

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080714.D
 Acq On : 31 Jul 2015 2:28
 Operator : TP/UM
 Sample : G3143-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Manual Integrations
 APPROVED

MMDadoda
 7/31/2015 11:22:37 AM

Quant Time: Jul 31 06:55:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158556	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	599000	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	307177	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	513132	20.00	ng	0.00
75) Chrysene-d12	14.00	240	300409	20.00	ng	0.00
86) Perylene-d12	15.41	264	280959	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1208407	130.74	ng	0.01
7) Phenol-d6	6.49	99	1599311	127.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	1187804	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	428181	134.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1756040	85.29	ng	0.00
78) Terphenyl-d14	12.96	244	1401857	88.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	159333	34.96	ng	100
3) Pyridine	3.25	79	442463	34.99	ng	99
4) n-Nitrosodimethylamine	3.21	42	326738	45.20	ng	100
6) Aniline	6.52	93	705957	38.97	ng	99
8) 2-Chlorophenol	6.64	128	447907	43.23	ng	91
9) Benzaldehyde	6.40	77	116837	12.90	ng	84
10) Phenol	6.50	94	580744	39.88	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	477131	45.87	ng	98
12) 1,3-Dichlorobenzene	6.80	146	481258	41.73	ng	99
13) 1,4-Dichlorobenzene	6.88	146	510603	43.40	ng	99
14) 1,2-Dichlorobenzene	7.02	146	439180	40.84	ng	98
15) Benzyl Alcohol	7.00	79	519801	49.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1045808	47.06	ng	100
17) 2-Methylphenol	7.10	107	398356	46.84	ng	99
18) Hexachloroethane	7.37	117	182212	41.49	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	387813	45.77	ng	100
20) 3+4-Methylphenols	7.26	107	496018	47.27	ng	96
22) Acetophenone	7.26	105	635791	43.97	ng	# 98
24) Nitrobenzene	7.44	77	521916	42.11	ng	99
25) Isophorone	7.68	82	1006889	45.77	ng	99
26) 2-Nitrophenol	7.76	139	255537m	50.80	ng	
27) 2,4-Dimethylphenol	7.79	122	415877	44.01	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	667308	51.21	ng	99
29) 2,4-Dichlorophenol	8.00	162	410496	48.87	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	392542	42.85	ng	99
31) Naphthalene	8.16	128	1264517	42.29	ng	99
32) Benzoic acid	7.84	122	14324m	2.47	ng	
33) 4-Chloroaniline	8.20	127	423427	33.56	ng	# 84
34) Hexachlorobutadiene	8.28	225	258526	43.71	ng	98
35) Caprolactam	8.58	113	117085m	46.55	ng	
36) 4-Chloro-3-methylphenol	8.69	107	457803	50.55	ng	# 82
37) 2-Methylnaphthalene	8.85	142	893312	47.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	358782	37.19	ng	99
40) Hexachlorocyclopentadiene	9.01	237	472072	79.54	ng	99

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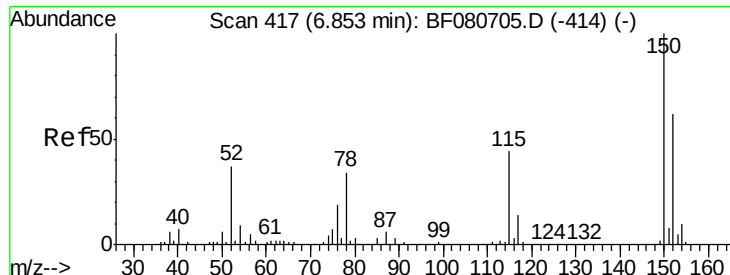
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	301439m	44.92	ng	
43) 2,4,5-Trichlorophenol	9.16	196	296084m	44.48	ng	
45) 1,1'-Biphenyl	9.32	154	1005093	42.67	ng	99
46) 2-Chloronaphthalene	9.34	162	798830	41.52	ng	99
47) 2-Nitroaniline	9.44	65	351460	46.95	ng	97
48) Acenaphthylene	9.76	152	1344674	43.96	ng	99
49) Dimethylphthalate	9.62	163	1160329	53.60	ng	100
50) 2,6-Dinitrotoluene	9.68	165	199194	43.36	ng	94
51) Acenaphthene	9.93	154	807047	43.25	ng	99
52) 3-Nitroaniline	9.85	138	195953	36.96	ng	96
53) 2,4-Dinitrophenol	9.94	184	73199	29.92	ng	89
54) Dibenzofuran	10.10	168	1115939	44.71	ng	100
55) 4-Nitrophenol	10.00	139	309627	79.27	ng	# 56
56) 2,4-Dinitrotoluene	10.08	165	247363	41.06	ng	89
57) Fluorene	10.44	166	857803	44.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	243174	48.44	ng	# 97
59) Diethylphthalate	10.32	149	860237	41.23	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	365733	43.60	ng	99
61) 4-Nitroaniline	10.45	138	184613	38.57	ng	98
62) Azobenzene	10.59	77	1021919	45.21	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	128622	41.62	ng	# 35
65) n-Nitrosodiphenylamine	10.56	169	748919	44.52	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	256577	48.44	ng	99
67) Hexachlorobenzene	10.98	284	258290	42.17	ng	97
68) Atrazine	11.08	200	257527	Below	Cal	92
69) Pentachlorophenol	11.17	266	293640	79.23	ng	98
70) Phenanthrene	11.39	178	1083586	41.91	ng	100
71) Anthracene	11.45	178	1160621	45.69	ng	100
72) Carbazole	11.60	167	932133	42.28	ng	99
73) Di-n-butylphthalate	11.94	149	1229979	44.99	ng	100
74) Fluoranthene	12.58	202	1126743	45.08	ng	99
76) Benzidine	12.71	184	622466	56.91	ng	99
77) Pyrene	12.81	202	1145605	49.17	ng	99
79) Butylbenzylphthalate	13.43	149	408054	42.32	ng	97
80) Benzo(a)anthracene	13.99	228	776011	42.95	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	253053	41.04	ng	97
82) Chrysene	14.03	228	746053	42.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	567493	48.93	ng	# 93
84) Di-n-octyl phthalate	14.60	149	931798	47.91	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	742622	46.85	ng	# 88
87) Benzo(b)fluoranthene	15.01	252	725977m	43.26	ng	
88) Benzo(k)fluoranthene	15.04	252	563137m	40.77	ng	
89) Benzo(a)pyrene	15.36	252	628884	45.64	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	620695	50.33	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	638570	52.61	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

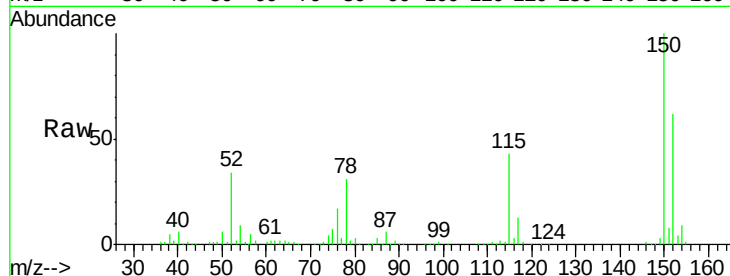
ClientSampleId :

SOUTHEASTWALL3-072915MSD

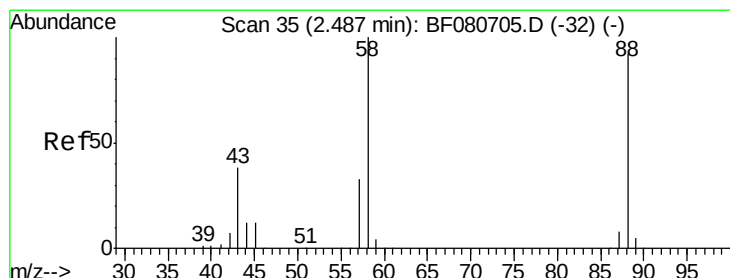
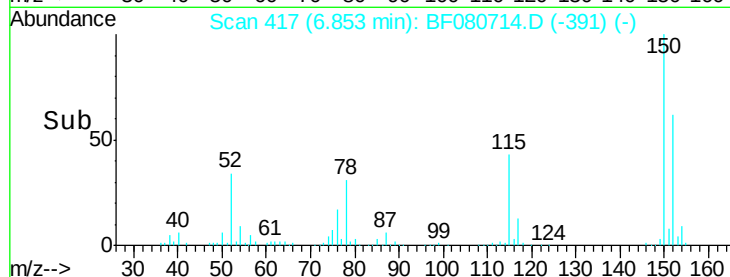
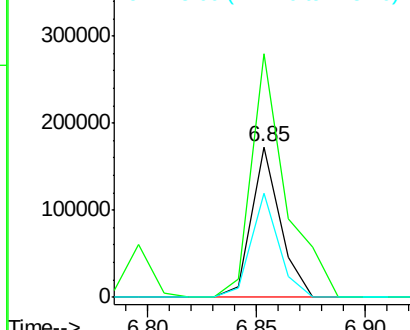
Tgt Ion:	152	Resp:	158556
Ion Ratio	Lower	Upper	
152	100		
150	162.0	129.6	194.4
115	69.3	56.6	85.0

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



#2

1,4-Dioxane

Concen: 34.96 ng

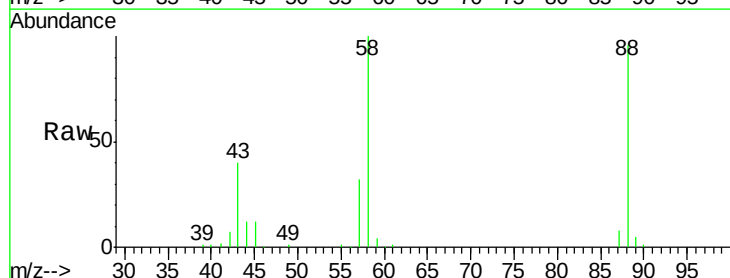
RT: 2.53 min Scan# 39

Delta R.T. 0.05 min

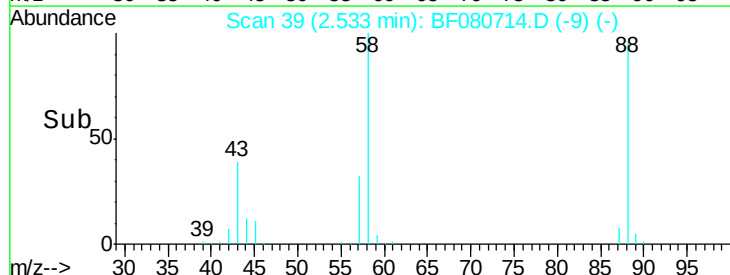
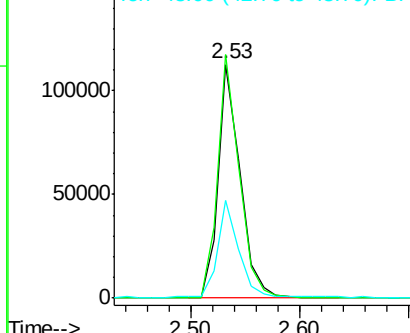
Lab File: BF080714.D

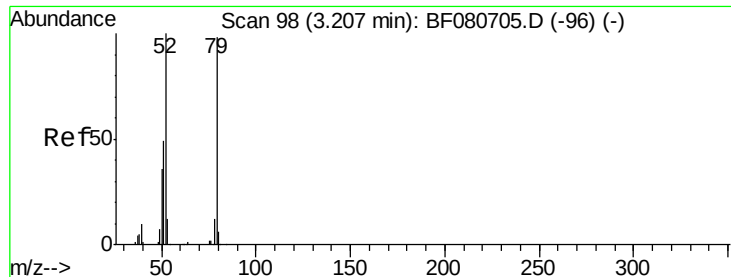
Acq: 31 Jul 2015 2:28

Tgt Ion:	88	Resp:	159333
Ion Ratio	Lower	Upper	
88	100		
58	103.0	82.3	123.5
43	39.2	31.7	47.5



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





#3

Pyridine

Concen: 34.99 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.05 min

Lab File: BF080714.D

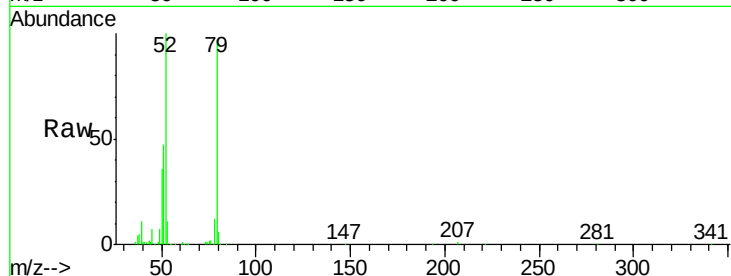
Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

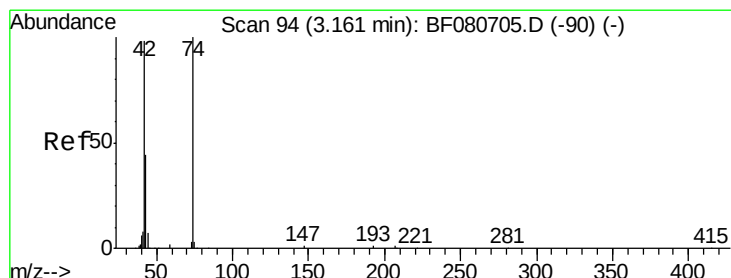
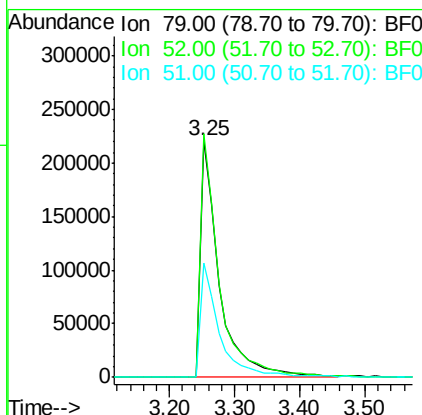
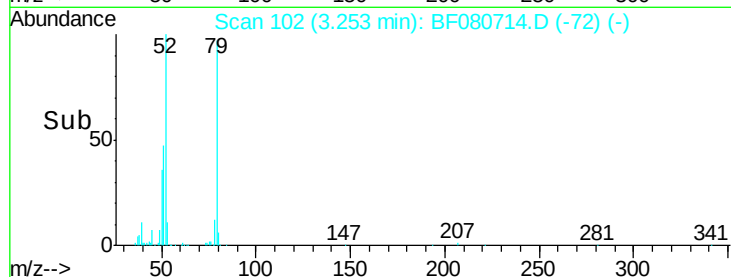
SOUTHEASTWALL3-072915MSD



Tgt Ion:	79	Resp:	442463
Ion	Ratio	Lower	Upper
79	100		
52	103.0	81.6	122.4
51	48.5	40.2	60.2

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#4

n-Nitrosodimethylamine

Concen: 45.20 ng

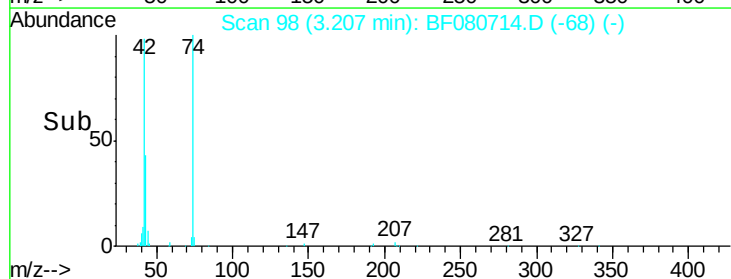
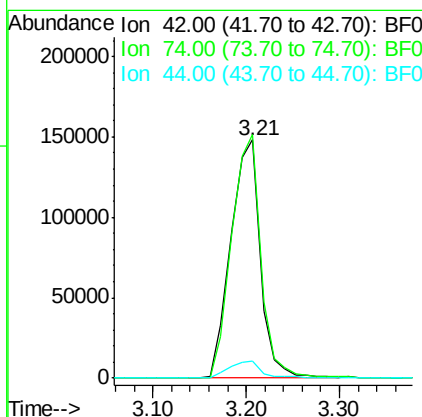
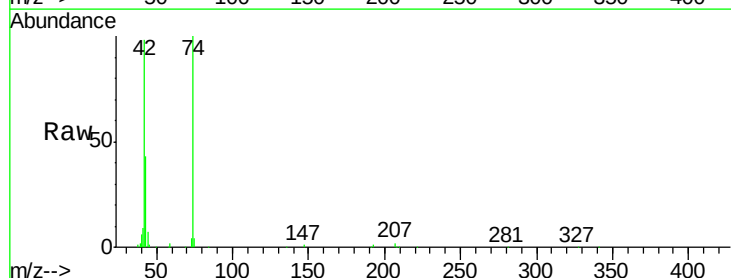
RT: 3.21 min Scan# 98

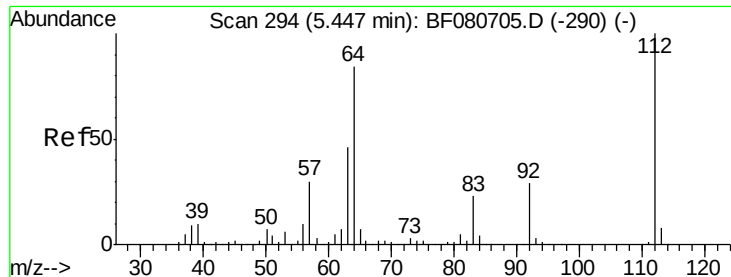
Delta R.T. 0.05 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	42	Resp:	326738
Ion	Ratio	Lower	Upper
42	100		
74	102.3	81.5	122.3
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 130.74 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080714.D

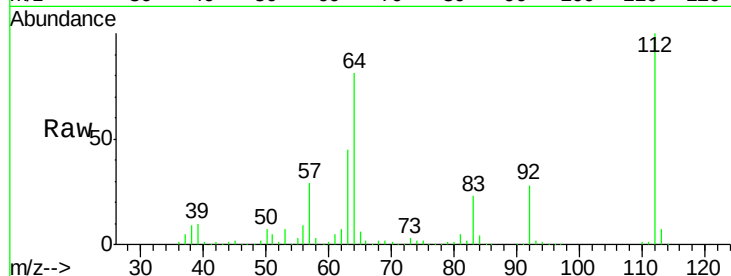
Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

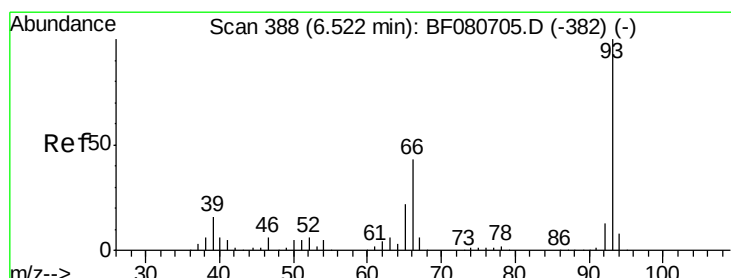
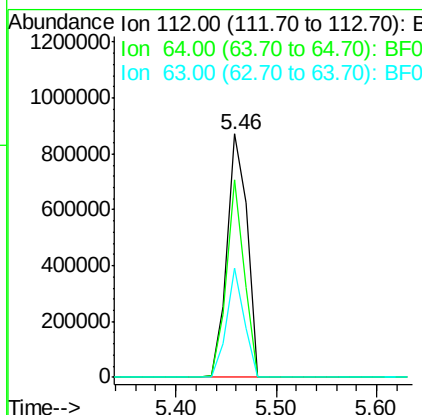
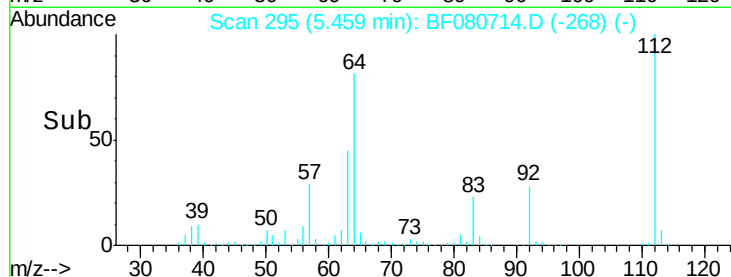
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.3	66.8	100.2
63	44.9	36.7	55.1

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#6

Aniline

Concen: 38.97 ng

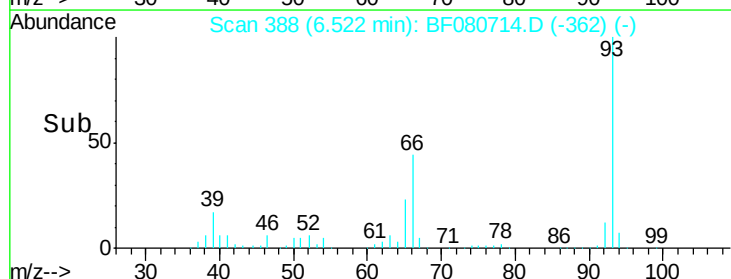
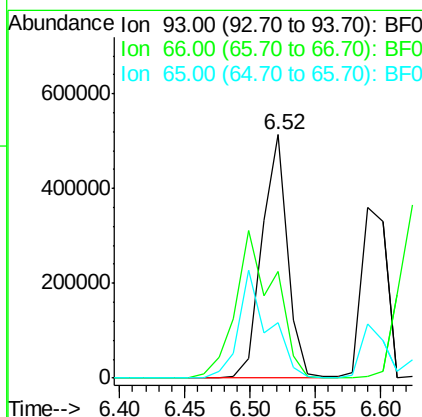
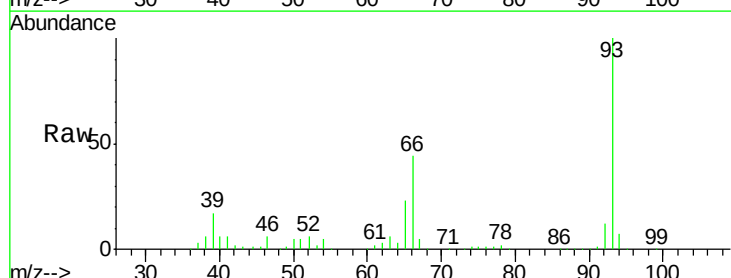
RT: 6.52 min Scan# 388

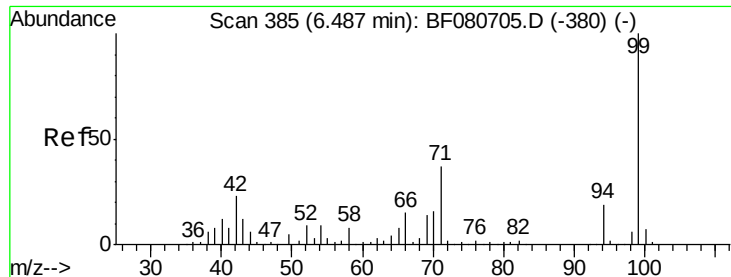
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.6	34.3	51.5
65	22.6	17.6	26.4





#7

Phenol-d6

Concen: 127.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion: 99 Resp: 1599311

Ion Ratio Lower Upper

99 100

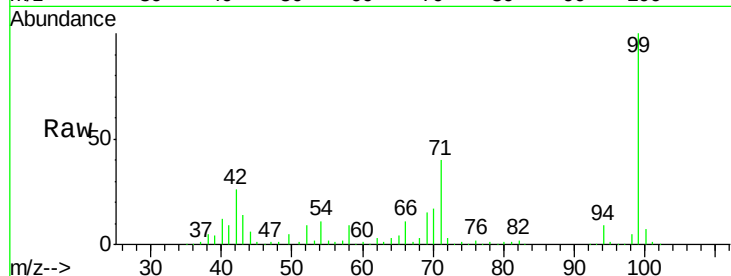
42 25.7 18.2 27.2

71 40.2 29.5 44.3

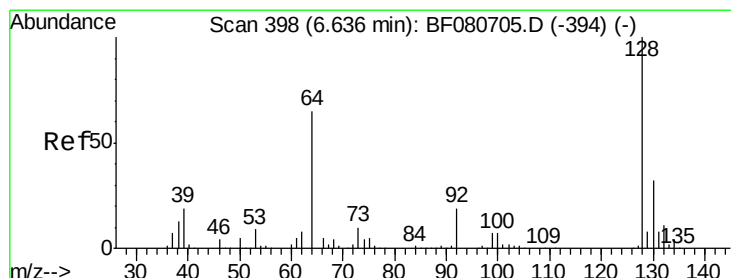
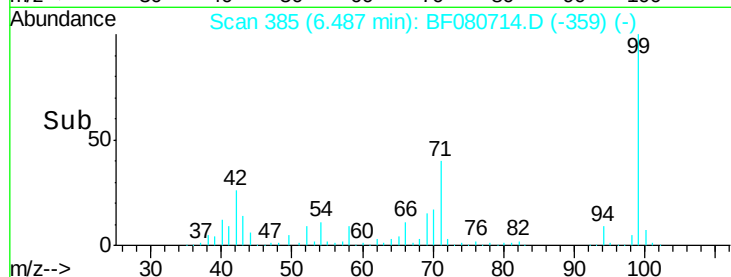
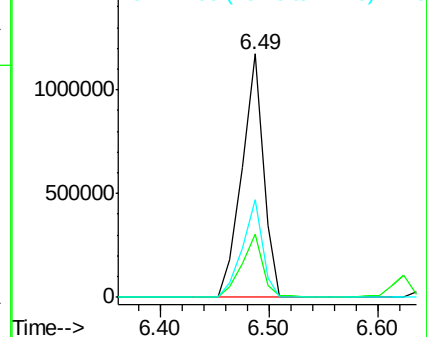
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.23 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

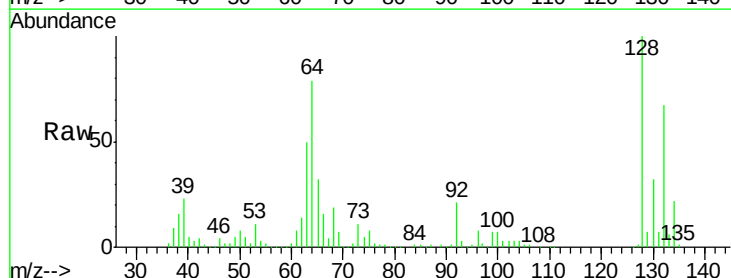
Tgt Ion: 128 Resp: 447907

Ion Ratio Lower Upper

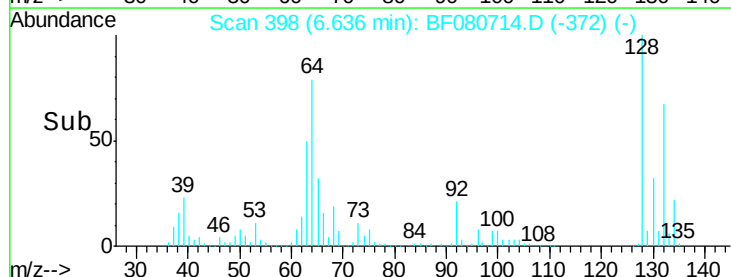
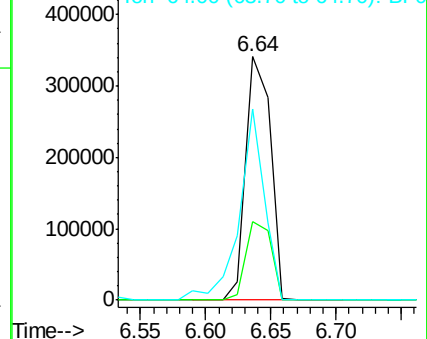
128 100

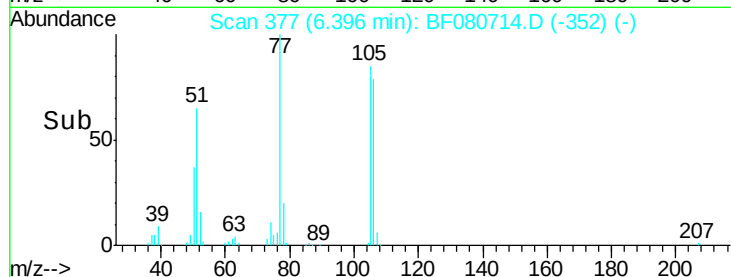
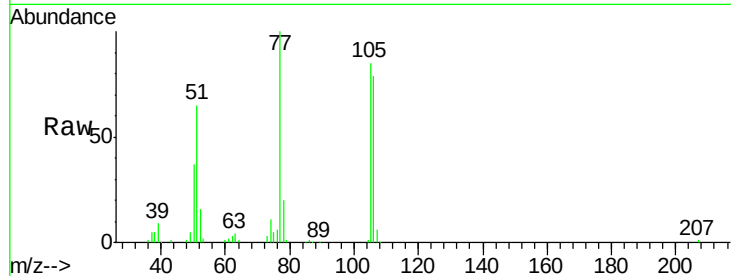
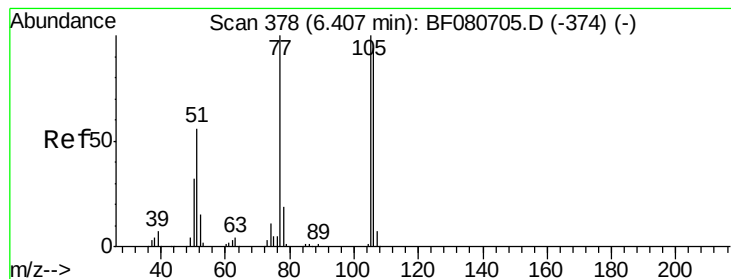
130 32.2 11.7 51.7

64 78.6 48.7 88.7



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





#9

Benzaldehyde

Concen: 12.90 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	77	Resp:	116837
Ion Ratio	Lower	Upper	
77	100		
105	84.9	80.2	120.2
106	78.8	74.2	114.2

Instrument :

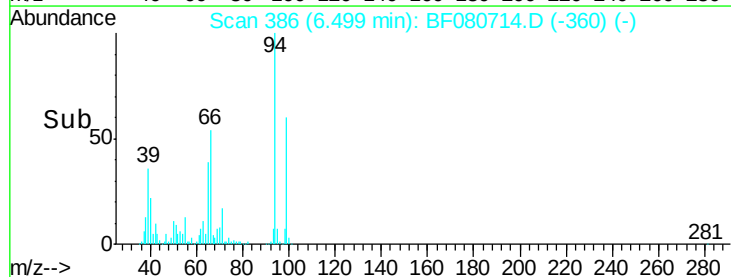
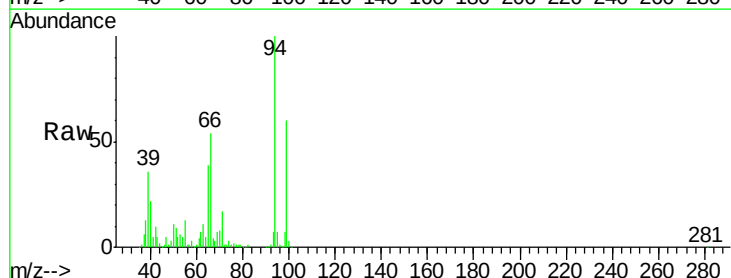
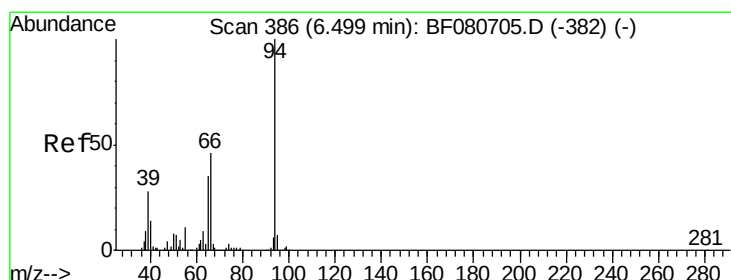
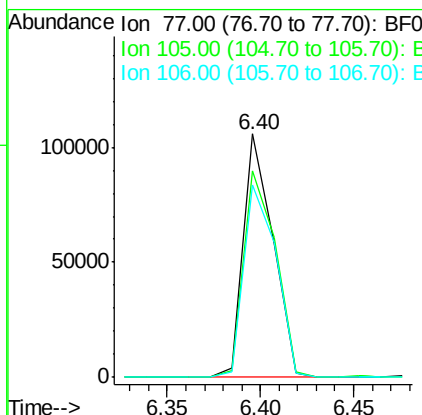
BNA_F

