

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083933.D
 Acq On : 19 Dec 2015 00:34
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Manual Integrations
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apatel
 12/22/2015 11:51:32 AM

Quant Time: Dec 19 05:36:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	54537	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	220642	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124089	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	210632	20.00	ng	0.00
75) Chrysene-d12	14.03	240	153238	20.00	ng	0.00
86) Perylene-d12	15.47	264	135243	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	433984	124.53	ng	0.01
7) Phenol-d6	6.52	99	484088	113.49	ng	0.01
23) Nitrobenzene-d5	7.44	82	310525	80.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	118560	86.73	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	674962	74.97	ng	-0.01
78) Terphenyl-d14	12.98	244	510937	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	67732	44.80	ng	97
3) Pyridine	3.29	79	153479	41.06	ng	98
4) n-Nitrosodimethylamine	3.22	42	67501	47.34	ng	98
6) Aniline	6.53	93	119608	21.77	ng	# 1
8) 2-Chlorophenol	6.66	128	162289	39.13	ng	95
9) Benzaldehyde	6.41	77	62306	24.24	ng	95
10) Phenol	6.53	94	200907	42.21	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	129188	35.73	ng	94
12) 1,3-Dichlorobenzene	6.81	146	161201m	36.14	ng	
13) 1,4-Dichlorobenzene	6.89	146	172480m	37.88	ng	
14) 1,2-Dichlorobenzene	7.04	146	146038	39.33	ng	95
15) Benzyl Alcohol	7.01	79	124157	38.46	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	131882	35.37	ng	94
17) 2-Methylphenol	7.14	107	122836	37.76	ng	# 94
18) Hexachloroethane	7.38	117	54765	32.77	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	101811	40.94	ng	# 90
20) 3+4-Methylphenols	7.29	107	148175	38.76	ng	# 62
22) Acetophenone	7.28	105	201549	37.94	ng	94
24) Nitrobenzene	7.45	77	140390	35.11	ng	94
25) Isophorone	7.69	82	274138	37.69	ng	98
26) 2-Nitrophenol	7.77	139	62672	30.28	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	132211	37.09	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	176204	40.95	ng	98
29) 2,4-Dichlorophenol	8.02	162	127129	39.31	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	132453	38.13	ng	95
31) Naphthalene	8.18	128	451655	40.41	ng	98
32) Benzoic acid	7.93	122	38159	33.10	ng	91
33) 4-Chloroaniline	8.22	127	78391	15.65	ng	# 93
34) Hexachlorobutadiene	8.29	225	73283	33.78	ng	97
35) Caprolactam	8.60	113	39075	36.57	ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	130410	35.35	ng	91
37) 2-Methylnaphthalene	8.86	142	293597	38.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	131911	33.72	ng	99
40) Hexachlorocyclopentadiene	9.02	237	19286	26.95	ng	99

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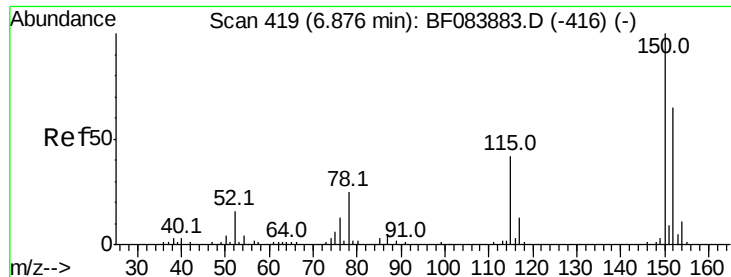
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90559	35.06	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	96001	37.55	nq #	89
45) 1,1'-Biphenyl	9.33	154	432544	41.40	nq	98
46) 2-Chloronaphthalene	9.36	162	322837	39.38	nq	96
47) 2-Nitroaniline	9.45	65	94372	38.46	nq	95
48) Acenaphthylene	9.77	152	511342	35.35	nq	99
49) Dimethylphthalate	9.63	163	385076	36.98	nq #	90
50) 2,6-Dinitrotoluene	9.70	165	82675	36.40	nq #	85
51) Acenaphthene	9.94	154	311970	35.07	nq	99
52) 3-Nitroaniline	9.86	138	70808	29.58	nq	96
53) 2,4-Dinitrophenol	9.97	184	14017	25.27	nq	97
54) Dibenzofuran	10.11	168	460218	39.84	nq	92
55) 4-Nitrophenol	10.04	139	99545	66.60	nq	98
56) 2,4-Dinitrotoluene	10.10	165	115628	39.71	nq	93
57) Fluorene	10.45	166	295298	32.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75324	39.82	nq	95
59) Diethylphthalate	10.33	149	420174	39.03	nq	95
60) 4-Chlorophenyl-phenylether	10.44	204	155038	35.02	nq #	79
61) 4-Nitroaniline	10.48	138	81044	32.72	nq	97
62) Azobenzene	10.60	77	376227	41.70	nq	89
64) 4,6-Dinitro-2-methylphenol	10.51	198	13828	13.74	nq	97
65) n-Nitrosodiphenylamine	10.57	169	344536	44.95	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	105133	40.83	nq #	73
67) Hexachlorobenzene	11.01	284	116789	43.07	nq #	91
68) Atrazine	11.09	200	78768	32.44	nq	98
69) Pentachlorophenol	11.21	266	66491	59.10	nq	100
70) Phenanthrene	11.41	178	444914	34.96	nq	99
71) Anthracene	11.47	178	514755	41.84	nq	99
72) Carbazole	11.62	167	348227	28.65	nq	99
73) Di-n-butylphthalate	11.95	149	589150	41.25	nq #	97
74) Fluoranthene	12.60	202	370989	29.21	nq	99
76) Benzidine	12.73	184	200654	32.70	nq	98
77) Pyrene	12.83	202	425610	43.74	nq	100
79) Butylbenzylphthalate	13.45	149	194149	38.06	nq	95
80) Benzo(a)anthracene	14.02	228	358661	38.07	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	113924	32.35	nq #	93
82) Chrysene	14.05	228	315775	34.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	296119	43.48	nq	100
84) Di-n-octyl phthalate	14.61	149	476455	44.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	270377	39.73	nq	100
87) Benzo(b)fluoranthene	15.06	252	361548	36.67	nq	99
88) Benzo(k)fluoranthene	15.08	252	321299m	39.50	nq	
89) Benzo(a)pyrene	15.41	252	331620	40.73	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	227792	35.96	nq	98
91) Benzo(g,h,i)perylene	17.33	276	215137	34.66	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

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Instrument :

BNA_F

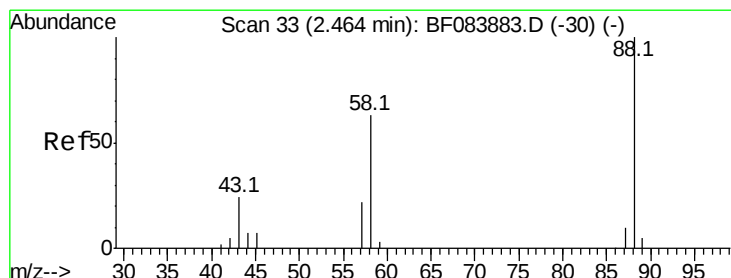
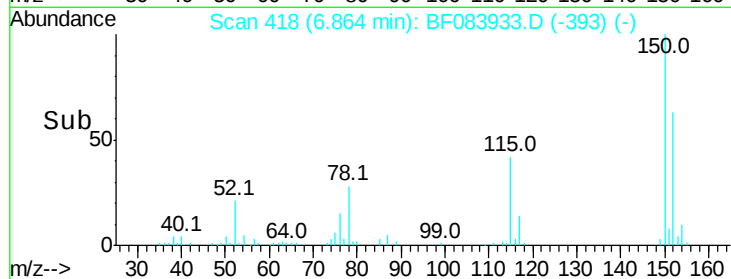
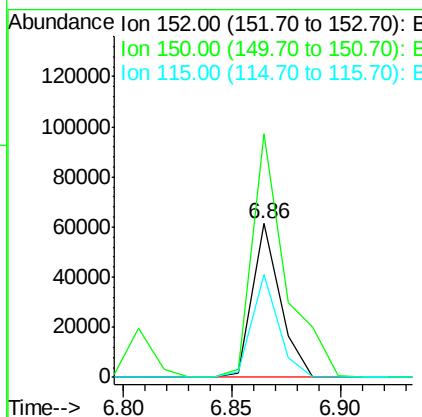
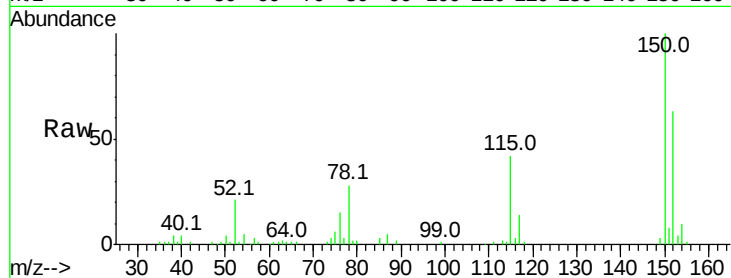
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.4
115	67.3	51.4	77.2



#2

1,4-Dioxane

Concen: 44.80 ng

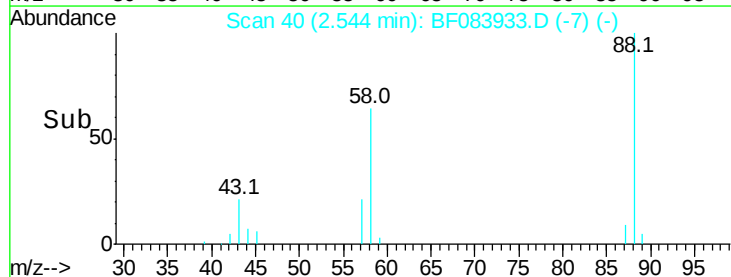
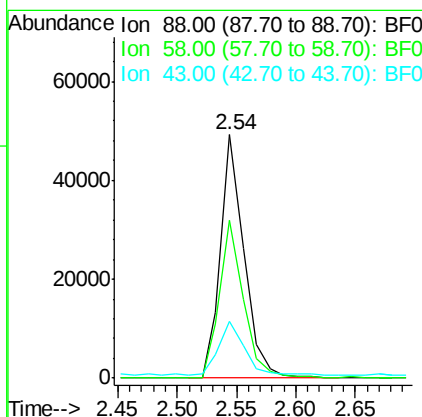
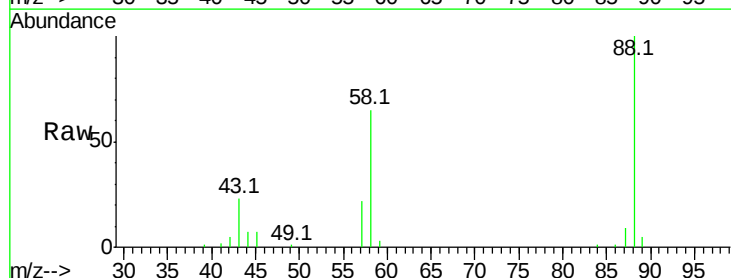
RT: 2.54 min Scan# 40

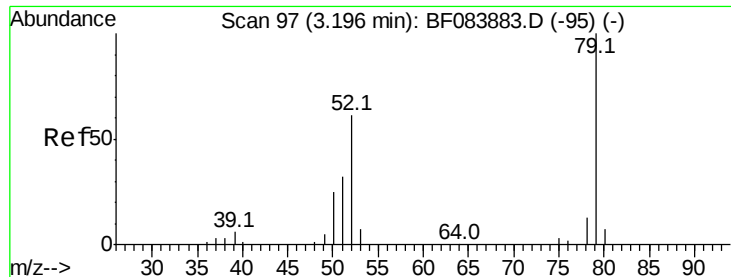
Delta R.T. 0.08 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	51.2	76.8
43	23.2	19.5	29.3





#3

Pvridine

Concen: 41.06 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

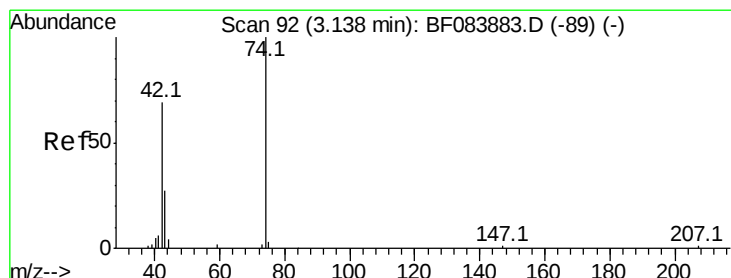
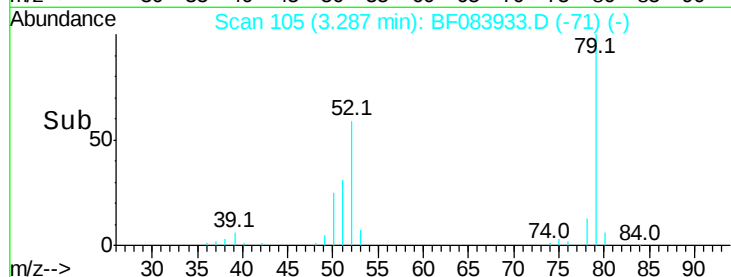
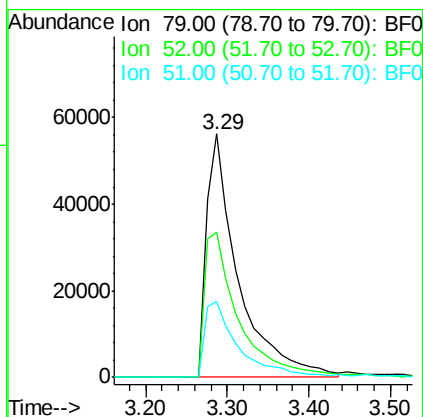
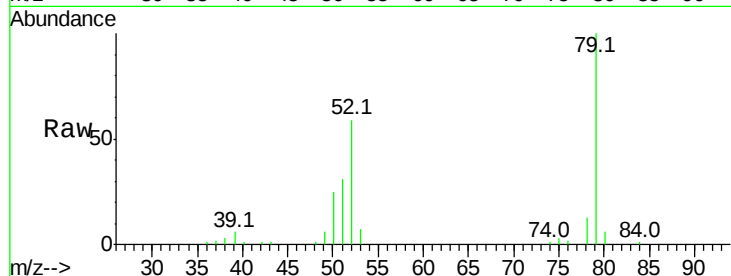
ClientSampleId :

PB87185BS

Tot Ion:	79	Resp:	153479
Ion Ratio	Lower	Upper	
79	100		
52	59.5	49.0	73.4
51	31.3	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 47.34 ng

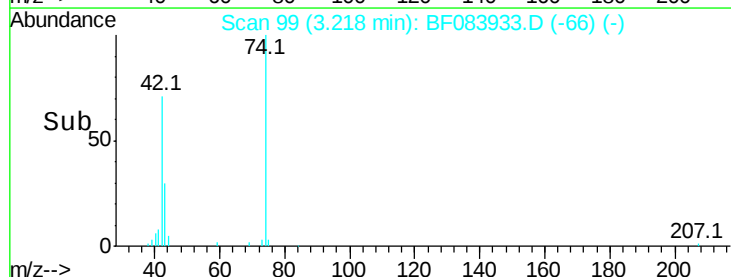
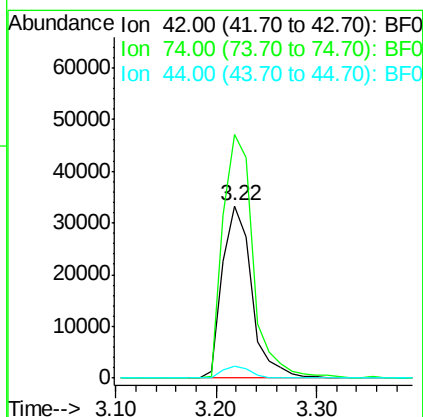
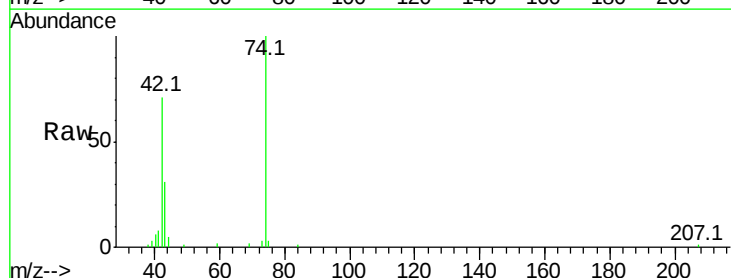
RT: 3.22 min Scan# 99

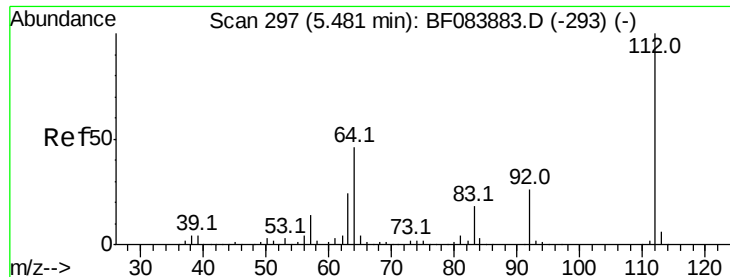
Delta R.T. 0.08 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	42	Resp:	67501
Ion Ratio	Lower	Upper	
42	100		
74	141.5	115.7	173.5
44	6.7	5.1	7.7





#5

2-Fluorophenol

Concen: 124.53 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

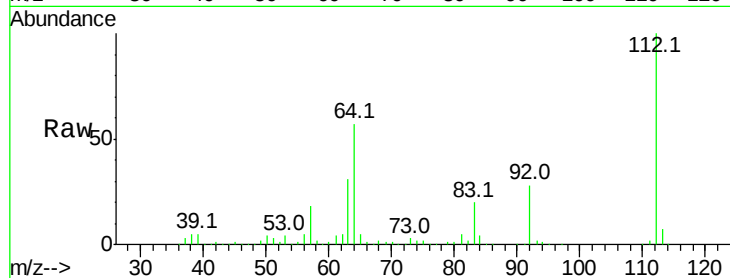
ClientSampleId :

PB87185BS

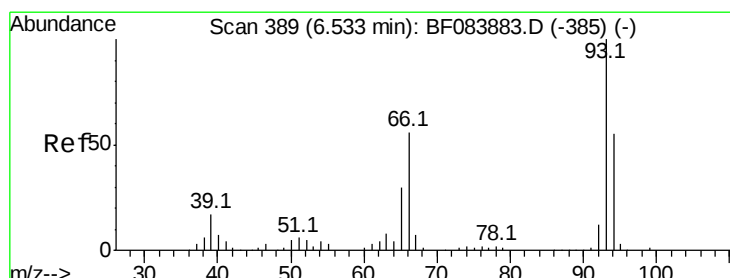
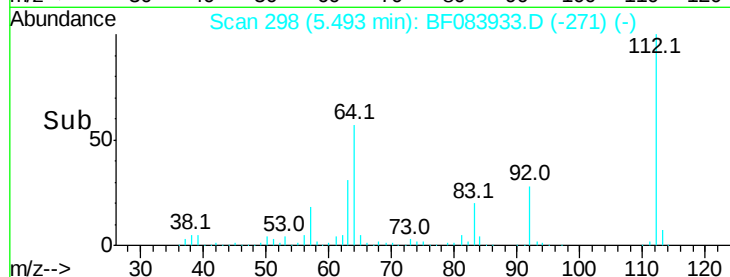
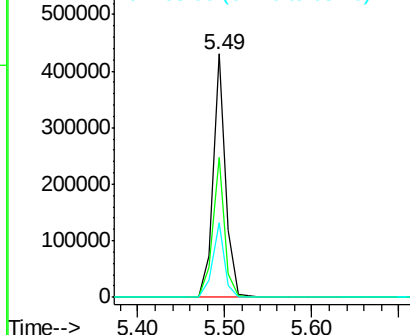
Tot Ion:	112	Resp:	433984
Ion Ratio	Lower	Upper	
112	100		
64	57.4	36.6	55.0#
63	30.9	19.4	29.0#

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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.77 ng

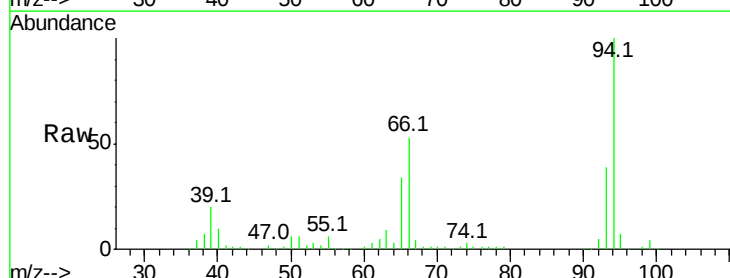
RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

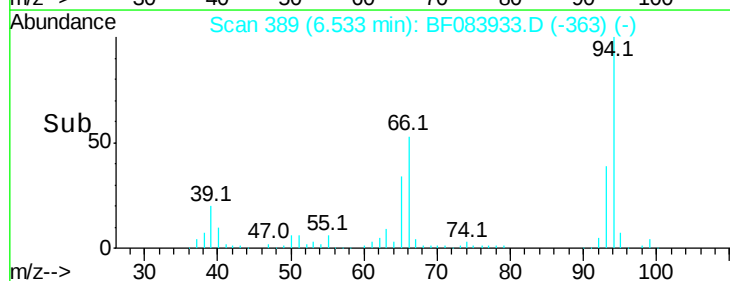
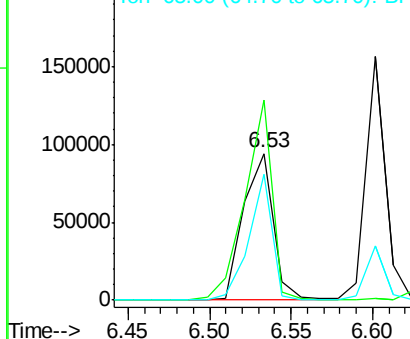
Lab File: BF083933.D

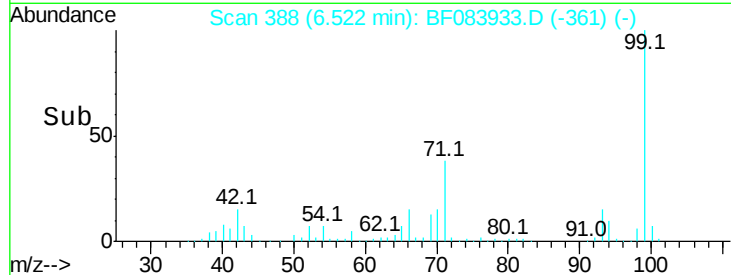
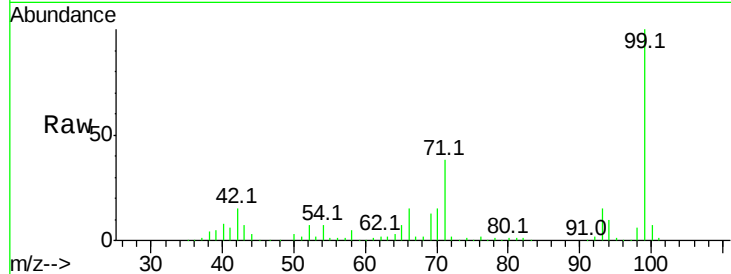
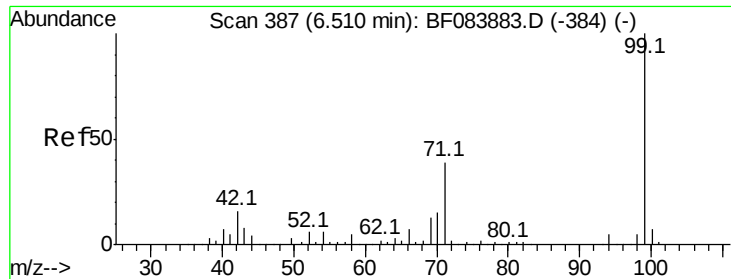
Acq: 19 Dec 2015 00:34

Tgt Ion:	93	Resp:	119608
Ion Ratio	Lower	Upper	
93	100		
66	136.4	44.9	67.3#
65	85.6	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.49 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tot Ion:	99	Resp:	484088
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.8	19.2
71	38.1	30.9	46.3

Instrument :

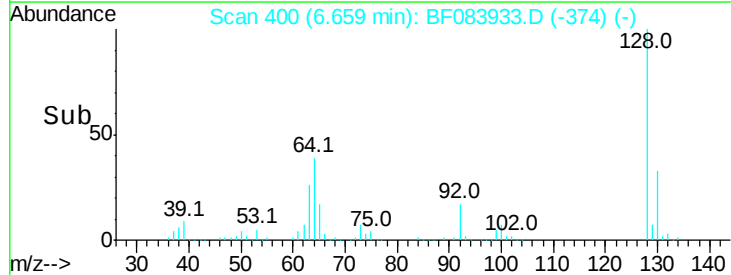
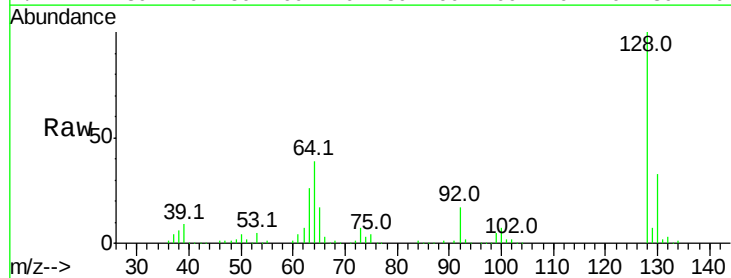
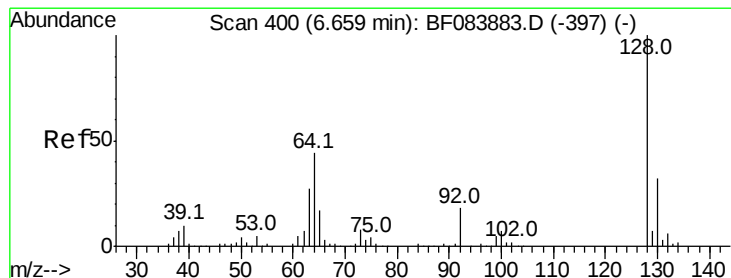
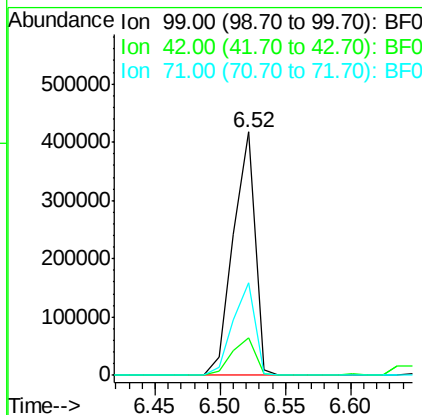
BNA_F

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#8

2-Chlorophenol

Concen: 39.13 ng

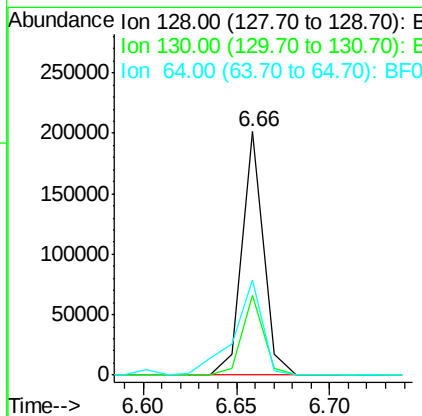
RT: 6.66 min Scan# 400

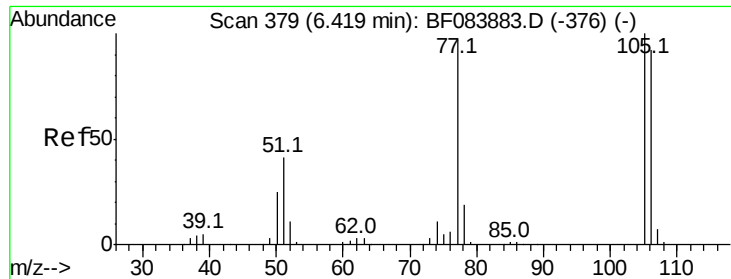
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	128	Resp:	162289
Ion Ratio	Lower	Upper	
128	100		
130	32.6	11.6	51.6
64	39.2	23.8	63.8





#9

Benzaldehyde

Concen: 24.24 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tot Ion: 77 Resp: 62306

Ion Ratio Lower Upper

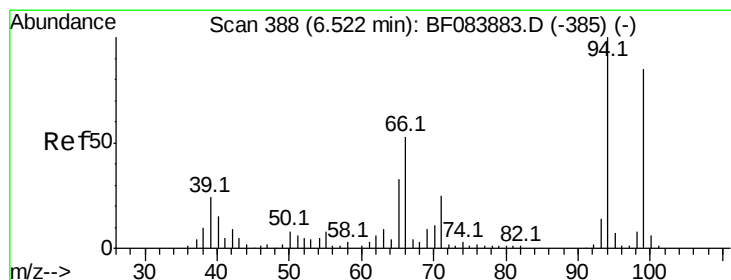
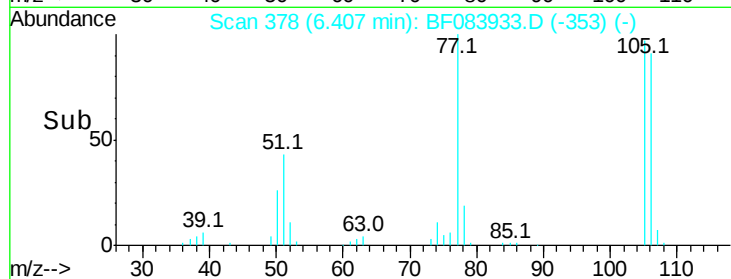
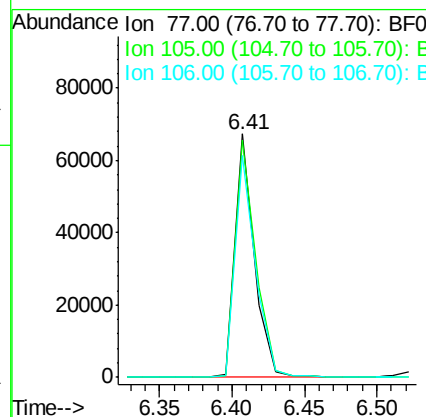
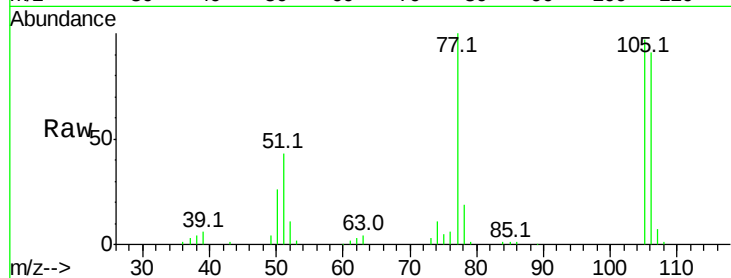
77 100

105 97.3 83.0 123.0

106 91.2 74.6 114.6

Manual Integrations
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12/22/2015 11:51:32 AM



