

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087675.D
 Acq On : 4 Jun 2016 19:47
 Operator : UM/SJ
 Sample : PB91096BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:31 PM

Quant Time: Jun 05 01:49:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117690	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	500593	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	229236	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	407628	20.00	ng	0.00
75) Chrysene-d12	14.02	240	310522	20.00	ng	0.00
86) Perylene-d12	15.44	264	270580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	758558	104.18	ng	0.01
7) Phenol-d6	6.49	99	1026207	112.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	681578	78.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	279918	121.65	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1251382	83.22	ng	0.00
78) Terphenyl-d14	12.97	244	992468	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	112299	31.91	ng	# 27
3) Pyridine	3.29	79	286077	30.77	ng	99
4) n-Nitrosodimethylamine	3.23	42	154989	39.46	ng	100
6) Aniline	6.52	93	357536	27.62	ng	99
8) 2-Chlorophenol	6.64	128	326249	38.94	ng	97
9) Benzaldehyde	6.40	77	22399	3.63	ng	88
10) Phenol	6.50	94	444887	42.79	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	285646	37.81	ng	100
12) 1,3-Dichlorobenzene	6.80	146	335624	37.41	ng	99
13) 1,4-Dichlorobenzene	6.88	146	354348	39.36	ng	98
14) 1,2-Dichlorobenzene	7.03	146	305594m	36.21	ng	
15) Benzyl Alcohol	7.00	79	232408	34.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	428537	38.89	ng	97
17) 2-Methylphenol	7.12	107	292306	43.45	ng	96
18) Hexachloroethane	7.37	117	123953	39.38	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	210473	36.91	ng	97
20) 3+4-Methylphenols	7.27	107	325954	39.54	ng	93
22) Acetophenone	7.27	105	442567	39.03	ng	# 82
24) Nitrobenzene	7.44	77	316577	36.56	ng	# 86
25) Isophorone	7.69	82	619338	39.32	ng	97
26) 2-Nitrophenol	7.76	139	163051	40.52	ng	96
27) 2,4-Dimethylphenol	7.80	122	356041	42.70	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	361822	36.21	ng	97
29) 2,4-Dichlorophenol	8.00	162	266658	38.94	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	290793	40.55	ng	98
31) Naphthalene	8.17	128	1003492	41.23	ng	99
32) Benzoic acid	7.92	122	207968	41.34	ng	99
33) 4-Chloroaniline	8.22	127	252226	23.86	ng	95
34) Hexachlorobutadiene	8.30	225	141961	38.07	ng	99
35) Caprolactam	8.58	113	91456m	40.65	ng	
36) 4-Chloro-3-methylphenol	8.70	107	287500	40.58	ng	97
37) 2-Methylnaphthalene	8.86	142	612914	38.13	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	253251	40.09	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	279989	75.34	ng	99

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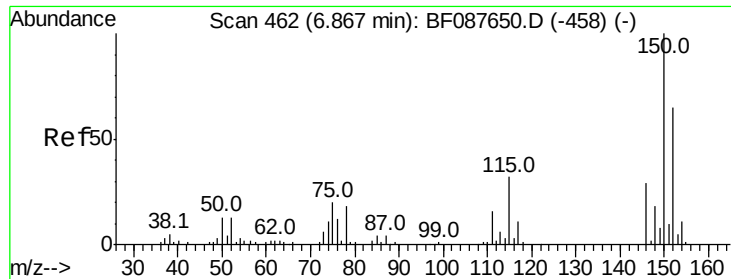
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	185166	38.81	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	202749	45.66	nq #	89
45) 1,1'-Biphenyl	9.32	154	707410	38.02	nq	99
46) 2-Chloronaphthalene	9.35	162	558814	37.73	nq	100
47) 2-Nitroaniline	9.44	65	162136	38.88	nq	99
48) Acenaphthylene	9.77	152	958762	41.51	nq	99
49) Dimethylphthalate	9.63	163	719198	43.15	nq	100
50) 2,6-Dinitrotoluene	9.69	165	170763	45.04	nq	95
51) Acenaphthene	9.94	154	657425	44.24	nq	99
52) 3-Nitroaniline	9.85	138	113038	26.06	nq	99
53) 2,4-Dinitrophenol	9.95	184	160748	92.76	nq	92
54) Dibenzofuran	10.11	168	865471	42.78	nq	98
55) 4-Nitrophenol	10.01	139	257386	69.44	nq	94
56) 2,4-Dinitrotoluene	10.09	165	225735	46.75	nq #	81
57) Fluorene	10.46	166	600490	37.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	164981	43.13	nq #	57
59) Diethylphthalate	10.33	149	659977	39.43	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	264874	42.55	nq	99
61) 4-Nitroaniline	10.47	138	157122	37.68	nq	96
62) Azobenzene	10.60	77	725238	43.05	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	97251	43.14	nq	91
65) n-Nitrosodiphenylamine	10.56	169	538078	40.30	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	183783	45.47	nq	98
67) Hexachlorobenzene	10.99	284	178771	39.55	nq	100
68) Atrazine	11.10	200	176505	44.63	nq	99
69) Pentachlorophenol	11.19	266	229742	85.54	nq	99
70) Phenanthrene	11.40	178	861278	38.97	nq	100
71) Anthracene	11.46	178	952341	43.00	nq	100
72) Carbazole	11.61	167	819317	39.08	nq	99
73) Di-n-butylphthalate	11.95	149	1028173	45.75	nq	100
74) Fluoranthene	12.59	202	937032	43.08	nq	100
76) Benzidine	12.72	184	347009	28.34	nq	99
77) Pyrene	12.82	202	980542	44.34	nq	99
79) Butylbenzylphthalate	13.45	149	457499	48.62	nq	98
80) Benzo(a)anthracene	14.00	228	749410	41.82	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	154098	30.48	nq	100
82) Chrysene	14.05	228	764778	42.88	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	530840	47.40	nq #	98
84) Di-n-octyl phthalate	14.62	149	943214	45.30	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	656414	44.52	nq #	100
87) Benzo(b)fluoranthene	15.04	252	760829m	43.23	nq	
88) Benzo(k)fluoranthene	15.06	252	571034m	38.99	nq	
89) Benzo(a)pyrene	15.38	252	624826	42.23	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	549500	43.64	nq	99
91) Benzo(g,h,i)perylene	17.26	276	546149	42.99	nq	100

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



#1

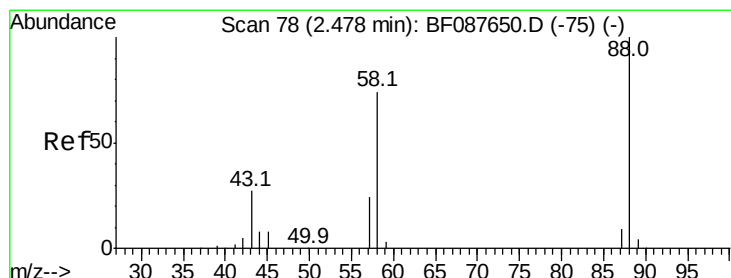
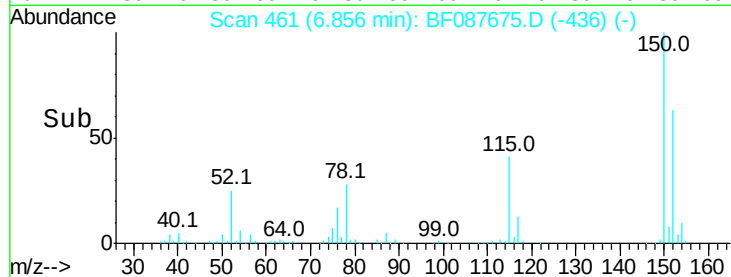
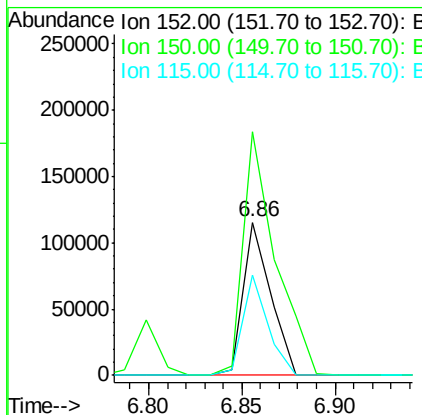
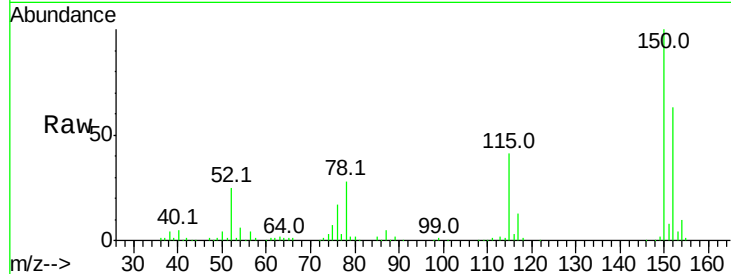
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	65.2	39.6	59.4

Manual Integrations
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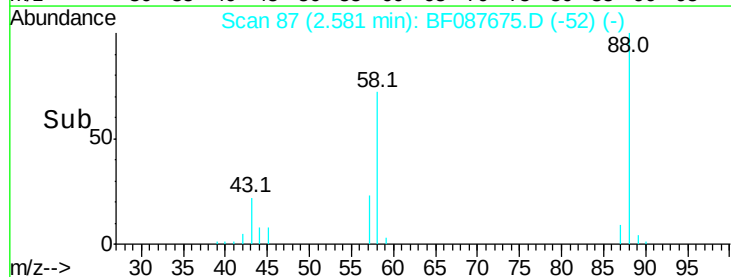
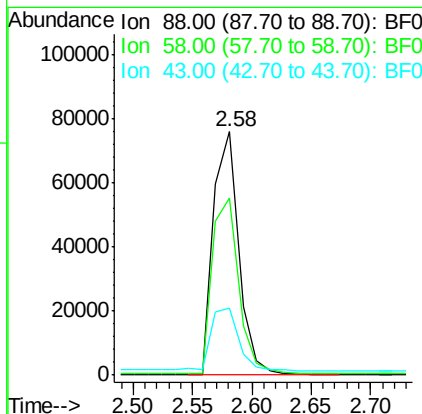
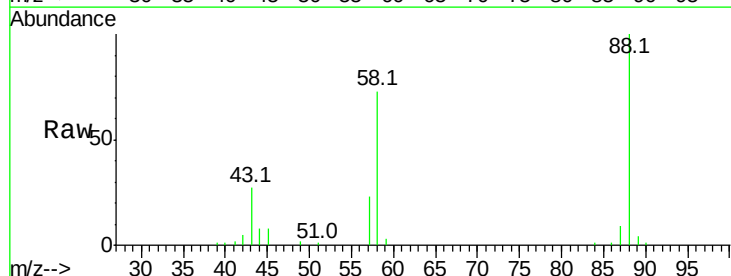
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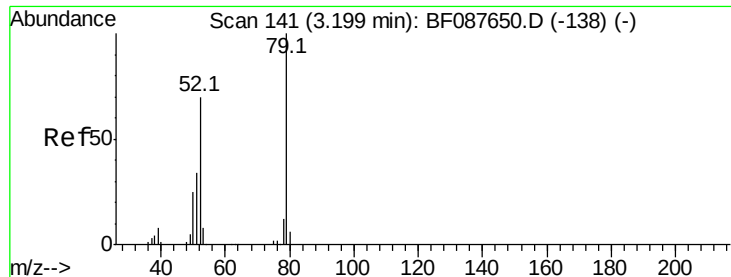


#2

1,4-Dioxane
Concen: 31.91 ng
RT: 2.58 min Scan# 87
Delta R.T. 0.10 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	0.0	0.0
43	28.3	3.4	5.2





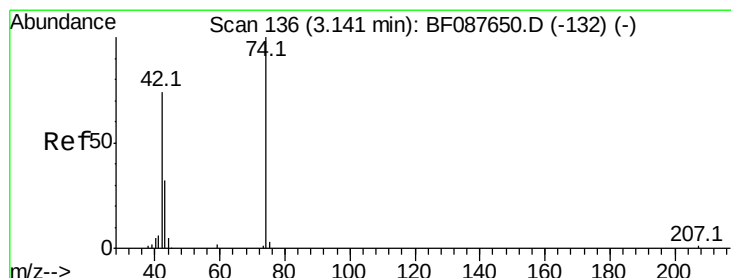
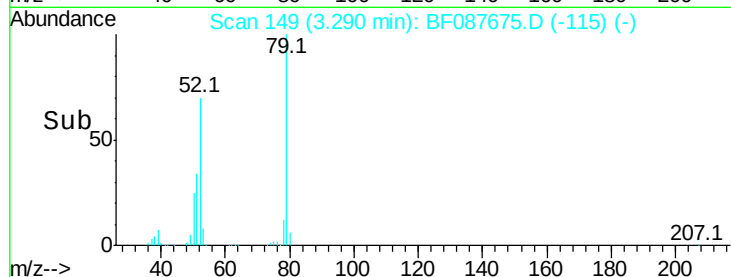
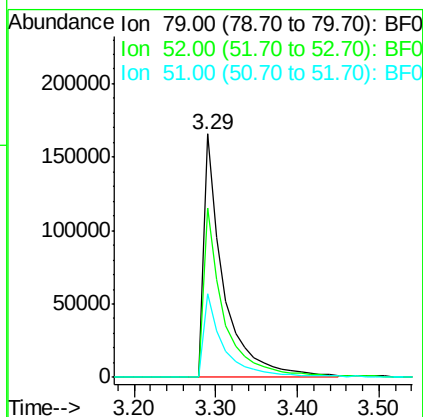
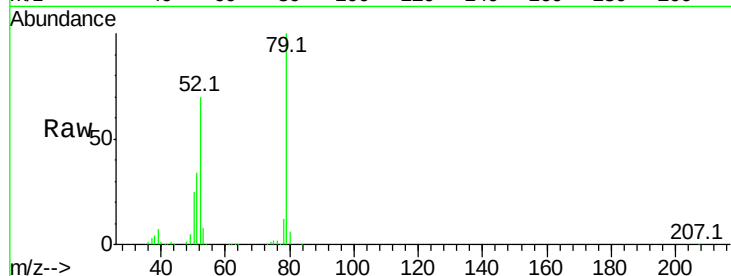
#3
 Pvridine
 Concen: 30.77 ng
 RT: 3.29 min Scan# 149
 Delta R.T. 0.09 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	56.3	84.5
51	34.2	27.4	41.2

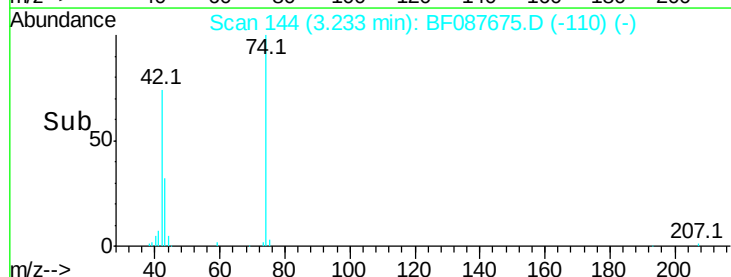
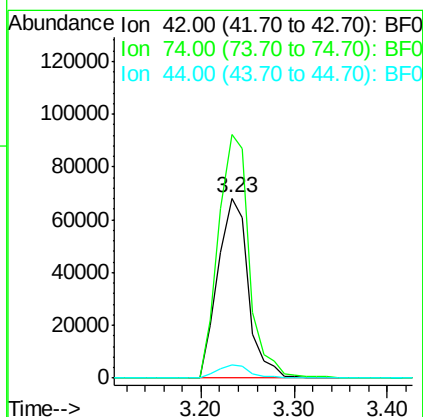
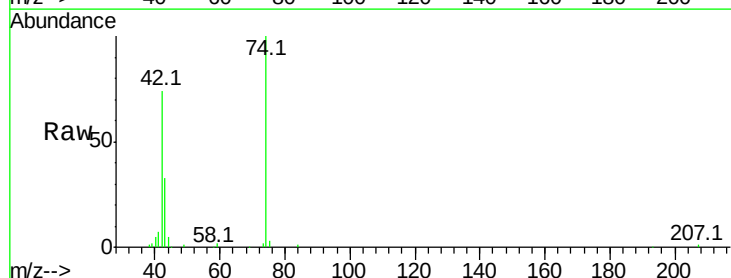
Manual Integrations
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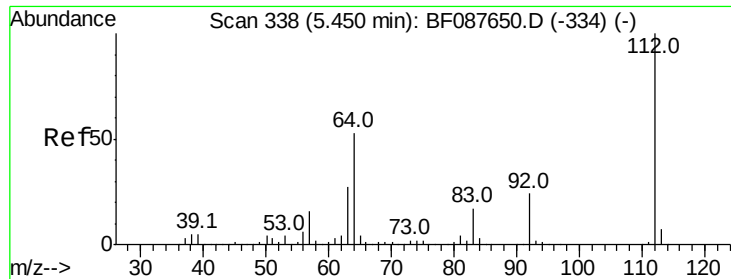
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#4
 n-Nitrosodimethylamine
 Concen: 39.46 ng
 RT: 3.23 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.3	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 104.18 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

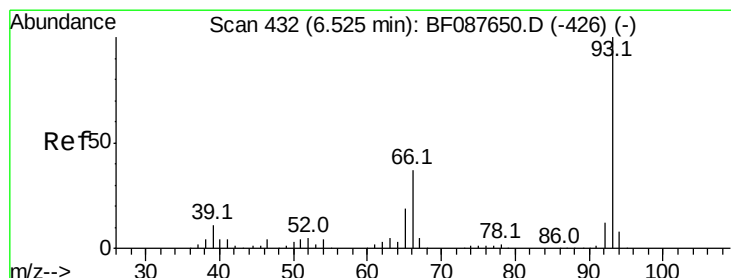
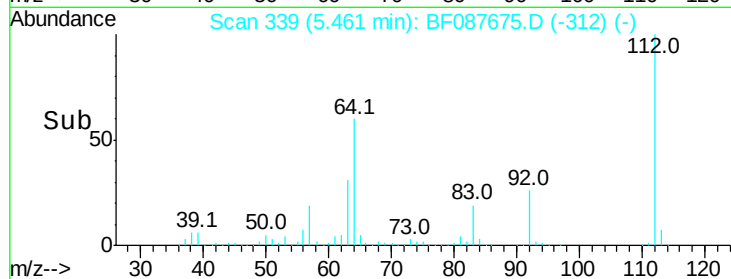
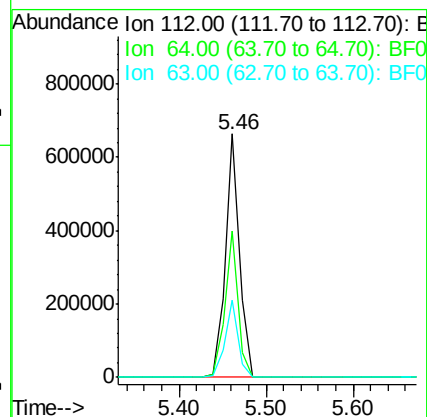
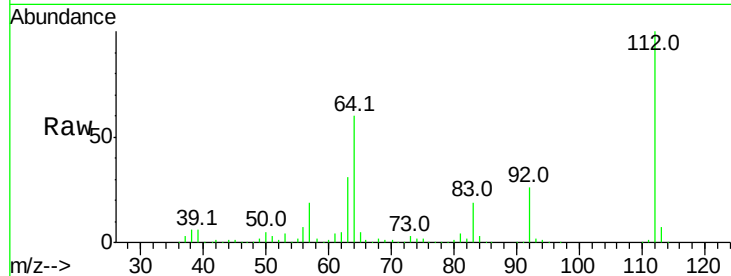
ClientSampleId :

PB91096BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	60.3	42.2	63.2
63	31.5	21.8	32.8

Manual Integrations
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#6

Aniline

Concen: 27.62 ng

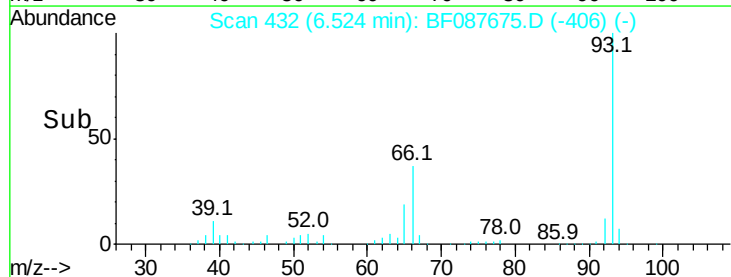
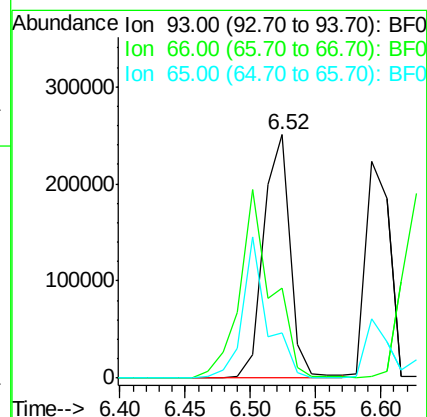
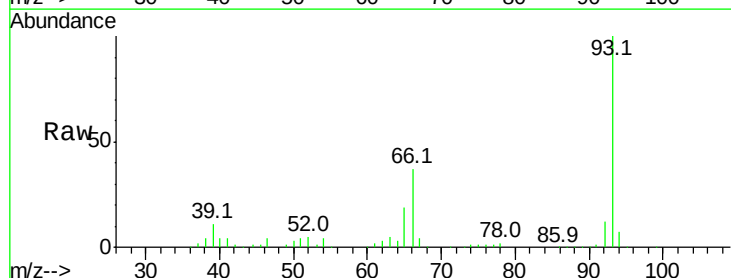
RT: 6.52 min Scan# 432

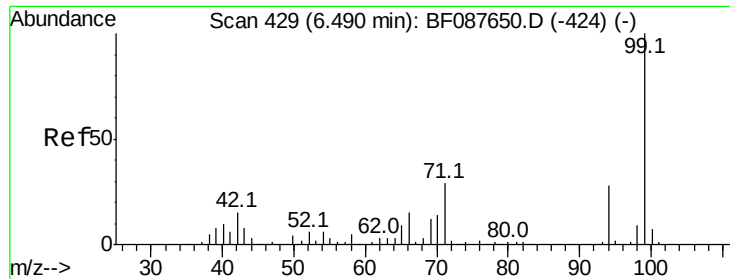
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	36.9	29.8	44.8
65	18.7	14.9	22.3





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampled :

PB91096BS

Tot Ion: 99 Resp: 1026207

Ion Ratio Lower Upper

99 100

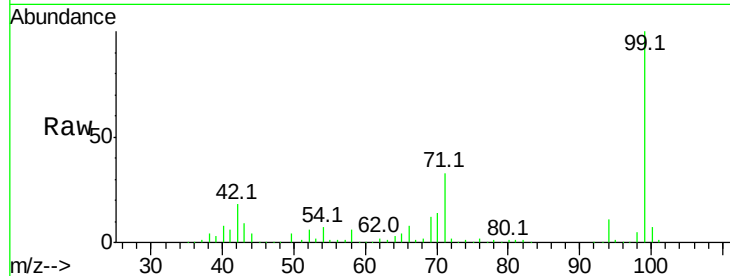
42 17.6 12.2 18.2

71 32.9 23.4 35.0

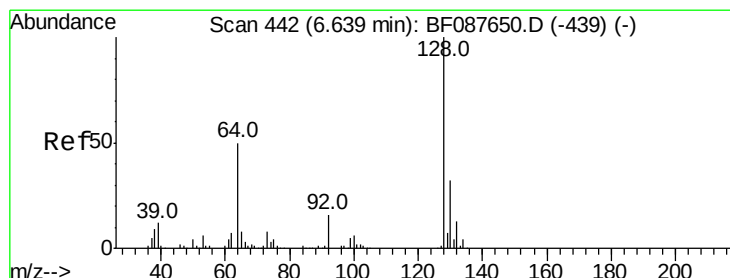
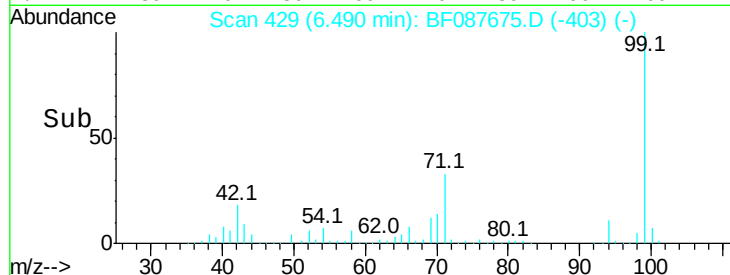
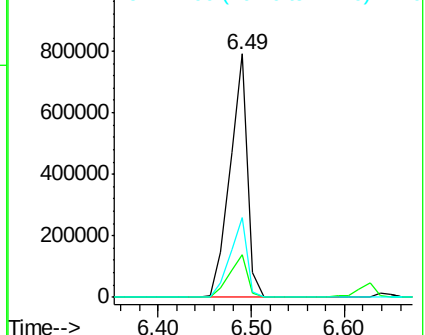
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.94 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

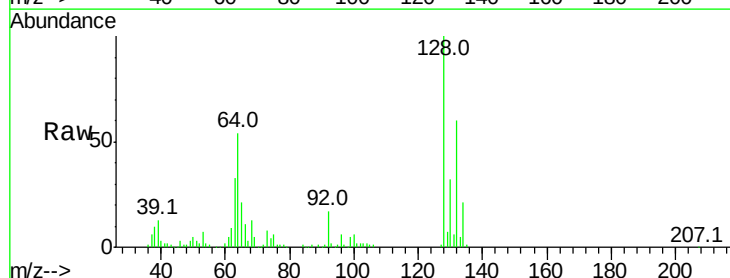
Tgt Ion: 128 Resp: 326249

Ion Ratio Lower Upper

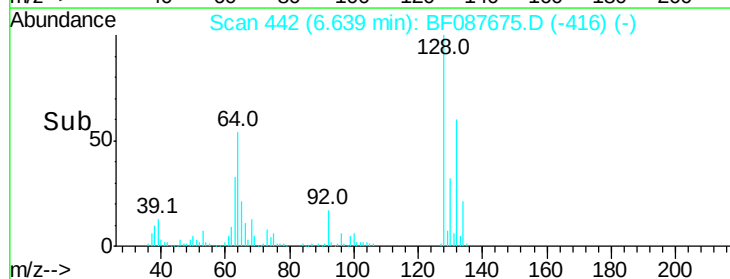
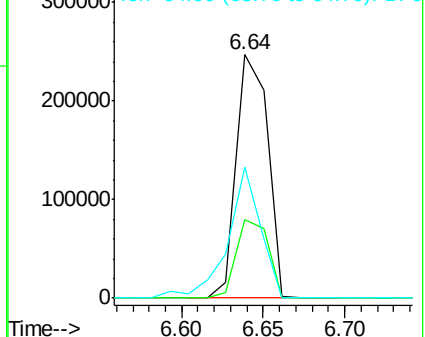
128 100

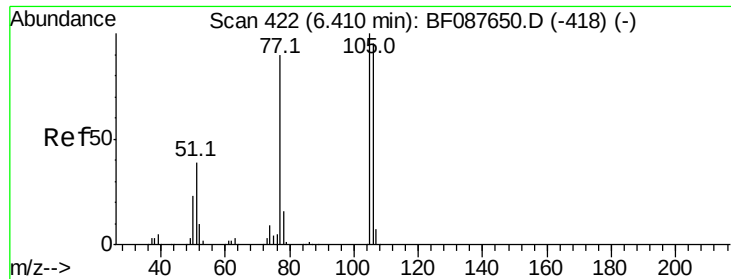
130 32.0 12.0 52.0

64 53.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

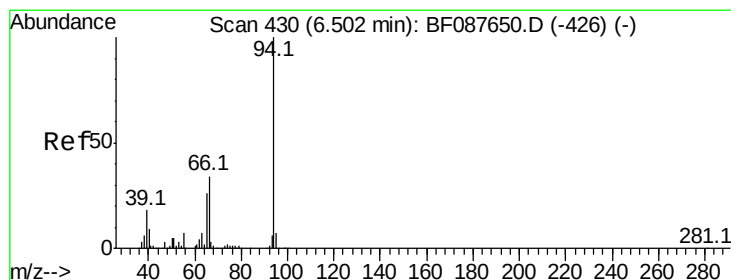
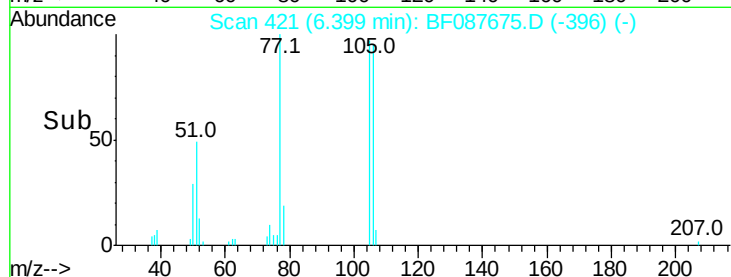
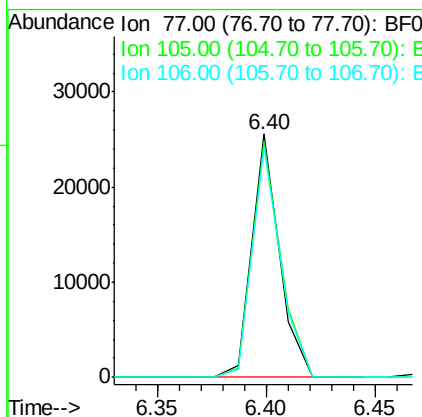
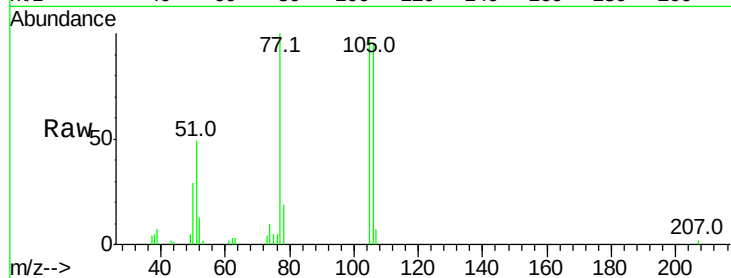
PB91096BS

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Tot Ion:	77	Resp:	22399
Ion	Ratio	Lower	Upper
77	100		
105	96.8	90.6	130.6
106	94.6	85.3	125.3