ClientSampleId :

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Manual Integrations
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#10

Phenol

Concen: 39.88 ng

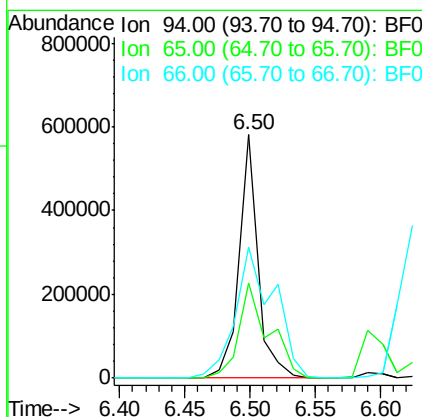
RT: 6.50 min Scan# 386

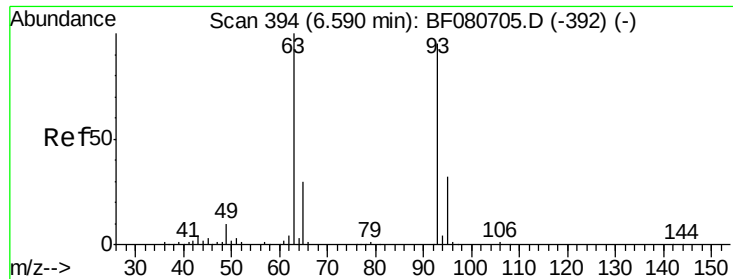
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	94	Resp:	580744
Ion Ratio	Lower	Upper	
94	100		
65	39.2	14.7	54.7
66	53.8	25.9	65.9





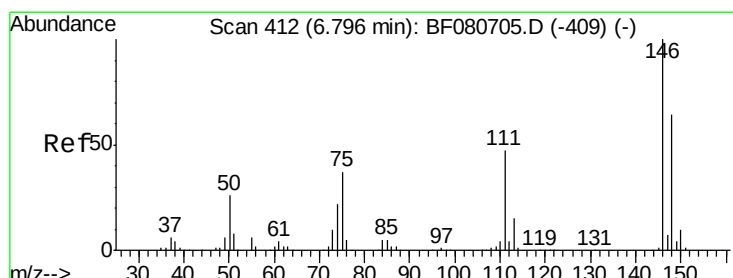
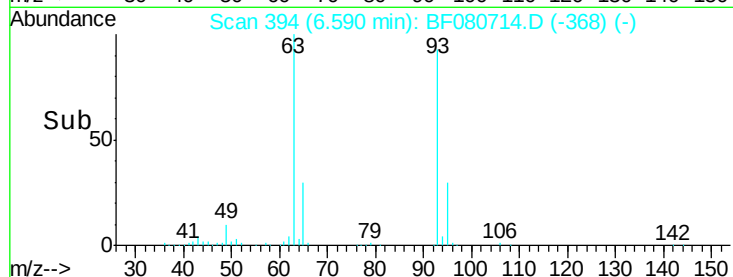
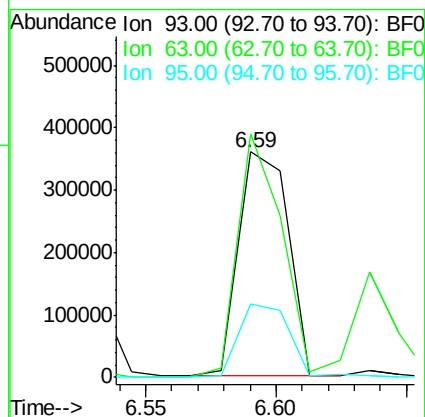
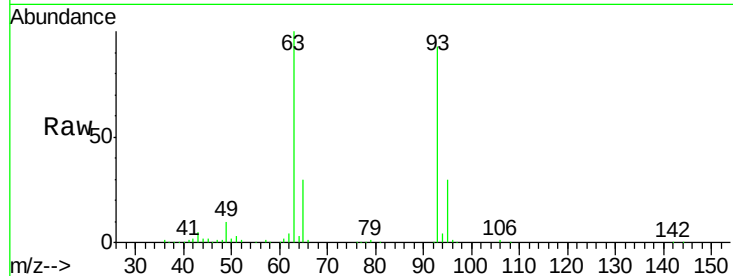
#11
bis(2-Chloroethyl)ether
Concen: 45.87 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	477131		
63	108.0	85.3	125.3	
95	32.3	13.3	53.3	

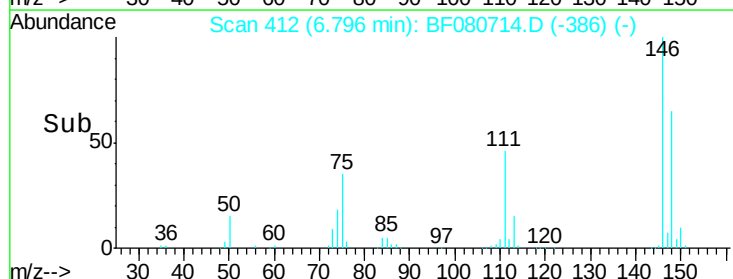
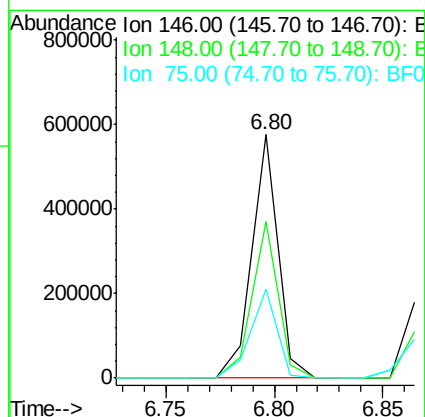
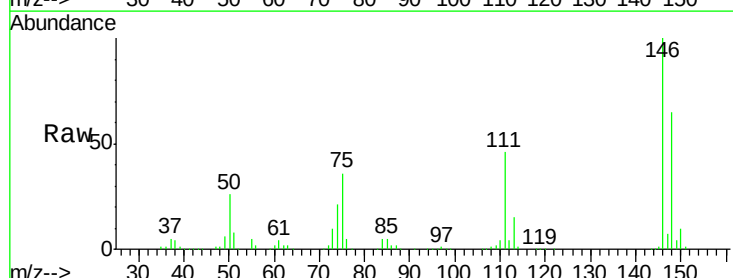
Manual Integrations
APPROVED

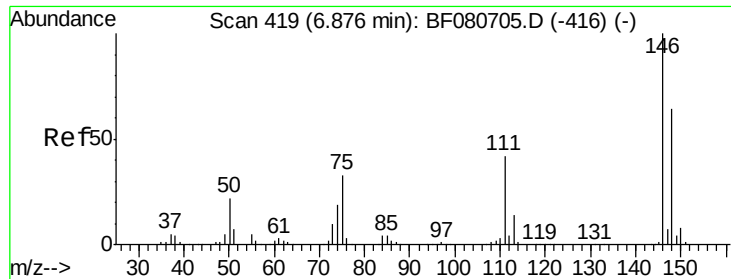
MMDadoda
7/31/2015 11:22:37 AM



#12
1,3-Dichlorobenzene
Concen: 41.73 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	481258		
148	64.5	51.0	76.6	
75	36.2	29.4	44.0	





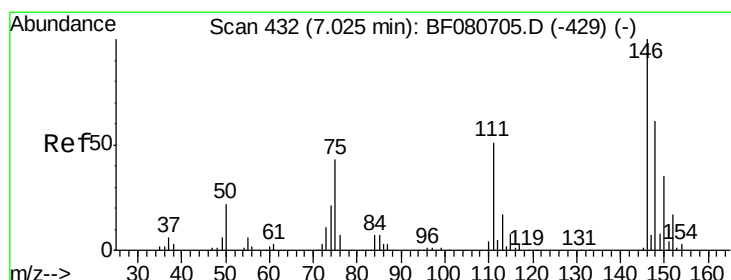
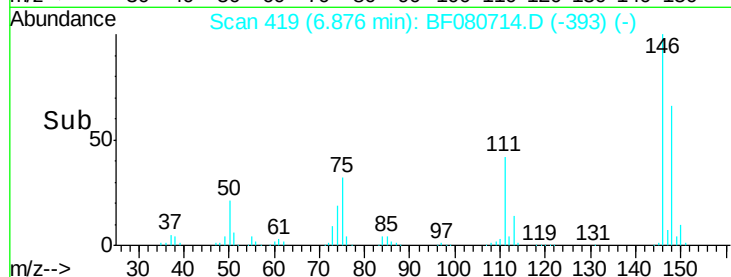
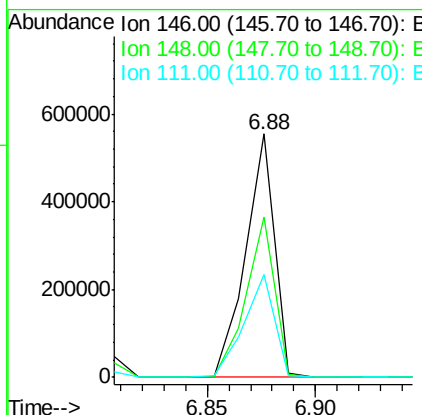
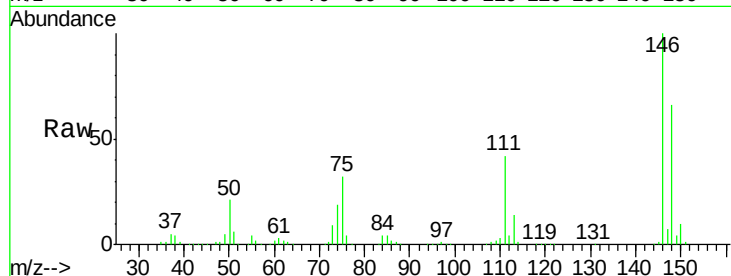
#13
 1,4-Dichlorobenzene
 Concen: 43.40 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	42.4	33.8	50.6

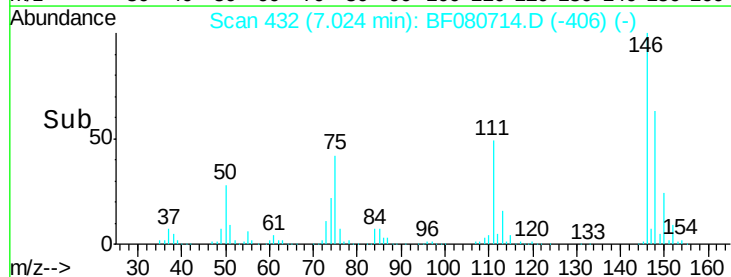
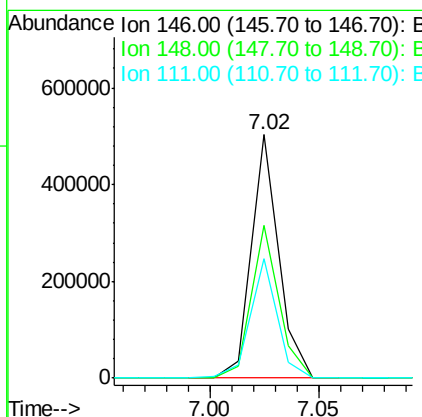
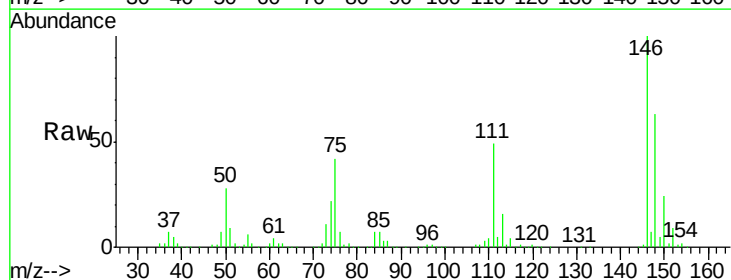
Manual Integrations
 APPROVED

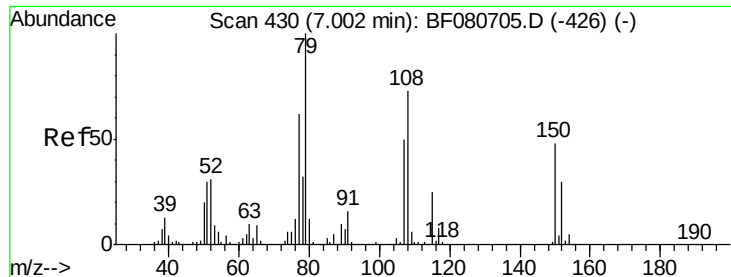
MMDadoda
 7/31/2015 11:22:37 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.84 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.2	73.8
111	49.0	41.0	61.4





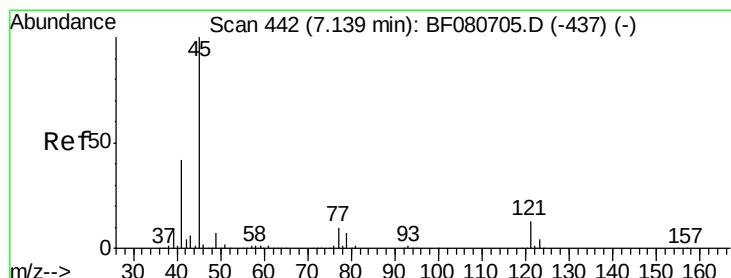
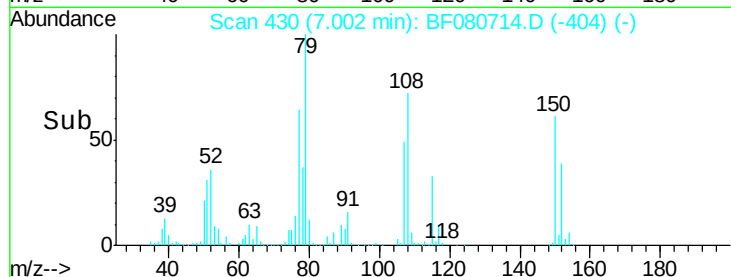
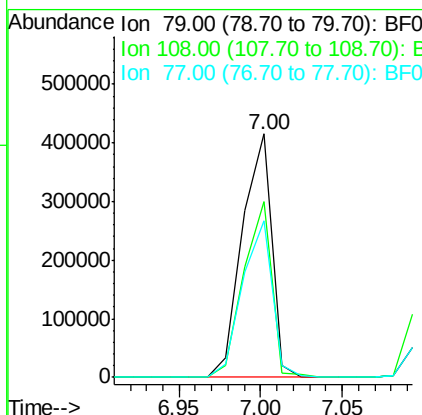
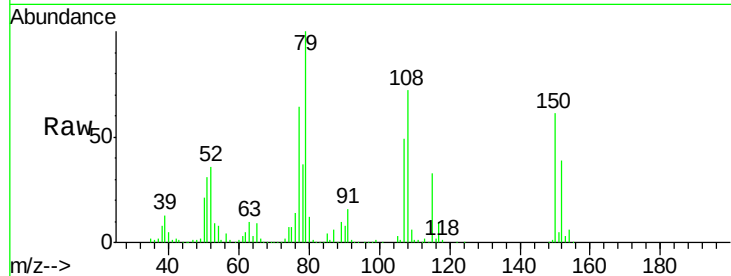
#15
Benzyl Alcohol
Concen: 49.74 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion: 79 Resp: 519801
Ion Ratio Lower Upper
79 100
108 72.0 58.7 88.1
77 64.2 49.8 74.8

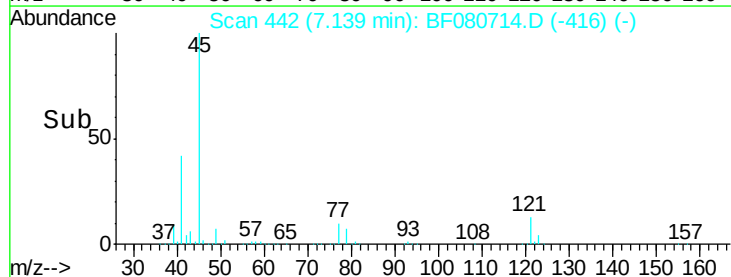
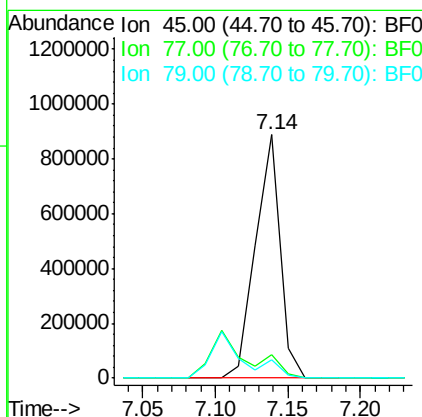
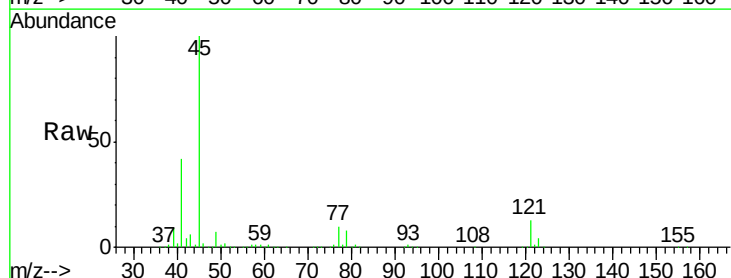
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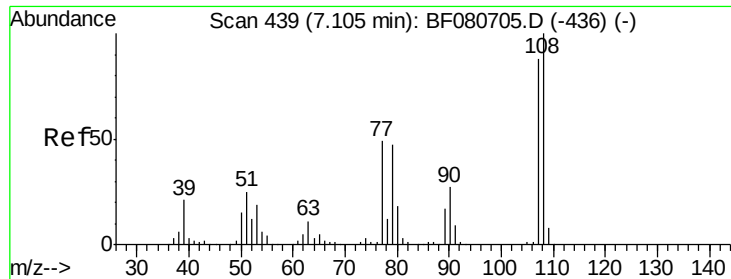
MMDadoda
7/31/2015 11:22:37 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.06 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion: 45 Resp: 1045808
Ion Ratio Lower Upper
45 100
77 9.9 0.0 29.9
79 7.6 0.0 27.4





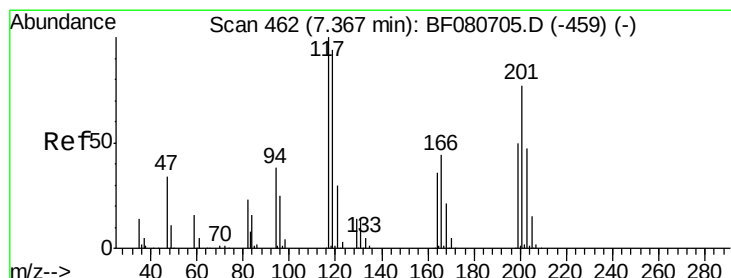
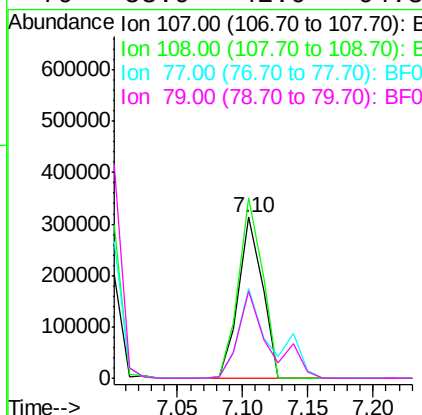
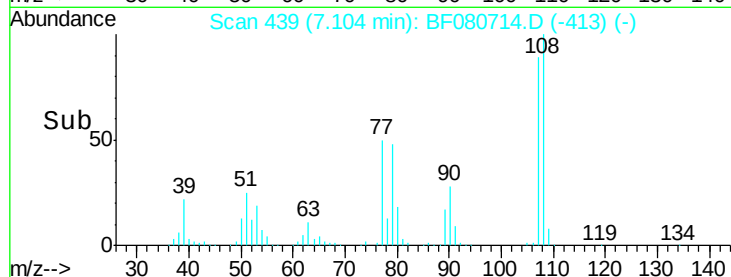
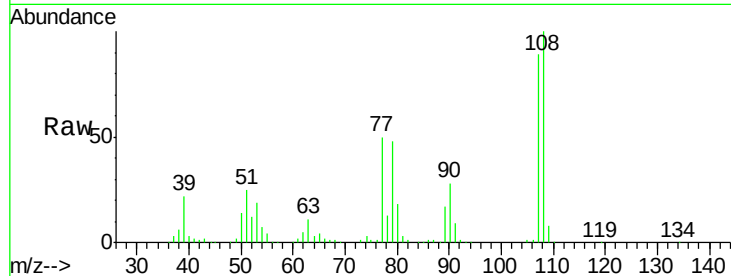
#17
2-Methylphenol
Concen: 46.84 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	398356		
108	111.9	90.8	136.2	
77	55.7	44.6	67.0	
79	53.9	42.9	64.3	

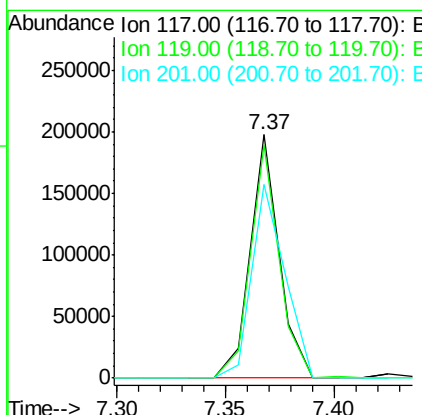
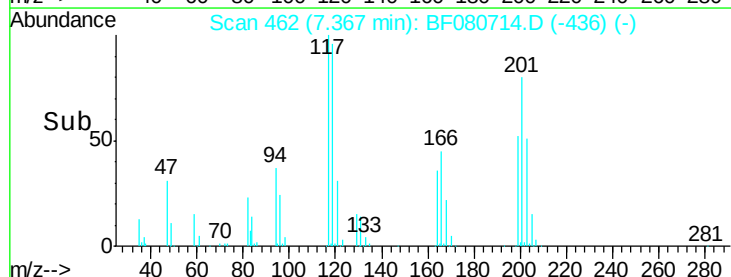
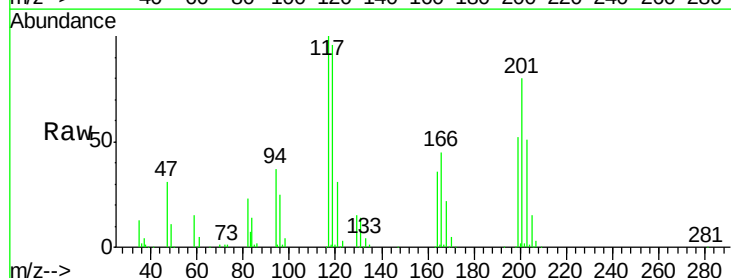
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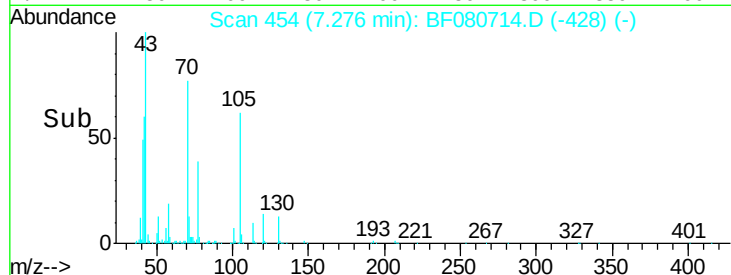
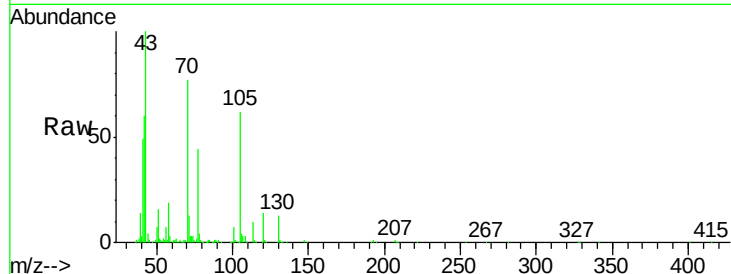
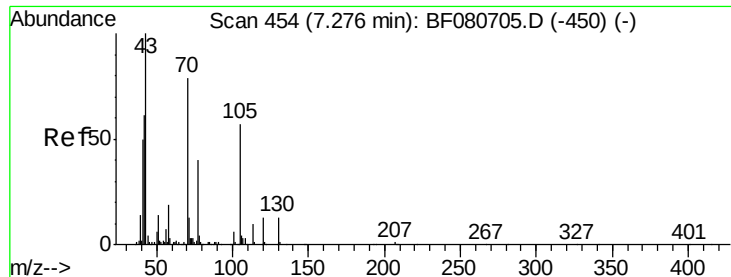
MMDadoda
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#18
Hexachloroethane
Concen: 41.49 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	182212		
119	95.6	74.9	112.3	
201	79.7	61.5	92.3	





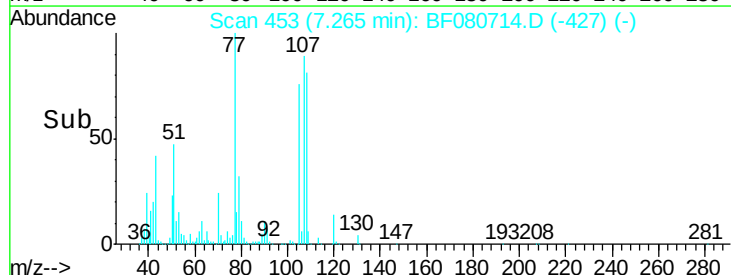
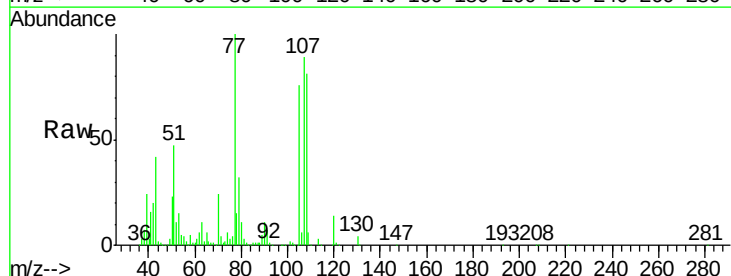
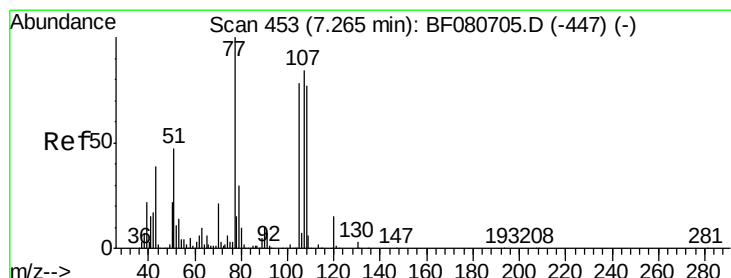
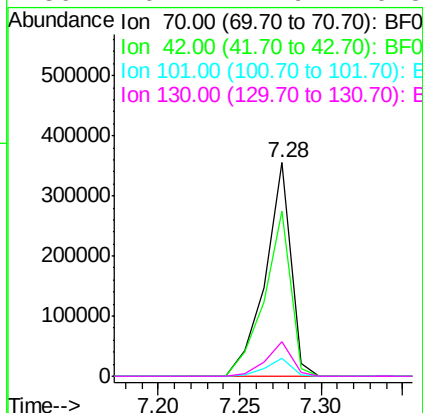
#19
n-Nitroso-di-n-propylamine
Concen: 45.77 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Manual Integrations
APPROVED

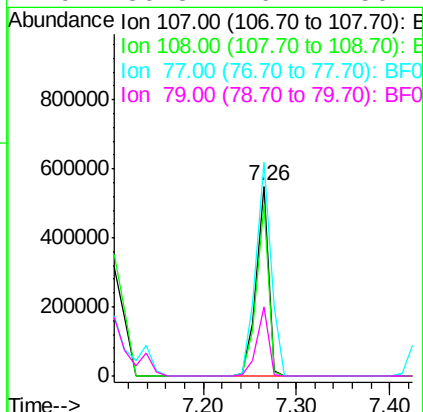
MMDadoda
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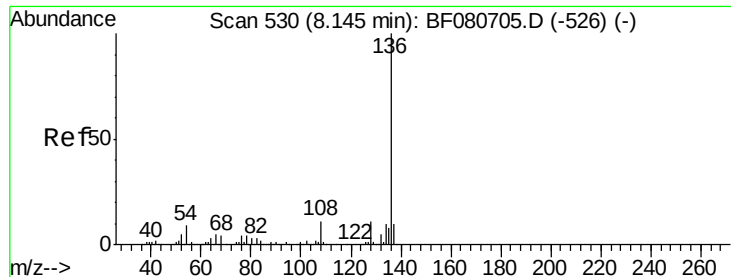
Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.0	61.8	92.6
101	8.5	6.1	9.1
130	16.4	12.9	19.3



#20
3+4-Methylphenols
Concen: 47.27 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.8	111.8
77	112.6	99.8	139.8
79	36.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

