

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080827.D
 Acq On : 4 Aug 2015 6:40
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:28:59 PM

Quant Time: Aug 04 15:32:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	206530	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	798151	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	353883	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	595198	20.00	ng	0.00
75) Chrysene-d12	13.99	240	365625	20.00	ng	0.00
86) Perylene-d12	15.39	264	324109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1025149	82.41	ng	0.00
7) Phenol-d6	6.46	99	1273479	76.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	1147527	70.60	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	299051	87.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1729575	73.53	ng	0.00
78) Terphenyl-d14	12.93	244	1382431	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	231738	36.36	ng	99
3) Pyridine	3.18	79	671740	40.02	ng	99
4) n-Nitrosodimethylamine	3.14	42	352352	37.80	ng	99
6) Aniline	6.50	93	921485	38.53	ng	99
8) 2-Chlorophenol	6.62	128	521746	38.08	ng	100
9) Benzaldehyde	6.38	77	391563	39.50	ng	99
10) Phenol	6.48	94	659622	33.89	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	571196	40.83	ng	98
12) 1,3-Dichlorobenzene	6.77	146	563514	36.61	ng	100
13) 1,4-Dichlorobenzene	6.85	146	607811	39.61	ng	99
14) 1,2-Dichlorobenzene	7.00	146	511964	36.03	ng	# 89
15) Benzyl Alcohol	6.98	79	437759	38.42	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1041309	37.65	ng	100
17) 2-Methylphenol	7.09	107	481954	39.87	ng	98
18) Hexachloroethane	7.34	117	215158	38.05	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	398587	36.89	ng	100
20) 3+4-Methylphenols	7.24	107	513689	36.57	ng	99
22) Acetophenone	7.25	105	758766	39.00	ng	98
24) Nitrobenzene	7.42	77	629035	38.09	ng	99
25) Isophorone	7.66	82	1125883	38.77	ng	100
26) 2-Nitrophenol	7.73	139	265564	37.62	ng	98
27) 2,4-Dimethylphenol	7.78	122	532194	39.57	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	603822	34.45	ng	99
29) 2,4-Dichlorophenol	7.97	162	417032	36.94	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	477485	38.88	ng	99
31) Naphthalene	8.14	128	1519101	38.69	ng	100
32) Benzoic acid	7.89	122	327329	40.26	ng	96
33) 4-Chloroaniline	8.19	127	661618	40.00	ng	99
34) Hexachlorobutadiene	8.26	225	276894	36.73	ng	99
35) Caprolactam	8.57	113	134232	42.80	ng	# 89
36) 4-Chloro-3-methylphenol	8.67	107	475937	39.27	ng	99
37) 2-Methylnaphthalene	8.83	142	932167	37.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	436941	38.76	ng	99
40) Hexachlorocyclopentadiene	8.99	237	269717	39.36	ng	100

