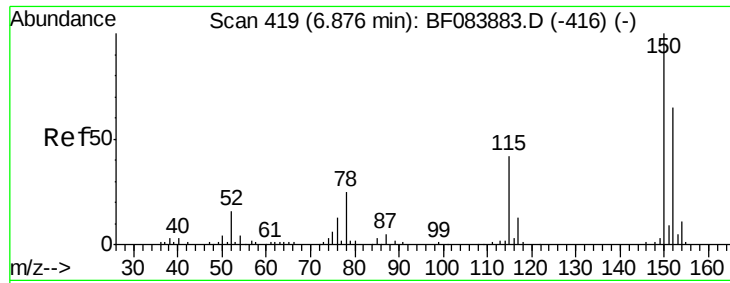
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	88116	27.55	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	93764	29.63	nq	# 84
45) 1,1'-Biphenyl	9.31	154	379785	28.86	nq	99
46) 2-Chloronaphthalene	9.33	162	286878	27.75	nq	100
47) 2-Nitroaniline	9.44	65	89808	29.56	nq	# 60
48) Acenaphthylene	9.76	152	498938	27.86	nq	100
49) Dimethylphthalate	9.62	163	390585	30.30	nq	# 91
50) 2,6-Dinitrotoluene	9.68	165	83978	29.87	nq	# 80
51) Acenaphthene	9.93	154	339395	30.82	nq	99
52) 3-Nitroaniline	9.84	138	39066	13.18	nq	98
53) 2,4-Dinitrophenol	9.95	184	56594	59.14	nq	# 70
54) Dibenzofuran	10.10	168	450265	31.49	nq	99
55) 4-Nitrophenol	10.02	139	95899	51.83	nq	# 78
56) 2,4-Dinitrotoluene	10.09	165	106449	29.53	nq	# 80
57) Fluorene	10.44	166	348045	31.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	76027	32.47	nq	94
59) Diethylphthalate	10.32	149	390482	29.30	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	160978	29.37	nq	98
61) 4-Nitroaniline	10.45	138	71997	23.48	nq	94
62) Azobenzene	10.59	77	364089	32.59	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	47252	29.15	nq	# 69
65) n-Nitrosodiphenylamine	10.54	169	284578	27.93	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	96531	28.20	nq	97
67) Hexachlorobenzene	10.99	284	113413	31.47	nq	99
68) Atrazine	11.08	200	102989	31.91	nq	94
69) Pentachlorophenol	11.18	266	90511	60.41	nq	98
70) Phenanthrene	11.40	178	490026	28.97	nq	99
71) Anthracene	11.45	178	477270	29.19	nq	100
72) Carbazole	11.60	167	444289	27.50	nq	99
73) Di-n-butylphthalate	11.94	149	620047	32.66	nq	100
74) Fluoranthene	12.58	202	482448	28.58	nq	100
76) Benzidine	12.69	184	121918	12.90	nq	99
77) Pyrene	12.81	202	491976	33.60	nq	100
79) Butylbenzylphthalate	13.43	149	243057	30.93	nq	98
80) Benzo(a)anthracene	14.00	228	407872	28.10	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	74781	13.79	nq	# 93
82) Chrysene	14.03	228	374715	26.73	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	329181	31.37	nq	100
84) Di-n-octyl phthalate	14.60	149	580662	35.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	328980	31.38	nq	99
87) Benzo(b)fluoranthene	15.03	252	442742m	33.56	nq	
88) Benzo(k)fluoranthene	15.06	252	273461m	25.13	nq	
89) Benzo(a)pyrene	15.38	252	325813	29.91	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	277639	32.76	nq	# 95
91) Benzo(g,h,i)perylene	17.28	276	274246	33.02	nq	99

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



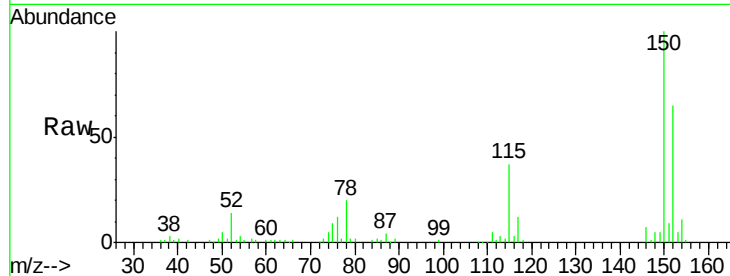
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
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 PB87402BS

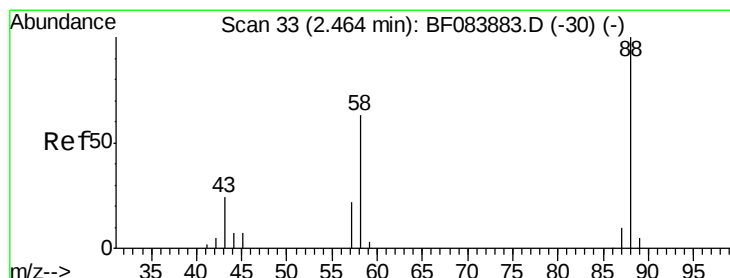
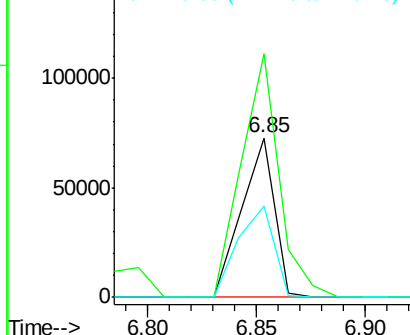
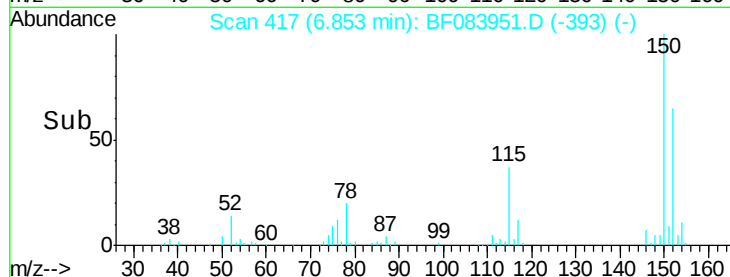
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.0	184.4
115	57.3	51.4	77.2

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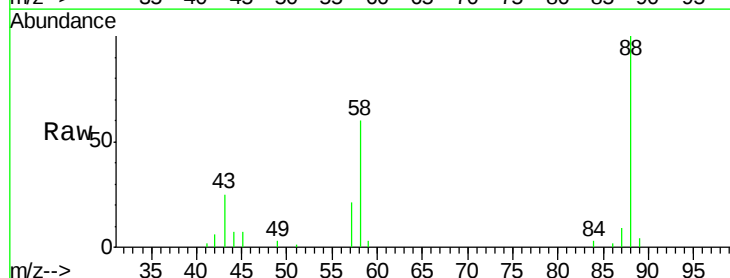


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

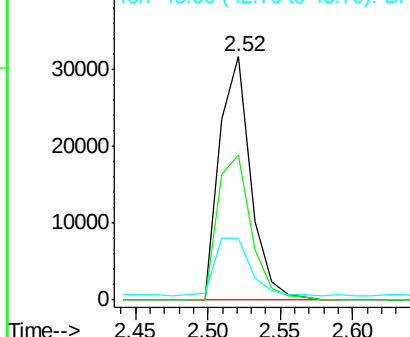
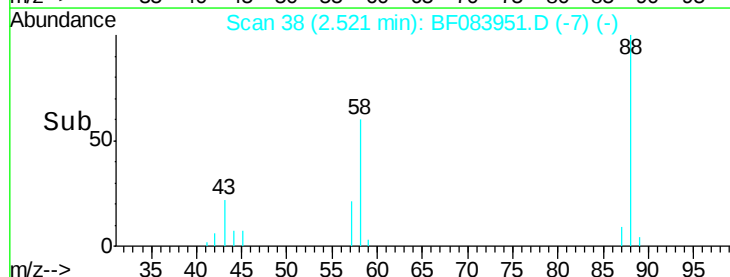


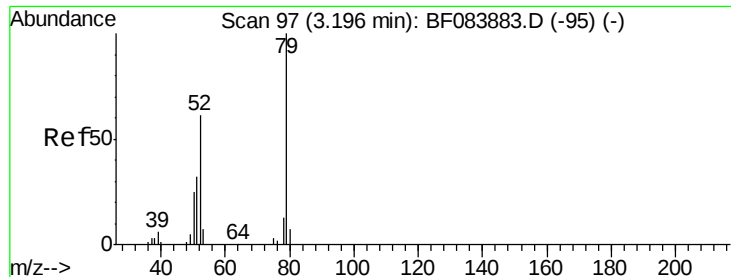
#2
 1,4-Dioxane
 Concen: 22.64 ng
 RT: 2.52 min Scan# 38
 Delta R.T. 0.06 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.2	76.8
43	26.7	19.5	29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 23.54 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

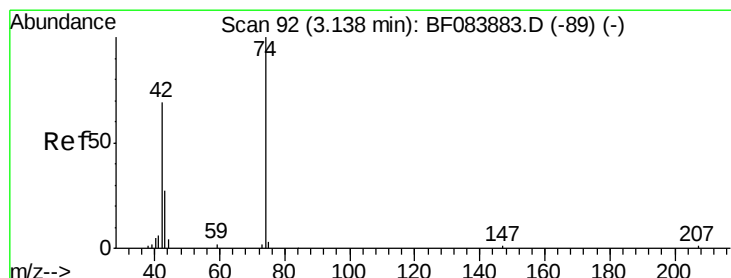
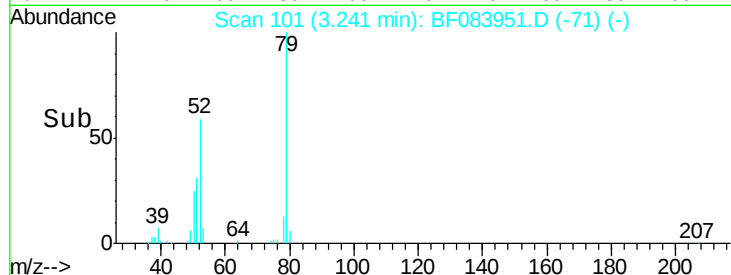
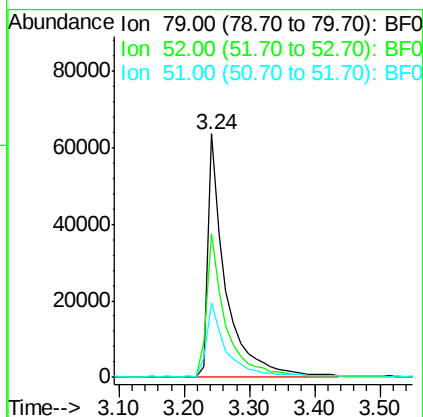
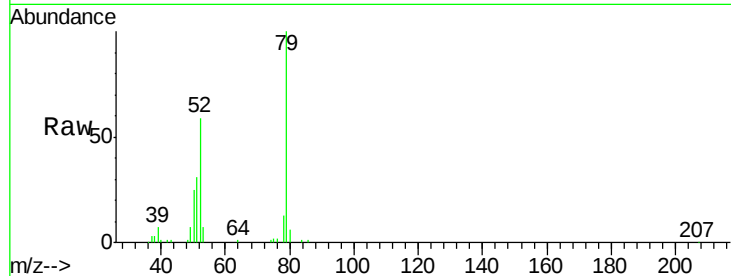
ClientSampleId :

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Tot Ion:	79	Resp:	121691
Ion Ratio	Lower	Upper	
79	100		
52	59.3	49.0	73.4
51	30.8	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 29.80 ng

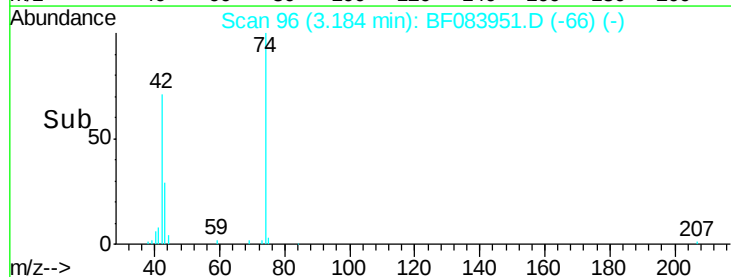
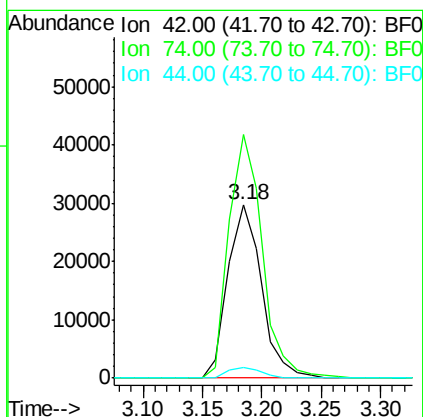
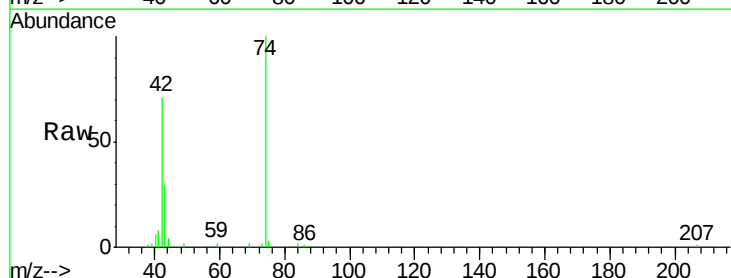
RT: 3.18 min Scan# 96

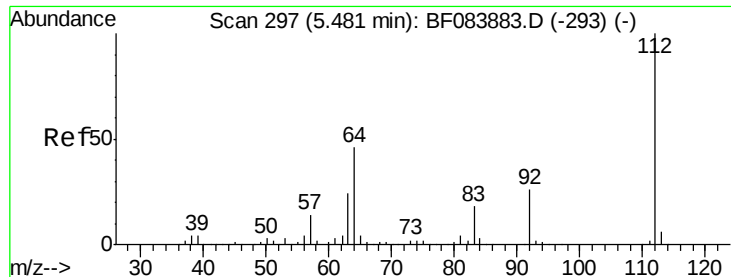
Delta R.T. 0.05 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	42	Resp:	58757
Ion Ratio	Lower	Upper	
42	100		
74	140.5	115.7	173.5
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 57.93 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

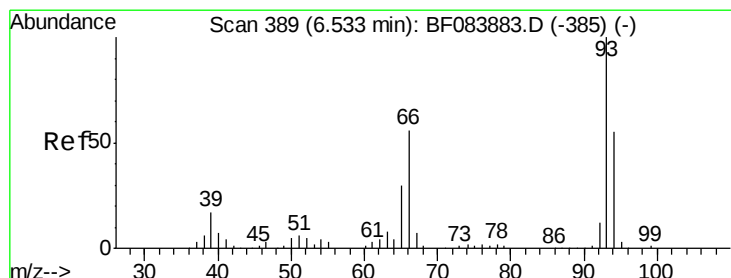
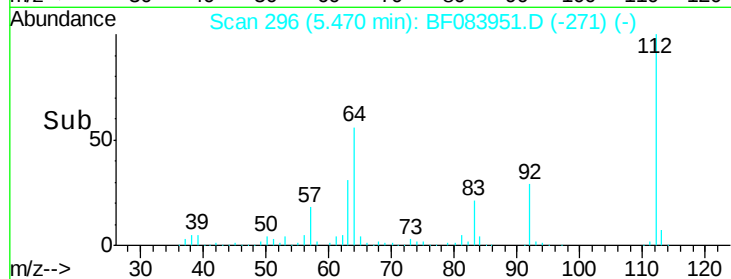
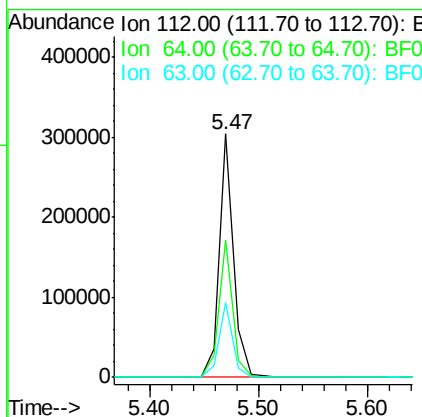
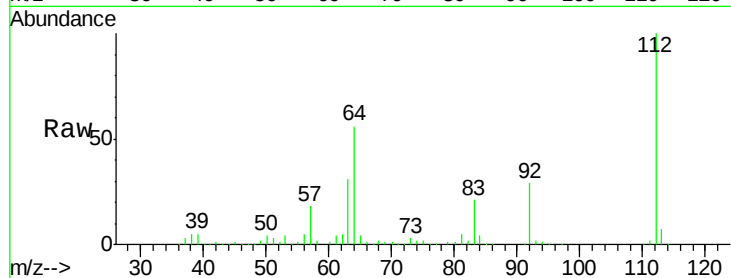
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		279158		
64	56.4	36.6	55.0#		
63	30.9	19.4	29.0#		

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#6

Aniline

Concen: 13.12 ng

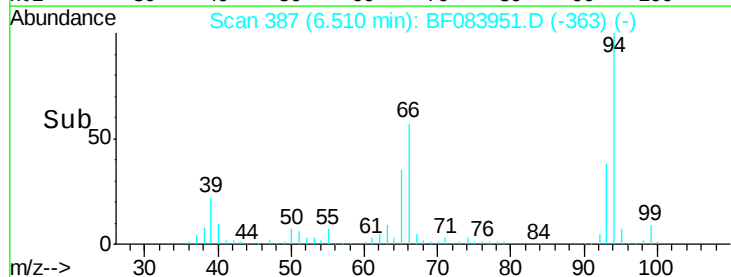
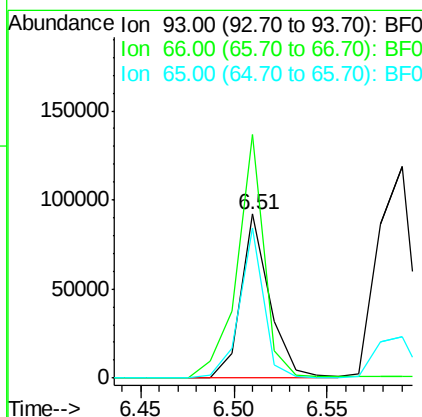
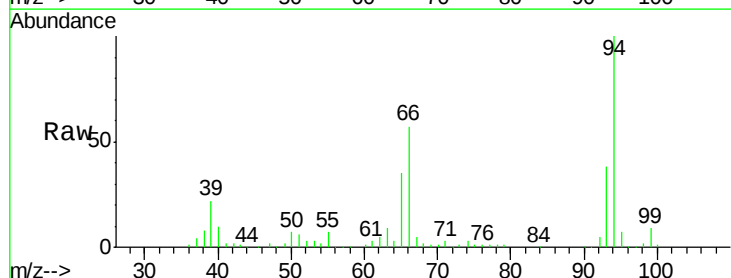
RT: 6.51 min Scan# 387

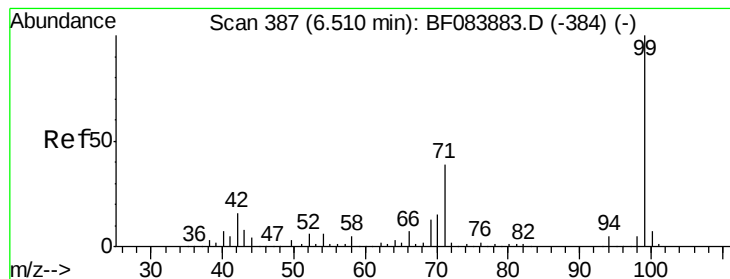
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		99654		
66	148.3	44.9	67.3#		
65	91.4	23.7	35.5#		





#7

Phenol-d6

Concen: 60.61 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

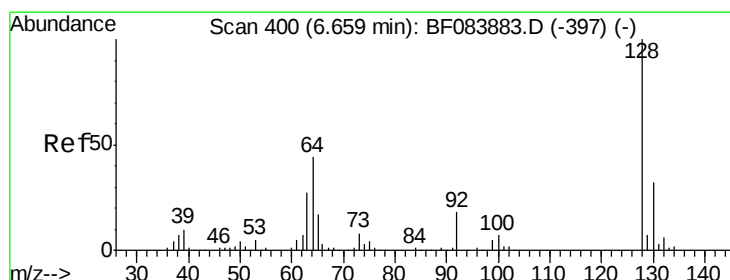
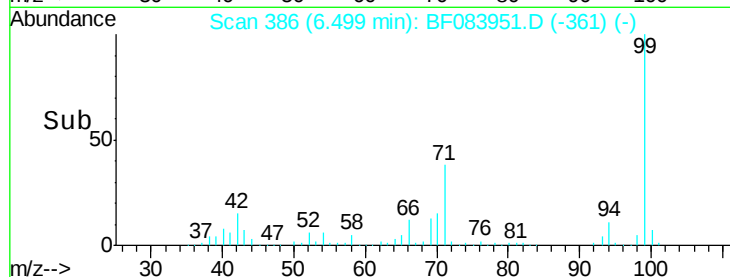
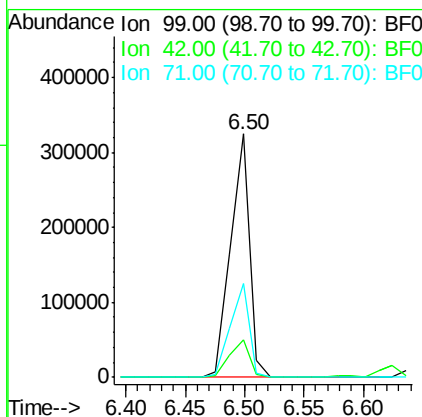
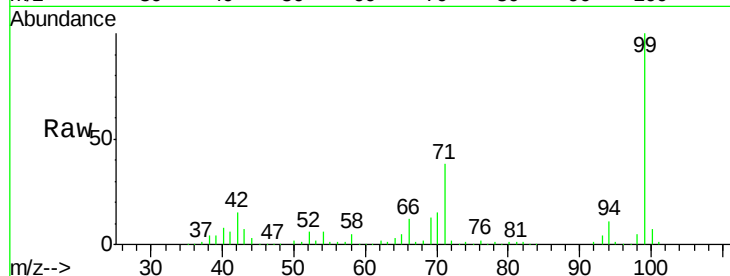
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Tot Ion:	99	Resp:	357541
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.8	19.2
71	38.5	30.9	46.3

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#8

2-Chlorophenol

Concen: 28.44 ng

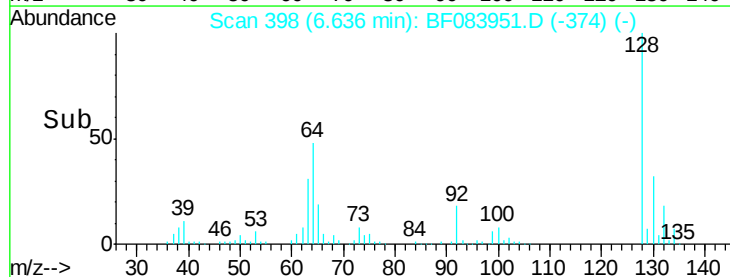
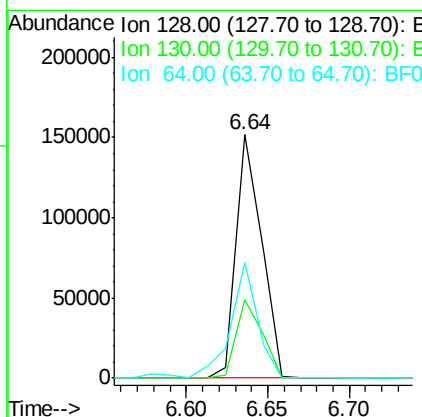
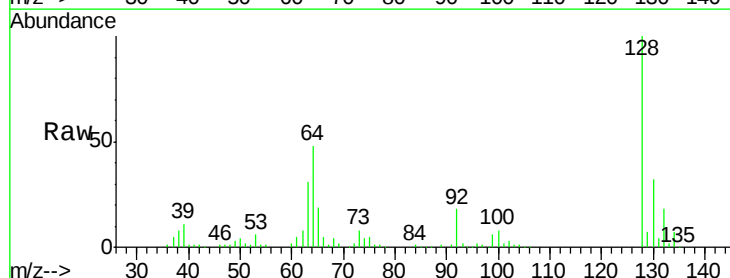
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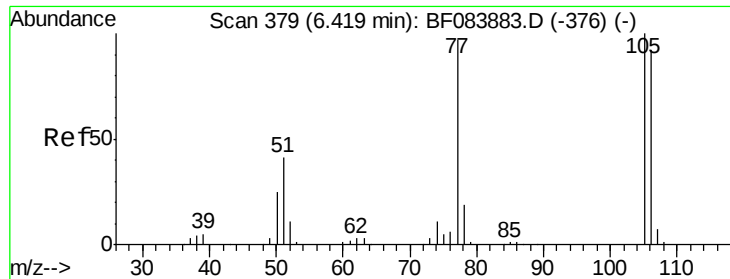
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	128	Resp:	163130
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.6	51.6
64	47.6	23.8	63.8





#9

Benzaldehyde

Concen: 19.68 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

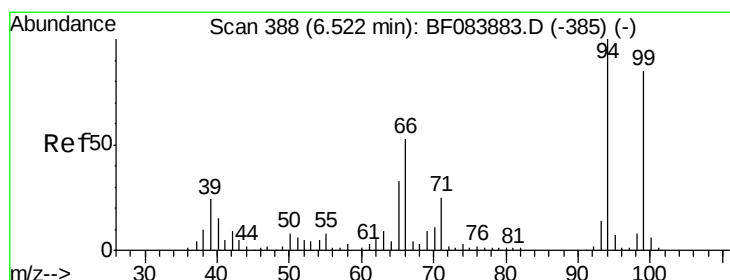
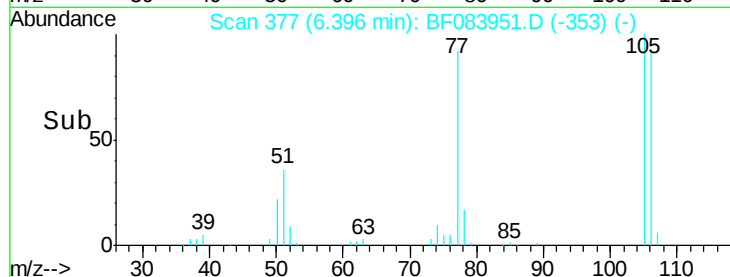
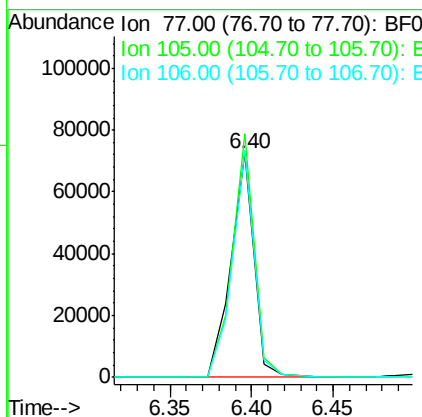
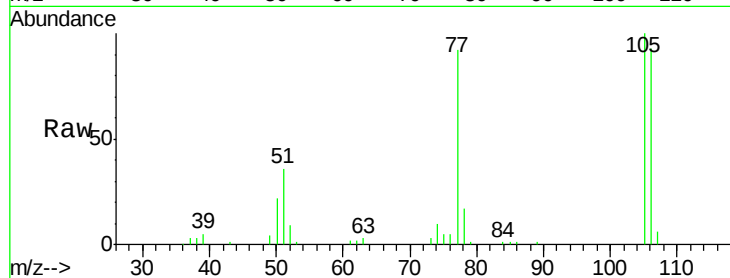
ClientSampleId :

PB87402BS

Tot Ion:	77	Resp:	69947
Ion	Ratio	Lower	Upper
77	100		
105	108.7	83.0	123.0
106	101.6	74.6	114.6

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#10

Phenol

Concen: 30.69 ng

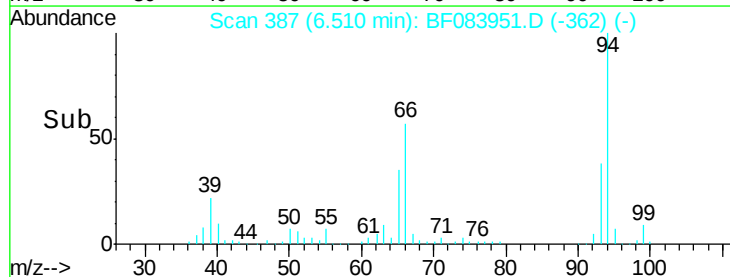
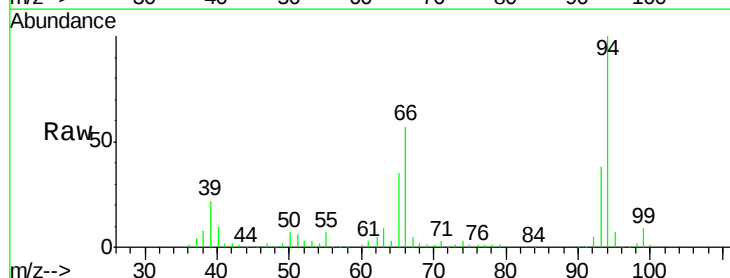
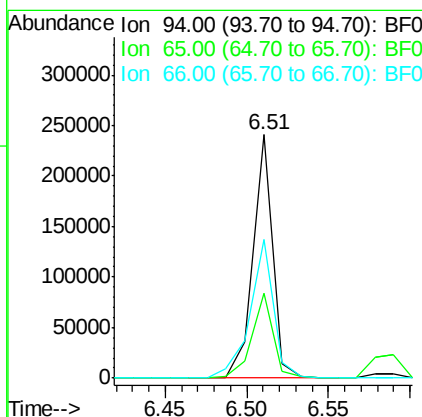
RT: 6.51 min Scan# 387

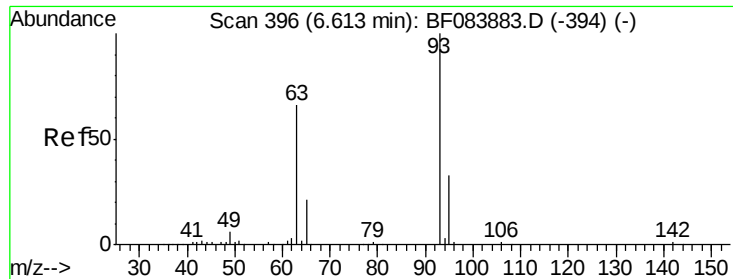
Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	94	Resp:	202007
Ion	Ratio	Lower	Upper
94	100		
65	35.0	12.9	52.9
66	56.7	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 28.79 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

