

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092831.D
 Acq On : 7 Feb 2017 16:39
 Operator : SJ/MA
 Sample : PB96775BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:42:58 AM

Quant Time: Feb 08 00:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	175849	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	685465	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	358622	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	514490	20.00	ng	0.00
75) Chrysene-d12	14.08	240	392661	20.00	ng	0.00
86) Perylene-d12	15.53	264	330235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1119230	109.19	ng	0.01
7) Phenol-d6	6.56	99	1310266	99.35	ng	0.01
23) Nitrobenzene-d5	7.48	82	896087	72.80	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	276639	106.65	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1612578	81.46	ng	0.01
78) Terphenyl-d14	13.03	244	1172264	70.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	137249	24.78	ng	# 84
3) Pyridine	3.29	79	423776	30.09	ng	# 79
4) n-Nitrosodimethylamine	3.24	42	214247	32.40	ng	# 84
6) Aniline	6.58	93	403619	22.44	ng	# 47
8) 2-Chlorophenol	6.69	128	378946	33.51	ng	# 86
9) Benzaldehyde	6.45	77	164372	17.40	ng	# 96
10) Phenol	6.57	94	501131	32.48	ng	# 89
11) bis(2-Chloroethyl)ether	6.65	93	399169	32.41	ng	# 95
12) 1,3-Dichlorobenzene	6.85	146	451894	34.12	ng	# 97
13) 1,4-Dichlorobenzene	6.92	146	426551	31.82	ng	# 99
14) 1,2-Dichlorobenzene	7.08	146	443970	34.64	ng	# 96
15) Benzyl Alcohol	7.06	79	354445	36.30	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	681793	31.86	ng	# 96
17) 2-Methylphenol	7.17	107	341662	35.22	ng	# 97
18) Hexachloroethane	7.42	117	131888	28.82	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	264834	31.55	ng	# 93
20) 3+4-Methylphenols	7.32	107	413022	35.61	ng	# 67
22) Acetophenone	7.32	105	519153	33.17	ng	# 94
24) Nitrobenzene	7.49	77	405218	32.06	ng	# 97
25) Isophorone	7.73	82	772161	33.66	ng	# 98
26) 2-Nitrophenol	7.81	139	229135	38.14	ng	# 87
27) 2,4-Dimethylphenol	7.85	122	374530	35.49	ng	# 99
28) bis(2-Chloroethoxy)methane	7.94	93	494377	32.54	ng	# 98
29) 2,4-Dichlorophenol	8.05	162	331862	33.72	ng	# 89
30) 1,2,4-Trichlorobenzene	8.13	180	351458	33.14	ng	# 95
31) Naphthalene	8.21	128	1067465	30.72	ng	# 99
32) Benzoic acid	7.97	122	207262	36.66	ng	# 95
33) 4-Chloroaniline	8.27	127	141173	10.36	ng	# 95
34) Hexachlorobutadiene	8.33	225	187264	32.09	ng	# 99
35) Caprolactam	8.64	113	113309	36.60	ng	# 39
36) 4-Chloro-3-methylphenol	8.76	107	384562	37.48	ng	# 89
37) 2-Methylnaphthalene	8.91	142	791065	35.46	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	323270	32.11	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	76341	16.81	ng	# 97

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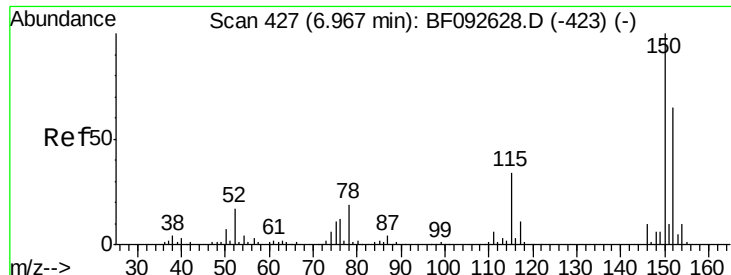
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	239255	36.17	nq	91
43) 2,4,5-Trichlorophenol	9.23	196	245197	33.83	nq	93
45) 1,1'-Biphenyl	9.37	154	864922	33.31	nq	96
46) 2-Chloronaphthalene	9.40	162	738683	36.36	nq	95
47) 2-Nitroaniline	9.49	65	228152	33.40	nq	96
48) Acenaphthylene	9.81	152	1130209	32.21	nq	99
49) Dimethylphthalate	9.68	163	934254	38.68	nq	100
50) 2,6-Dinitrotoluene	9.73	165	174783	33.50	nq	# 72
51) Acenaphthene	9.98	154	697457	33.24	nq	96
52) 3-Nitroaniline	9.90	138	124467	20.85	nq	96
53) 2,4-Dinitrophenol	10.02	184	53643	23.75	nq	95
54) Dibenzofuran	10.16	168	986357	35.15	nq	94
55) 4-Nitrophenol	10.09	139	323690	75.28	nq	# 68
56) 2,4-Dinitrotoluene	10.14	165	262516	37.80	nq	# 85
57) Fluorene	10.50	166	725707	33.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	188048	38.89	nq	92
59) Diethylphthalate	10.37	149	851579	37.41	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	340398	32.82	nq	92
61) 4-Nitroaniline	10.52	138	187395	30.65	nq	87
62) Azobenzene	10.65	77	836571	35.57	nq	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	47364	16.95	nq	94
65) n-Nitrosodiphenylamine	10.61	169	708722	43.12	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	200869	37.37	nq	98
67) Hexachlorobenzene	11.05	284	184664	34.76	nq	# 88
68) Atrazine	11.14	200	209026	39.63	nq	97
69) Pentachlorophenol	11.24	266	178712	66.51	nq	96
70) Phenanthrene	11.46	178	935871	31.75	nq	98
71) Anthracene	11.52	178	1101051	37.20	nq	98
72) Carbazole	11.66	167	882523	31.19	nq	98
73) Di-n-butylphthalate	12.00	149	1263825	41.30	nq	# 97
74) Fluoranthene	12.65	202	890491	29.29	nq	97
76) Benzidine	12.77	184	540459	32.30	nq	96
77) Pyrene	12.88	202	895033	30.46	nq	99
79) Butylbenzylphthalate	13.49	149	459656	38.52	nq	86
80) Benzo(a)anthracene	14.07	228	796934	33.18	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	308928	36.09	nq	# 95
82) Chrysene	14.10	228	680572	30.27	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	635137	38.92	nq	# 95
84) Di-n-octyl phthalate	14.66	149	1026902	38.64	nq	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	601653	34.54	nq	95
87) Benzo(b)fluoranthene	15.11	252	897465m	41.29	nq	
88) Benzo(k)fluoranthene	15.14	252	532842m	28.39	nq	
89) Benzo(a)pyrene	15.47	252	655807	34.88	nq	99
90) Dibenzo(a,h)anthracene	16.99	278	516833	34.01	nq	99
91) Benzo(g,h,i)perylene	17.41	276	485961	31.66	nq	# 93

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



#1

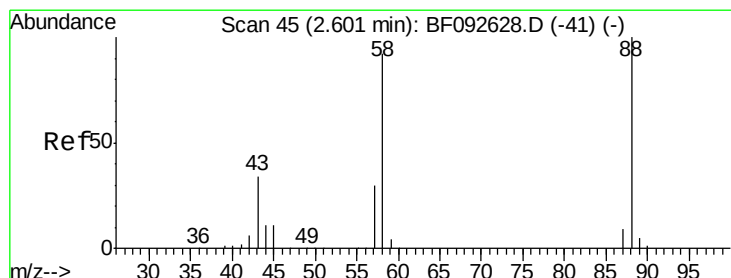
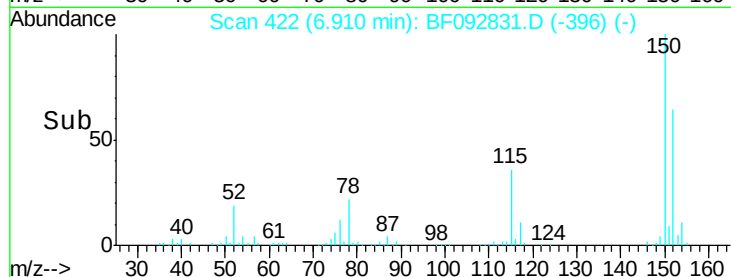
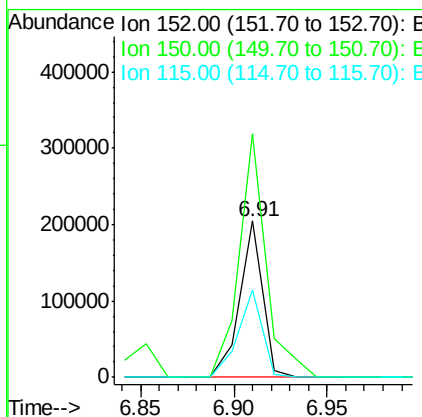
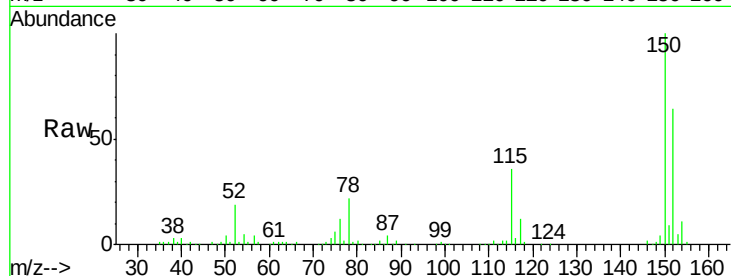
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	55.9	46.0	69.0

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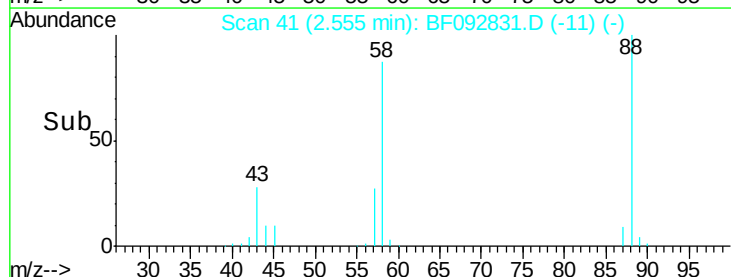
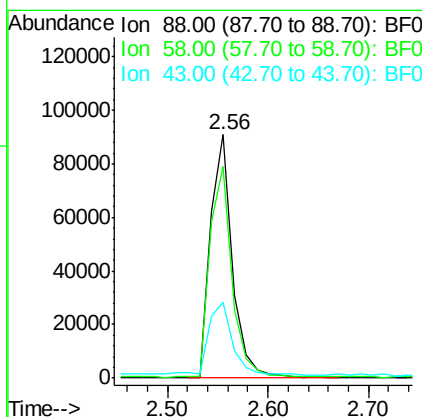
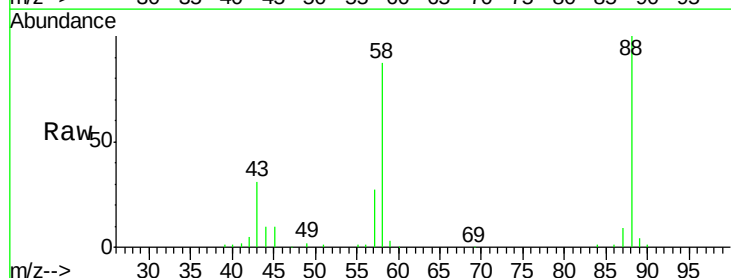
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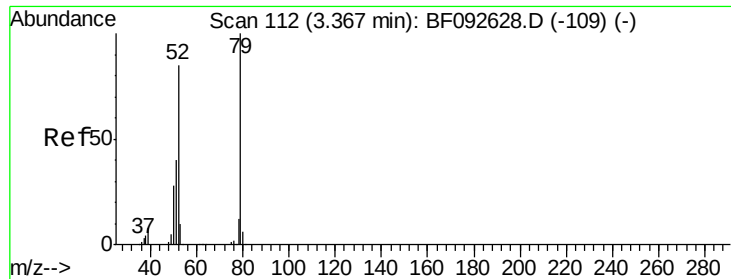


#2

1,4-Dioxane
Concen: 24.78 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	57.8	86.8#
43	33.9	22.3	33.5#





#3

Pvridine

Concen: 30.09 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

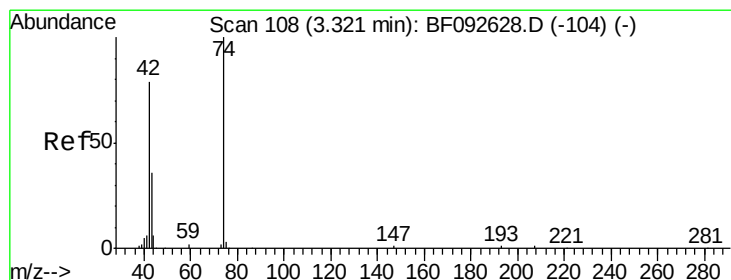
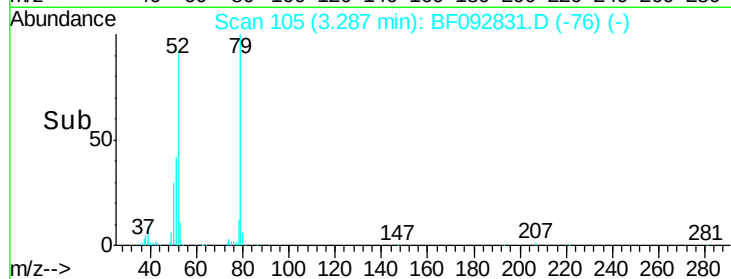
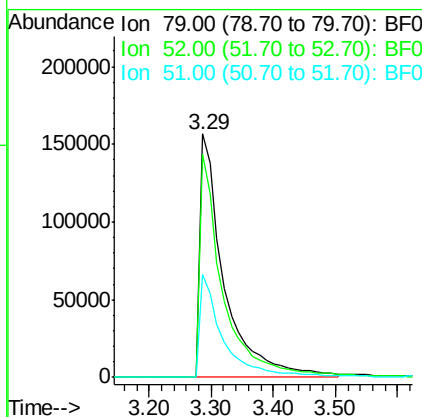
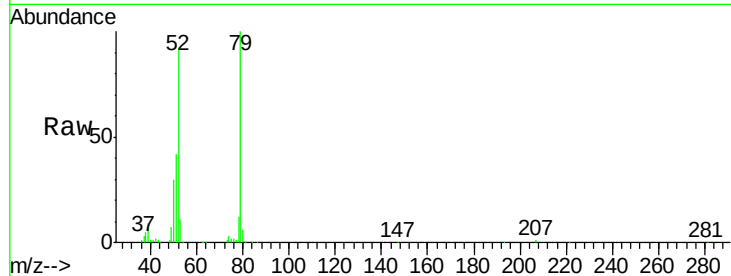
ClientSampleId :

PB96775BS

Tot Ion:	79	Resp:	423776
Ion	Ratio	Lower	Upper
79	100		
52	91.7	57.1	85.7#
51	42.2	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 32.40 ng

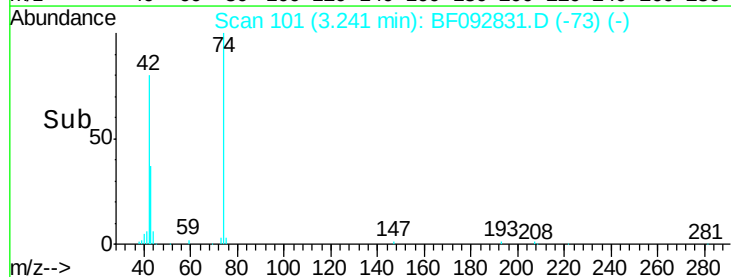
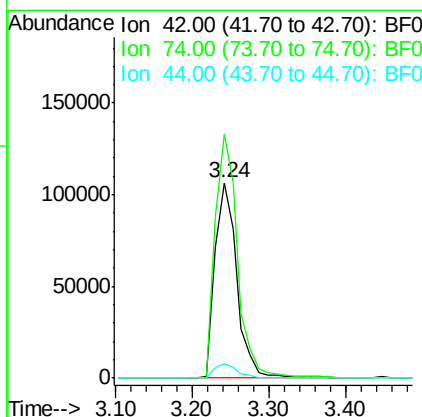
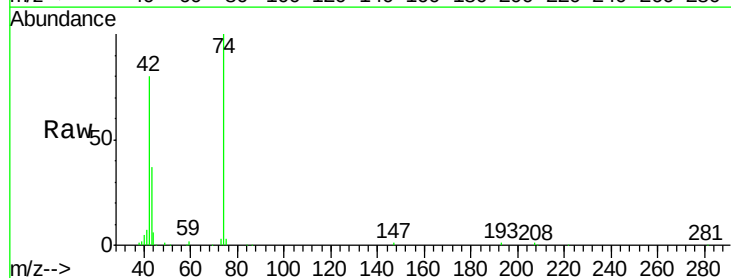
RT: 3.24 min Scan# 101

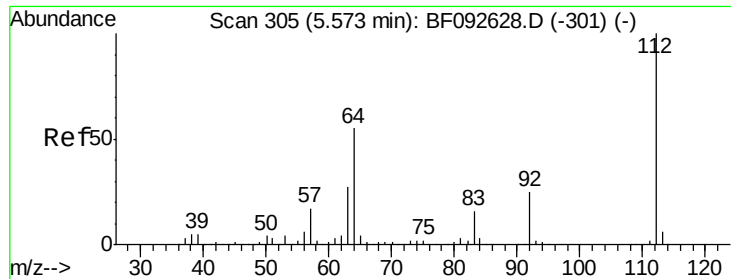
Delta R.T. 0.02 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	42	Resp:	214247
Ion	Ratio	Lower	Upper
42	100		
74	124.9	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 109.19 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

Tot Ion:112 Resp: 1119230

Ion Ratio Lower Upper

112 100

64 69.7 46.1 69.1#

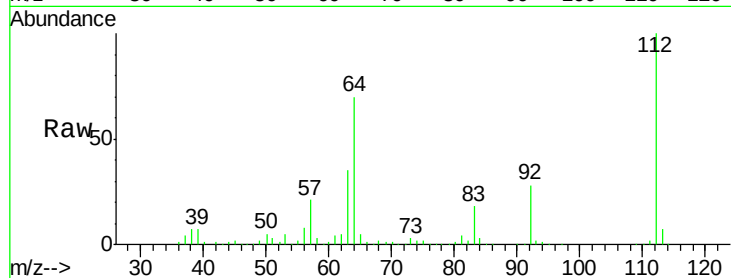
63 34.7 23.8 35.6

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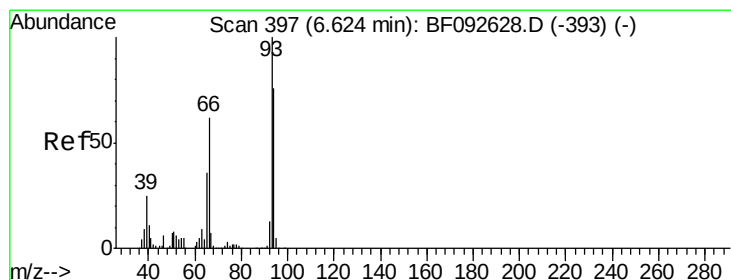
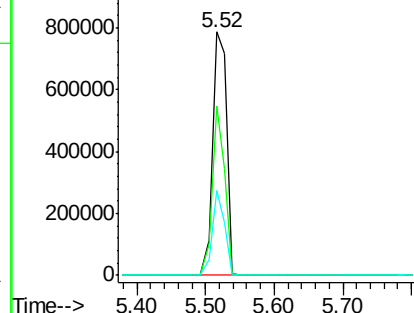
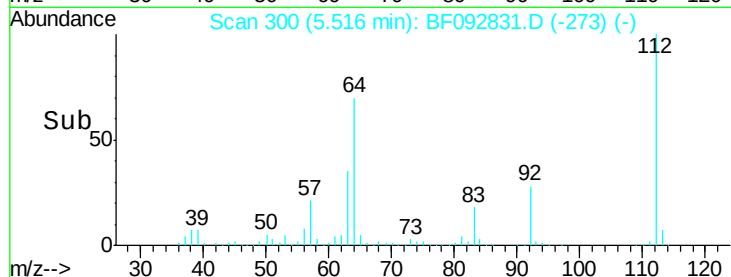
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.44 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

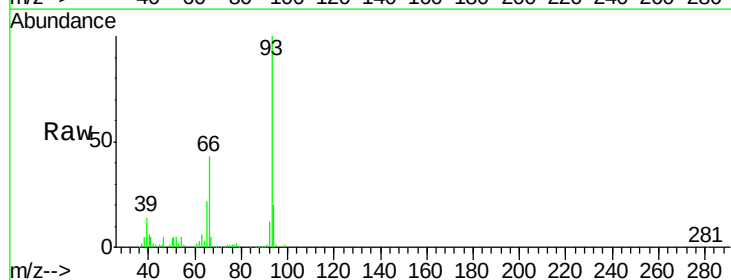
Tgt Ion: 93 Resp: 403619

Ion Ratio Lower Upper

93 100

66 43.4 76.2 114.2#

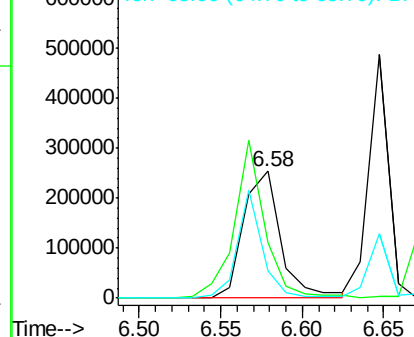
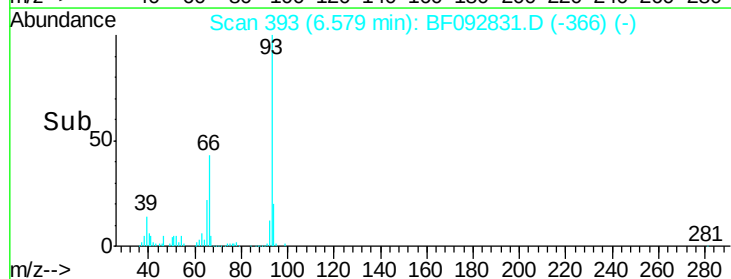
65 21.7 49.3 73.9#

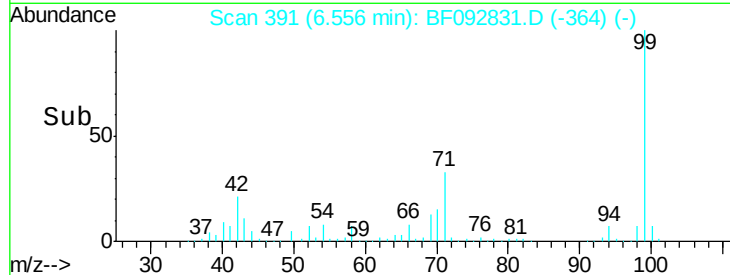
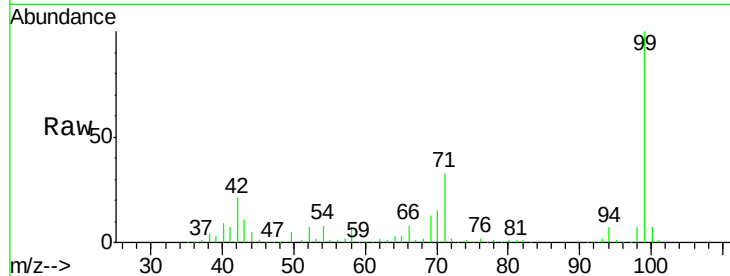
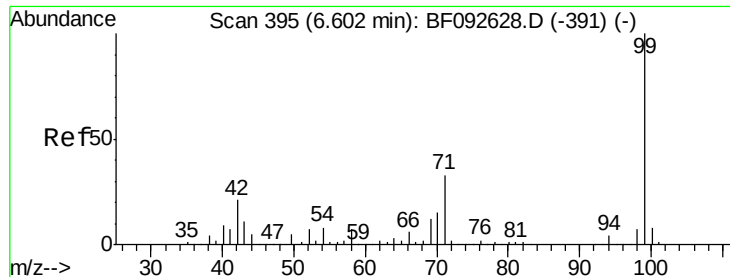


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.35 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092831.D

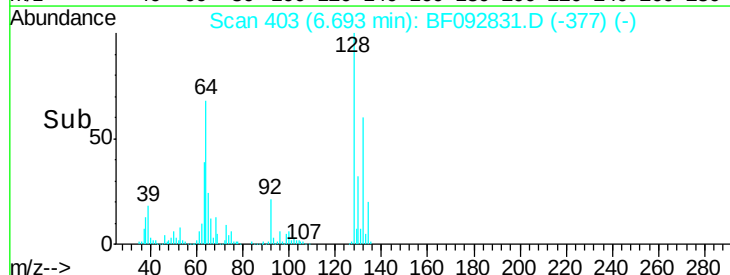
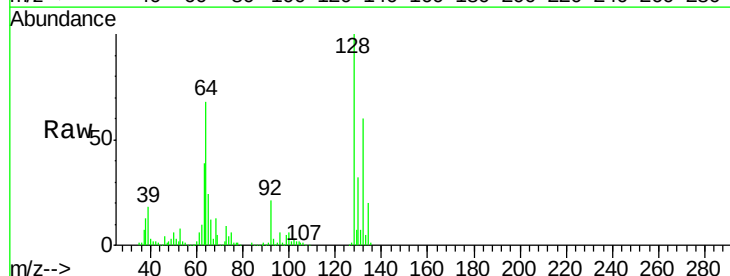
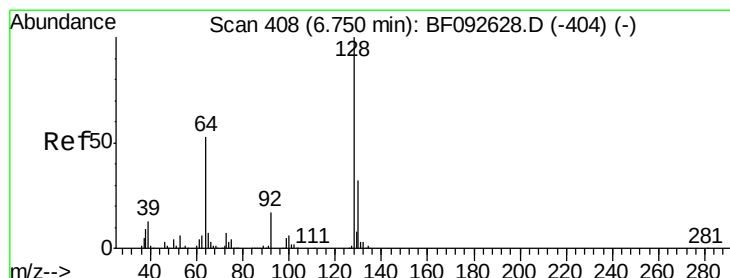
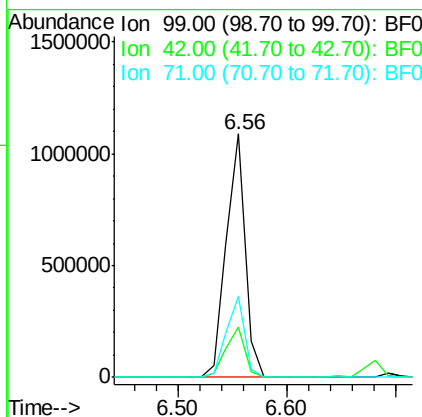
Acq: 7 Feb 2017 16:39

Tot Ion:	99	Resp:	1310266
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.6	23.4
71	33.3	27.5	41.3

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#8

2-Chlorophenol

Concen: 33.51 ng

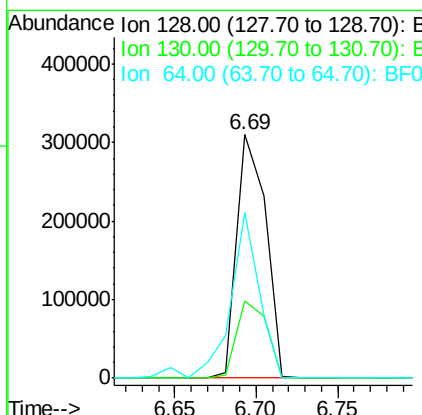
RT: 6.69 min Scan# 403

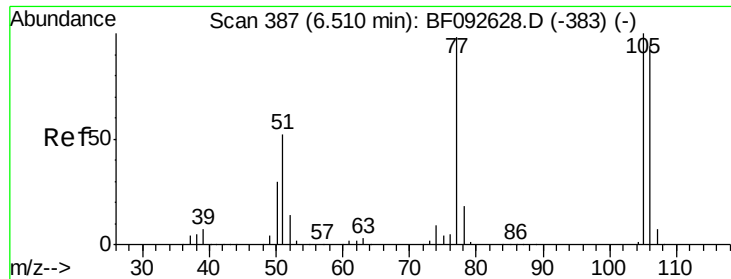
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	128	Resp:	378946
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.3	52.3
64	67.8	32.2	72.2





#9

Benzaldehyde

Concen: 17.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

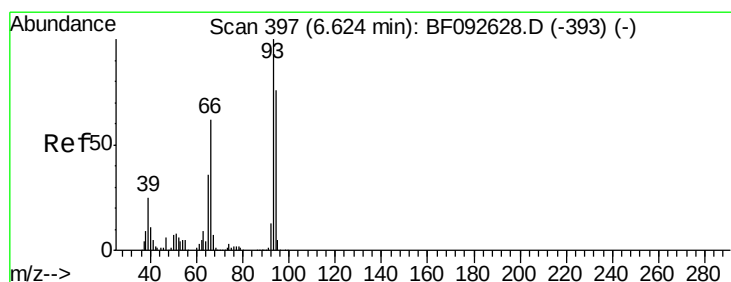
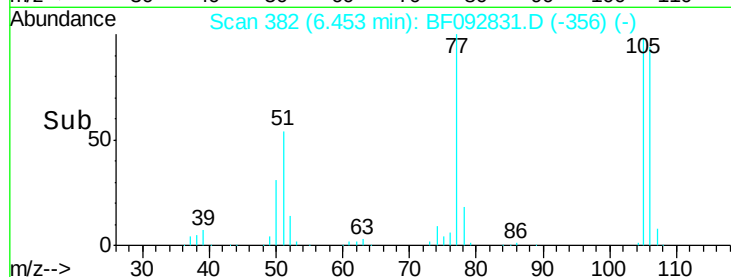
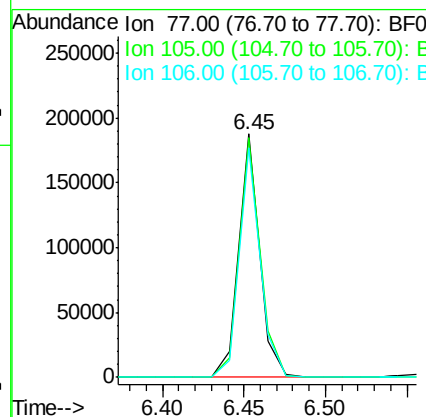
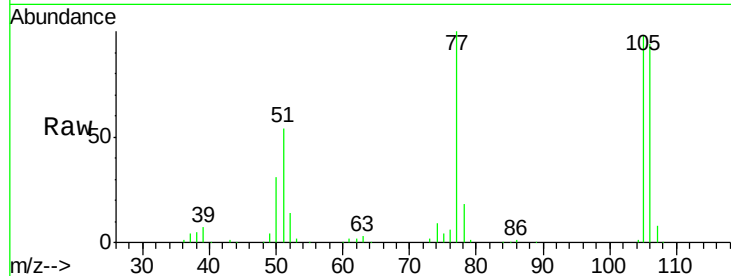
ClientSampleID :

PB96775BS

Tot Ion:	77	Resp:	164372
Ion Ratio	Lower	Upper	
77	100		
105	98.2	83.9	123.9
106	94.3	77.6	117.6