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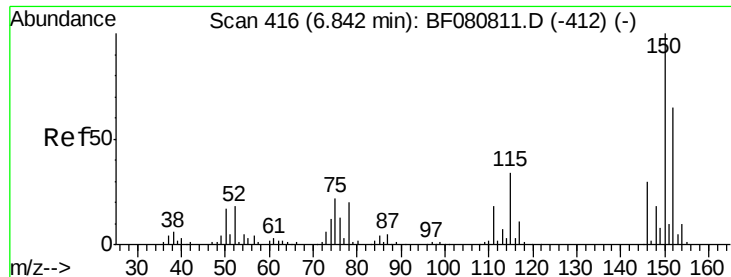
Manual Integrations
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 8/5/2015 2:28:59 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	302371	37.88	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	308198	39.37	ng	98
45) 1,1'-Biphenyl	9.30	154	1121690	41.88	ng	99
46) 2-Chloronaphthalene	9.32	162	896031	40.43	ng	100
47) 2-Nitroaniline	9.41	65	354808	43.26	ng	96
48) Acenaphthylene	9.73	152	1395213	40.20	ng	99
49) Dimethylphthalate	9.60	163	867229	36.76	ng	100
50) 2,6-Dinitrotoluene	9.65	165	190102	37.16	ng	95
51) Acenaphthene	9.90	154	820202	39.17	ng	99
52) 3-Nitroaniline	9.82	138	246330	41.12	ng	95
53) 2,4-Dinitrophenol	9.93	184	120528	43.25	ng	96
54) Dibenzofuran	10.08	168	1113179	40.32	ng	99
55) 4-Nitrophenol	9.97	139	155229	36.93	ng	96
56) 2,4-Dinitrotoluene	10.05	165	235700	36.59	ng	99
57) Fluorene	10.42	166	866148	40.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	231720	41.32	ng	95
59) Diethylphthalate	10.29	149	849438	37.47	ng	100
60) 4-Chlorophenyl-phenylether	10.41	204	379576	35.81	ng	100
61) 4-Nitroaniline	10.43	138	196581	36.10	ng	96
62) Azobenzene	10.57	77	1012605	38.59	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	160967	41.67	ng	92
65) n-Nitrosodiphenylamine	10.53	169	826883	39.84	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	242352	37.12	ng	98
67) Hexachlorobenzene	10.97	284	302728	41.08	ng	98
68) Atrazine	11.06	200	214160	45.01	ng	99
69) Pentachlorophenol	11.15	266	158615	40.02	ng	96
70) Phenanthrene	11.38	178	1218357	39.33	ng	99
71) Anthracene	11.42	178	1108593	36.08	ng	100
72) Carbazole	11.58	167	1023090	38.93	ng	99
73) Di-n-butylphthalate	11.92	149	1143717	35.95	ng	100
74) Fluoranthene	12.56	202	1028209	34.96	ng	99
76) Benzidine	12.68	184	476359	44.18	ng	99
77) Pyrene	12.79	202	1095530	40.38	ng	99
79) Butylbenzylphthalate	13.41	149	451763	42.42	ng	98
80) Benzo(a)anthracene	13.97	228	832850	40.20	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	316393	42.91	ng	98
82) Chrysene	14.01	228	852789	42.09	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	557875	42.46	ng	100
84) Di-n-octyl phthalate	14.58	149	870888	41.92	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	875918	47.27	ng	99
87) Benzo(b)fluoranthene	14.99	252	704818m	37.12	ng	
88) Benzo(k)fluoranthene	15.01	252	665570m	40.16	ng	
89) Benzo(a)pyrene	15.33	252	661794	40.84	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	709792	45.14	ng	98
91) Benzo(g,h,i)perylene	17.19	276	756939	46.06	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

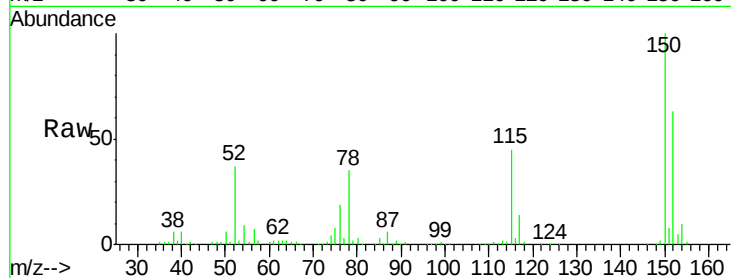
ClientSampleId :

SSTDCCC040

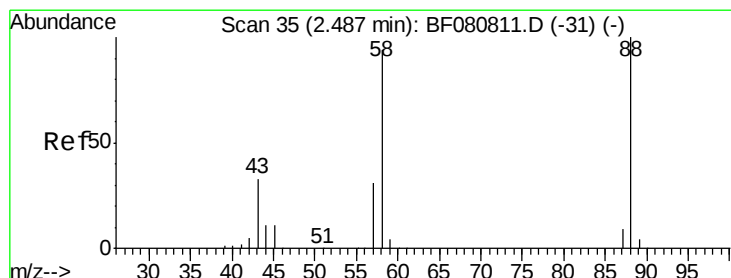
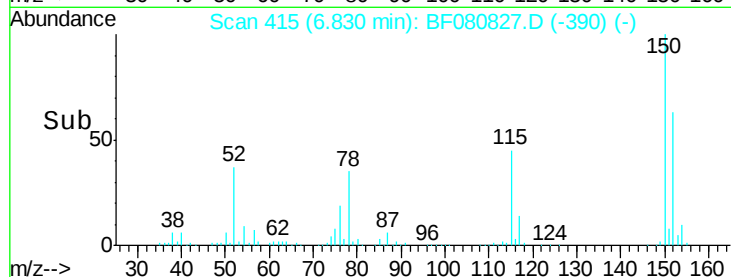
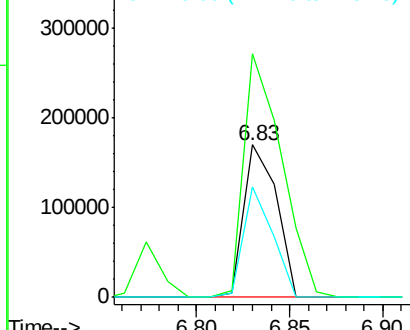
Tgt Ion:	152	Resp:	206530
Ion Ratio	Lower	Upper	
152	100		
150	159.6	122.9	184.3
115	72.4	42.0	63.0

