

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081150.D
 Acq On : 21 Aug 2015 17:39
 Operator : UM/IZ
 Sample : G3312-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 11:23:42 AM

Quant Time: Aug 22 05:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	58946	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	233089	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	113352	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	222721	20.00	ng	0.00
75) Chrysene-d12	13.67	240	162705	20.00	ng	0.00
86) Perylene-d12	15.00	264	119926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	422913	107.91	ng	0.02
7) Phenol-d6	6.21	99	567722	111.03	ng	0.00
23) Nitrobenzene-d5	7.13	82	381252	74.72	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	95765	97.46	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	551756	63.78	ng	0.00
78) Terphenyl-d14	12.63	244	482243	63.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	49323	26.71	ng	94
3) Pyridine	2.62	79	117852	22.61	ng	# 82
4) n-Nitrosodimethylamine	2.56	42	94993	32.73	ng	86
6) Aniline	6.22	93	171425	23.06	ng	# 43
8) 2-Chlorophenol	6.34	128	151938	35.42	ng	83
9) Benzaldehyde	6.09	77	70756	21.46	ng	99
10) Phenol	6.23	94	195220	32.33	ng	# 72
11) bis(2-Chloroethyl)ether	6.31	93	164247	35.45	ng	95
12) 1,3-Dichlorobenzene	6.49	146	142245	30.86	ng	# 90
13) 1,4-Dichlorobenzene	6.57	146	145073	31.79	ng	95
14) 1,2-Dichlorobenzene	6.73	146	133147m	31.17	ng	
15) Benzyl Alcohol	6.71	79	135068	32.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	319541	35.09	ng	98
17) 2-Methylphenol	6.84	107	127723	34.70	ng	95
18) Hexachloroethane	7.06	117	53605	29.07	ng	92
19) n-Nitroso-di-n-propylamine	6.98	70	121315	34.25	ng	96
20) 3+4-Methylphenols	7.00	107	167457	35.85	ng	# 43
22) Acetophenone	6.97	105	225974	36.93	ng	# 90
24) Nitrobenzene	7.14	77	163504	30.65	ng	94
25) Isophorone	7.40	82	332842	34.98	ng	# 95
26) 2-Nitrophenol	7.46	139	75889	34.20	ng	# 85
27) 2,4-Dimethylphenol	7.52	122	136525	34.78	ng	92
28) bis(2-Chloroethoxy)methane	7.61	93	209151	37.21	ng	99
29) 2,4-Dichlorophenol	7.72	162	118075	35.73	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	123782	33.70	ng	96
31) Naphthalene	7.86	128	418144	32.18	ng	99
33) 4-Chloroaniline	7.92	127	125149	22.83	ng	94
34) Hexachlorobutadiene	7.99	225	70471	33.93	ng	99
35) Caprolactam	8.29	113	44063m	38.15	ng	
36) 4-Chloro-3-methylphenol	8.41	107	137653	34.95	ng	99
37) 2-Methylnaphthalene	8.55	142	278056	33.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	120725	33.01	ng	98
40) Hexachlorocyclopentadiene	8.71	237	55285	29.21	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	82301	31.85	ng	98

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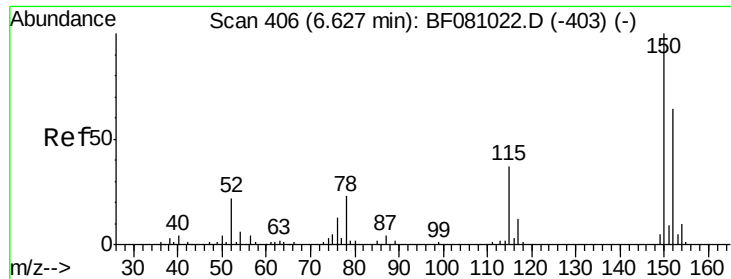
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.88	196	90712	35.13	ng	98
45) 1,1'-Biphenyl	9.02	154	355199	35.58	ng	97
46) 2-Chloronaphthalene	9.04	162	268707	33.50	ng	99
47) 2-Nitroaniline	9.14	65	120796	36.80	ng	# 70
48) Acenaphthylene	9.45	152	446920	31.15	ng	99
49) Dimethylphthalate	9.33	163	352750	37.79	ng	99
50) 2,6-Dinitrotoluene	9.38	165	60889	30.38	ng	# 66
51) Acenaphthene	9.62	154	260296	30.30	ng	99
52) 3-Nitroaniline	9.54	138	60180	23.99	ng	99
53) 2,4-Dinitrophenol	9.66	184	12285	15.33	ng	# 62
54) Dibenzofuran	9.78	168	365104	31.72	ng	92
55) 4-Nitrophenol	9.73	139	113449	64.40	ng	# 82
56) 2,4-Dinitrotoluene	9.78	165	83015	31.25	ng	# 65
57) Fluorene	10.13	166	274123	30.96	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	64329m	32.19	ng	
59) Diethylphthalate	10.02	149	323104	32.70	ng	98
60) 4-Chlorophenyl-phenylether	10.13	204	120359	32.12	ng	96
61) 4-Nitroaniline	10.16	138	84650	33.02	ng	90
62) Azobenzene	10.29	77	395150	34.71	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	16935	12.73	ng	91
65) n-Nitrosodiphenylamine	10.25	169	280315	35.26	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	69871	31.93	ng	96
67) Hexachlorobenzene	10.68	284	79320	35.80	ng	# 89
68) Atrazine	10.78	200	77508	34.99	ng	98
69) Pentachlorophenol	10.87	266	86207	64.84	ng	98
70) Phenanthrene	11.08	178	387680	29.37	ng	99
71) Anthracene	11.13	178	443894	34.56	ng	99
72) Carbazole	11.29	167	450340	36.42	ng	100
73) Di-n-butylphthalate	11.64	149	528771	35.34	ng	99
74) Fluoranthene	12.25	202	453106	31.81	ng	94
76) Benzidine	12.39	184	157373	25.60	ng	98
77) Pyrene	12.48	202	486986	36.82	ng	99
79) Butylbenzylphthalate	13.11	149	211863	37.26	ng	# 60
80) Benzo(a)anthracene	13.66	228	333926	30.60	ng	100
81) 3,3'-Dichlorobenzidine	13.64	252	119154	33.71	ng	# 94
82) Chrysene	13.69	228	300696m	30.58	ng	
83) Bis(2-ethylhexyl)phthalate	13.68	149	296982	40.78	ng	100
84) Di-n-octyl phthalate	14.29	149	485333	43.85	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.19	276	246609	35.72	ng	# 94
87) Benzo(b)fluoranthene	14.65	252	344917m	40.66	ng	
88) Benzo(k)fluoranthene	14.68	252	207790m	26.29	ng	
89) Benzo(a)pyrene	14.95	252	262634	35.53	ng	98
90) Dibenzo(a,h)anthracene	16.20	278	211231	36.68	ng	# 95
91) Benzo(g,h,i)perylene	16.54	276	195881	33.52	ng	# 94

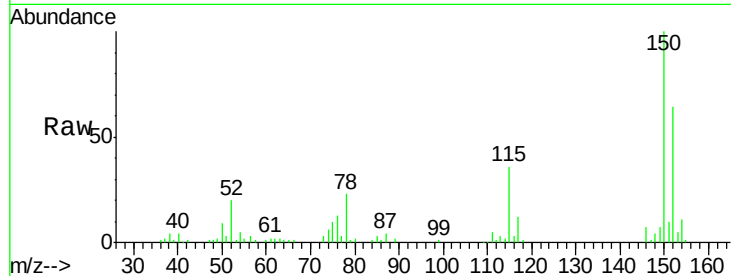
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF081150.D
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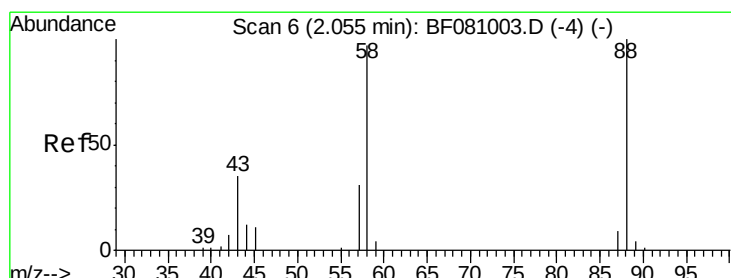
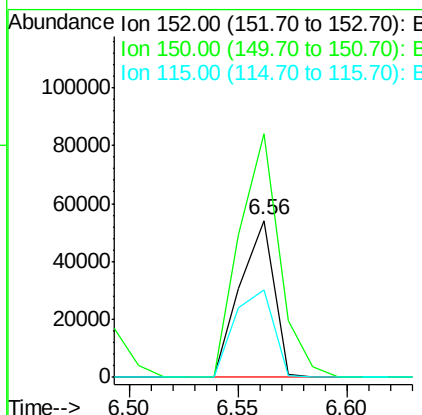
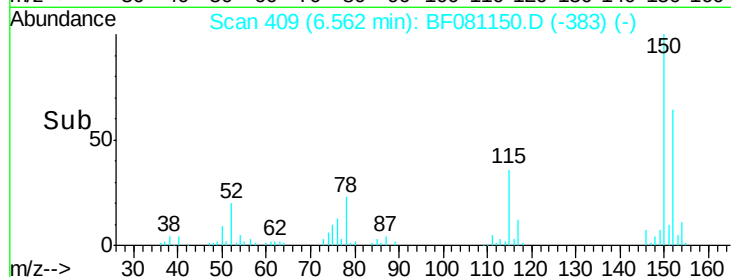
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	55.7	52.1	78.1

Manual Integrations
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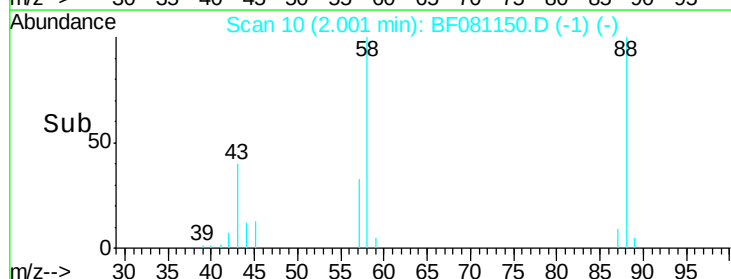
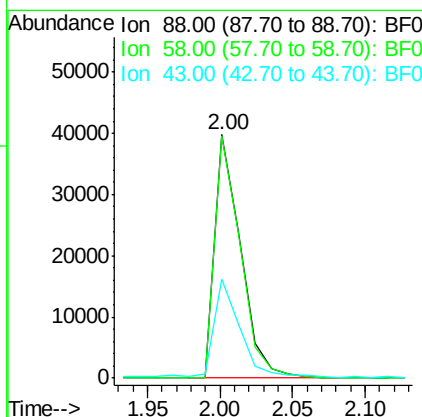
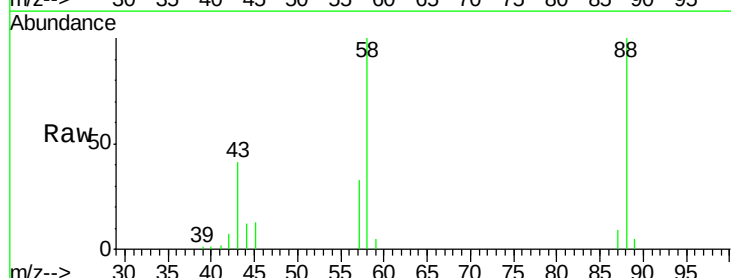
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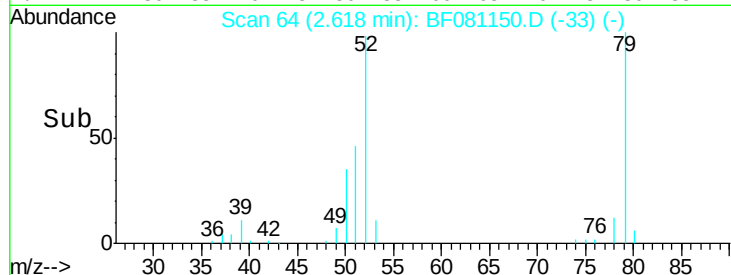
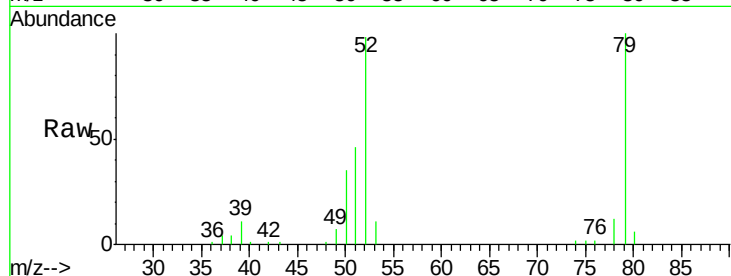
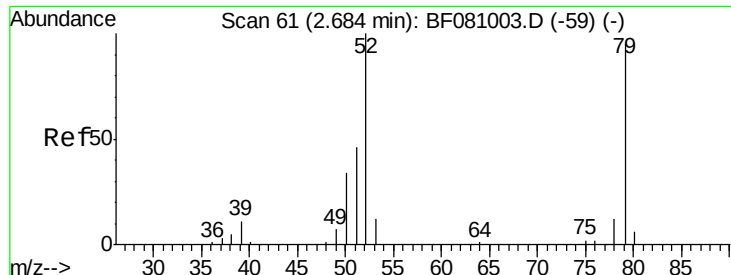


#2

1,4-Dioxane
Concen: 26.71 ng
RT: 2.00 min Scan# 10
Delta R.T. 0.06 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.8	83.7	125.5
43	42.6	37.5	56.3





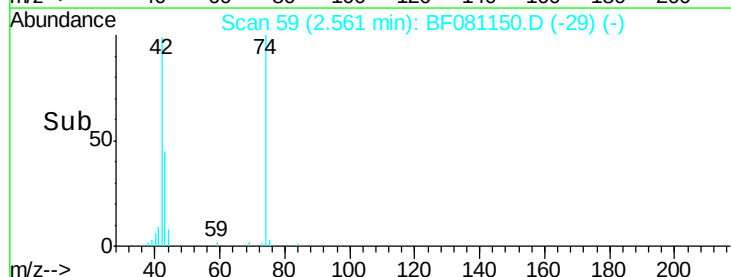
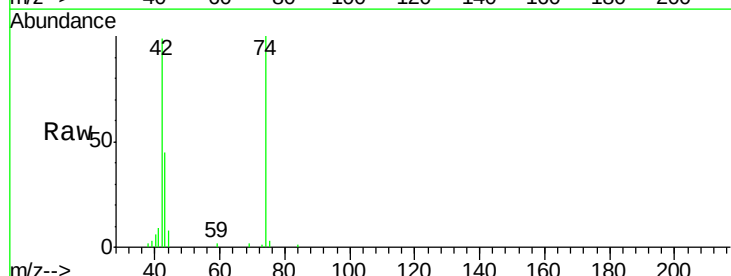
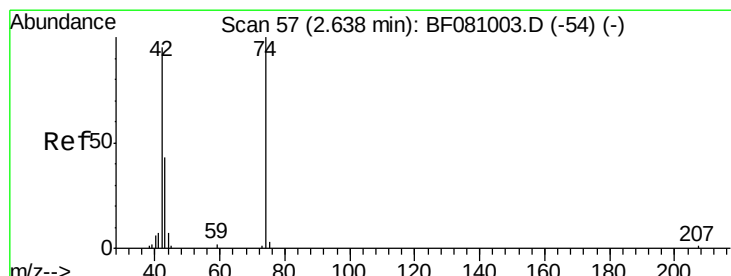
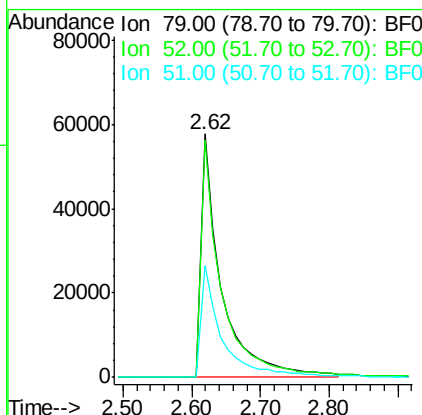
#3
 Pyridine
 Concen: 22.61 ng
 RT: 2.62 min Scan# 64
 Delta R.T. 0.06 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:	79	Resp:	117852
Ion	Ratio	Lower	Upper
79	100		
52	97.6	95.1	142.7
51	45.9	46.6	70.0#

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

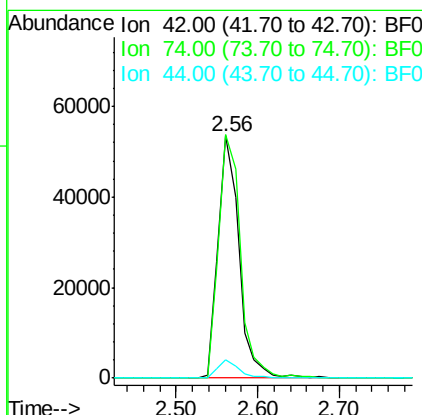
Manual Integrations
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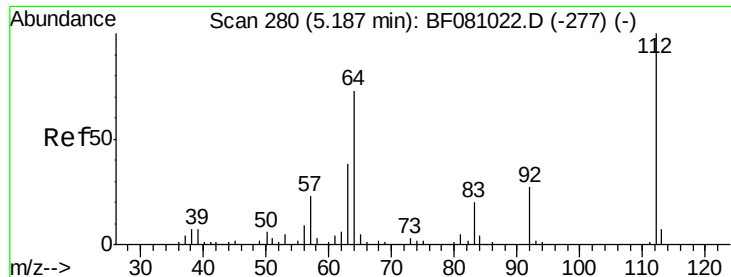
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#4
 n-Nitrosodimethylamine
 Concen: 32.73 ng
 RT: 2.56 min Scan# 59
 Delta R.T. 0.05 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:	42	Resp:	94993
Ion	Ratio	Lower	Upper
42	100		
74	100.6	69.3	103.9
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.13 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF081150.D

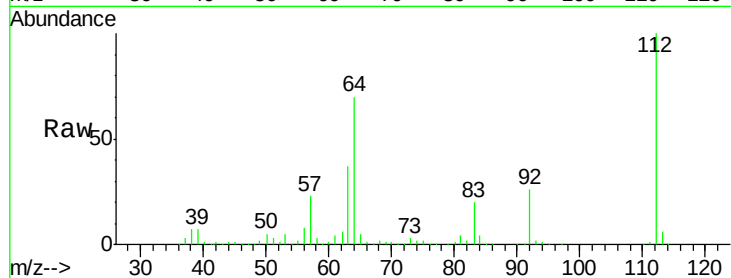
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

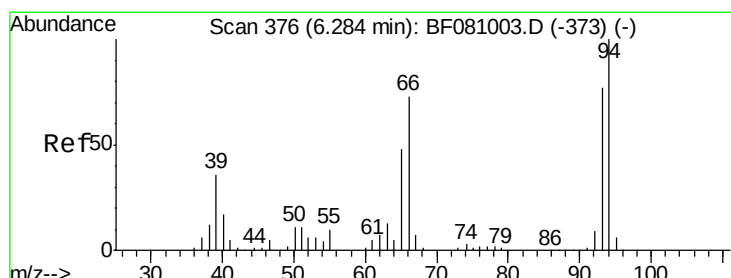
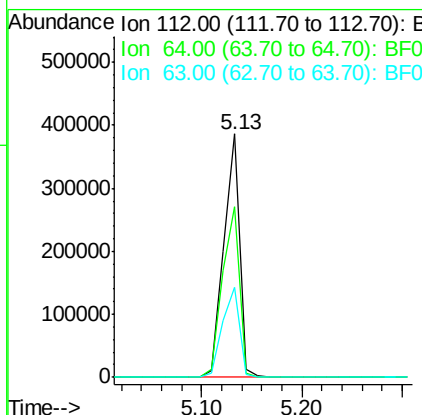
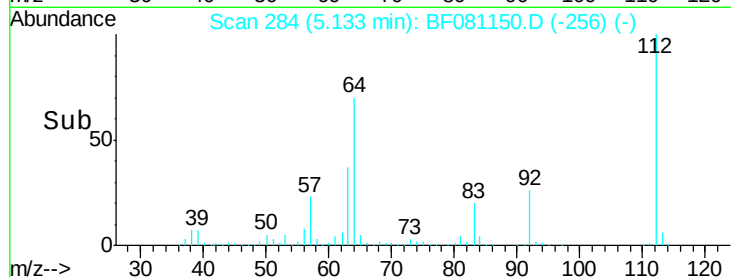
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Tgt Ion:	112	Resp:	422913
Ion Ratio	Lower	Upper	
112	100		
64	70.2	66.9	100.3
63	36.9	38.1	57.1#

Manual Integrations
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#6

Aniline

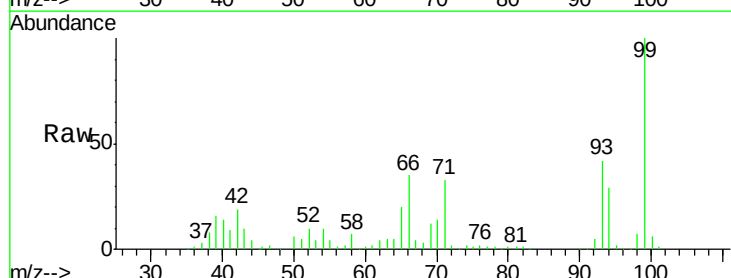
Concen: 23.06 ng

RT: 6.22 min Scan# 379

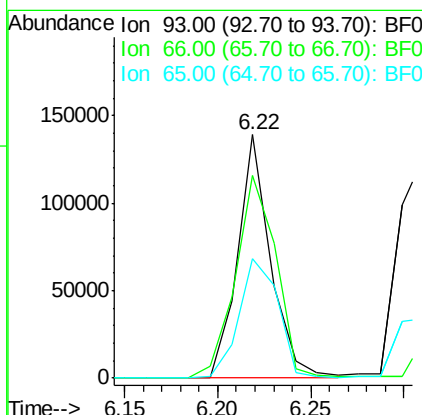
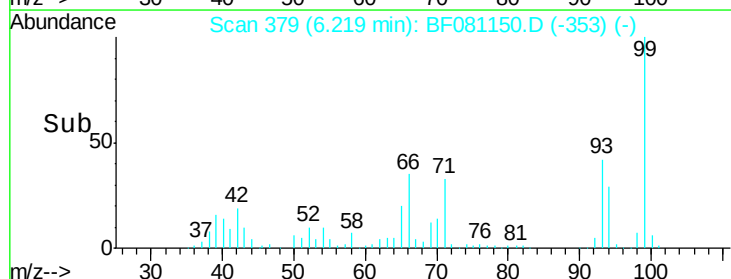
Delta R.T. 0.00 min

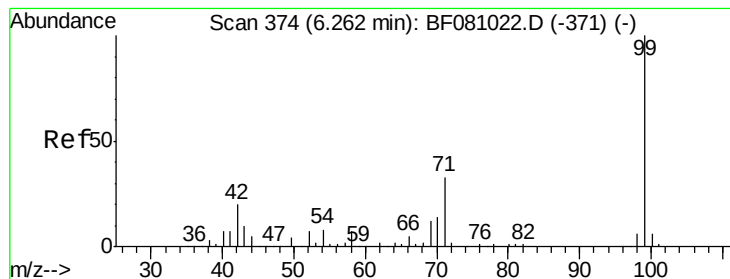
Lab File: BF081150.D

Acq: 21 Aug 2015 17:39



Tgt Ion:	93	Resp:	171425
Ion Ratio	Lower	Upper	
93	100		
66	83.4	35.6	53.4#
65	48.9	18.7	28.1#





#7

Phenol-d6

Concen: 111.03 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

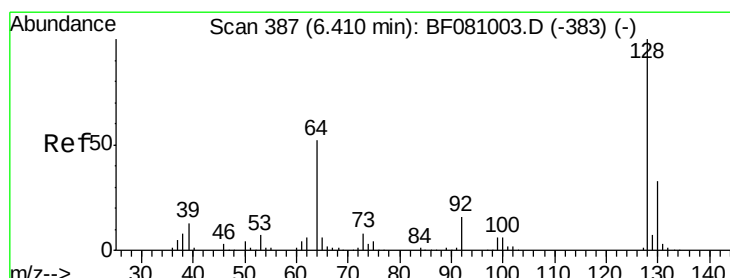
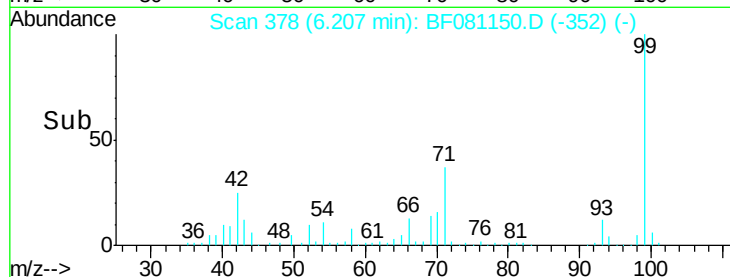
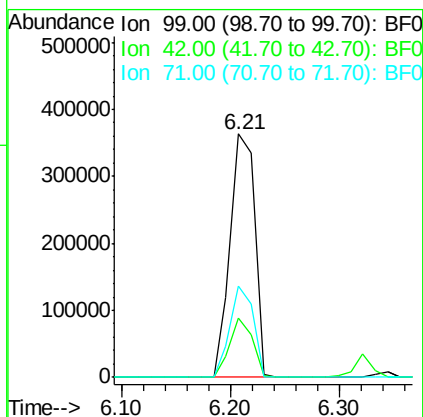
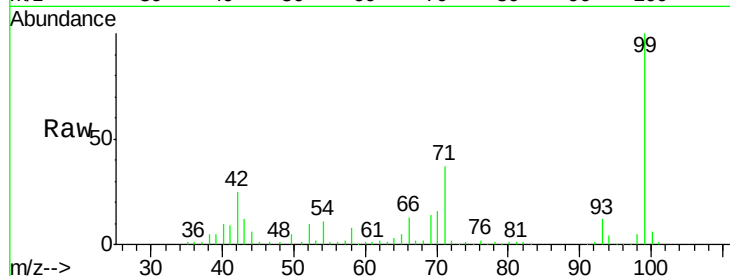
ClientSampleId :

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Tgt Ion:	99	Resp:	567722
Ion Ratio	Lower	Upper	
99	100		
42	24.6	19.6	29.4
71	37.4	31.2	46.8

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#8

2-Chlorophenol

Concen: 35.42 ng

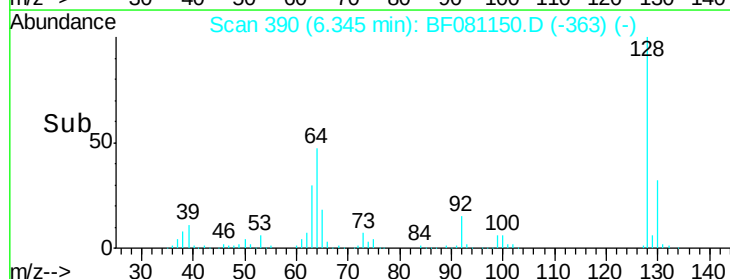
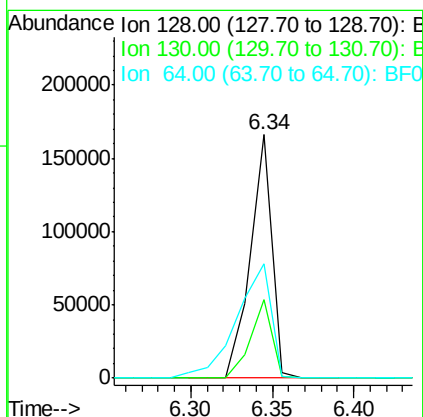
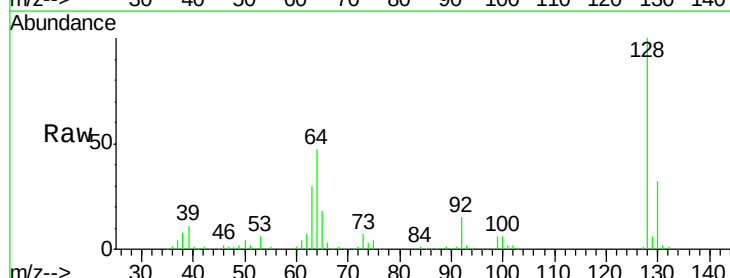
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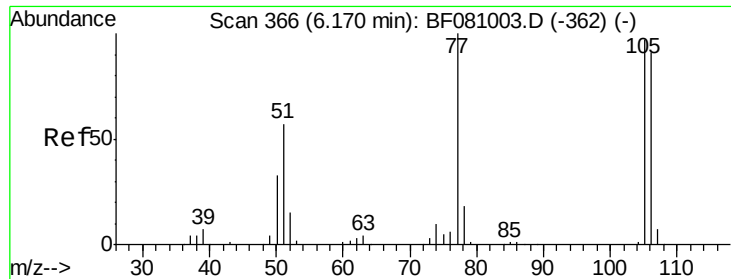
Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	128	Resp:	151938
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	47.2	46.8	86.8





#9

Benzaldehyde

Concen: 21.46 ng

RT: 6.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF081150.D

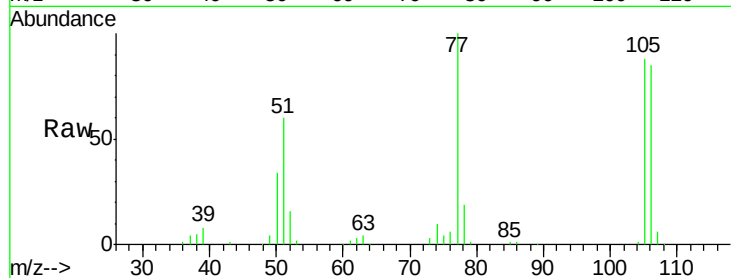
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

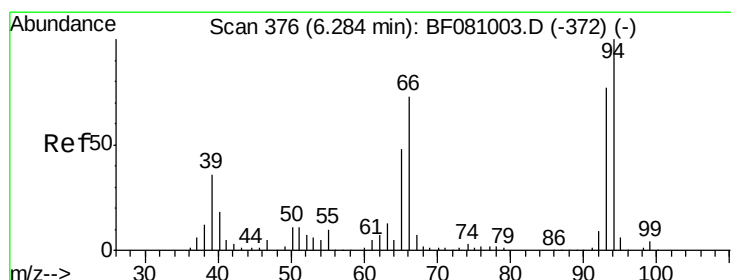
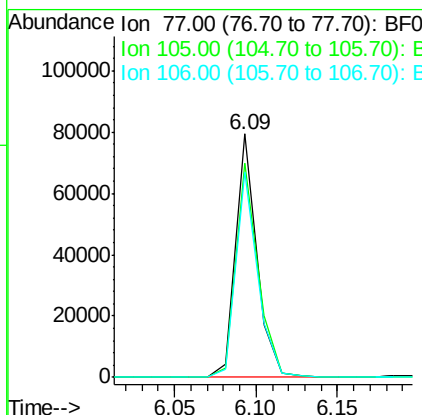
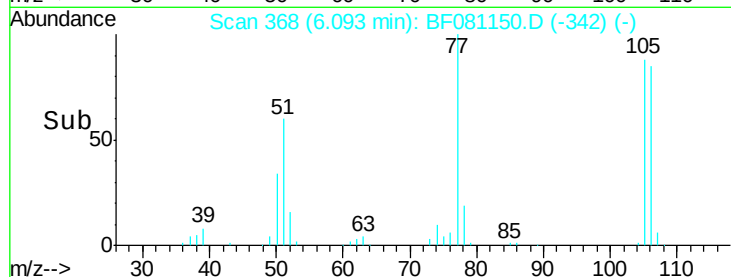
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	77	Resp:	70756
Ion	Ratio	Lower	Upper
77	100		
105	88.0	69.6	109.6
106	84.5	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 32.33 ng