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#10

Phenol

Concen: 32.48 ng

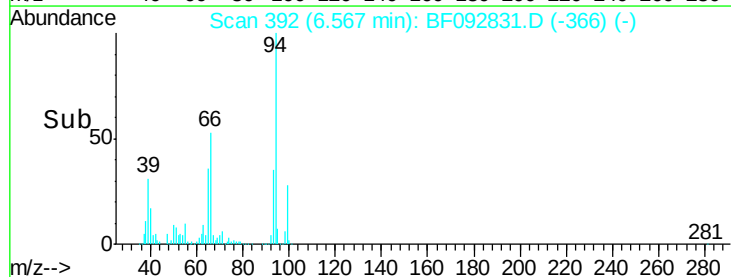
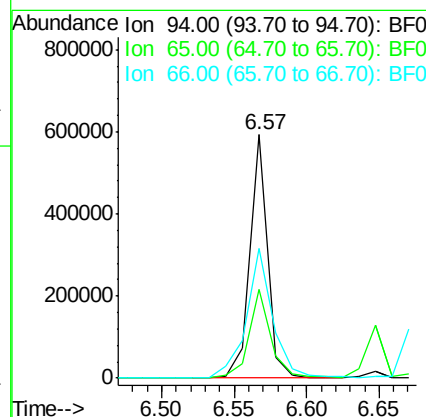
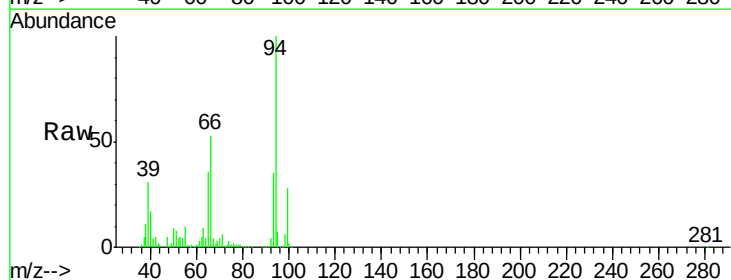
RT: 6.57 min Scan# 392

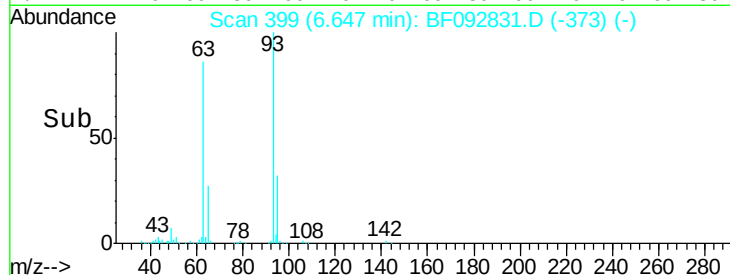
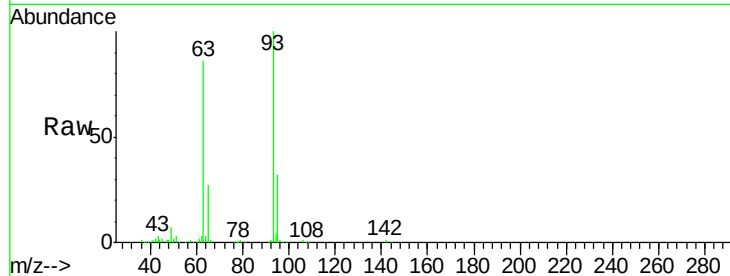
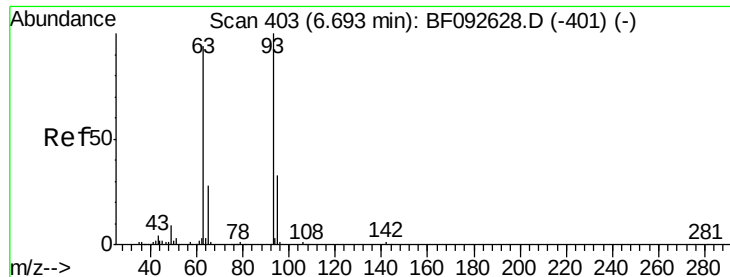
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	94	Resp:	501131
Ion Ratio	Lower	Upper	
94	100		
65	36.4	21.4	61.4
66	53.2	44.0	84.0





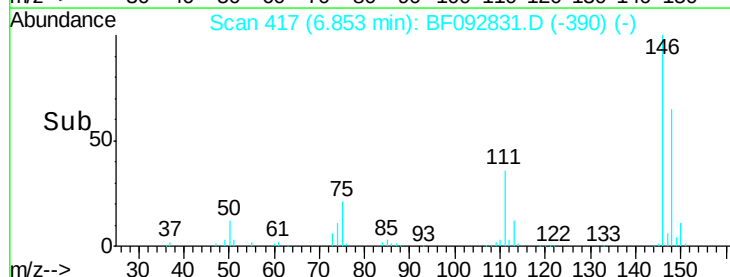
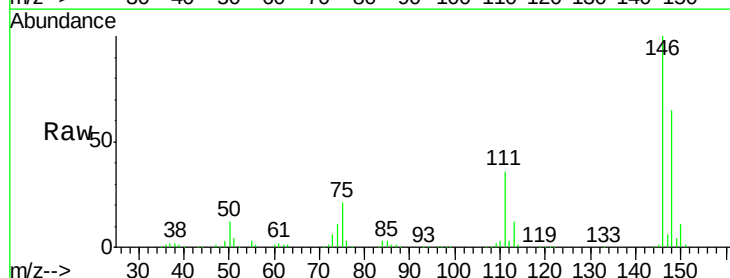
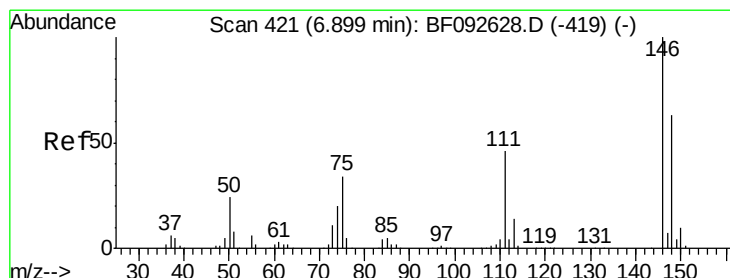
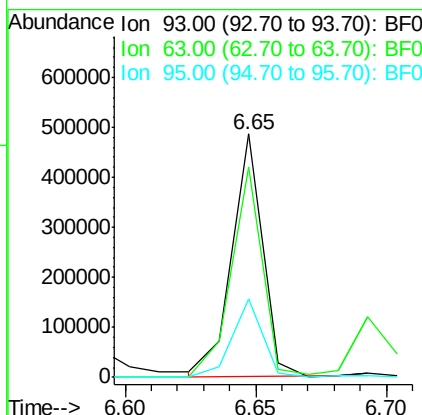
#11
bis(2-Chloroethyl)ether
Concen: 32.41 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tot Ion	93	Resp	399169
Ion Ratio	Lower	Upper	
93	100		
63	86.3	60.4	100.4
95	32.1	12.8	52.8

Instrument :
BNA_F
ClientSampleId :
PB96775BS

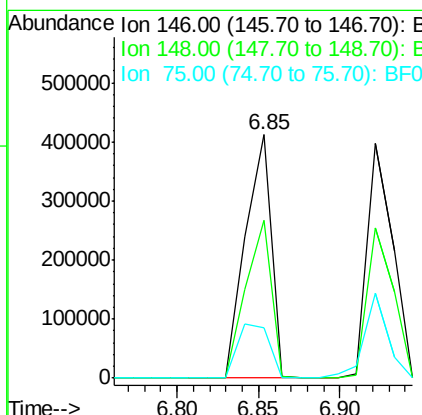
Manual Integrations
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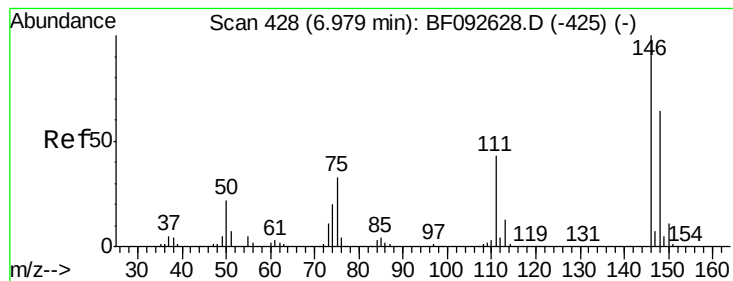
mohammad
2/8/2017 10:42:58 AM



#12
1,3-Dichlorobenzene
Concen: 34.12 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	146	Resp	451894
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.4	80.0
75	20.8	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 31.82 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

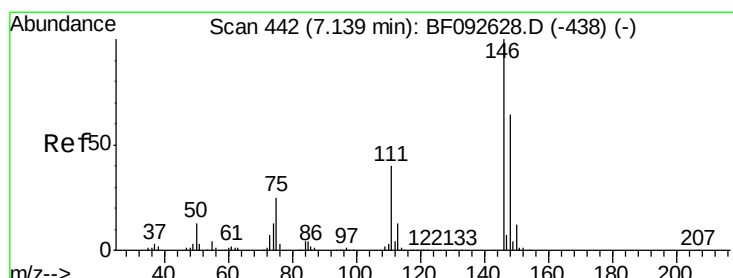
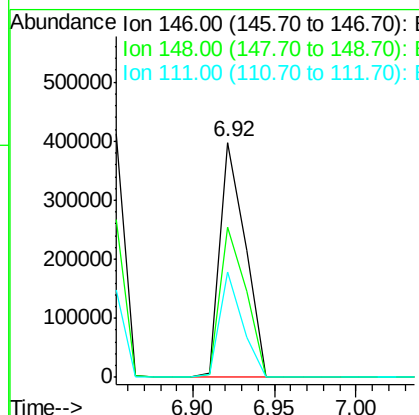
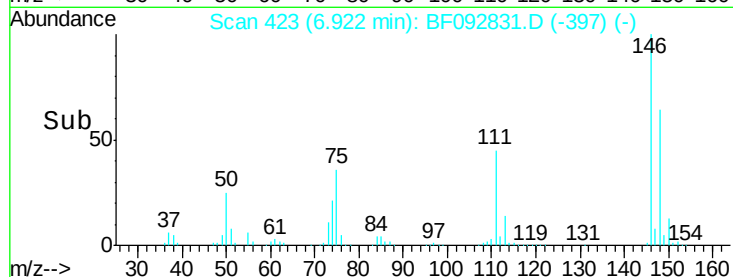
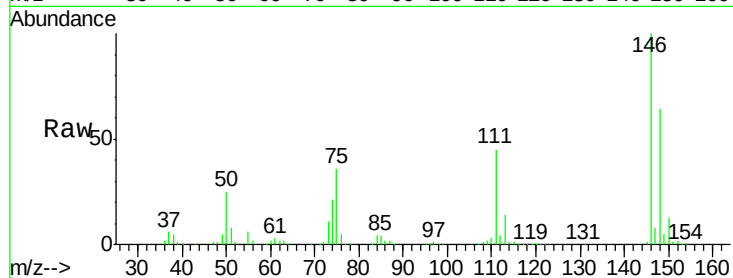
ClientSampled :

PB96775BS

Tot Ion:	146	Resp:	426551
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	44.9	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 34.64 ng

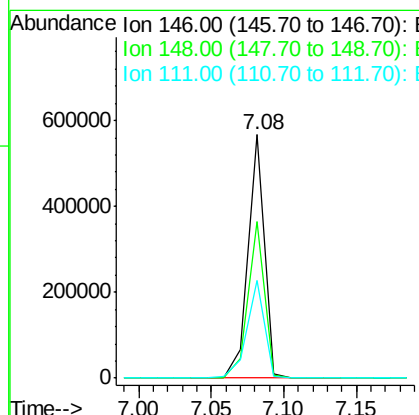
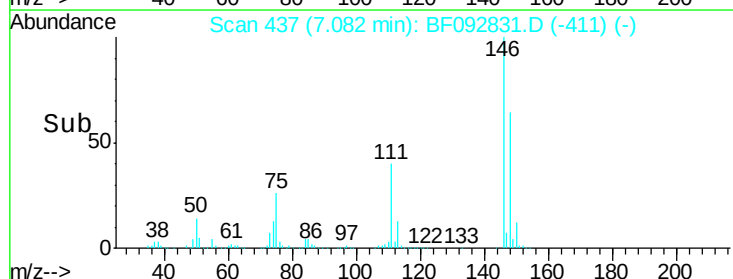
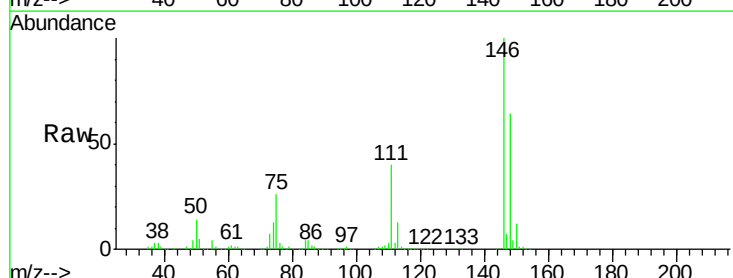
RT: 7.08 min Scan# 437

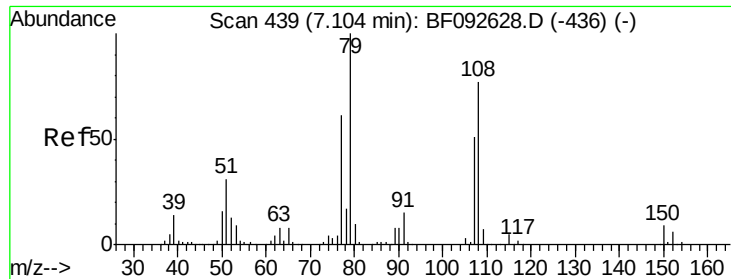
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	146	Resp:	443970
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	40.0	36.2	54.2





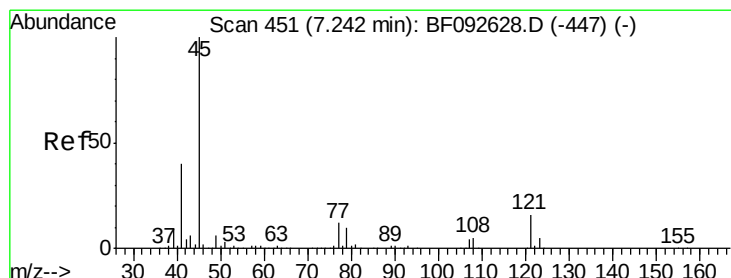
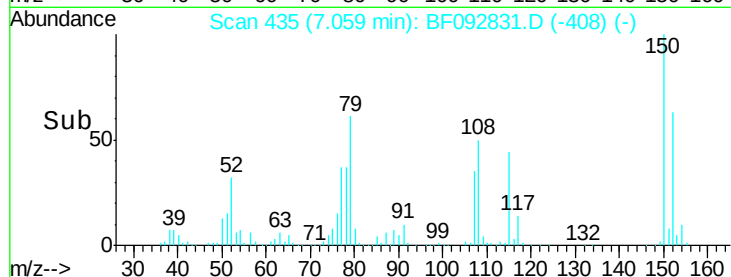
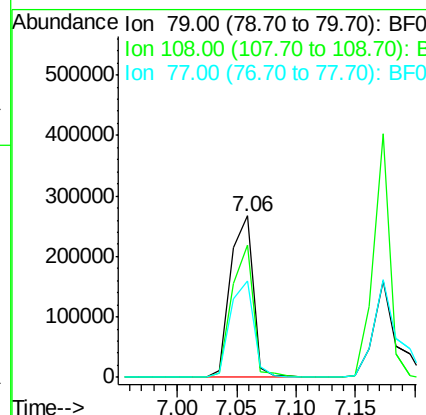
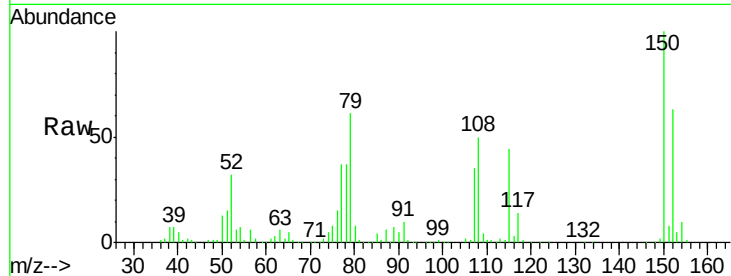
#15
Benzyl Alcohol
Concen: 36.30 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB96775BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	61.4	92.0
77	60.2	50.9	76.3

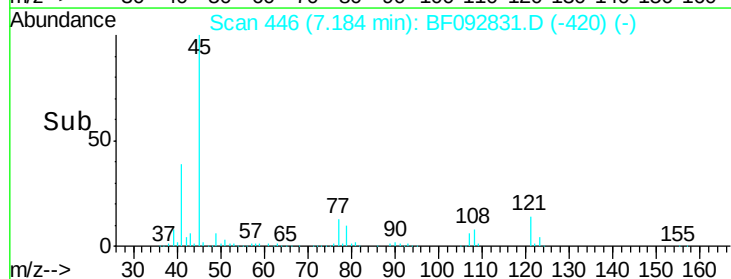
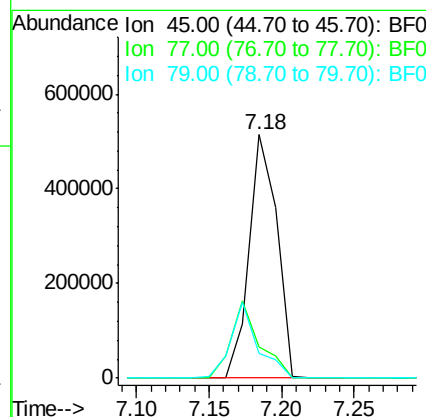
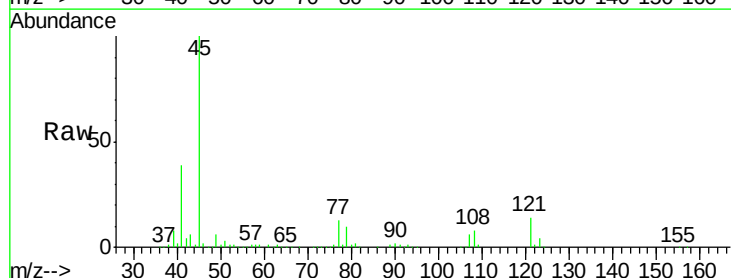
Manual Integrations
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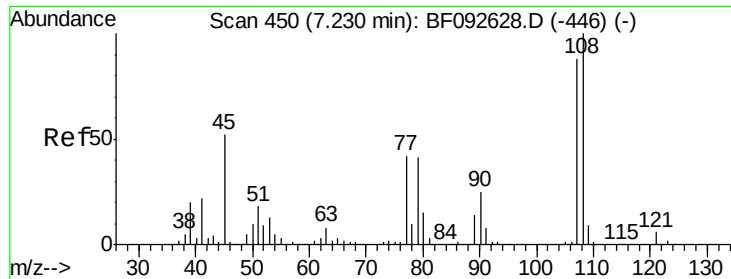
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.86 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	34.6
79	10.1	0.0	31.2





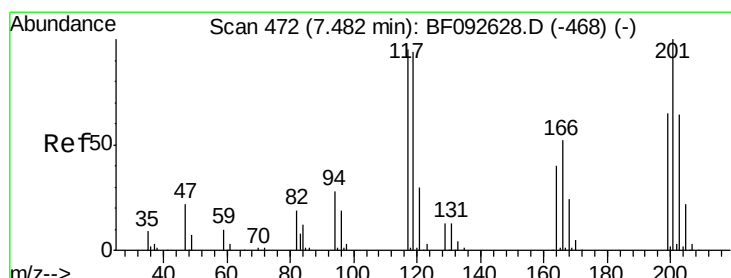
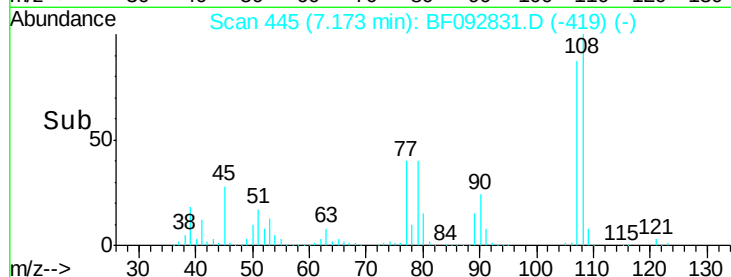
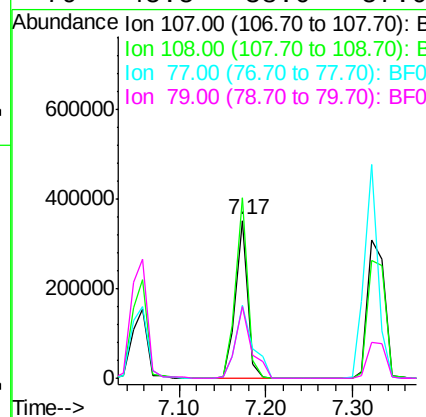
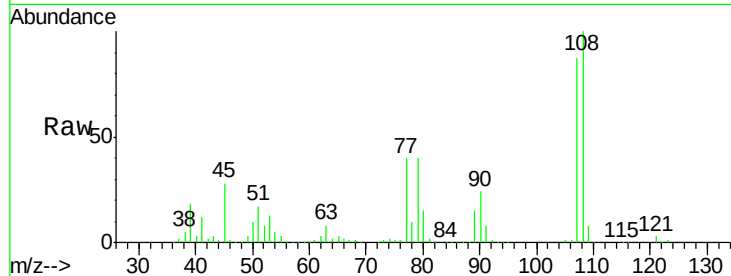
#17
2-Methylphenol
Concen: 35.22 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		341662		
108	114.3	93.0	139.6		
77	46.0	39.8	59.8		
79	45.5	38.0	57.0		

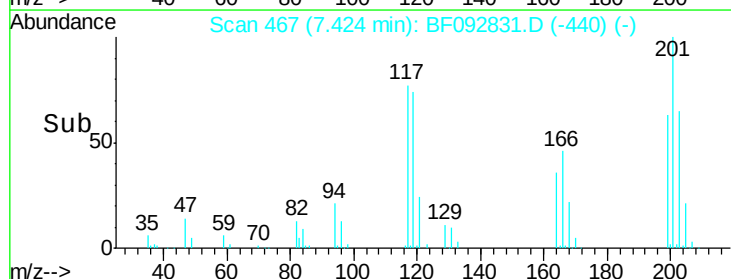
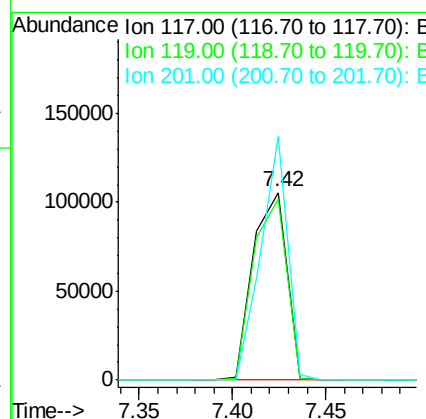
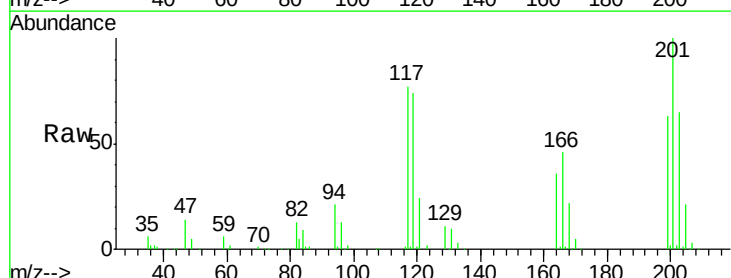
Manual Integrations
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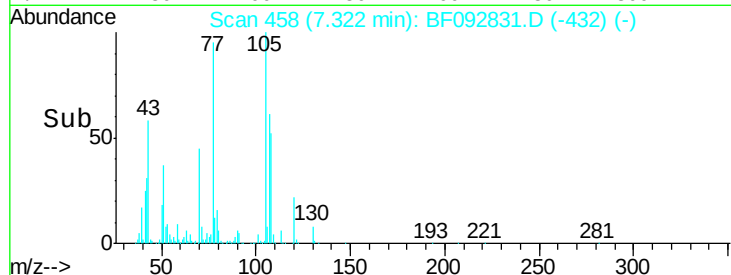
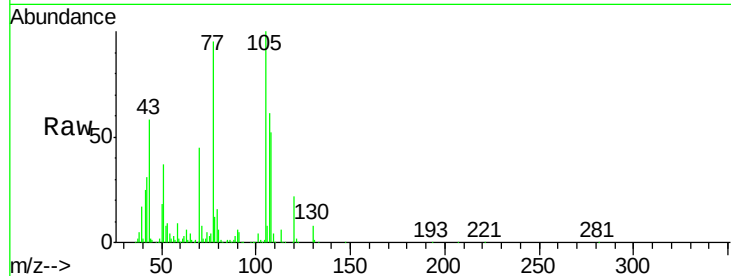
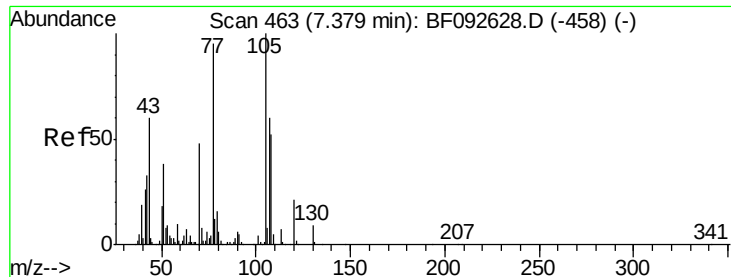
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#18
Hexachloroethane
Concen: 28.82 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		131888		
119	96.5	78.1	117.1		
201	129.6	78.6	117.8#		





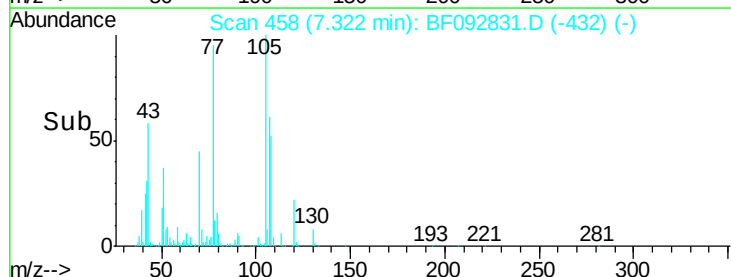
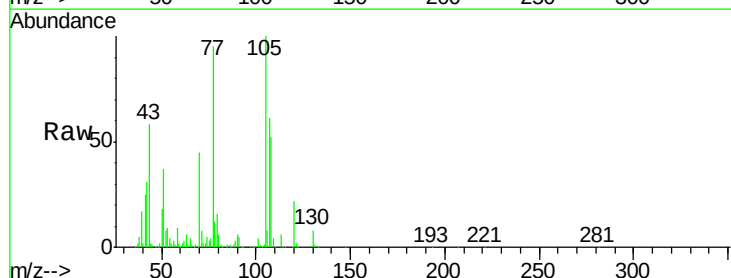
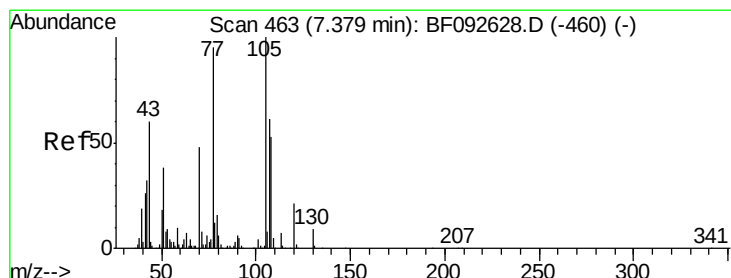
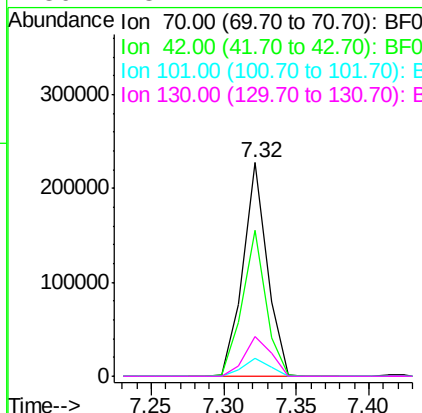
#19
n-Nitroso-di-n-propylamine
Concen: 31.55 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	49.4	74.0
101	8.6	7.4	11.2
130	18.7	14.2	21.4

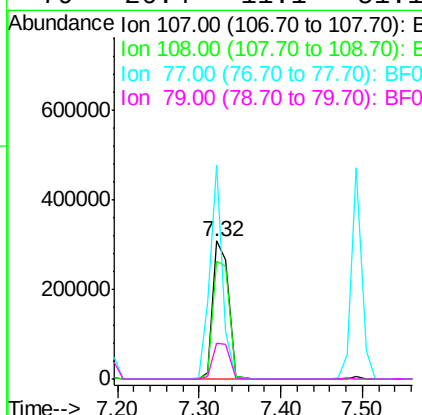
Manual Integrations
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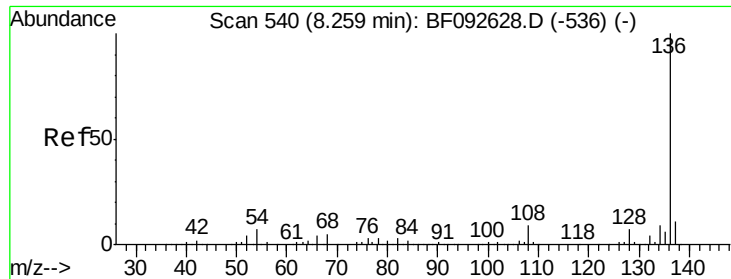
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#20
3+4-Methylphenols
Concen: 35.61 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	73.0	113.0
77	154.8	71.3	111.3#
79	26.4	11.1	51.1