#10

Phenol

Concen: 42.79 ng

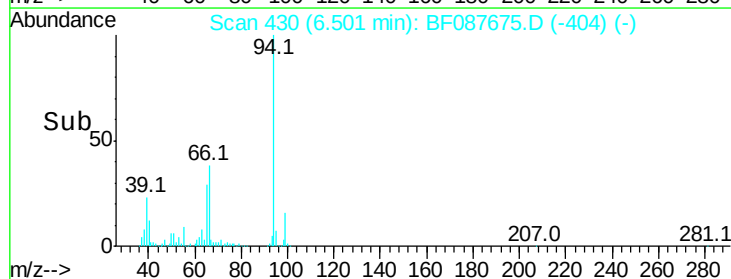
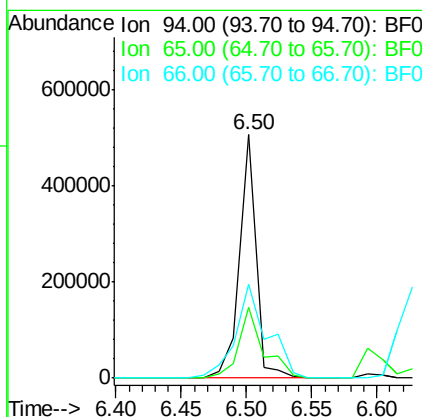
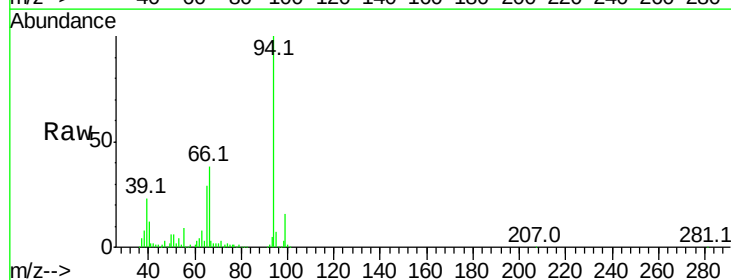
RT: 6.50 min Scan# 430

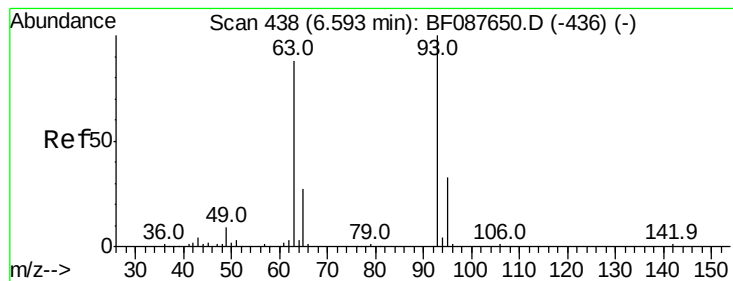
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	94	Resp:	444887
Ion	Ratio	Lower	Upper
94	100		
65	28.9	5.9	45.9
66	38.4	14.0	54.0





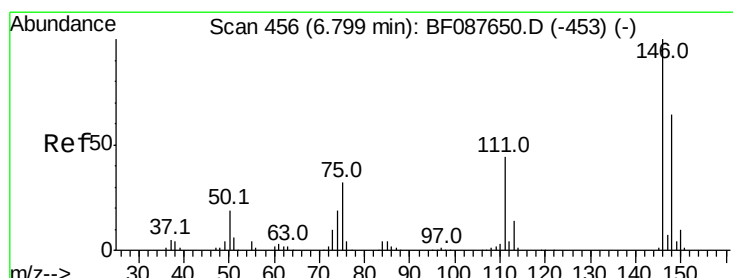
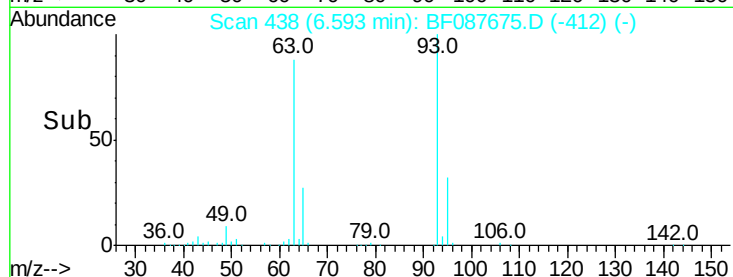
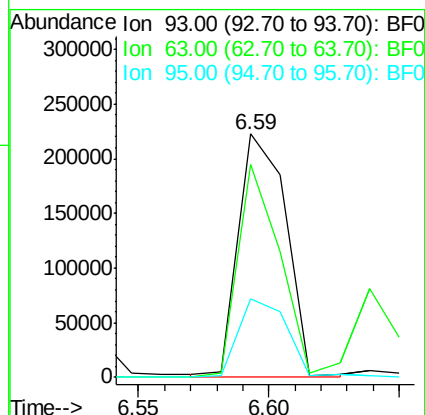
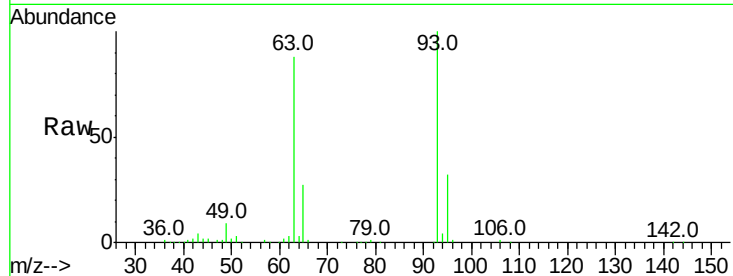
#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	285646		
63	87.6		67.6	107.6
95	32.2		12.5	52.5

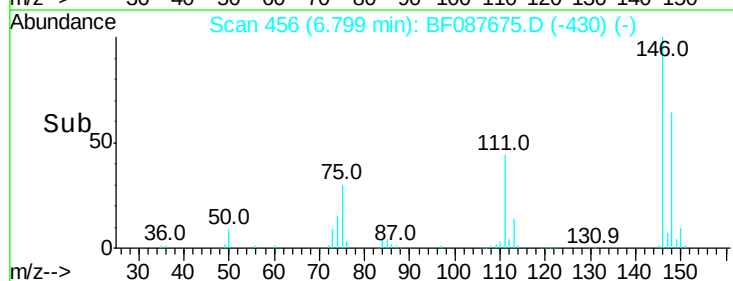
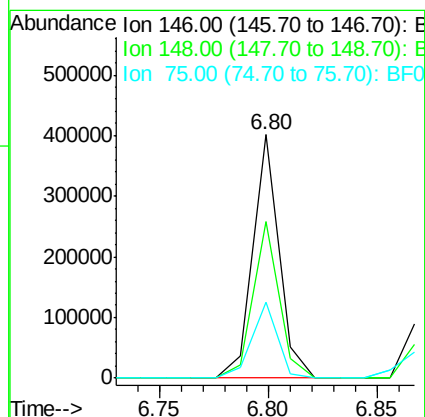
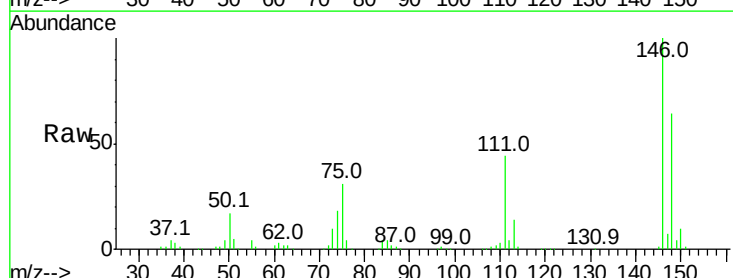
Manual Integrations
APPROVED

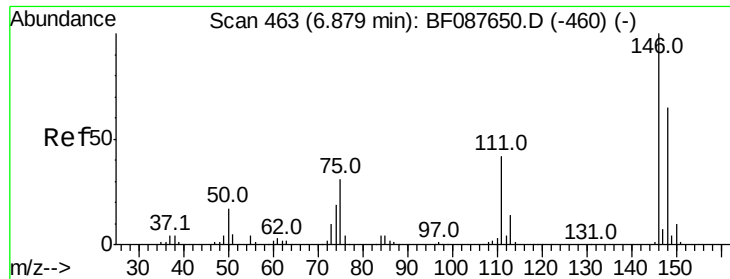
SOHIL
6/6/2016 7:18:31 PM



#12
1,3-Dichlorobenzene
Concen: 37.41 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	335624		
148	64.2		50.9	76.3
75	31.0		25.6	38.4





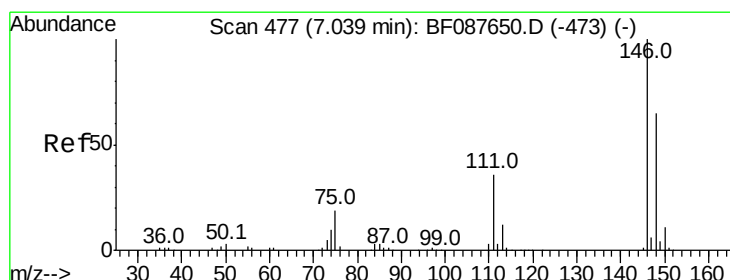
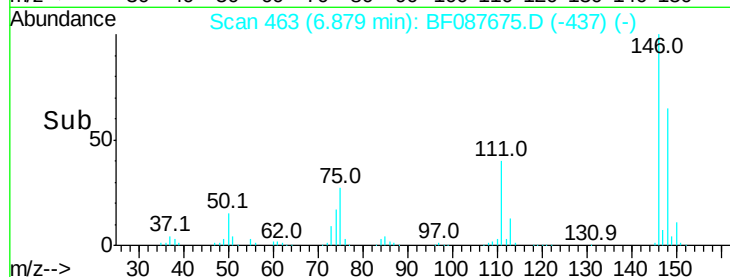
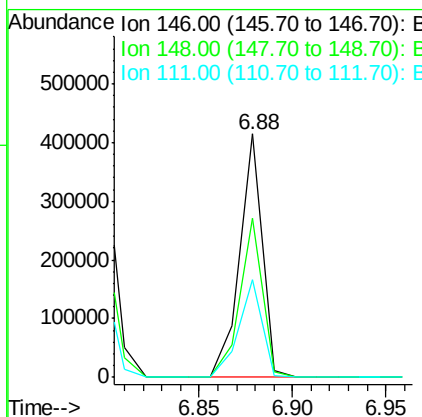
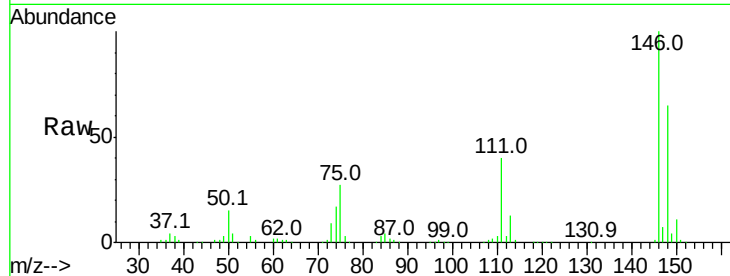
#13
 1,4-Dichlorobenzene
 Concen: 39.36 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleID :
 PB91096BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	39.9	33.8	50.8

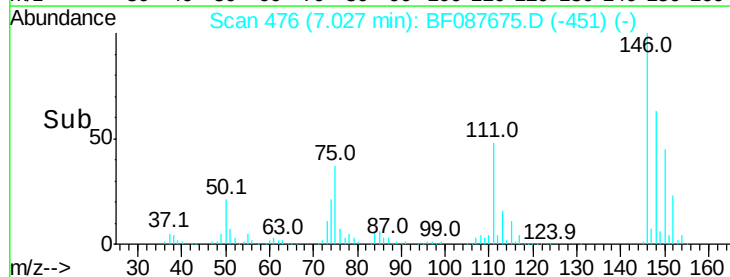
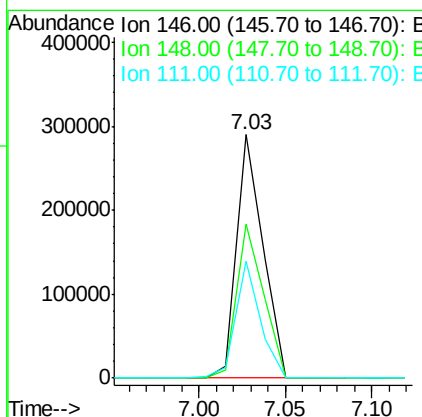
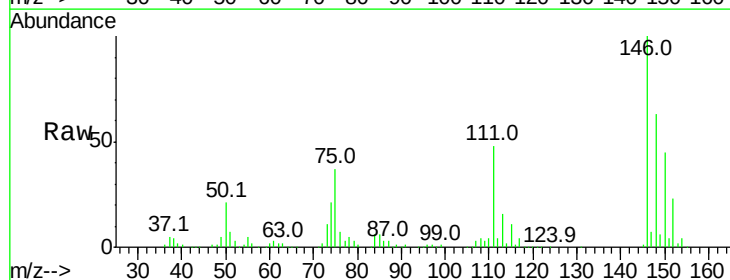
Manual Integrations
 APPROVED

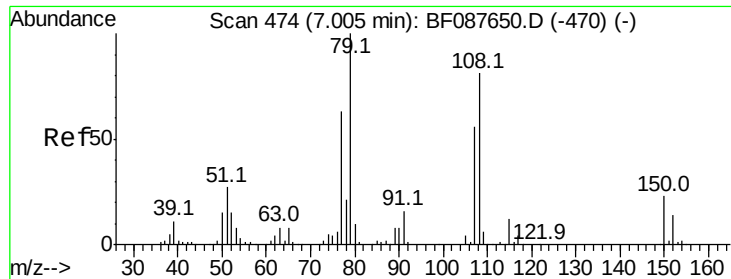
SOHIL
 6/6/2016 7:18:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.21 ng m
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
111	48.1	28.7	43.1#





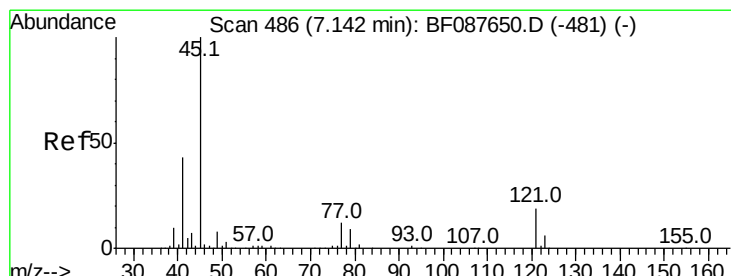
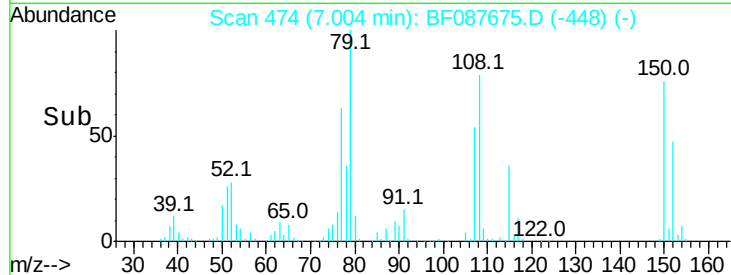
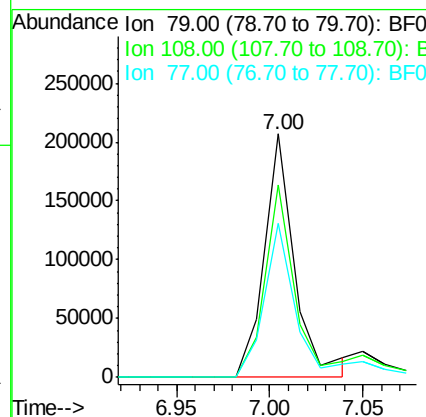
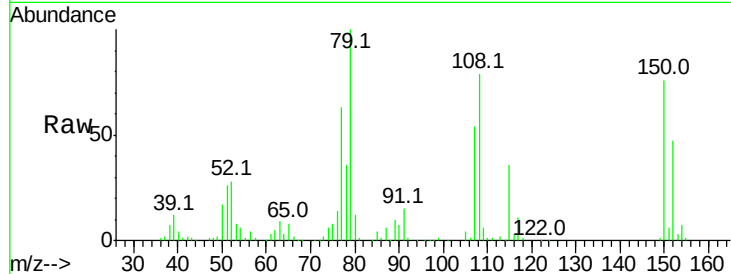
#15
Benzyl Alcohol
Concen: 34.45 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampled :
PB91096BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	65.0	97.6
77	63.4	50.3	75.5

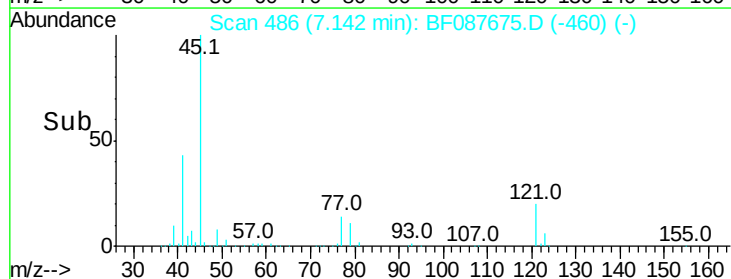
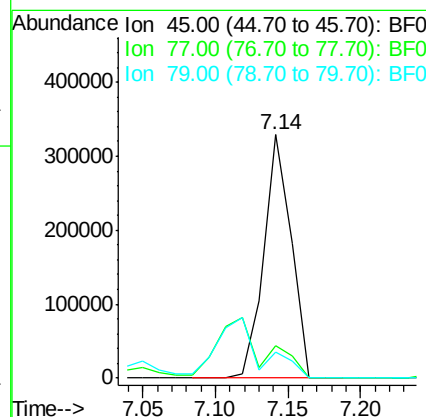
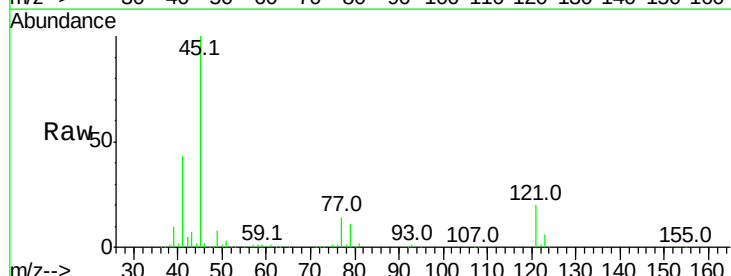
Manual Integrations
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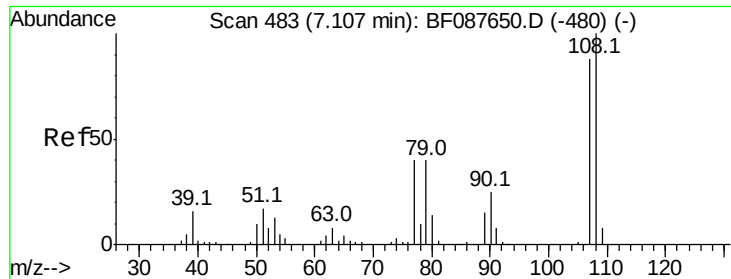
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.89 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	32.5
79	10.6	0.0	29.5





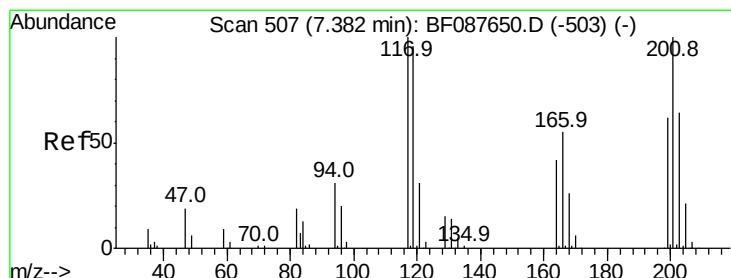
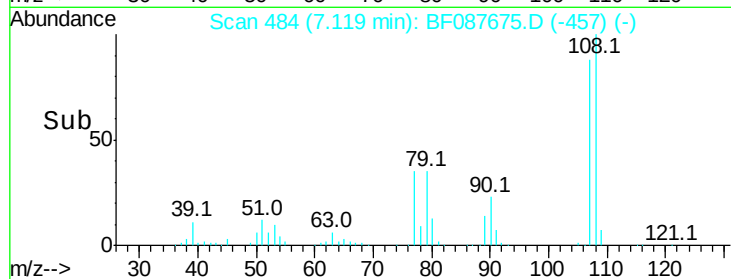
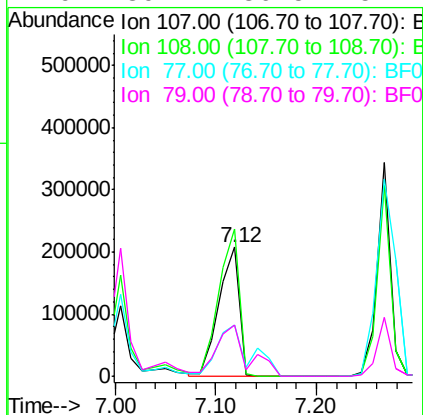
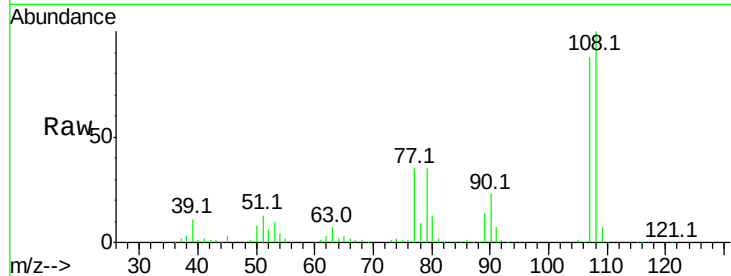
#17
2-Methylphenol
Concen: 43.45 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	292306		
108	113.9	90.9	136.3	
77	39.6	36.6	55.0	
79	39.4	36.5	54.7	

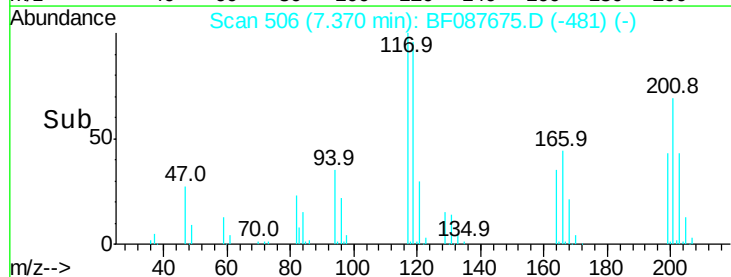
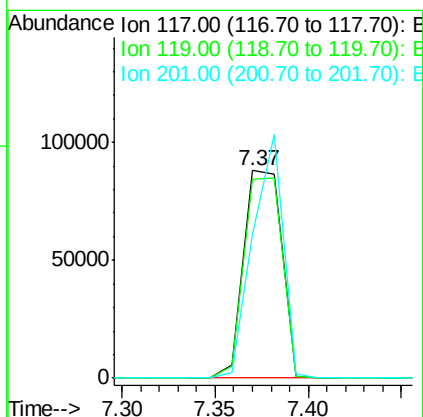
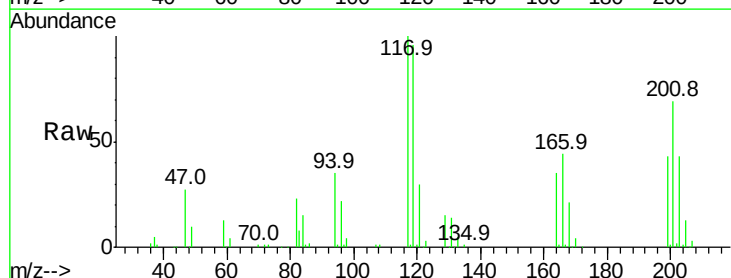
Manual Integrations
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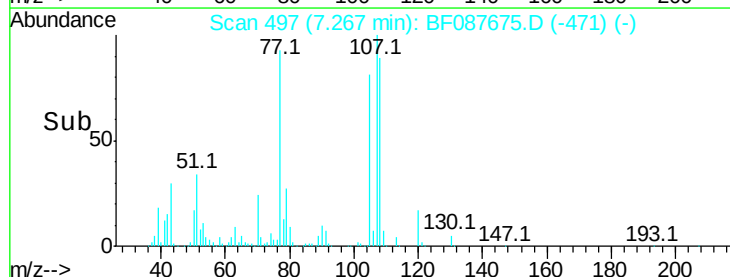
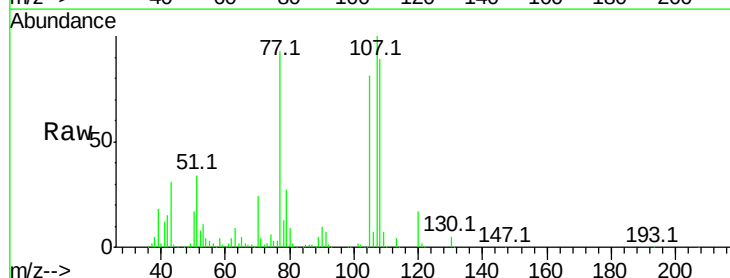
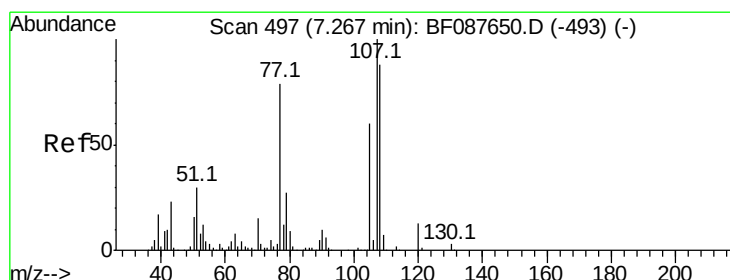
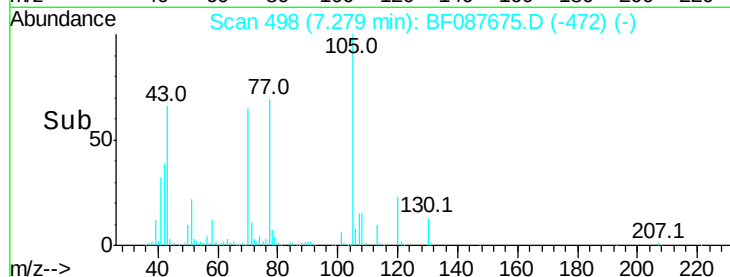
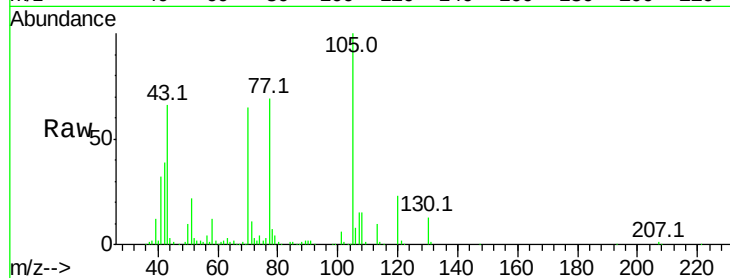
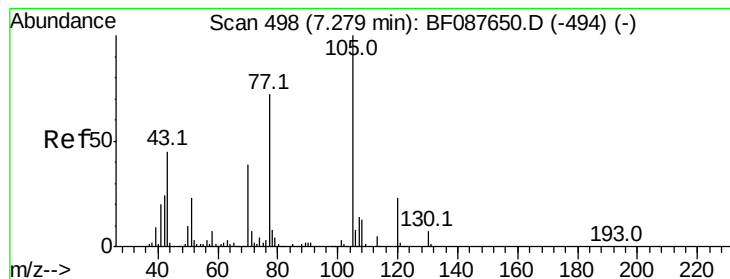
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#18
Hexachloroethane
Concen: 39.38 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123953		
119	95.5	77.4	116.2	
201	69.1	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 36.91 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampled :

PB91096BS

Tot Ion: 70 Resp: 210473

Ion Ratio Lower Upper

70 100

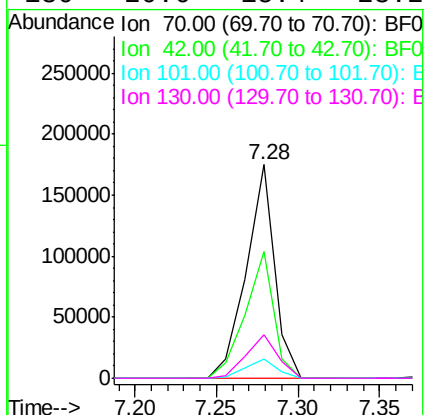
42 59.4 49.6 74.4

101 9.2 7.1 10.7

130 20.6 15.4 23.2

Manual Integrations
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#20

3+4-Methylphenols

Concen: 39.54 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion: 107 Resp: 325954

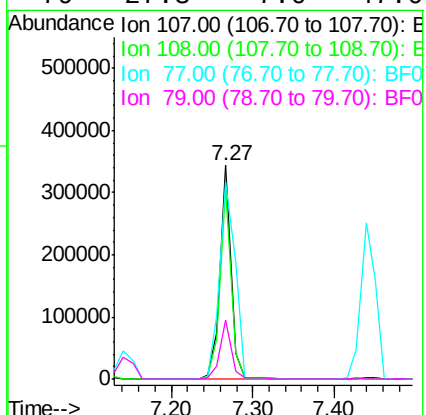
Ion Ratio Lower Upper

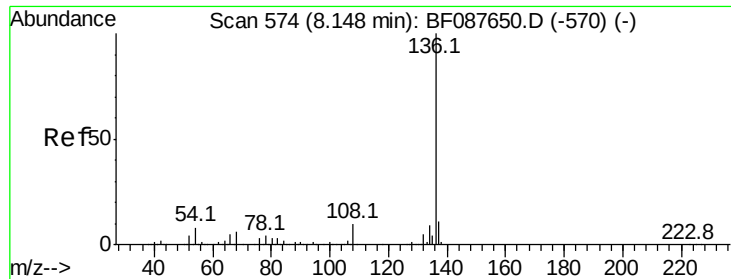
107 100

108 89.1 67.8 107.8

77 92.6 59.3 99.3

79 27.3 7.0 47.0





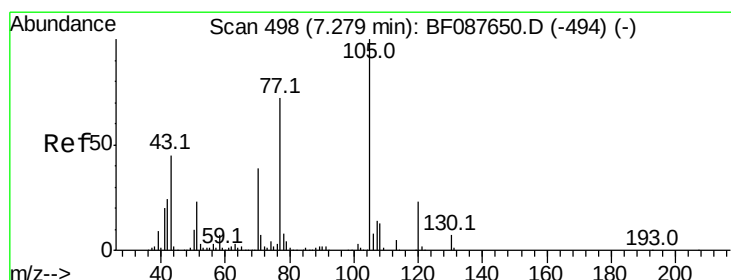
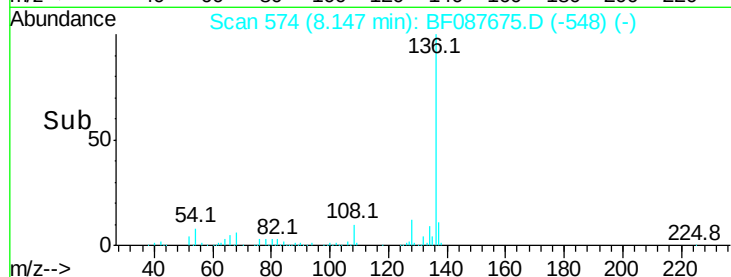
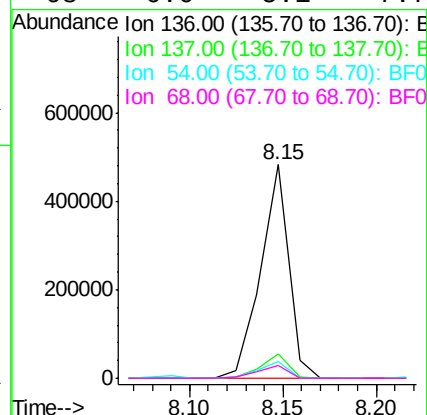
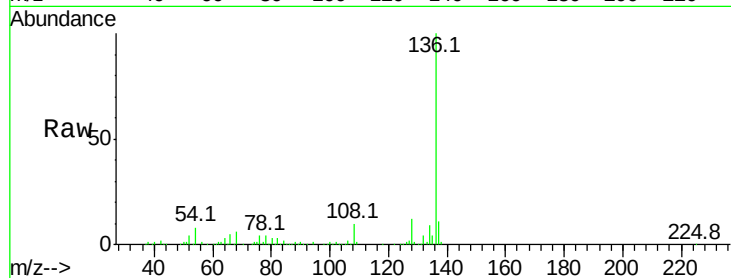
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	6.6	10.0
68	6.0	5.1	7.7