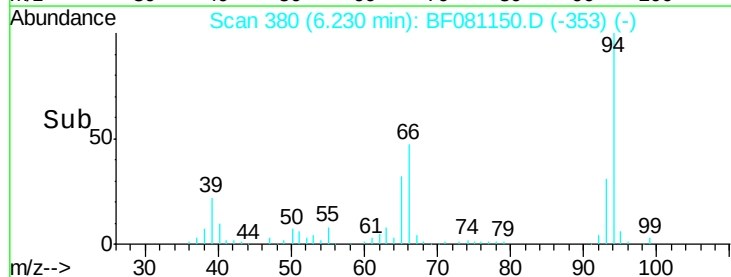
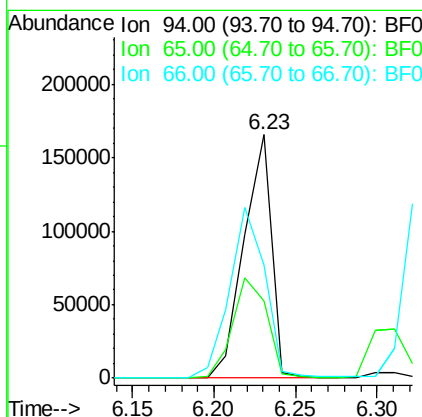
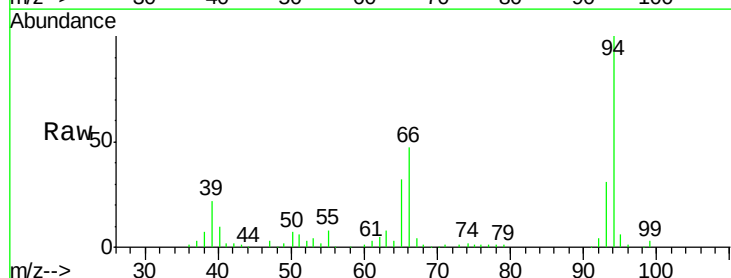
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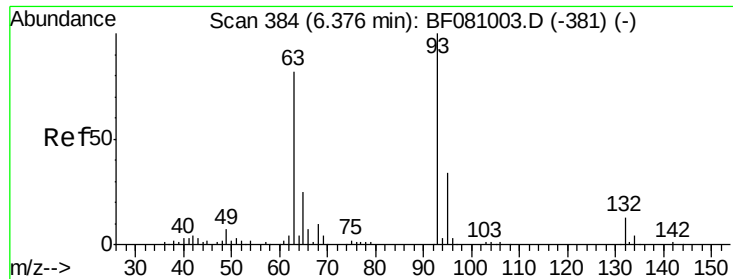
Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	94	Resp:	195220
Ion	Ratio	Lower	Upper
94	100		
65	31.7	28.4	68.4
66	46.6	52.3	92.3#





#11

bis(2-Chloroethyl)ether

Concen: 35.45 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion: 93 Resp: 164247
Ion Ratio Lower Upper

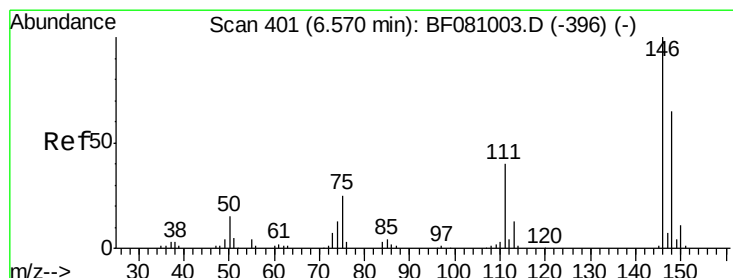
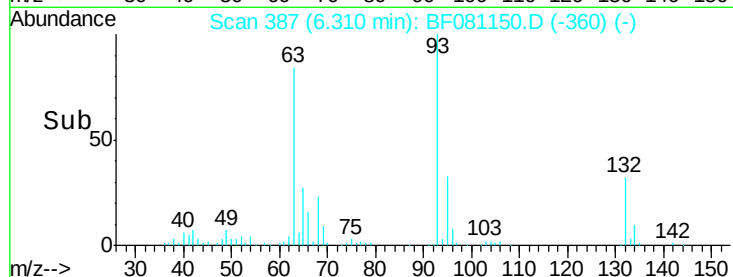
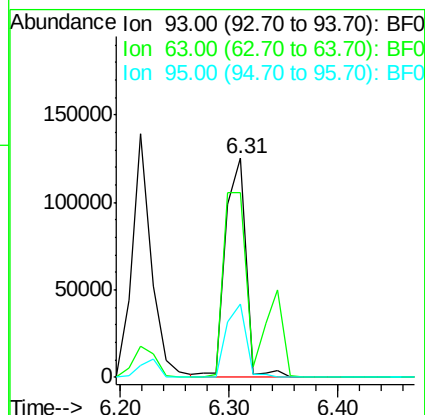
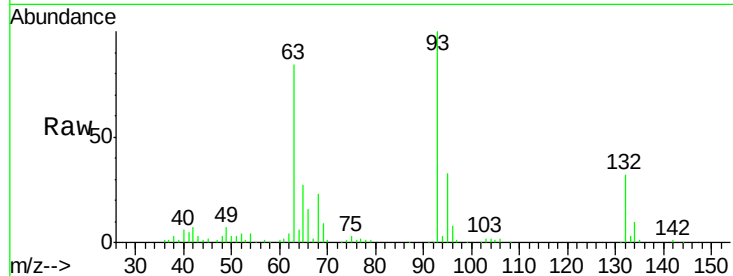
93 100

63 84.4 69.6 109.6

95 33.4 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 30.86 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF081150.D

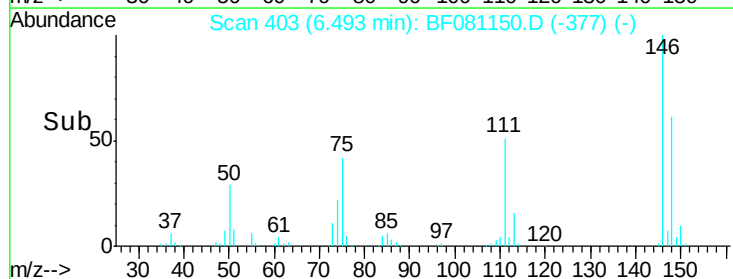
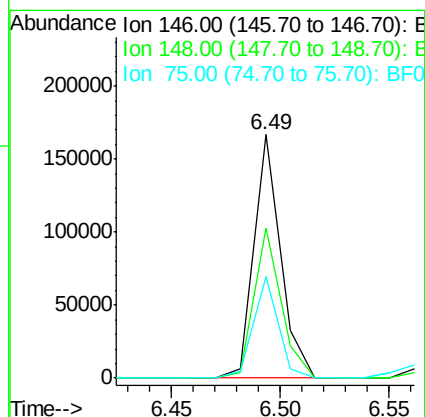
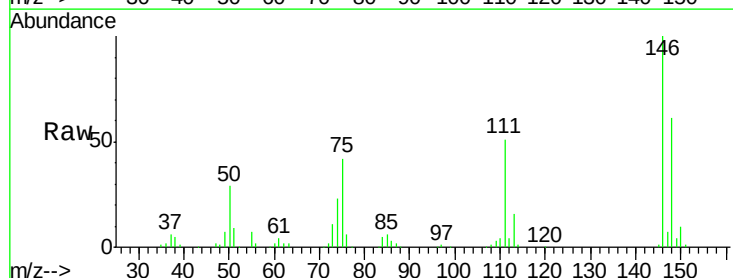
Acq: 21 Aug 2015 17:39

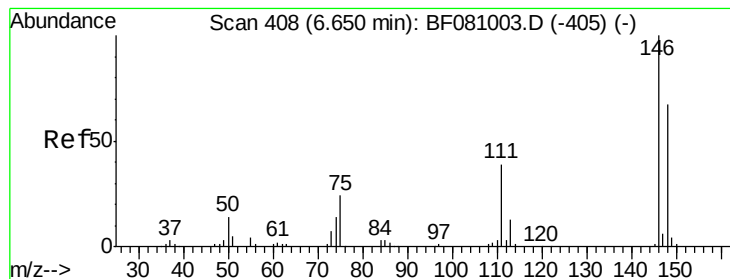
Tgt Ion: 146 Resp: 142245
Ion Ratio Lower Upper

146 100

148 61.5 53.3 79.9

75 41.5 25.0 37.6#





#13

1,4-Dichlorobenzene

Concen: 31.79 ng

RT: 6.57 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

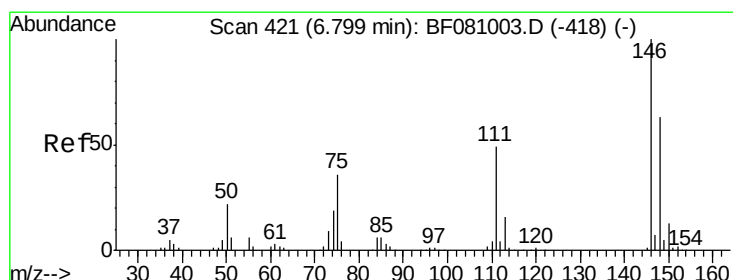
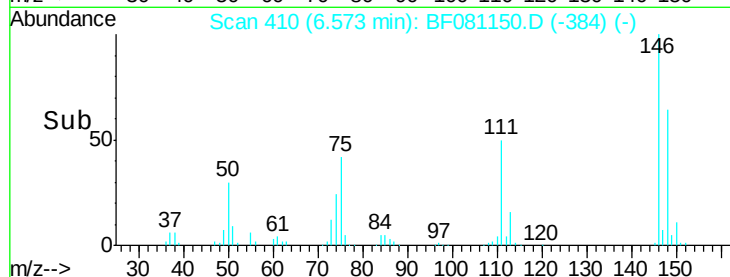
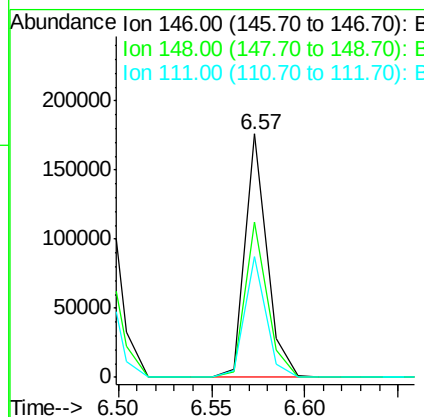
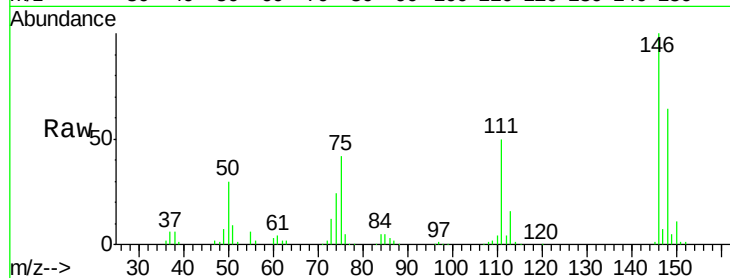
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion:	146	Resp:	145073
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.3	78.5
111	49.7	34.4	51.6

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#14

1,2-Dichlorobenzene

Concen: 31.17 ng m

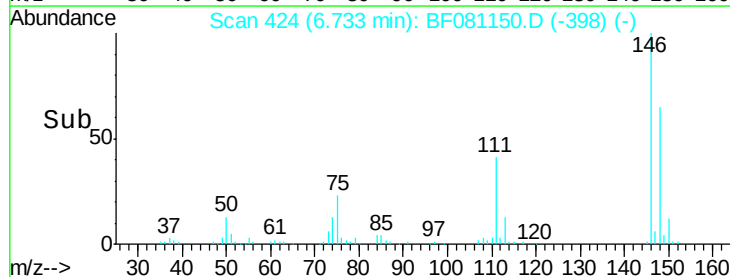
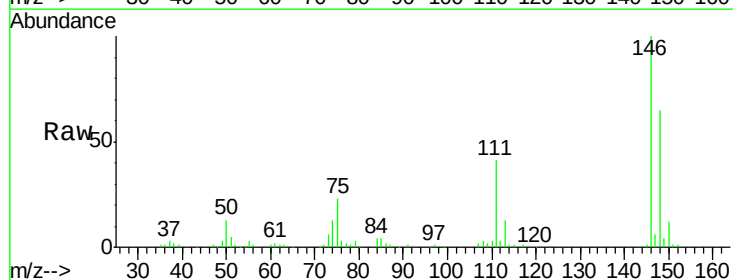
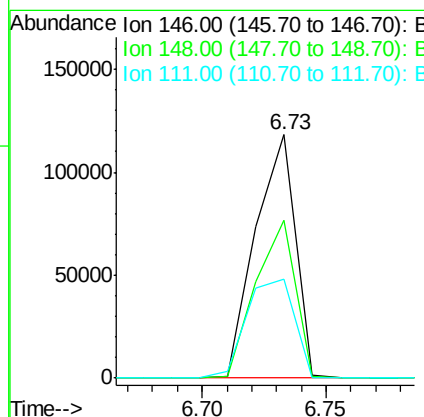
RT: 6.73 min Scan# 424

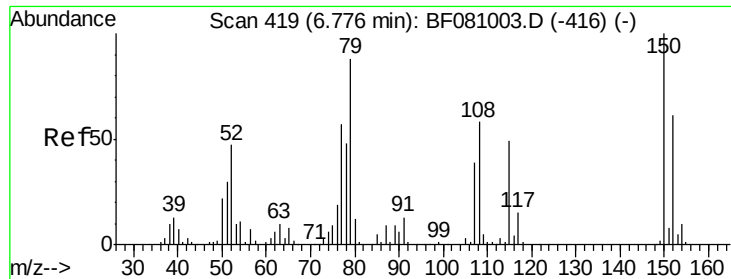
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	146	Resp:	133147
Ion Ratio	Lower	Upper	
146	100		
148	64.9	48.7	73.1
111	40.6	42.3	63.5#





#15

Benzyl Alcohol

Concen: 32.65 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

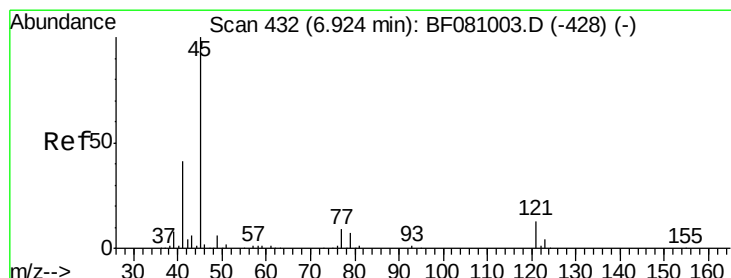
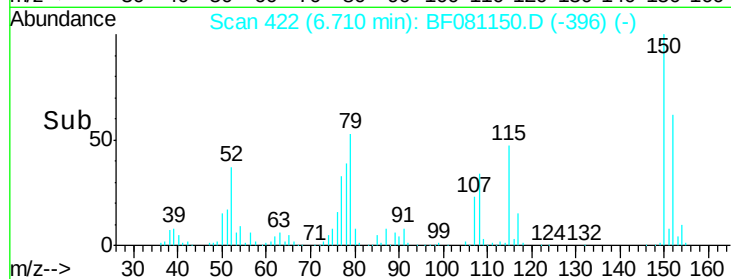
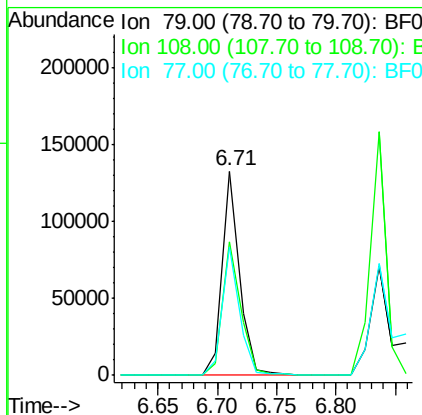
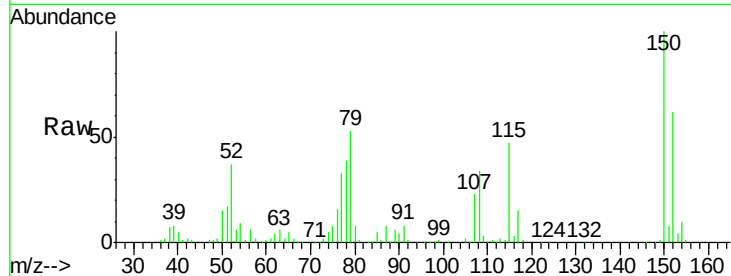
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion:	79	Resp:	135068
Ion Ratio	Lower	Upper	
79	100		
108	65.0	49.4	74.2
77	62.8	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.09 ng

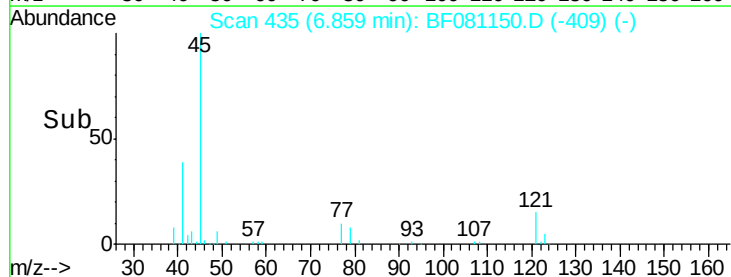
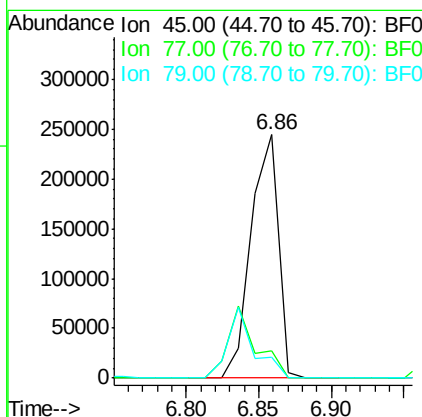
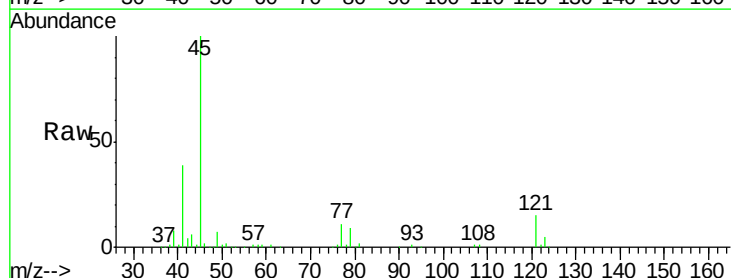
RT: 6.86 min Scan# 435

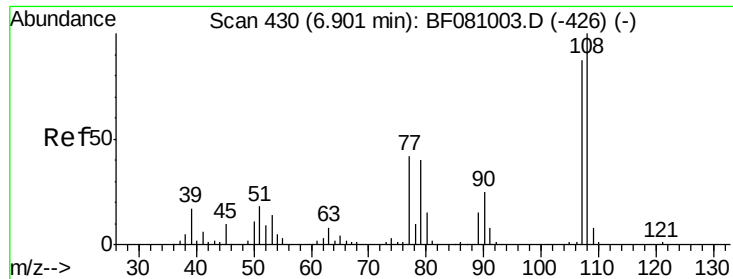
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	45	Resp:	319541
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.2
79	8.7	0.0	28.0





#17

2-Methylphenol

Concen: 34.70 ng

RT: 6.84 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081150.D

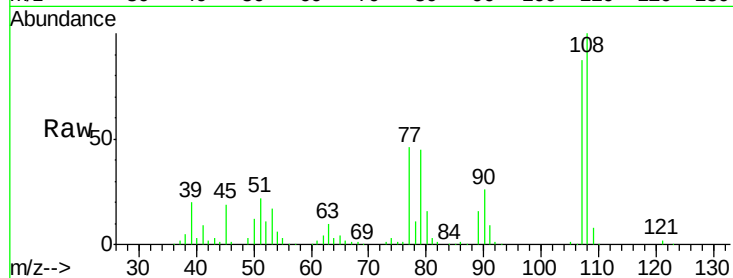
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1AMS



Tgt Ion:107 Resp: 127723

Ion Ratio Lower Upper

107 100

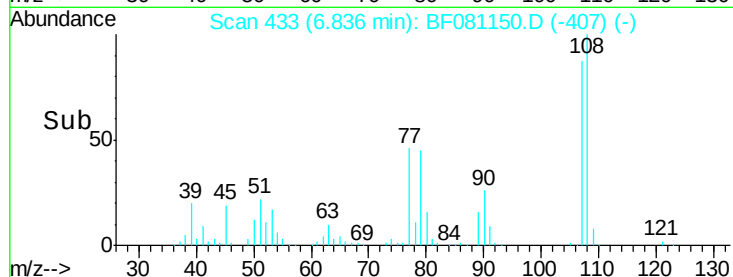
108 114.8 90.4 135.6

77 52.9 46.5 69.7

79 51.7 46.3 69.5

Manual Integrations
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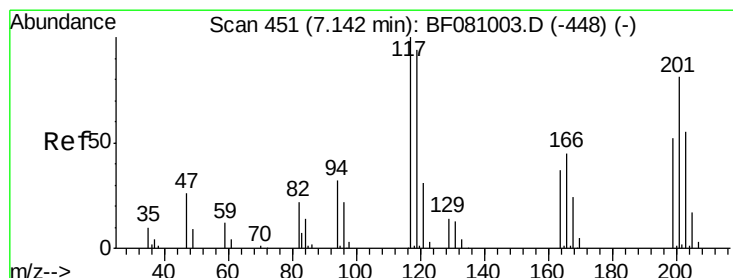
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 29.07 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

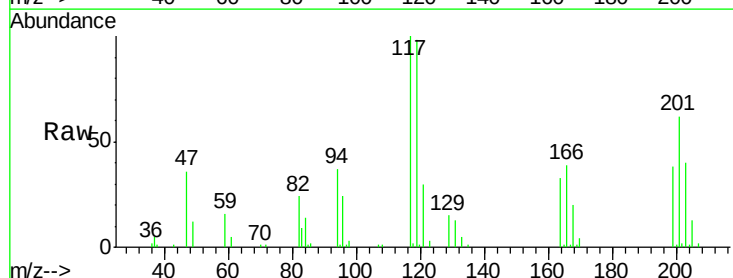
Tgt Ion:117 Resp: 53605

Ion Ratio Lower Upper

117 100

119 97.8 77.9 116.9

201 62.1 61.3 91.9

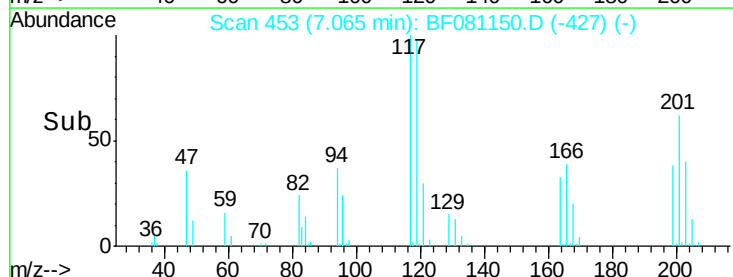


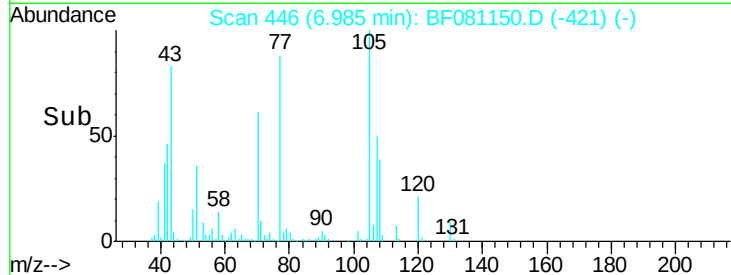
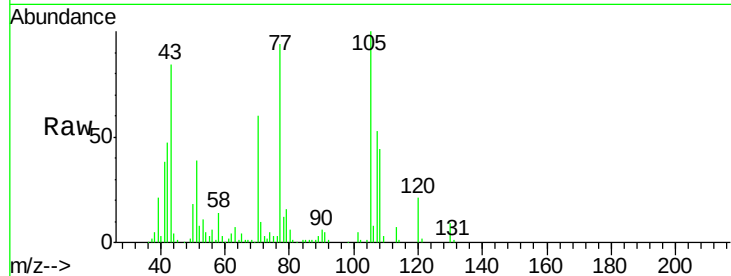
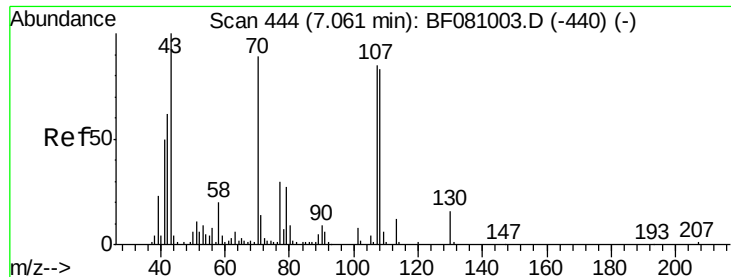
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





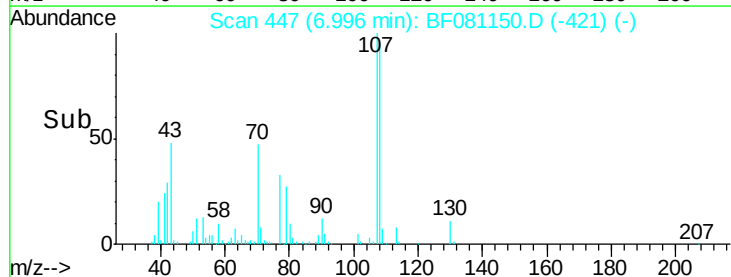
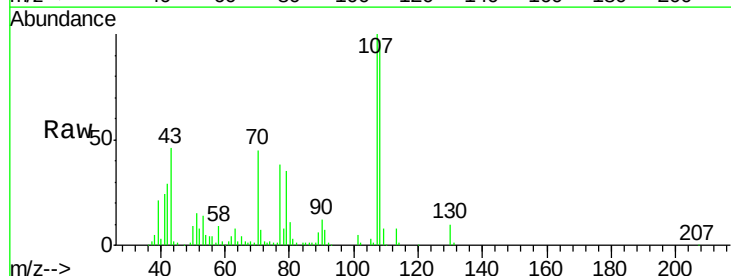
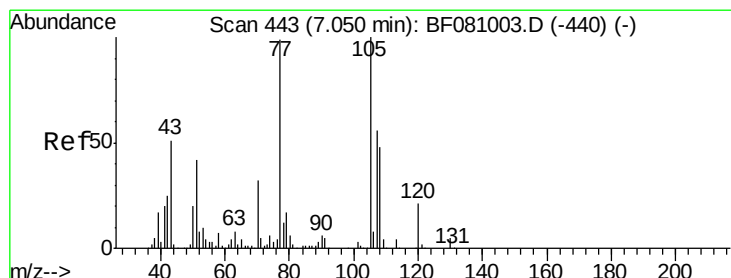
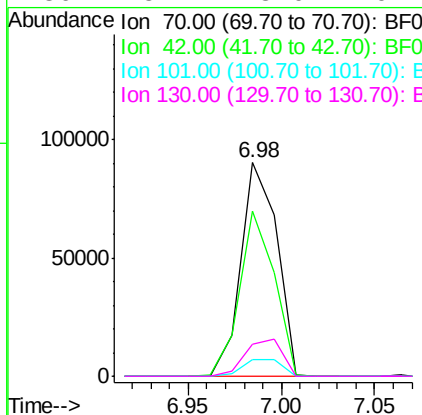
#19
n-Nitroso-di-n-propylamine
Concen: 34.25 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

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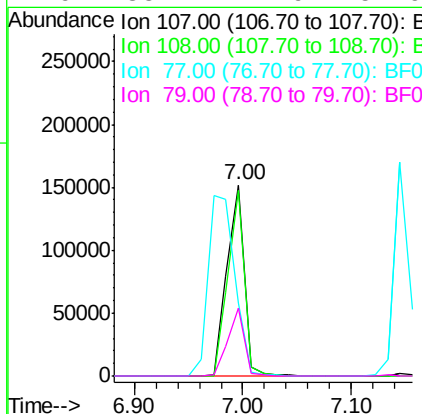
MMDadoda
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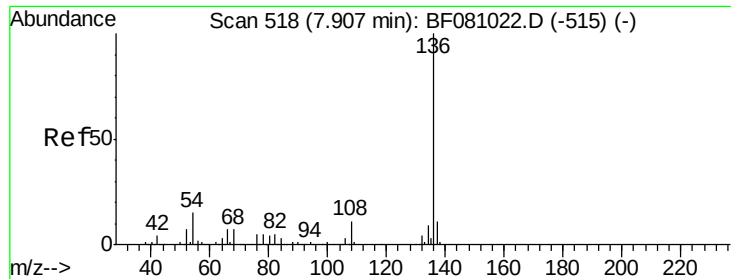
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		121315		
42	77.1	65.0	97.4		
101	8.0	7.4	11.2		
130	15.2	13.0	19.4		



#20
3+4-Methylphenols
Concen: 35.85 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		167457		
108	97.3	66.1	106.1		
77	38.0	139.3	179.3#		
79	35.4	11.9	51.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF081150.D

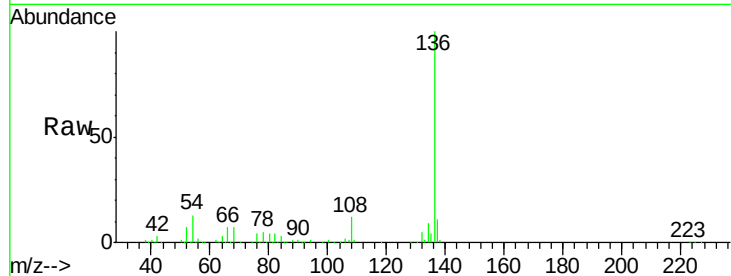
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1AMS



