

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082914.D
 Acq On : 13 Nov 2015 23:22
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:06 PM

Quant Time: Nov 14 05:53:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	195384	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	737493	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	358622	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	592597	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	394809	20.00	ng	-0.05
86) Perylene-d12	15.39	264	441323	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	959809	76.43	ng	-0.02
7) Phenol-d6	6.48	99	1288113	77.16	ng	0.00
23) Nitrobenzene-d5	7.38	82	1202425	70.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	262797	63.91	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1990227	79.54	ng	-0.03
78) Terphenyl-d14	12.92	244	1266197	76.07	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	230602	42.56	ng	96
3) Pyridine	3.06	79	625869	39.81	ng	91
4) n-Nitrosodimethylamine	3.00	42	295934	37.95	ng	# 73
6) Aniline	6.50	93	856458	36.54	ng	98
8) 2-Chlorophenol	6.60	128	515585	37.04	ng	84
9) Benzaldehyde	6.35	77	352131	38.18	ng	88
10) Phenol	6.49	94	805902	42.54	ng	89
11) bis(2-Chloroethyl)ether	6.54	93	536499	37.87	ng	93
12) 1,3-Dichlorobenzene	6.75	146	585773m	37.31	ng	
13) 1,4-Dichlorobenzene	6.83	146	618709m	37.88	ng	
14) 1,2-Dichlorobenzene	6.98	146	505268	34.01	ng	95
15) Benzyl Alcohol	6.97	79	495772	33.82	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	772898	37.20	ng	# 30
17) 2-Methylphenol	7.09	107	436898	37.05	ng	94
18) Hexachloroethane	7.32	117	128139	21.93	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	400230	32.61	ng	90
20) 3+4-Methylphenols	7.24	107	540013	35.23	ng	# 61
22) Acetophenone	7.22	105	780301	36.93	ng	# 98
24) Nitrobenzene	7.40	77	623201	35.95	ng	90
25) Isophorone	7.64	82	1173045	37.41	ng	95
26) 2-Nitrophenol	7.71	139	243202	33.62	ng	# 81
27) 2,4-Dimethylphenol	7.77	122	422980	32.54	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	649026	36.69	ng	# 97
29) 2,4-Dichlorophenol	7.97	162	433719	36.92	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	485704	36.76	ng	98
31) Naphthalene	8.12	128	1454187	35.74	ng	100
32) Benzoic acid	7.89	122	368895	41.45	ng	88
33) 4-Chloroaniline	8.18	127	610163	34.79	ng	# 89
34) Hexachlorobutadiene	8.25	225	301969	36.52	ng	99
35) Caprolactam	8.56	113	153858	41.54	ng	# 71
36) 4-Chloro-3-methylphenol	8.67	107	479529	34.71	ng	89
37) 2-Methylnaphthalene	8.82	142	946219m	35.95	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	411758	34.94	ng	98
42) 2,4,6-Trichlorophenol	9.10	196	328385	37.33	ng	99

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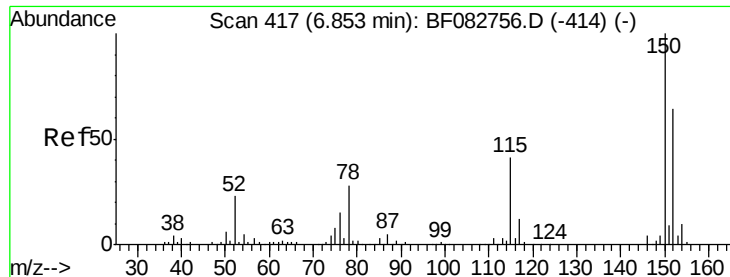
Manual Integrations
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 11/16/2015 12:44:06 PM

Quant Time: Nov 14 05:53:58 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	321433	36.94	ng	# 77
45) 1,1'-Biphenyl	9.28	154	1057920	34.38	ng	95
46) 2-Chloronaphthalene	9.30	162	835084	34.79	ng	96
47) 2-Nitroaniline	9.40	65	368974	41.44	ng	# 67
48) Acenaphthylene	9.72	152	1471653	39.12	ng	98
49) Dimethylphthalate	9.58	163	1087335	37.01	ng	100
50) 2,6-Dinitrotoluene	9.64	165	244891	39.06	ng	89
51) Acenaphthene	9.89	154	866974	36.36	ng	99
52) 3-Nitroaniline	9.81	138	293070	42.50	ng	# 76
53) 2,4-Dinitrophenol	9.92	184	16620	4.83	ng	# 7
54) Dibenzofuran	10.06	168	1252769	38.97	ng	# 85
55) 4-Nitrophenol	9.98	139	162765	30.77	ng	# 78
56) 2,4-Dinitrotoluene	10.04	165	296889	34.90	ng	93
57) Fluorene	10.41	166	981764	37.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	244241	34.40	ng	# 85
59) Diethylphthalate	10.28	149	1041271	36.30	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	456721	35.06	ng	91
61) 4-Nitroaniline	10.42	138	235242	33.93	ng	# 76
62) Azobenzene	10.56	77	1191466	38.66	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	42364	10.03	ng	97
65) n-Nitrosodiphenylamine	10.52	169	890874	41.61	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	300094	42.06	ng	# 89
67) Hexachlorobenzene	10.96	284	315315	39.58	ng	# 65
68) Atrazine	11.05	200	244659	36.96	ng	98
69) Pentachlorophenol	11.15	266	135796	28.07	ng	98
70) Phenanthrene	11.37	178	1320225	38.36	ng	96
71) Anthracene	11.41	178	1312471	36.21	ng	98
72) Carbazole	11.57	167	1204947	37.97	ng	97
73) Di-n-butylphthalate	11.91	149	1524624	38.56	ng	99
74) Fluoranthene	12.55	202	1083228	29.33	ng	97
76) Benzidine	12.67	184	503829	38.08	ng	99
77) Pyrene	12.77	202	1072626	39.56	ng	98
79) Butylbenzylphthalate	13.40	149	548790	45.82	ng	96
80) Benzo(a)anthracene	13.96	228	931774	37.74	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	330253	37.63	ng	99
82) Chrysene	14.00	228	905015	40.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	718669	43.84	ng	# 97
84) Di-n-octyl phthalate	14.58	149	1259160	46.04	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	946725	48.61	ng	# 95
87) Benzo(b)fluoranthene	14.99	252	937708m	33.10	ng	
88) Benzo(k)fluoranthene	15.03	252	971619m	38.66	ng	
89) Benzo(a)pyrene	15.33	252	911836	37.15	ng	# 96
90) Dibenzo(a,h)anthracene	16.79	278	797278	38.36	ng	# 95
91) Benzo(g,h,i)perylene	17.19	276	714692	35.90	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082914.D

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Instrument :

BNA_F

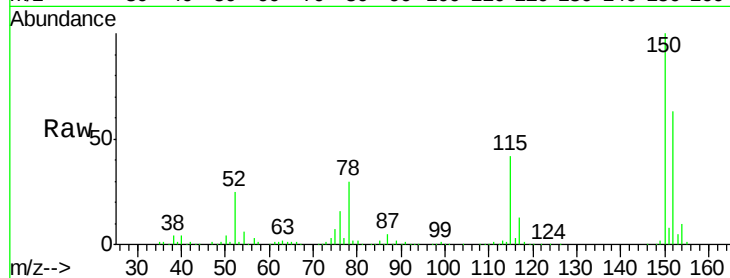
ClientSampleId :

SSTDCCC040EC

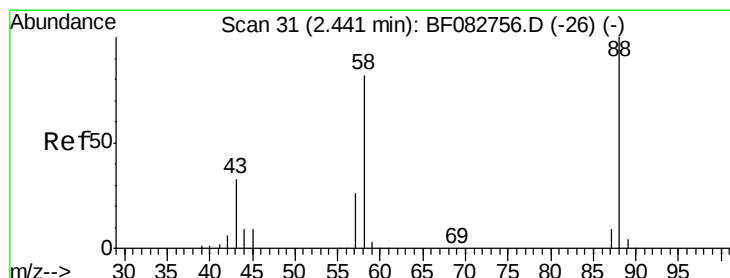
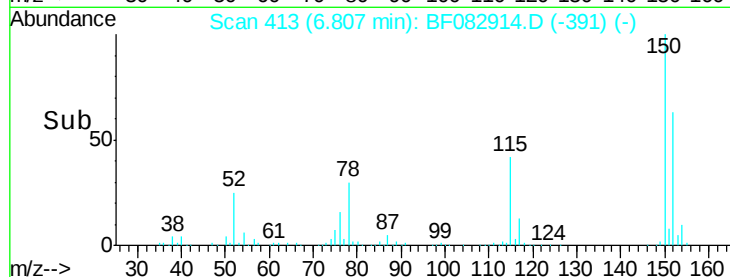
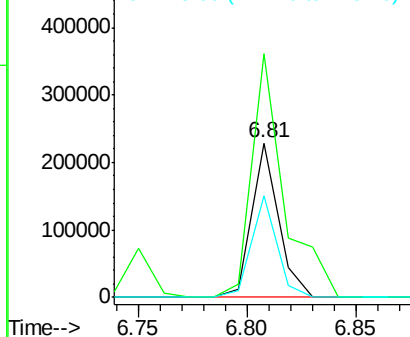
Tgt	Ion	152	Resp:	195384
	Ion	Ratio	Lower	Upper
	152	100		
	150	157.8	127.0	190.4
	115	65.9	47.0	70.6

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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: 42.56 ng

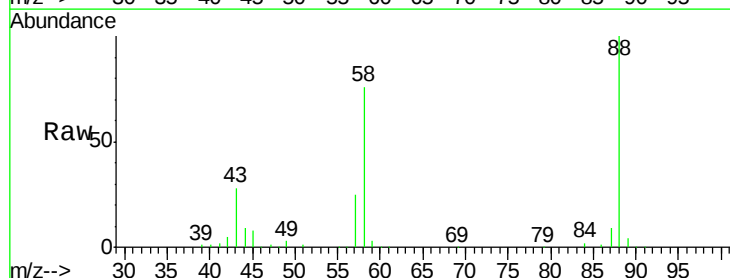
RT: 2.35 min Scan# 23

Delta R.T. -0.09 min

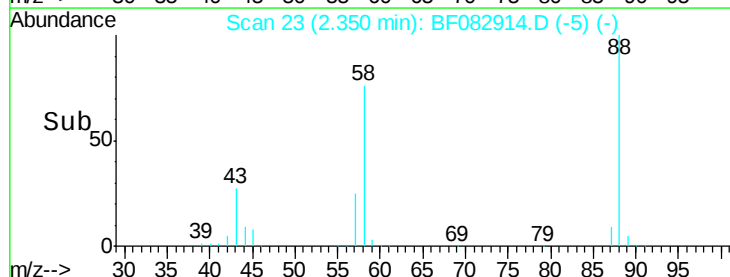
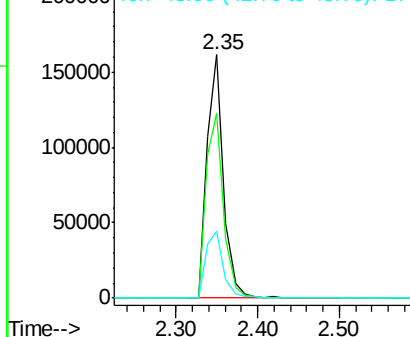
Lab File: BF082914.D

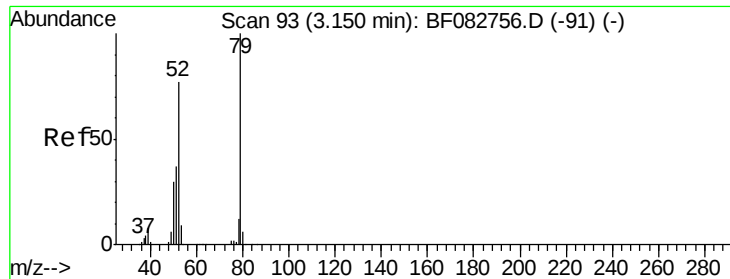
Acq: 13 Nov 2015 23:22

Tgt	Ion	88	Resp:	230602
	Ion	Ratio	Lower	Upper
	88	100		
	58	80.1	62.0	93.0
	43	29.9	26.6	40.0



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





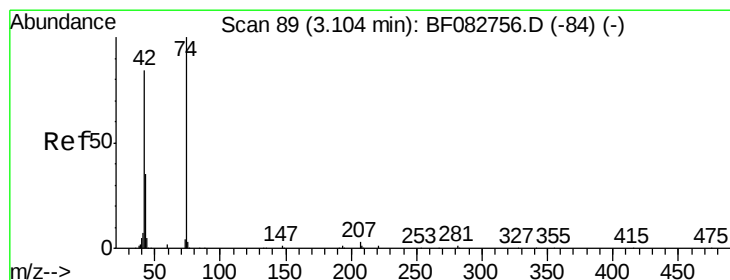
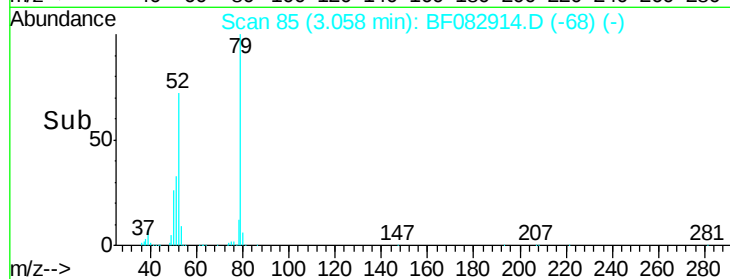
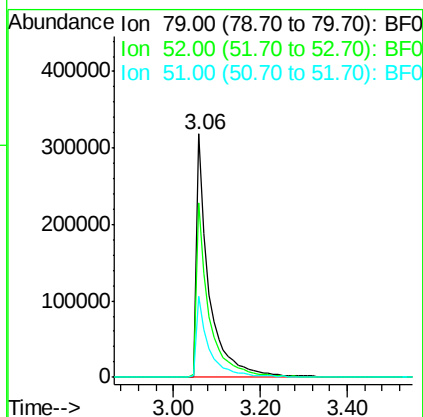
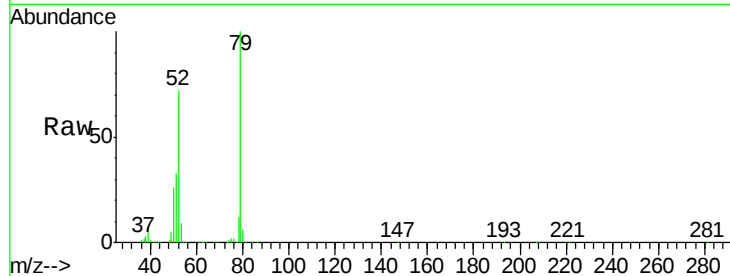
#3
Pyridine
Concen: 39.81 ng
RT: 3.06 min Scan# 85
Delta R.T. -0.10 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	71.7	62.8	94.2
51	33.5	32.0	48.0

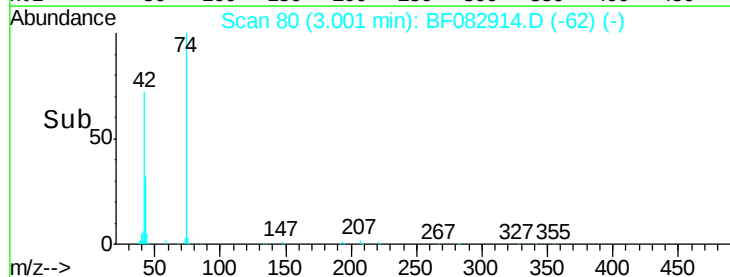
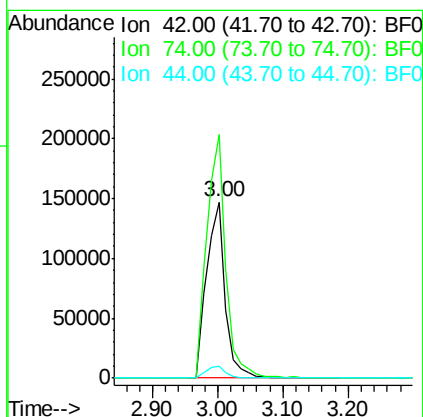
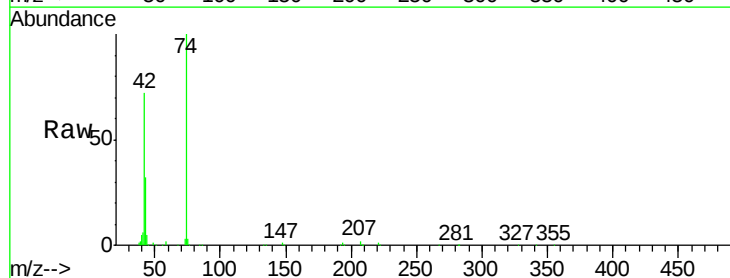
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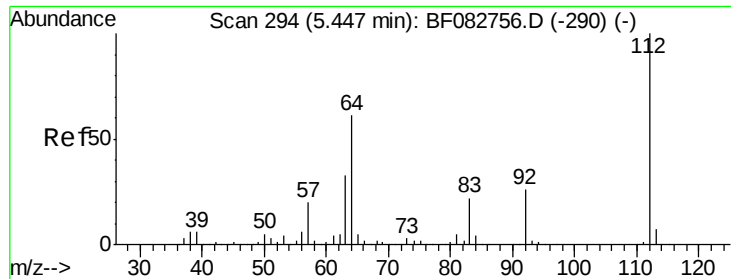
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#4
n-Nitrosodimethylamine
Concen: 37.95 ng
RT: 3.00 min Scan# 80
Delta R.T. -0.09 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.5	87.0	130.4#
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 76.43 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082914.D

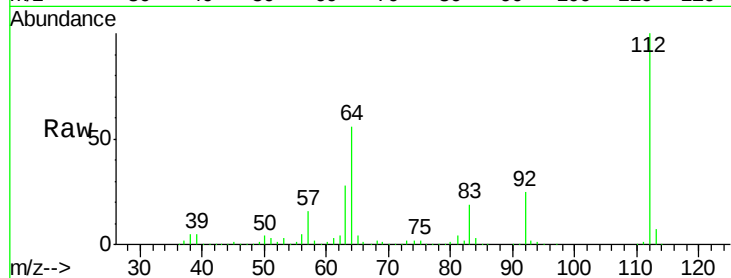
Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

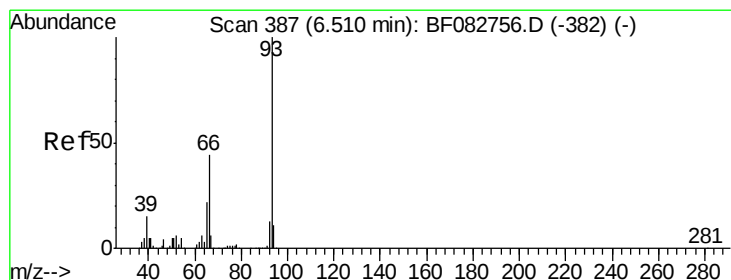
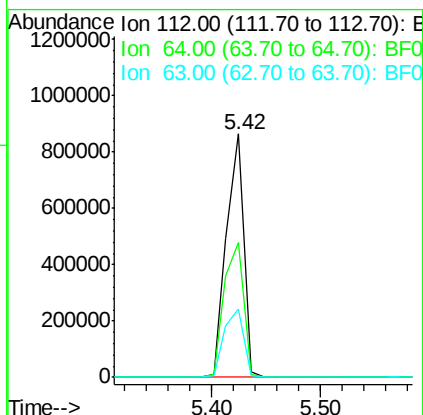
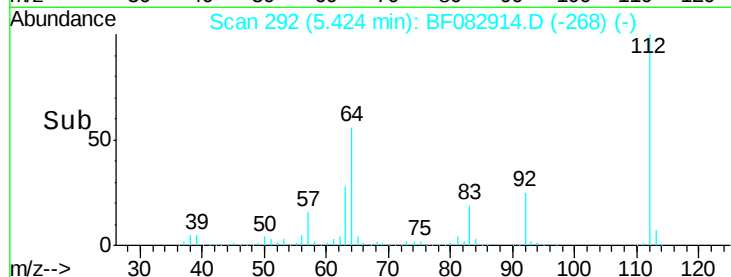
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	959809		
64	55.6	48.9	73.3	
63	28.3	28.1	42.1	

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#6

Aniline

Concen: 36.54 ng

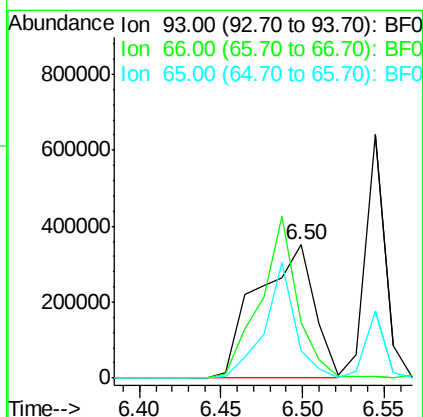
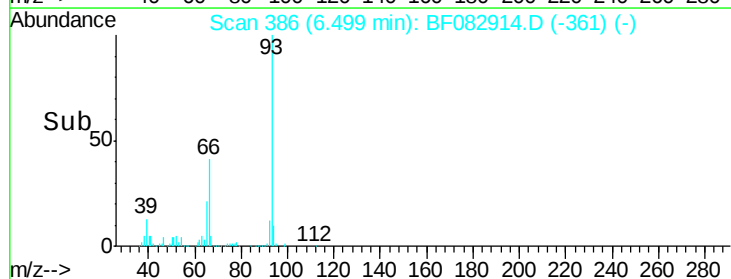
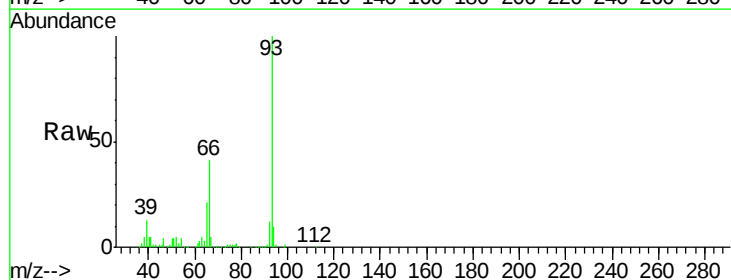
RT: 6.50 min Scan# 386

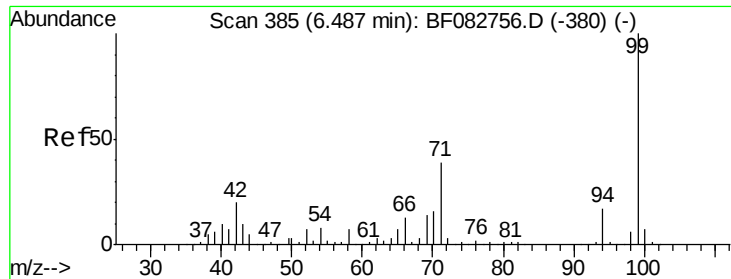
Delta R.T. -0.01 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	856458		
66	41.3	33.6	50.4	
65	20.5	18.1	27.1	





#7

Phenol-d6

Concen: 77.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1288113

Ion Ratio Lower Upper

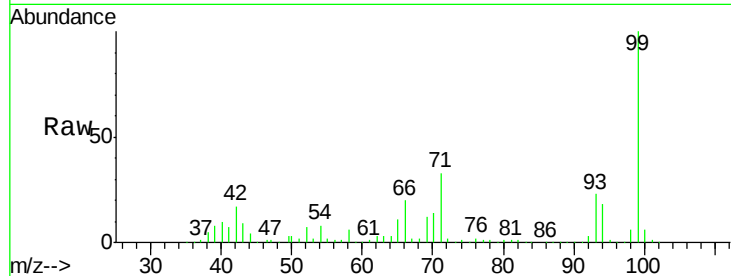
99 100

42 17.0 19.2 28.8#

71 33.1 35.0 52.4#

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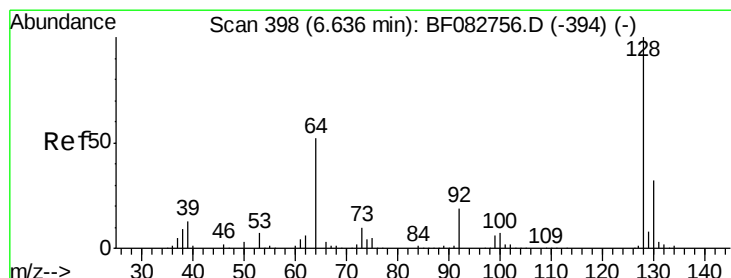
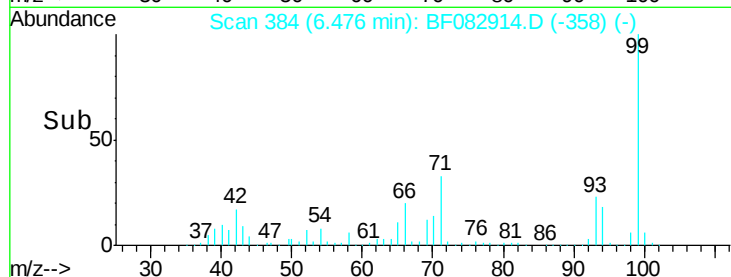
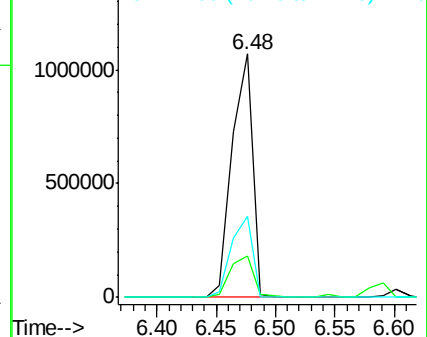
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.04 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

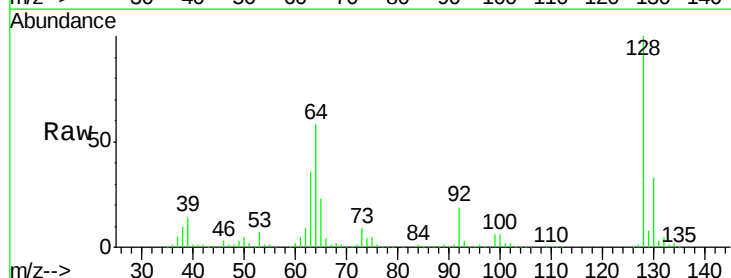
Tgt Ion: 128 Resp: 515585

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

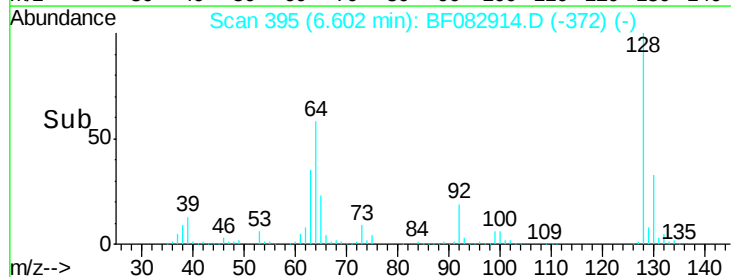
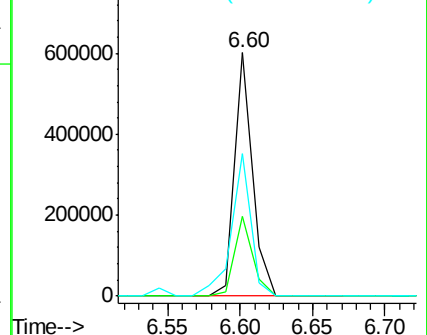
64 58.4 21.1 61.1

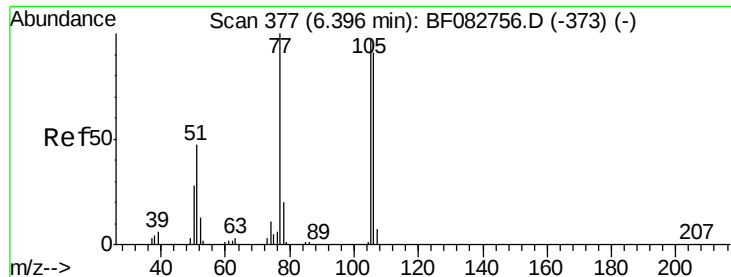


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.18 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082914.D

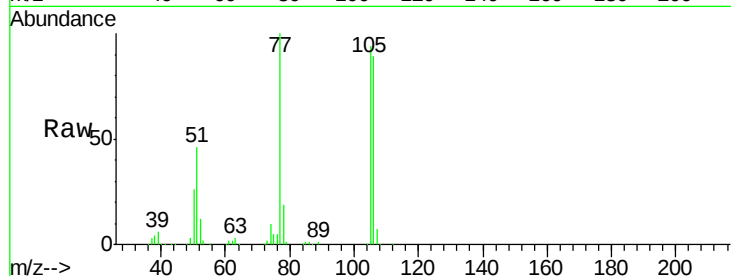
Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

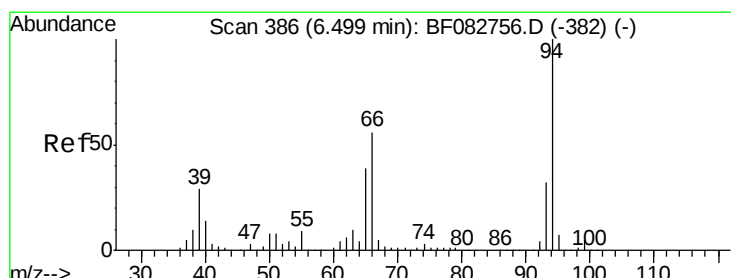
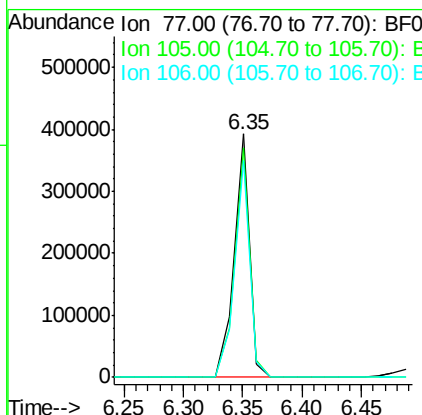
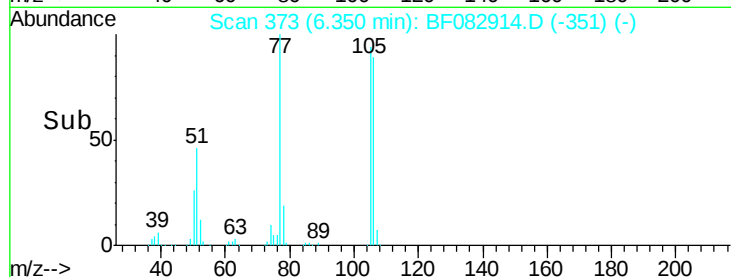
SSTDCCC040EC