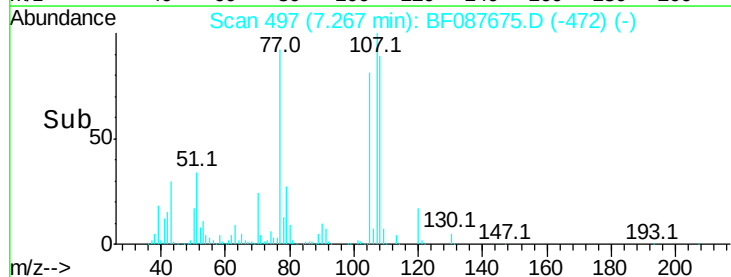
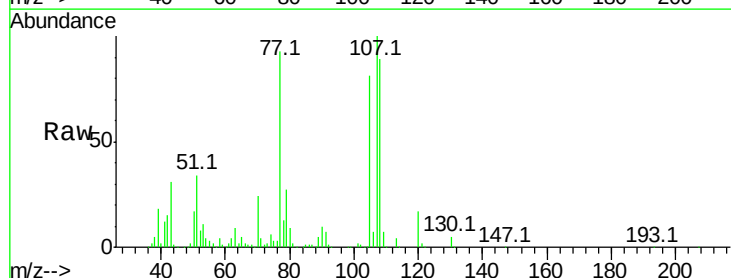
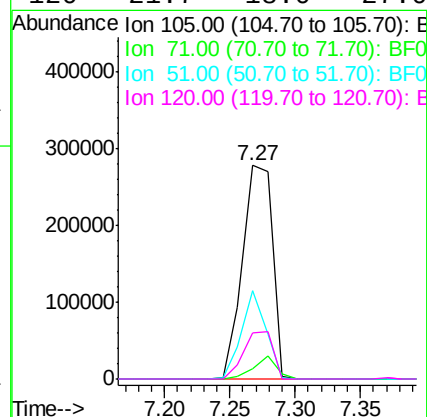
Manual Integrations
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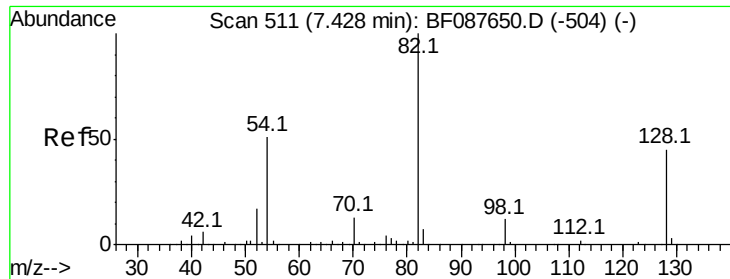
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#22
Acetophenone
Concen: 39.03 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.0	5.3	7.9#
51	41.5	18.2	27.4#
120	21.7	18.0	27.0





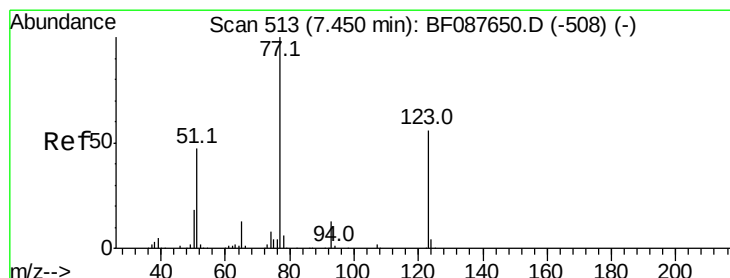
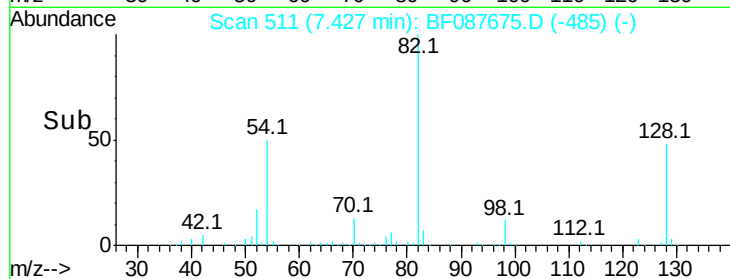
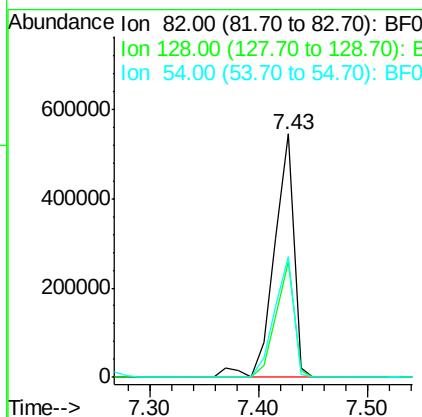
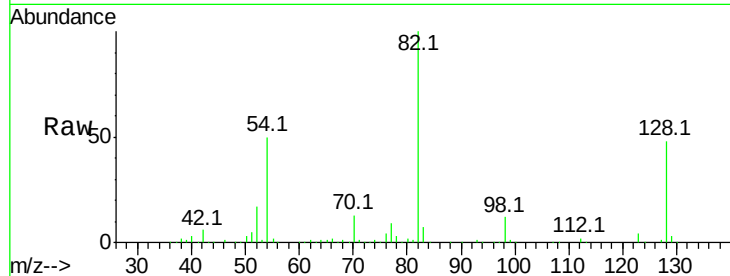
#23
Nitrobenzene-d5
Concen: 78.77 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	35.9	53.9	
54	49.6	40.9	61.3	

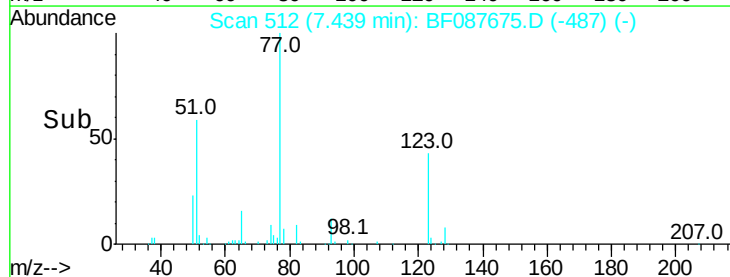
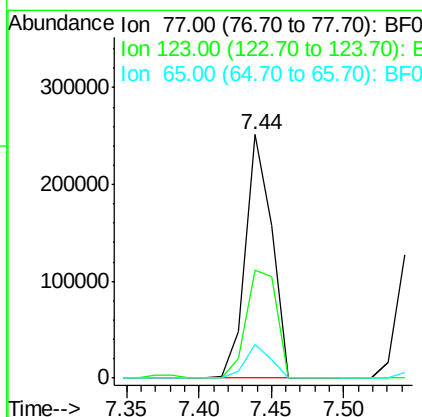
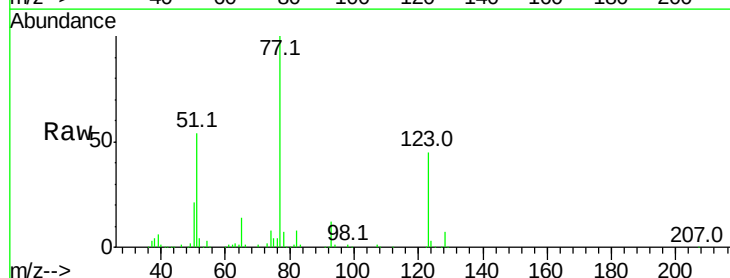
Manual Integrations
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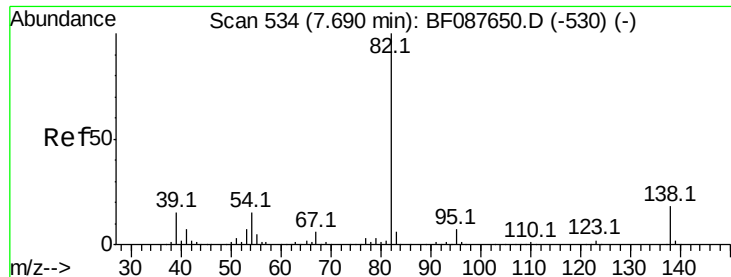
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#24
Nitrobenzene
Concen: 36.56 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.6	45.0	67.4#	
65	13.9	10.2	15.2	





#25

Isophorone

Concen: 39.32 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

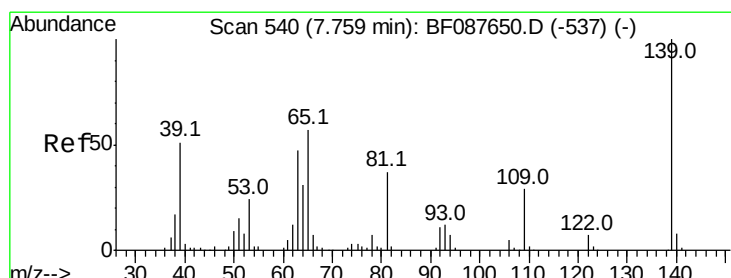
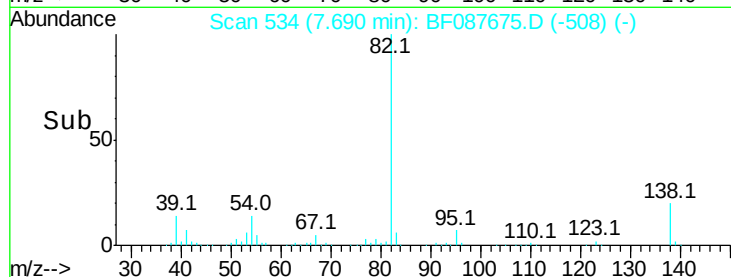
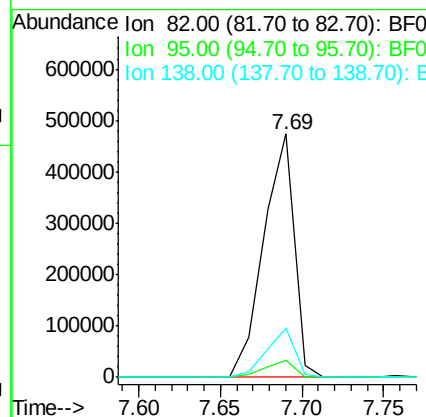
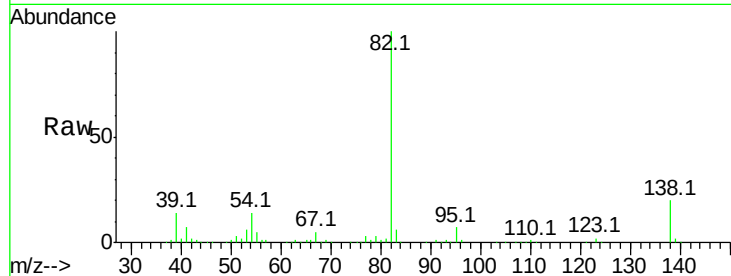
ClientSampleId :

PB91096BS

Tot Ion:	82	Resp:	619338
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	20.2	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.52 ng

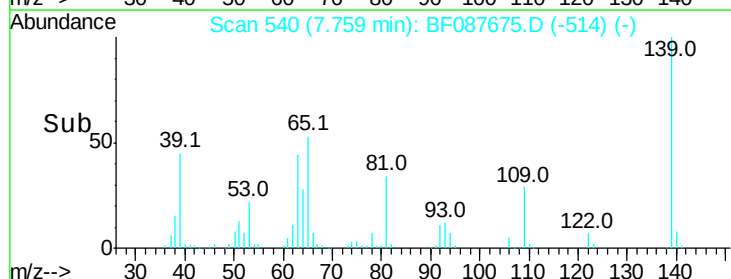
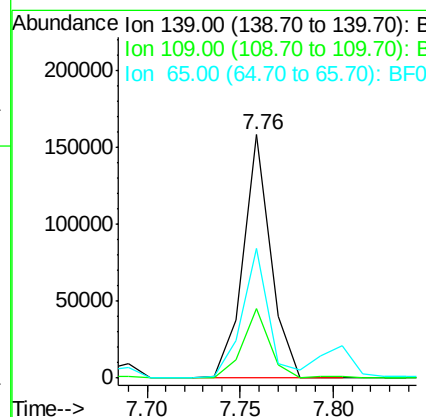
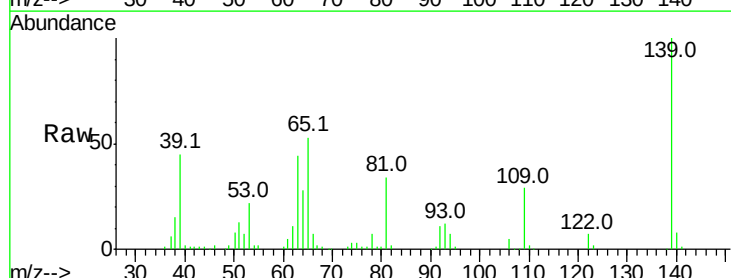
RT: 7.76 min Scan# 540

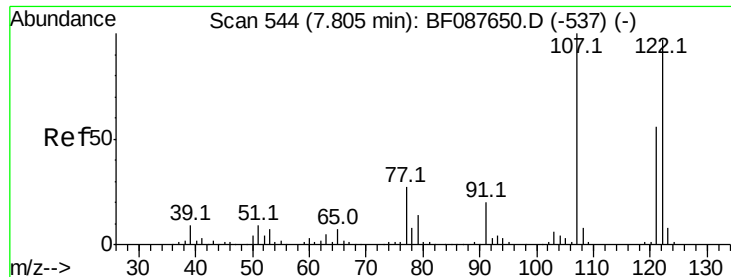
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	139	Resp:	163051
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.0	34.4
65	53.2	45.8	68.8





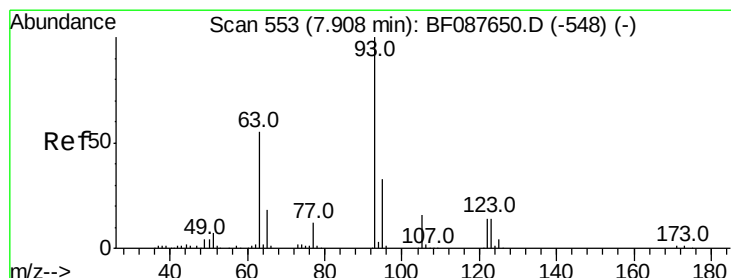
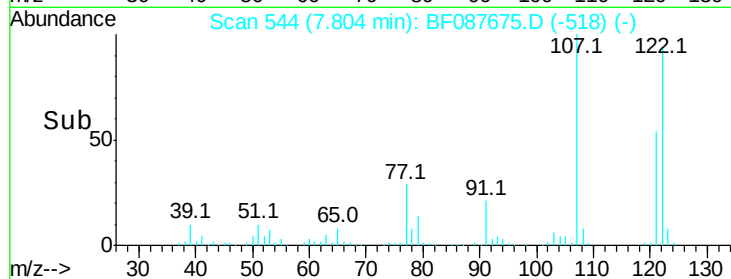
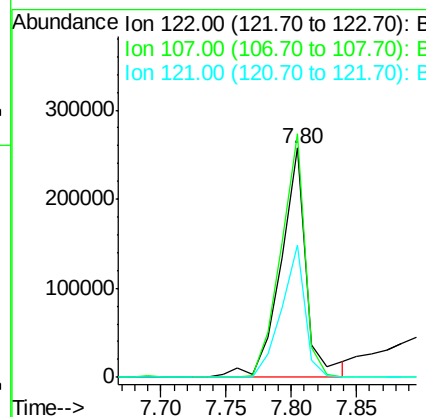
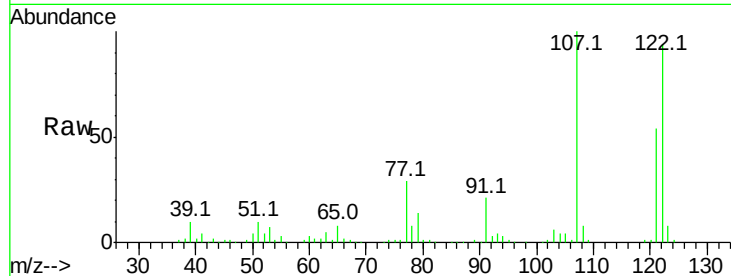
#27
2,4-Dimethylphenol
Concen: 42.70 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	356041		
107	106.2	82.4	123.6	
121	57.6	46.3	69.5	

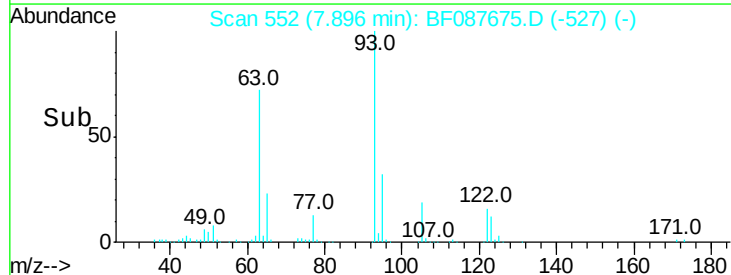
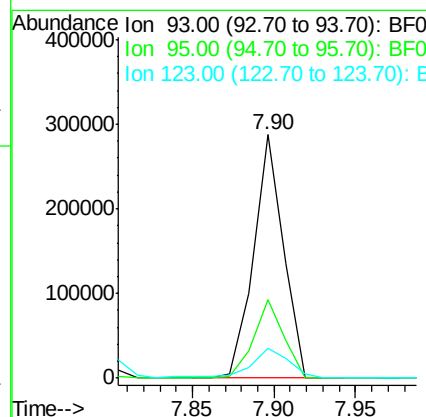
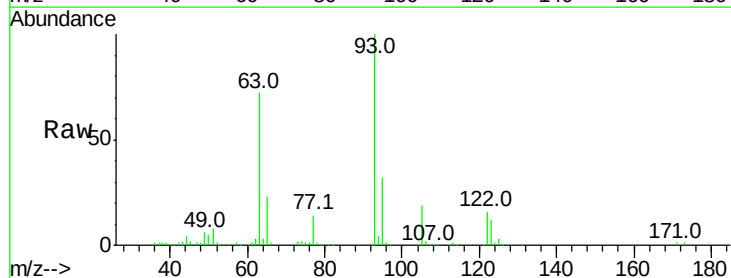
Manual Integrations
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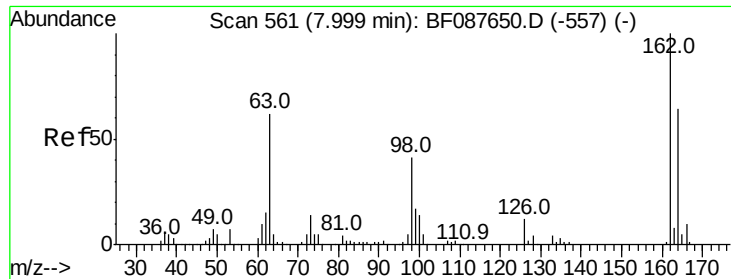
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 36.21 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	361822		
95	32.3	26.5	39.7	
123	12.0	11.6	17.4	





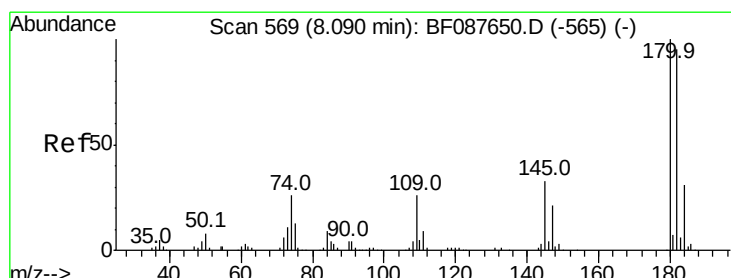
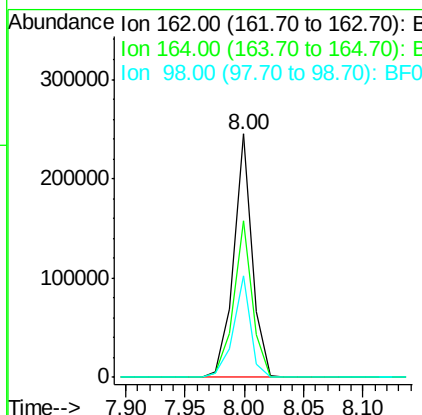
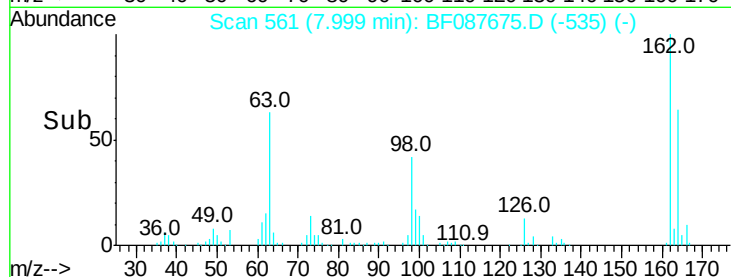
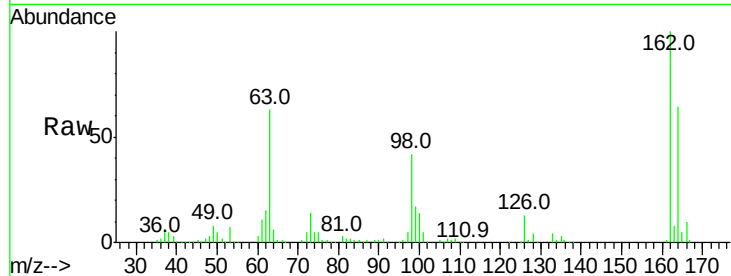
#29
 2,4-Dichlorophenol
 Concen: 38.94 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	43.8	83.8
98	41.5	21.3	61.3

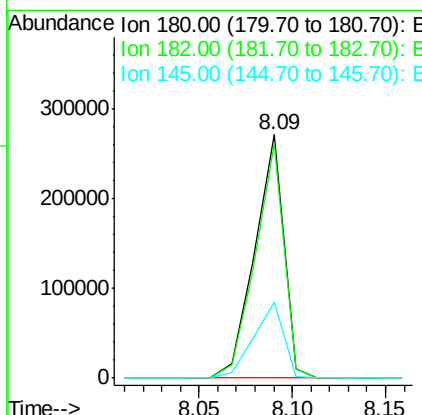
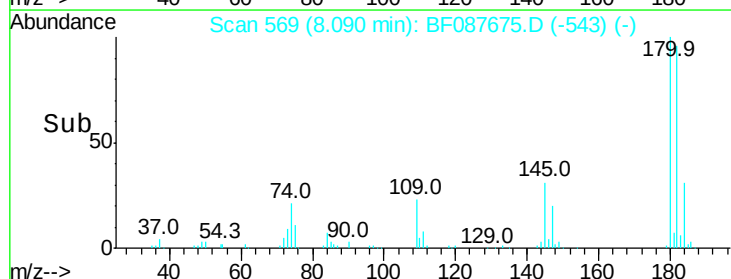
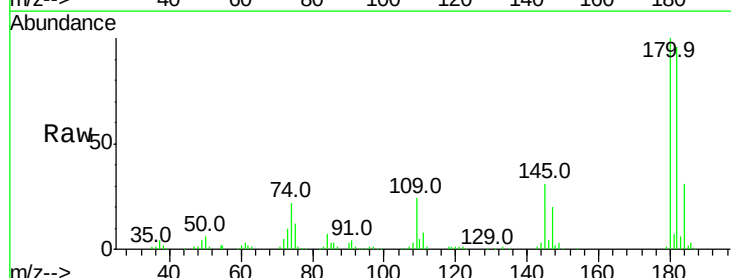
Manual Integrations
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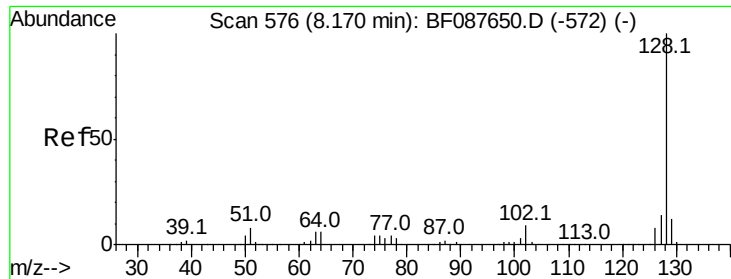
SOHIL
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.55 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	76.0	114.0
145	31.3	26.5	39.7





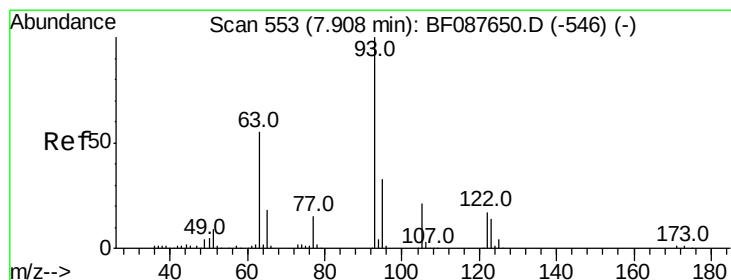
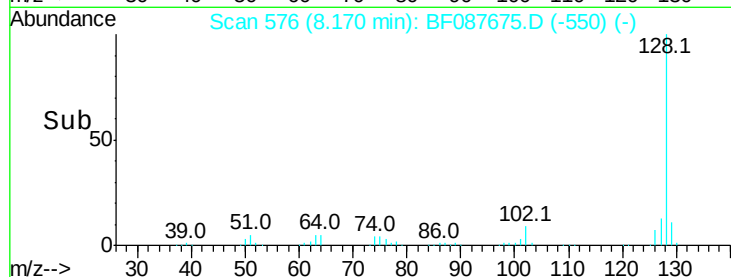
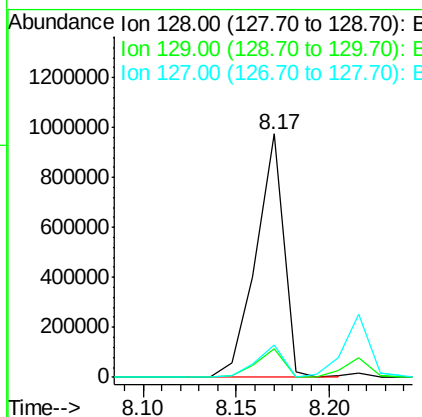
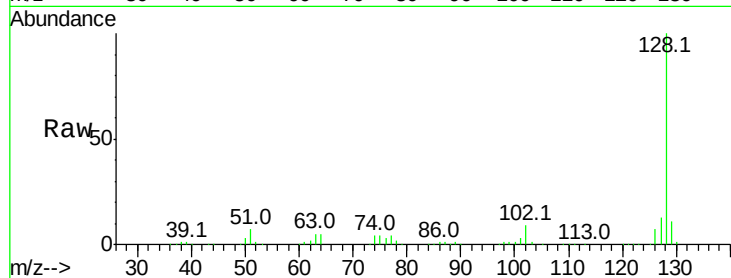
#31
Naphthalene
Concen: 41.23 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion:128 Resp: 1003492
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.4 10.9 16.3

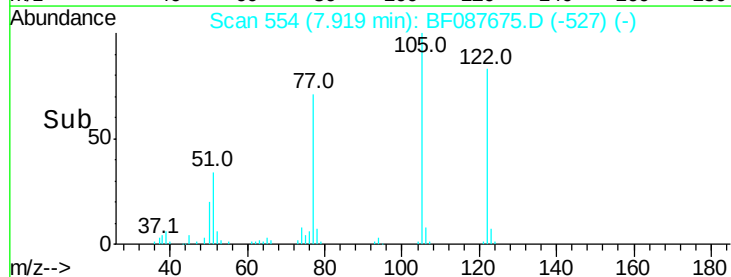
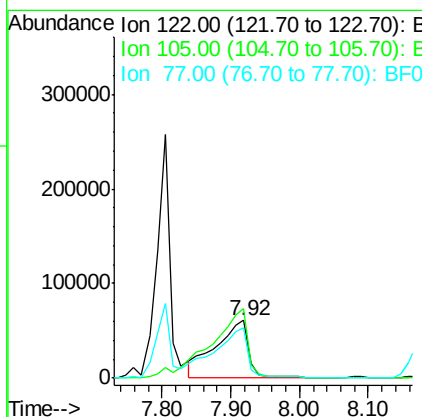
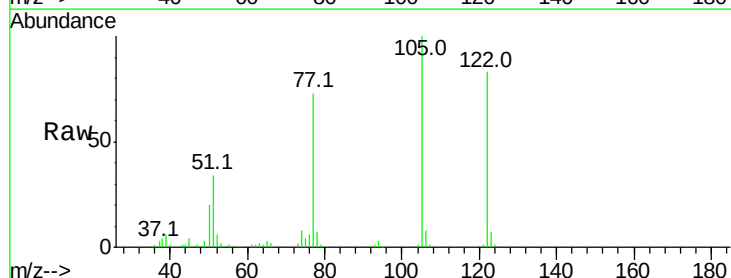
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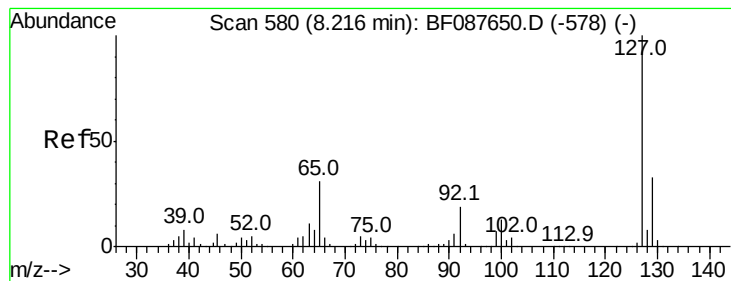
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#32
Benzoic acid
Concen: 41.34 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:122 Resp: 207968
Ion Ratio Lower Upper
122 100
105 121.1 101.6 141.6
77 88.2 70.6 110.6