Tgt Ion:136 Resp: 233089

Ion Ratio Lower Upper

136 100

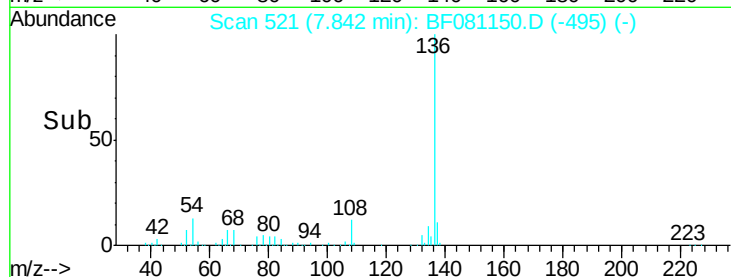
137 10.9 8.2 12.2

54 13.1 7.7 11.5

68 6.6 3.4 5.2

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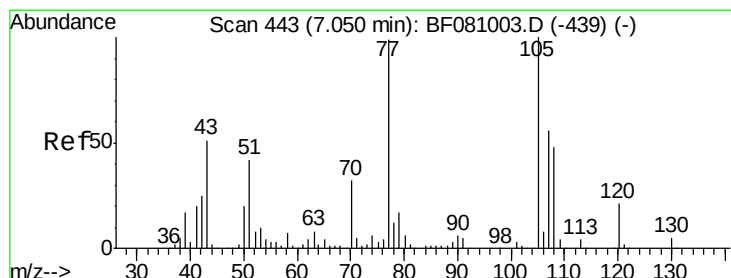
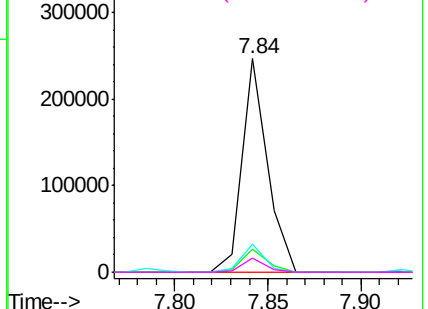


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.93 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:105 Resp: 225974

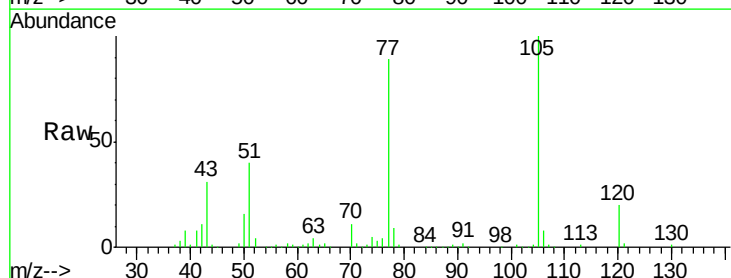
Ion Ratio Lower Upper

105 100

71 2.0 3.0 4.6

51 39.9 39.8 59.8

120 19.7 15.8 23.8

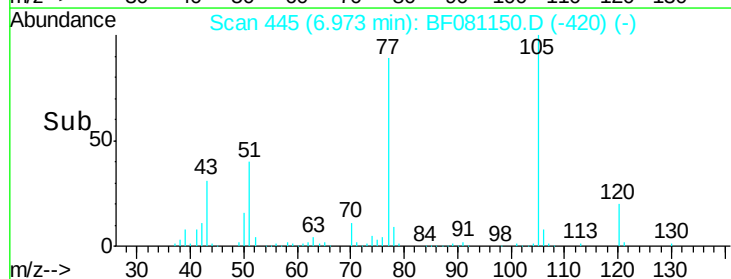
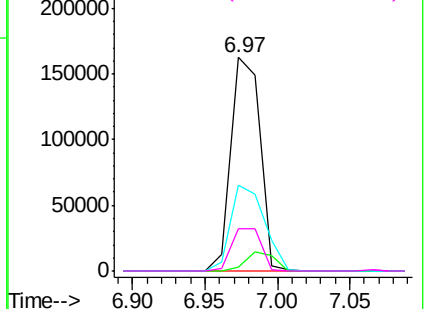


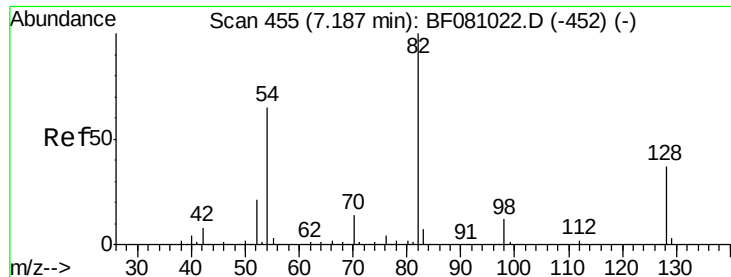
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.72 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

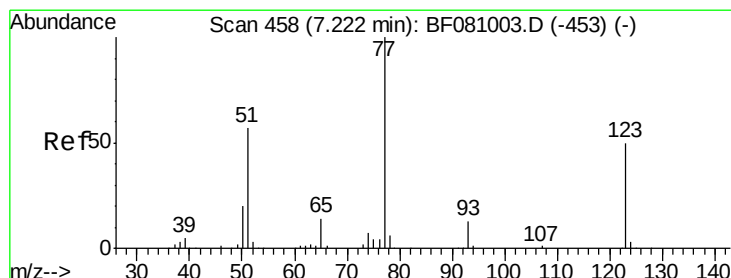
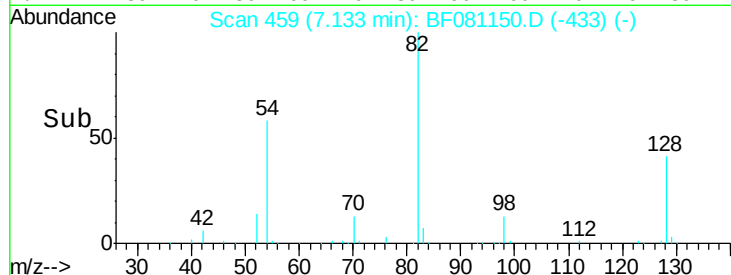
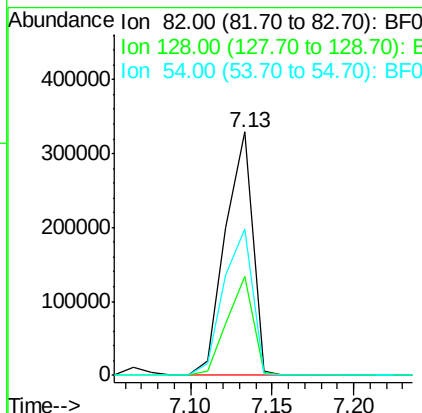
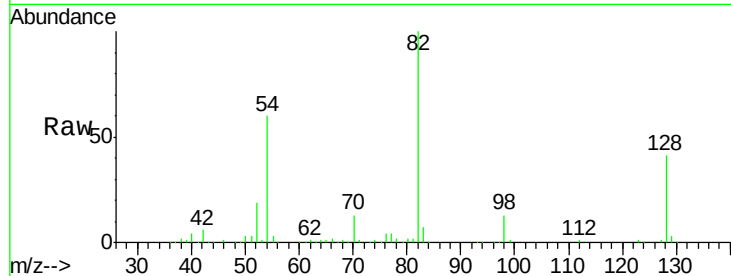
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion	82	Resp	381252
Ion Ratio	100	Lower	Upper
128	40.8	28.6	42.8
54	60.1	55.1	82.7

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#24

Nitrobenzene

Concen: 30.65 ng

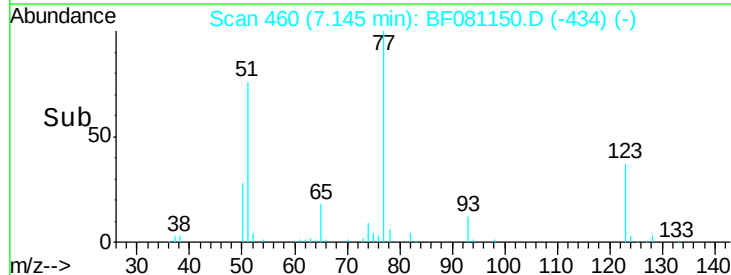
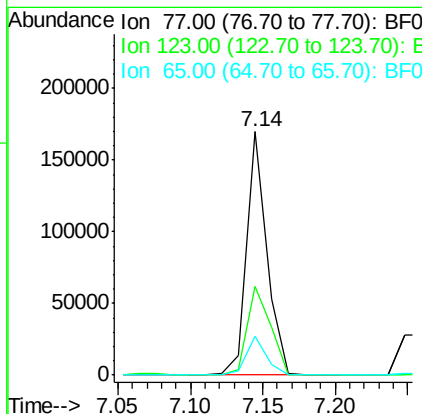
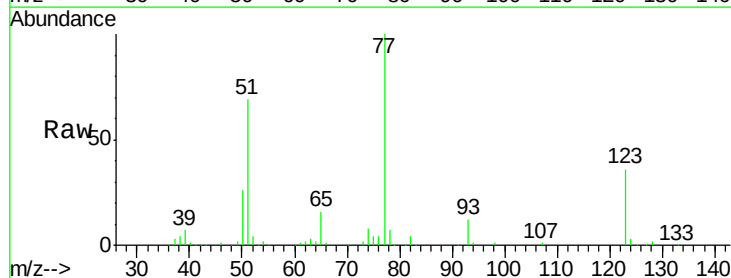
RT: 7.14 min Scan# 460

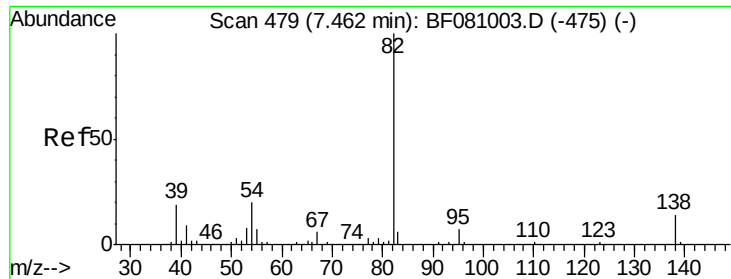
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion	77	Resp	163504
Ion Ratio	100	Lower	Upper
123	36.4	32.9	49.3
65	16.0	12.5	18.7





#25

Isophorone

Concen: 34.98 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF081150.D

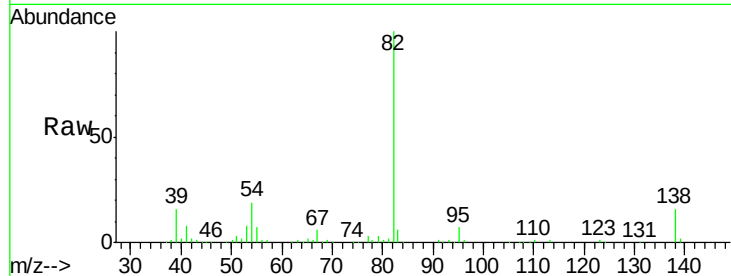
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

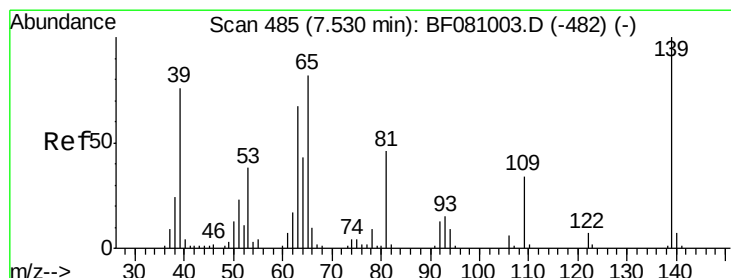
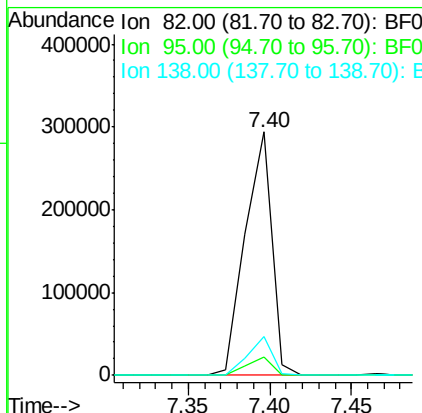
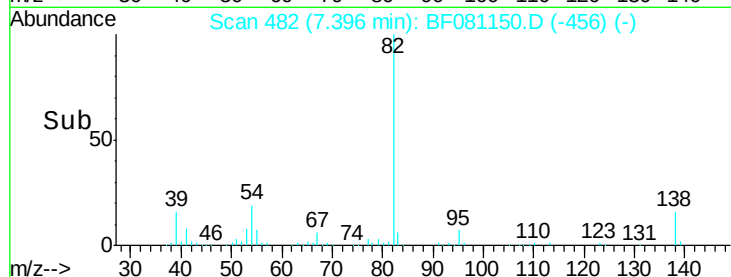
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	82	Resp:	332842
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	16.1	10.5	15.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.20 ng

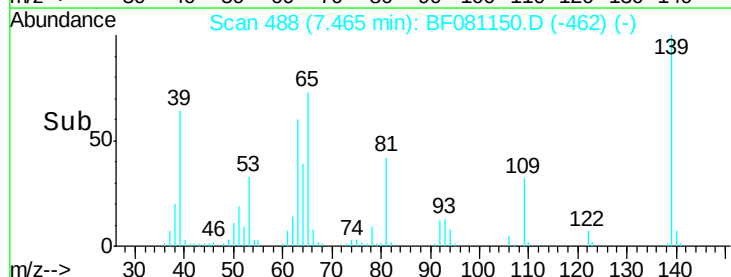
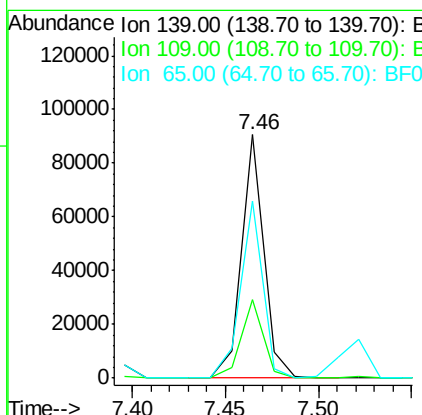
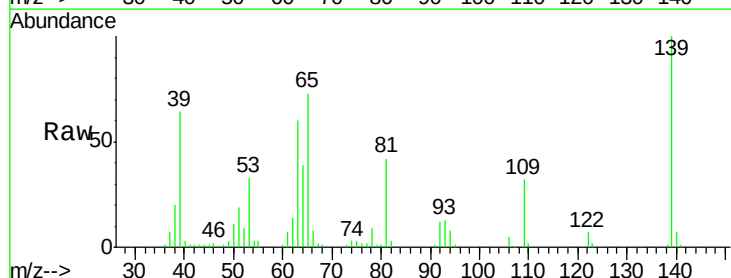
RT: 7.46 min Scan# 488

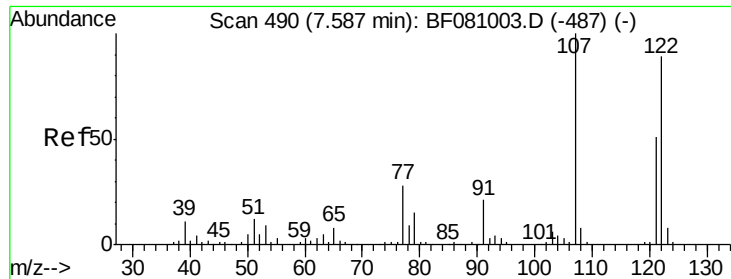
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	139	Resp:	75889
Ion Ratio	Lower	Upper	
139	100		
109	32.0	32.1	48.1#
65	72.6	69.9	104.9





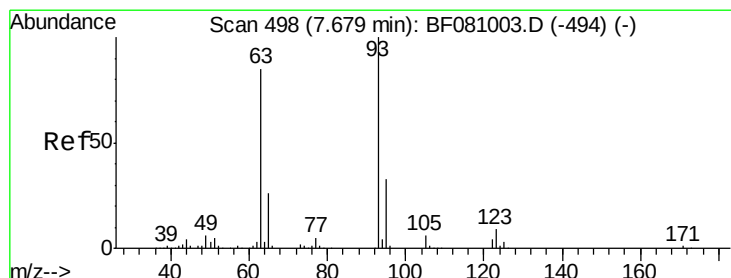
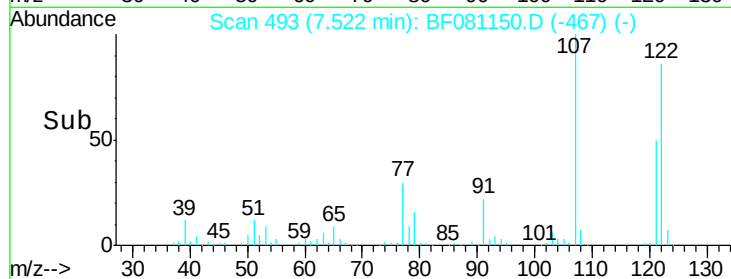
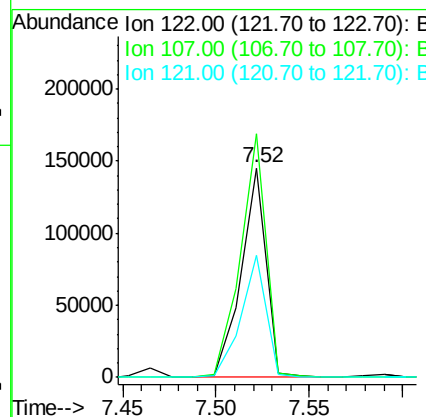
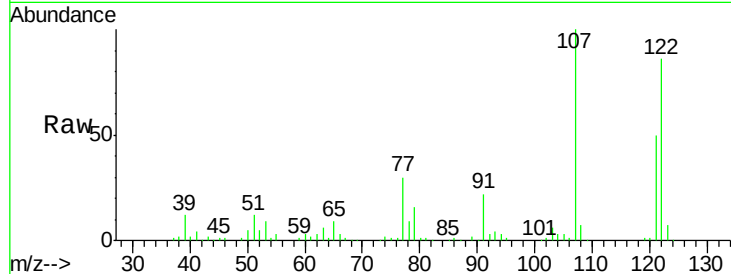
#27
 2,4-Dimethylphenol
 Concen: 34.78 ng
 RT: 7.52 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	136525		
107	116.3	103.8	155.6	
121	58.4	47.0	70.4	

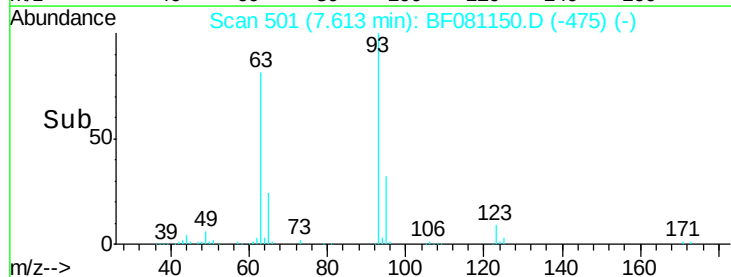
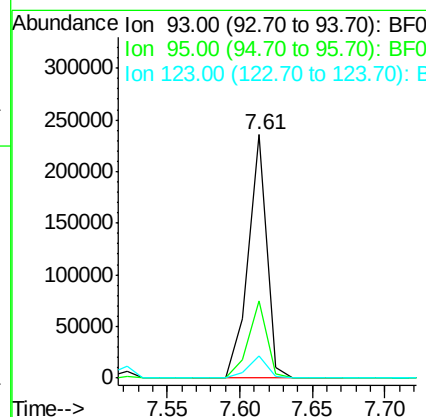
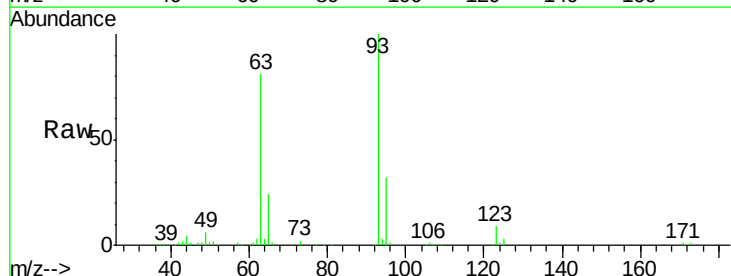
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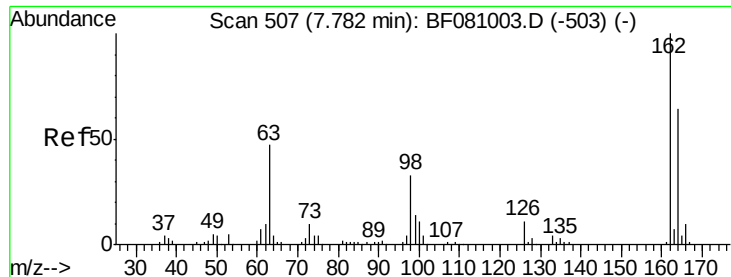
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.21 ng
 RT: 7.61 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209151		
95	31.8	25.8	38.8	
123	9.3	7.4	11.0	





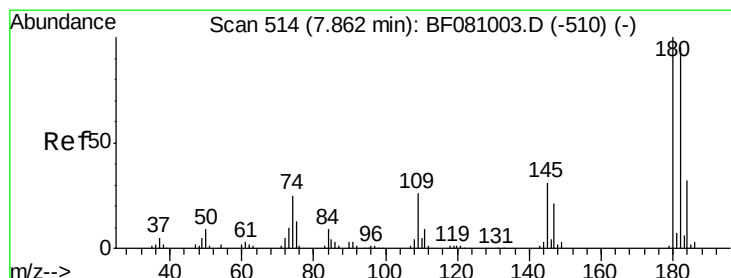
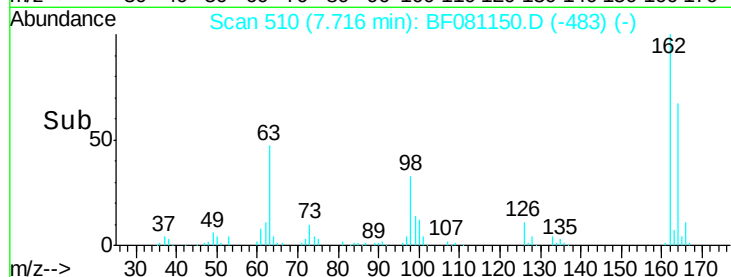
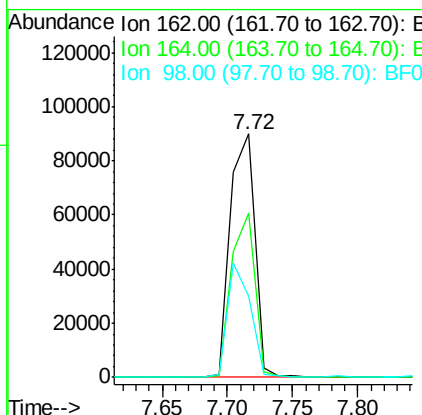
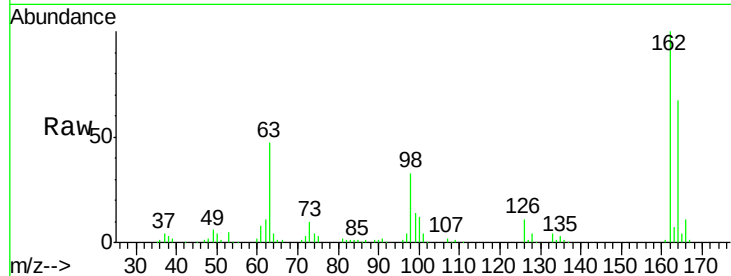
#29
 2,4-Dichlorophenol
 Concen: 35.73 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.4	43.2	83.2
98	33.5	12.3	52.3

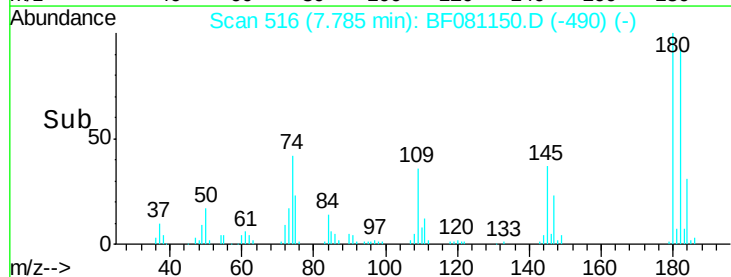
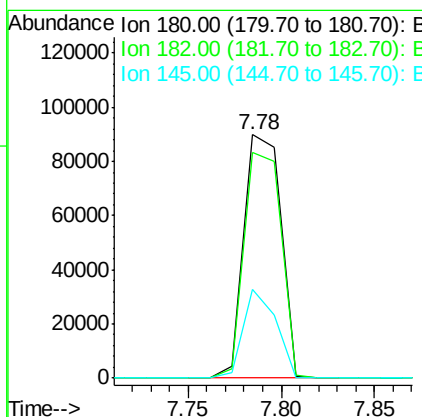
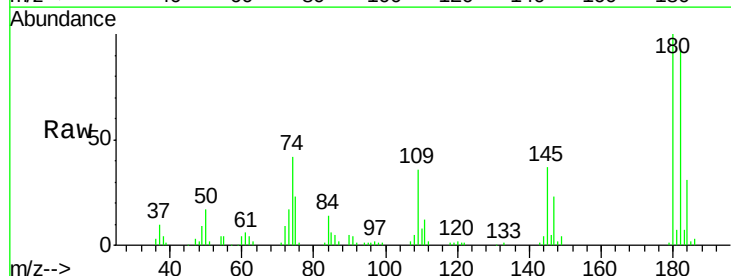
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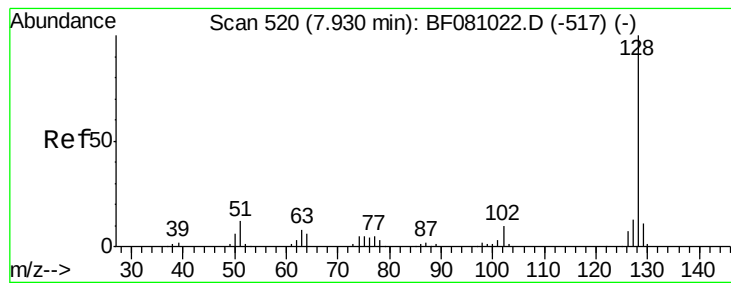
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.70 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	76.4	114.6
145	36.5	25.4	38.2





#31

Naphthalene

Concen: 32.18 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF081150.D

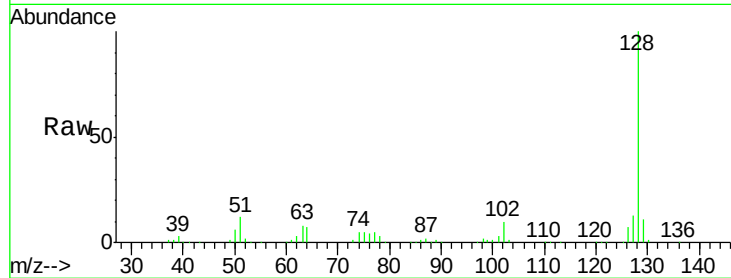
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

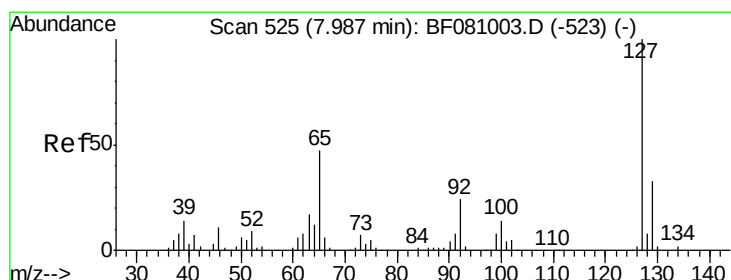
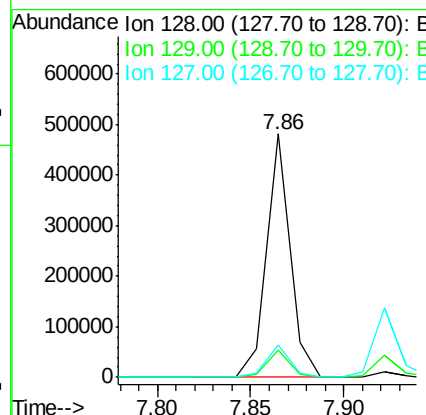
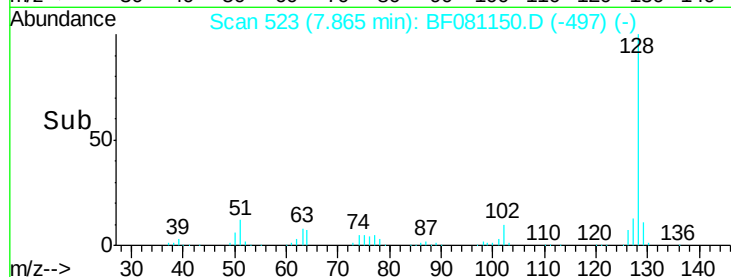
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	128	Resp:	418144
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.4	12.6
127	13.2	10.6	16.0

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#33

4-Chloroaniline

Concen: 22.83 ng

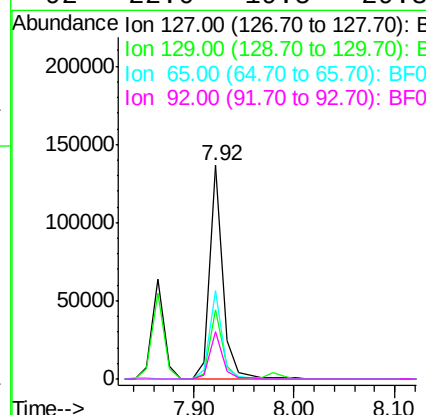
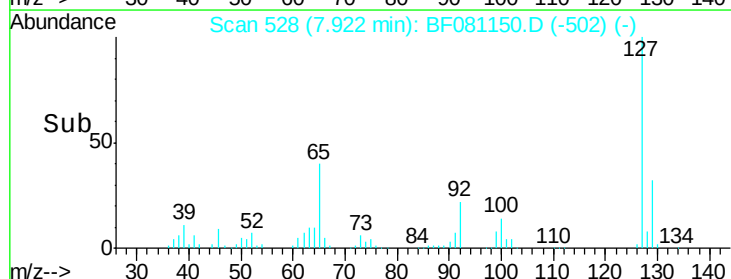
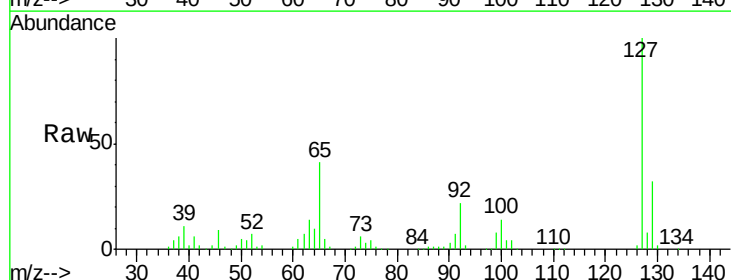
RT: 7.92 min Scan# 528

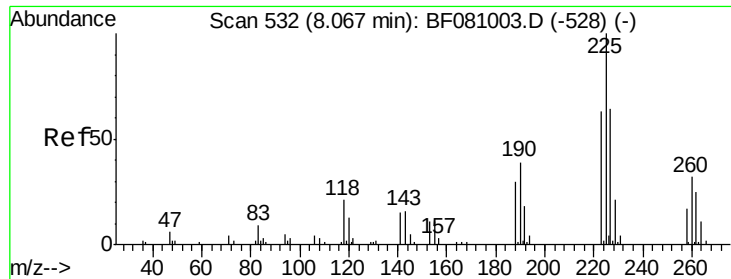
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	127	Resp:	125149
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.2	37.8
65	41.4	37.8	56.6
92	22.0	19.5	29.3