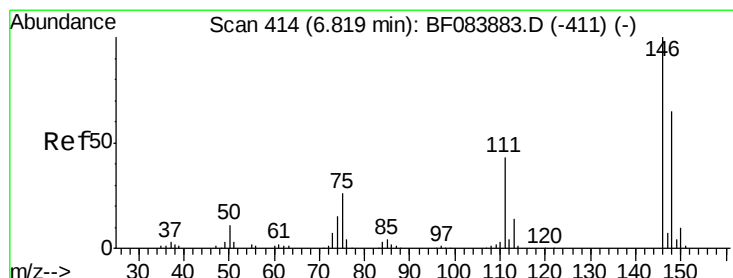
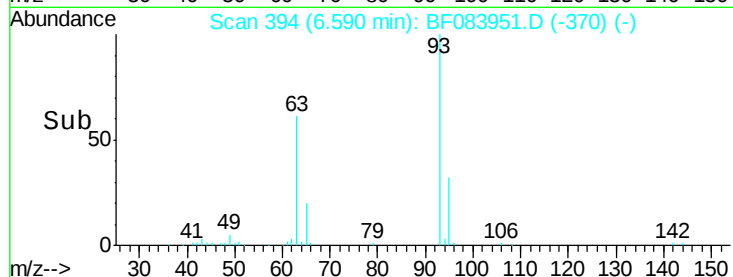
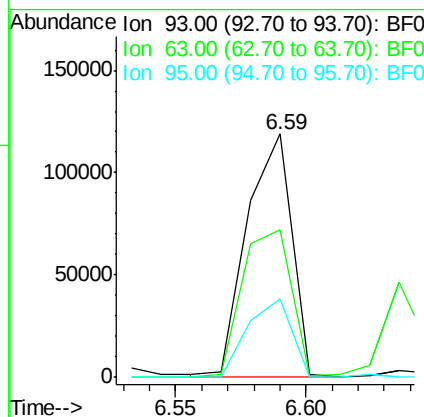
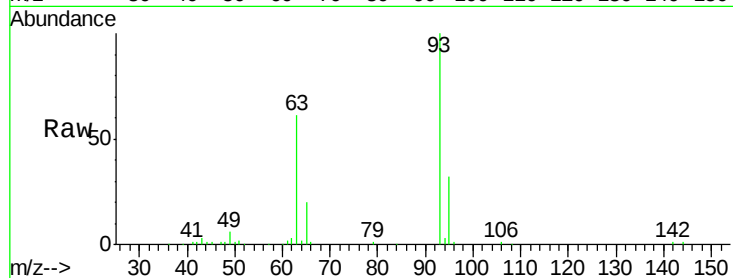
ClientSampleId :

PB87402BS

Tot Ion:	93	Resp:	143962
Ion Ratio	Lower	Upper	
93	100		
63	60.7	45.9	85.9
95	32.4	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 28.07 ng

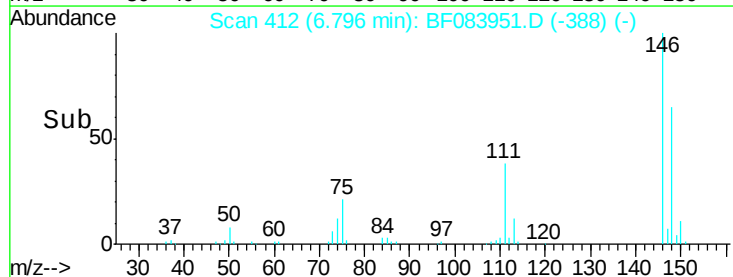
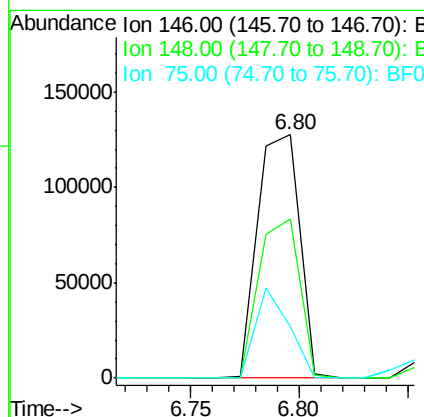
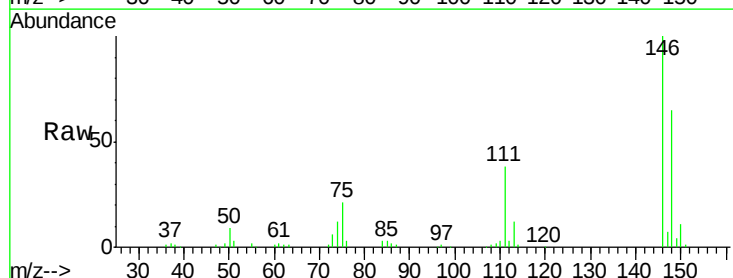
RT: 6.80 min Scan# 412

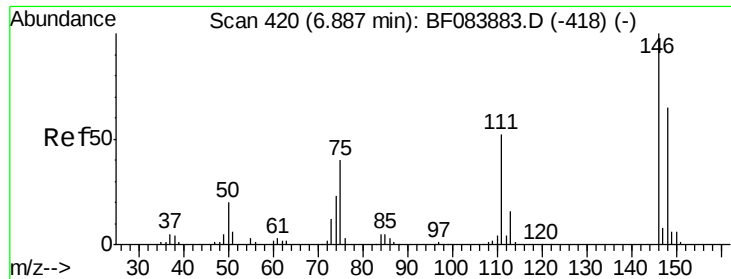
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	146	Resp:	173147
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.9	77.9
75	21.0	20.5	30.7





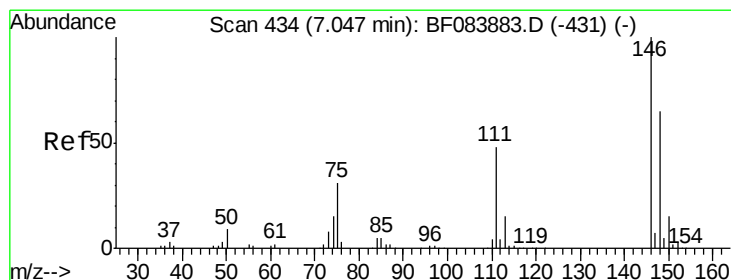
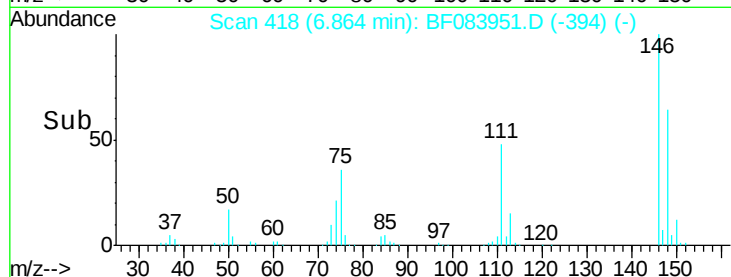
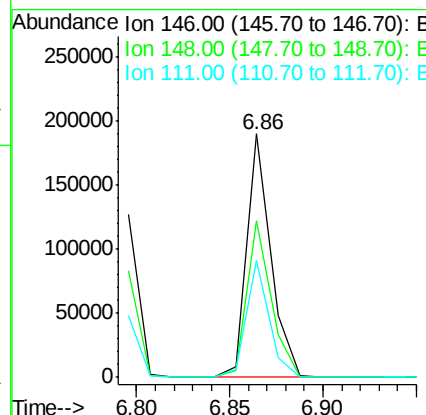
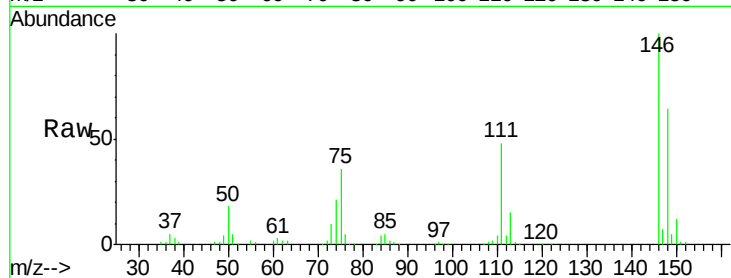
#13
 1,4-Dichlorobenzene
 Concen: 26.97 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	48.1	41.6	62.4

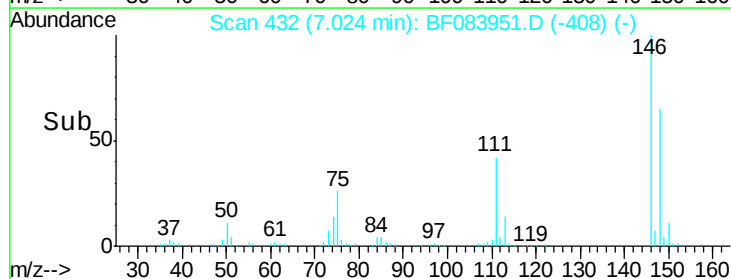
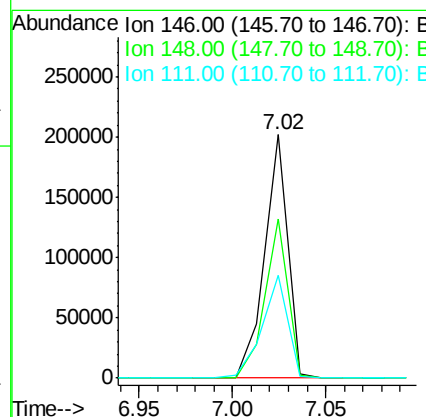
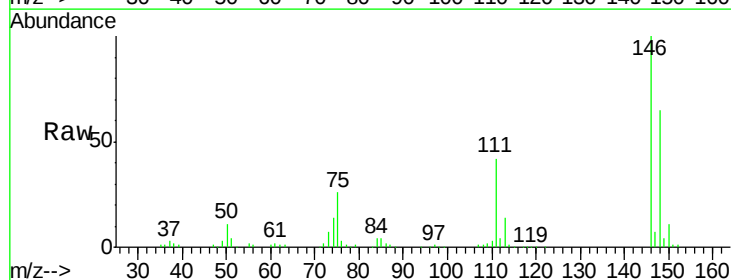
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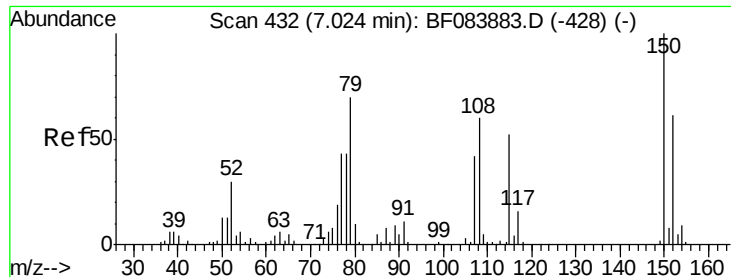
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#14
 1,2-Dichlorobenzene
 Concen: 32.96 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
111	42.5	38.0	57.0





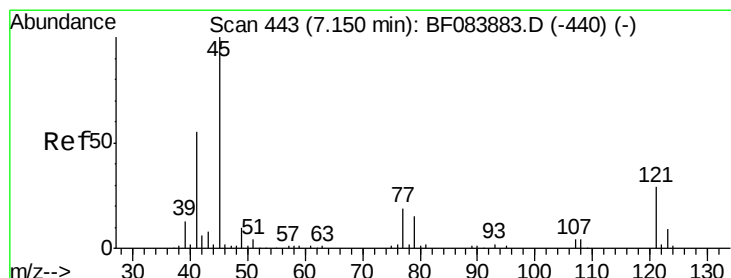
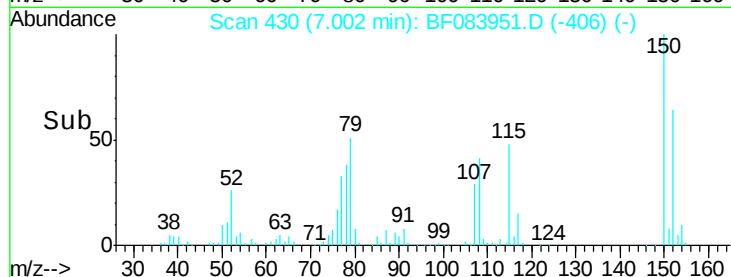
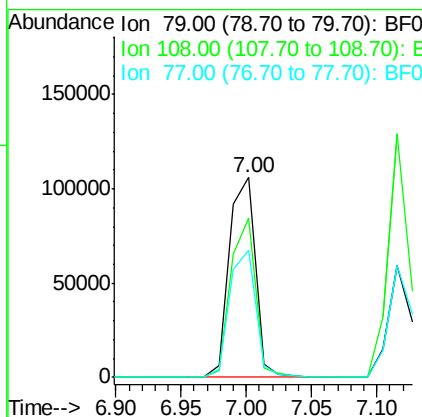
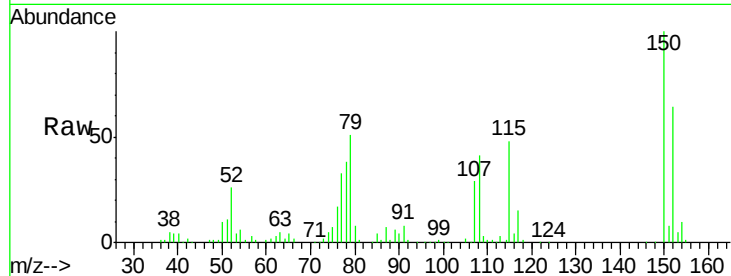
#15
Benzyl Alcohol
Concen: 32.99 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	79.5	69.0	103.4		
77	63.8	50.0	75.0		

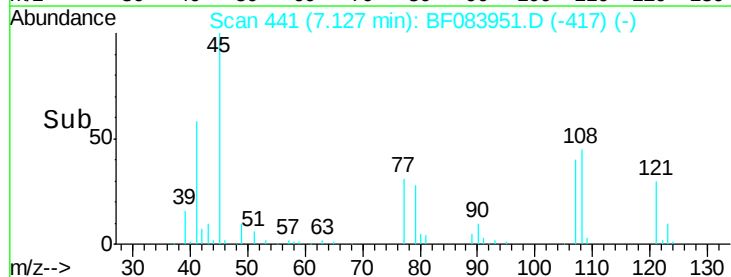
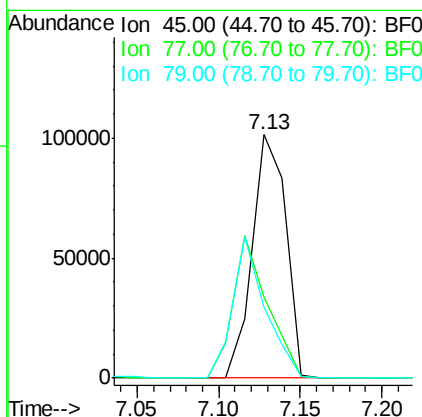
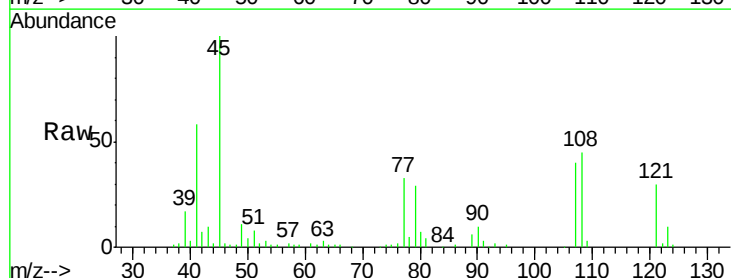
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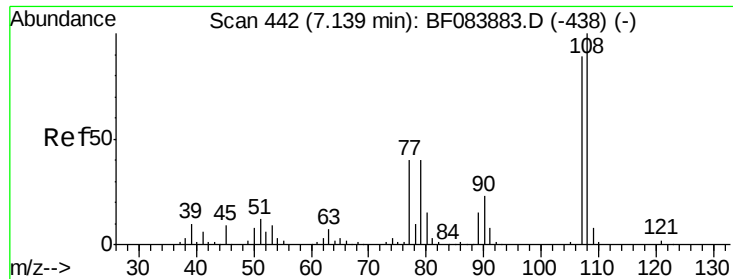
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#16
2,2'-oxybis(1-chloropropane)
Concen: 28.15 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	33.1	0.0	39.6		
79	29.2	0.0	35.0		





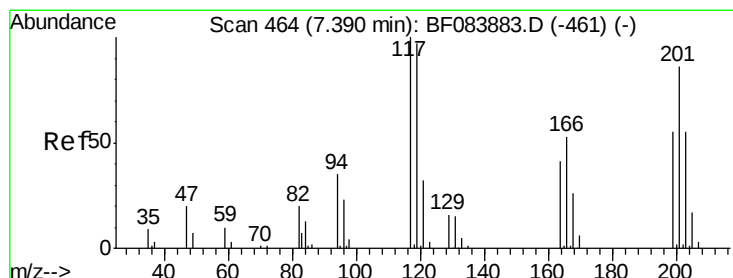
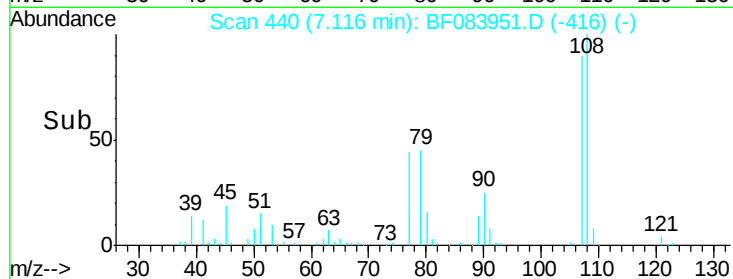
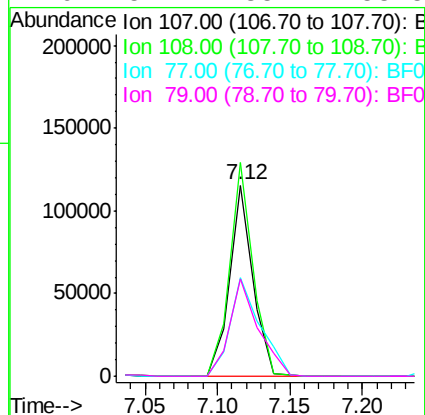
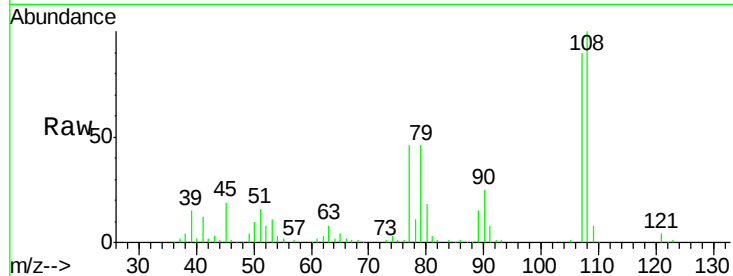
#17
2-Methylphenol
Concen: 28.61 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	89.8	134.6	
77	51.3	35.7	53.5	
79	51.1	35.7	53.5	

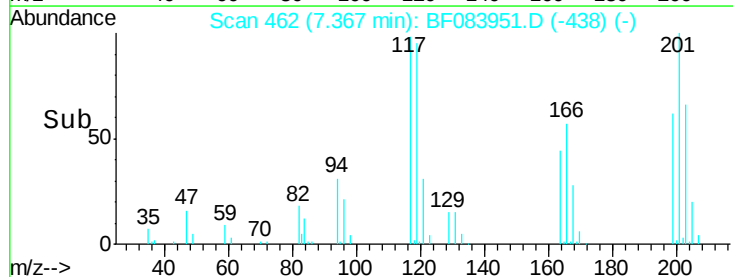
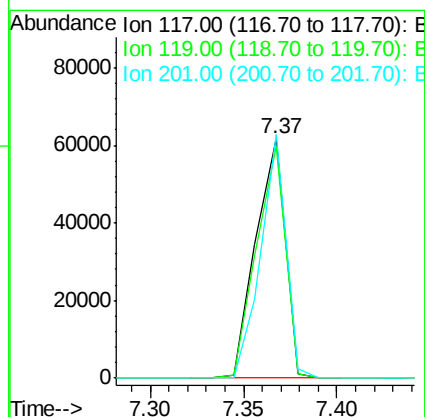
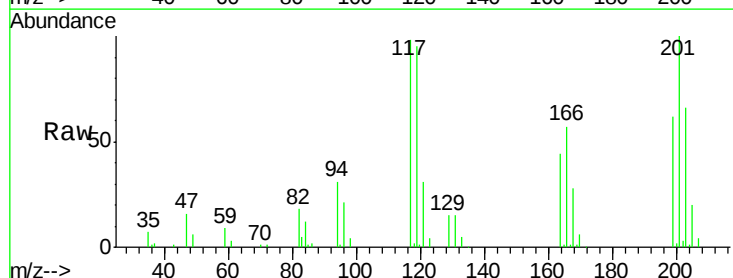
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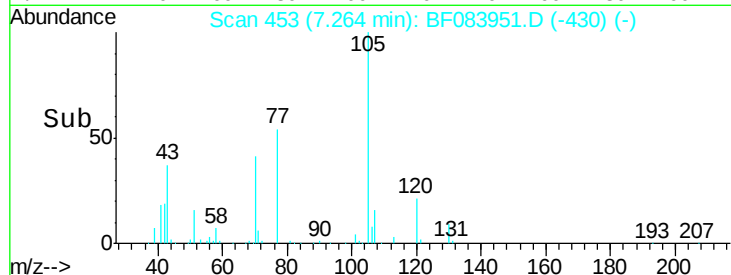
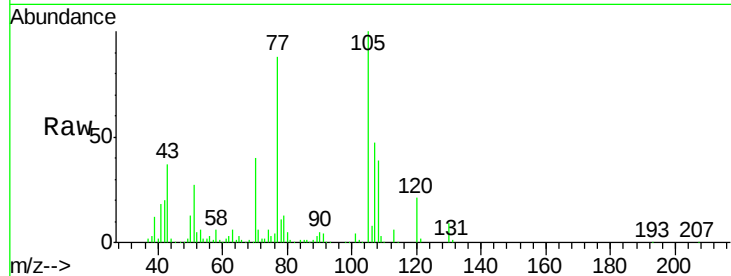
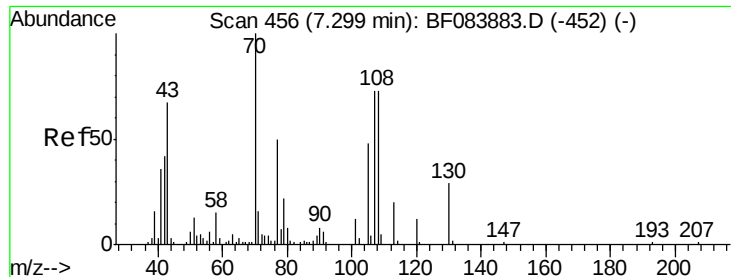
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#18
Hexachloroethane
Concen: 29.13 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.4	116.0	
201	101.7	68.6	103.0	





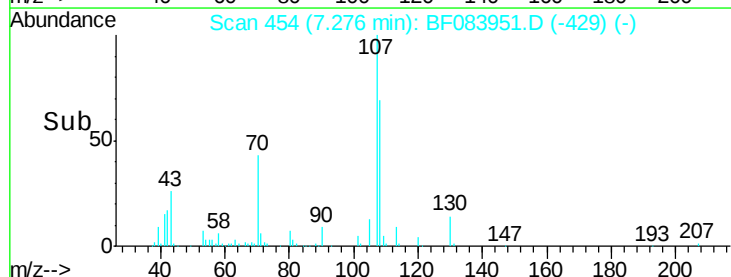
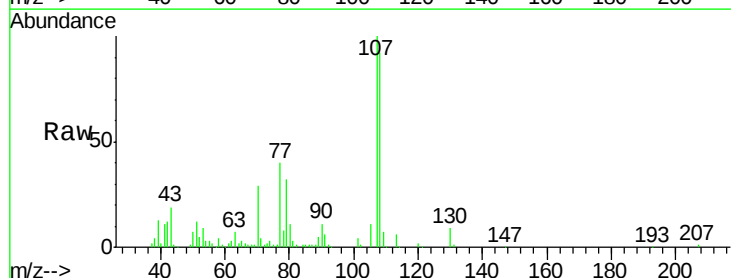
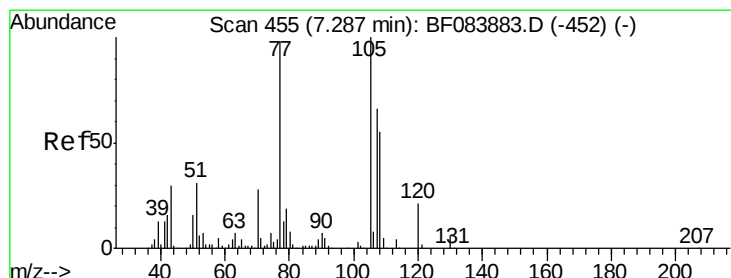
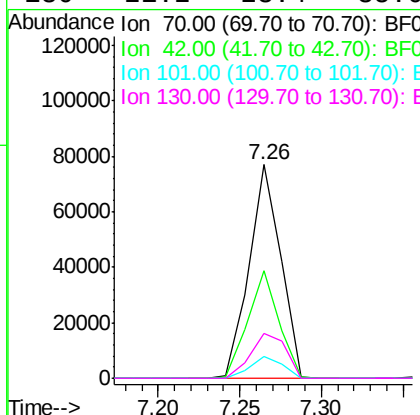
#19
n-Nitroso-di-n-propylamine
Concen: 30.05 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.5	33.3	49.9#
101	10.0	9.3	13.9
130	21.2	23.4	35.0#

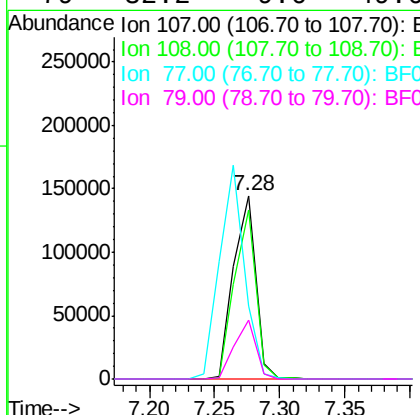
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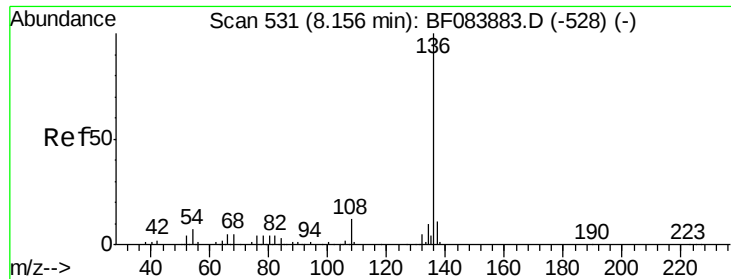
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#20
3+4-Methylphenols
Concen: 32.52 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	64.1	104.1
77	39.6	128.9	168.9#
79	32.2	9.6	49.6





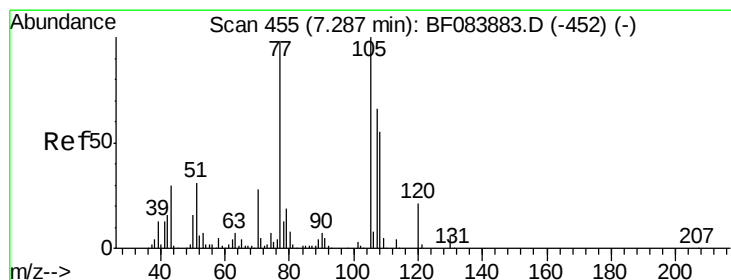
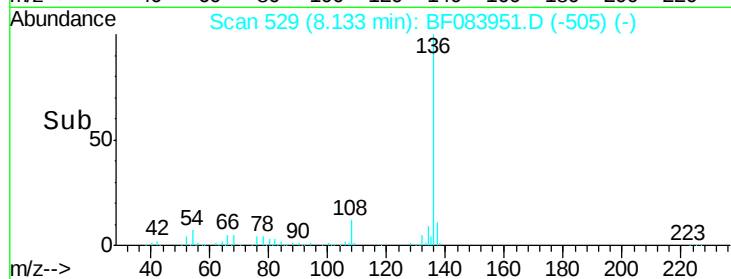
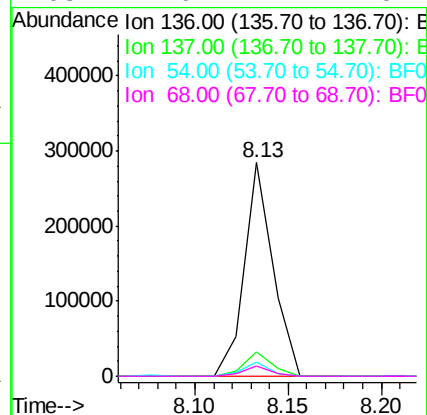
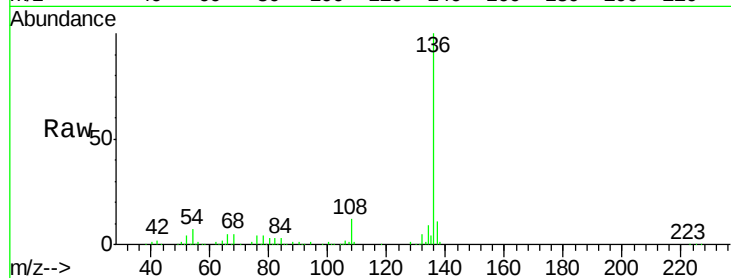
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		302846		
137	11.2		8.7	13.1	
54	6.7		5.8	8.8	
68	4.9		4.2	6.2	