#10

Phenol

Concen: 42.21 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

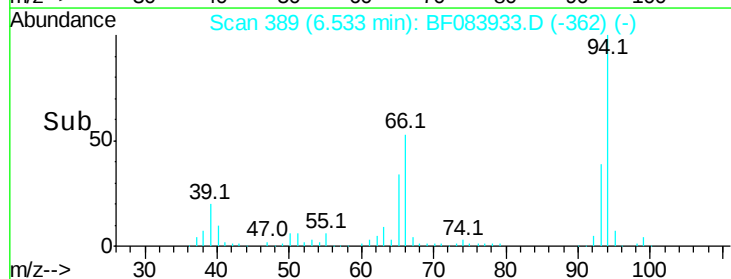
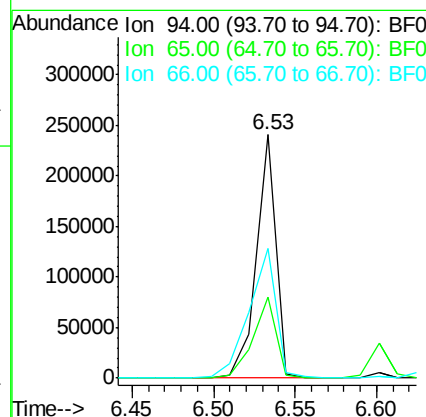
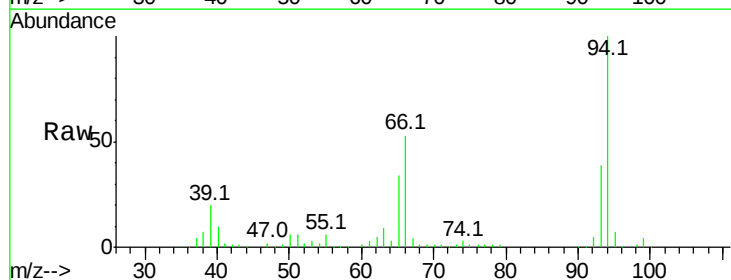
Tgt Ion: 94 Resp: 200907

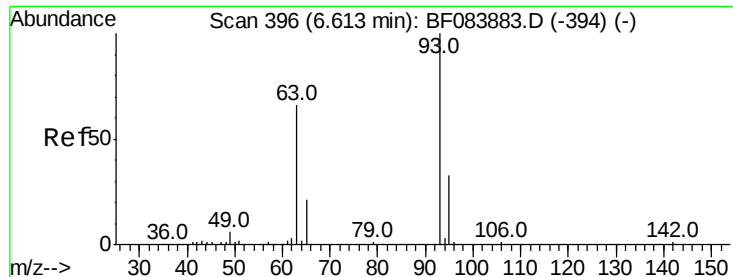
Ion Ratio Lower Upper

94 100

65 33.5 12.9 52.9

66 53.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.73 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

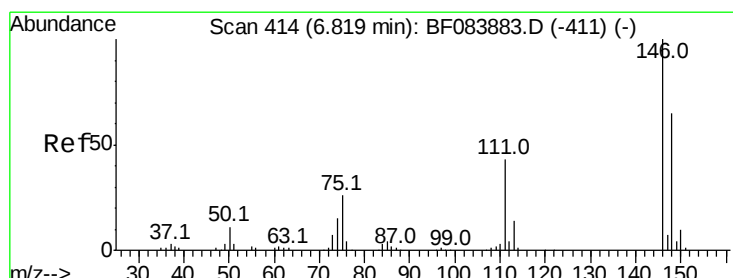
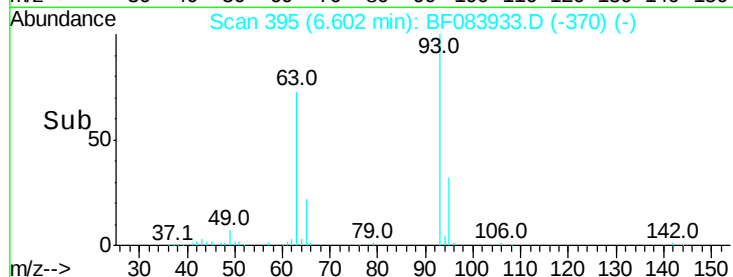
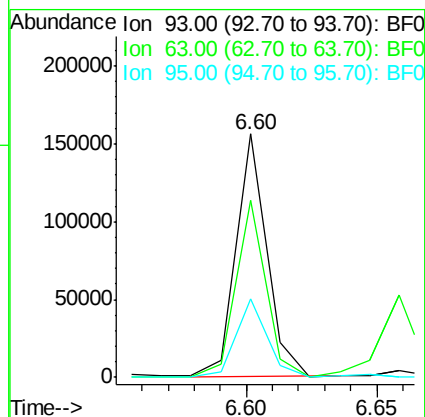
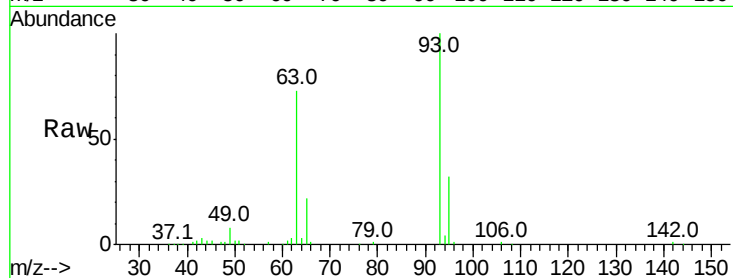
ClientSampleId :

PB87185BS

Tot Ion	93	Resp	129188
Ion Ratio	Lower	Upper	
93	100		
63	72.6	45.9	85.9
95	32.3	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.14 ng m

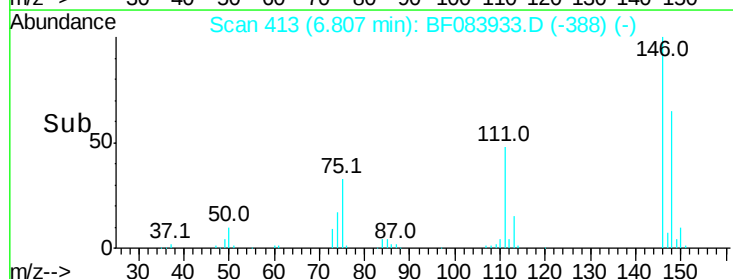
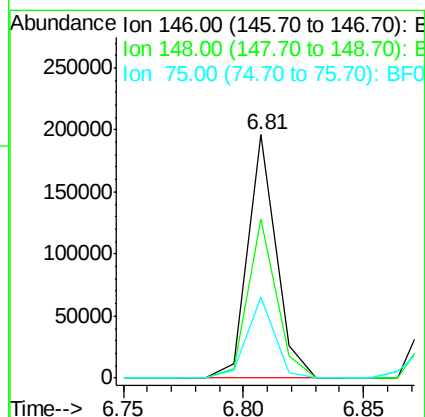
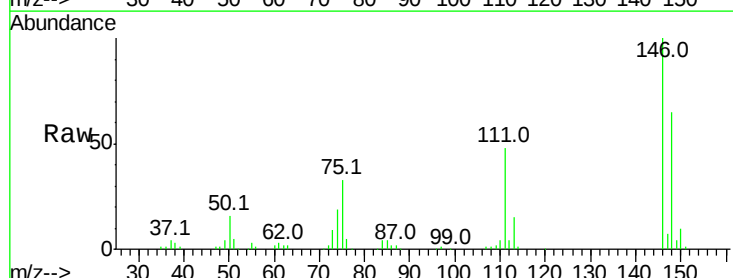
RT: 6.81 min Scan# 413

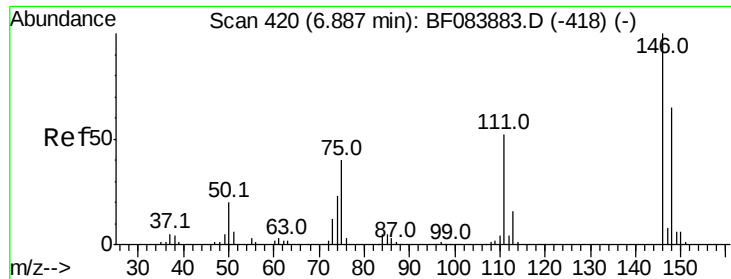
Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	146	Resp	161201
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
75	33.2	20.5	30.7#





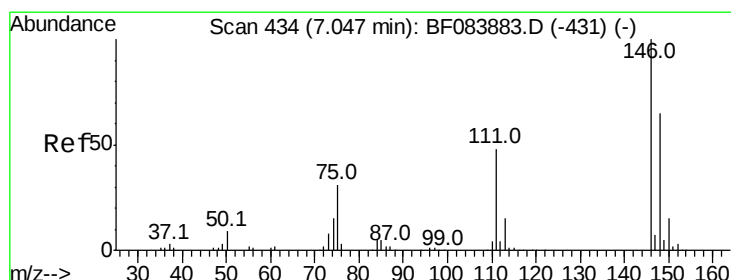
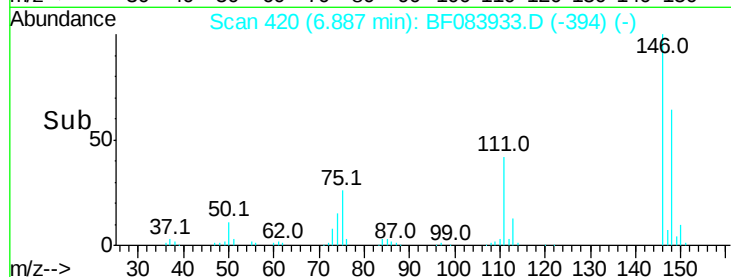
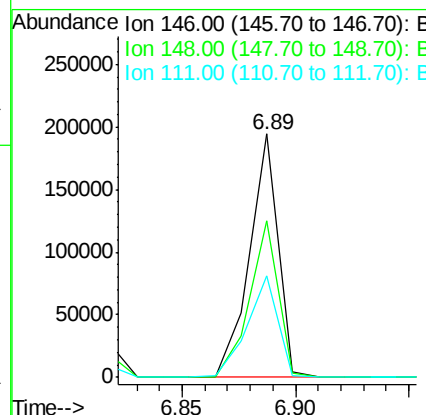
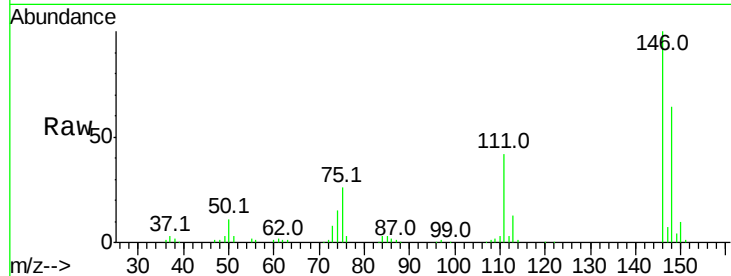
#13
 1,4-Dichlorobenzene
 Concen: 37.88 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleID :
 PB87185BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	41.5	41.6	62.4

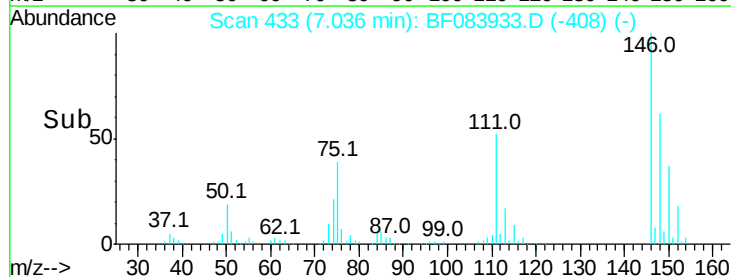
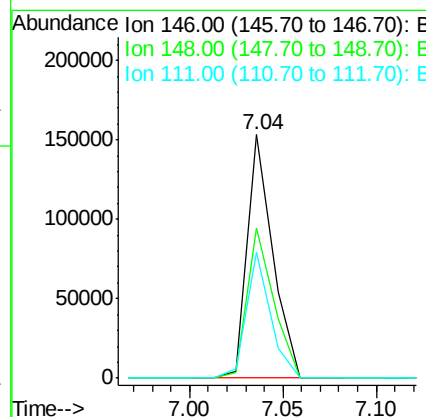
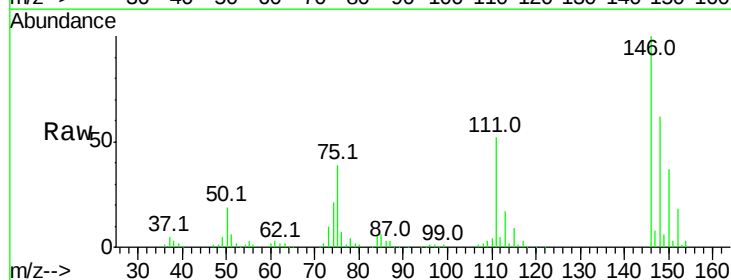
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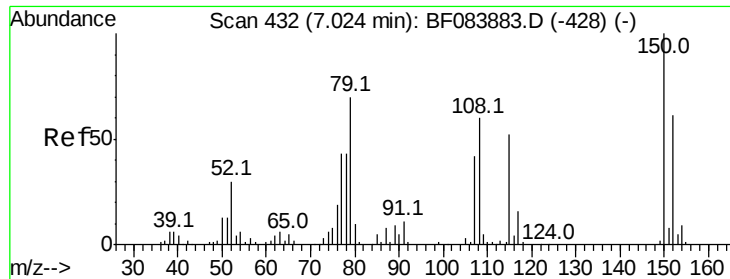
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#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.6	77.4
111	51.7	38.0	57.0





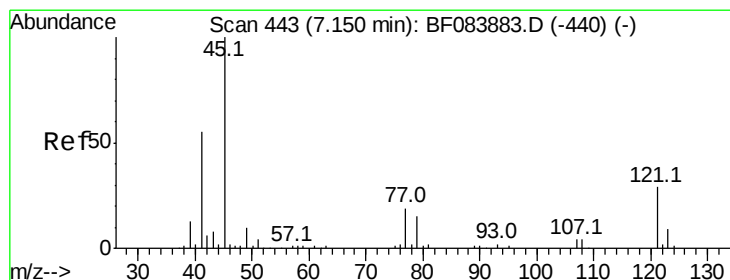
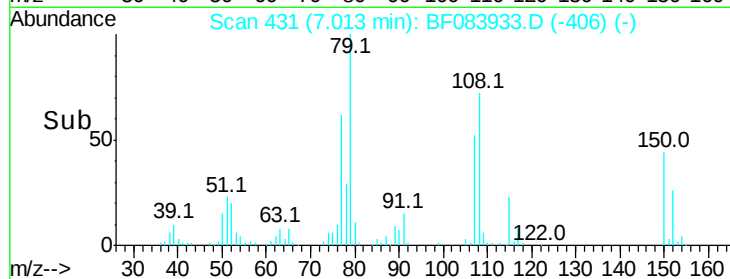
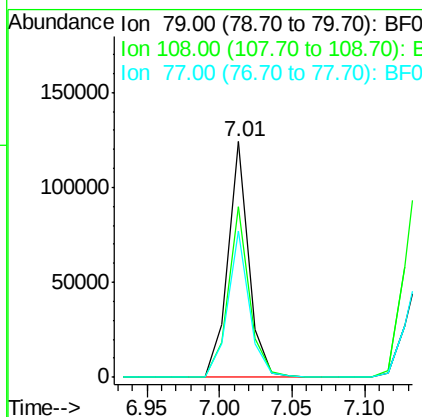
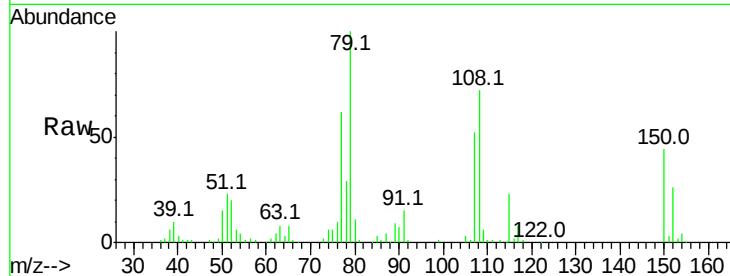
#15
Benzyl Alcohol
Concen: 38.46 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.3	69.0	103.4
77	62.3	50.0	75.0

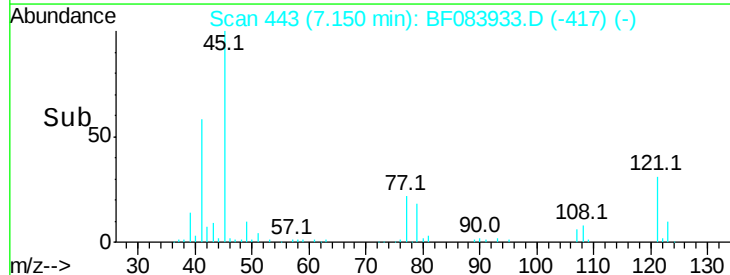
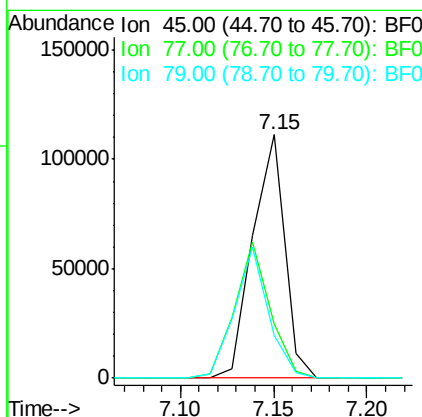
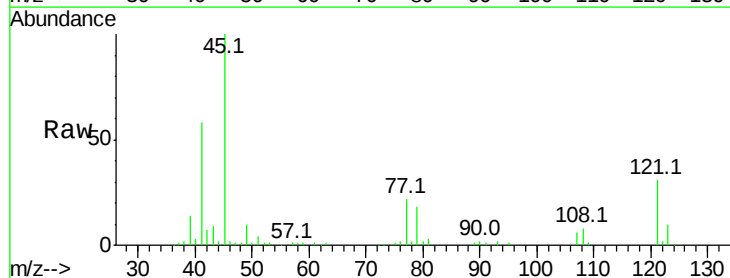
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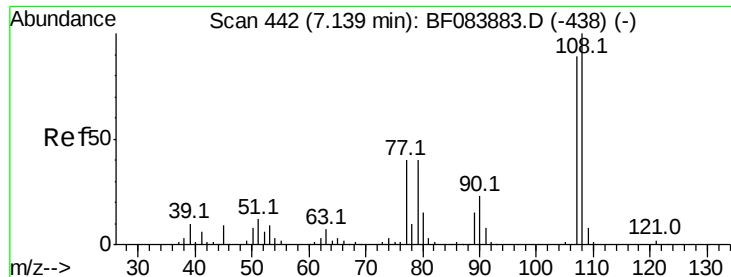
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.37 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.5	0.0	39.6
79	17.7	0.0	35.0





#17

2-Methylphenol

Concen: 37.76 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

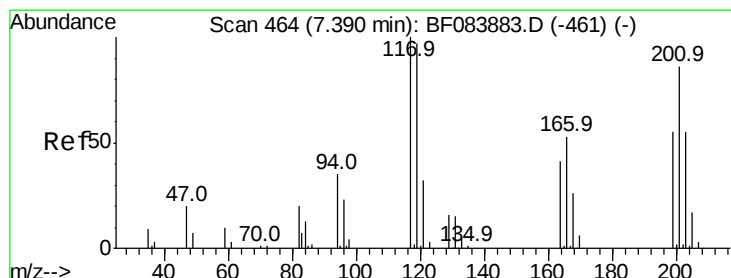
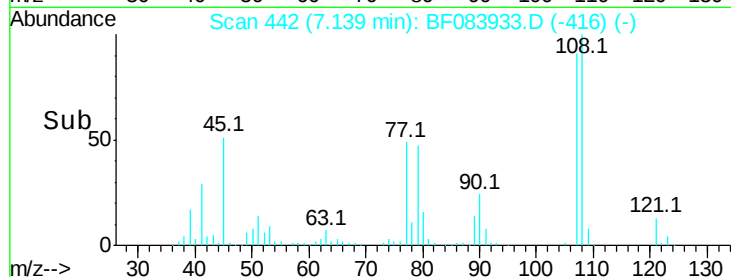
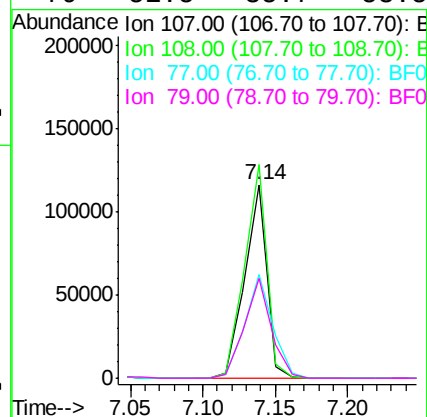
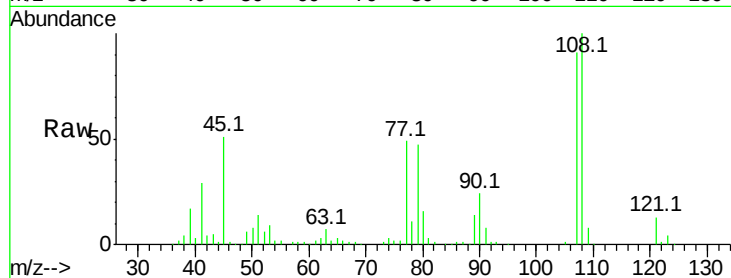
ClientSampleId :

PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	89.8	134.6	
77	53.8	35.7	53.5	
79	51.5	35.7	53.5	

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#18

Hexachloroethane

Concen: 32.77 ng

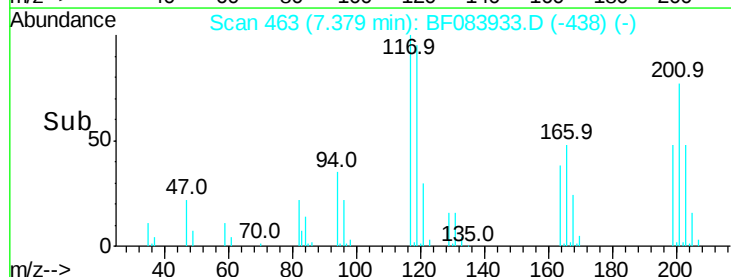
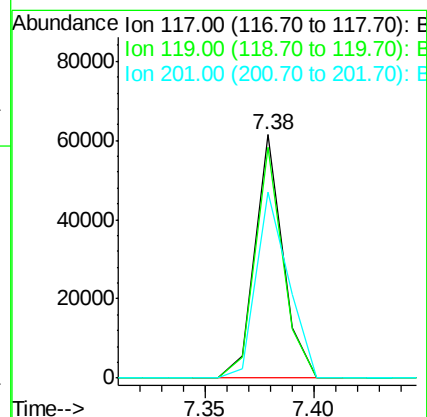
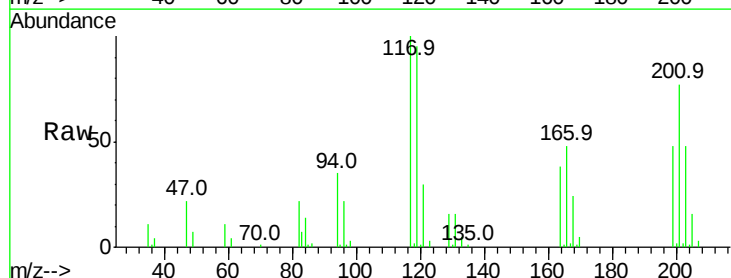
RT: 7.38 min Scan# 463

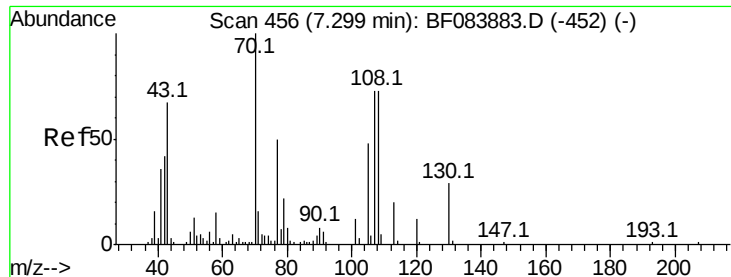
Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.4	116.0	
201	76.5	68.6	103.0	





#19

n-Nitroso-di-n-propylamine

Concen: 40.94 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

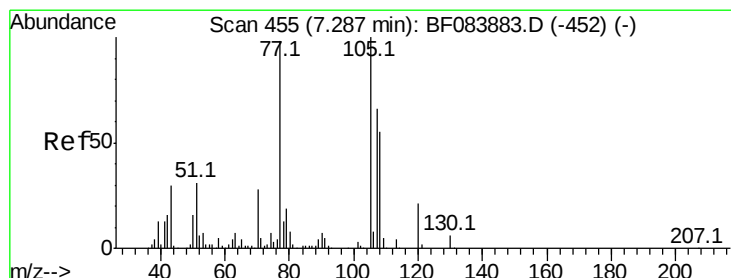
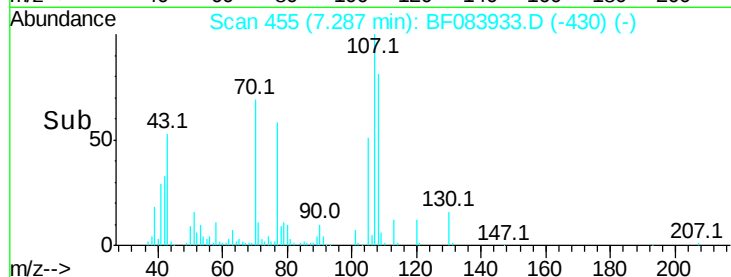
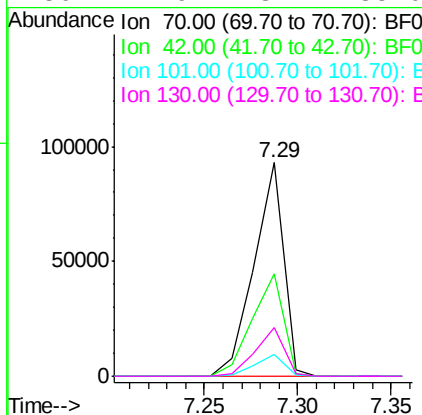
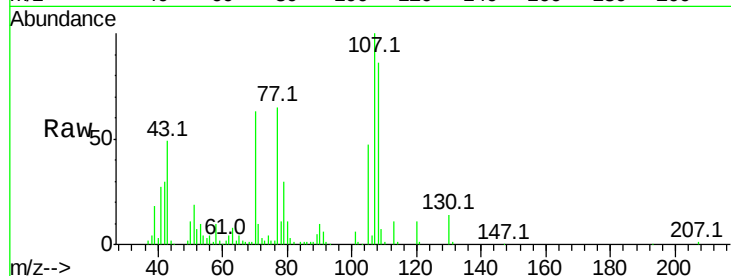
ClientSampleId :

PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.8	33.3	49.9		
101	10.2	9.3	13.9		
130	22.9	23.4	35.0		

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#20

3+4-Methylphenols

Concen: 38.76 ng

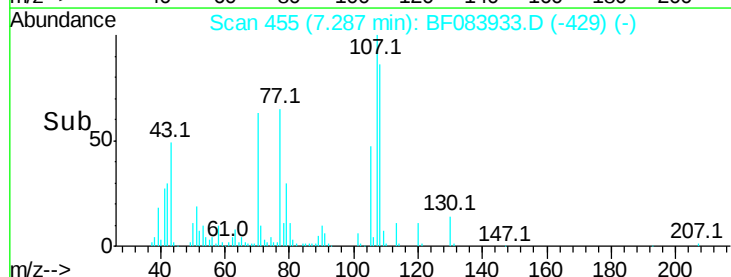
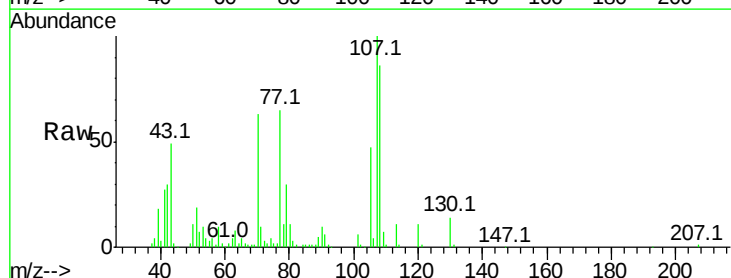
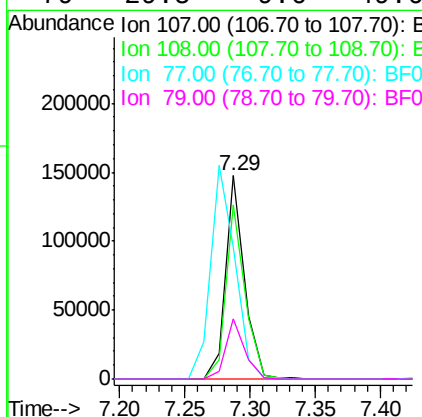
RT: 7.29 min Scan# 455

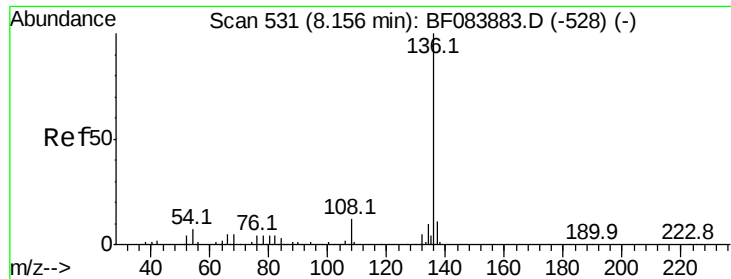
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.9	64.1	104.1		
77	65.1	128.9	168.9		
79	29.5	9.6	49.6		