#33

4-Chloroaniline

Concen: 23.86 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

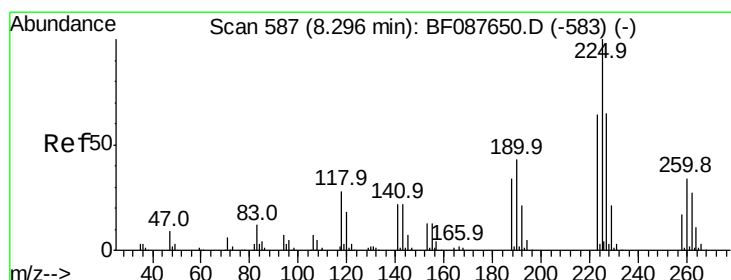
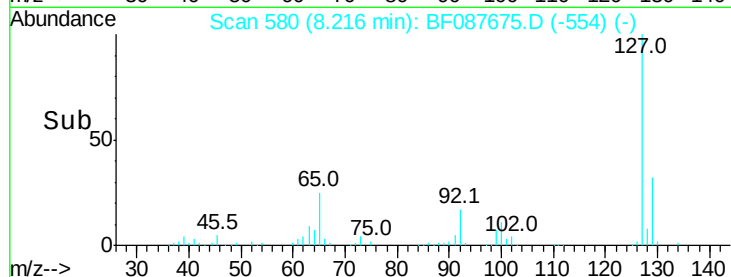
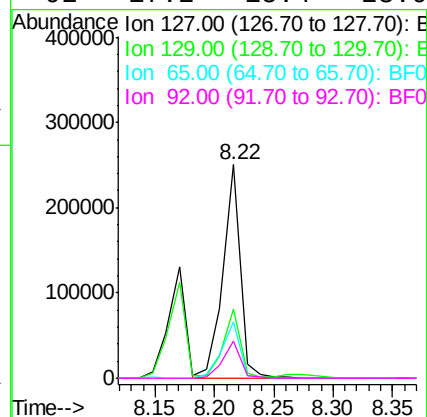
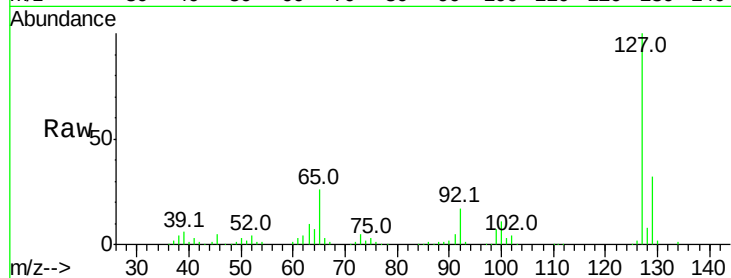
ClientSampleId :

PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	252226		
129	32.1		26.3	39.5
65	26.2		24.7	37.1
92	17.2		15.4	23.0

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 38.07 ng

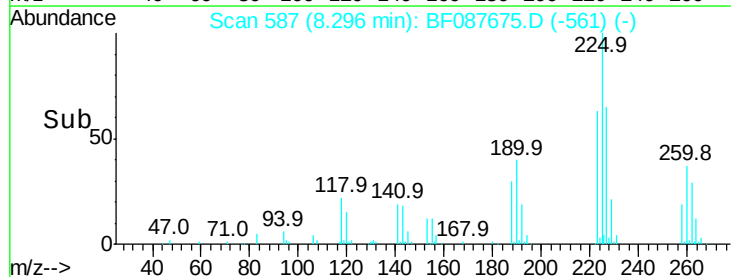
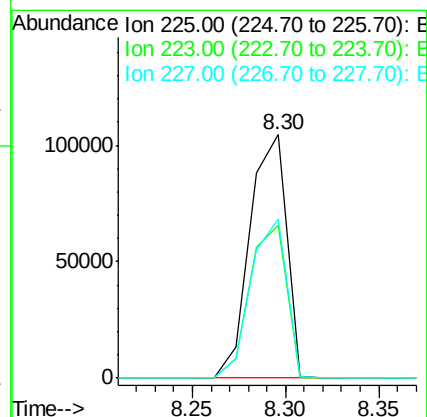
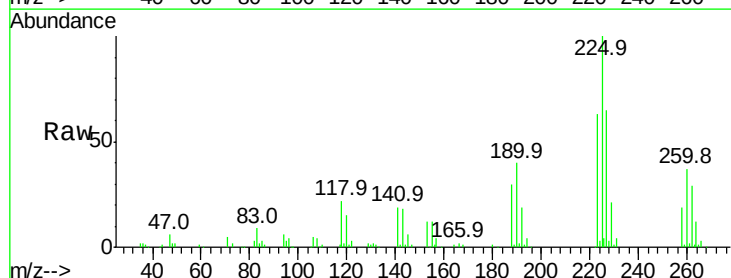
RT: 8.30 min Scan# 587

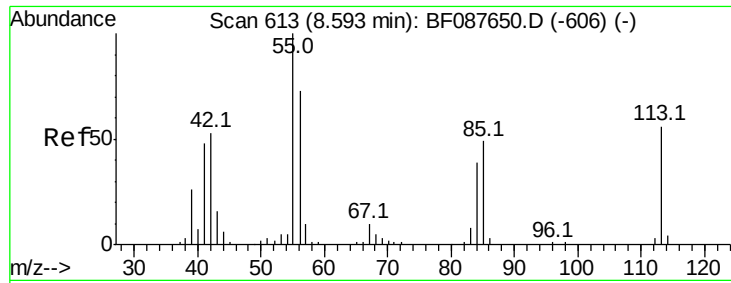
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141961		
223	62.5		50.9	76.3
227	65.3		51.9	77.9





#35

Caprolactam

Concen: 40.65 ng/ml

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tot Ion:113 Resp: 91456

Ion Ratio Lower Upper

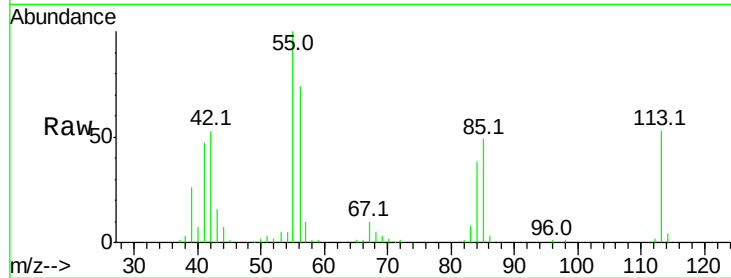
113 100

55 189.0 158.6 198.6

56 140.3 110.6 150.6

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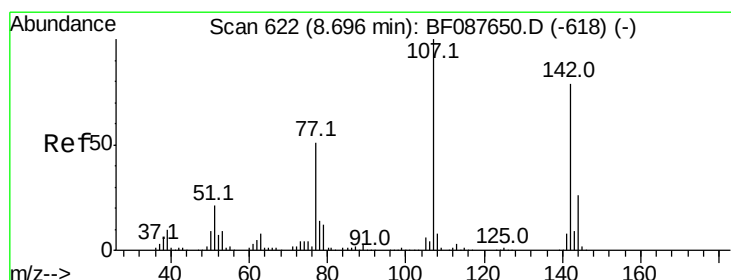
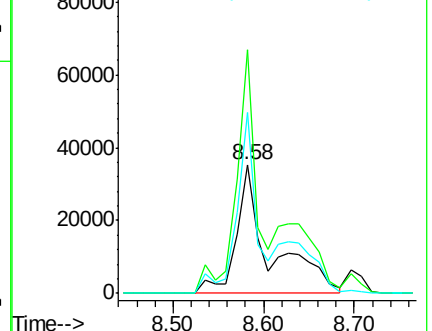
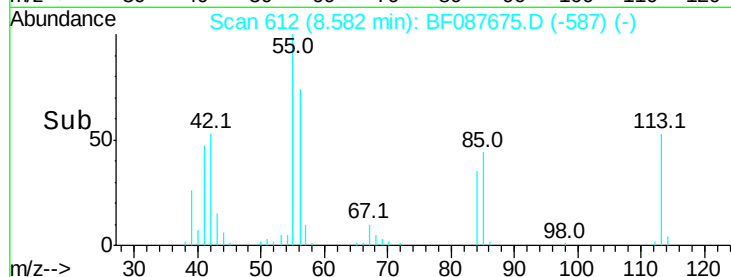
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.58 ng/ml

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

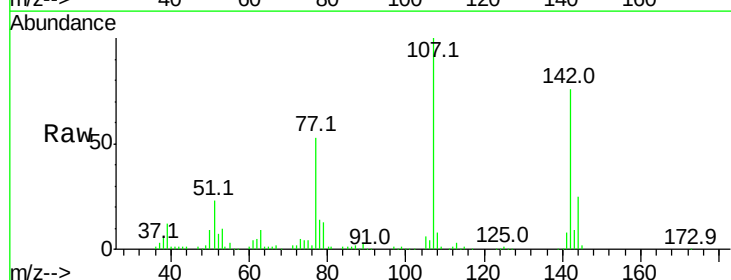
Tgt Ion:107 Resp: 287500

Ion Ratio Lower Upper

107 100

144 25.0 20.8 31.2

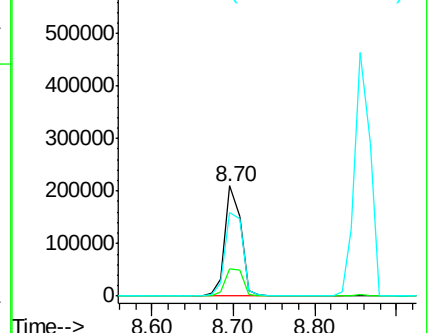
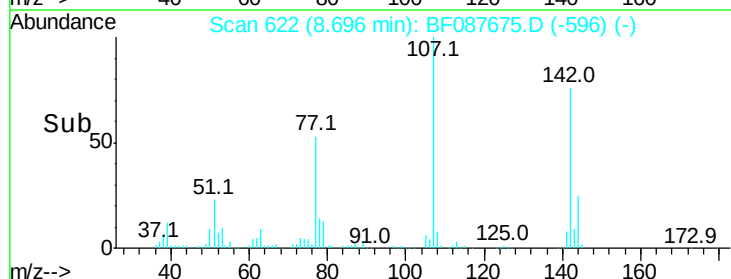
142 75.9 63.4 95.2

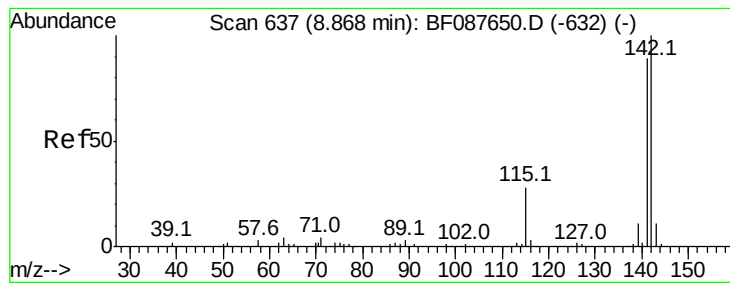


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.13 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

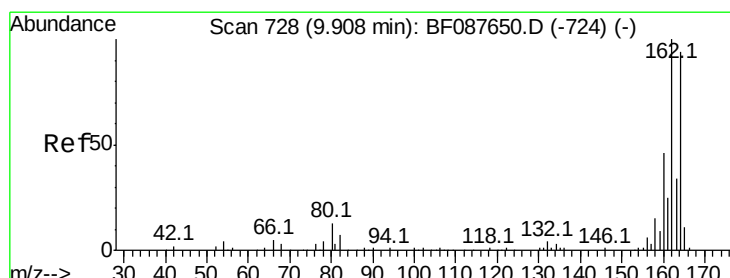
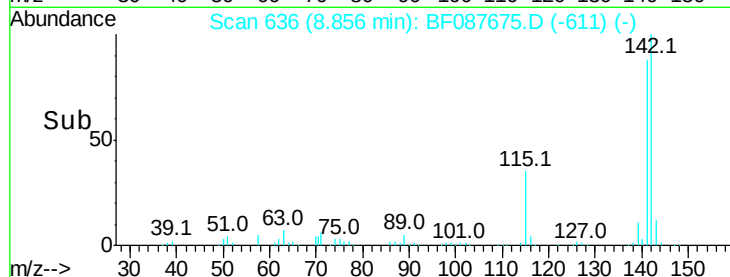
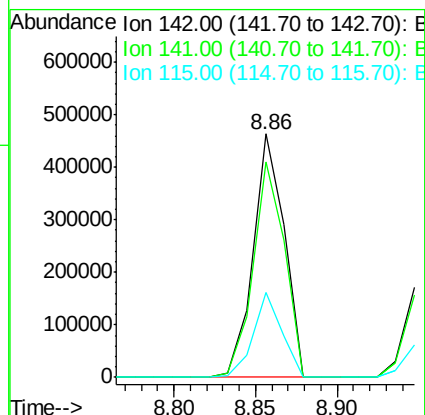
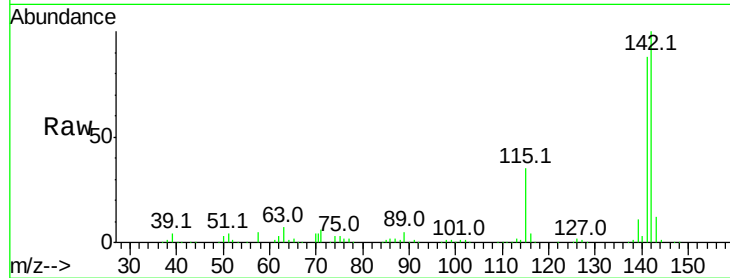
ClientSampleId :

PB91096BS

Tot Ion:	142	Resp:	612914
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.0	106.6
115	34.7	22.6	33.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng

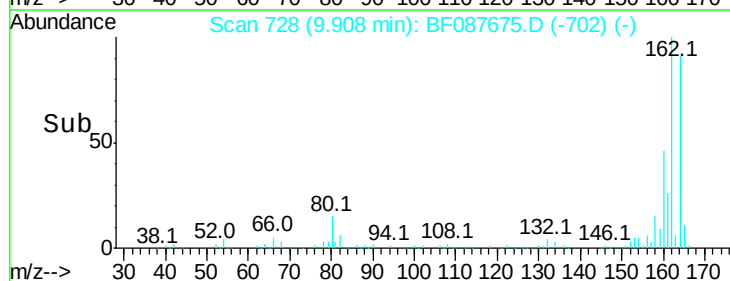
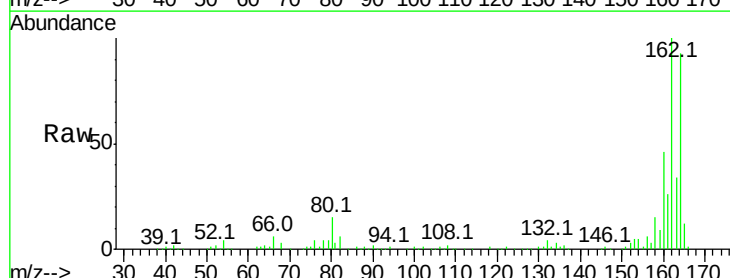
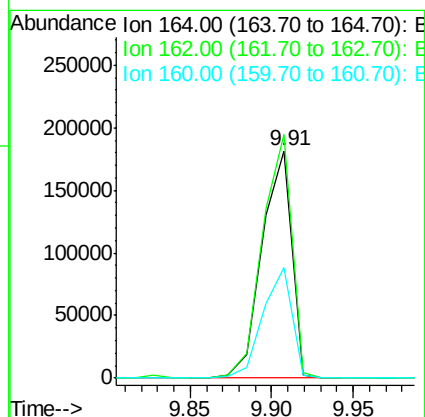
RT: 9.91 min Scan# 728

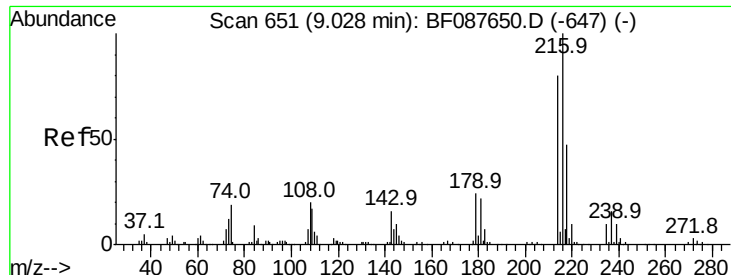
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	164	Resp:	229236
Ion Ratio	Lower	Upper	
164	100		
162	107.0	85.4	128.2
160	48.8	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.09 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tot Ion:216 Resp: 253251
Ion Ratio Lower Upper

216 100

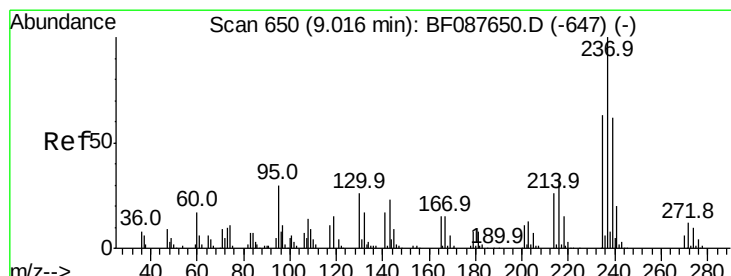
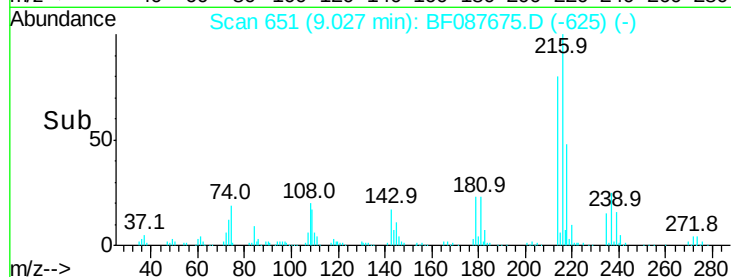
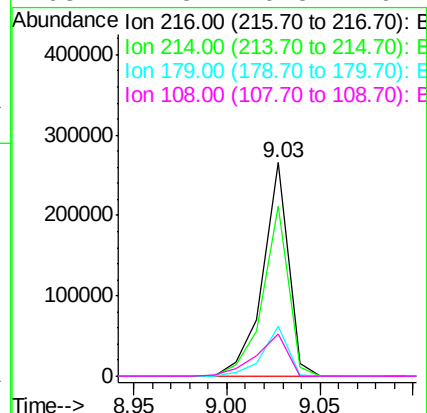
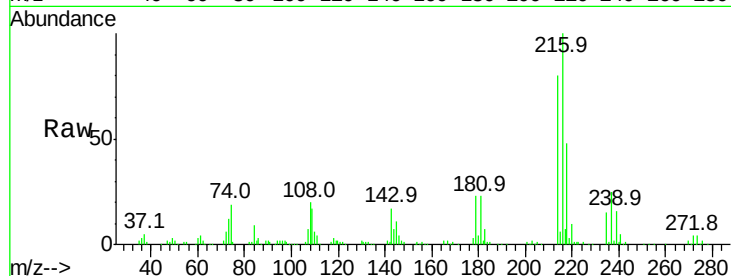
214 79.5 2.9 4.3#

179 23.1 0.0 0.0#

108 24.3 0.5 0.7#

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 75.34 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087675.D

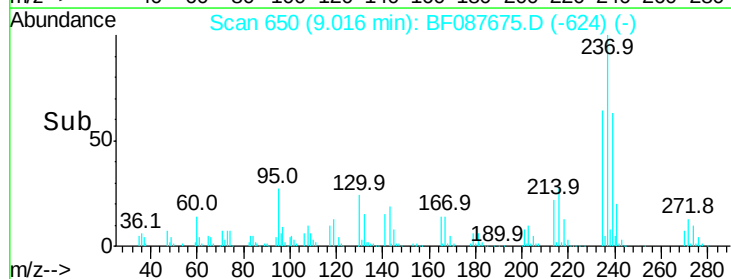
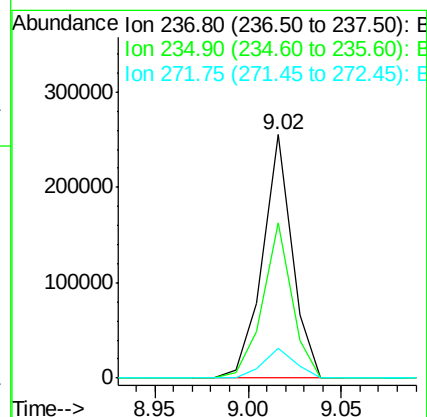
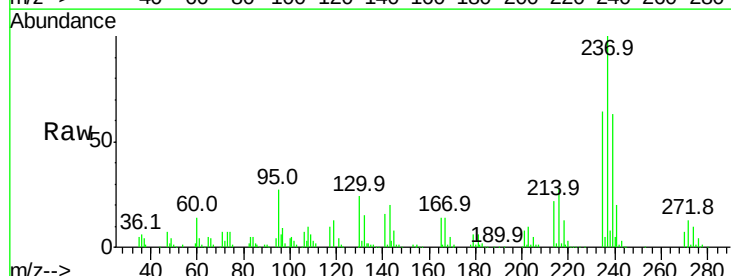
Acq: 4 Jun 2016 19:47

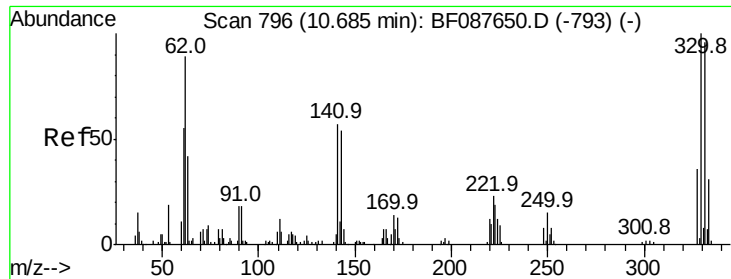
Tgt Ion:237 Resp: 279989
Ion Ratio Lower Upper

237 100

235 64.0 43.4 83.4

272 12.5 0.0 32.3





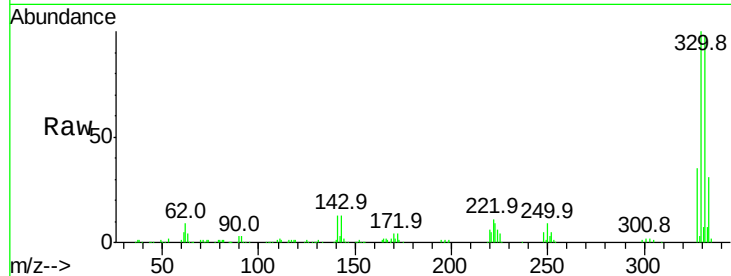
#41
 2,4,6-Tribromophenol
 Concen: 121.65 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	31.5	0.0	0.0#

Manual Integrations
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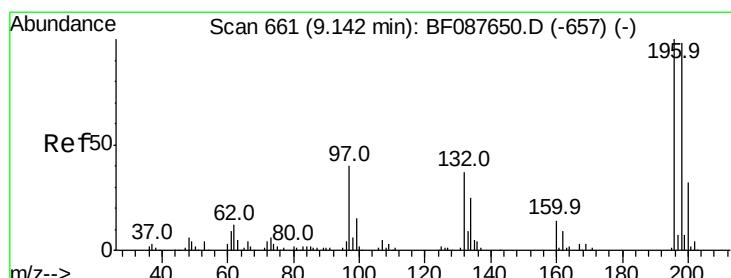
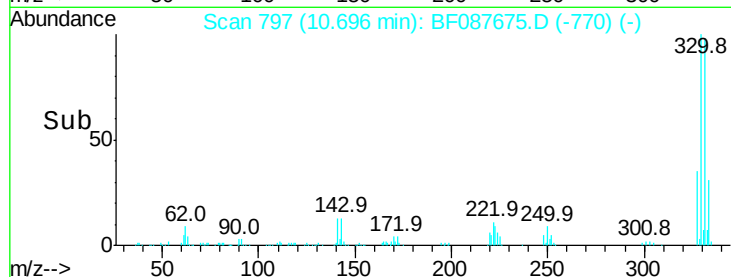
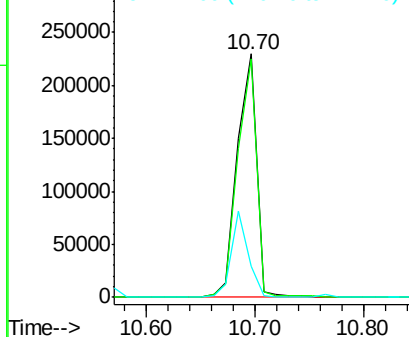


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

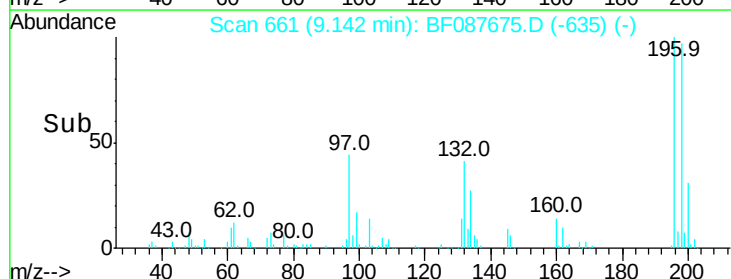
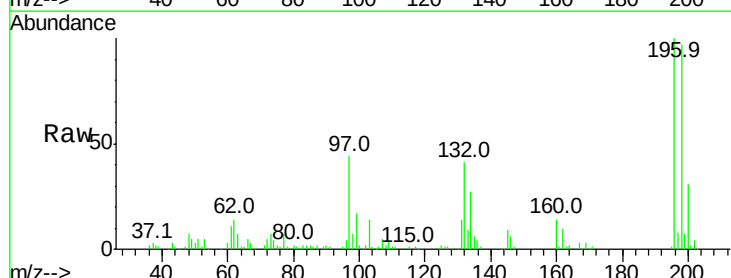
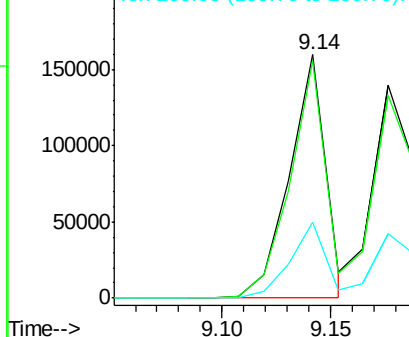
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.3	78.0	117.0
200	31.4	25.4	38.2

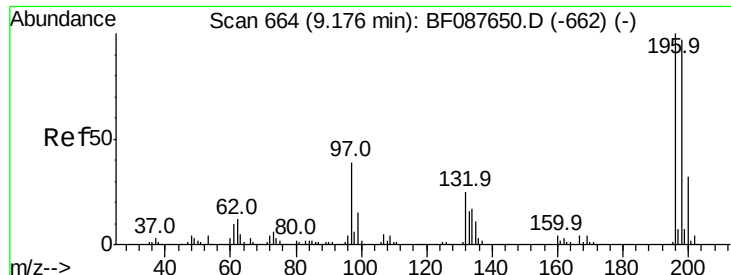
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

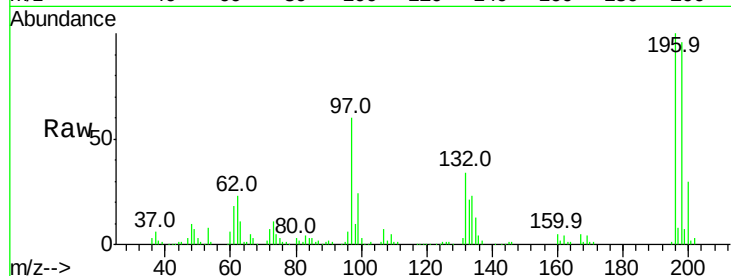
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.66 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

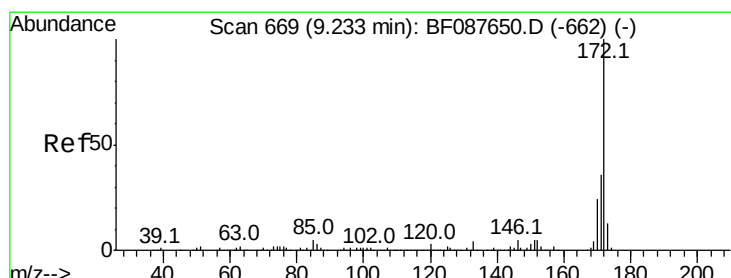
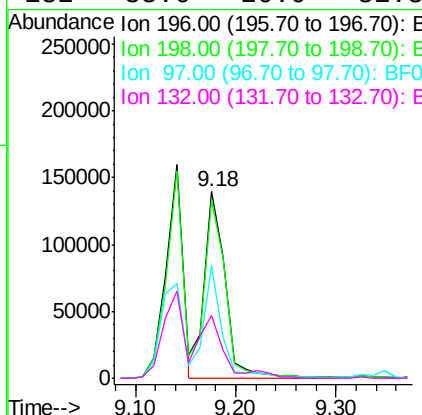
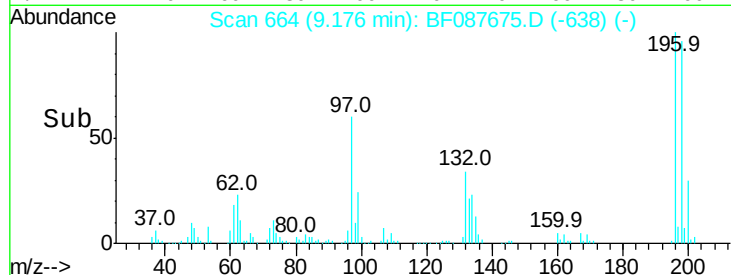
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	202749		
198	95.6	77.5	116.3	
97	60.4	32.0	48.0	
132	33.6	20.9	31.3	

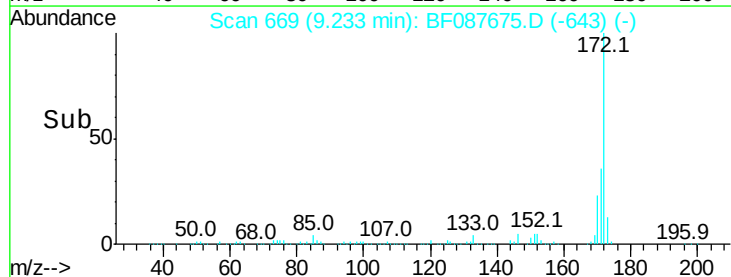
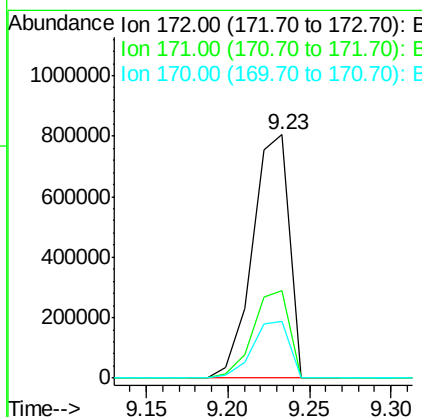
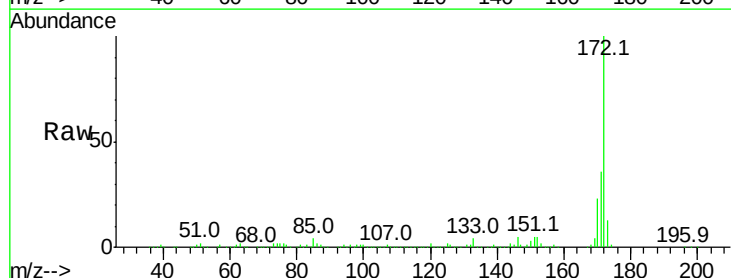
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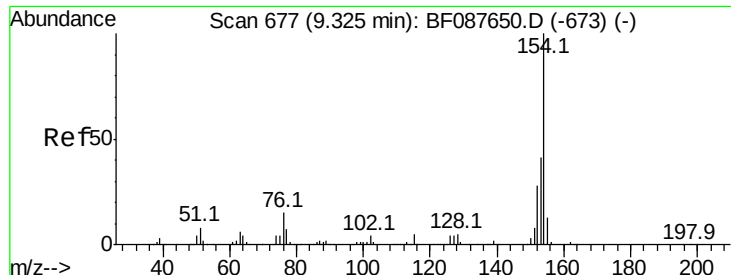
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#44
 2-Fluorobiphenyl
 Concen: 83.22 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1251382		
171	35.7	28.6	43.0	
170	23.5	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 38.02 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