Tgt Ion:	77	Resp:	352131
Ion Ratio	Lower	Upper	
77	100		
105	94.3	63.5	103.5
106	89.0	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 42.54 ng

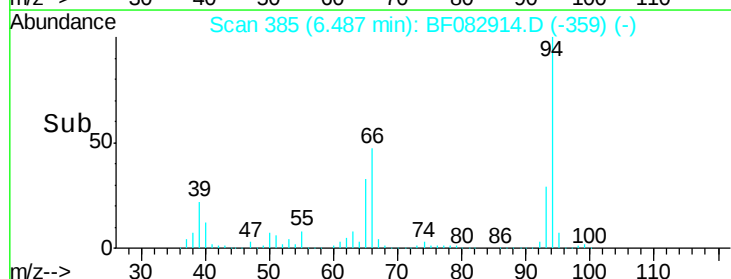
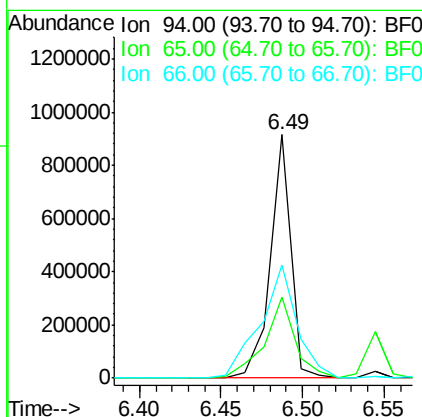
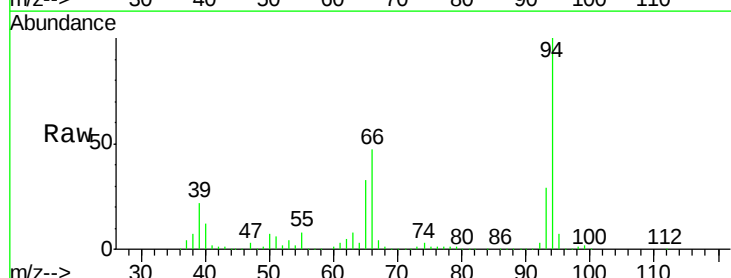
RT: 6.49 min Scan# 385

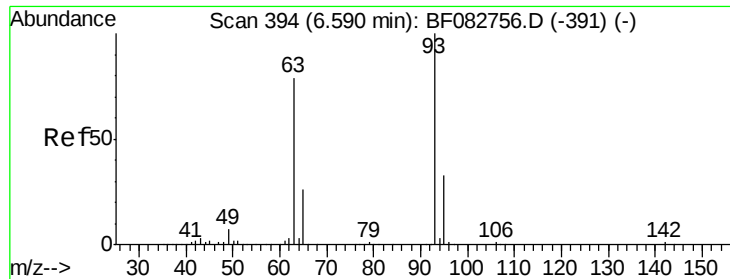
Delta R.T. 0.00 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	94	Resp:	805902
Ion Ratio	Lower	Upper	
94	100		
65	33.1	18.9	58.9
66	46.6	34.9	74.9





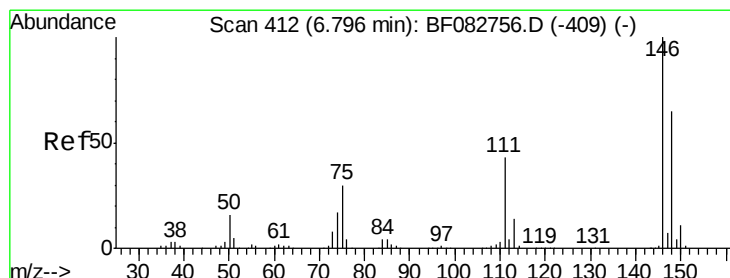
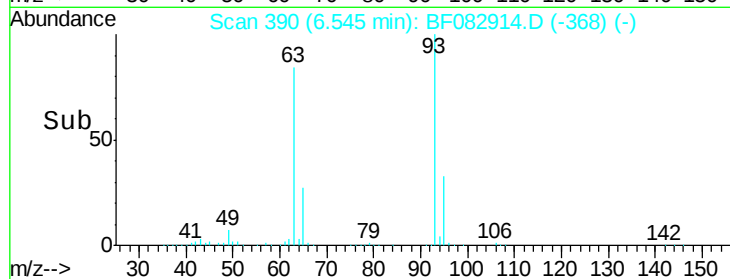
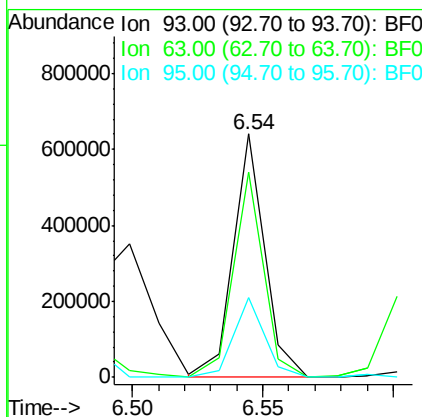
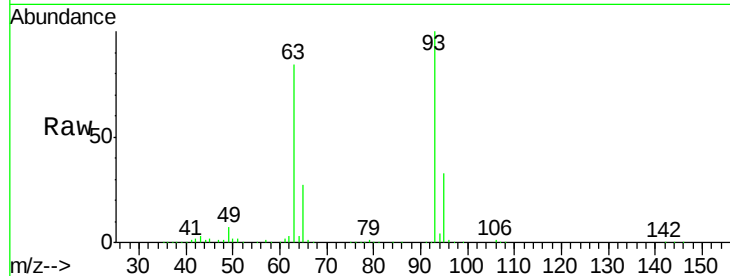
#11
bis(2-Chloroethyl)ether
Concen: 37.87 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	536499		
63	84.3	72.7	112.7	
95	32.7	12.0	52.0	

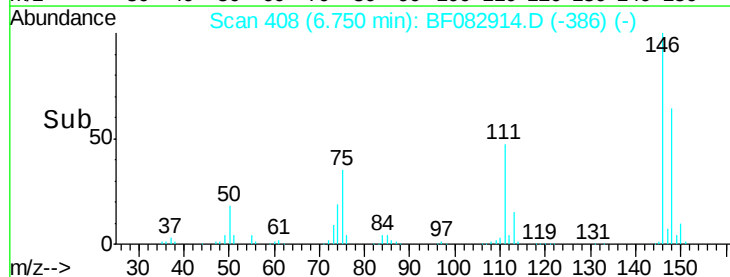
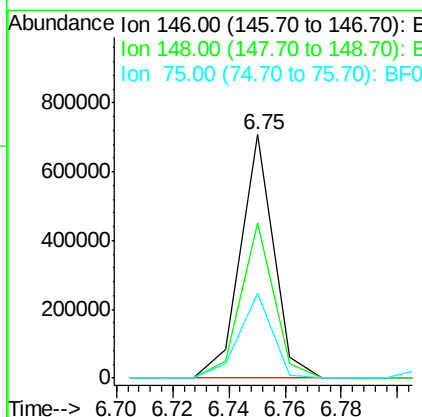
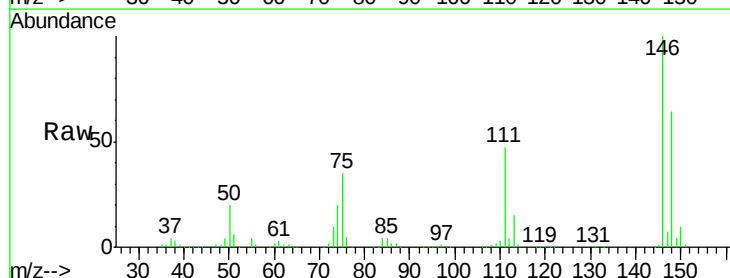
Manual Integrations
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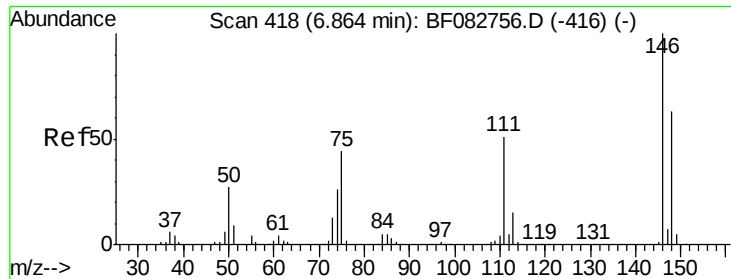
Mmdadoda
11/16/2015 12:44:06 PM



#12
1,3-Dichlorobenzene
Concen: 37.31 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	585773		
148	63.8	50.5	75.7	
75	35.0	39.5	59.3	





#13

1,4-Dichlorobenzene

Concen: 37.88 ng m

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

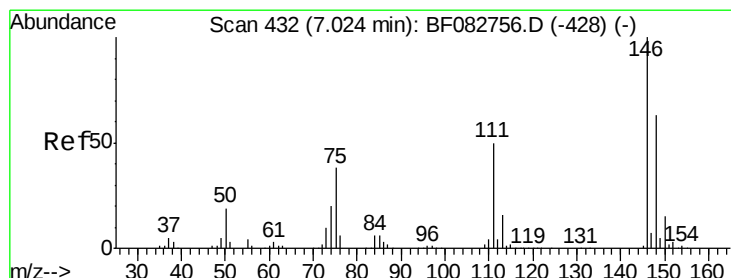
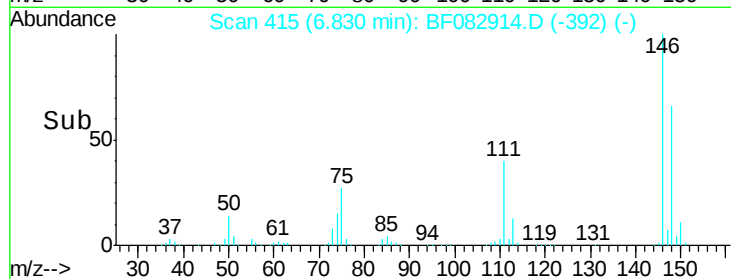
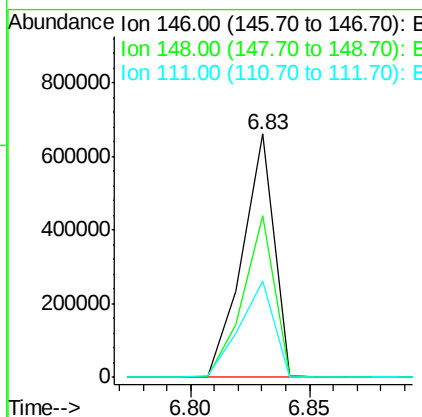
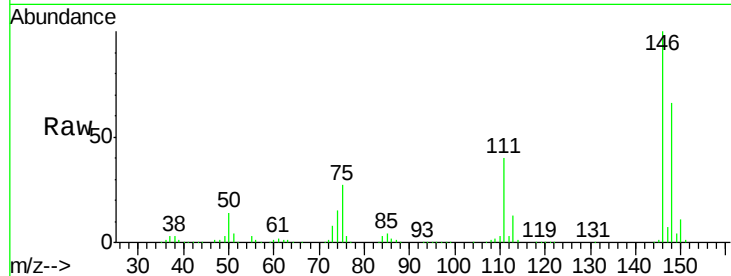
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	618709
Ion Ratio	Lower	Upper	
146	100		
148	66.4	50.8	76.2
111	39.6	40.6	60.8#

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#14

1,2-Dichlorobenzene

Concen: 34.01 ng

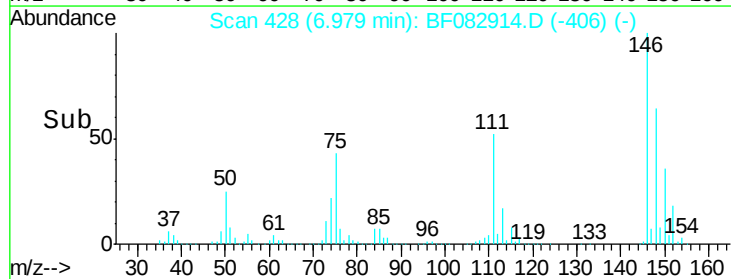
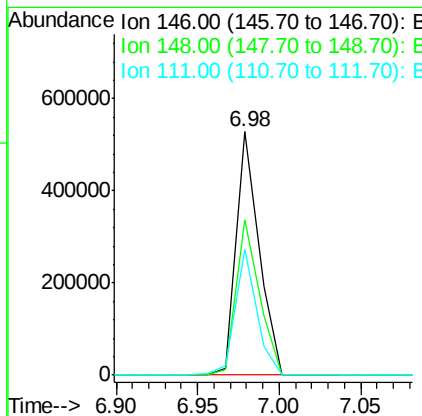
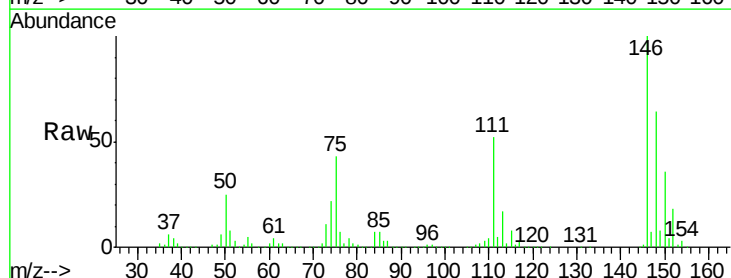
RT: 6.98 min Scan# 428

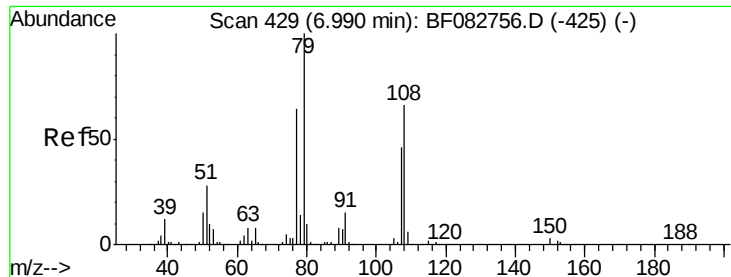
Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	146	Resp:	505268
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.4
111	51.9	36.6	55.0





#15

Benzyl Alcohol

Concen: 33.82 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

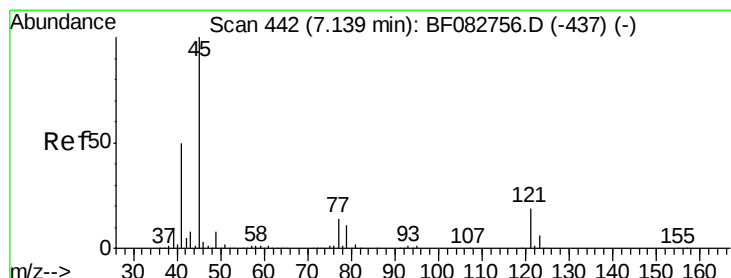
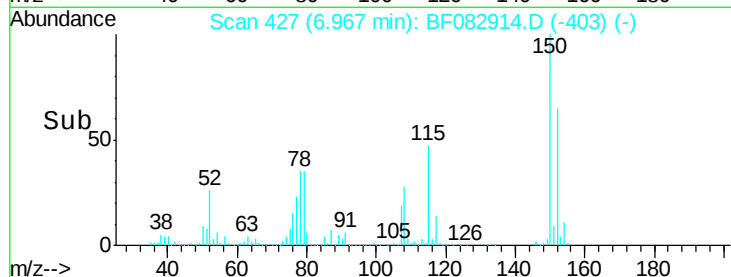
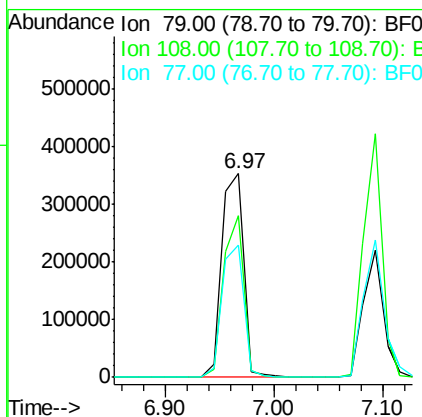
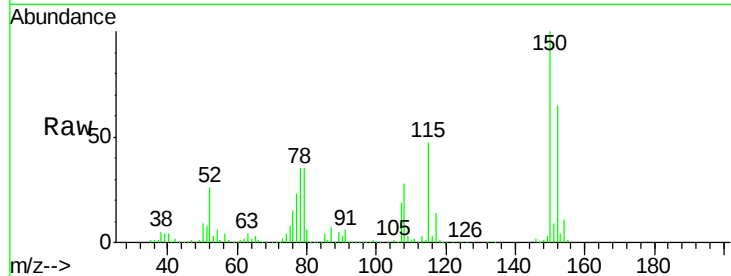
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	79	Resp:	495772
Ion Ratio	Lower	Upper	
79	100		
108	79.6	52.2	78.4#
77	65.2	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.20 ng

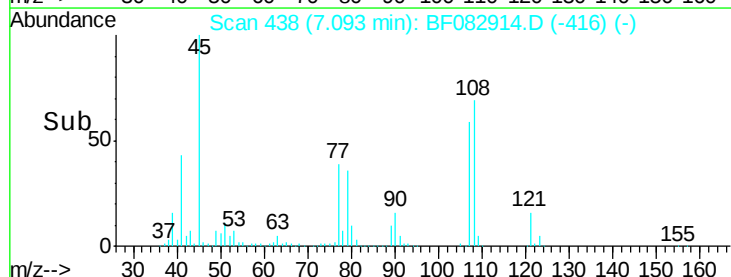
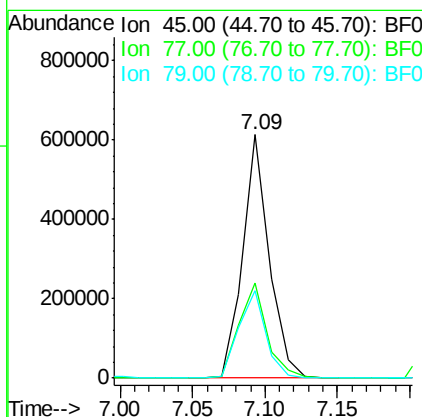
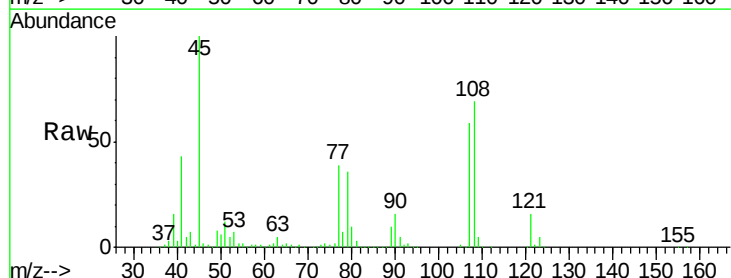
RT: 7.09 min Scan# 438

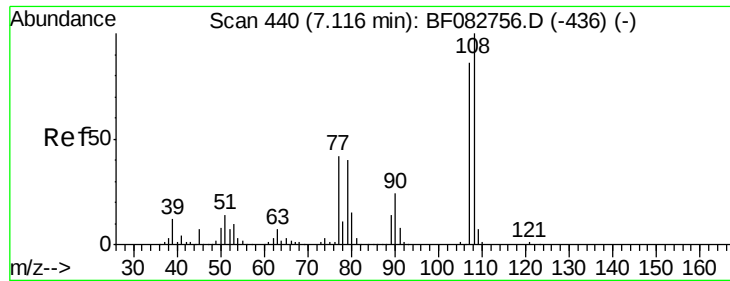
Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	45	Resp:	772898
Ion Ratio	Lower	Upper	
45	100		
77	38.8	0.0	32.6#
79	36.1	0.0	29.2#





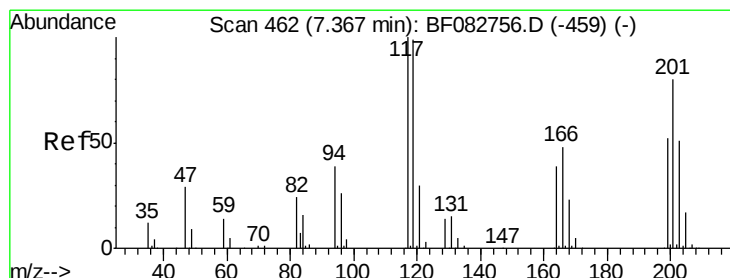
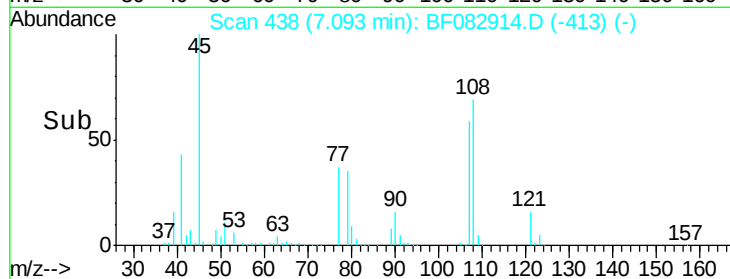
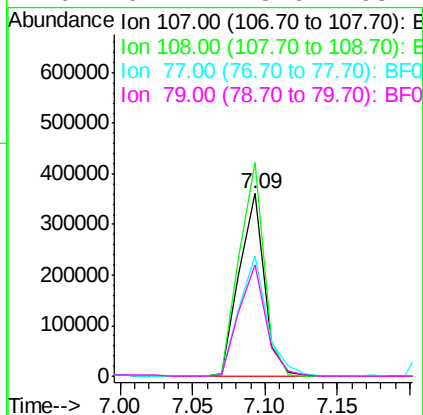
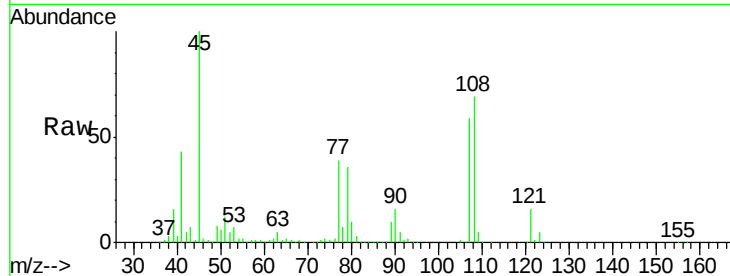
#17
2-Methylphenol
Concen: 37.05 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	436898		
108	117.0	93.0	139.4	
77	66.0	44.1	66.1	
79	61.4	43.6	65.4	

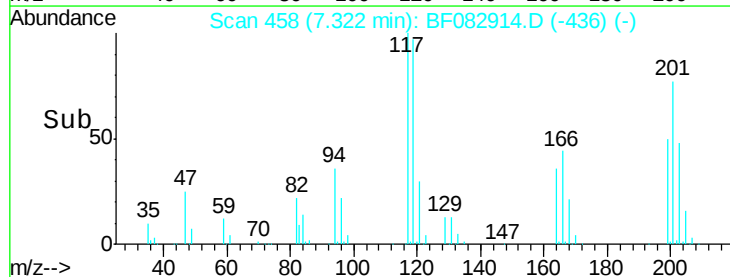
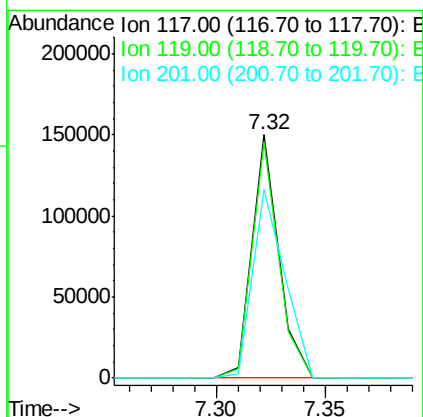
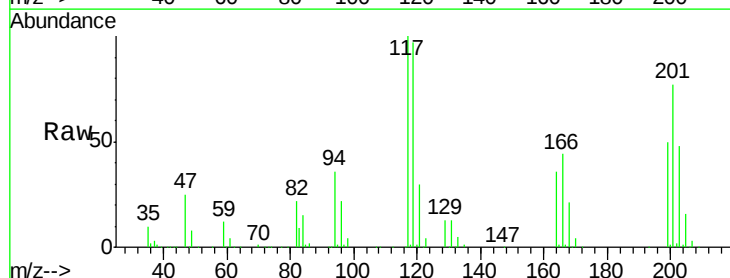
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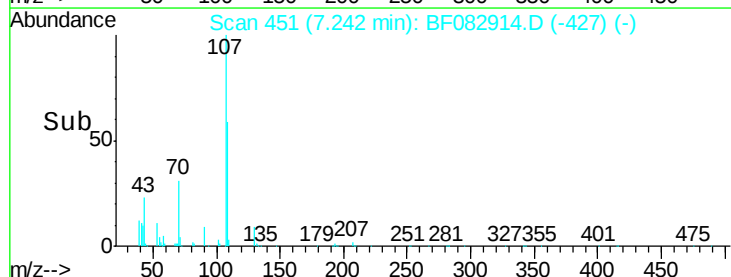
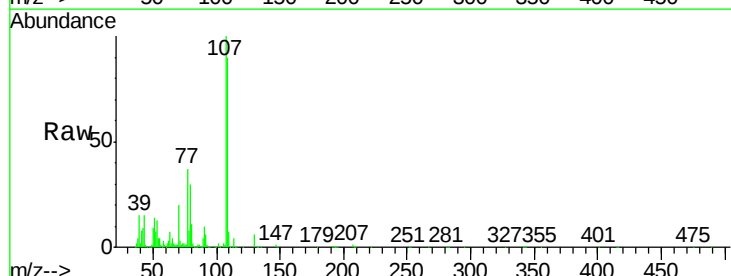
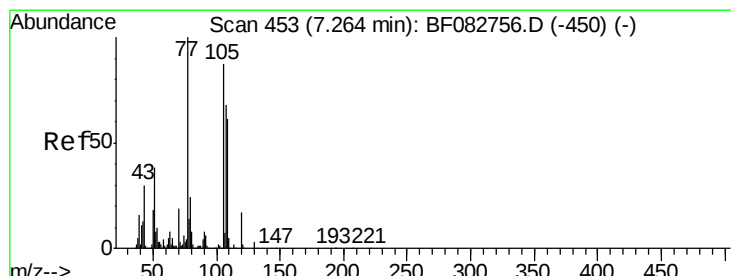
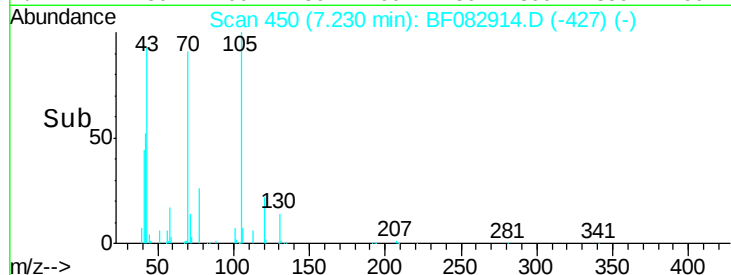
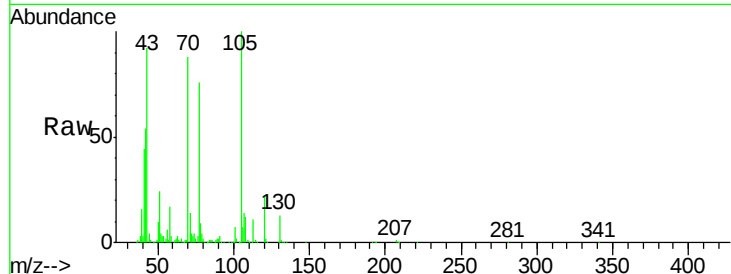
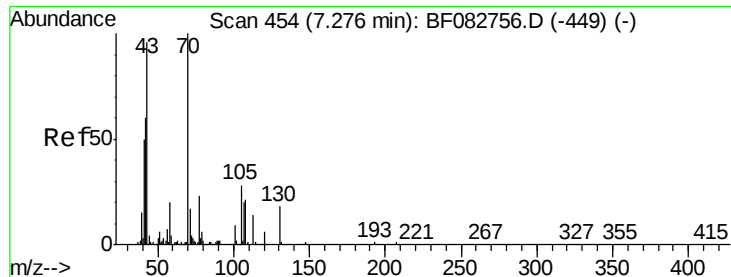
Mmdadoda
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#18
Hexachloroethane
Concen: 21.93 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128139		
119	96.8	77.7	116.5	
201	77.3	66.7	100.1	

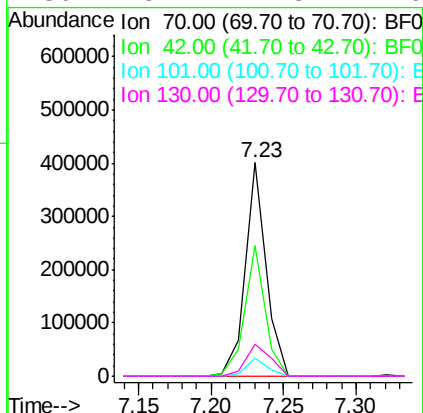




#19
n-Nitroso-di-n-propylamine
Concen: 32.61 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.0	57.7	86.5
101	8.2	7.0	10.6
130	15.2	11.8	17.6

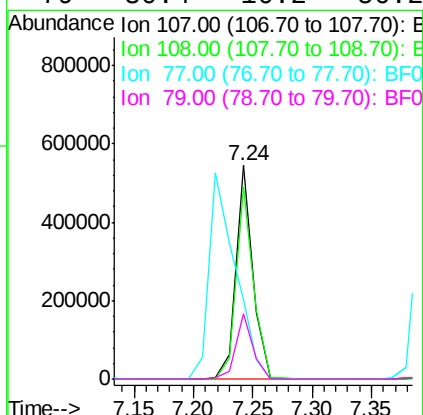


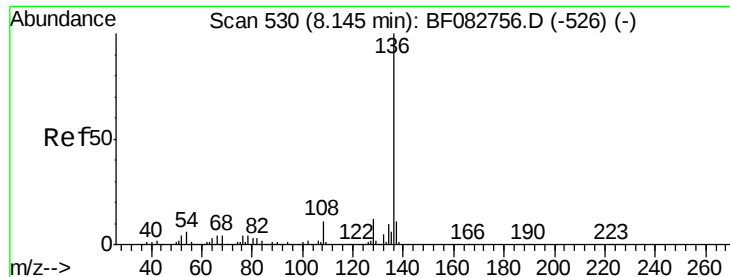
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#20
3+4-Methylphenols
Concen: 35.23 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.3	107.3
77	36.9	100.3	140.3#
79	30.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF082914.D

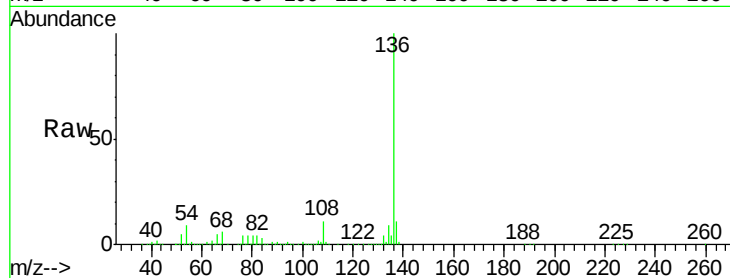
Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