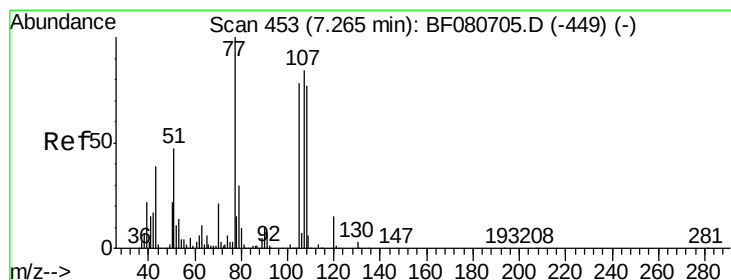
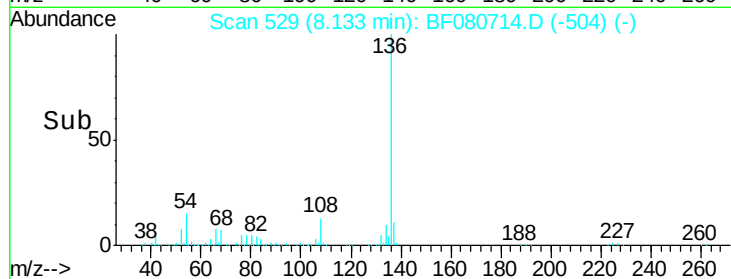
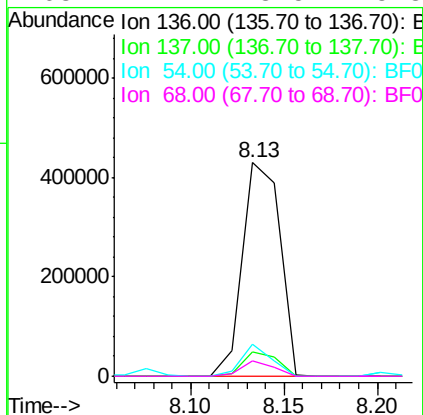
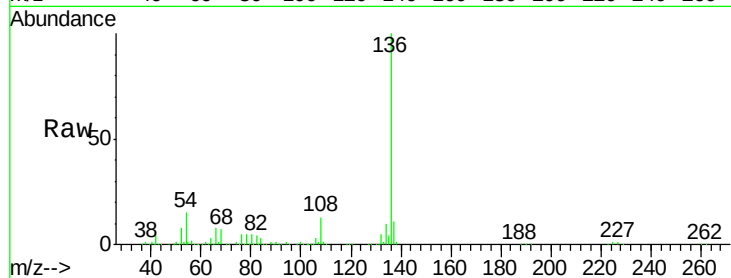
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.4	12.6
54	15.2	6.9	10.3#
68	7.4	3.5	5.3#

Manual Integrations
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MMDadoda
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#22

Acetophenone

Concen: 43.97 ng

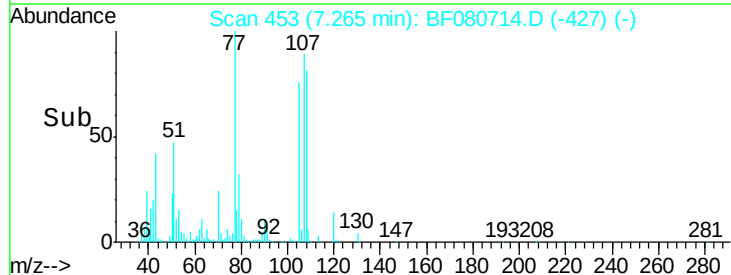
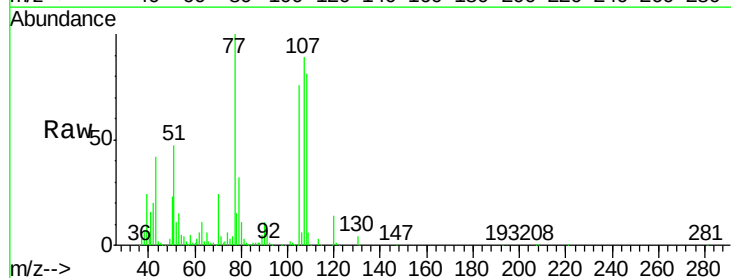
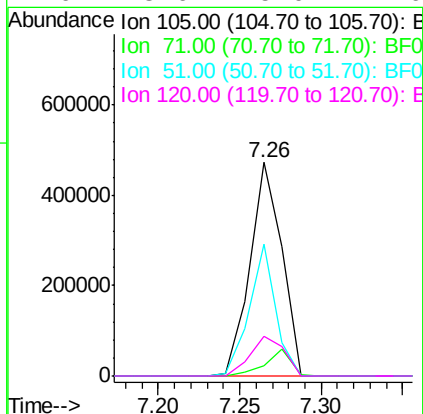
RT: 7.26 min Scan# 453

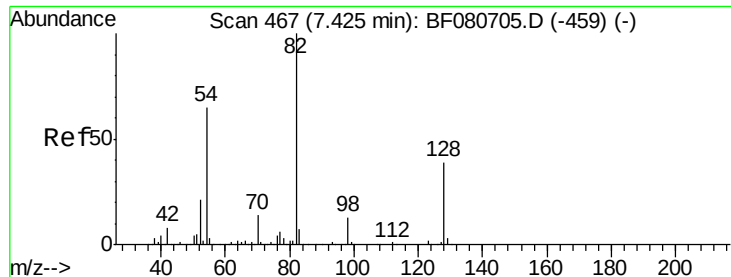
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	3.4	5.0#
51	61.6	47.9	71.9
120	18.6	15.0	22.6





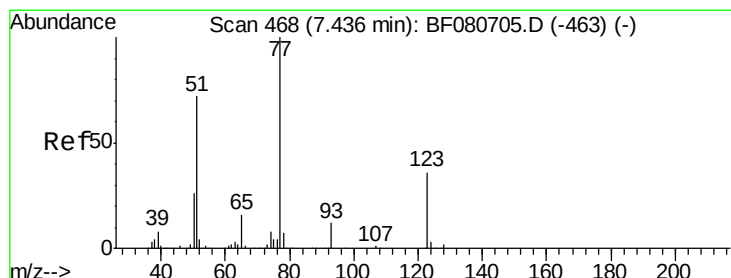
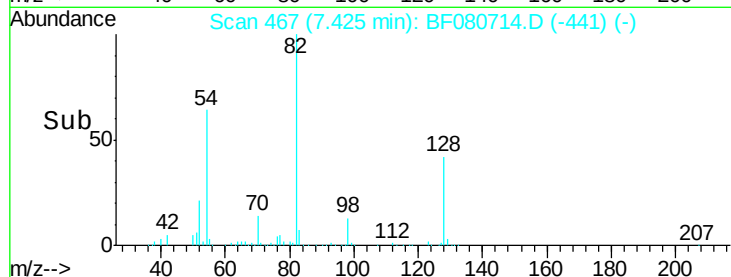
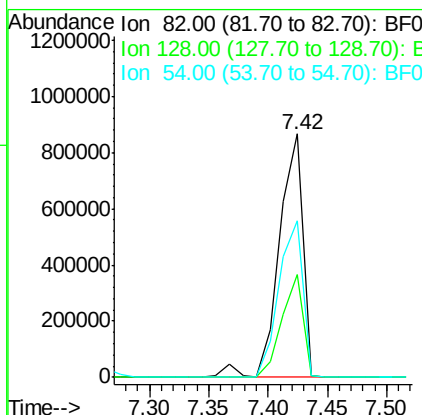
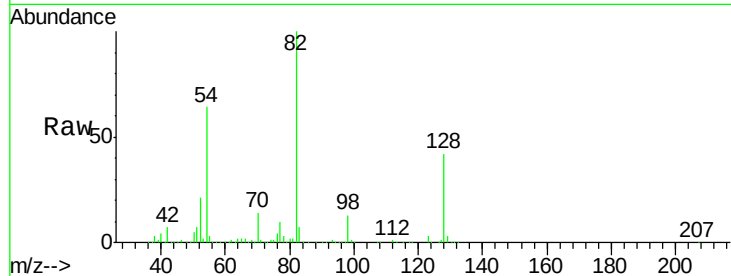
#23
Nitrobenzene-d5
Concen: 96.03 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion: 82 Resp: 1187804
Ion Ratio Lower Upper
82 100
128 42.1 31.5 47.3
54 64.1 51.8 77.8

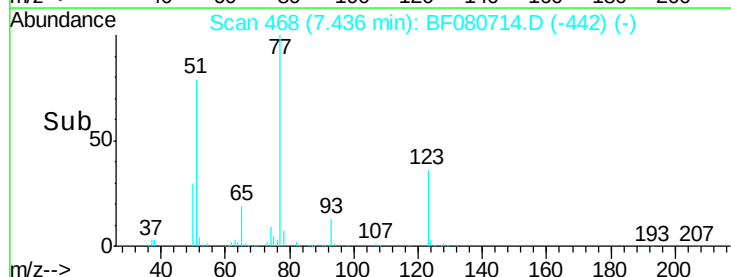
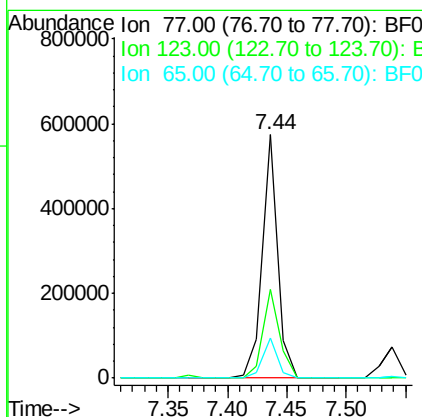
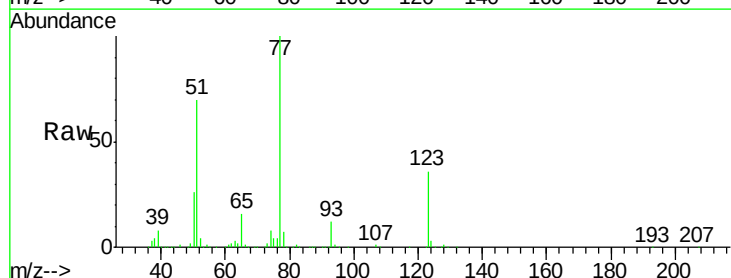
Manual Integrations
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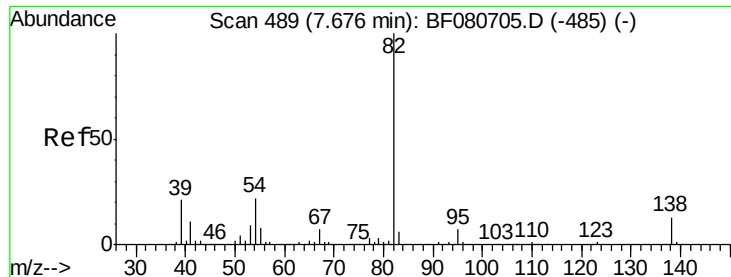
MMDadoda
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#24
Nitrobenzene
Concen: 42.11 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion: 77 Resp: 521916
Ion Ratio Lower Upper
77 100
123 36.5 28.9 43.3
65 16.3 13.0 19.4





#25

Isophorone

Concen: 45.77 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion: 82 Resp: 1006889

Ion Ratio Lower Upper

82 100

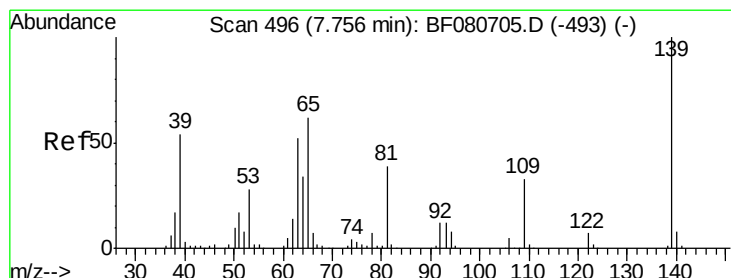
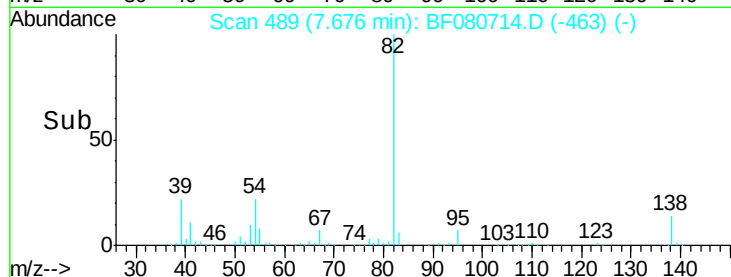
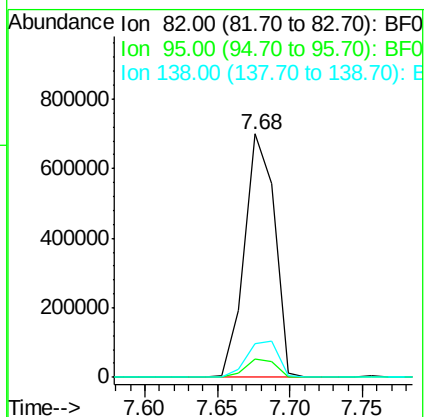
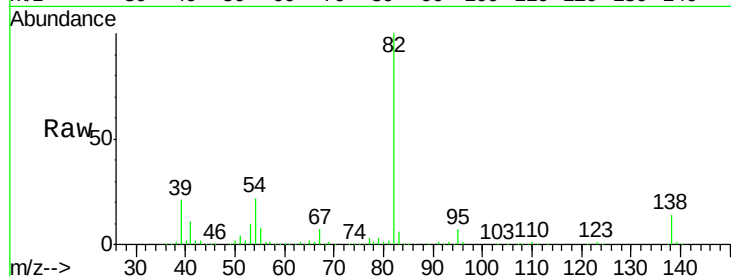
95 7.4 5.8 8.6

138 14.0 10.7 16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.80 ng m

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

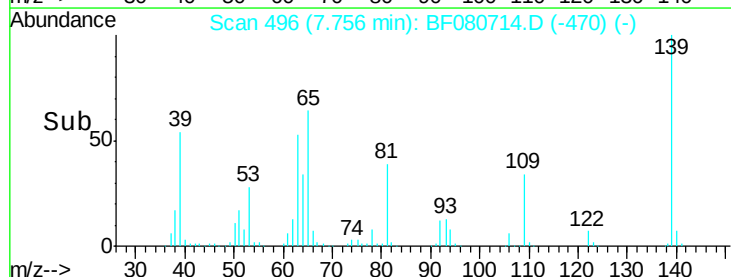
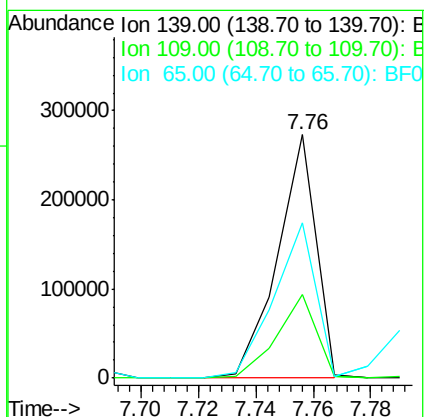
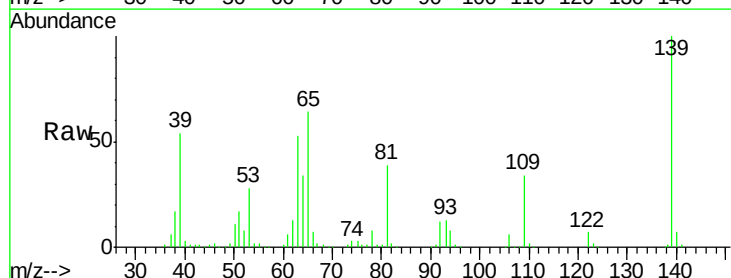
Tgt Ion: 139 Resp: 255537

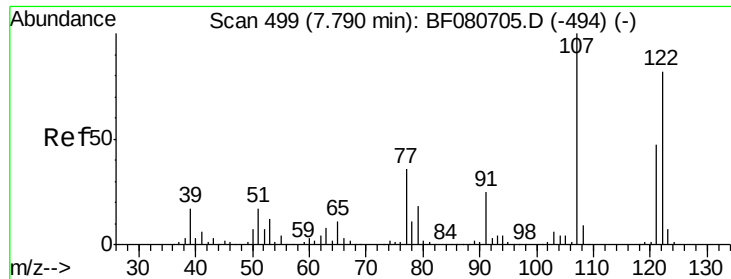
Ion Ratio Lower Upper

139 100

109 34.2 26.5 39.7

65 63.6 49.8 74.8





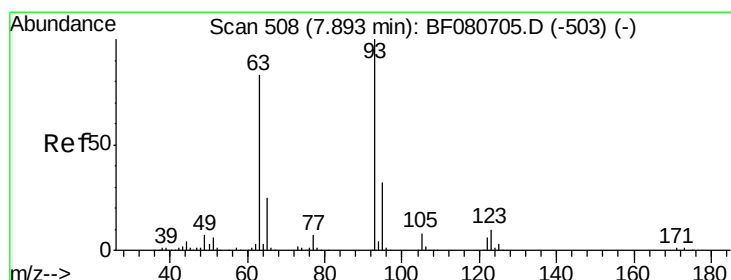
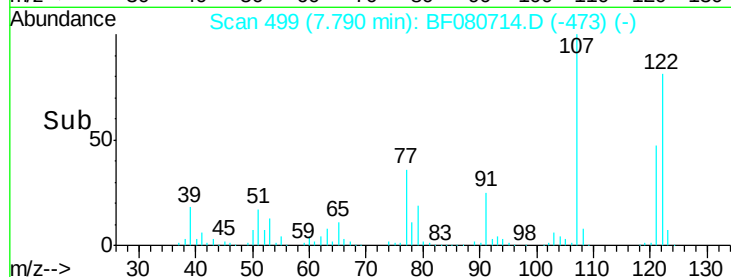
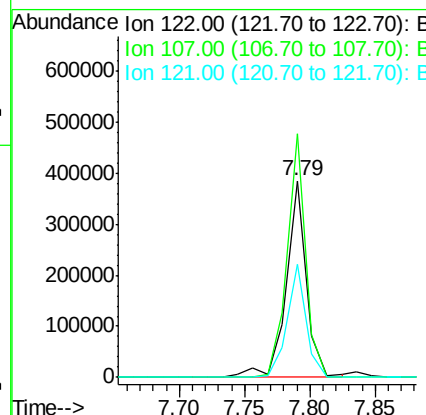
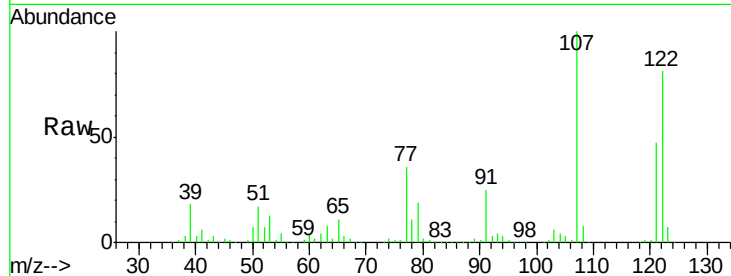
#27
 2,4-Dimethylphenol
 Concen: 44.01 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	415877		
107	123.9	98.1	147.1	
121	57.6	45.8	68.8	

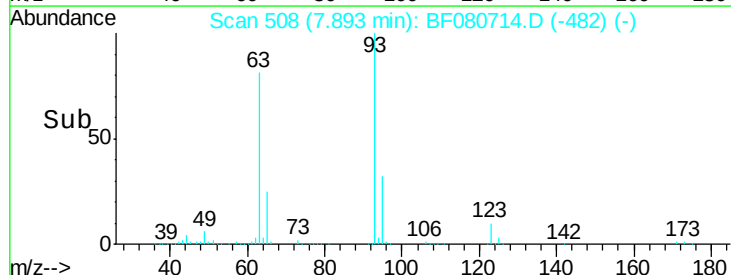
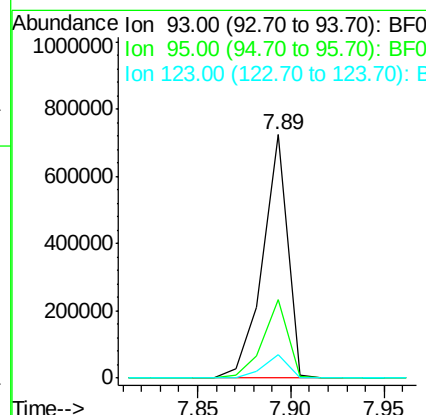
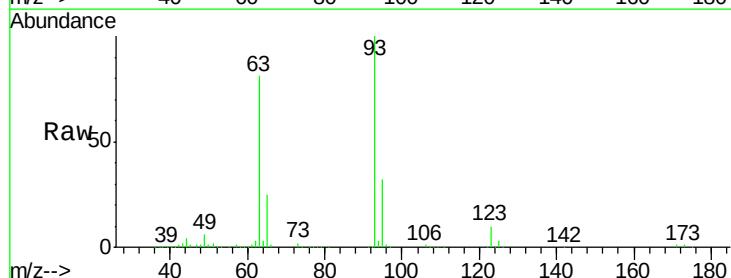
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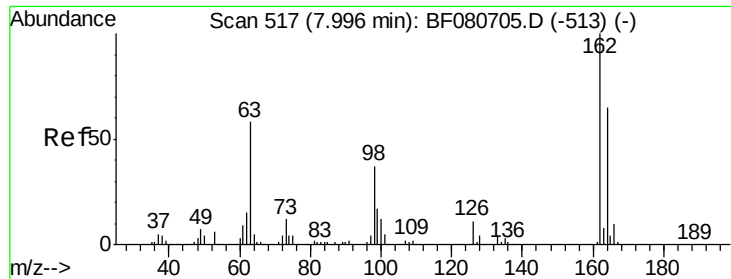
MMDadoda
 7/31/2015 11:22:37 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.21 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	667308		
95	32.3	26.0	39.0	
123	9.5	8.2	12.4	





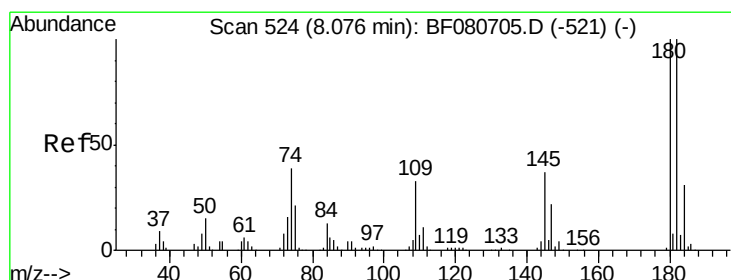
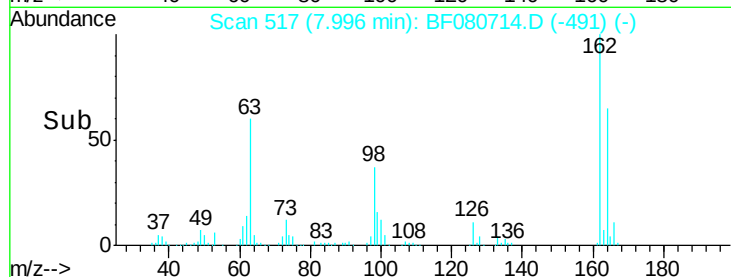
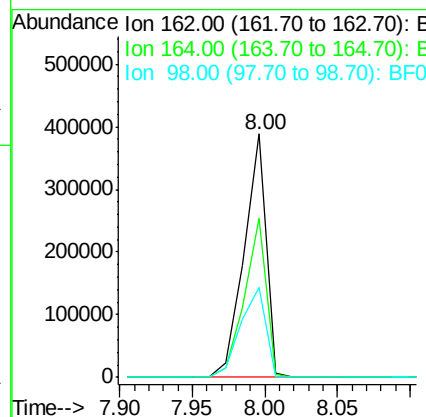
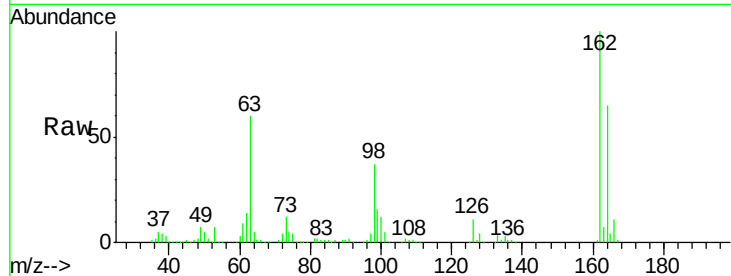
#29
2,4-Dichlorophenol
Concen: 48.87 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	410496		
164	65.4	45.1	85.1	
98	37.2	17.0	57.0	

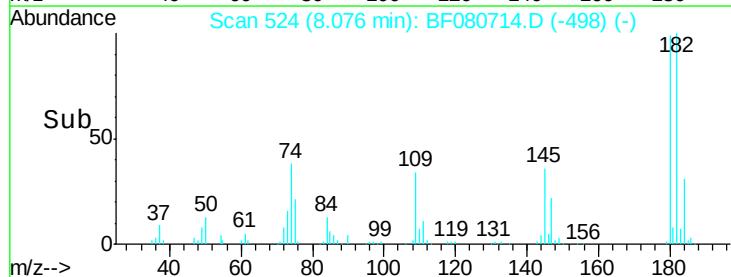
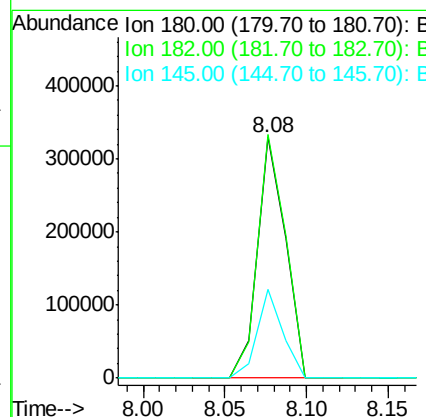
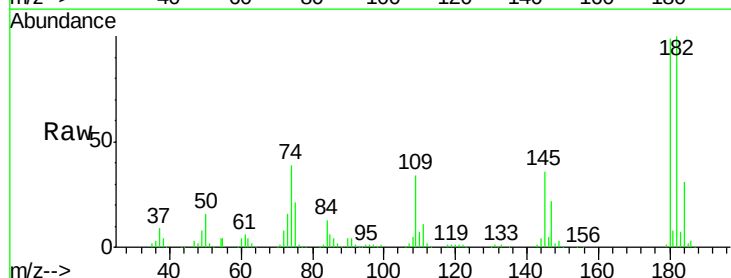
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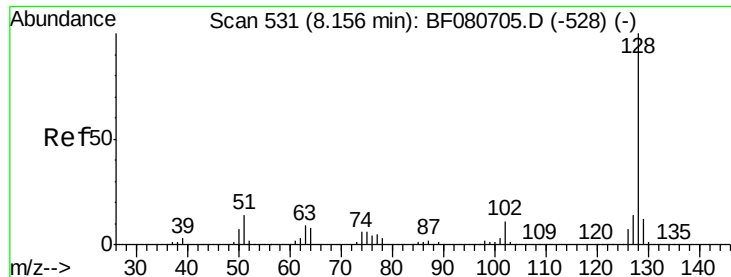
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 42.85 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392542		
182	101.1	79.8	119.8	
145	36.6	29.8	44.6	





#31

Naphthalene

Concen: 42.29 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

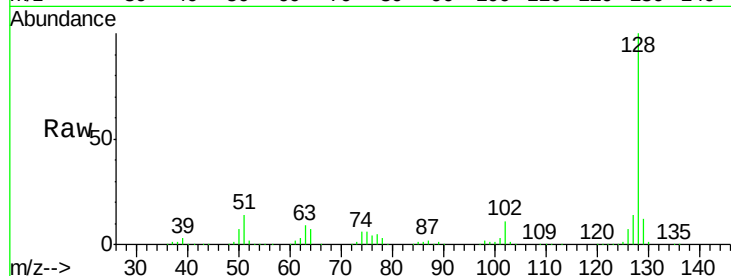
ClientSampleId :

SOUTHEASTWALL3-072915MSD

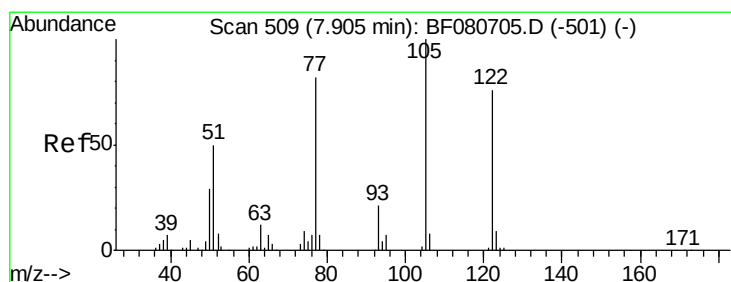
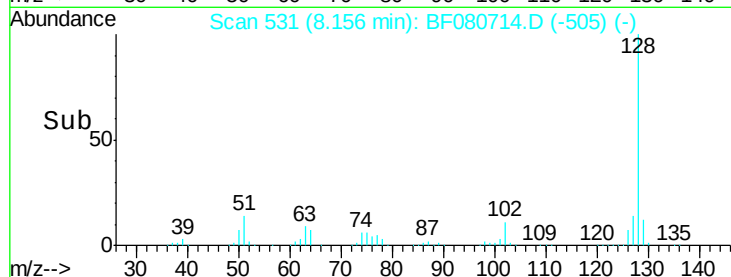
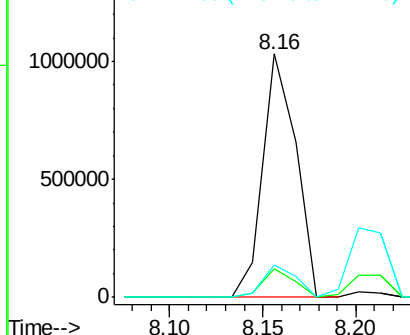
Tgt Ion:	128	Resp:	1264517
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.5	14.3
127	13.5	11.0	16.6

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



#32

Benzoic acid

Concen: 2.47 ng m

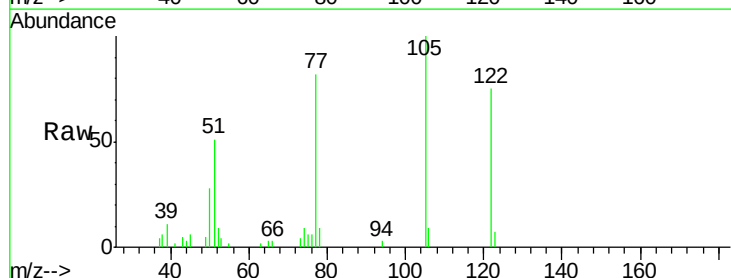
RT: 7.84 min Scan# 503

Delta R.T. -0.07 min

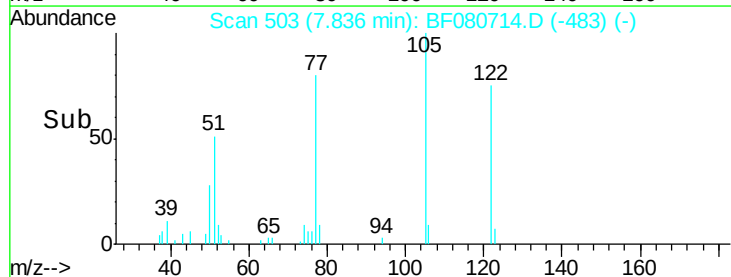
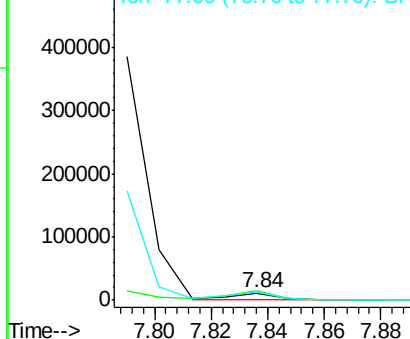
Lab File: BF080714.D

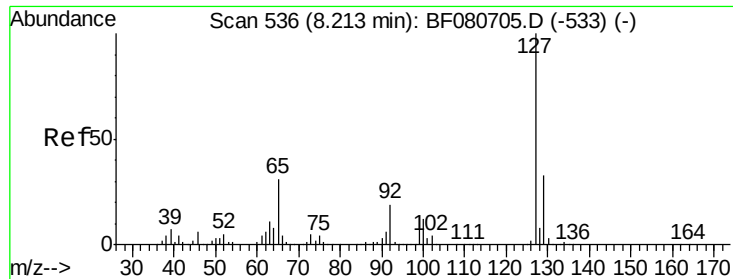
Acq: 31 Jul 2015 2:28

Tgt Ion:	122	Resp:	14324
Ion Ratio	Lower	Upper	
122	100		
105	133.3	111.3	151.3
77	109.4	88.1	128.1