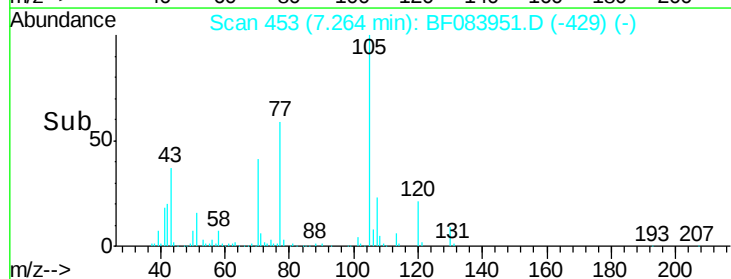
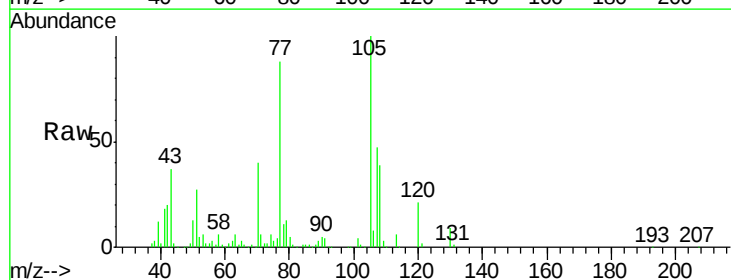
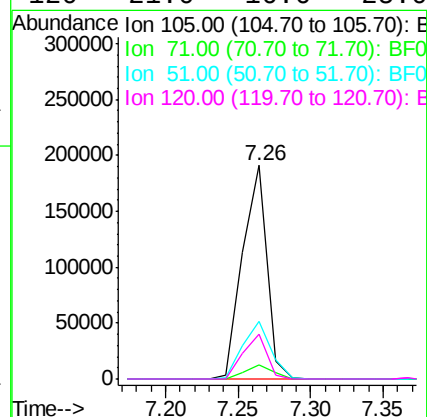
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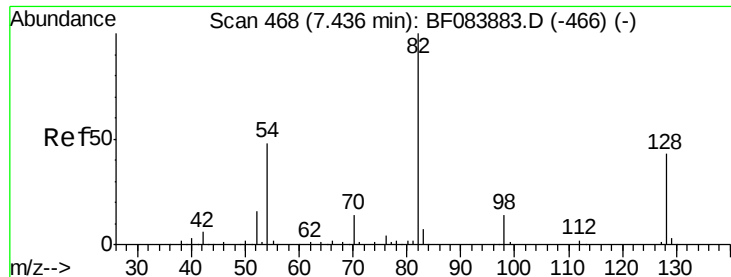
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#22
Acetophenone
Concen: 30.67 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		223625		
71	6.3		3.7	5.5#	
51	26.8		25.1	37.7	
120	21.0		16.6	25.0	





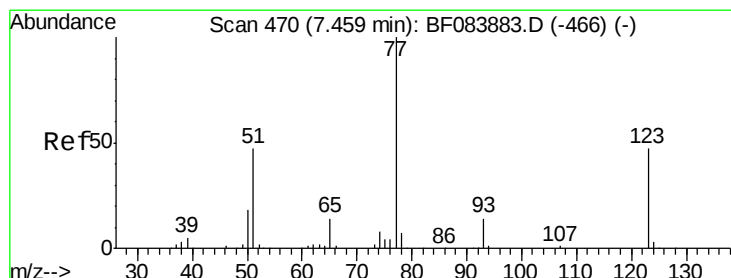
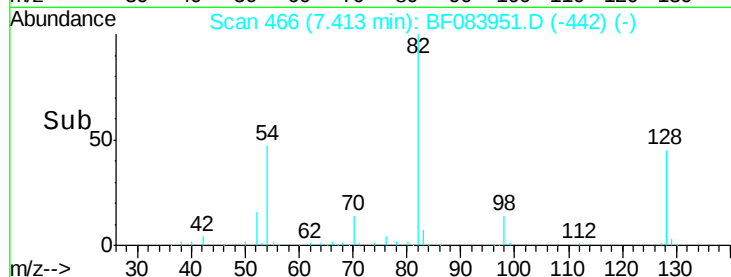
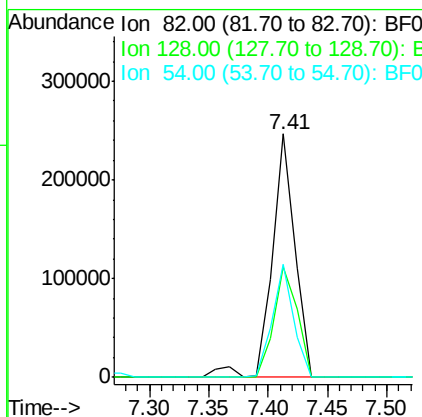
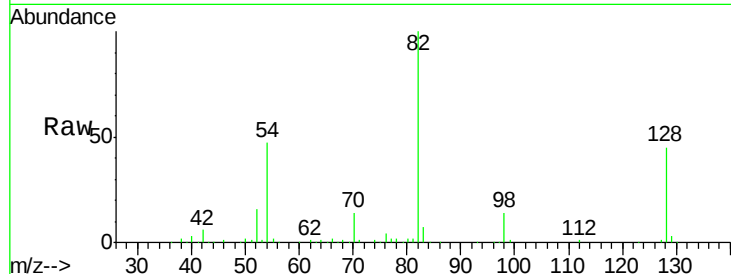
#23
 Nitrobenzene-d5
 Concen: 61.72 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	46.7	38.4	57.6

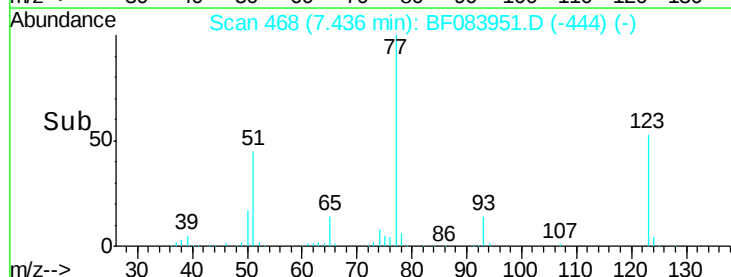
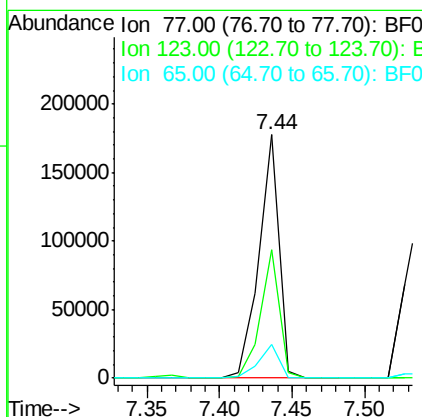
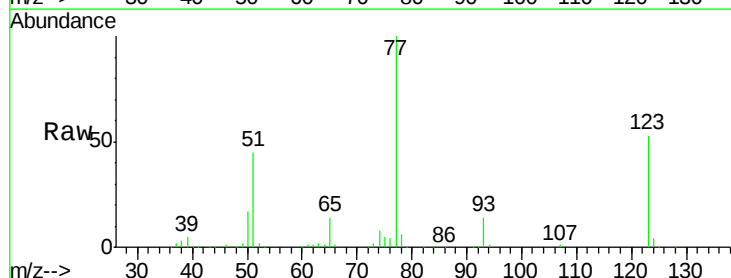
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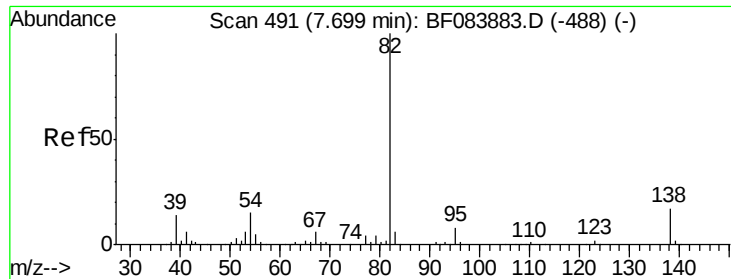
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#24
 Nitrobenzene
 Concen: 31.20 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	37.4	56.2
65	13.8	10.9	16.3





#25

Isophorone

Concen: 29.57 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

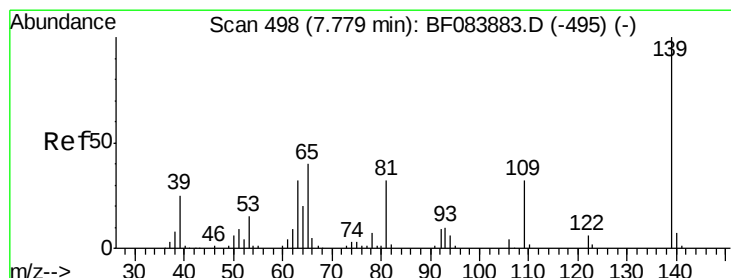
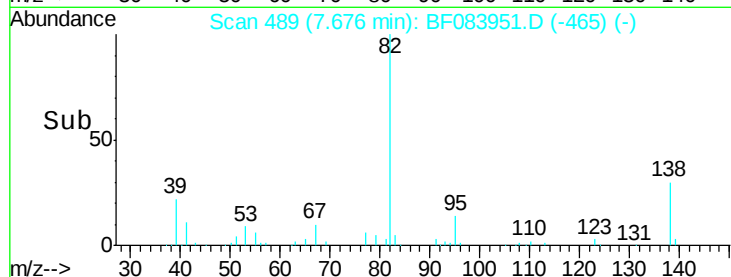
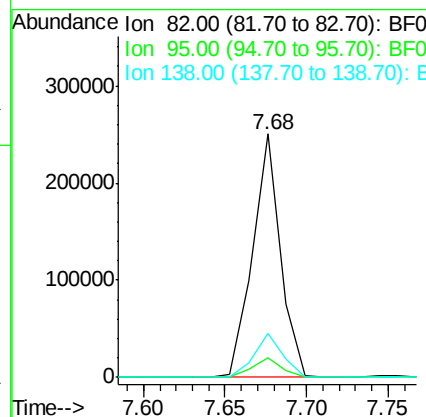
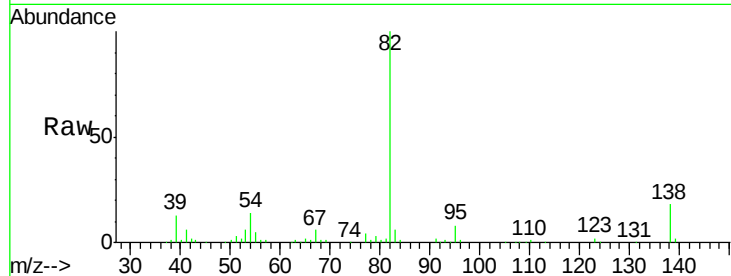
ClientSampleId :

PB87402BS

Tot Ion:	82	Resp:	295212
Ion Ratio		Lower	Upper
82	100		
95	8.3	6.6	10.0
138	18.0	13.6	20.4

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#26

2-Nitrophenol

Concen: 32.15 ng

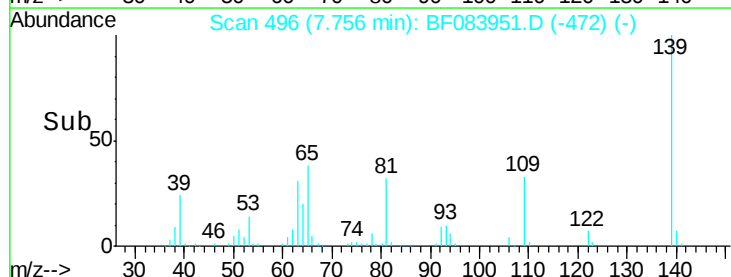
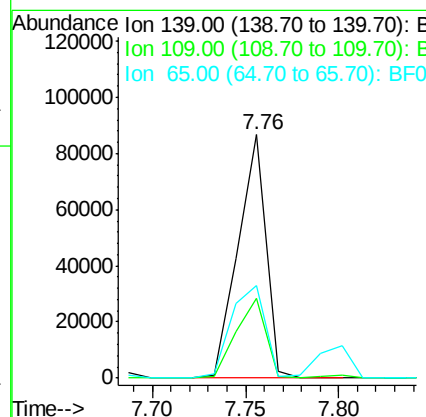
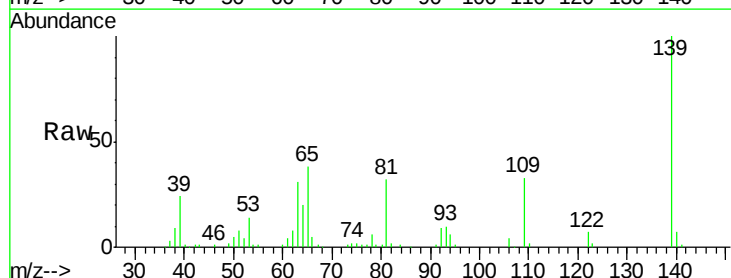
RT: 7.76 min Scan# 496

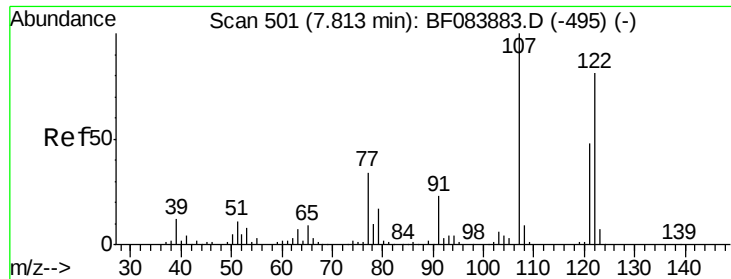
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	139	Resp:	91334
Ion Ratio		Lower	Upper
139	100		
109	32.9	25.4	38.2
65	37.8	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 33.27 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

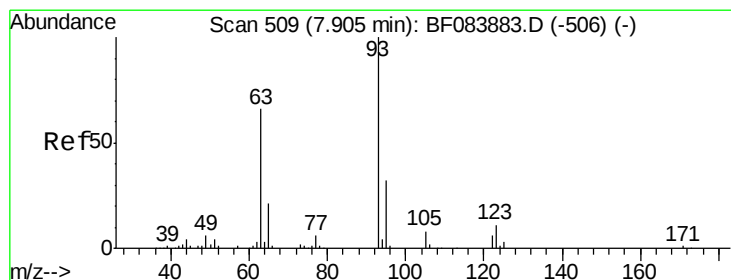
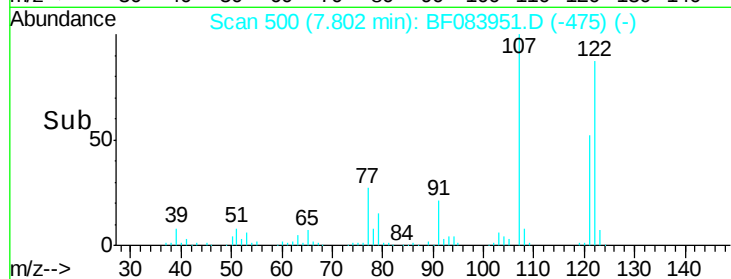
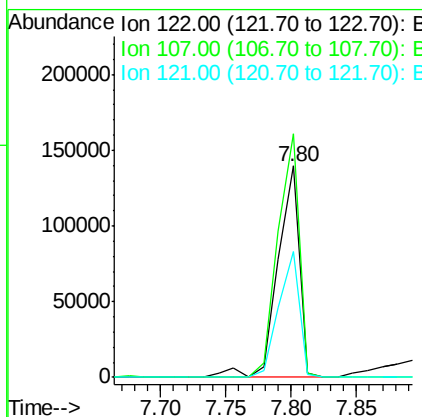
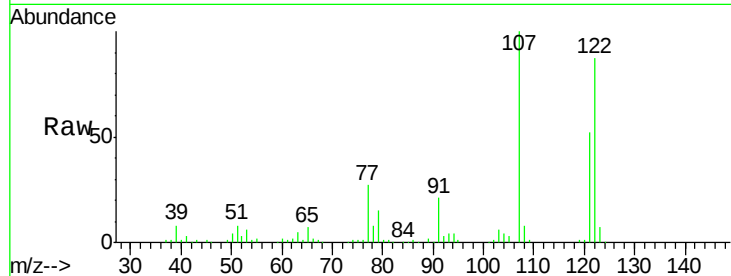
ClientSampleId :

PB87402BS

Tot Ion:	122	Resp:	162820
Ion Ratio	Lower	Upper	
122	100		
107	115.3	99.1	148.7
121	59.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 29.25 ng

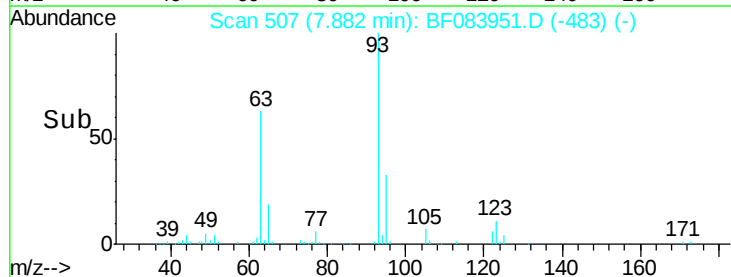
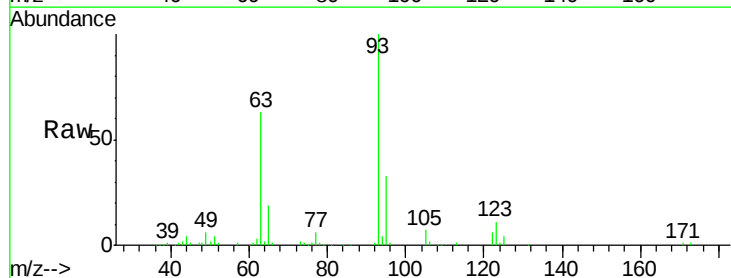
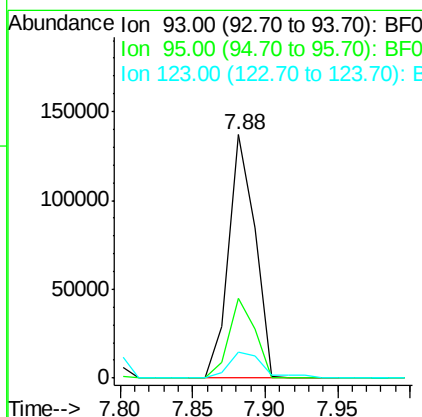
RT: 7.88 min Scan# 507

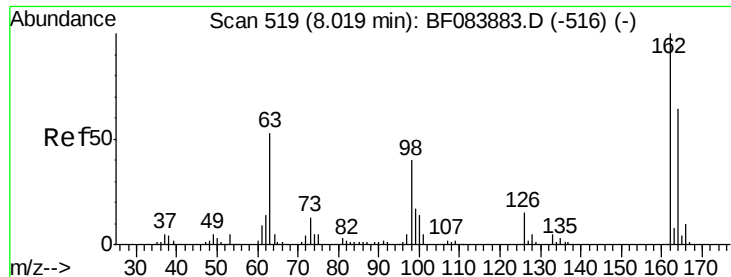
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	93	Resp:	172748
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.8	38.6
123	10.7	8.6	12.8





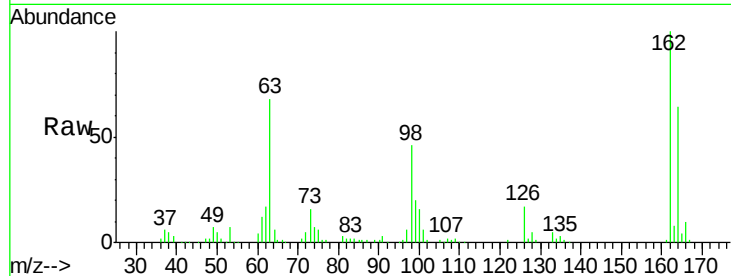
#29
2,4-Dichlorophenol
Concen: 29.88 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

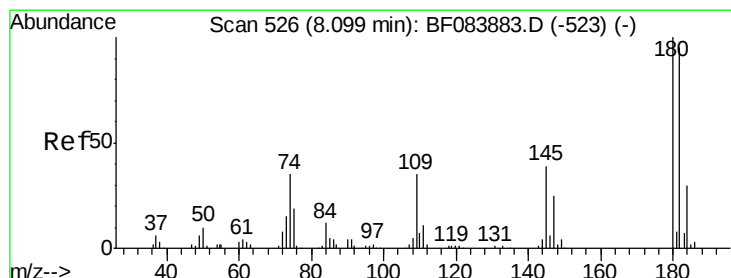
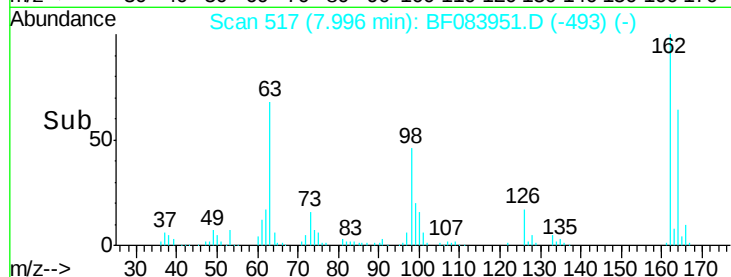
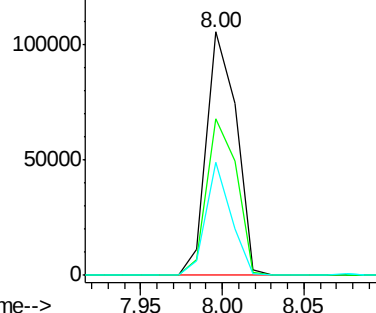
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.1	84.1
98	46.3	20.2	60.2

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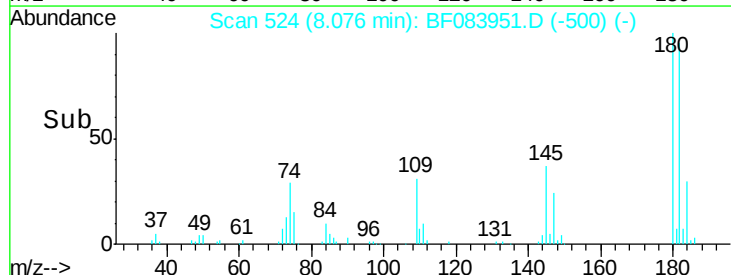
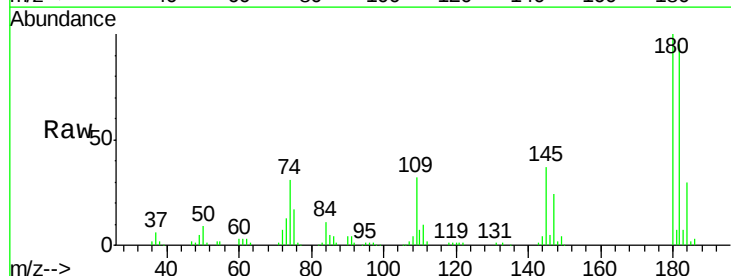
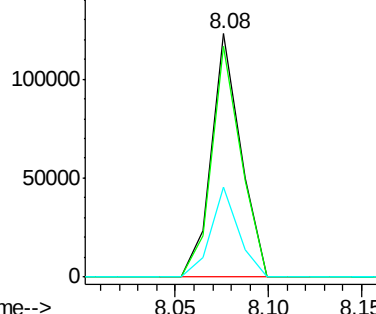
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

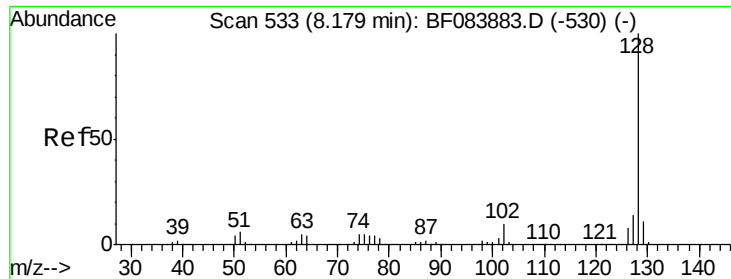


#30
1,2,4-Trichlorobenzene
Concen: 28.32 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	76.4	114.6
145	37.0	31.6	47.4

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





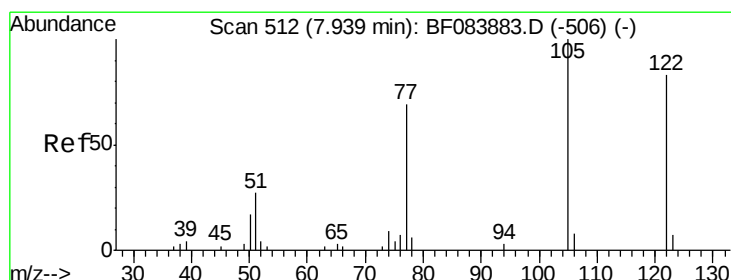
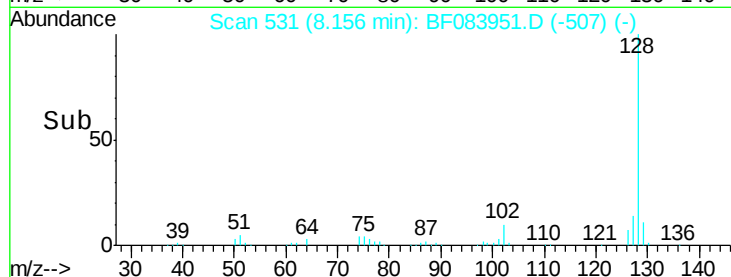
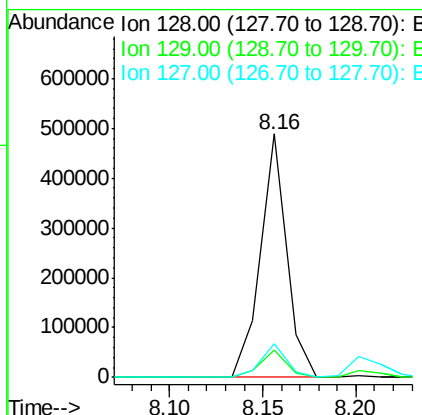
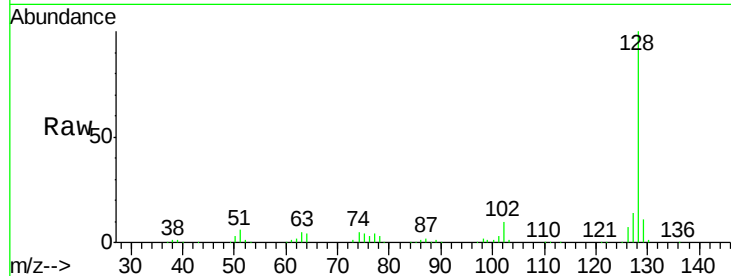
#31
Naphthalene
Concen: 30.35 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.1	13.7	
127	13.6	11.1	16.7	

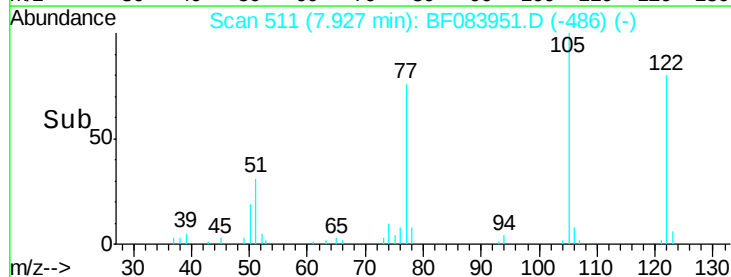
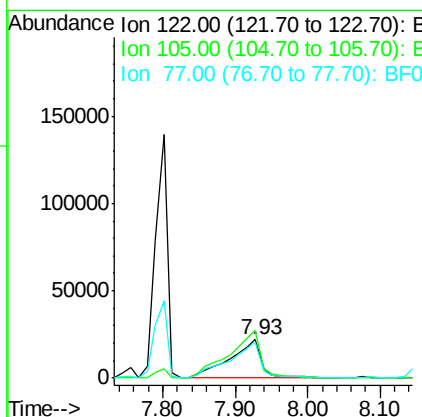
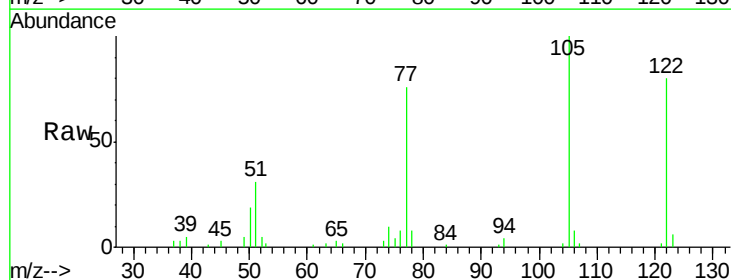
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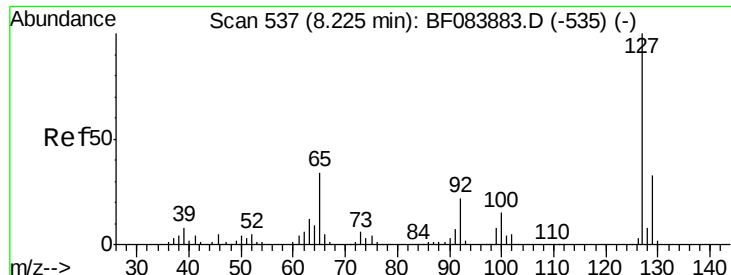
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#32
Benzoic acid
Concen: 40.39 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.4	100.3	140.3	
77	95.4	63.5	103.5	





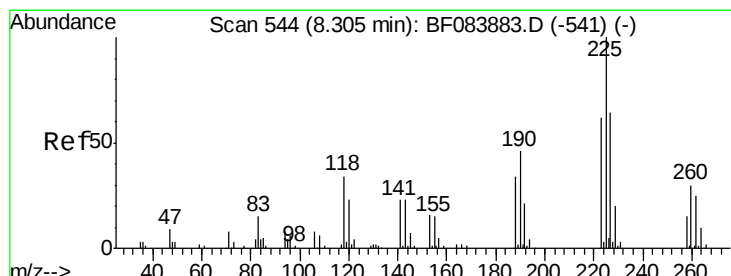
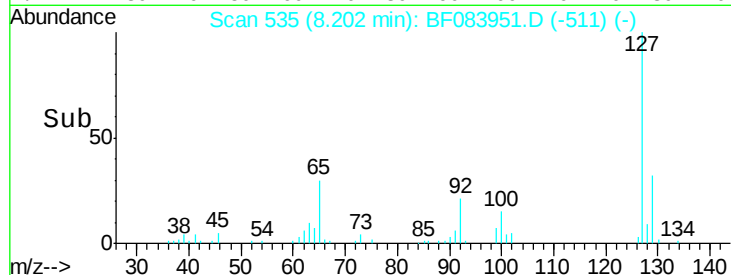
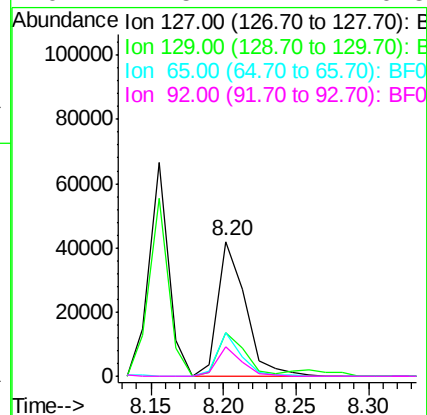
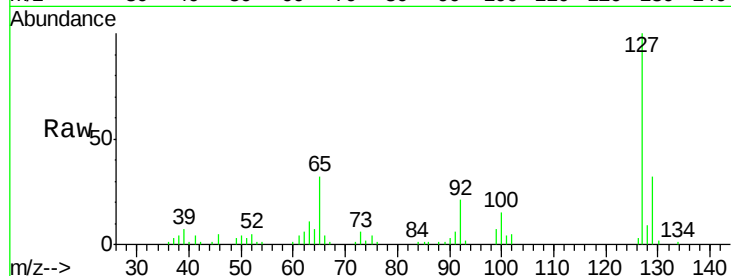
#33
4-Chloroaniline
Concen: 8.14 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		55990		
129	32.3	26.5	39.7		
65	32.2	27.2	40.8		
92	21.5	17.7	26.5		