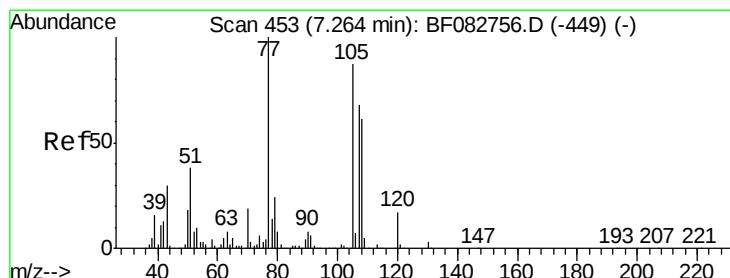
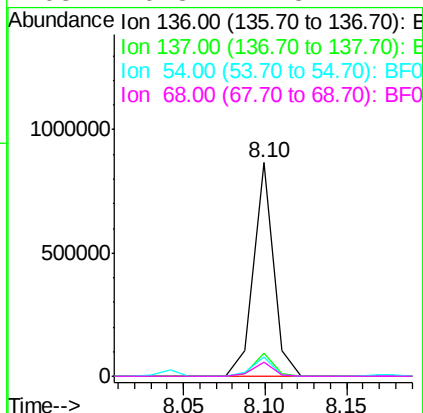
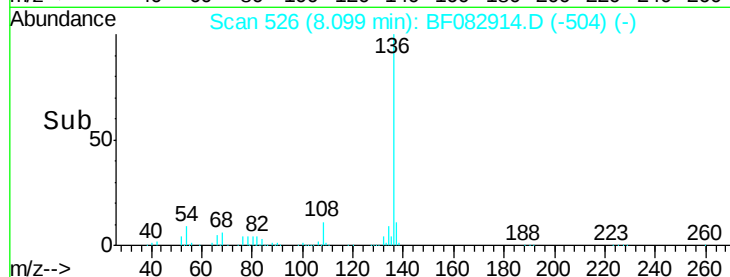
SSTDCCC040EC



Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		737493		
137	11.1	9.1	13.7		
54	9.2	9.1	13.7		
68	6.3	4.8	7.2		

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#22

Acetophenone

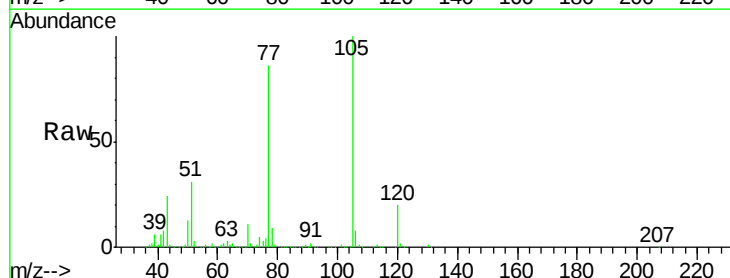
Concen: 36.93 ng

RT: 7.22 min Scan# 449

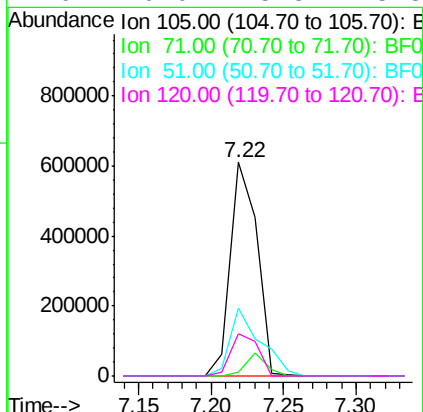
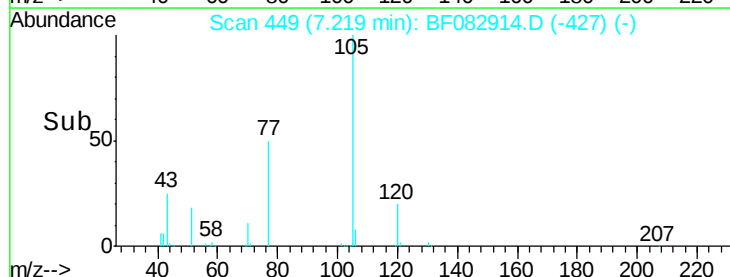
Delta R.T. -0.05 min

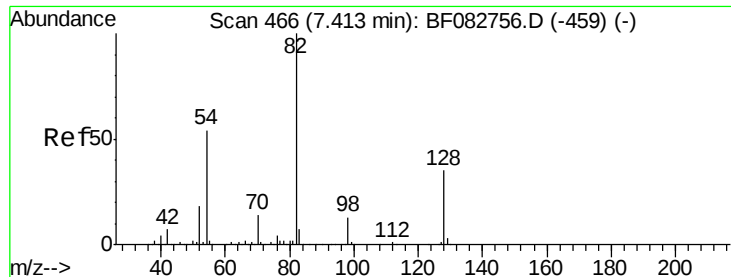
Lab File: BF082914.D

Acq: 13 Nov 2015 23:22



Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		780301		
71	1.8	5.6	8.4#		
51	31.5	24.9	37.3		
120	20.0	15.8	23.8		





#23

Nitrobenzene-d5

Concen: 70.94 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1202425

Ion Ratio Lower Upper

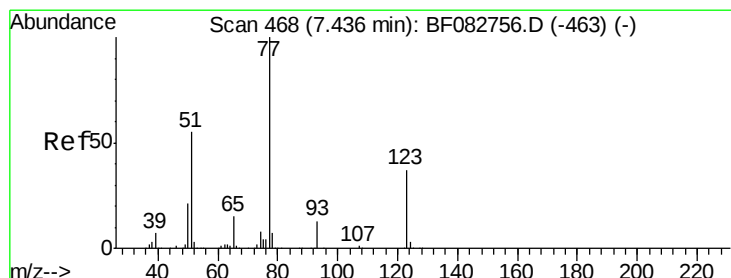
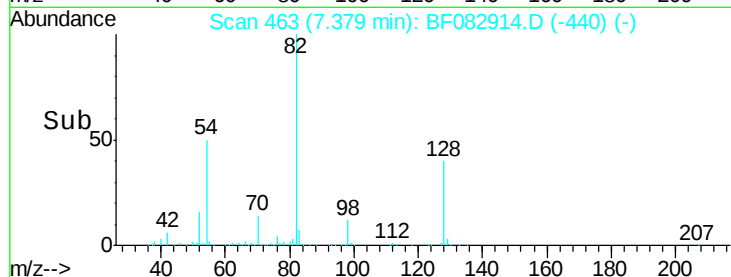
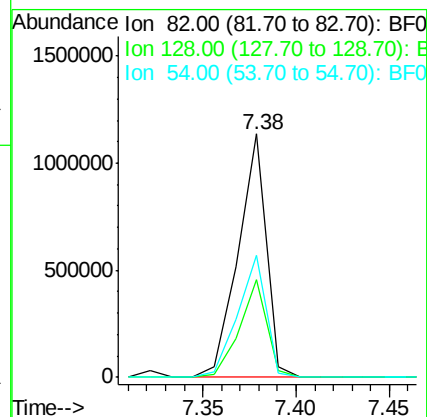
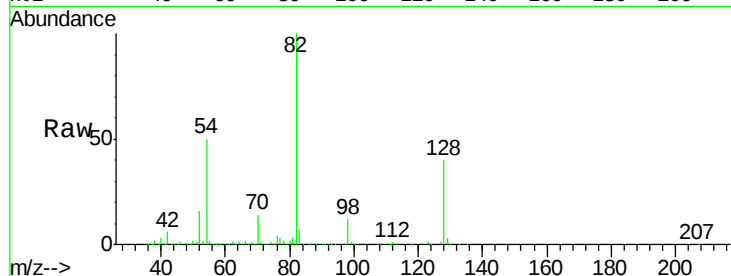
82 100

128 40.0 26.8 40.2

54 50.2 45.7 68.5

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#24

Nitrobenzene

Concen: 35.95 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

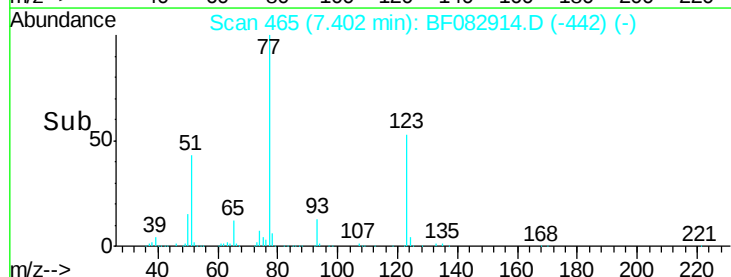
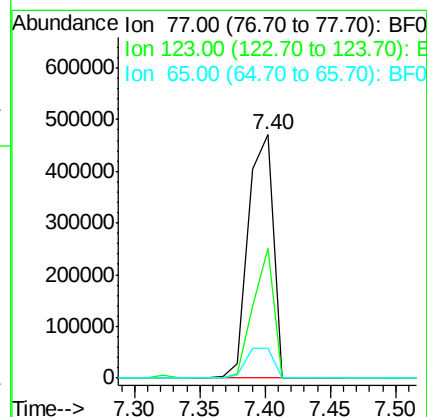
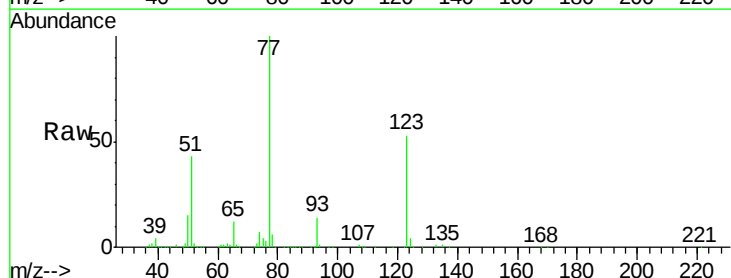
Tgt Ion: 77 Resp: 623201

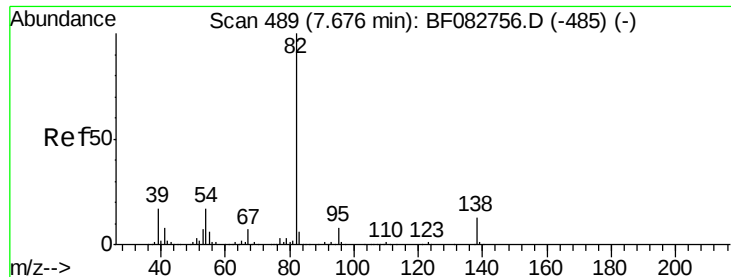
Ion Ratio Lower Upper

77 100

123 53.3 36.4 54.6

65 12.3 11.5 17.3





#25

Isophorone

Concen: 37.41 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

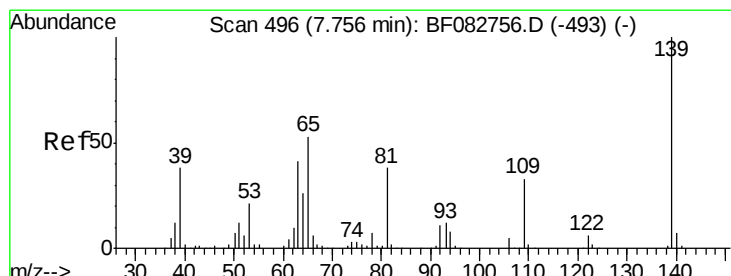
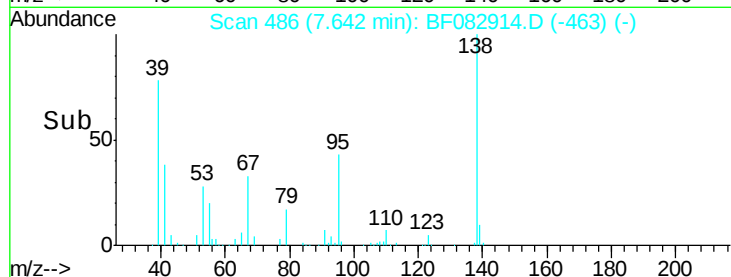
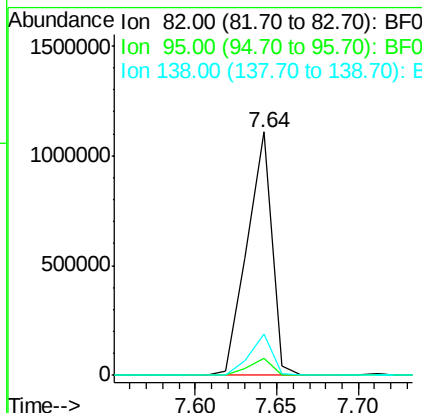
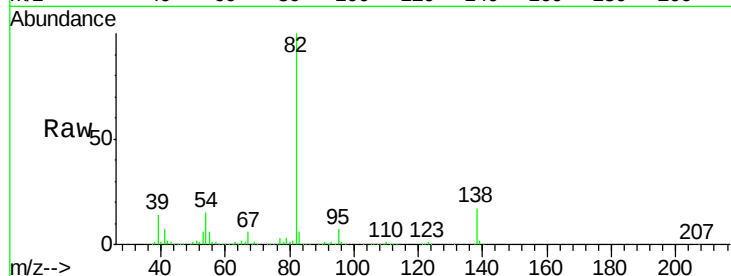
SSTDCCC040EC

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Tgt Ion:	82	Resp:	1173045
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.6	9.8
138	16.9	11.4	17.0



#26

2-Nitrophenol

Concen: 33.62 ng

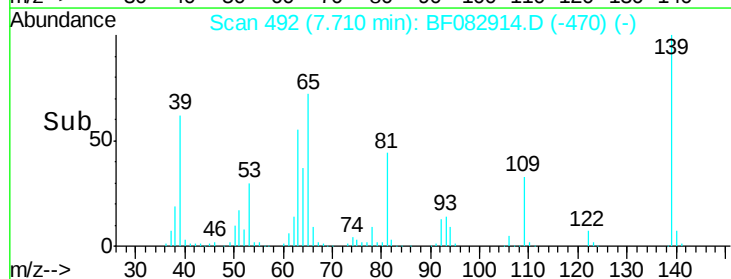
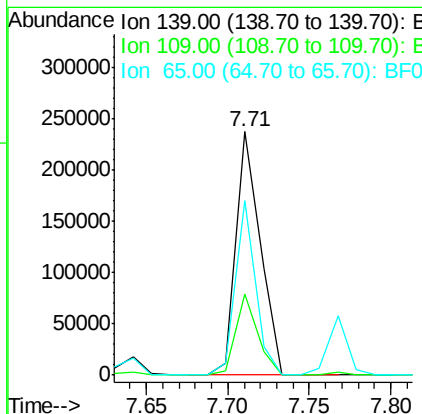
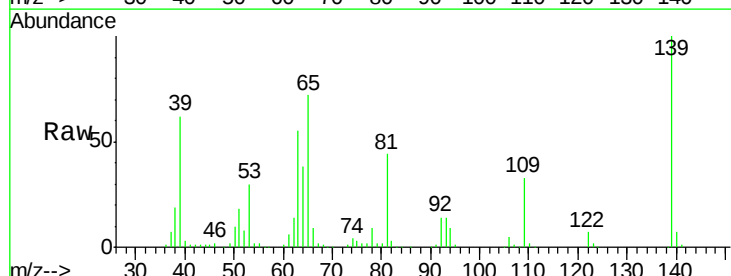
RT: 7.71 min Scan# 492

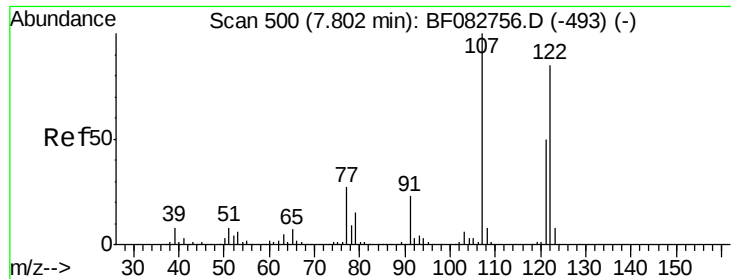
Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	139	Resp:	243202
Ion	Ratio	Lower	Upper
139	100		
109	33.0	37.6	56.4#
65	71.9	70.6	105.8





#27

2,4-Dimethylphenol

Concen: 32.54 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

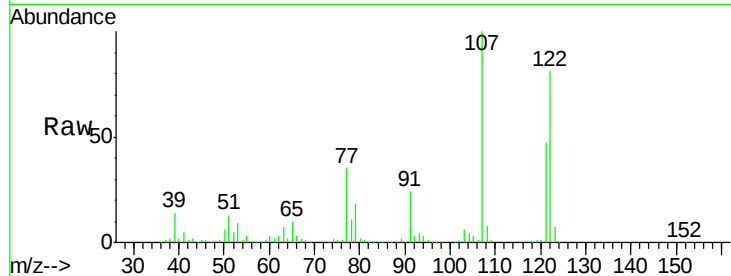
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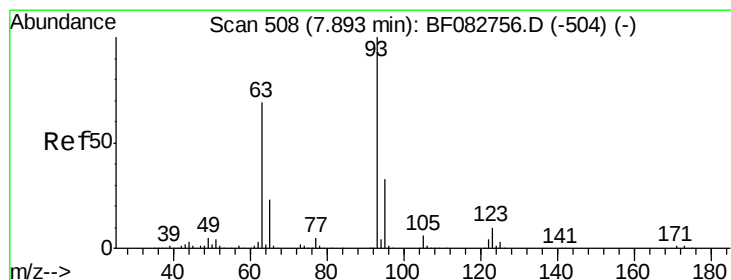
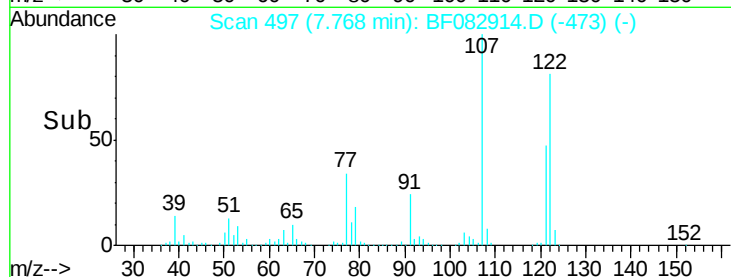
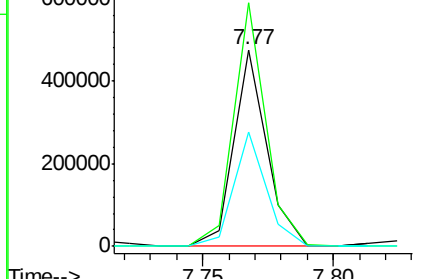
Tgt Ion:	122	Resp:	422980
Ion Ratio	Lower	Upper	
122	100		
107	123.9	106.0	159.0
121	58.4	46.7	70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.69 ng

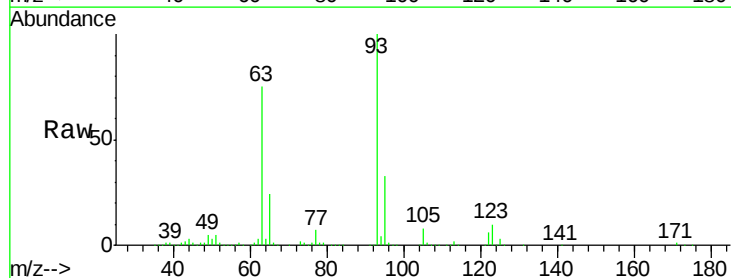
RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

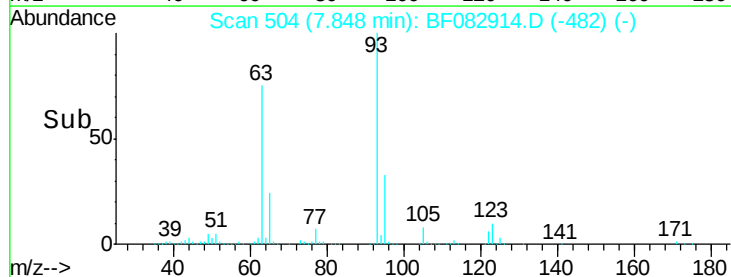
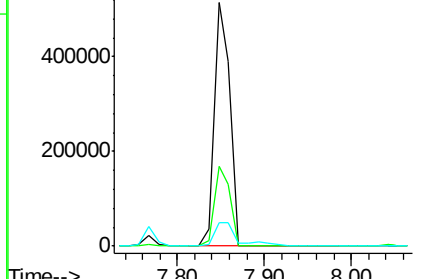
Tgt Ion:	93	Resp:	649026
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	40.0
123	9.6	9.7	14.5#

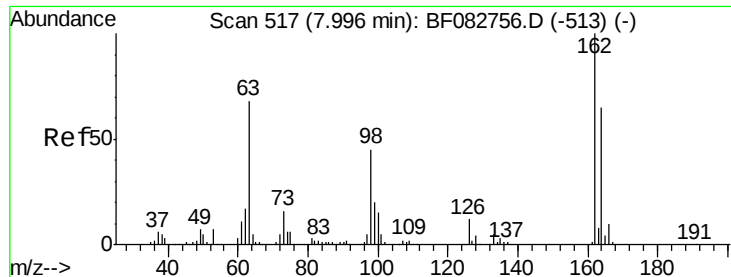


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





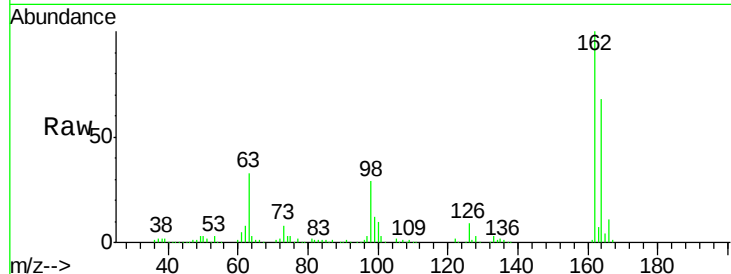
#29
 2,4-Dichlorophenol
 Concen: 36.92 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	433719		
164	67.6	46.8	86.8	
98	29.0	12.5	52.5	

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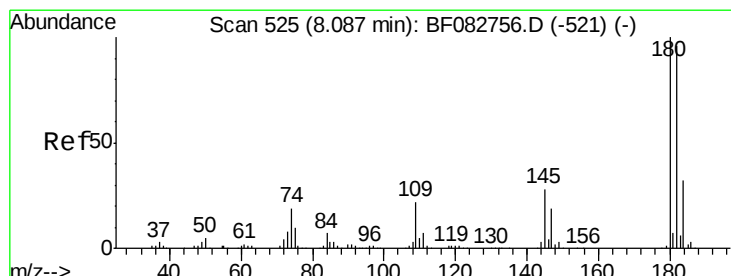
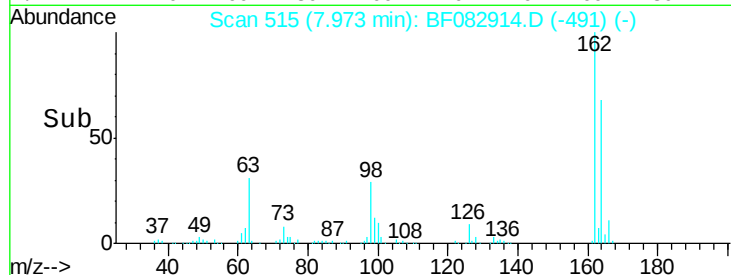
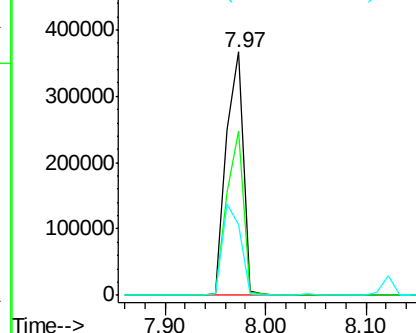


Abundance

Ion 162.00 (161.70 to 162.70): E

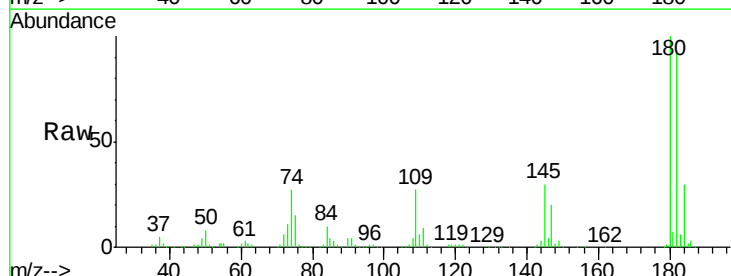
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.76 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	485704		
182	93.4	74.9	112.3	
145	30.2	27.8	41.8	

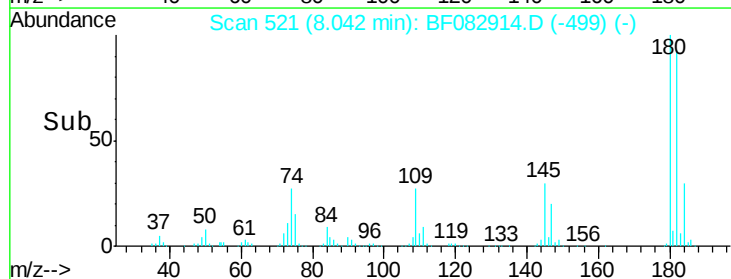
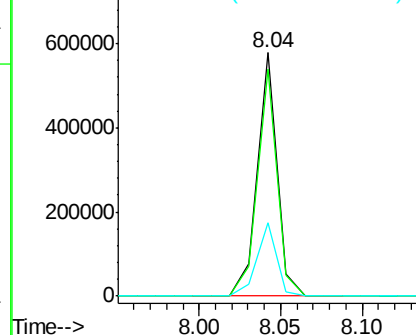


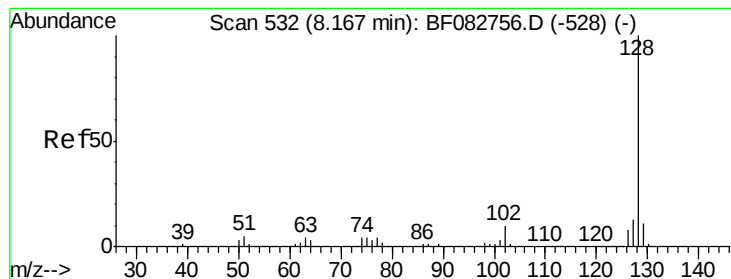
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.74 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1454187

Ion Ratio Lower Upper

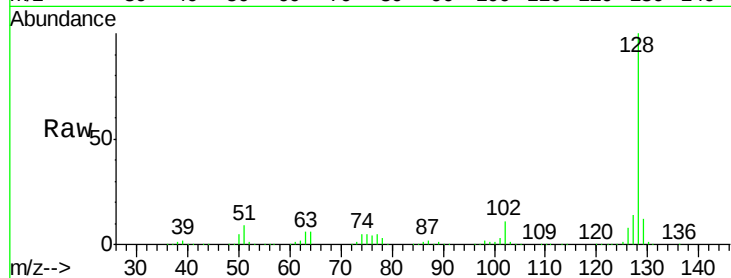
128 100

129 11.9 9.5 14.3

127 13.9 11.4 17.0

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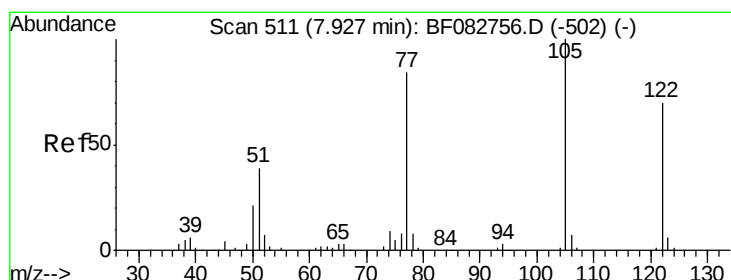
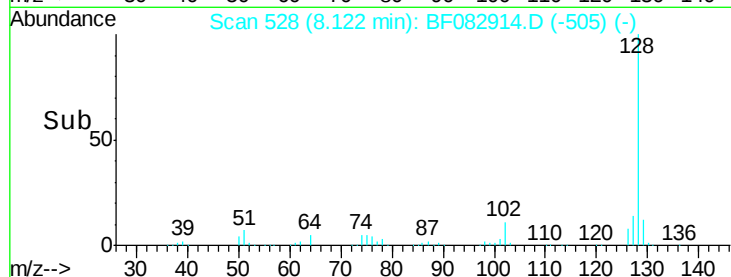
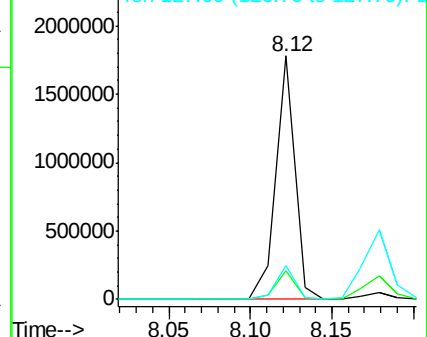
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.45 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

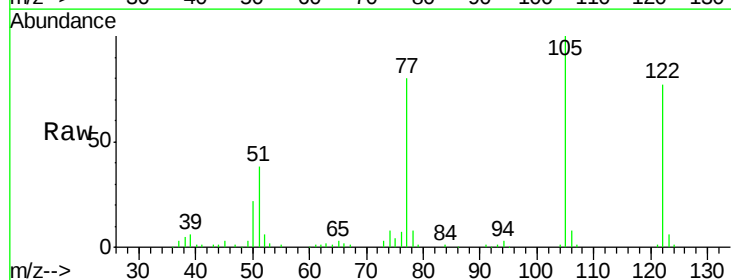
Tgt Ion:122 Resp: 368895

Ion Ratio Lower Upper

122 100

105 130.1 122.6 162.6

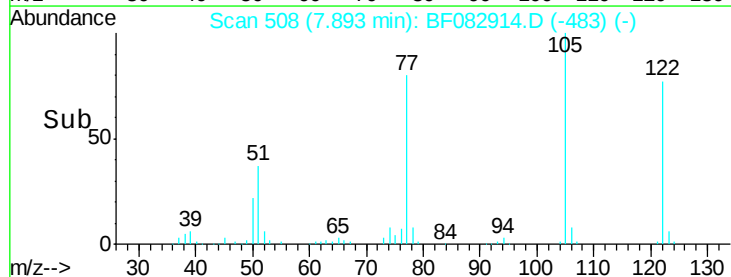
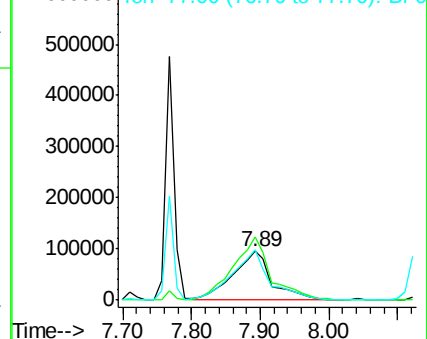
77 104.3 100.9 140.9