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





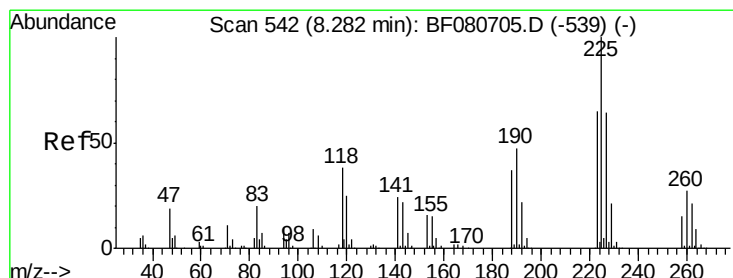
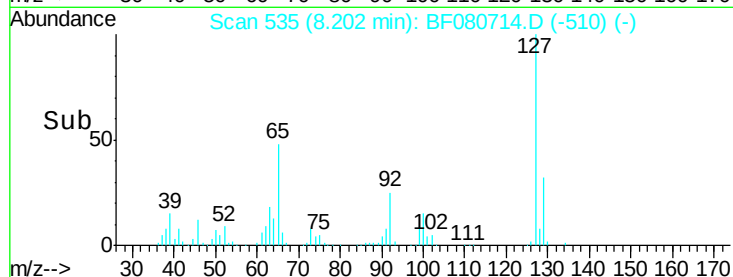
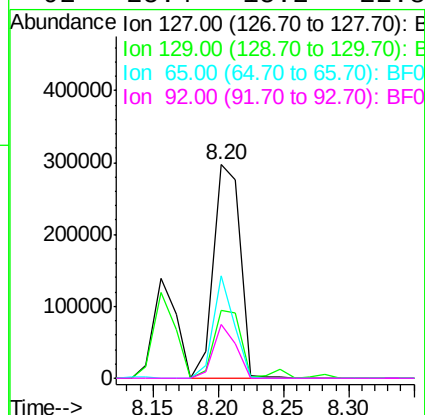
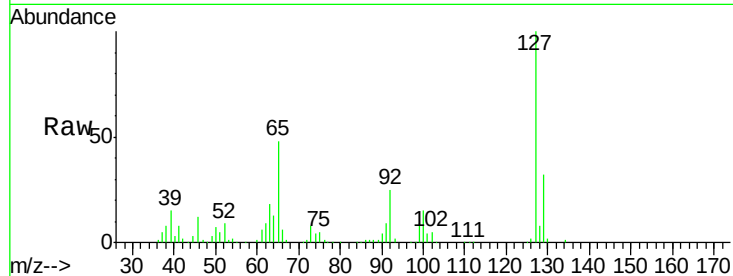
#33
 4-Chloroaniline
 Concen: 33.56 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	26.7	40.1
65	47.9	24.5	36.7
92	25.4	15.2	22.8

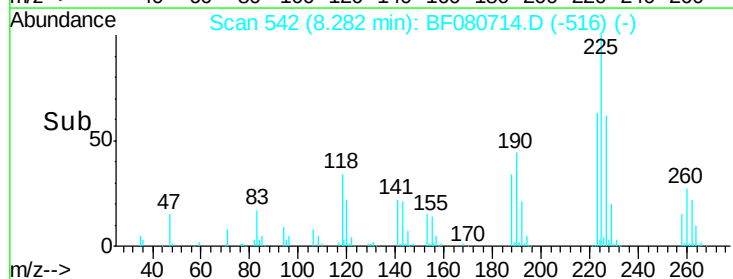
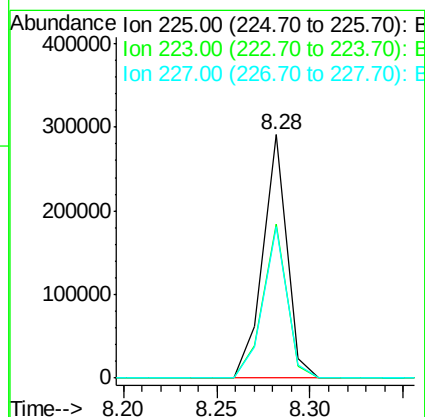
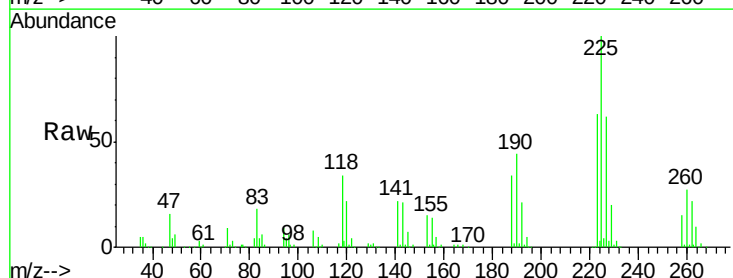
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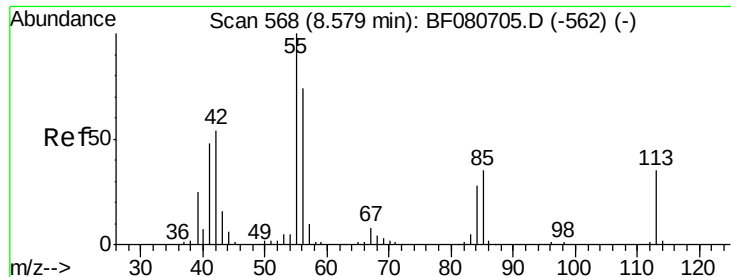
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 7/31/2015 11:22:37 AM



#34
 Hexachlorobutadiene
 Concen: 43.71 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	51.7	77.5
227	62.3	51.0	76.4





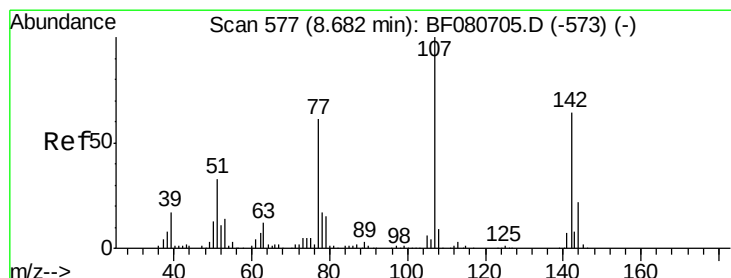
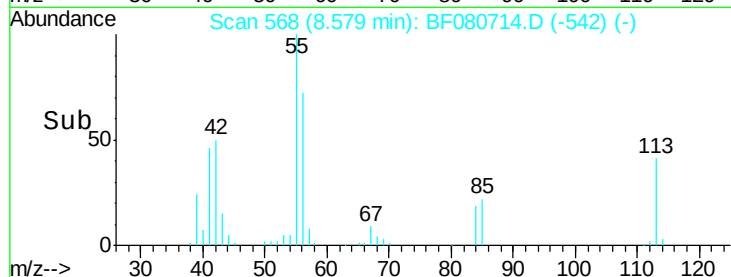
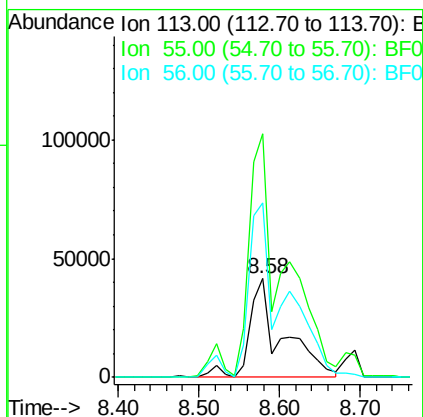
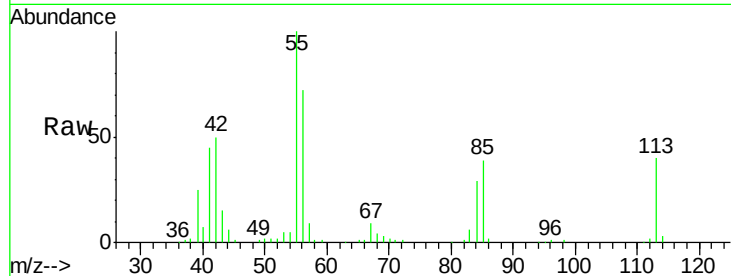
#35
 Caprolactam
 Concen: 46.55 ng m
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	247.2	269.3	309.3#	
56	177.5	193.3	233.3#	

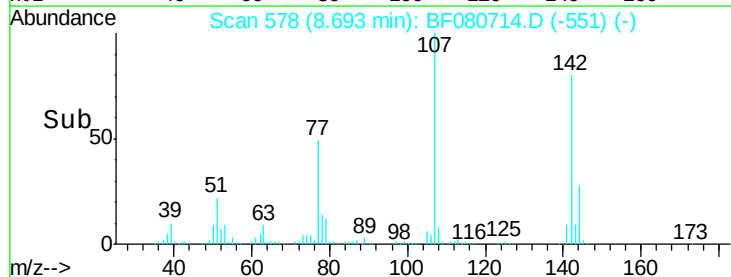
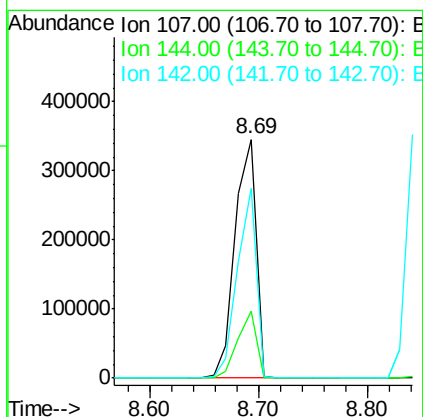
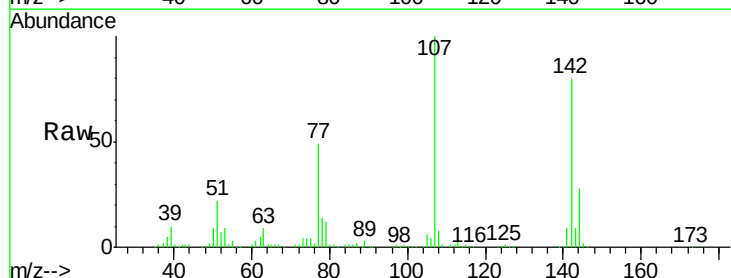
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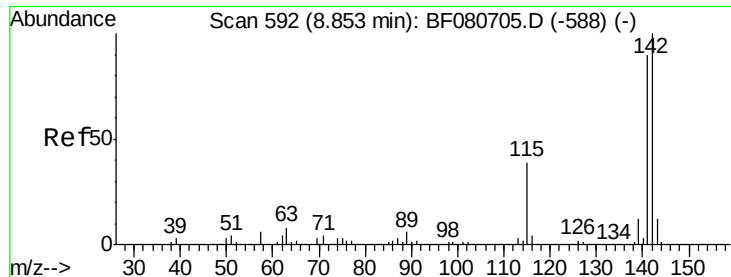
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#36
 4-Chloro-3-methylphenol
 Concen: 50.55 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.0	17.2	25.8#	
142	79.6	51.2	76.8#	





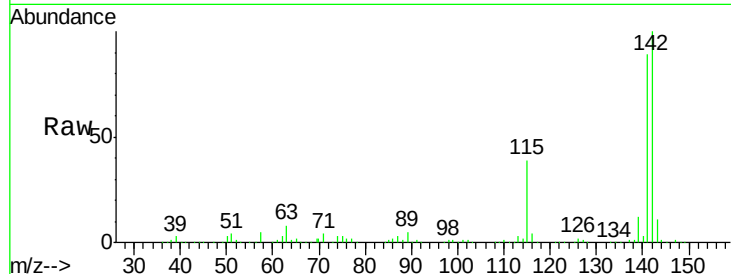
#37
 2-Methylnaphthalene
 Concen: 47.60 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	893312		
141	89.4	71.9	107.9	
115	38.9	31.4	47.2	

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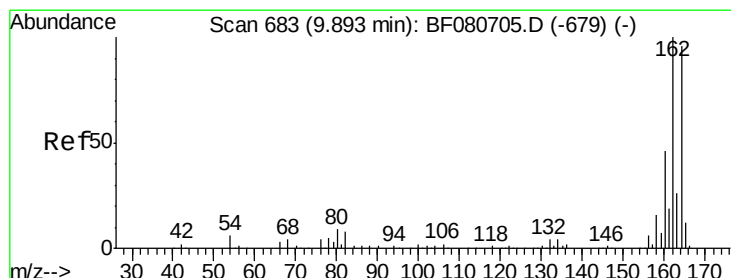
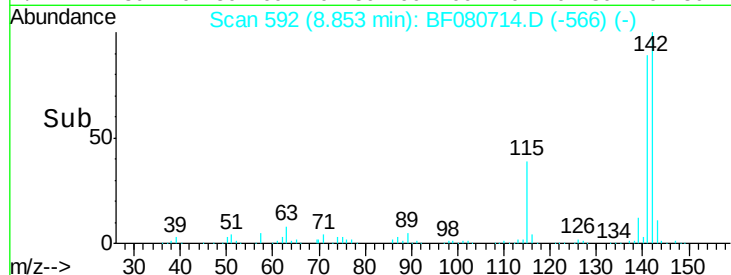
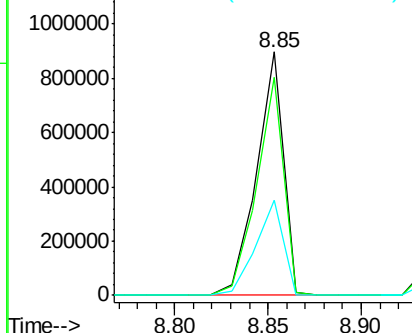


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

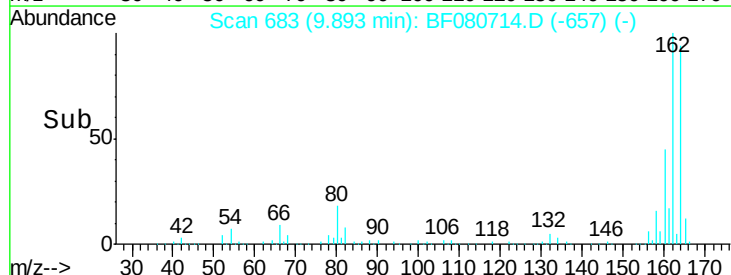
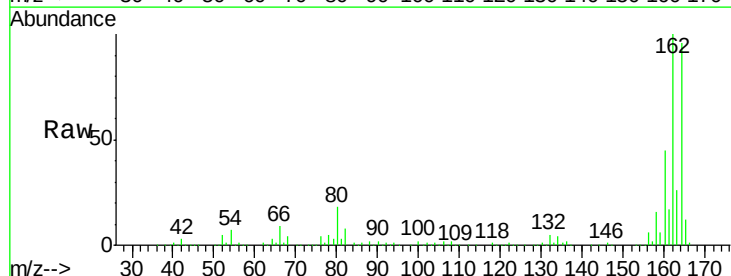
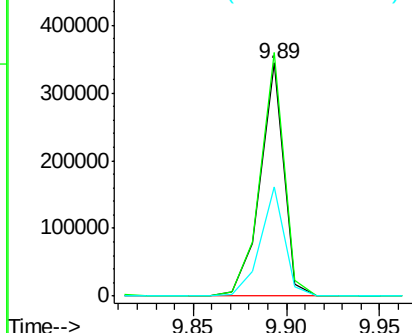
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307177		
162	104.4	83.4	125.0	
160	46.8	38.0	57.0	

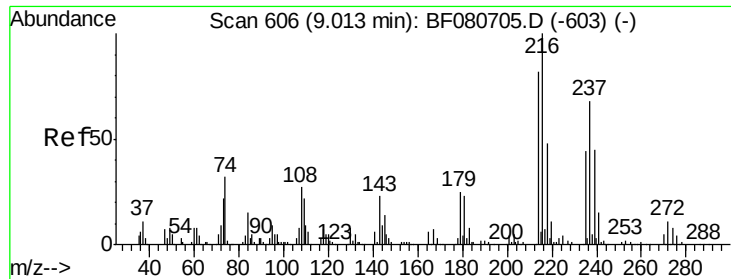
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





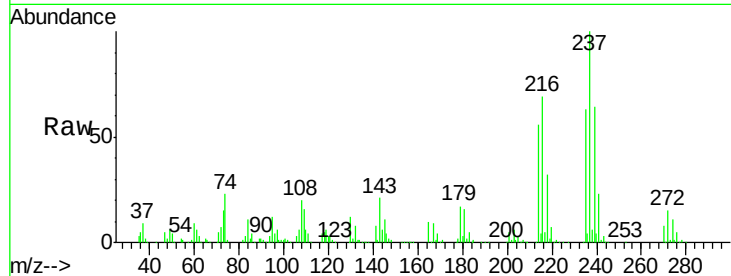
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.19 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

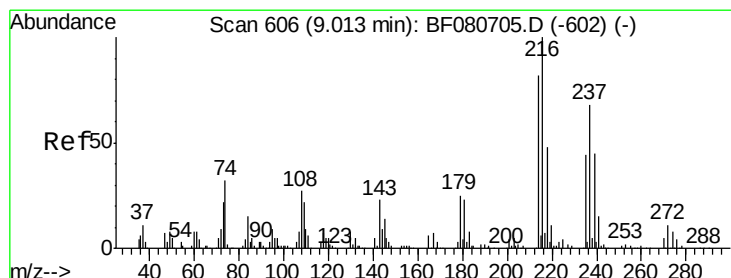
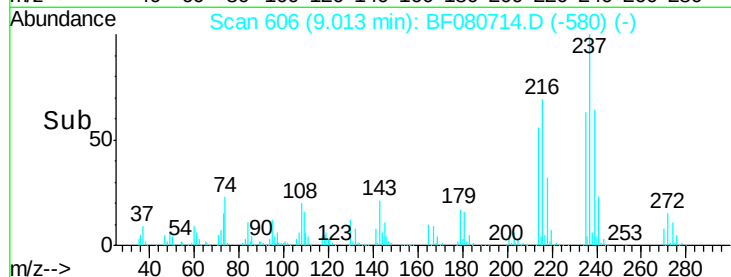
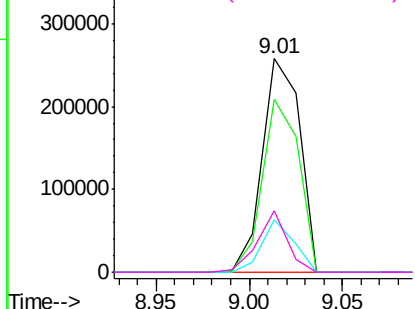
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.1	94.7
179	21.0	16.9	25.3
108	22.7	17.0	25.6

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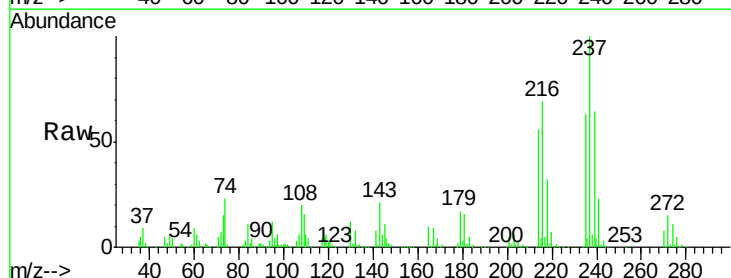


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

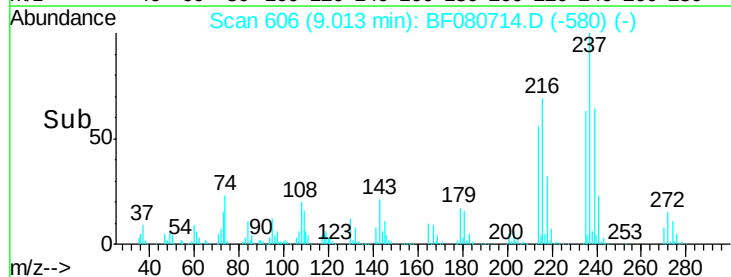
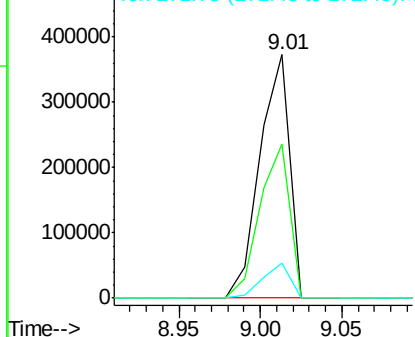


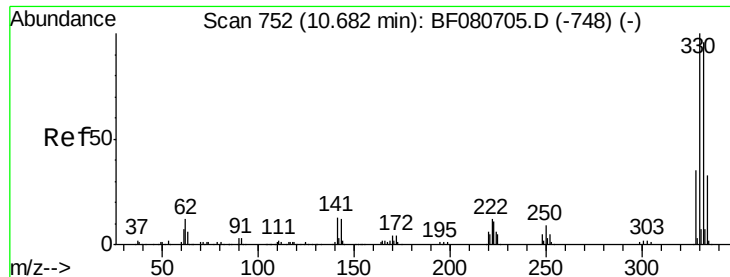
#40
 Hexachlorocyclopentadiene
 Concen: 79.54 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	44.3	84.3
272	14.6	0.0	35.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





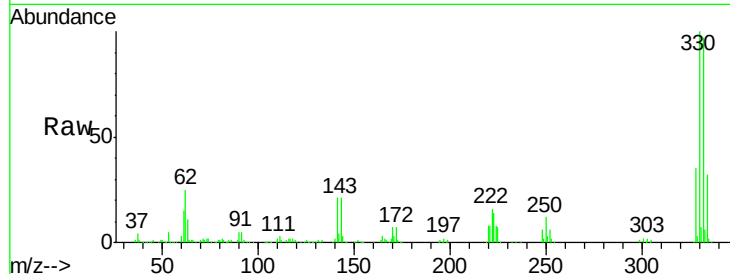
#41
 2,4,6-Tribromophenol
 Concen: 134.33 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

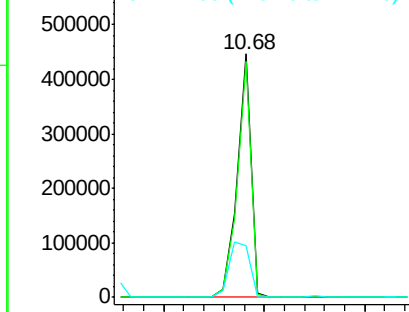
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	428181		
332	96.2	76.6	114.8	
141	34.1	26.0	39.0	

Manual Integrations
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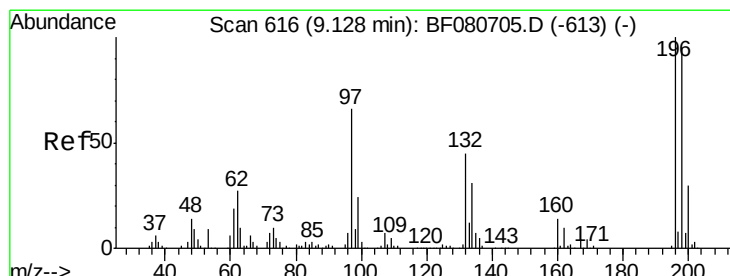
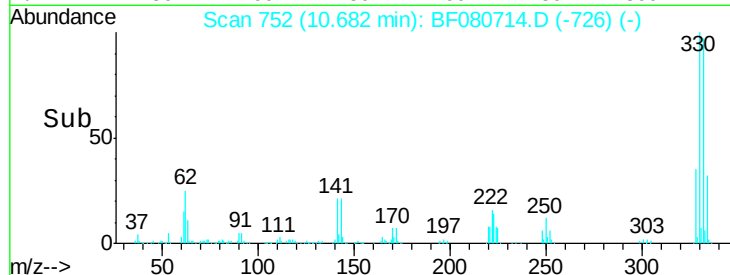
MMDadoda
 7/31/2015 11:22:37 AM



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



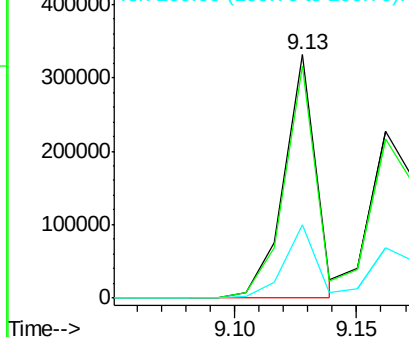
Time-->



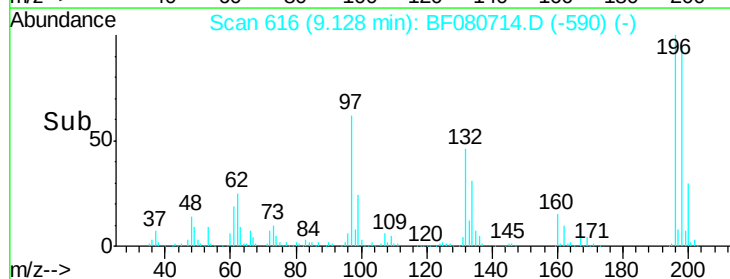
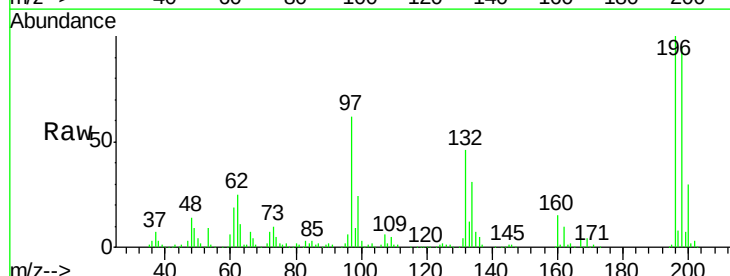
#42
 2,4,6-Trichlorophenol
 Concen: 44.92 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

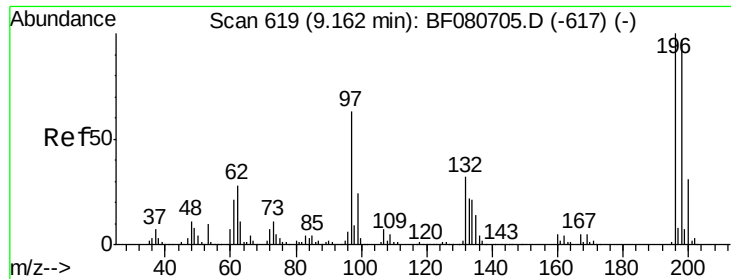
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301439		
198	95.2	75.8	113.8	
200	29.9	24.2	36.2	

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



Time-->





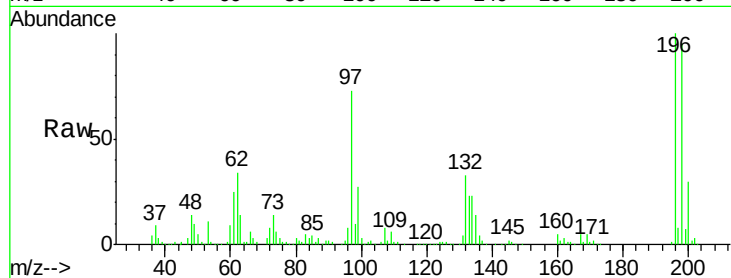
#43
 2,4,5-Trichlorophenol
 Concen: 44.48 ng m
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

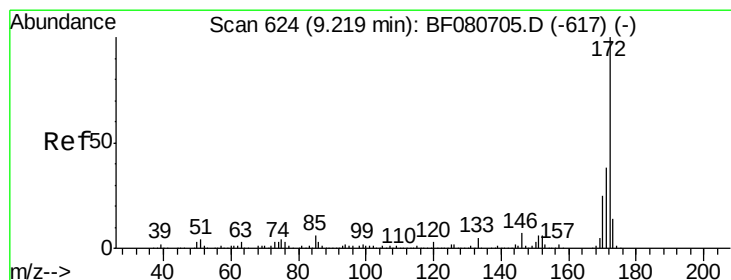
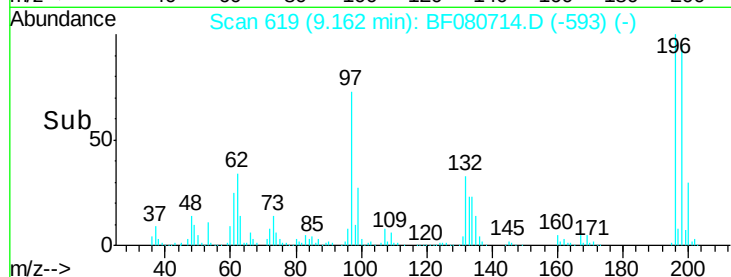
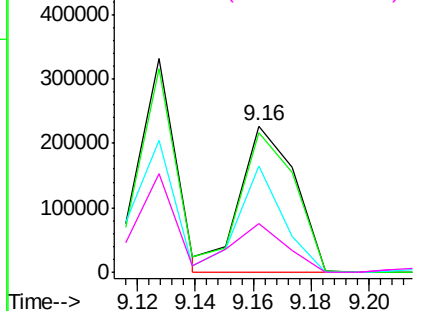
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296084		
198	95.3	77.8	116.8	
97	72.6	49.0	73.4	
132	33.5	25.4	38.0	

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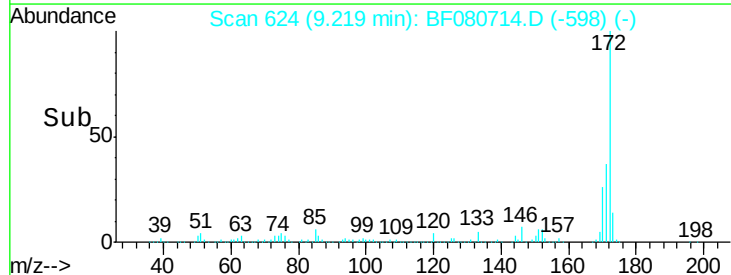
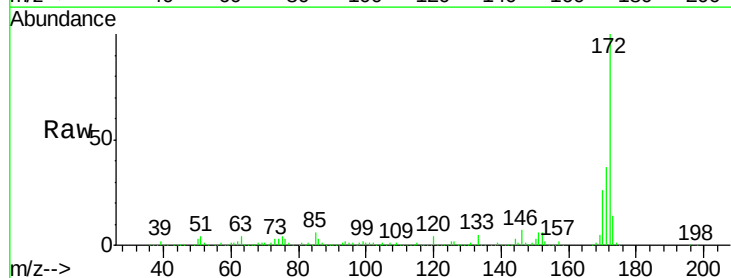
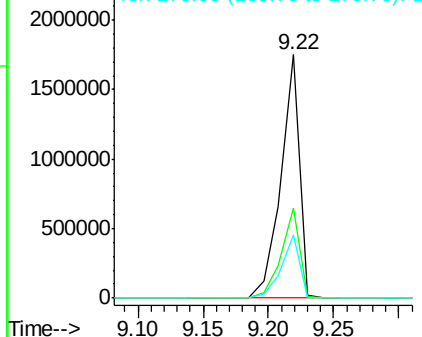
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