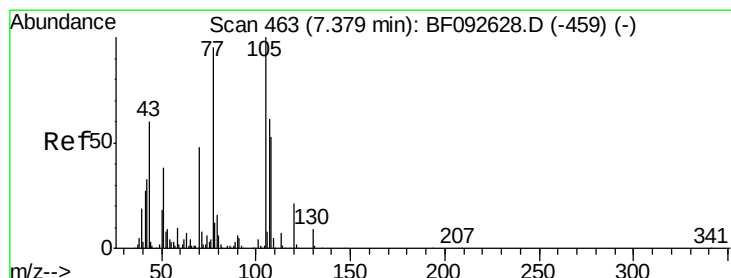
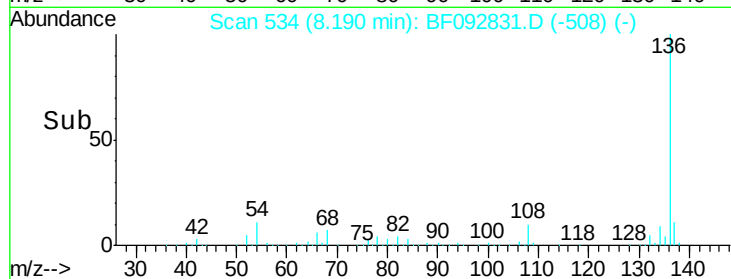
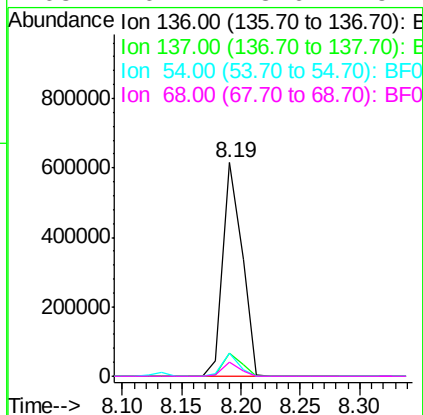
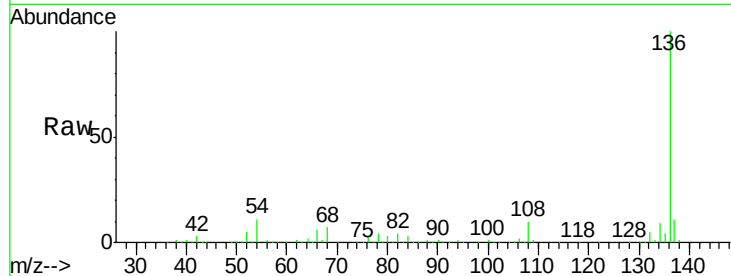
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	685465		
137	11.0	8.4	12.6	
54	11.0	4.5	6.7#	
68	6.7	3.6	5.4#	

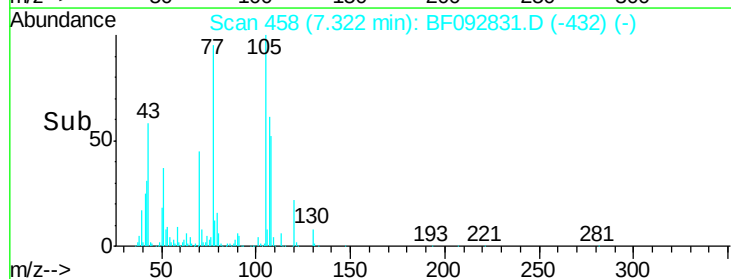
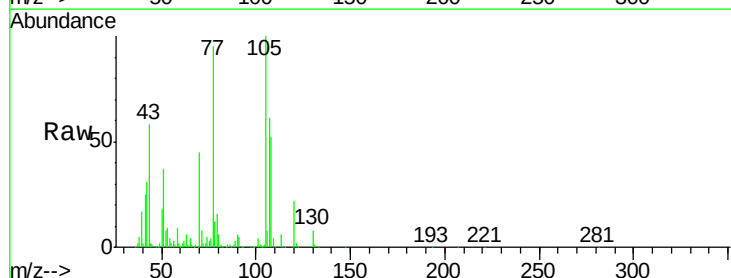
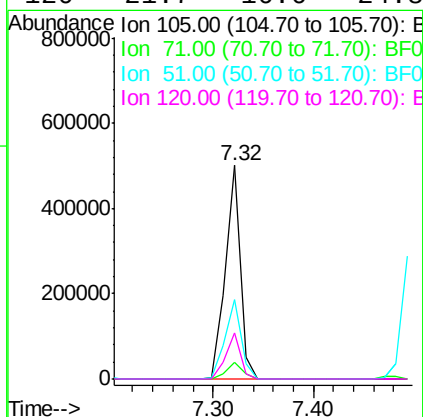
Manual Integrations
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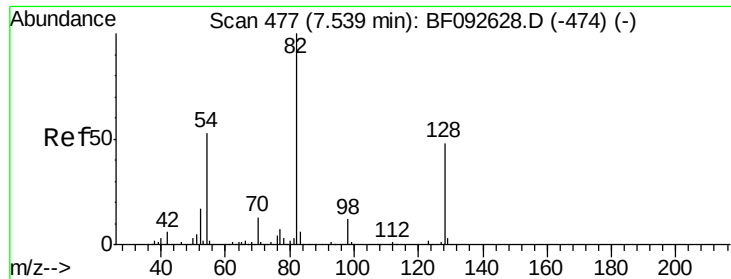
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#22
Acetophenone
Concen: 33.17 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519153		
71	7.8	3.2	4.8#	
51	37.4	26.2	39.4	
120	21.7	16.6	24.8	





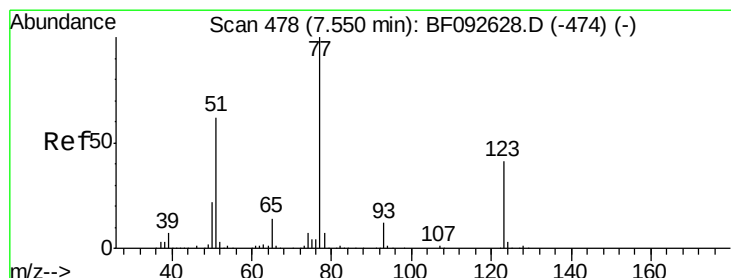
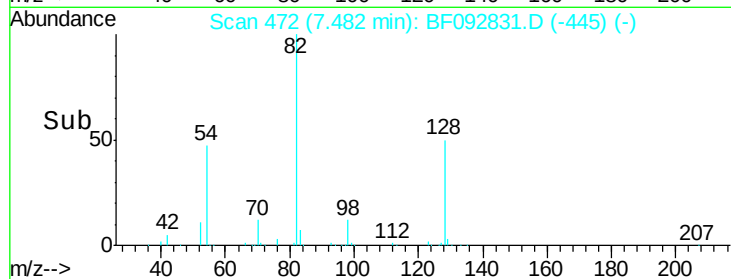
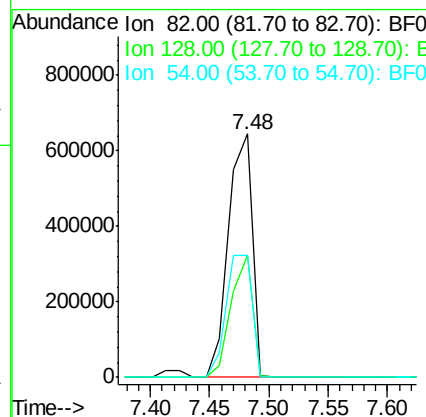
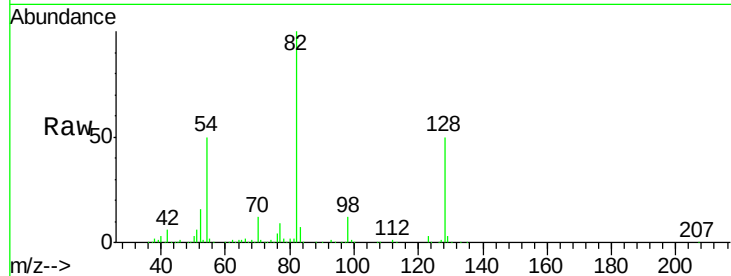
#23
 Nitrobenzene-d5
 Concen: 72.80 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.9	34.6	52.0	
54	50.4	39.5	59.3	

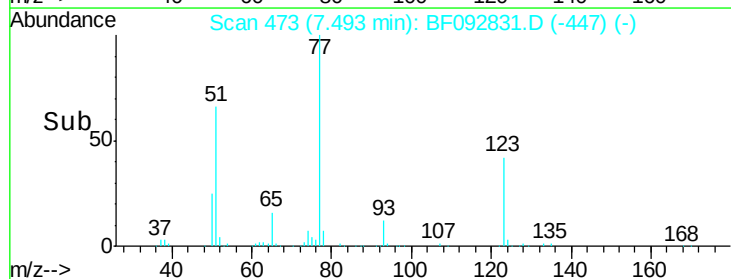
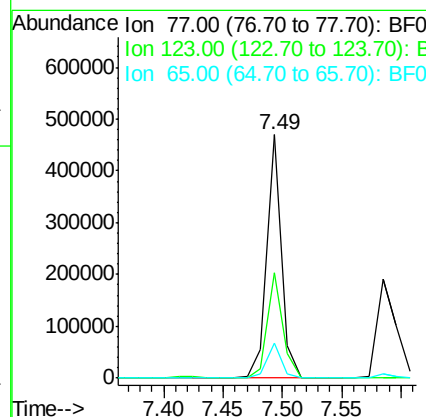
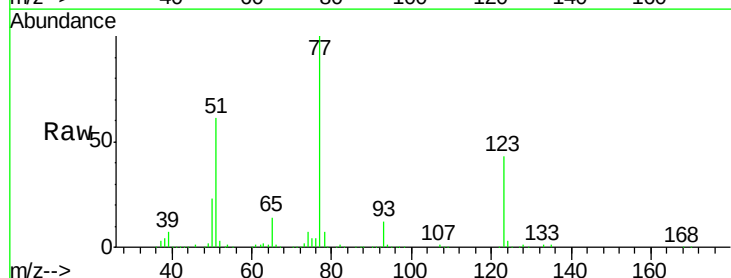
Manual Integrations
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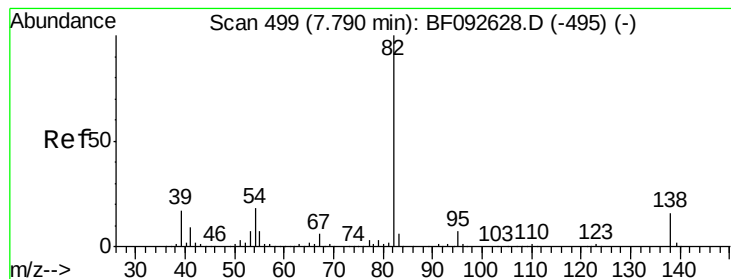
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#24
 Nitrobenzene
 Concen: 32.06 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.4	33.0	49.4	
65	14.3	11.2	16.8	





#25

Isophorone

Concen: 33.66 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

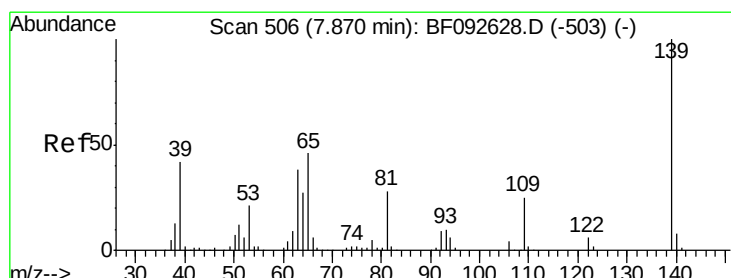
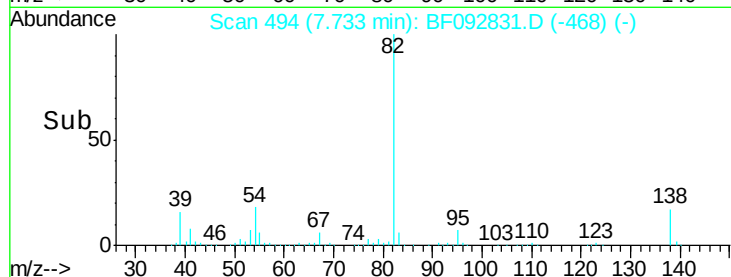
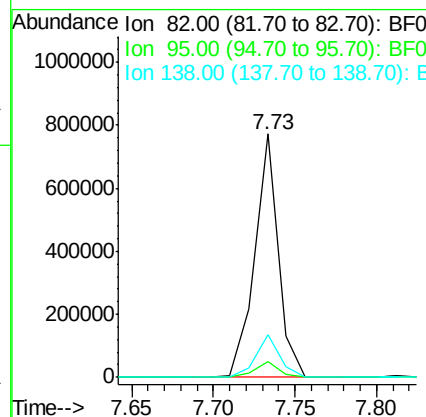
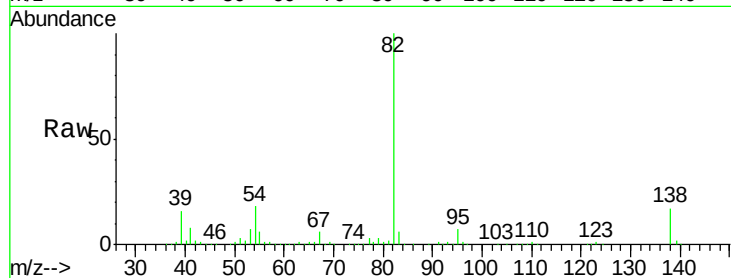
ClientSampled :

PB96775BS

Tot Ion:	82	Resp:	772161
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	17.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.14 ng

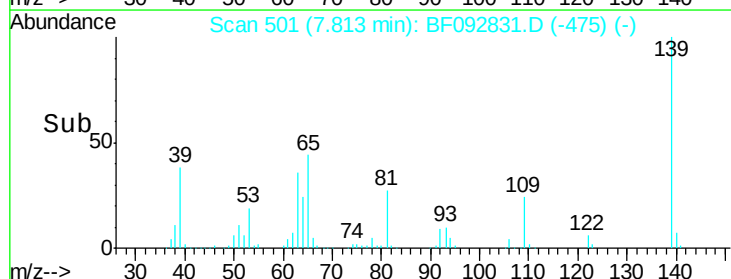
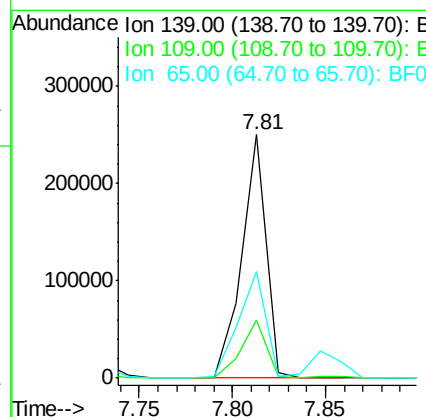
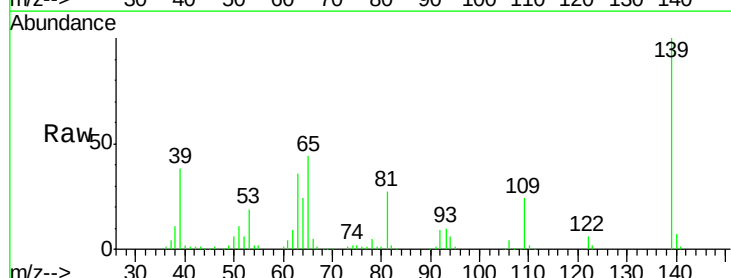
RT: 7.81 min Scan# 501

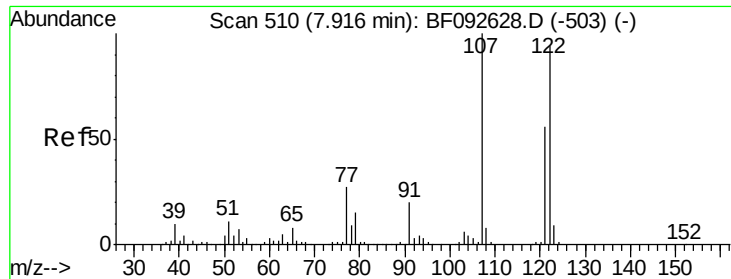
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	139	Resp:	229135
Ion Ratio	Lower	Upper	
139	100		
109	23.7	23.3	34.9
65	43.6	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 35.49 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

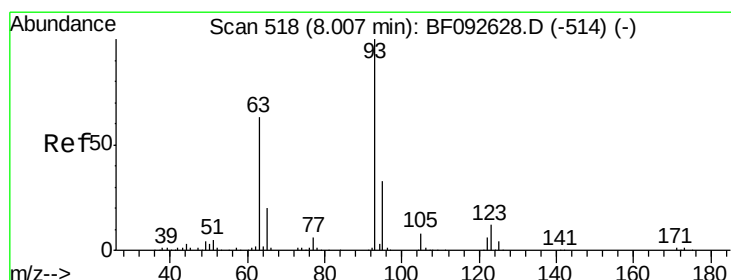
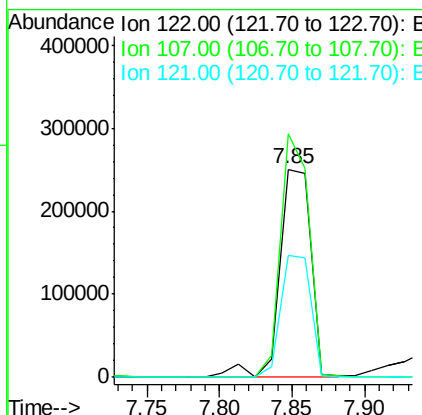
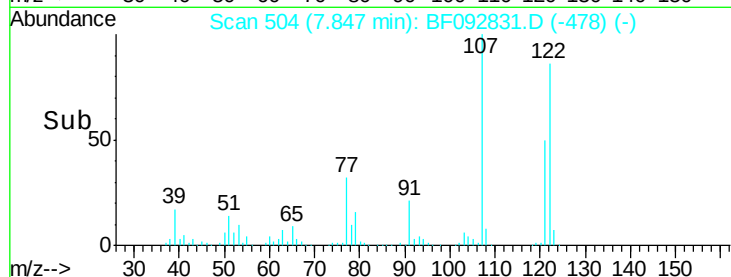
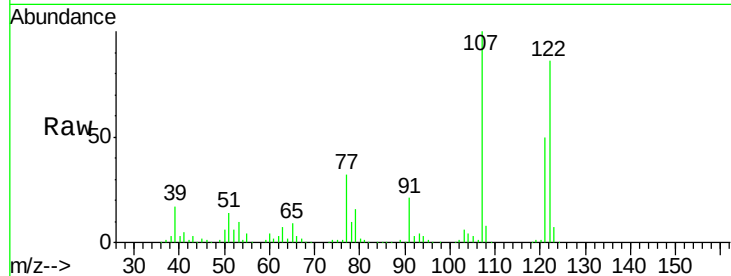
ClientSampleId :

PB96775BS

Tot Ion:	122	Resp:	374530
Ion Ratio	Lower	Upper	
122	100		
107	116.9	94.1	141.1
121	58.5	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 32.54 ng

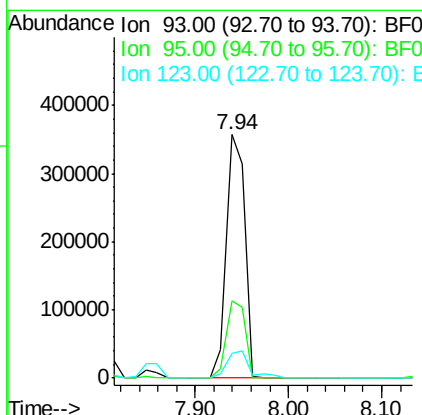
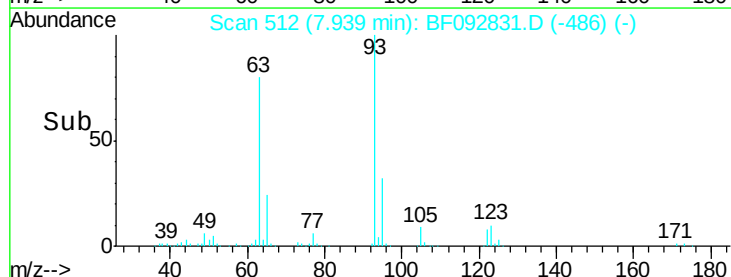
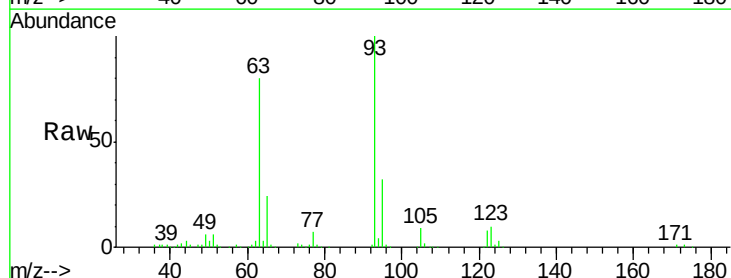
RT: 7.94 min Scan# 512

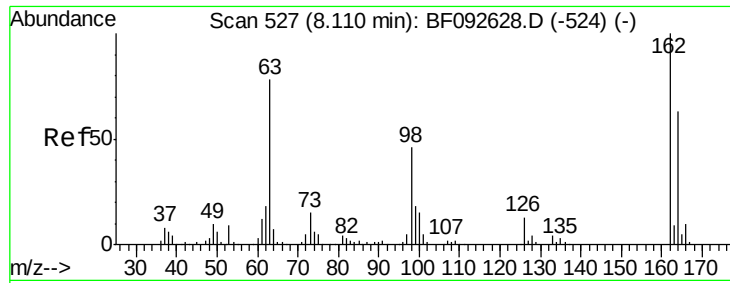
Delta R.T. -0.00 min

Lab File: BF092831.D

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Tgt Ion:	93	Resp:	494377
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.5	39.7
123	10.1	8.6	13.0





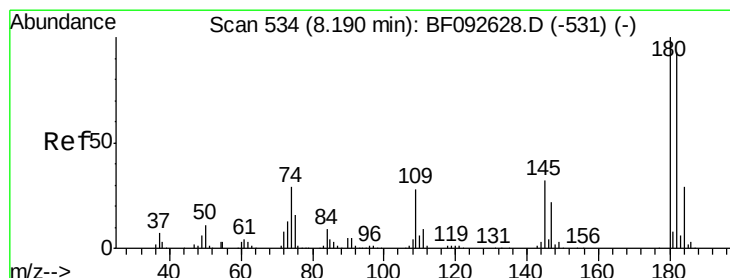
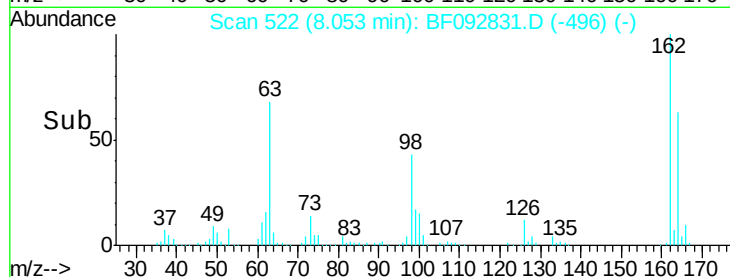
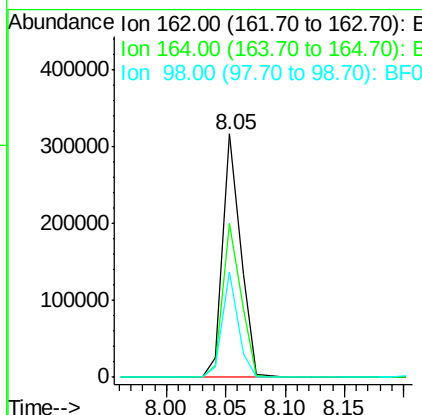
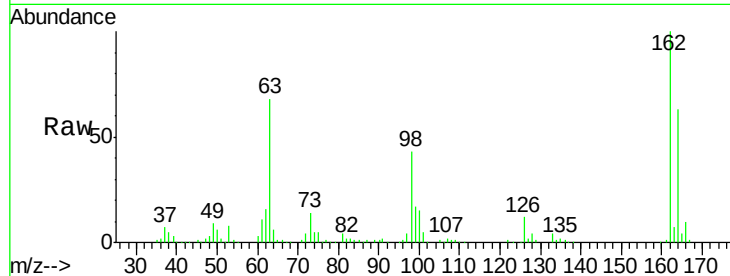
#29
 2,4-Dichlorophenol
 Concen: 33.72 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		331862		
164	63.2	46.8	86.8		
98	43.0	9.1	49.1		

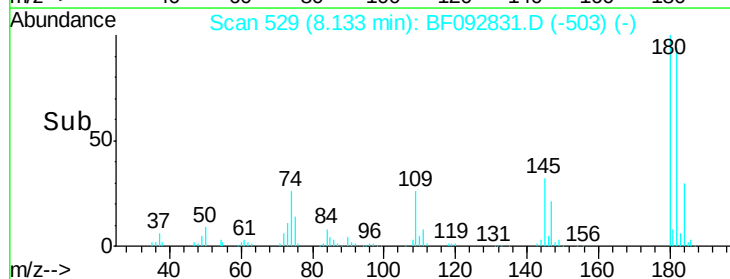
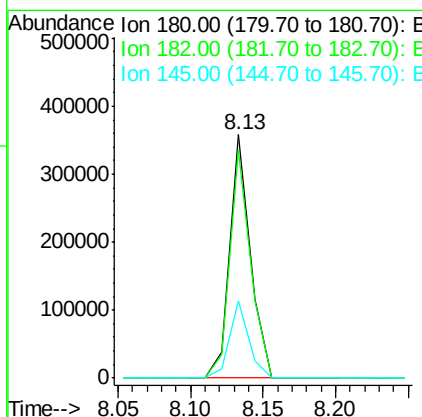
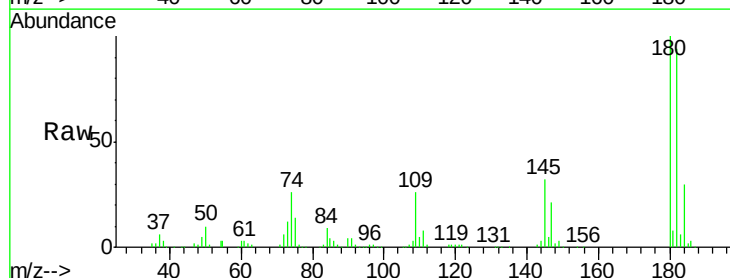
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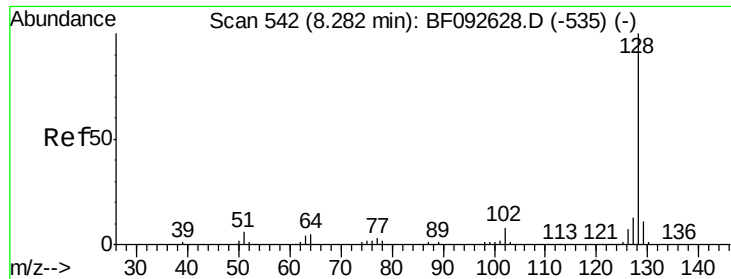
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.14 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		351458		
182	93.7	78.2	117.4		
145	31.8	21.6	32.4		





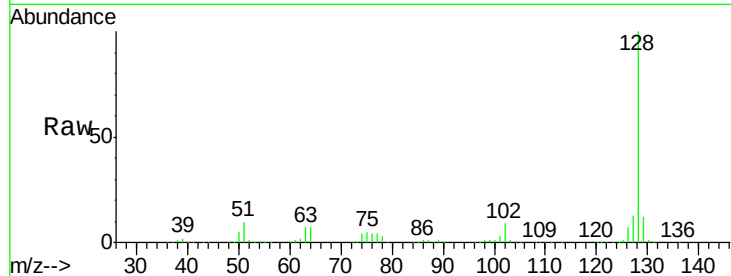
#31
Naphthalene
Concen: 30.72 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

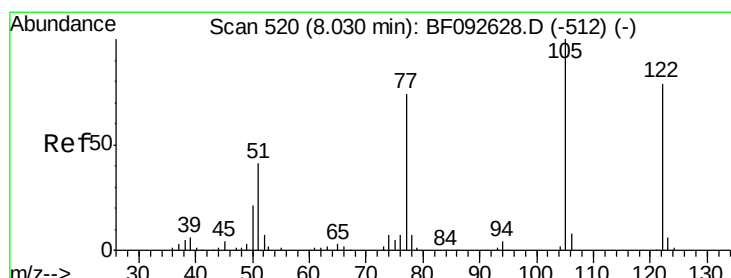
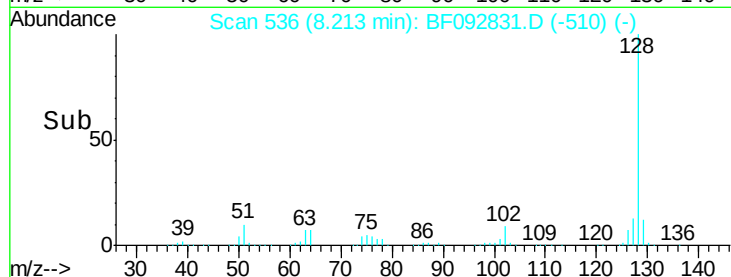
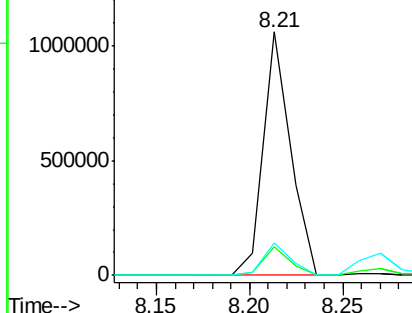
Tot Ion:128 Resp: 1067465
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 10.8 16.2

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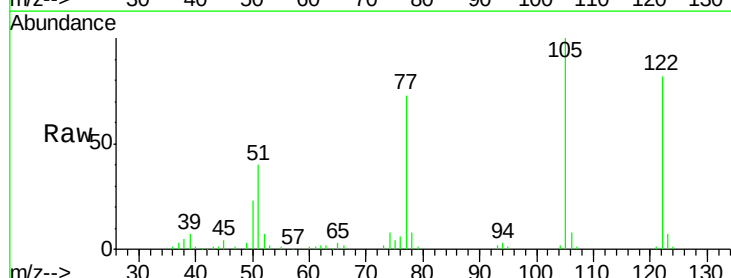


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

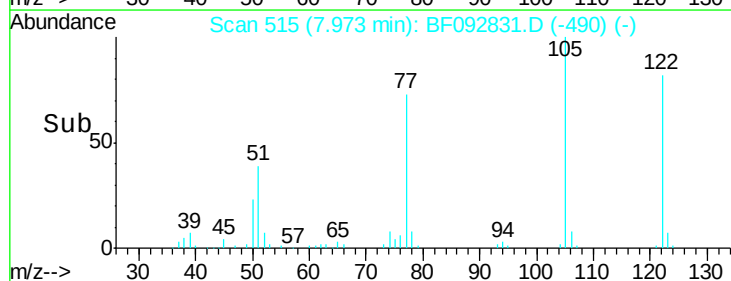
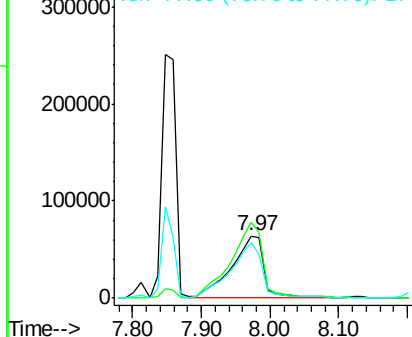


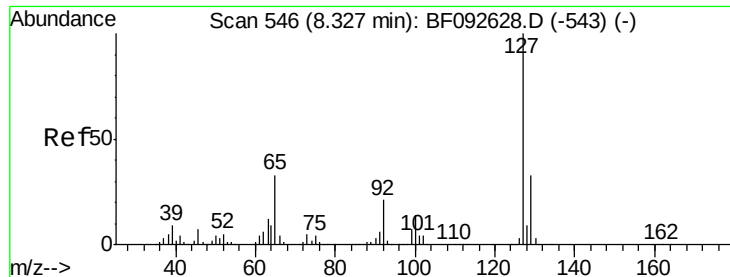
#32
Benzoic acid
Concen: 36.66 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:122 Resp: 207262
Ion Ratio Lower Upper
122 100
105 121.4 107.2 147.2
77 89.0 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