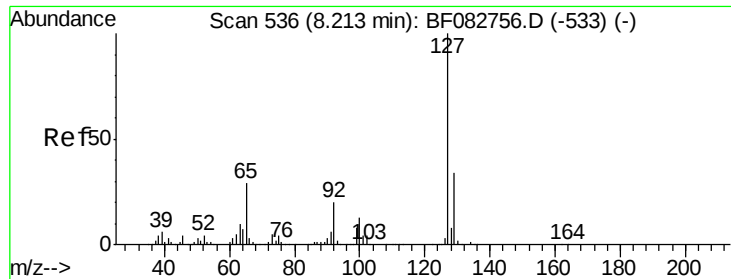


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





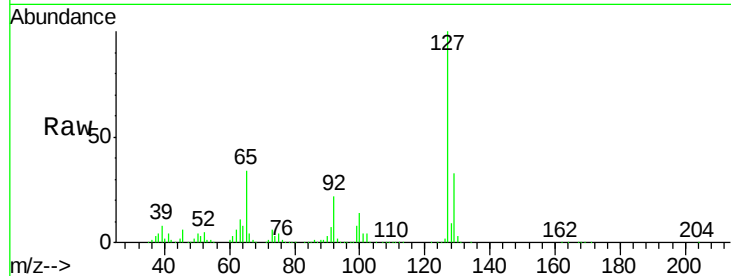
#33
4-Chloroaniline
Concen: 34.79 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

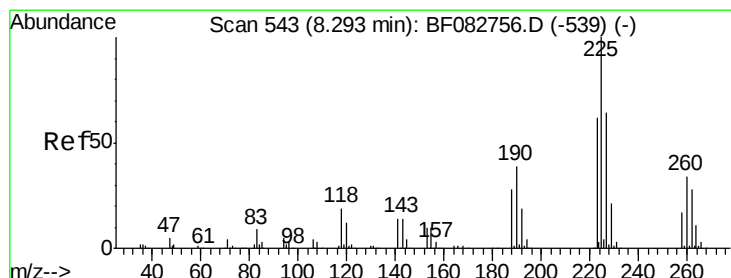
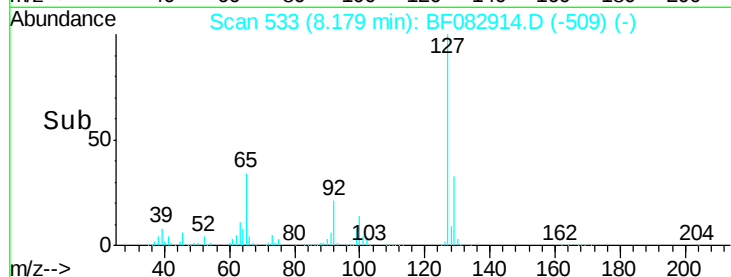
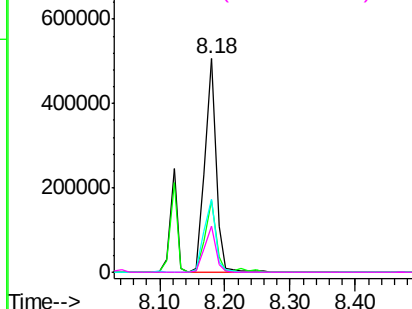
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	610163		
129	33.5	26.3	39.5	
65	34.4	37.8	56.8	
92	21.5	20.6	31.0	

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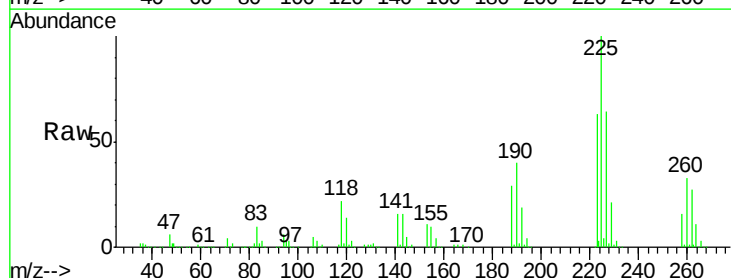


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

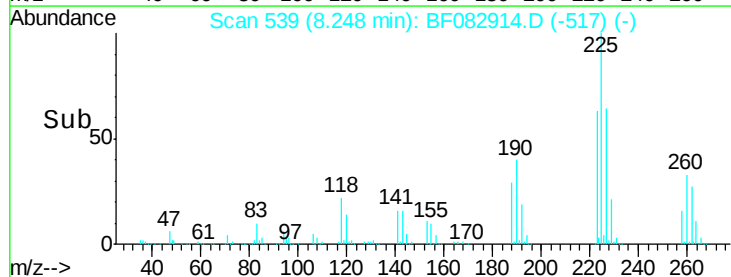
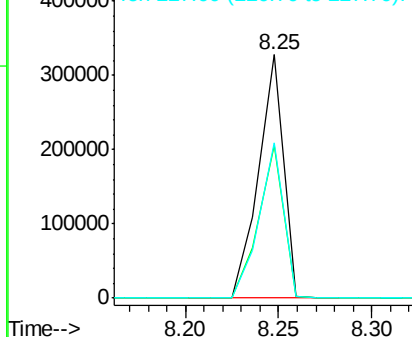


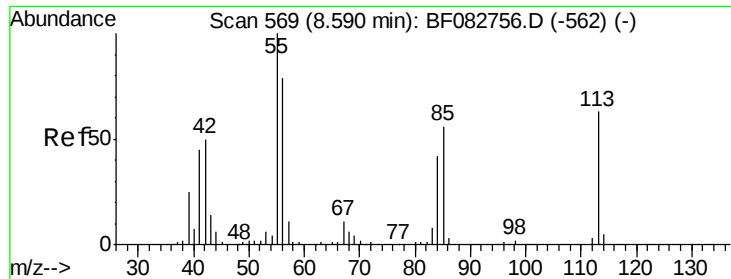
#34
Hexachlorobutadiene
Concen: 36.52 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	301969		
223	62.7	50.5	75.7	
227	63.8	50.2	75.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





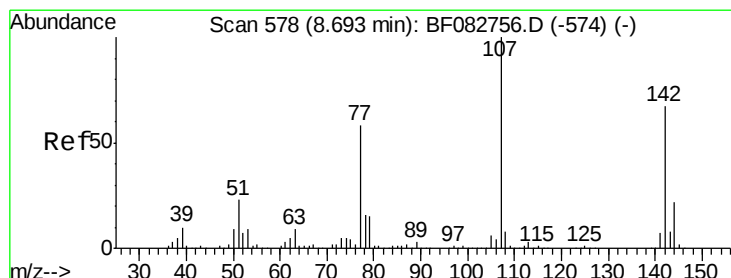
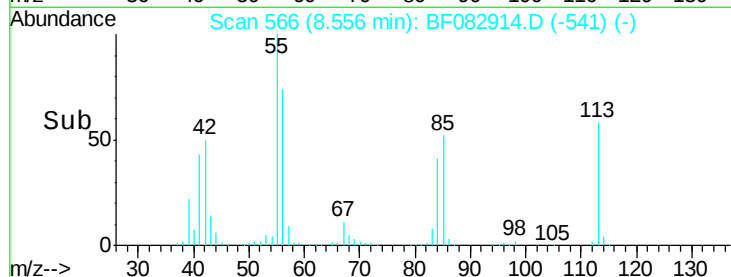
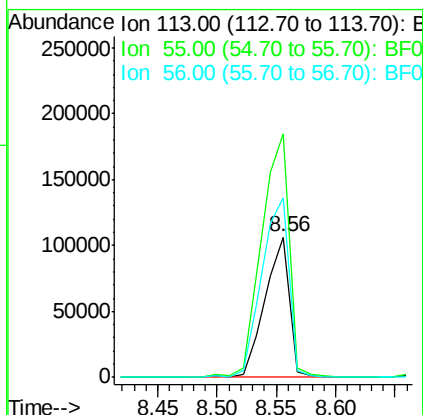
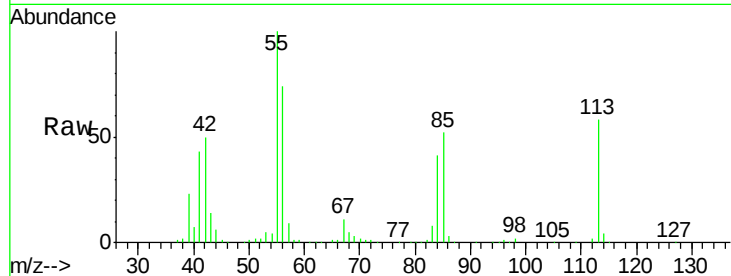
#35
Caprolactam
Concen: 41.54 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 153858
Ion Ratio Lower Upper
113 100
55 173.8 195.5 235.5#
56 128.2 153.5 193.5#

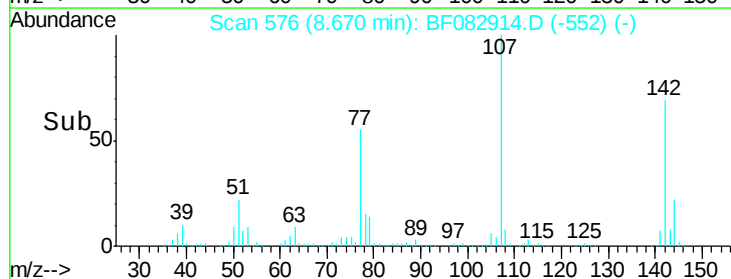
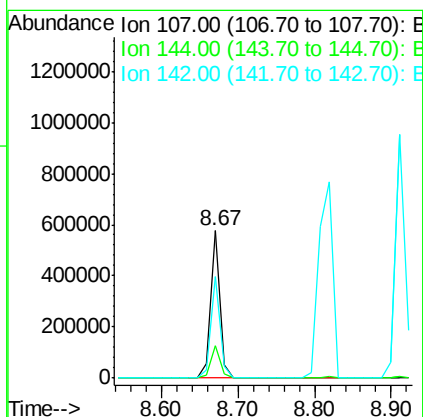
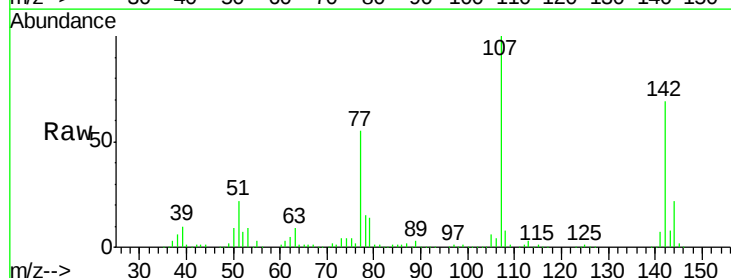
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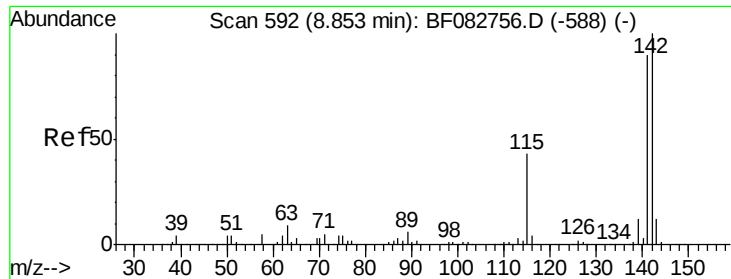
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#36
4-Chloro-3-methylphenol
Concen: 34.71 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion:107 Resp: 479529
Ion Ratio Lower Upper
107 100
144 22.4 15.4 23.0
142 69.2 47.8 71.8





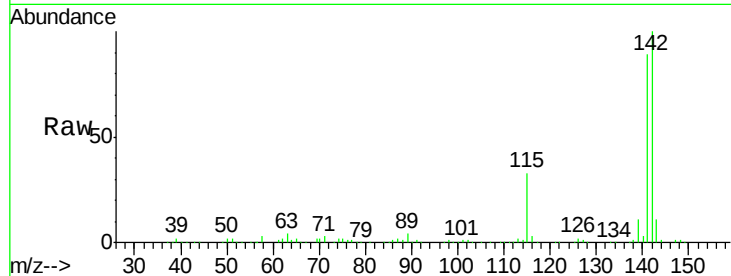
#37
2-Methylnaphthalene
Concen: 35.95 ng m
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

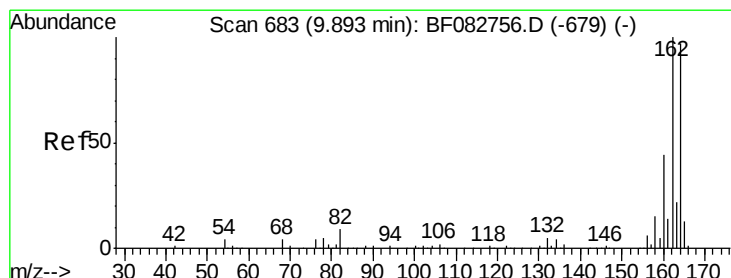
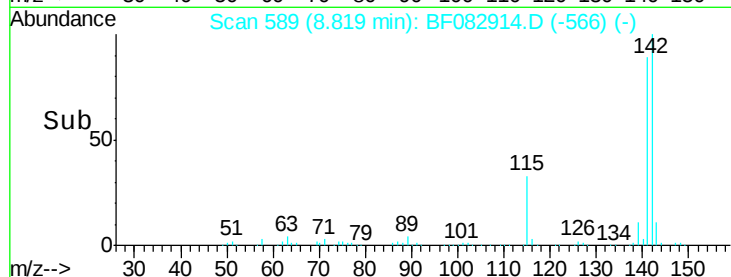
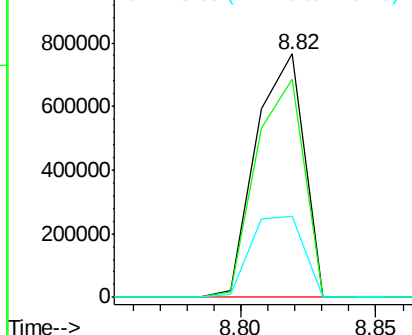
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	33.2	38.1	57.1#

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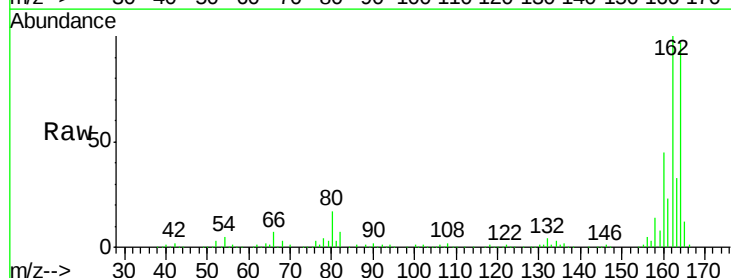


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

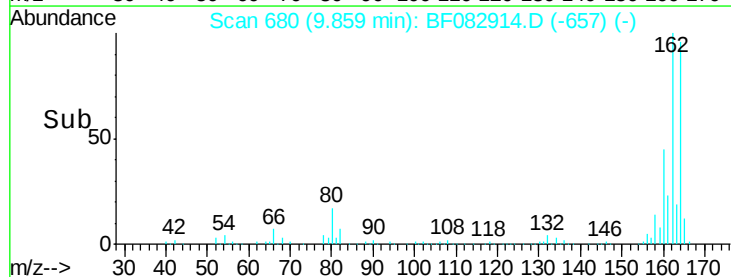
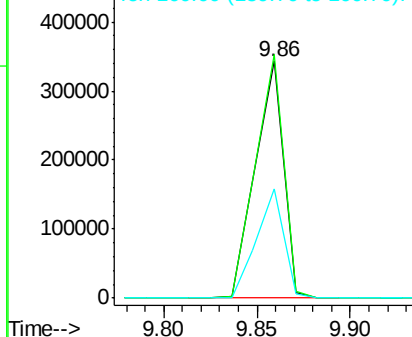


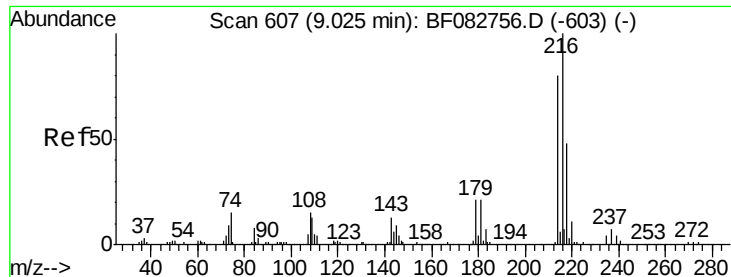
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	46.1	37.5	56.3



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





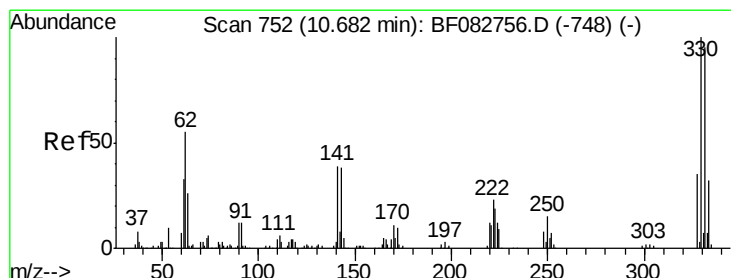
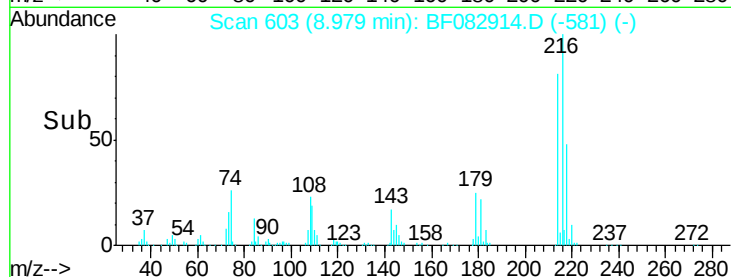
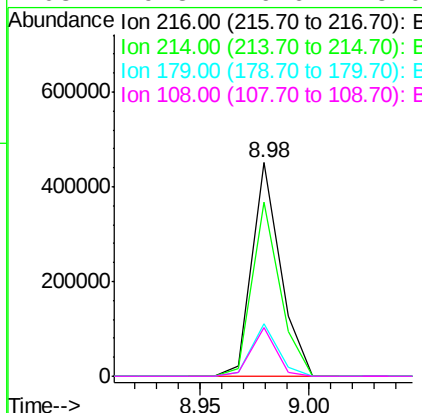
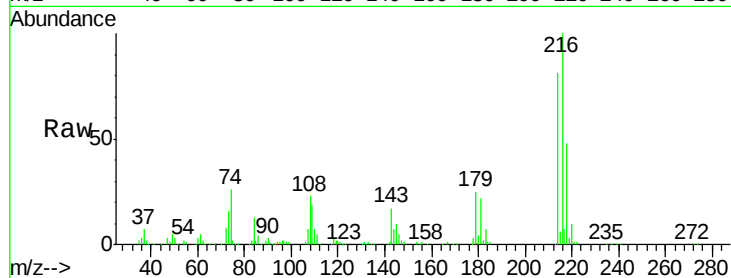
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.94 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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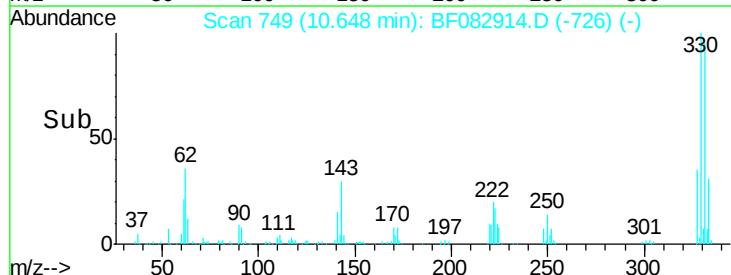
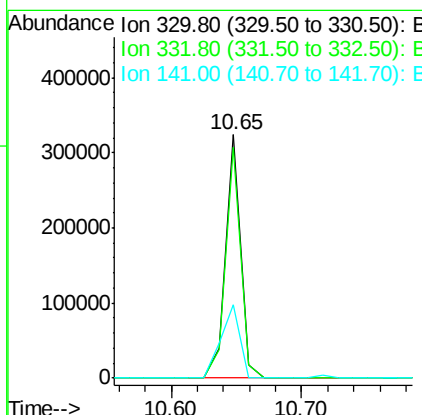
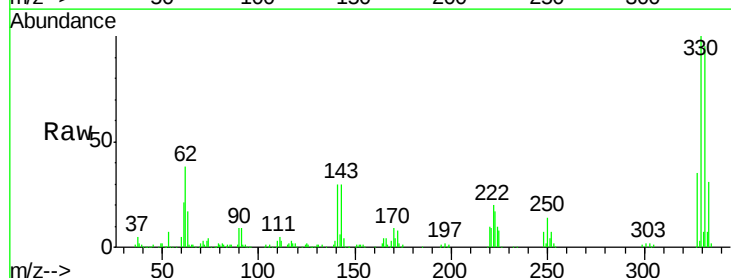
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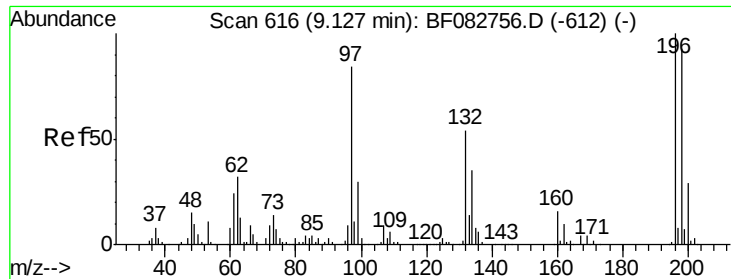
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	411758		
214	79.8	62.2	93.2	
179	22.7	18.1	27.1	
108	19.8	16.6	25.0	



#41
 2,4,6-Tribromophenol
 Concen: 63.91 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	262797		
332	95.1	76.6	114.8	
141	37.9	41.2	61.8#	





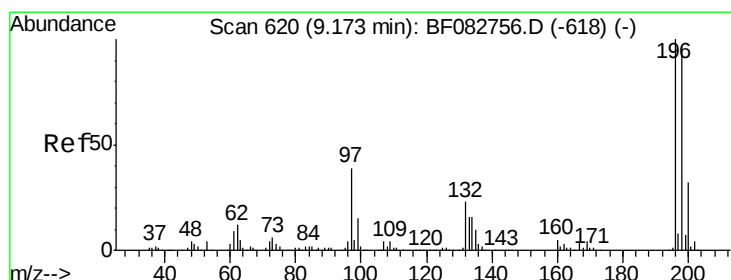
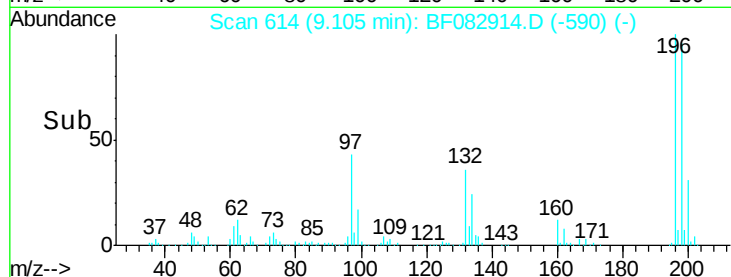
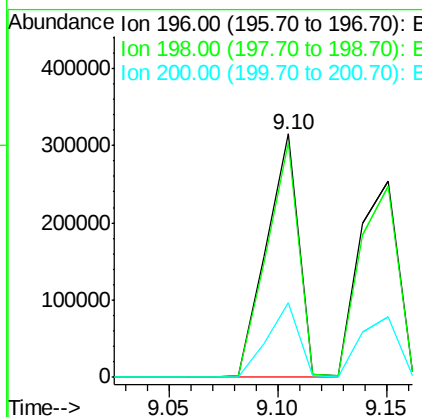
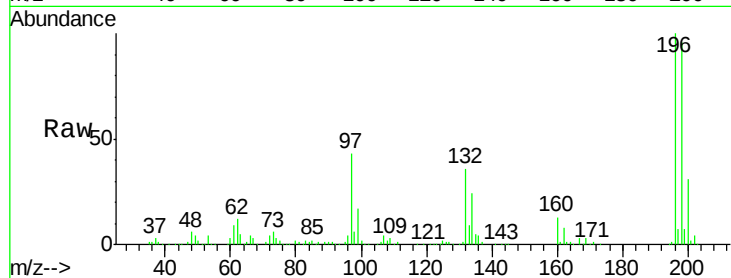
#42
2,4,6-Trichlorophenol
Concen: 37.33 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328385		
198	96.4	76.3	114.5	
200	30.9	23.9	35.9	

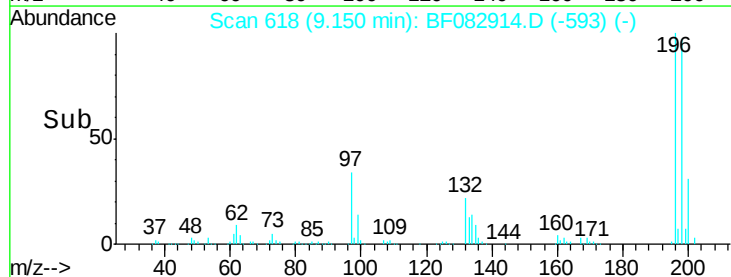
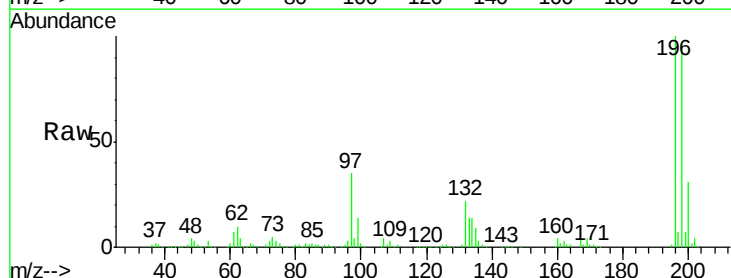
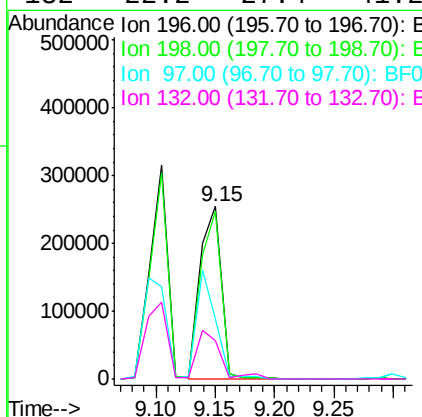
Manual Integrations
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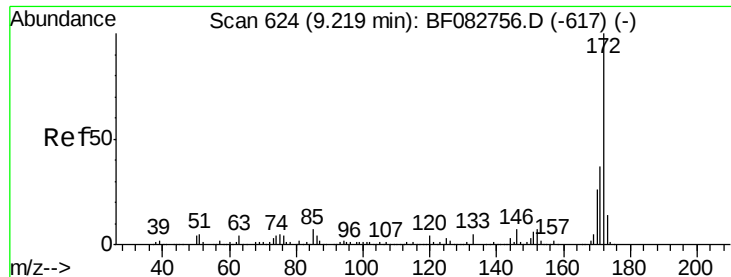
Mmdadoda
11/16/2015 12:44:06 PM



#43
2,4,5-Trichlorophenol
Concen: 36.94 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321433		
198	97.3	75.8	113.8	
97	35.1	62.3	93.5#	
132	22.2	27.4	41.2#	





#44

2-Fluorobiphenyl

Concen: 79.54 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 1990227

Ion Ratio Lower Upper

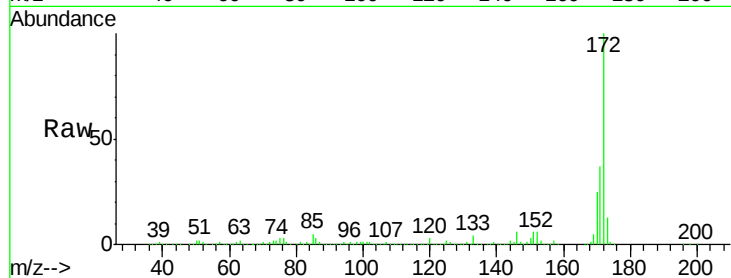
172 100

171 36.7 30.8 46.2

170 24.9 21.2 31.8

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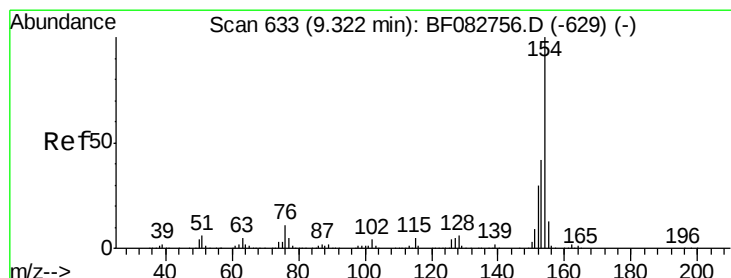
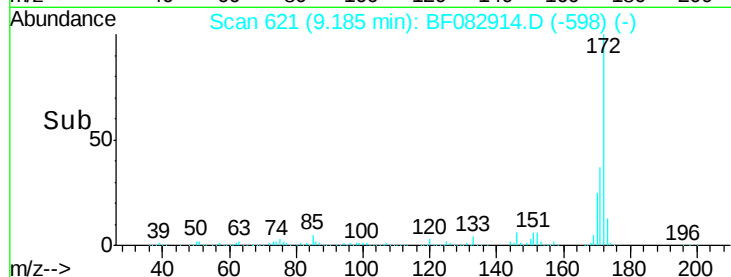
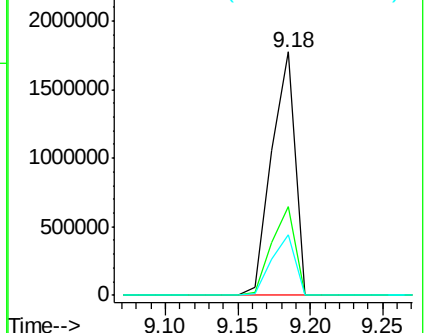
Mmdadoda
11/16/2015 12:44:06 PM



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: 34.38 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