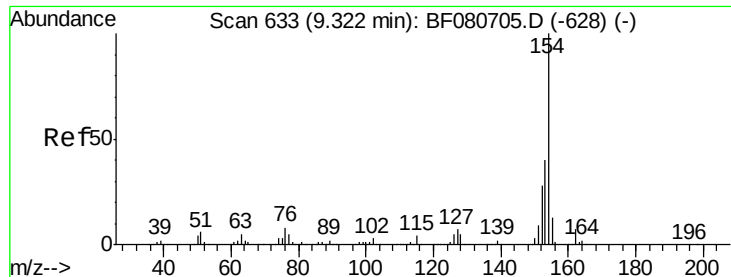


#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1756040		
171	37.2	30.2	45.4	
170	25.9	20.2	30.2	

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





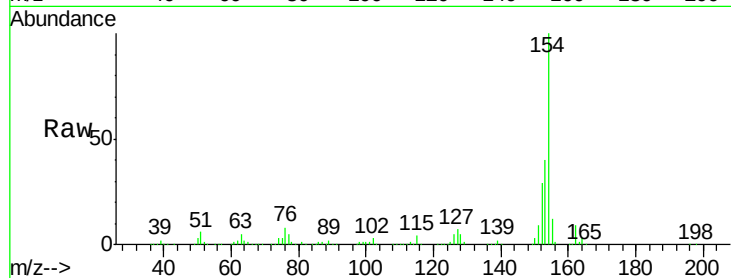
#45
1,1'-Biphenyl
Concen: 42.67 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

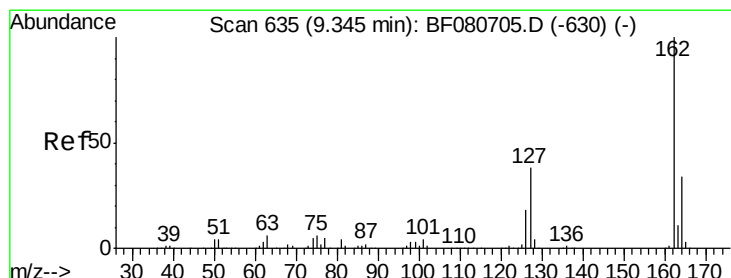
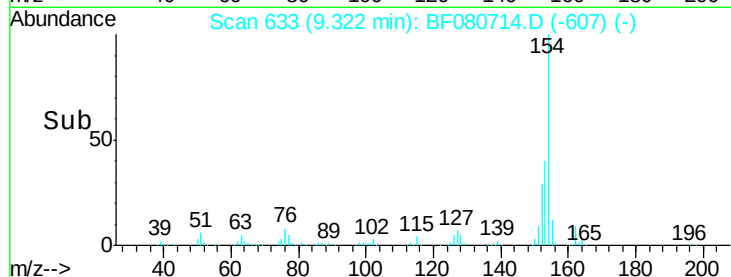
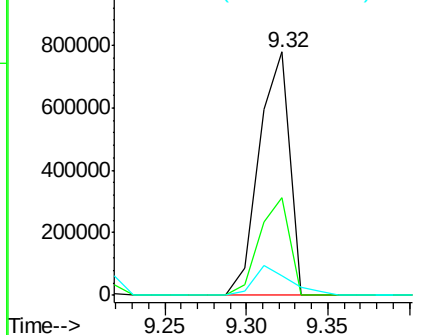
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.9	59.9
76	8.0	0.0	28.3

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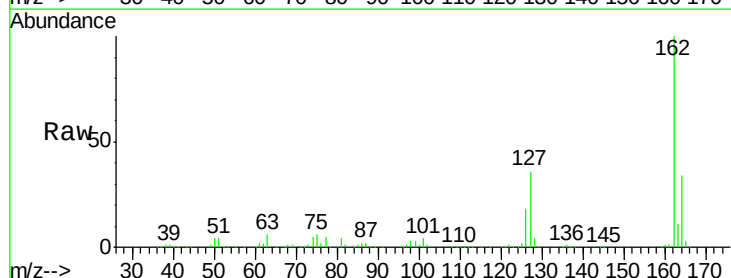


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

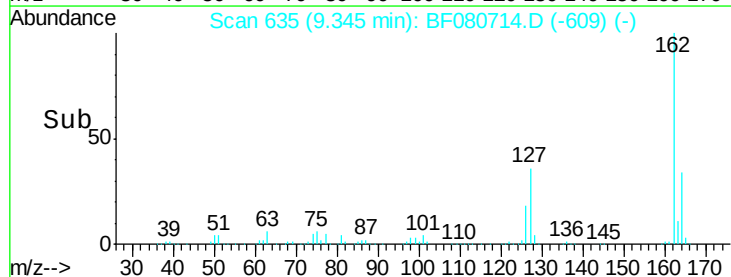
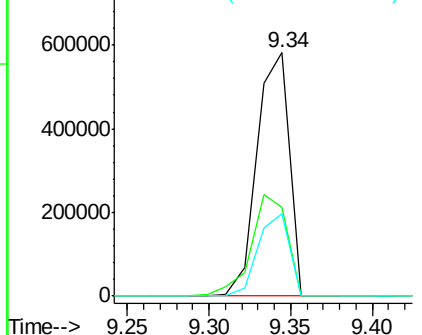


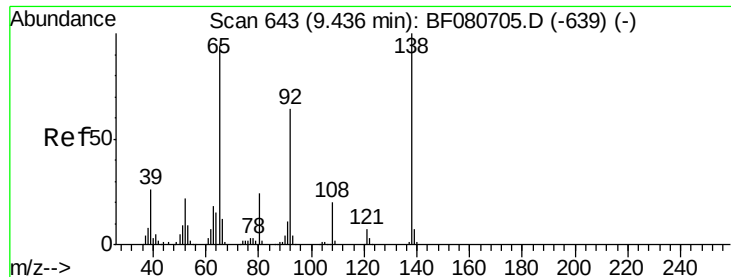
#46
2-Chloronaphthalene
Concen: 41.52 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.2	45.4
164	34.0	27.1	40.7



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





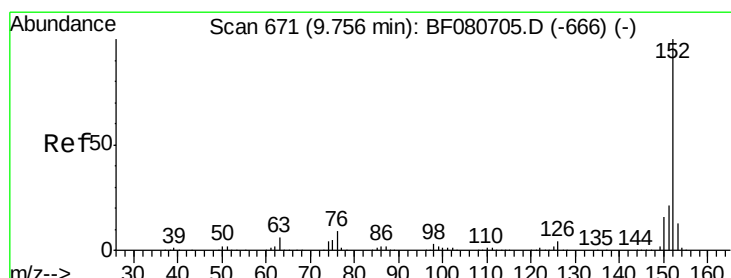
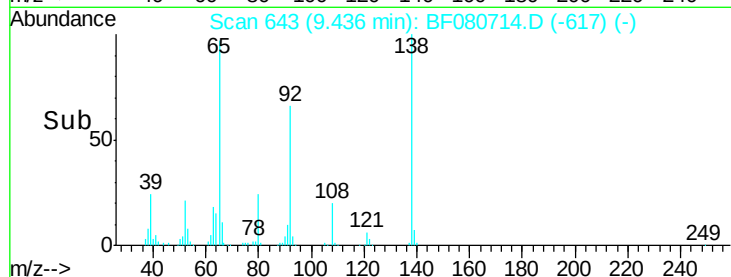
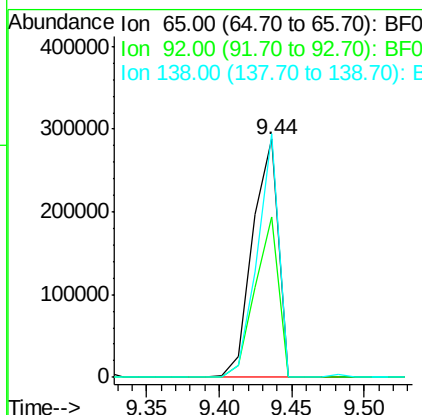
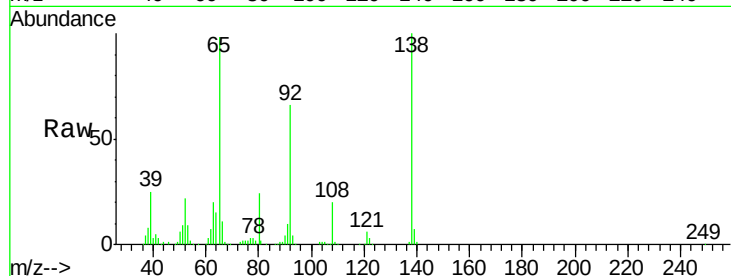
#47
2-Nitroaniline
Concen: 46.95 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.9	82.3
138	102.3	85.1	127.7

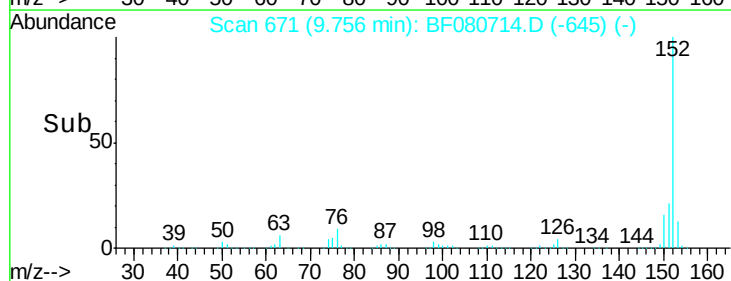
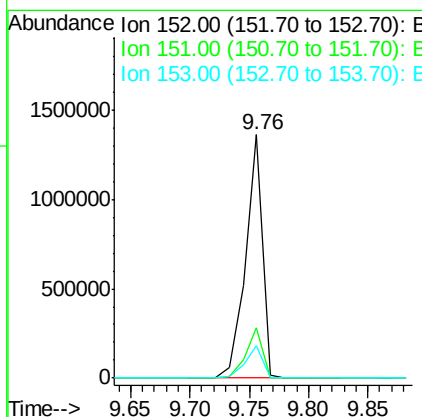
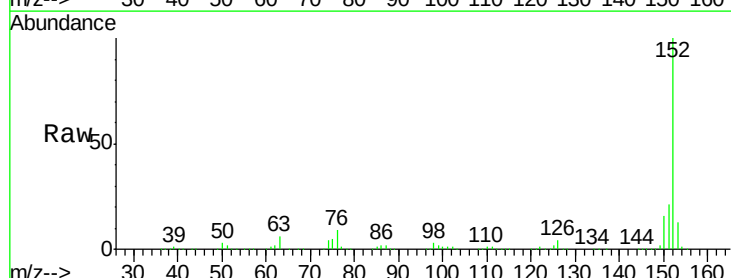
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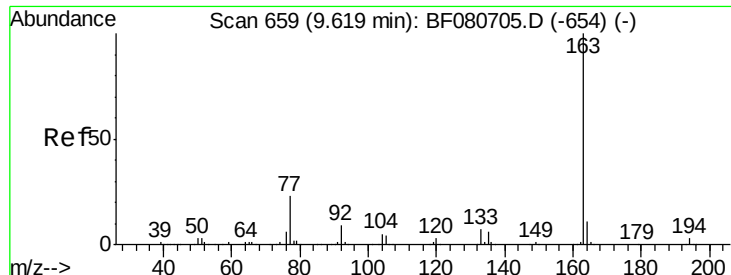
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7/31/2015 11:22:37 AM



#48
Acenaphthylene
Concen: 43.96 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6
153	13.3	10.8	16.2





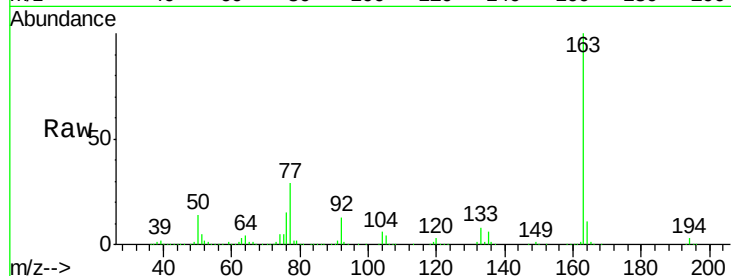
#49
Dimethylphthalate
Concen: 53.60 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

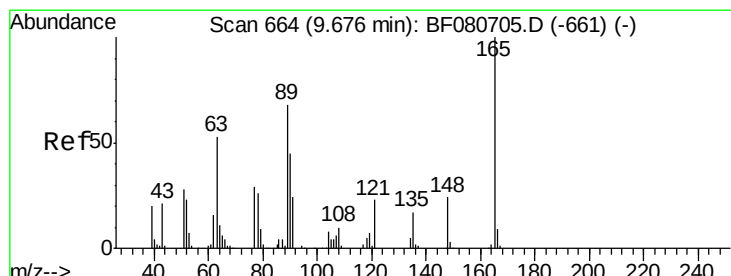
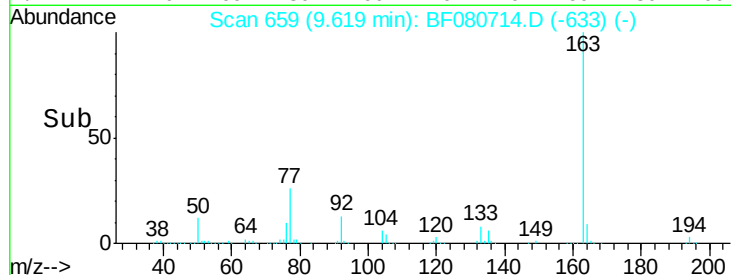
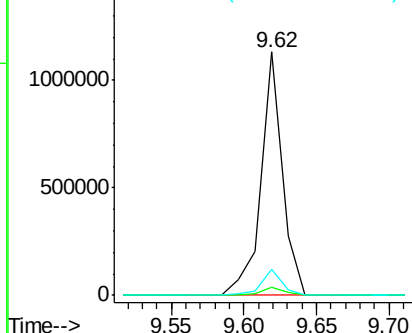
Tgt Ion:163 Resp: 1160329
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 8.7 13.1

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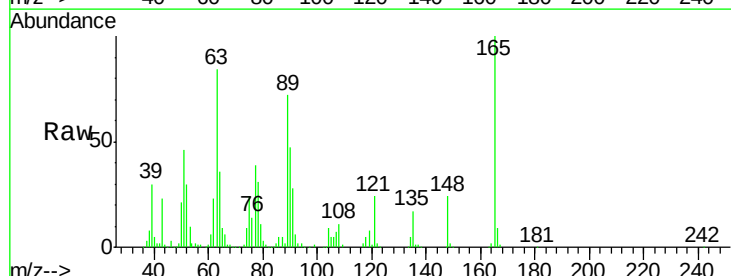


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

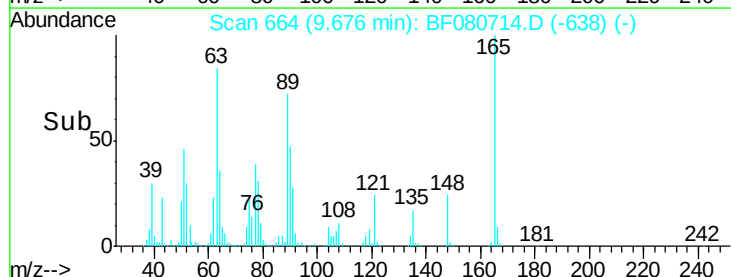
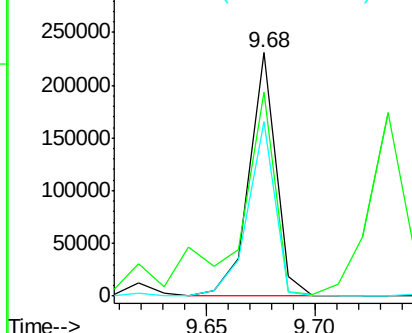


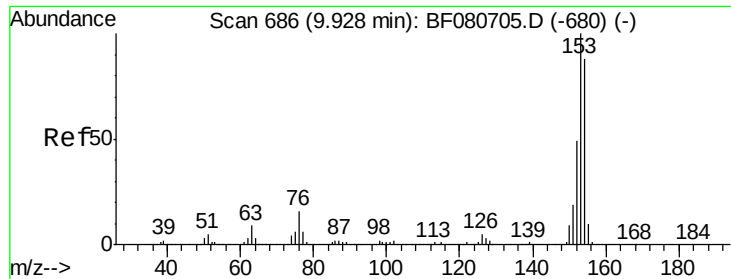
#50
2,6-Dinitrotoluene
Concen: 43.36 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion:165 Resp: 199194
Ion Ratio Lower Upper
165 100
63 84.0 62.3 93.5
89 71.8 54.8 82.2



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





#51

Acenaphthene

Concen: 43.25 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

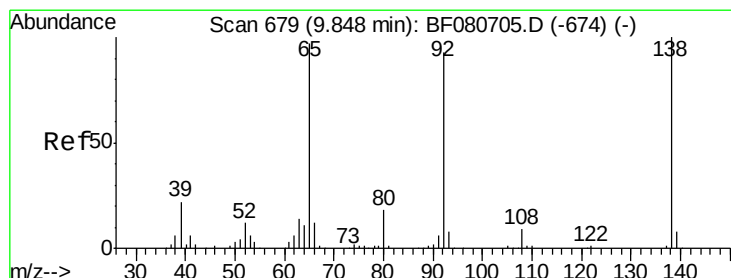
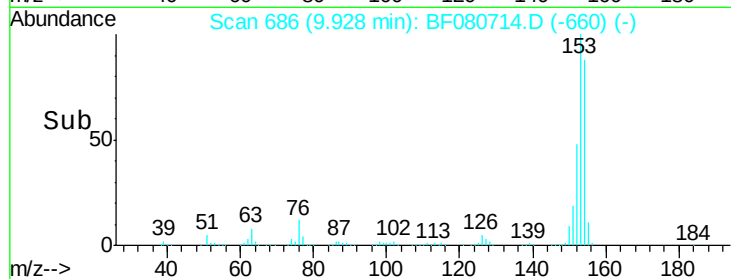
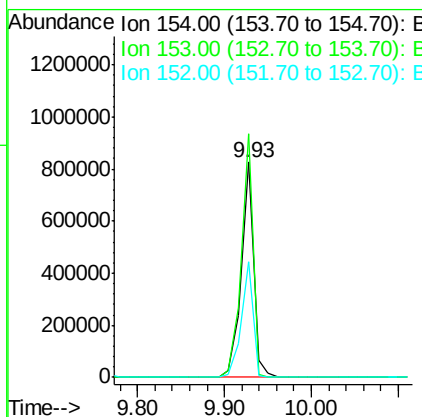
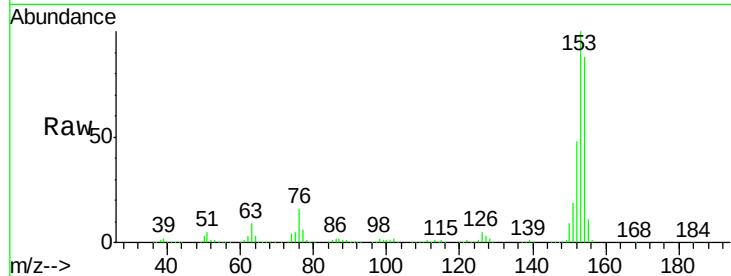
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion:	154	Resp:	807047
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.7	136.1
152	53.9	44.2	66.4

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#52

3-Nitroaniline

Concen: 36.96 ng

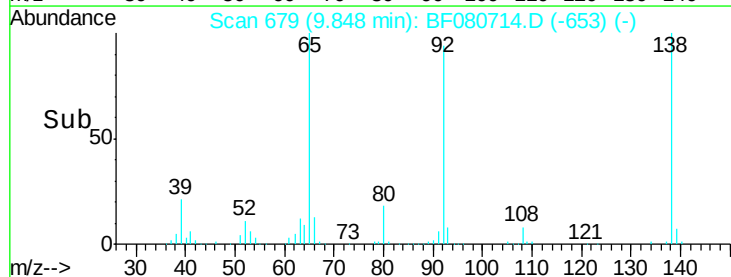
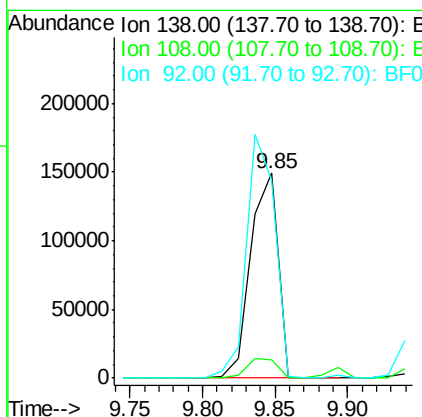
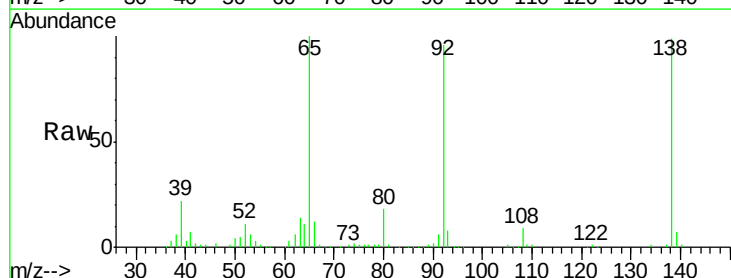
RT: 9.85 min Scan# 679

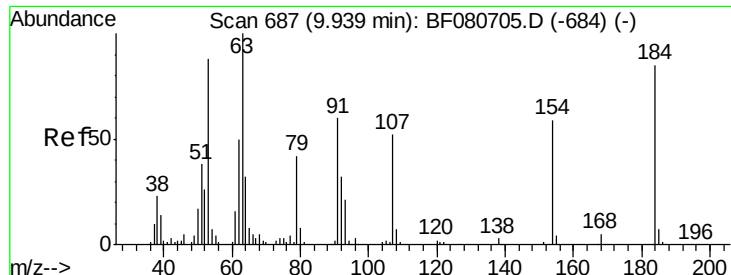
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	138	Resp:	195953
Ion Ratio	Lower	Upper	
138	100		
108	8.7	6.9	10.3
92	96.4	74.1	111.1





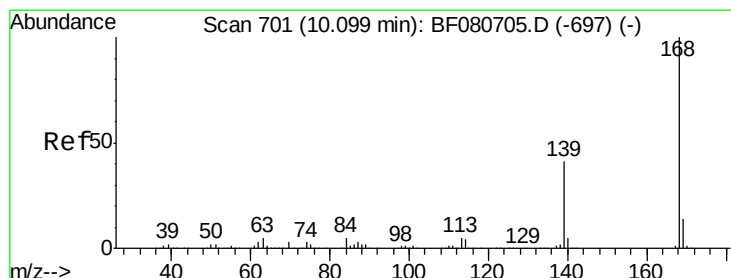
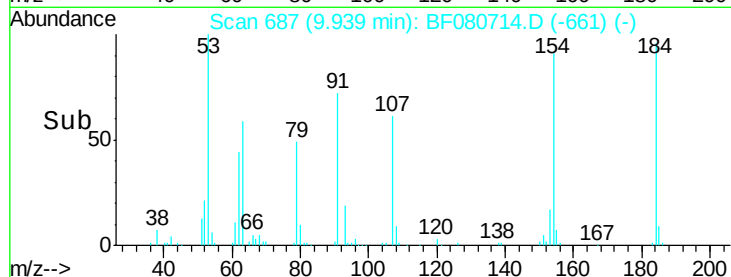
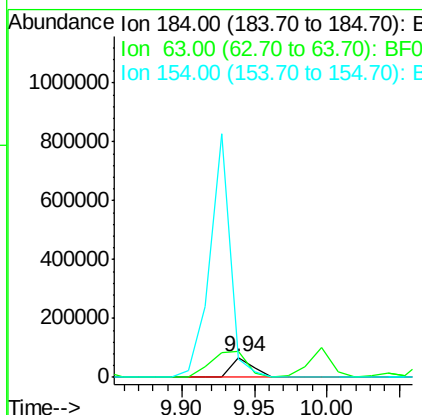
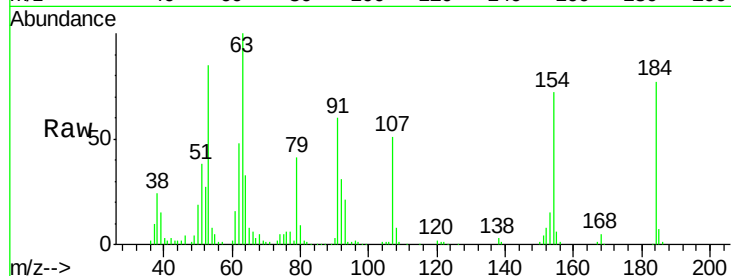
#53
2,4-Dinitrophenol
Concen: 29.92 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	73199		
63	130.6	96.0	144.0	
154	94.5	66.0	99.0	

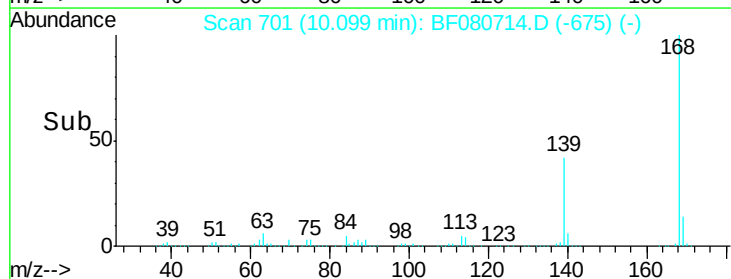
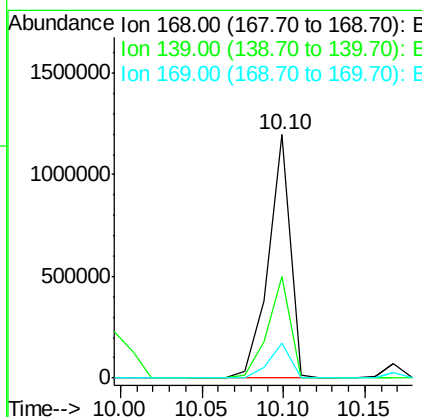
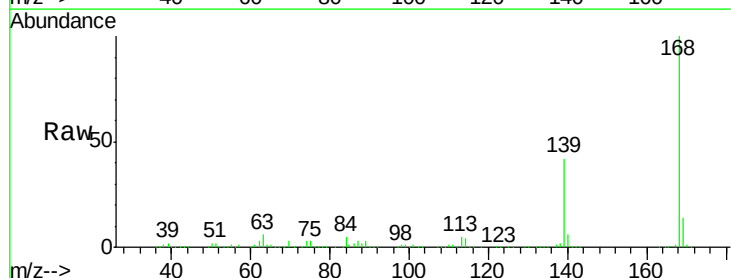
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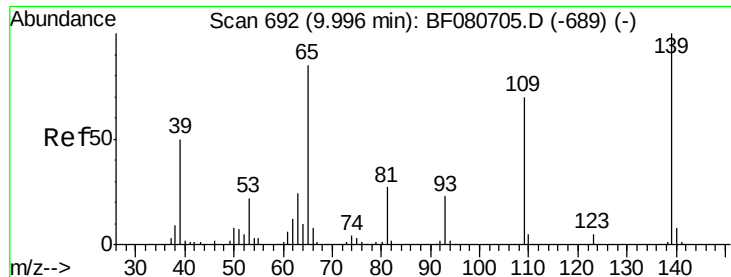
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#54
Dibenzofuran
Concen: 44.71 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1115939		
139	41.7	33.0	49.6	
169	14.3	11.4	17.2	





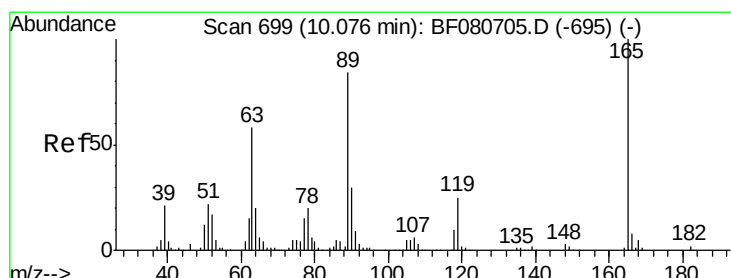
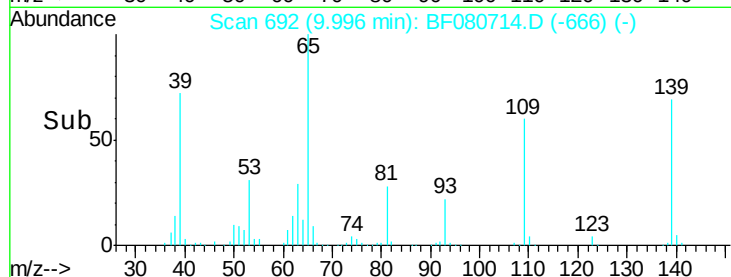
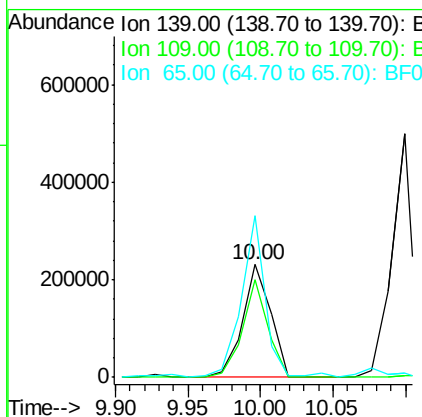
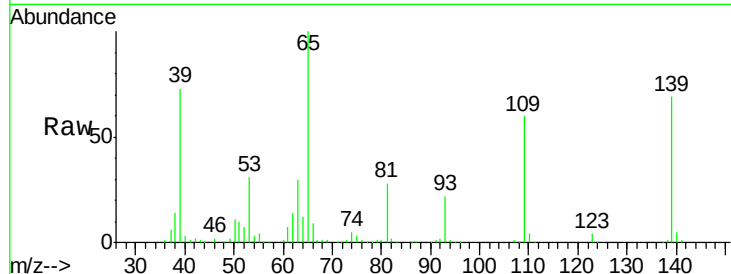
#55
4-Nitrophenol
Concen: 79.27 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	309627		
109	86.4	50.4	90.4	
65	144.2	66.1	106.1	