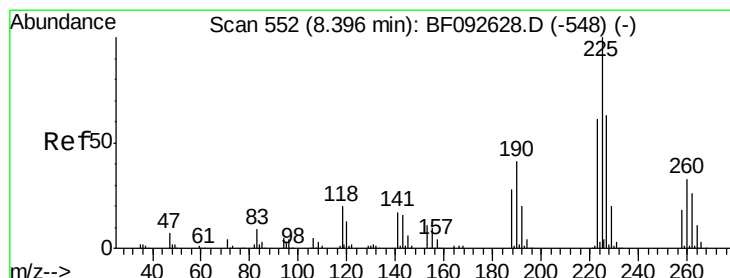
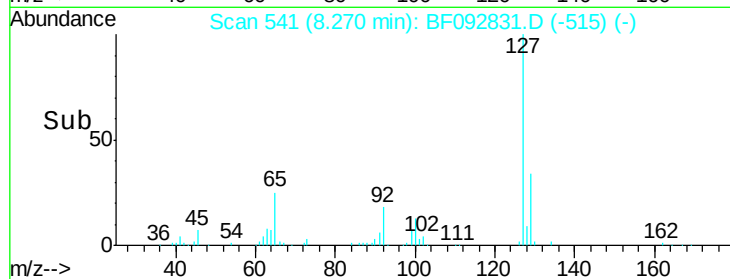
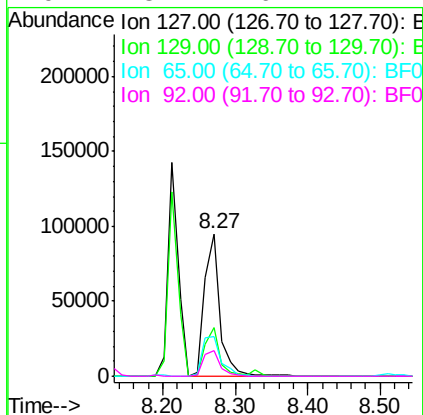
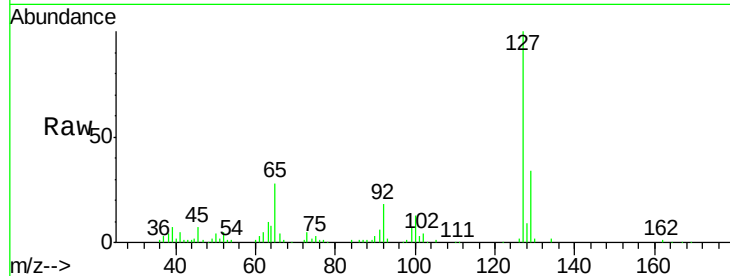
#33
4-Chloroaniline
Concen: 10.36 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB96775BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		141173		
129	33.8	26.3	39.5		
65	27.6	25.8	38.8		
92	18.1	16.1	24.1		

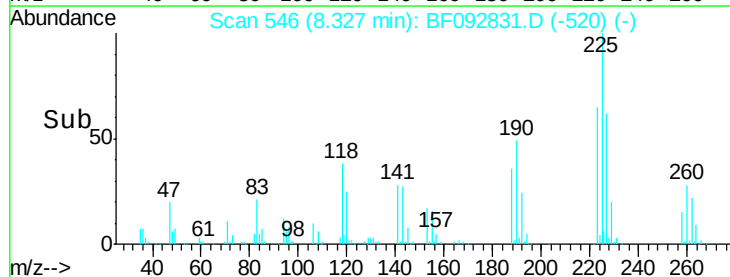
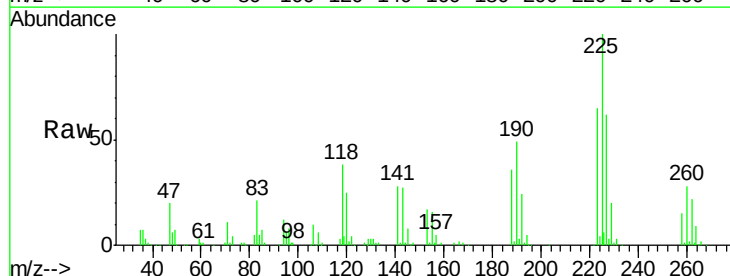
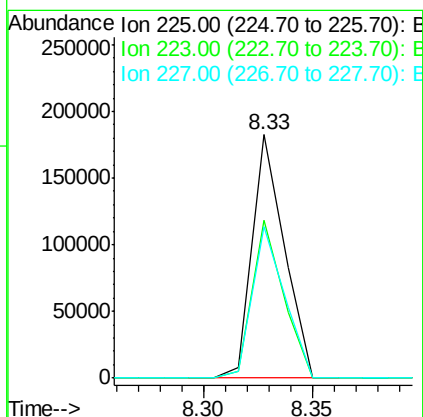
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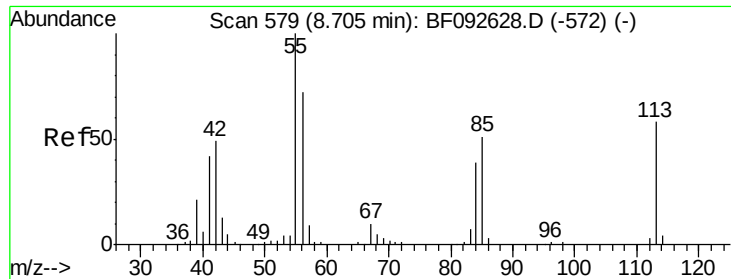
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#34
Hexachlorobutadiene
Concen: 32.09 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		187264		
223	64.8	51.0	76.6		
227	62.0	50.6	76.0		





#35

Caprolactam

Concen: 36.60 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

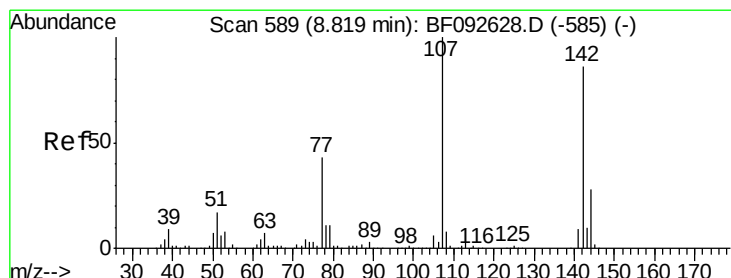
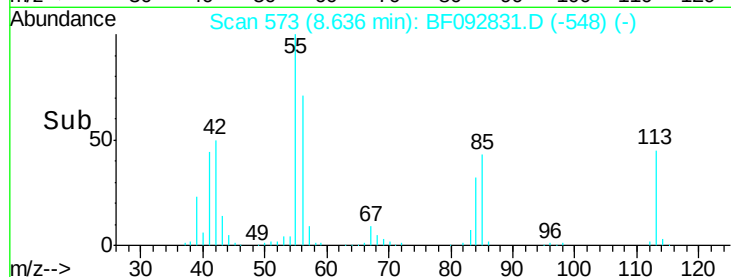
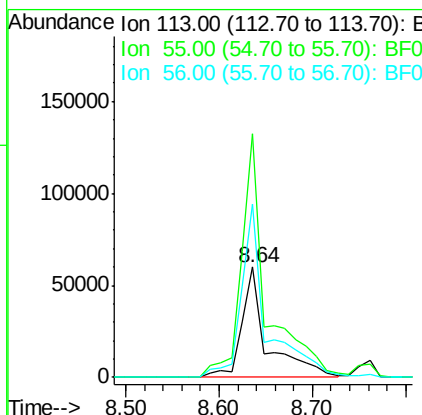
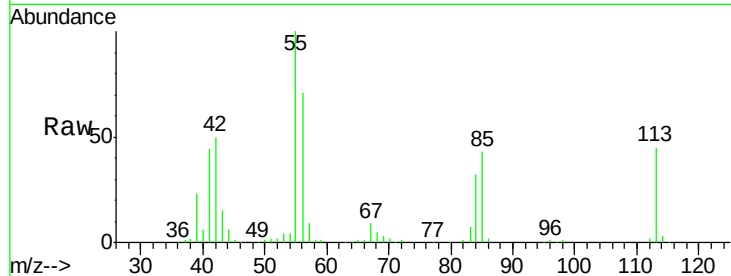
ClientSampleId :

PB96775BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.1	119.2	159.2#
56	157.8	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 37.48 ng

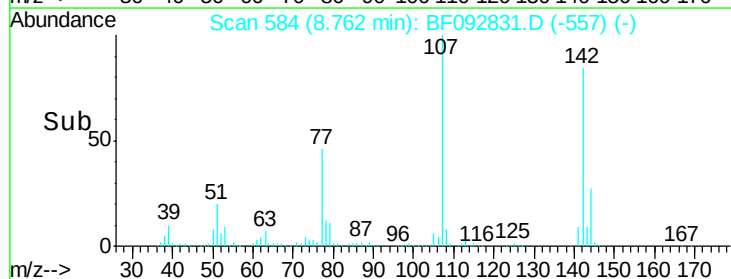
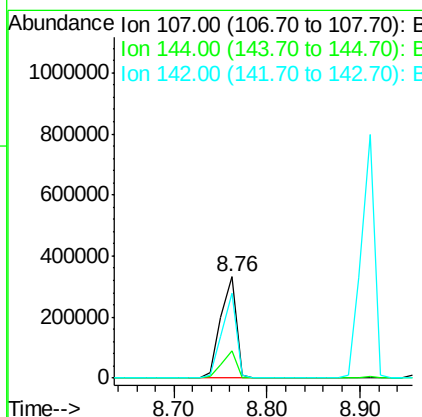
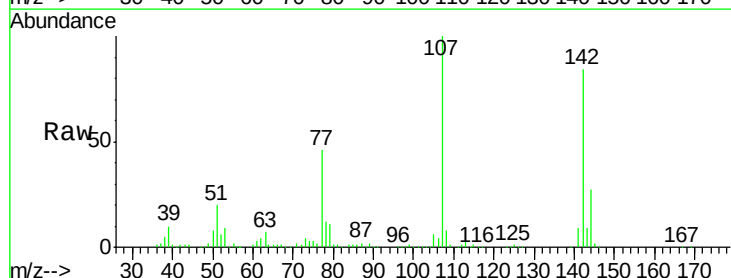
RT: 8.76 min Scan# 584

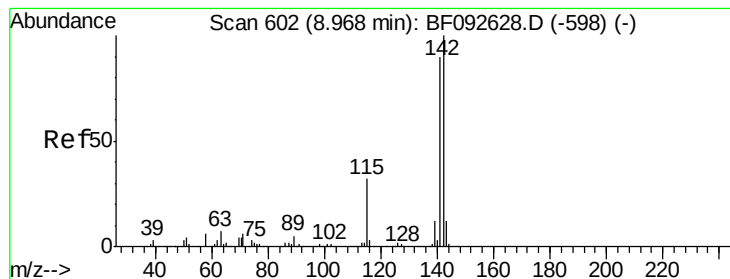
Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	19.3	28.9
142	84.5	59.0	88.6





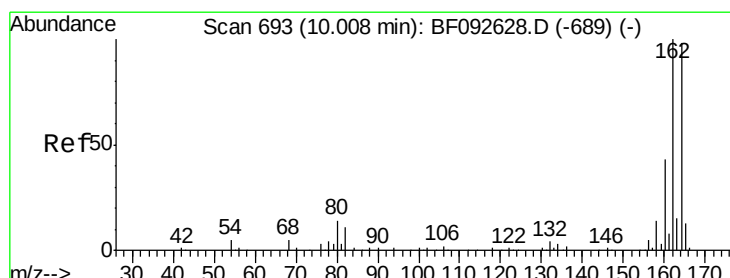
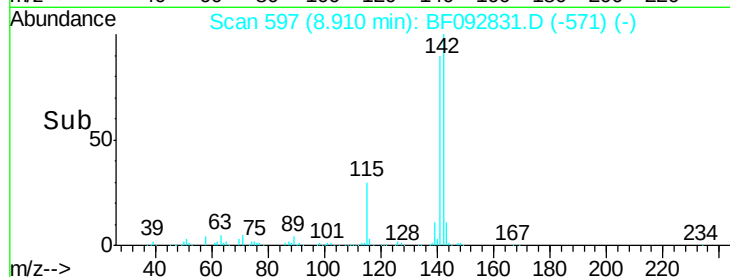
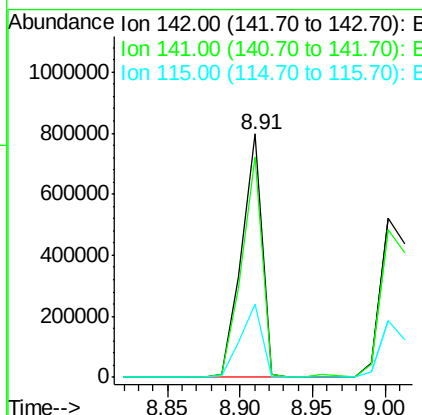
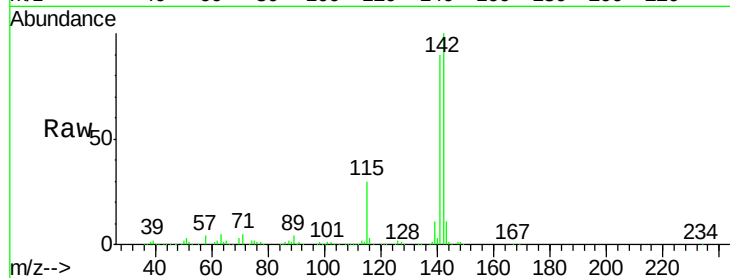
#37
2-Methylnaphthalene
Concen: 35.46 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	30.1	28.3	42.5

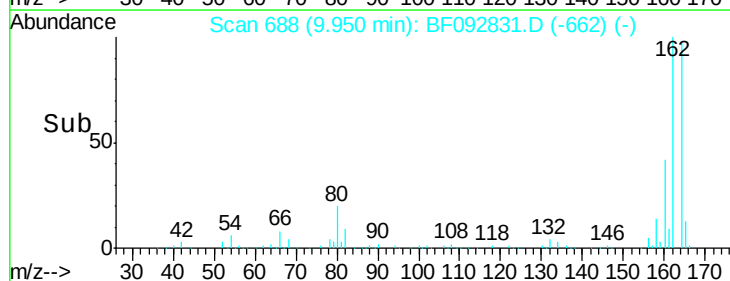
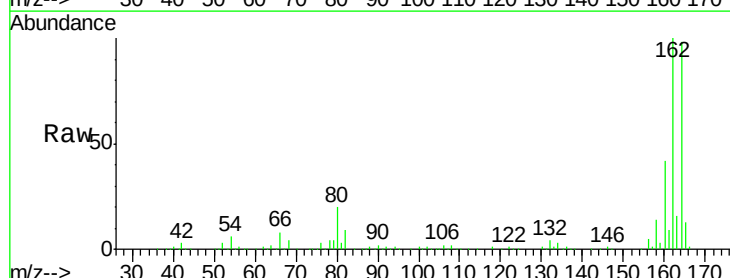
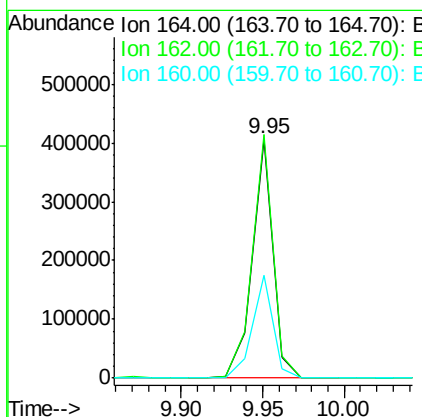
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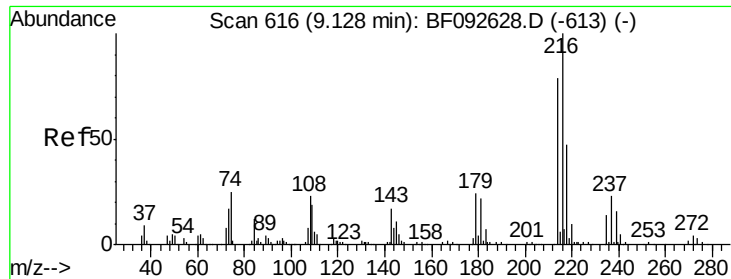
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	43.0	36.9	55.3





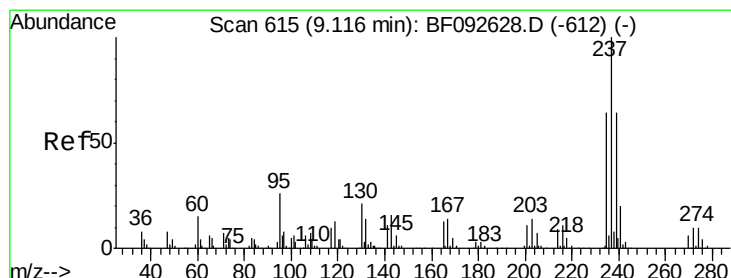
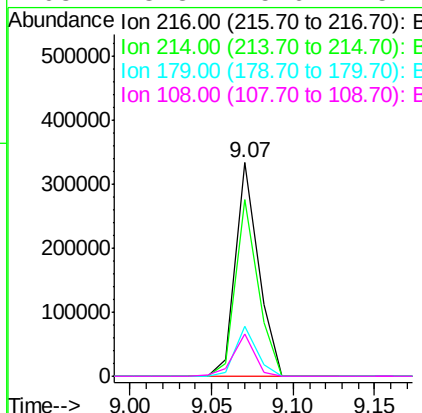
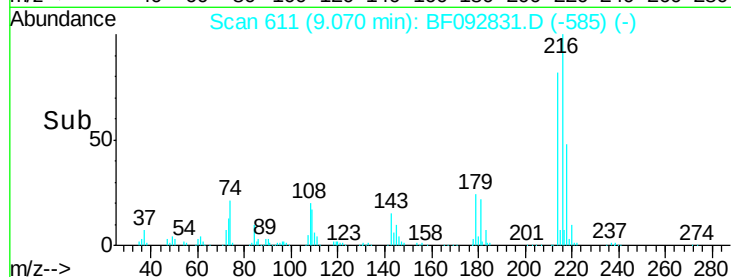
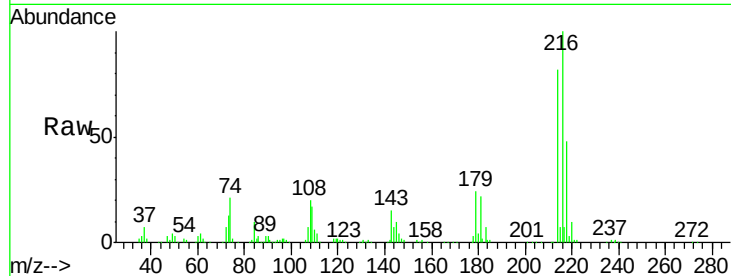
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.11 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		323270		
214	80.5		63.4	95.0	
179	21.9		17.4	26.2	
108	18.3		15.6	23.4	

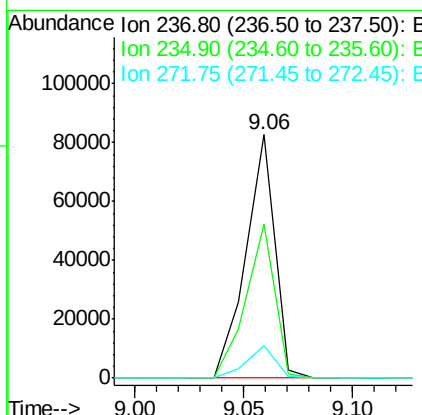
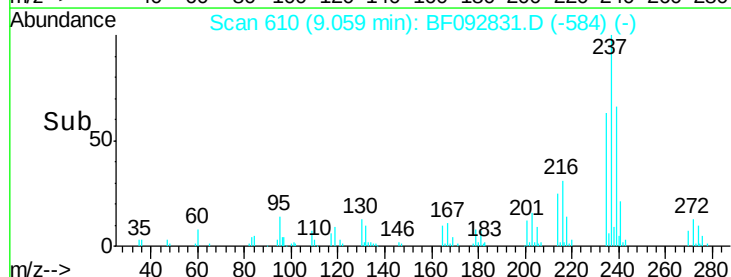
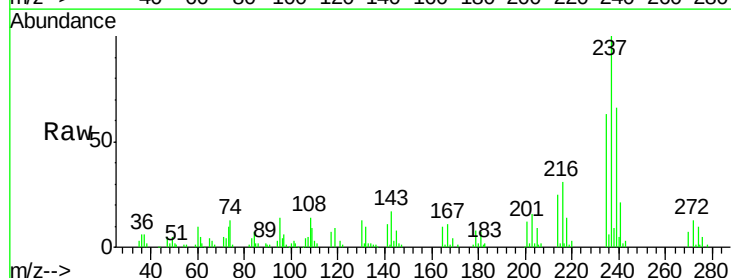
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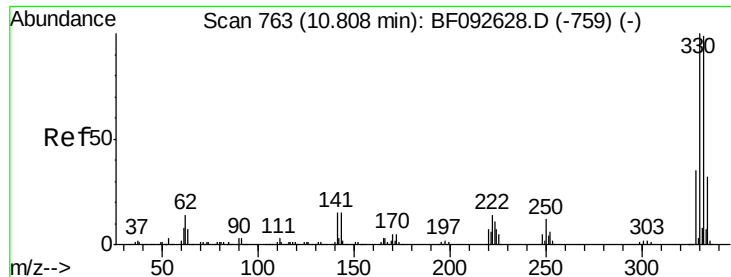
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#40
 Hexachlorocyclopentadiene
 Concen: 16.81 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		76341		
235	63.2		41.2	81.2	
272	13.1		0.0	35.4	





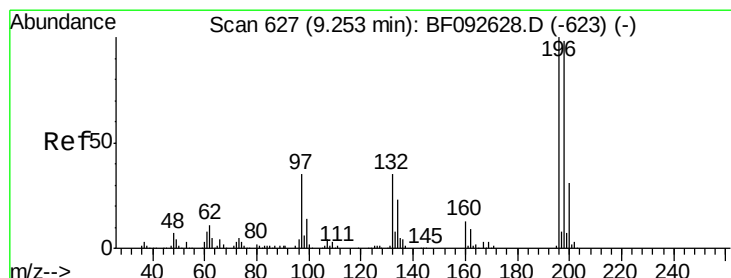
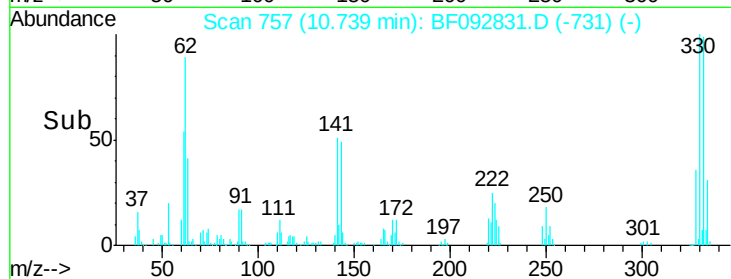
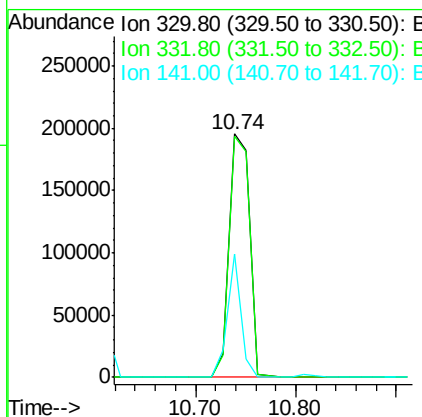
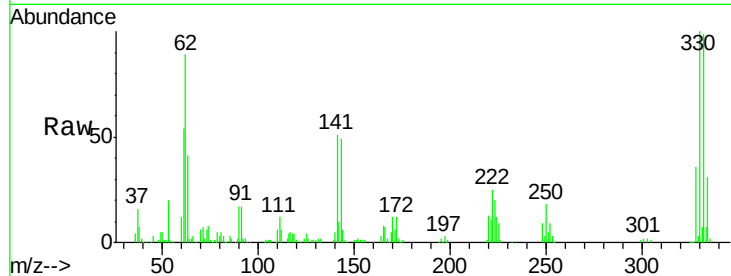
#41
 2,4,6-Tribromophenol
 Concen: 106.65 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276639		
332	99.1	77.4	116.2	
141	34.0	34.1	51.1#	

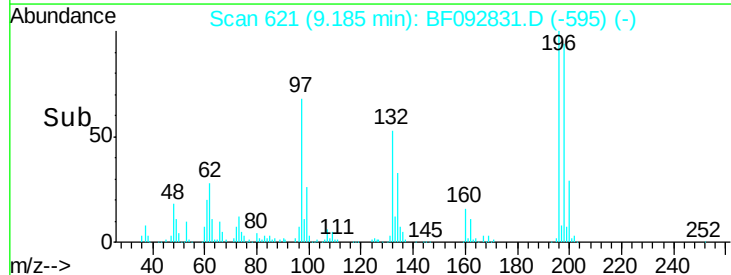
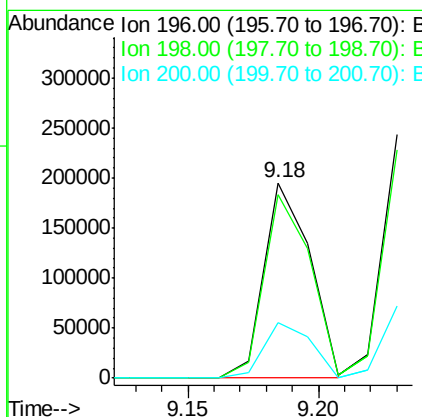
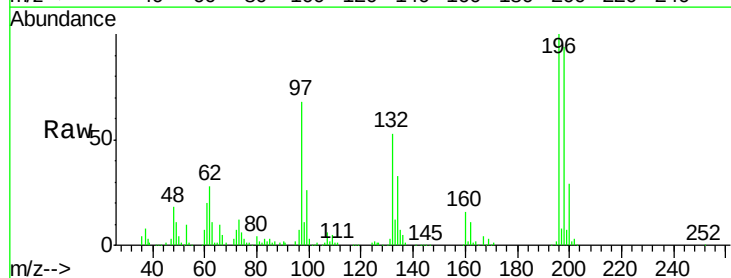
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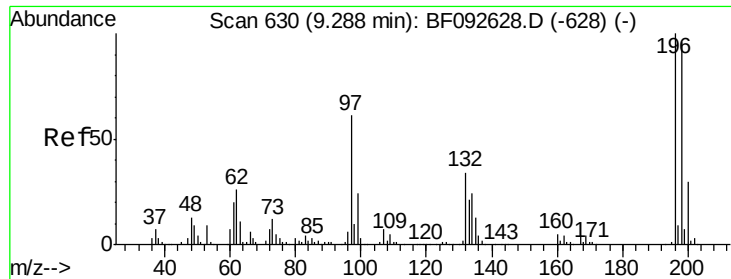
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#42
 2,4,6-Trichlorophenol
 Concen: 36.17 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239255		
198	93.9	82.1	123.1	
200	28.6	27.0	40.4	





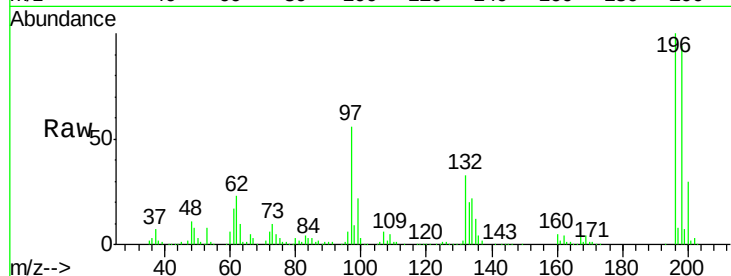
#43
 2,4,5-Trichlorophenol
 Concen: 33.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

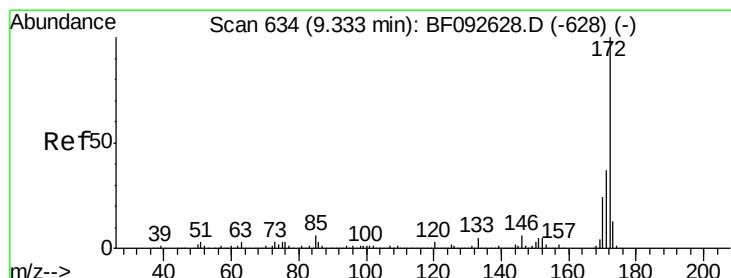
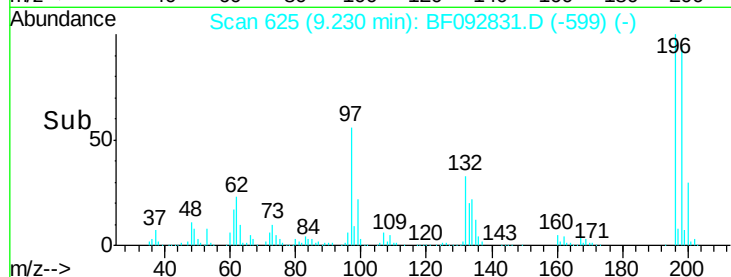
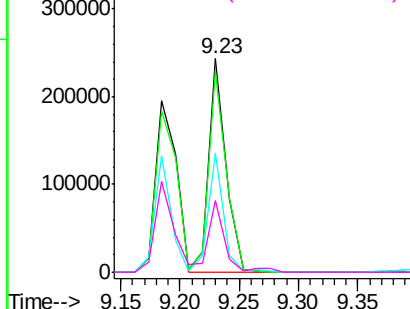
Tot Ion:	196	Resp:	245197
Ion Ratio	Lower	Upper	
196	100		
198	94.0	79.4	119.2
97	55.7	51.5	77.3
132	33.4	27.4	41.2

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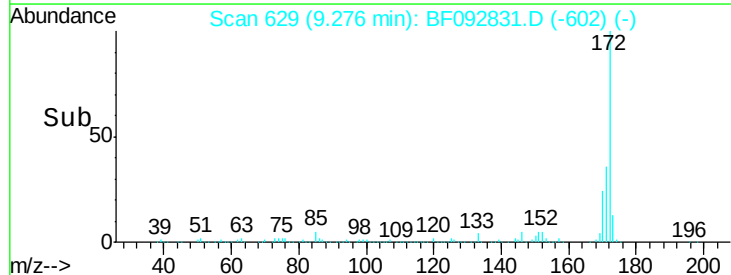
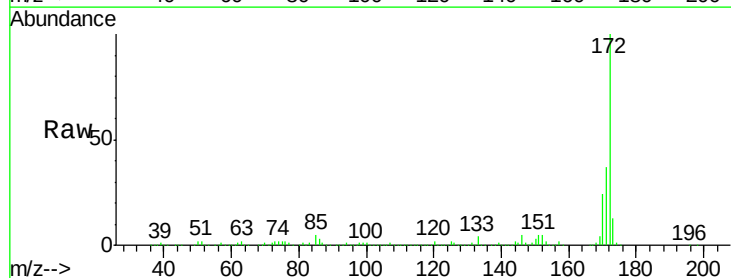
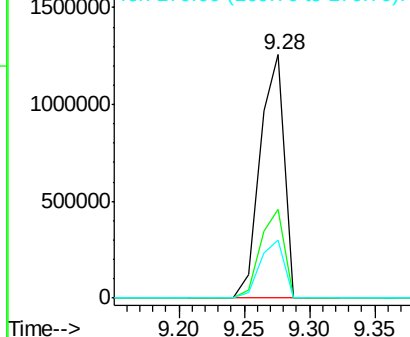
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