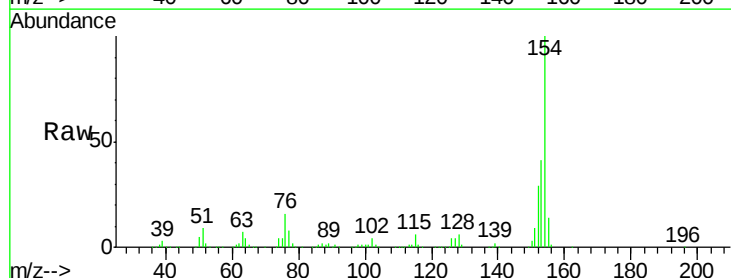
Tgt Ion:154 Resp: 1057920

Ion Ratio Lower Upper

154 100

153 41.2 22.0 62.0

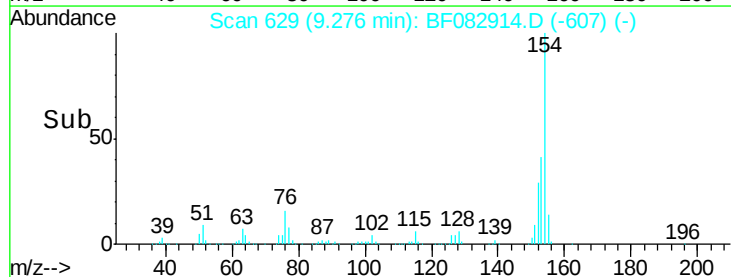
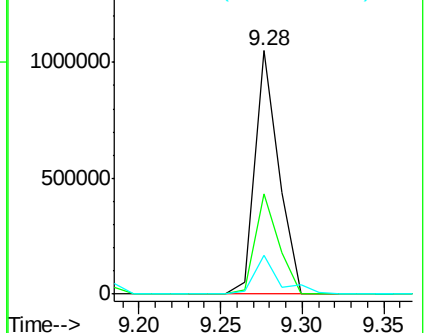
76 16.2 0.0 29.0

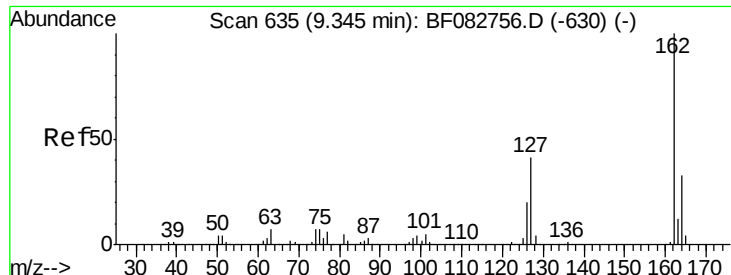


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





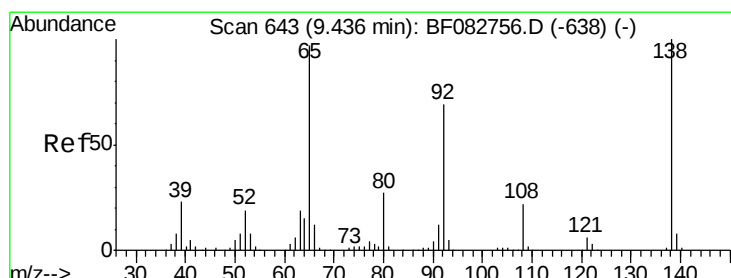
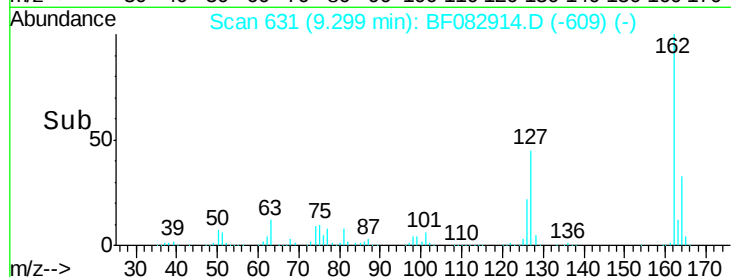
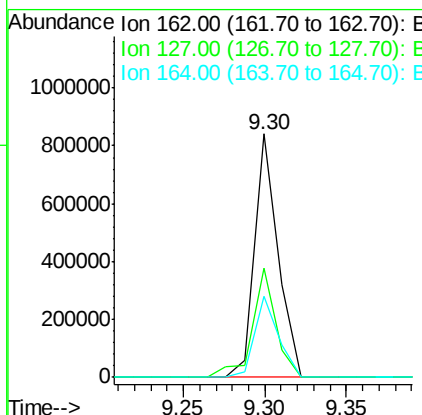
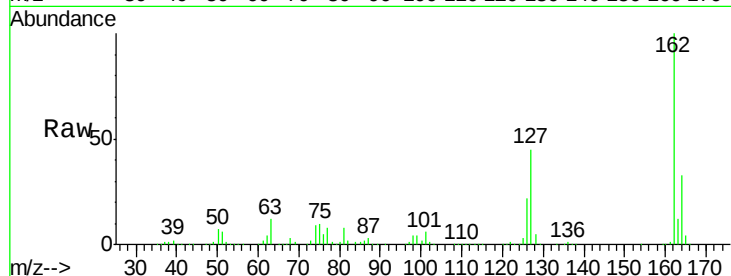
#46
2-Chloronaphthalene
Concen: 34.79 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	835084		
127	44.9	32.7	49.1	
164	33.0	27.4	41.0	

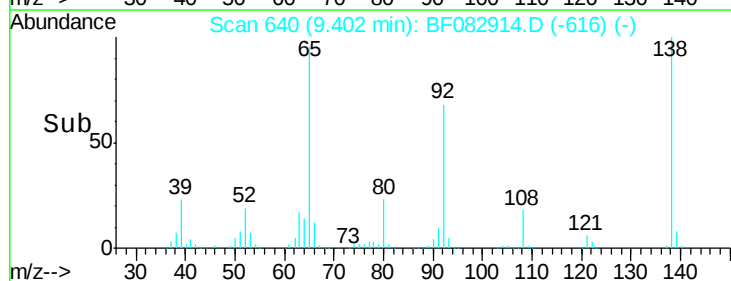
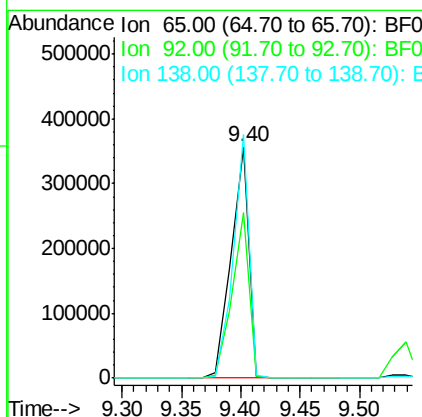
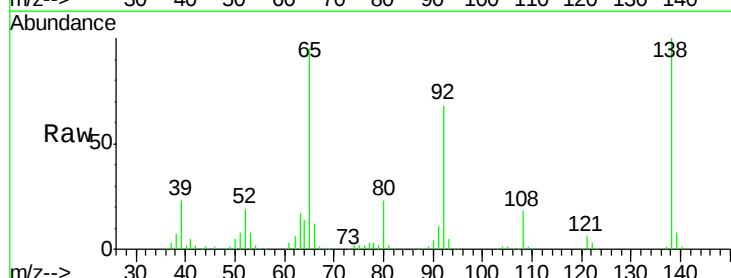
Manual Integrations
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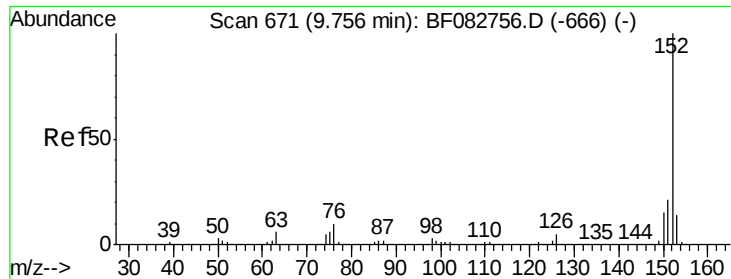
Mmdadoda
11/16/2015 12:44:06 PM



#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	368974		
92	71.7	46.6	70.0#	
138	105.2	54.6	81.8#	





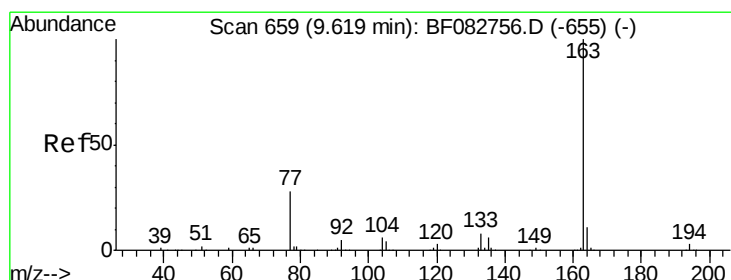
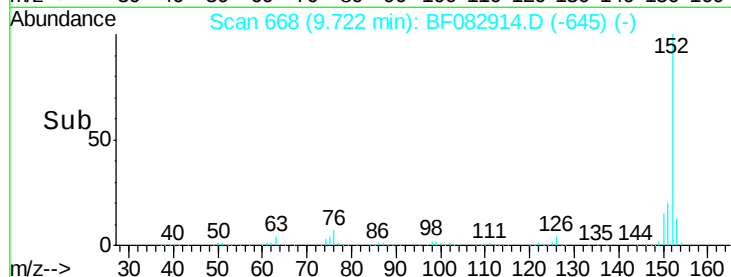
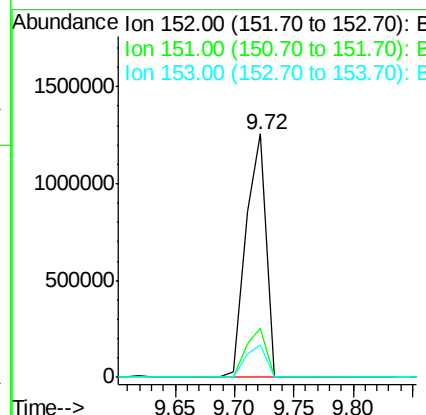
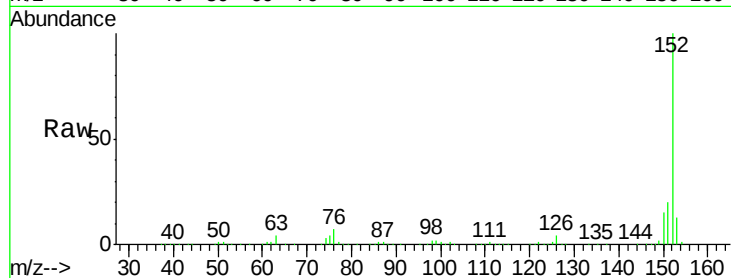
#48
Acenaphthylene
Concen: 39.12 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.3	25.9
153	13.3	11.3	16.9

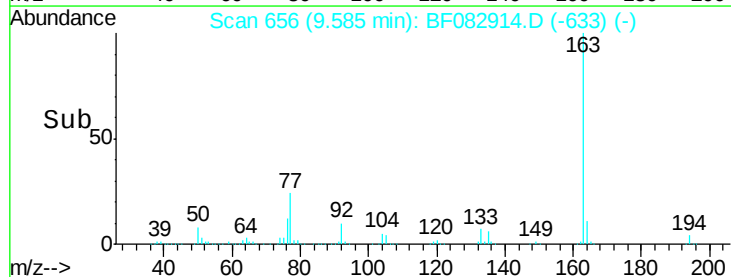
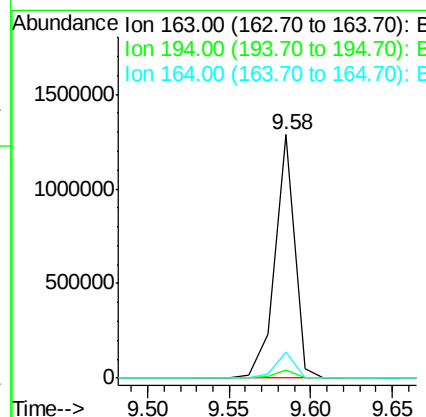
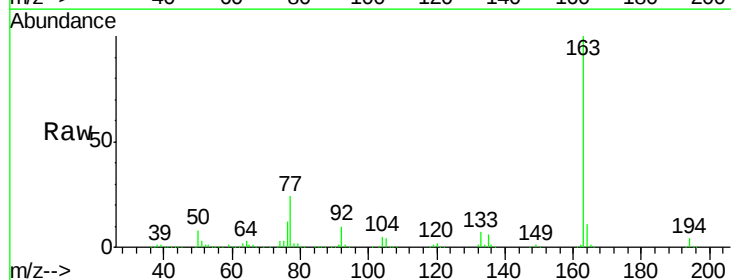
Manual Integrations
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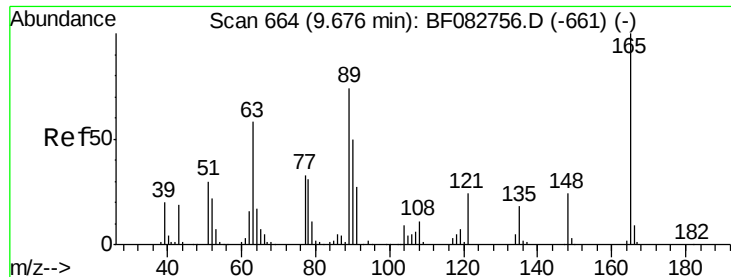
Mmdadoda
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#49
Dimethylphthalate
Concen: 37.01 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.9	8.7	13.1





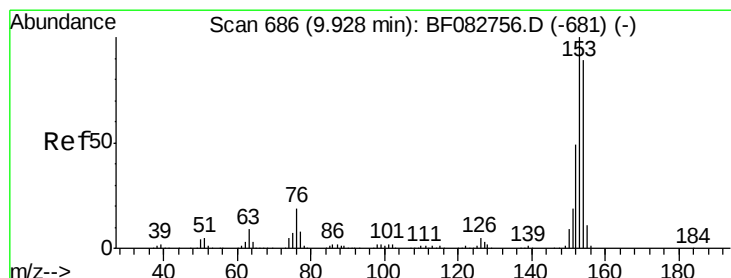
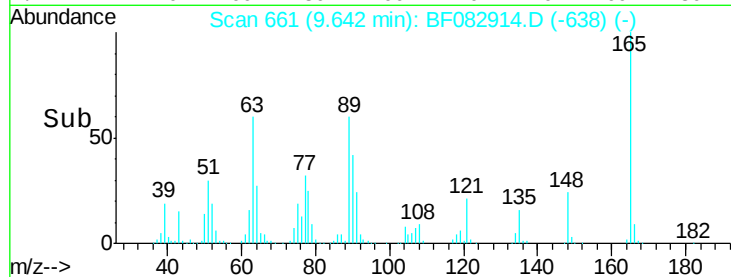
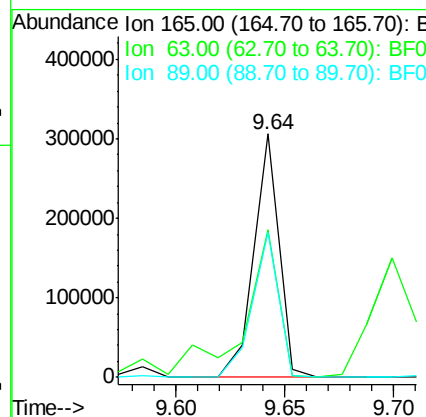
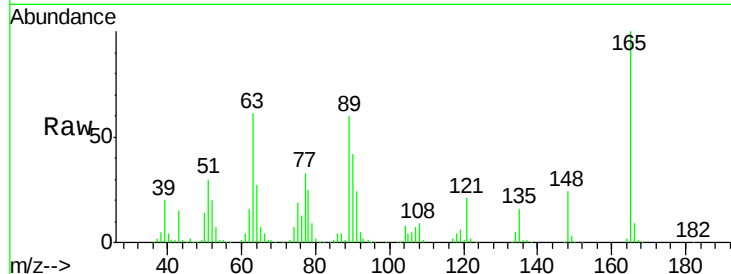
#50
2,6-Dinitrotoluene
Concen: 39.06 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244891		
63	60.8	55.5	83.3	
89	59.8	55.0	82.6	

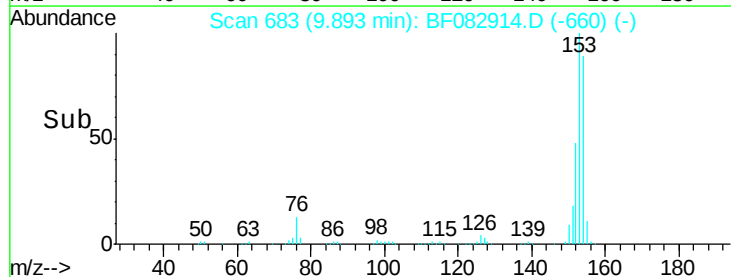
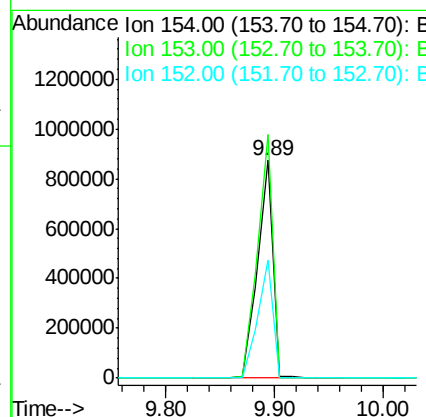
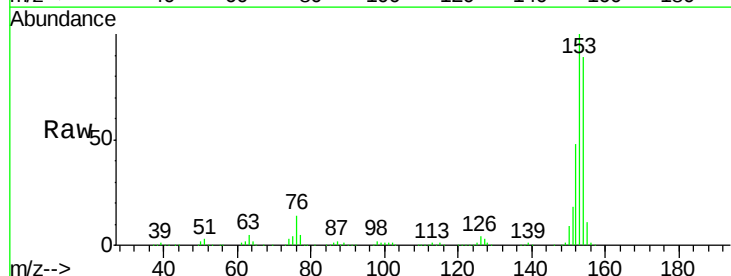
Manual Integrations
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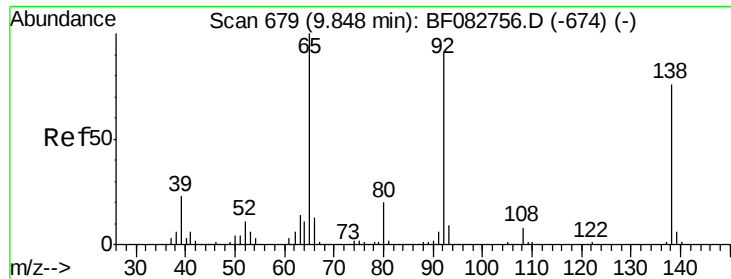
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11/16/2015 12:44:06 PM



#51
Acenaphthene
Concen: 36.36 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	866974		
153	112.0	90.1	135.1	
152	54.3	44.3	66.5	





#52

3-Nitroaniline

Concen: 42.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082914.D

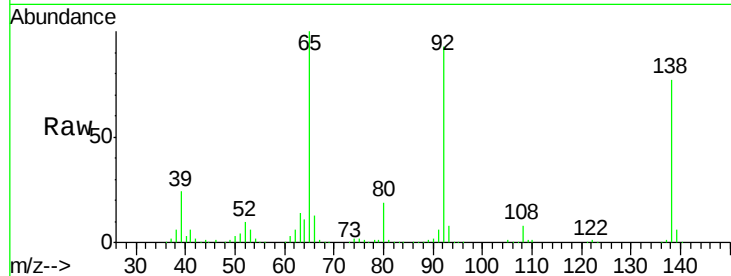
Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:138 Resp: 293070

Ion Ratio Lower Upper

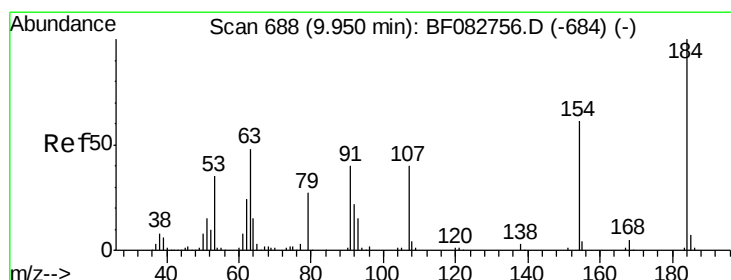
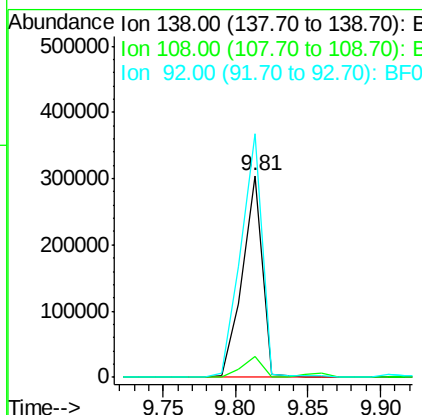
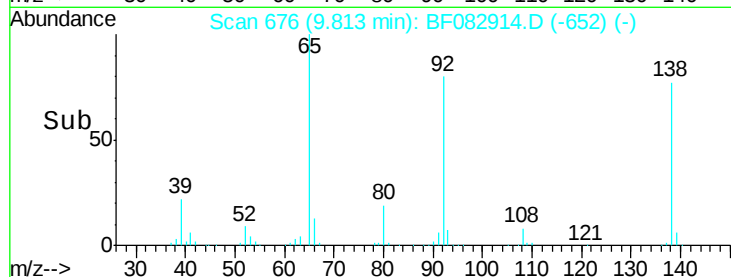
138 100

108 10.7 11.3 16.9#

92 120.7 122.4 183.6#

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#53

2,4-Dinitrophenol

Concen: 4.83 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

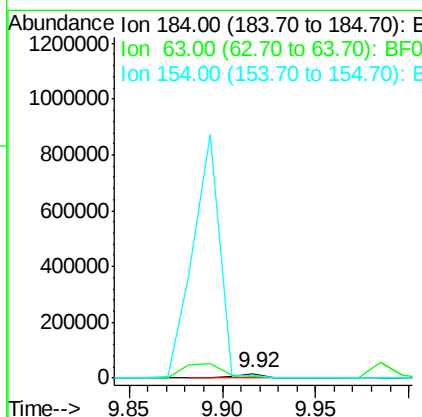
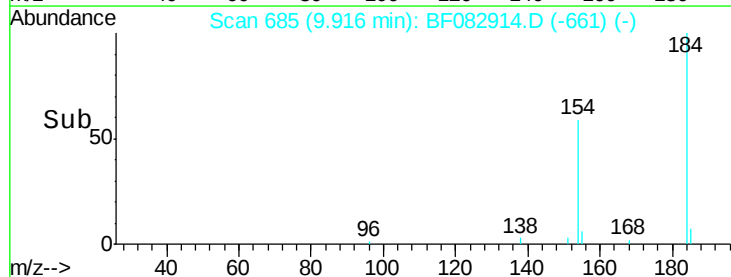
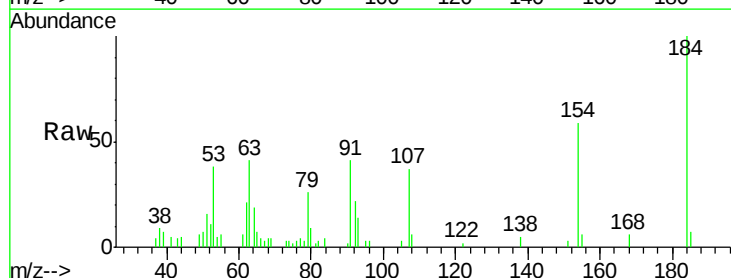
Tgt Ion:184 Resp: 16620

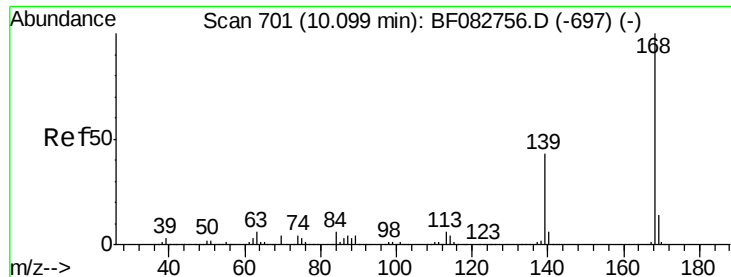
Ion Ratio Lower Upper

184 100

63 41.2 98.6 148.0#

154 58.7 183.9 275.9#





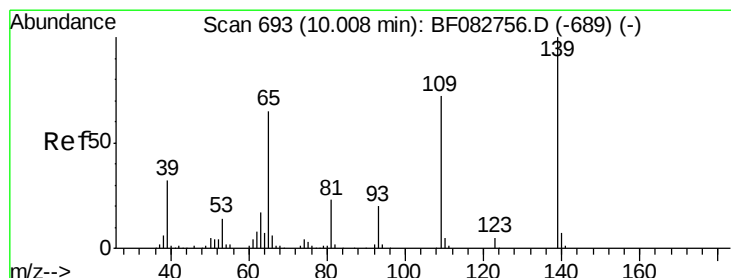
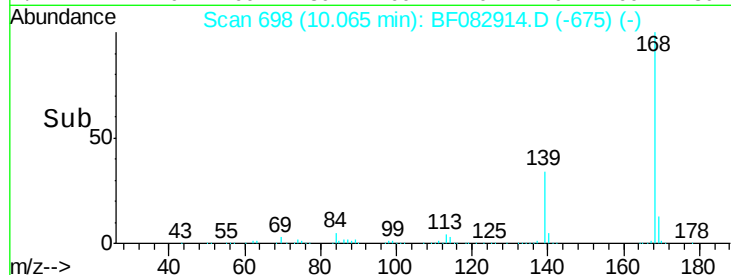
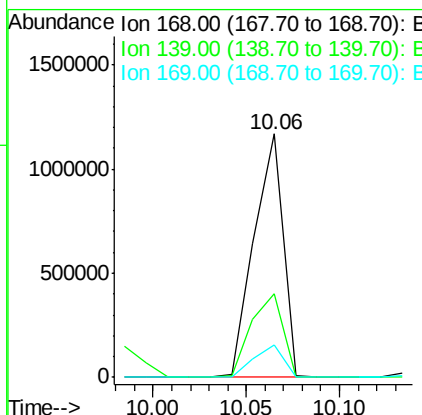
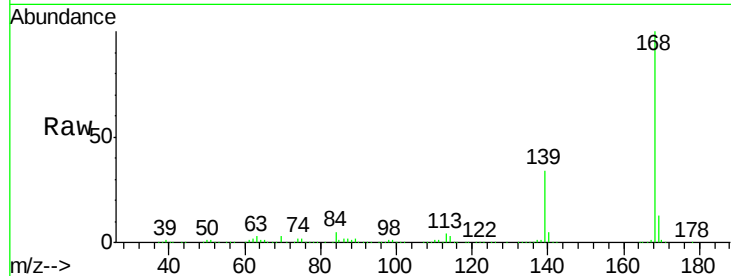
#54
Dibenzofuran
Concen: 38.97 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 1252769
Ion Ratio Lower Upper
168 100
139 34.5 37.8 56.6#
169 13.3 11.3 16.9

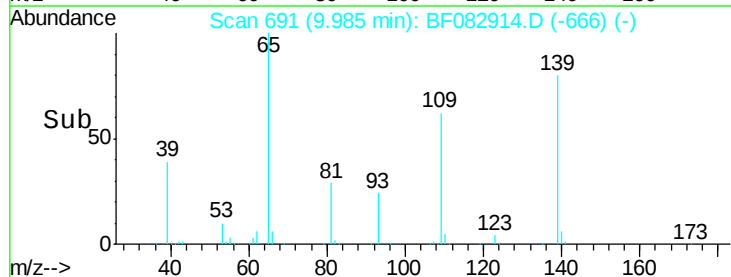
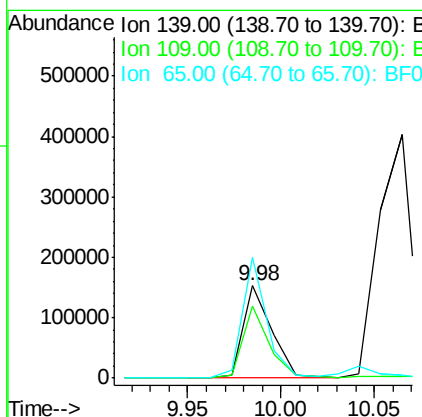
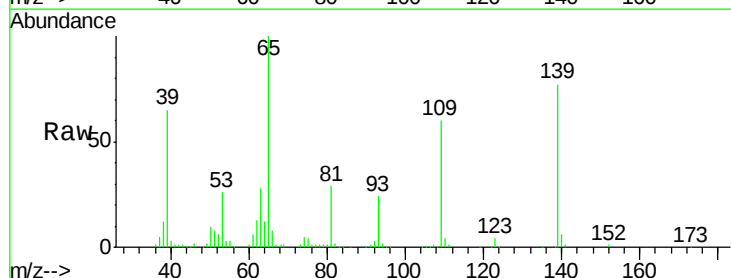
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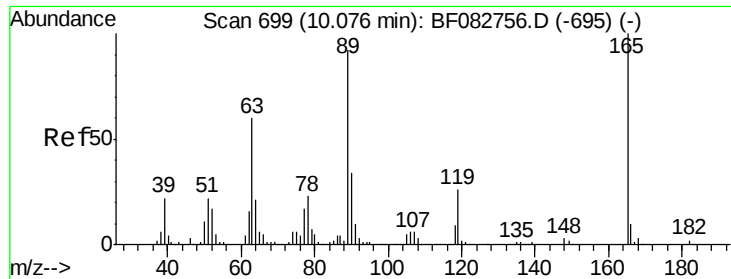
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#55
4-Nitrophenol
Concen: 30.77 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion:139 Resp: 162765
Ion Ratio Lower Upper
139 100
109 77.8 73.7 113.7
65 130.6 82.9 122.9#





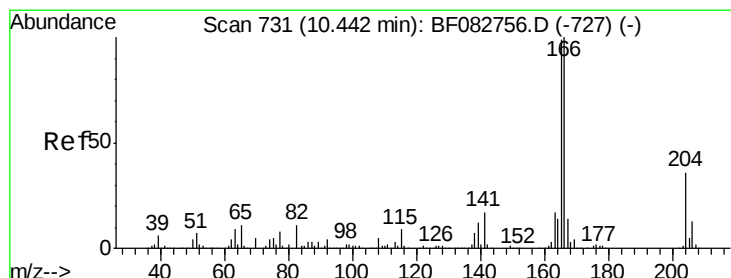
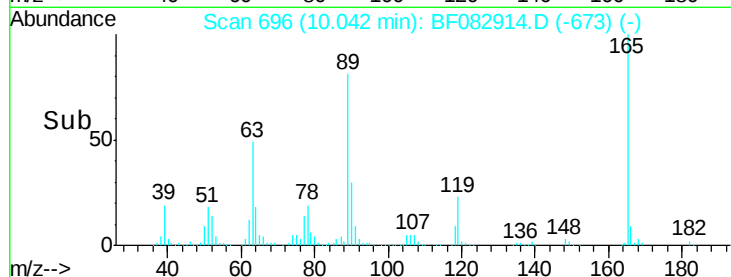
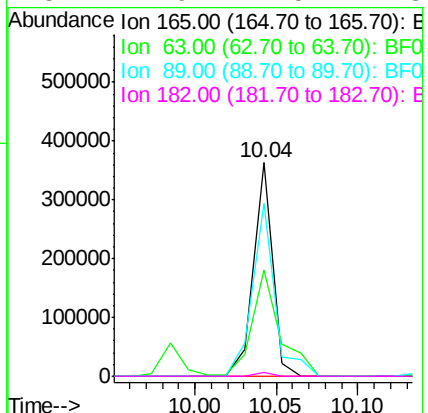
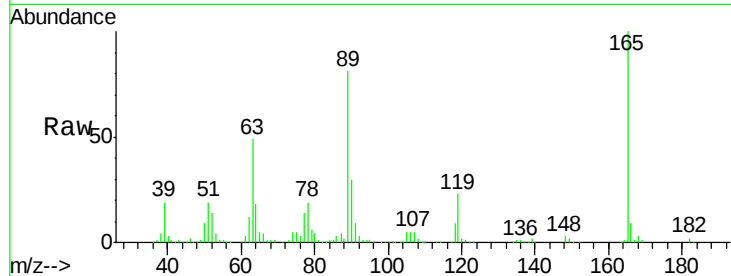
#56
2,4-Dinitrotoluene
Concen: 34.90 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	296889		
63	49.5	43.4	65.0	
89	81.0	70.6	106.0	
182	1.9	1.5	2.3	