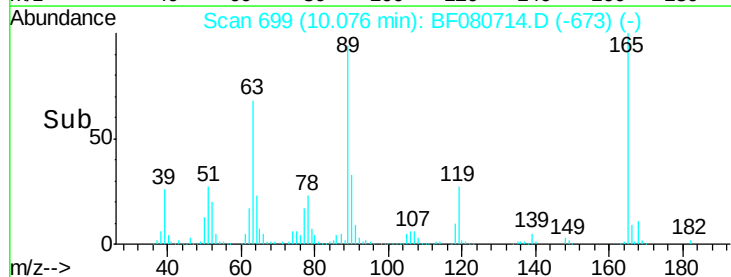
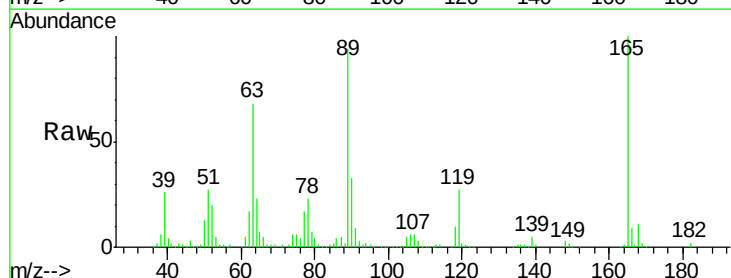
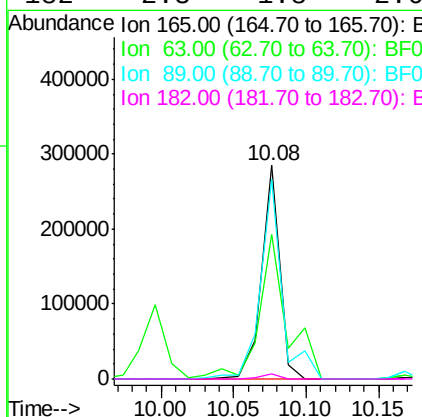
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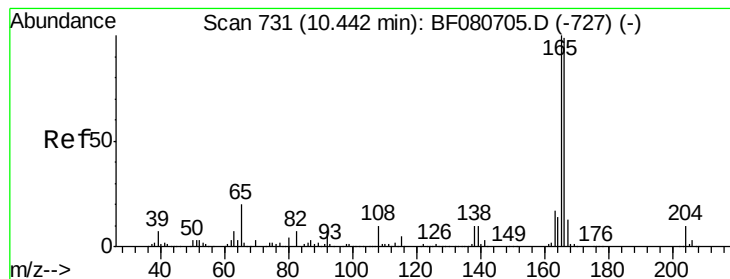
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#56
2,4-Dinitrotoluene
Concen: 41.06 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247363		
63	68.0	46.7	70.1	
89	93.5	67.4	101.2	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 44.28 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

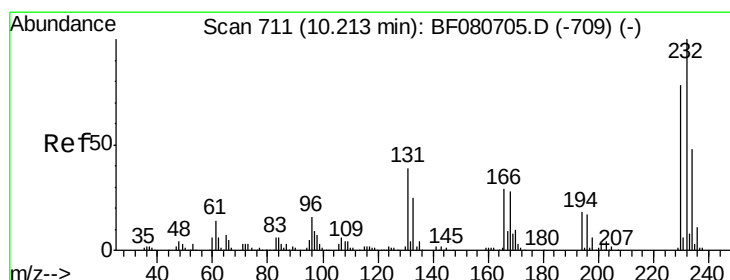
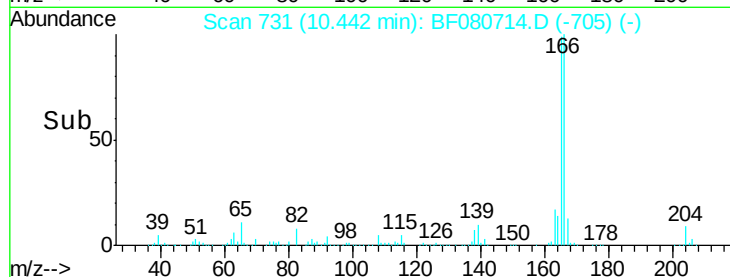
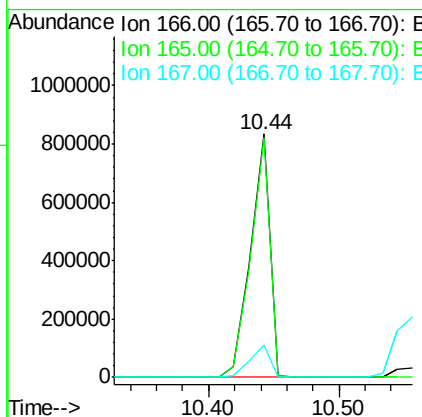
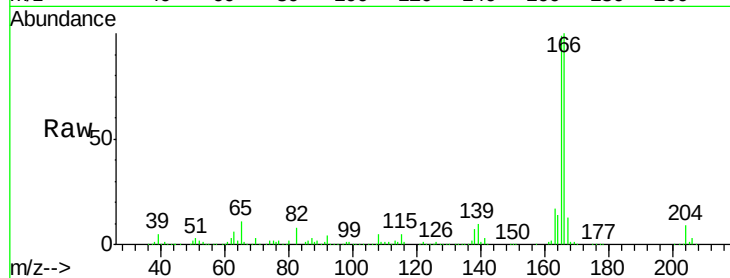
ClientSampleId :

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Tgt Ion:	166	Resp:	857803
Ion Ratio	Lower	Upper	
166	100		
165	98.7	81.0	121.4
167	13.4	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.44 ng

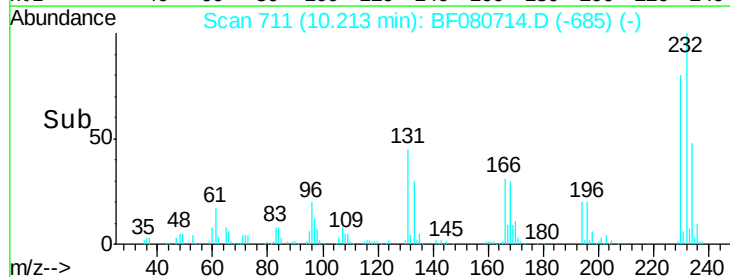
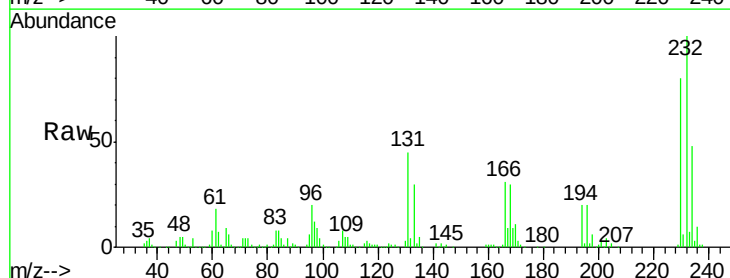
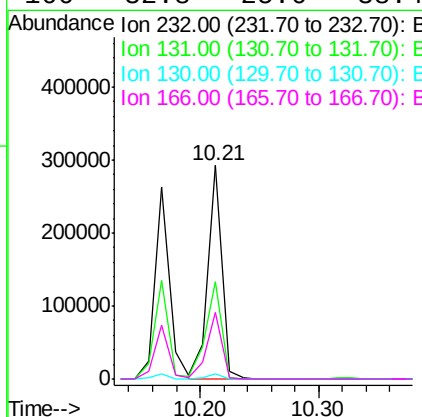
RT: 10.21 min Scan# 711

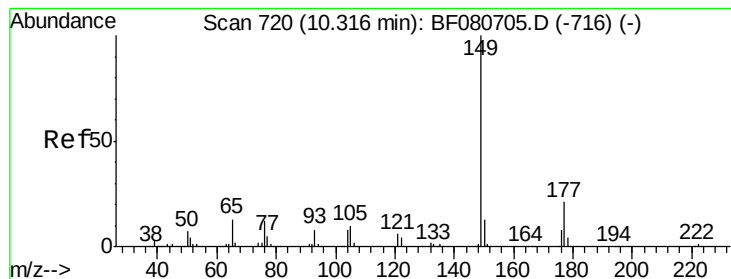
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	232	Resp:	243174
Ion Ratio	Lower	Upper	
232	100		
131	50.7	38.2	57.2
130	2.7	1.8	2.6#
166	32.8	25.6	38.4





#59

Diethylphthalate

Concen: 41.23 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

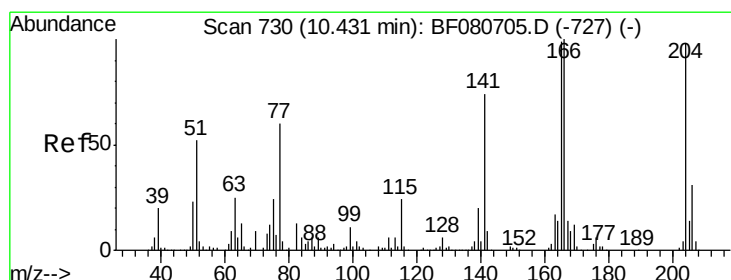
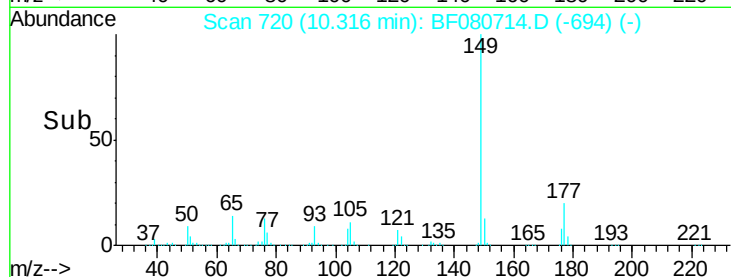
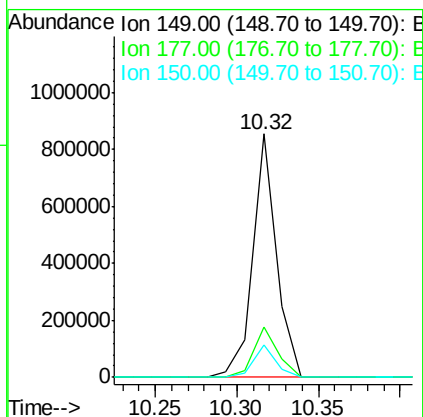
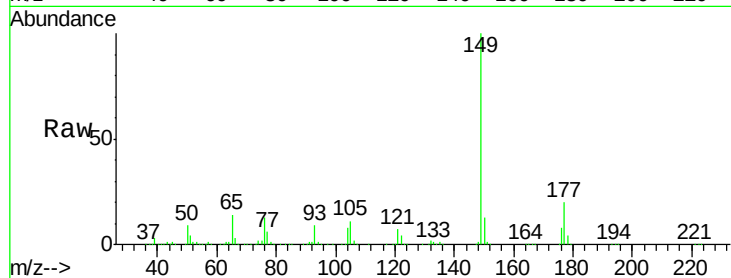
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion:	149	Resp:	860237
Ion Ratio	Lower	Upper	
149	100		
177	20.5	16.6	25.0
150	13.2	10.2	15.4

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 43.60 ng

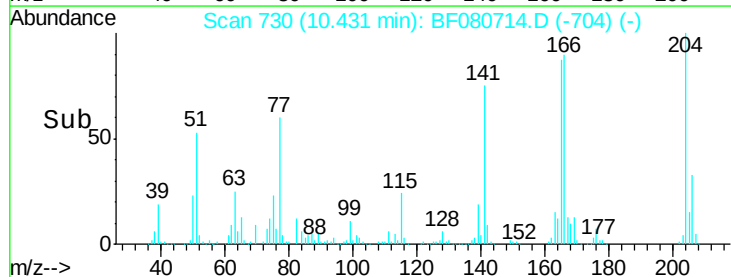
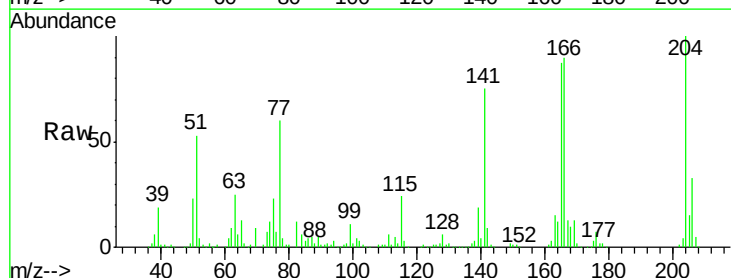
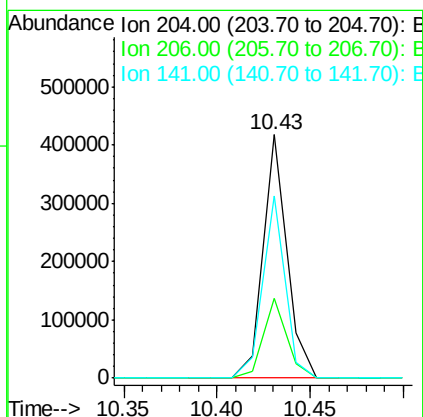
RT: 10.43 min Scan# 730

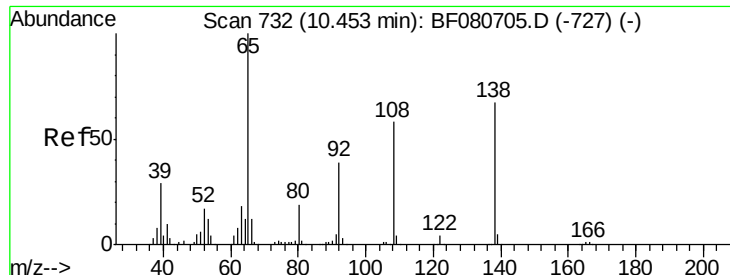
Delta R.T. 0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	204	Resp:	365733
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.1	37.7
141	74.6	60.3	90.5





#61

4-Nitroaniline

Concen: 38.57 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080714.D

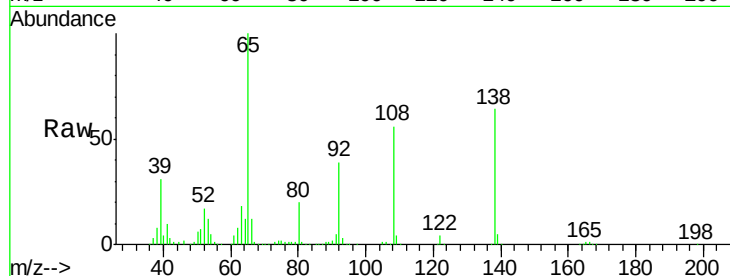
Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

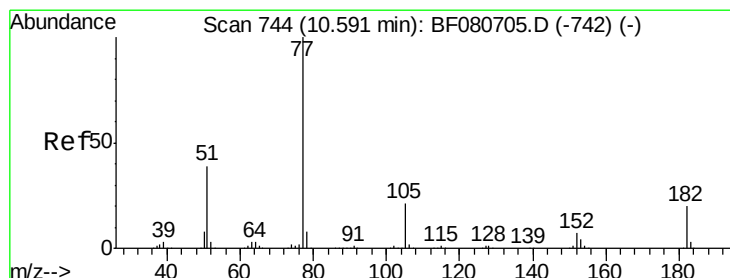
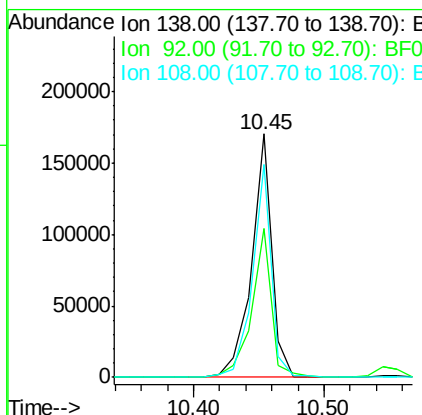
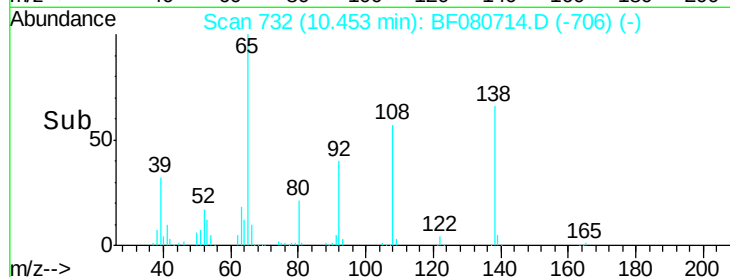
SOUTHEASTWALL3-072915MSD



Tgt Ion:	138	Resp:	184613
Ion Ratio	Lower	Upper	
138	100		
92	61.2	38.2	78.2
108	87.5	66.3	106.3

Manual Integrations
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7/31/2015 11:22:37 AM



#62

Azobenzene

Concen: 45.21 ng

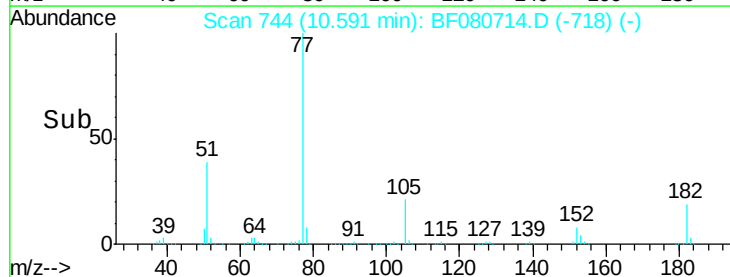
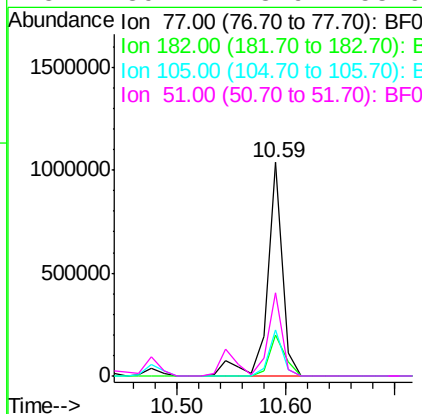
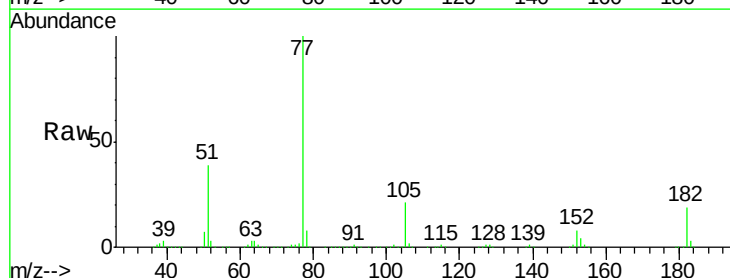
RT: 10.59 min Scan# 744

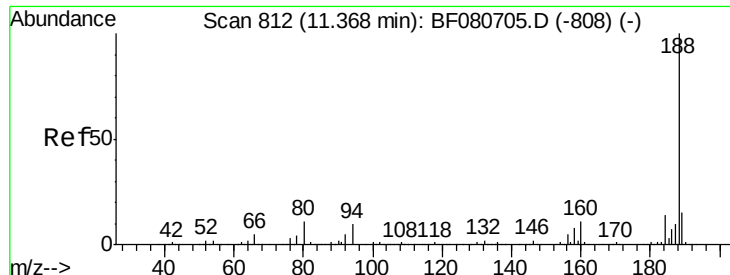
Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	77	Resp:	1021919
Ion Ratio	Lower	Upper	
77	100		
182	19.3	0.0	39.9
105	21.3	1.1	41.1
51	39.1	18.9	58.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

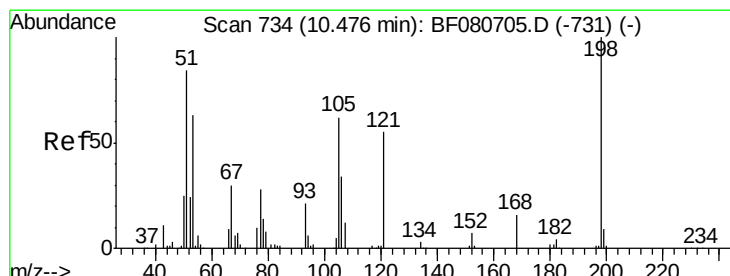
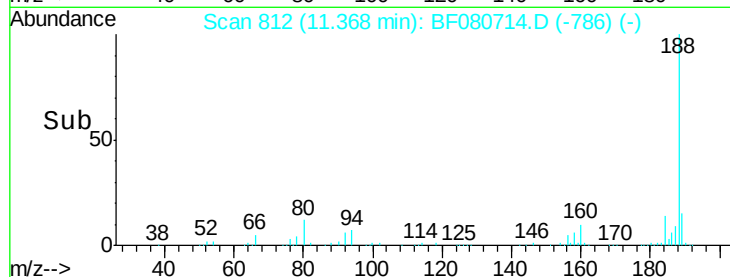
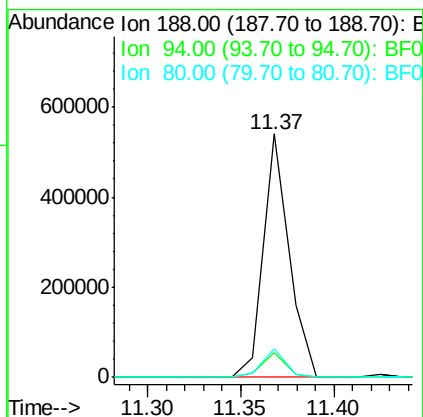
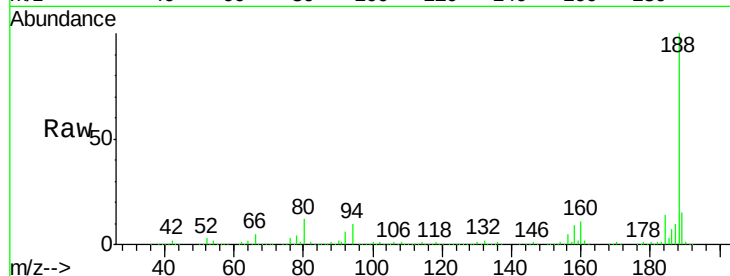
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt	Ion:188	Resp:	513132
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	12.0	9.1	13.7

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 41.62 ng

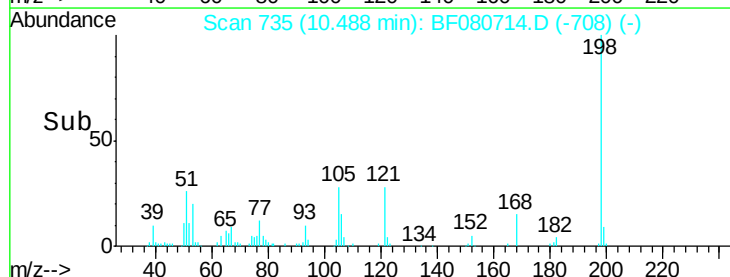
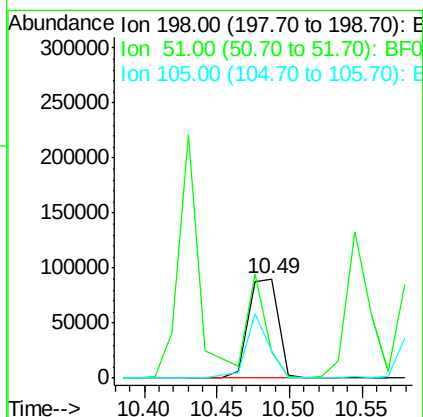
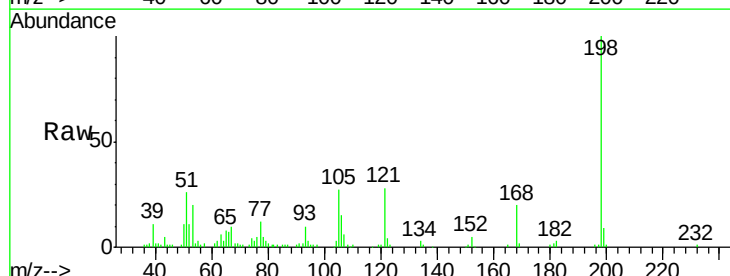
RT: 10.49 min Scan# 735

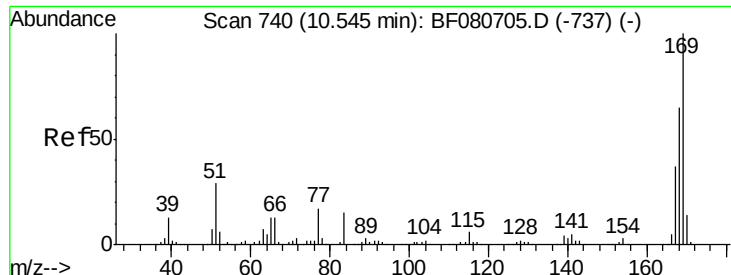
Delta R.T. 0.01 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt	Ion:198	Resp:	128622
Ion	Ratio	Lower	Upper
198	100		
51	25.8	84.6	124.6#
105	27.5	43.0	83.0#





#65

n-Nitrosodiphenylamine

Concen: 44.52 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

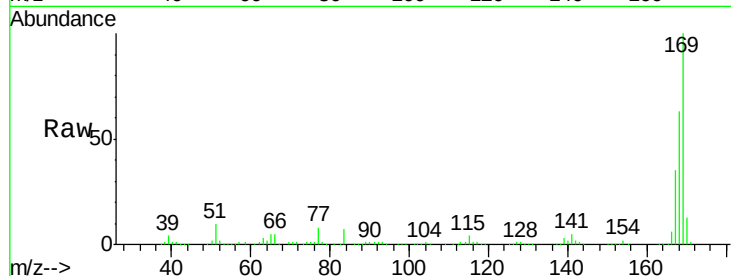
ClientSampleId :

SOUTHEASTWALL3-072915MSD

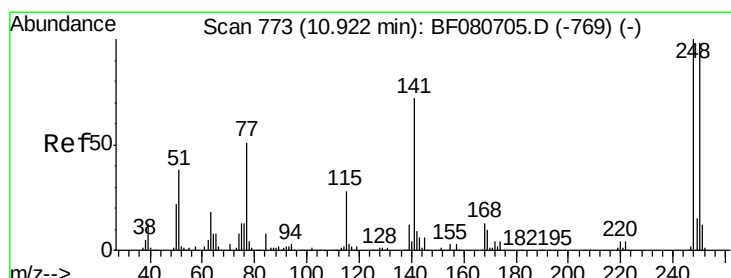
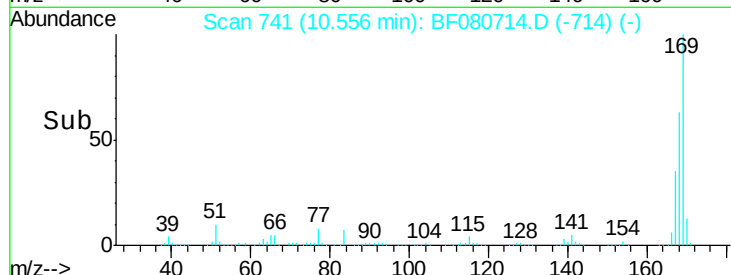
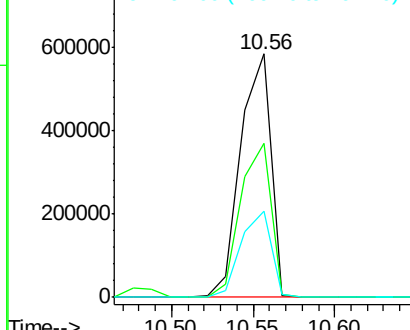
Tgt Ion:	169	Resp:	748919
Ion Ratio	Lower	Upper	
169	100		
168	63.3	52.1	78.1
167	35.4	29.3	43.9

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.44 ng

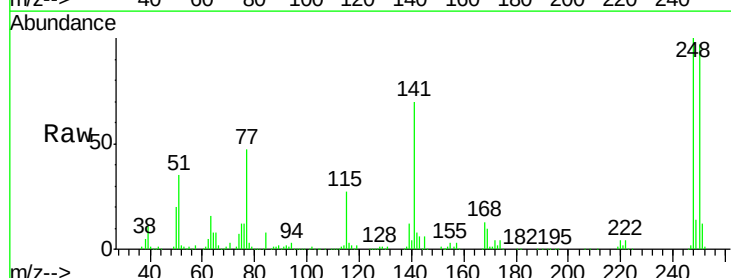
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

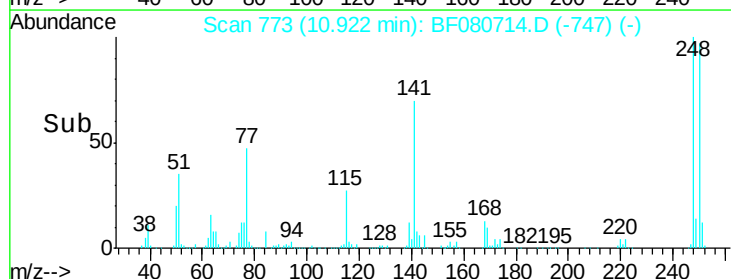
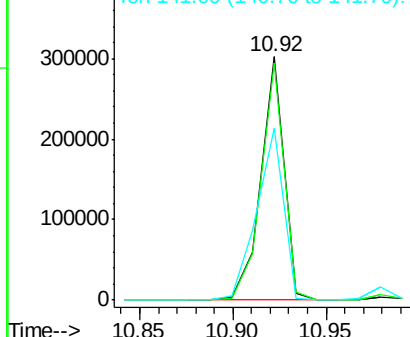
Lab File: BF080714.D

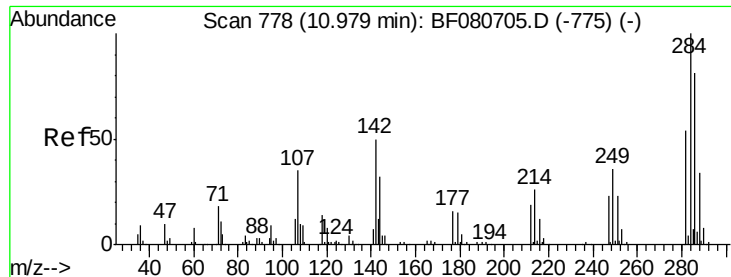
Acq: 31 Jul 2015 2:28

Tgt Ion:	248	Resp:	256577
Ion Ratio	Lower	Upper	
248	100		
250	97.3	78.4	117.6
141	70.4	57.5	86.3



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: 42.17 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

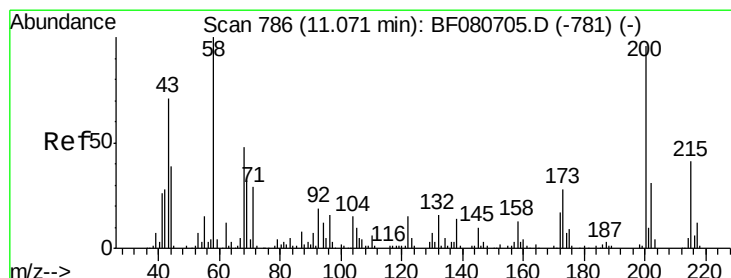
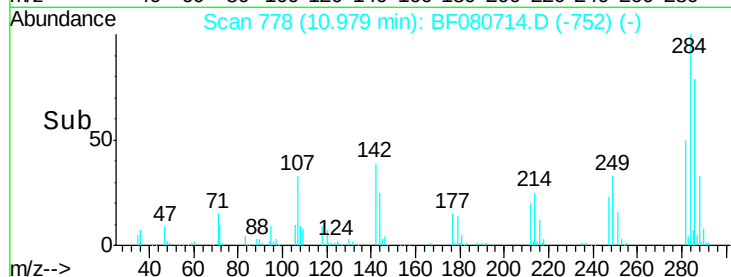
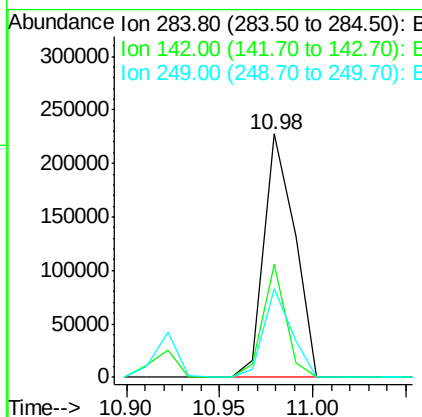
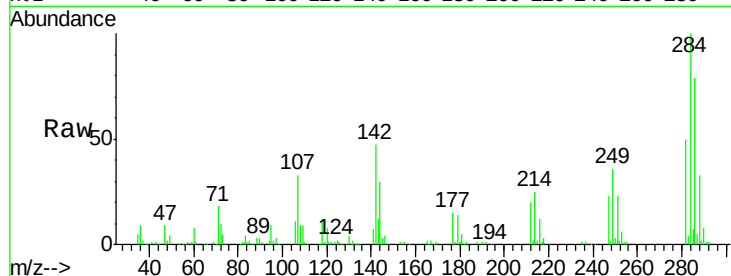
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion:	284	Resp:	258290
Ion Ratio	Lower	Upper	
284	100		
142	46.7	39.8	59.6
249	36.4	28.7	43.1