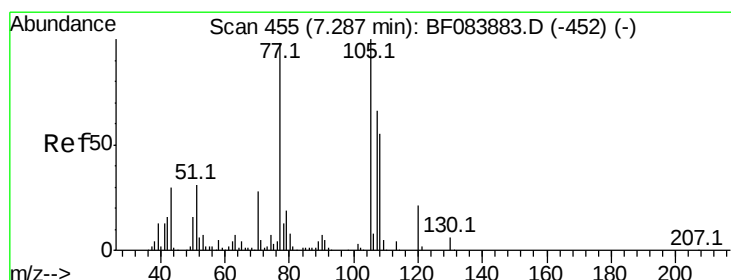
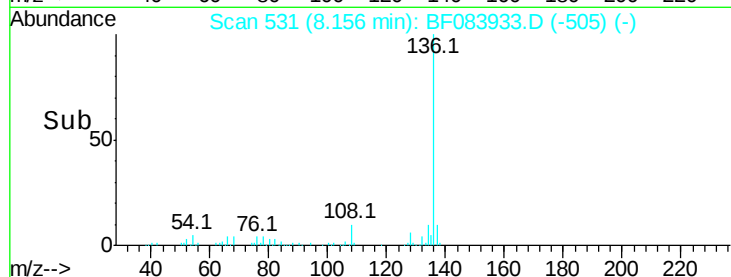
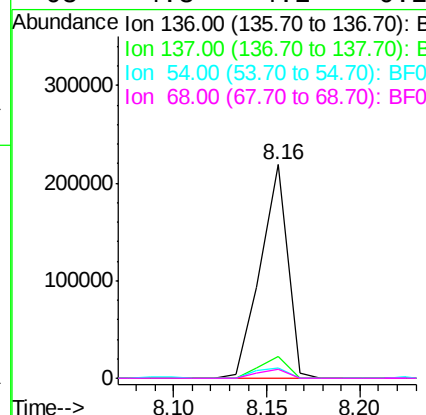
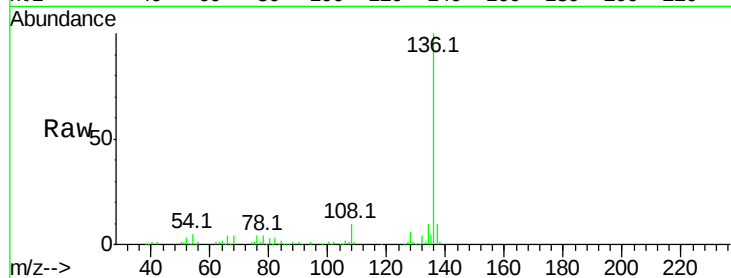
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	220642		
137	10.5		8.7	13.1
54	5.0		5.8	8.8#
68	4.3		4.2	6.2

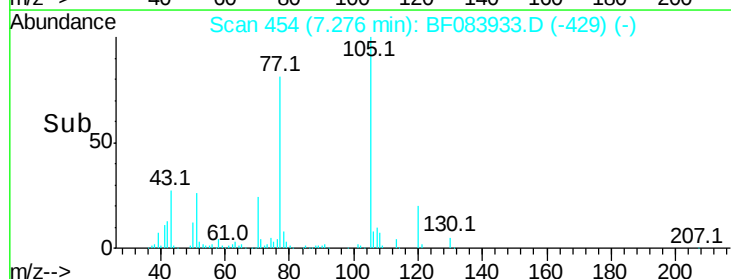
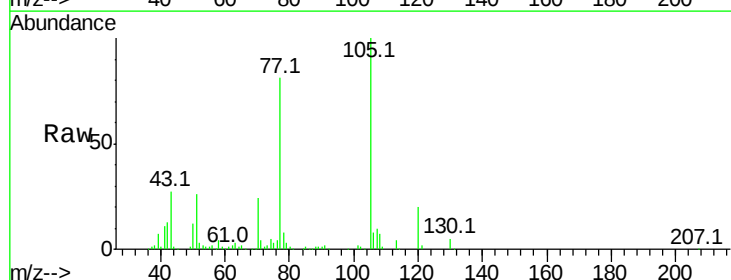
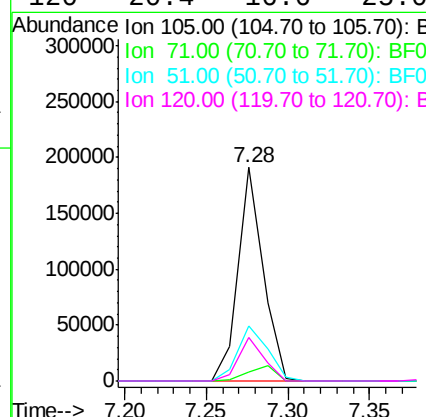
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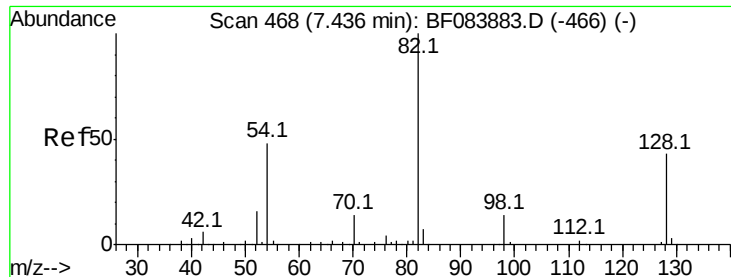
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#22
Acetophenone
Concen: 37.94 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201549		
71	4.1		3.7	5.5
51	26.0		25.1	37.7
120	20.4		16.6	25.0





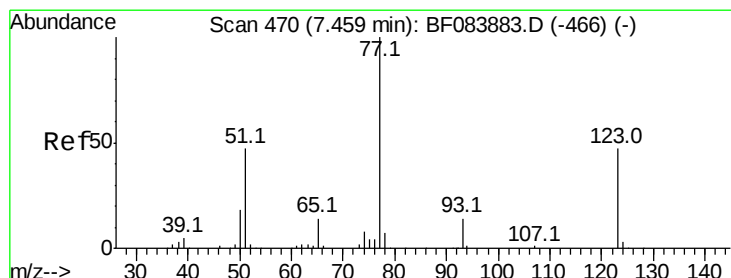
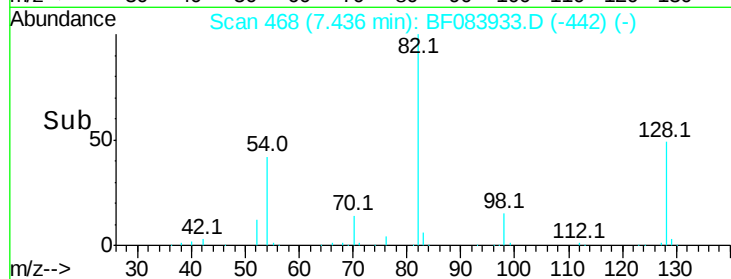
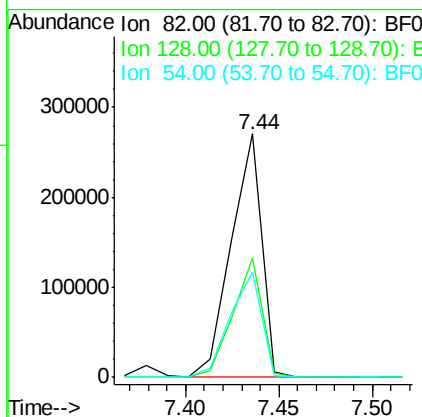
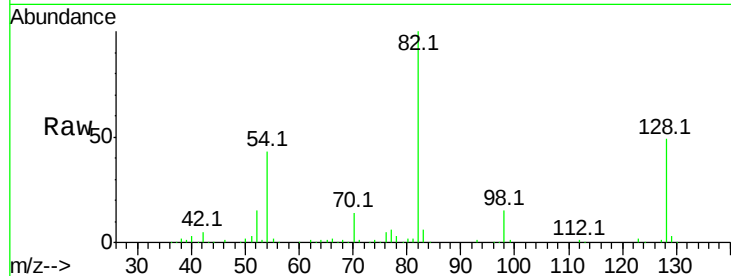
#23
 Nitrobenzene-d5
 Concen: 80.32 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.2	34.6	51.8	
54	43.3	38.4	57.6	

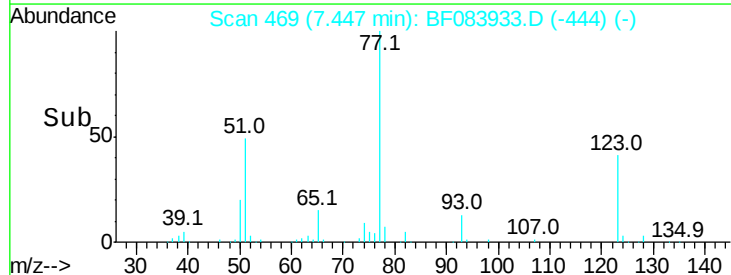
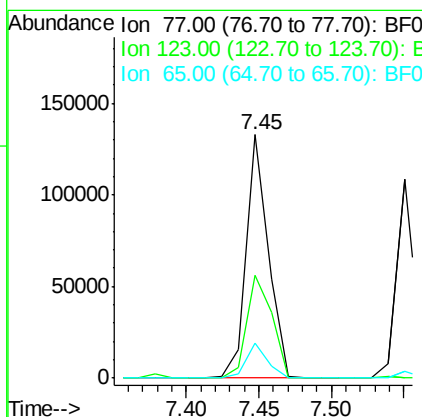
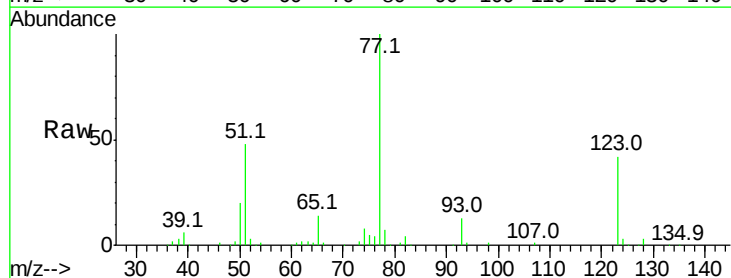
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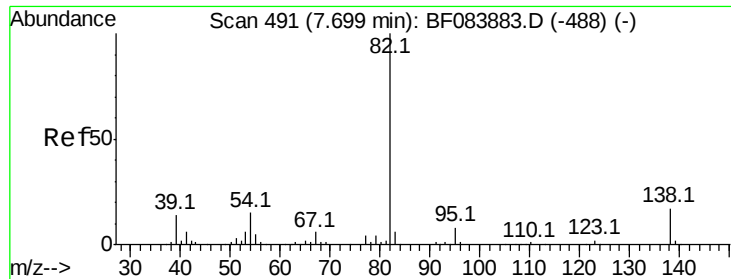
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#24
 Nitrobenzene
 Concen: 35.11 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.0	37.4	56.2	
65	14.3	10.9	16.3	





#25

Isophorone

Concen: 37.69 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

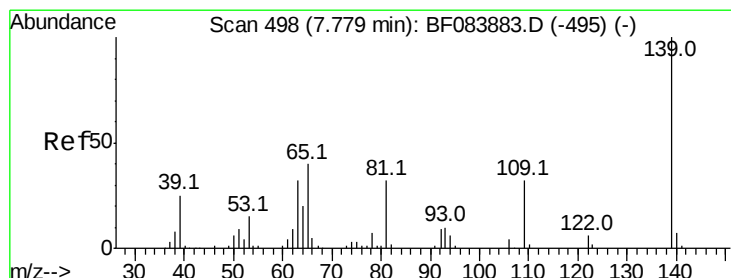
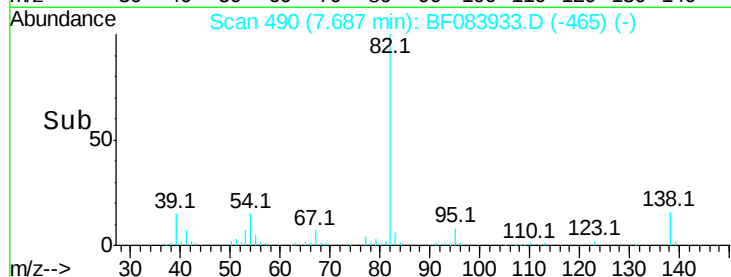
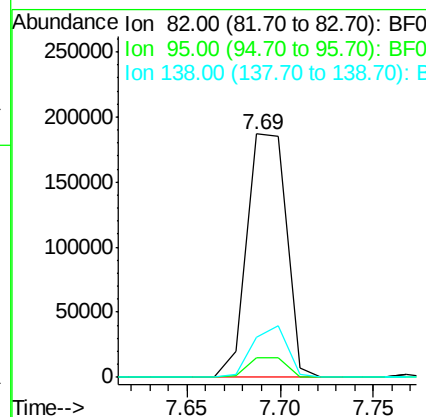
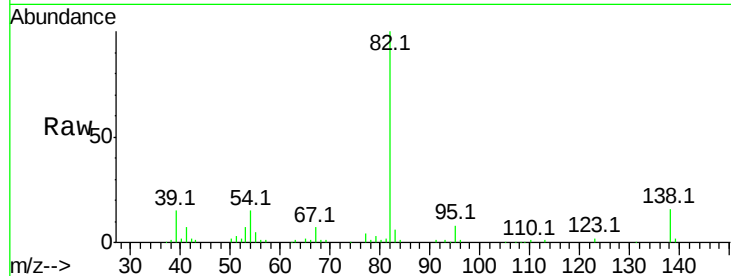
ClientSampleId :

PB87185BS

Tot Ion:	82	Resp:	274138
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.6	10.0
138	16.2	13.6	20.4

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#26

2-Nitrophenol

Concen: 30.28 ng

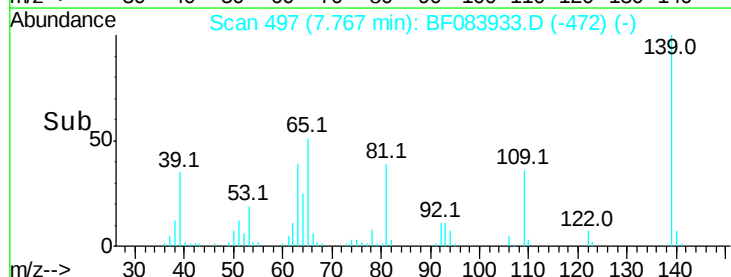
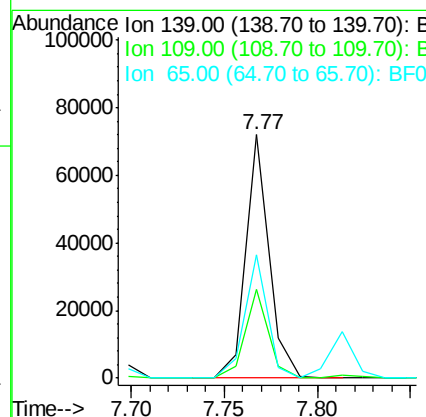
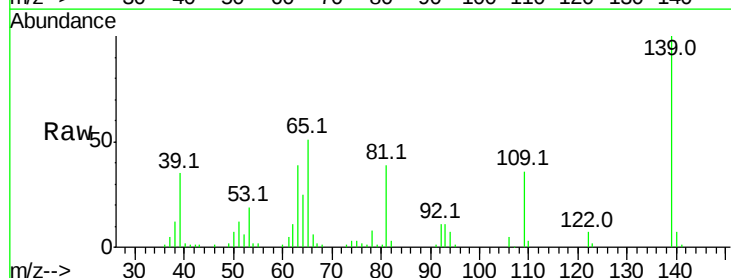
RT: 7.77 min Scan# 497

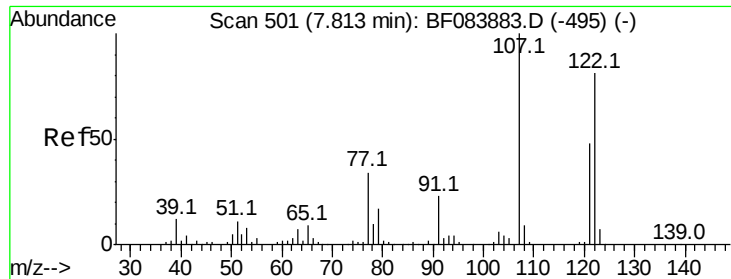
Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	139	Resp:	62672
Ion Ratio	Lower	Upper	
139	100		
109	36.4	25.4	38.2
65	50.8	32.3	48.5#





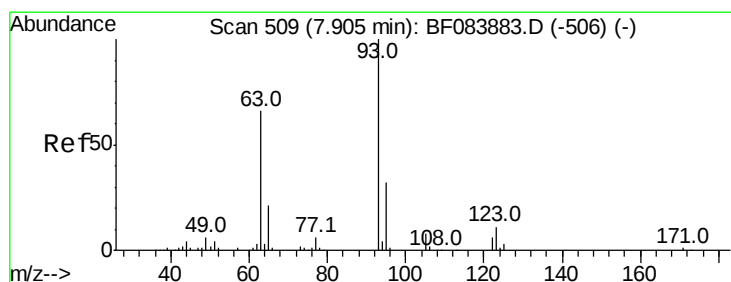
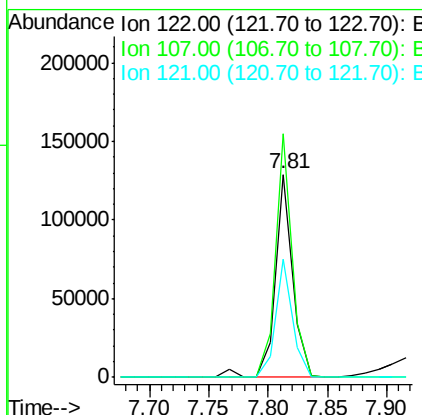
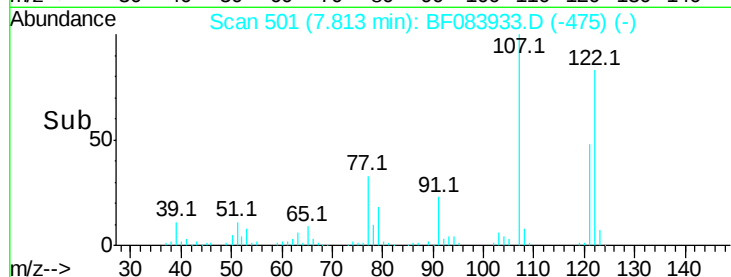
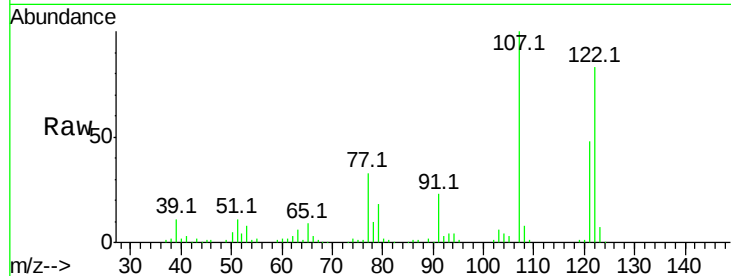
#27
 2,4-Dimethylphenol
 Concen: 37.09 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	132211		
107	120.0	99.1	148.7	
121	58.1	47.9	71.9	

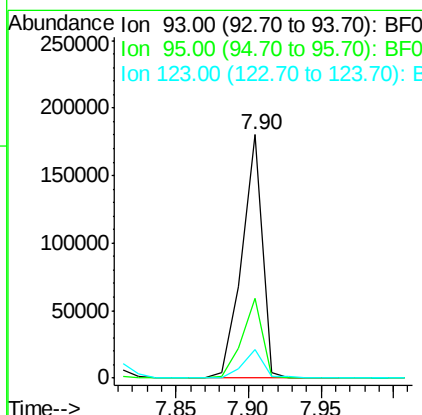
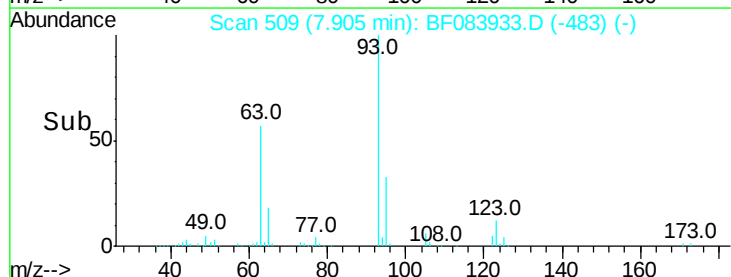
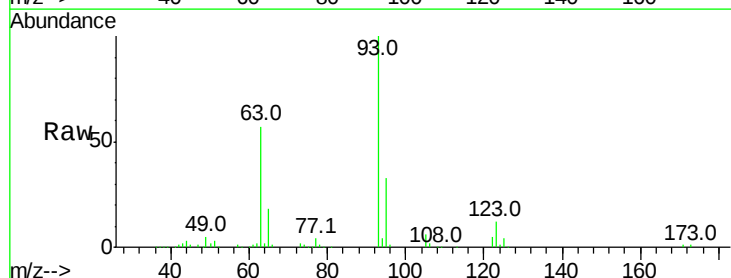
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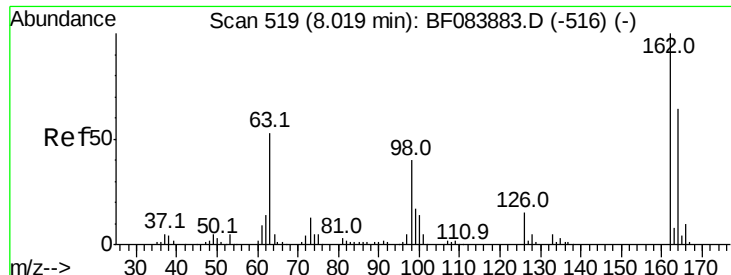
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.95 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176204		
95	32.9	25.8	38.6	
123	11.6	8.6	12.8	





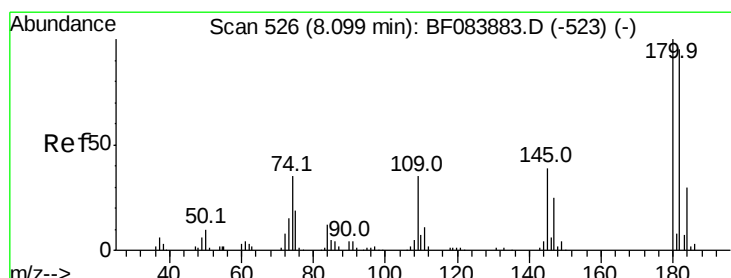
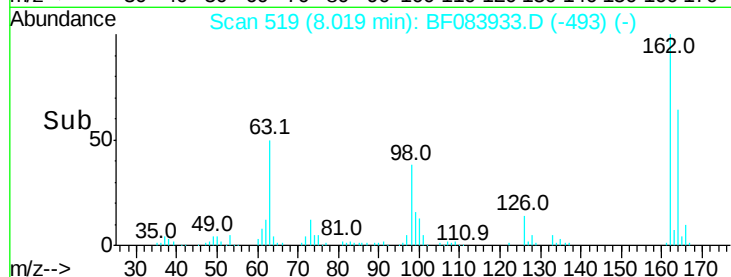
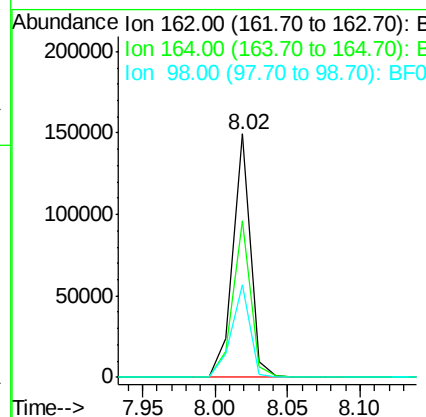
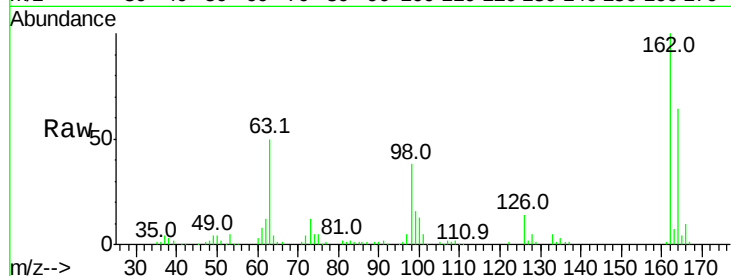
#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.1	84.1
98	37.9	20.2	60.2

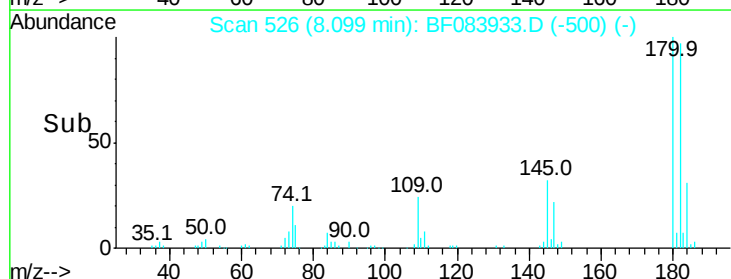
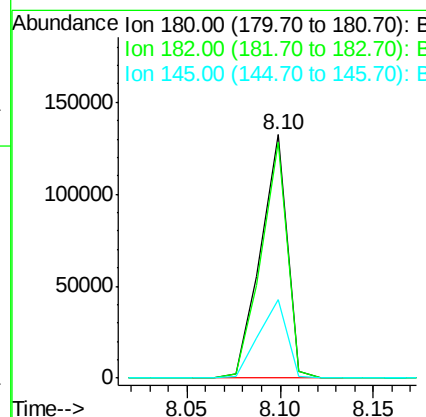
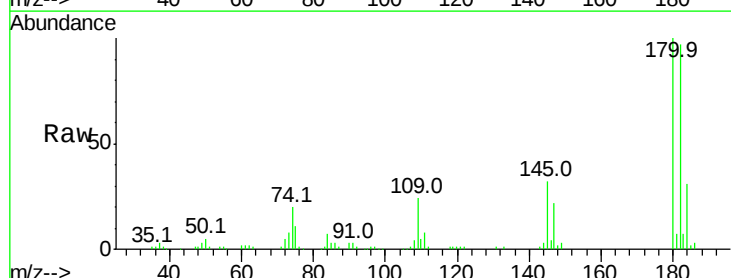
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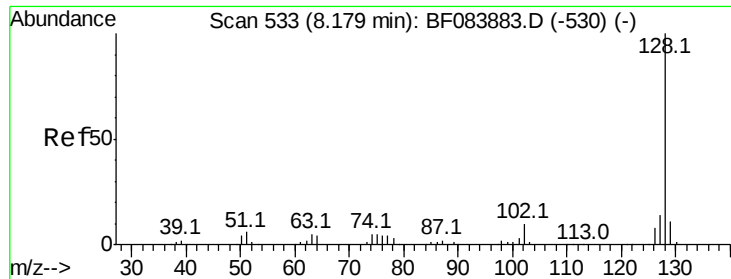
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.13 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	76.4	114.6
145	32.1	31.6	47.4





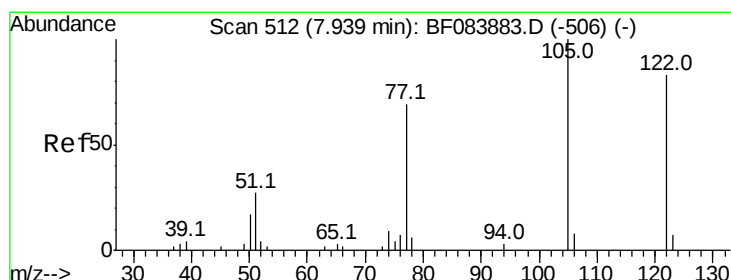
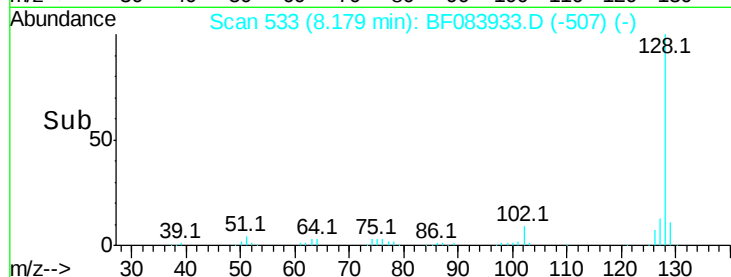
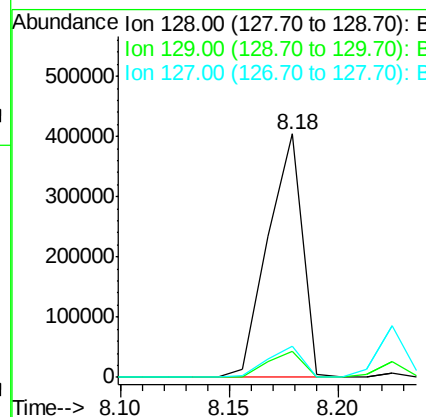
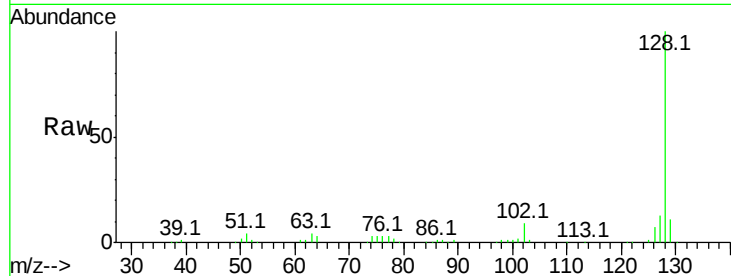
#31
Naphthalene
Concen: 40.41 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.8	11.1	16.7

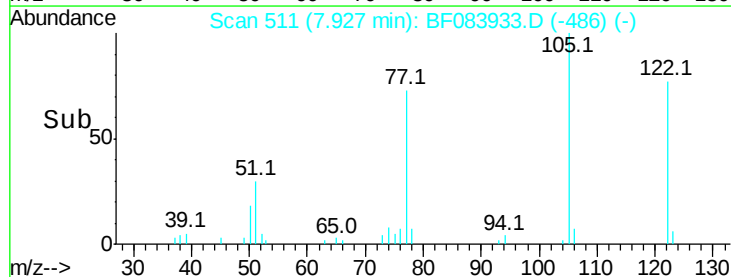
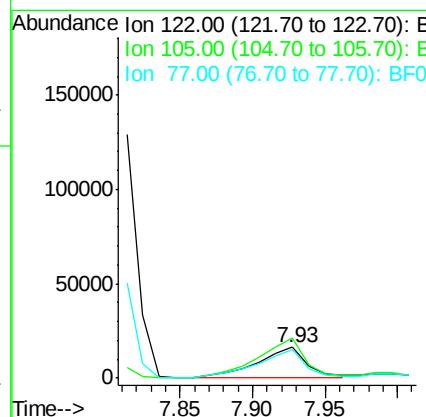
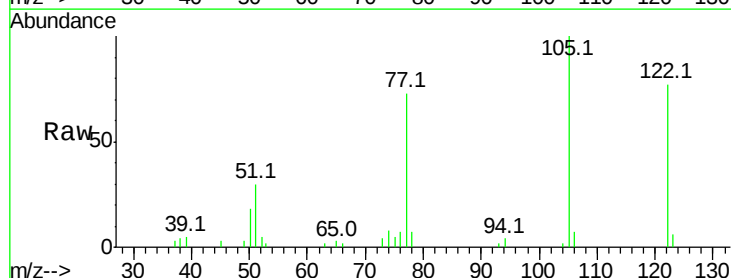
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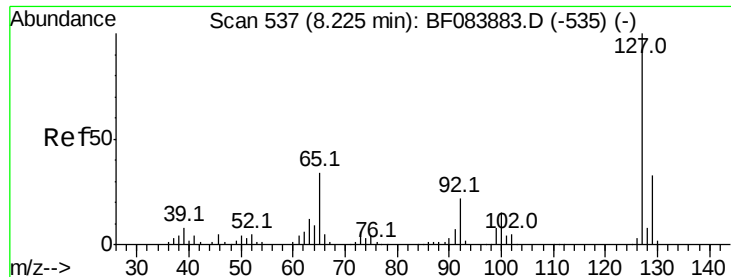
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#32
Benzoic acid
Concen: 33.10 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	129.2	100.3	140.3
77	93.9	63.5	103.5