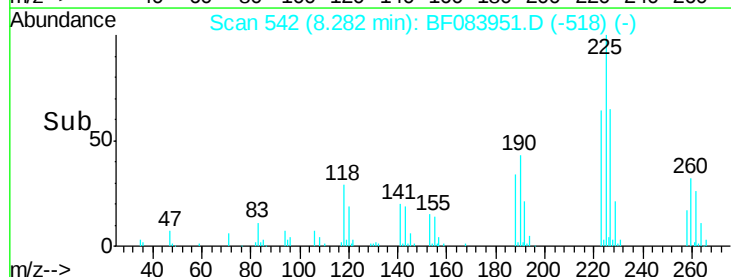
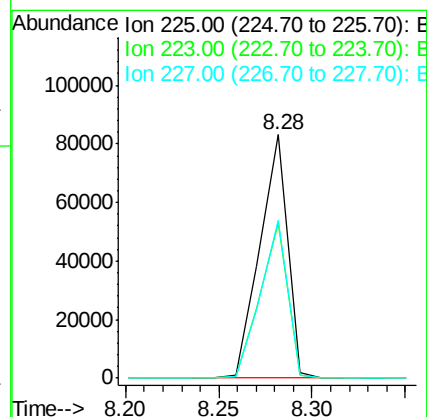
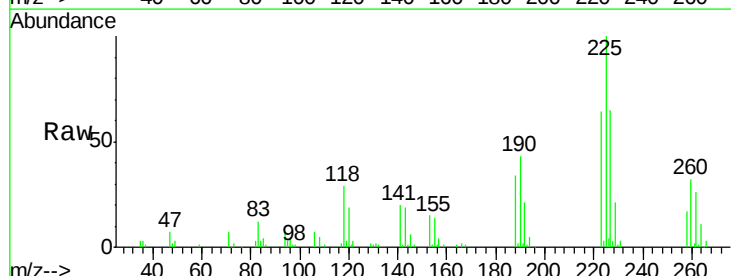
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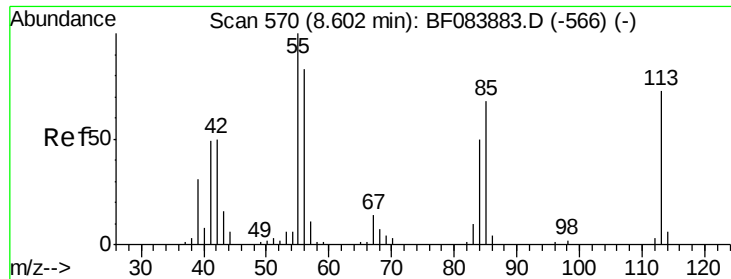
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#34
Hexachlorobutadiene
Concen: 28.57 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		85053		
223	63.8	49.4	74.0		
227	64.8	50.8	76.2		





#35

Caprolactam

Concen: 31.80 ng/mL

RT: 8.58 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

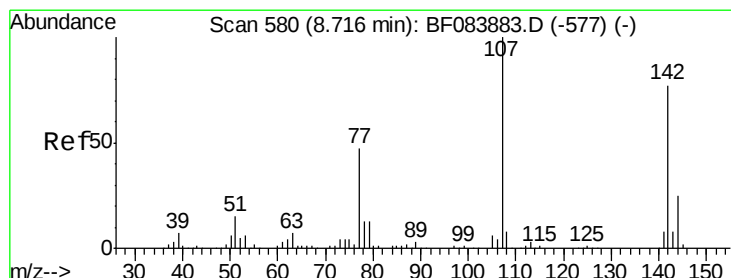
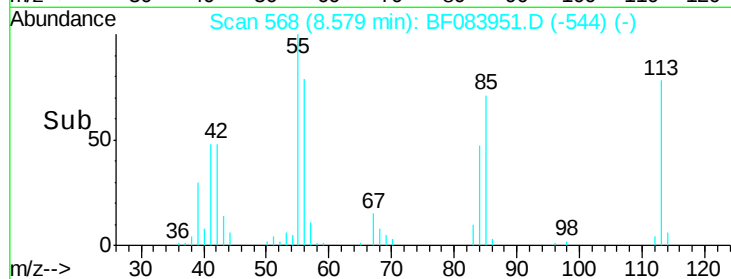
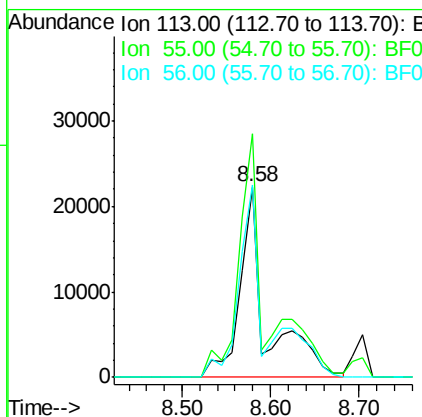
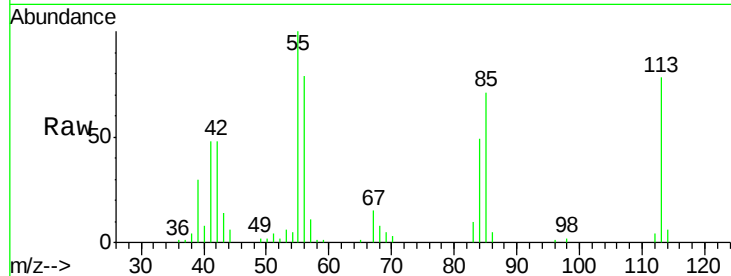
ClientSampleId :

PB87402BS

Tot Ion:	113	Resp:	46643
Ion Ratio	Lower	Upper	
113	100		
55	128.0	116.9	156.9
56	101.2	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 33.03 ng/mL

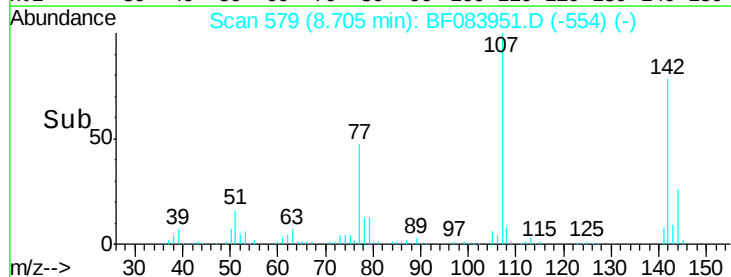
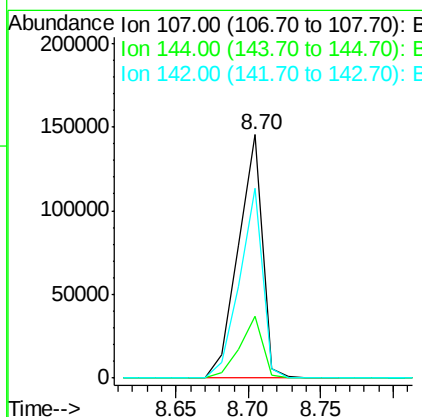
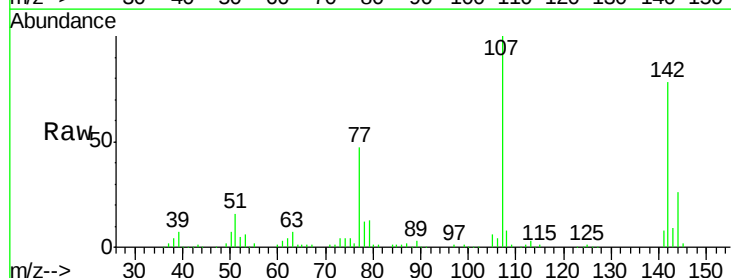
RT: 8.70 min Scan# 579

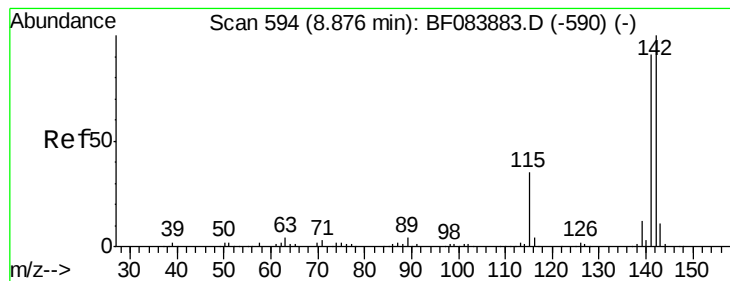
Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	107	Resp:	167850
Ion Ratio	Lower	Upper	
107	100		
144	25.6	19.7	29.5
142	78.1	61.8	92.6





#37

2-Methylnaphthalene

Concen: 32.51 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

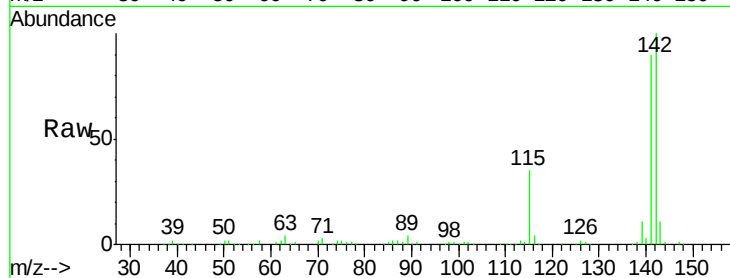
ClientSampleId :

PB87402BS

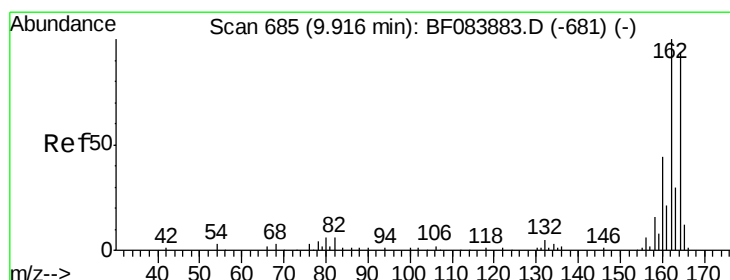
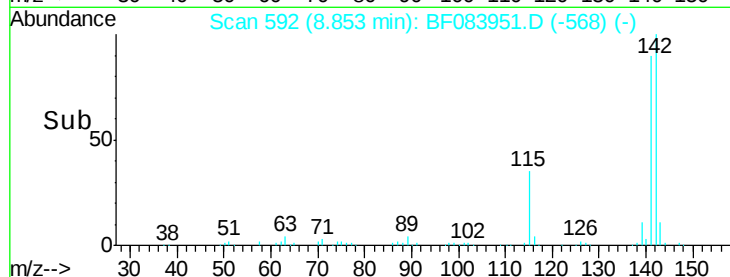
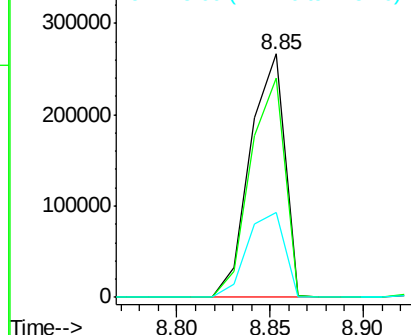
Tot Ion:	142	Resp:	342142
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.4	108.6
115	34.8	27.9	41.9

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



#38

Acenaphthene-d10

Concen: 20.00 ng

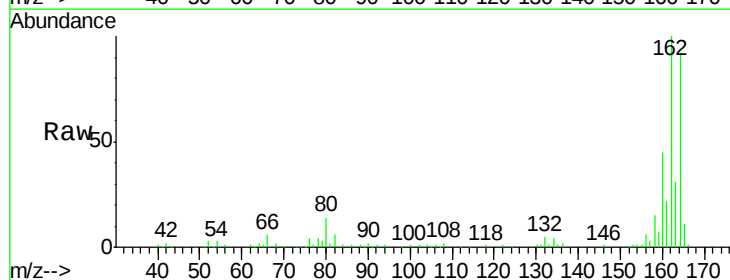
RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

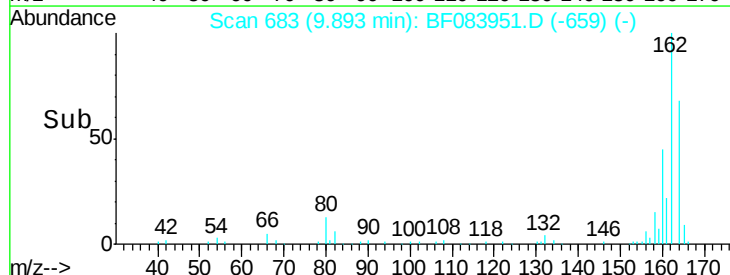
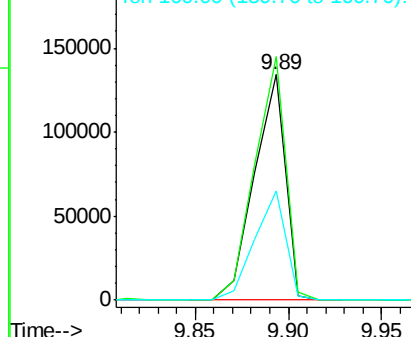
Lab File: BF083951.D

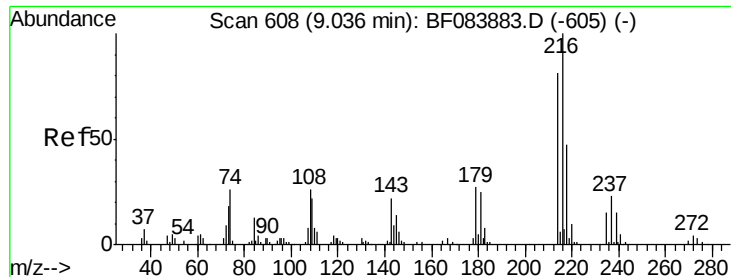
Acq: 19 Dec 2015 13:44

Tgt Ion:	164	Resp:	153618
Ion Ratio	Lower	Upper	
164	100		
162	108.1	85.1	127.7
160	48.6	37.5	56.3



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





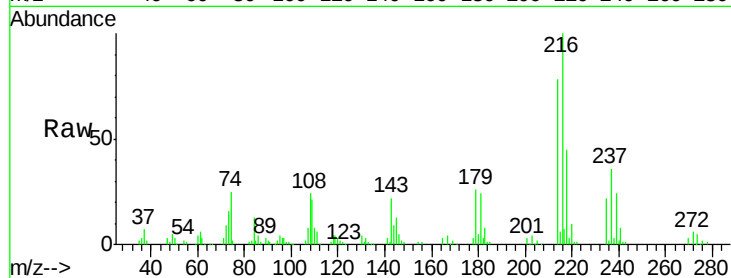
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.15 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

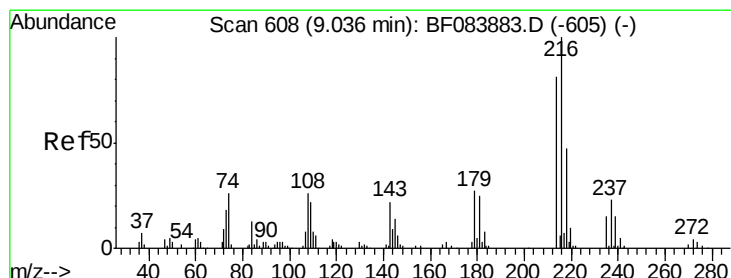
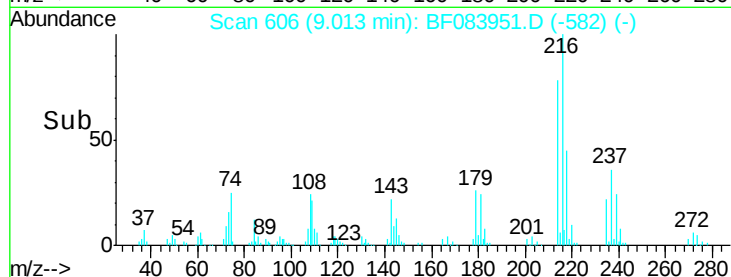
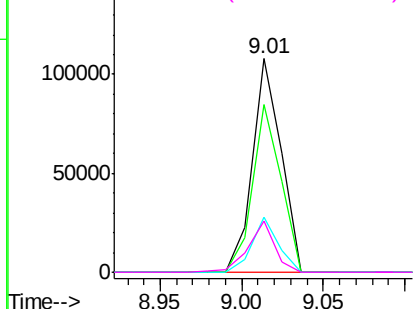
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.5	64.2	96.2		
179	23.4	18.7	28.1		
108	22.5	16.8	25.2		

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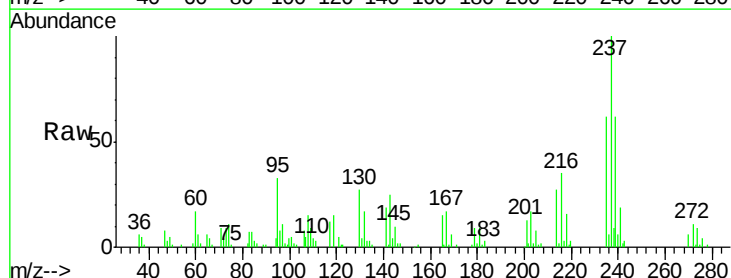


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

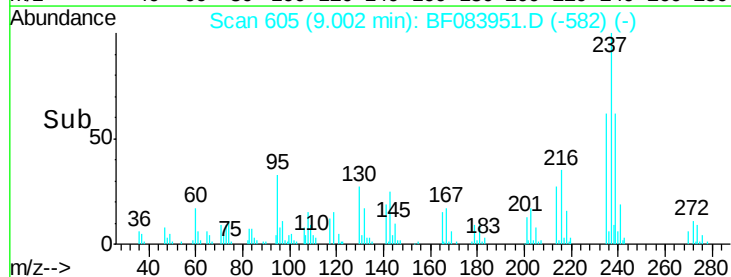
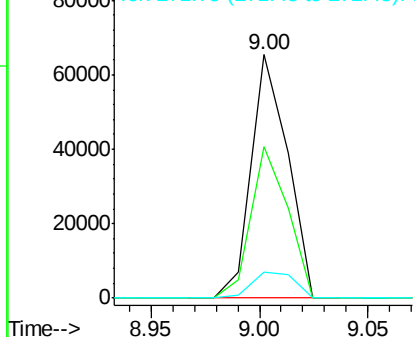


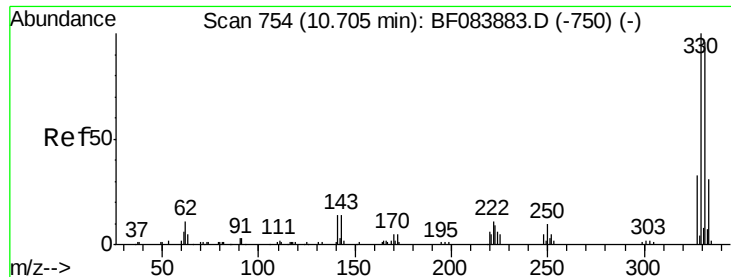
#40
 Hexachlorocyclopentadiene
 Concen: 54.96 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	43.1	83.1		
272	10.9	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





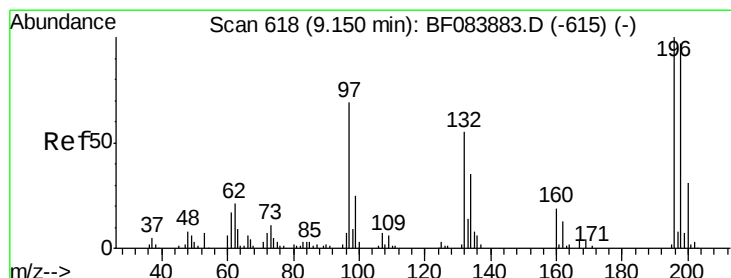
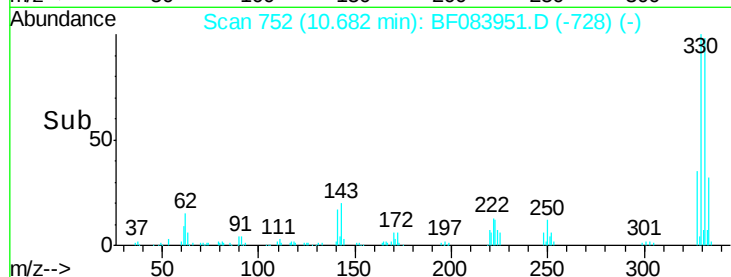
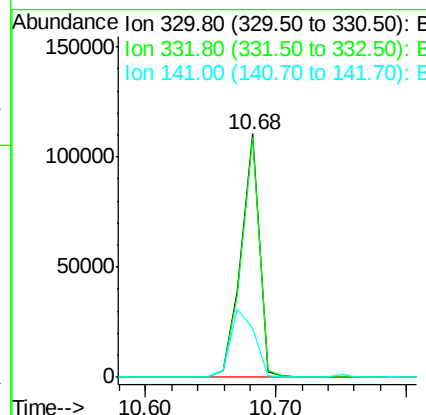
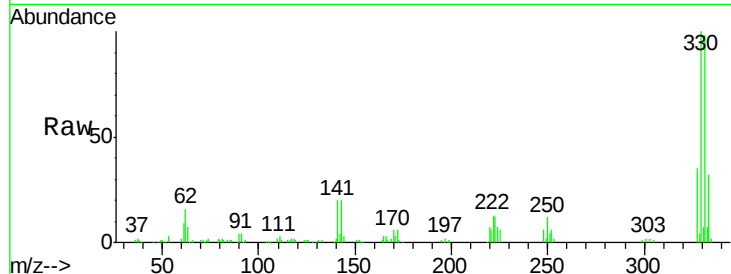
#41
 2,4,6-Tribromophenol
 Concen: 63.75 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	107889		
332	97.6		76.6	114.8
141	36.0		27.8	41.6

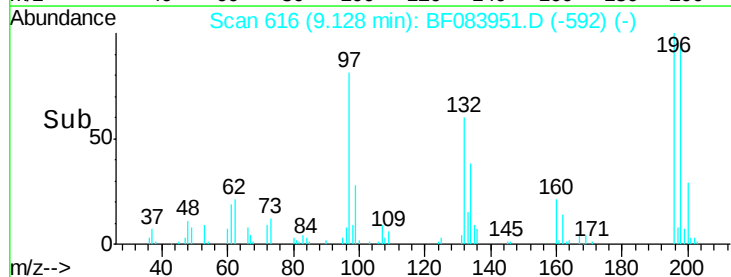
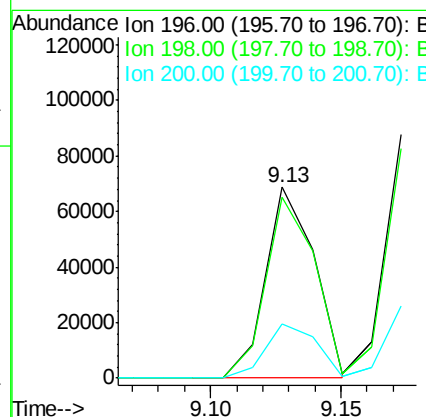
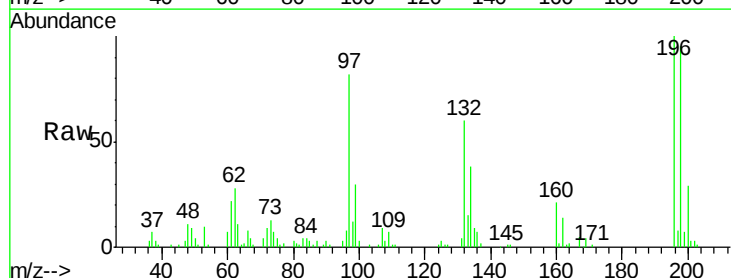
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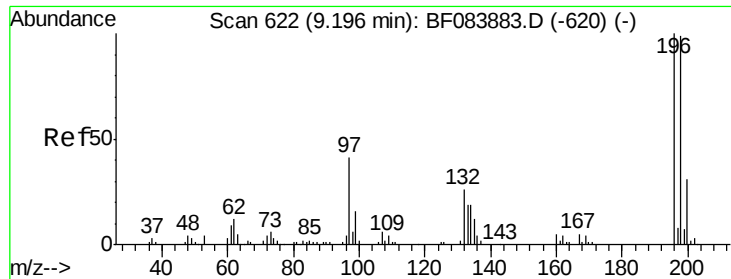
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#42
 2,4,6-Trichlorophenol
 Concen: 27.55 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88116		
198	95.1		77.7	116.5
200	28.6		24.6	37.0





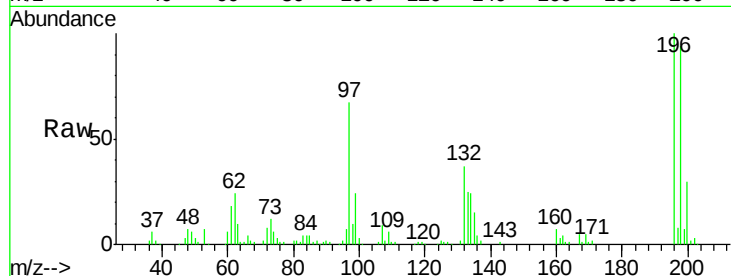
#43
 2,4,5-Trichlorophenol
 Concen: 29.63 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

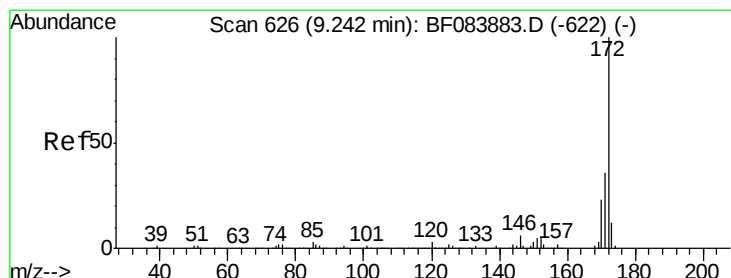
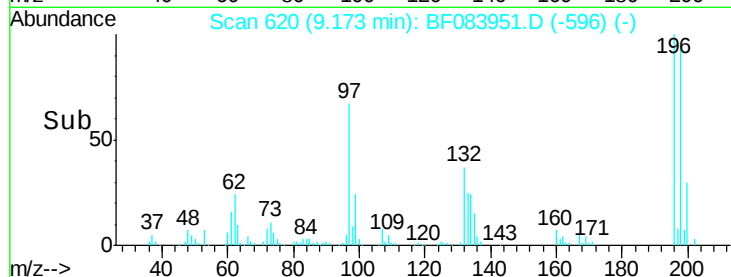
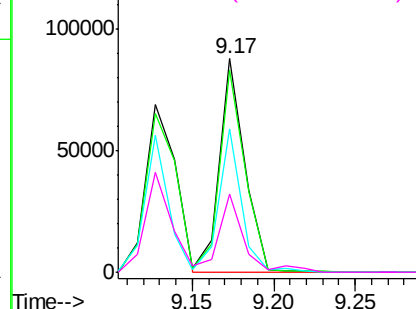
Tot Ion:	196	Resp:	93764
Ion Ratio	Lower	Upper	
196	100		
198	94.5	79.0	118.6
97	67.3	33.0	49.6#
132	36.6	21.1	31.7#

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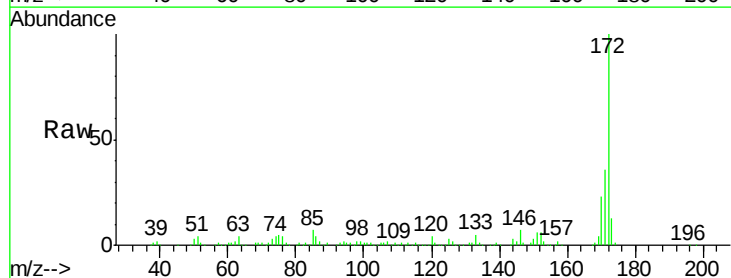


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

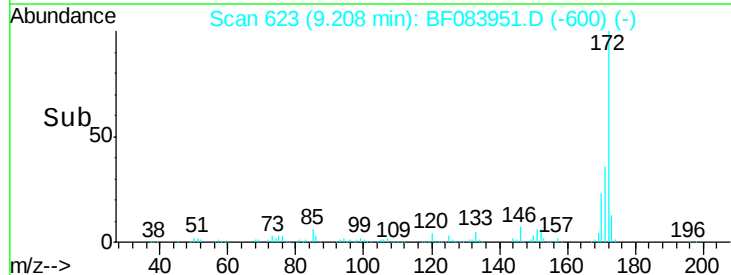
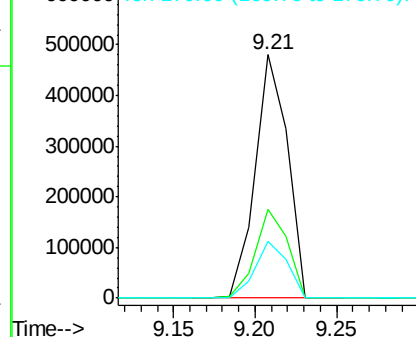


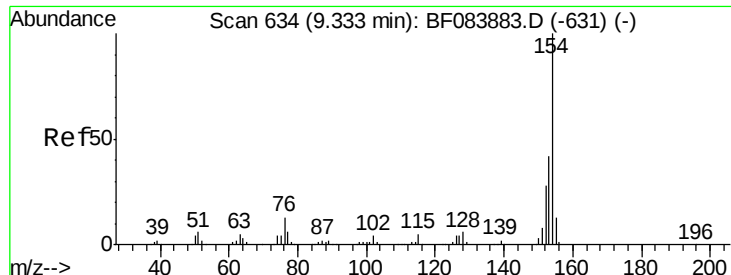
#44
 2-Fluorobiphenyl
 Concen: 57.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion:	172	Resp:	659047
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.9	43.3
170	23.4	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 28.86 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

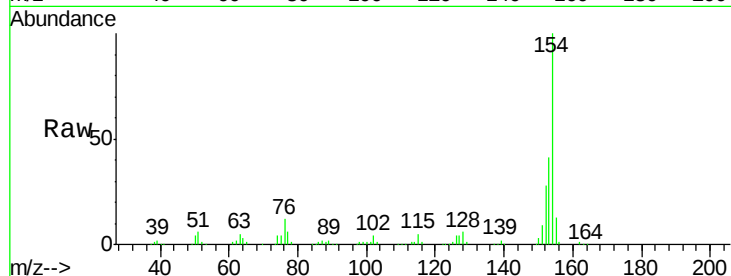
ClientSampleId :