#34

Hexachlorobutadiene

Concen: 33.93 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081150.D

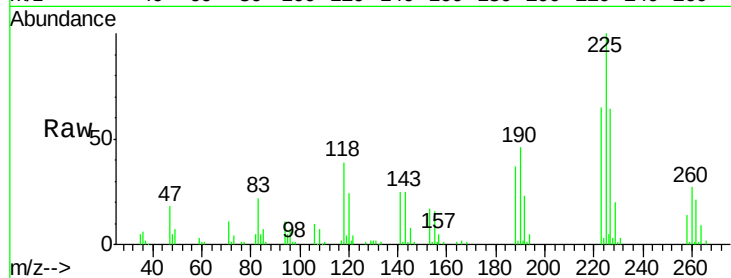
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

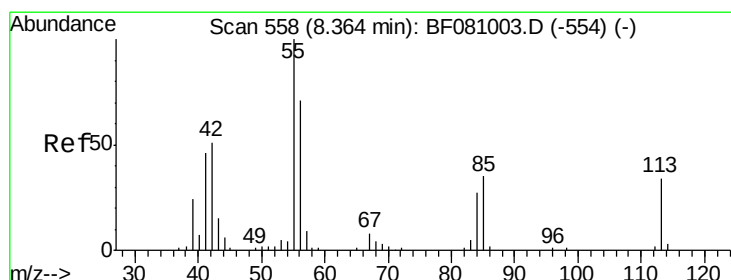
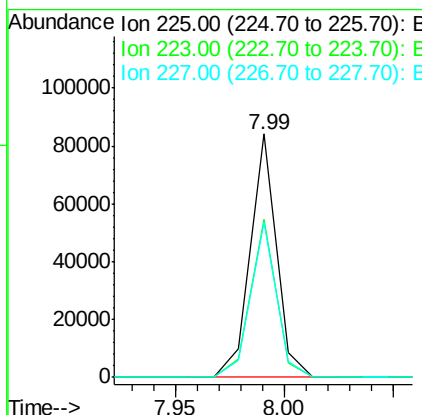
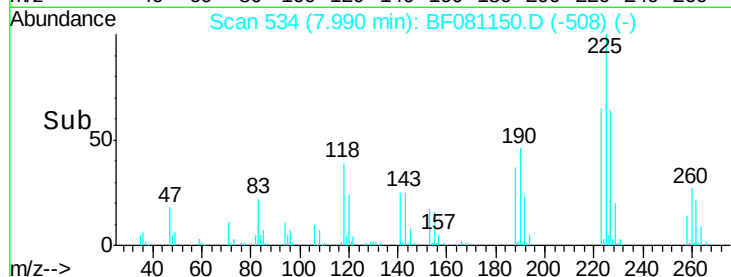
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	225	Resp:	70471
Ion Ratio	Lower	Upper	
225	100		
223	64.7	52.6	79.0
227	63.6	51.1	76.7

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#35

Caprolactam

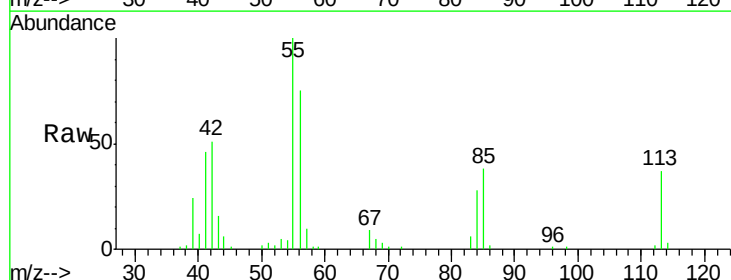
Concen: 38.15 ng m

RT: 8.29 min Scan# 560

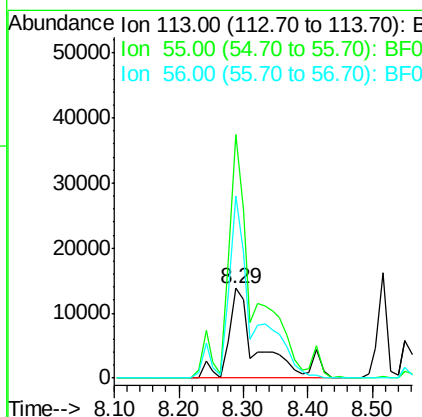
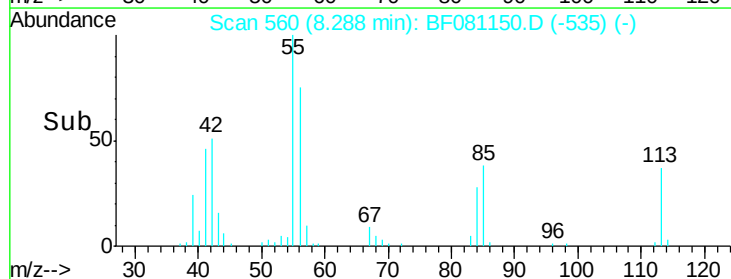
Delta R.T. -0.01 min

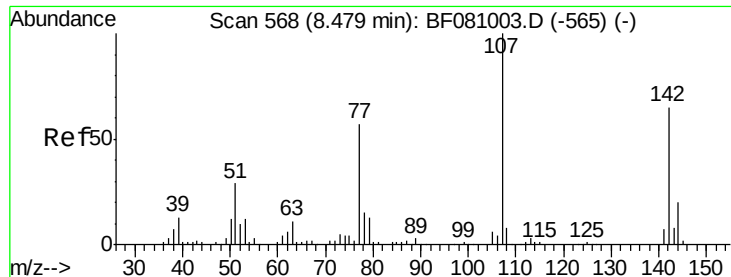
Lab File: BF081150.D

Acq: 21 Aug 2015 17:39



Tgt Ion:	113	Resp:	44063
Ion Ratio	Lower	Upper	
113	100		
55	271.0	280.4	320.4#
56	202.2	205.9	245.9#





#36

4-Chloro-3-methylphenol

Concen: 34.95 ng

RT: 8.41 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081150.D

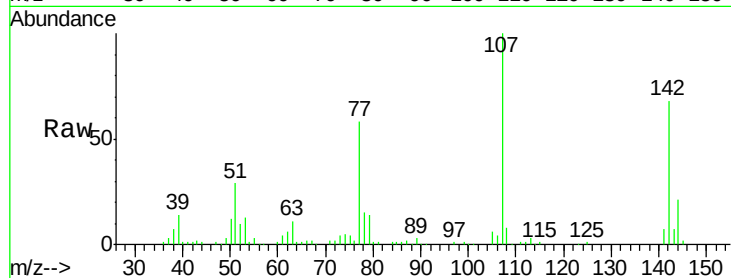
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

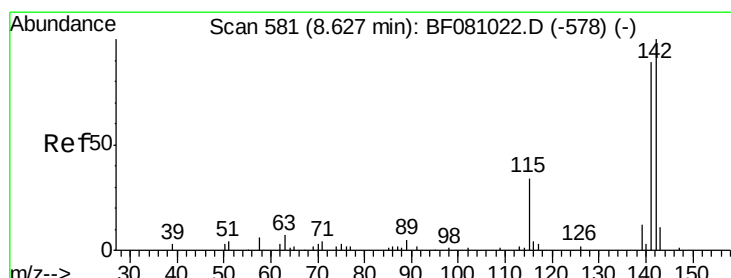
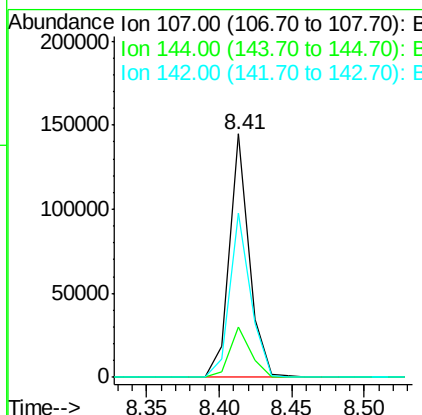
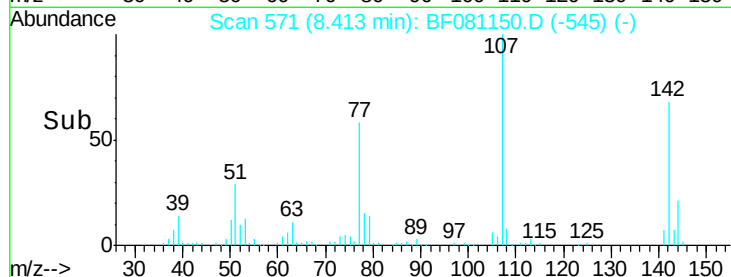
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	107	Resp:	137653
Ion Ratio	Lower	Upper	
107	100		
144	20.6	17.2	25.8
142	67.6	54.9	82.3

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#37

2-Methylnaphthalene

Concen: 33.88 ng

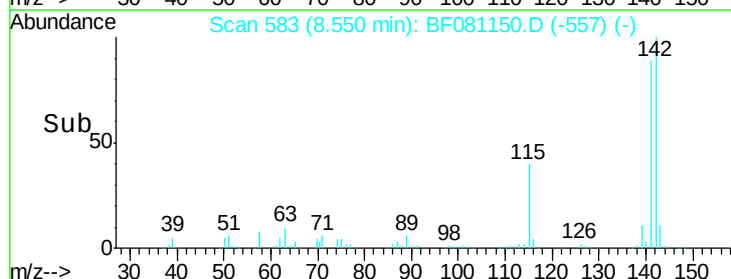
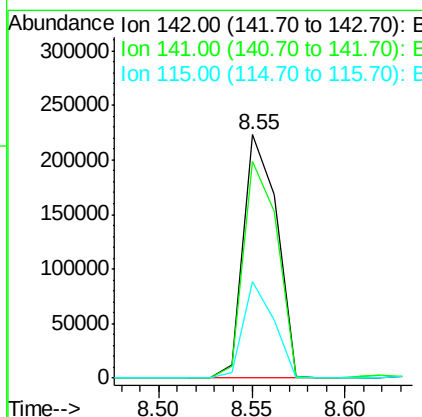
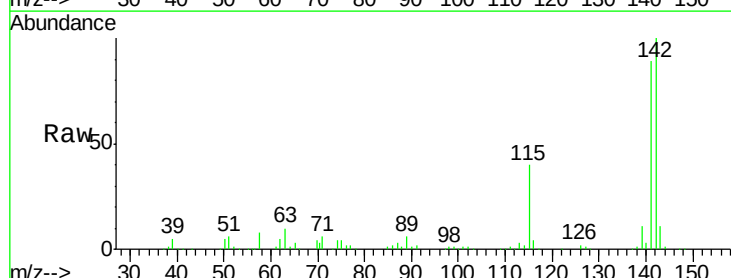
RT: 8.55 min Scan# 583

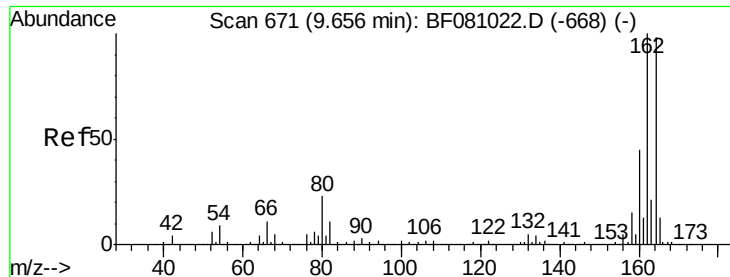
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	142	Resp:	278056
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.4	107.2
115	39.8	33.4	50.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081150.D

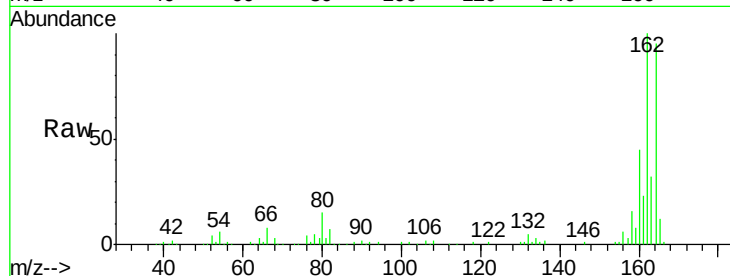
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

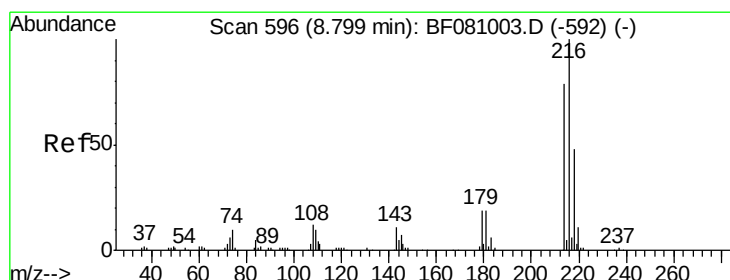
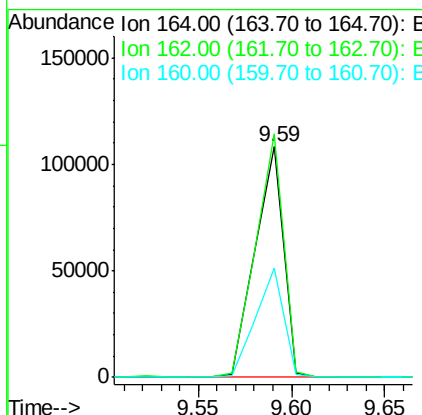
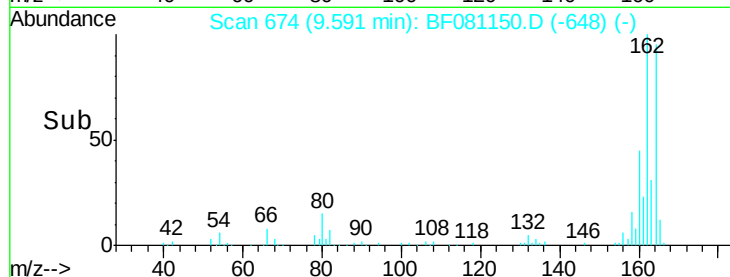
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	164	Resp:	113352
Ion Ratio	Lower	Upper	
164	100		
162	105.5	83.8	125.8
160	47.1	39.8	59.8

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.01 ng

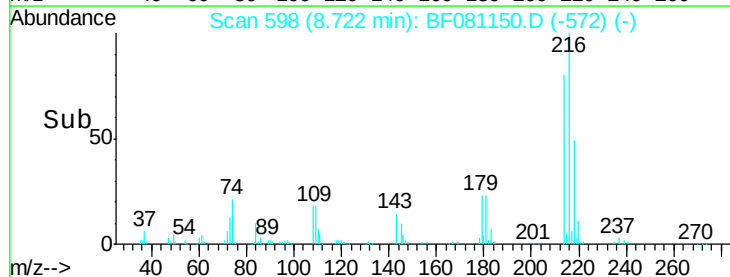
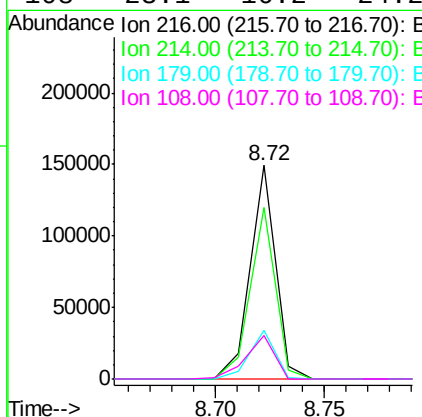
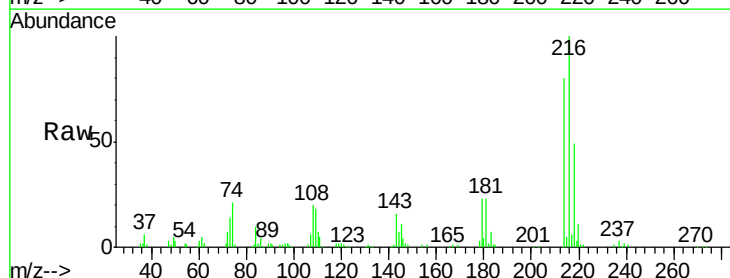
RT: 8.72 min Scan# 598

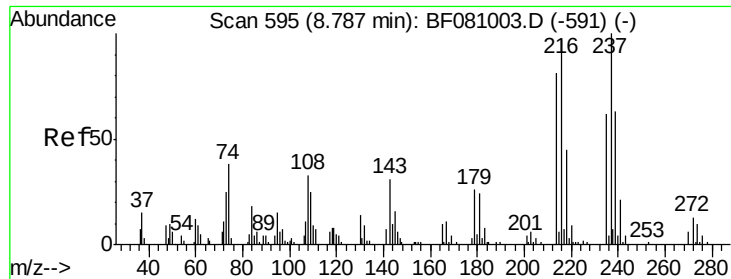
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	216	Resp:	120725
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.8	95.8
179	23.1	17.8	26.8
108	23.1	16.2	24.2





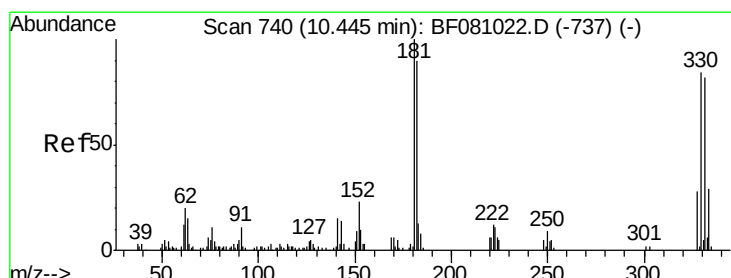
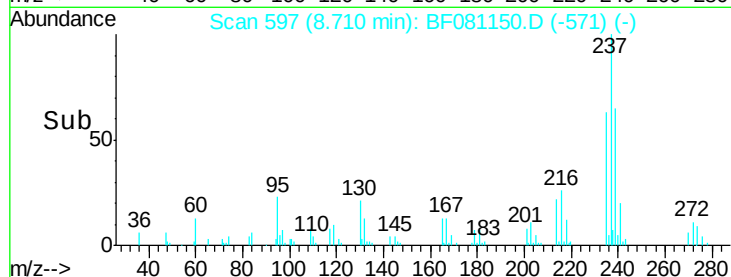
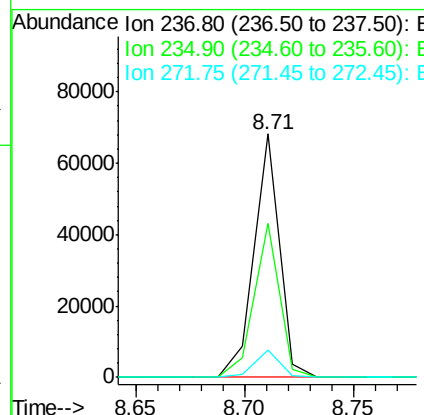
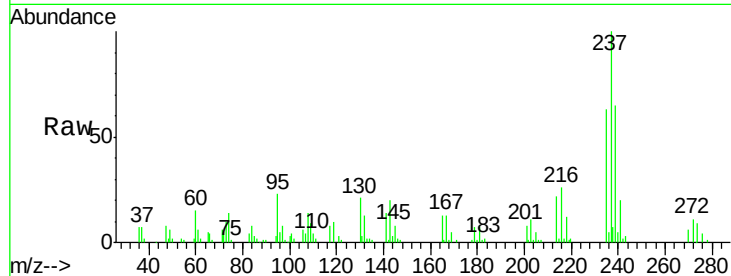
#40
Hexachlorocyclopentadiene
Concen: 29.21 ng
RT: 8.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	55285		
235	63.2	43.6	83.6	
272	11.3	0.0	32.2	

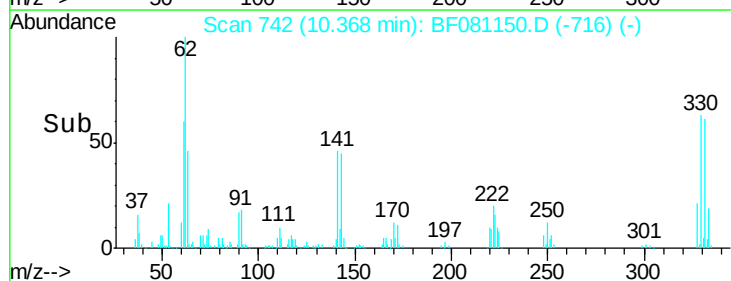
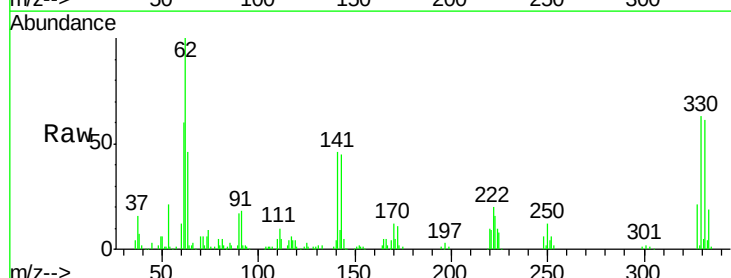
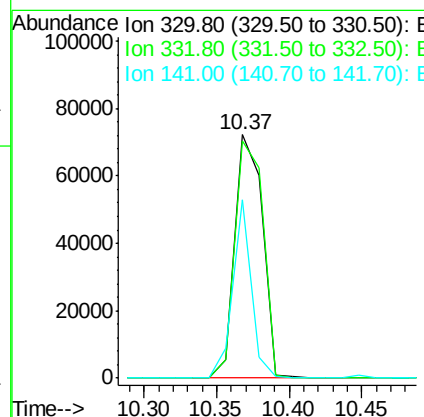
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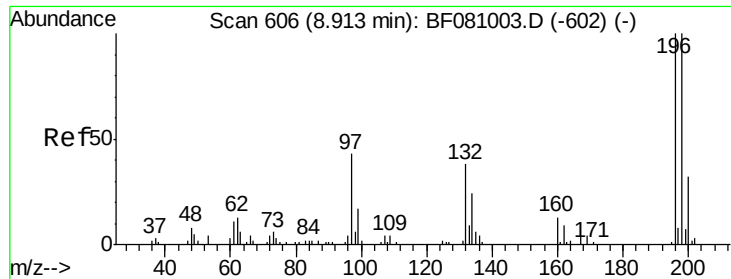
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#41
2,4,6-Tribromophenol
Concen: 97.46 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	95765		
332	99.8	77.3	115.9	
141	49.0	44.9	67.3	





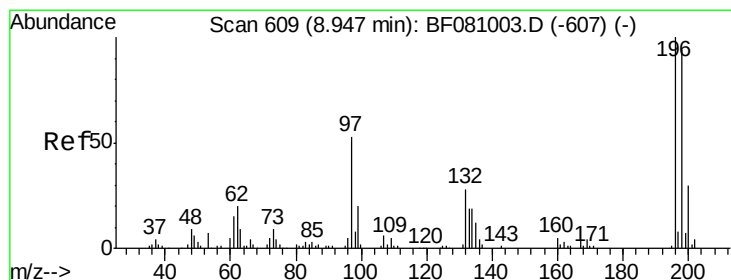
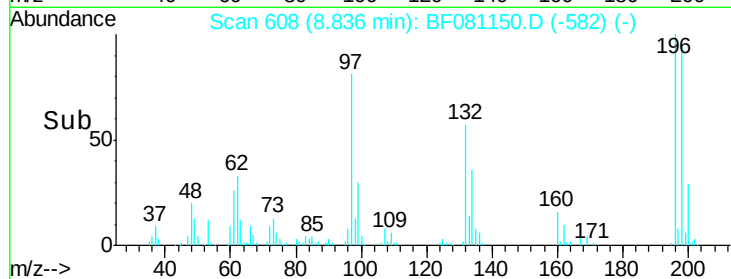
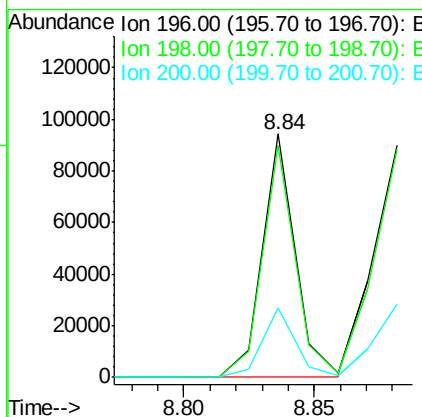
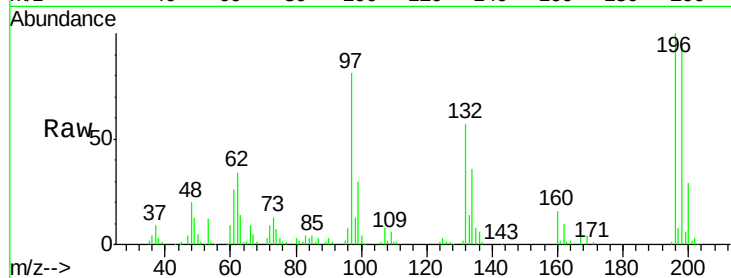
#42
 2,4,6-Trichlorophenol
 Concen: 31.85 ng
 RT: 8.84 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82301		
198	95.4	74.6	111.8	
200	28.7	22.7	34.1	

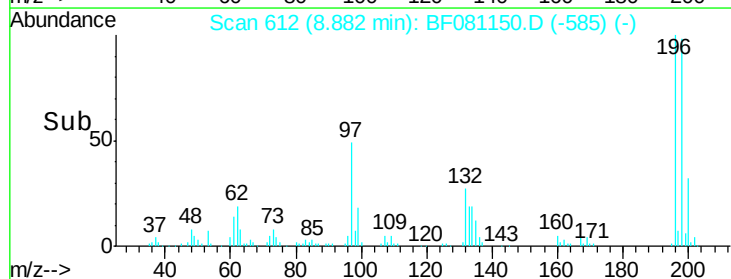
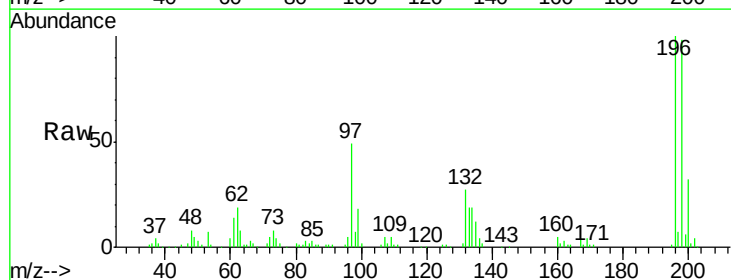
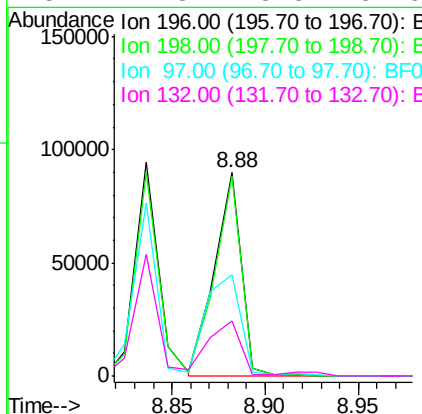
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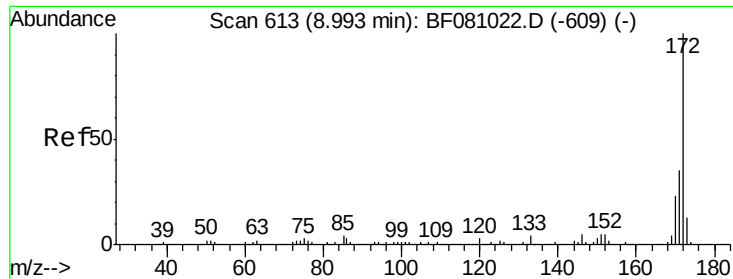
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#43
 2,4,5-Trichlorophenol
 Concen: 35.13 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90712		
198	98.4	78.3	117.5	
97	49.5	42.7	64.1	
132	27.3	23.3	34.9	





#44

2-Fluorobiphenyl

Concen: 63.78 ng

RT: 8.93 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF081150.D

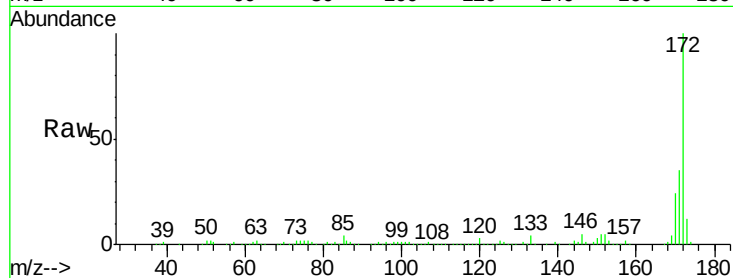
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

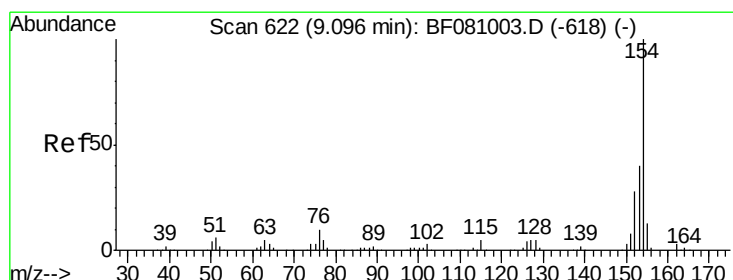
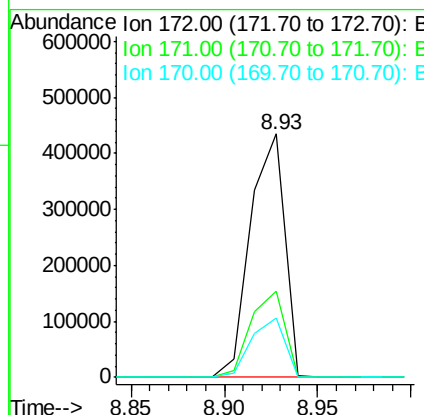
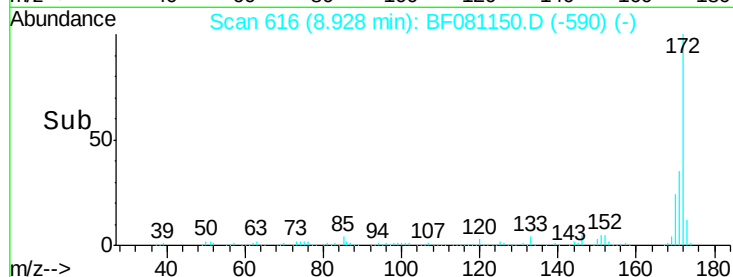
VITALE-FILL-SOURCE-1AMS



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	551756		
171	35.4	28.9	43.3	
170	24.3	19.4	29.2	