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



#2

1,4-Dioxane

Concen: 36.36 ng

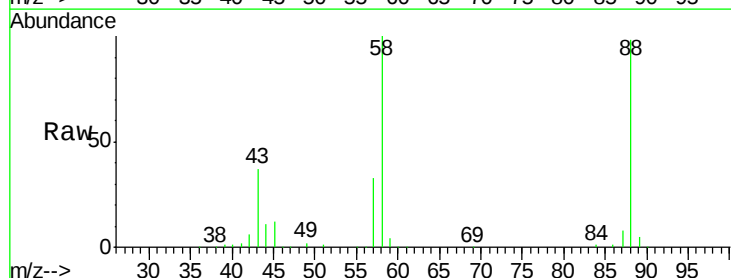
RT: 2.48 min Scan# 34

Delta R.T. -0.01 min

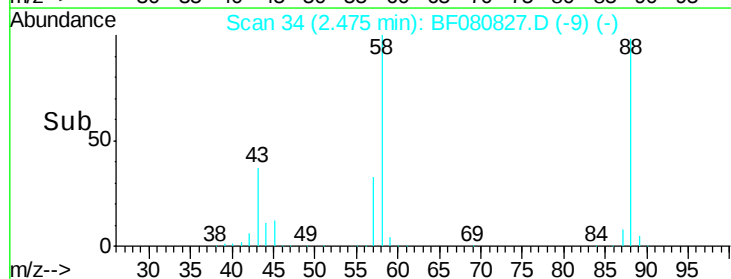
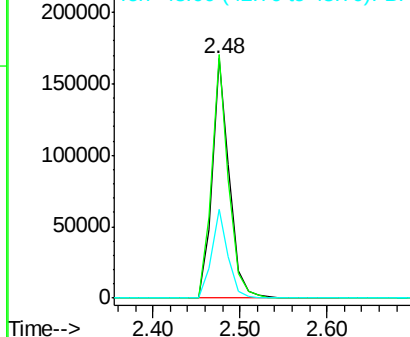
Lab File: BF080827.D

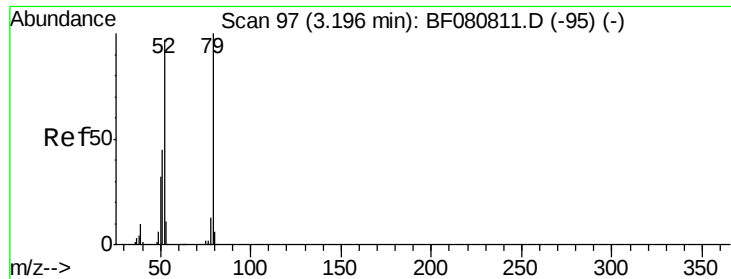
Acq: 4 Aug 2015 6:40

Tgt Ion:	88	Resp:	231738
Ion Ratio	Lower	Upper	
88	100		
58	99.1	78.2	117.4
43	35.3	27.6	41.4



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: 40.02 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