Manual Integrations
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7/31/2015 11:22:37 AM



#68

Atrazine

Concen: Below Cal

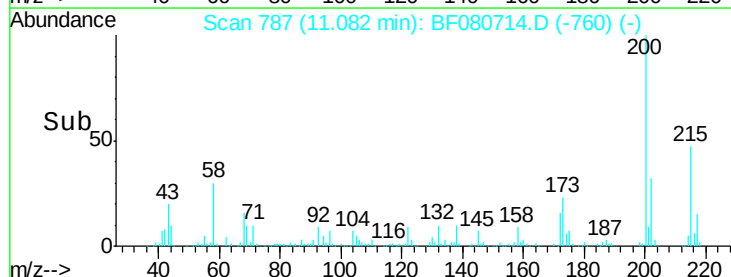
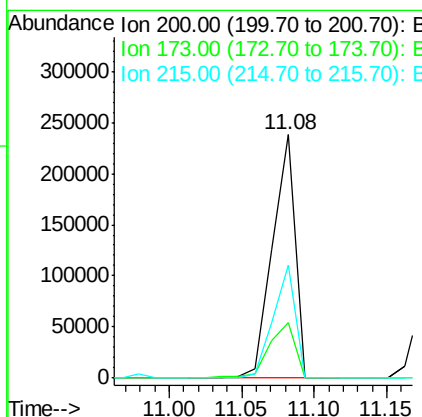
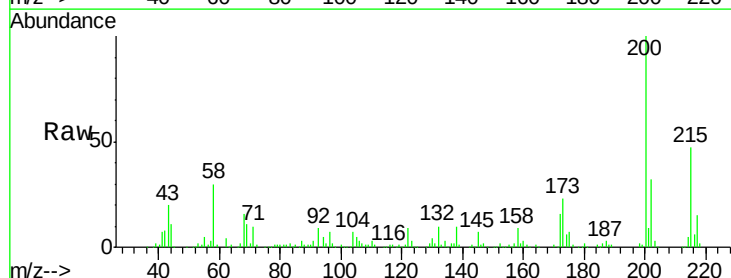
RT: 11.08 min Scan# 787

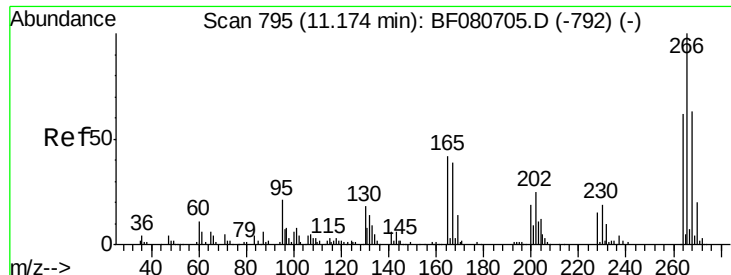
Delta R.T. 0.01 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Tgt Ion:	200	Resp:	257527
Ion Ratio	Lower	Upper	
200	100		
173	22.9	8.6	48.6
215	46.5	22.2	62.2





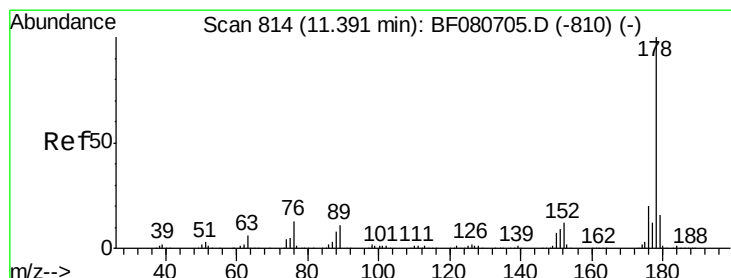
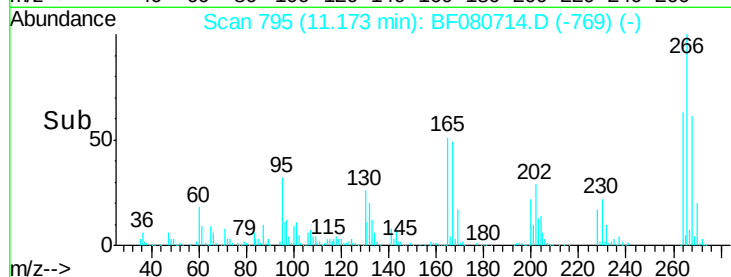
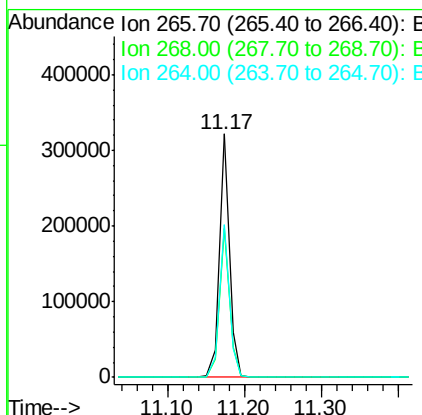
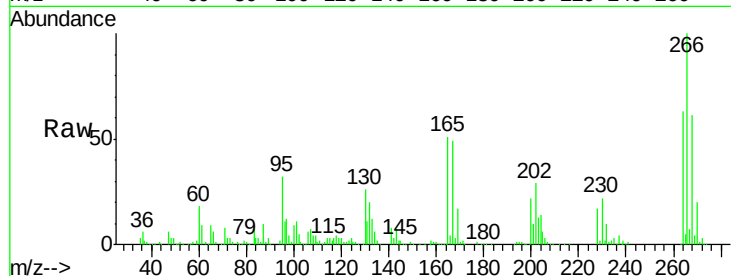
#69
 Pentachlorophenol
 Concen: 79.23 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	293640		
268	61.0	50.5	75.7	
264	63.0	50.0	75.0	

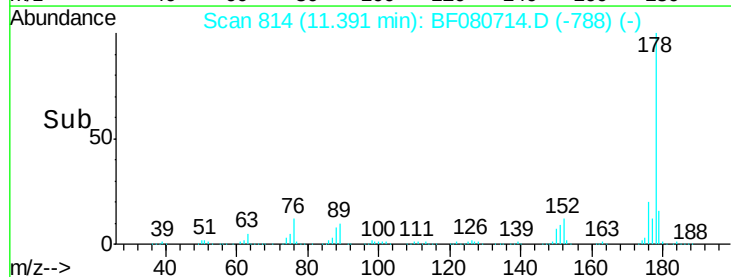
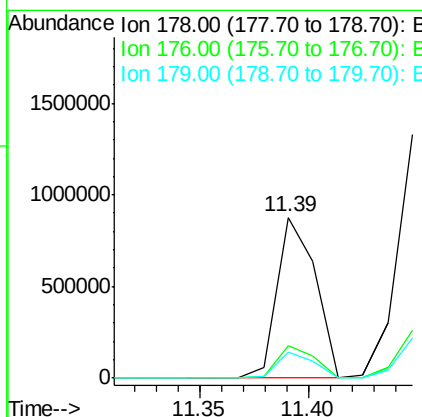
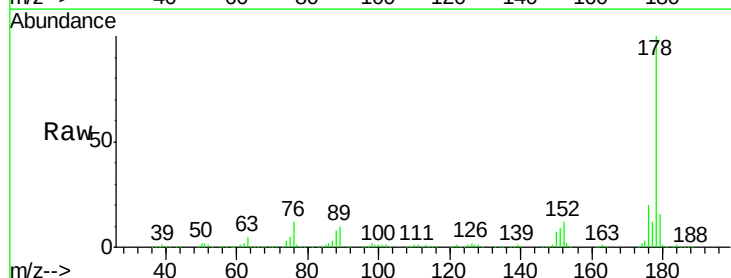
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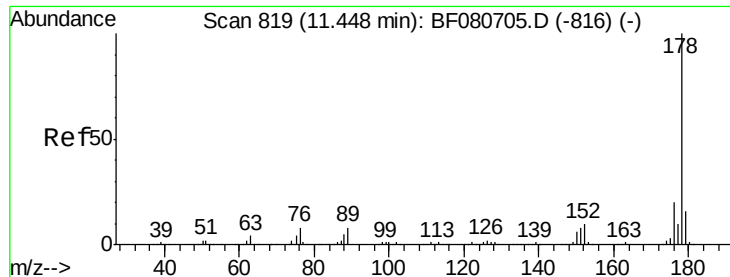
MMDadoda
 7/31/2015 11:22:37 AM



#70
 Phenanthrene
 Concen: 41.91 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1083586		
176	20.1	16.2	24.4	
179	16.0	13.0	19.4	





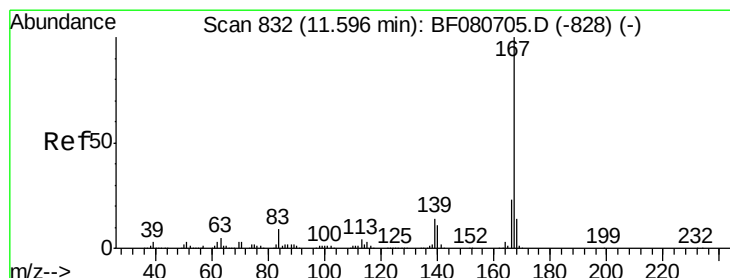
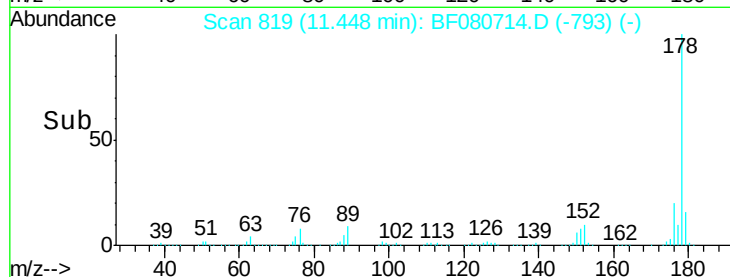
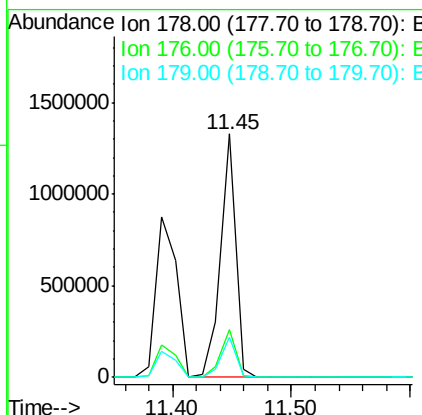
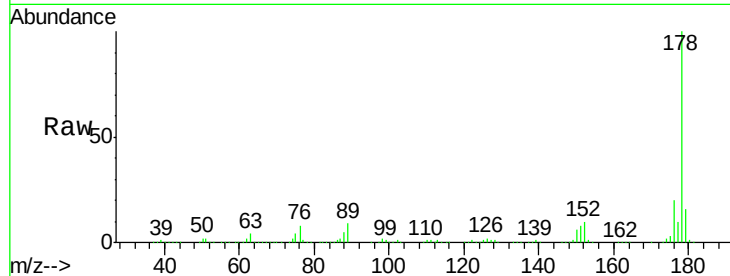
#71
 Anthracene
 Concen: 45.69 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion:178 Resp: 1160621
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.3 12.7 19.1

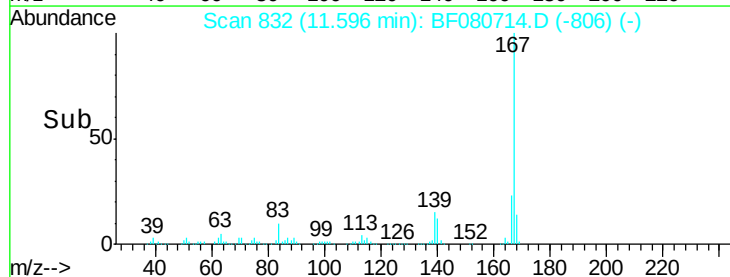
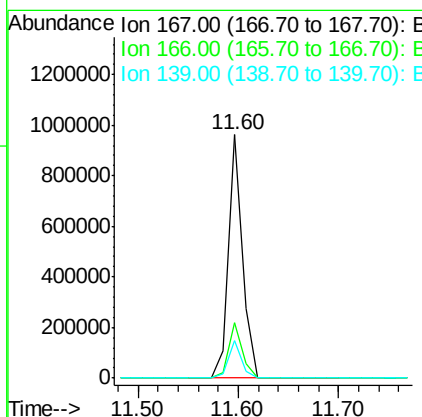
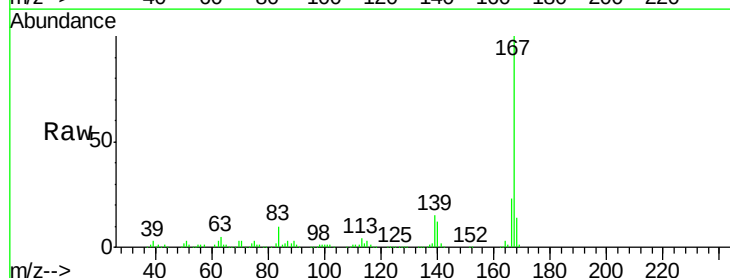
Manual Integrations
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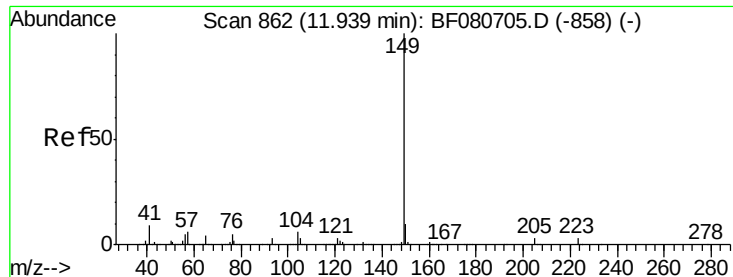
MMDadoda
 7/31/2015 11:22:37 AM



#72
 Carbazole
 Concen: 42.28 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion:167 Resp: 932133
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 15.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 44.99 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion:149 Resp: 1229979

Ion Ratio Lower Upper

149 100

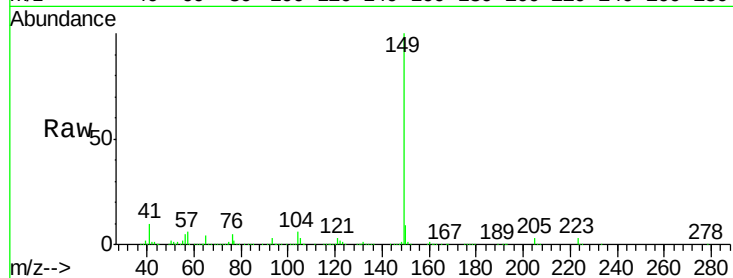
150 9.5 7.6 11.4

104 5.6 4.4 6.6

Manual Integrations
APPROVED

MMDadoda

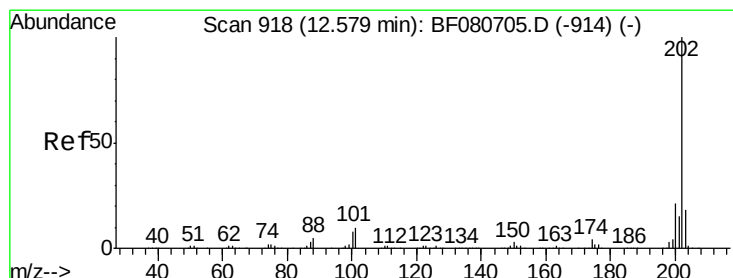
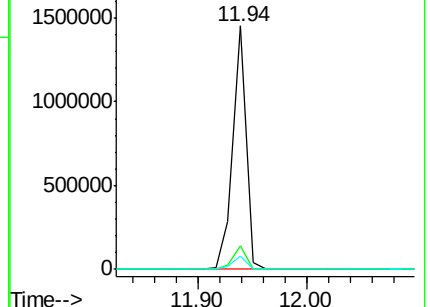
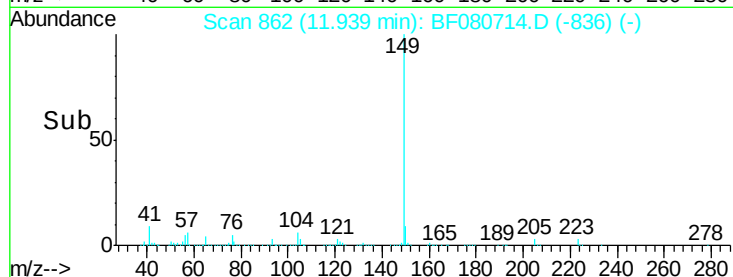
7/31/2015 11:22:37 AM



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.08 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

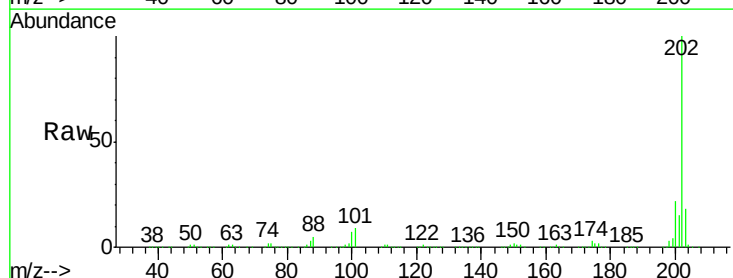
Tgt Ion:202 Resp: 1126743

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

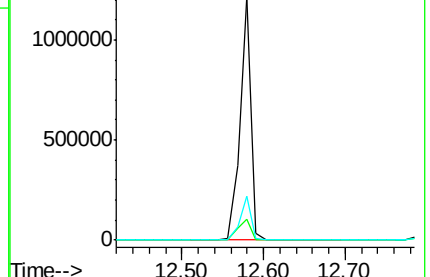
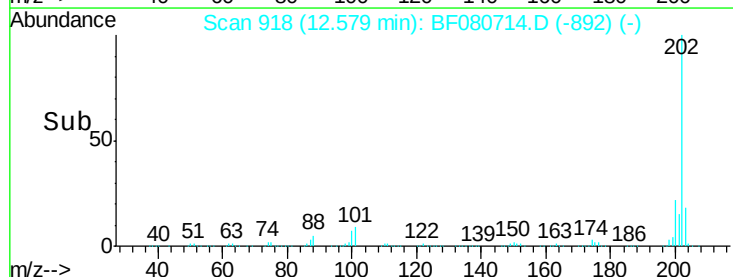
203 17.9 0.0 37.8

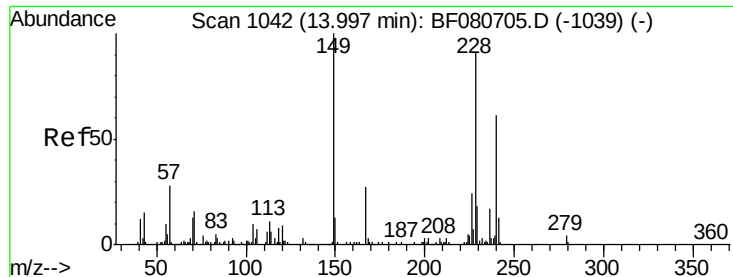


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

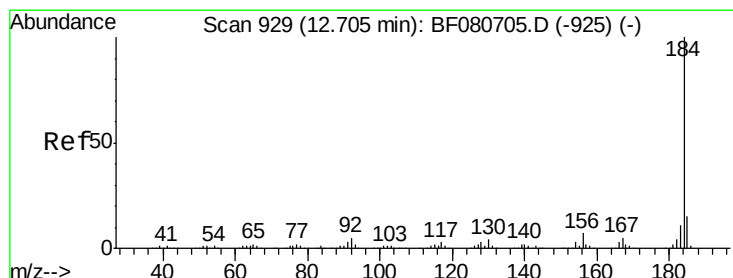
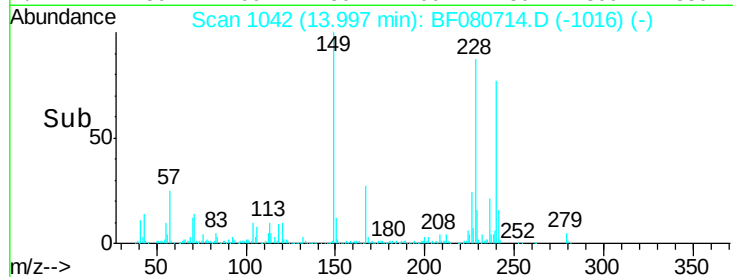
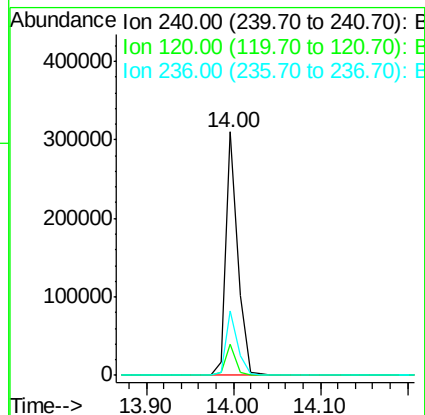
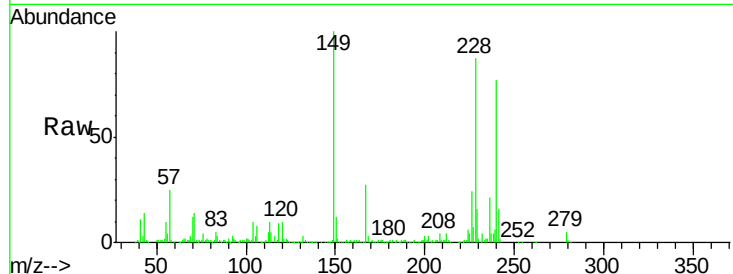
ClientSampleId :

SOUTHEASTWALL3-072915MSD

Tgt Ion:	240	Resp:	300409
Ion Ratio	Lower	Upper	
240	100		
120	13.0	11.8	17.8
236	26.6	21.8	32.8

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#76

Benzidine

Concen: 56.91 ng

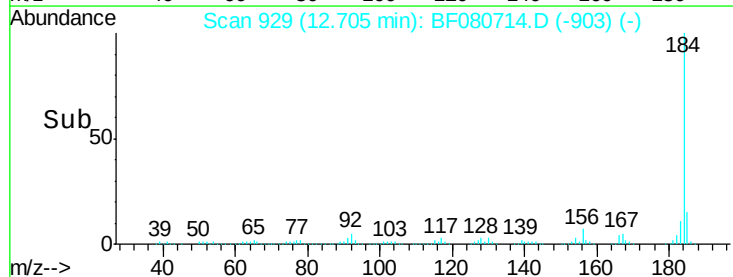
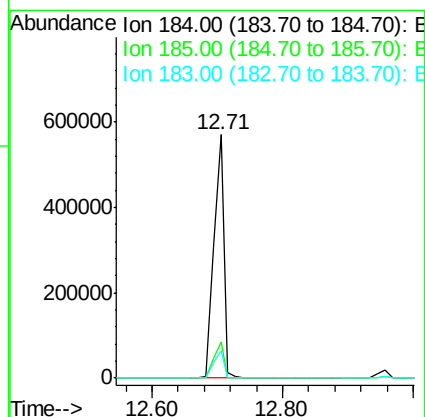
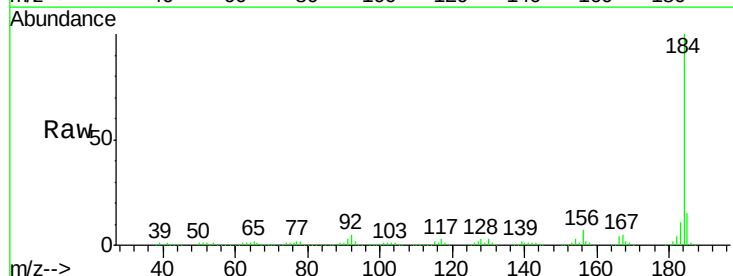
RT: 12.71 min Scan# 929

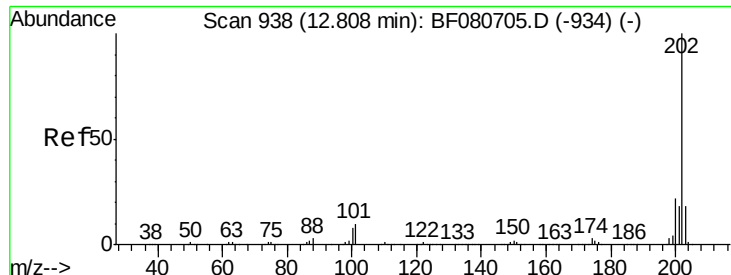
Delta R.T. 0.00 min

Lab File: BF080714.D

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Tgt Ion:	184	Resp:	622466
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.0	18.0
183	11.4	9.1	13.7





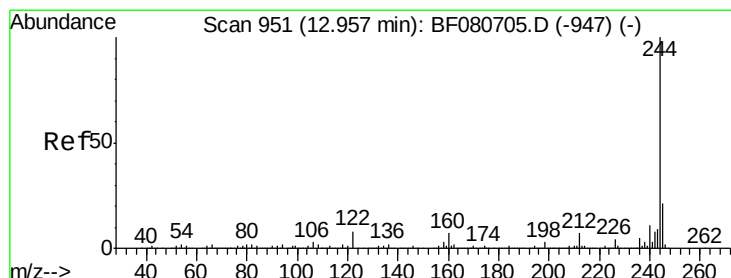
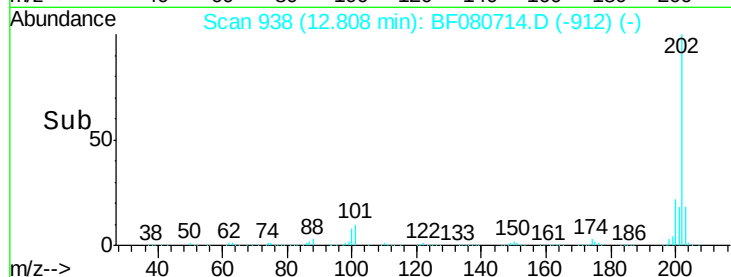
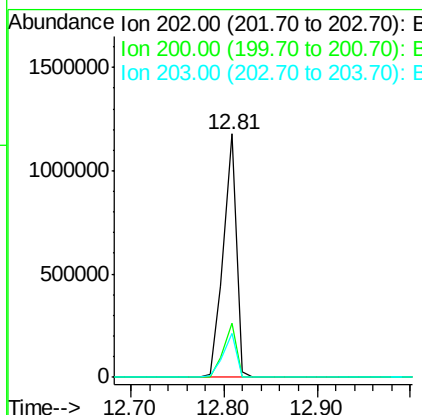
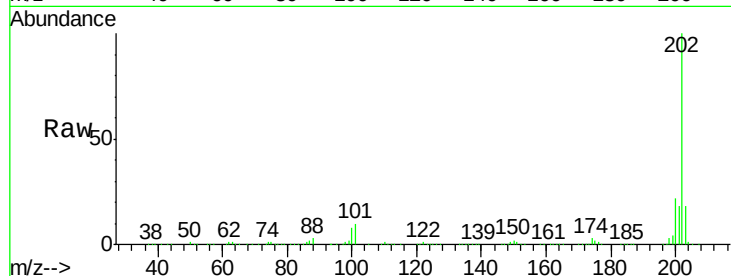
#77
Pyrene
 Concen: 49.17 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.8	14.2	21.2

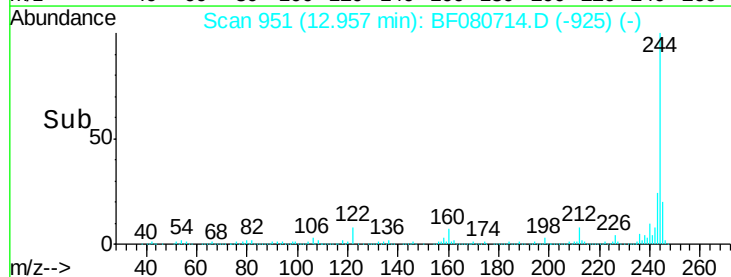
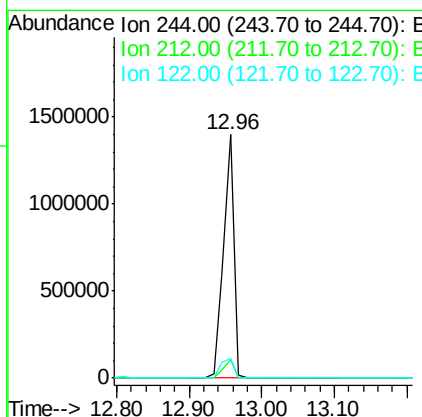
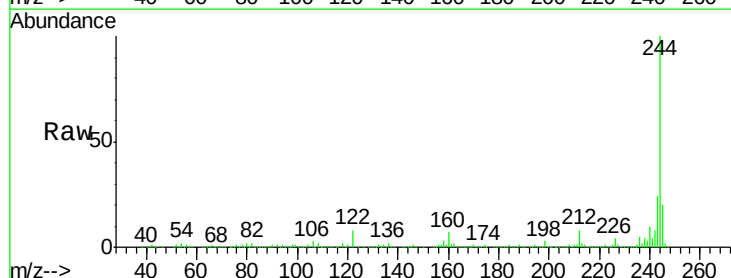
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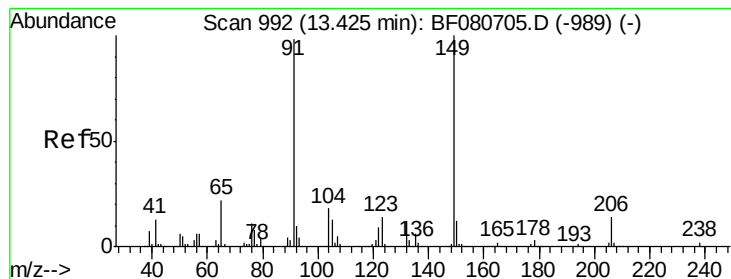
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#78
Terphenyl-d14
 Concen: 88.26 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	7.9	6.6	9.8





#79

Butylbenzylphthalate

Concen: 42.32 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080714.D

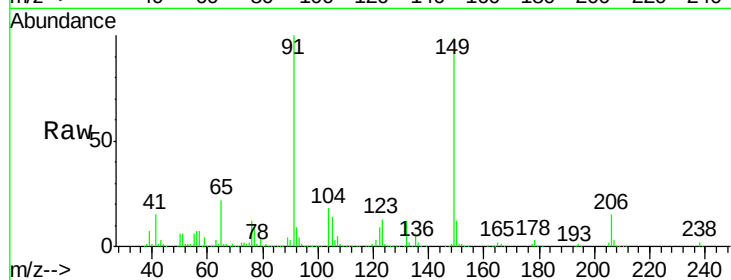
Acq: 31 Jul 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MSD