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#45

1,1'-Biphenyl

Concen: 35.58 ng

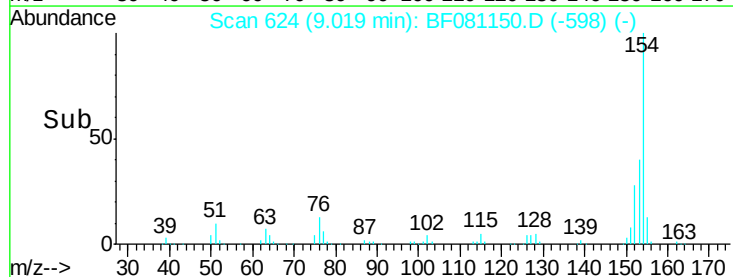
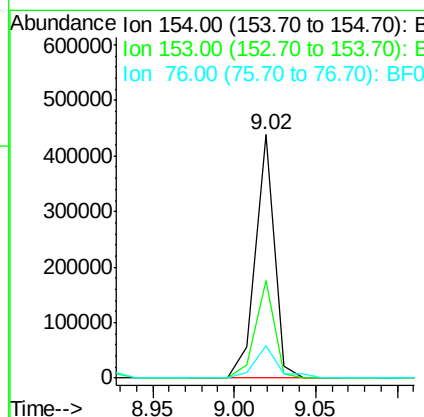
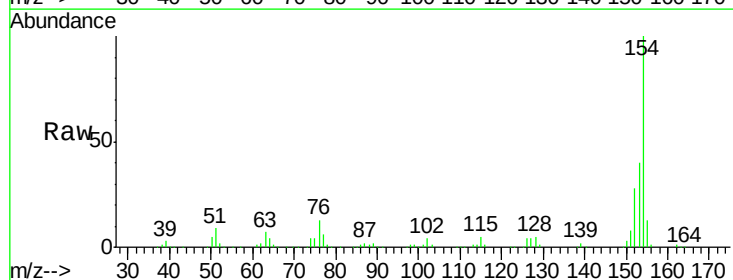
RT: 9.02 min Scan# 624

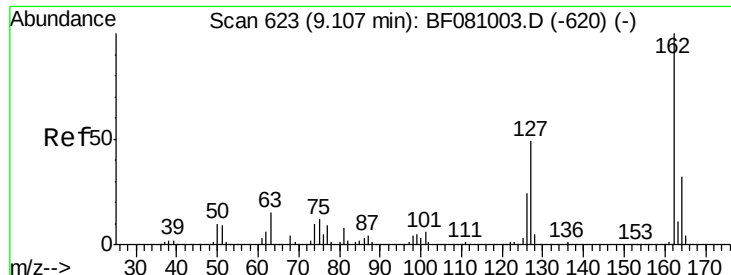
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	355199		
153	40.2	19.5	59.5	
76	13.3	0.0	29.3	





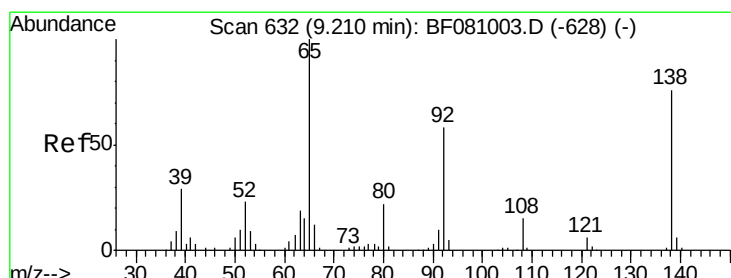
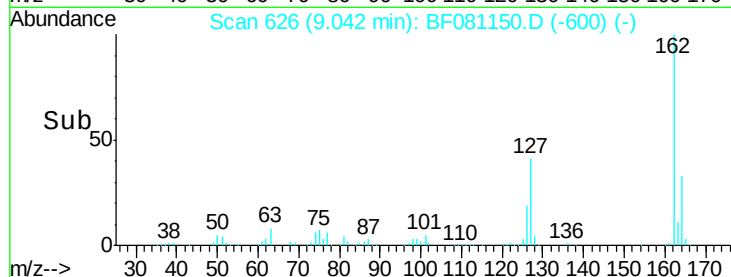
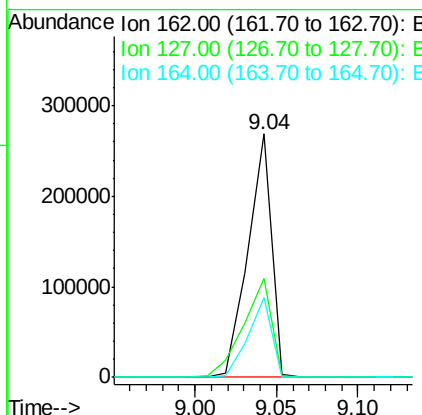
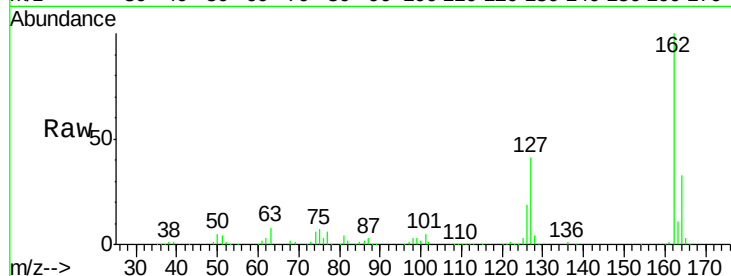
#46
2-Chloronaphthalene
Concen: 33.50 ng
RT: 9.04 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.5	31.3	46.9
164	33.0	26.3	39.5

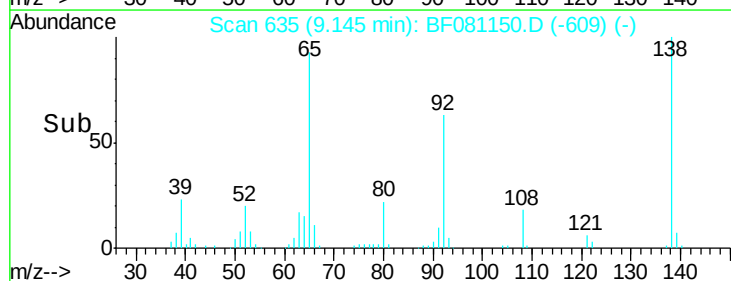
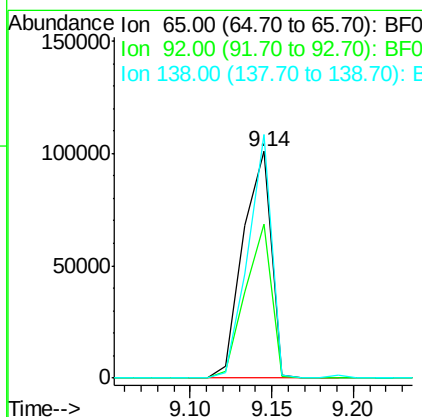
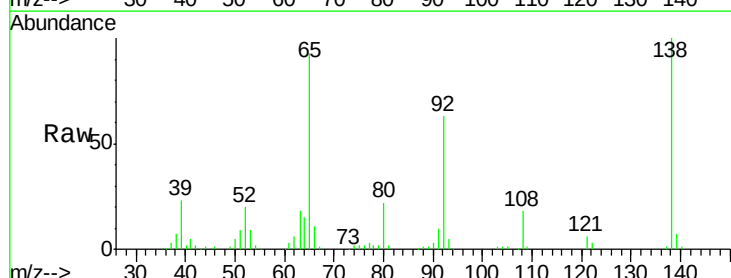
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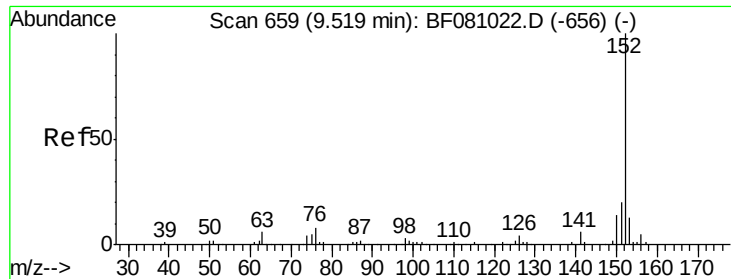
MMDadoda
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#47
2-Nitroaniline
Concen: 36.80 ng
RT: 9.14 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	67.9	45.6	68.4
138	107.4	57.9	86.9#





#48

Acenaphthylene

Concen: 31.15 ng

RT: 9.45 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF081150.D

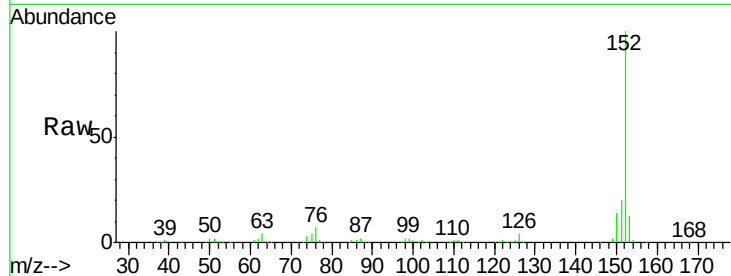
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

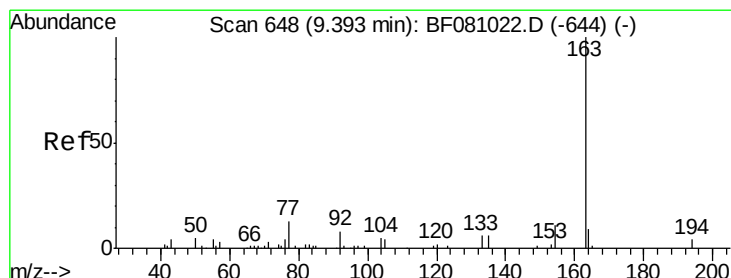
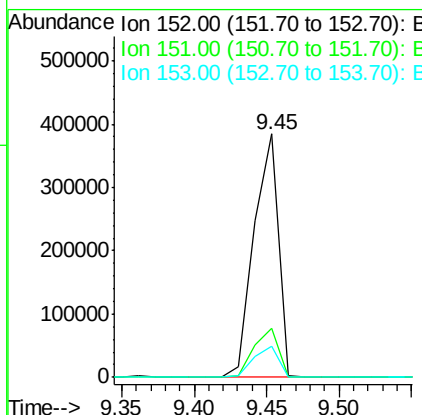
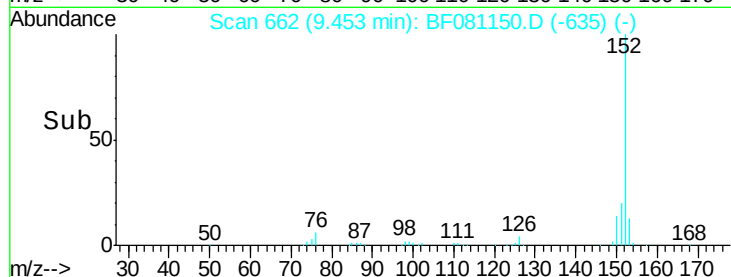
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	152	Resp:	446920
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	12.6	9.8	14.6

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#49

Dimethylphthalate

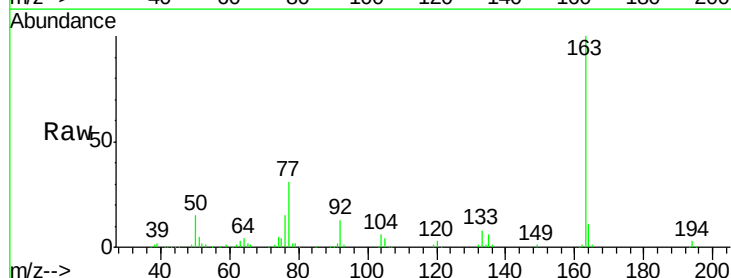
Concen: 37.79 ng

RT: 9.33 min Scan# 651

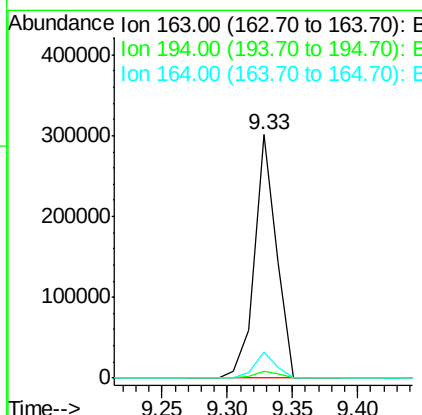
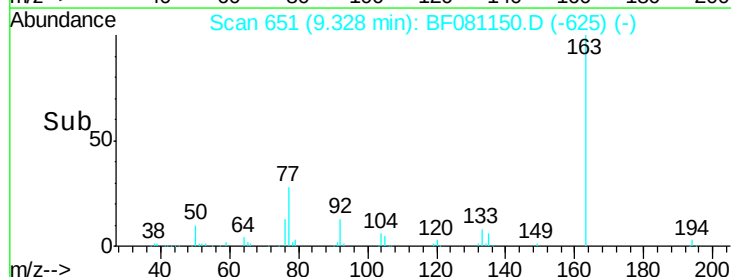
Delta R.T. 0.00 min

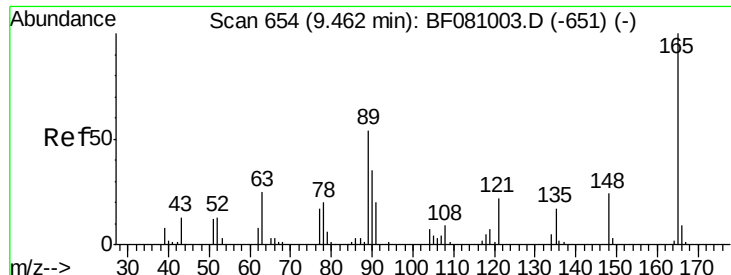
Lab File: BF081150.D

Acq: 21 Aug 2015 17:39



Tgt Ion:	163	Resp:	352750
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.5	3.7
164	10.5	8.1	12.1





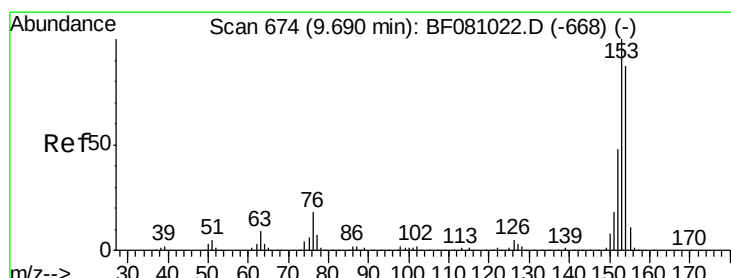
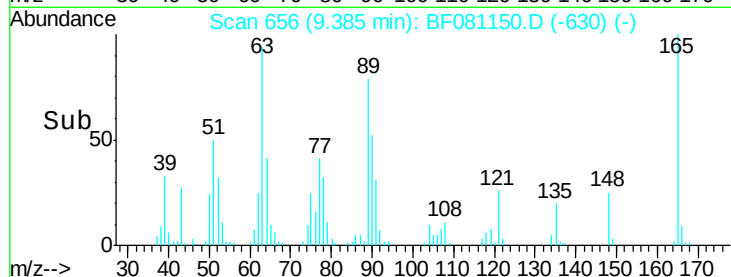
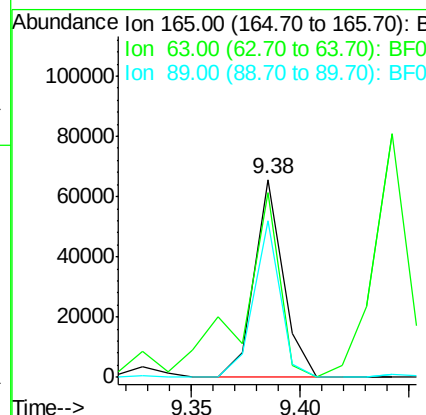
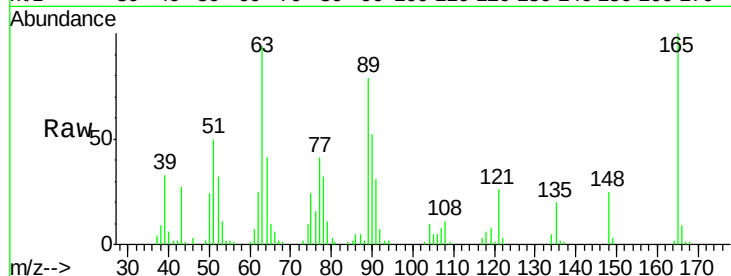
#50
 2,6-Dinitrotoluene
 Concen: 30.38 ng
 RT: 9.38 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	93.5	49.5	74.3#
89	79.2	47.6	71.4#

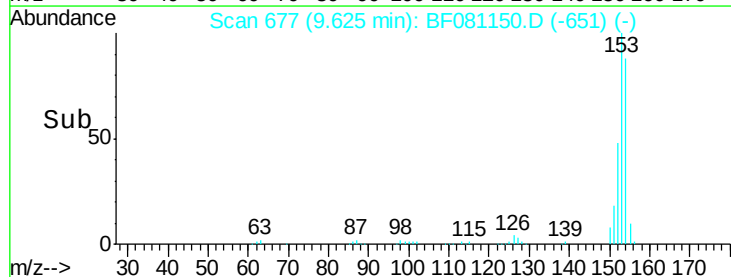
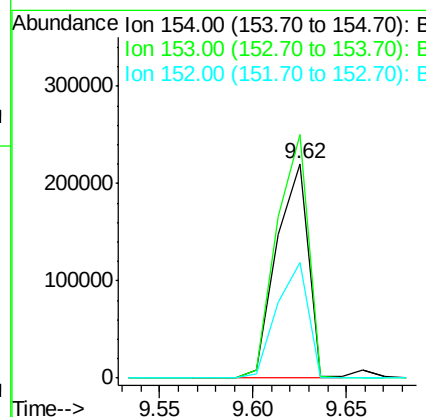
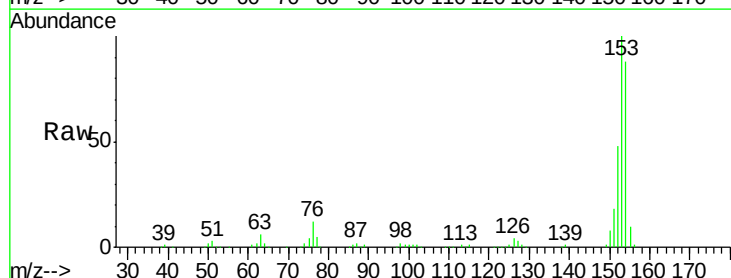
Manual Integrations
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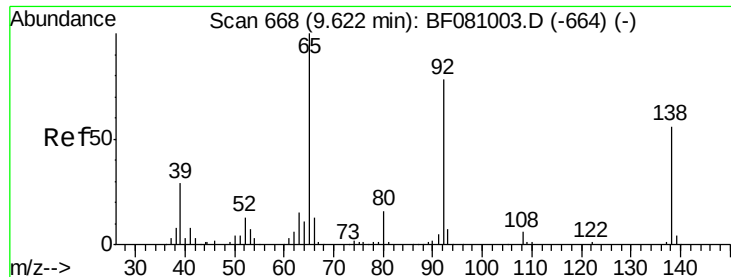
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#51
 Acenaphthene
 Concen: 30.30 ng
 RT: 9.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.6	91.4	137.2
152	54.1	43.7	65.5





#52

3-Nitroaniline

Concen: 23.99 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF081150.D

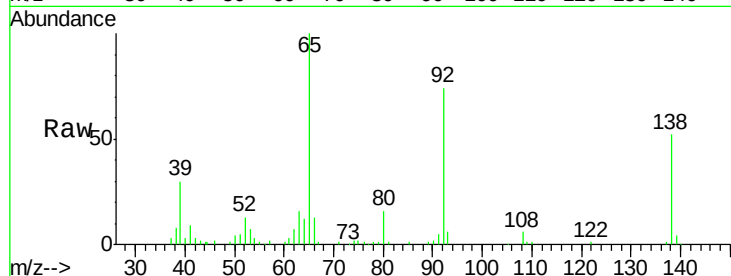
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

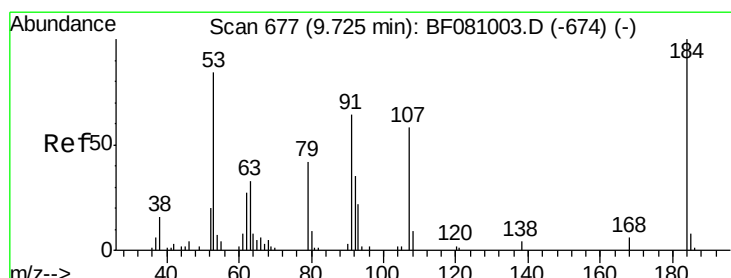
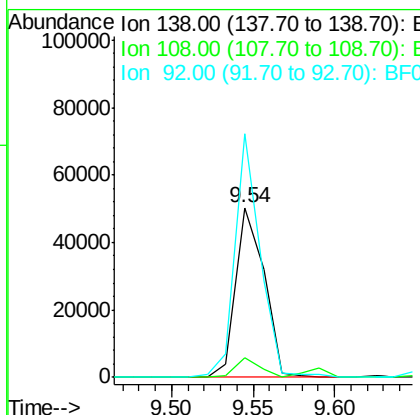
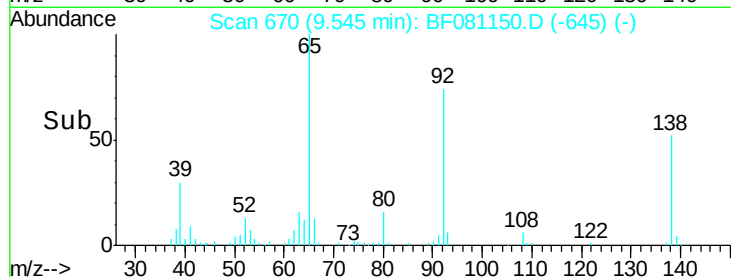
VITALE-FILL-SOURCE-1AMS



Tgt Ion:	138	Resp:	60180
Ion Ratio	Lower	Upper	
138	100		
108	11.8	9.4	14.2
92	143.3	113.2	169.8

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#53

2,4-Dinitrophenol

Concen: 15.33 ng

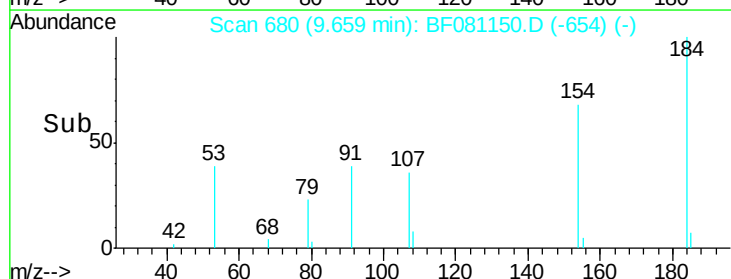
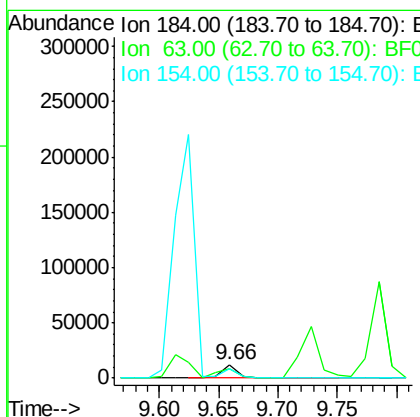
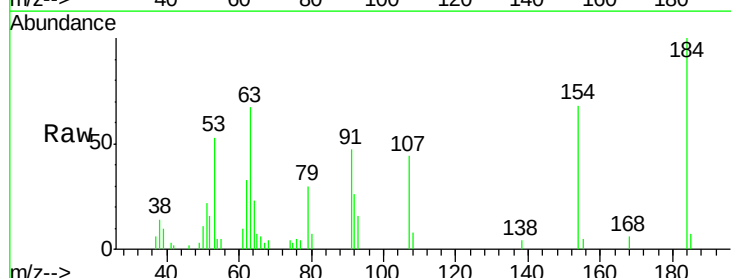
RT: 9.66 min Scan# 680

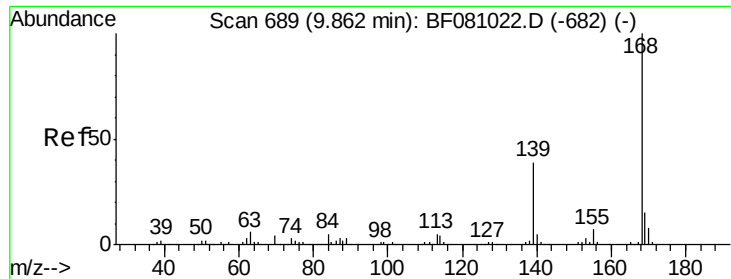
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	184	Resp:	12285
Ion Ratio	Lower	Upper	
184	100		
63	67.0	101.7	152.5#
154	68.3	67.4	101.0





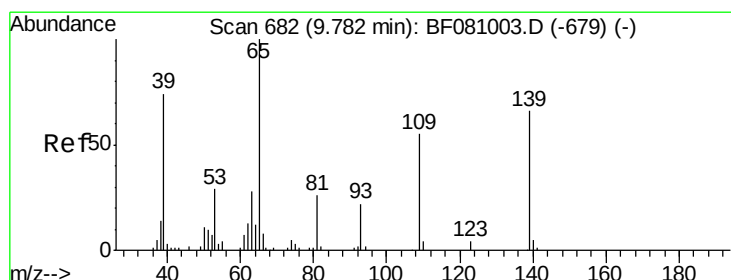
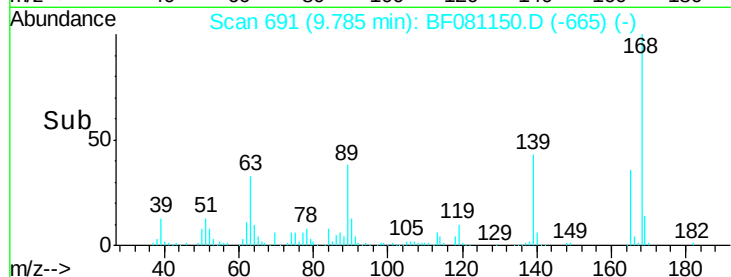
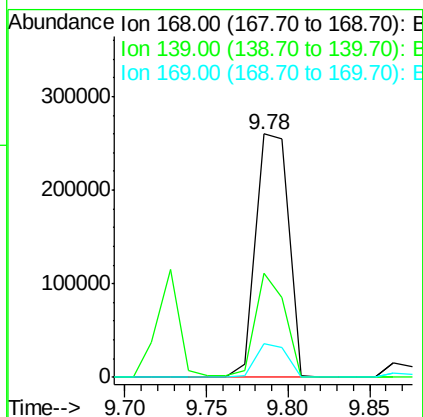
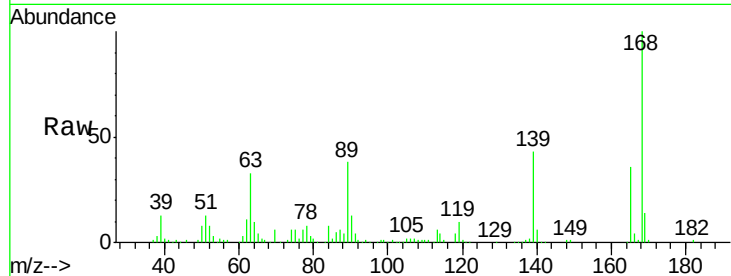
#54
Dibenzofuran
Concen: 31.72 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	365104		
139	42.8	29.3	43.9	
169	13.7	10.3	15.5	

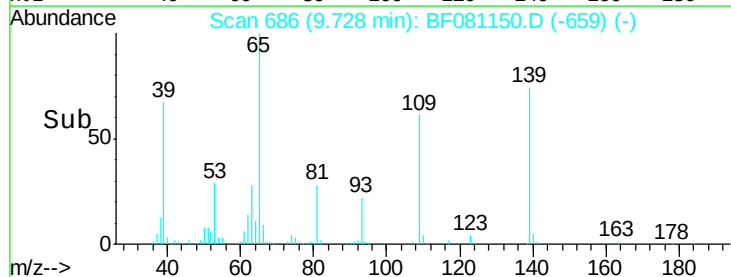
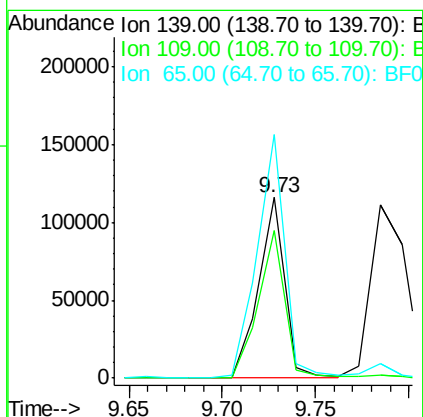
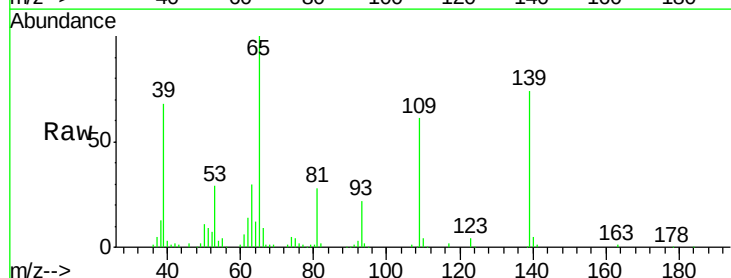
Manual Integrations
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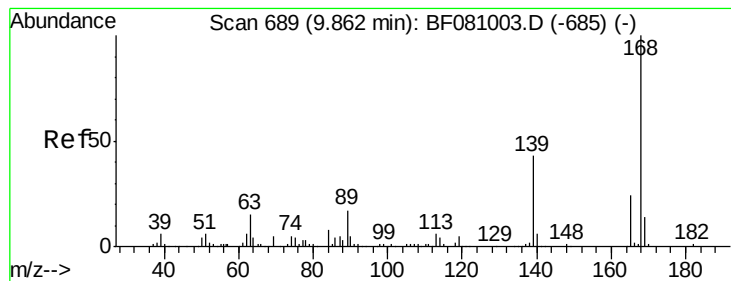
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#55
4-Nitrophenol
Concen: 64.40 ng
RT: 9.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

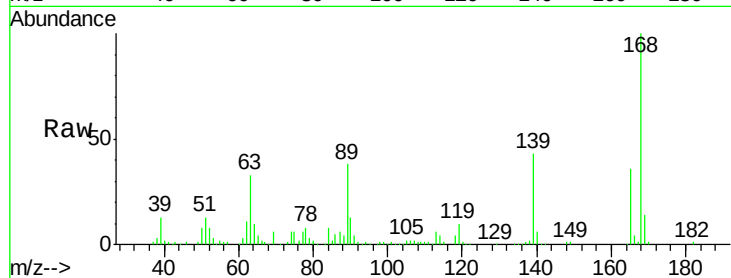
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	113449		
109	82.0	80.0	120.0	
65	134.9	138.3	178.3	





#56
 2,4-Dinitrotoluene
 Concen: 31.25 ng
 RT: 9.78 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