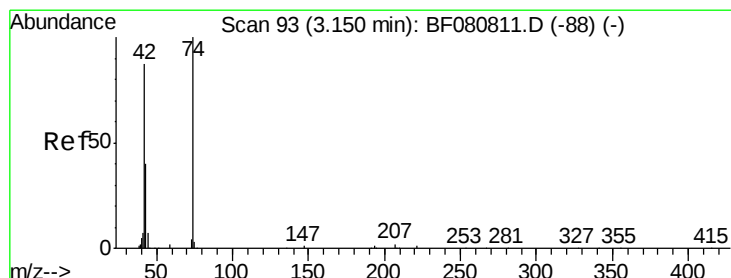
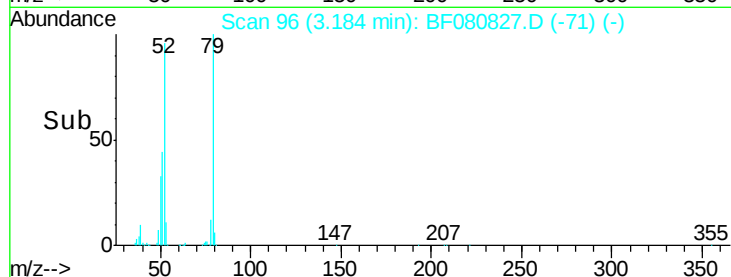
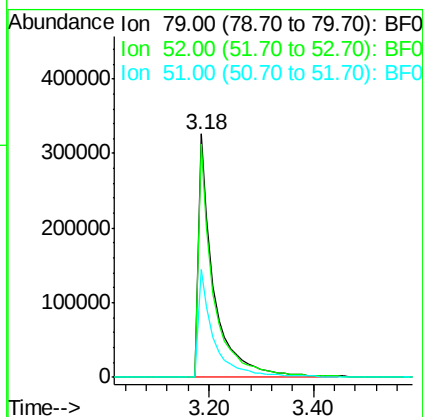
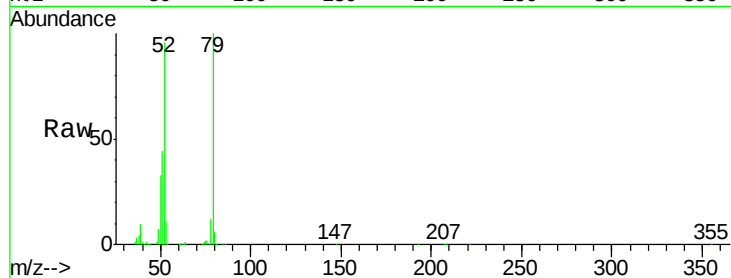
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	671740
Ion	Ratio	Lower	Upper
79	100		
52	96.0	77.7	116.5
51	44.2	35.8	53.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.80 ng

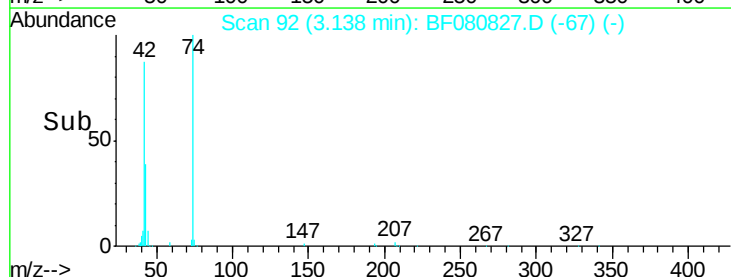
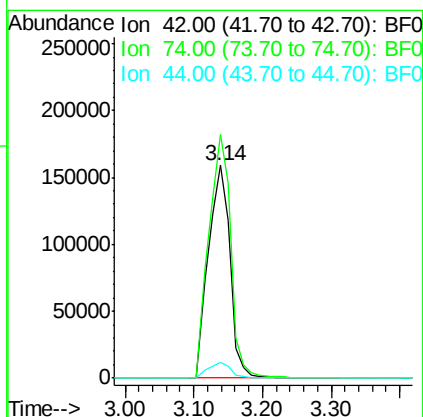
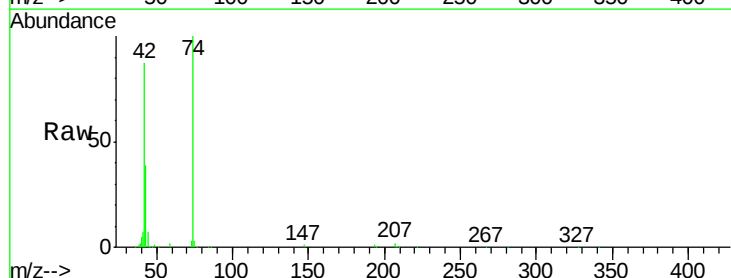
RT: 3.14 min Scan# 92

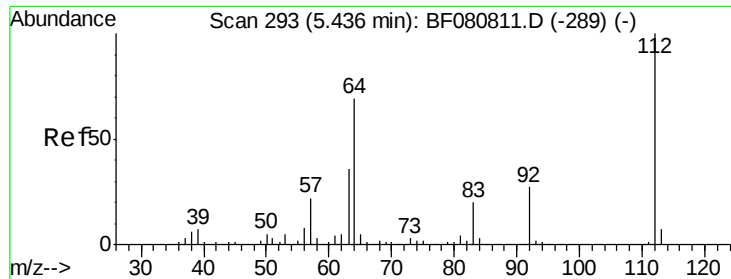
Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:	42	Resp:	352352
Ion	Ratio	Lower	Upper
42	100		
74	114.5	92.4	138.6
44	7.5	6.2	9.2