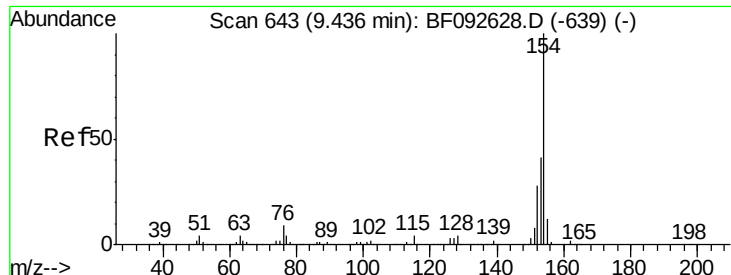


#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:	172	Resp:	1612578
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.1	20.2	30.4

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





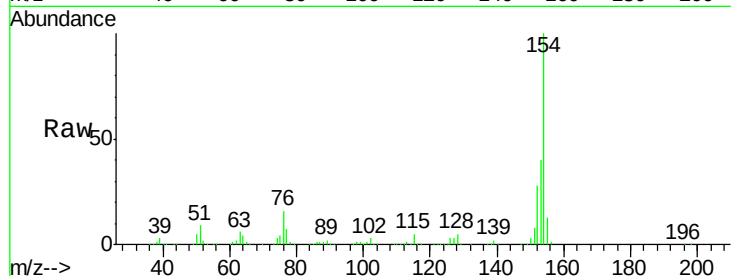
#45
1,1'-Biphenyl
Concen: 33.31 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

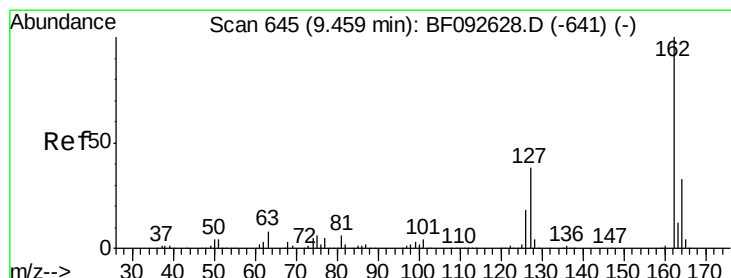
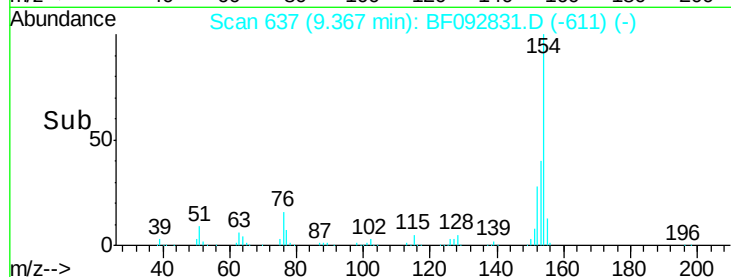
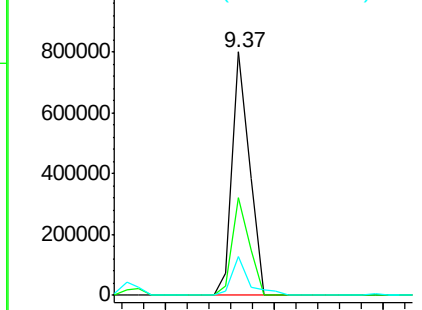
Tot Ion:	154	Resp:	864922
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.9	60.9
76	16.0	0.0	30.5

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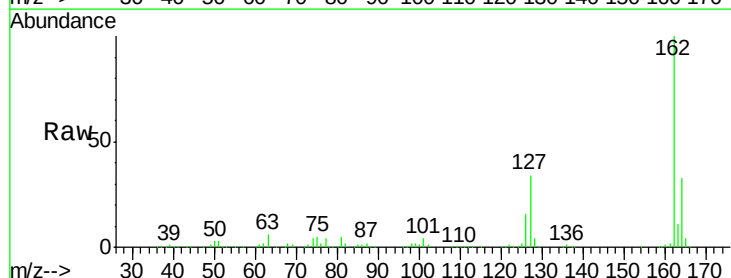


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

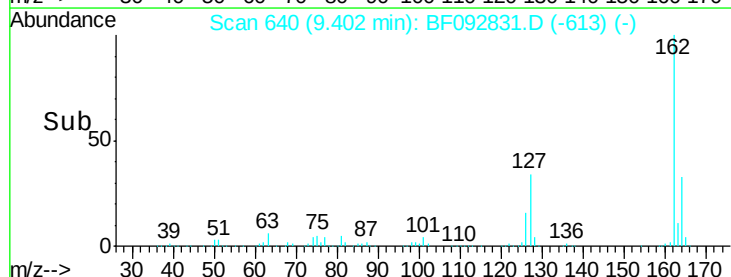
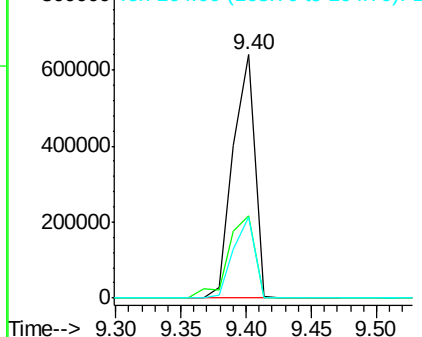


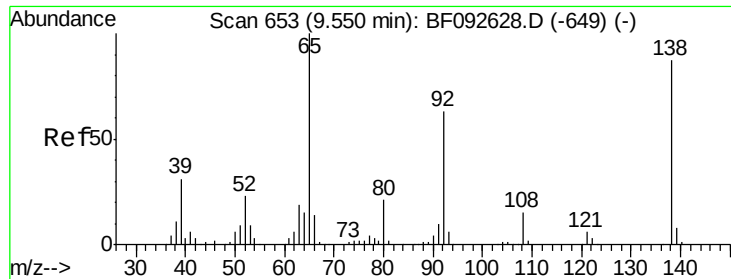
#46
2-Chloronaphthalene
Concen: 36.36 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:	162	Resp:	738683
Ion Ratio	Lower	Upper	
162	100		
127	34.0	30.7	46.1
164	33.3	27.6	41.4



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





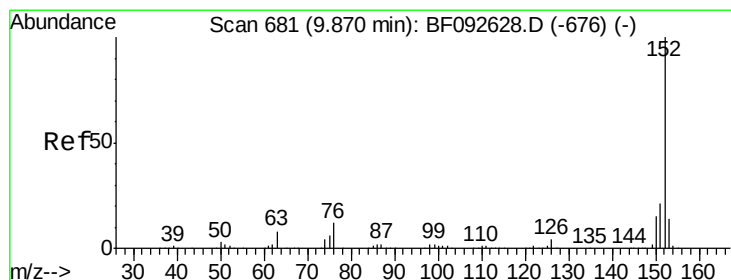
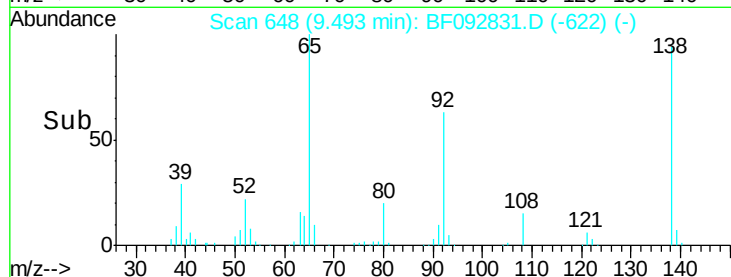
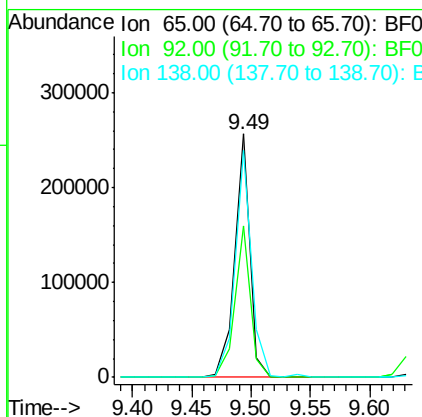
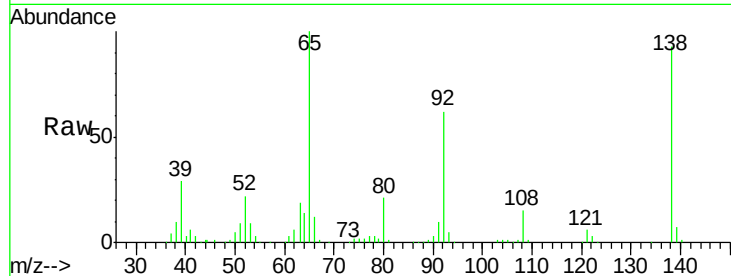
#47
2-Nitroaniline
Concen: 33.40 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.9	80.9
138	93.4	76.8	115.2

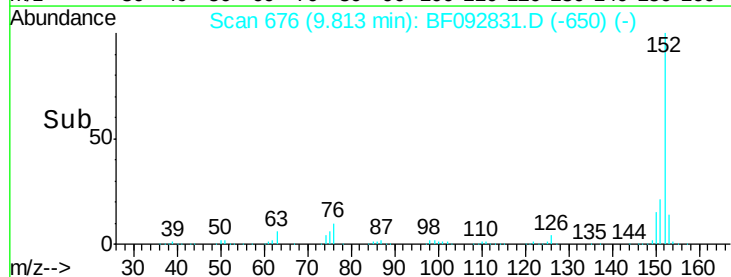
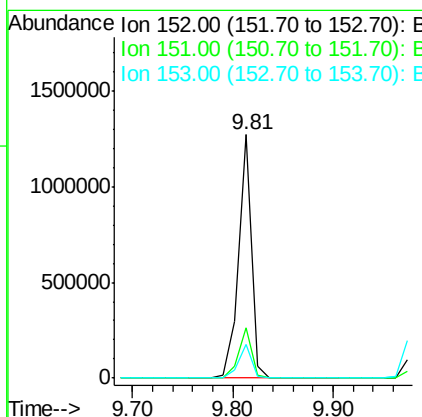
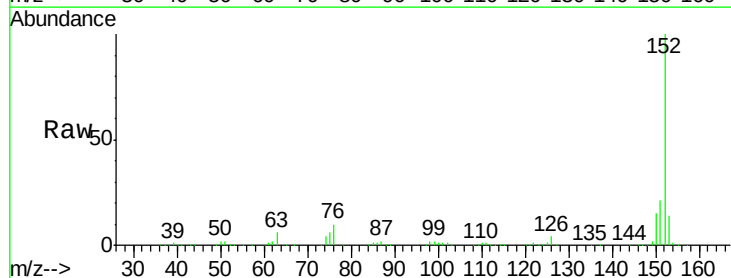
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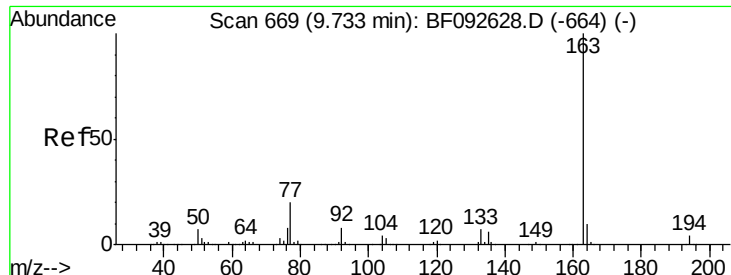
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#48
Acenaphthylene
Concen: 32.21 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.8	11.4	17.2





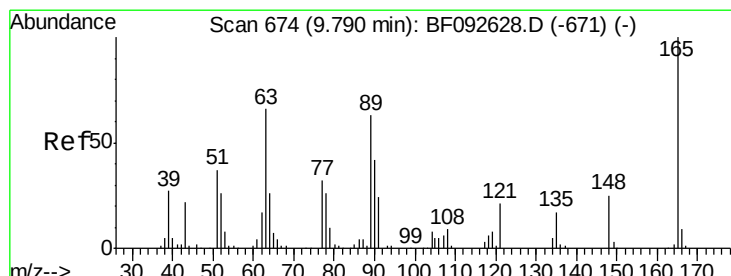
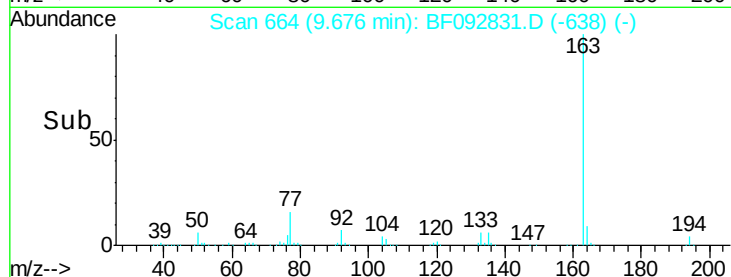
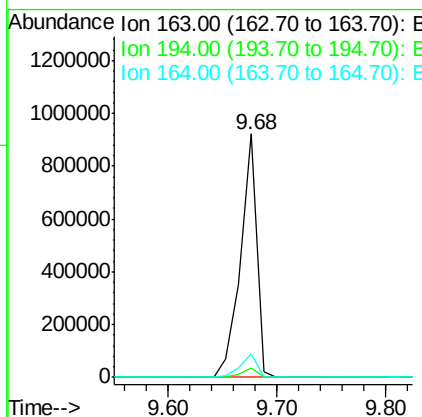
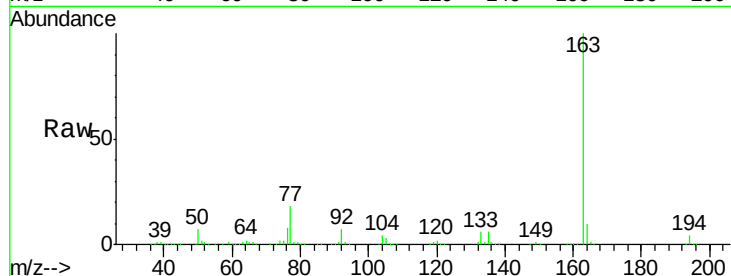
#49
Dimethylphthalate
Concen: 38.68 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	934254		
194	3.7		3.0	4.4
164	9.8		8.0	12.0

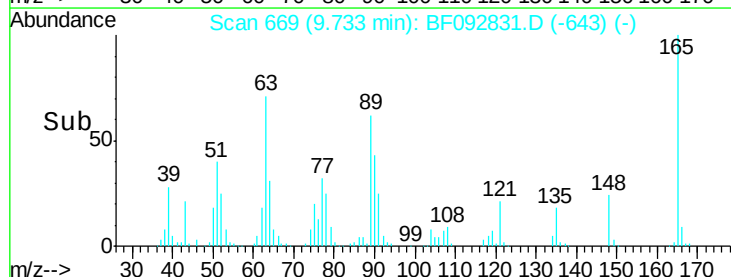
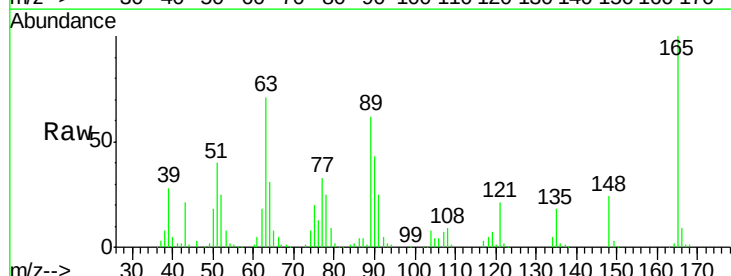
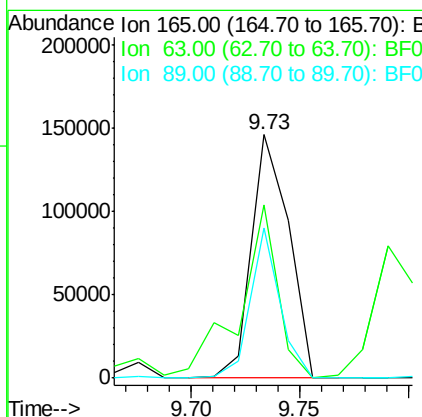
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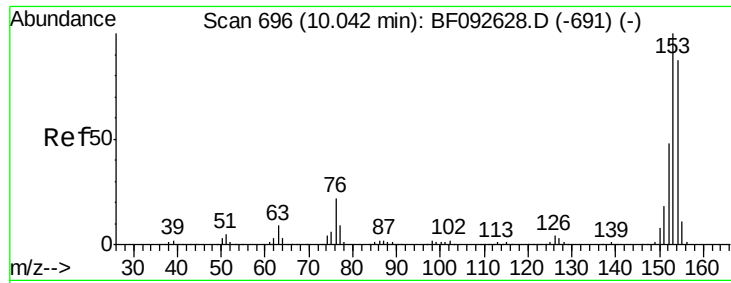
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#50
2,6-Dinitrotoluene
Concen: 33.50 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174783		
63	71.3		36.2	54.4#
89	61.9		40.2	60.4#





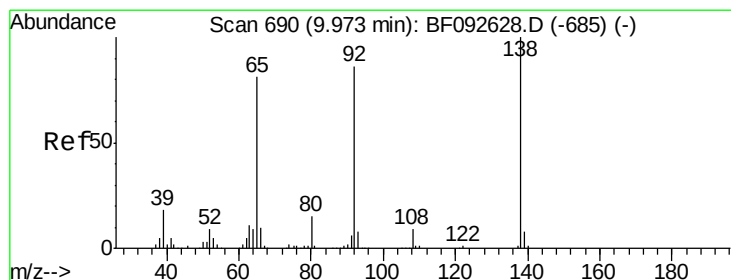
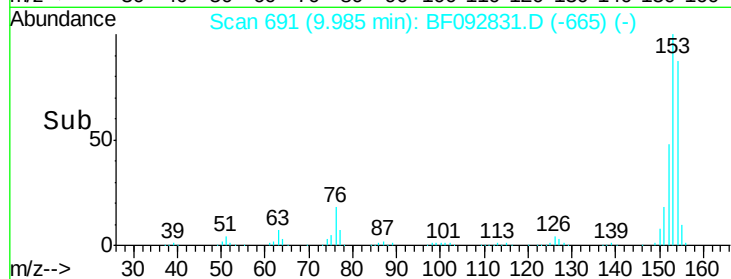
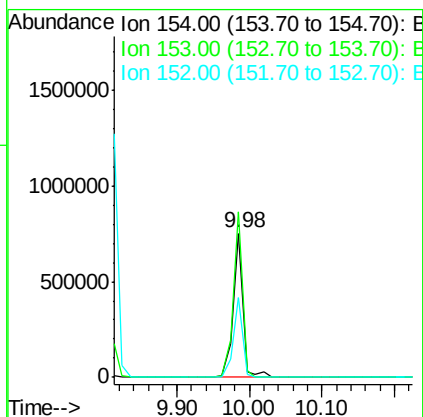
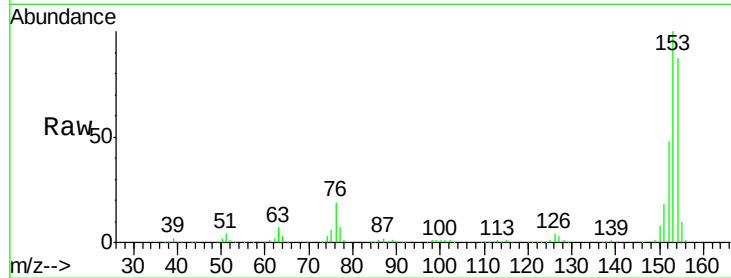
#51
Acenaphthene
Concen: 33.24 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.6	133.0
152	54.9	41.6	62.4

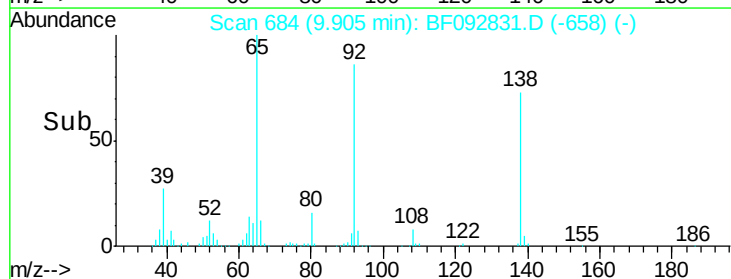
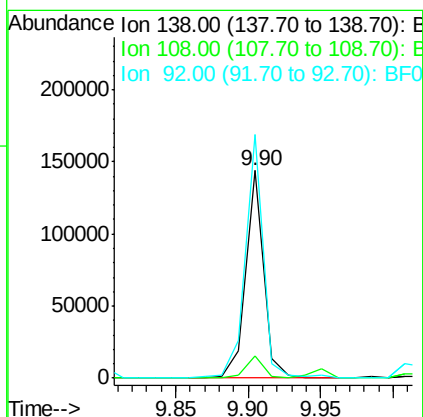
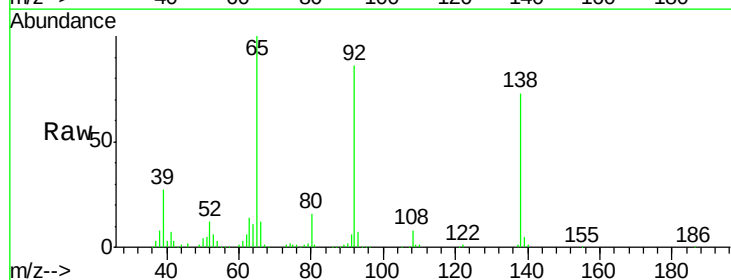
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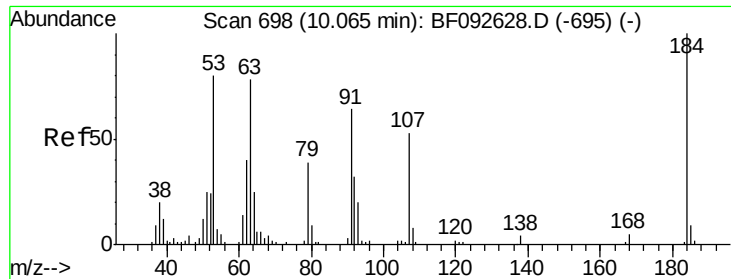
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#52
3-Nitroaniline
Concen: 20.85 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	117.3	97.8	146.8





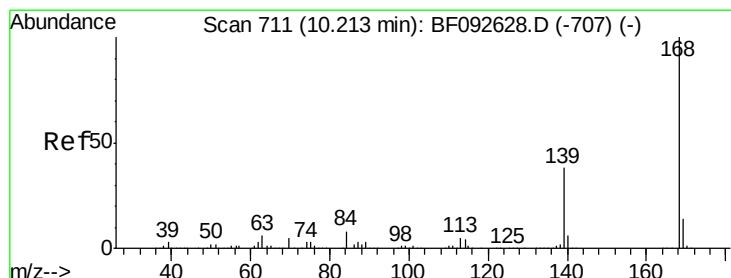
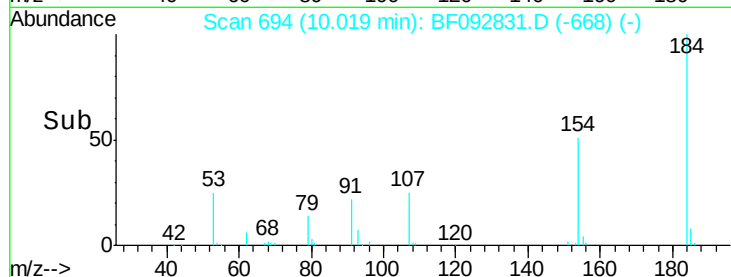
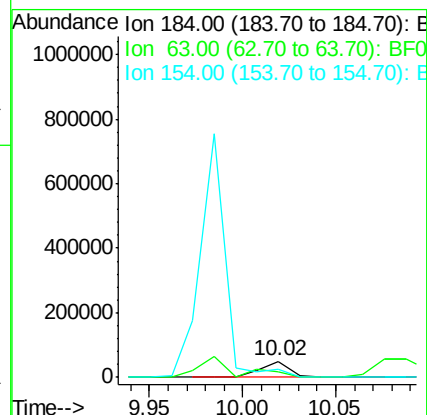
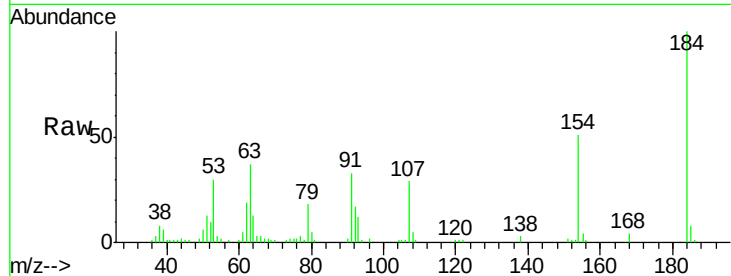
#53
2,4-Dinitrophenol
Concen: 23.75 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	36.8	28.4	42.6
154	51.1	44.3	66.5

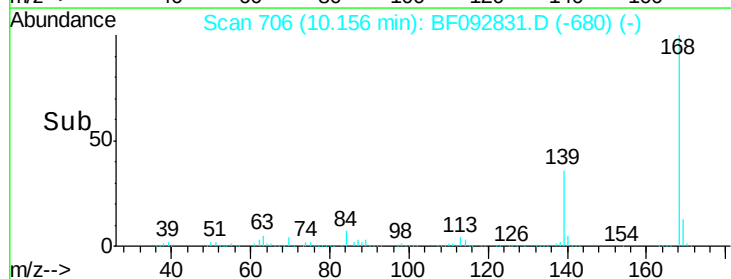
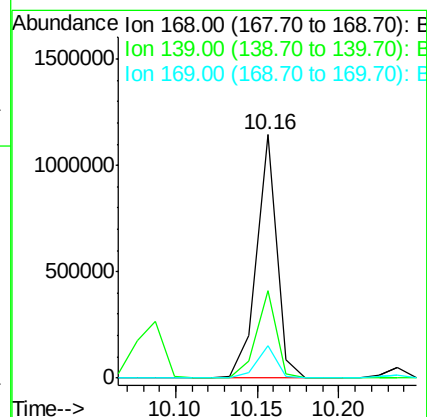
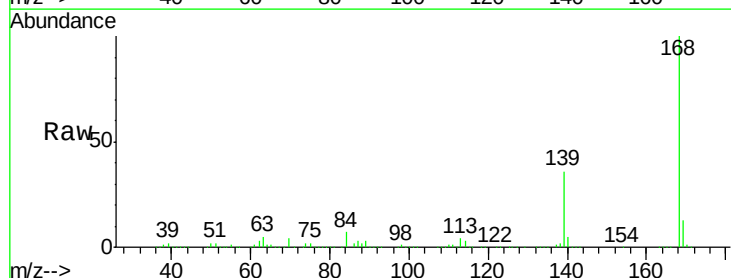
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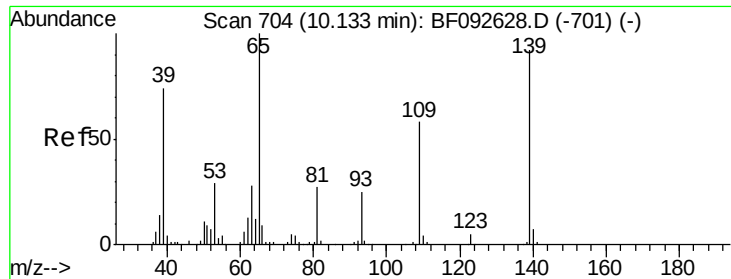
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#54
Dibenzofuran
Concen: 35.15 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	32.6	49.0
169	13.4	11.3	16.9





#55

4-Nitrophenol

Concen: 75.28 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampled :

PB96775BS

Tot Ion:139 Resp: 323690

Ion Ratio Lower Upper

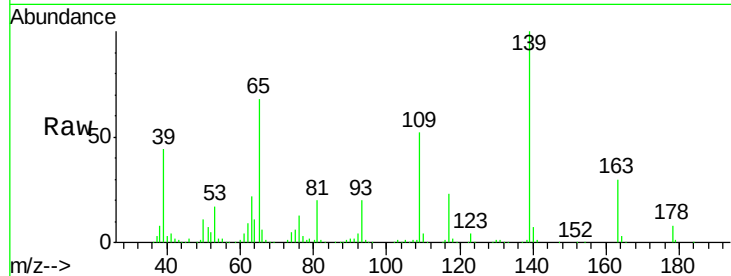
139 100

109 51.6 52.2 92.2#

65 67.7 85.8 125.8#

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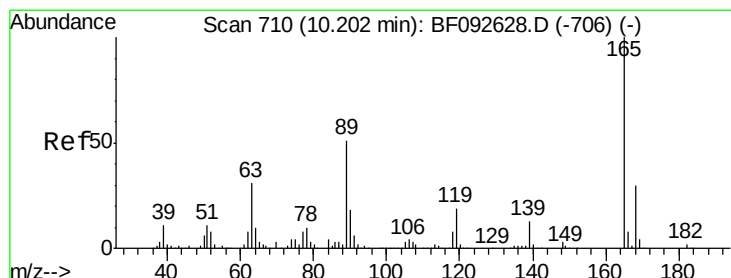
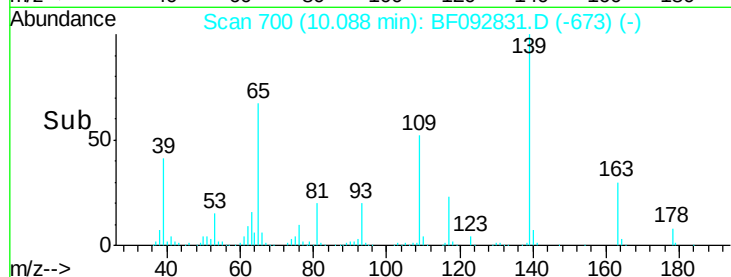
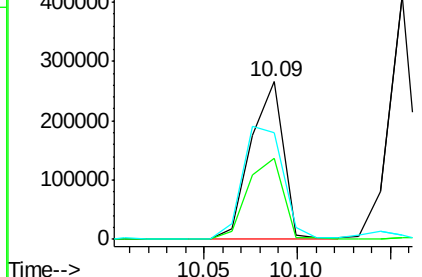
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.80 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:165 Resp: 262516