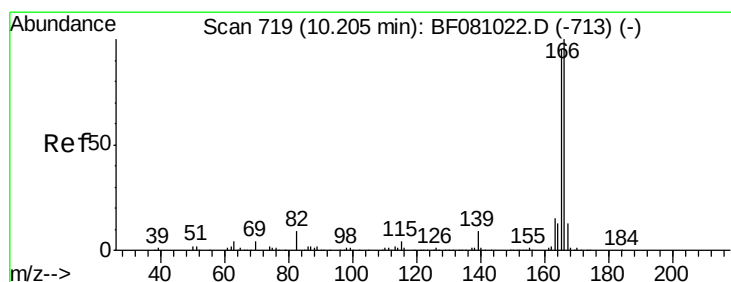
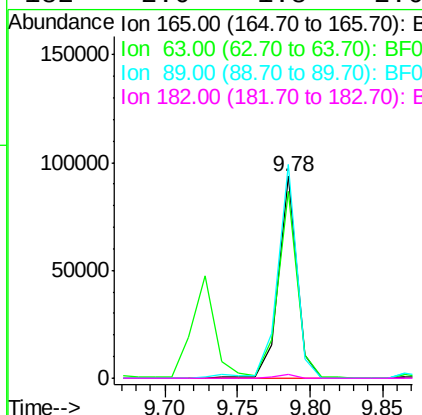
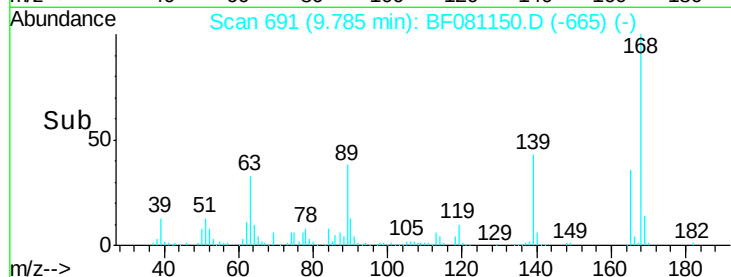
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83015		
63	92.6	52.2	78.4#	
89	105.6	60.1	90.1#	
182	2.0	1.8	2.6	

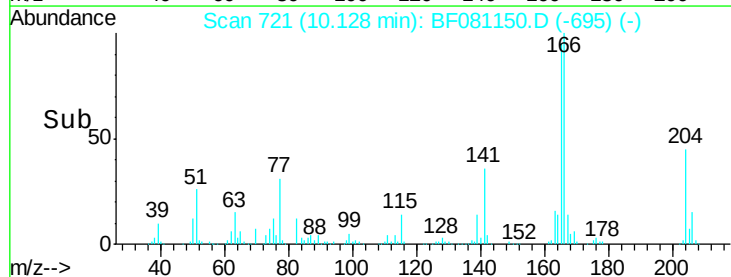
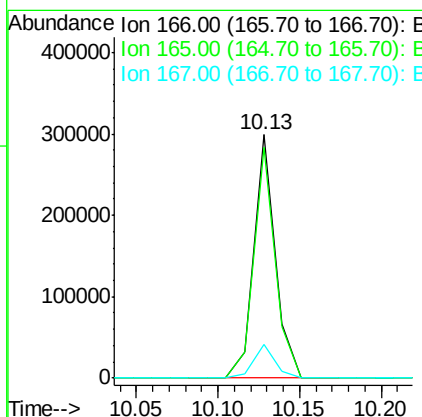
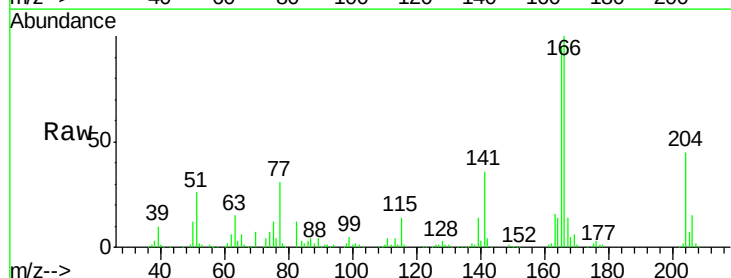
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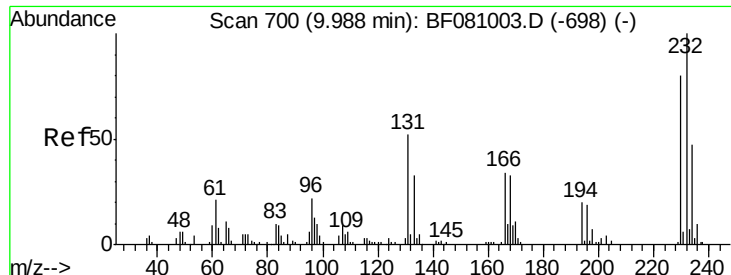
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#57
 Fluorene
 Concen: 30.96 ng
 RT: 10.13 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	274123		
165	94.7	75.8	113.8	
167	13.7	11.3	16.9	





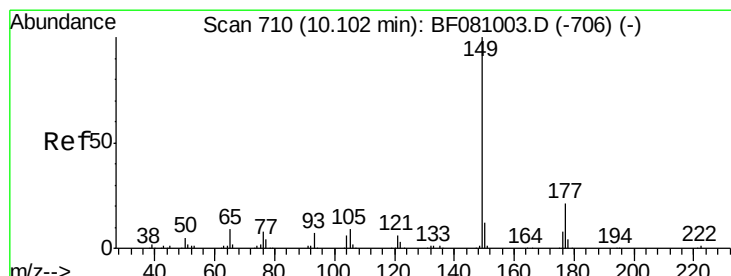
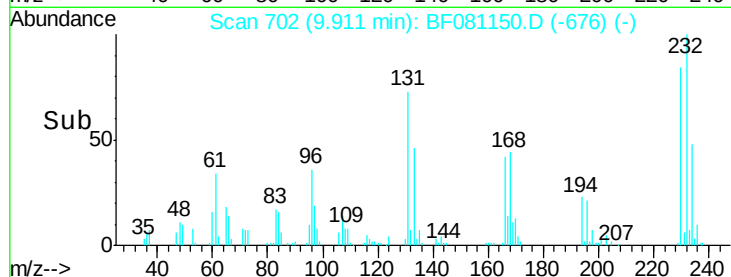
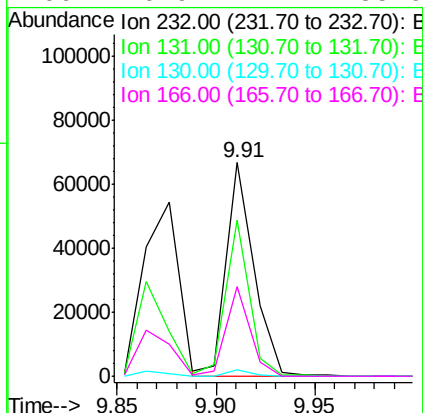
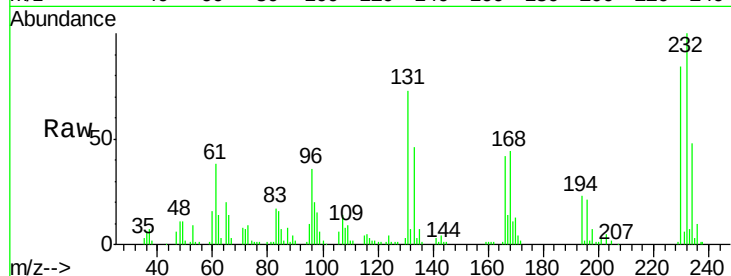
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.19 ng m
 RT: 9.91 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	64329		
131	48.6	42.2	63.4	
130	2.6	2.1	3.1	
166	26.9	22.4	33.6	

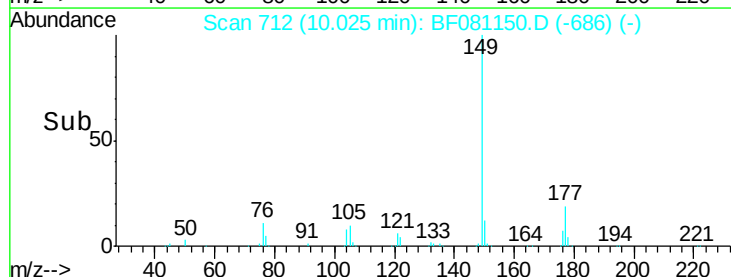
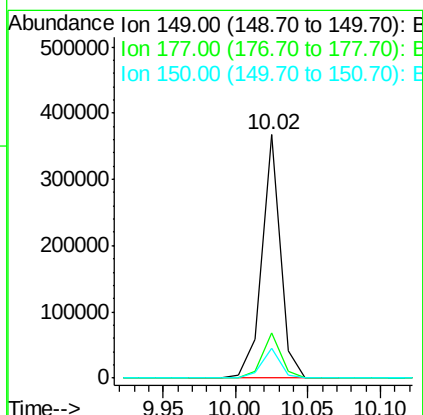
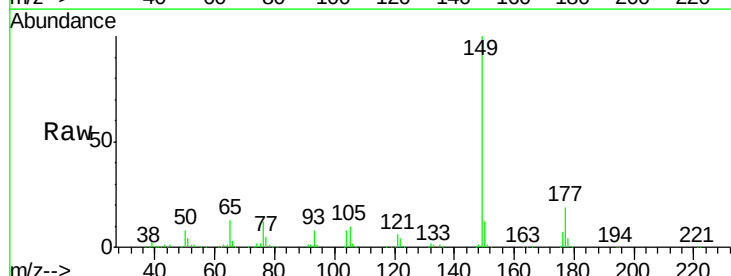
Manual Integrations
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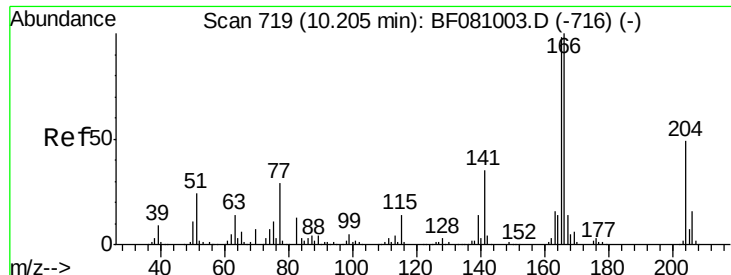
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#59
 Diethylphthalate
 Concen: 32.70 ng
 RT: 10.02 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	323104		
177	18.8	14.1	21.1	
150	12.4	10.3	15.5	





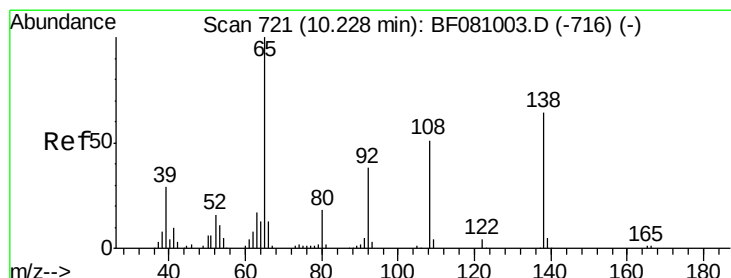
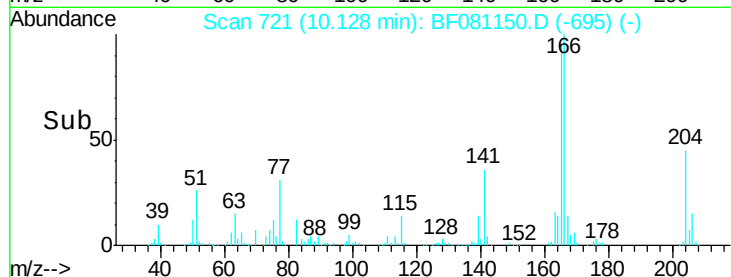
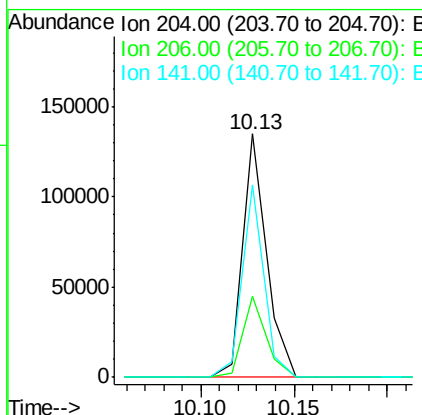
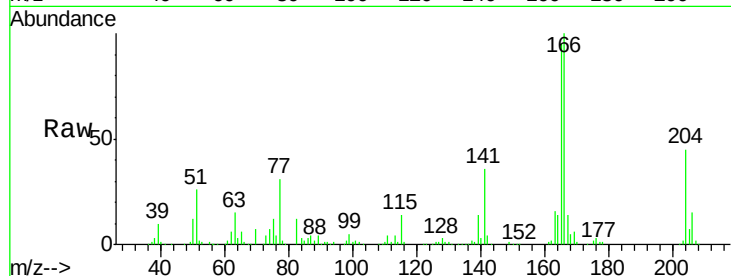
#60
 4-Chlorophenyl-phenylether
 Concen: 32.12 ng
 RT: 10.13 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	120359		
206	33.1	26.2	39.2	
141	78.9	59.6	89.4	

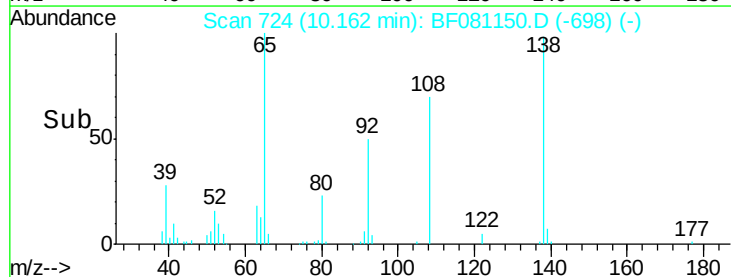
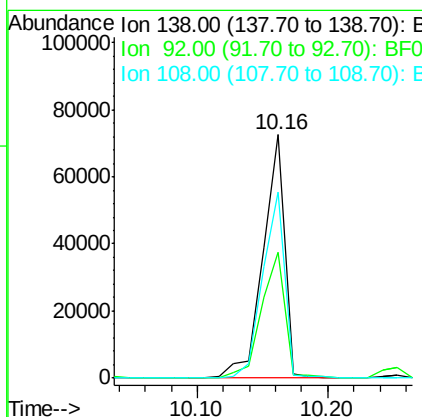
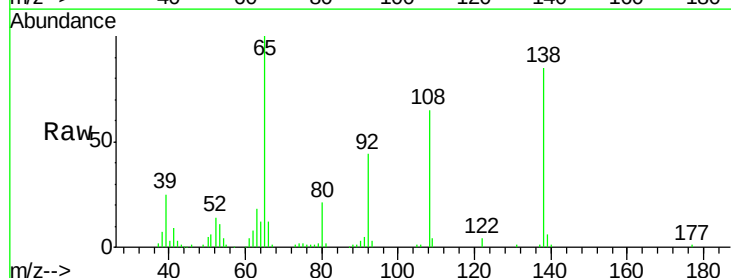
Manual Integrations
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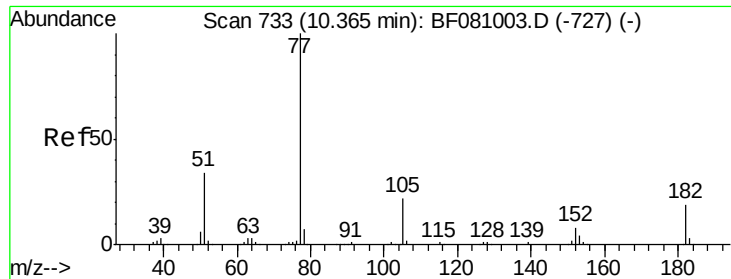
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#61
 4-Nitroaniline
 Concen: 33.02 ng
 RT: 10.16 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	84650		
92	51.7	34.7	74.7	
108	76.2	68.9	108.9	





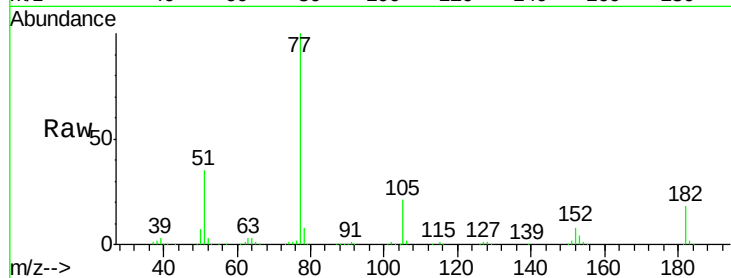
#62
Azobenzene
Concen: 34.71 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

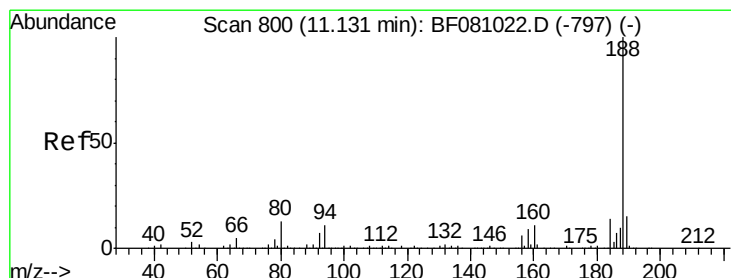
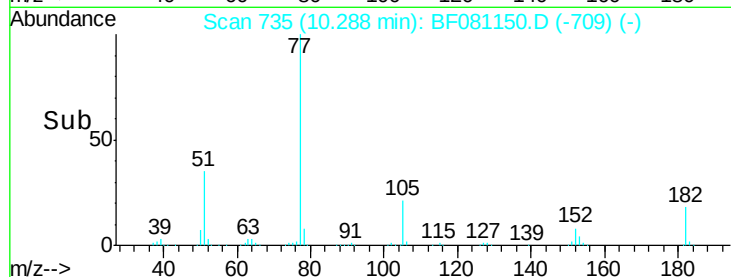
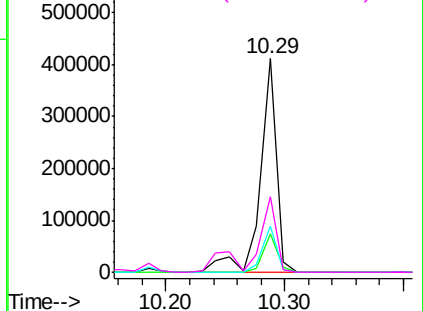
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	395150		
182	18.0	0.0	39.0	
105	21.4	0.2	40.2	
51	35.1	18.0	58.0	

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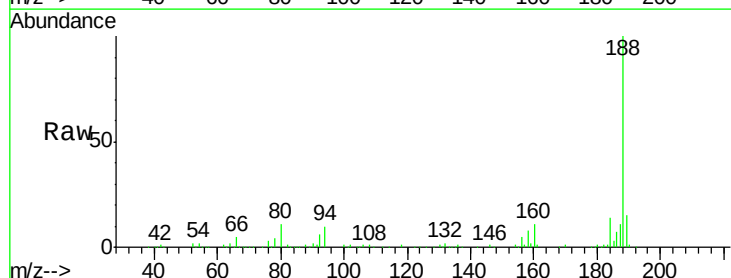


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

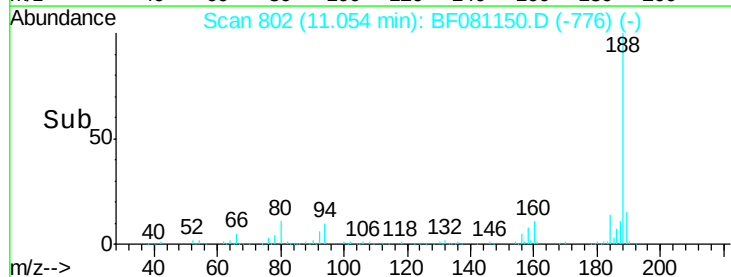
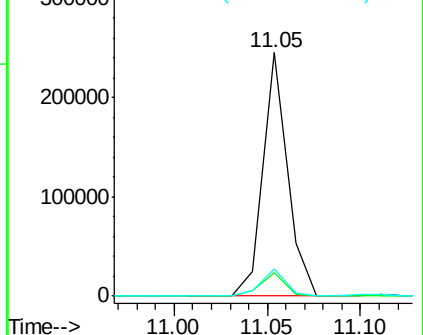


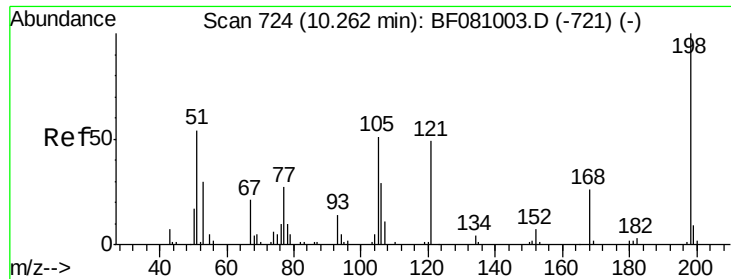
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	222721		
94	9.9	8.2	12.2	
80	11.2	9.5	14.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





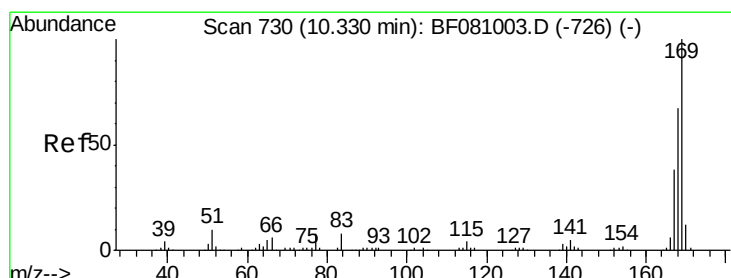
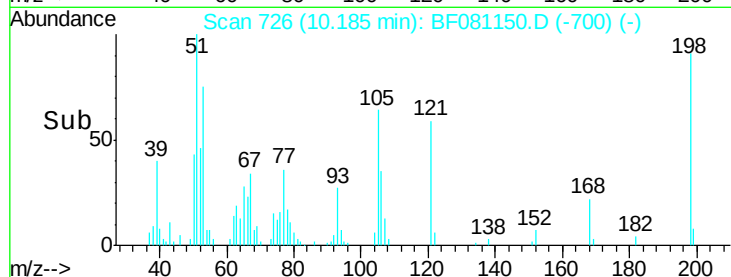
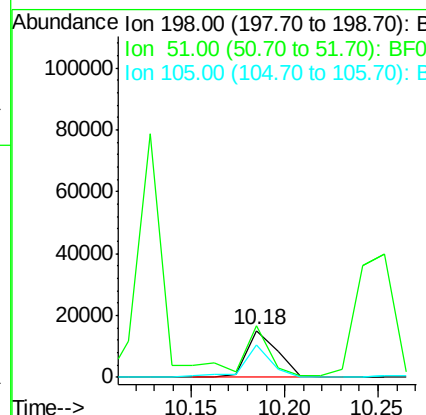
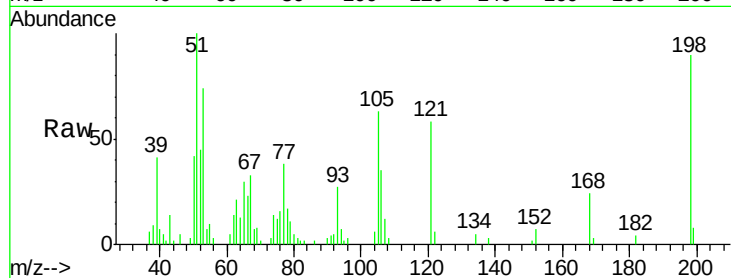
#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.73 ng
 RT: 10.18 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

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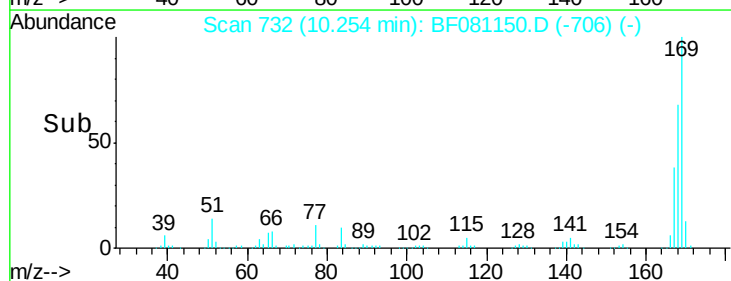
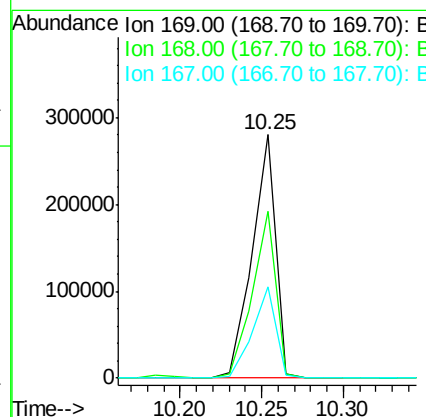
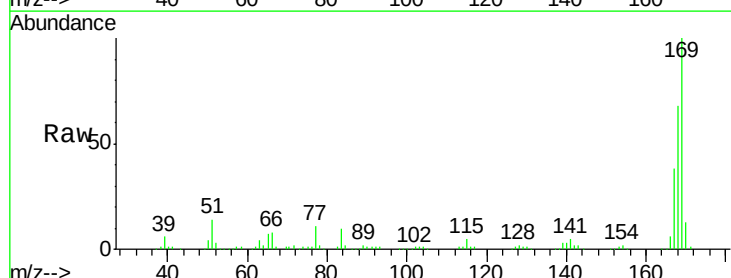
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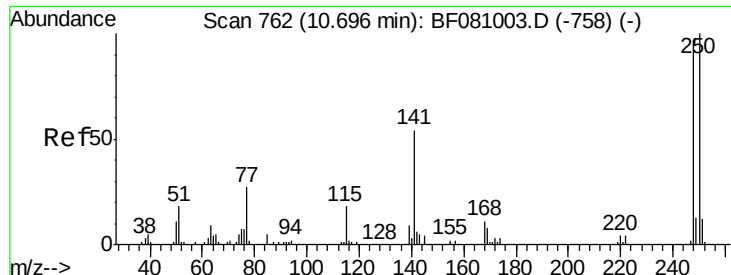
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16935		
51	111.6	79.7	119.7	
105	69.9	47.0	87.0	



#65
 n-Nitrosodiphenylamine
 Concen: 35.26 ng
 RT: 10.25 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	280315		
168	68.4	55.3	82.9	
167	37.7	30.8	46.2	





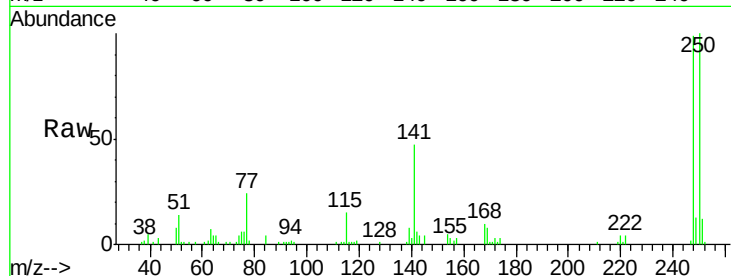
#66
 4-Bromophenyl-phenylether
 Concen: 31.93 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

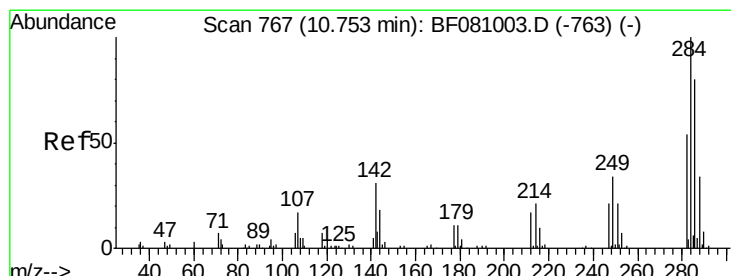
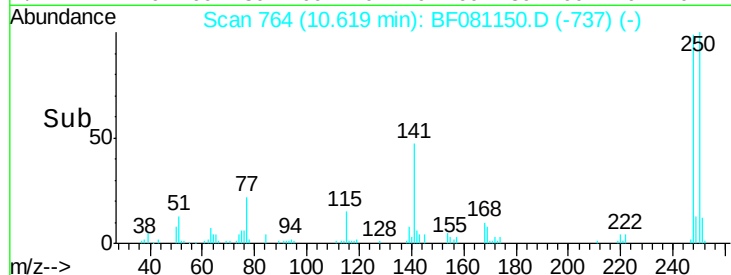
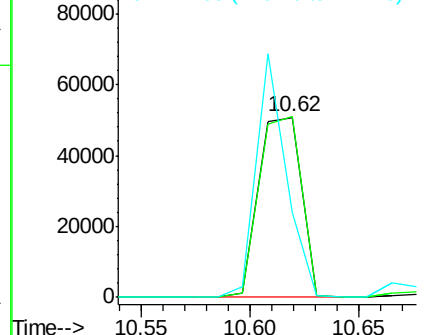
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	69871		
250	100.5	77.8	116.6	
141	46.8	39.8	59.6	

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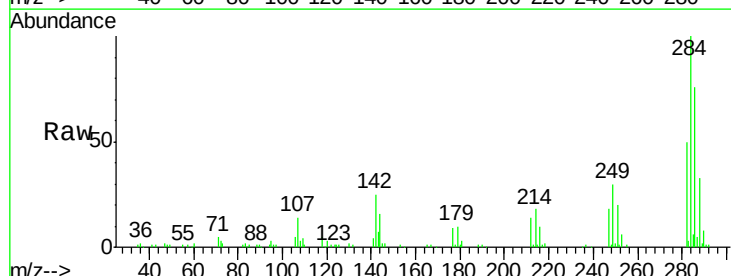


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

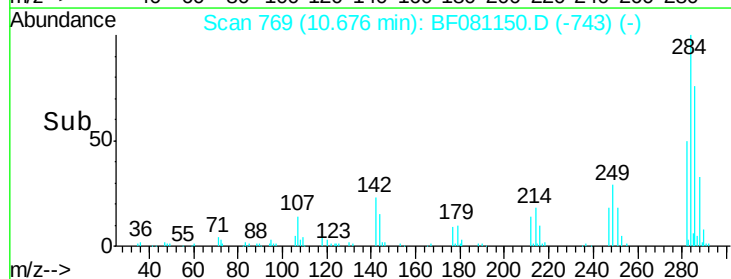
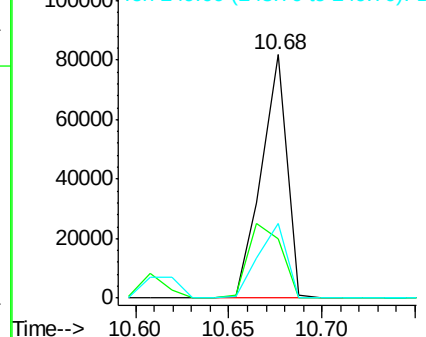


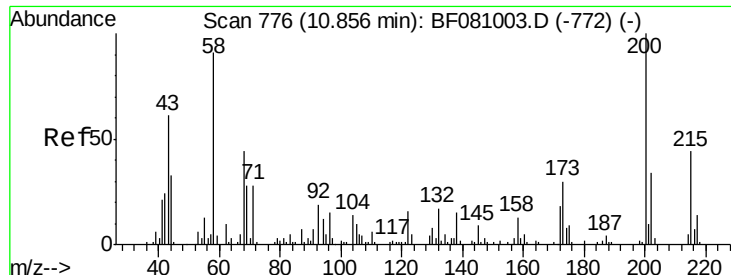
#67
 Hexachlorobenzene
 Concen: 35.80 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	79320		
142	24.5	25.4	38.0#	
249	30.5	28.5	42.7	