#5

2-Fluorophenol

Concen: 82.41 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080827.D

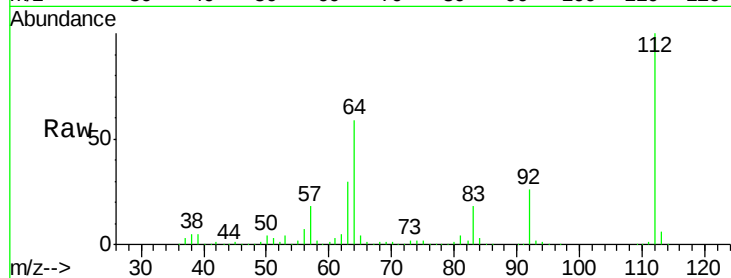
Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 112 Resp: 1025149

Ion Ratio Lower Upper

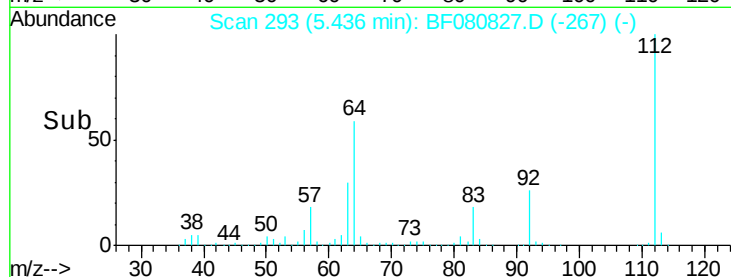
112 100

64 59.0 55.0 82.4

63 30.4 28.6 42.8

Manual Integrations
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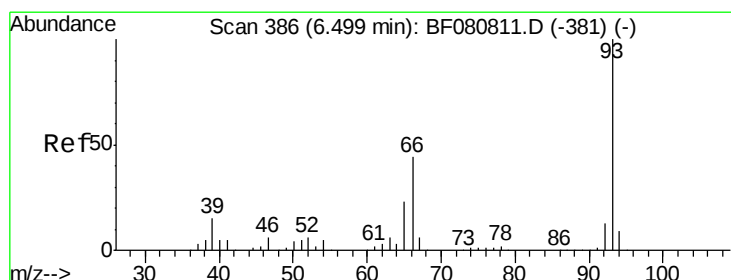
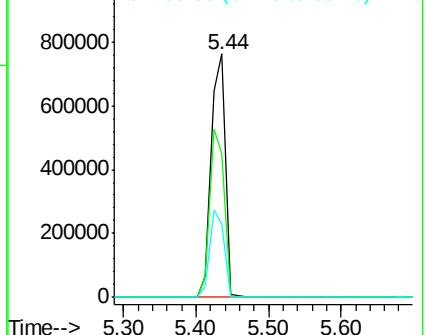
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.53 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