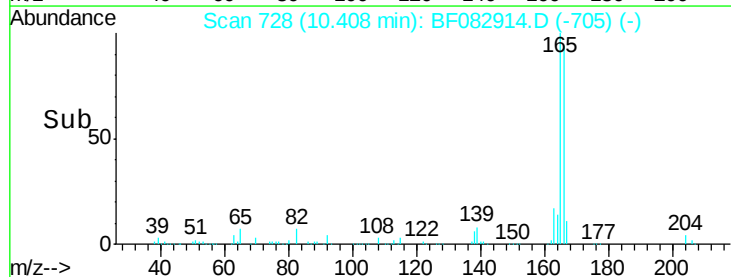
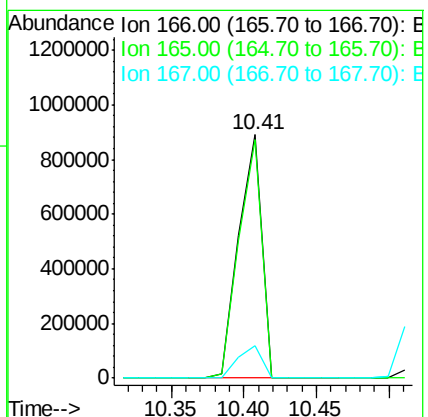
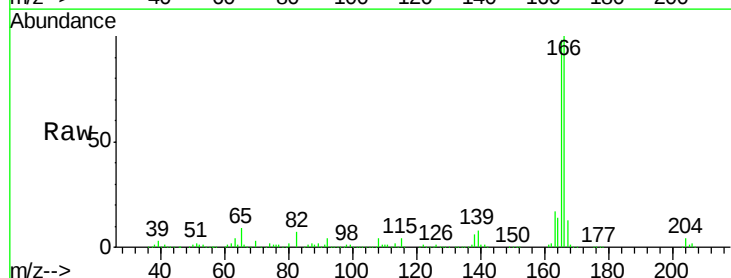
Manual Integrations
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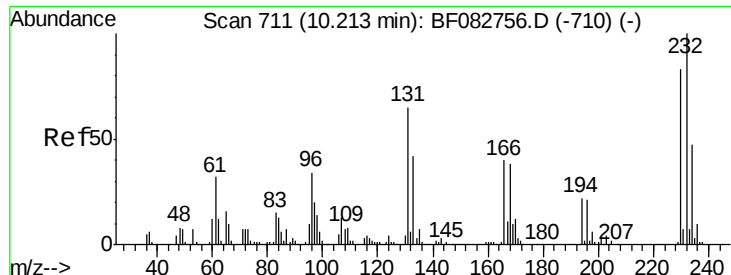
Mmdadoda
11/16/2015 12:44:06 PM



#57
Fluorene
Concen: 37.71 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	981764		
165	98.0	80.2	120.4	
167	13.3	11.2	16.8	





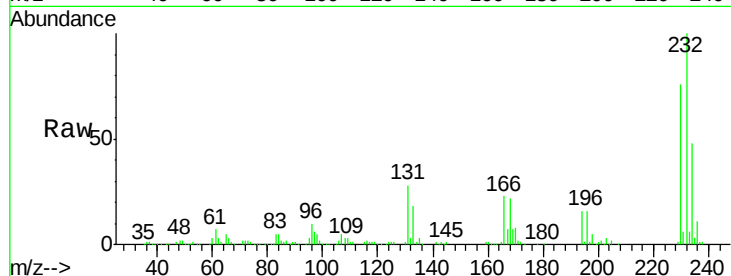
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.40 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

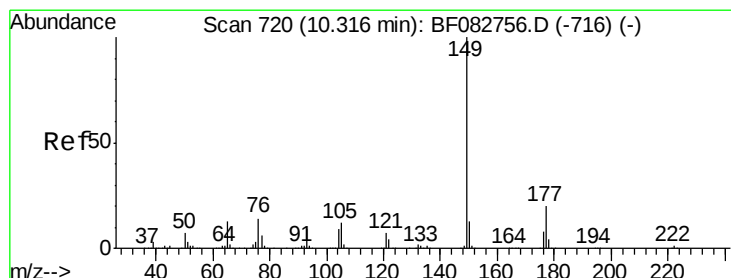
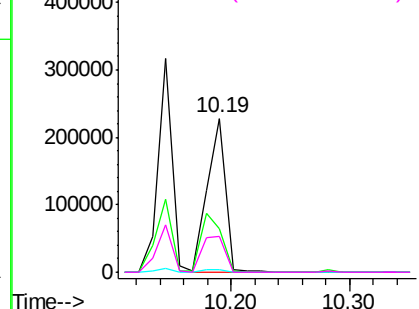
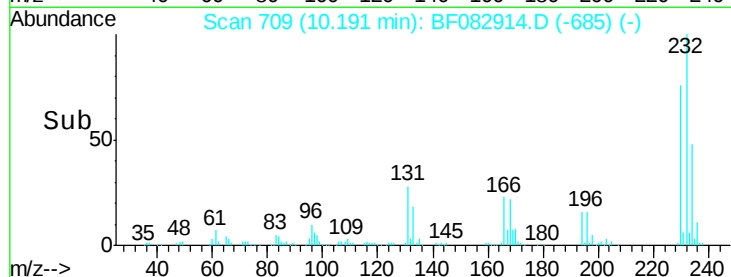
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	244241		
131	43.6	46.2	69.2#	
130	2.1	2.4	3.6#	
166	29.8	28.2	42.2	

Manual Integrations
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Mmdadoda
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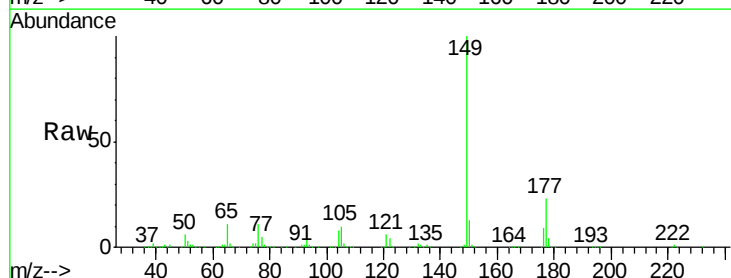


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

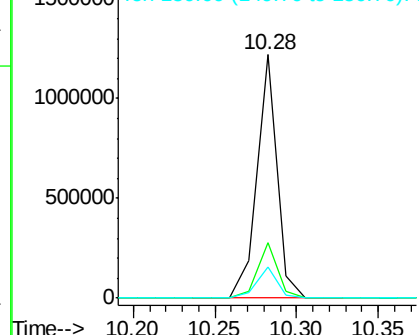
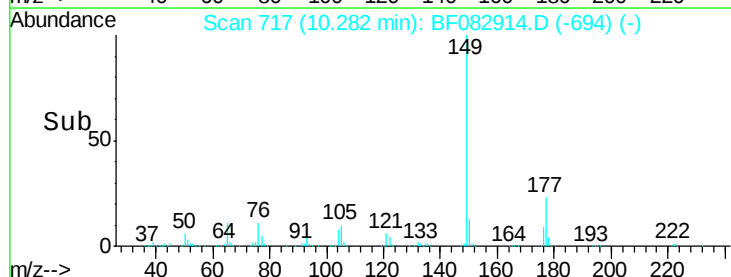


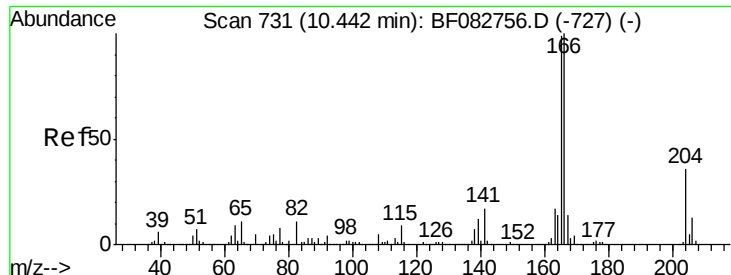
#59
 Diethylphthalate
 Concen: 36.30 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1041271		
177	22.7	17.9	26.9	
150	13.0	10.1	15.1	



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





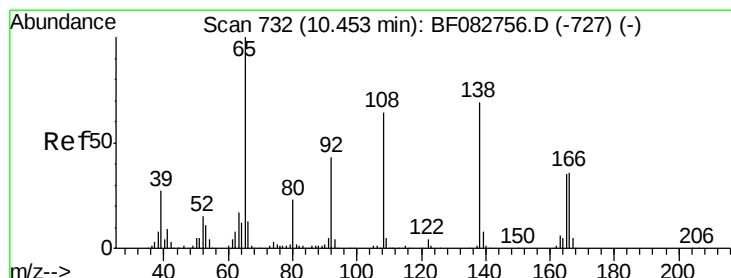
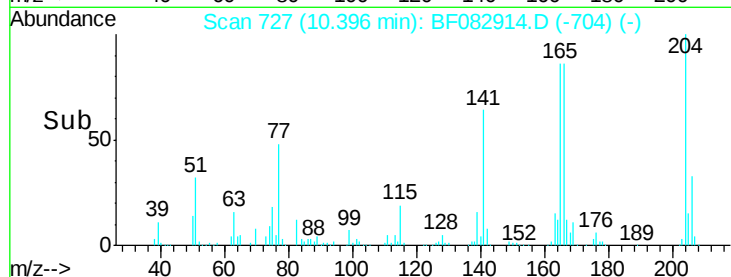
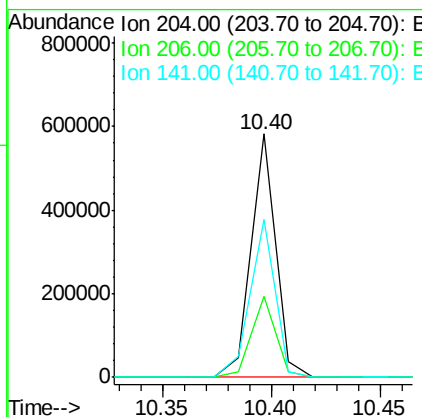
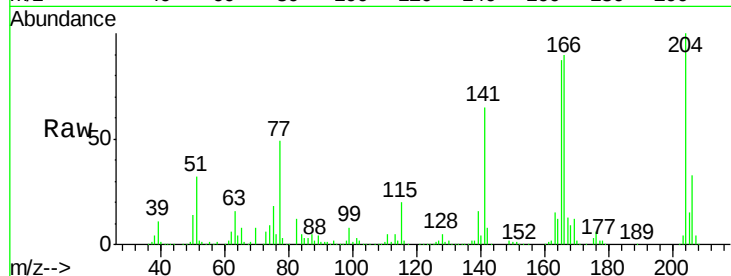
#60
4-Chlorophenyl-phenylether
Concen: 35.06 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	456721		
206	33.5	28.5	42.7	
141	64.7	44.6	66.8	

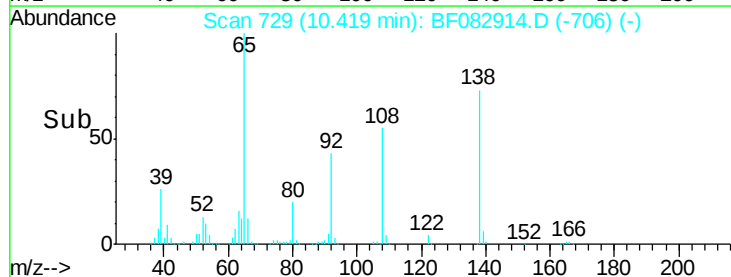
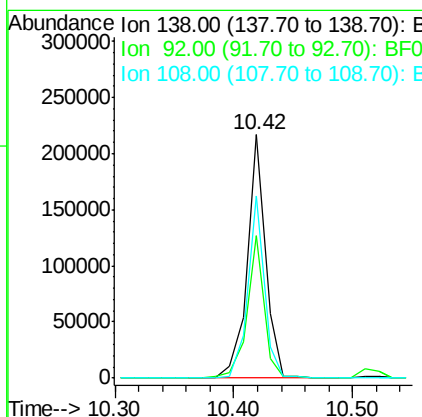
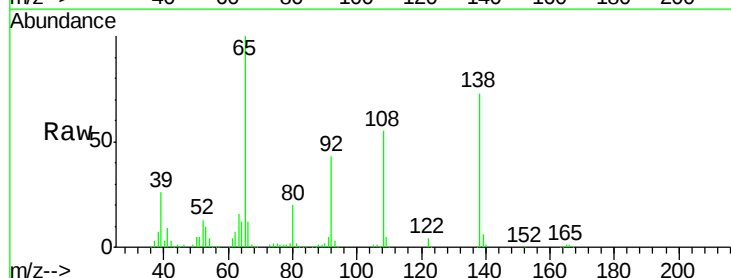
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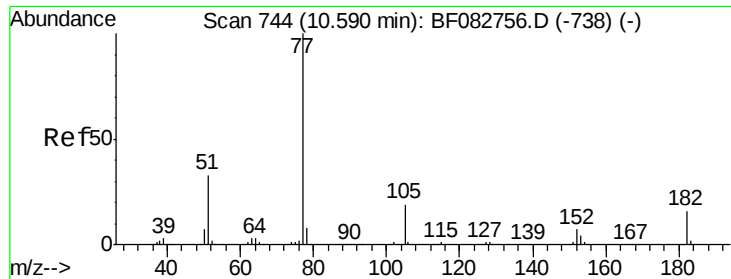
Mmdadoda
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#61
4-Nitroaniline
Concen: 33.93 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	235242		
92	58.3	45.8	85.8	
108	74.7	89.4	129.4	





#62

Azobenzene

Concen: 38.66 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF082914.D

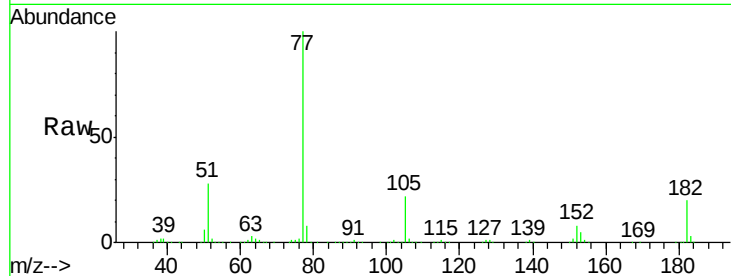
Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 1191466

Ion Ratio Lower Upper

77 100

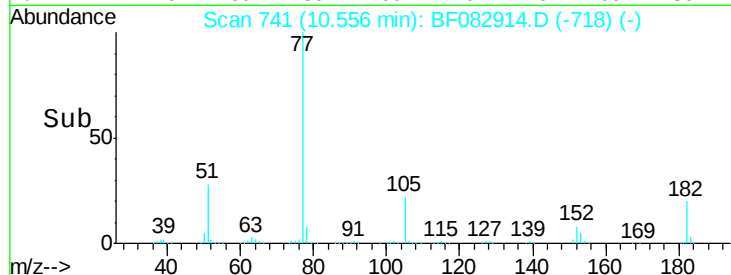
182 20.4 9.3 49.3

105 22.4 2.6 42.6

51 28.2 9.9 49.9

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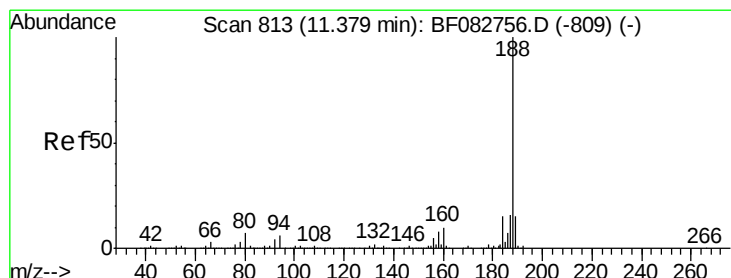
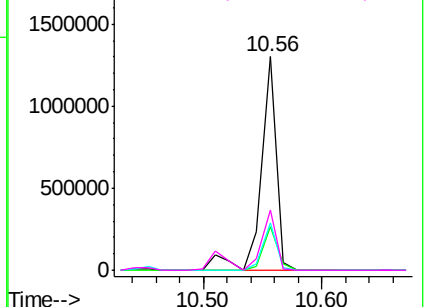


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

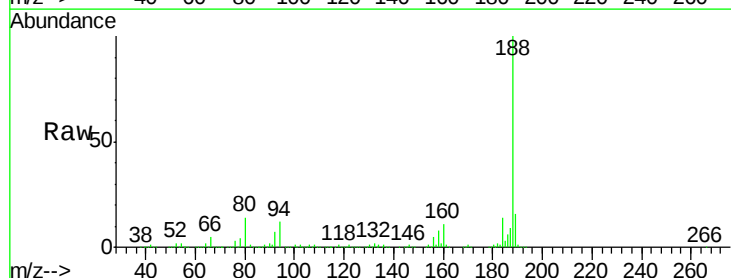
Tgt Ion: 188 Resp: 592597

Ion Ratio Lower Upper

188 100

94 12.3 6.1 9.1#

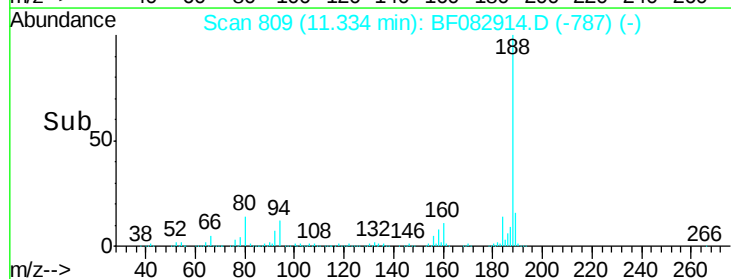
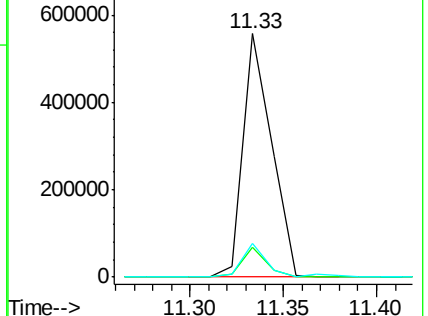
80 13.9 7.0 10.6#

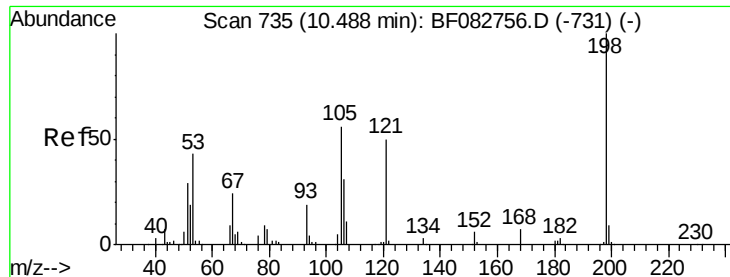


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





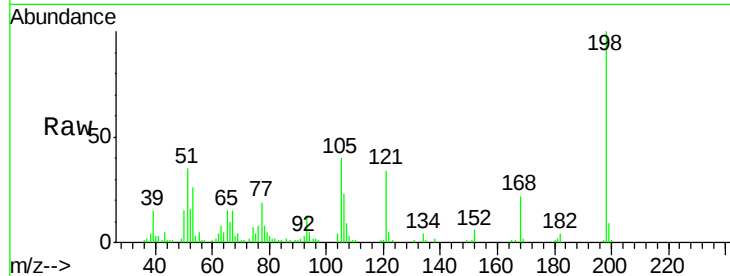
#64
4,6-Dinitro-2-methylphenol
Concen: 10.03 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

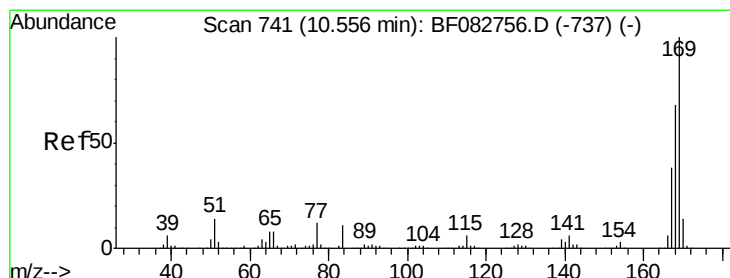
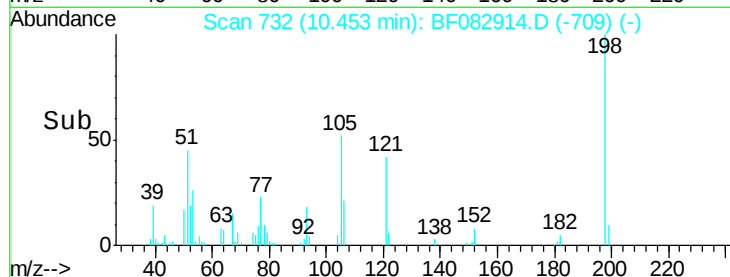
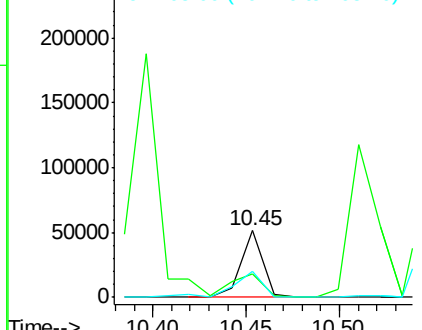
Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.8	17.3	57.3
105	40.0	21.7	61.7

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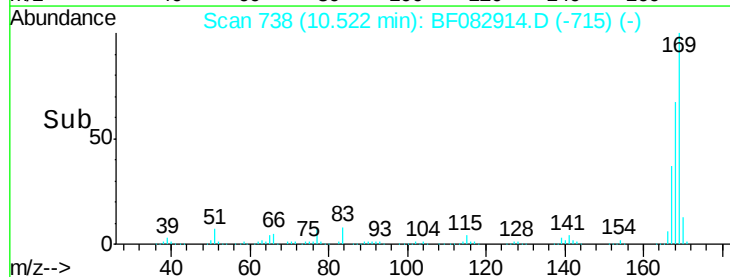
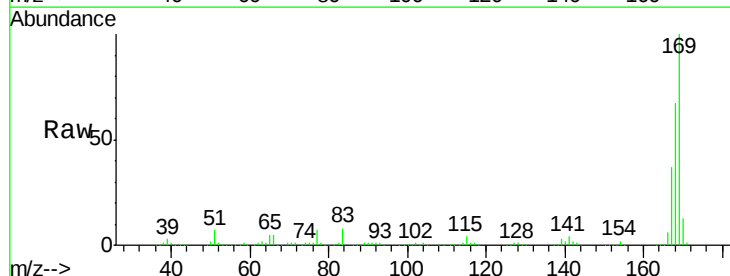
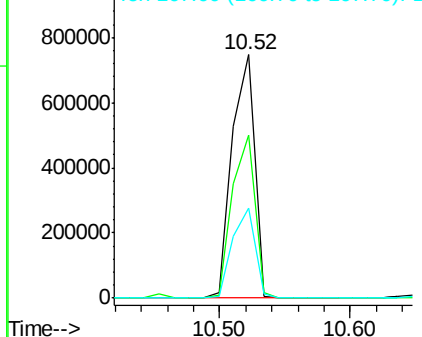
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

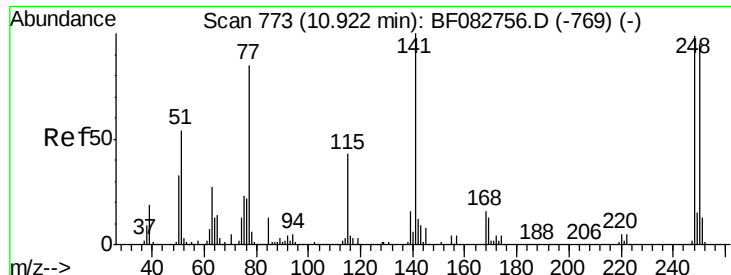


#65
n-Nitrosodiphenylamine
Concen: 41.61 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.0	82.6
167	37.1	30.5	45.7

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





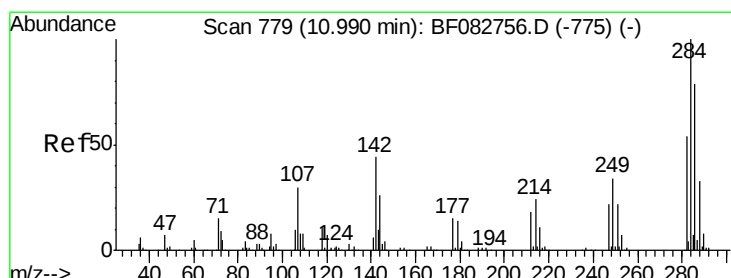
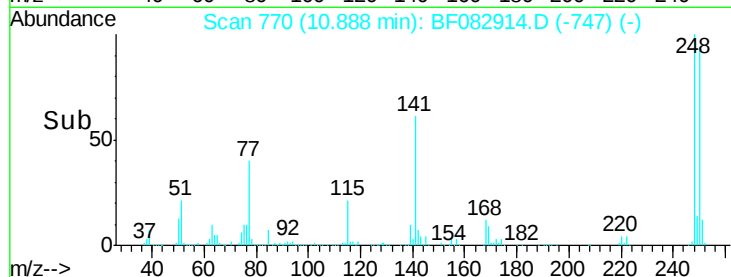
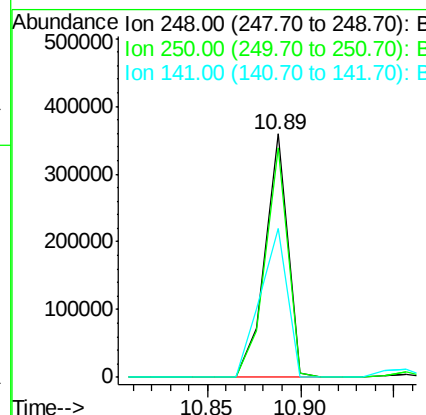
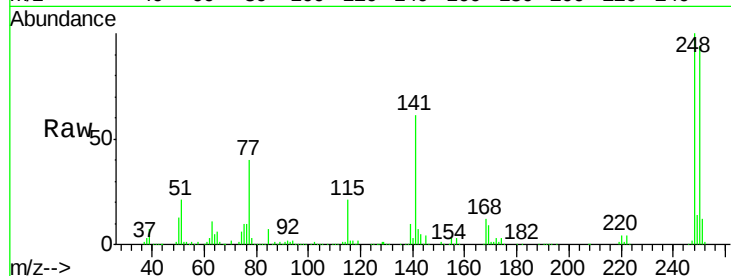
#66
4-Bromophenyl-phenylether
Concen: 42.06 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	300094		
250	94.0	79.4	119.2	
141	61.1	36.3	54.5#	

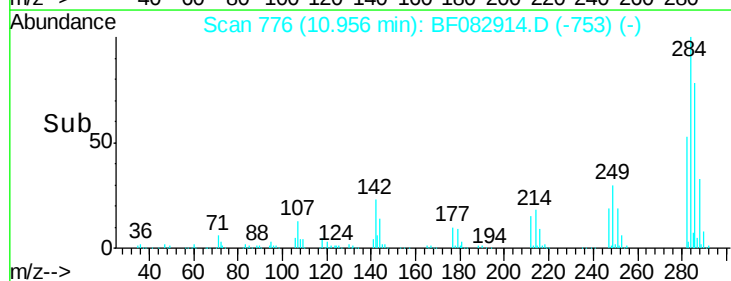
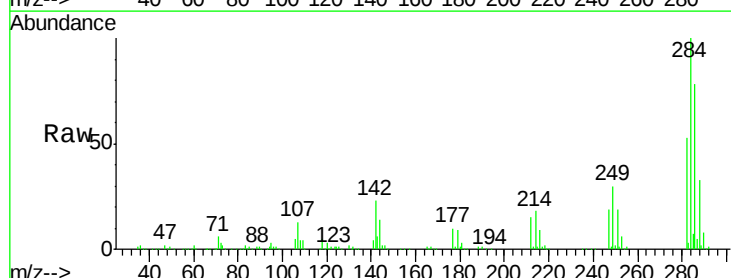
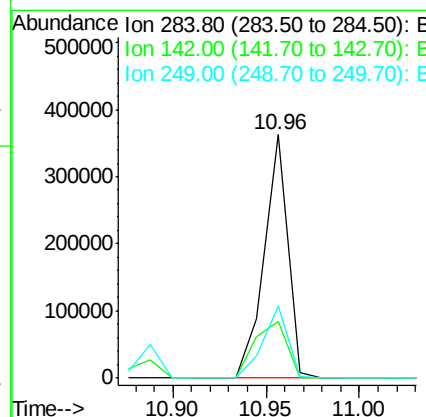
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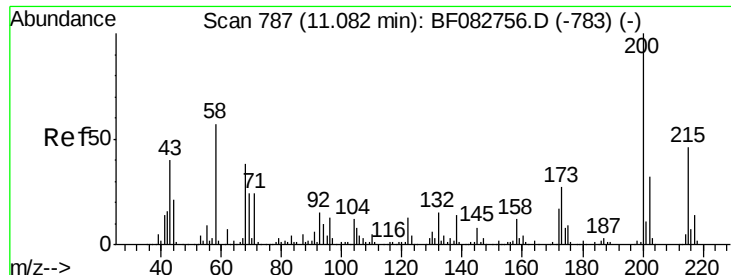
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#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	315315		
142	23.4	47.9	71.9#	
249	29.7	29.7	44.5	