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





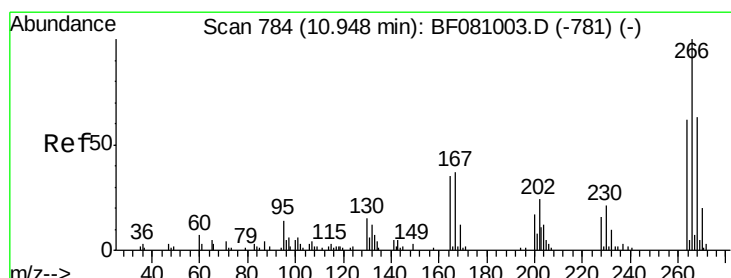
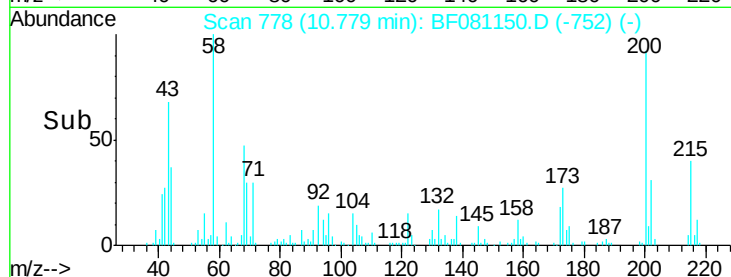
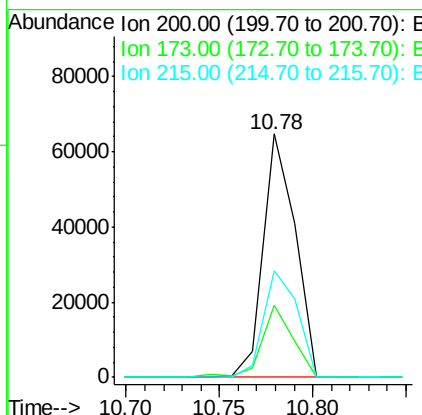
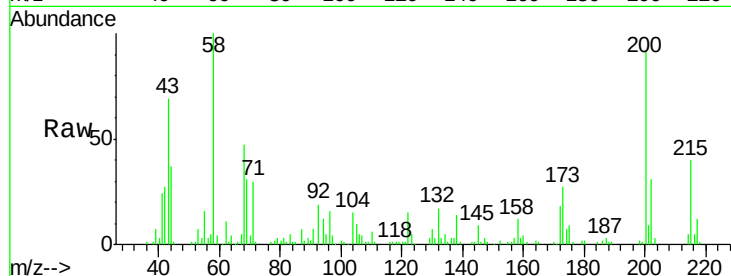
#68
Atrazine
Concen: 34.99 ng
RT: 10.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	8.1	48.1
215	43.6	23.3	63.3

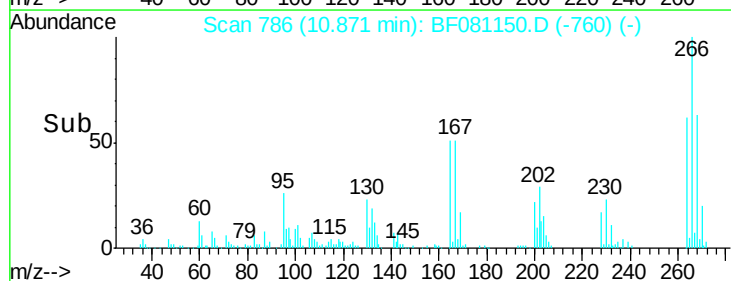
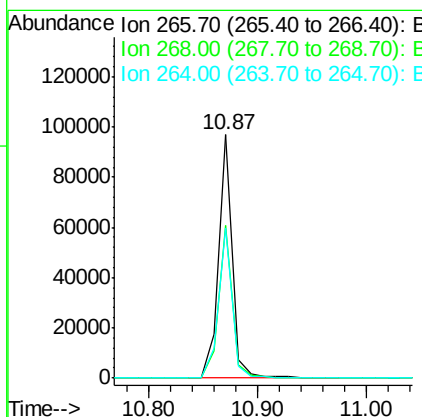
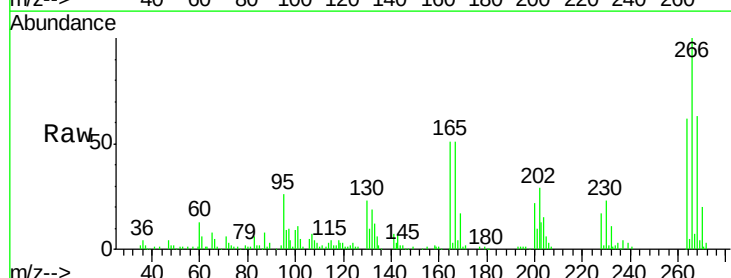
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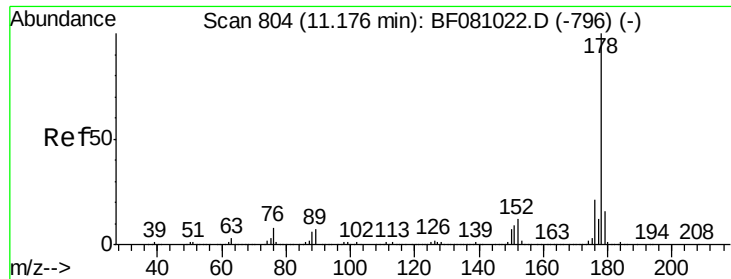
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#69
Pentachlorophenol
Concen: 64.84 ng
RT: 10.87 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	51.2	76.8
264	61.7	50.6	75.8





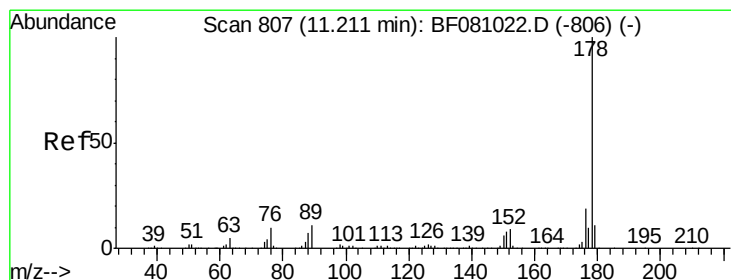
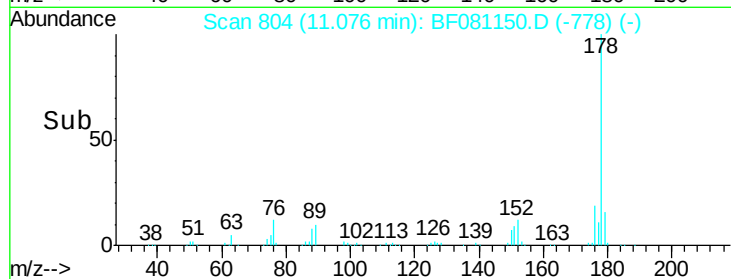
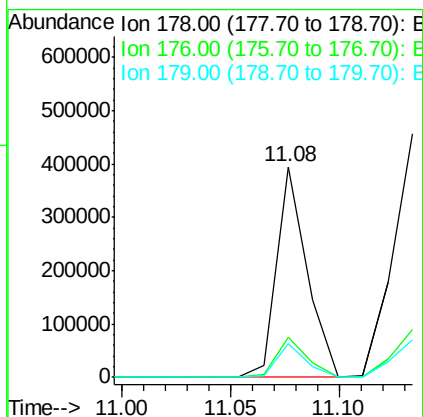
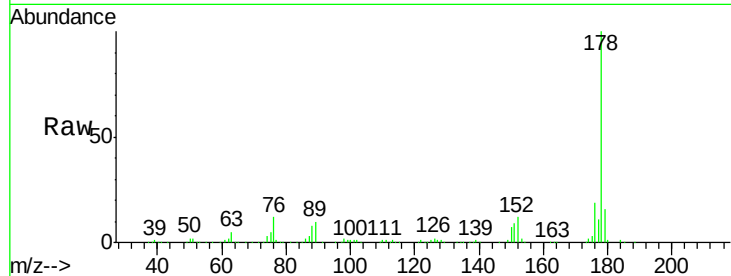
#70
Phenanthrene
Concen: 29.37 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.9	12.2	18.2

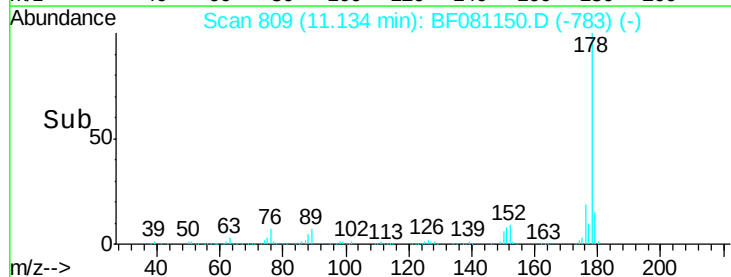
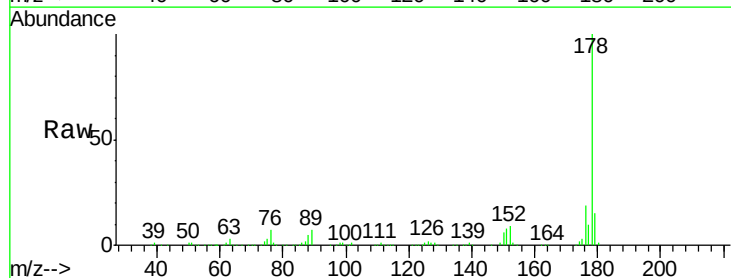
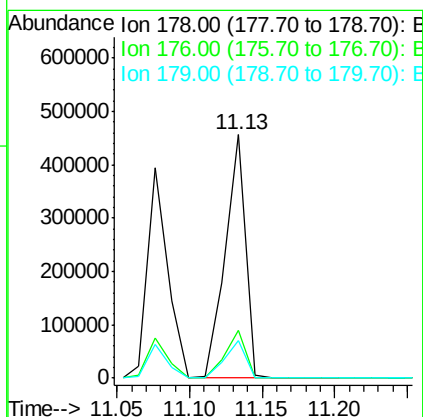
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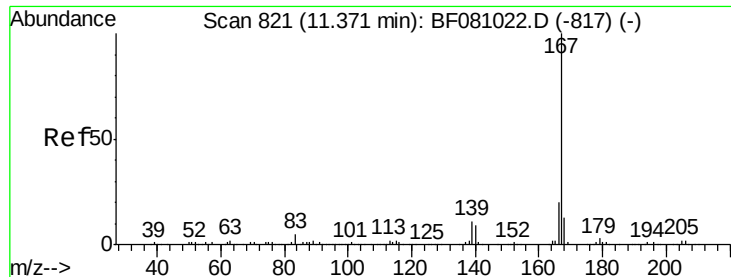
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#71
Anthracene
Concen: 34.56 ng
RT: 11.13 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.7	19.1





#72

Carbazole

Concen: 36.42 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

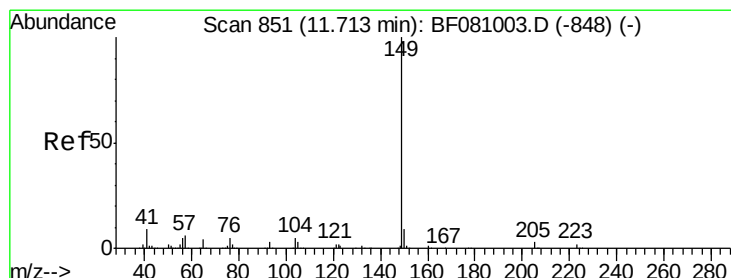
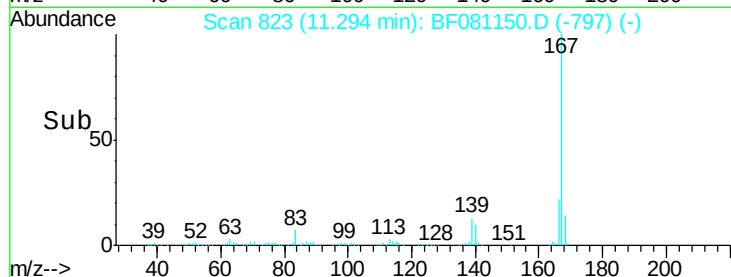
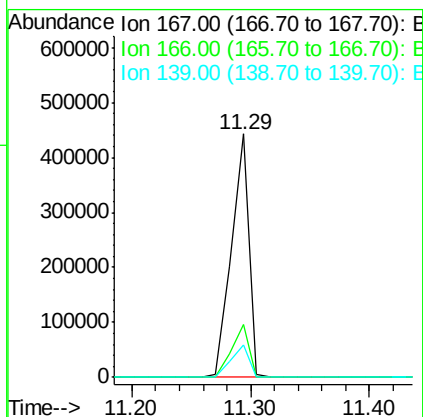
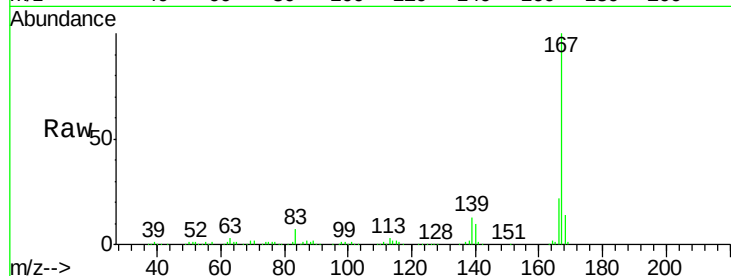
ClientSampleId :

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Tgt Ion:	167	Resp:	450340
Ion Ratio		Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.1	10.6	16.0

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#73

Di-n-butylphthalate

Concen: 35.34 ng

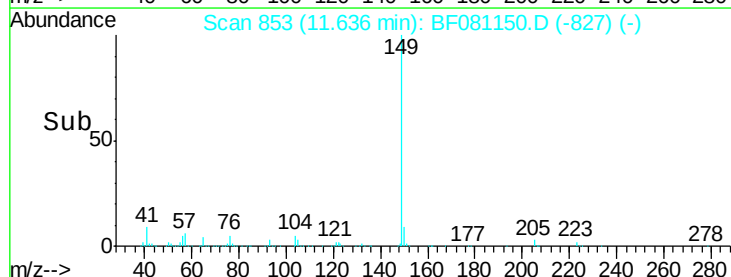
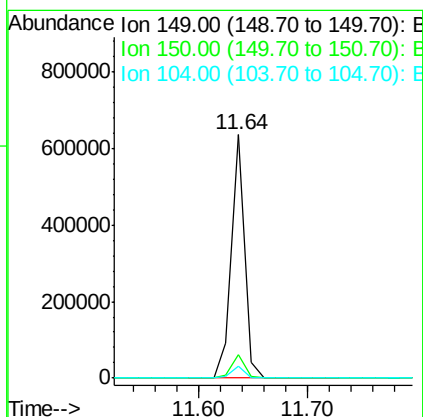
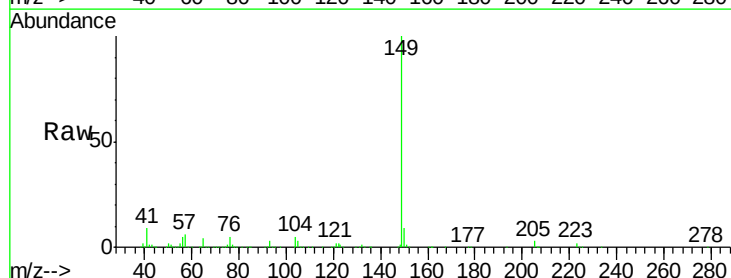
RT: 11.64 min Scan# 853

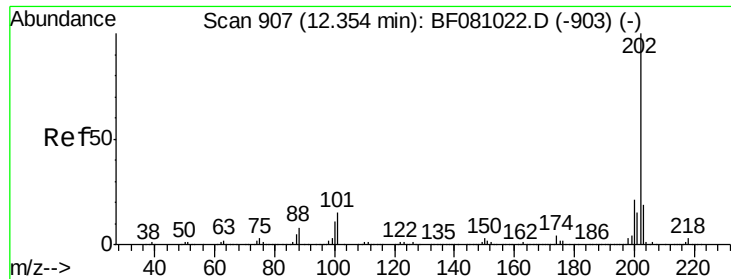
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	149	Resp:	528771
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.1	10.7
104	5.2	3.9	5.9





#74

Fluoranthene

Concen: 31.81 ng

RT: 12.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

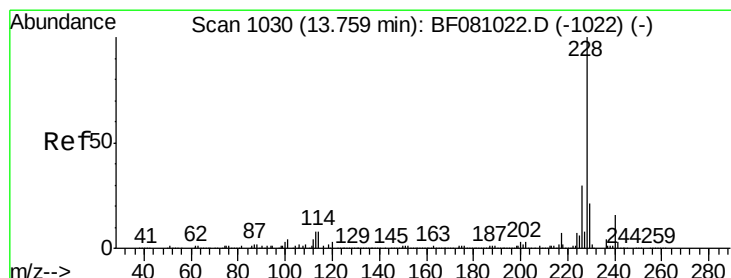
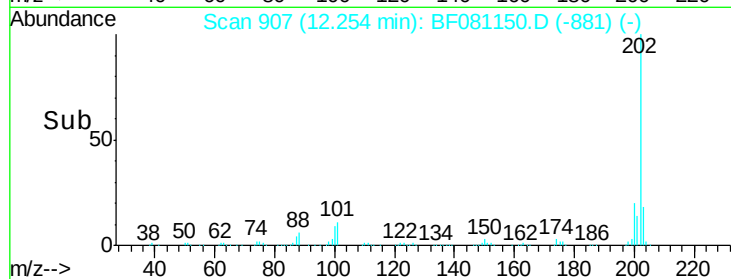
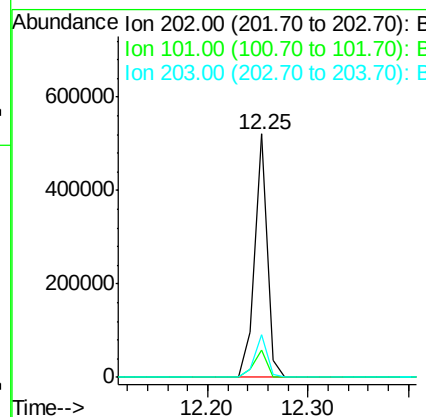
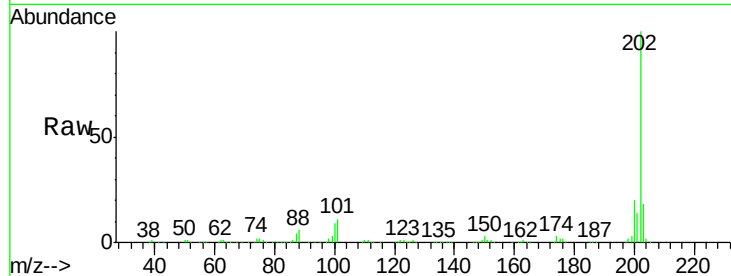
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt	Ion	202	Resp:	453106
Ion	Ratio	Lower	Upper	
202	100			
101	11.3	0.0	24.8	
203	17.6	0.0	36.9	

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#75

Chrysene-d12

Concen: 20.00 ng

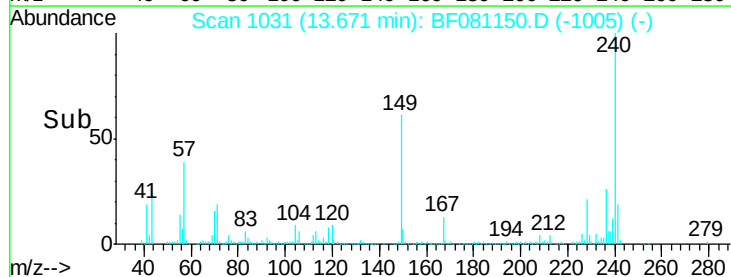
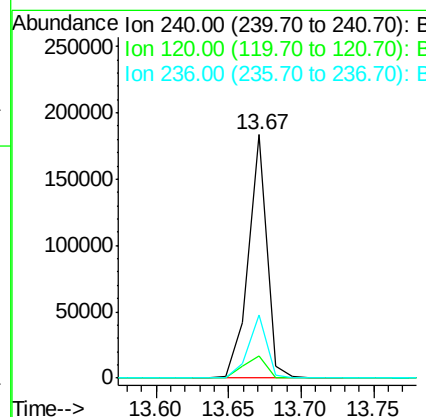
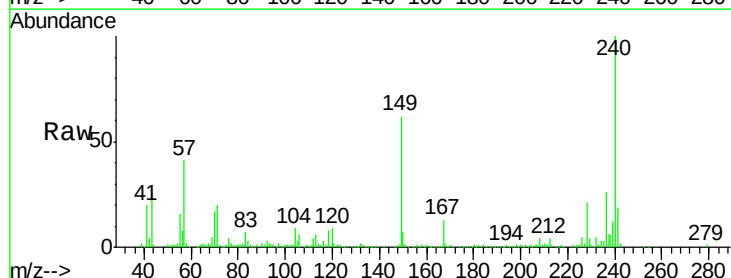
RT: 13.67 min Scan# 1031

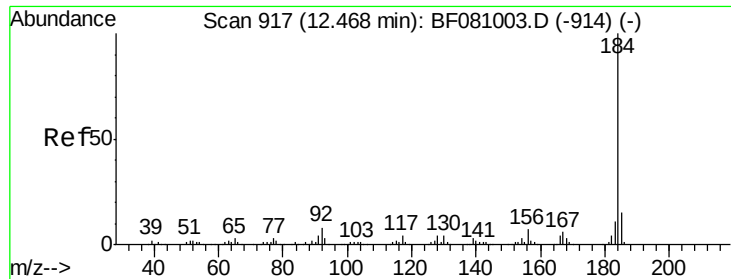
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt	Ion	240	Resp:	162705
Ion	Ratio	Lower	Upper	
240	100			
120	8.9	5.6	8.4#	
236	25.8	20.6	30.8	





#76

Benzidine

Concen: 25.60 ng

RT: 12.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

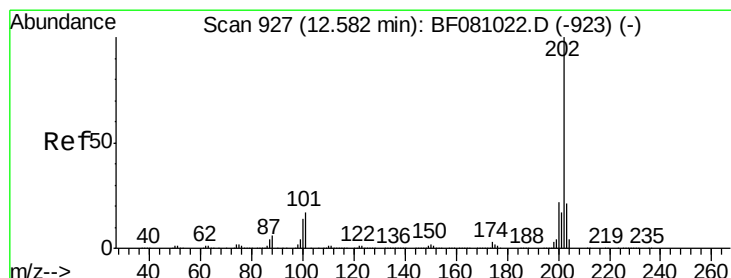
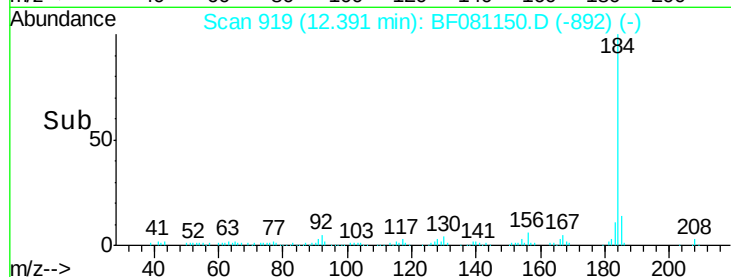
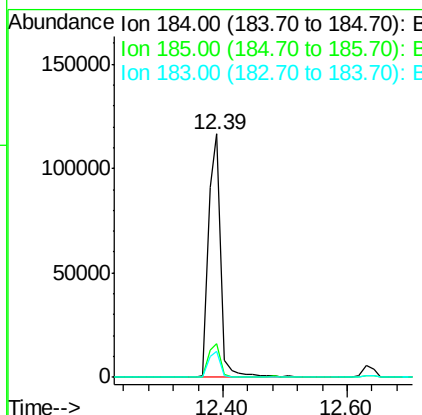
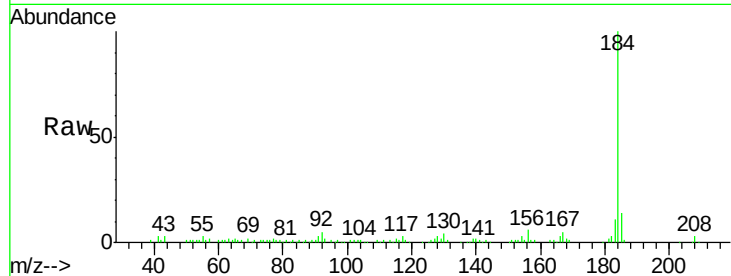
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion:	184	Resp:	157373
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.0	18.0
183	10.7	8.9	13.3

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#77

Pyrene

Concen: 36.82 ng

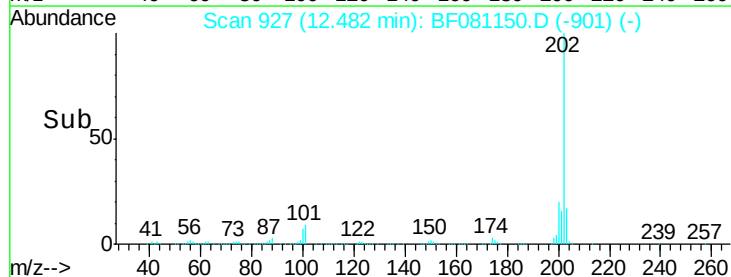
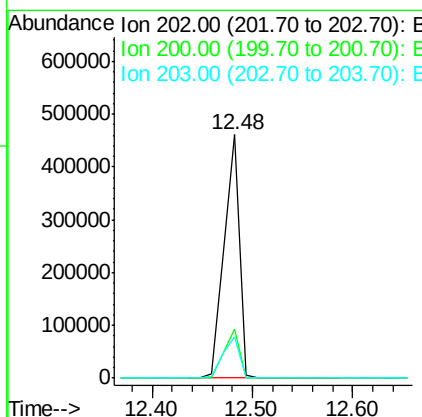
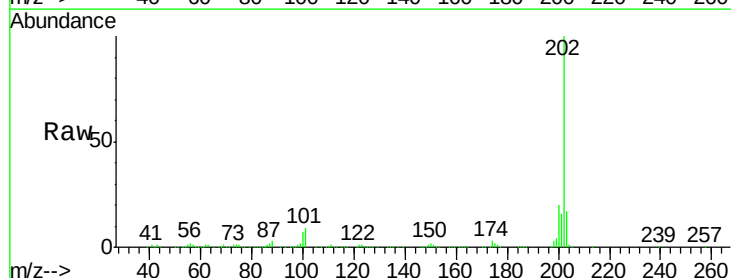
RT: 12.48 min Scan# 927

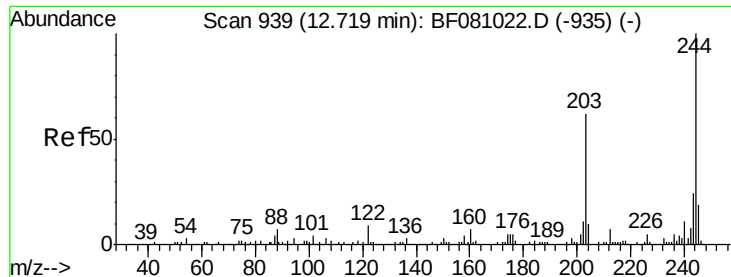
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	202	Resp:	486986
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	24.8
203	17.2	14.1	21.1





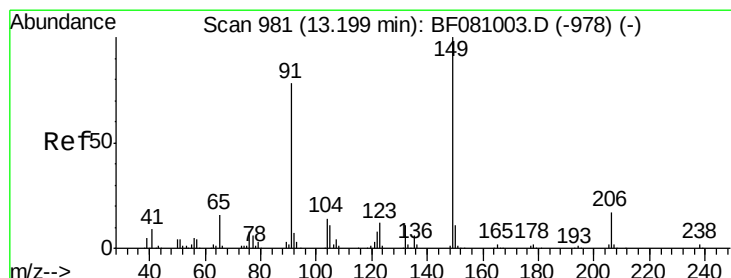
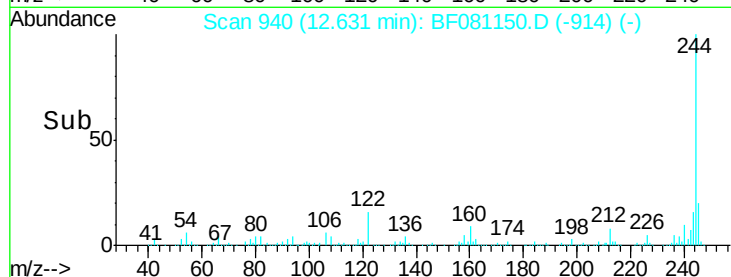
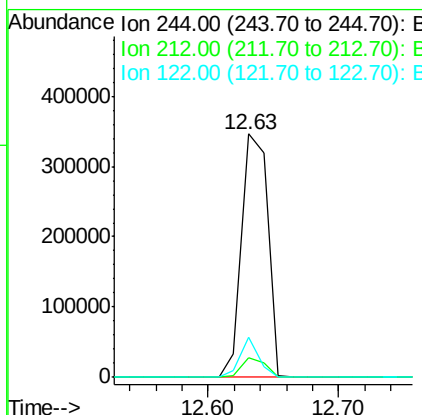
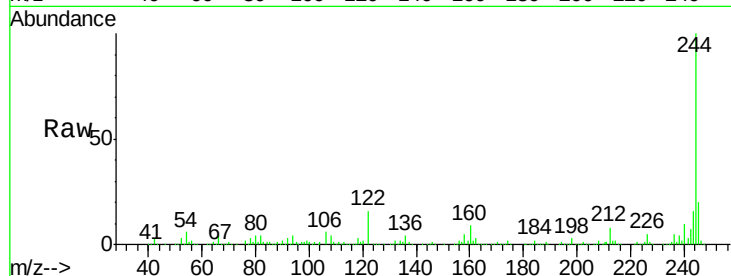
#78
 Terphenyl-d14
 Concen: 63.54 ng
 RT: 12.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	5.8	8.8
122	16.5	8.2	12.4

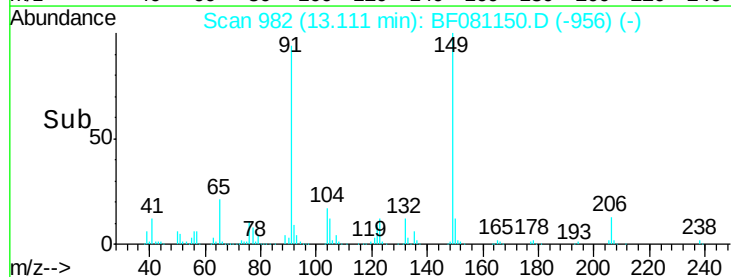
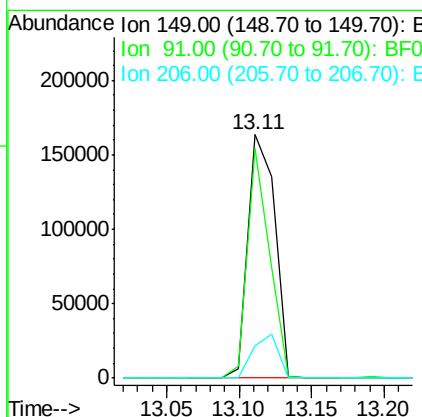
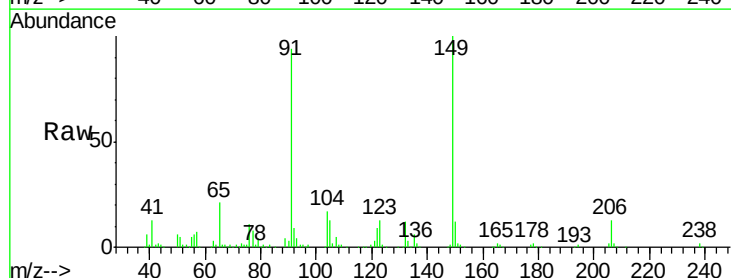
Manual Integrations
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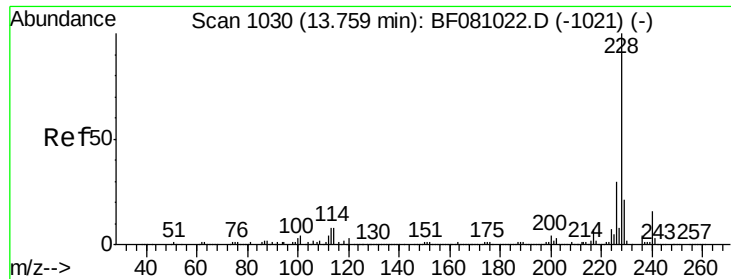
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#79
 Butylbenzylphthalate
 Concen: 37.26 ng
 RT: 13.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	94.5	46.9	70.3
206	13.3	17.0	25.4