PB7402BS

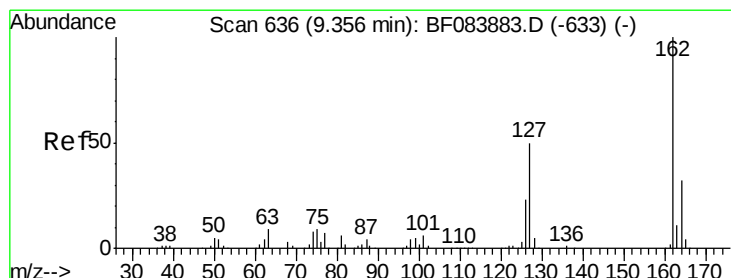
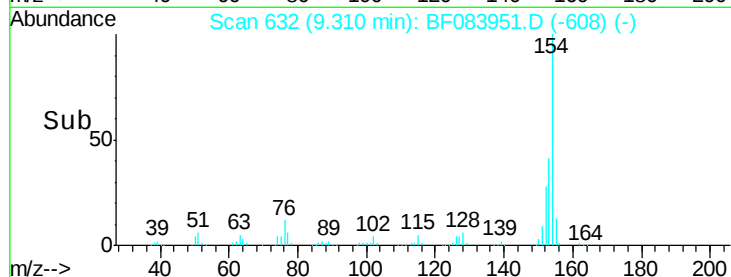
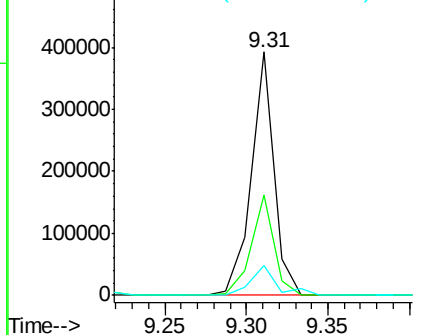
Tot Ion:	154	Resp:	379785
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.6	61.6
76	12.3	0.0	32.7

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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: 27.75 ng

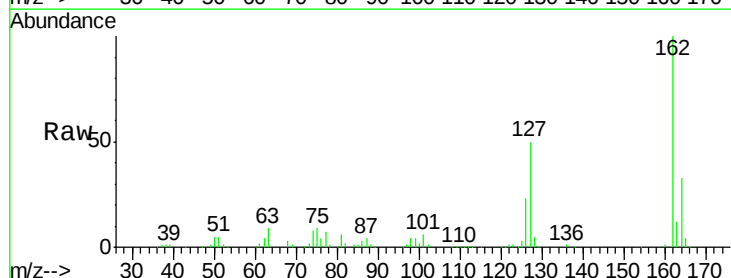
RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

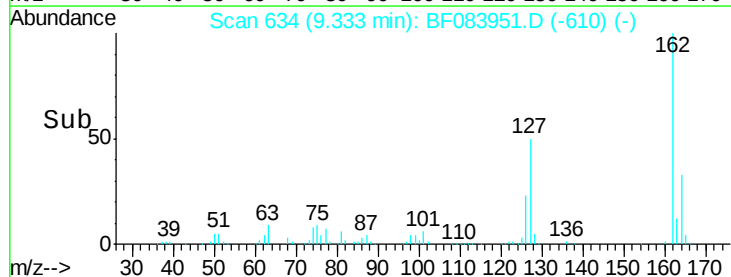
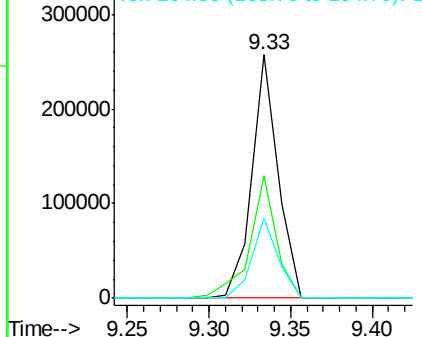
Lab File: BF083951.D

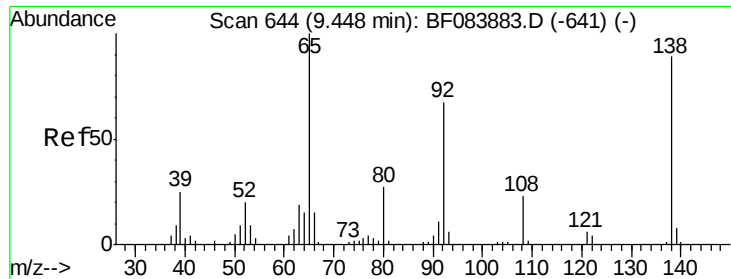
Acq: 19 Dec 2015 13:44

Tgt Ion:	162	Resp:	286878
Ion Ratio	Lower	Upper	
162	100		
127	50.2	40.2	60.4
164	32.6	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





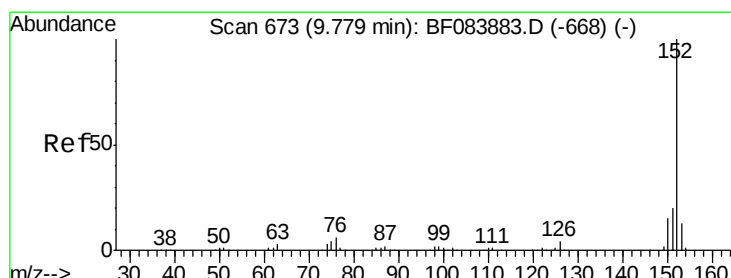
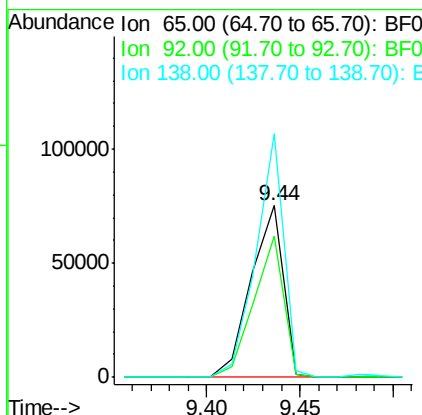
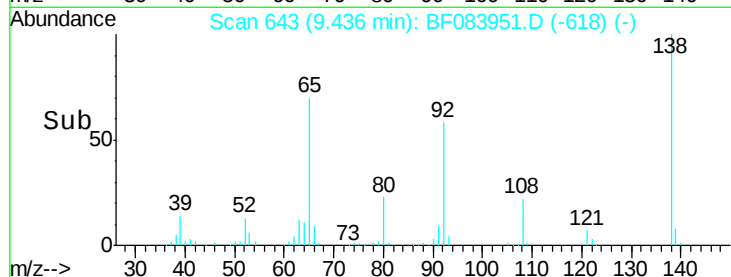
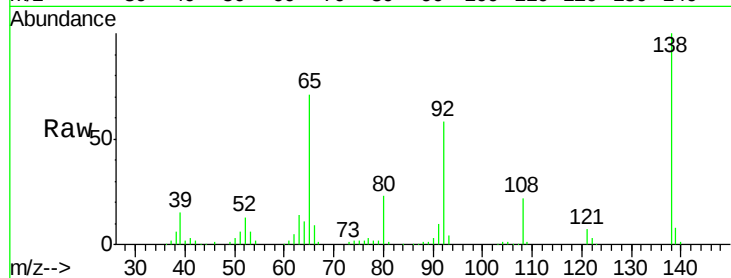
#47
 2-Nitroaniline
 Concen: 29.56 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	82.1	53.4	80.2#
138	141.7	71.1	106.7#

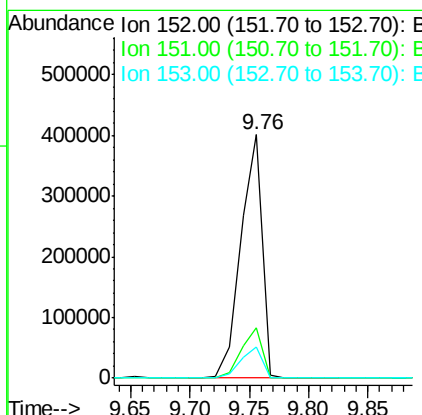
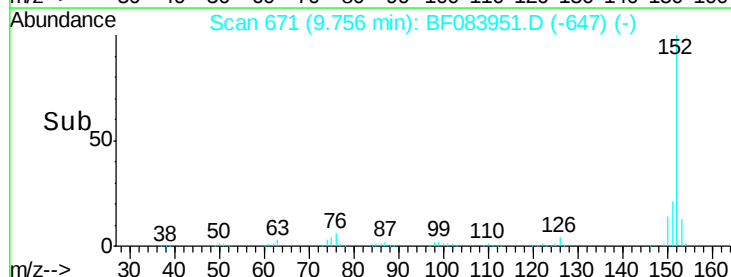
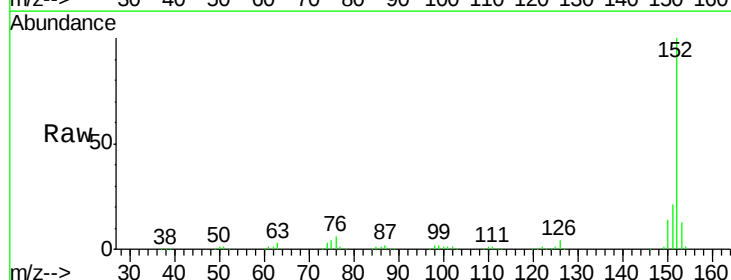
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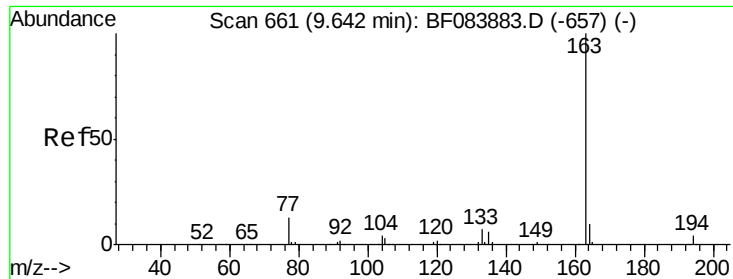
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#48
 Acenaphthylene
 Concen: 27.86 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.8	10.4	15.6





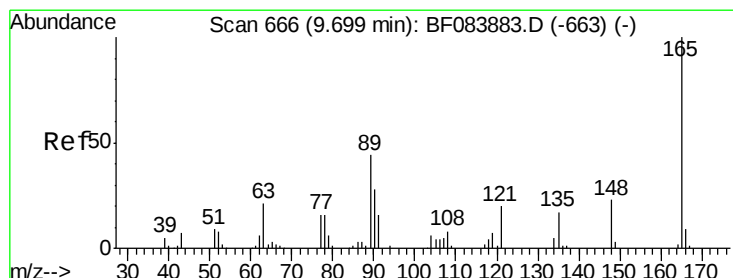
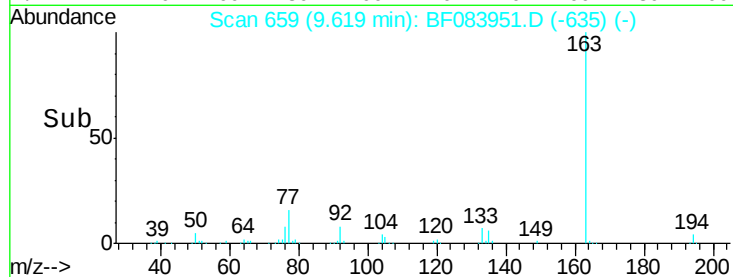
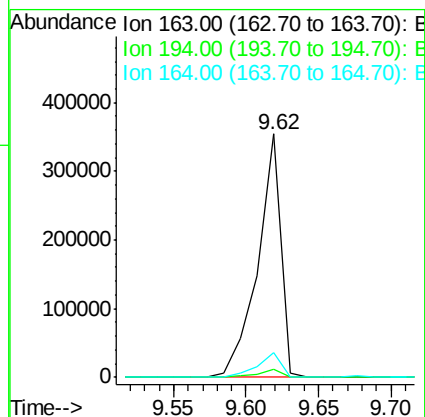
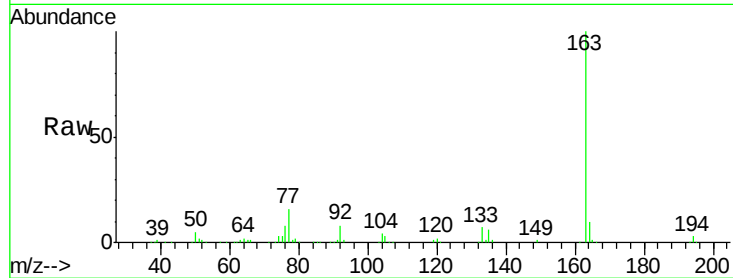
#49
Dimethylphthalate
Concen: 30.30 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	9.9	8.0	12.0

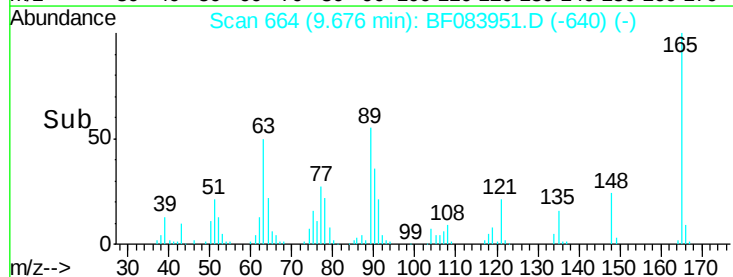
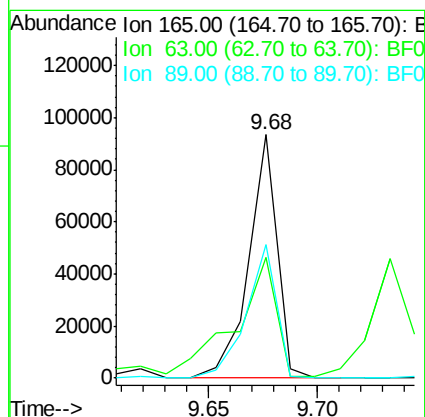
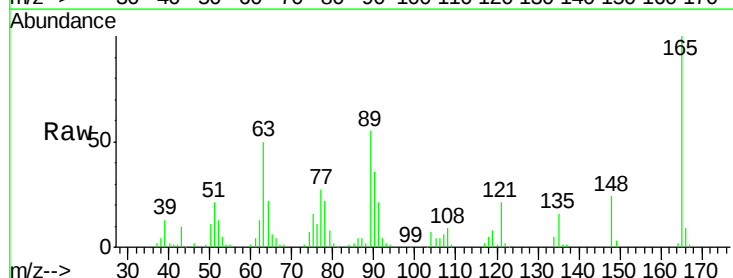
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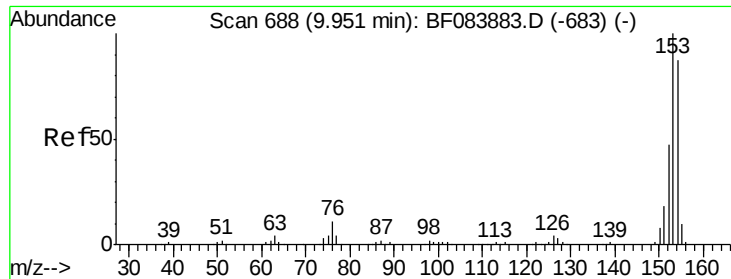
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#50
2,6-Dinitrotoluene
Concen: 29.87 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	49.6	28.8	43.2#
89	55.1	35.1	52.7#





#51

Acenaphthene

Concen: 30.82 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083951.D

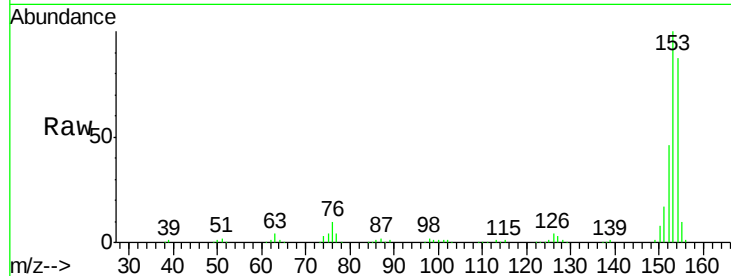
Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

ClientSampleId :

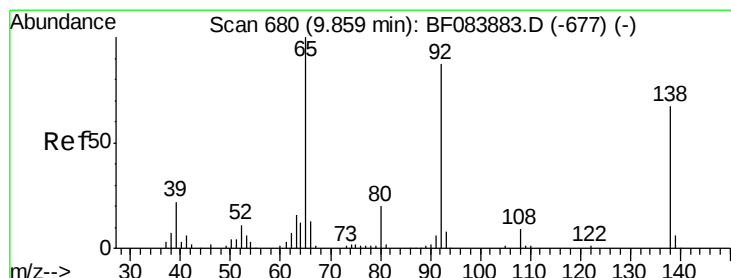
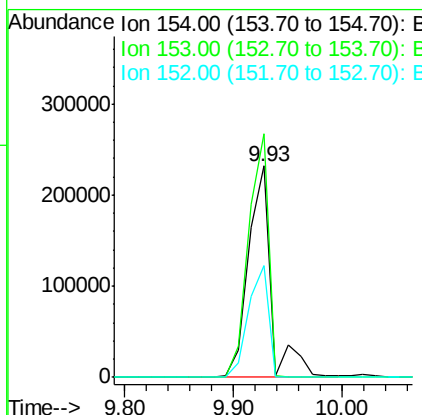
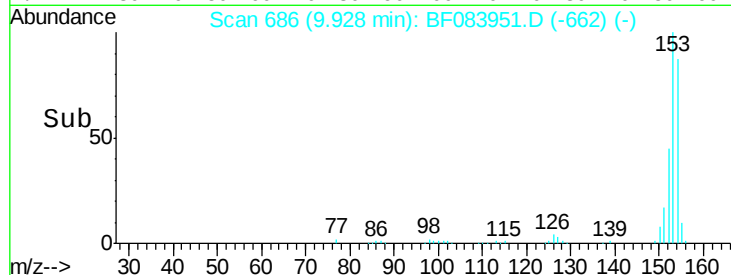
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Tot Ion	154	Resp	339395
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.5	137.3
152	53.1	43.0	64.6

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#52

3-Nitroaniline

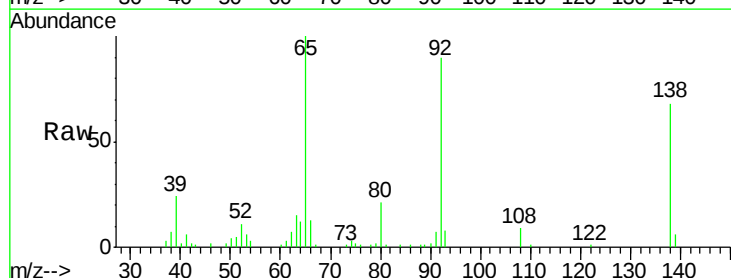
Concen: 13.18 ng

RT: 9.84 min Scan# 678

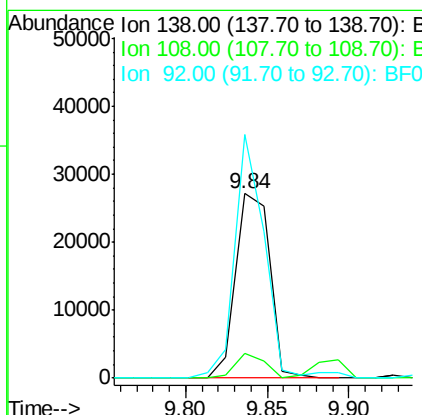
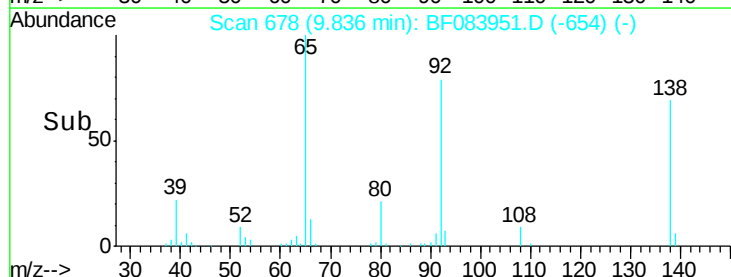
Delta R.T. -0.02 min

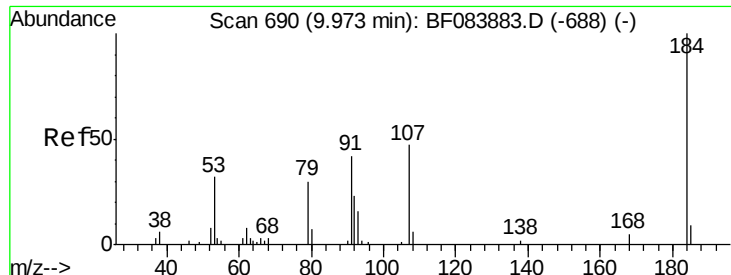
Lab File: BF083951.D

Acq: 19 Dec 2015 13:44



Tgt Ion	138	Resp	39066
Ion Ratio	Lower	Upper	
138	100		
108	13.3	10.5	15.7
92	132.1	103.9	155.9





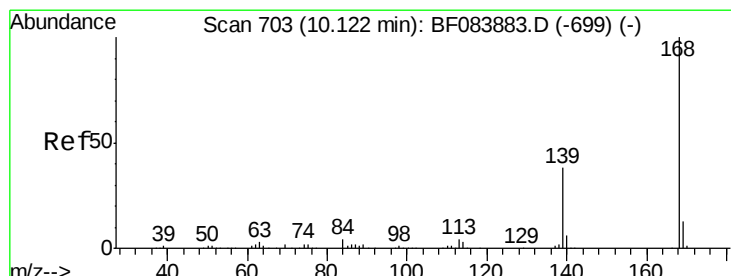
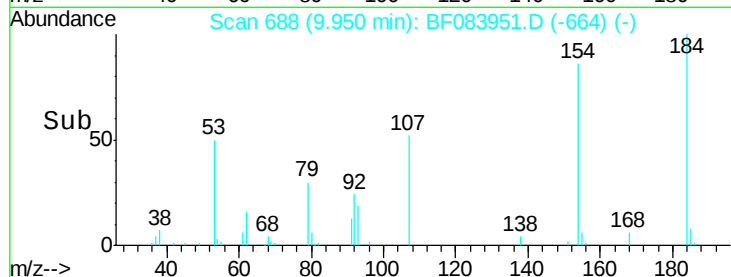
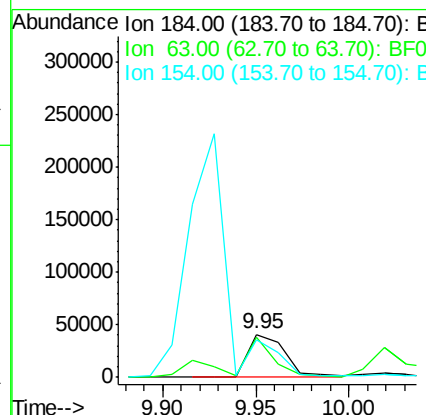
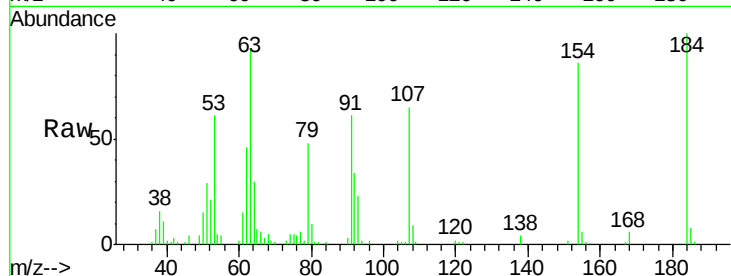
#53
 2,4-Dinitrophenol
 Concen: 59.14 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	56594		
63	92.6	43.1	64.7#	
154	86.3	60.5	90.7	

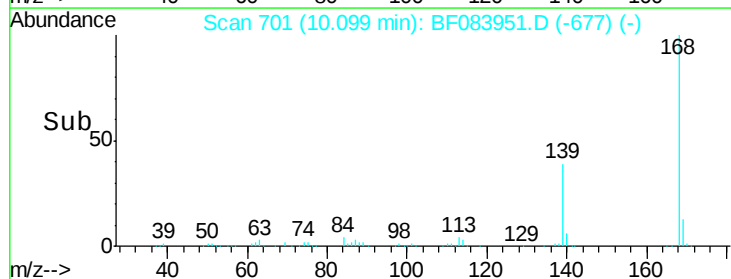
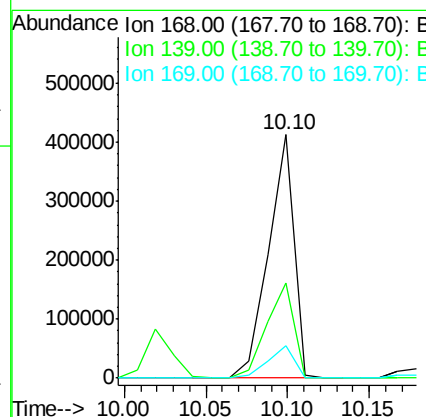
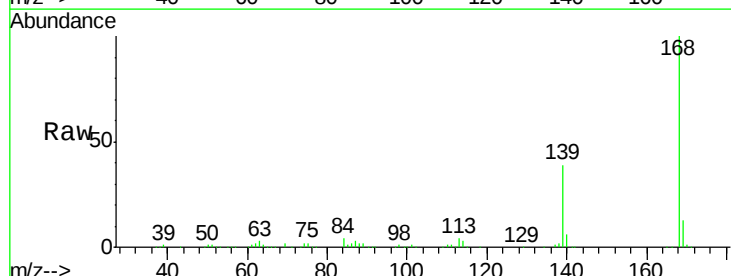
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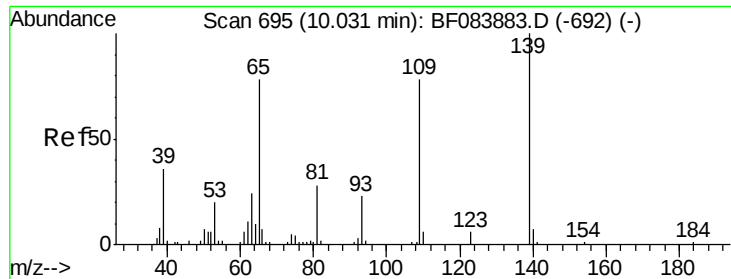
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#54
 Dibenzofuran
 Concen: 31.49 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	450265		
139	39.1	30.5	45.7	
169	13.1	10.4	15.6	





#55

4-Nitrophenol

Concen: 51.83 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

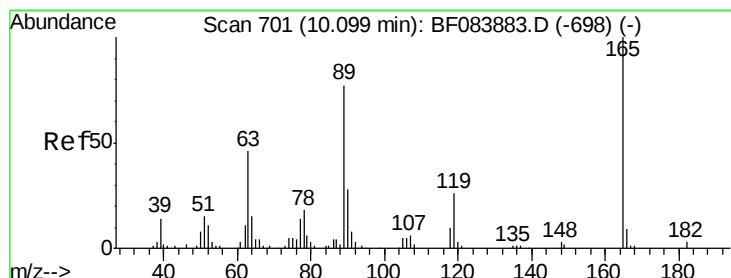
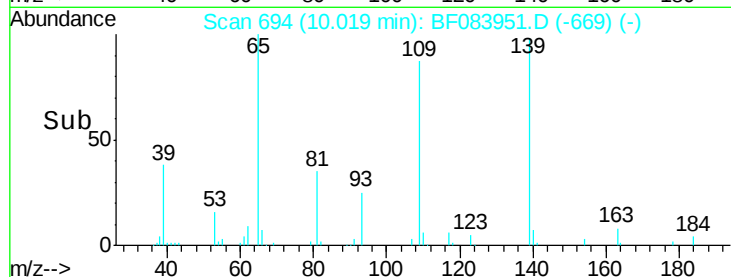
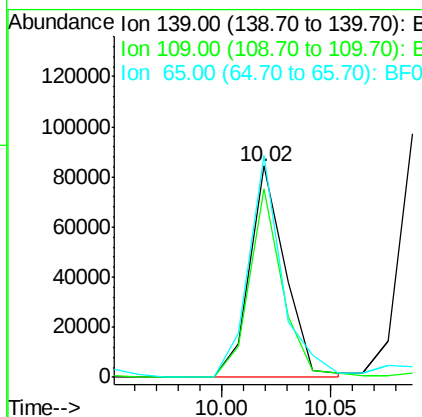
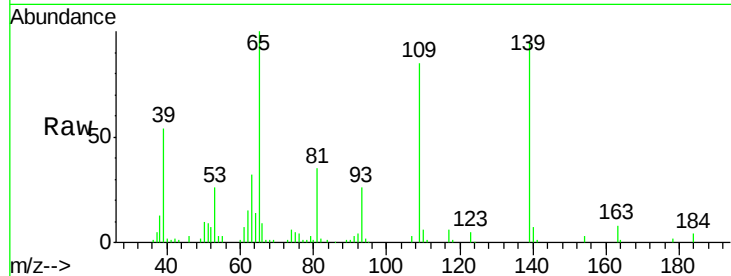
ClientSampleId :

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Tot Ion:	139	Resp:	95899
Ion Ratio	Lower	Upper	
139	100		
109	89.2	58.5	98.5
65	104.9	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 29.53 ng

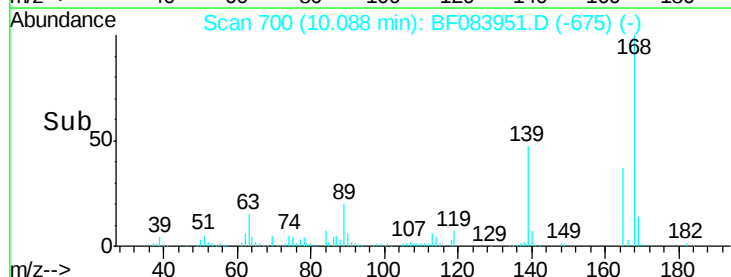
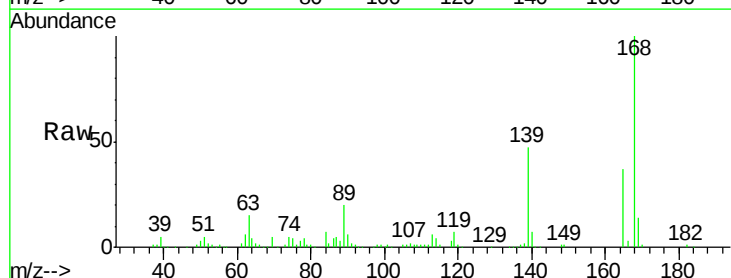
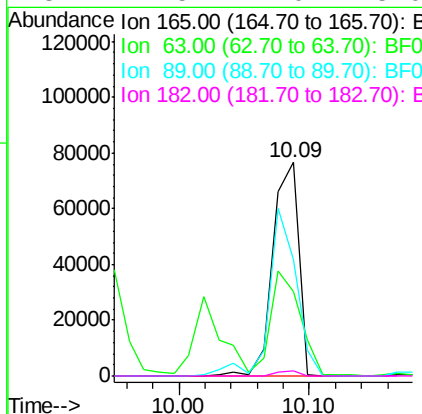
RT: 10.09 min Scan# 700