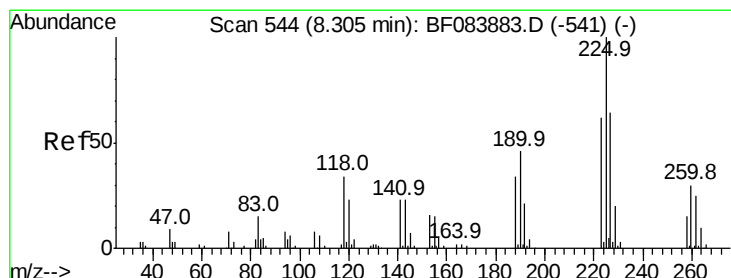
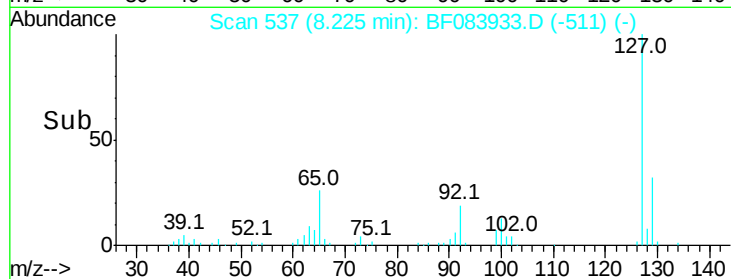
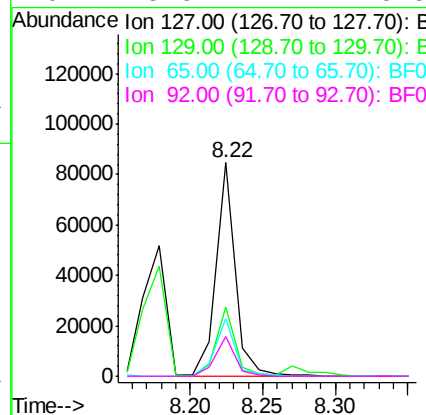
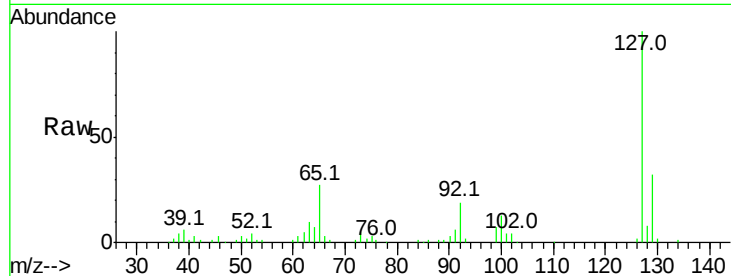
#33
4-Chloroaniline
Concen: 15.65 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	27.0	27.2	40.8
92	18.6	17.7	26.5

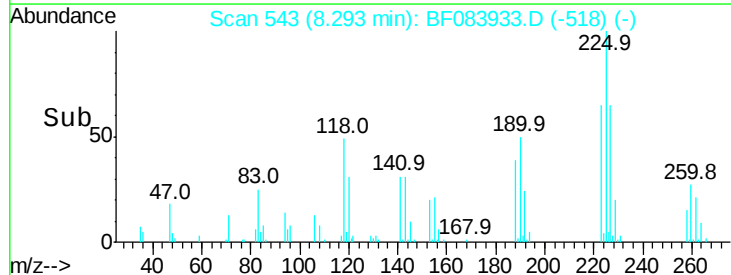
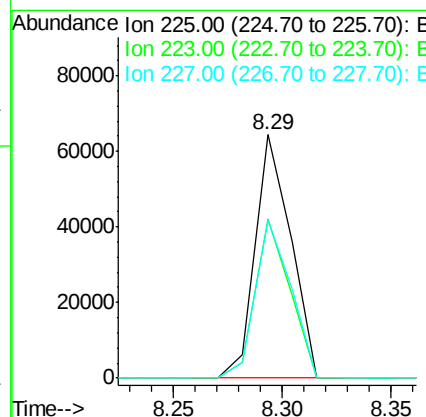
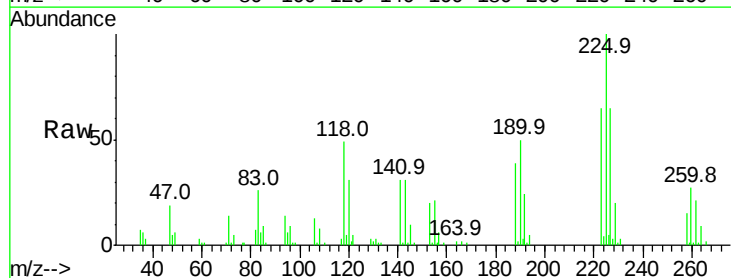
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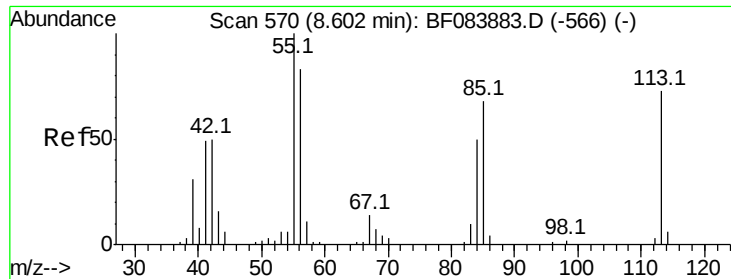
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#34
Hexachlorobutadiene
Concen: 33.78 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.4	74.0
227	65.1	50.8	76.2





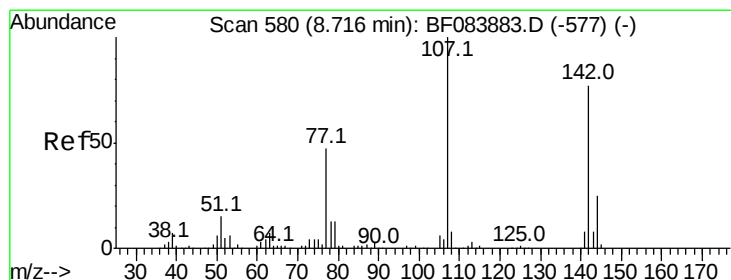
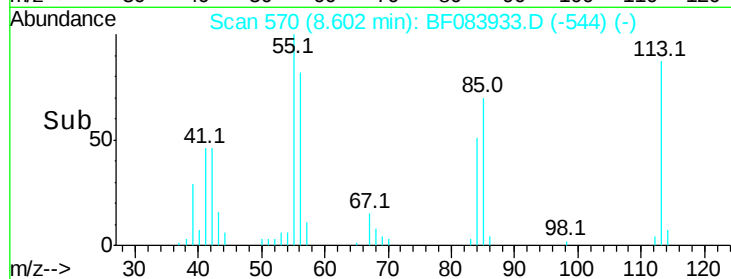
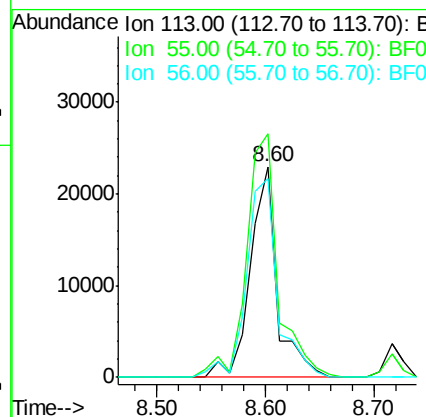
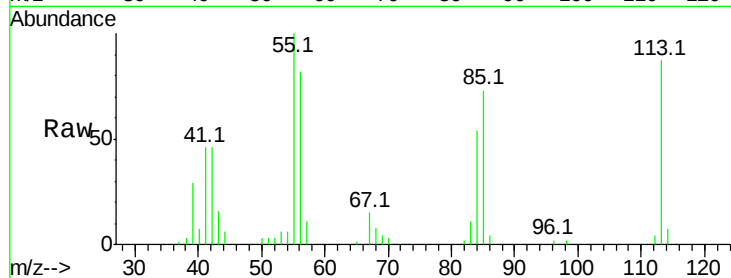
#35
 Caprolactam
 Concen: 36.57 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	115.5	116.9	156.9#
56	94.2	93.8	133.8

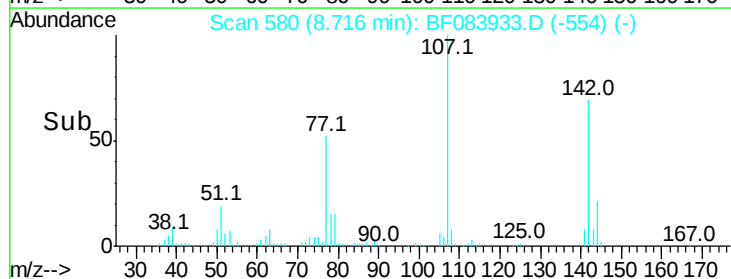
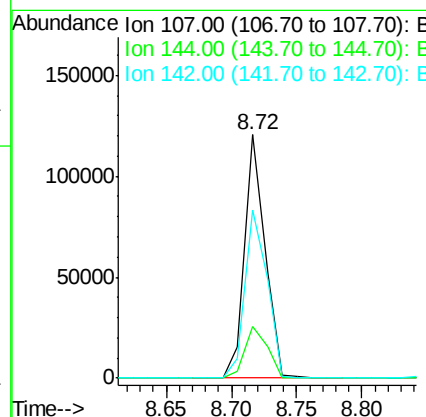
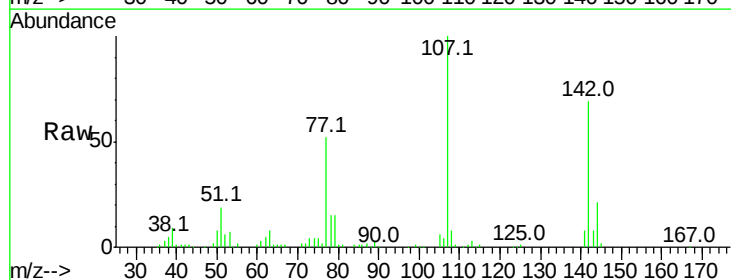
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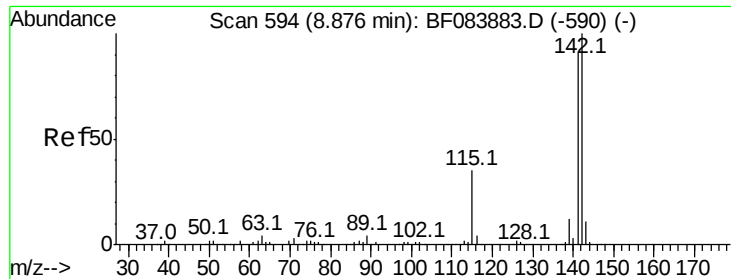
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#36
 4-Chloro-3-methylphenol
 Concen: 35.35 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.7	29.5
142	68.9	61.8	92.6





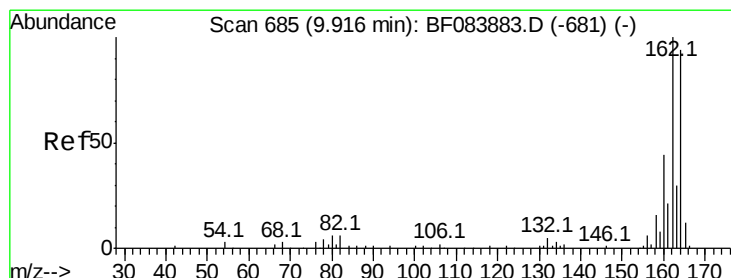
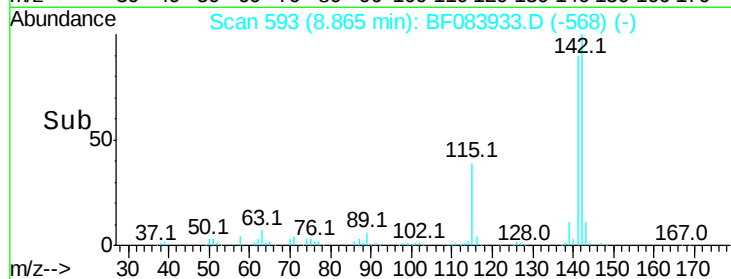
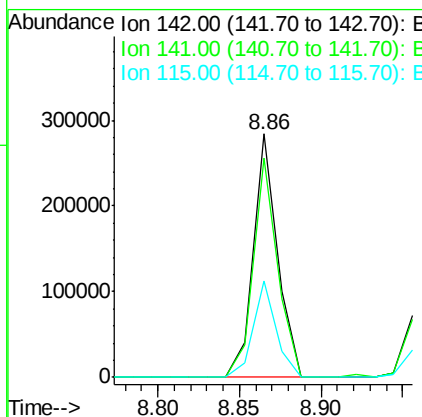
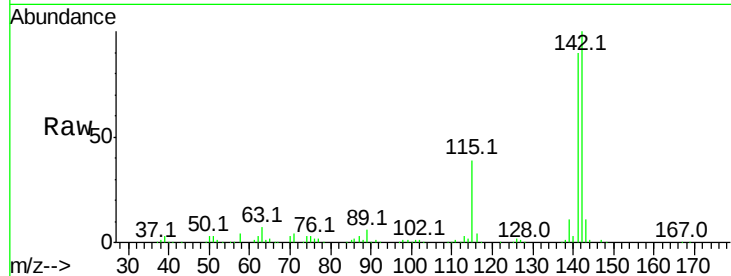
#37
2-Methylnaphthalene
Concen: 38.29 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	293597		
141	90.3	72.4	108.6	
115	39.4	27.9	41.9	

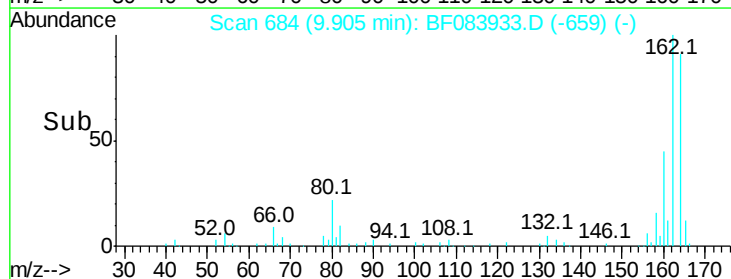
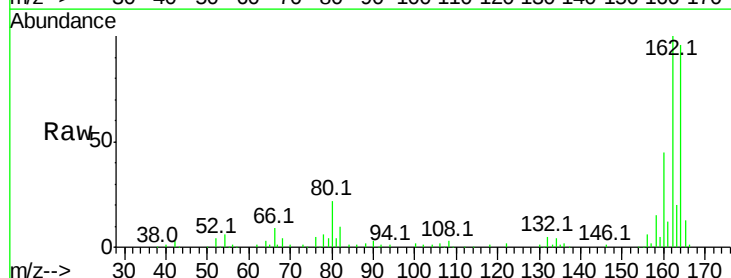
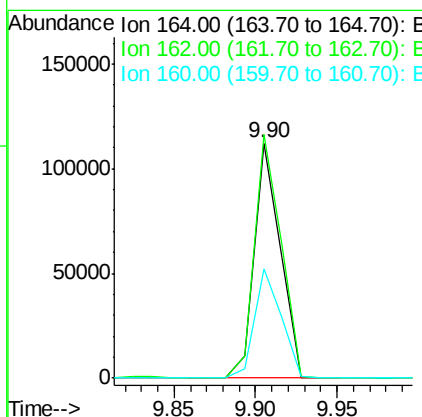
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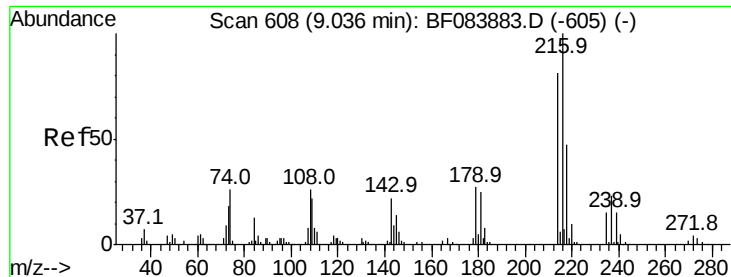
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124089		
162	103.7	85.1	127.7	
160	46.5	37.5	56.3	





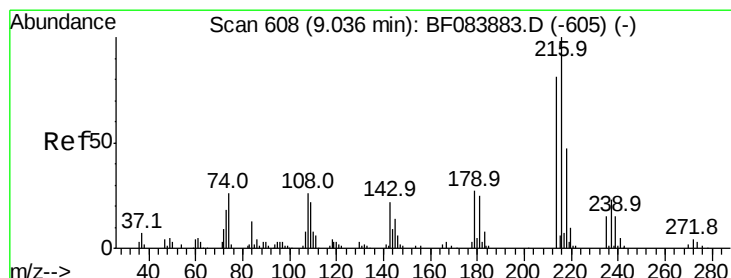
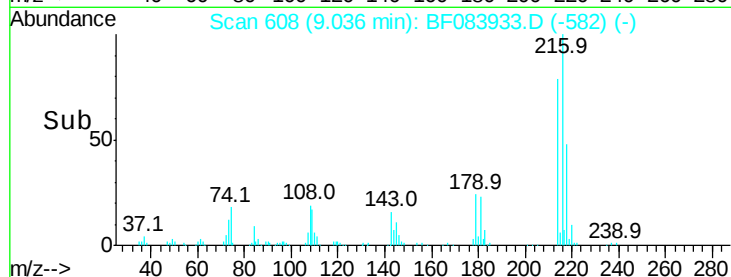
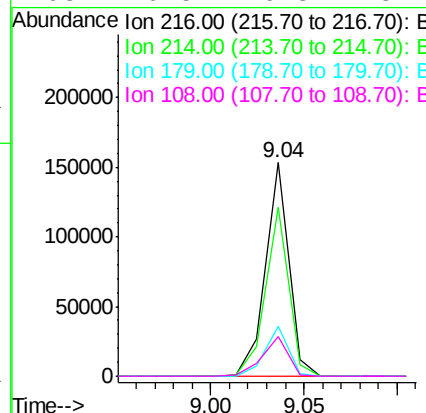
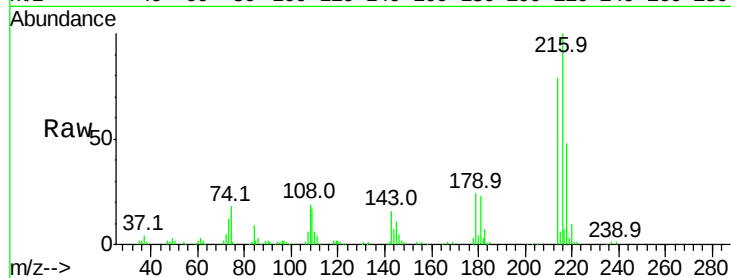
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.72 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

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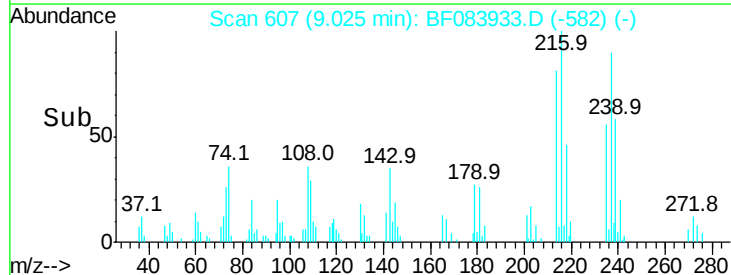
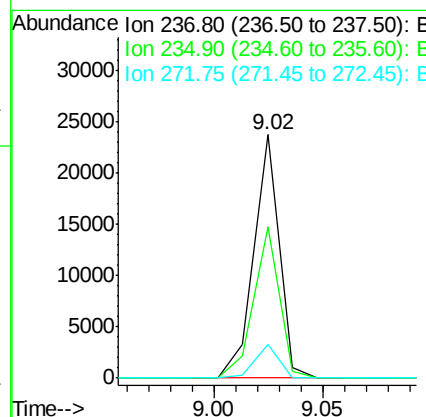
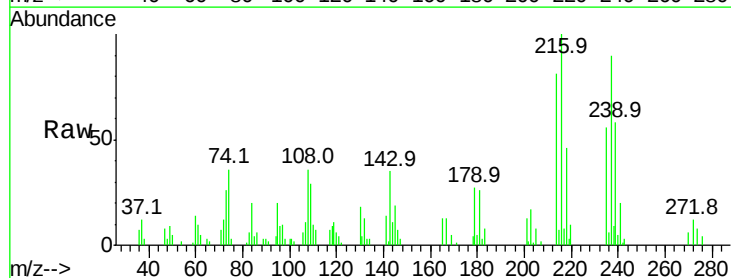
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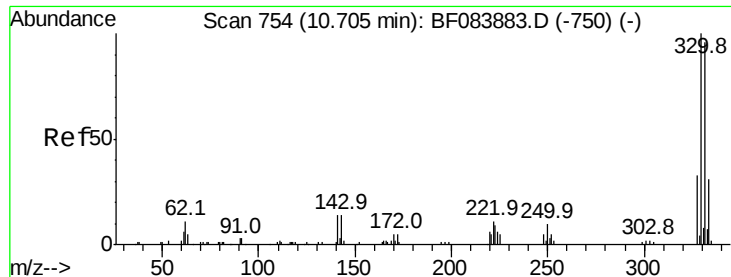
Tot Ion	Ratio	Resp	Lower	Upper
216	100	131911		
214	79.3	64.2	96.2	
179	23.6	18.7	28.1	
108	20.5	16.8	25.2	



#40
 Hexachlorocyclopentadiene
 Concen: 26.95 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19286		
235	62.3	43.1	83.1	
272	13.7	0.0	35.1	





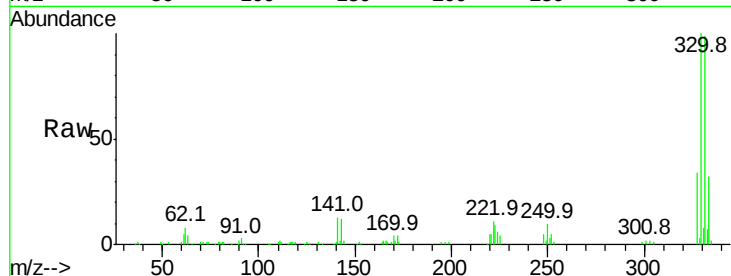
#41
 2,4,6-Tribromophenol
 Concen: 86.73 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

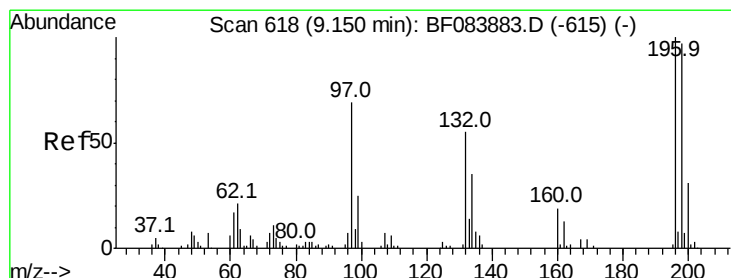
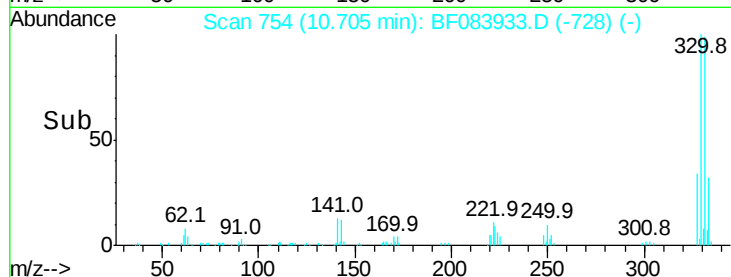
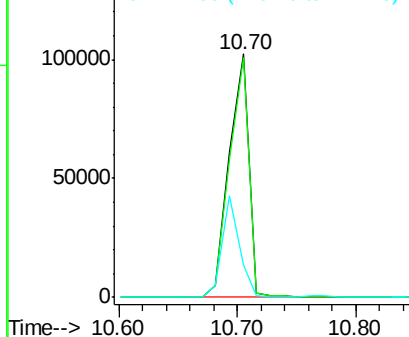
Tot Ion	Ratio	Resp	Lower	Upper
330	100	118560		
332	97.2	76.6	114.8	
141	36.2	27.8	41.6	

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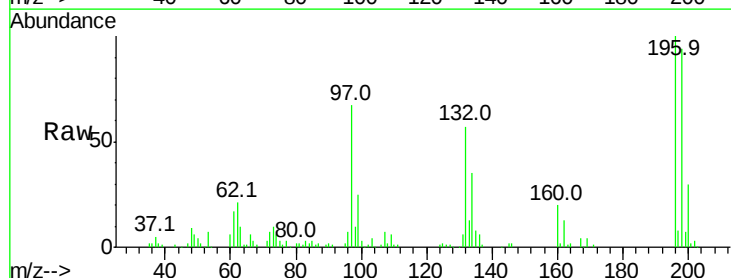


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

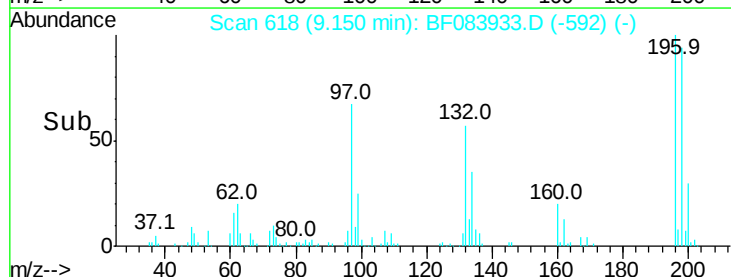
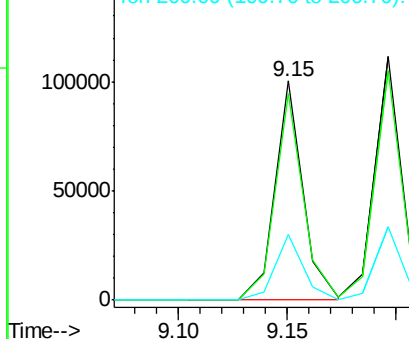


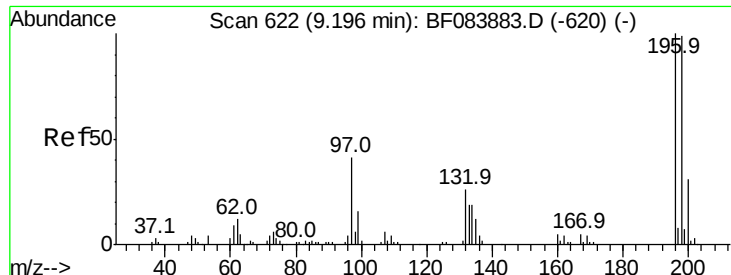
#42
 2,4,6-Trichlorophenol
 Concen: 35.06 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90559		
198	94.4	77.7	116.5	
200	30.3	24.6	37.0	



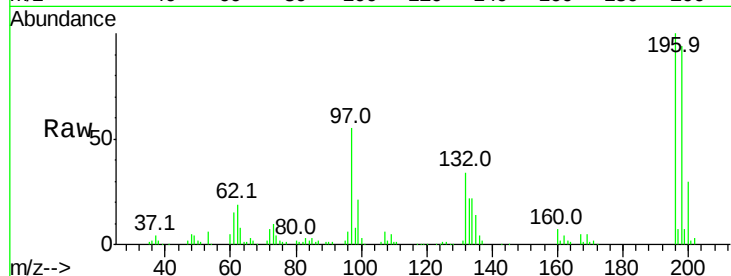
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

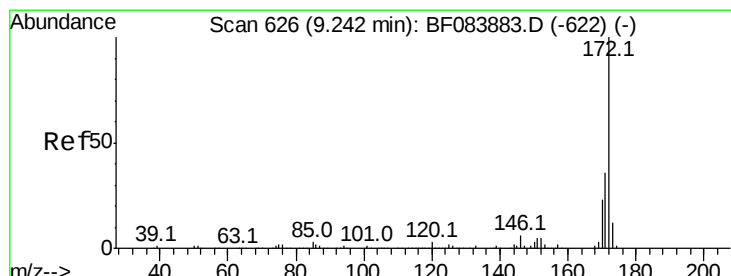
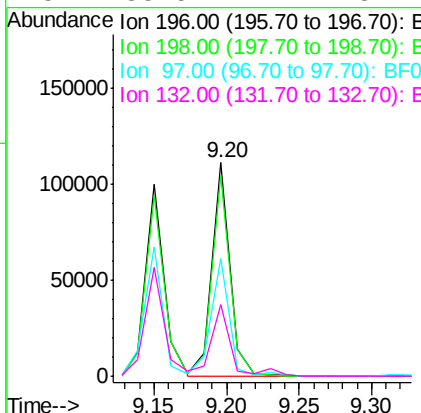
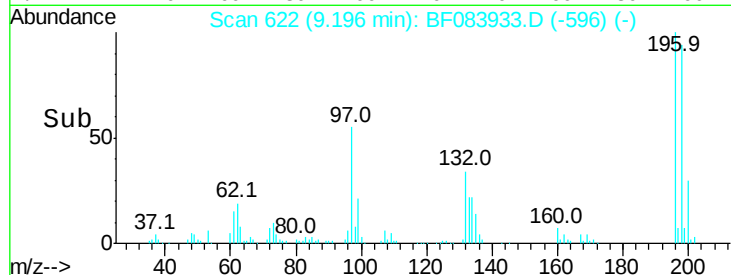
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS



Tot Ion	196	Resp	96001
Ion Ratio	Lower	Upper	
196	100		
198	94.2	79.0	118.6
97	55.4	33.0	49.6#
132	33.5	21.1	31.7#

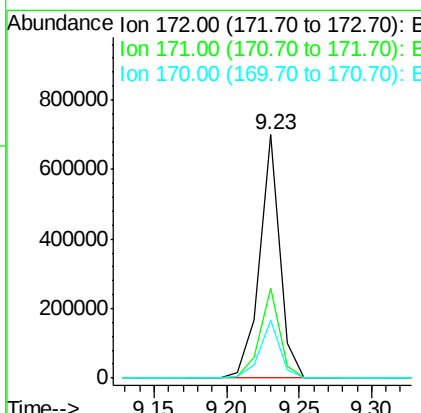
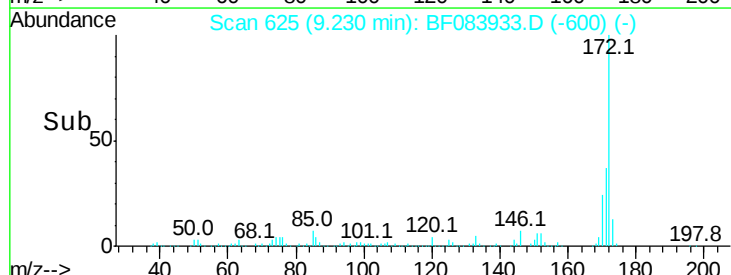
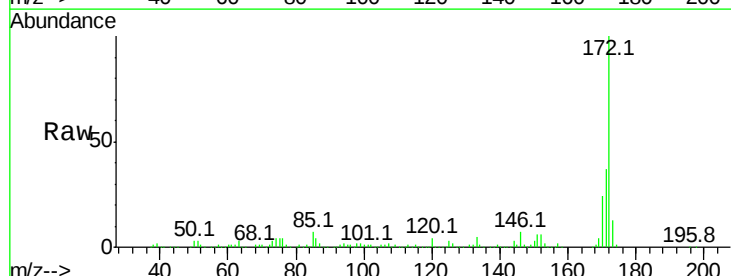
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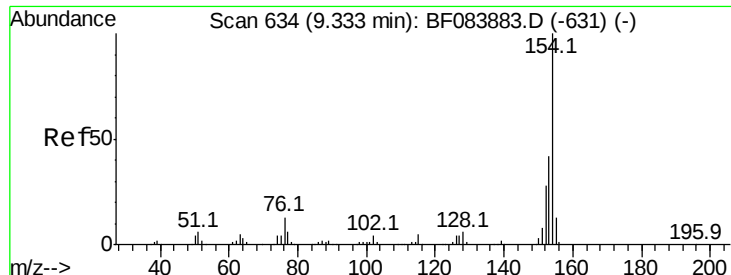
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#44
 2-Fluorobiphenyl
 Concen: 74.97 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	172	Resp	674962
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.9	43.3
170	24.0	18.6	27.8