Tgt Ion:149 Resp: 408054

Ion Ratio Lower Upper

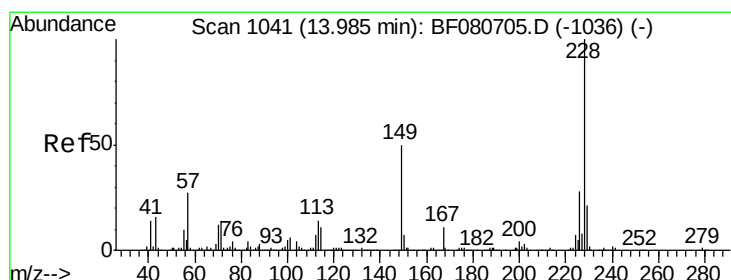
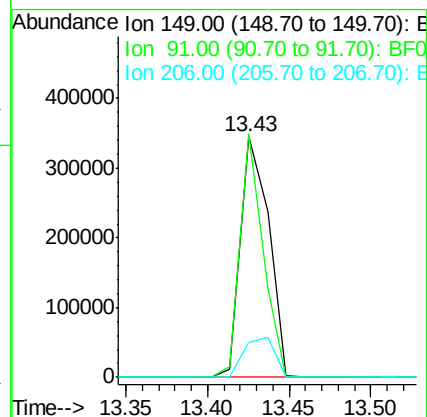
149 100

91 101.2 78.6 118.0

206 14.7 11.4 17.2

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#80

Benzo(a)anthracene

Concen: 42.95 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080714.D

Acq: 31 Jul 2015 2:28

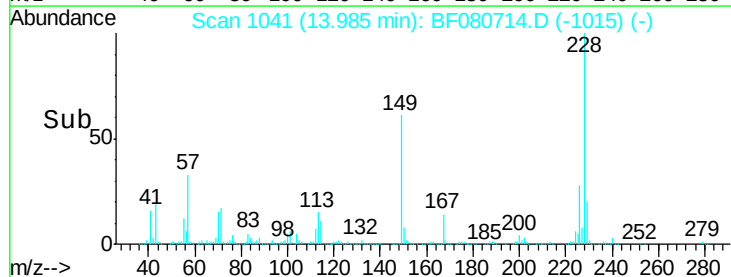
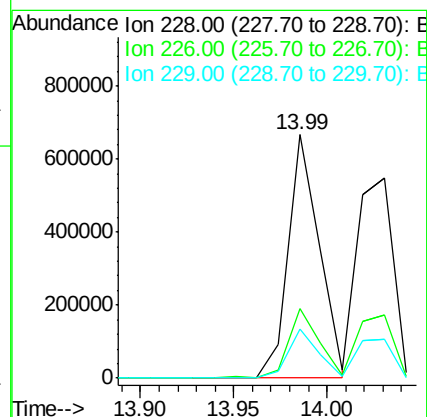
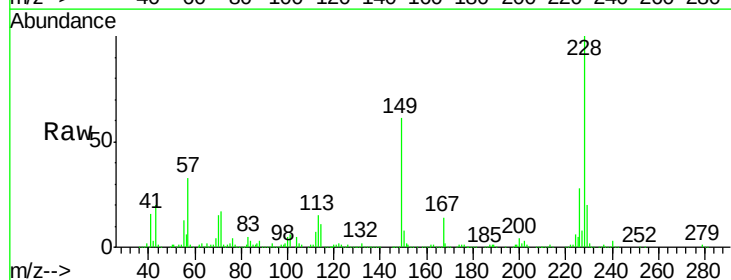
Tgt Ion:228 Resp: 776011

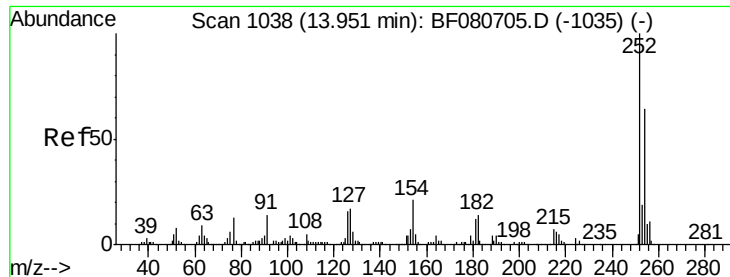
Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

229 20.1 16.6 25.0





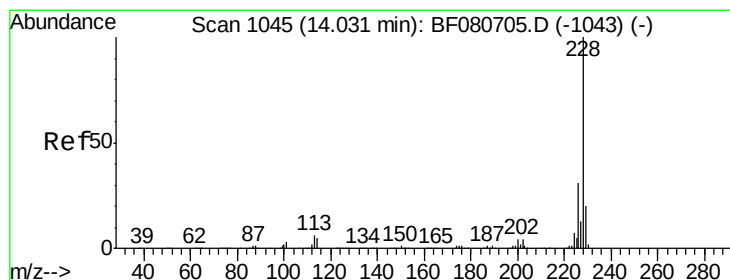
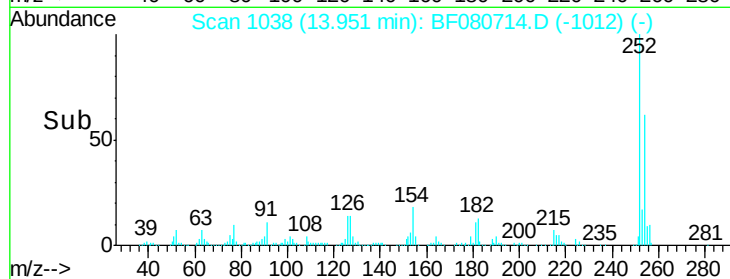
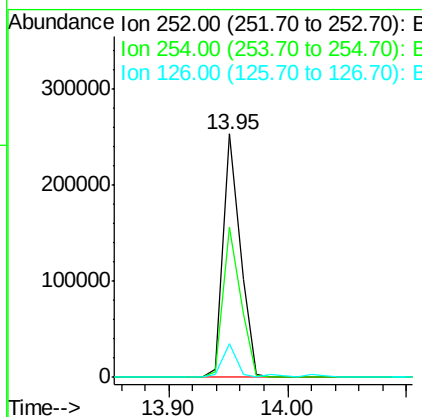
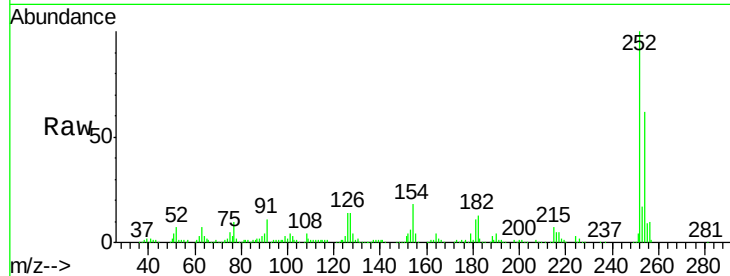
#81
 3,3'-Dichlorobenzidine
 Concen: 41.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.7	51.0	76.4
126	13.8	13.2	19.8

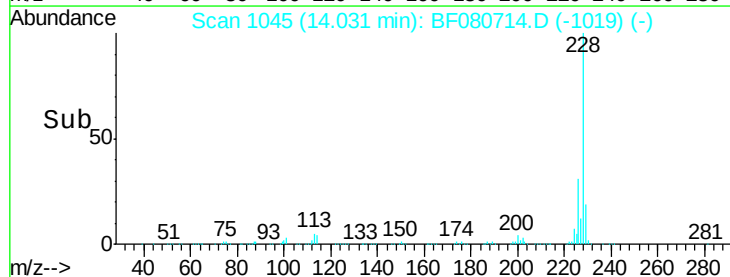
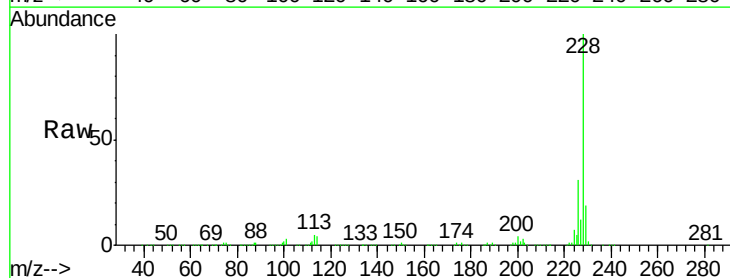
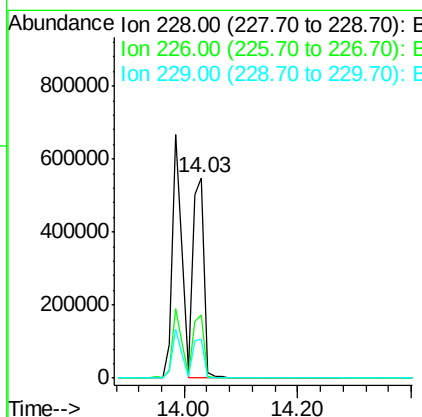
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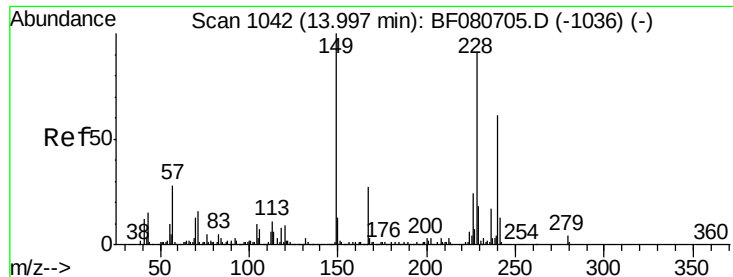
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#82
 Chrysene
 Concen: 42.54 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.1	37.7
229	19.3	15.8	23.8





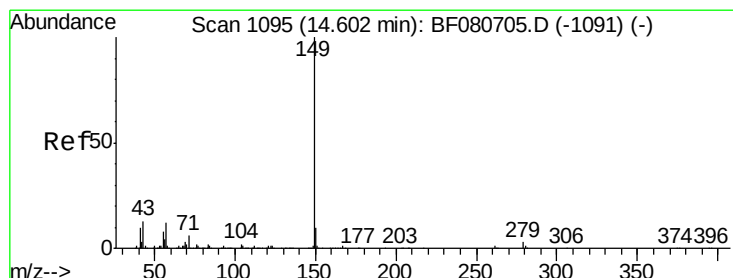
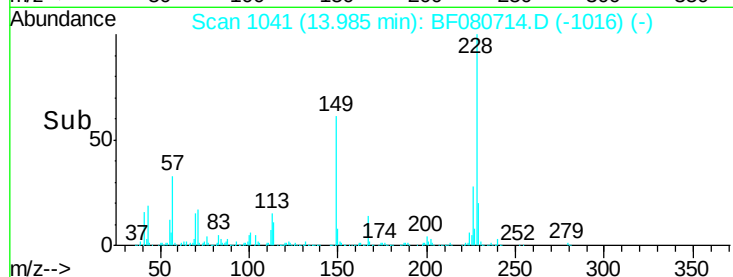
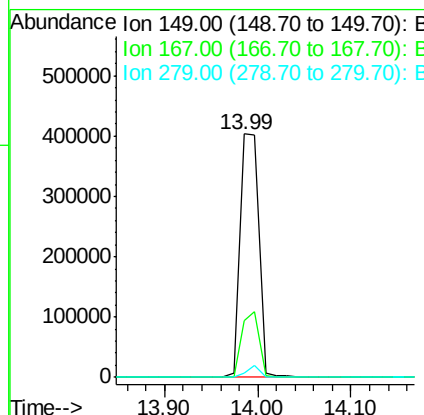
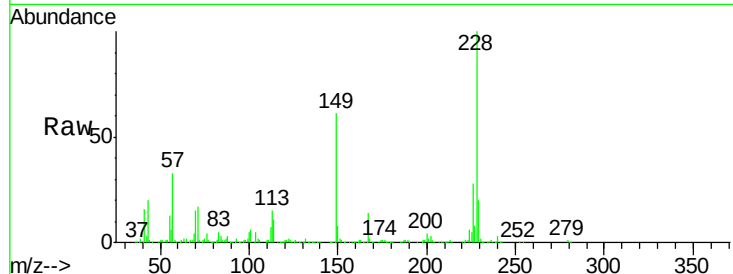
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.93 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567493		
167	23.5	21.8	32.8	
279	1.6	3.4	5.0	

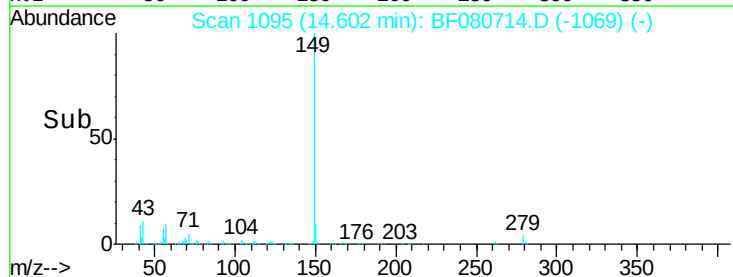
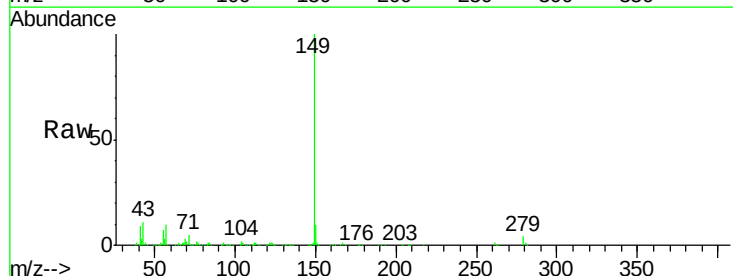
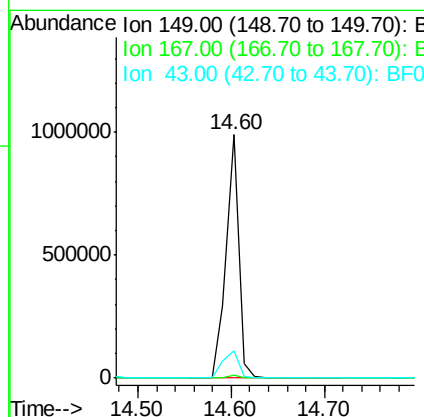
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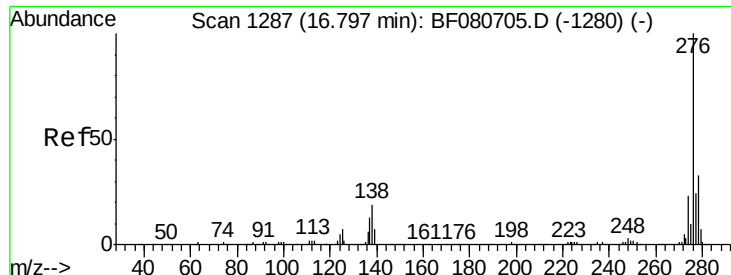
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#84
 Di-n-octyl phthalate
 Concen: 47.91 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	931798		
167	1.4	1.1	1.7	
43	14.2	12.2	18.4	





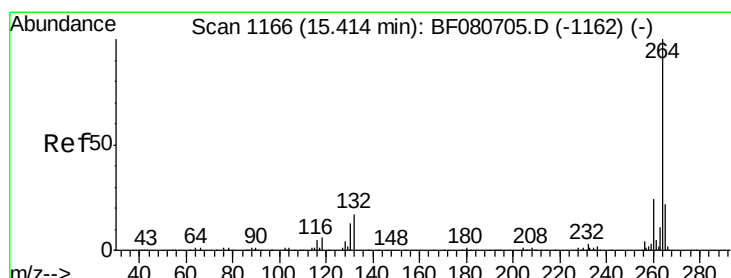
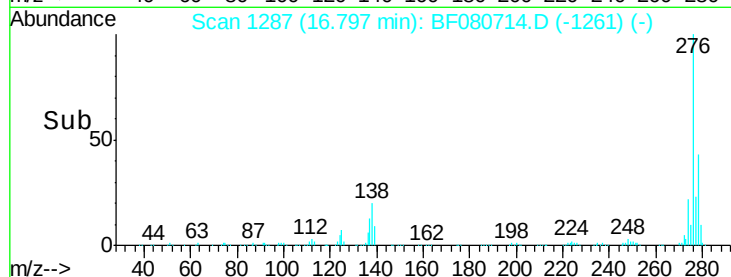
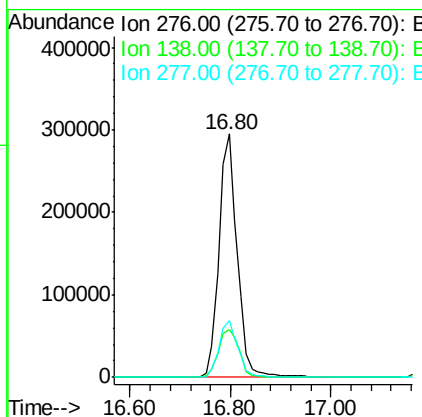
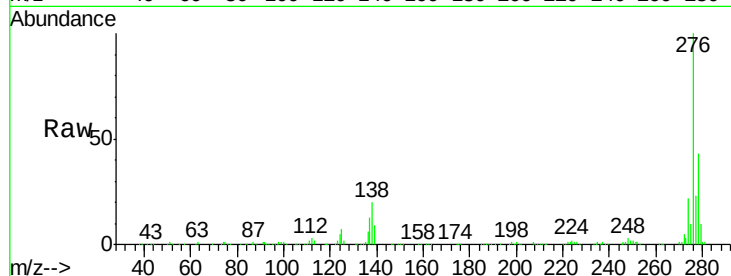
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.85 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.6	13.2	19.8#
277	24.1	15.4	23.2#

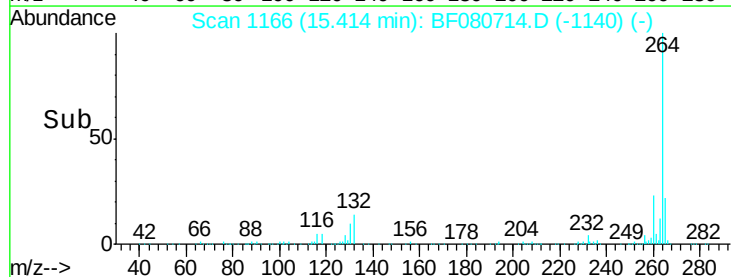
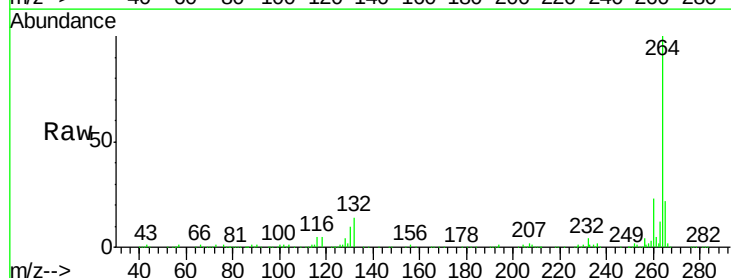
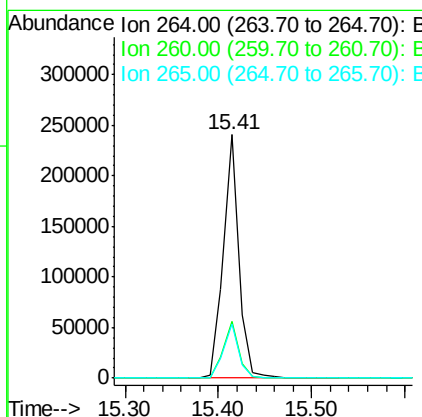
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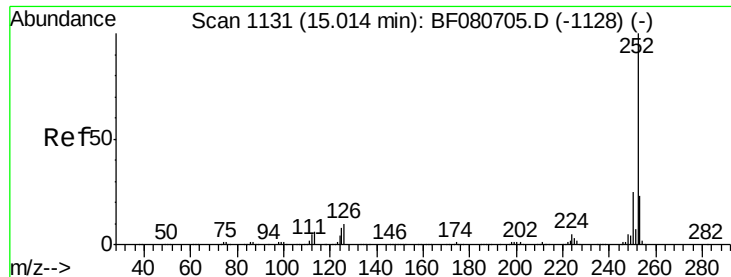
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	19.4	29.0
265	22.1	17.3	25.9





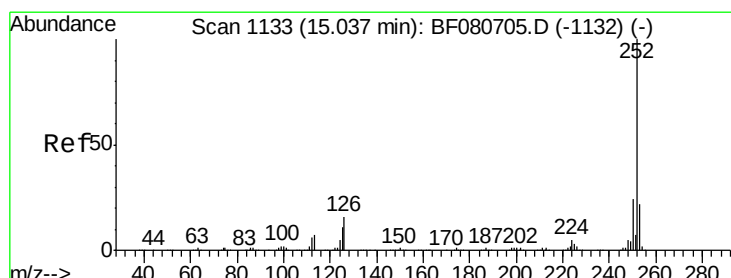
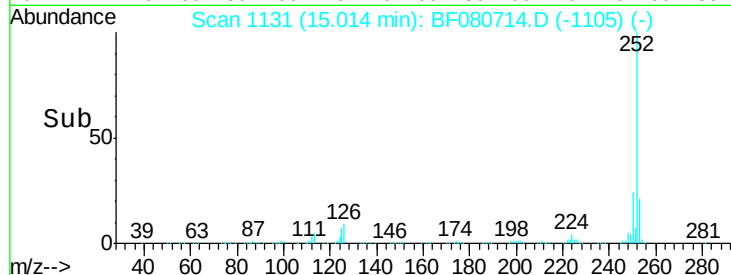
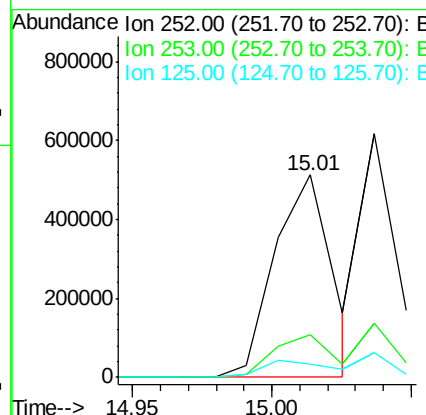
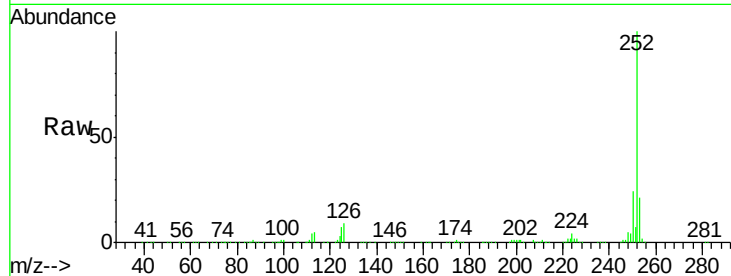
#87
Benzo(b)fluoranthene
Concen: 43.26 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	725977		
253	20.9	18.1	27.1	
125	6.7	6.2	9.2	

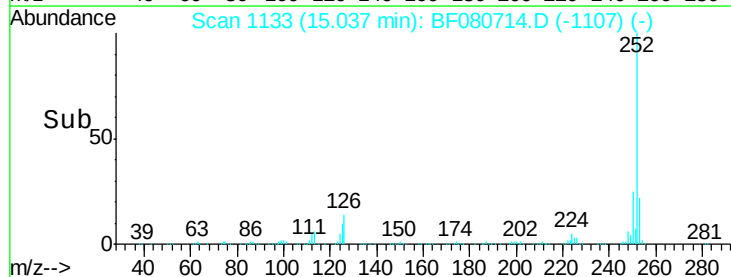
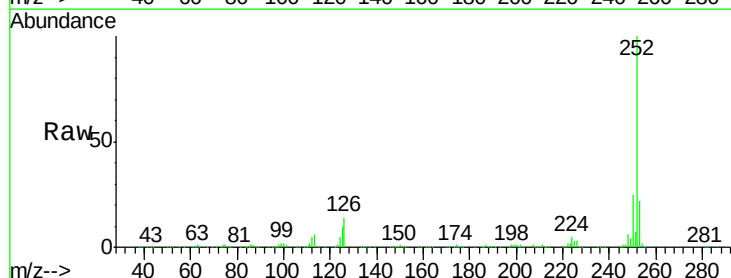
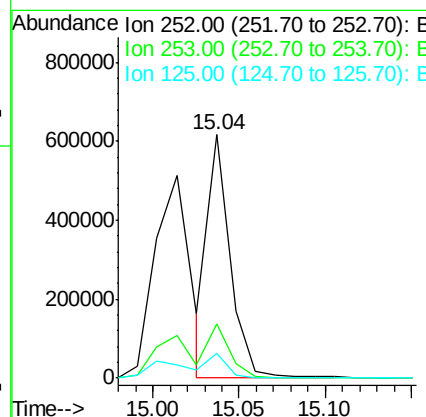
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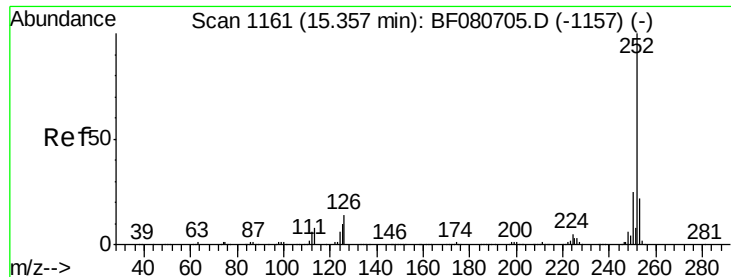
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#88
Benzo(k)fluoranthene
Concen: 40.77 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	563137		
253	22.4	17.8	26.6	
125	10.1	9.0	13.4	





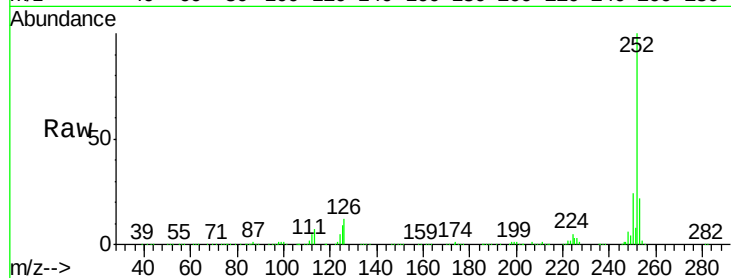
#89
Benzo(a)pyrene
Concen: 45.64 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MSD

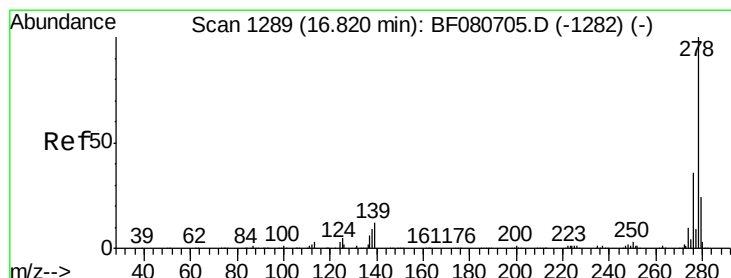
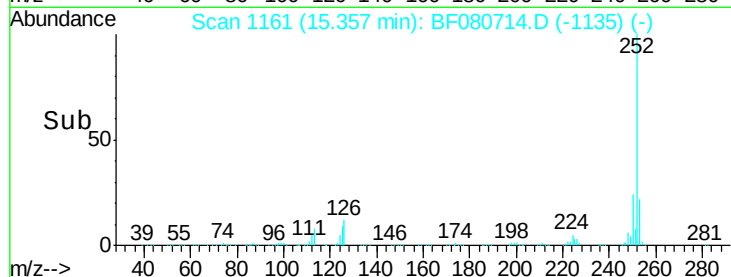
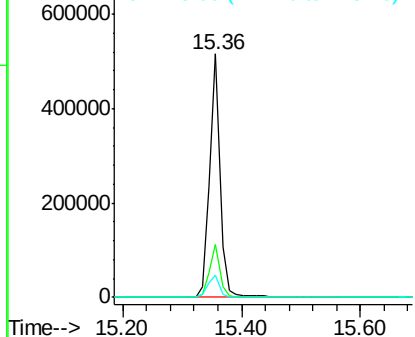
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.0	8.2	12.4

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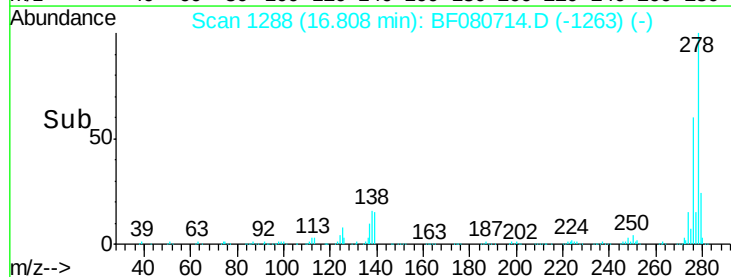
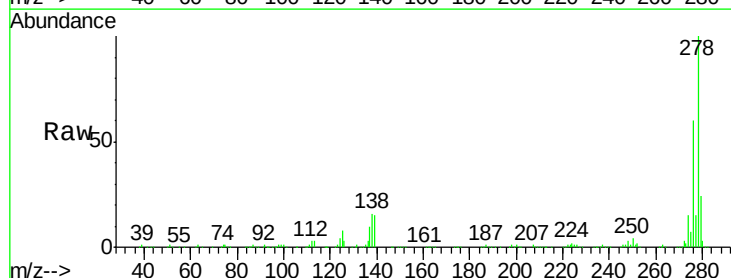
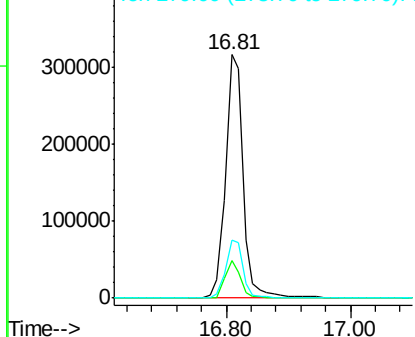
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

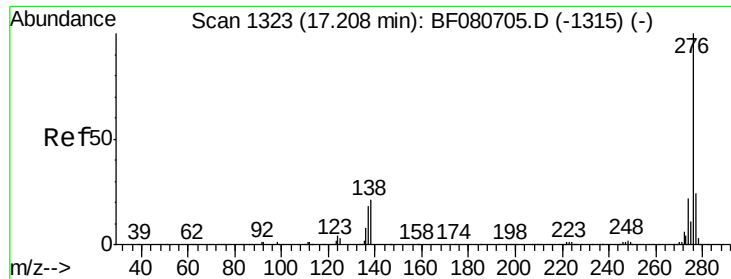


#90
Dibenzo(a,h)anthracene
Concen: 50.33 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080714.D
Acq: 31 Jul 2015 2:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	9.8	14.8#
279	24.1	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 52.61 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080714.D
 Acq: 31 Jul 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MSD

Tgt Ion:	276	Resp:	638570
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.9	28.3
138	21.2	16.9	25.3

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