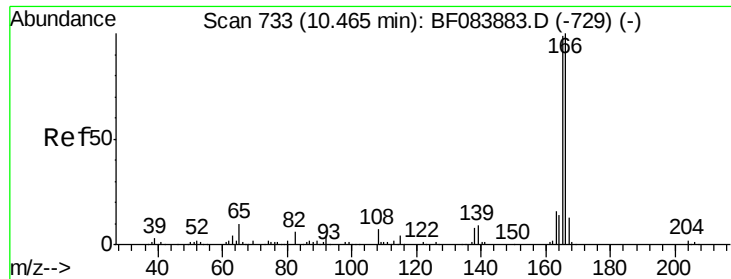
Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	165	Resp:	106449
Ion Ratio	Lower	Upper	
165	100		
63	39.5	36.7	55.1
89	54.7	61.9	92.9#
182	2.5	2.0	3.0





#57

Fluorene

Concen: 31.07 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

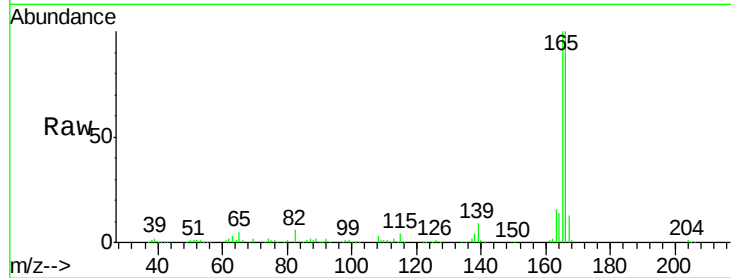
ClientSampleId :

PB87402BS

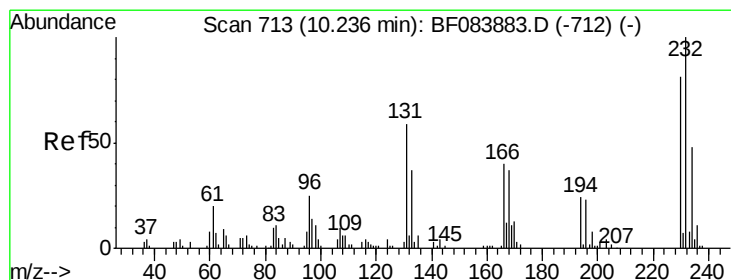
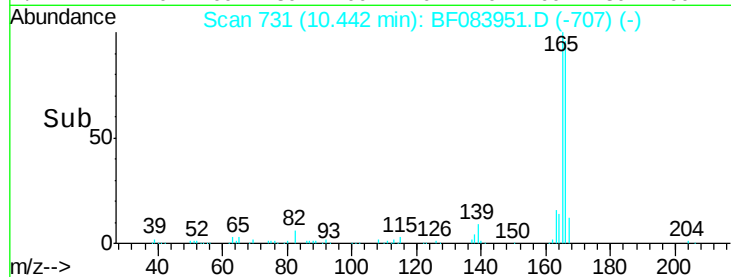
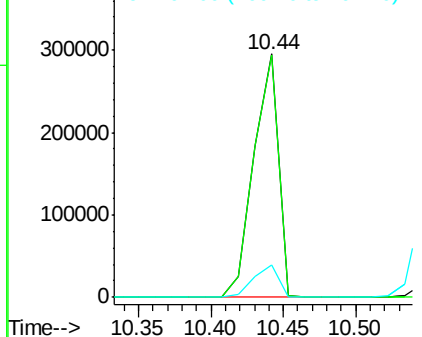
Tot Ion:	166	Resp:	348045
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.1	118.7
167	13.2	10.4	15.6

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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: 32.47 ng

RT: 10.21 min Scan# 711

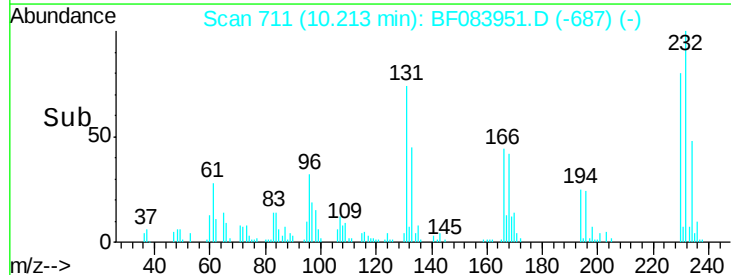
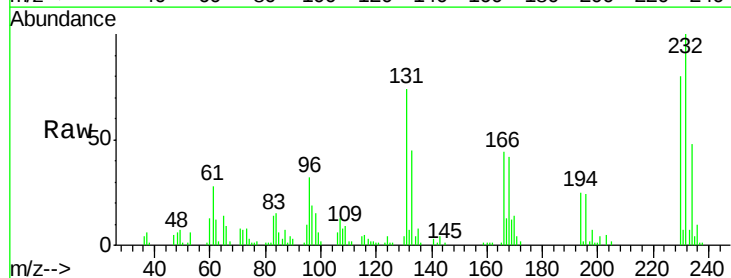
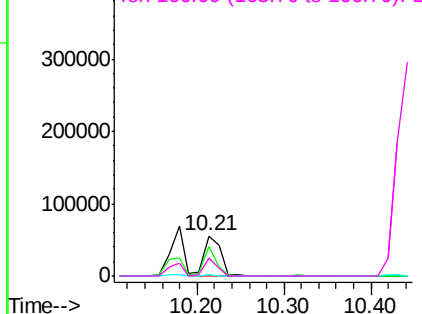
Delta R.T. -0.02 min

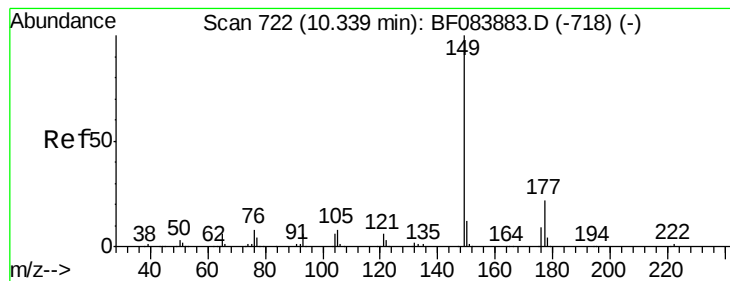
Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	232	Resp:	76027
Ion Ratio	Lower	Upper	
232	100		
131	54.8	47.0	70.6
130	2.7	2.0	3.0
166	34.3	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: 29.30 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

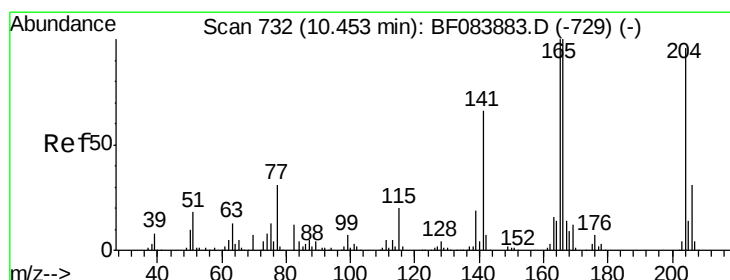
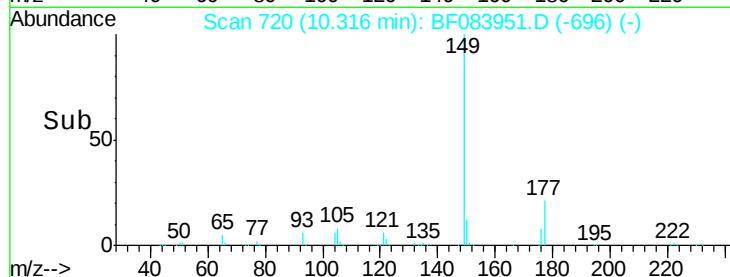
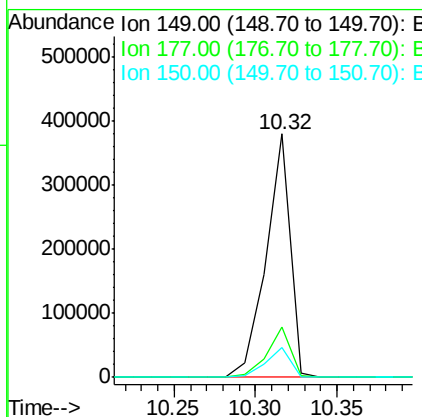
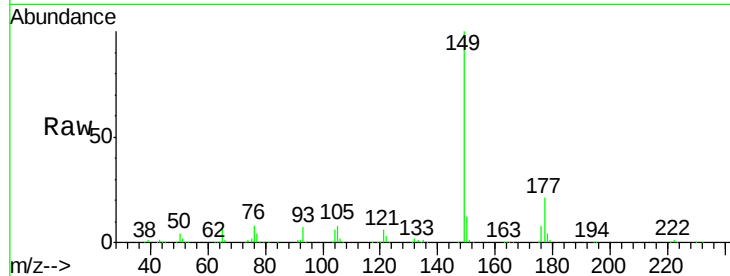
ClientSampleId :

PB87402BS

Tot Ion:	149	Resp:	390482
Ion Ratio	Lower	Upper	
149	100		
177	20.6	17.3	25.9
150	12.4	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 29.37 ng

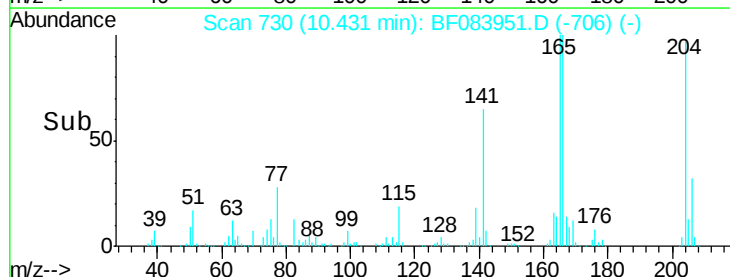
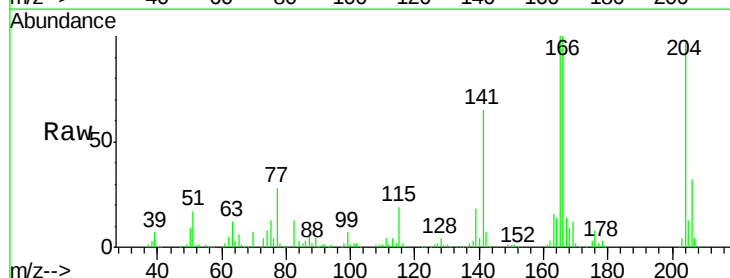
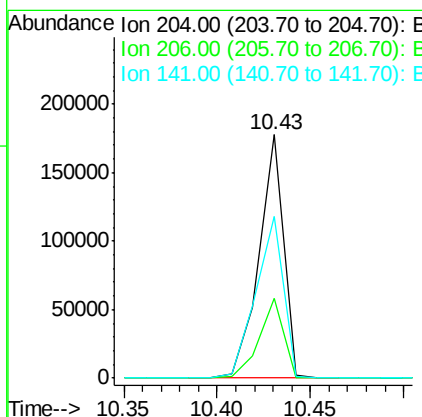
RT: 10.43 min Scan# 730

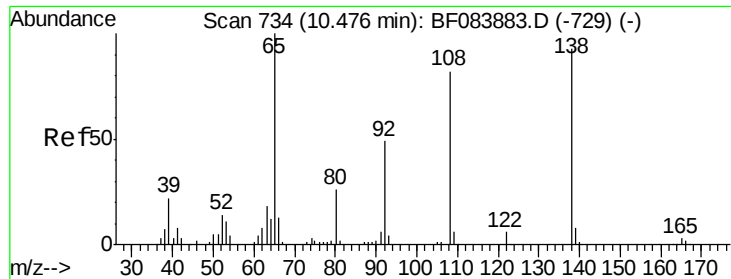
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	204	Resp:	160978
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.7	38.5
141	66.7	55.1	82.7





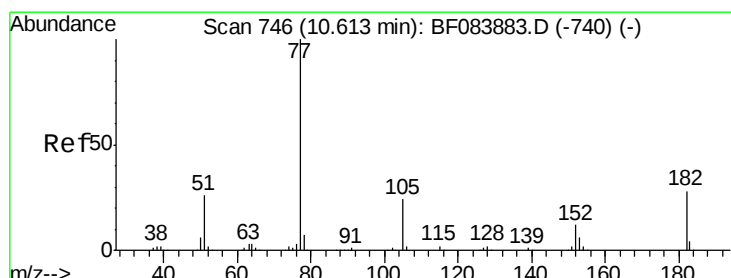
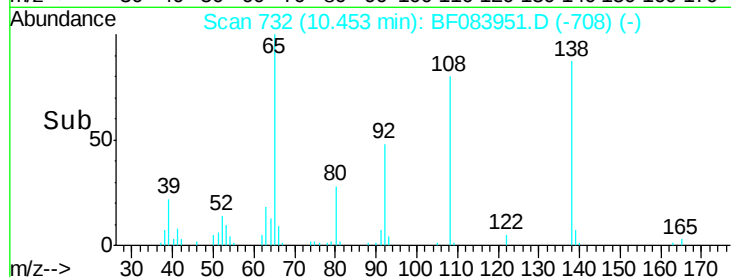
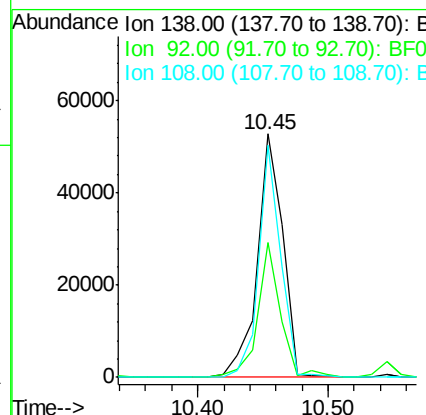
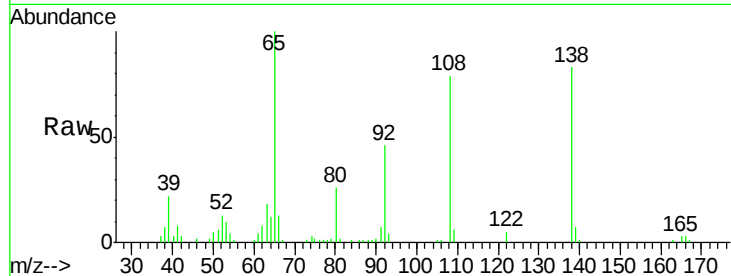
#61
4-Nitroaniline
Concen: 23.48 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.4	32.6	72.6
108	95.5	68.6	108.6

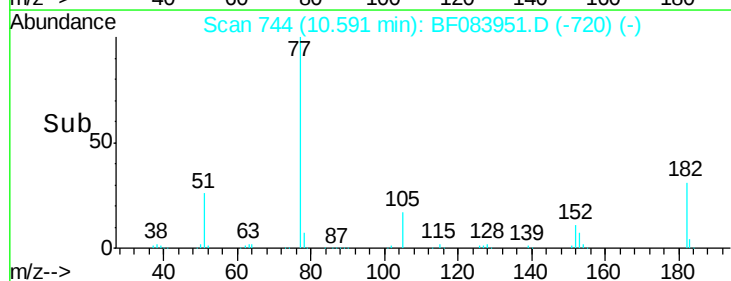
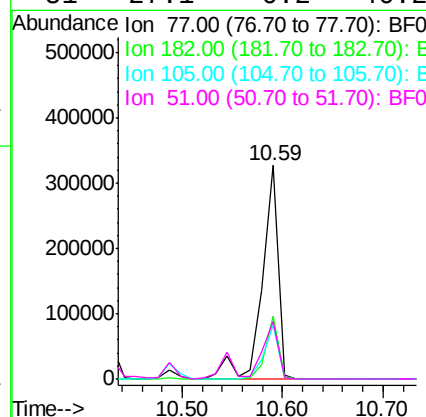
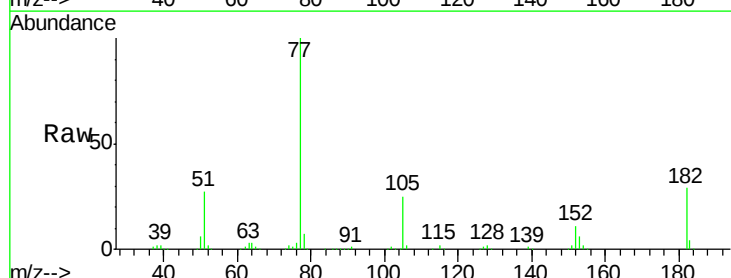
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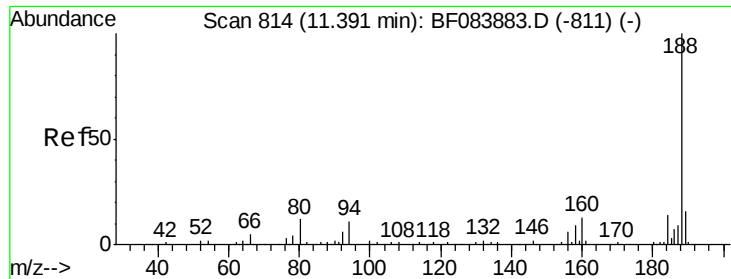
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#62
Azobenzene
Concen: 32.59 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.3	48.3
105	25.4	4.6	44.6
51	27.1	6.2	46.2





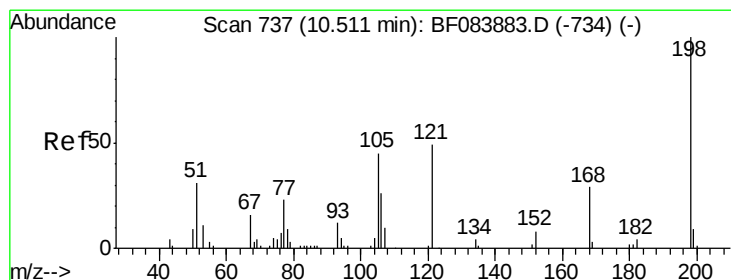
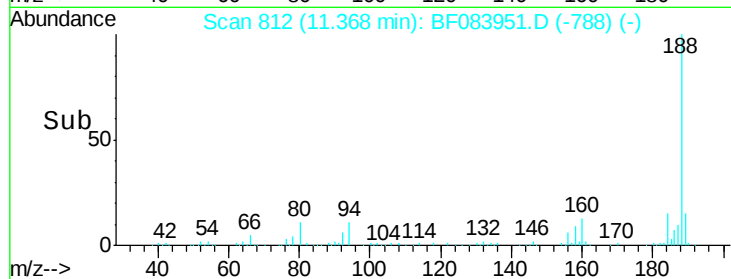
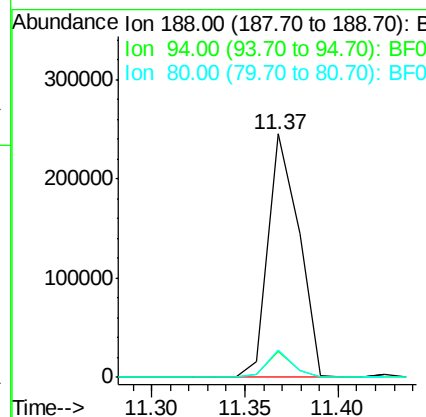
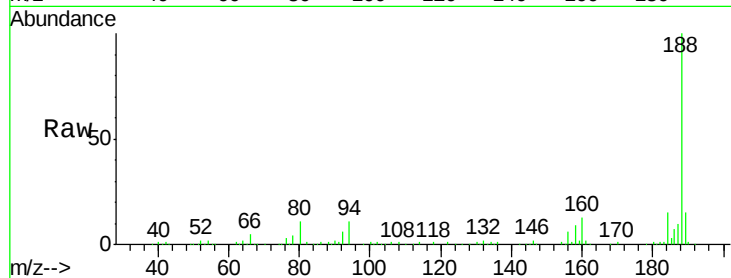
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	9.0	13.4
80	11.3	9.6	14.4

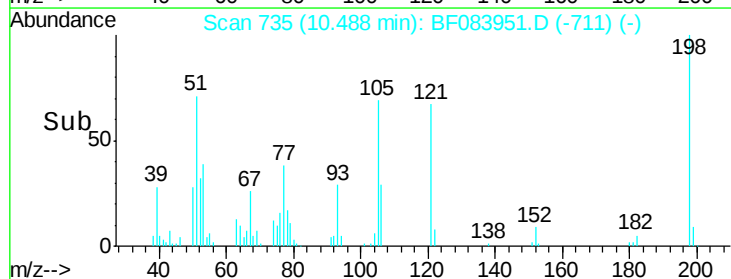
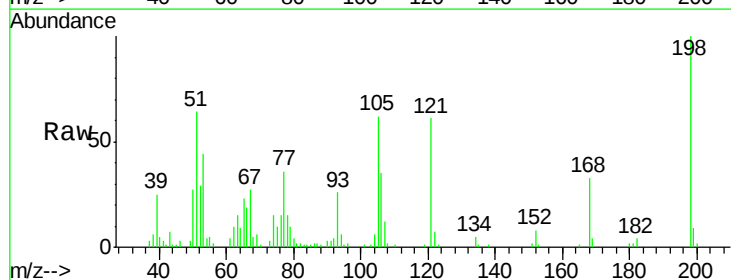
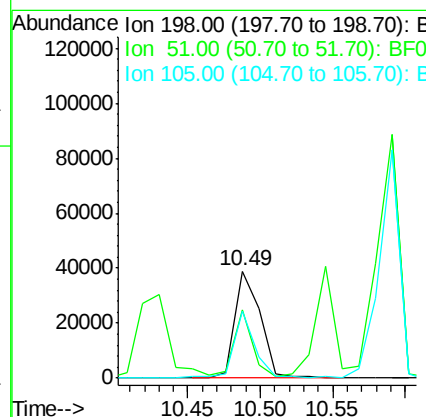
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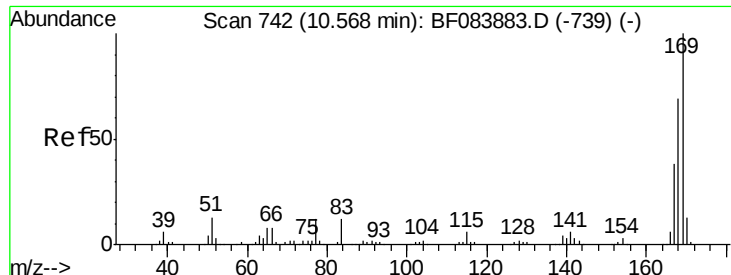
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.15 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	63.7	18.9	58.9#
105	62.1	26.4	66.4





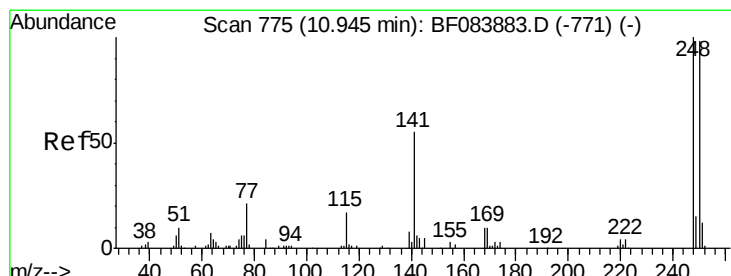
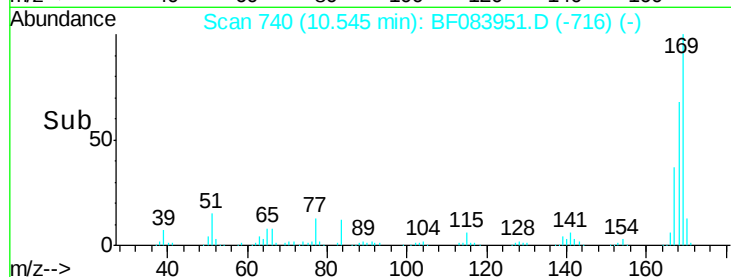
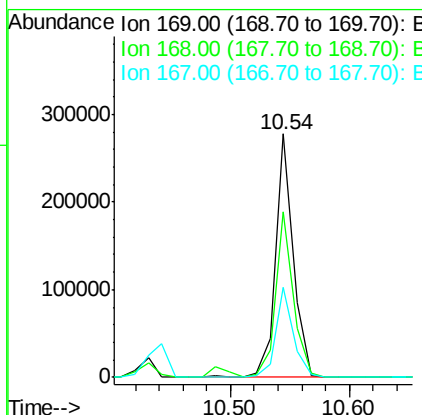
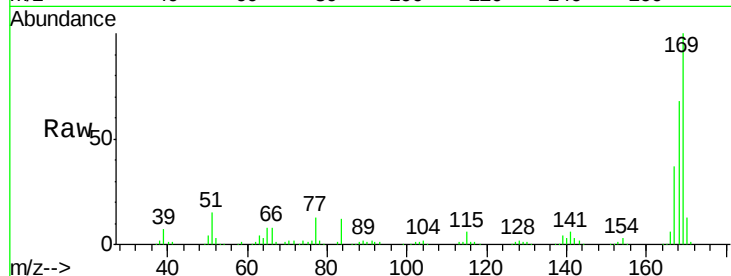
#65
 n-Nitrosodiphenylamine
 Concen: 27.93 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	284578		
168	67.9		55.1	82.7
167	36.8		30.0	45.0

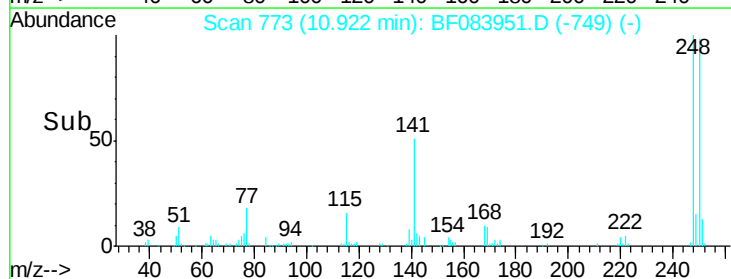
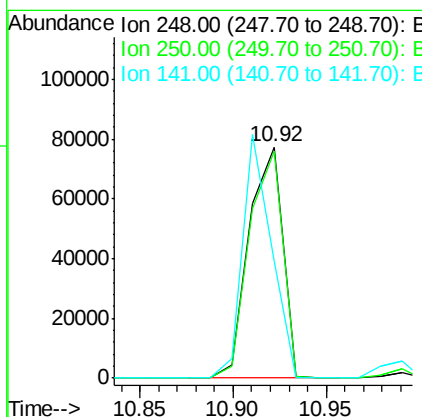
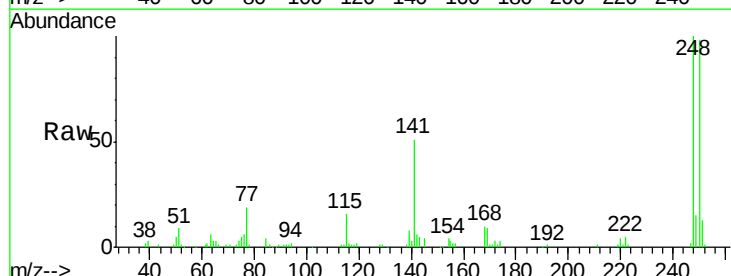
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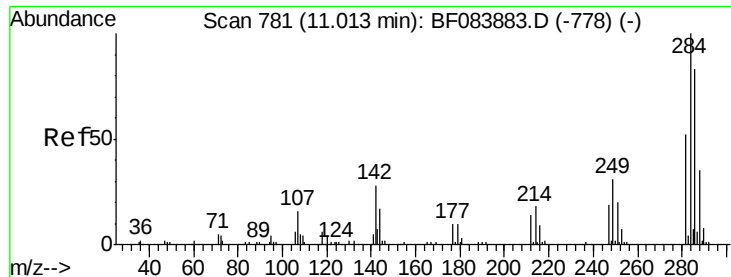
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#66
 4-Bromophenyl-phenylether
 Concen: 28.20 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	96531		
250	98.5		78.4	117.6
141	50.5		44.0	66.0





#67

Hexachlorobenzene

Concen: 31.47 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

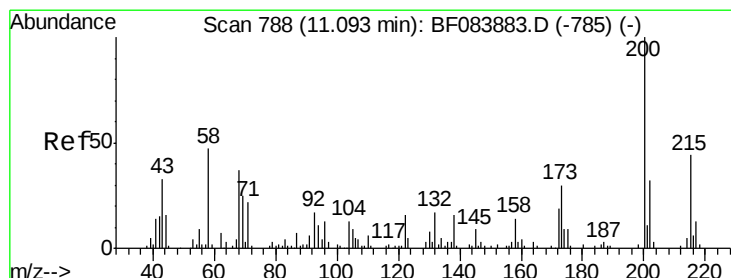
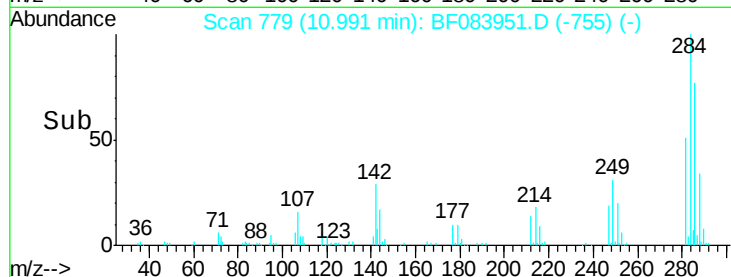
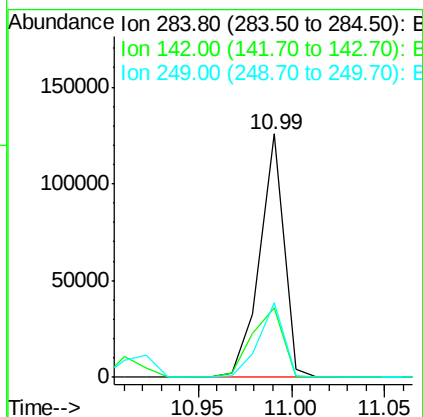
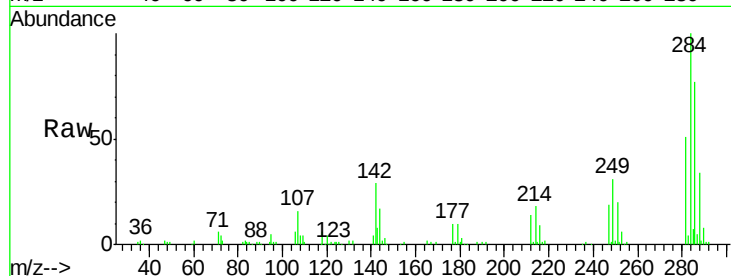
ClientSampleId :