Ion Ratio Lower Upper

165 100

63 42.2 40.2 60.4

89 62.1 62.5 93.7#

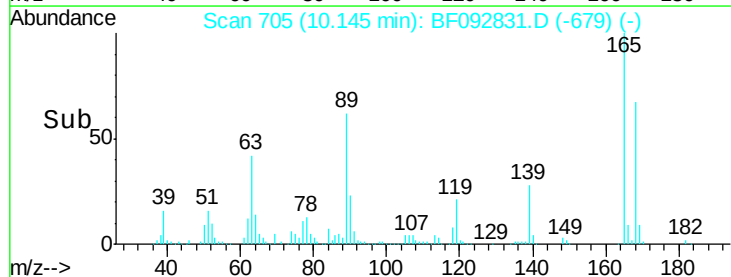
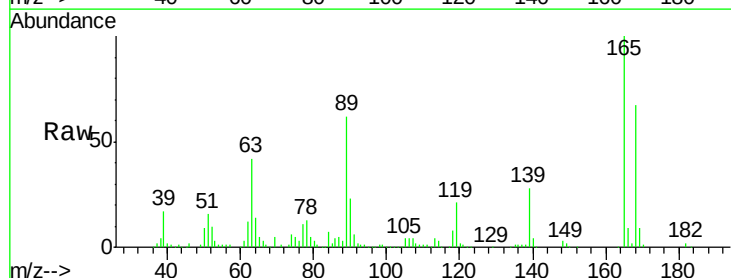
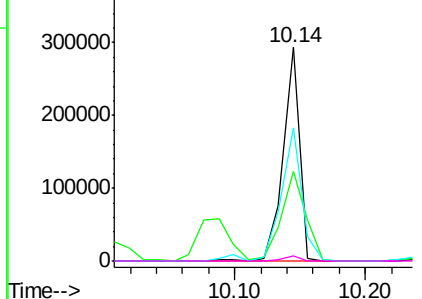
182 2.1 1.8 2.8

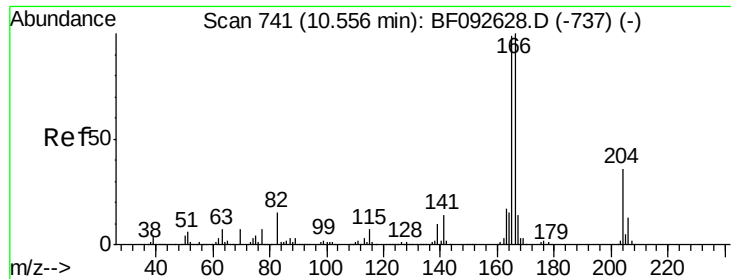
Abundance Ion 165.00 (164.70 to 165.70): E

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





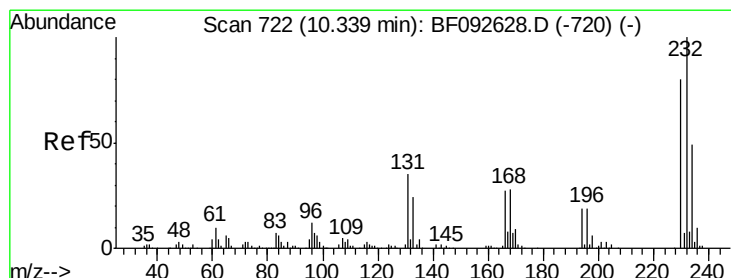
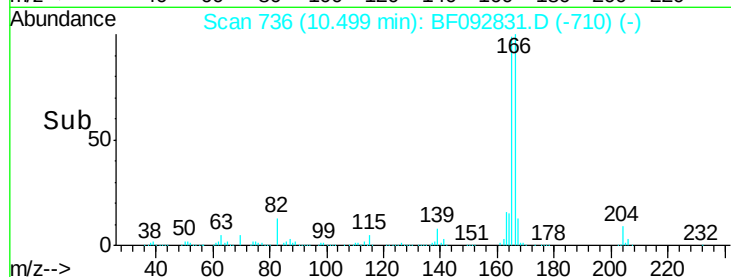
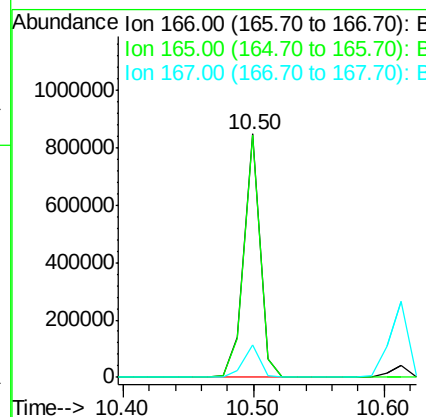
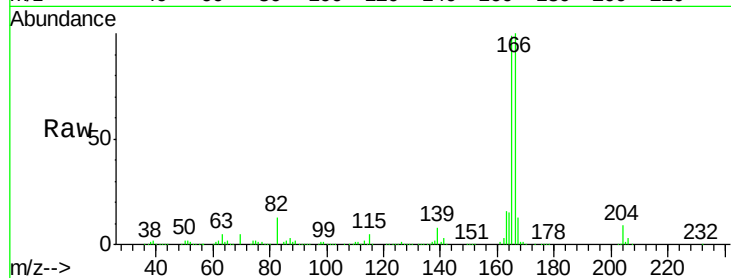
#57
 Fluorene
 Concen: 33.61 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.8
167	13.3	10.8	16.2

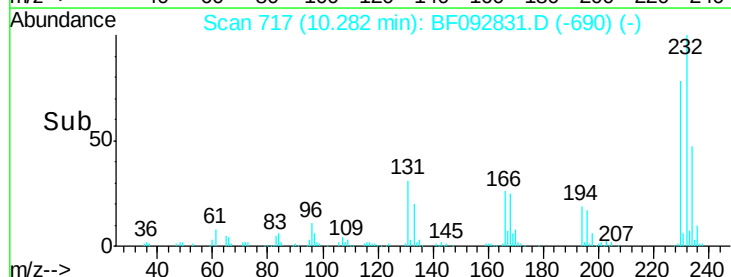
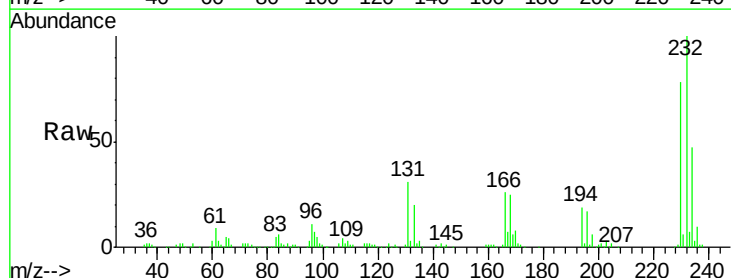
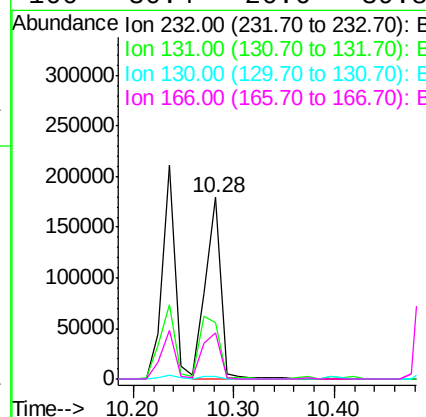
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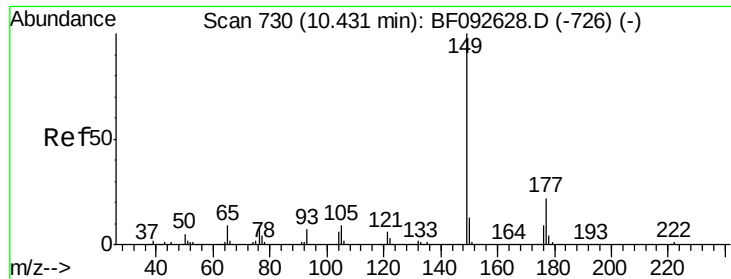
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.89 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	40.1	60.1
130	2.0	1.8	2.8
166	30.4	26.6	39.8





#59

Diethylphthalate

Concen: 37.41 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

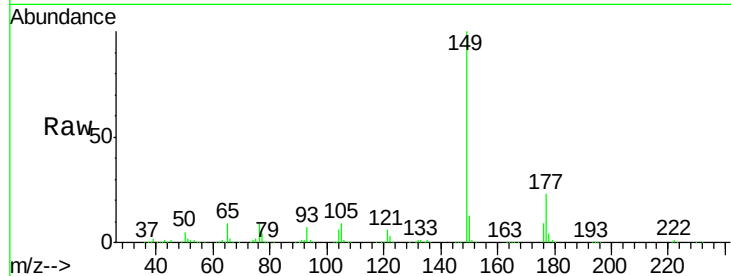
ClientSampleId :

PB96775BS

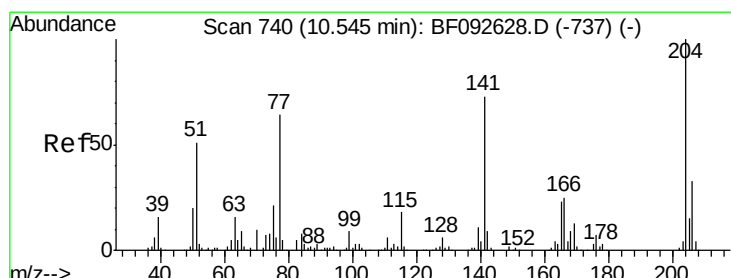
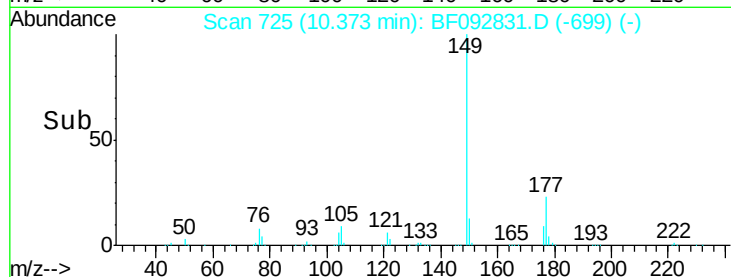
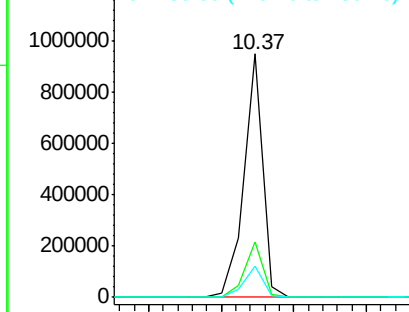
Tot Ion:	149	Resp:	851579
Ion Ratio	Lower	Upper	
149	100		
177	22.7	16.6	25.0
150	12.6	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 32.82 ng

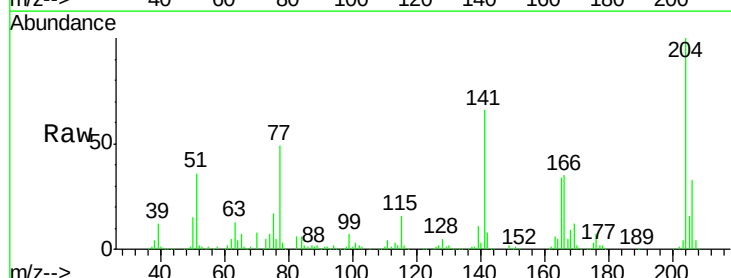
RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

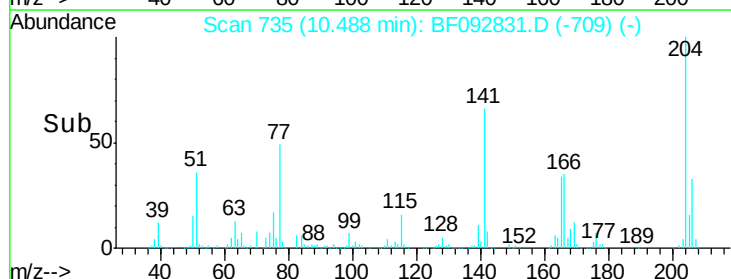
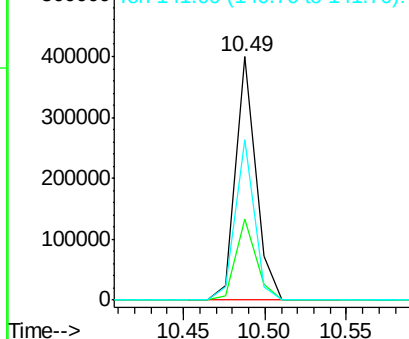
Lab File: BF092831.D

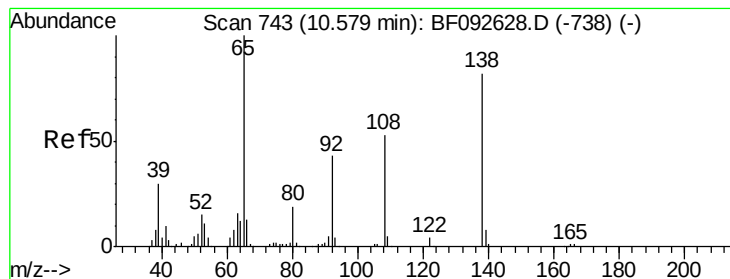
Acq: 7 Feb 2017 16:39

Tgt Ion:	204	Resp:	340398
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.8	38.6
141	65.7	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.65 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

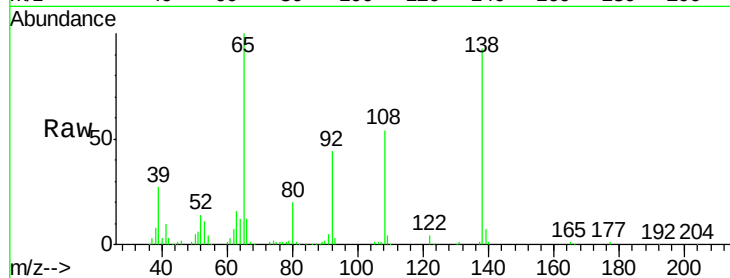
ClientSampled :

PB96775BS

Tot Ion:	138	Resp:	187395
Ion Ratio	Lower	Upper	
138	100		
92	47.5	31.7	71.7
108	57.5	52.6	92.6

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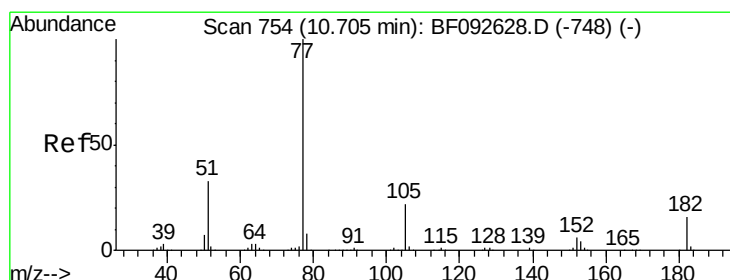
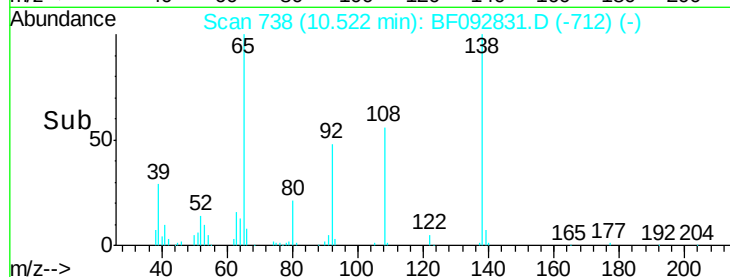
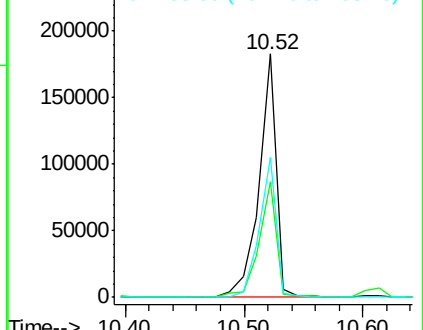
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.57 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

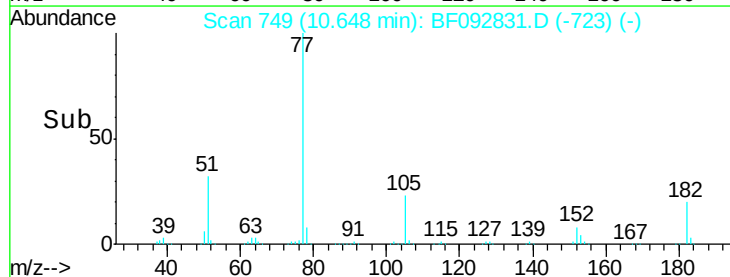
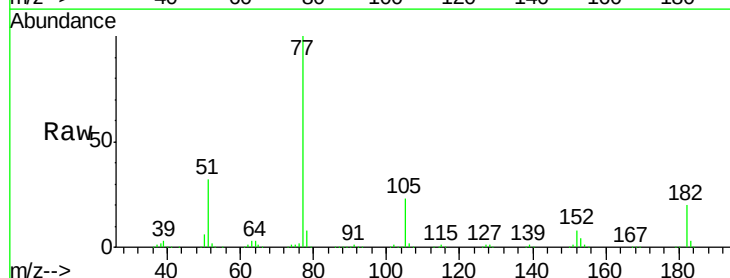
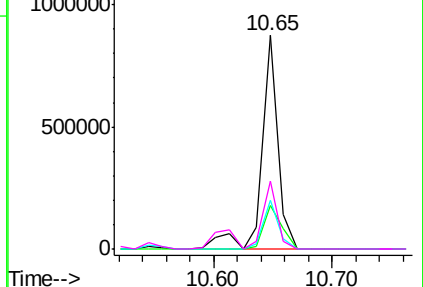
Tgt Ion:	77	Resp:	836571
Ion Ratio	Lower	Upper	
77	100		
182	20.4	0.0	39.3
105	23.0	2.3	42.3
51	31.6	8.9	48.9

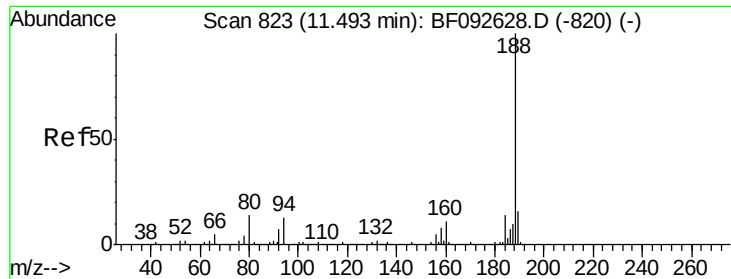
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





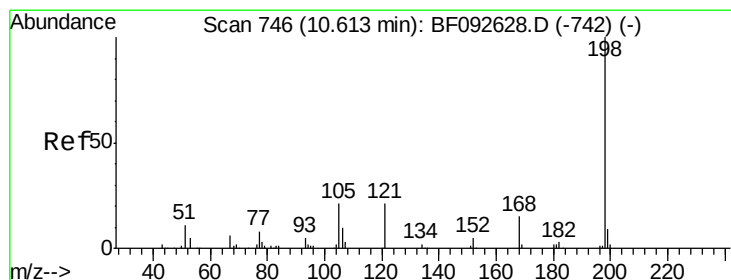
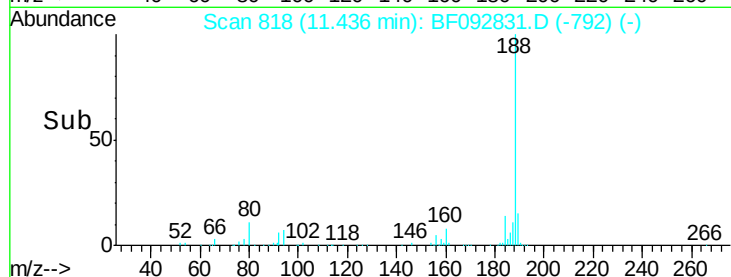
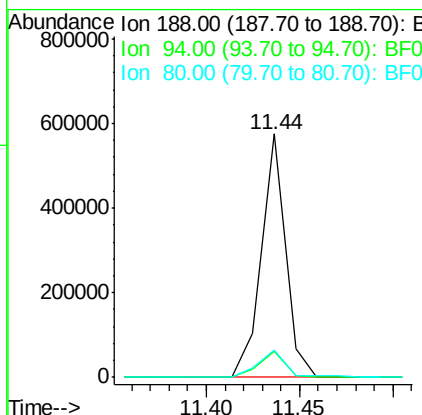
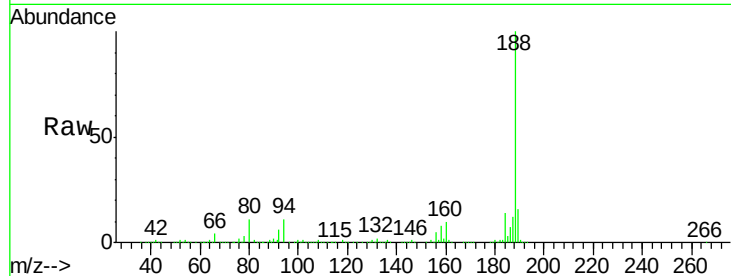
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	514490		
94	10.6		10.0	15.0
80	11.5		11.2	16.8

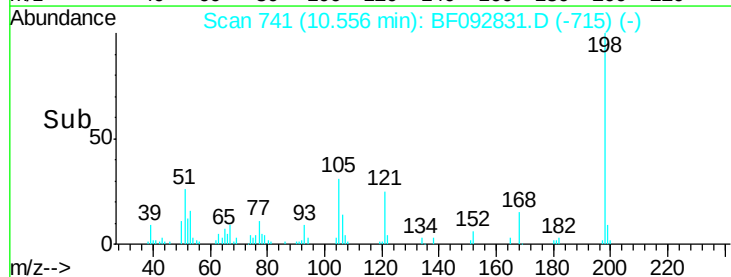
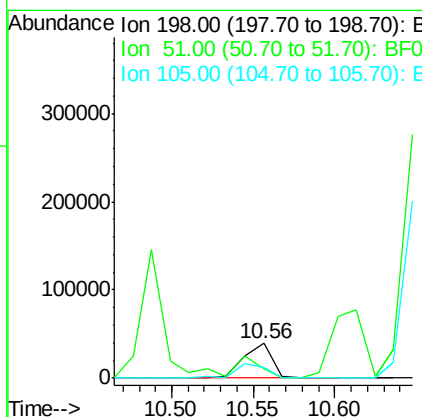
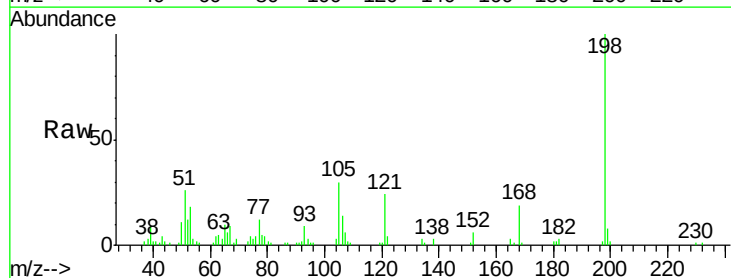
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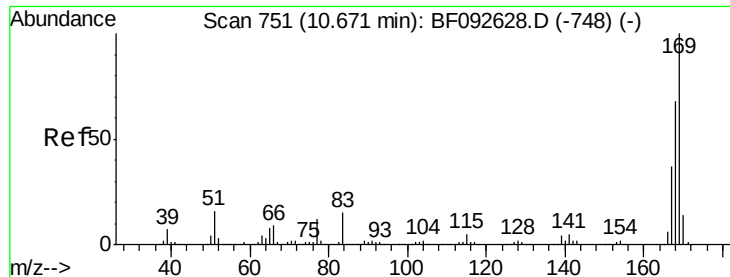
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#64
4,6-Dinitro-2-methylphenol
Concen: 16.95 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47364		
51	26.4		6.7	46.7
105	30.5		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 43.12 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

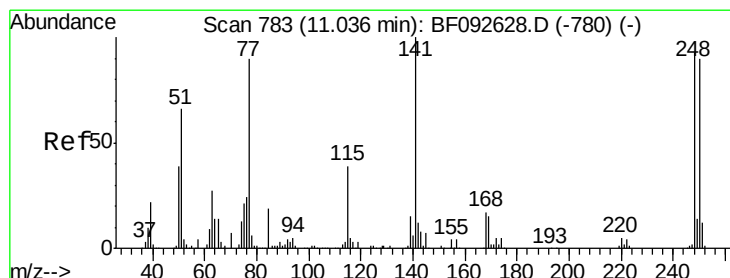
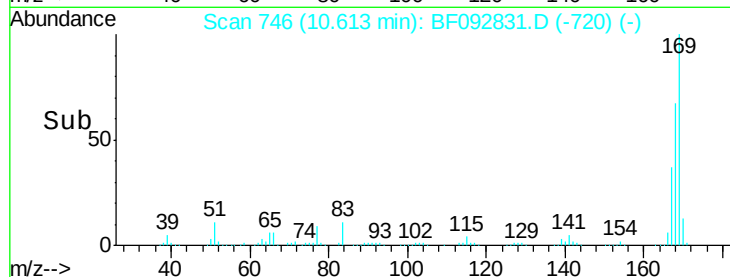
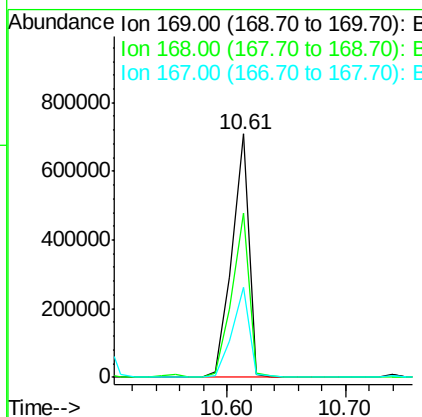
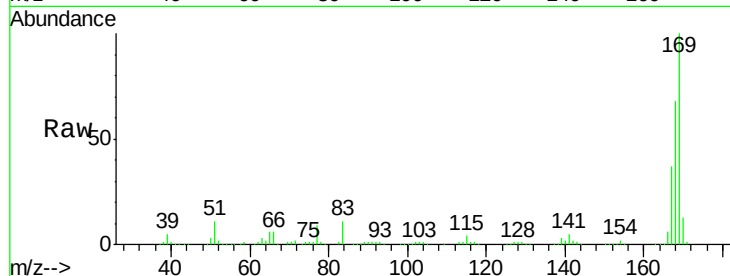
ClientSampleId :

PB96775BS

Tot Ion:	169	Resp:	708722
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 37.37 ng

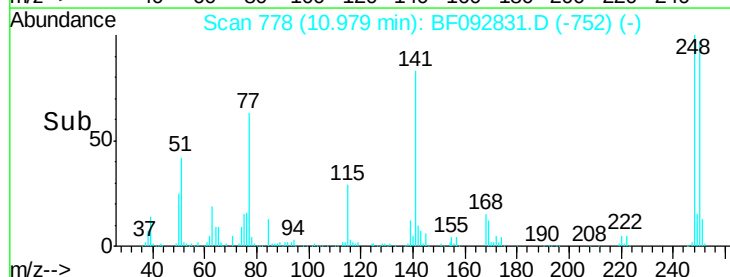
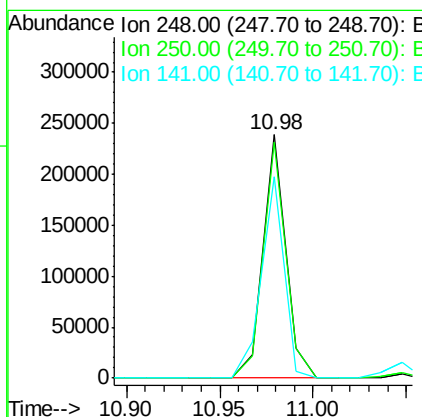
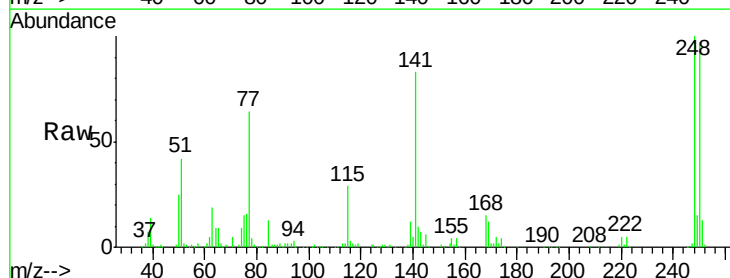
RT: 10.98 min Scan# 778

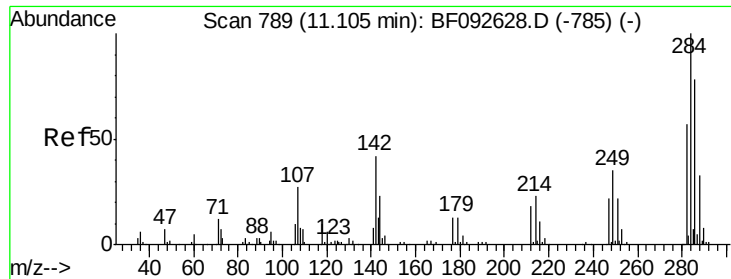
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	248	Resp:	200869
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	82.7	68.2	102.4





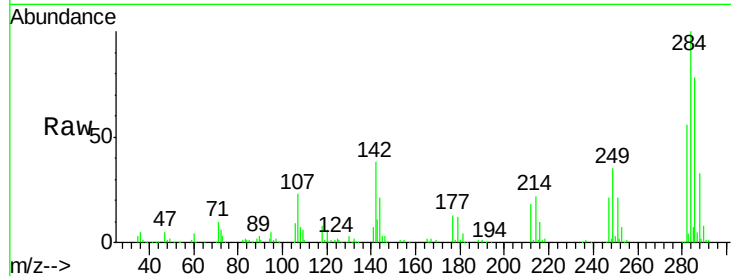
#67
Hexachlorobenzene
Concen: 34.76 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

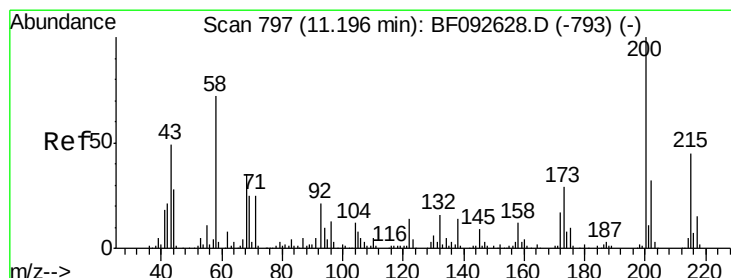
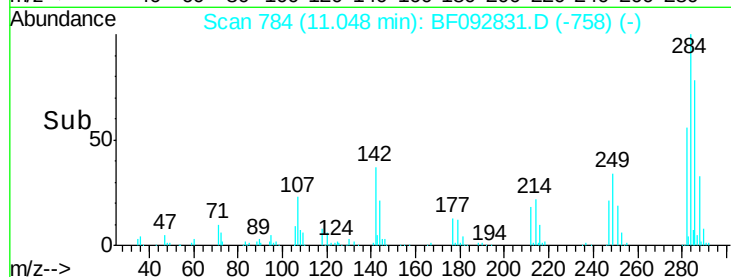
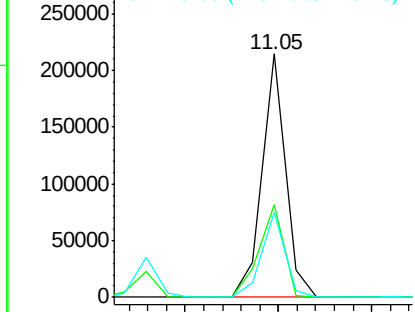
Tot Ion	Ratio	Resp	Lower	Upper
284	100	184664		
142	37.9	22.6	33.8#	
249	34.9	25.4	38.0	