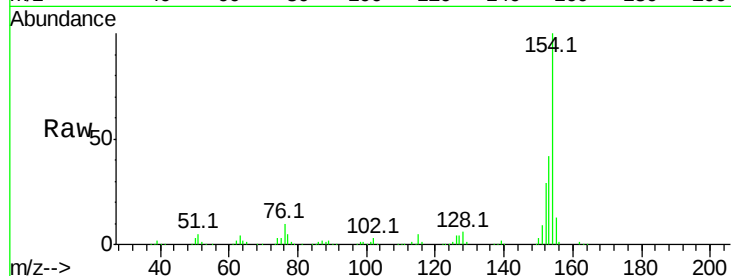
#45
 1,1'-Biphenyl
 Concen: 41.40 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

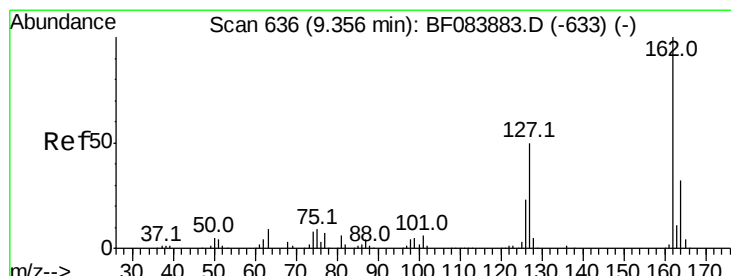
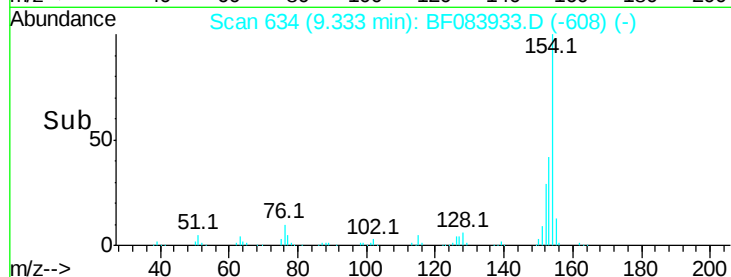
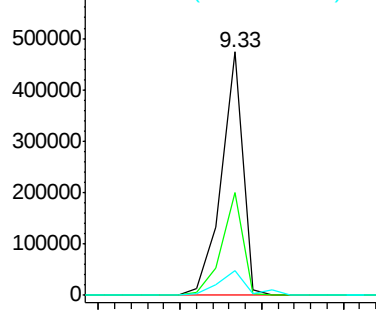
Tot Ion:	154	Resp:	432544
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.6	61.6
76	10.2	0.0	32.7

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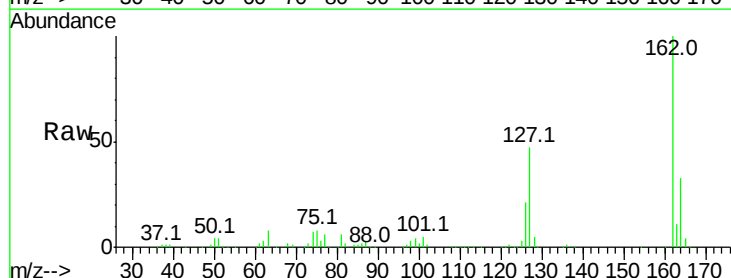


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

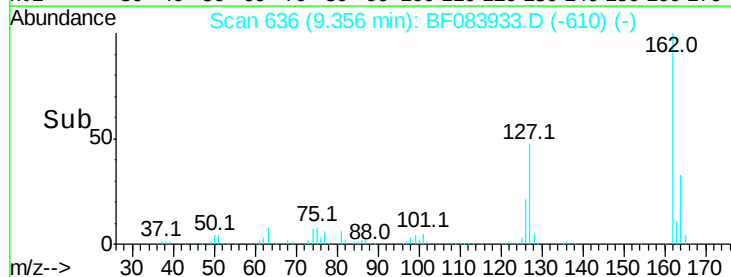
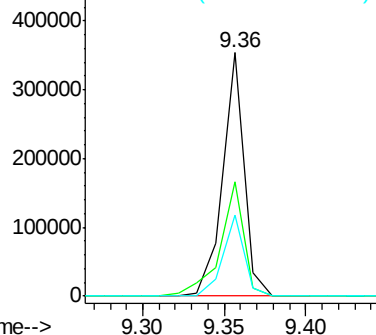


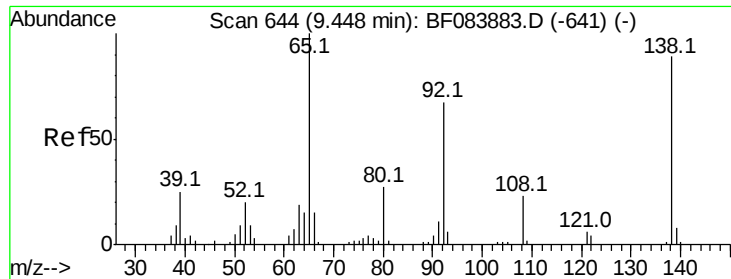
#46
 2-Chloronaphthalene
 Concen: 39.38 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:	162	Resp:	322837
Ion Ratio	Lower	Upper	
162	100		
127	47.1	40.2	60.4
164	33.4	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





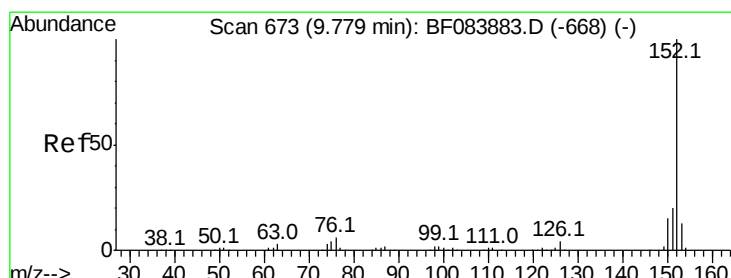
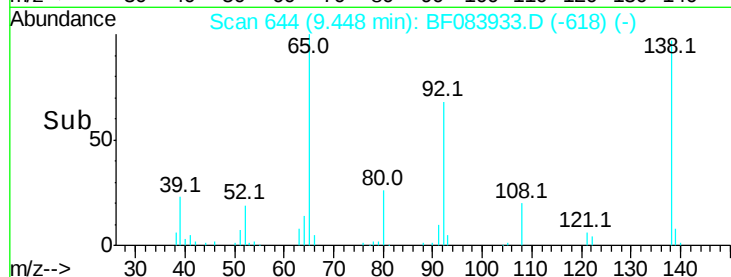
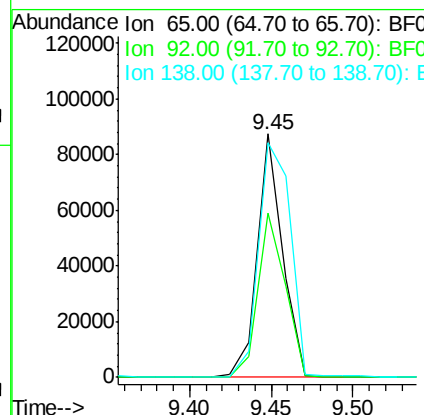
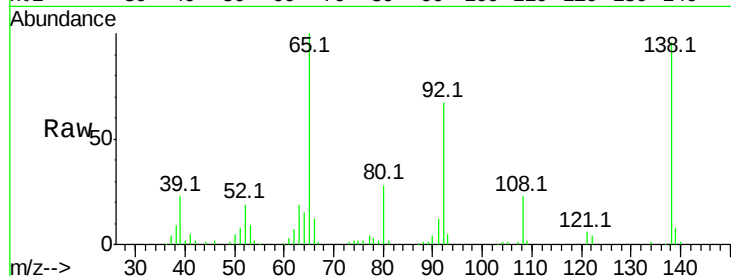
#47
2-Nitroaniline
Concen: 38.46 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.4	80.2
138	96.1	71.1	106.7

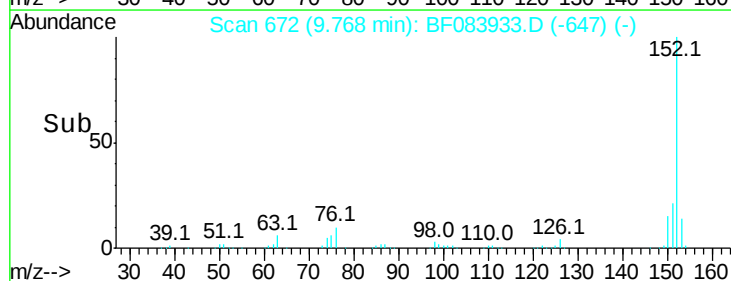
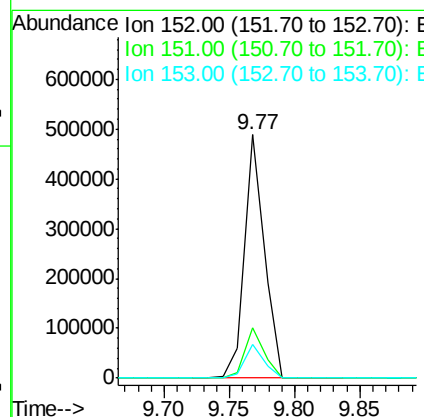
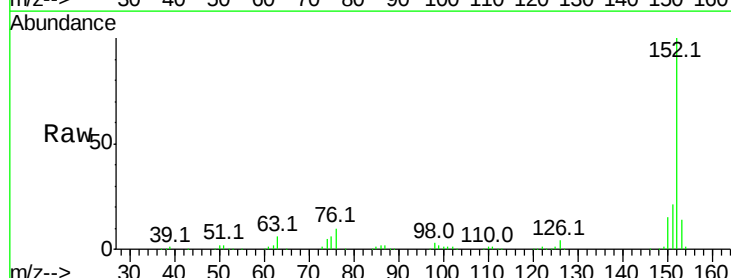
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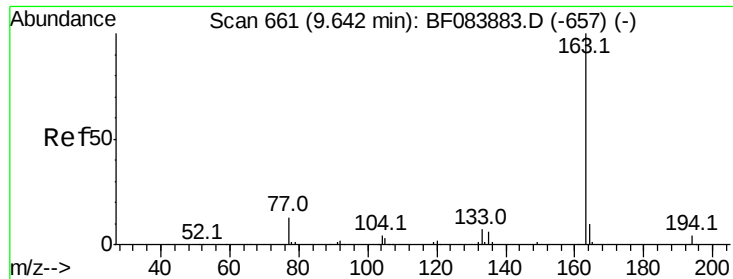
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#48
Acenaphthylene
Concen: 35.35 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.7	10.4	15.6





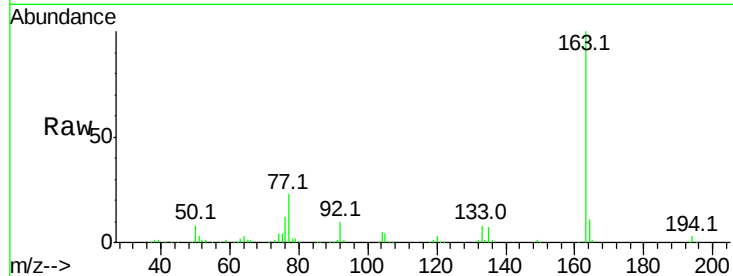
#49
Dimethylphthalate
Concen: 36.98 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

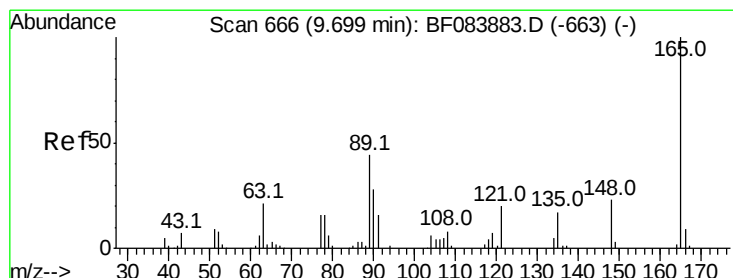
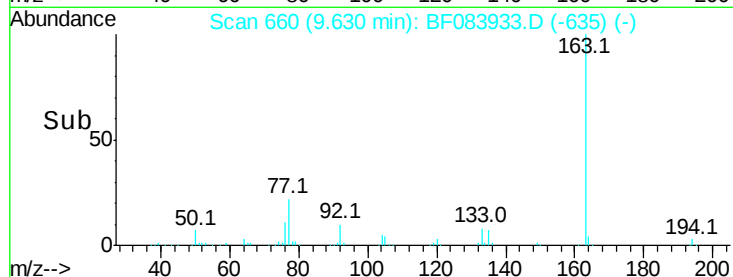
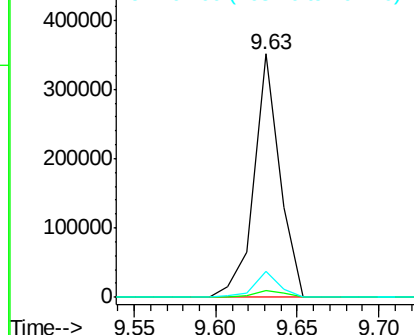
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0

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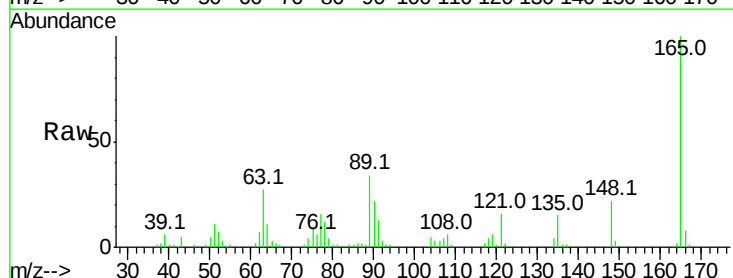


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

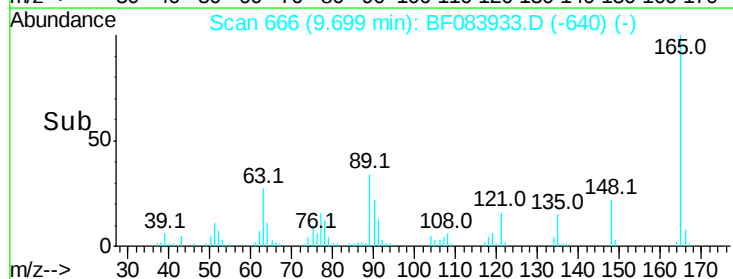
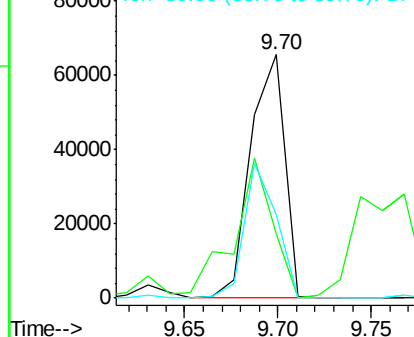


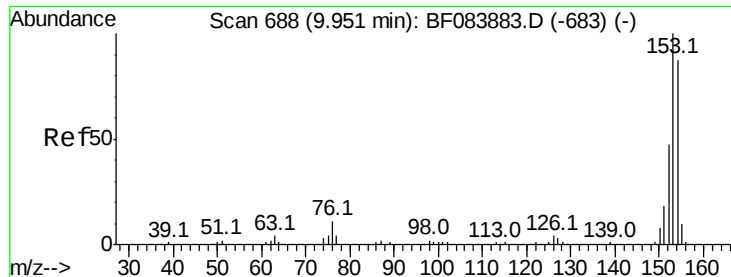
#50
2,6-Dinitrotoluene
Concen: 36.40 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	26.7	28.8	43.2#
89	34.3	35.1	52.7#



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





#51

Acenaphthene

Concen: 35.07 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

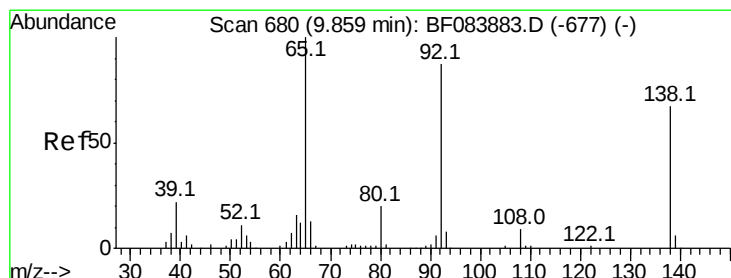
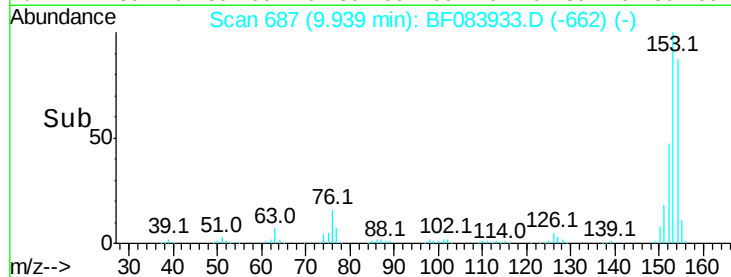
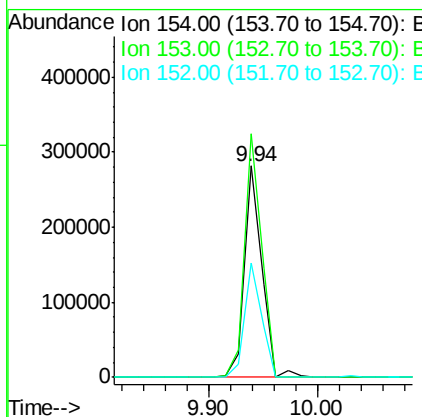
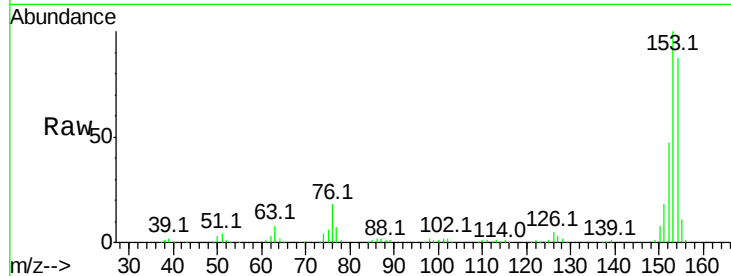
ClientSampleId :

PB87185BS

Tot Ion:	154	Resp:	311970
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.5	137.3
152	54.1	43.0	64.6

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#52

3-Nitroaniline

Concen: 29.58 ng

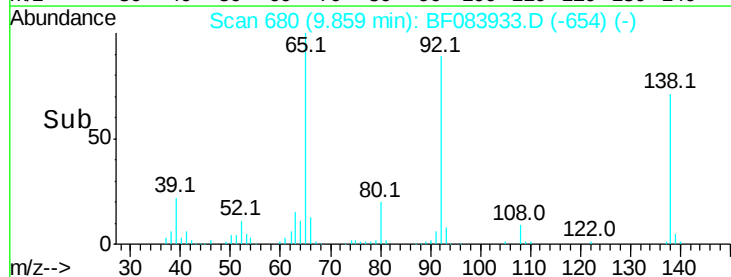
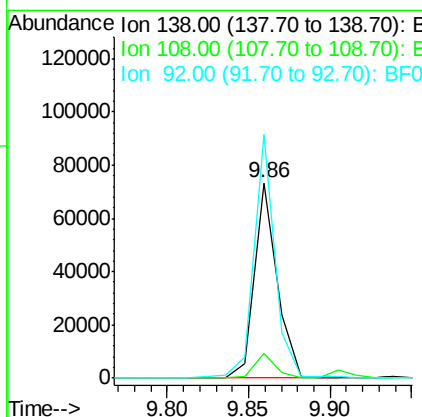
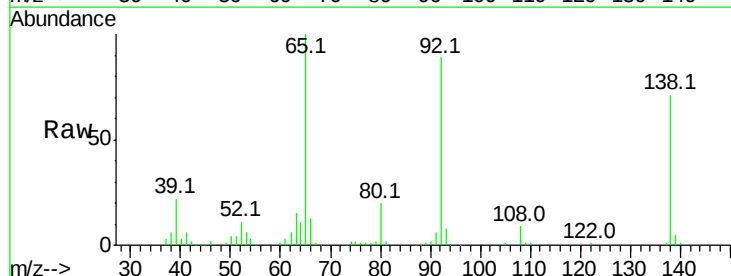
RT: 9.86 min Scan# 680

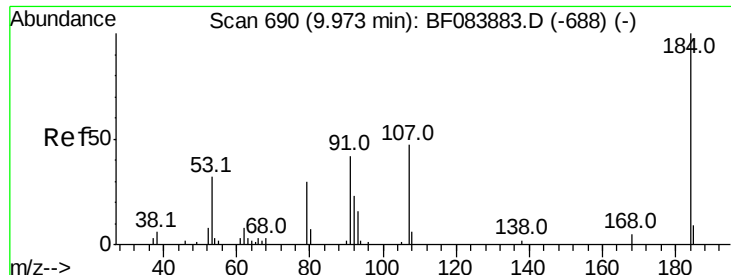
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	138	Resp:	70808
Ion Ratio	Lower	Upper	
138	100		
108	12.6	10.5	15.7
92	124.8	103.9	155.9





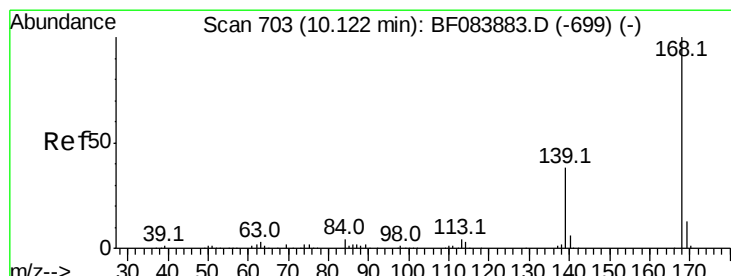
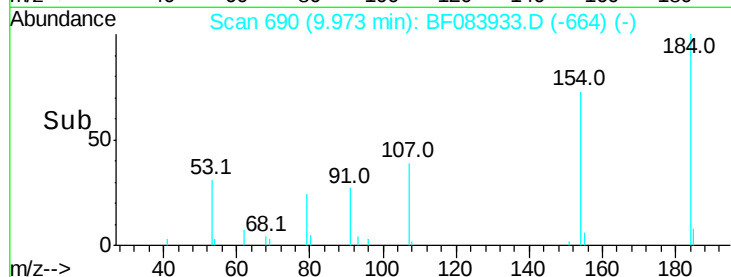
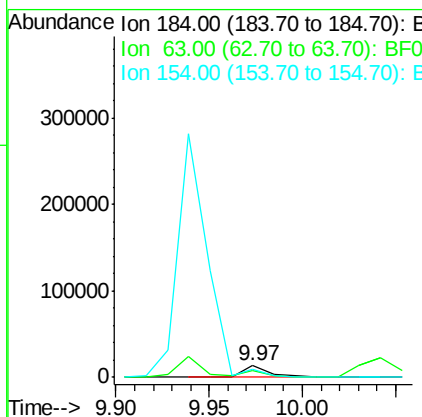
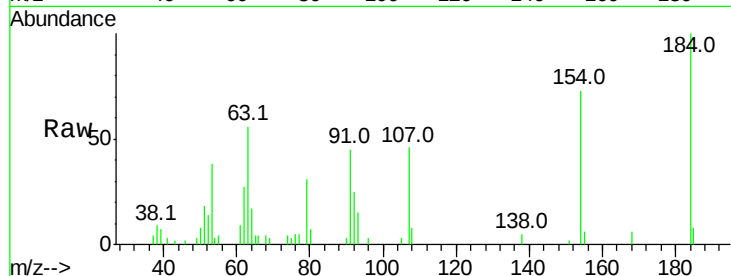
#53
 2,4-Dinitrophenol
 Concen: 25.27 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.7	43.1	64.7	
154	73.5	60.5	90.7	

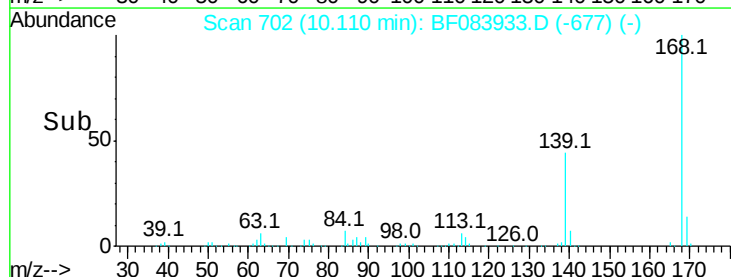
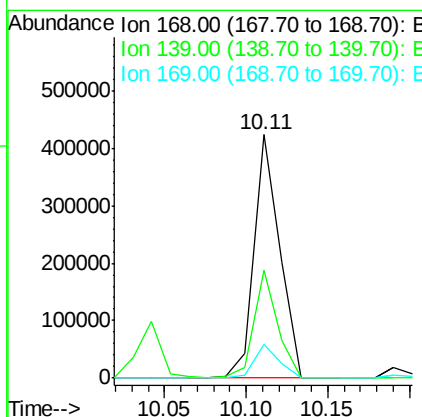
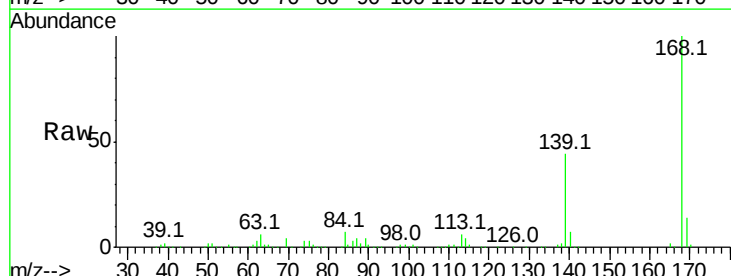
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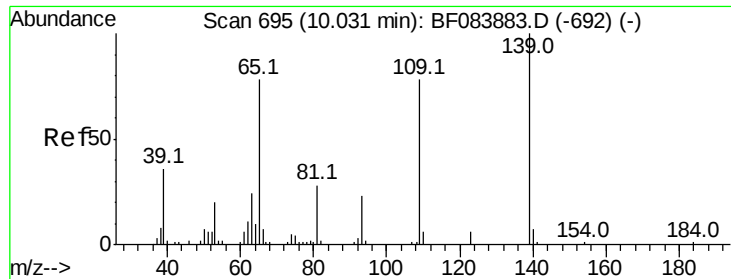
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#54
 Dibenzofuran
 Concen: 39.84 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.2	30.5	45.7	
169	13.7	10.4	15.6	





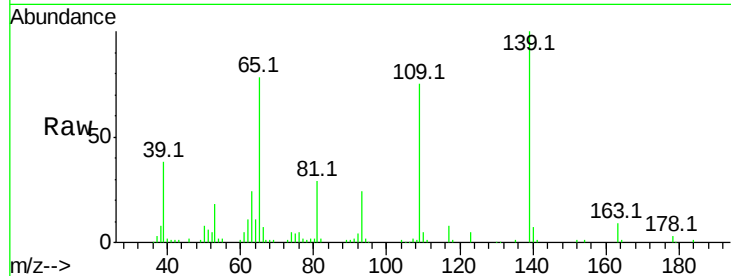
#55
4-Nitrophenol
Concen: 66.60 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.7	58.5	98.5
65	77.6	57.6	97.6

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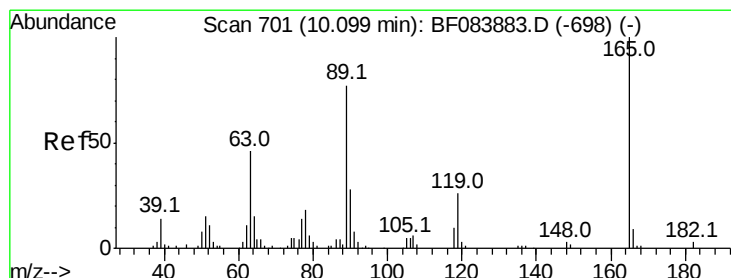
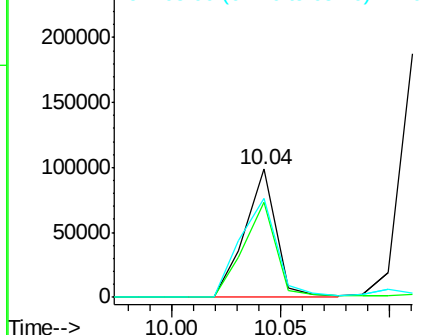
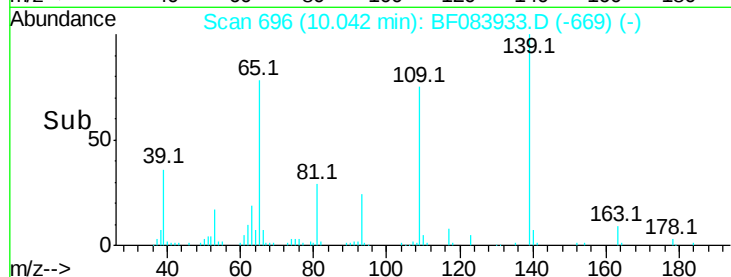


Abundance

Ion 139.00 (138.70 to 139.70): E

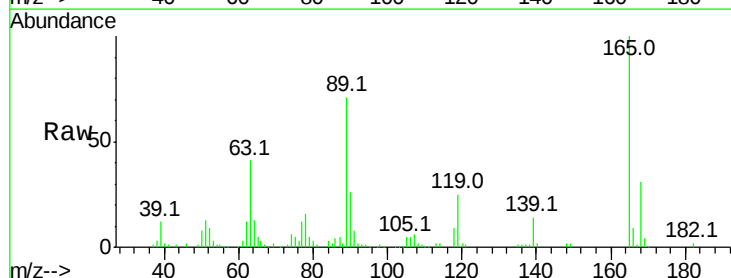
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.5	36.7	55.1
89	71.0	61.9	92.9
182	2.4	2.0	3.0