PB87402BS

Tot Ion:	284	Resp:	113413
Ion Ratio	Lower	Upper	
284	100		
142	28.8	22.2	33.4
249	30.5	24.6	37.0

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#68

Atrazine

Concen: 31.91 ng

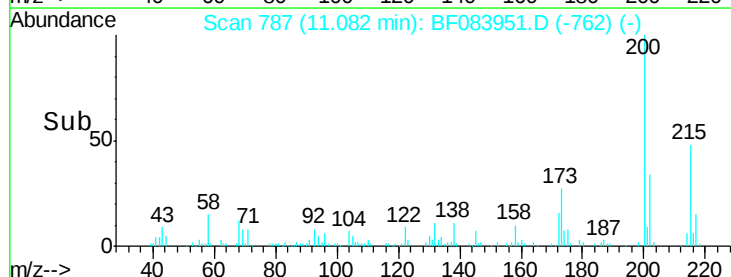
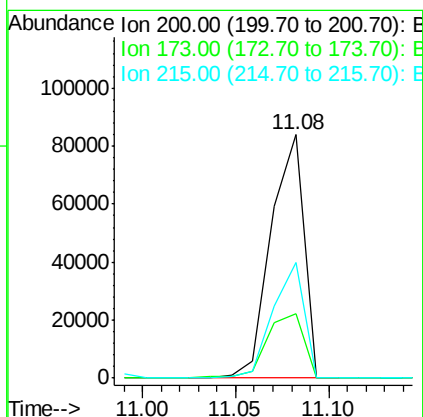
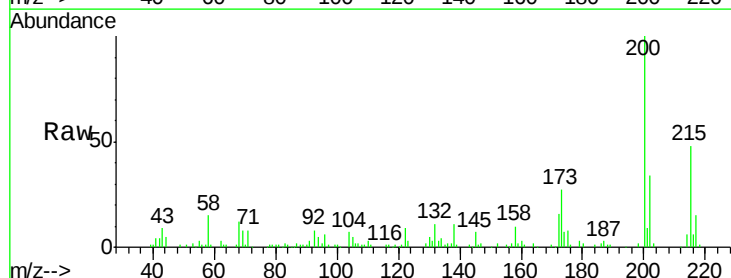
RT: 11.08 min Scan# 787

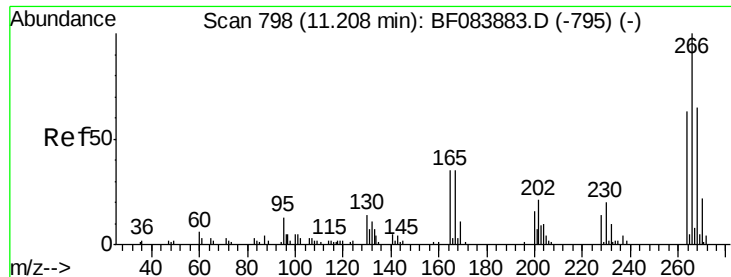
Delta R.T. -0.01 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	200	Resp:	102989
Ion Ratio	Lower	Upper	
200	100		
173	26.7	9.5	49.5
215	47.7	23.8	63.8





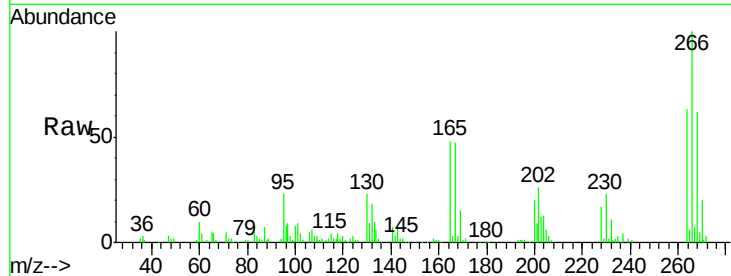
#69
 Pentachlorophenol
 Concen: 60.41 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

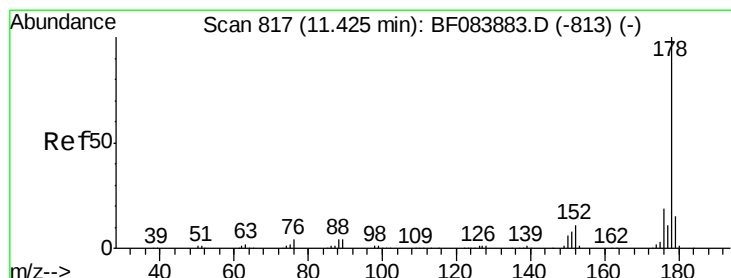
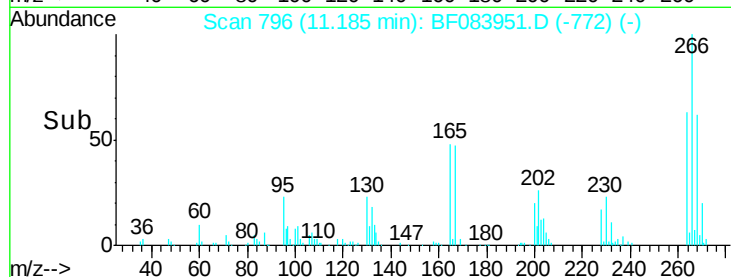
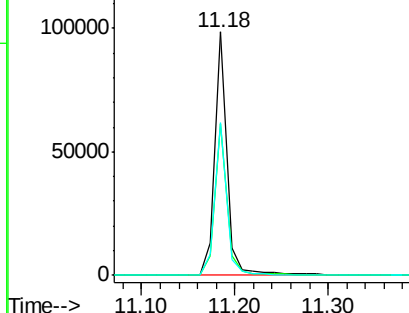
Tot Ion	Ratio	Resp	Lower	Upper
266	100	90511		
268	62.4	52.4	78.6	
264	62.9	50.2	75.2	

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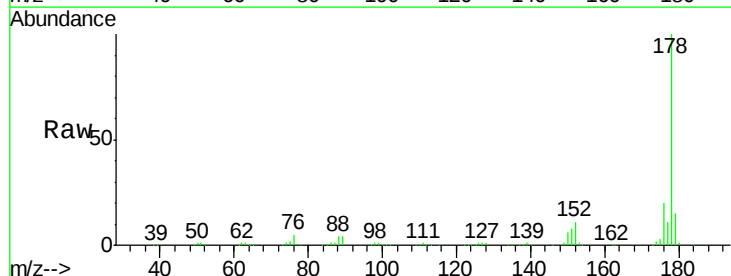


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

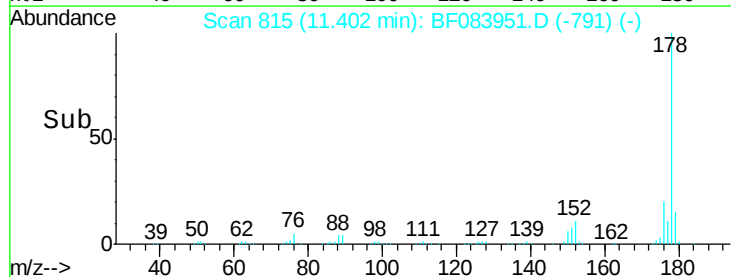
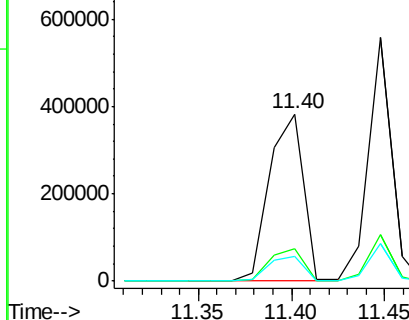


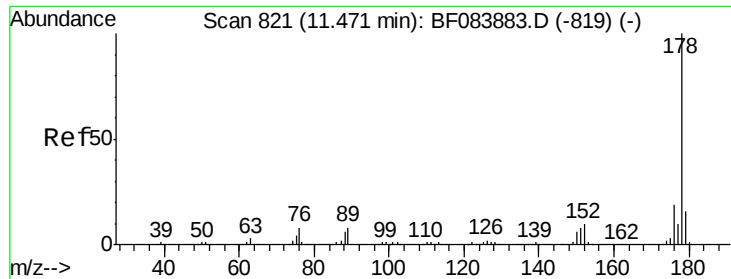
#70
 Phenanthrene
 Concen: 28.97 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	490026		
176	19.6	15.3	22.9	
179	15.0	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





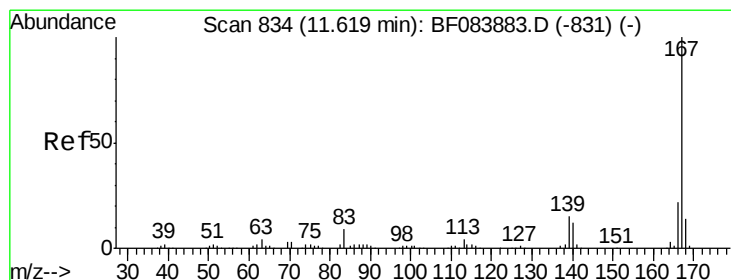
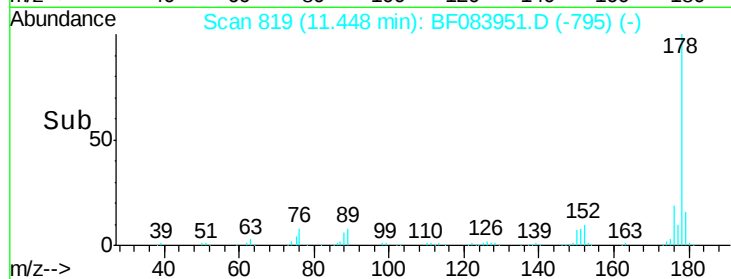
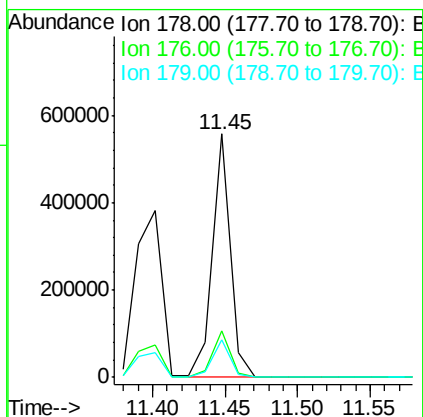
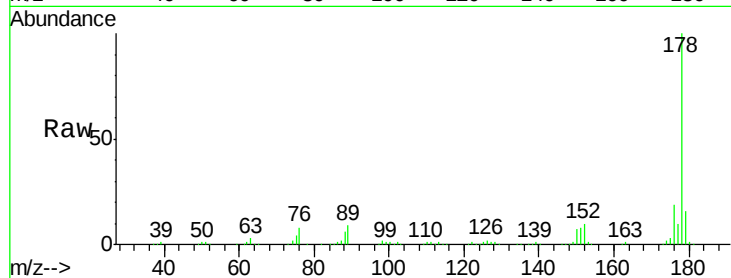
#71
 Anthracene
 Concen: 29.19 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.5	18.7

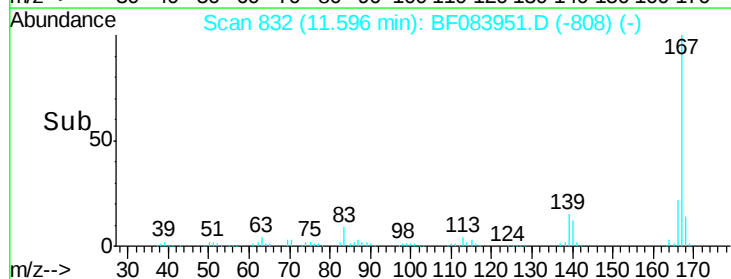
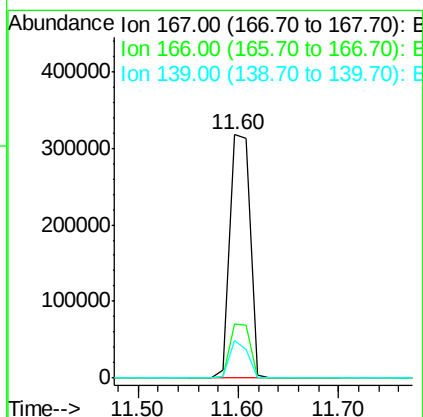
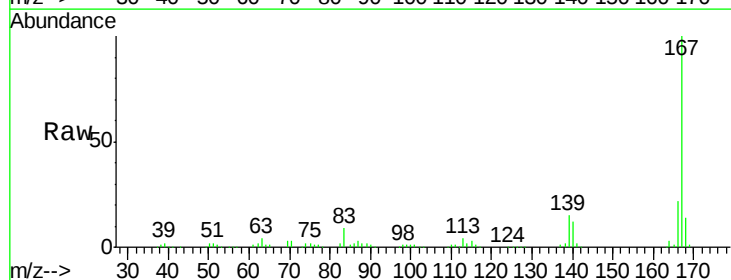
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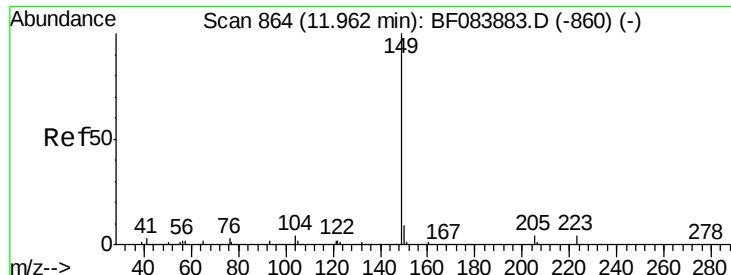
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#72
 Carbazole
 Concen: 27.50 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 32.66 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

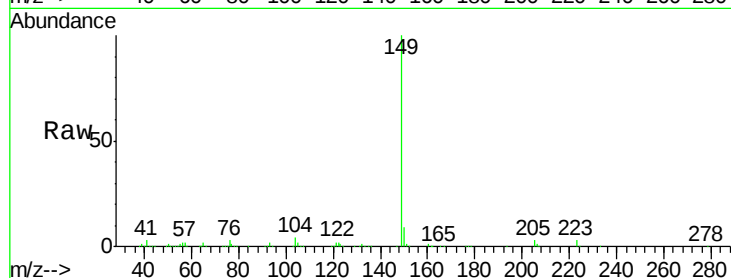
ClientSampleId :

PB7402BS

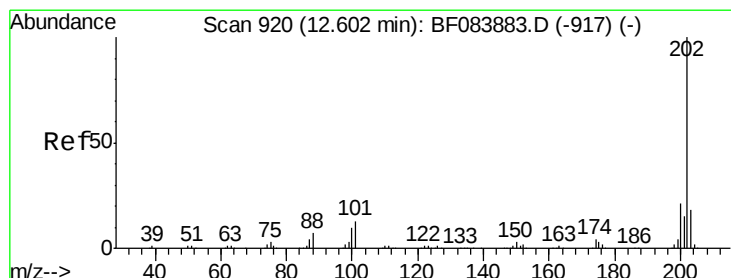
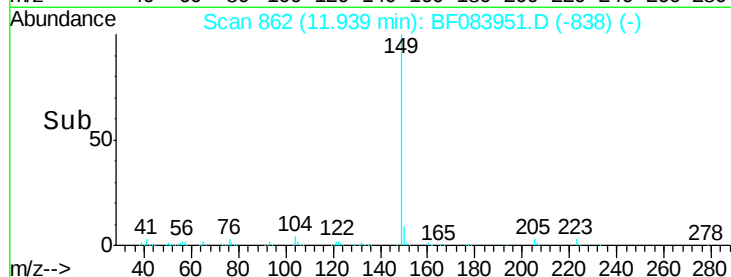
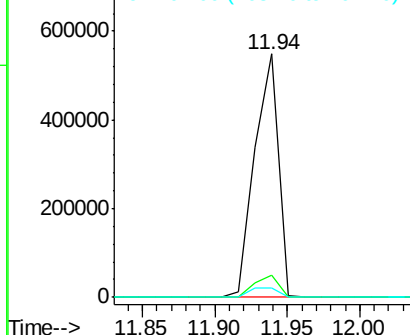
Tot Ion:	149	Resp:	620047
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.1	3.2	4.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.58 ng

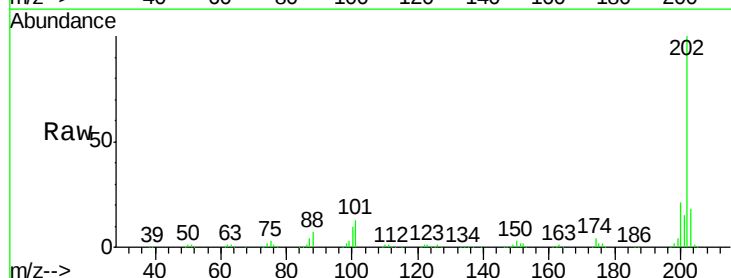
RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

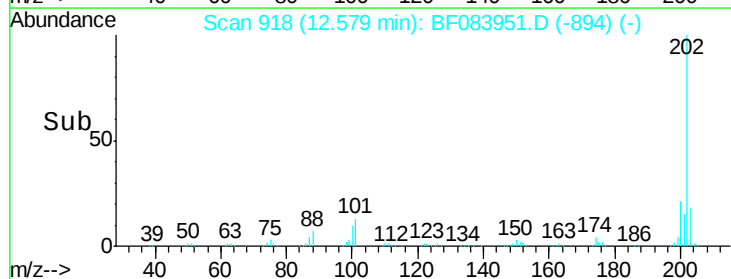
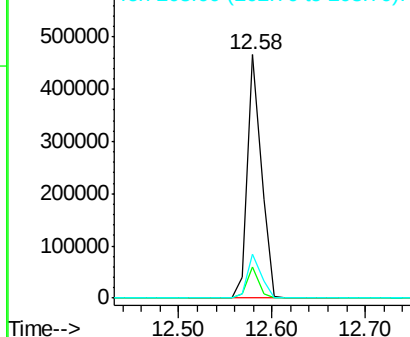
Lab File: BF083951.D

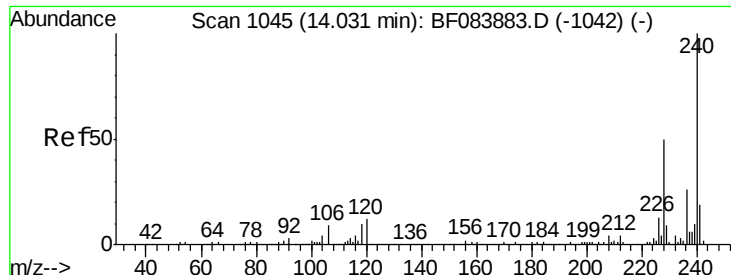
Acq: 19 Dec 2015 13:44

Tgt Ion:	202	Resp:	482448
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.8
203	17.9	0.0	37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





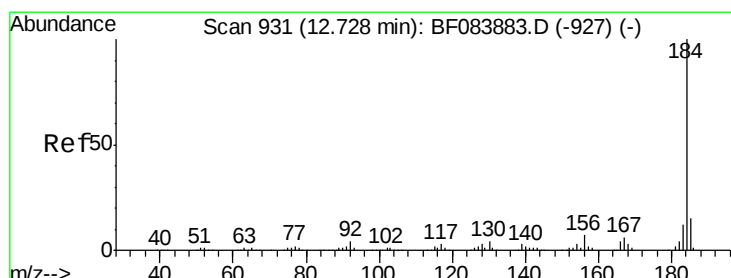
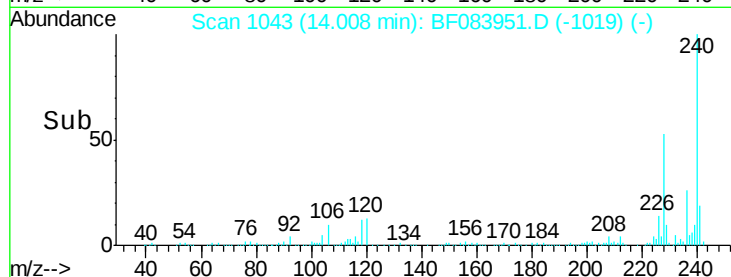
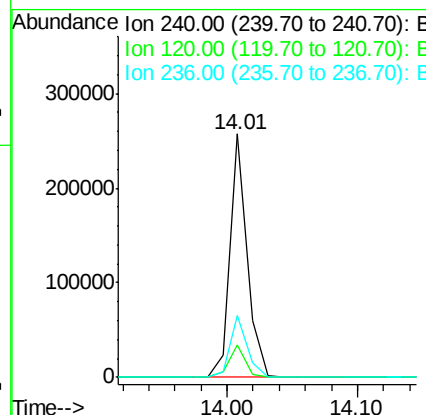
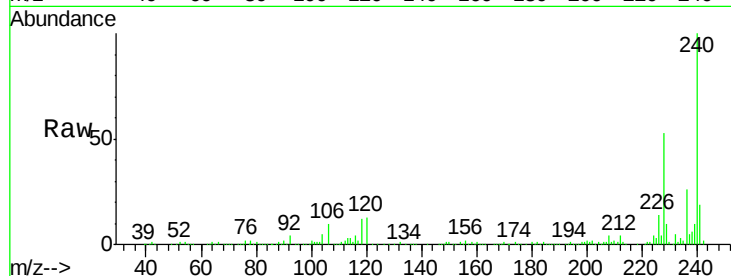
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.3	9.5	14.3	
236	25.6	20.6	31.0	

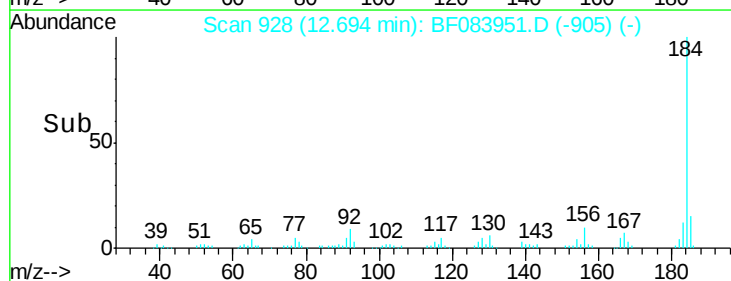
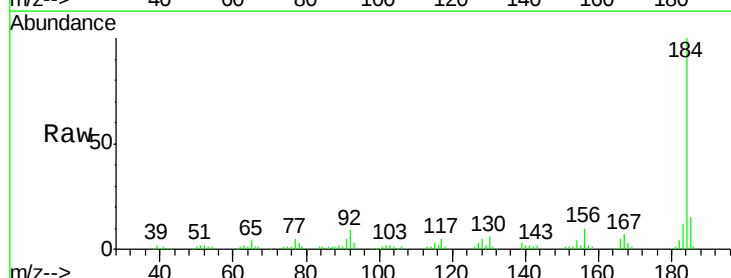
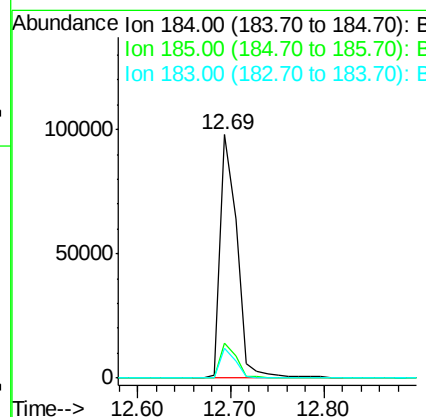
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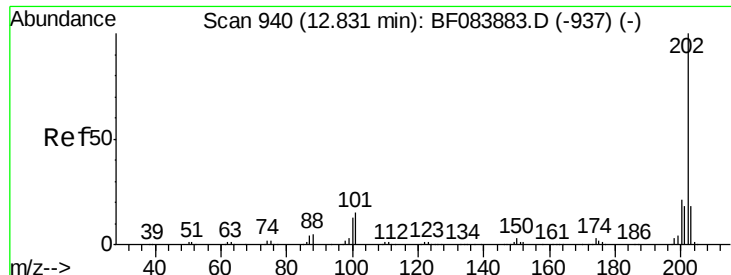
apatel
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#76
Benzidine
Concen: 12.90 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.03 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.2	18.2	
183	12.1	9.8	14.8	





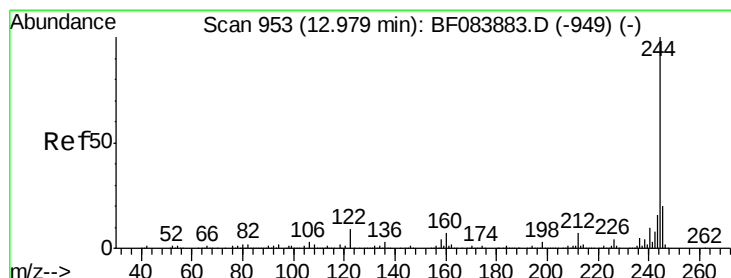
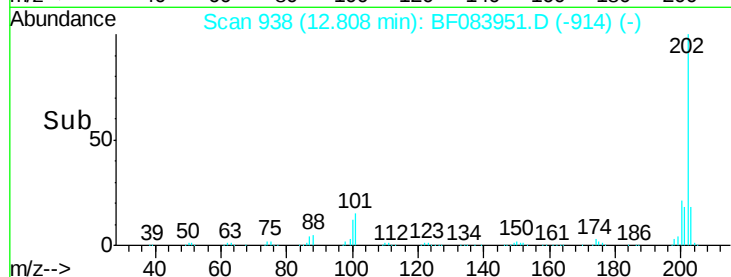
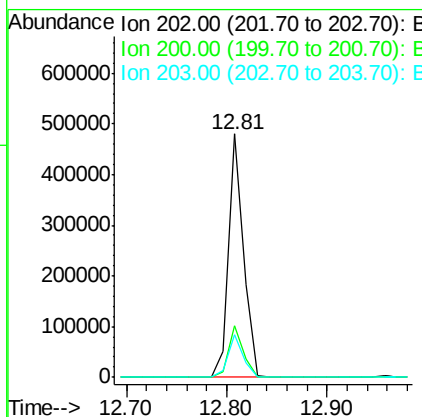
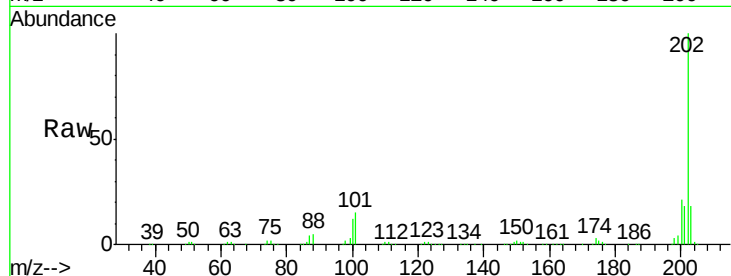
#77
Pvrene
Concen: 33.60 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.8	14.3	21.5

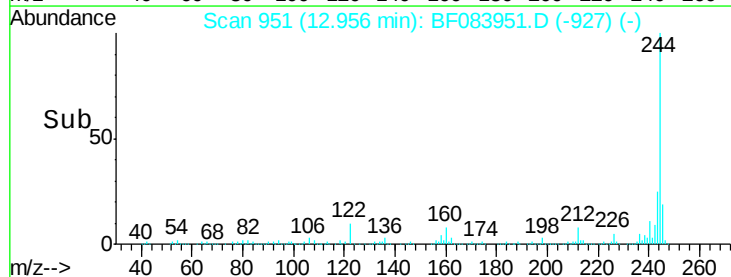
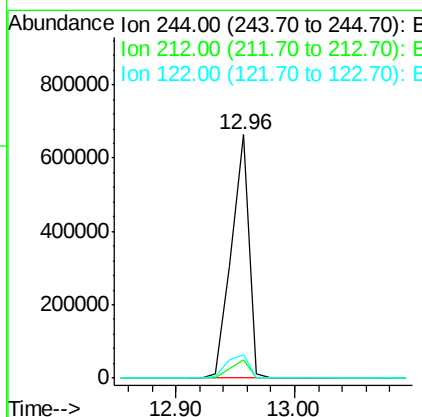
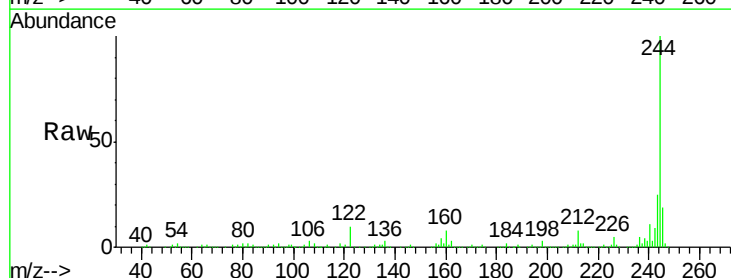
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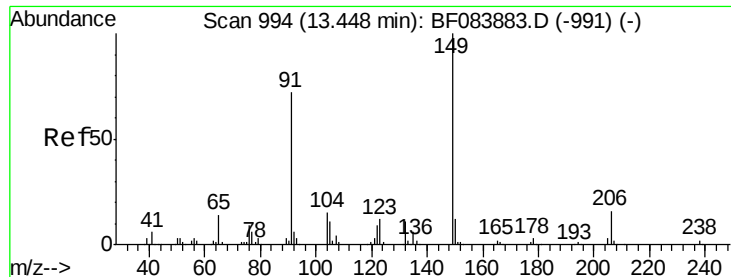
apatel
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#78
Terphenyl-d14
Concen: 66.02 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.8	7.4	11.0





#79

Butylbenzylphthalate

Concen: 30.93 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

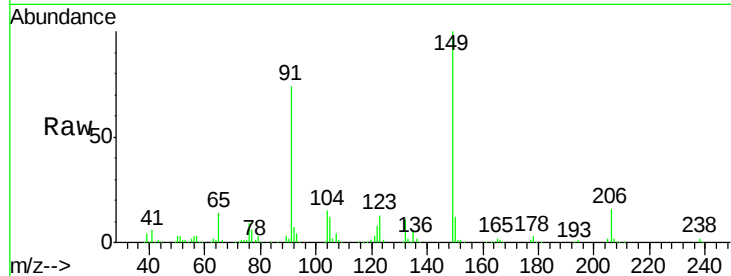
ClientSampleId :

PB87402BS

Tot Ion:	149	Resp:	243057
Ion Ratio	Lower	Upper	
149	100		
91	74.0	57.6	86.4
206	16.3	13.2	19.8