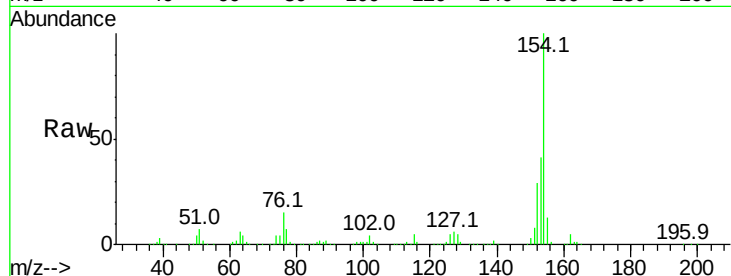
ClientSampleId :

PB91096BS

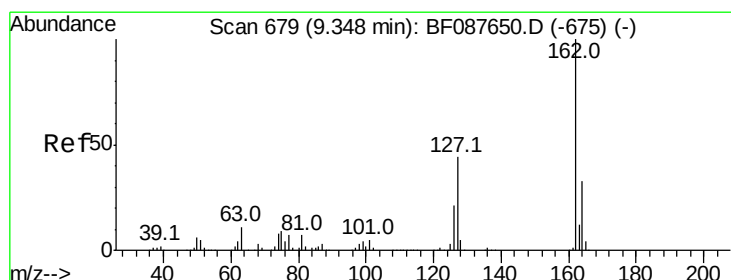
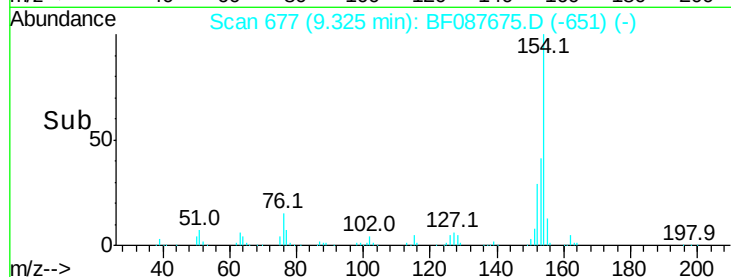
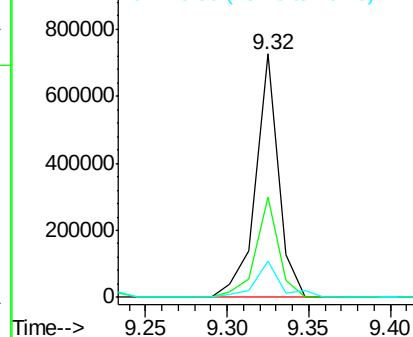
Tot Ion:	154	Resp:	707410
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.6	60.6
76	14.8	0.0	35.1

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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: 37.73 ng

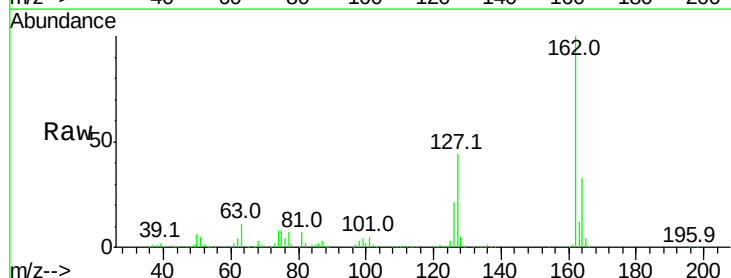
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

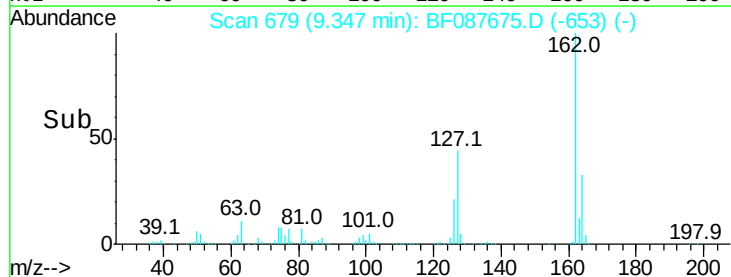
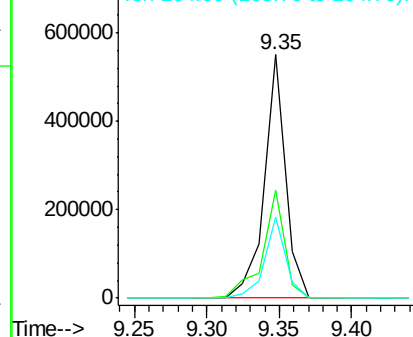
Lab File: BF087675.D

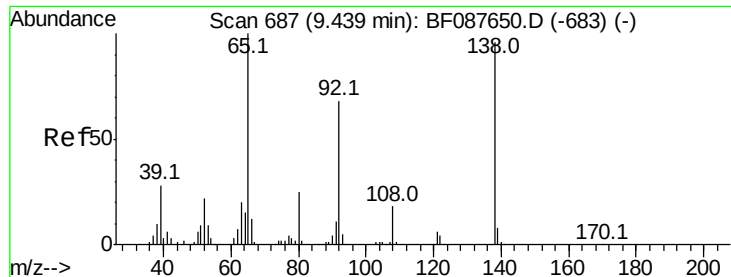
Acq: 4 Jun 2016 19:47

Tgt Ion:	162	Resp:	558814
Ion Ratio	Lower	Upper	
162	100		
127	44.2	35.2	52.8
164	33.4	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.88 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

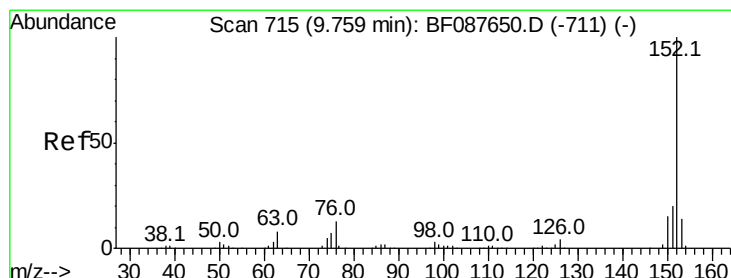
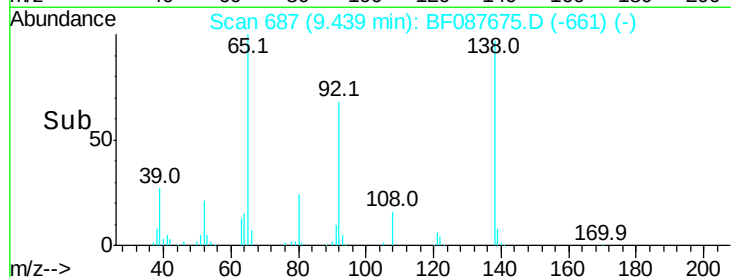
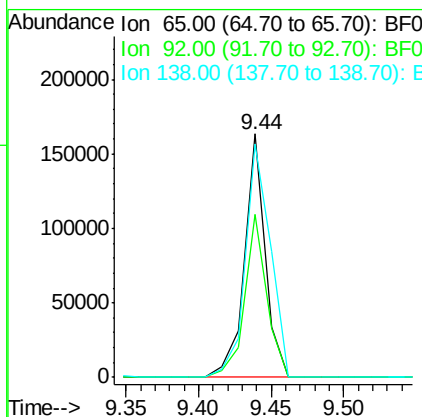
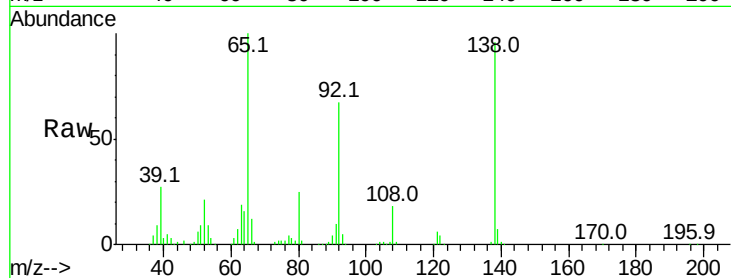
ClientSampleId :

PB91096BS

Tot Ion:	65	Resp:	162136
Ion Ratio	Lower	Upper	
65	100		
92	67.0	54.6	82.0
138	96.1	77.0	115.4

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#48

Acenaphthylene

Concen: 41.51 ng

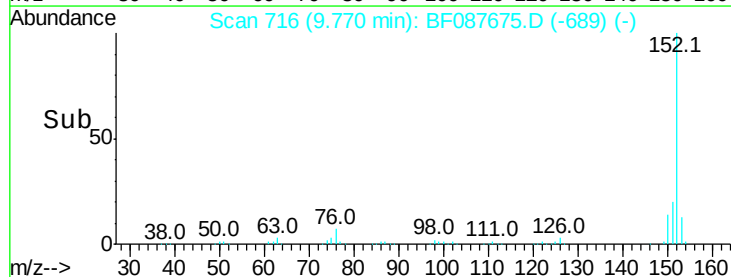
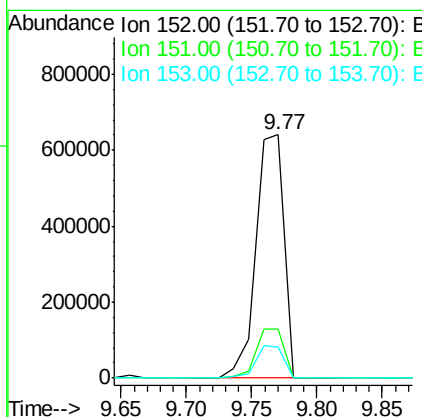
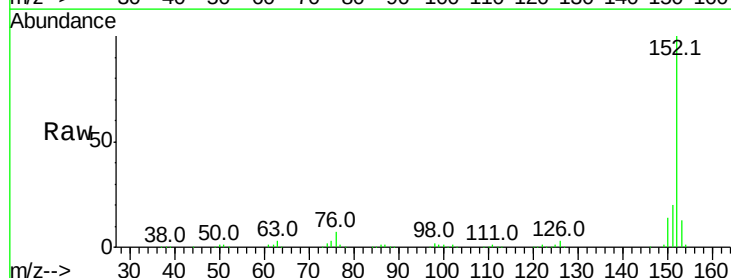
RT: 9.77 min Scan# 716

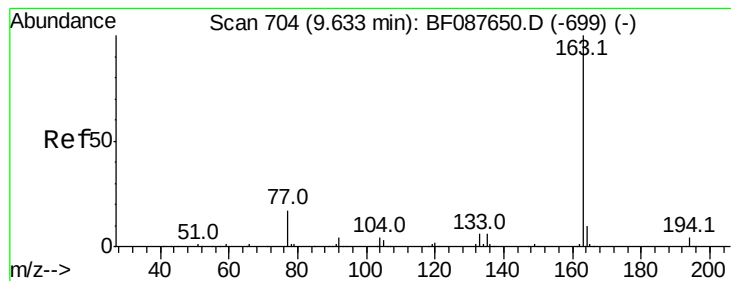
Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	152	Resp:	958762
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	12.9	11.0	16.6





#49

Dimethylphthalate

Concen: 43.15 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

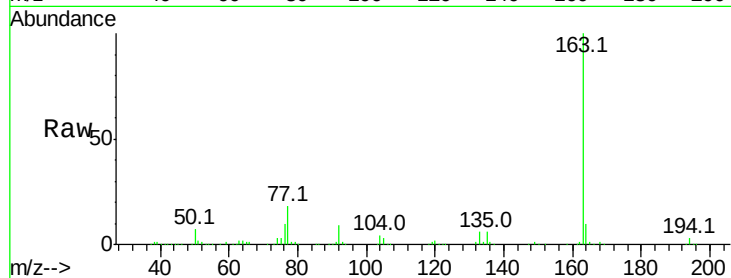
ClientSampleID :

PB91096BS

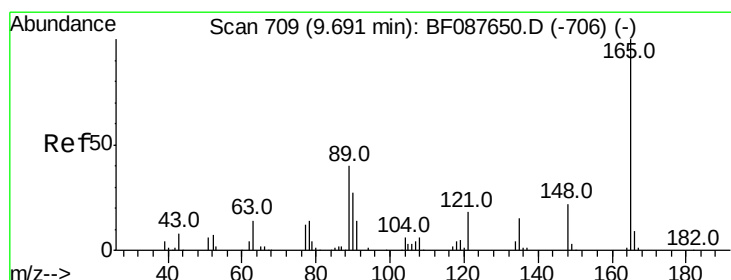
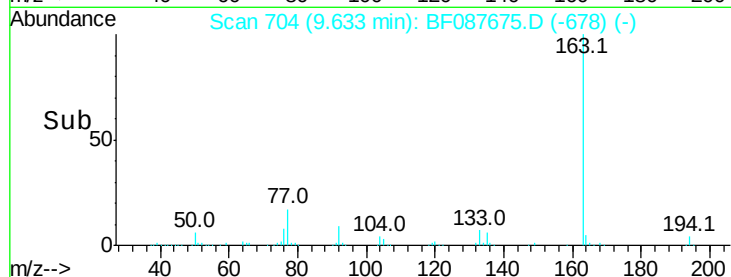
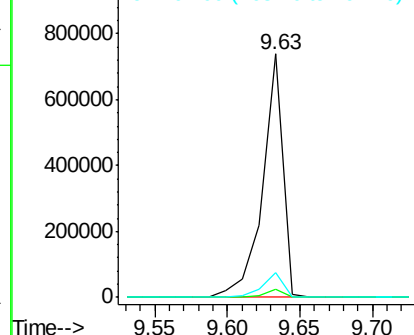
Tot Ion	Ratio	Resp	Lower	Upper
163	100	719198		
194	3.5	2.8	4.2	
164	10.3	8.3	12.5	

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



#50

2,6-Dinitrotoluene

Concen: 45.04 ng

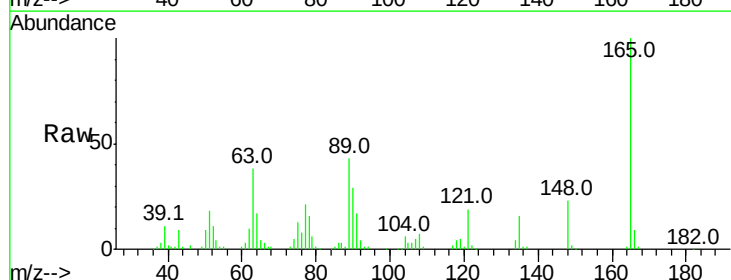
RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

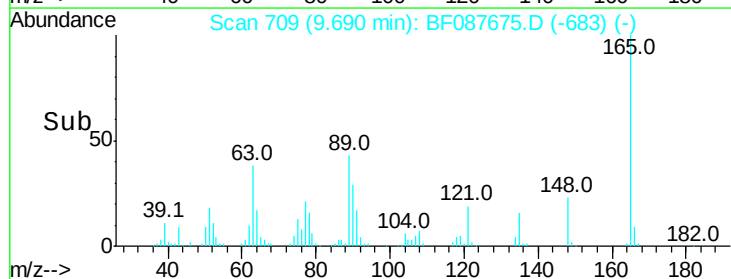
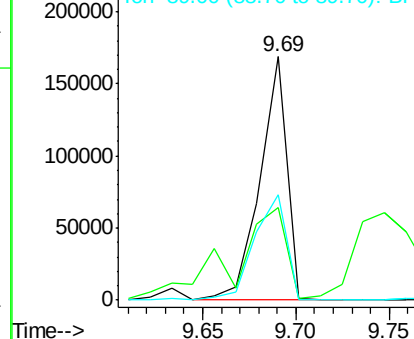
Lab File: BF087675.D

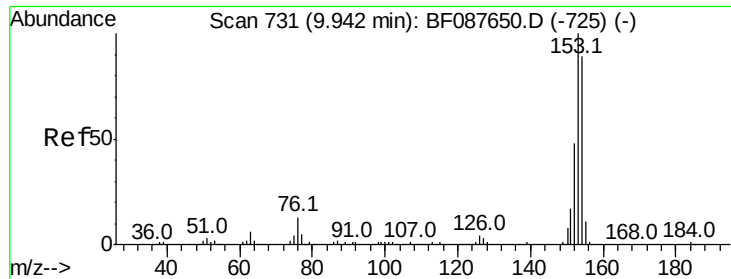
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170763		
63	38.1	28.1	42.1	
89	43.1	32.2	48.2	



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





#51

Acenaphthene

Concen: 44.24 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tot Ion:154 Resp: 657425

Ion Ratio Lower Upper

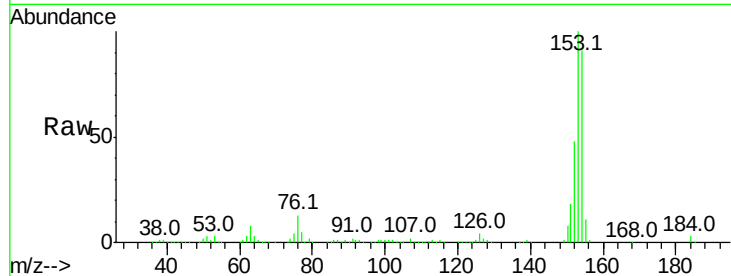
154 100

153 110.3 89.5 134.3

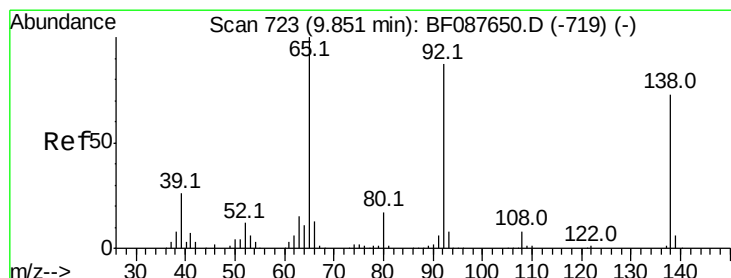
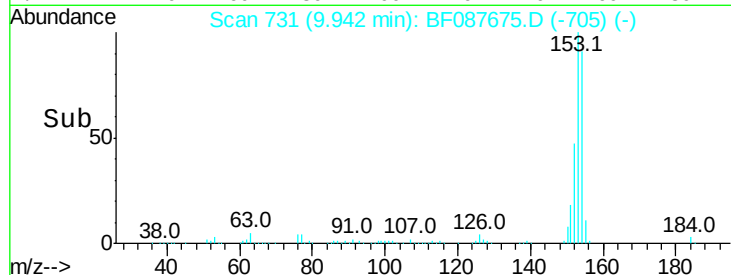
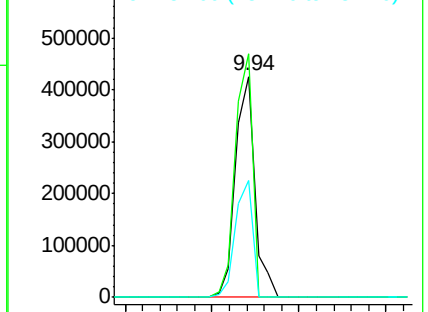
152 52.7 42.7 64.1

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



#52

3-Nitroaniline

Concen: 26.06 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

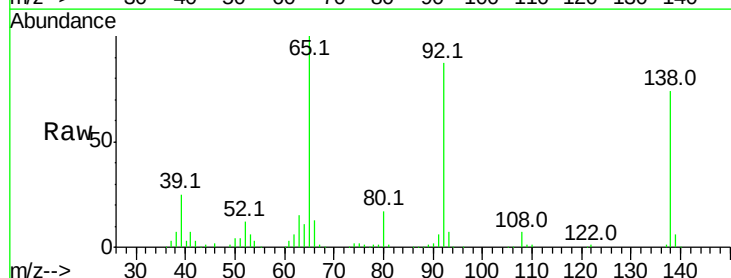
Tgt Ion:138 Resp: 113038

Ion Ratio Lower Upper

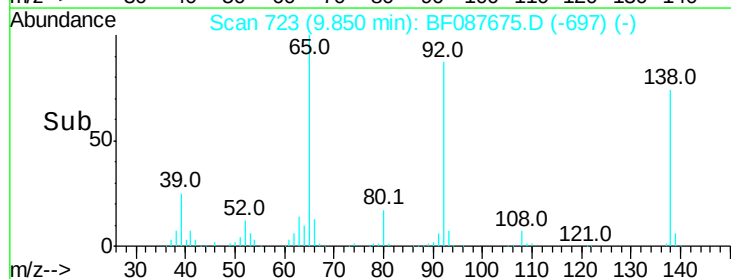
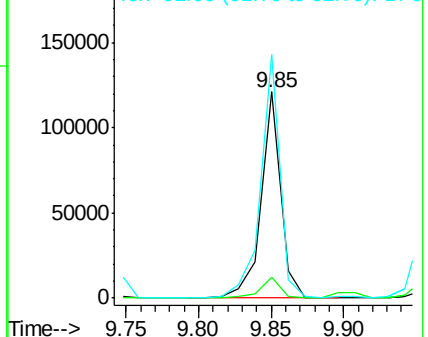
138 100

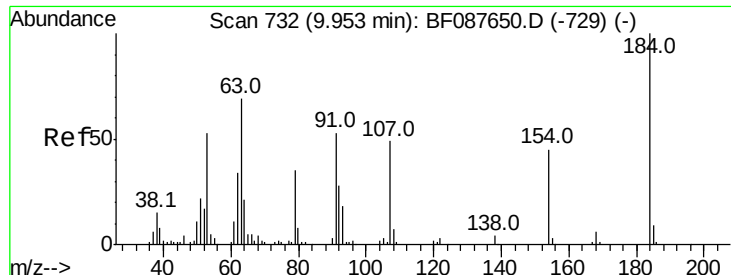
108 10.0 8.5 12.7

92 118.2 95.7 143.5



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





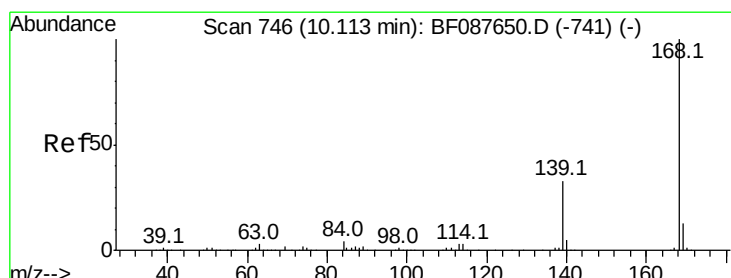
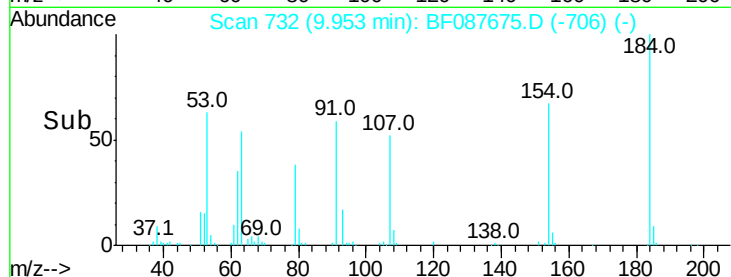
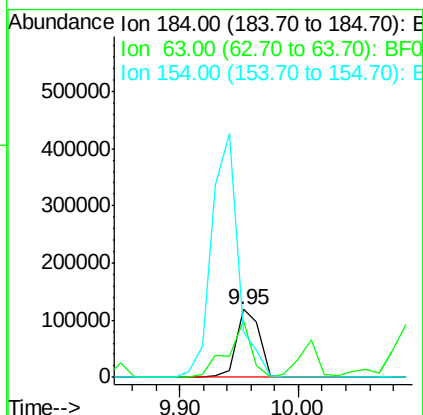
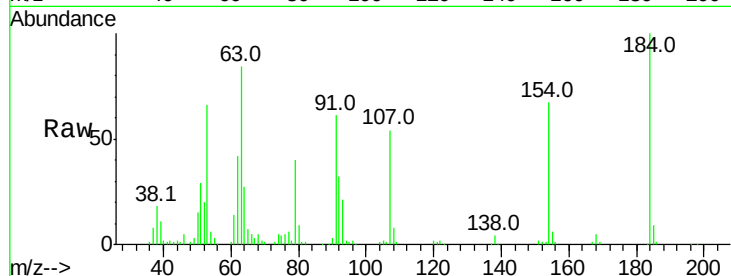
#53
 2,4-Dinitrophenol
 Concen: 92.76 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampled :
 PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	160748		
63	84.5	57.6	86.4	
154	67.4	53.5	80.3	

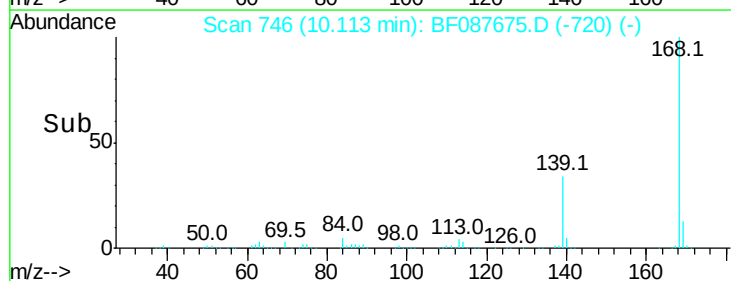
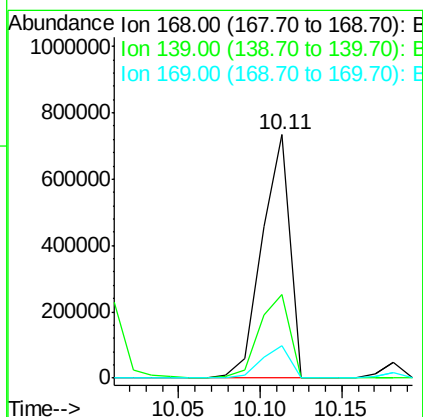
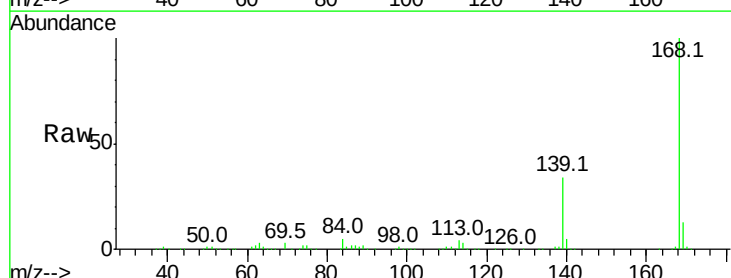
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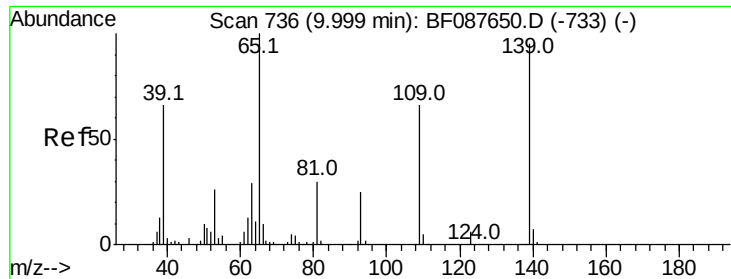
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#54
 Dibenzofuran
 Concen: 42.78 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	865471		
139	34.4	26.4	39.6	
169	13.2	10.4	15.6	





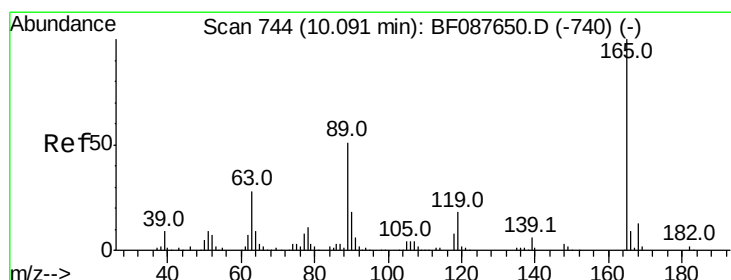
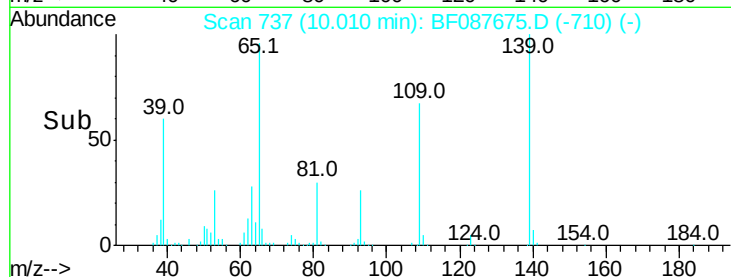
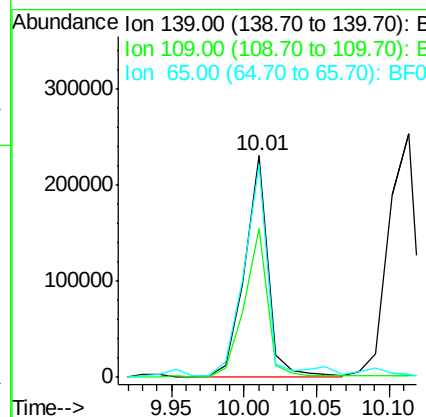
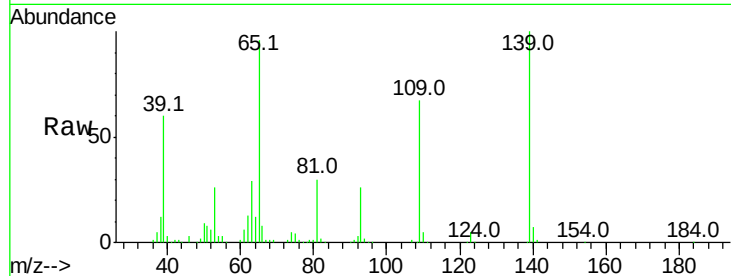
#55
4-Nitrophenol
Concen: 69.44 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	257386		
109	67.3	48.9	88.9	
65	96.2	84.9	124.9	

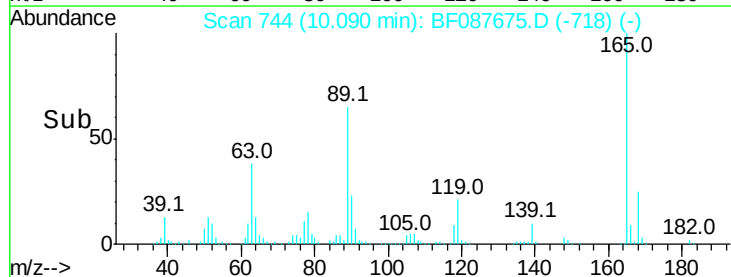
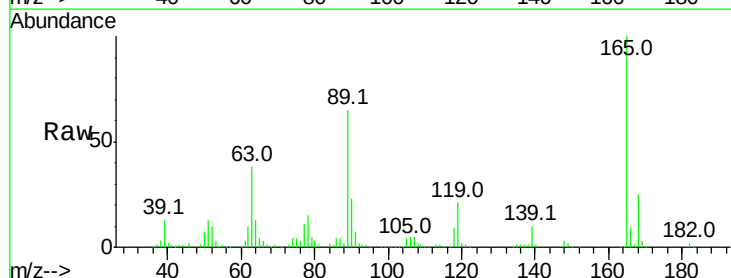
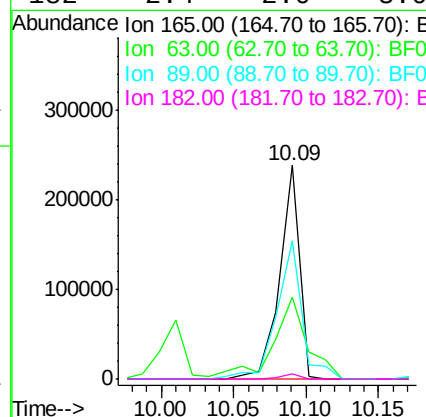
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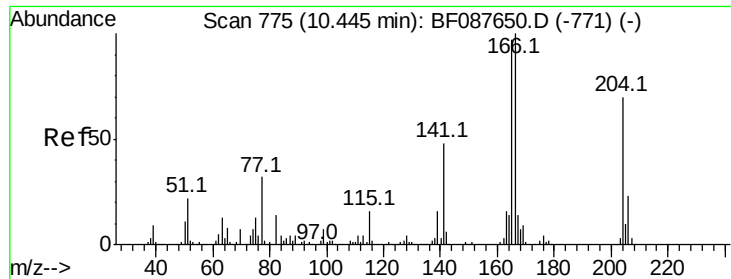
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#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225735		
63	38.4	22.0	33.0#	
89	64.8	41.1	61.7#	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 37.97 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampled :