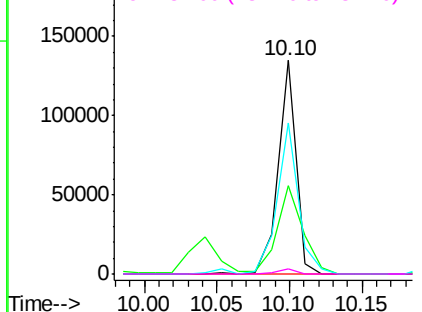
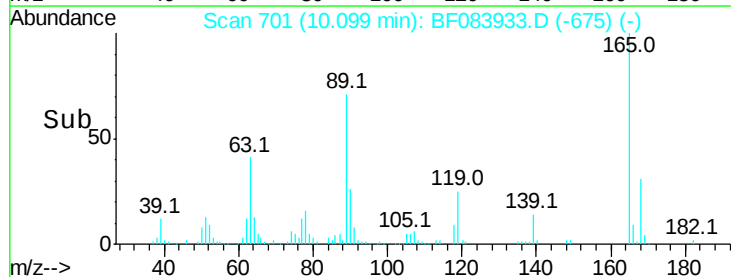
Abundance

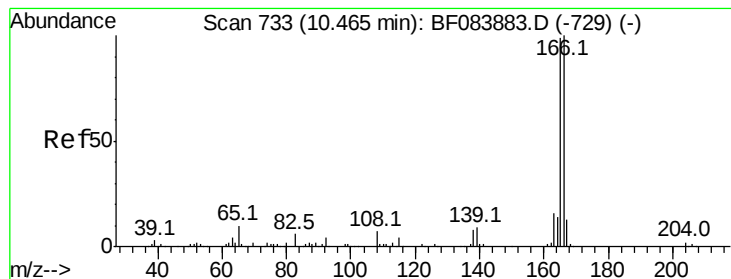
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.80 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

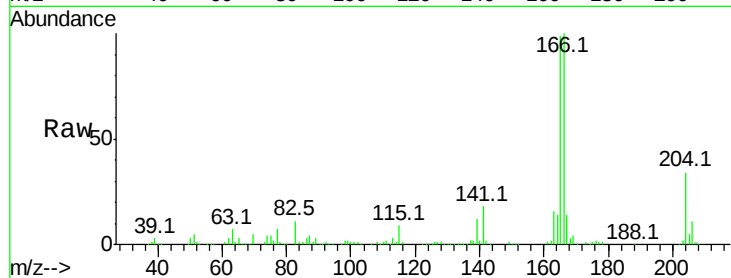
ClientSampleId :

PB87185BS

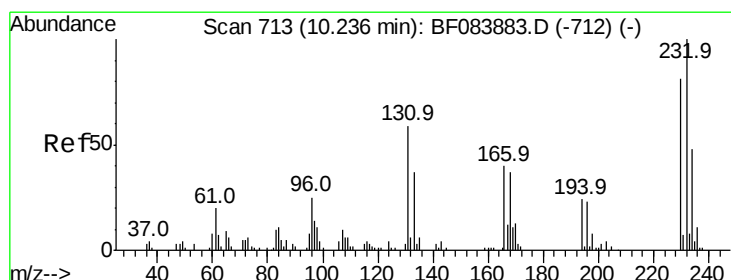
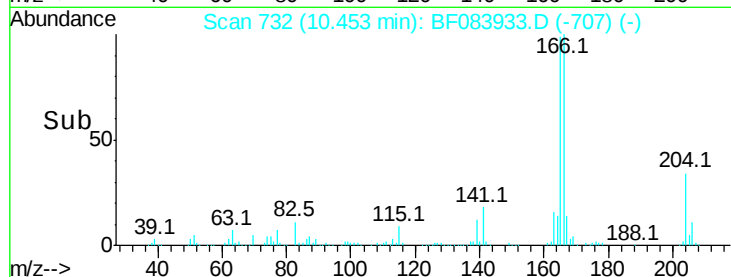
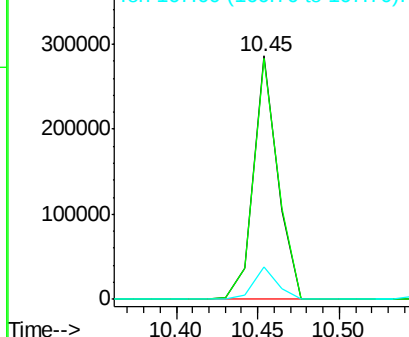
Tot Ion	Ratio	Resp	Lower	Upper
166	100	295298		
165	98.9	79.1	118.7	
167	13.6	10.4	15.6	

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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: 39.82 ng

RT: 10.24 min Scan# 713

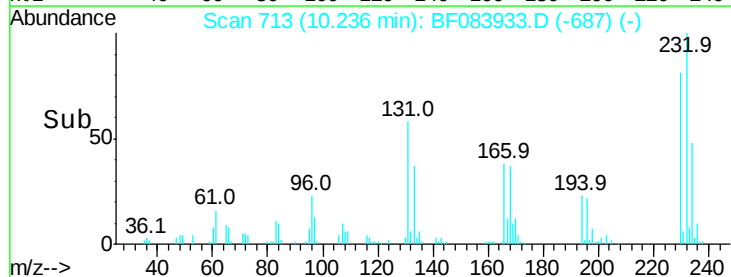
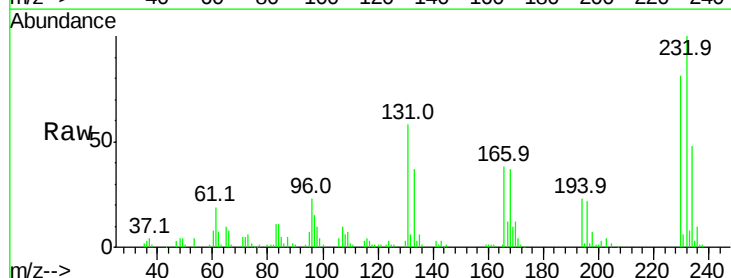
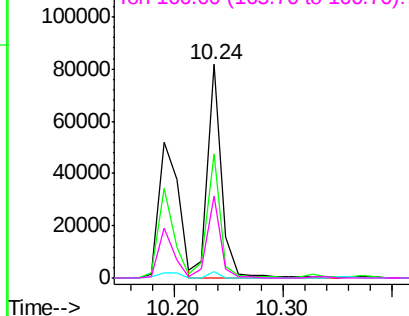
Delta R.T. -0.00 min

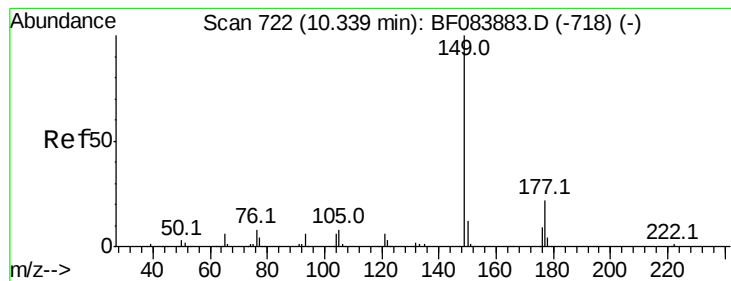
Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75324		
131	54.6	47.0	70.6	
130	2.4	2.0	3.0	
166	35.8	30.5	45.7	

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





#59

Diethylphthalate

Concen: 39.03 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

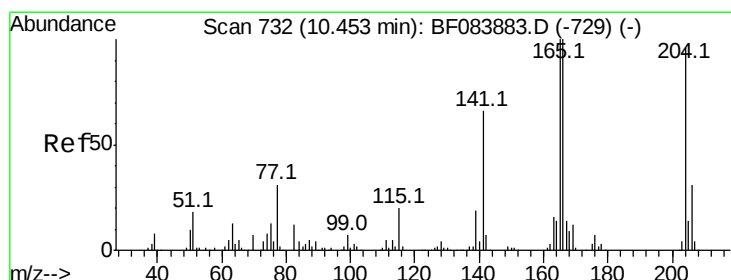
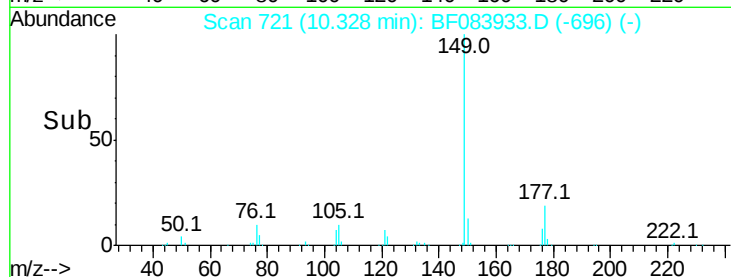
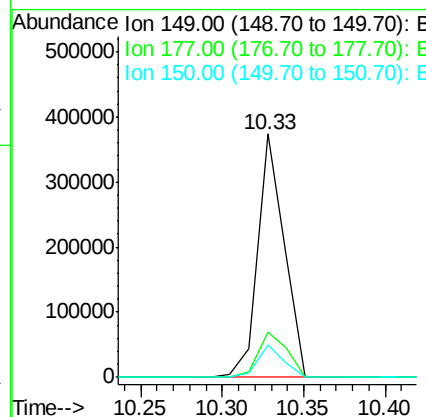
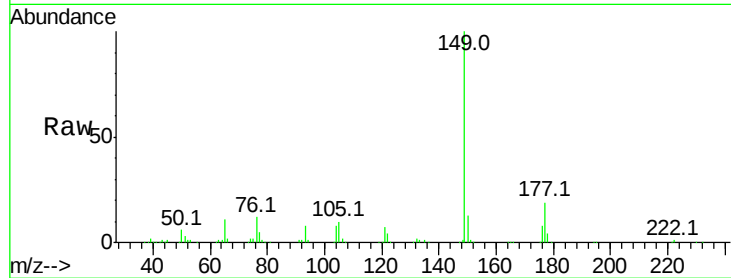
ClientSampleId :

PB87185BS

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Tot Ion:	149	Resp:	420174
Ion Ratio	Lower	Upper	
149	100		
177	18.6	17.3	25.9
150	13.1	9.8	14.8



#60

4-Chlorophenyl-phenylether

Concen: 35.02 ng

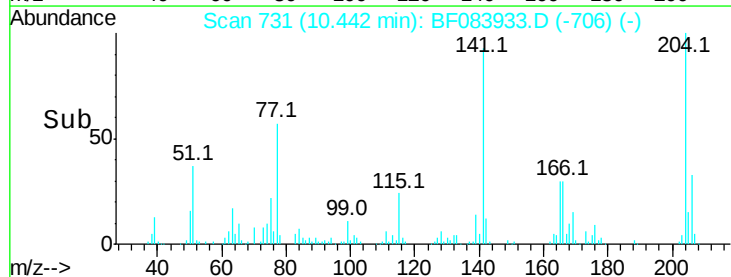
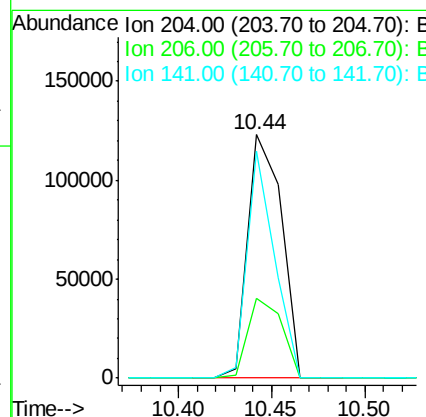
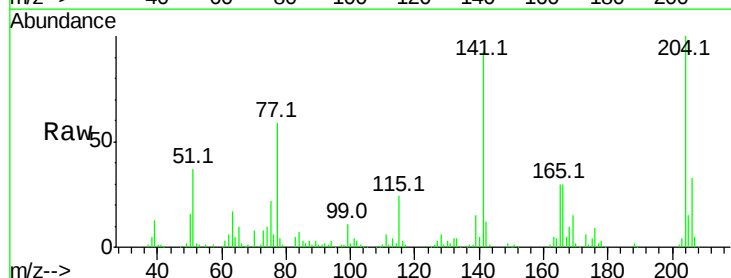
RT: 10.44 min Scan# 731

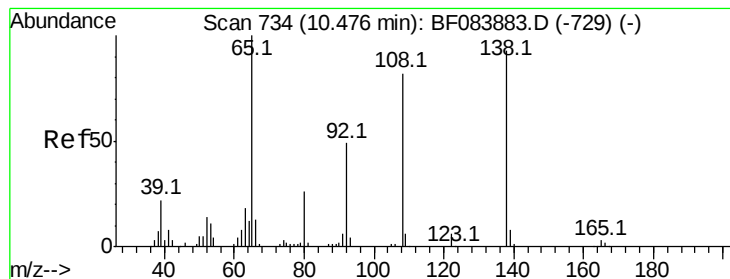
Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	204	Resp:	155038
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.7	38.5
141	93.1	55.1	82.7#





#61

4-Nitroaniline

Concen: 32.72 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tot Ion:138 Resp: 81044

Ion Ratio Lower Upper

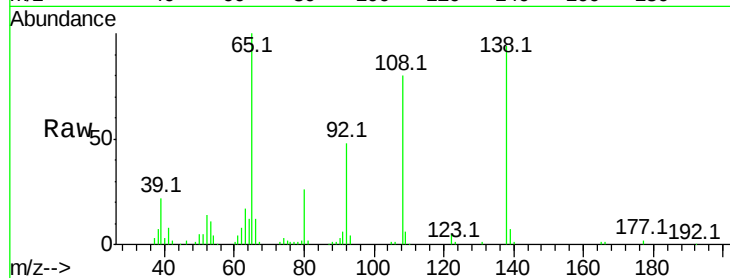
138 100

92 51.3 32.6 72.6

108 85.1 68.6 108.6

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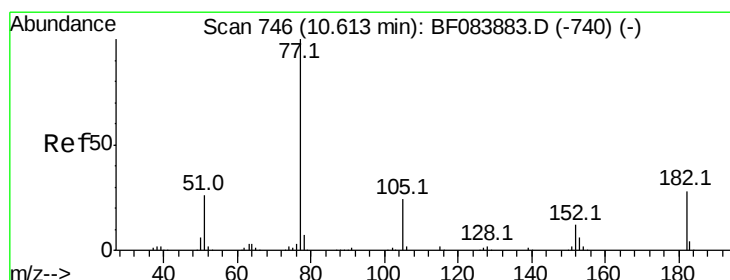
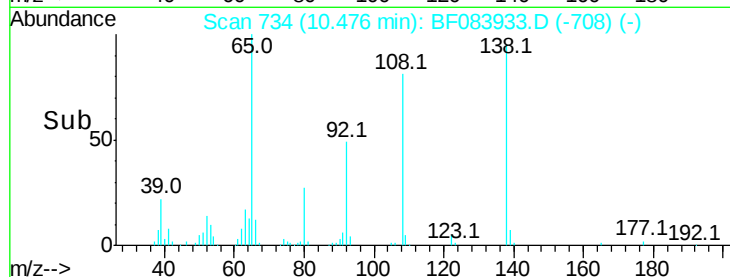
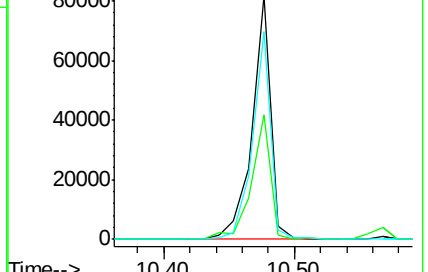
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.70 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion: 77 Resp: 376227

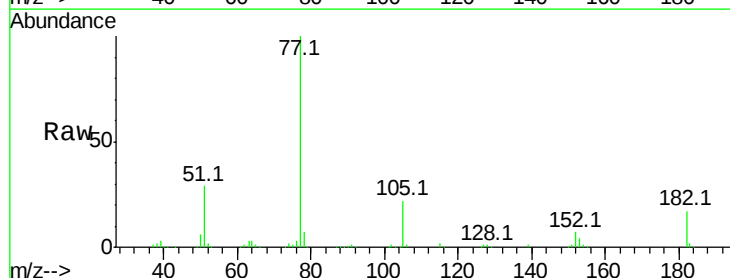
Ion Ratio Lower Upper

77 100

182 16.5 8.3 48.3

105 21.5 4.6 44.6

51 28.7 6.2 46.2

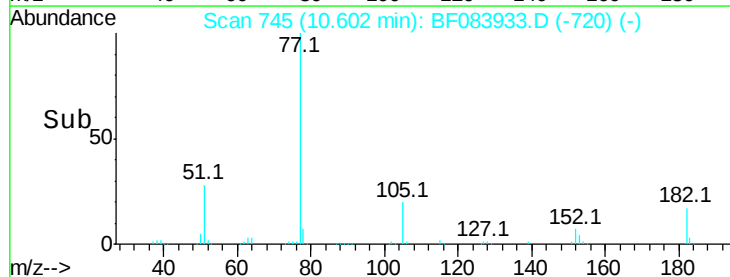
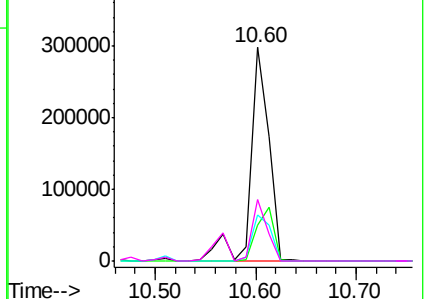


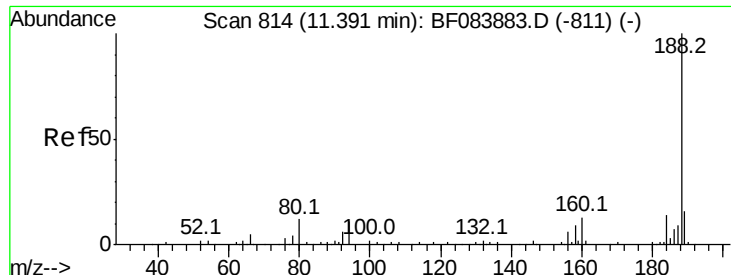
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





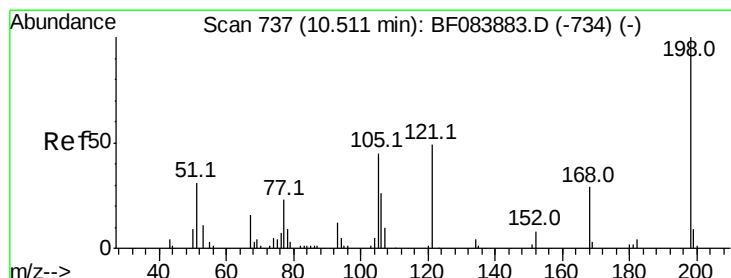
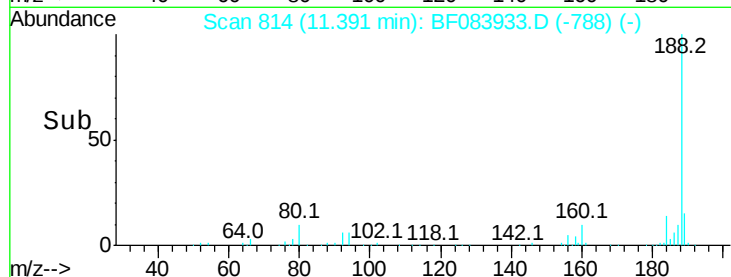
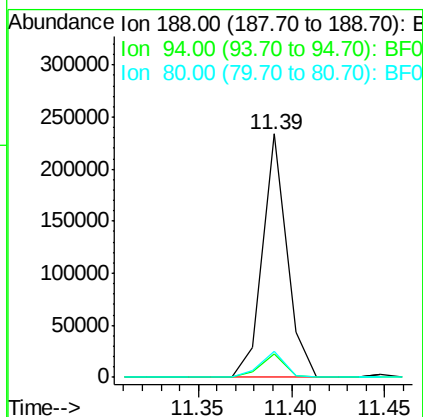
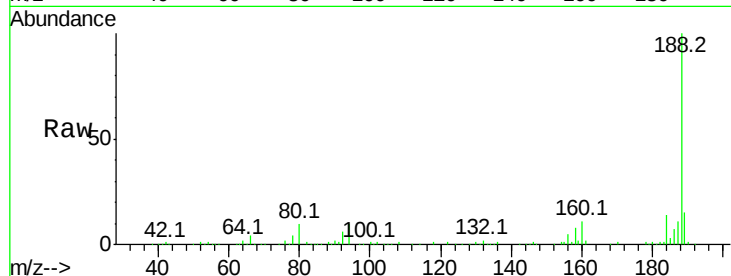
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

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

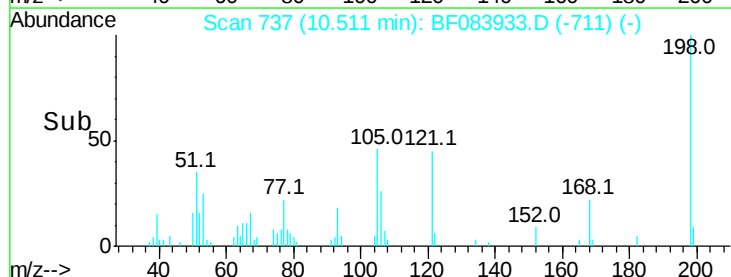
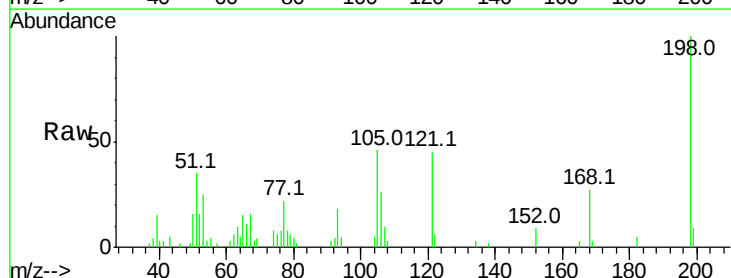
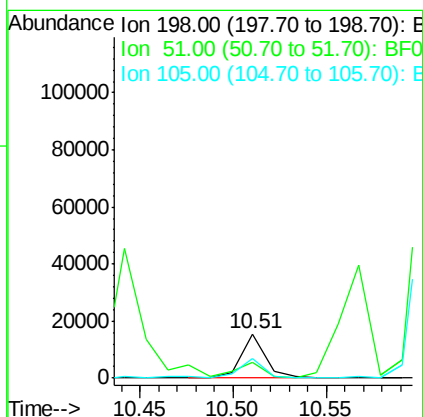
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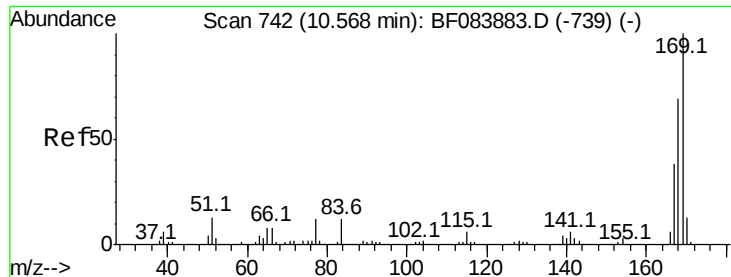
apatel
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.74 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.0	18.9	58.9
105	45.8	26.4	66.4





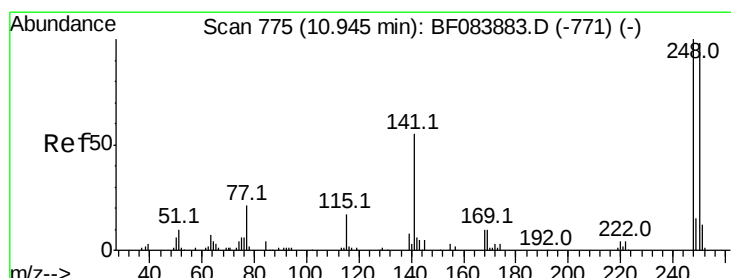
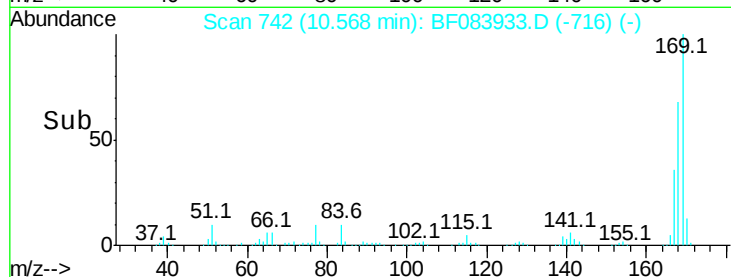
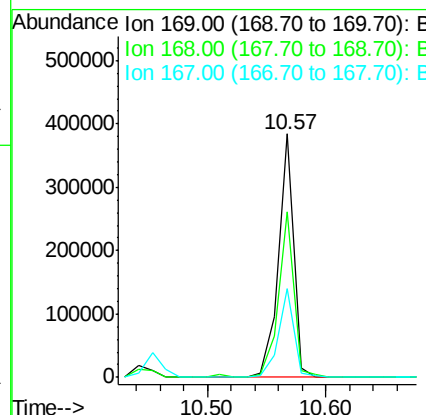
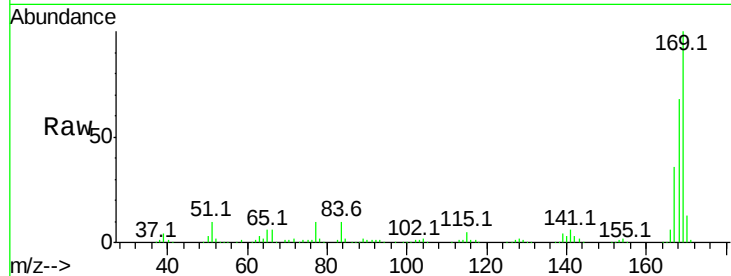
#65
 n-Nitrosodiphenylamine
 Concen: 44.95 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	344536		
168	67.9		55.1	82.7
167	36.4		30.0	45.0

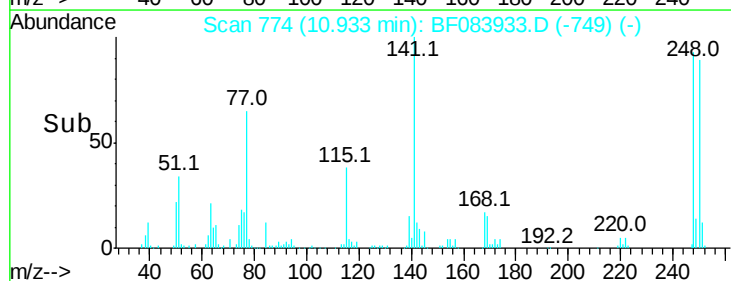
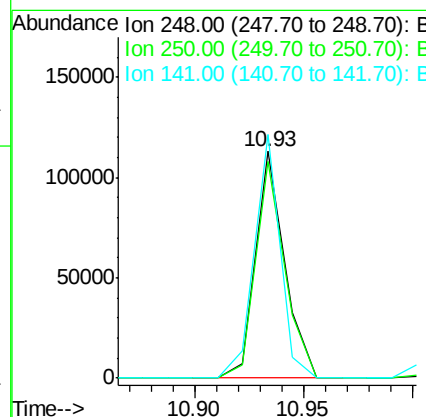
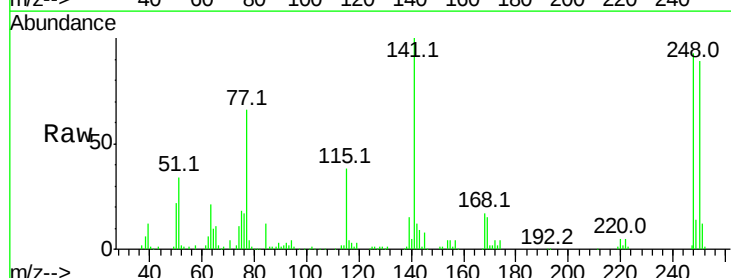
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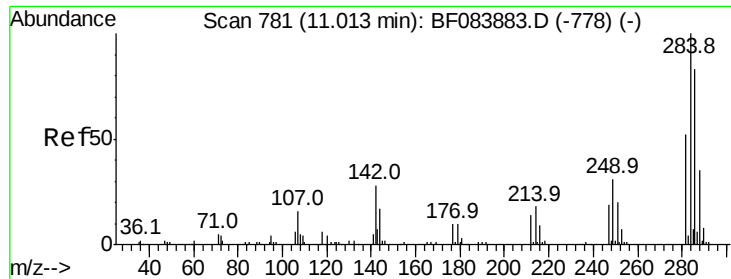
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#66
 4-Bromophenyl-phenylether
 Concen: 40.83 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	105133		
250	95.8		78.4	117.6
141	107.4		44.0	66.0#





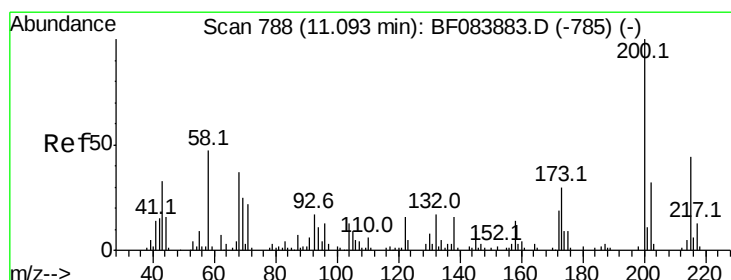
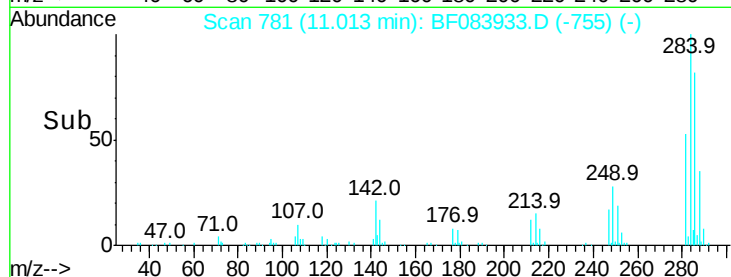
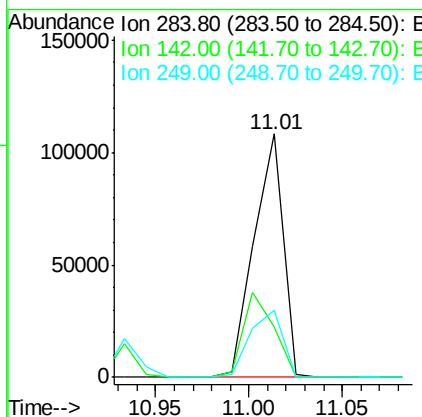
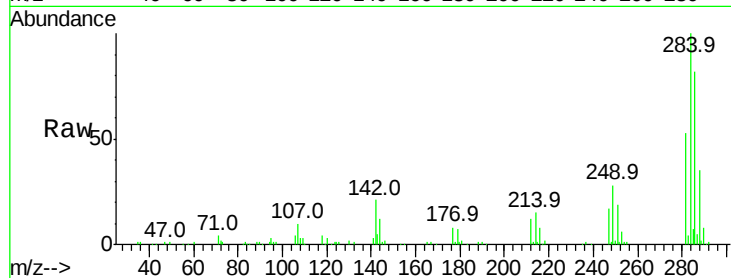
#67
Hexachlorobenzene
Concen: 43.07 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	116789		
142	20.6	22.2	33.4#	
249	27.8	24.6	37.0	