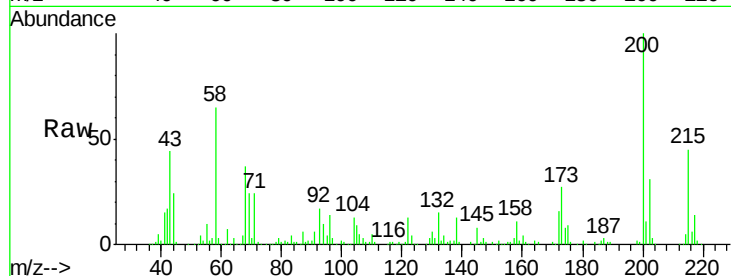
#68
Atrazine
Concen: 36.96 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

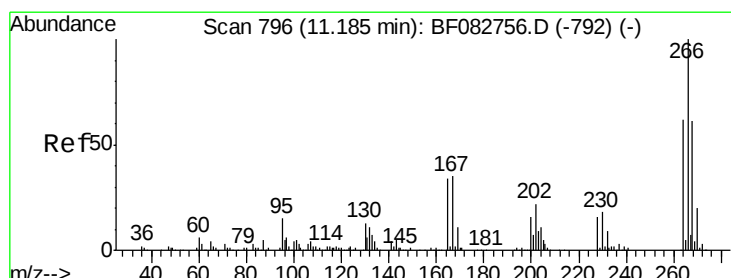
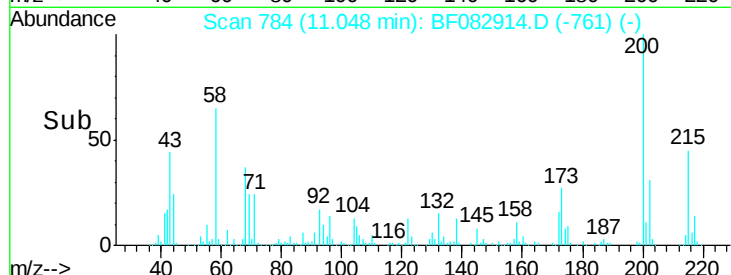
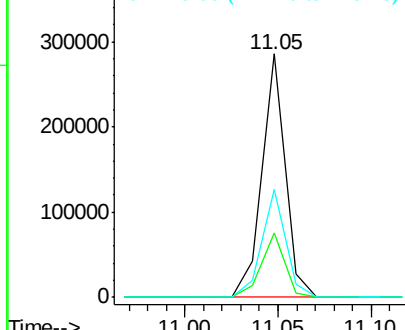
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.9	46.9
215	44.6	22.9	62.9

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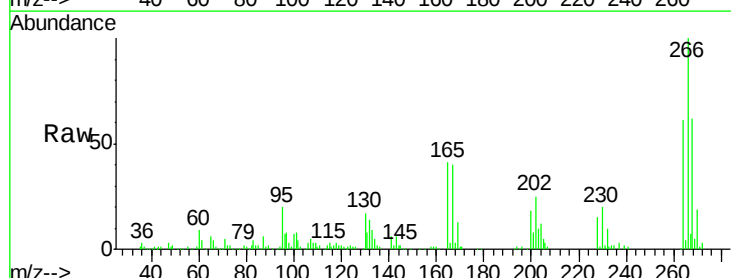


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

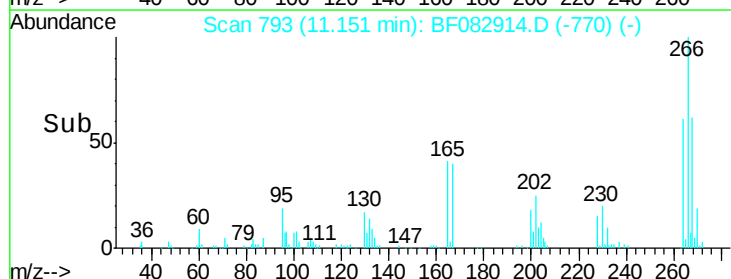
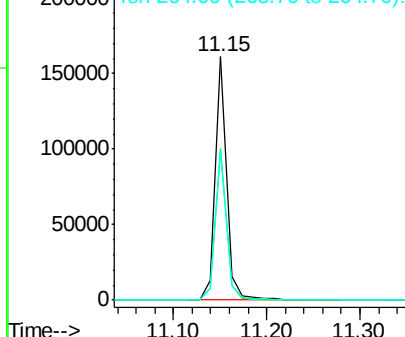


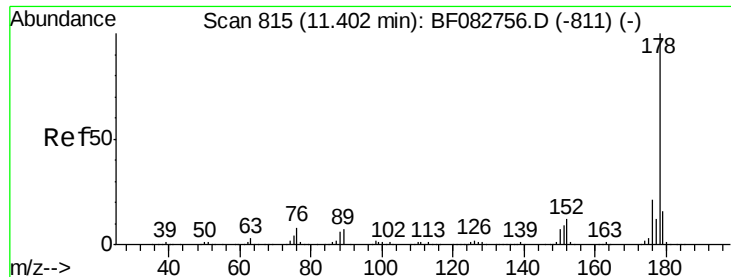
#69
Pentachlorophenol
Concen: 28.07 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.4	51.0	76.6
264	61.2	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





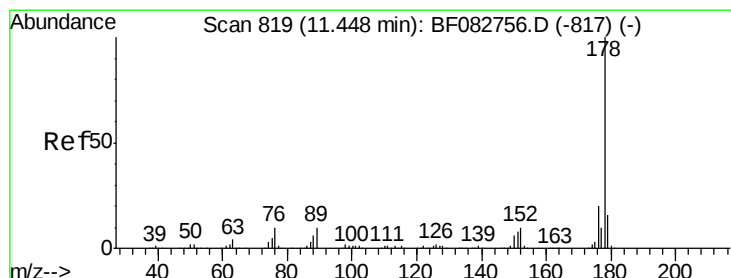
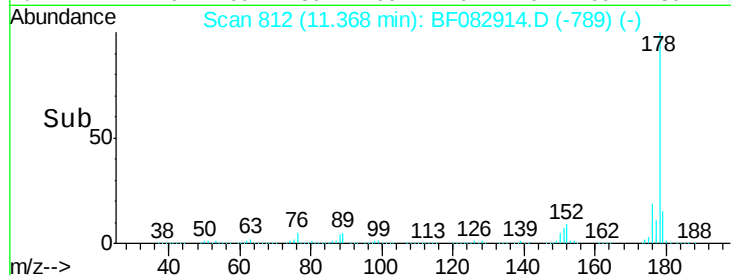
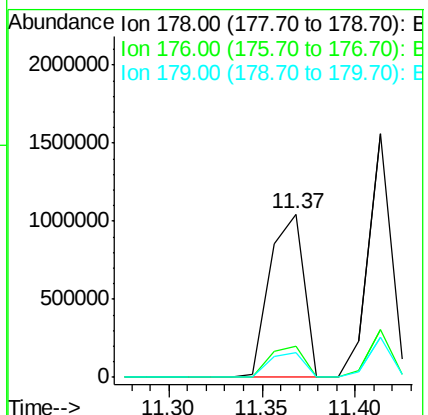
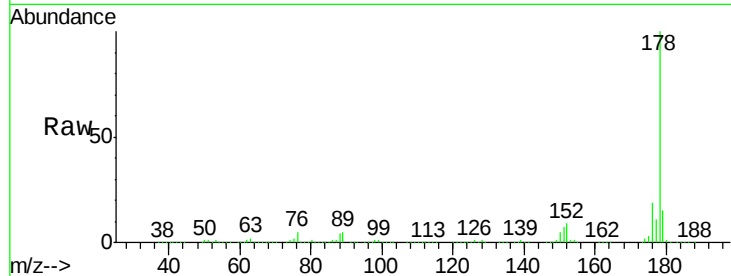
#70
Phenanthrene
Concen: 38.36 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 1320225
Ion Ratio Lower Upper
178 100
176 19.5 17.0 25.4
179 15.2 13.4 20.0

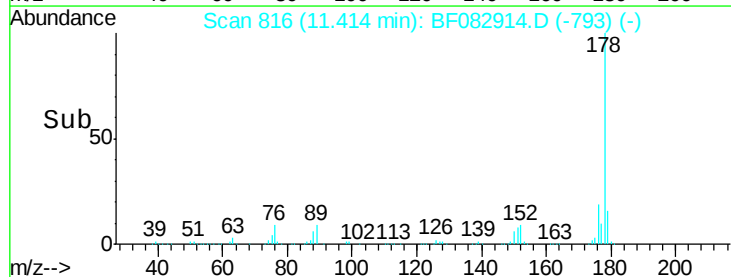
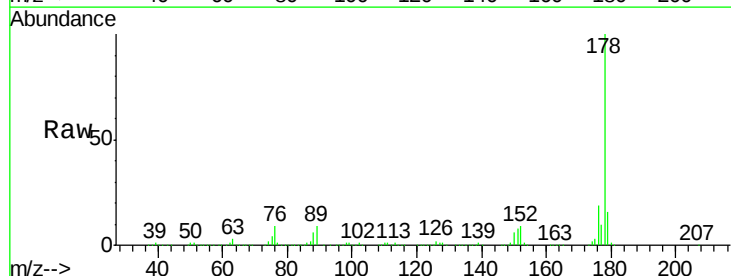
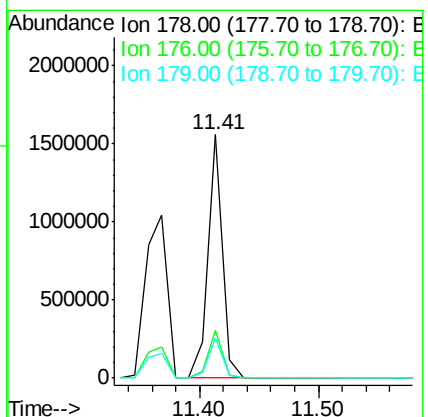
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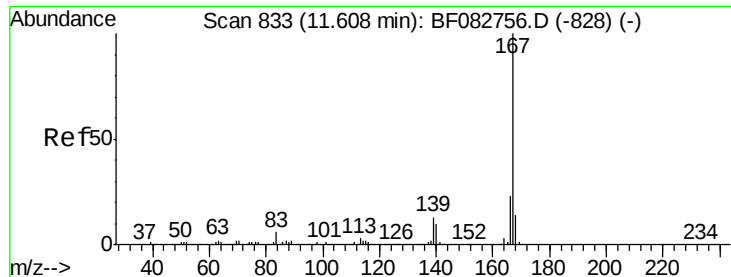
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#71
Anthracene
Concen: 36.21 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion:178 Resp: 1312471
Ion Ratio Lower Upper
178 100
176 19.4 16.5 24.7
179 16.3 13.2 19.8





#72

Carbazole

Concen: 37.97 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:167 Resp: 1204947

Ion Ratio Lower Upper

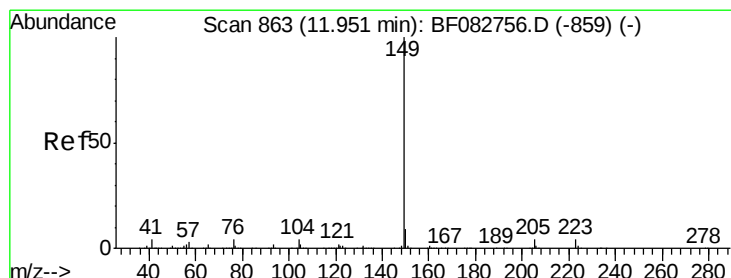
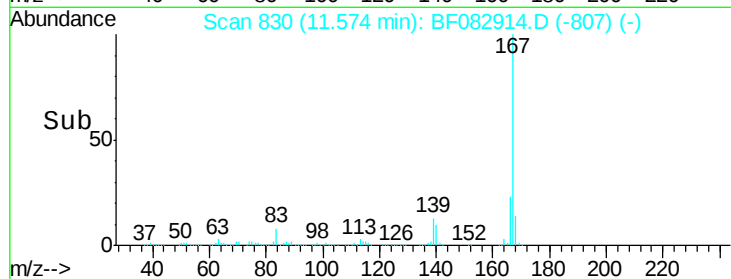
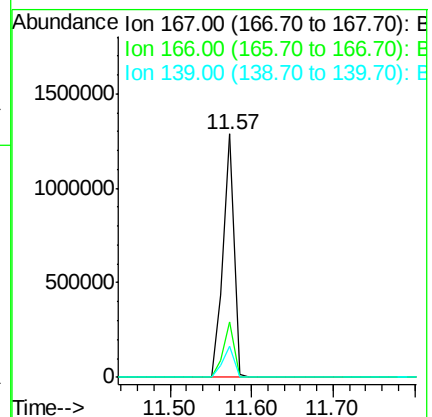
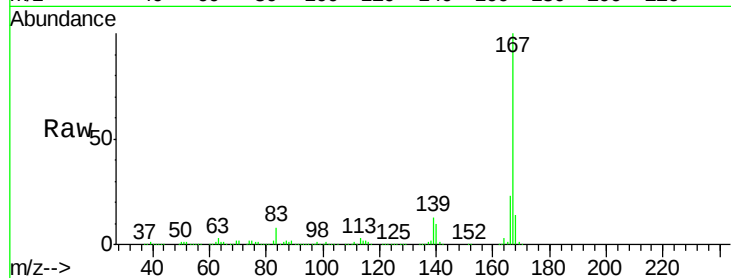
167 100

166 22.7 18.7 28.1

139 12.9 11.8 17.6

Manual Integrations
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Mmdadoda
11/16/2015 12:44:06 PM



#73

Di-n-butylphthalate

Concen: 38.56 ng

RT: 11.91 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

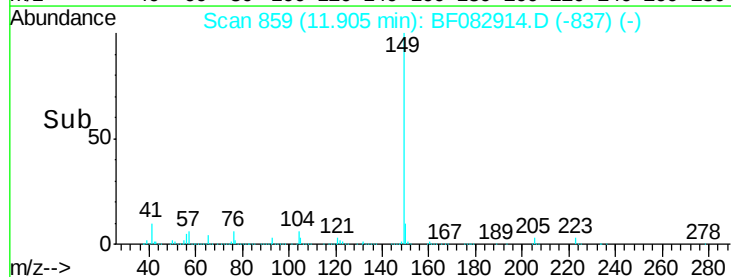
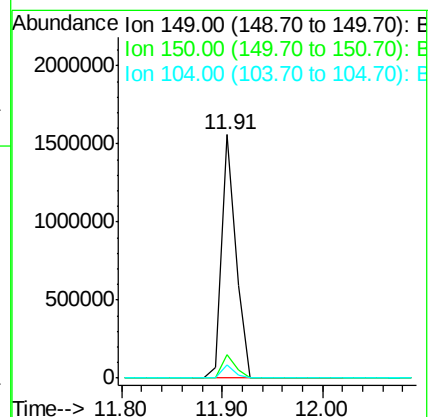
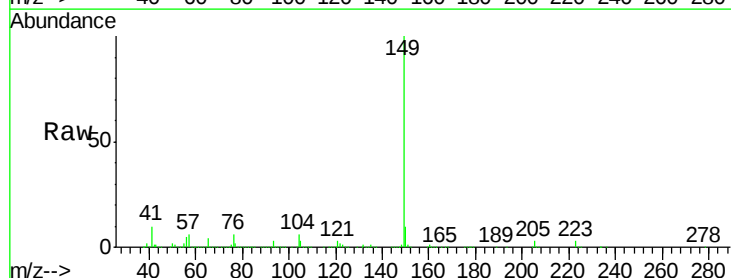
Tgt Ion:149 Resp: 1524624

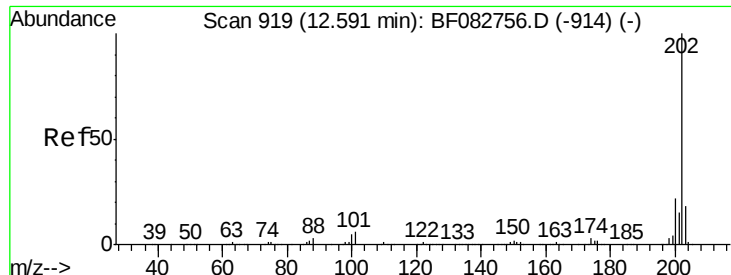
Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 5.7 5.2 7.8





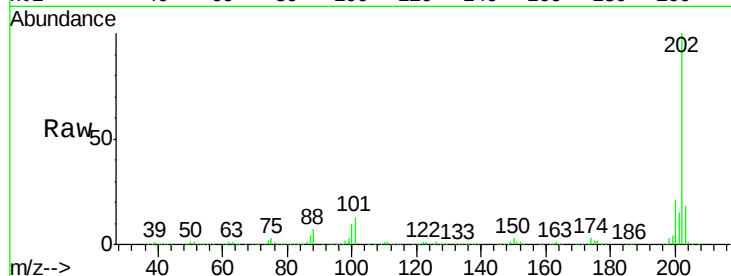
#74
 Fluoranthene
 Concen: 29.33 ng
 RT: 12.55 min Scan# 915
 Delta R.T. -0.05 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

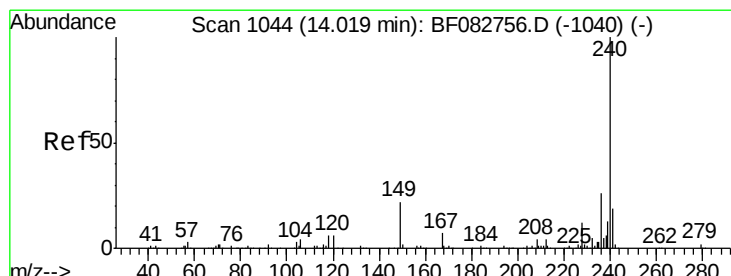
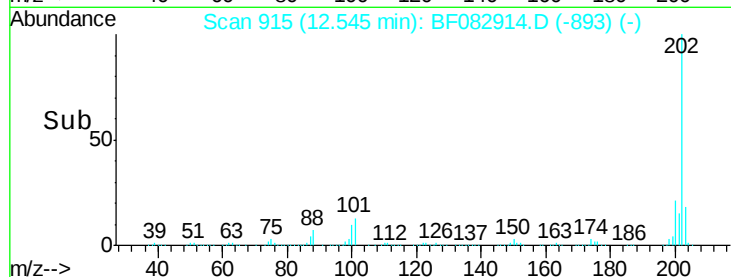
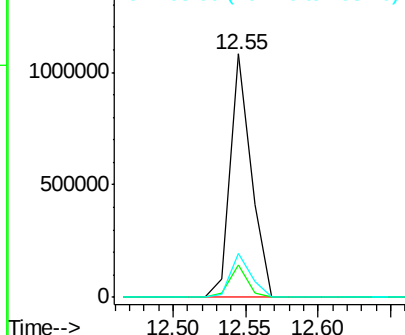
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1083228		
101	13.5		0.0	30.5
203	18.2		0.0	38.5

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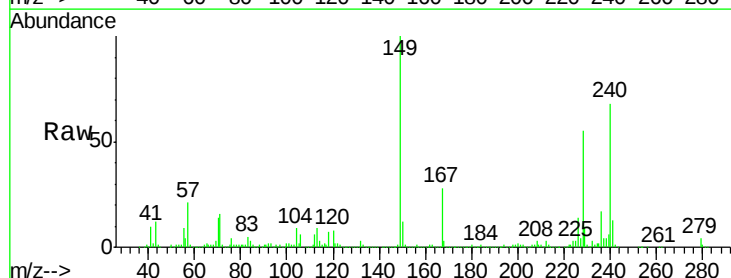


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

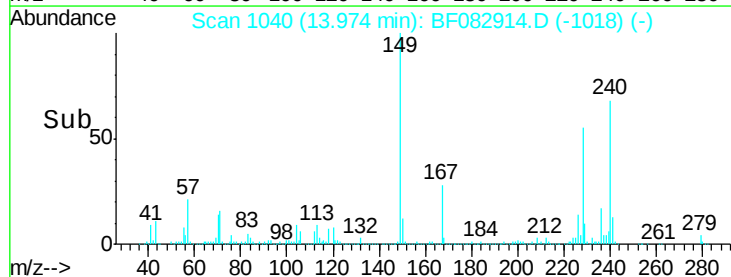
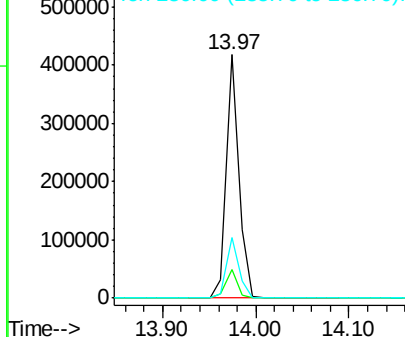


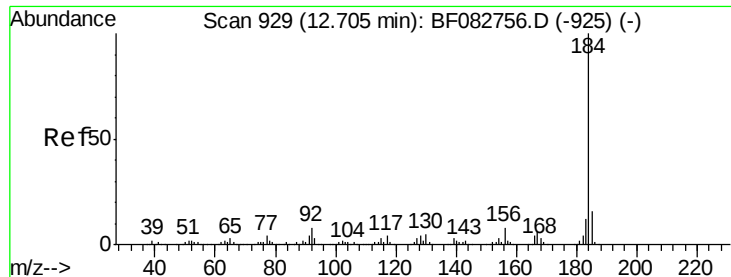
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	394809		
120	12.0		10.9	16.3
236	25.0		21.6	32.4



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





#76

Benzidine

Concen: 38.08 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

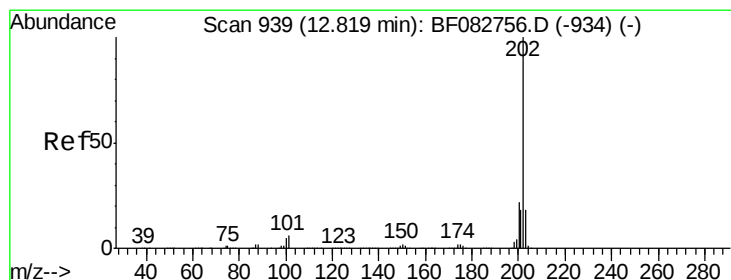
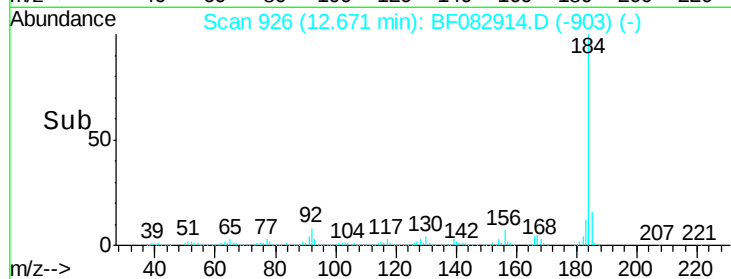
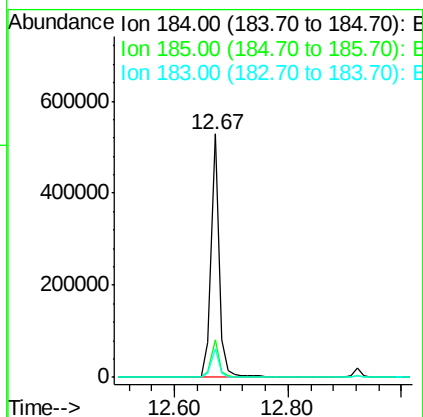
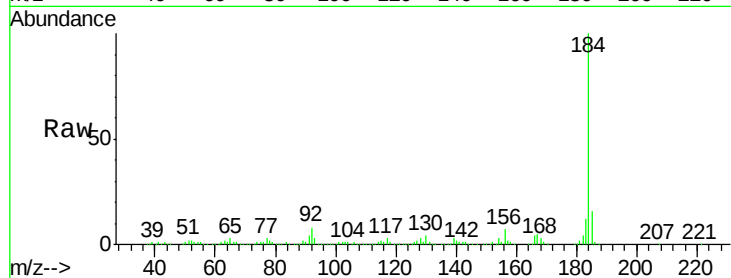
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	184	Resp:	503829
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.0	18.0
183	11.8	9.6	14.4

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#77

Pyrene

Concen: 39.56 ng

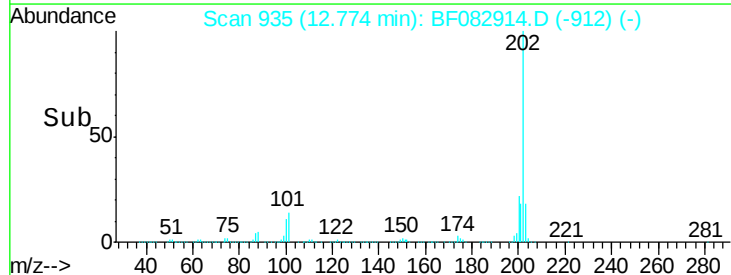
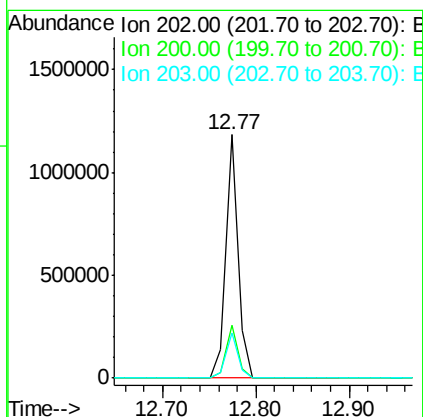
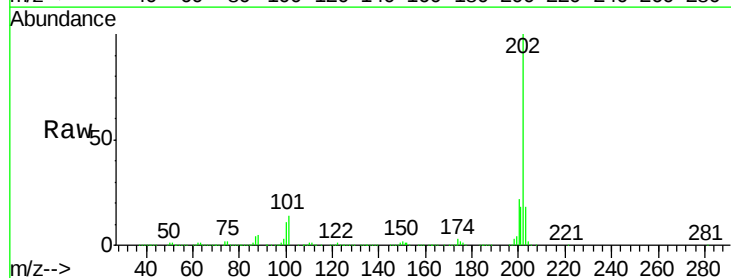
RT: 12.77 min Scan# 935

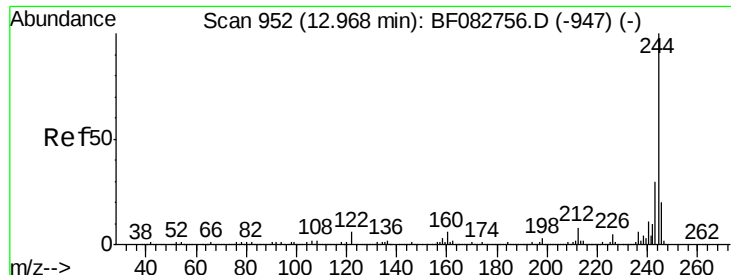
Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	202	Resp:	1072626
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.7	28.1
203	18.5	14.8	22.2





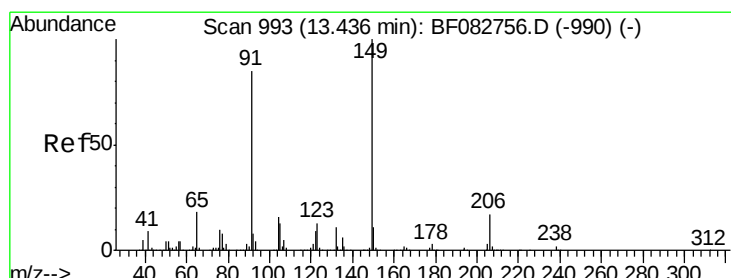
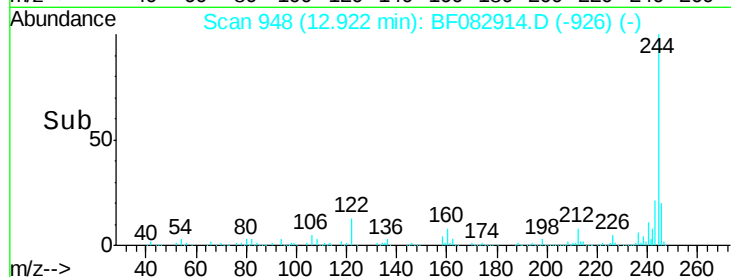
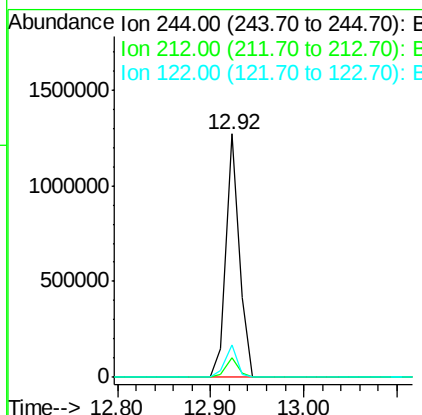
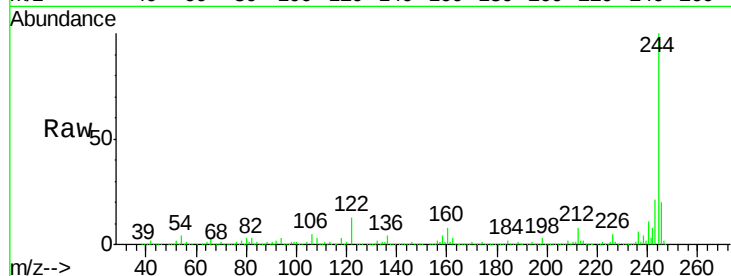
#78
 Terphenyl-d14
 Concen: 76.07 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	13.4	11.3	16.9

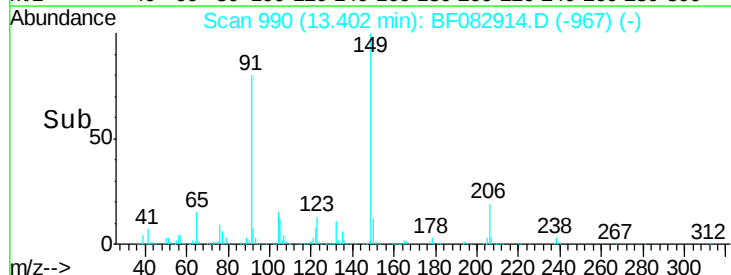
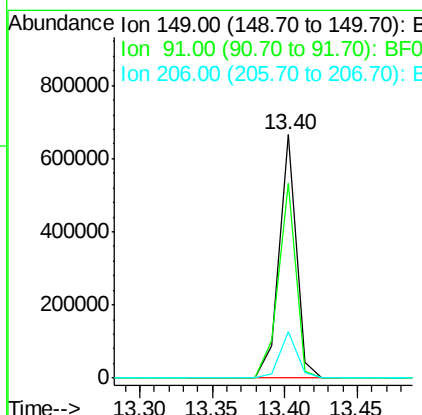
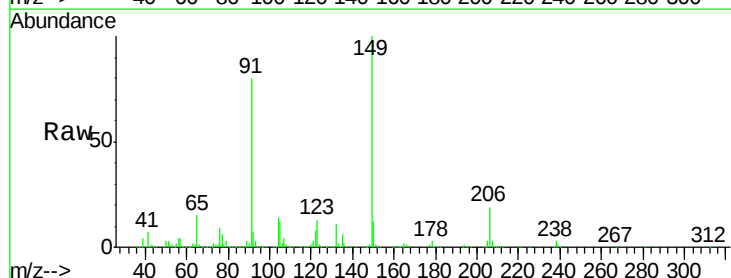
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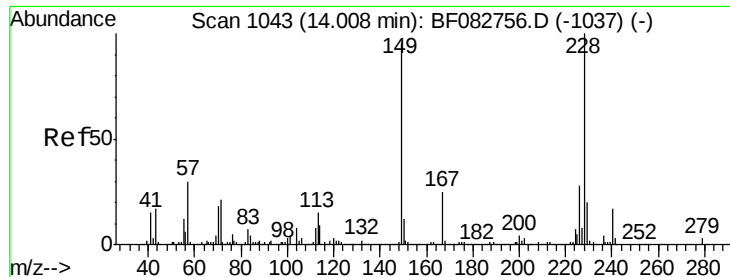
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#79
 Butylbenzylphthalate
 Concen: 45.82 ng
 RT: 13.40 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: BF082914.D
 Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.2	67.7	101.5
206	19.0	14.6	22.0