#80

Benzo(a)anthracene

Concen: 30.60 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081150.D

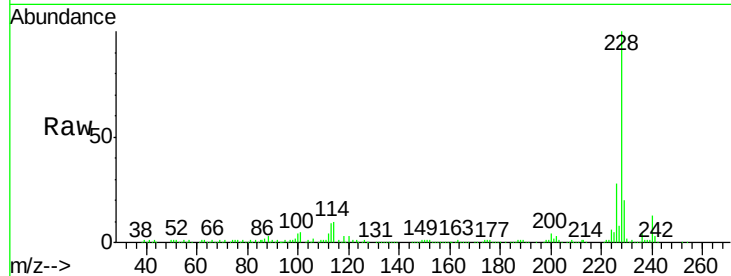
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

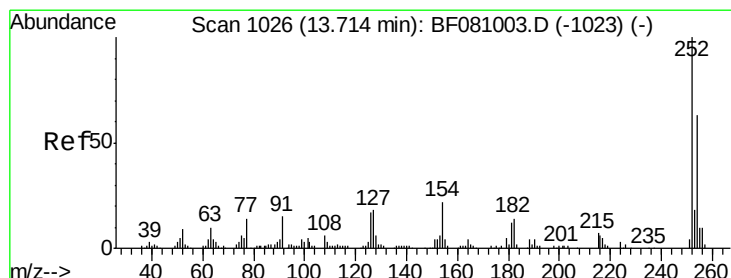
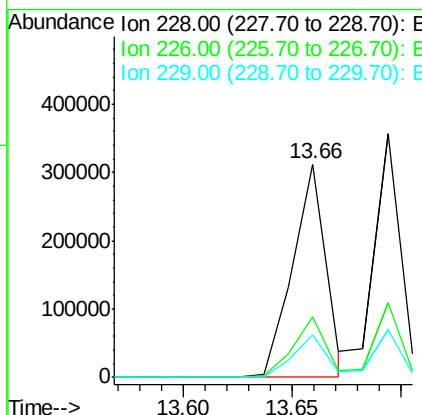
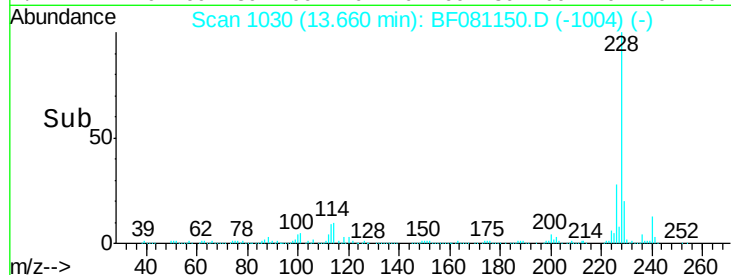
VITALE-FILL-SOURCE-1AMS



Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2		22.3	33.5
229	20.0		15.9	23.9

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#81

3,3'-Dichlorobenzidine

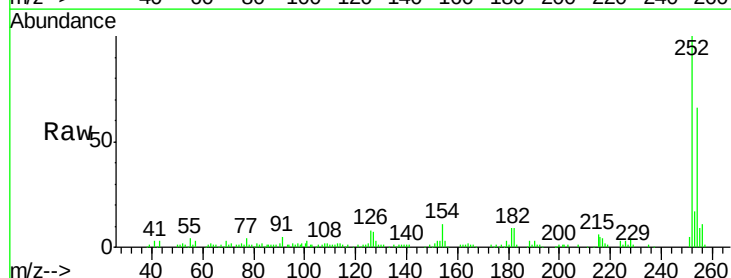
Concen: 33.71 ng

RT: 13.64 min Scan# 1028

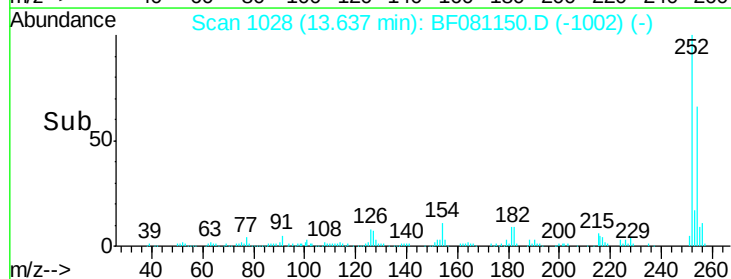
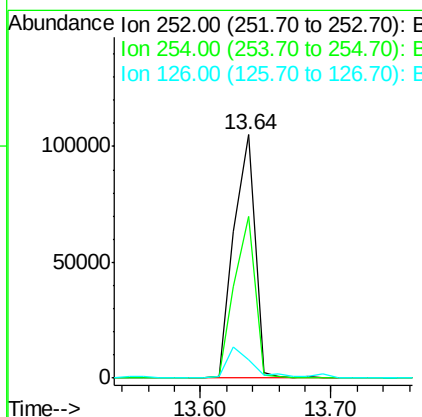
Delta R.T. 0.00 min

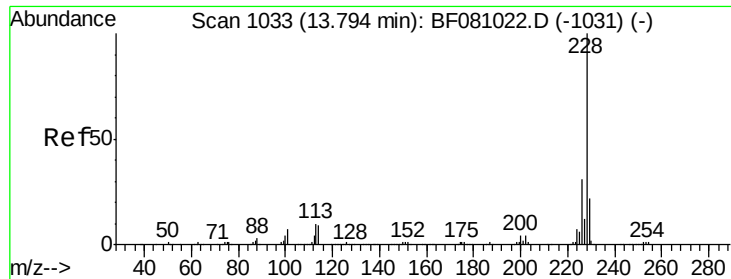
Lab File: BF081150.D

Acq: 21 Aug 2015 17:39



Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	66.3		51.5	77.3
126	7.5		12.5	18.7#





#82

Chrysene

Concen: 30.58 ng m

RT: 13.69 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

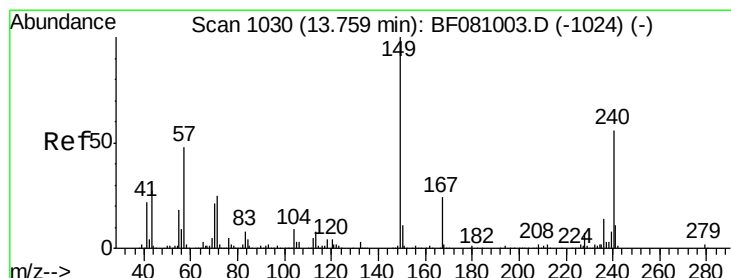
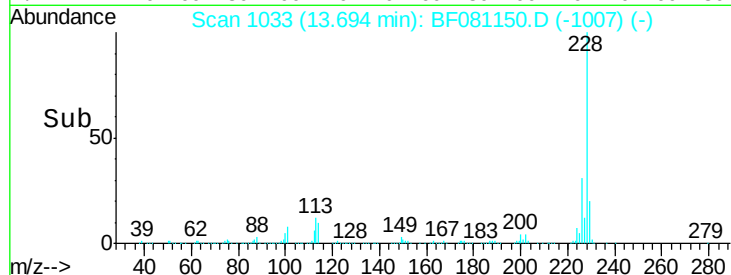
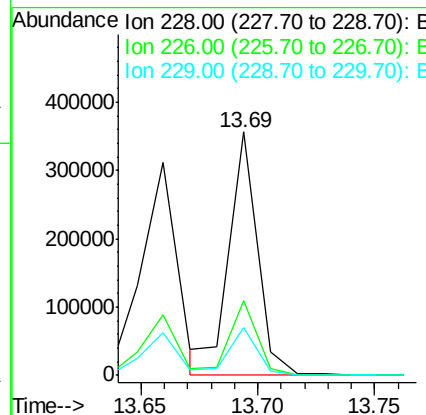
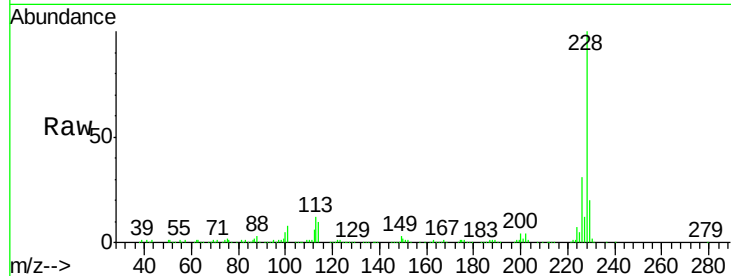
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion:	228	Resp:	300696
Ion Ratio		Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.6	16.0	24.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 40.78 ng

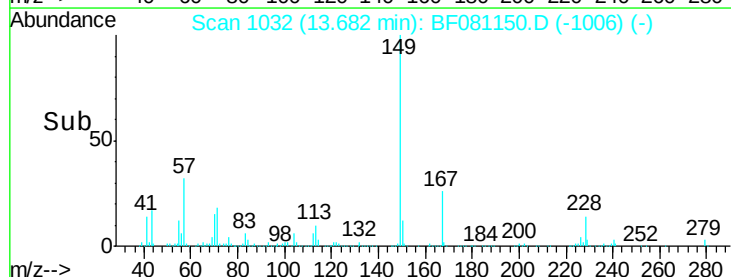
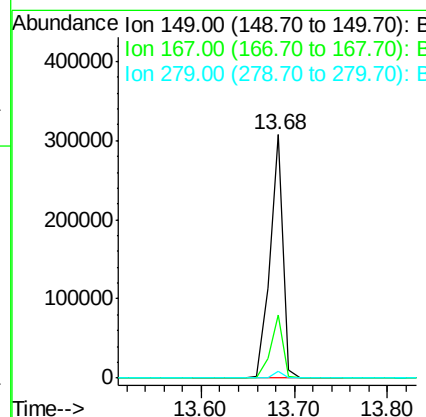
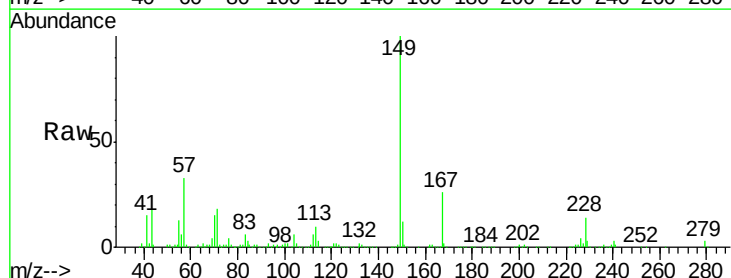
RT: 13.68 min Scan# 1032

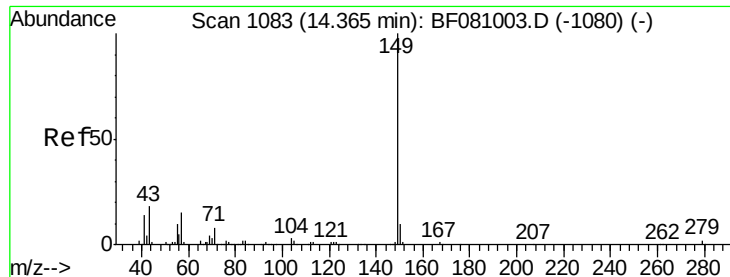
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	149	Resp:	296982
Ion Ratio		Lower	Upper
149	100		
167	26.0	20.7	31.1
279	2.7	2.2	3.4





#84

Di-n-octyl phthalate

Concen: 43.85 ng

RT: 14.29 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion:149 Resp: 485333
Ion Ratio Lower Upper

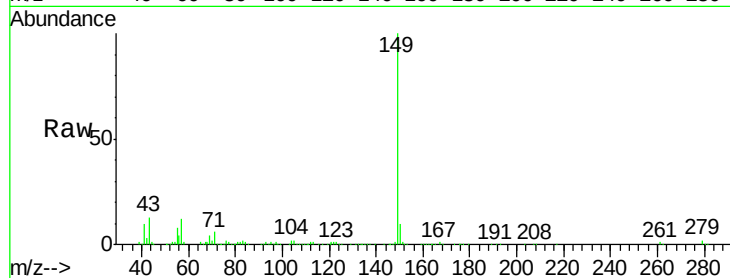
149 100

167 1.7 1.1 1.7#

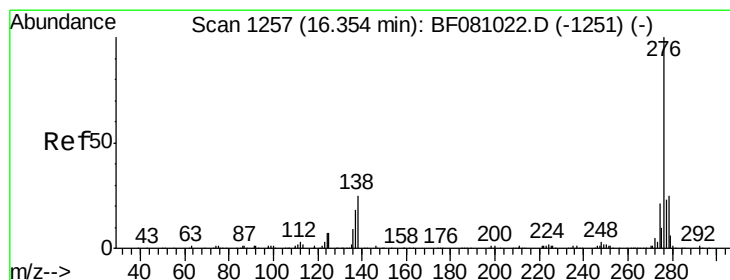
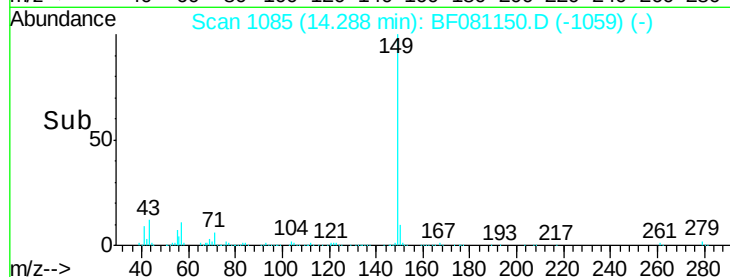
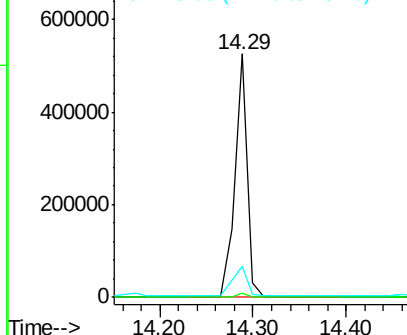
43 14.8 11.6 17.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.72 ng

RT: 16.19 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF081150.D

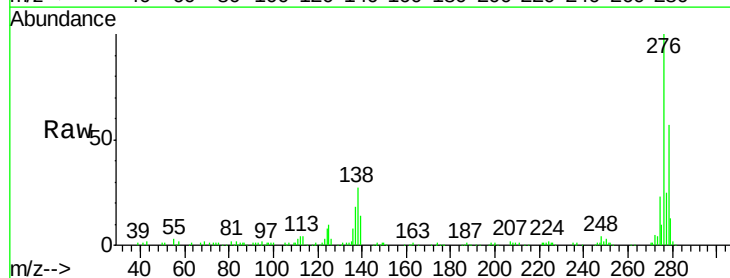
Acq: 21 Aug 2015 17:39

Tgt Ion:276 Resp: 246609
Ion Ratio Lower Upper

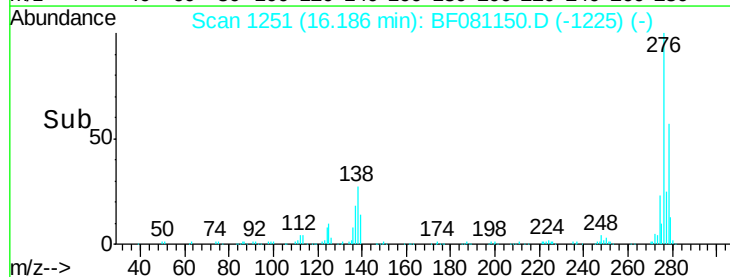
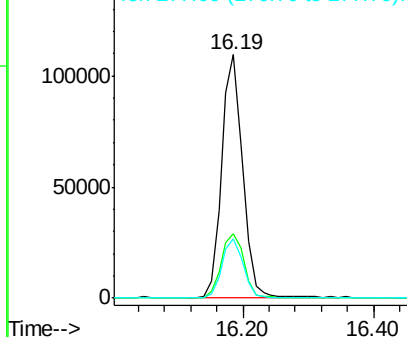
276 100

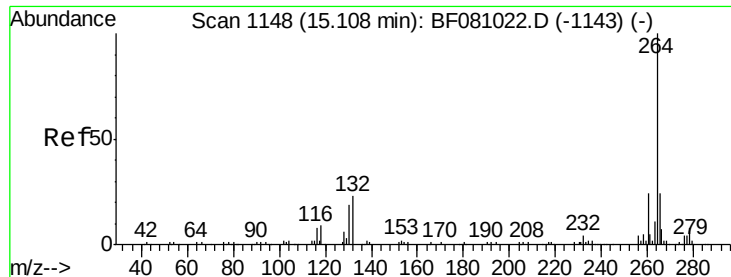
138 28.9 18.6 28.0#

277 24.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.00 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF081150.D

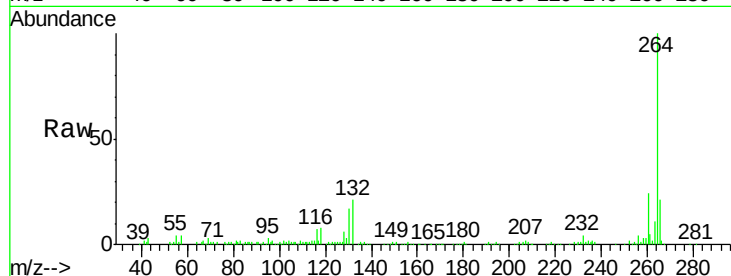
Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

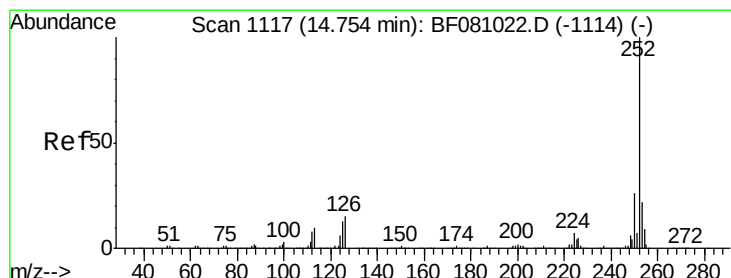
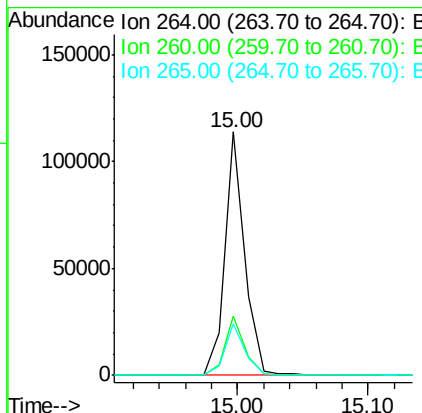
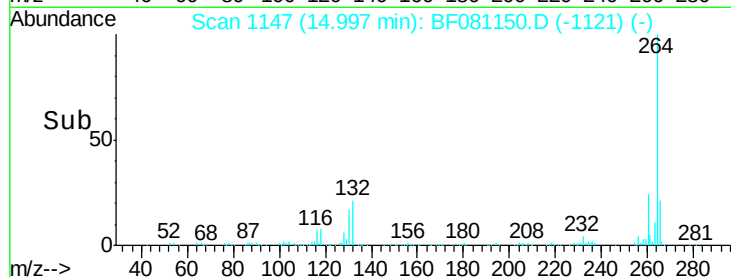
VITALE-FILL-SOURCE-1AMS



Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.6	29.4	
265	21.3	17.5	26.3	

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#87

Benzo(b)fluoranthene

Concen: 40.66 ng m

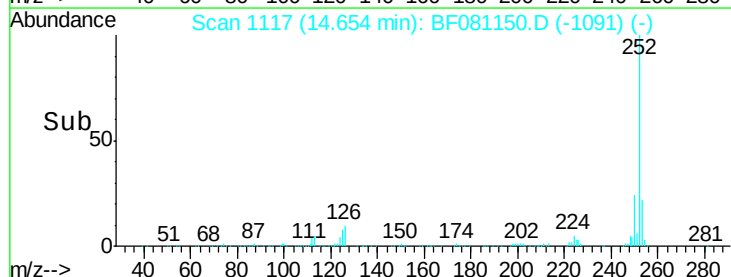
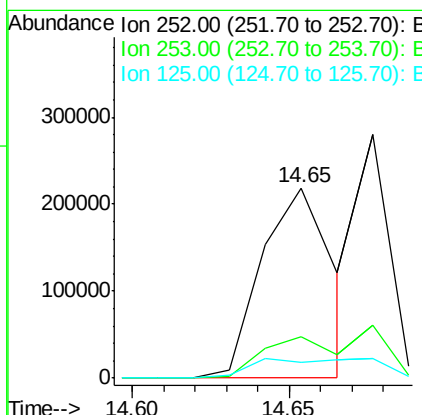
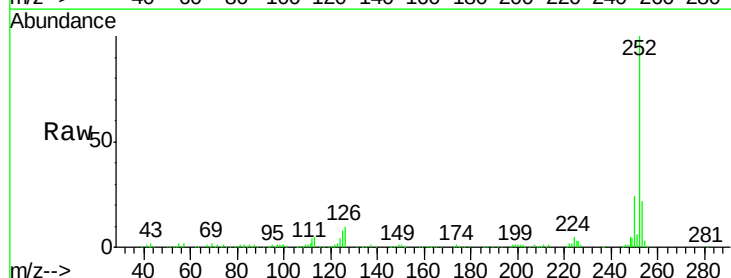
RT: 14.65 min Scan# 1117

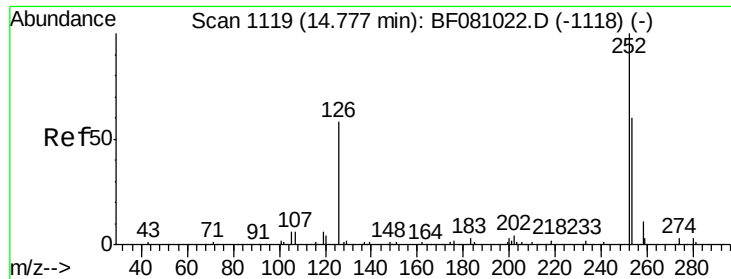
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.6	17.1	25.7	
125	8.0	8.0	12.0	





#88

Benzo(k)fluoranthene

Concen: 26.29 ng m

RT: 14.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

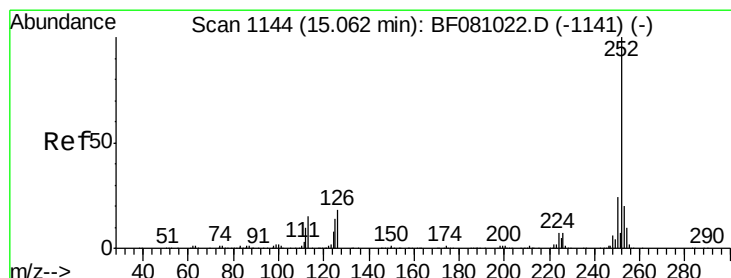
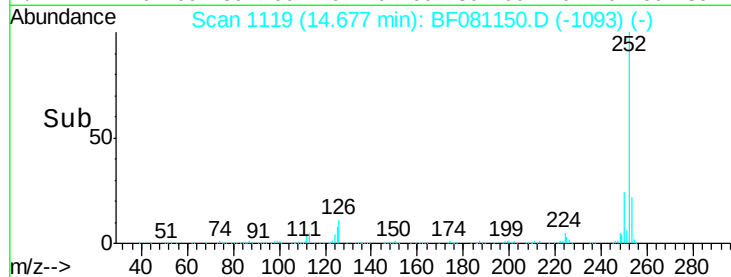
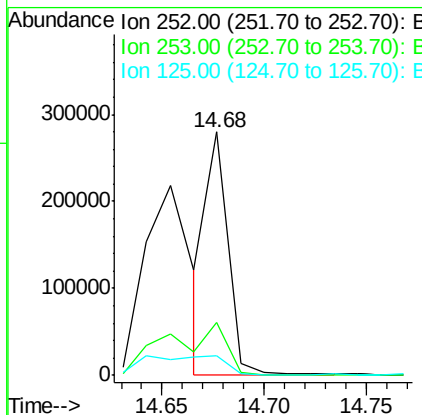
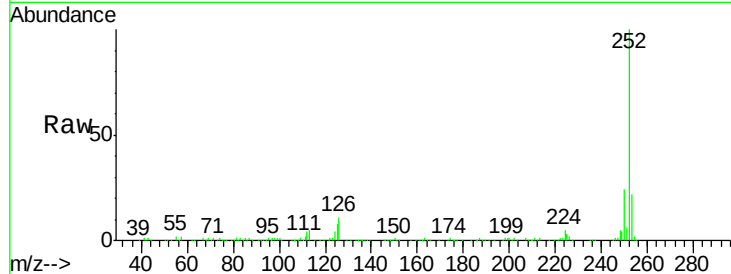
ClientSampleId :

VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	207790		
253	21.8	17.6	26.4	
125	8.1	10.3	15.5#	

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#89

Benzo(a)pyrene

Concen: 35.53 ng

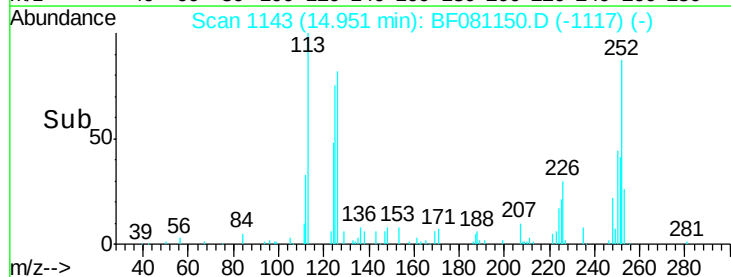
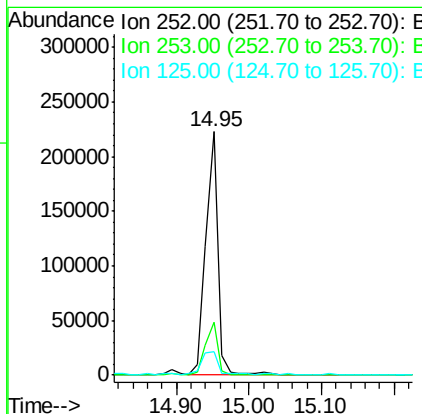
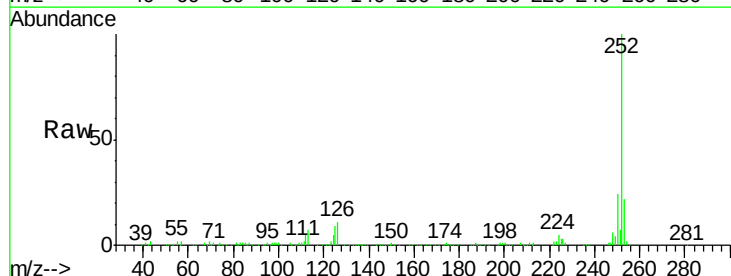
RT: 14.95 min Scan# 1143

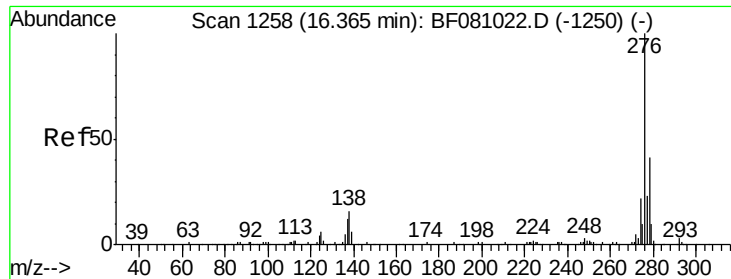
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	262634		
253	21.7	16.6	25.0	
125	9.5	7.8	11.8	





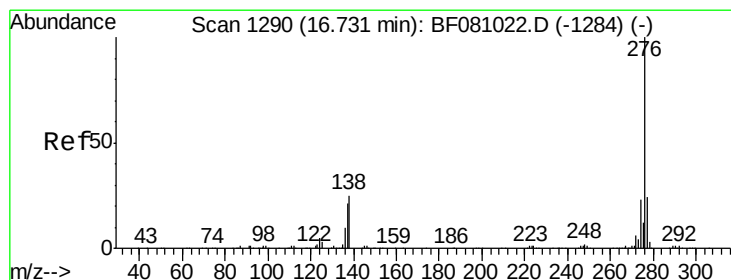
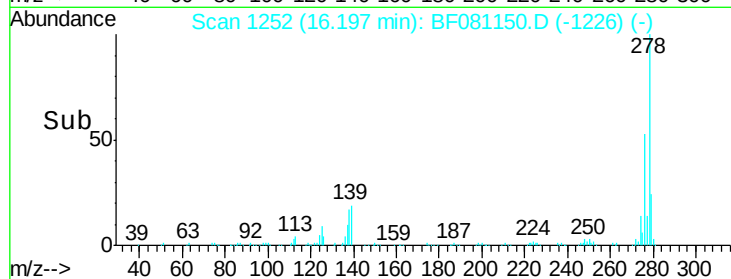
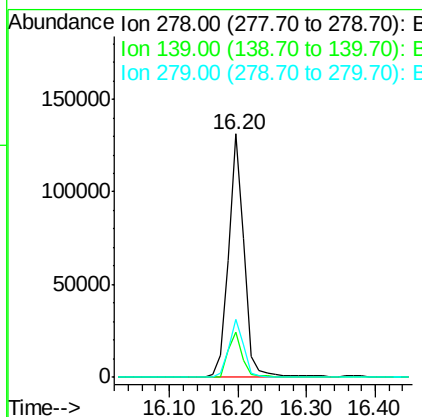
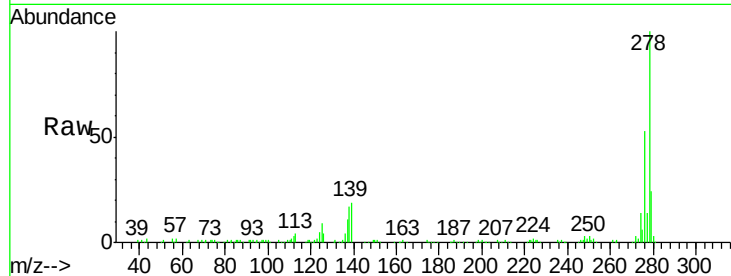
#90
Dibenzo(a,h)anthracene
Concen: 36.68 ng
RT: 16.20 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	211231		
139	18.8	10.8	16.2#	
279	23.7	19.0	28.6	

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#91
Benzo(g,h,i)perylene
Concen: 33.52 ng
RT: 16.54 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	195881		
277	22.6	18.2	27.2	
138	22.7	13.7	20.5#	