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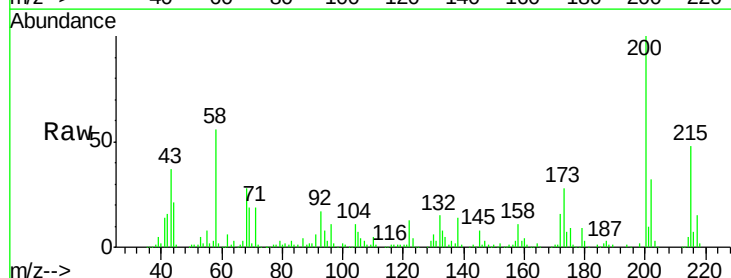


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

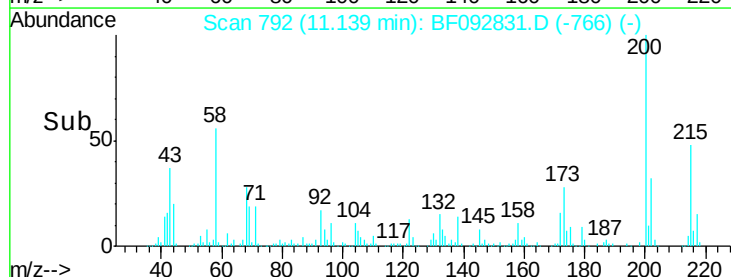
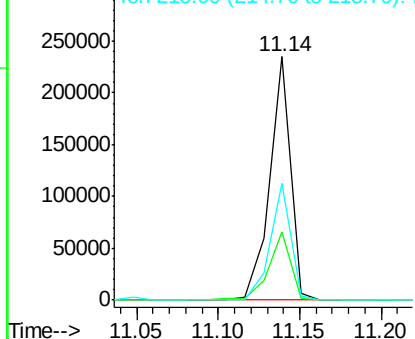


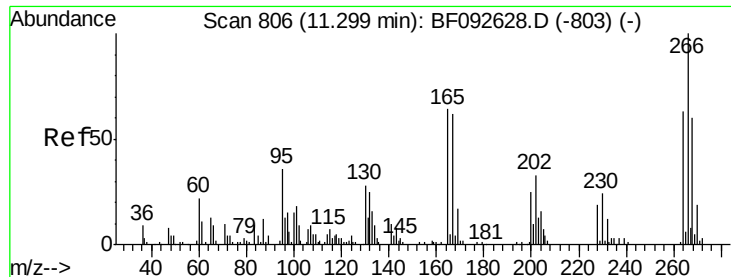
#68
Atrazine
Concen: 39.63 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	209026		
173	28.2	9.6	49.6	
215	48.1	25.7	65.7	



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





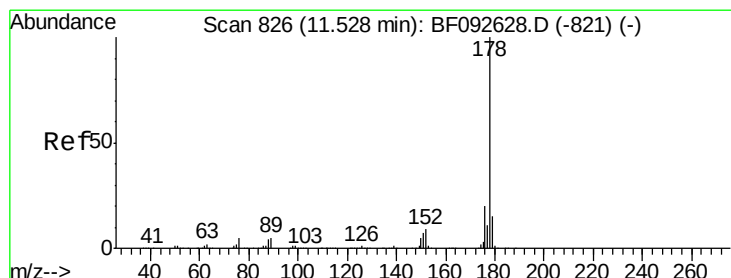
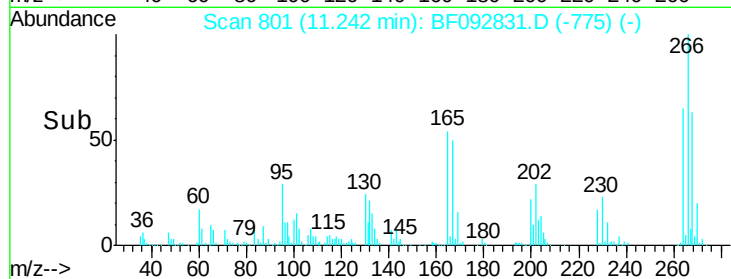
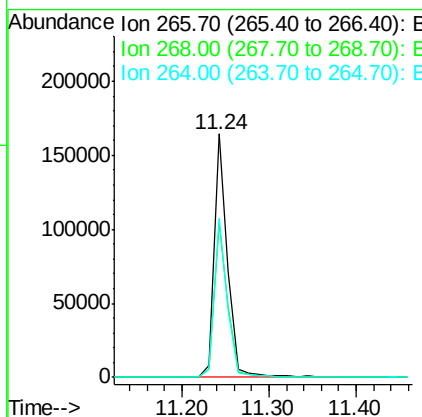
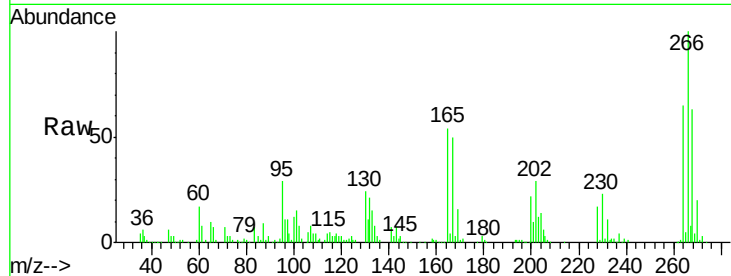
#69
 Pentachlorophenol
 Concen: 66.51 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleID :
 PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	178712		
268	63.4	53.3	79.9	
264	65.3	50.3	75.5	

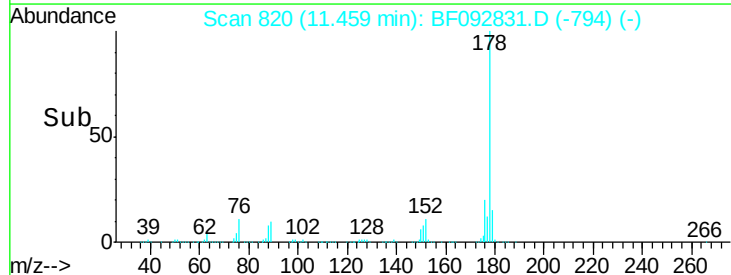
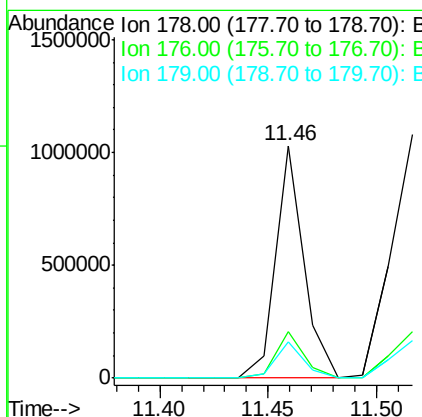
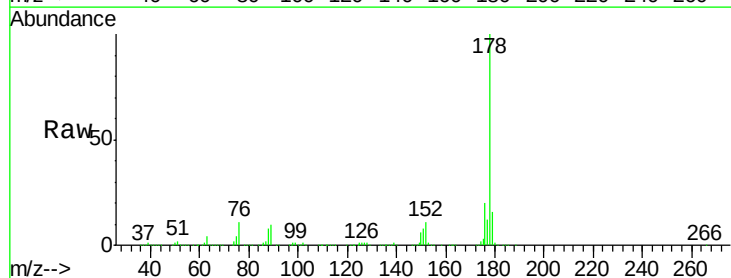
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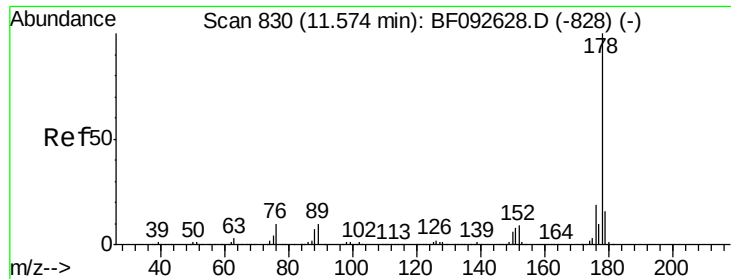
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#70
 Phenanthrene
 Concen: 31.75 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	935871		
176	19.8	16.6	25.0	
179	15.5	12.8	19.2	





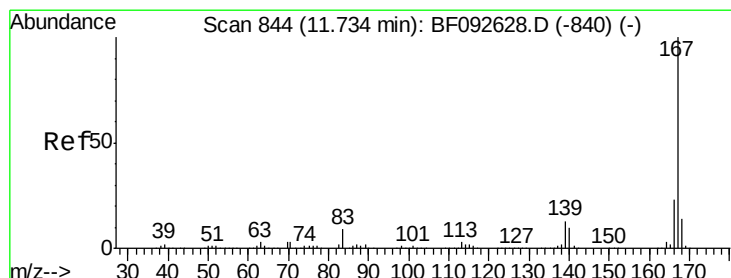
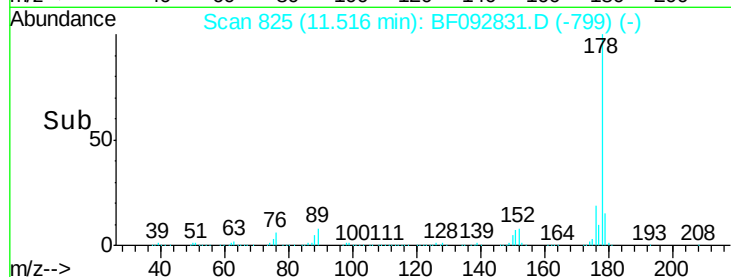
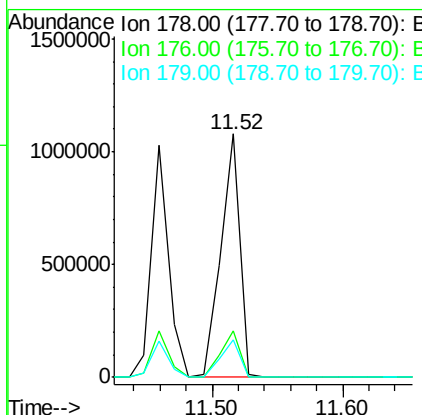
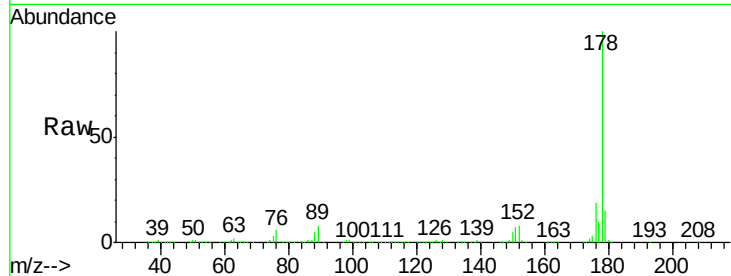
#71
 Anthracene
 Concen: 37.20 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion:178 Resp: 1101051
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.3 13.2 19.8

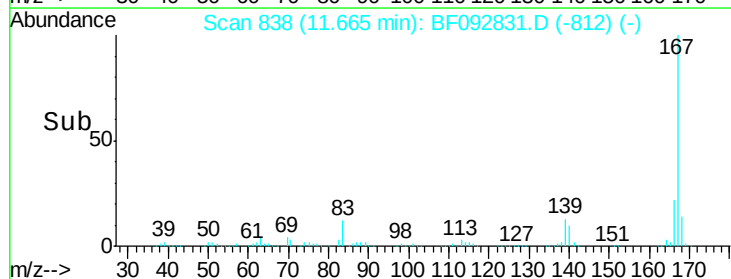
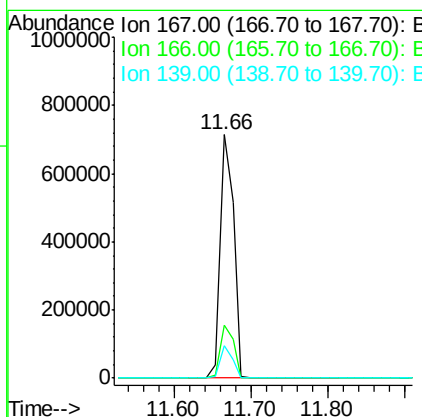
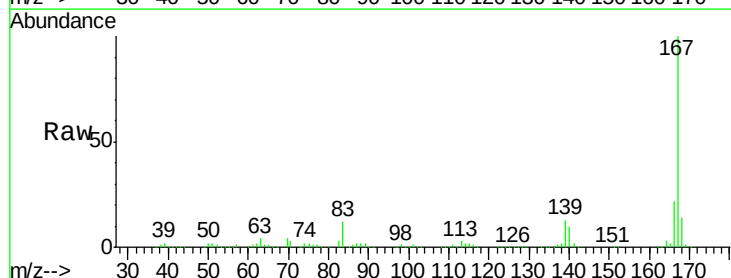
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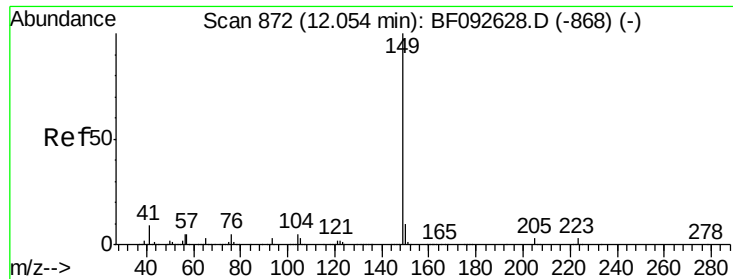
mohammad
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#72
 Carbazole
 Concen: 31.19 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:167 Resp: 882523
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 41.30 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

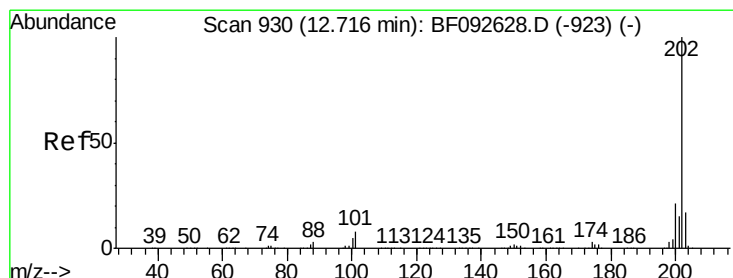
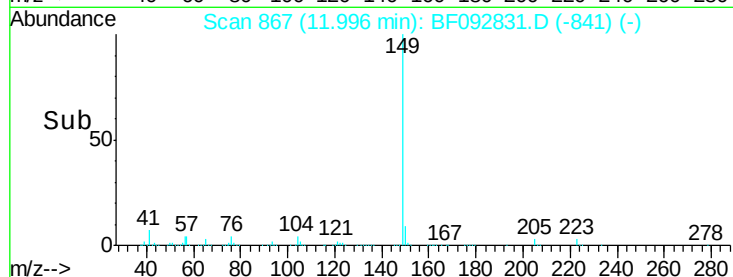
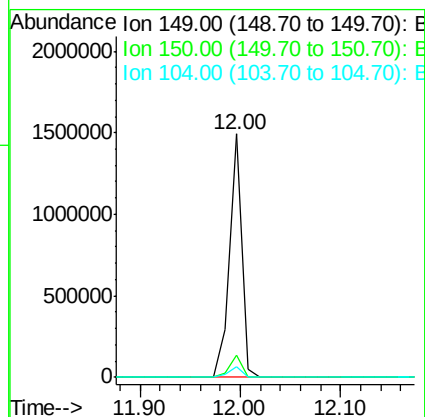
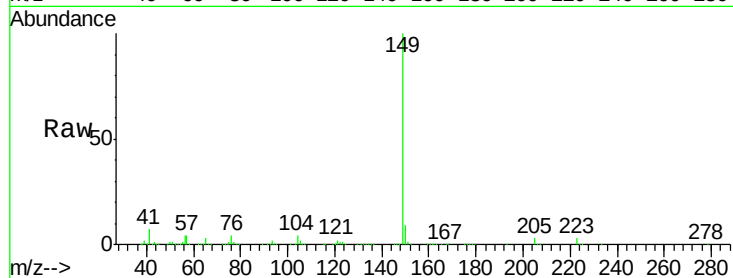
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.2	4.6	7.0

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#74

Fluoranthene

Concen: 29.29 ng

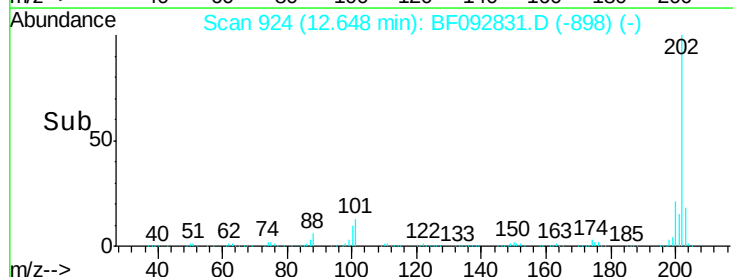
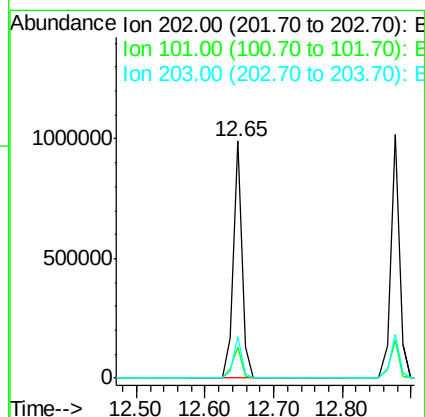
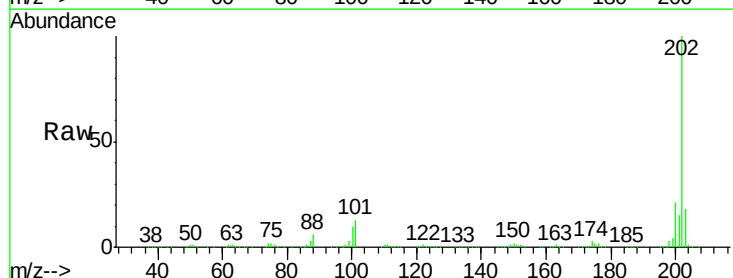
RT: 12.65 min Scan# 924

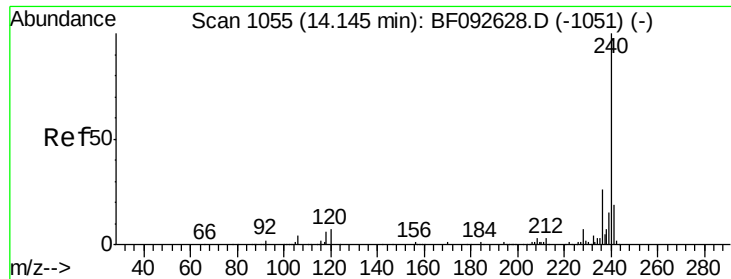
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

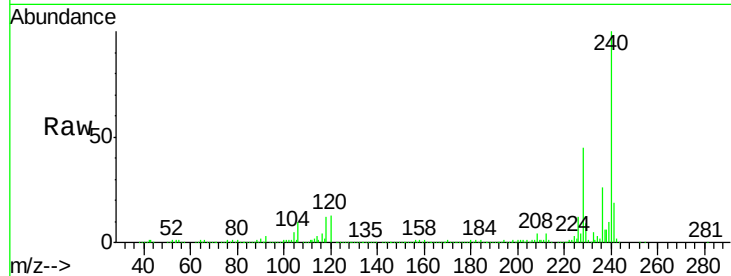
ClientSampleId :

PB96775BS

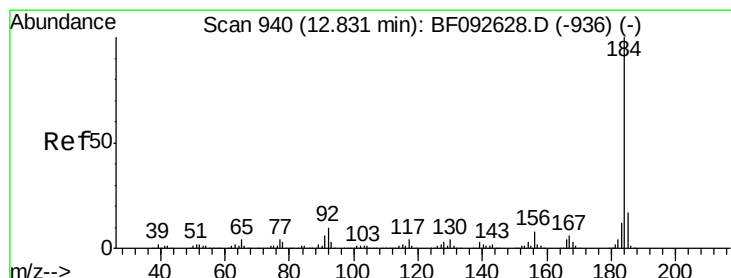
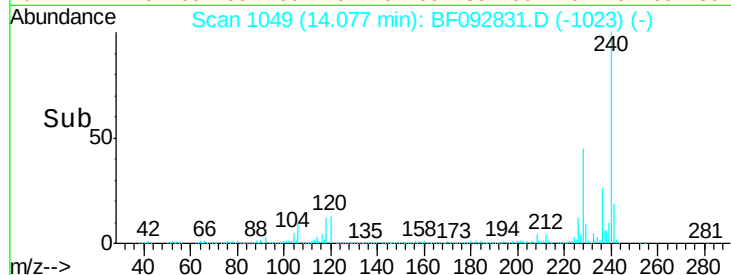
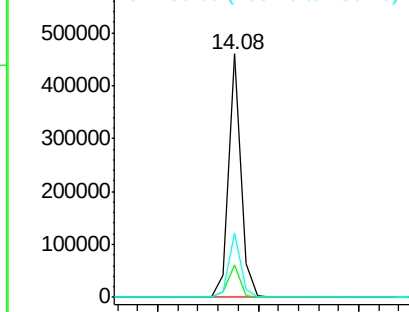
Tot Ion:	240	Resp:	392661
Ion Ratio	Lower	Upper	
240	100		
120	13.3	12.9	19.3
236	26.5	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.30 ng

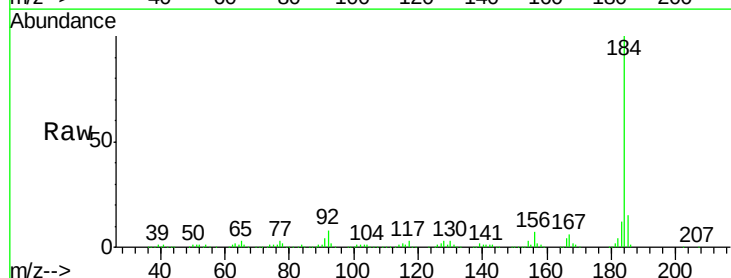
RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

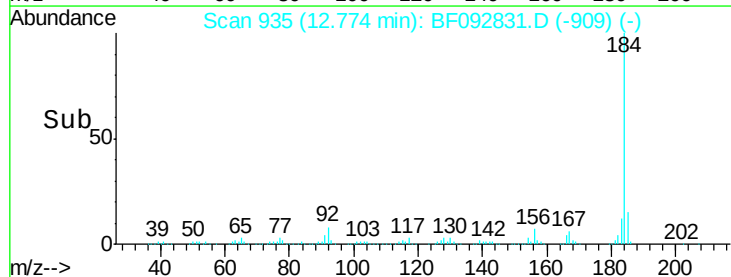
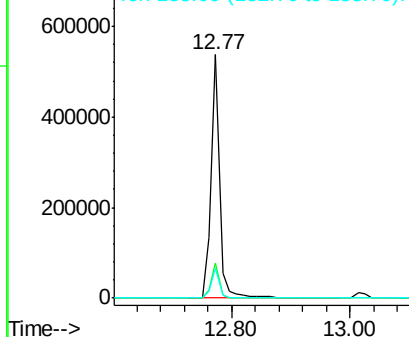
Lab File: BF092831.D

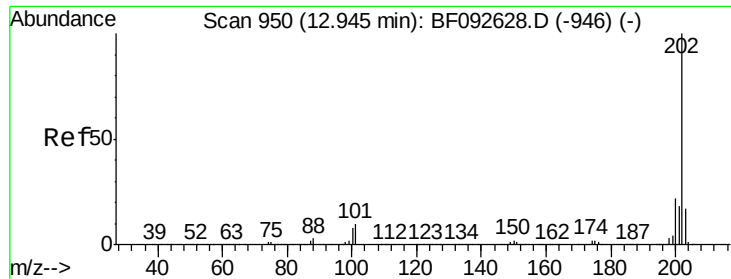
Acq: 7 Feb 2017 16:39

Tgt Ion:	184	Resp:	540459
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.0
183	12.3	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





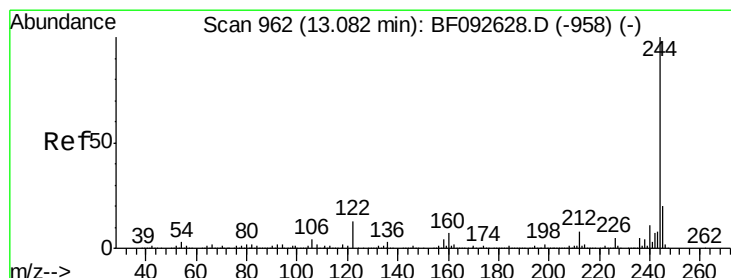
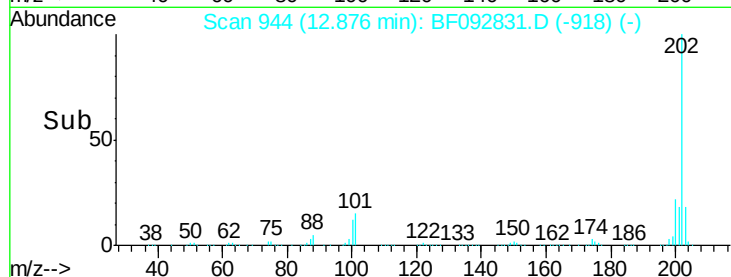
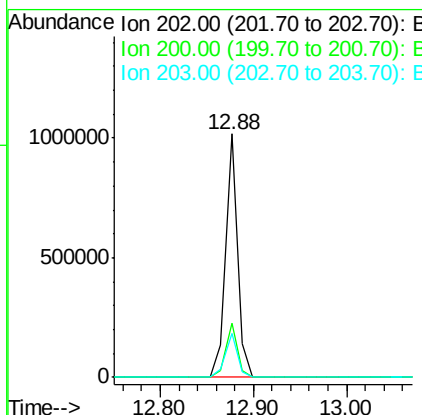
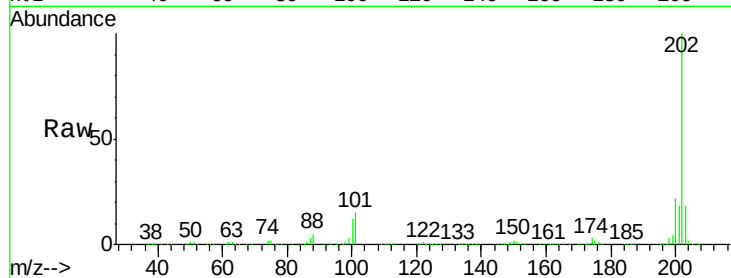
#77
Pvrene
Concen: 30.46 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.9	14.7	22.1

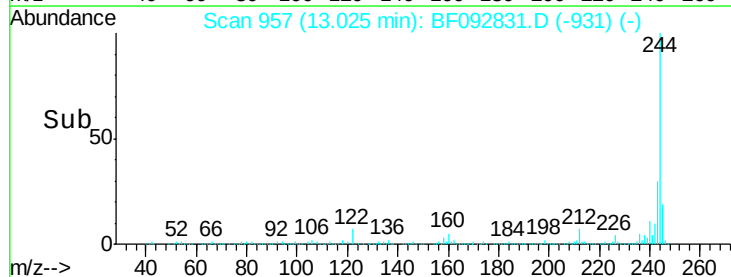
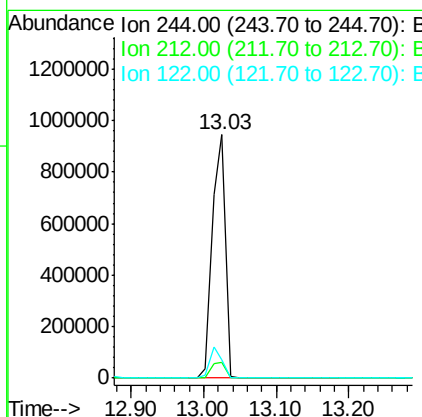
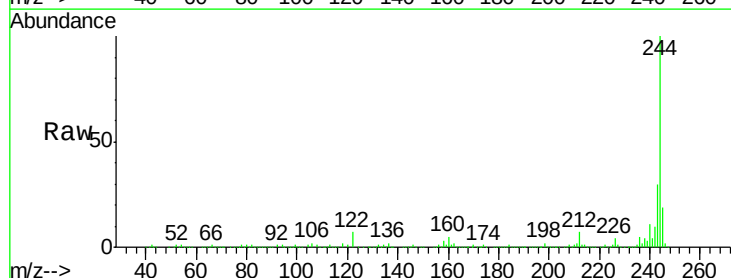
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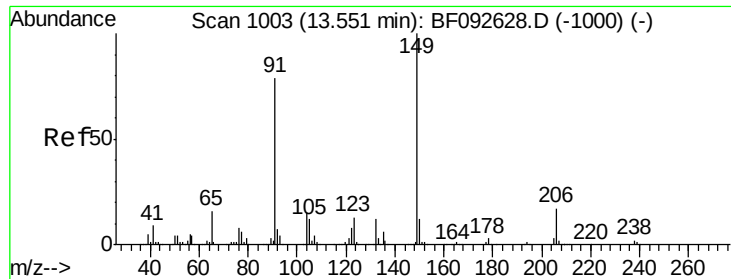
mohammad
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#78
Terphenyl-d14
Concen: 70.15 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	7.3	11.4	17.2#





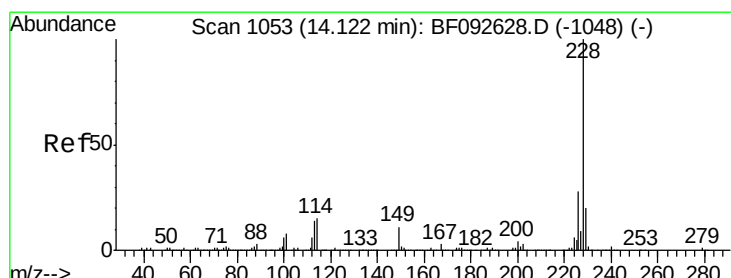
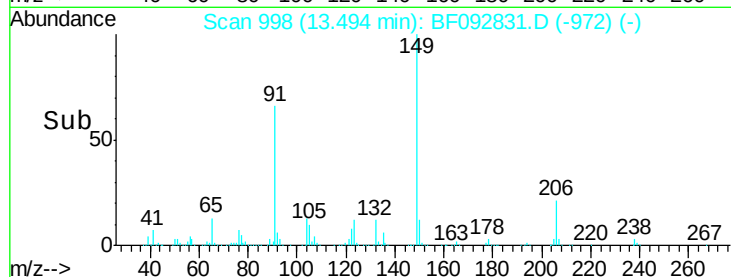
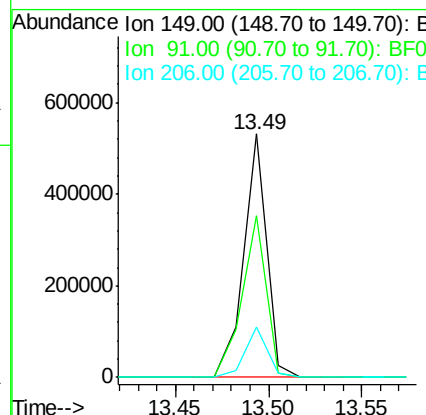
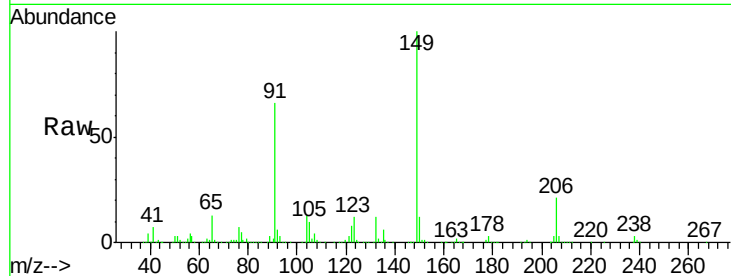
#79
Butylbenzylphthalate
Concen: 38.52 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	459656		
91	66.2	63.9	95.9	
206	20.6	14.6	21.8	