PB91096BS

Tot Ion:166 Resp: 600490

Ion Ratio Lower Upper

166 100

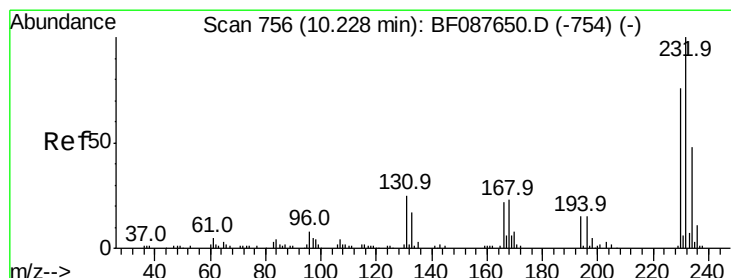
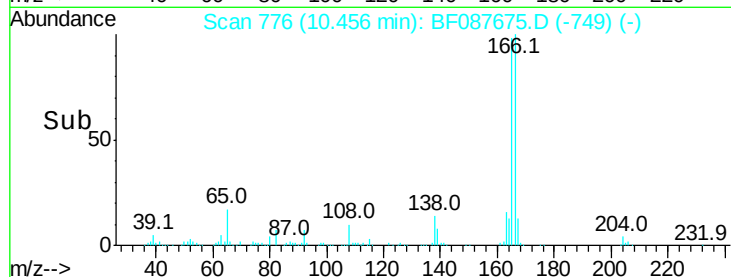
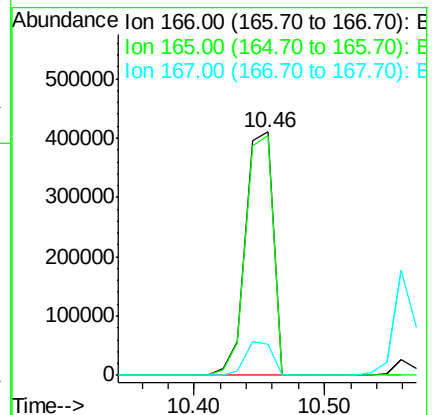
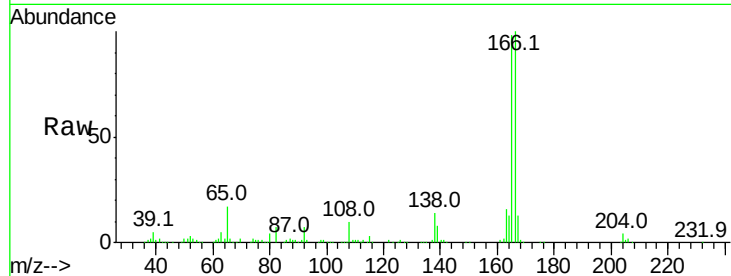
165 98.3 77.8 116.8

167 12.9 11.2 16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.13 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:232 Resp: 164981

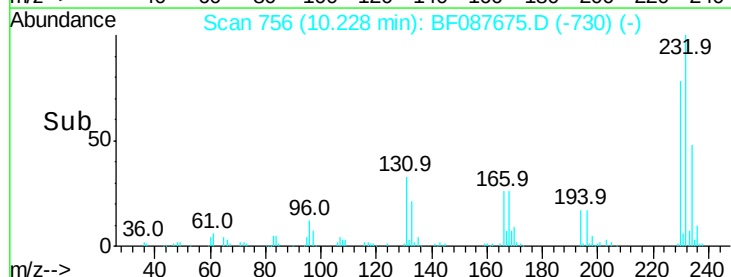
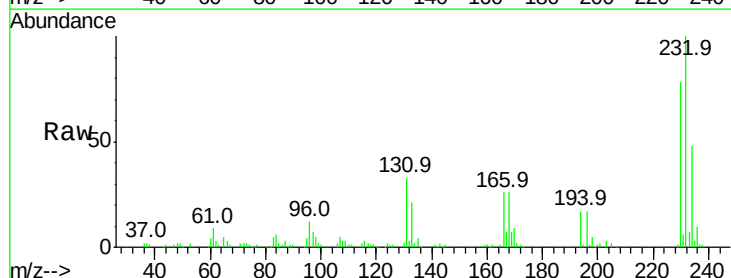
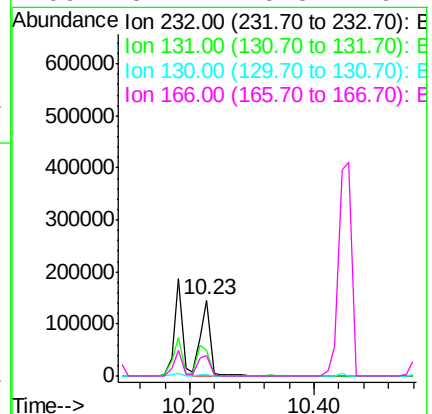
Ion Ratio Lower Upper

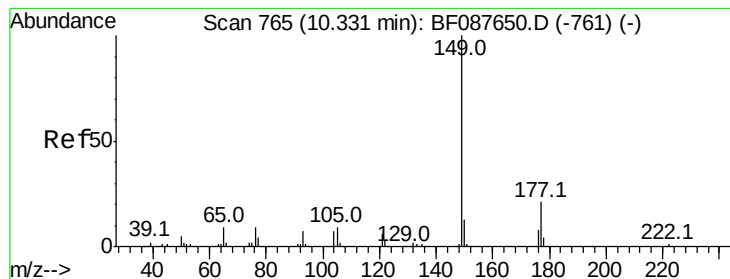
232 100

131 47.6 0.9 1.3#

130 2.3 1.5 2.3#

166 31.7 0.5 0.7#





#59

Diethylphthalate

Concen: 39.43 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

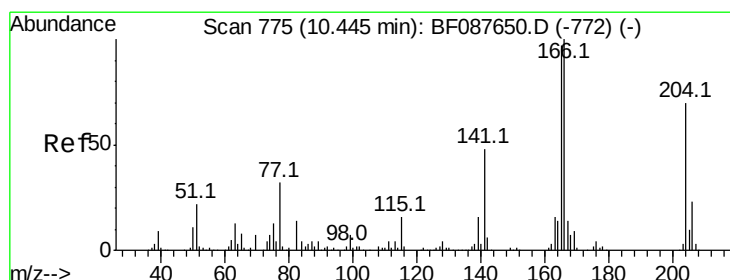
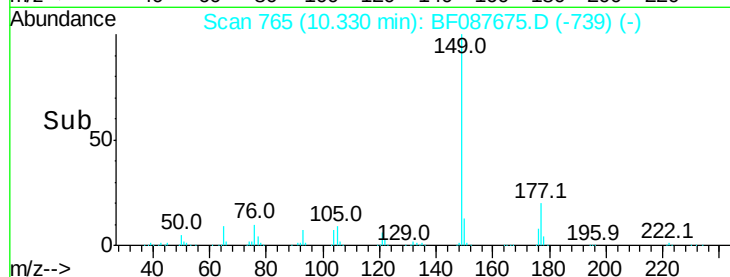
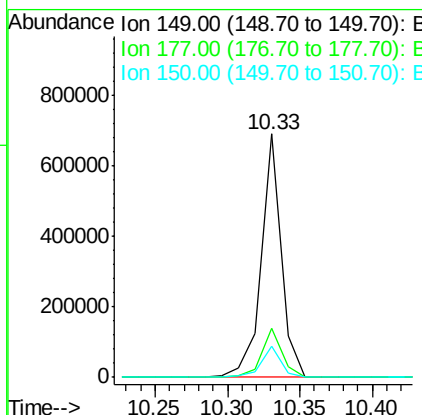
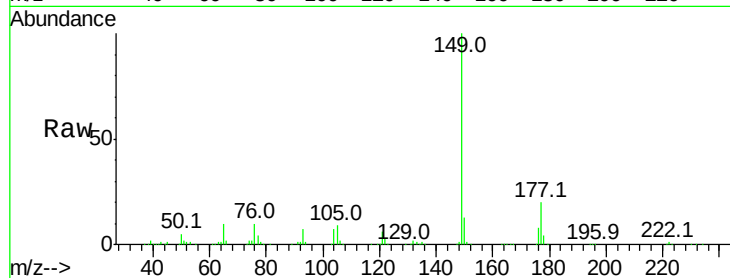
ClientSampleId :

PB91096BS

Tot Ion:	149	Resp:	659977
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.9	25.3
150	12.9	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 42.55 ng

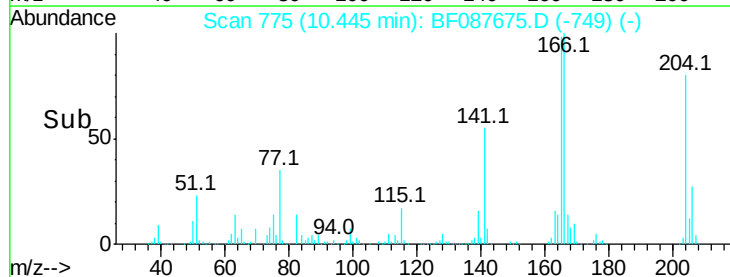
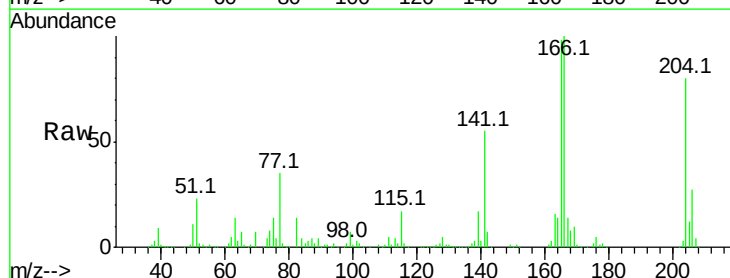
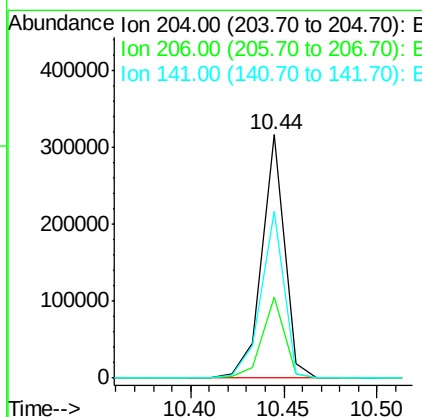
RT: 10.44 min Scan# 775

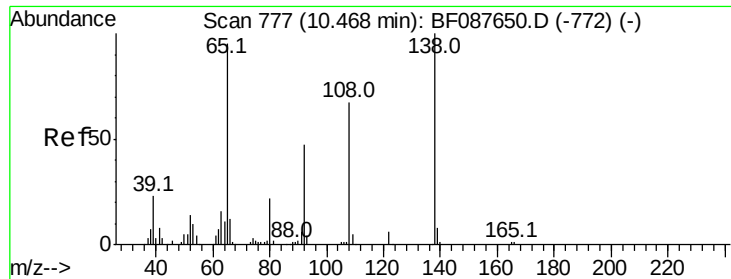
Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	204	Resp:	264874
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.3	39.5
141	68.6	55.0	82.6





#61

4-Nitroaniline

Concen: 37.68 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

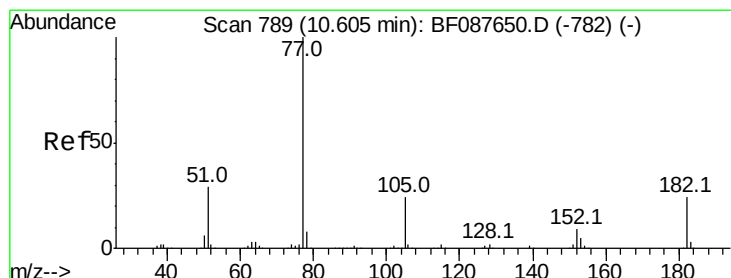
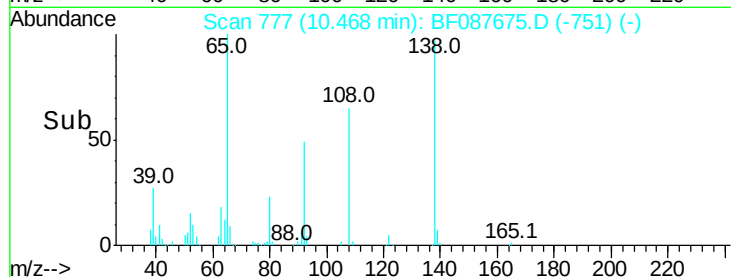
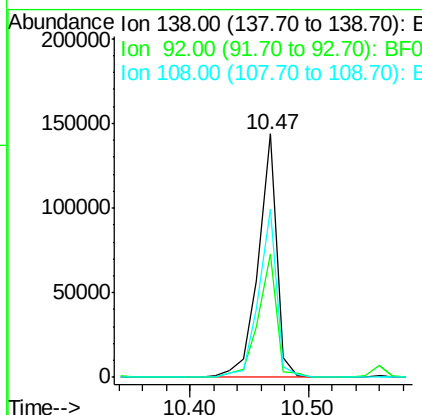
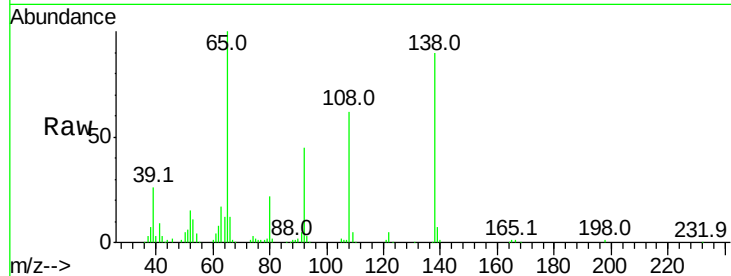
PB91096BS

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Tot Ion:138	Resp:	157122
Ion Ratio	Lower	Upper
138 100		
92 50.5	27.3	67.3
108 69.2	46.7	86.7



#62

Azobenzene

Concen: 43.05 ng

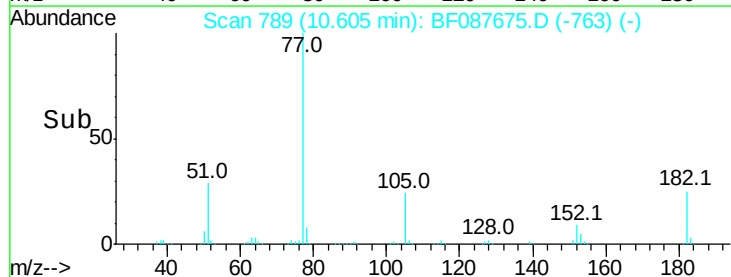
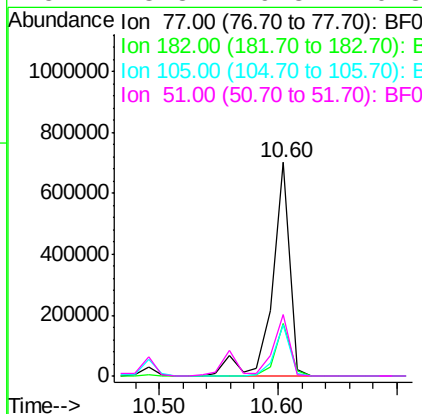
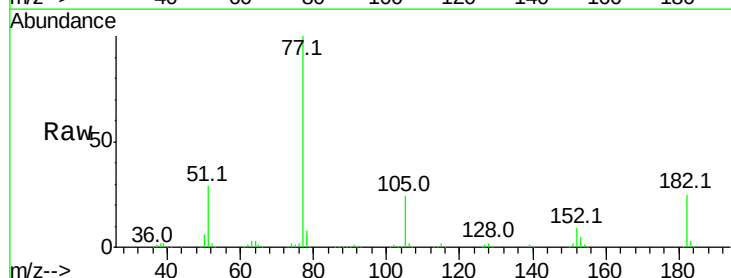
RT: 10.60 min Scan# 789

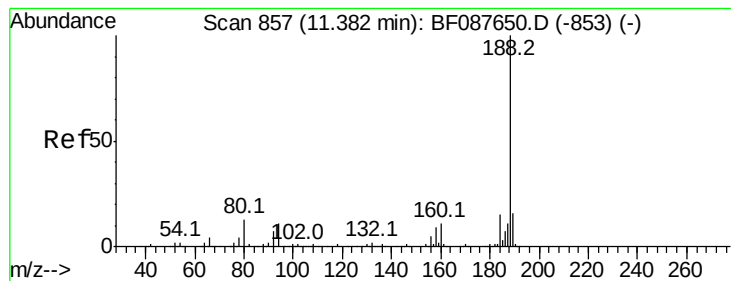
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion: 77	Resp:	725238
Ion Ratio	Lower	Upper
77 100		
182 24.8	4.4	44.4
105 24.1	3.8	43.8
51 28.8	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

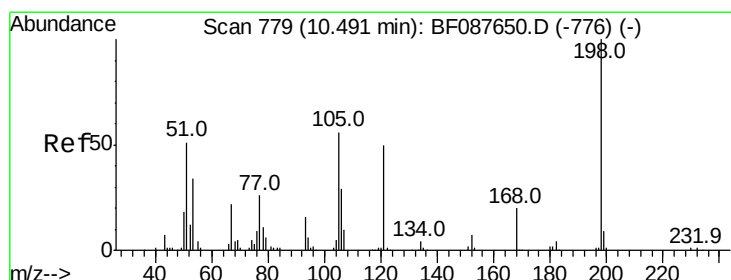
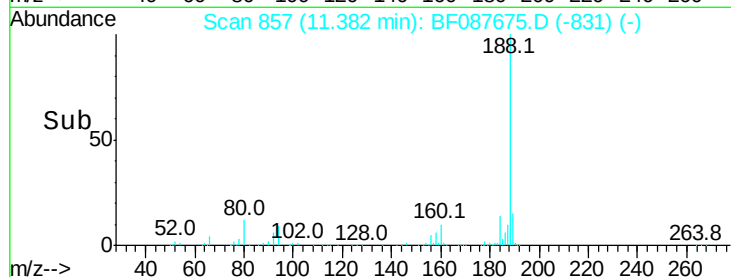
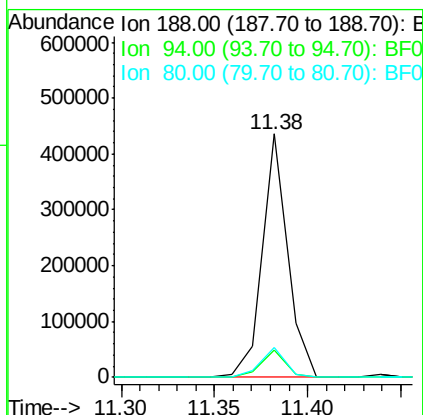
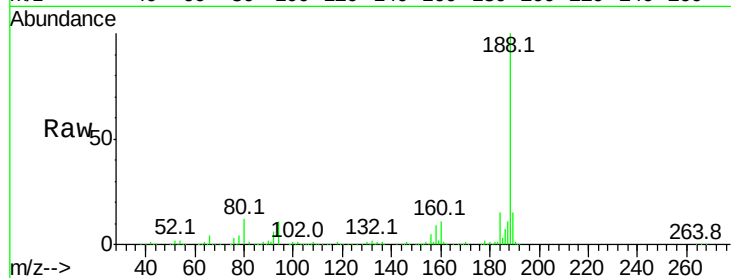
ClientSampleId :

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Tot Ion:	188	Resp:	407628
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.0	13.6
80	12.3	10.0	15.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.14 ng

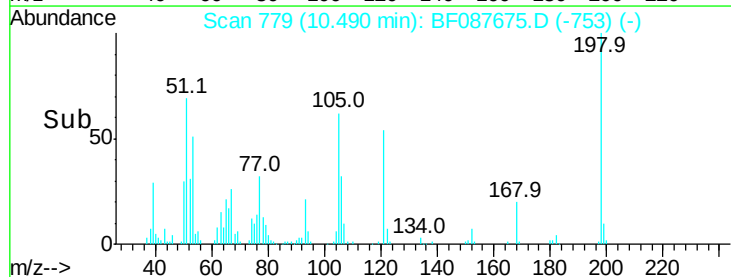
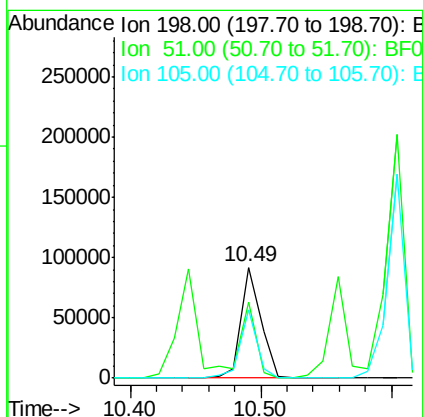
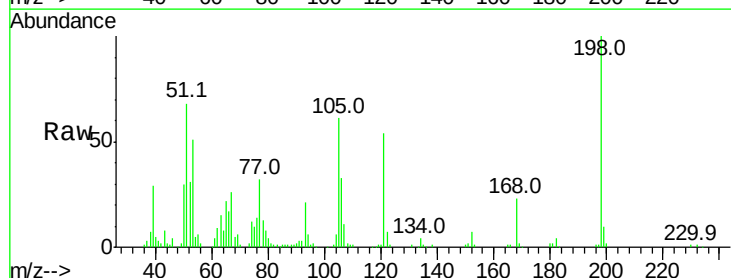
RT: 10.49 min Scan# 779

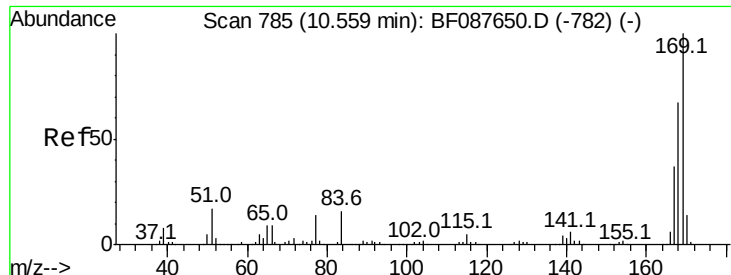
Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	198	Resp:	97251
Ion Ratio	Lower	Upper	
198	100		
51	68.1	39.6	79.6
105	61.4	36.6	76.6





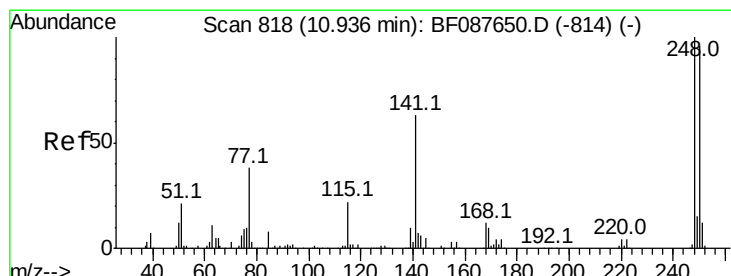
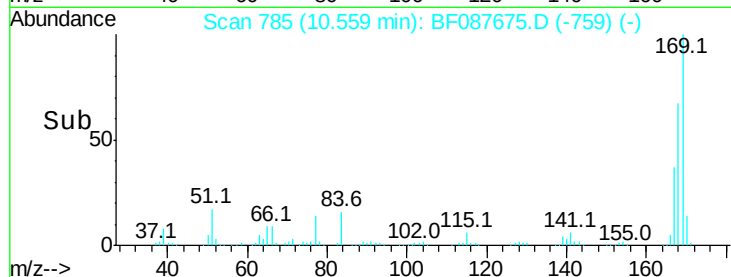
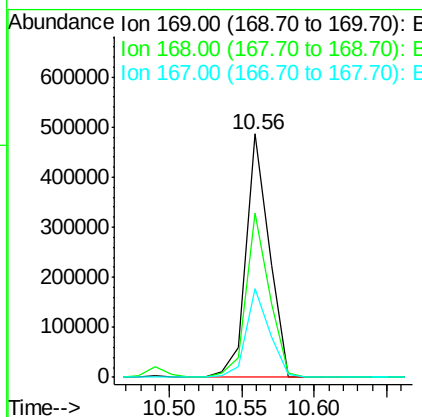
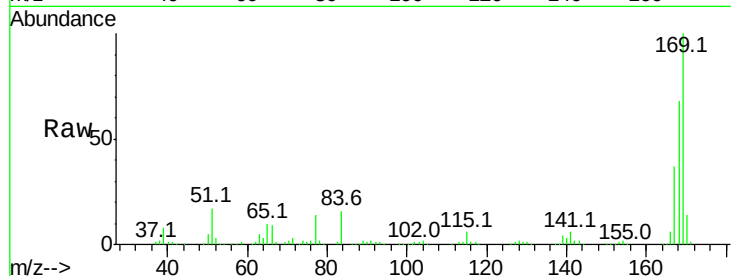
#65
 n-Nitrosodiphenylamine
 Concen: 40.30 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.4	80.0
167	36.7	29.4	44.0

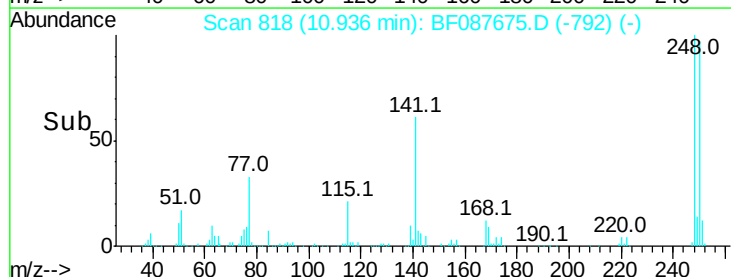
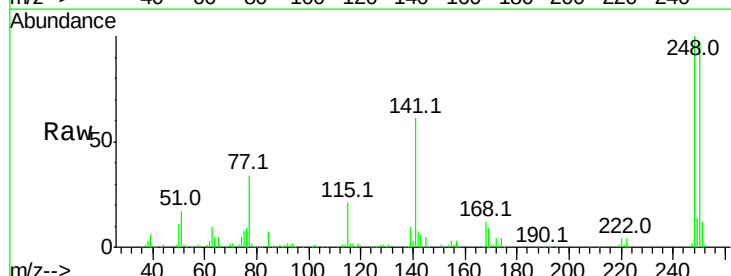
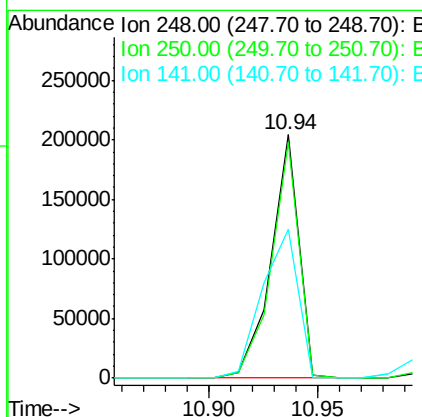
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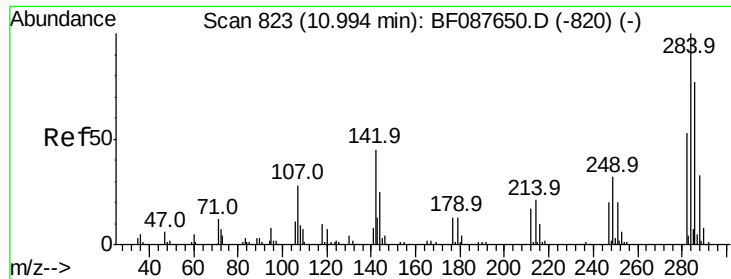
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#66
 4-Bromophenyl-phenylether
 Concen: 45.47 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	61.0	50.6	76.0





#67

Hexachlorobenzene

Concen: 39.55 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

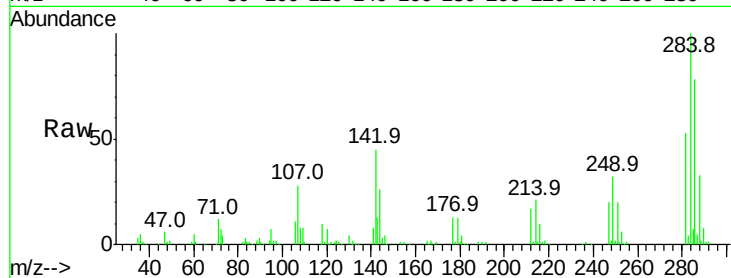
ClientSampleId :

PB91096BS

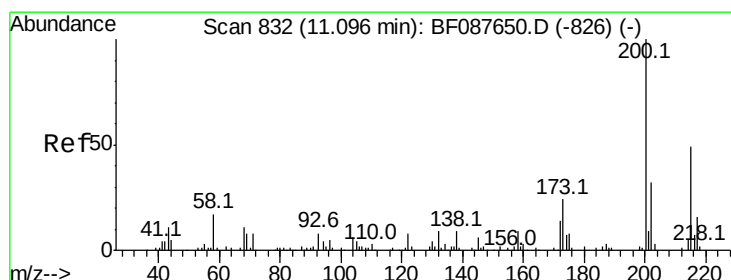
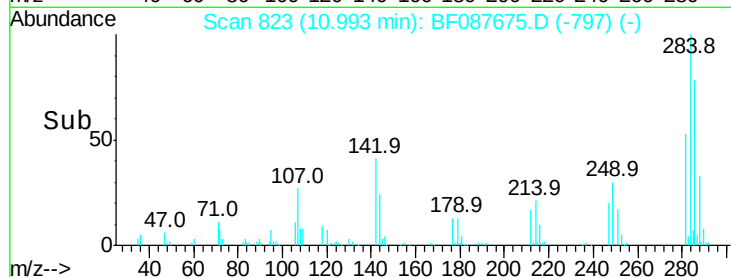
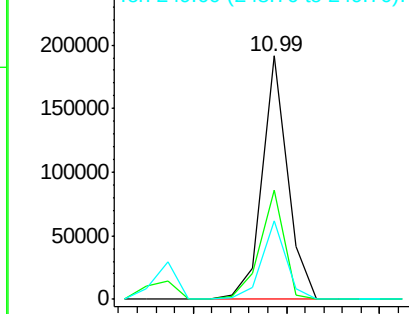
Tot Ion:	284	Resp:	178771
Ion Ratio	Lower	Upper	
284	100		
142	44.7	35.8	53.8
249	32.0	25.8	38.6

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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: 44.63 ng