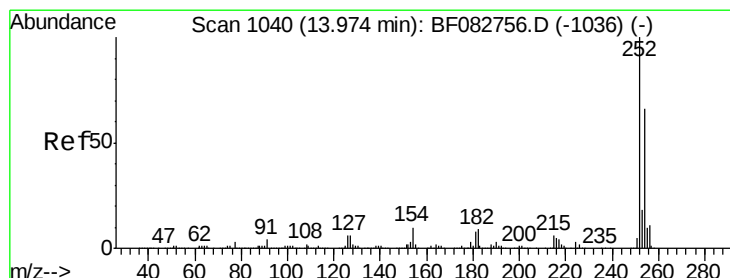
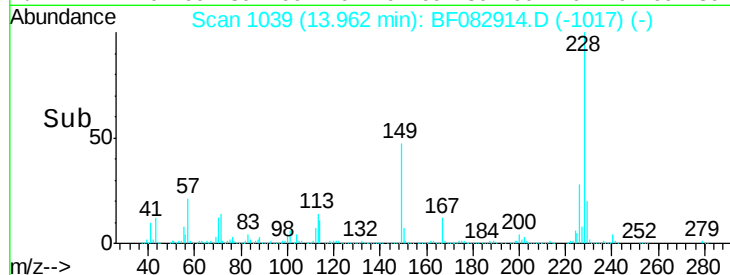
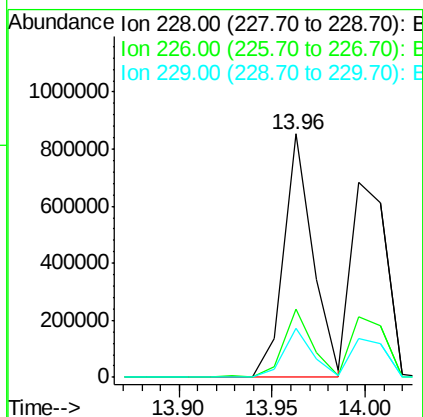
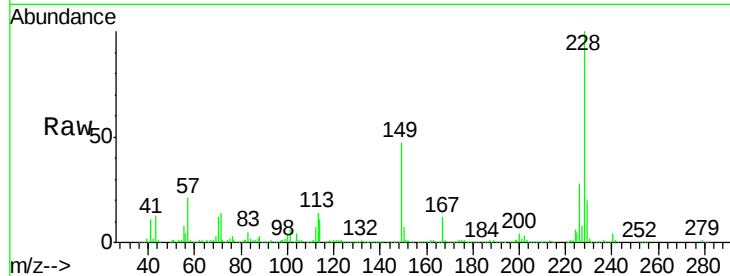
#80
Benzo(a)anthracene
Concen: 37.74 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	20.3	16.3	24.5

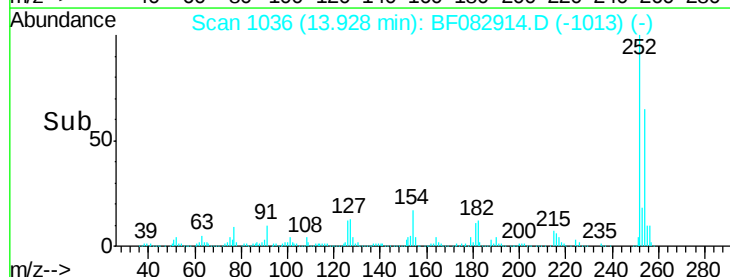
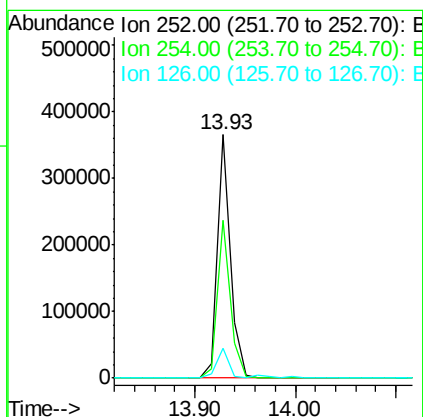
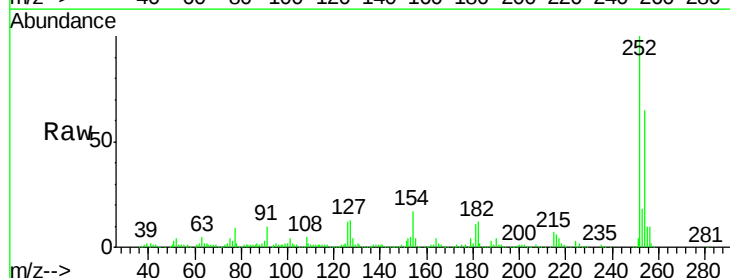
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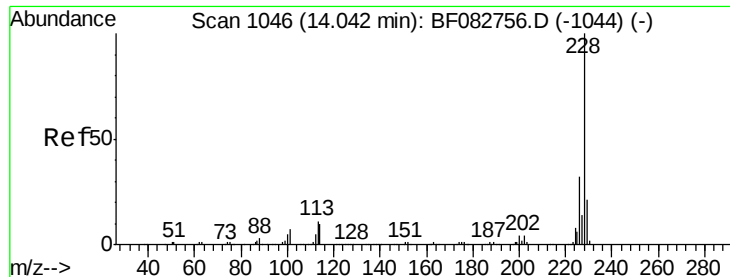
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#81
3,3'-Dichlorobenzidine
Concen: 37.63 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.0
126	12.4	10.7	16.1





#82

Chrysene

Concen: 40.02 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

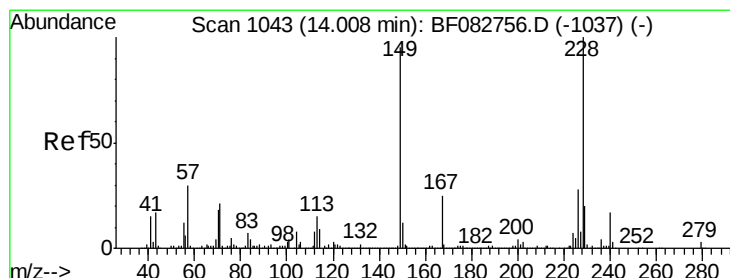
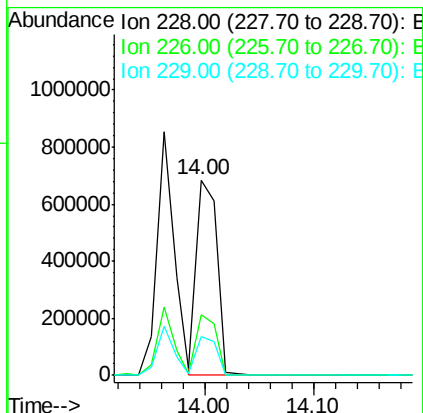
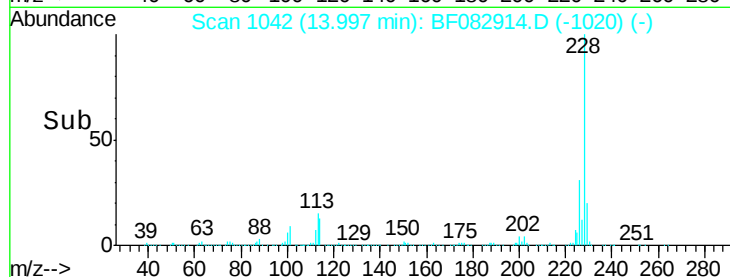
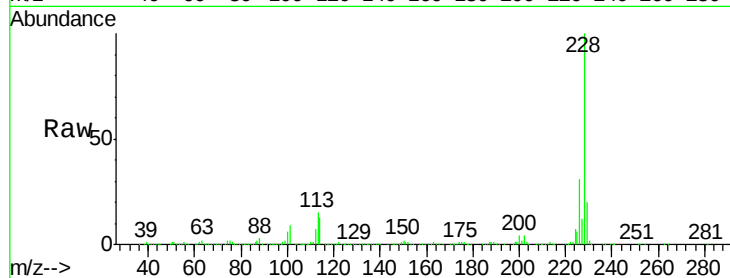
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	228	Resp:	905015
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.5	38.3
229	20.0	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 43.84 ng

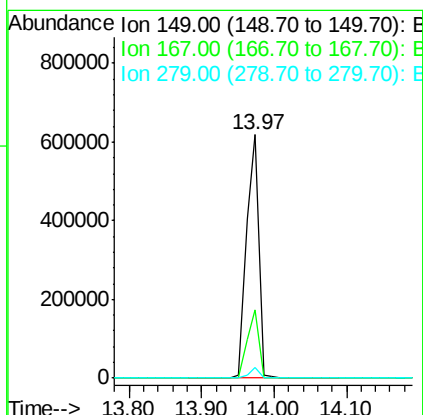
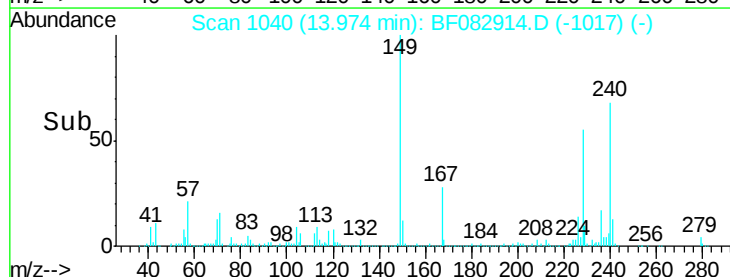
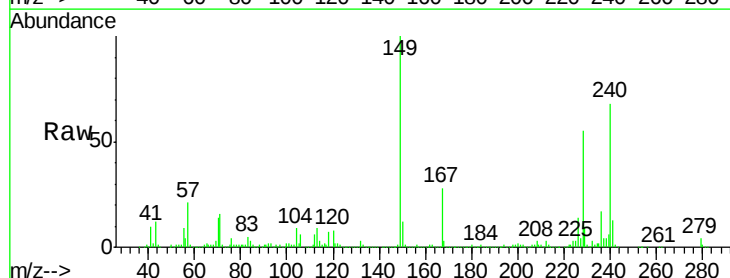
RT: 13.97 min Scan# 1040

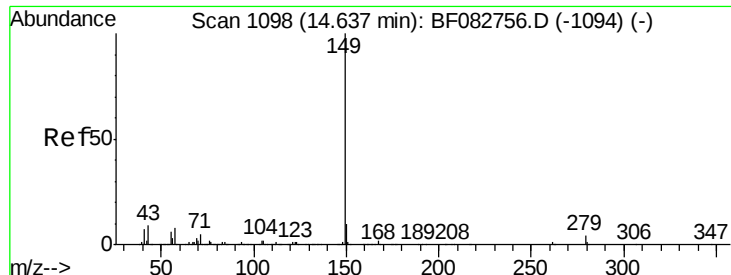
Delta R.T. -0.03 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	149	Resp:	718669
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.2	31.8
279	4.2	2.2	3.2#





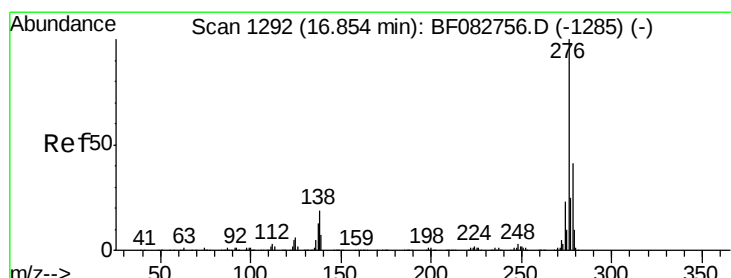
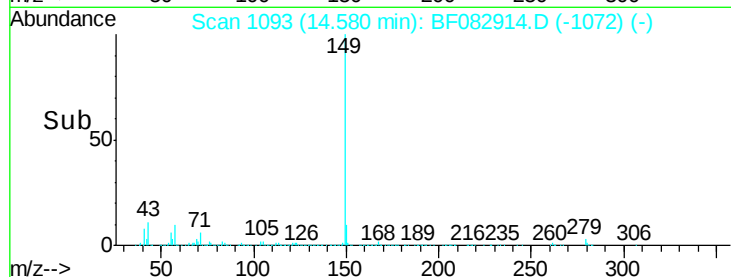
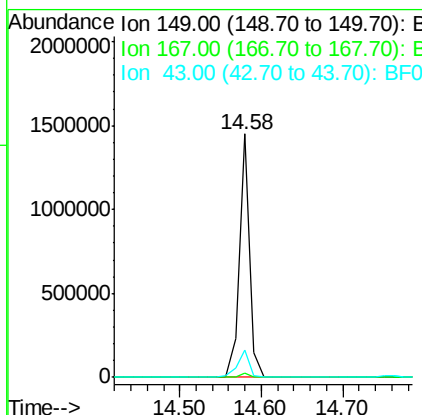
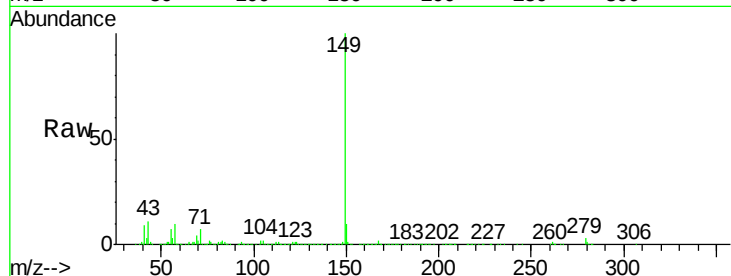
#84
Di-n-octyl phthalate
Concen: 46.04 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.06 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	10.1	15.1

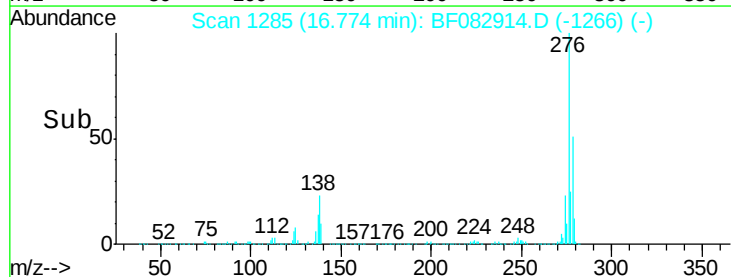
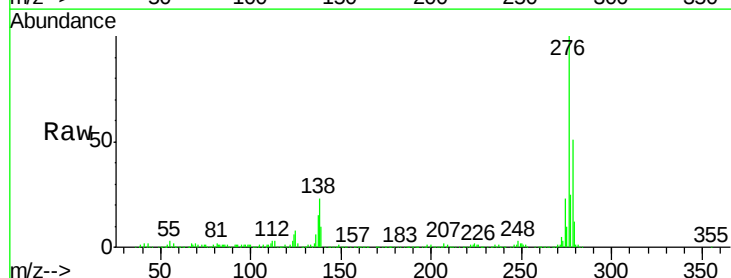
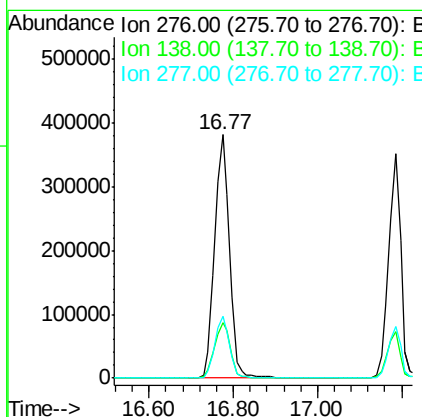
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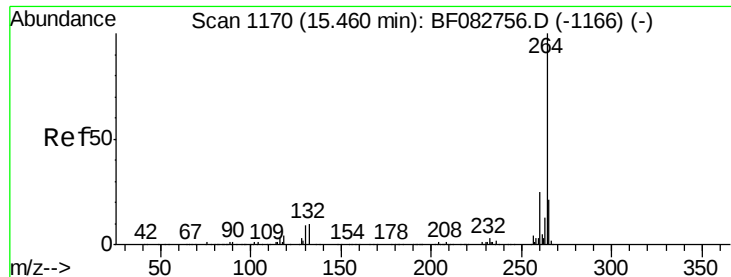
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#85
Indeno(1,2,3-cd)pyrene
Concen: 48.61 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.08 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	15.3	22.9#
277	24.9	20.2	30.4





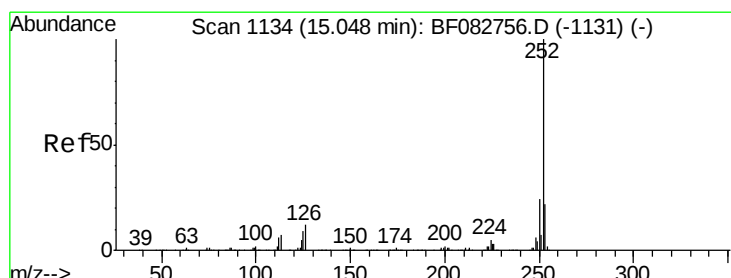
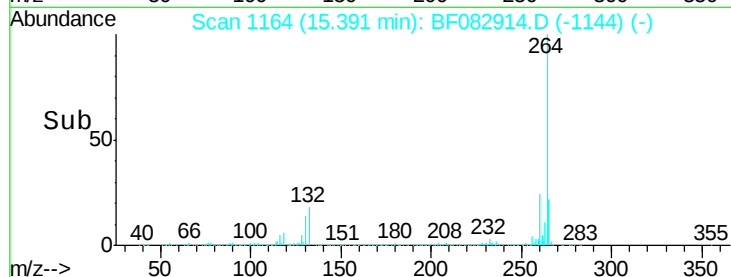
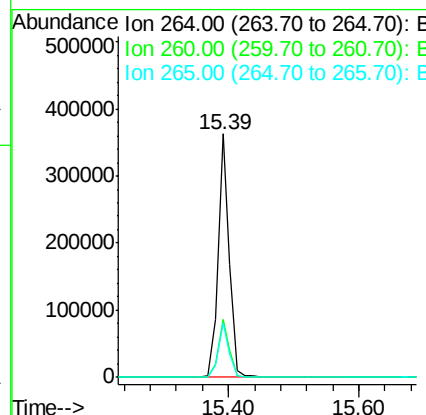
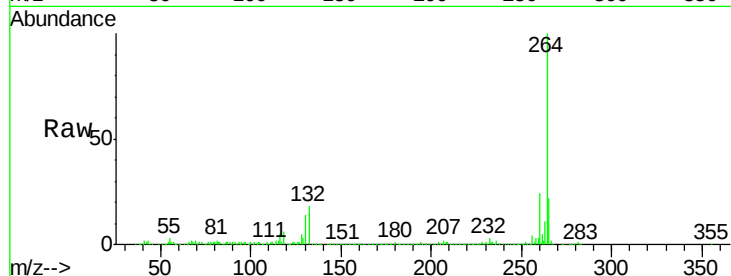
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.2	17.4	26.0

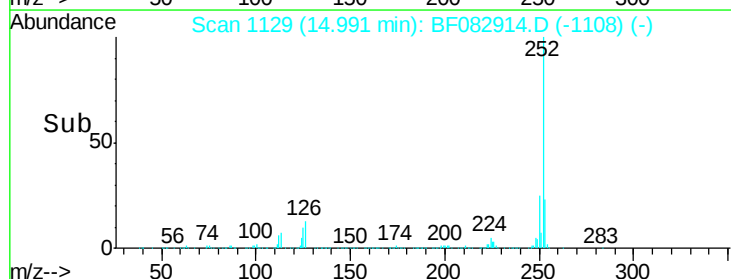
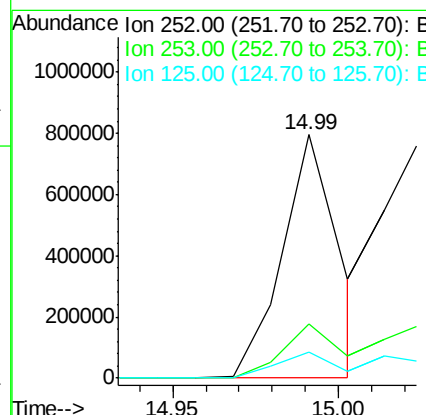
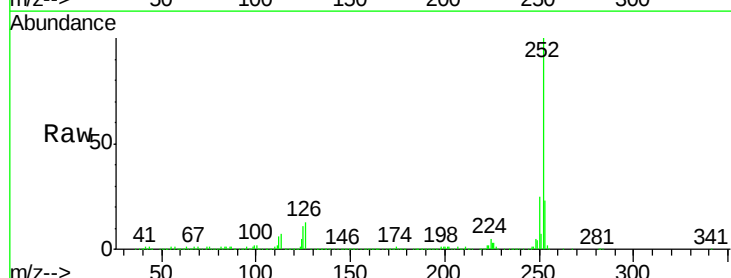
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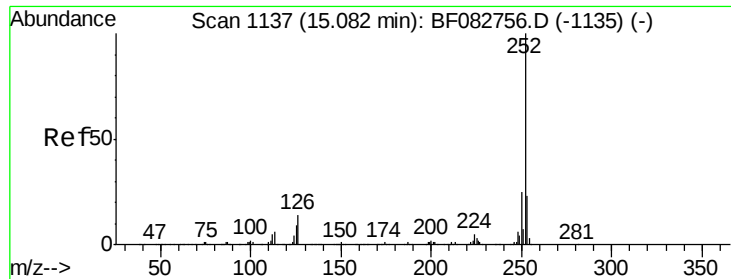
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#87
Benzo(b)fluoranthene
Concen: 33.10 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.5	5.4	8.2#





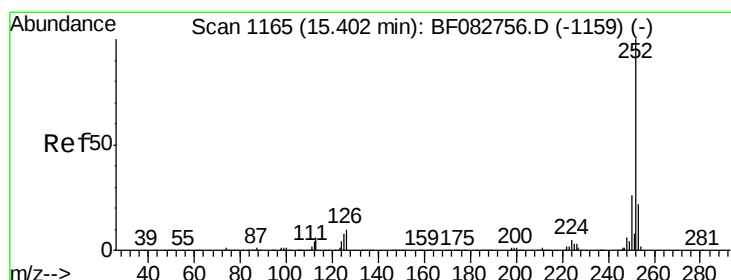
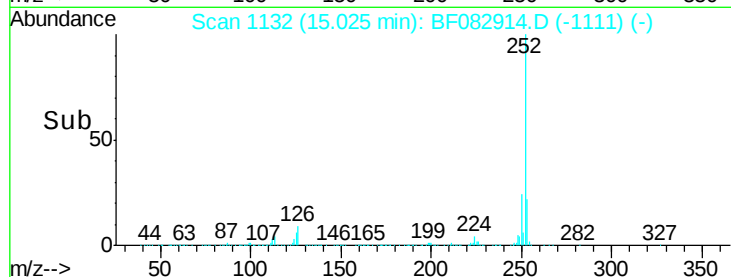
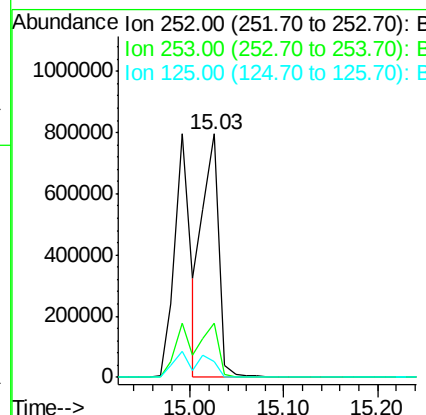
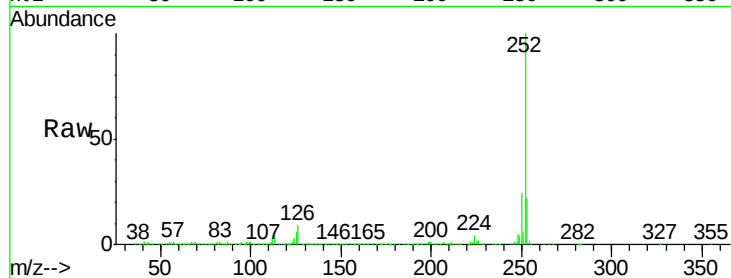
#88
Benzo(k)fluoranthene
Concen: 38.66 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	6.4	3.5	5.3

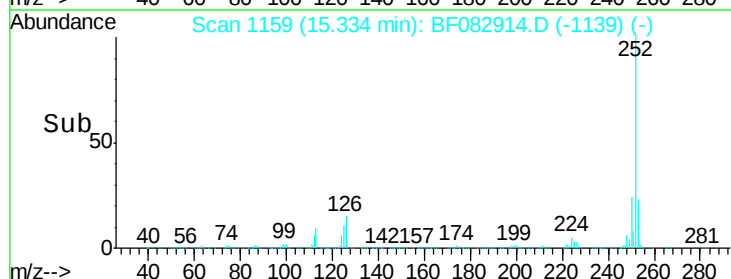
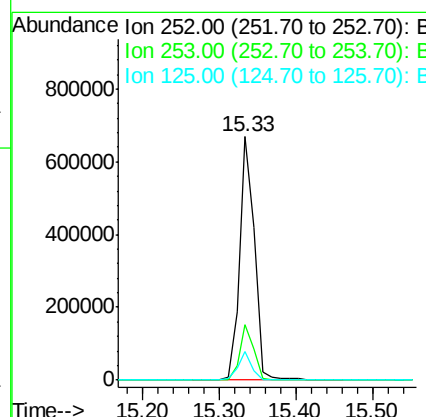
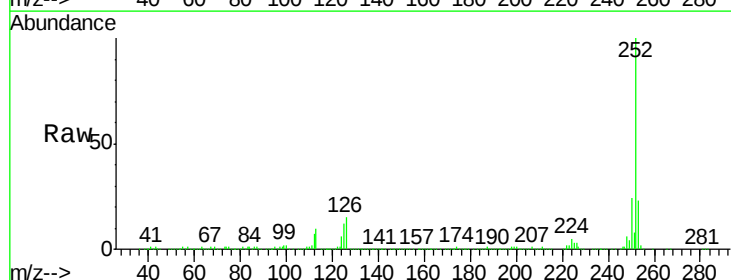
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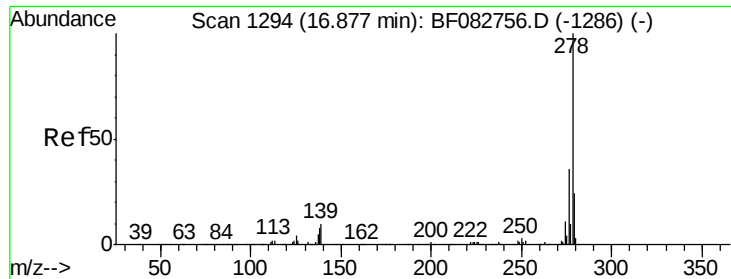
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#89
Benzo(a)pyrene
Concen: 37.15 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.07 min
Lab File: BF082914.D
Acq: 13 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	11.5	7.1	10.7





#90

Dibenzo(a,h)anthracene

Concen: 38.36 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Instrument :

BNA_F

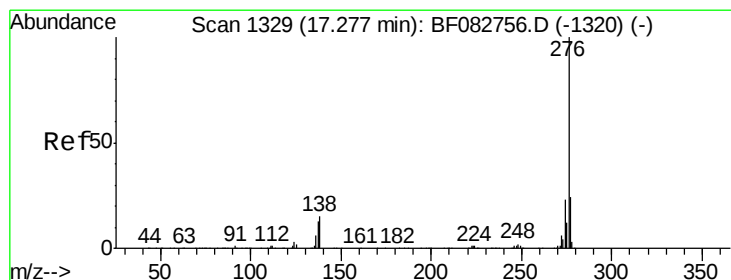
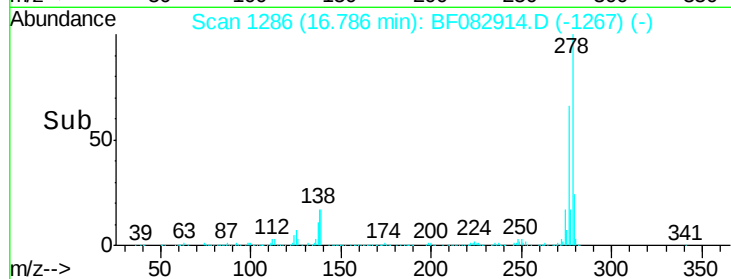
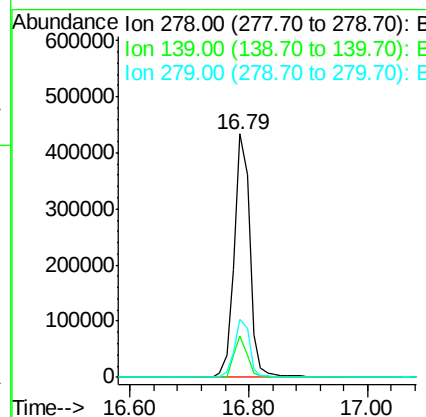
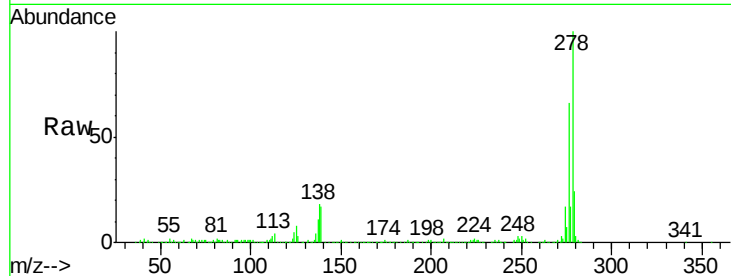
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	278	Resp:	797278
Ion Ratio	Lower	Upper	
278	100		
139	17.0	9.9	14.9#
279	23.8	19.6	29.4

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:06 PM



#91

Benzo(g,h,i)perylene

Concen: 35.90 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.08 min

Lab File: BF082914.D

Acq: 13 Nov 2015 23:22

Tgt Ion:	276	Resp:	714692
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.2	28.8
138	20.8	13.1	19.7#