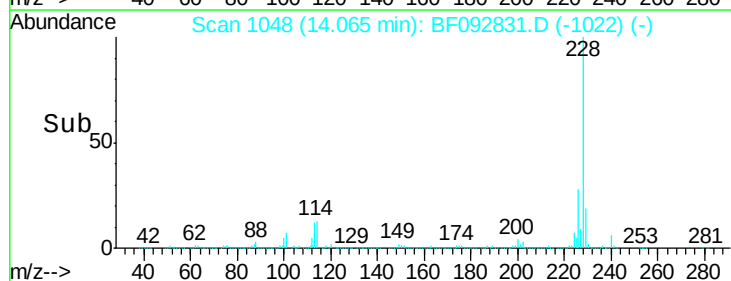
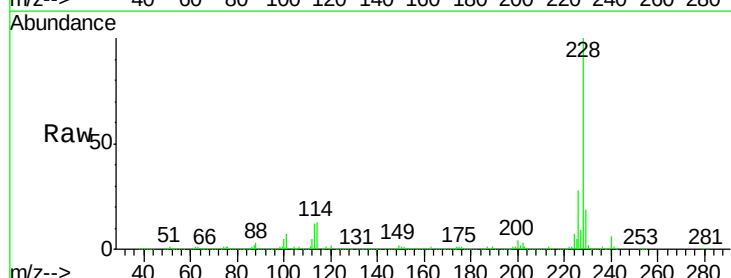
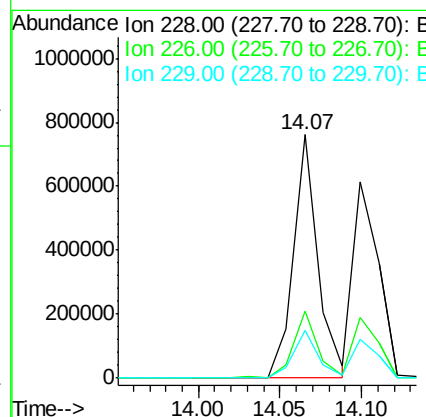
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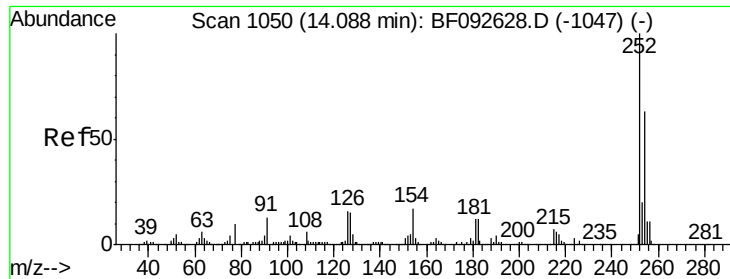
mohammad
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#80
Benzo(a)anthracene
Concen: 33.18 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	796934		
226	27.8	22.4	33.6	
229	19.4	16.2	24.4	





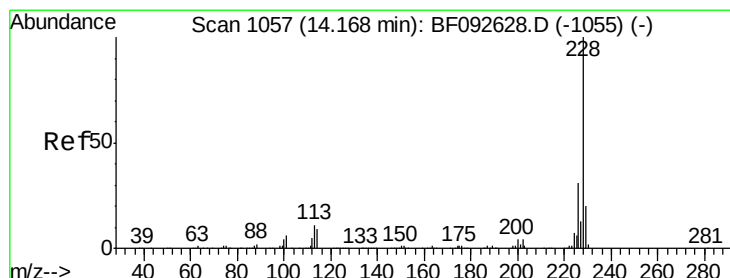
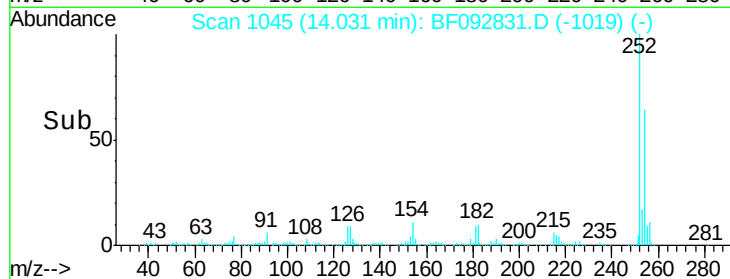
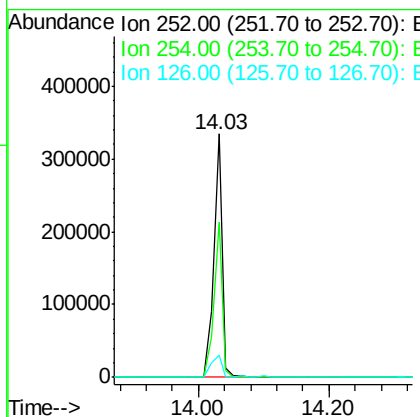
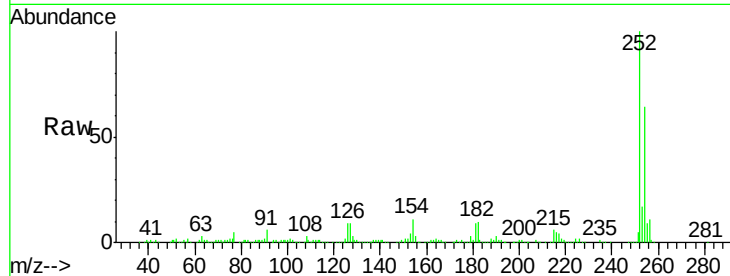
#81
 3,3'-Dichlorobenzidine
 Concen: 36.09 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	52.3	78.5
126	9.2	13.6	20.4

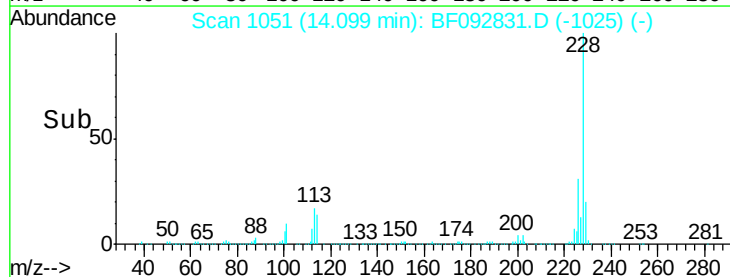
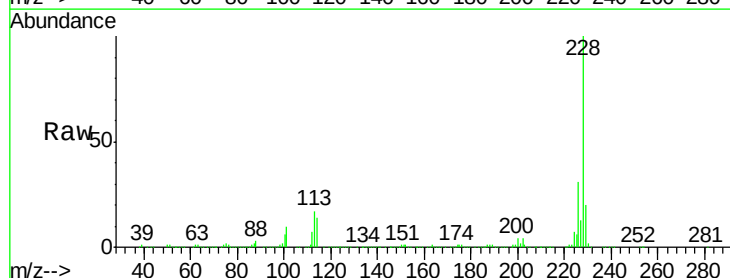
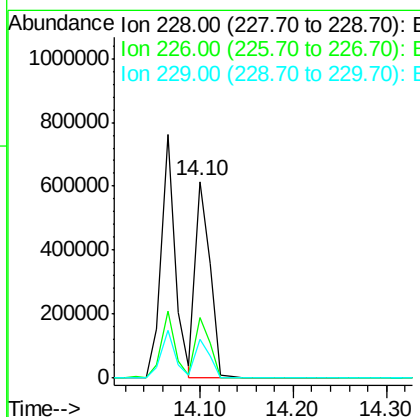
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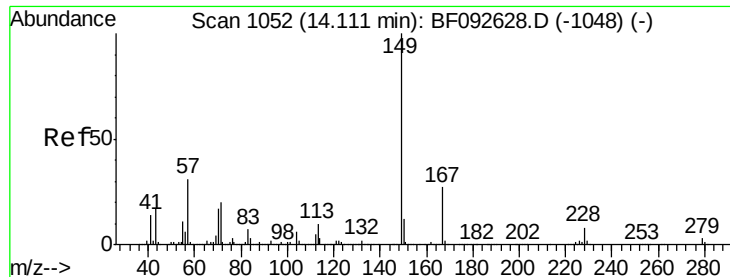
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#82
 Chrysene
 Concen: 30.27 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.92 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

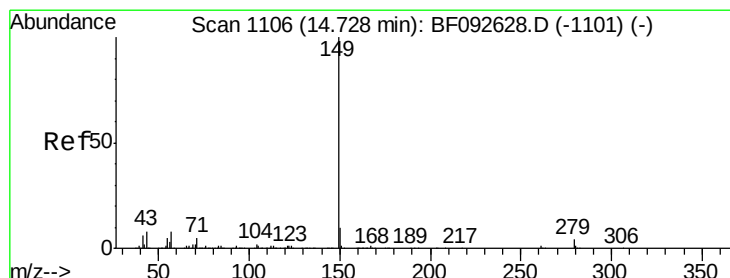
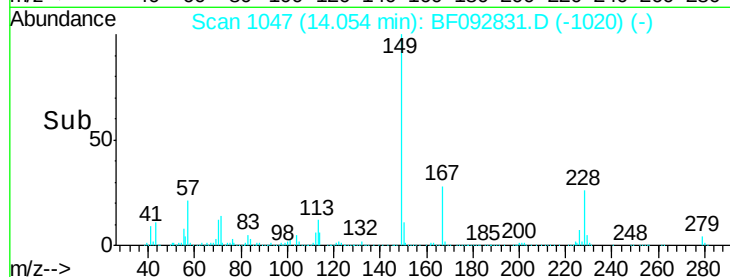
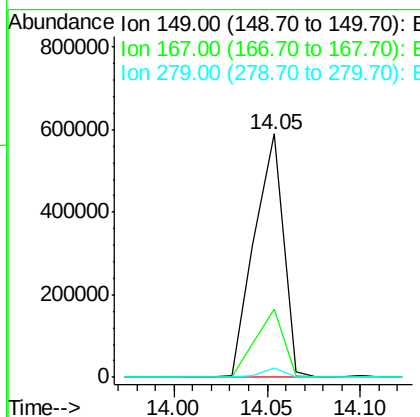
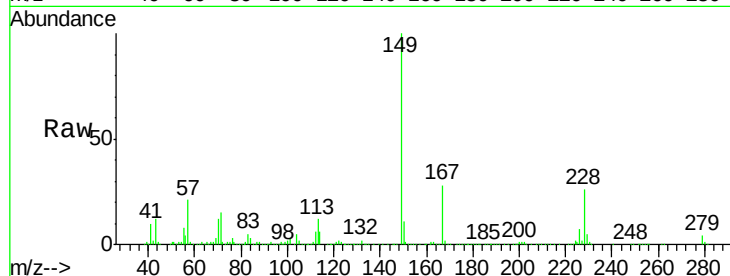
ClientSampleId :

PB96775BS

Tot Ion:	149	Resp:	635137
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.2	30.4
279	4.0	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 38.64 ng

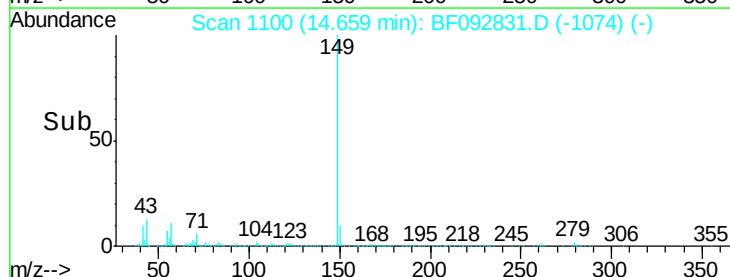
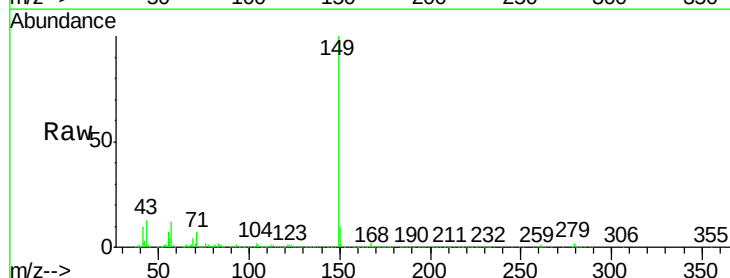
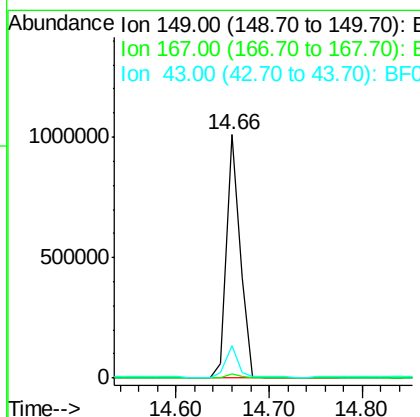
RT: 14.66 min Scan# 1100

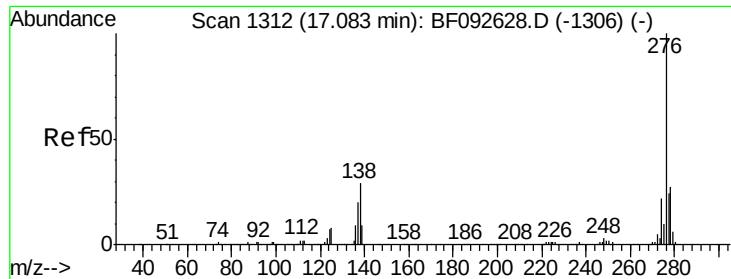
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	149	Resp:	1026902
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.54 ng

RT: 16.98 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

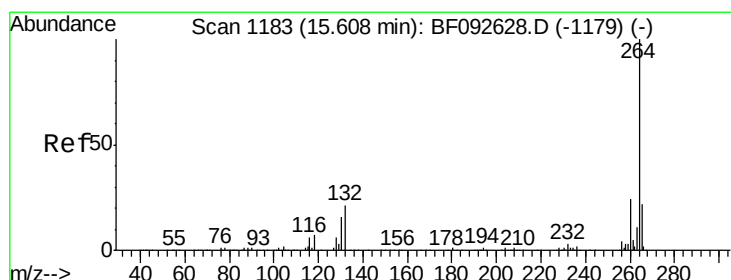
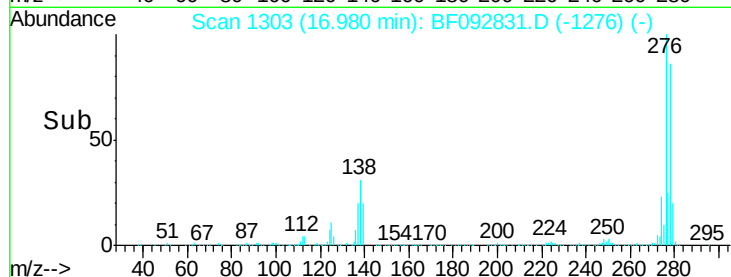
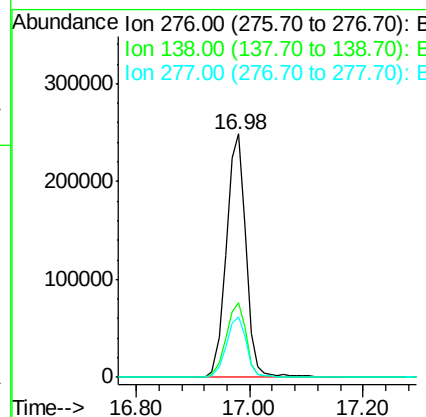
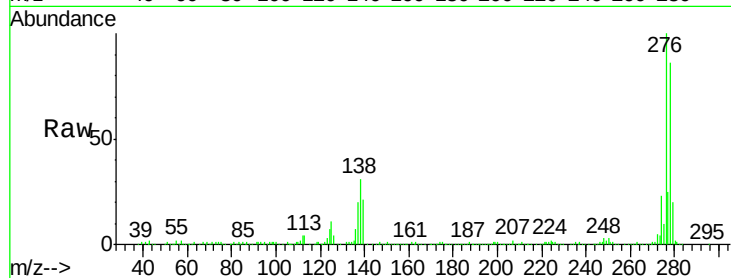
ClientSampleId :

PB96775BS

Tot Ion:	276	Resp:	601653
Ion Ratio	Lower	Upper	
276	100		
138	31.5	21.8	32.6
277	25.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

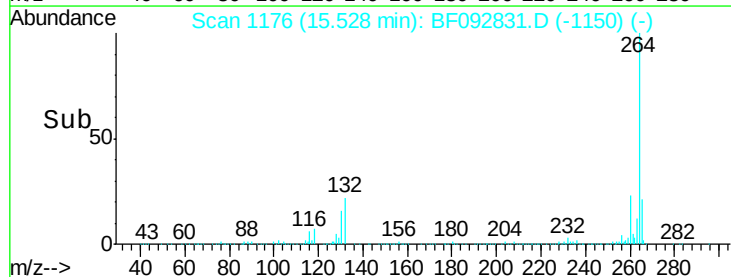
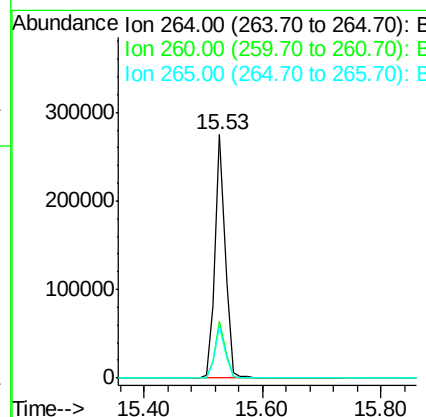
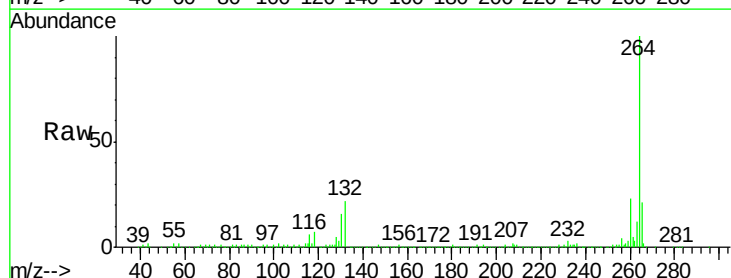
RT: 15.53 min Scan# 1176

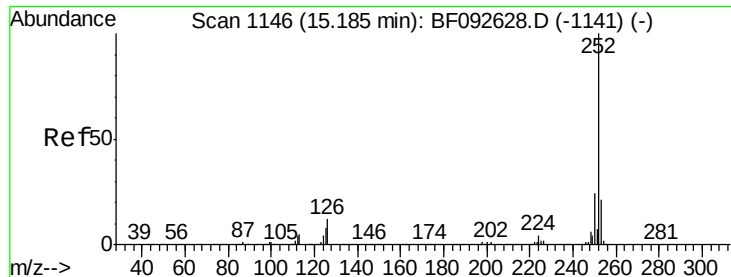
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	264	Resp:	330235
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.29 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

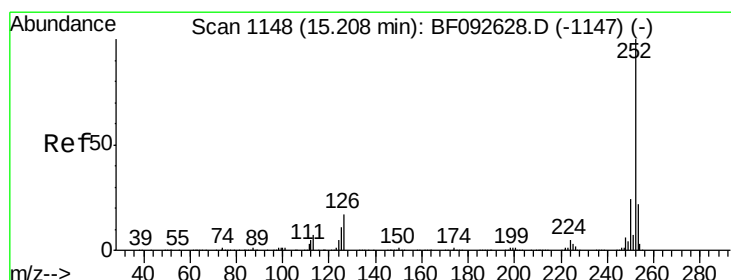
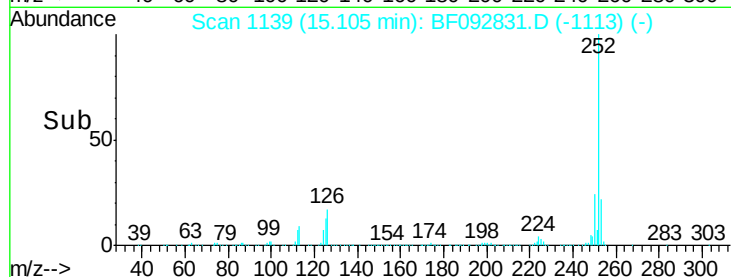
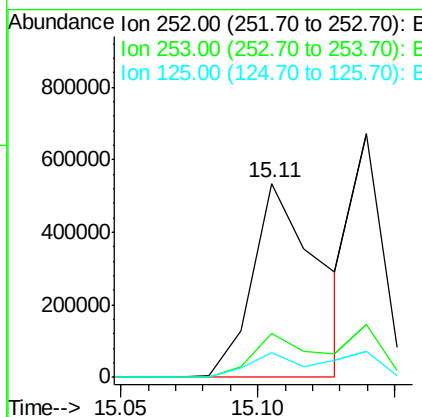
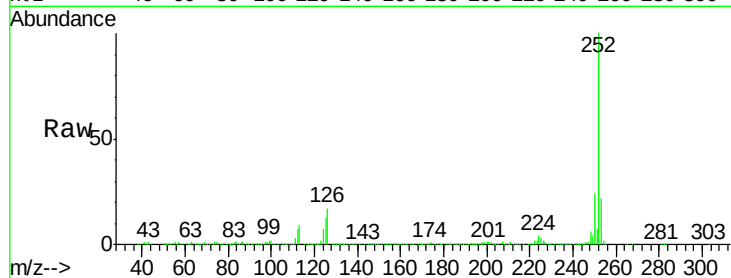
ClientSampleId :

PB96775BS

Tot Ion:	252	Resp:	897465
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	12.8	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 28.39 ng m

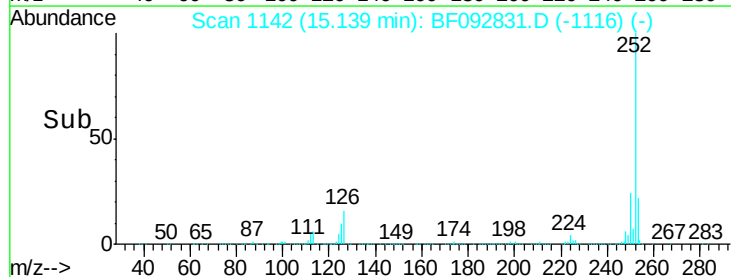
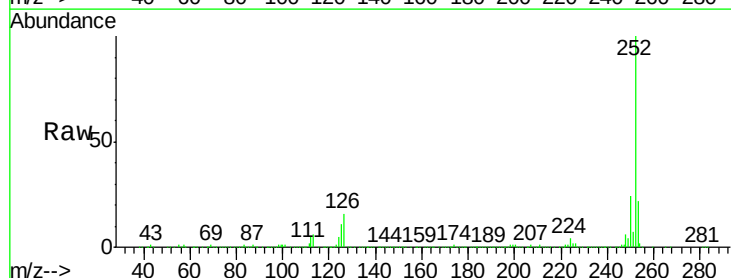
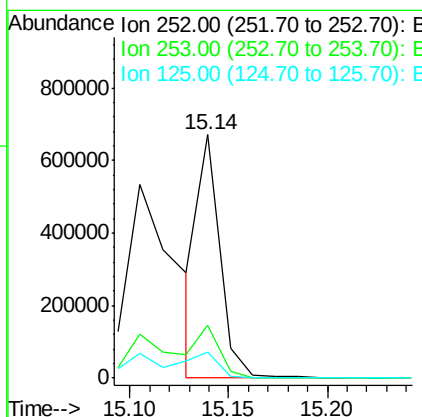
RT: 15.14 min Scan# 1142

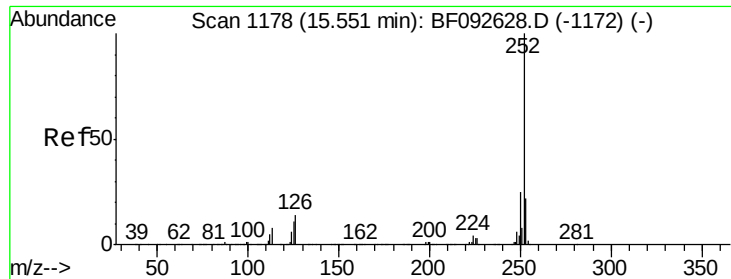
Delta R.T. -0.00 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:	252	Resp:	532842
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	10.5	8.9	13.3





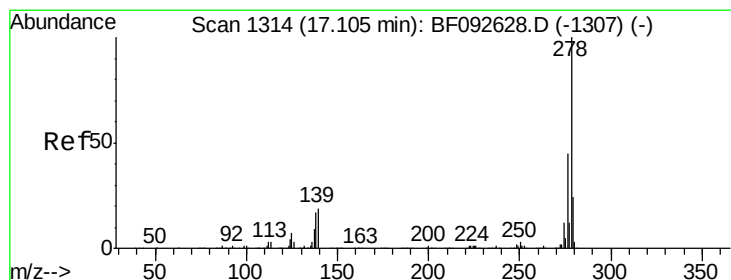
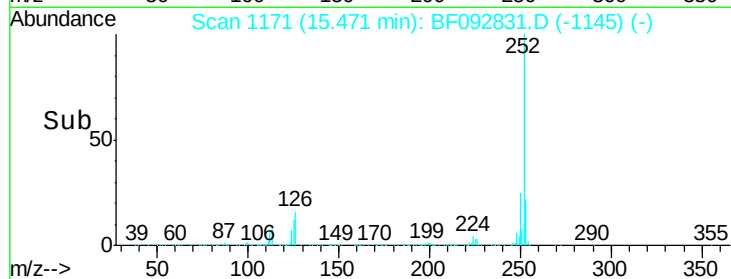
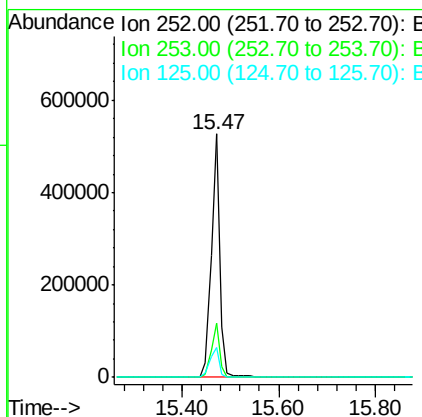
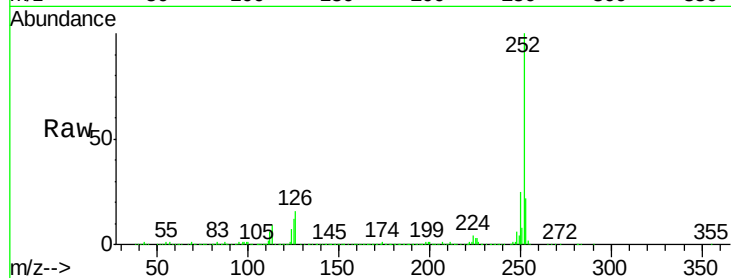
#89
Benzo(a)pyrene
Concen: 34.88 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.3	10.0	15.0

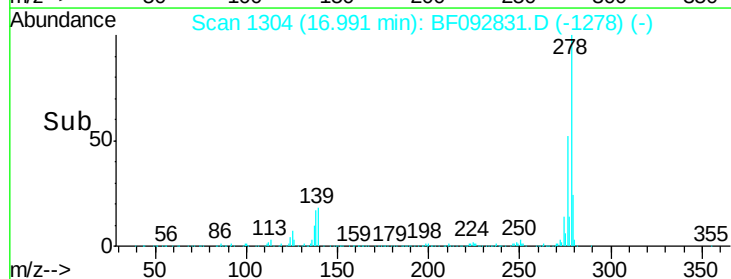
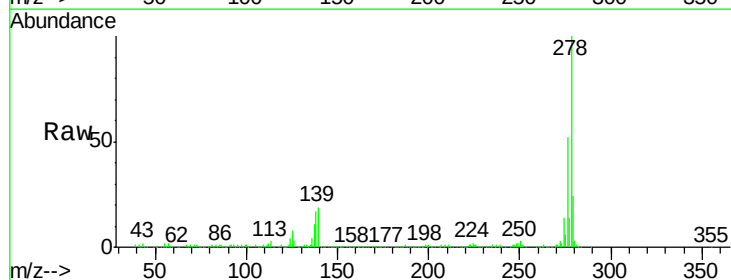
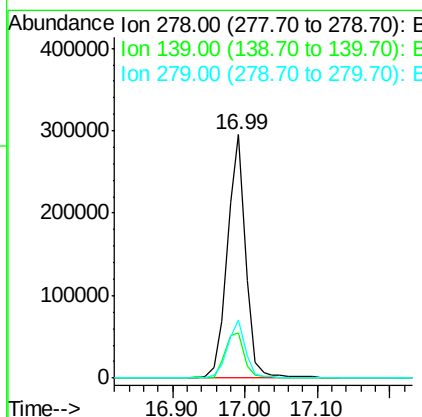
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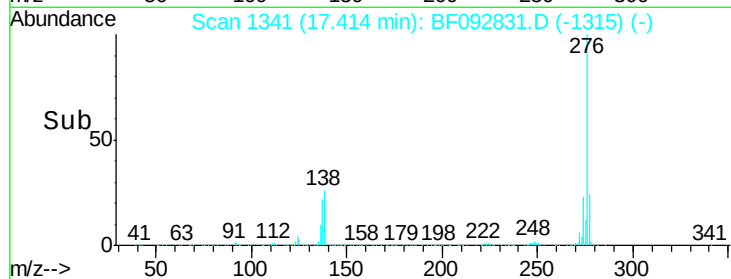
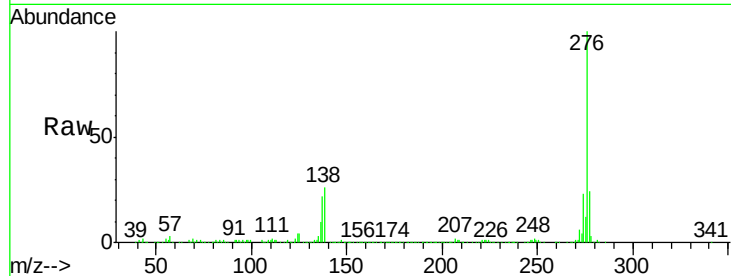
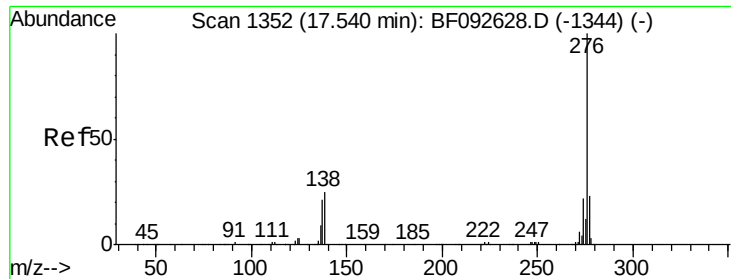
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#90
Dibenzo(a,h)anthracene
Concen: 34.01 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 31.66 ng
 RT: 17.41 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7		19.2	28.8
138	26.5		16.0	24.0

Manual Integrations
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