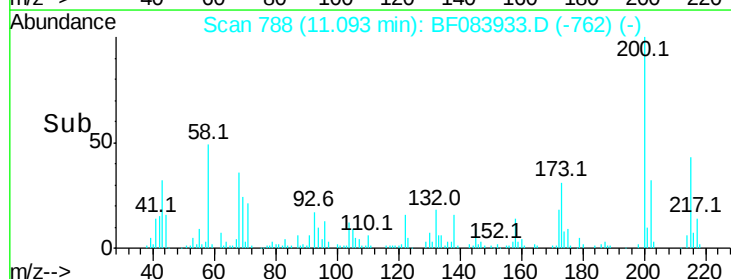
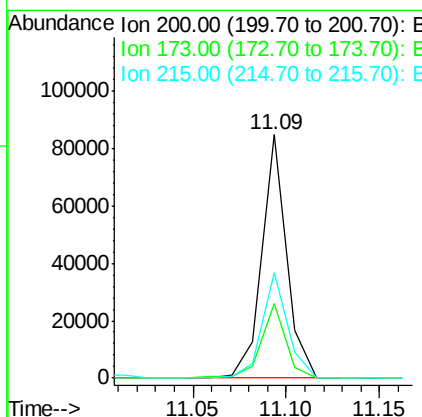
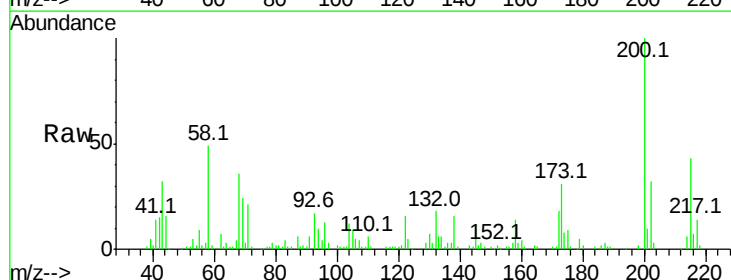
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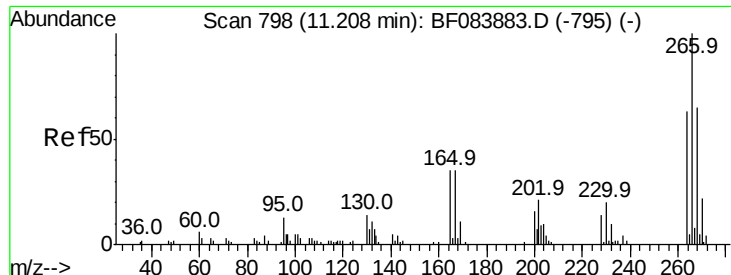
apatel
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#68
Atrazine
Concen: 32.44 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	78768		
173	30.8	9.5	49.5	
215	43.2	23.8	63.8	





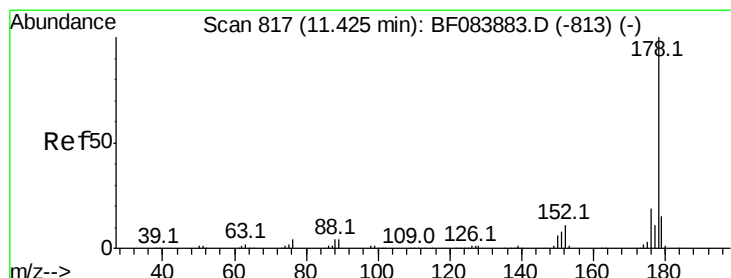
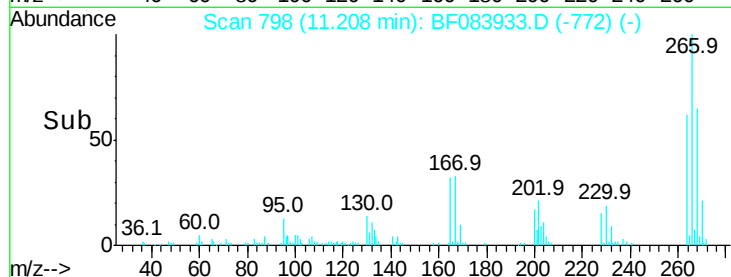
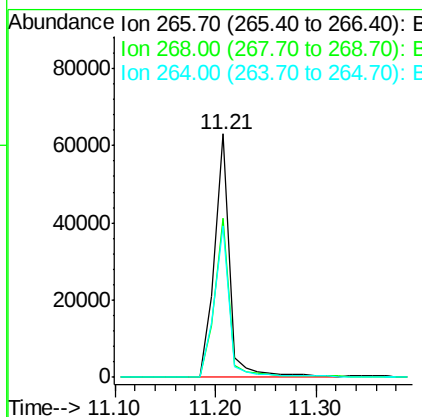
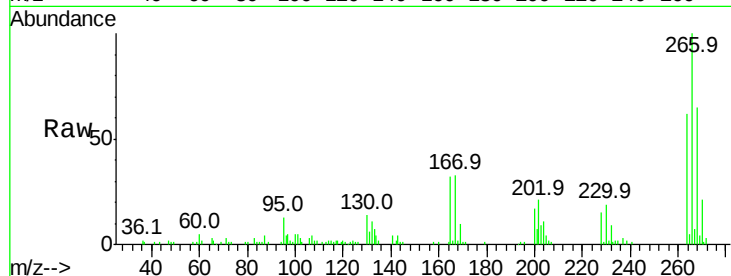
#69
 Pentachlorophenol
 Concen: 59.10 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	66491		
268	65.3		52.4	78.6
264	62.3		50.2	75.2

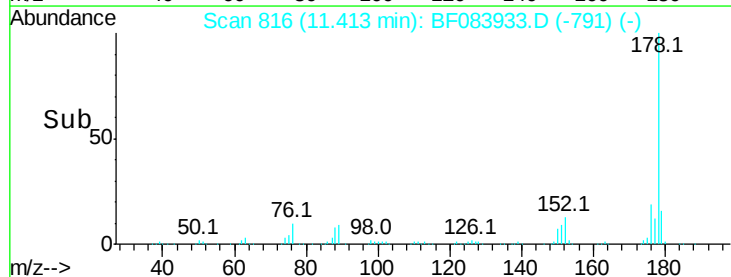
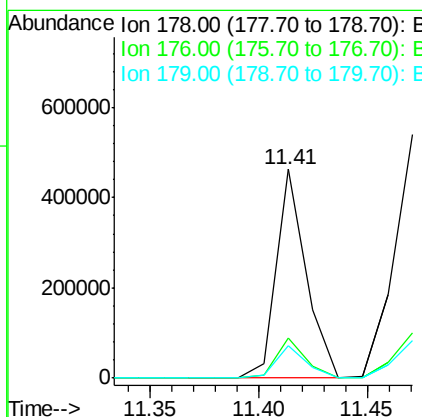
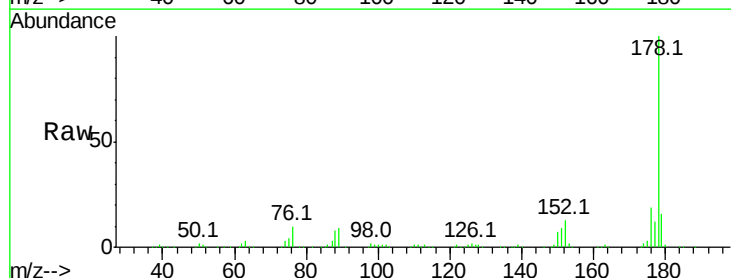
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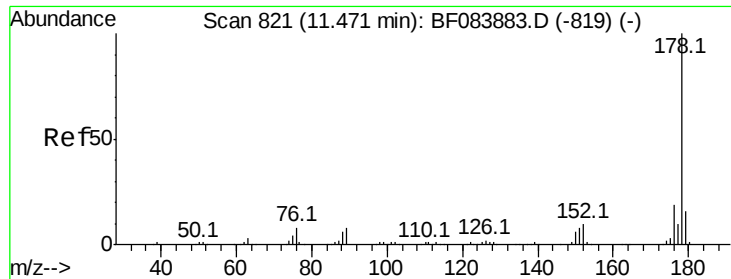
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#70
 Phenanthrene
 Concen: 34.96 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	444914		
176	19.4		15.3	22.9
179	15.8		12.0	18.0





#71

Anthracene

Concen: 41.84 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

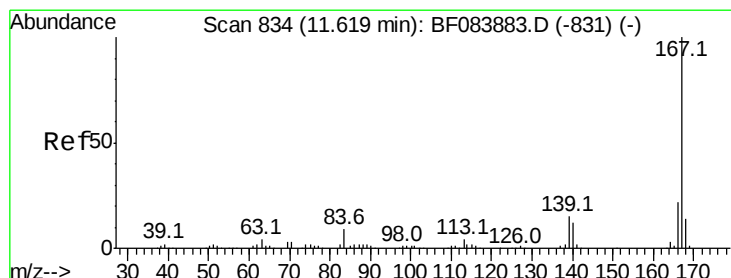
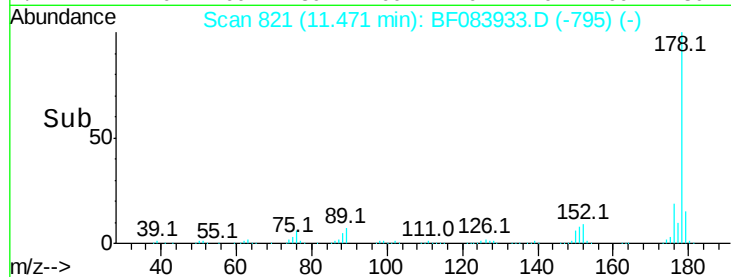
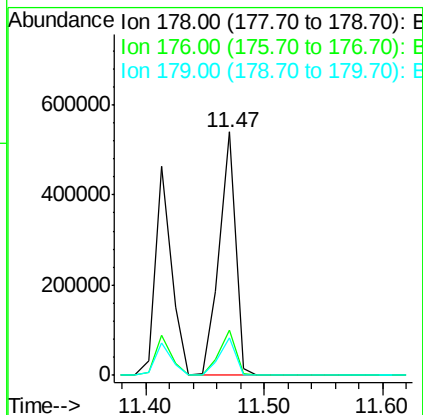
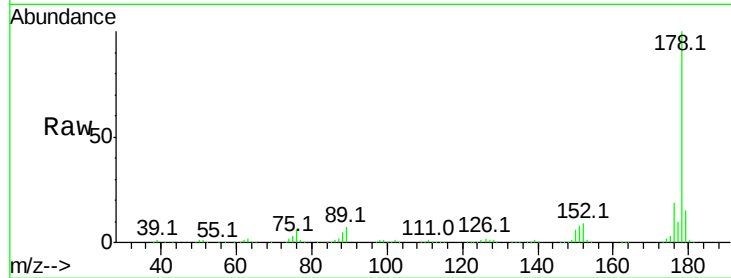
ClientSampleId :

PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	514755		
176	18.7		15.4	23.0
179	15.4		12.5	18.7

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#72

Carbazole

Concen: 28.65 ng

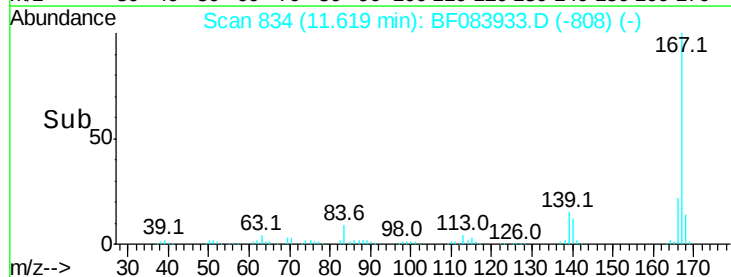
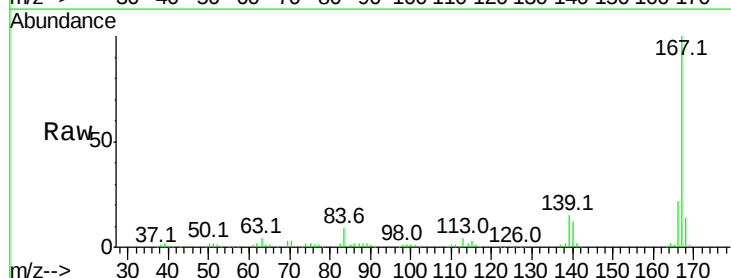
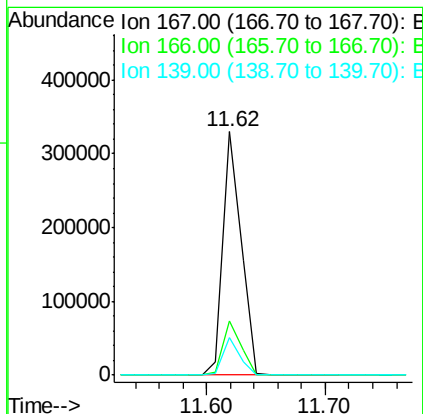
RT: 11.62 min Scan# 834

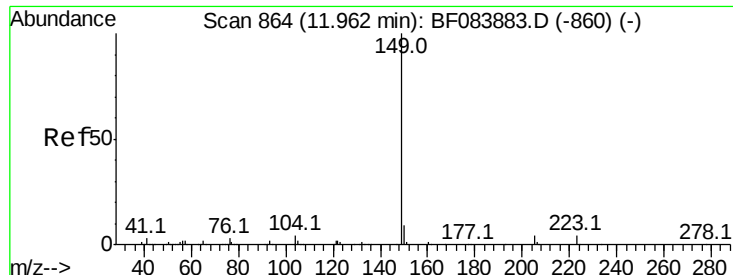
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	348227		
166	22.0		17.6	26.4
139	15.3		11.8	17.8





#73

Di-n-butylphthalate

Concen: 41.25 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

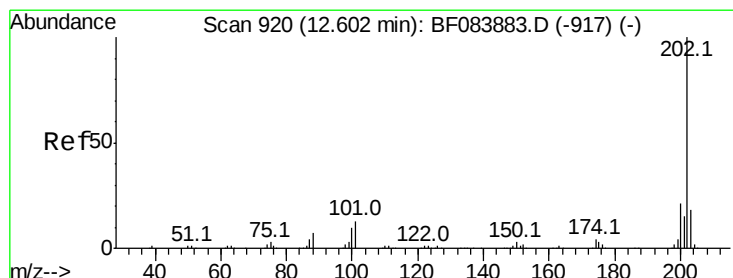
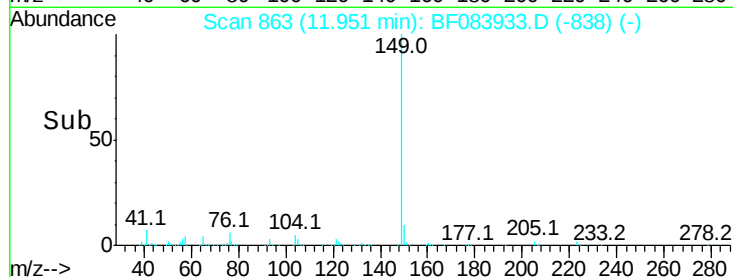
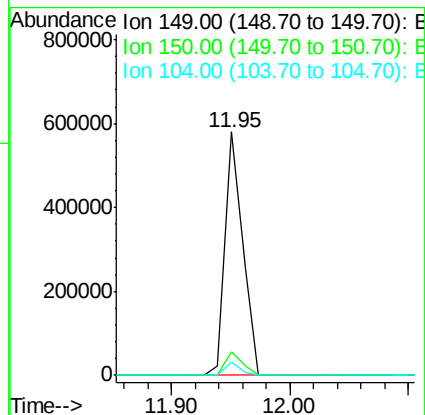
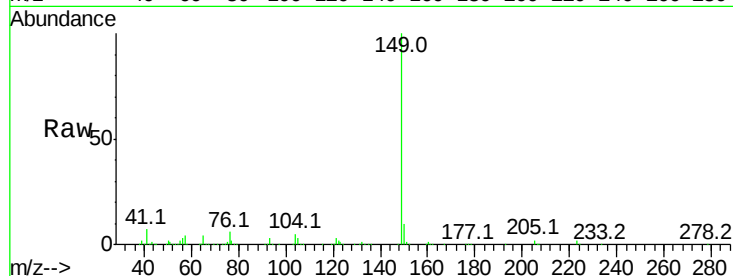
ClientSampleId :

PB87185BS

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Tot Ion:	149	Resp:	589150
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.5	3.2	4.8



#74

Fluoranthene

Concen: 29.21 ng

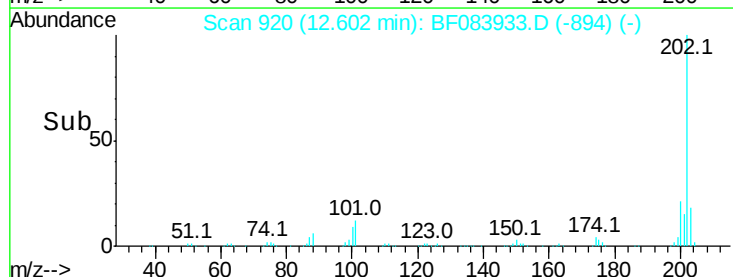
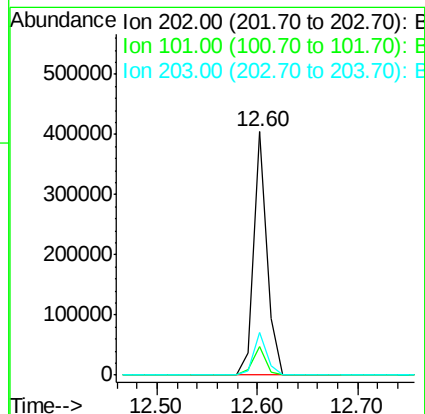
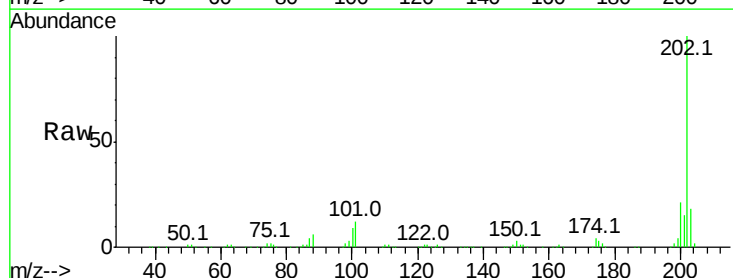
RT: 12.60 min Scan# 920

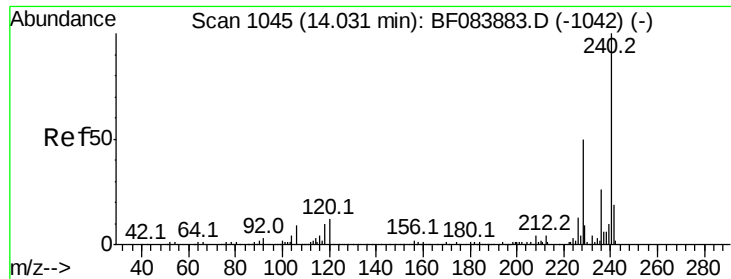
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	202	Resp:	370989
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

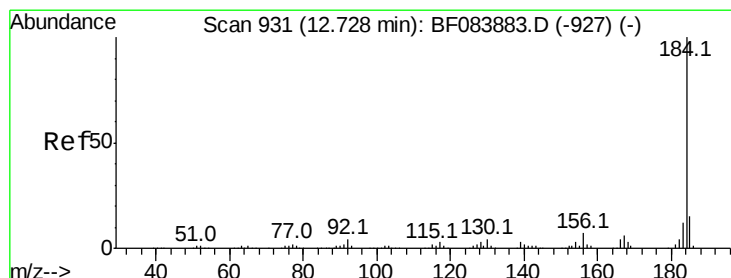
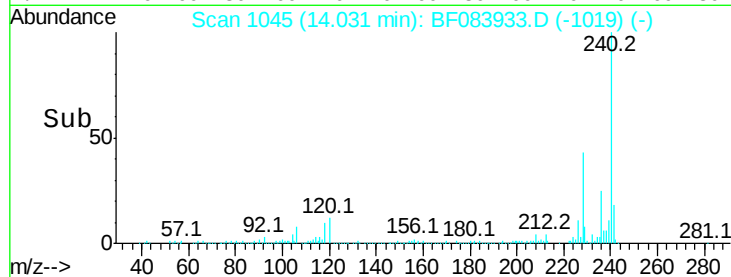
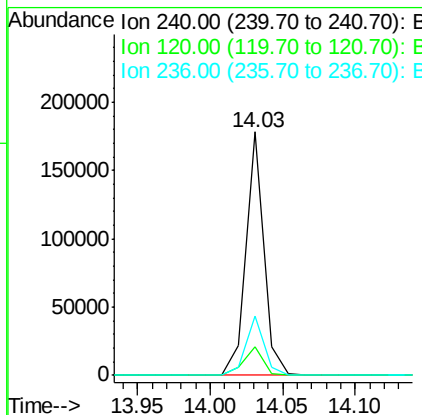
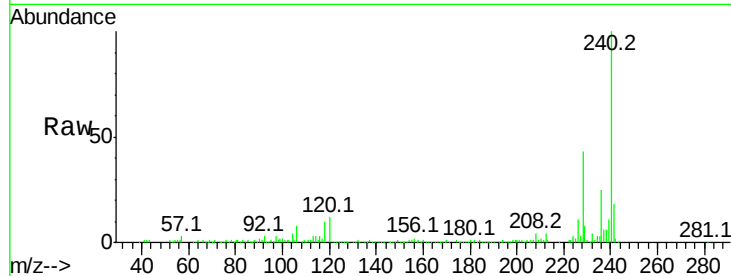
ClientSampleId :

PB87185BS

Tot Ion:	240	Resp:	153238
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	24.6	20.6	31.0

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#76

Benzidine

Concen: 32.70 ng

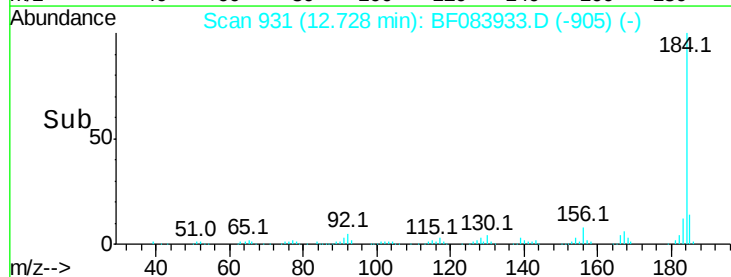
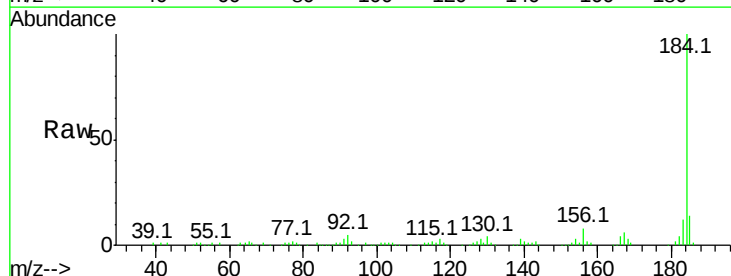
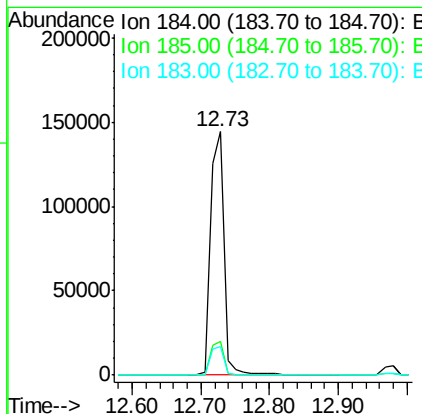
RT: 12.73 min Scan# 931

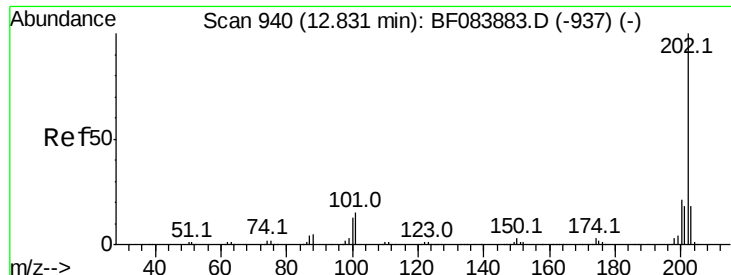
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:	184	Resp:	200654
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.2	18.2
183	11.9	9.8	14.8





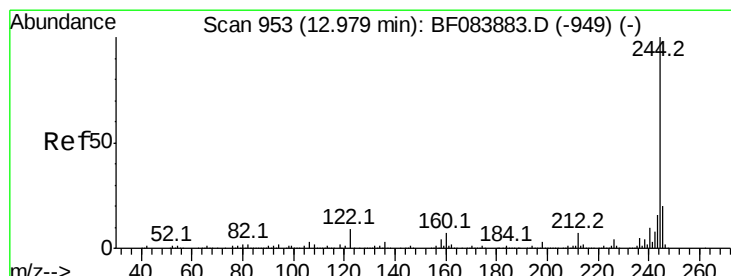
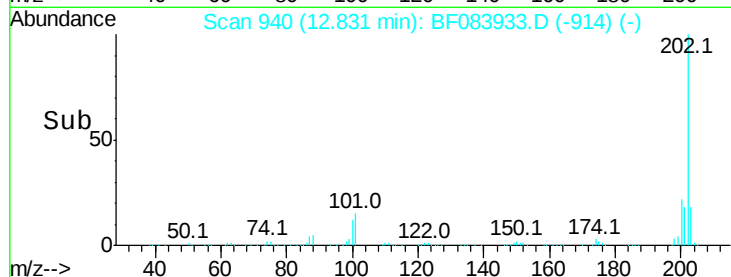
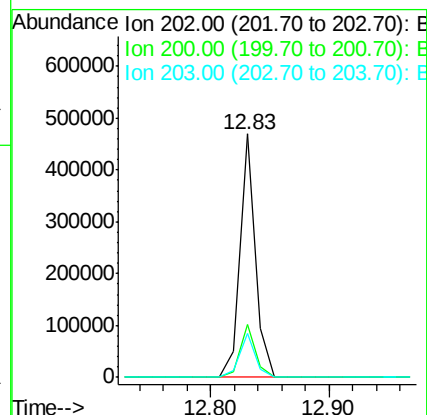
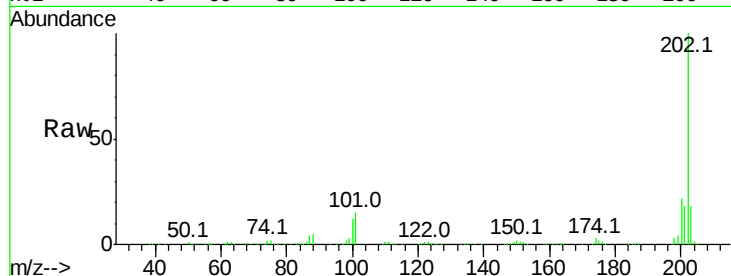
#77
Pvrene
Concen: 43.74 ng
RT: 12.83 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.8	14.3	21.5

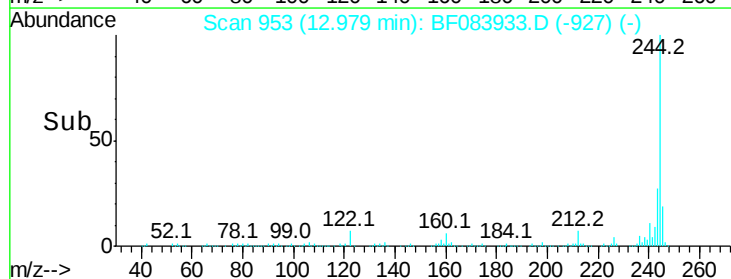
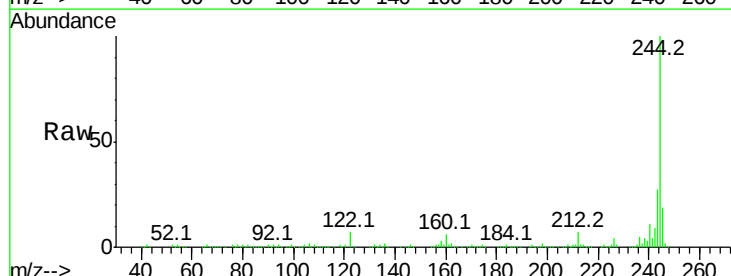
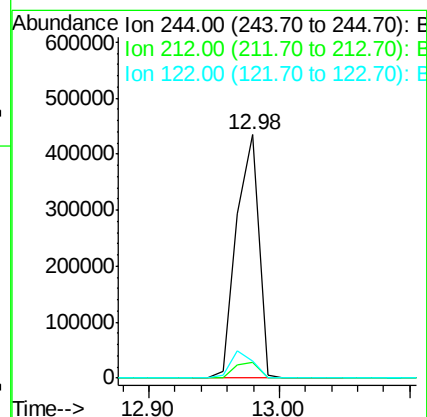
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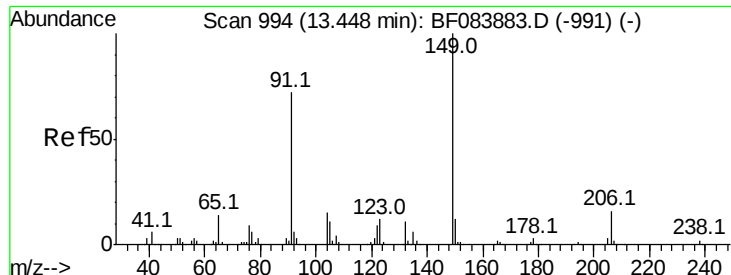
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#78
Terphenyl-d14
Concen: 77.39 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.8	7.4	11.0#