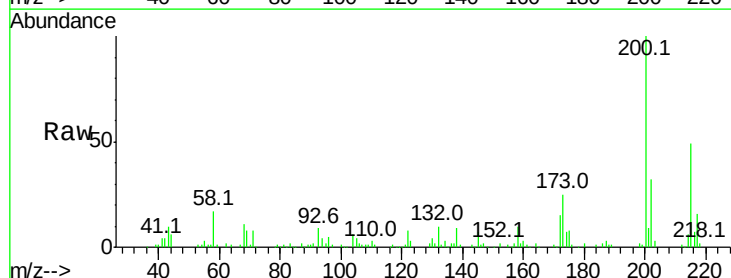
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

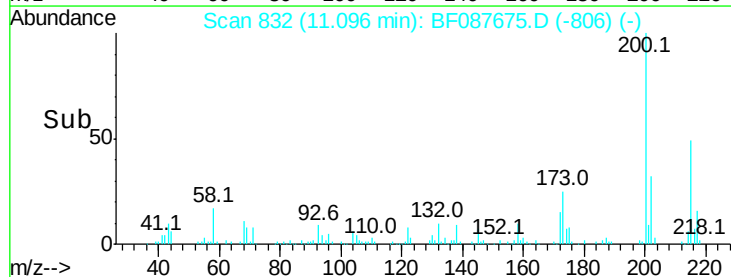
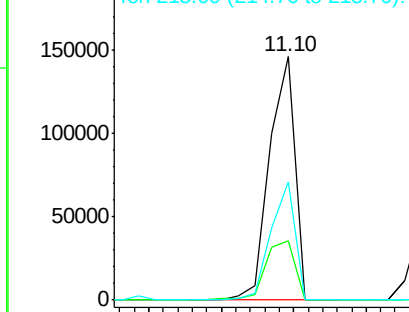
Lab File: BF087675.D

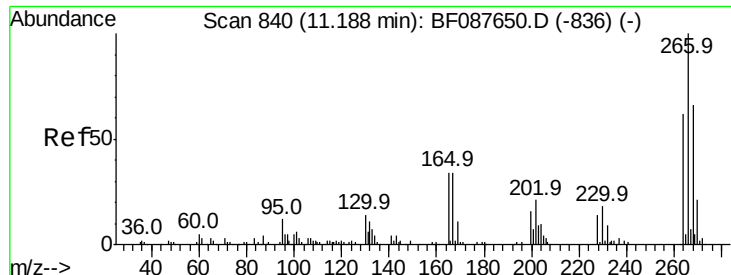
Acq: 4 Jun 2016 19:47

Tgt Ion:	200	Resp:	176505
Ion Ratio	Lower	Upper	
200	100		
173	24.5	4.0	44.0
215	48.7	29.3	69.3



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





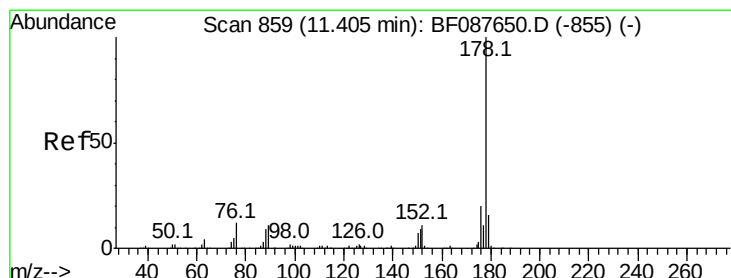
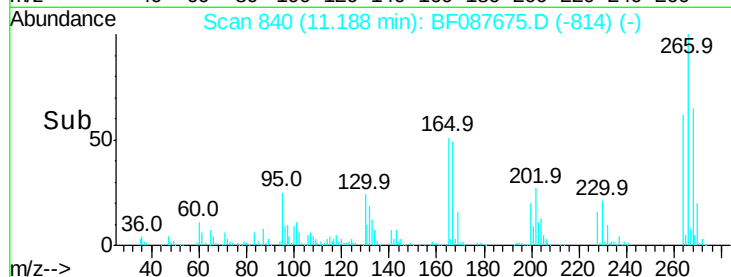
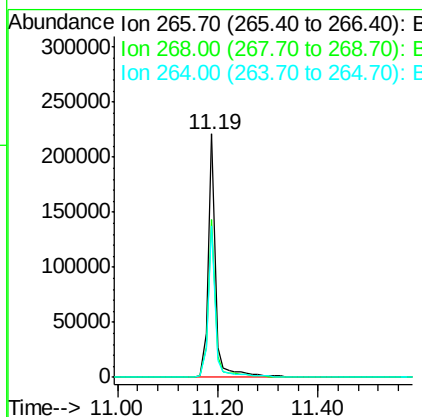
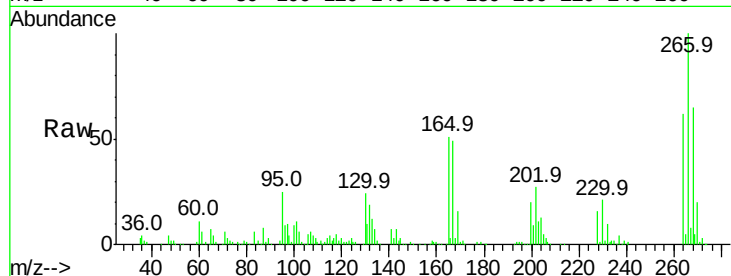
#69
 Pentachlorophenol
 Concen: 85.54 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	229742		
268	65.0	52.8	79.2	
264	62.3	49.6	74.4	

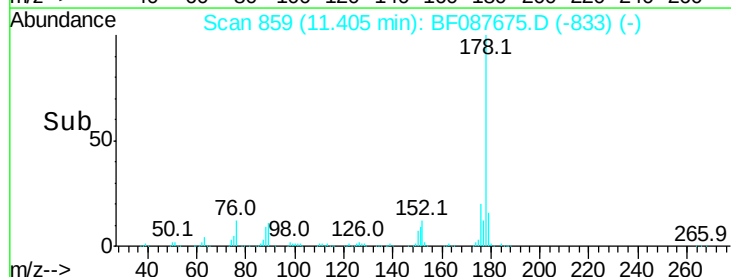
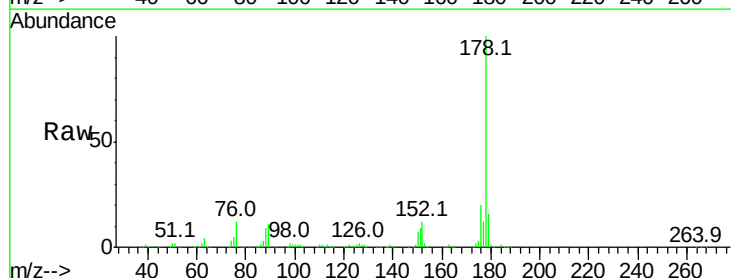
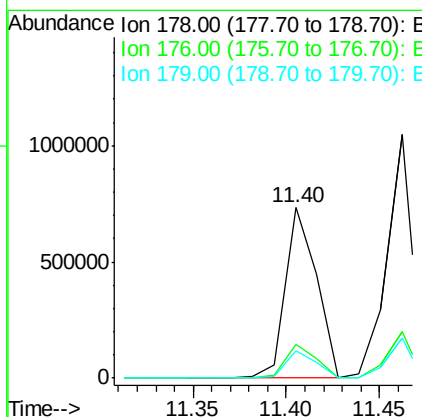
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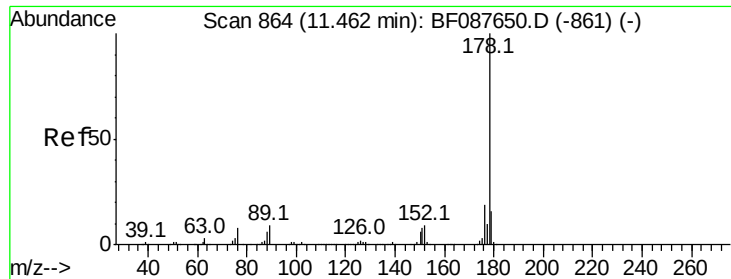
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#70
 Phenanthrene
 Concen: 38.97 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	861278		
176	19.9	15.8	23.6	
179	16.1	13.0	19.4	





#71

Anthracene

Concen: 43.00 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

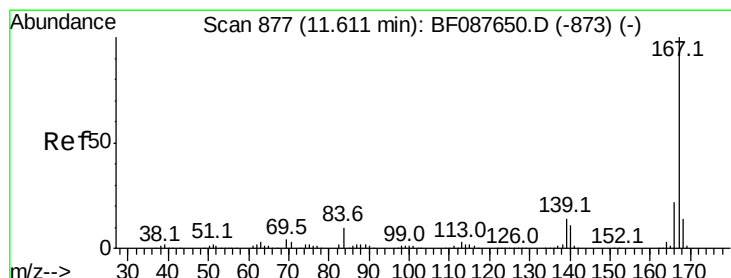
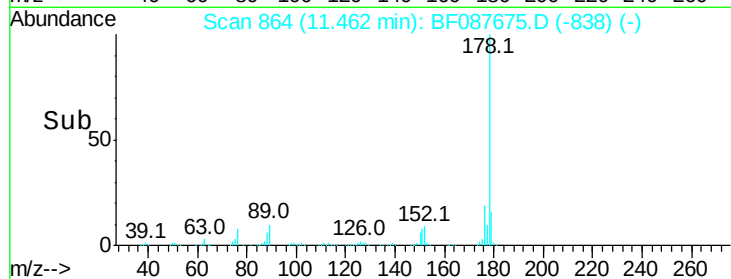
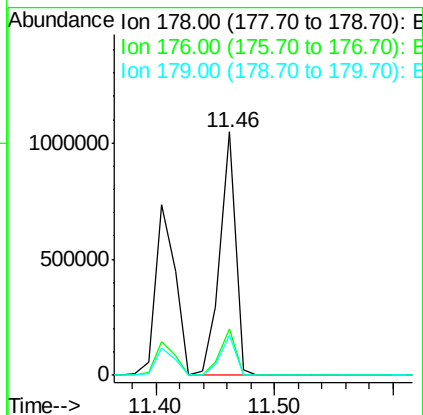
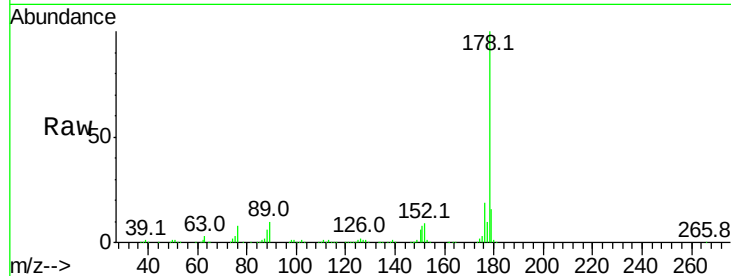
ClientSampleId :

PB91096BS

Tot Ion:178	Resp:	952341
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.6 23.4
179	16.2	12.8 19.2

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#72

Carbazole

Concen: 39.08 ng

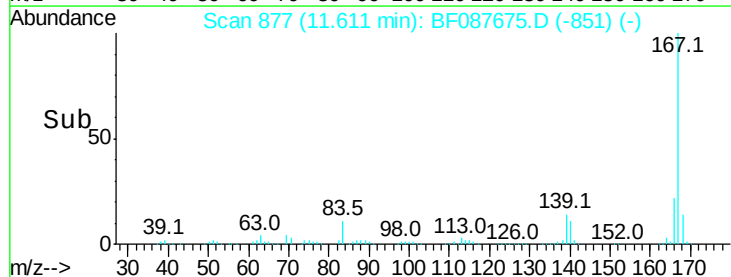
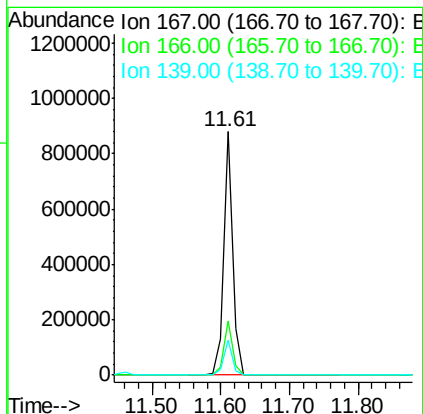
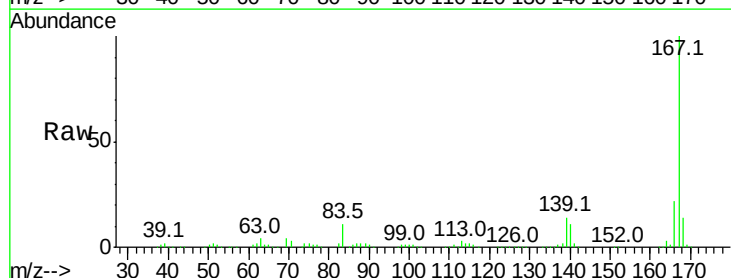
RT: 11.61 min Scan# 877

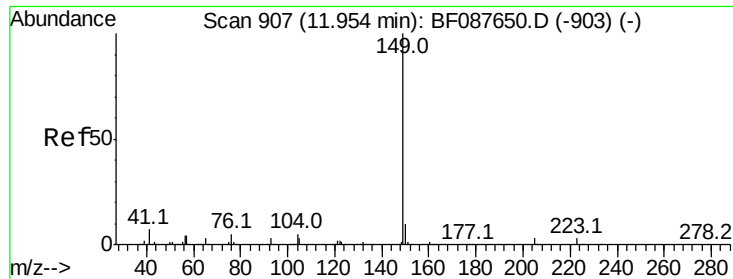
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:167	Resp:	819317
Ion Ratio	Lower	Upper
167	100	
166	22.0	17.8 26.6
139	14.4	11.2 16.8





#73

Di-n-butylphthalate

Concen: 45.75 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

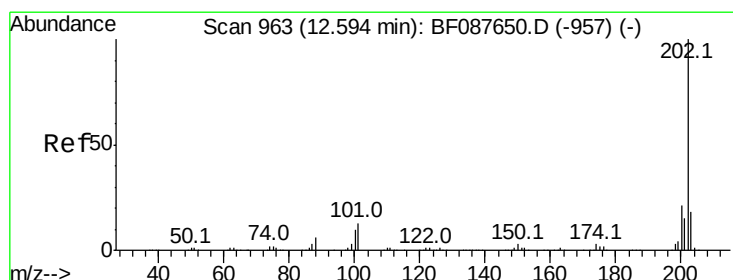
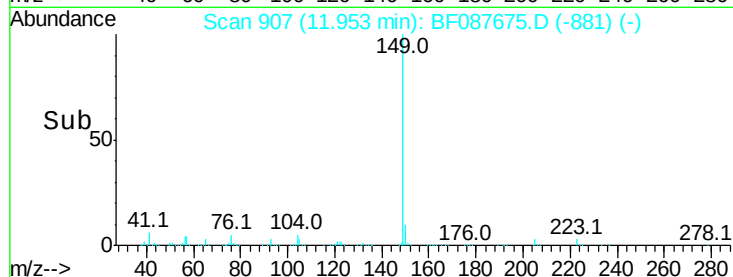
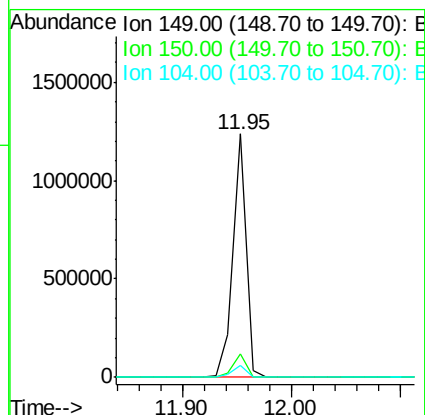
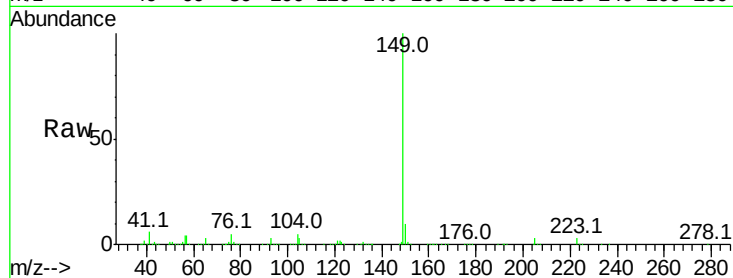
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Tot Ion:149	Resp: 1028173
Ion Ratio	Lower Upper
149 100	
150 9.7	7.8 11.6
104 4.9	4.0 6.0



#74

Fluoranthene

Concen: 43.08 ng

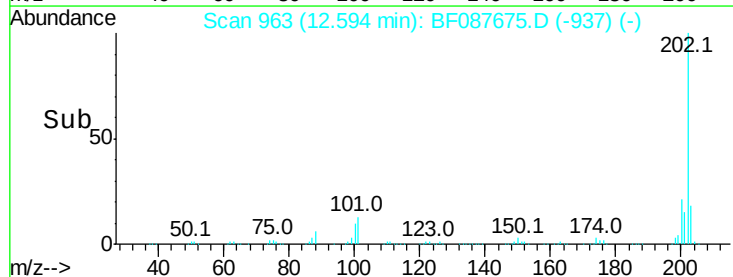
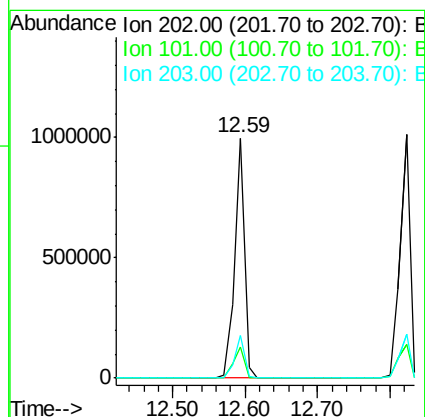
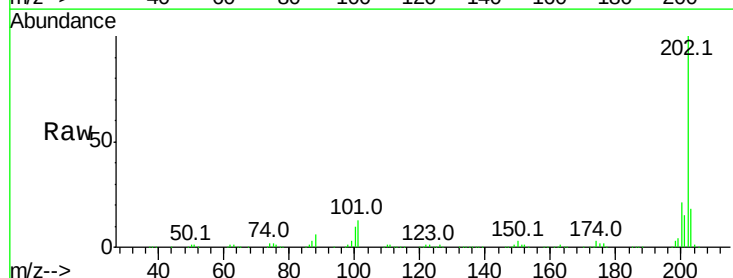
RT: 12.59 min Scan# 963

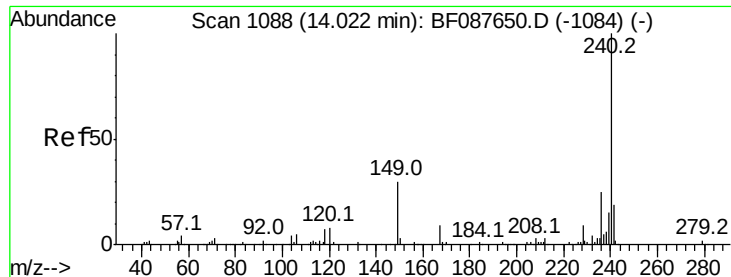
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt	Ion:202	Resp:	937032
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

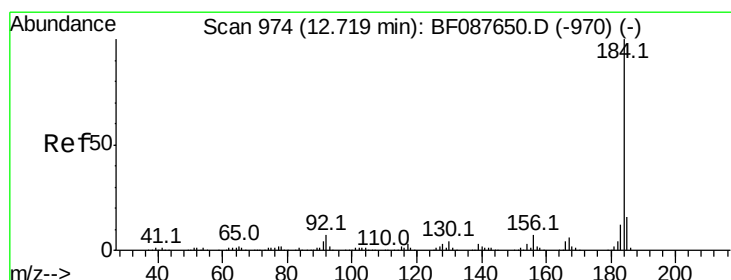
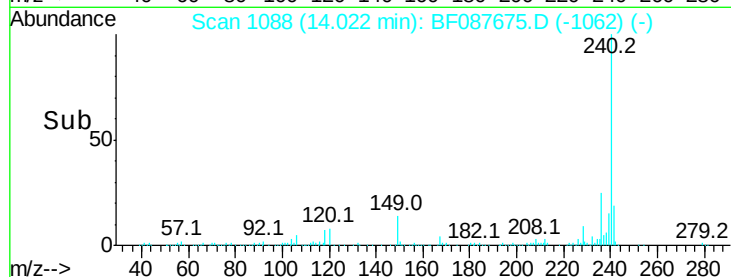
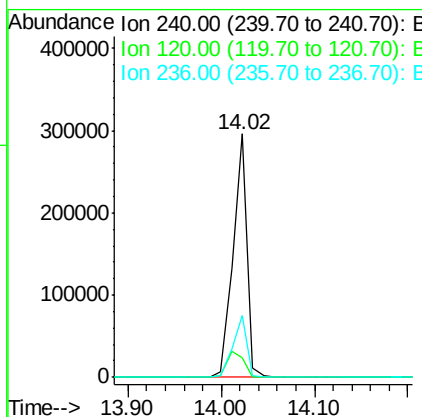
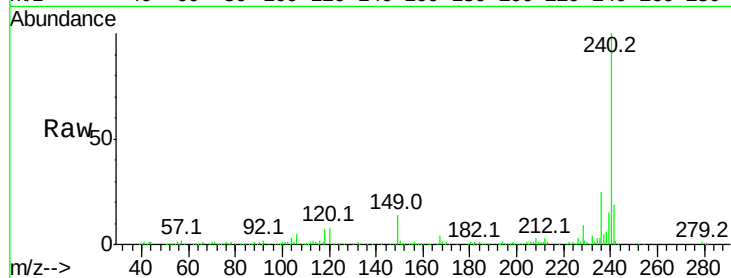
ClientSampleId :

PB91096BS

Tot Ion:	240	Resp:	310522
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.8	10.2
236	25.2	20.2	30.2

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#76

Benzidine

Concen: 28.34 ng

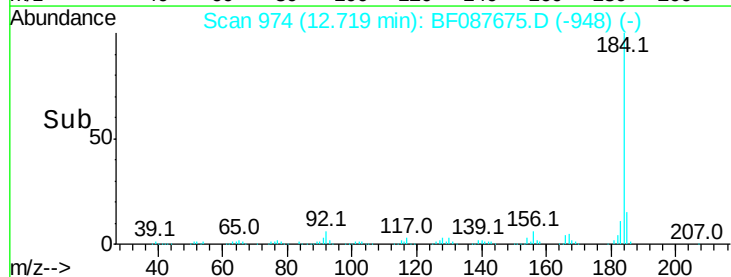
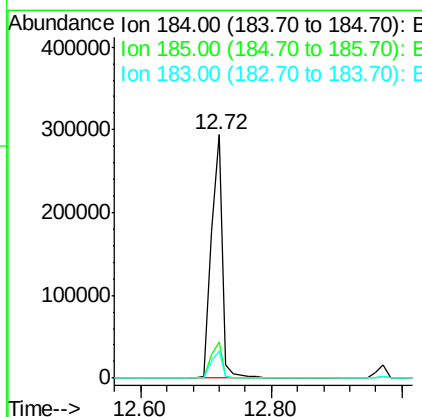
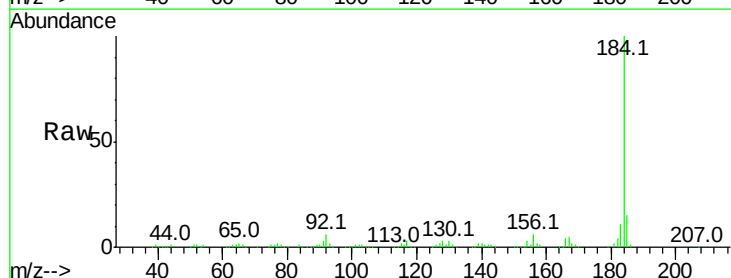
RT: 12.72 min Scan# 974

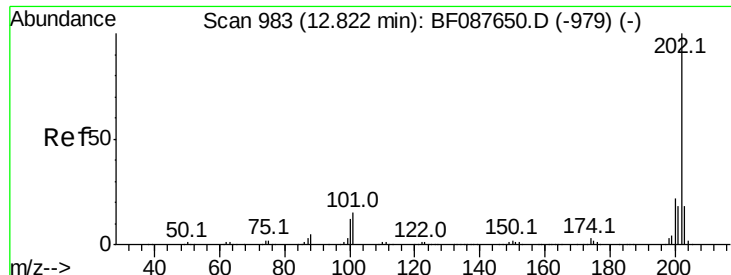
Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	184	Resp:	347009
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.5	18.7
183	11.4	9.3	13.9





#77

Pvrene

Concen: 44.34 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

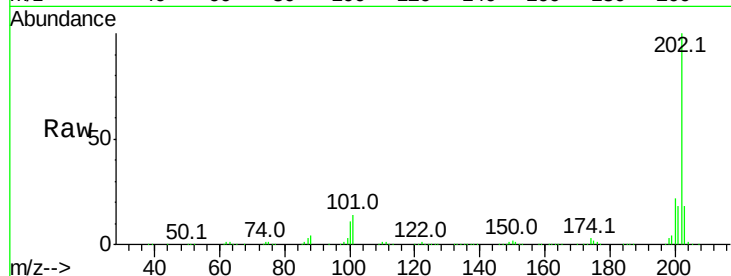
ClientSampleId :

PB91096BS

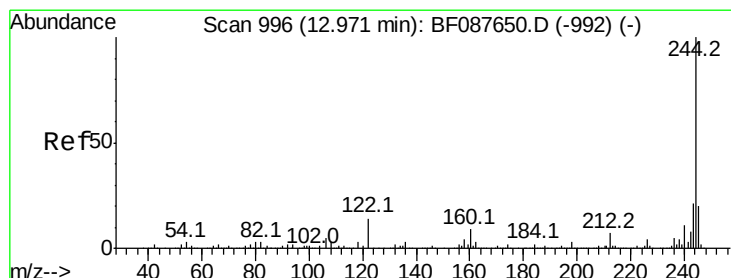
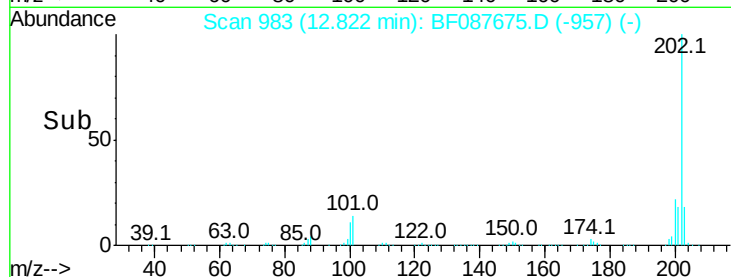
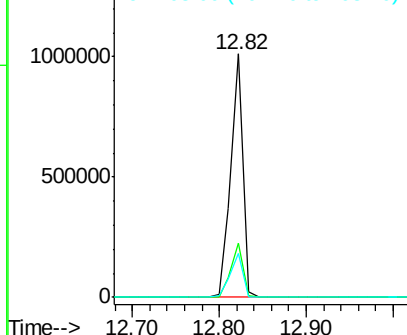
Tot Ion:	202	Resp:	980542
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.99 ng

RT: 12.97 min Scan# 996

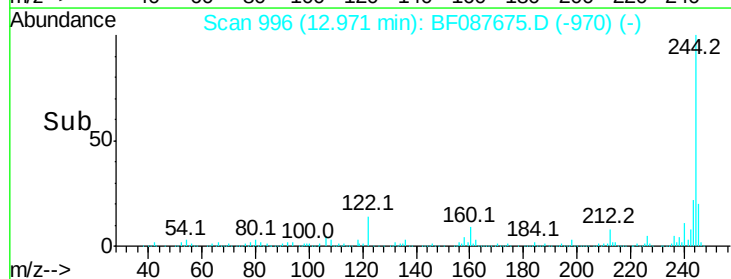
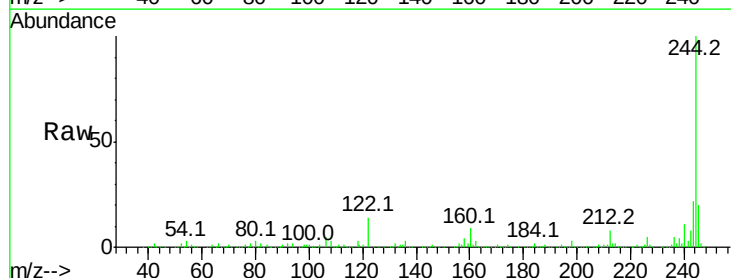
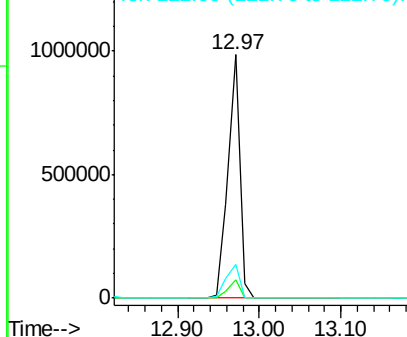
Delta R.T. 0.00 min

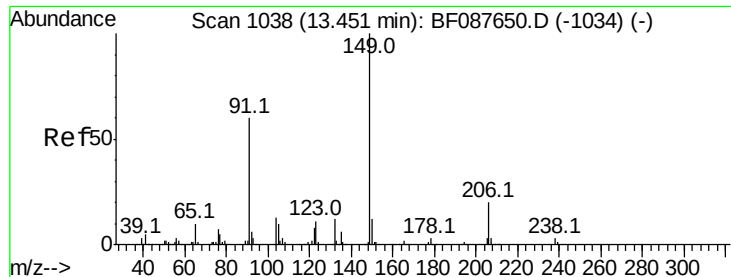
Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	244	Resp:	992468
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.0	9.0
122	13.8	11.2	16.8

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.62 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

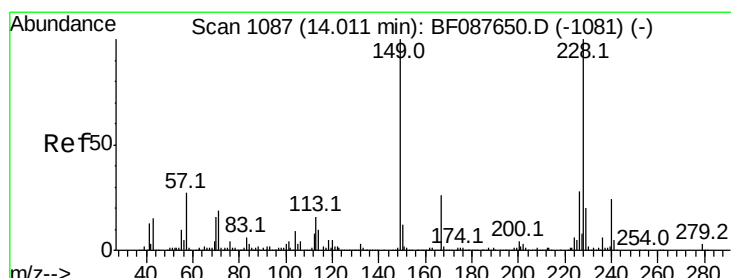
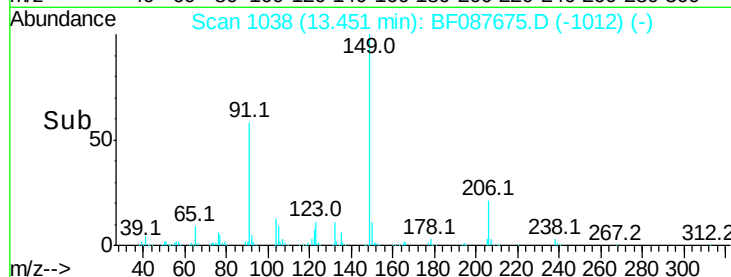
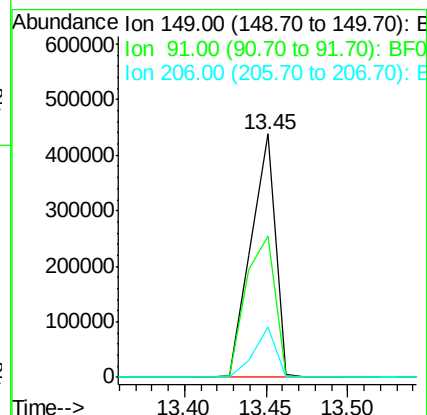
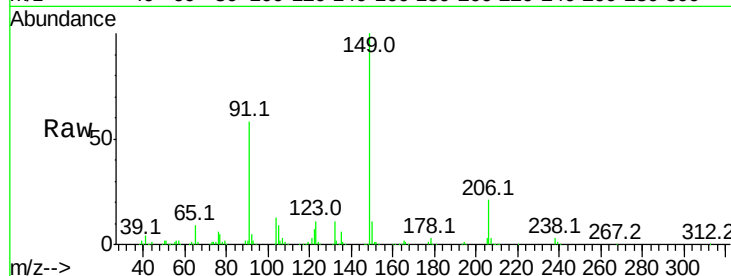
ClientSampled :