Manual Integrations
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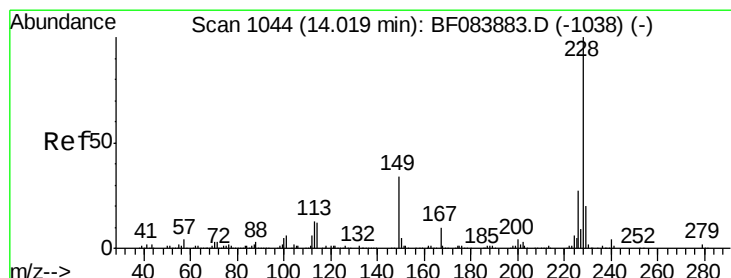
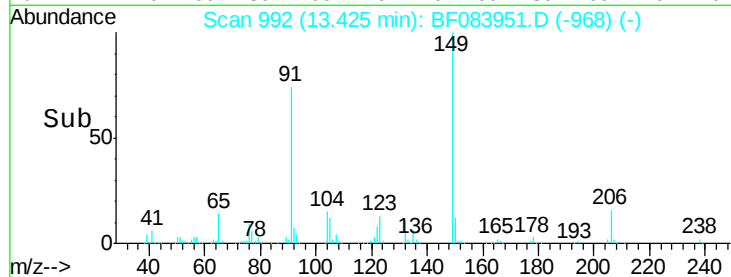
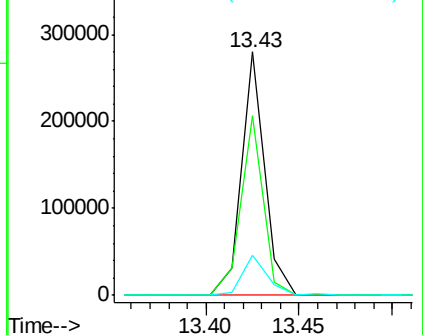
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 28.10 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083951.D

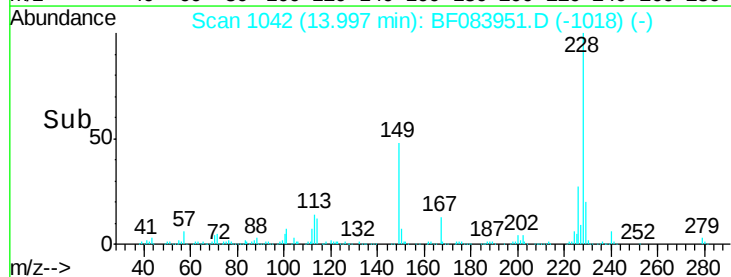
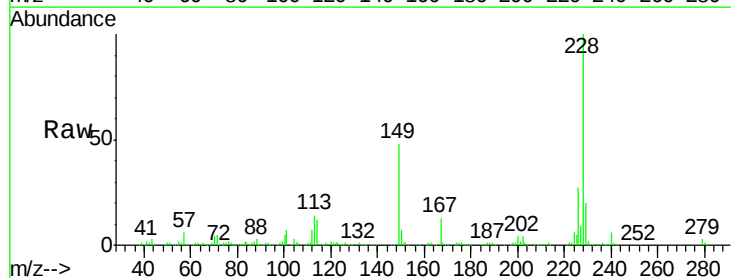
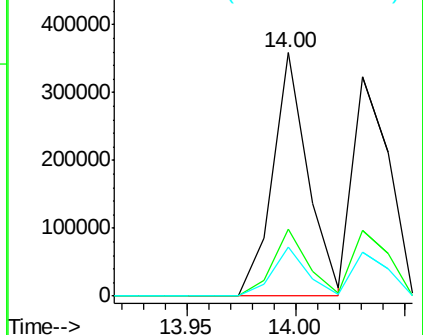
Acq: 19 Dec 2015 13:44

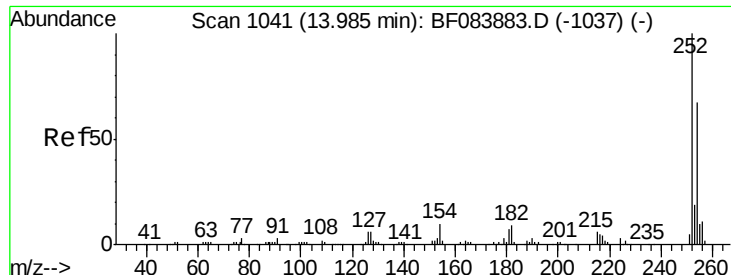
Tgt Ion:	228	Resp:	407872
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.6
229	20.1	15.8	23.8

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





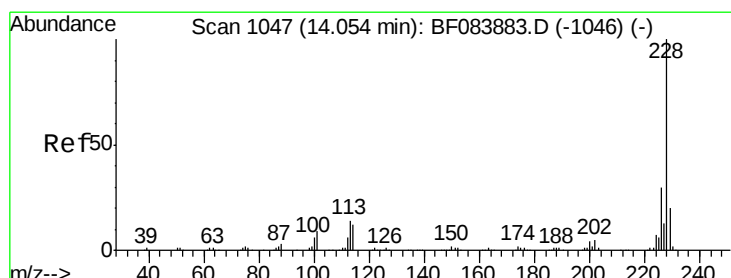
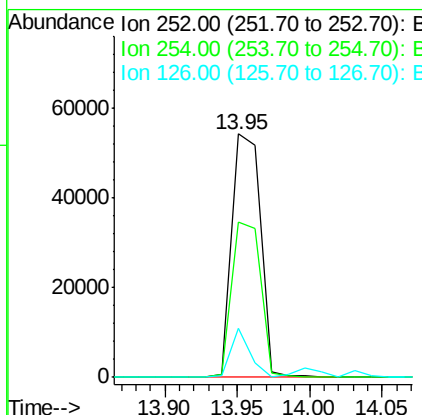
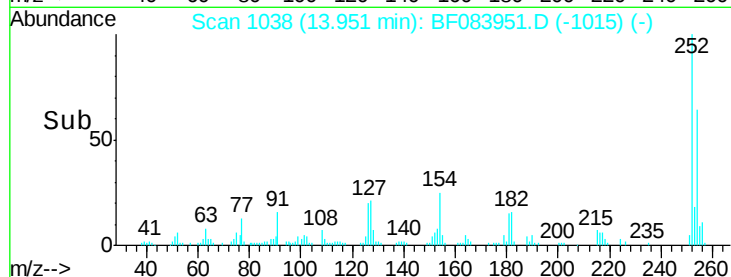
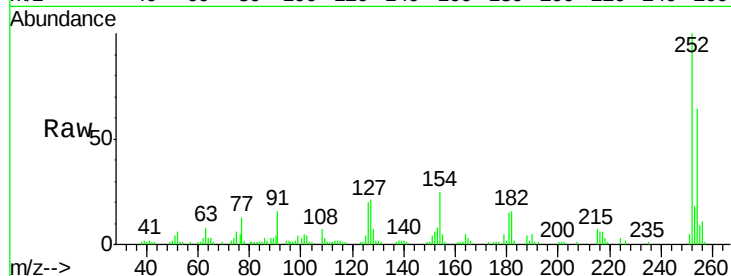
#81
 3,3'-Dichlorobenzidine
 Concen: 13.79 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	53.5	80.3
126	20.1	4.9	7.3

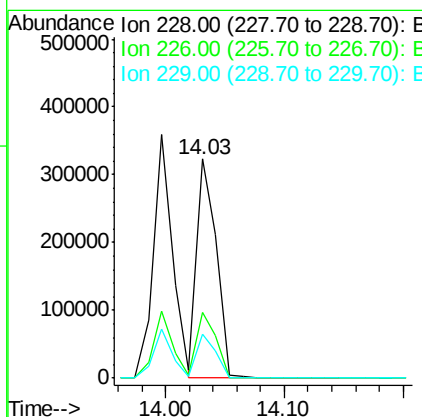
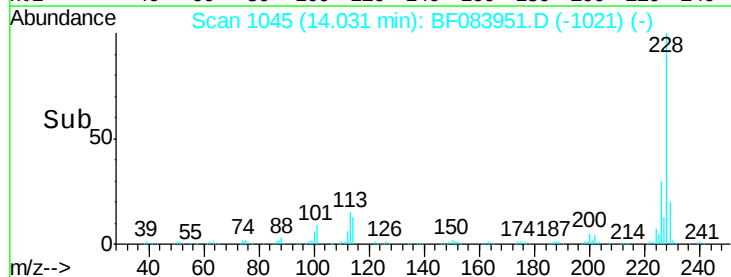
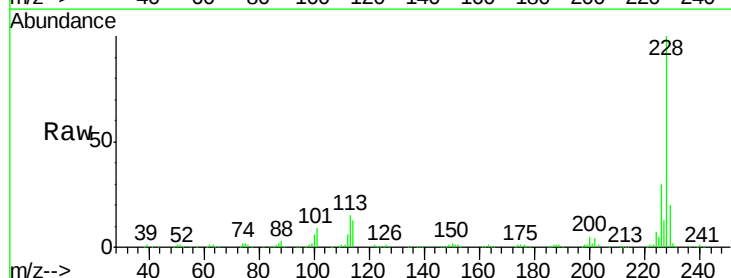
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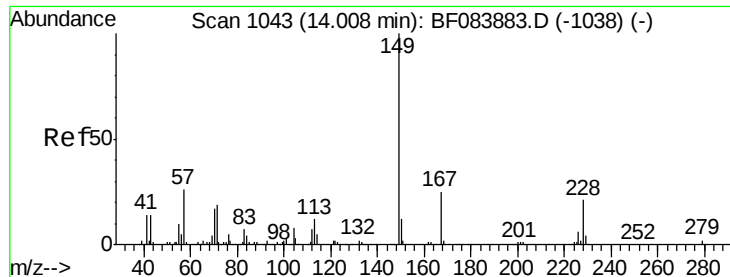
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#82
 Chrysene
 Concen: 26.73 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.37 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

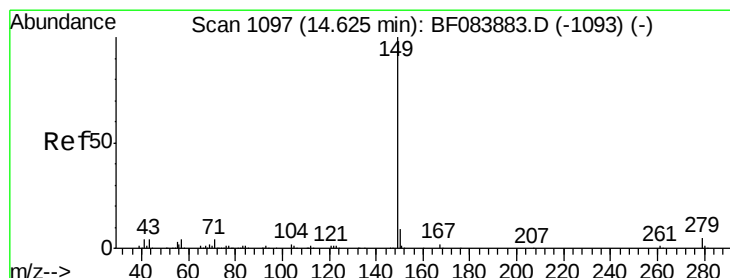
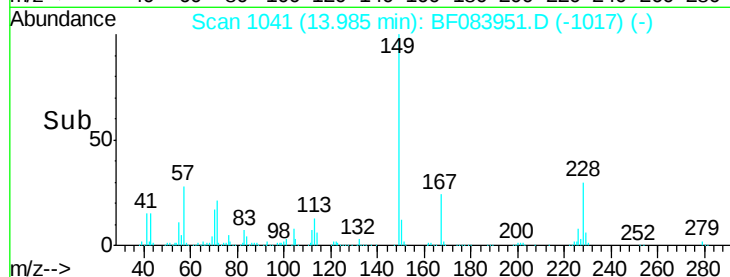
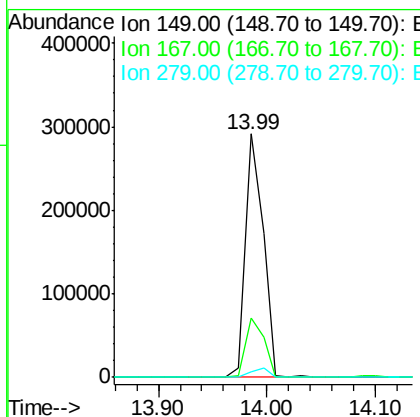
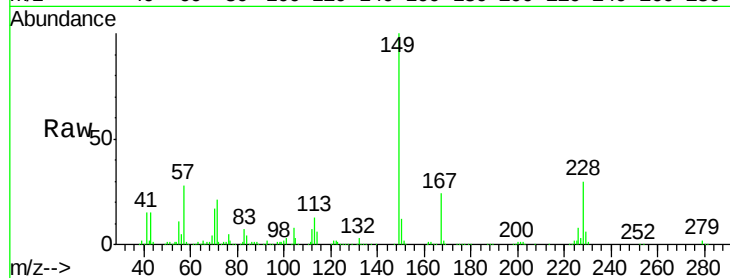
ClientSampleId :

PB87402BS

Tot Ion:	149	Resp:	329181
Ion Ratio		Lower	Upper
149	100		
167	24.4	19.7	29.5
279	2.1	1.8	2.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.37 ng

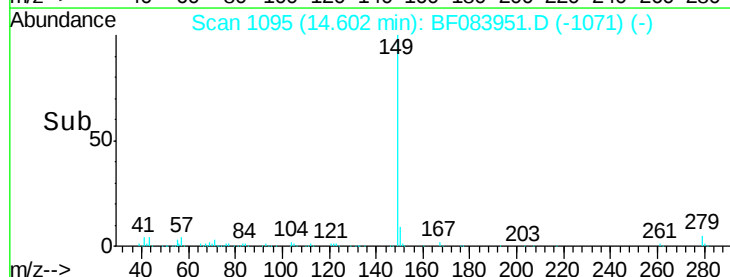
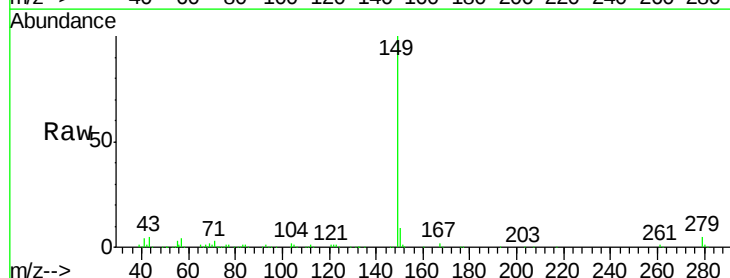
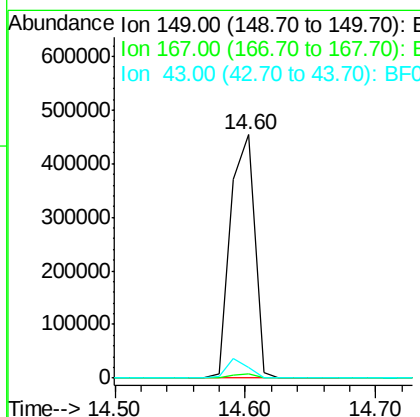
RT: 14.60 min Scan# 1095

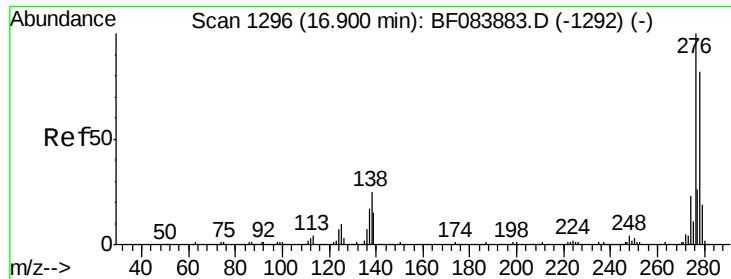
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	149	Resp:	580662
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.0	5.6	8.4





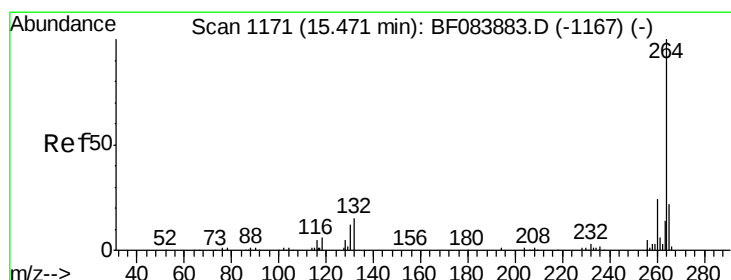
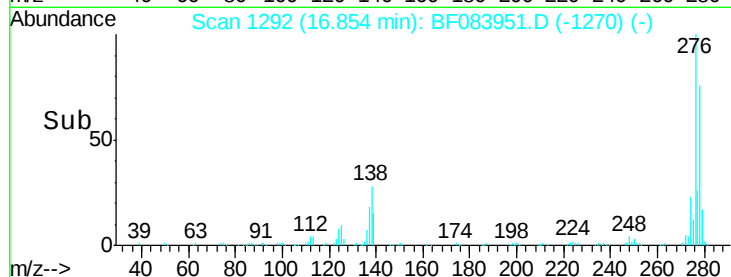
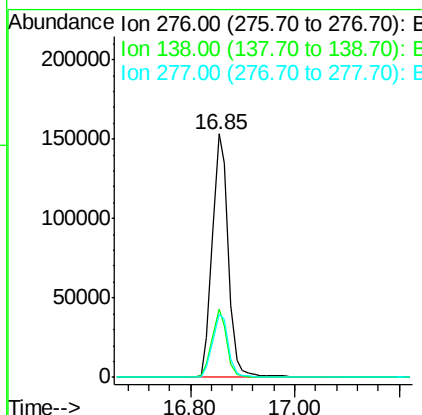
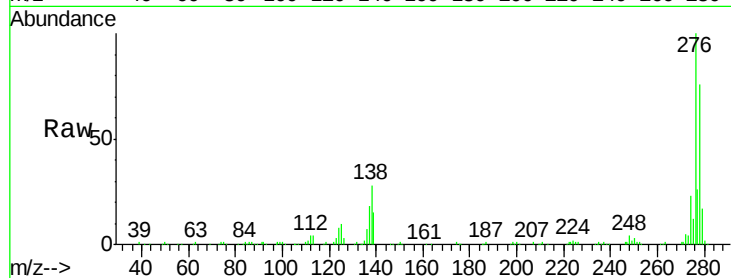
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.38 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	30.8
277	25.7	20.1	30.1

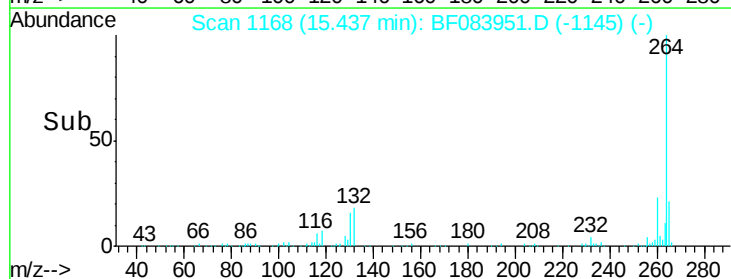
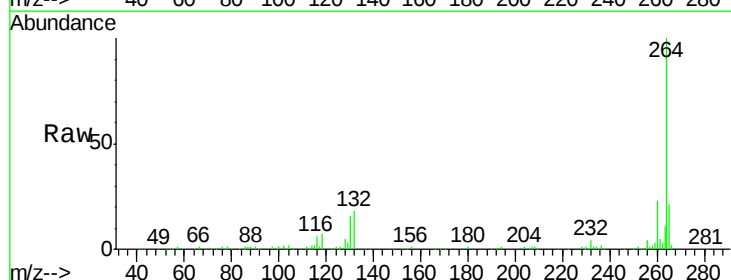
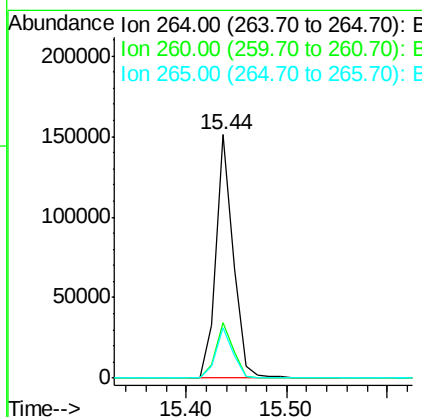
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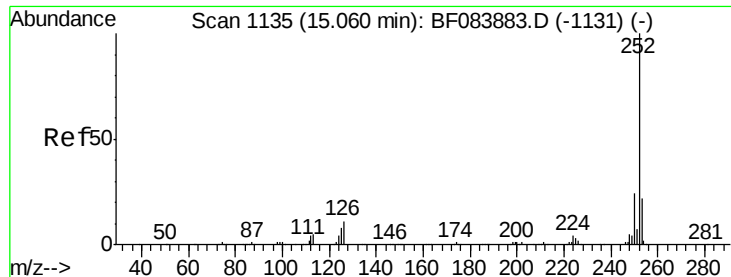
apatel
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	20.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 33.56 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Instrument :

BNA_F

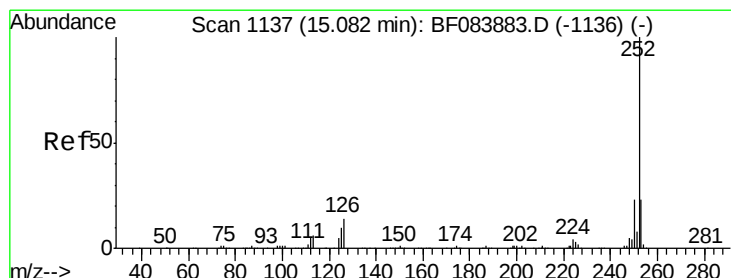
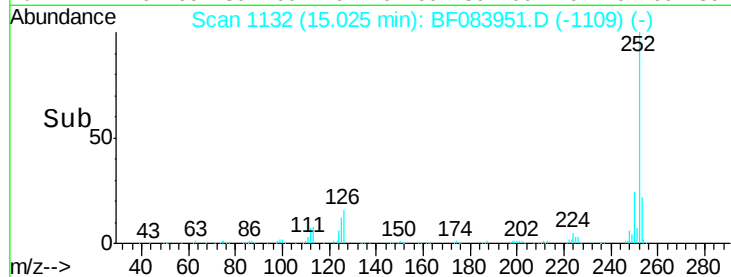
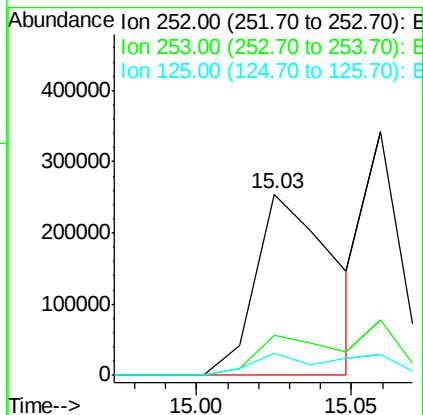
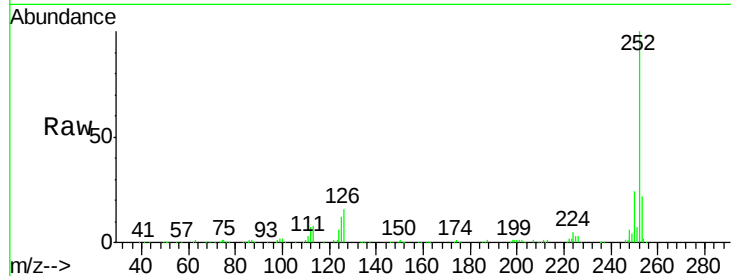
ClientSampleId :

PB87402BS

Tot Ion:	252	Resp:	442742
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	12.2	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 25.13 ng m

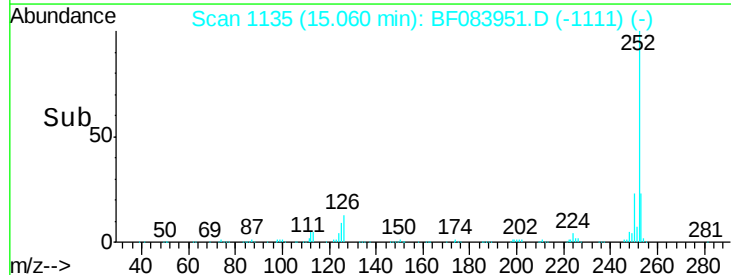
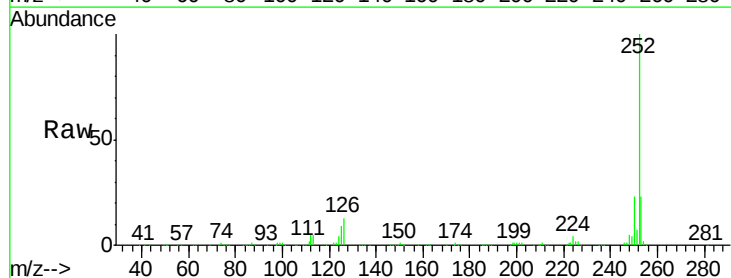
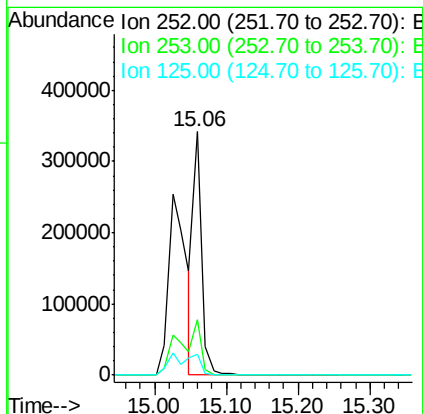
RT: 15.06 min Scan# 1135

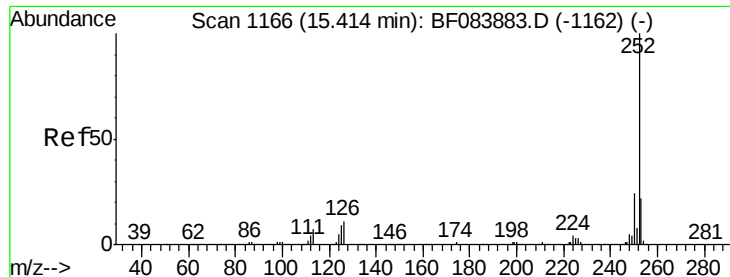
Delta R.T. -0.02 min

Lab File: BF083951.D

Acq: 19 Dec 2015 13:44

Tgt Ion:	252	Resp:	273461
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	8.7	9.0	13.6#





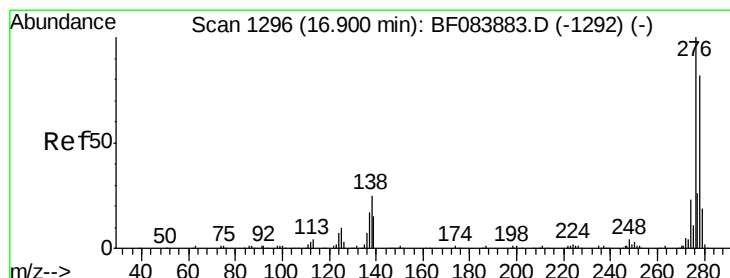
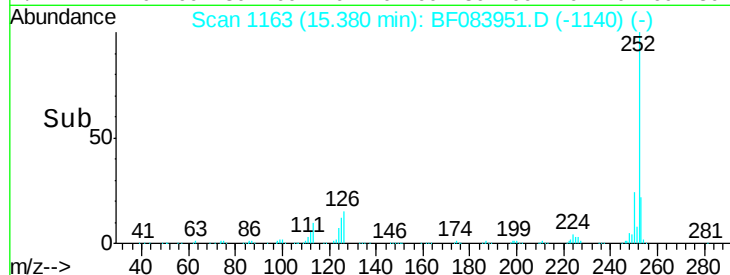
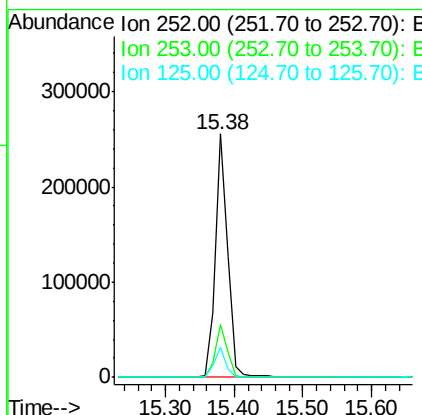
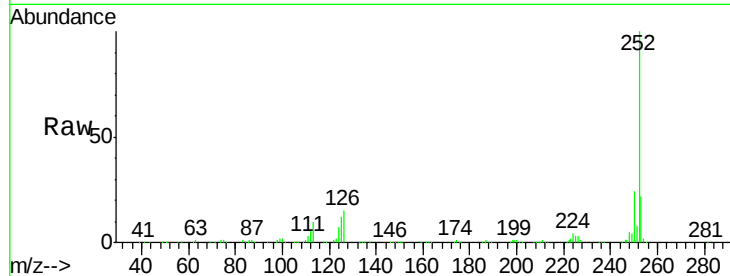
#89
Benzo(a)pyrene
Concen: 29.91 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.3	7.0	10.4

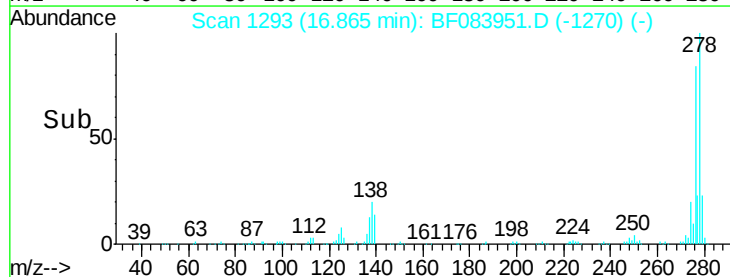
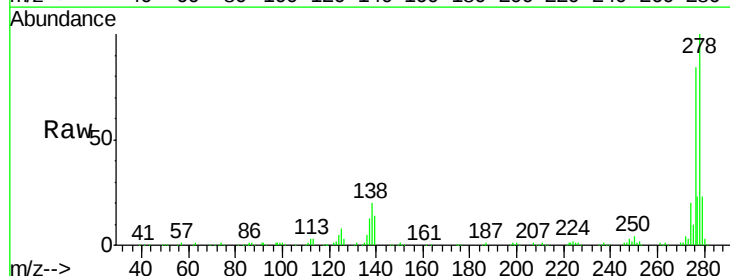
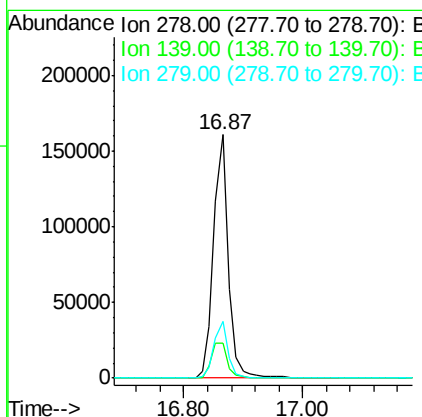
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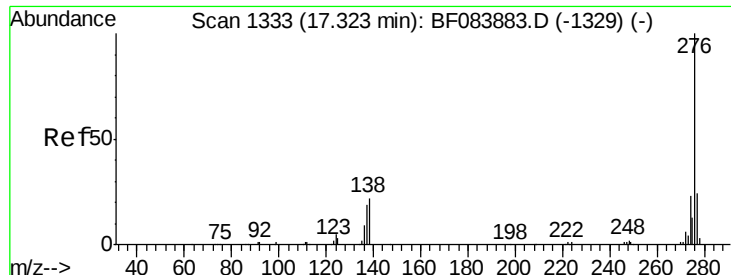
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 32.76 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083951.D
Acq: 19 Dec 2015 13:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	15.0	22.4
279	23.4	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 33.02 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083951.D
 Acq: 19 Dec 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BS

Tot Ion:	276	Resp:	274246
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	22.7	17.8	26.6

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