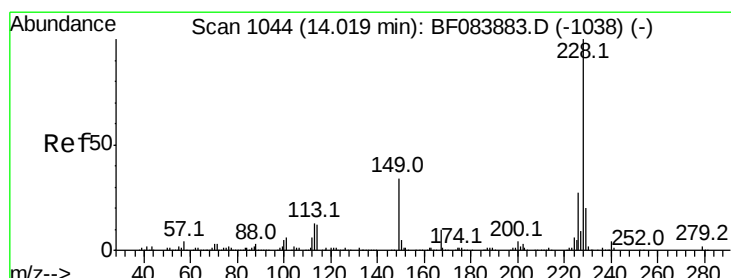
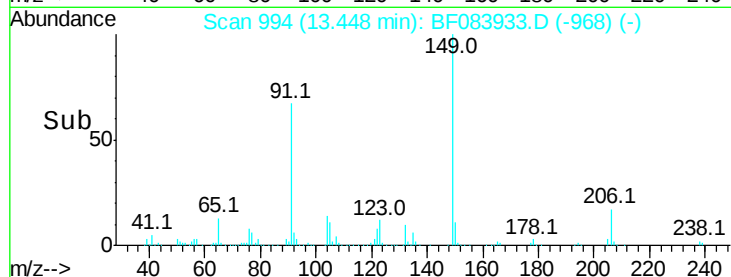
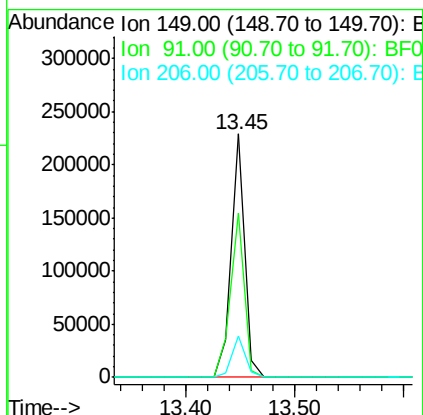
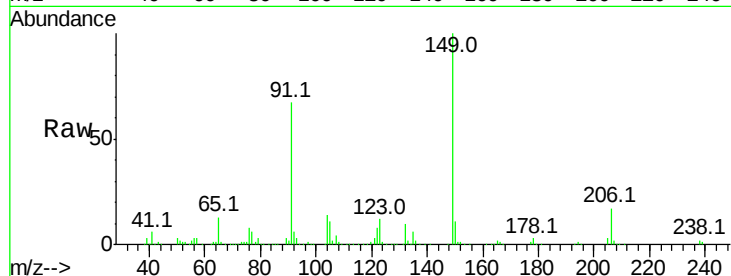
#79
Butylbenzylphthalate
Concen: 38.06 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	194149		
91	67.4	57.6	86.4	
206	17.0	13.2	19.8	

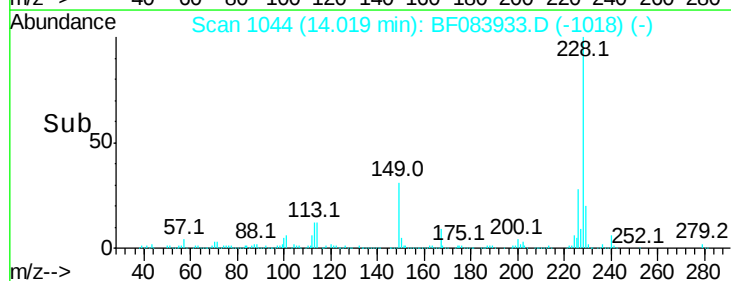
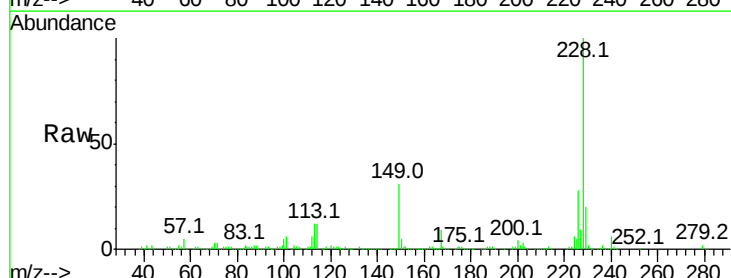
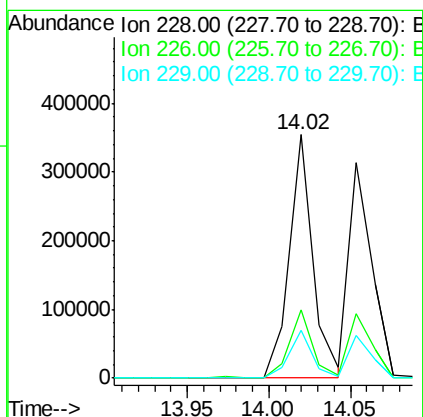
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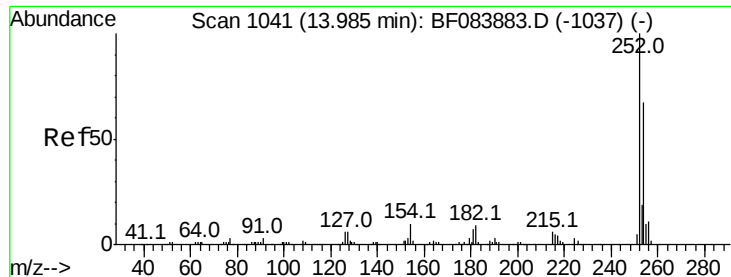
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#80
Benzo(a)anthracene
Concen: 38.07 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	358661		
226	27.8	21.8	32.6	
229	19.7	15.8	23.8	





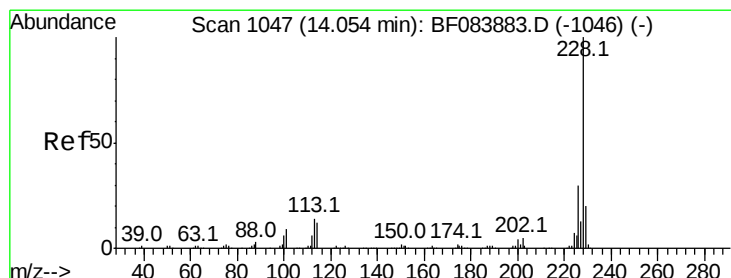
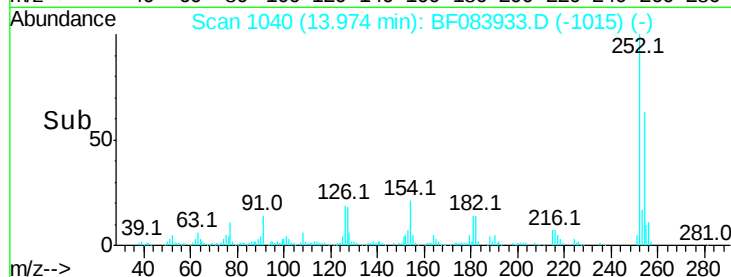
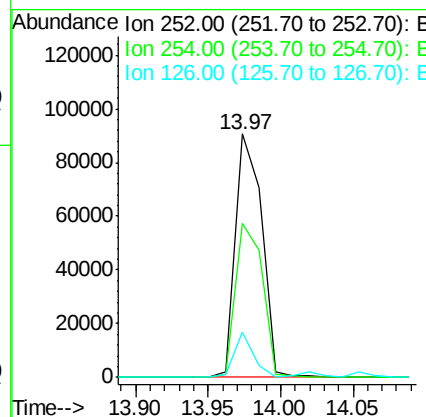
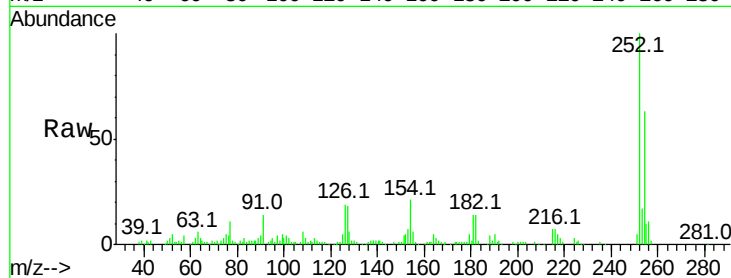
#81
 3,3'-Dichlorobenzidine
 Concen: 32.35 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	53.5	80.3
126	18.8	4.9	7.3

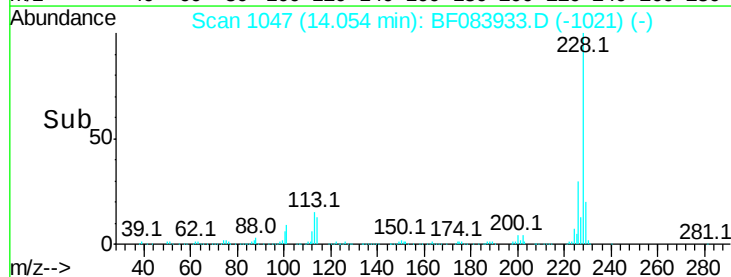
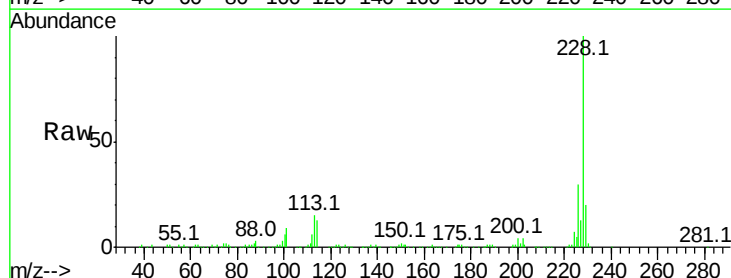
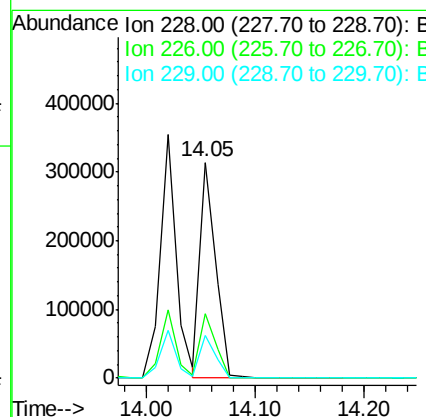
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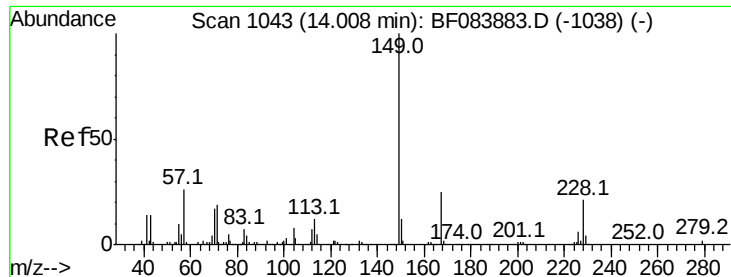
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#82
 Chrysene
 Concen: 34.70 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.6	16.1	24.1





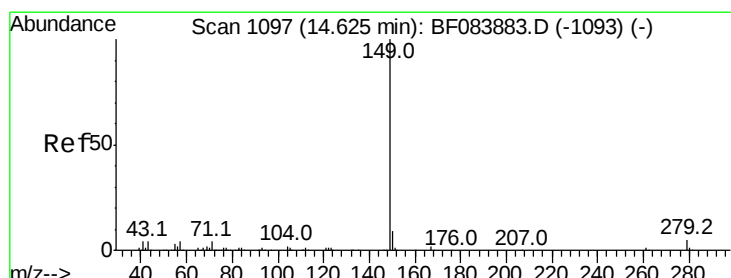
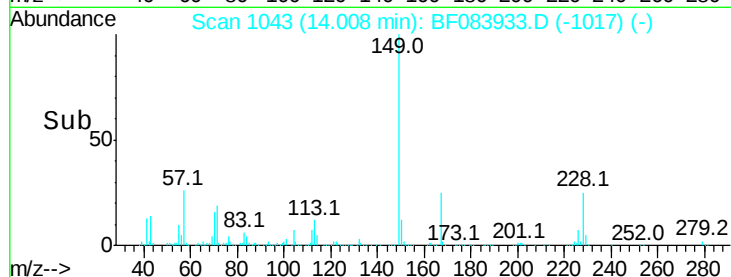
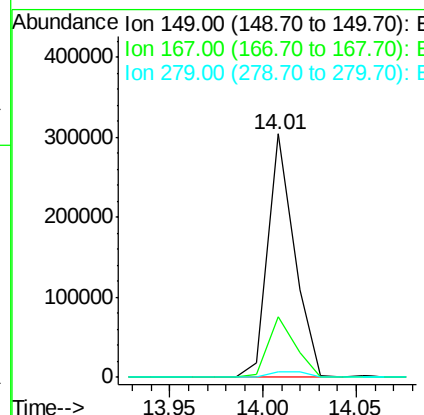
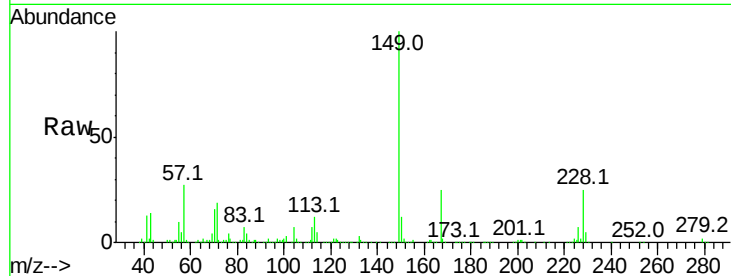
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	296119		
167	24.7	19.7	29.5	
279	2.5	1.8	2.6	

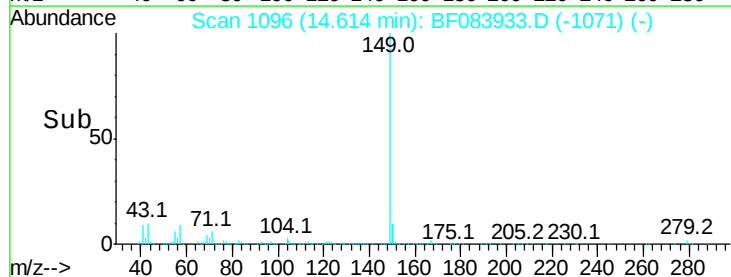
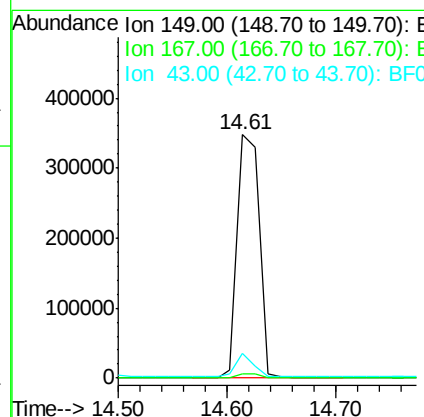
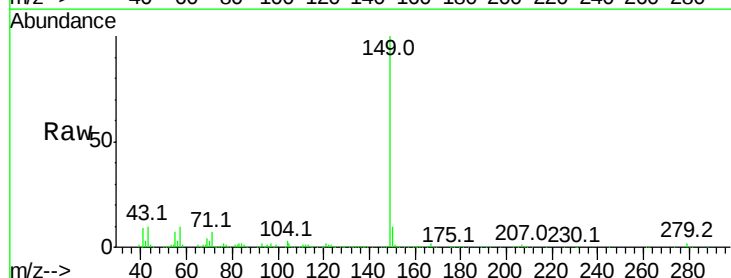
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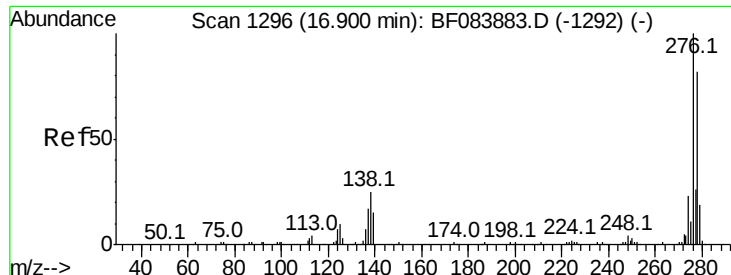
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#84
 Di-n-octyl phthalate
 Concen: 44.70 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	476455		
167	1.6	1.2	1.8	
43	7.7	5.6	8.4	





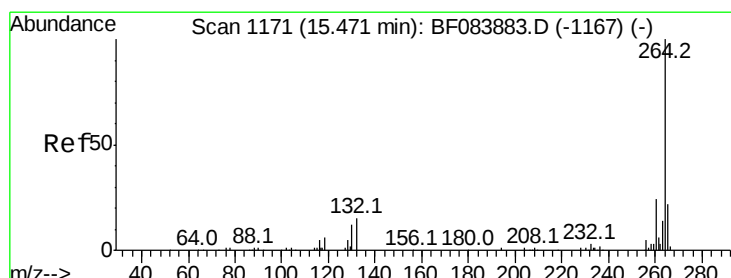
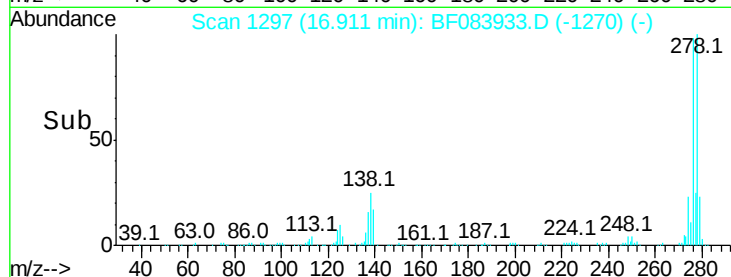
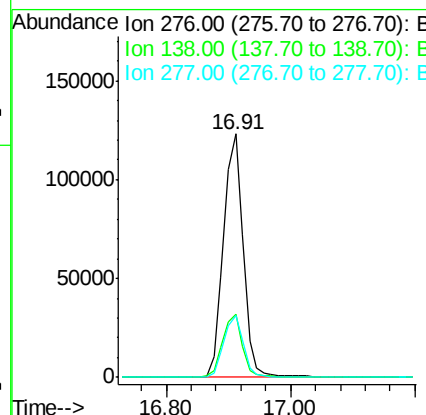
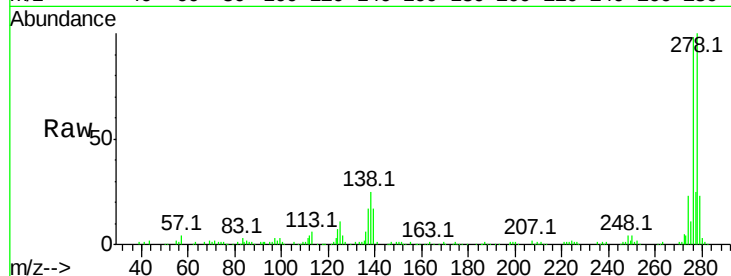
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.73 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	270377		
138	25.9	20.6	30.8	
277	25.0	20.1	30.1	

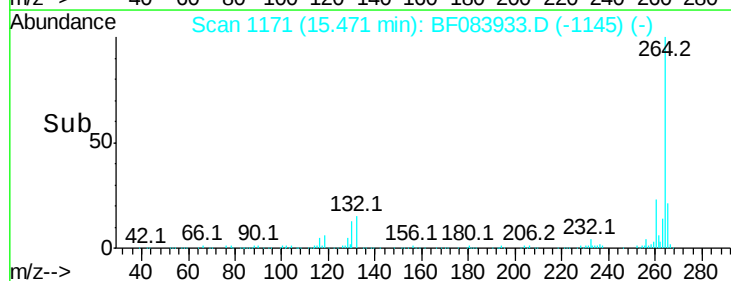
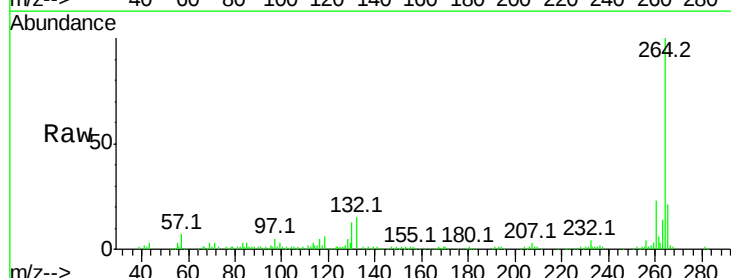
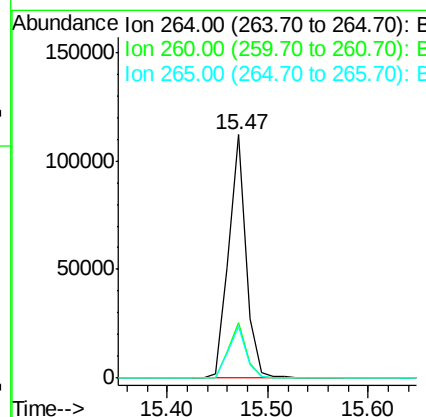
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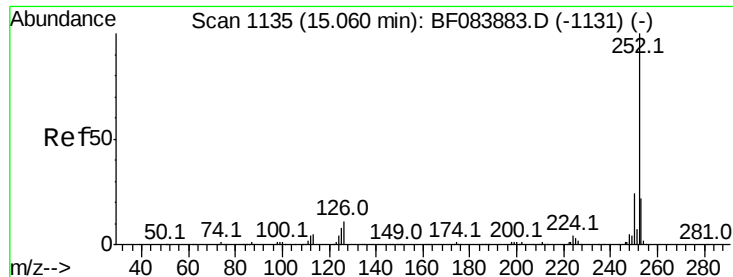
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	135243		
260	22.8	19.4	29.2	
265	21.2	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 36.67 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

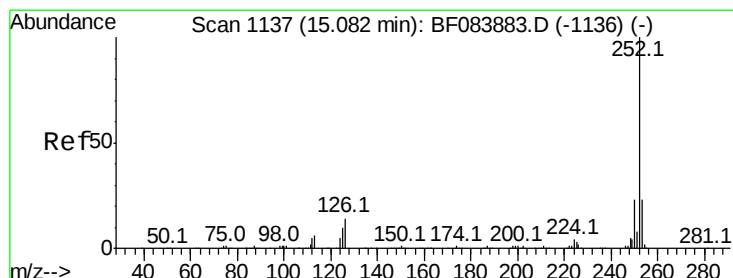
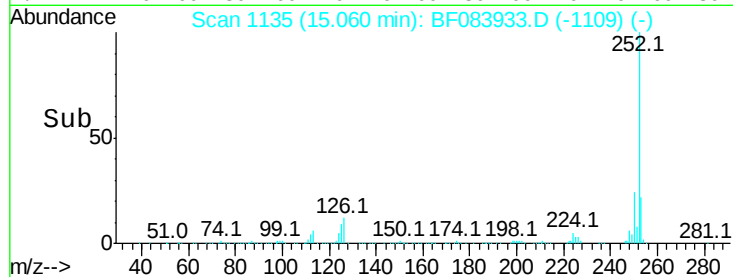
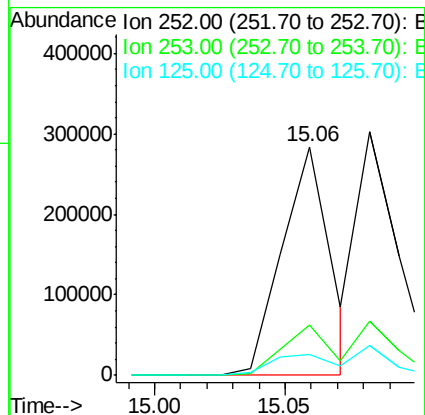
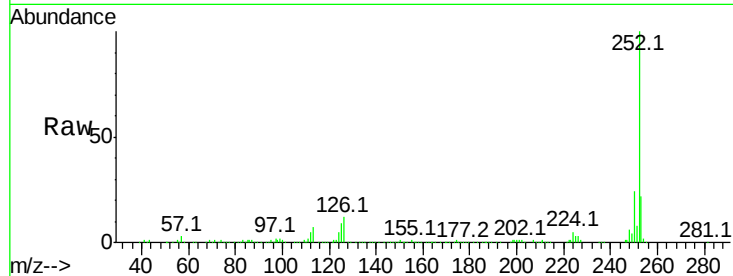
ClientSampleId :

PB87185BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.9	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 39.50 ng m

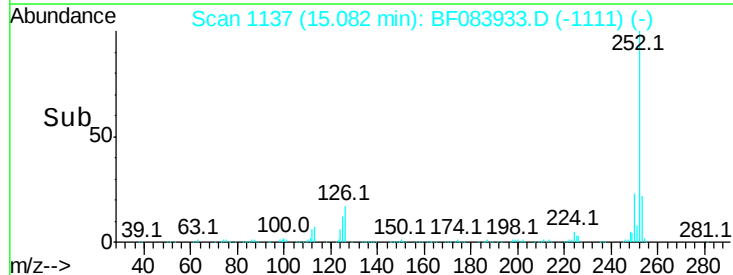
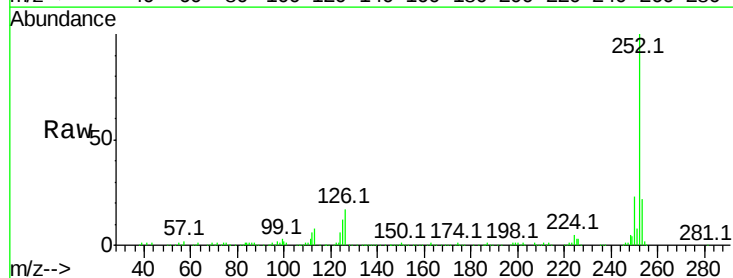
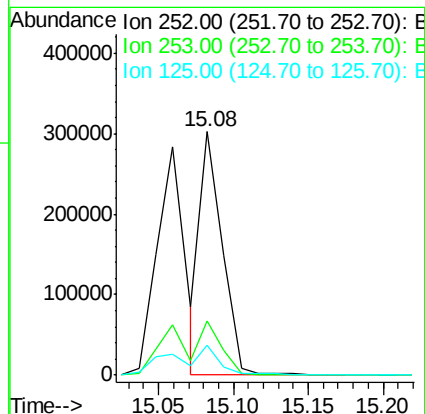
RT: 15.08 min Scan# 1137

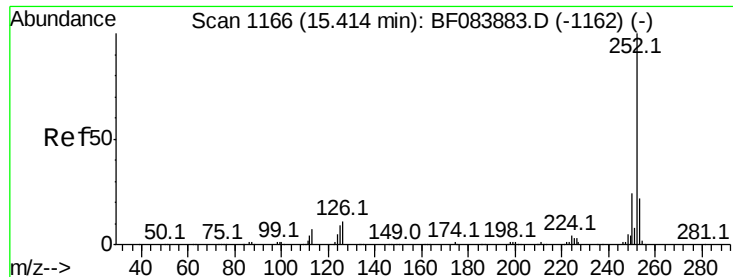
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.3	9.0	13.6





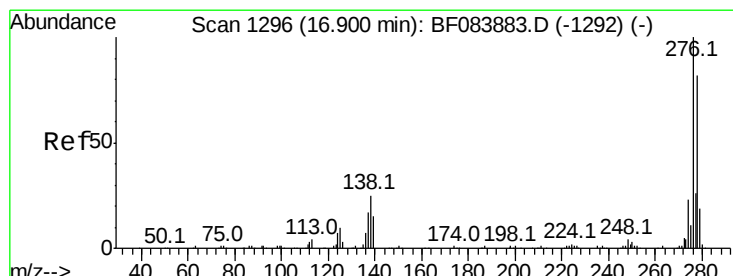
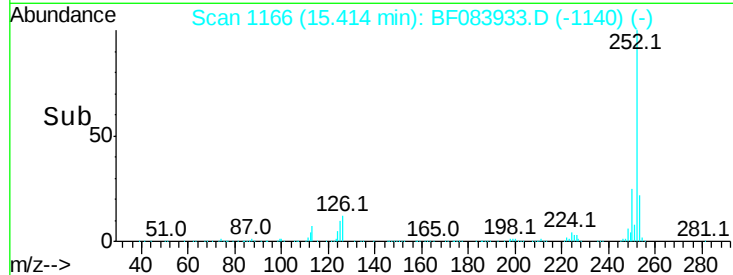
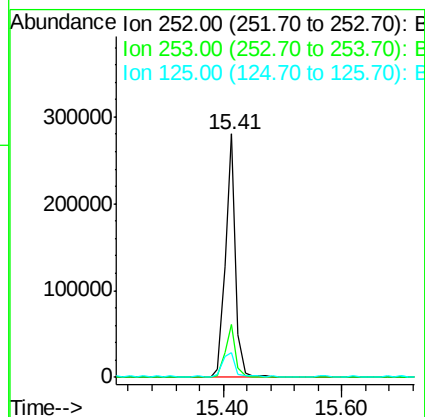
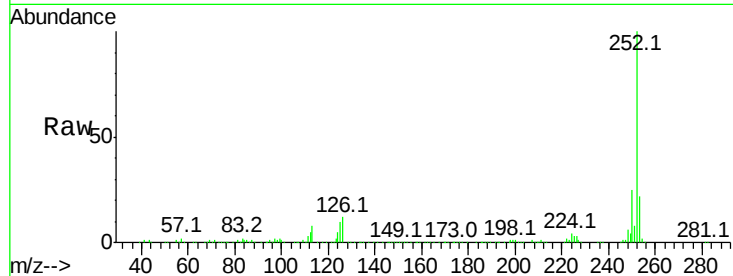
#89
Benzo(a)pyrene
Concen: 40.73 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.0	7.0	10.4

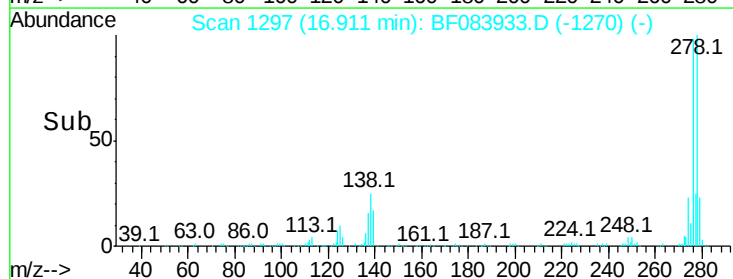
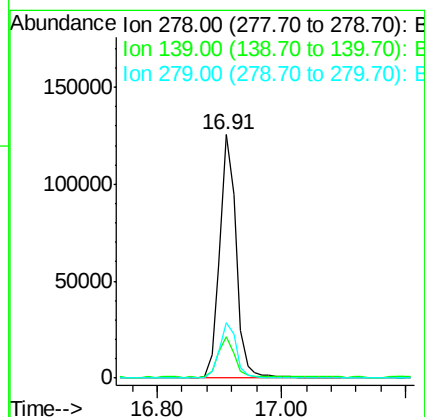
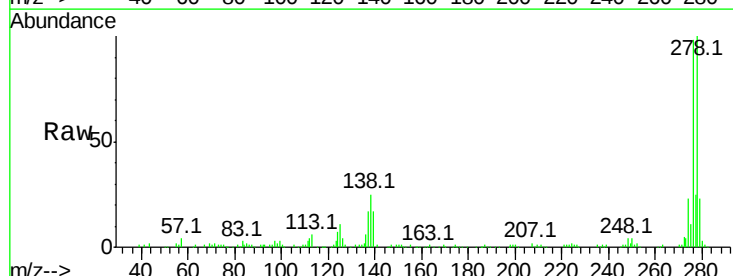
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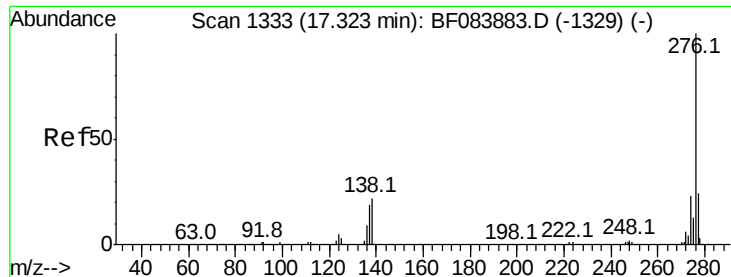
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#90
Dibenzo(a,h)anthracene
Concen: 35.96 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.0	22.4
279	23.0	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 34.66 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion:	276	Resp:	215137
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.8	28.2
138	21.7	17.8	26.6

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