PB91096BS

Tot Ion:	149	Resp:	457499
Ion Ratio	Lower	Upper	
149	100		
91	58.1	48.0	72.0
206	20.7	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 41.82 ng

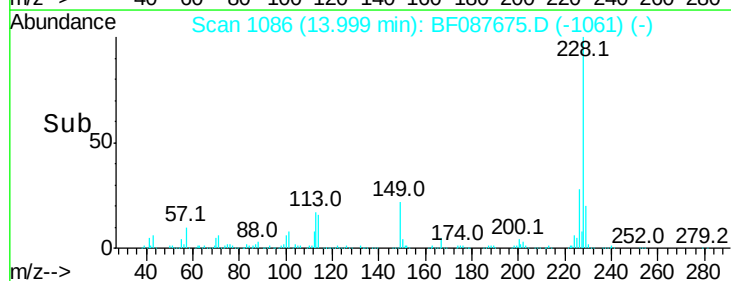
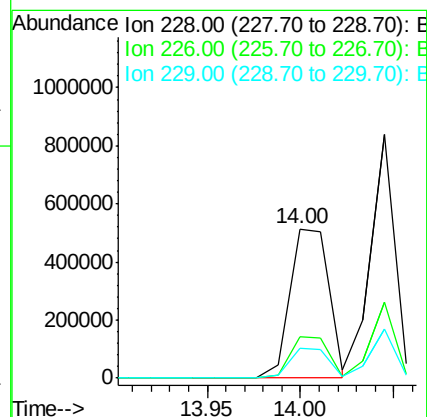
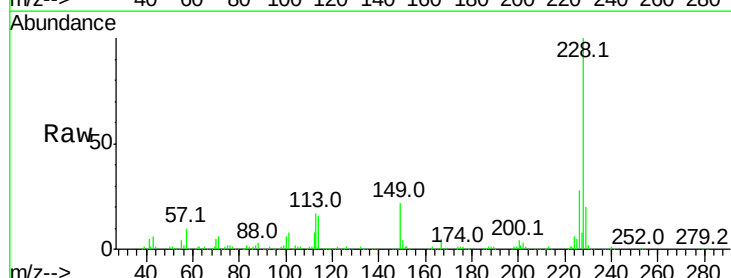
RT: 14.00 min Scan# 1086

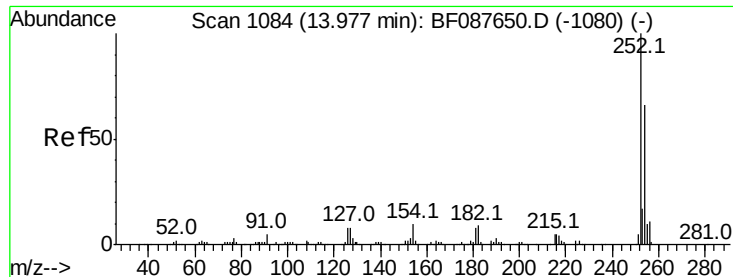
Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	228	Resp:	749410
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.3	33.5
229	20.3	16.0	24.0





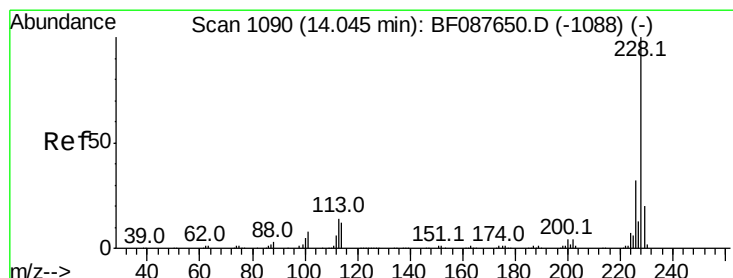
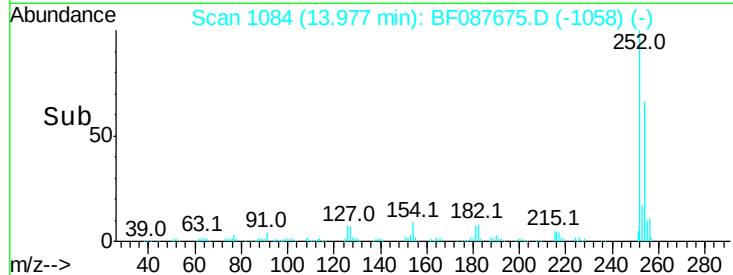
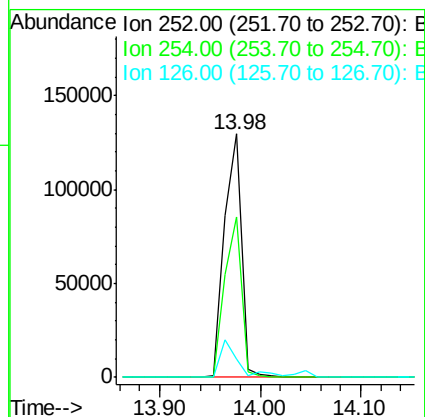
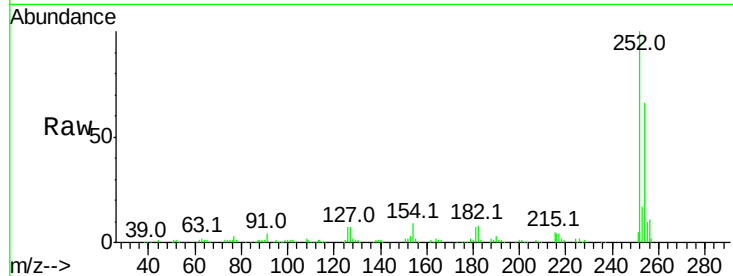
#81
 3,3'-Dichlorobenzidine
 Concen: 30.48 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	154098		
254	65.8	52.6	78.8	
126	7.3	6.2	9.2	

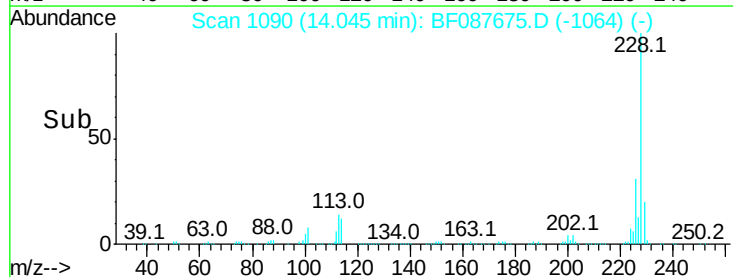
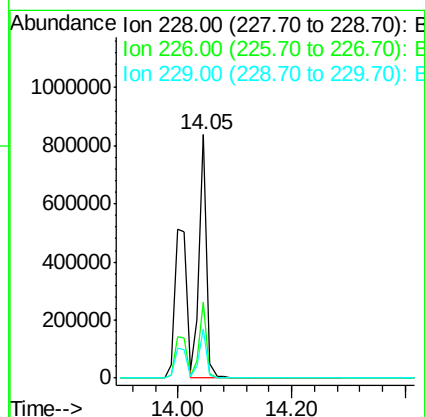
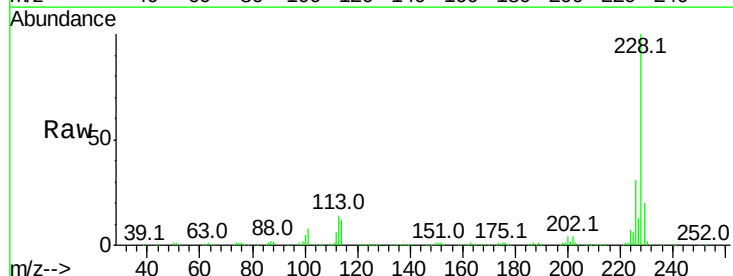
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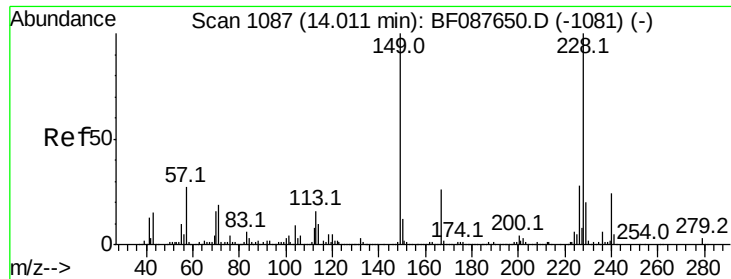
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#82
 Chrysene
 Concen: 42.88 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	764778		
226	31.2	25.4	38.2	
229	20.3	16.3	24.5	





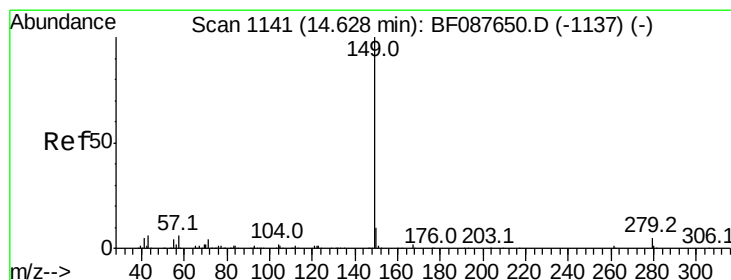
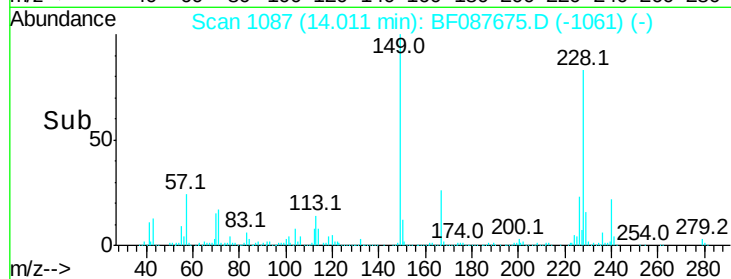
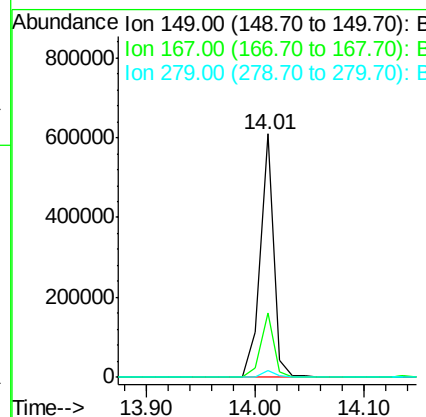
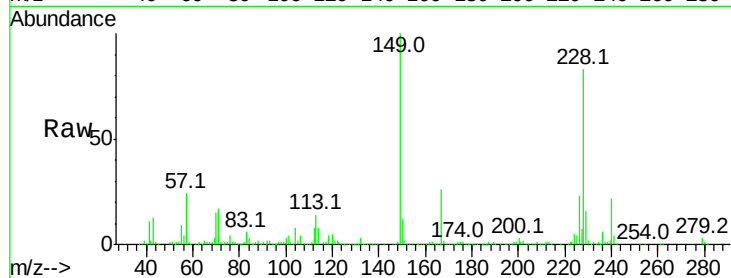
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.40 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	20.5	30.7	
279	3.0	2.0	3.0#	

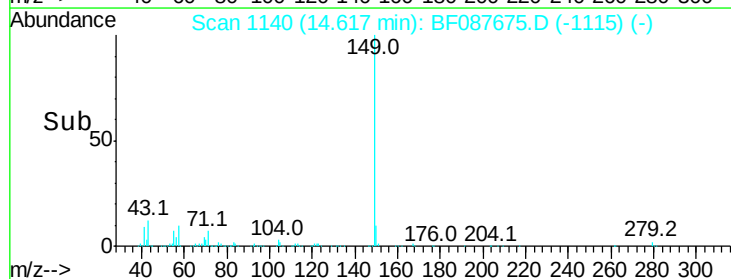
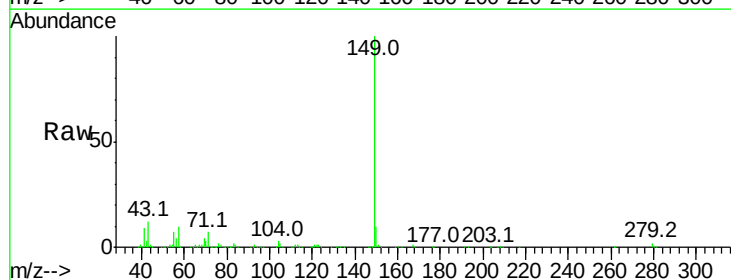
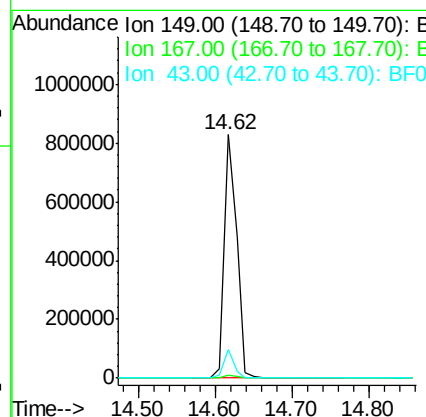
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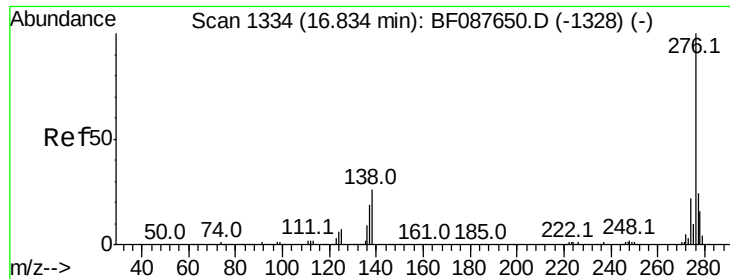
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#84
 Di-n-octyl phthalate
 Concen: 45.30 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	0.0	0.0#	
43	9.6	0.0	0.0#	





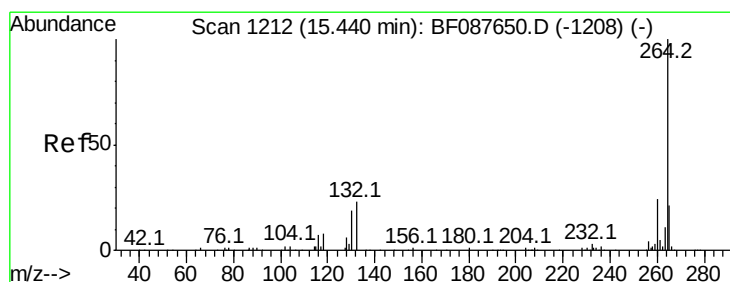
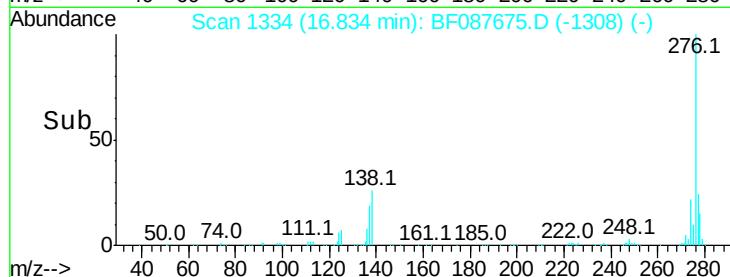
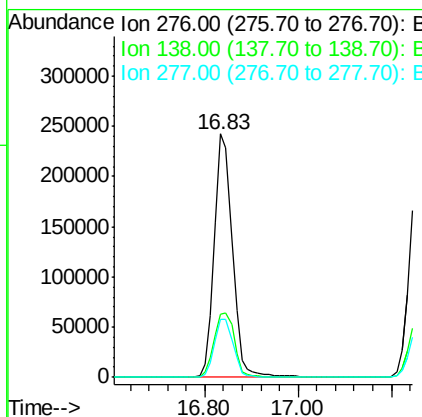
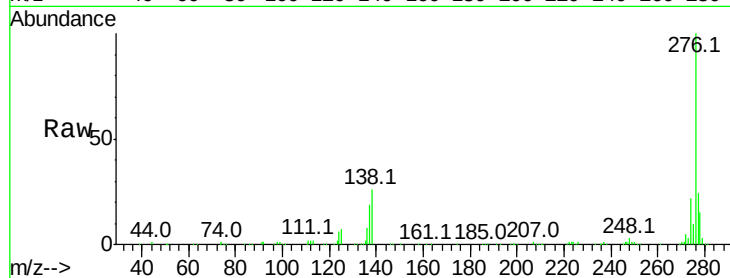
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.52 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.1	0.0	0.0#

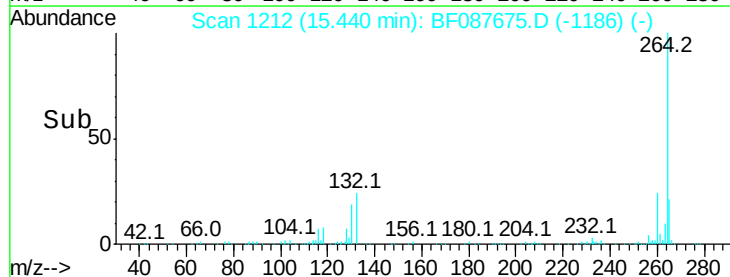
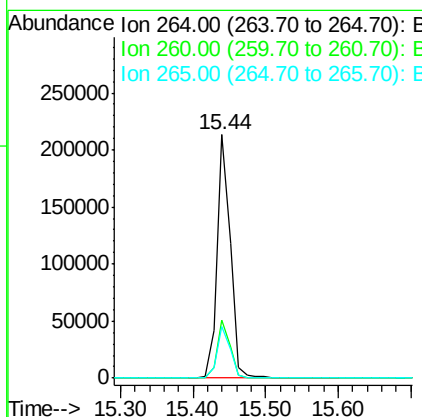
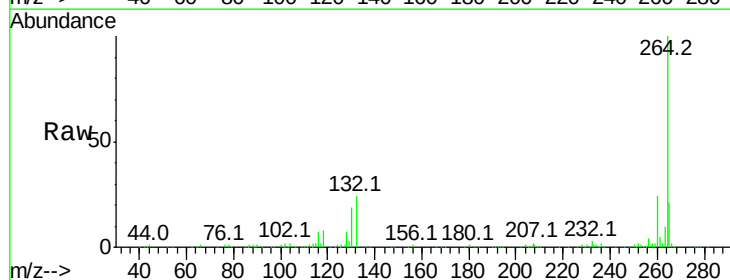
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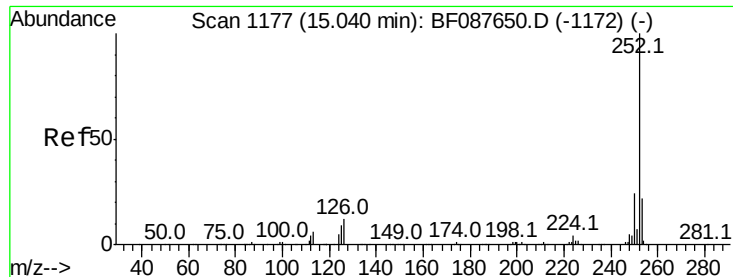
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 43.23 ng m

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

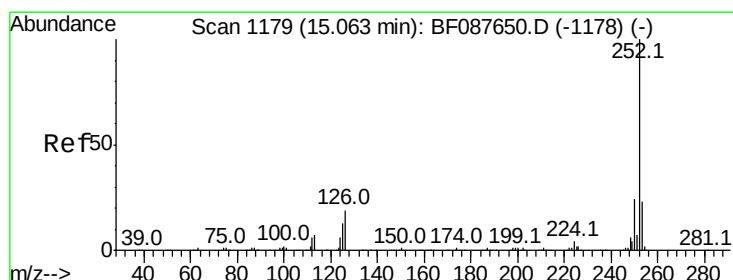
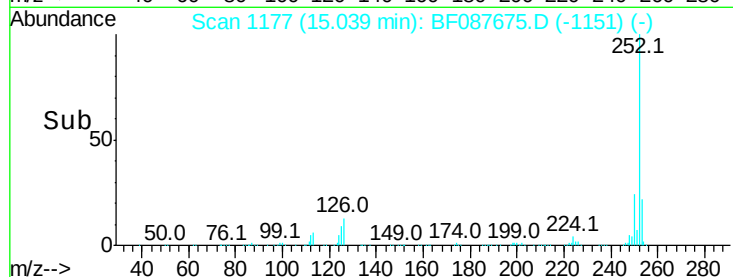
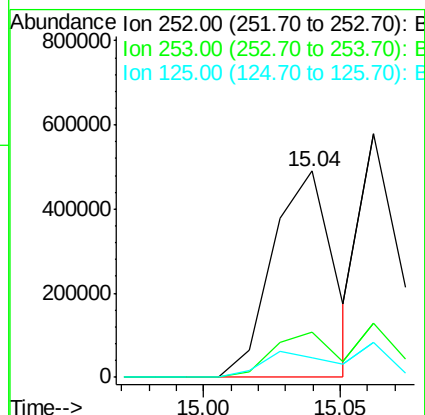
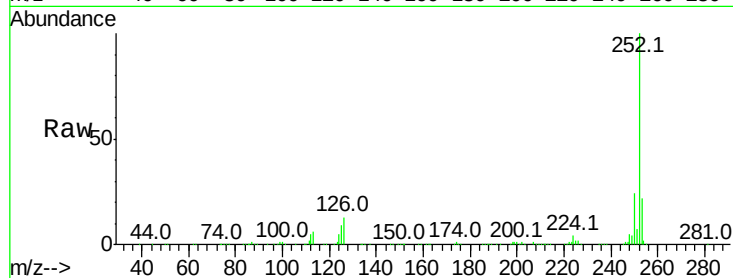
ClientSampleId :

PB91096BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.4	7.1	10.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.99 ng m

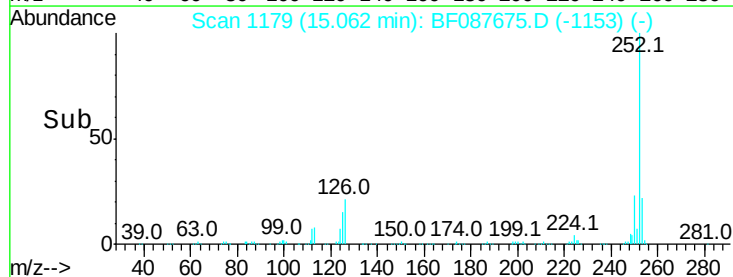
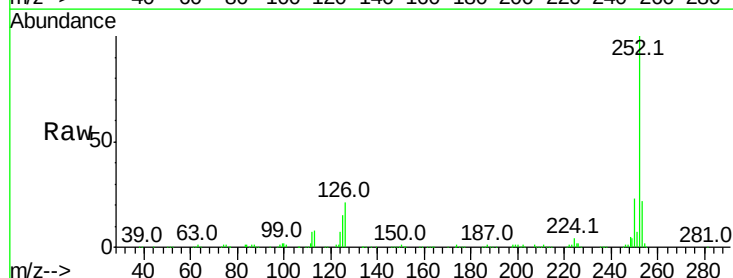
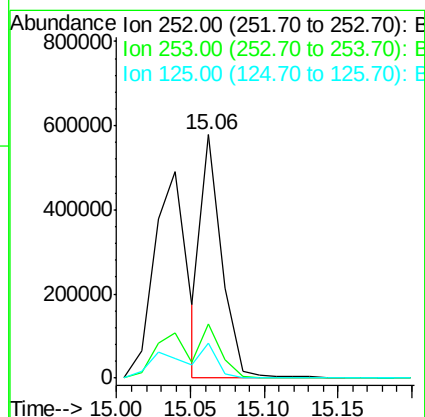
RT: 15.06 min Scan# 1179

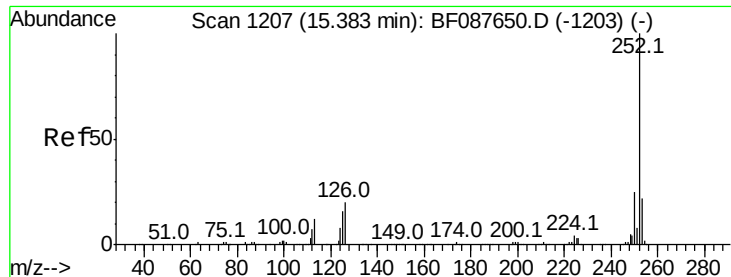
Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	14.5	11.2	16.8





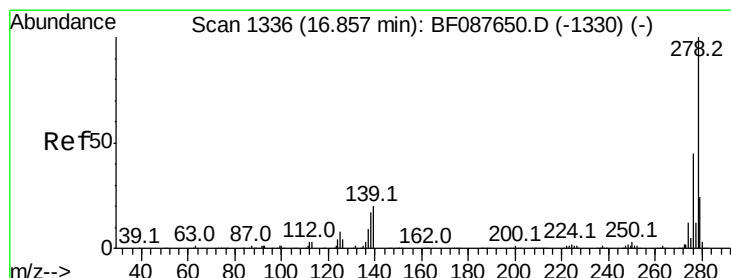
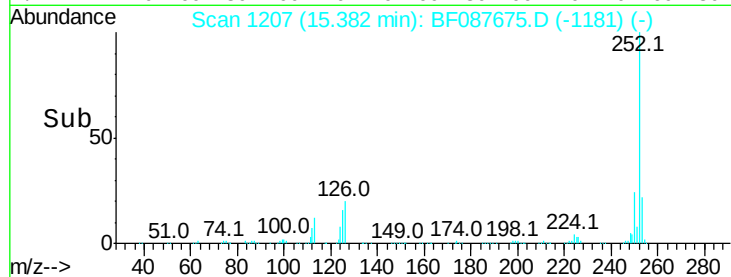
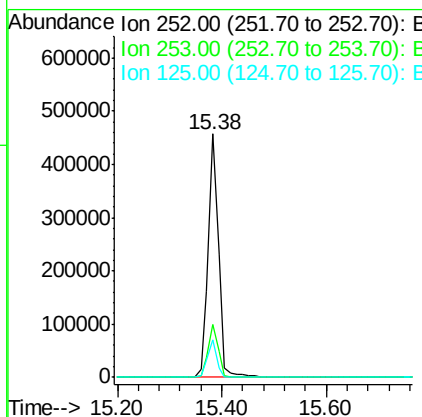
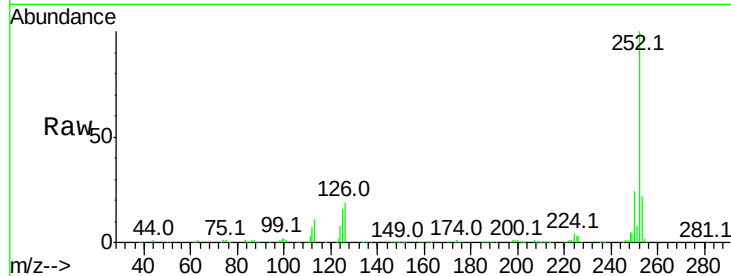
#89
Benzo(a)pyrene
Concen: 42.23 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.5	12.5	18.7

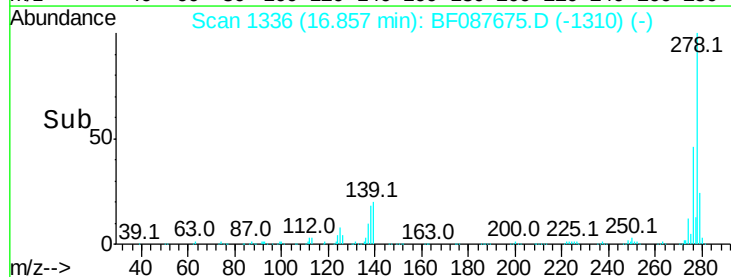
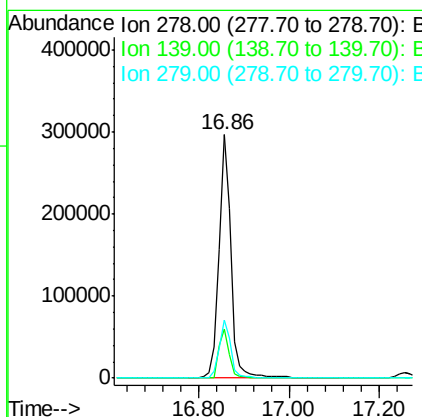
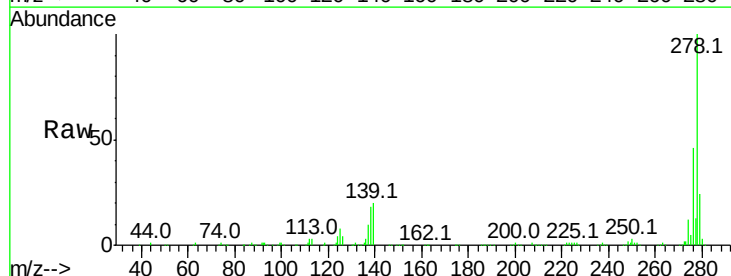
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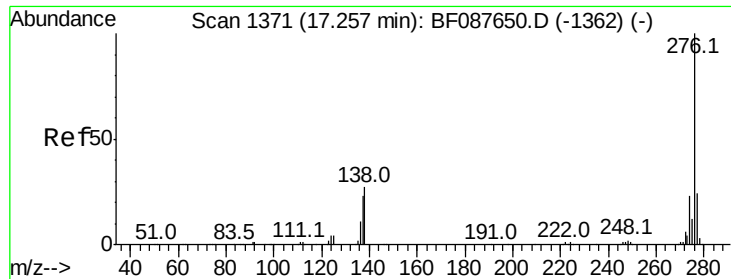
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#90
Dibenzo(a,h)anthracene
Concen: 43.64 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.7	23.5
279	24.0	19.4	29.2





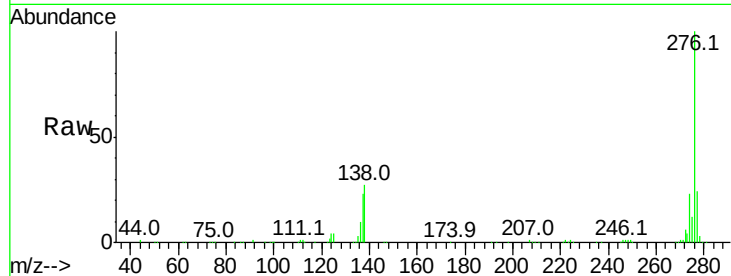
#91
 Benzo(a,h,i)perylene
 Concen: 42.99 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tot Ion:	276	Resp:	546149
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	26.9	21.4	32.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