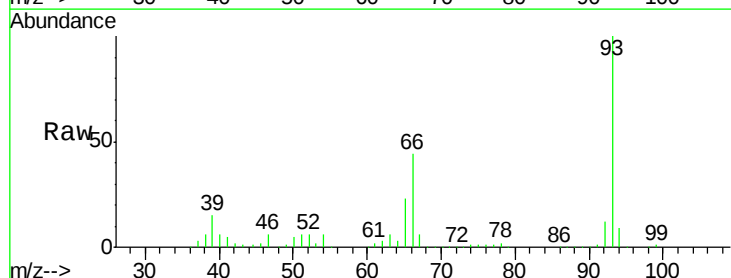
Tgt Ion: 93 Resp: 921485

Ion Ratio Lower Upper

93 100

66 44.5 35.3 52.9

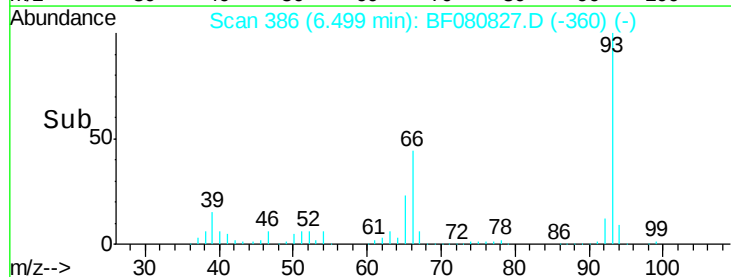
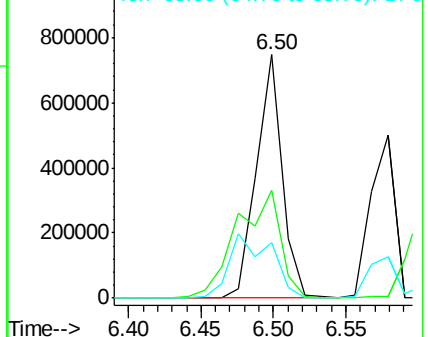
65 22.8 18.7 28.1

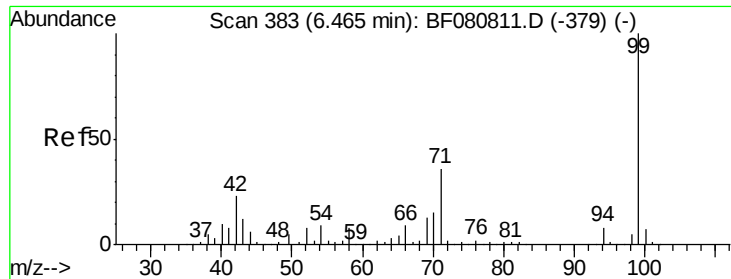


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.14 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1273479

Ion Ratio Lower Upper

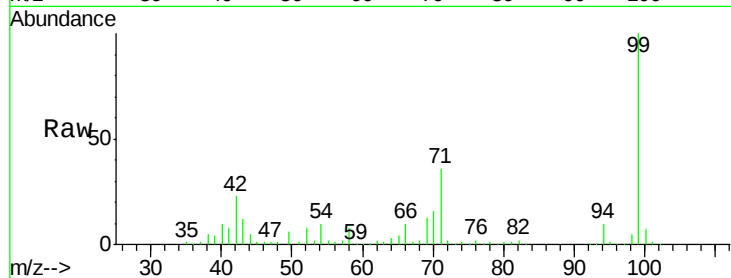
99 100

42 22.9 18.4 27.6

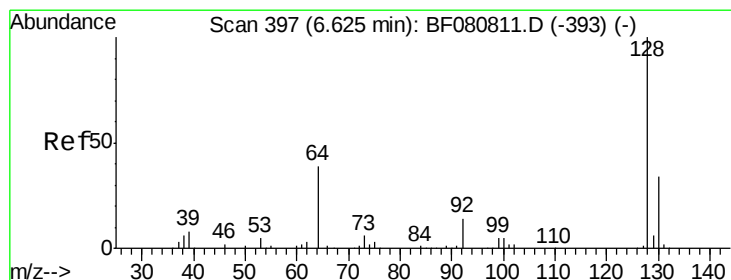
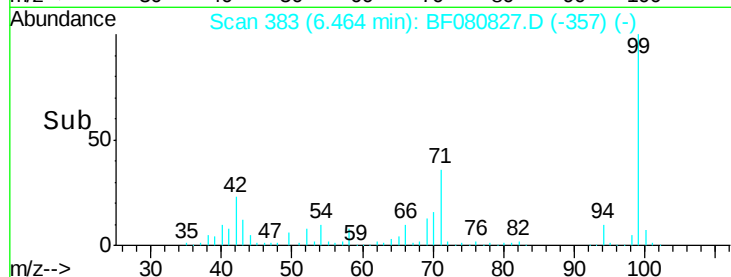
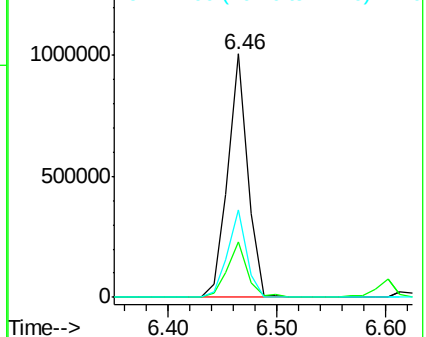
71 35.9 28.7 43.1

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



#8

2-Chlorophenol

Concen: 38.08 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

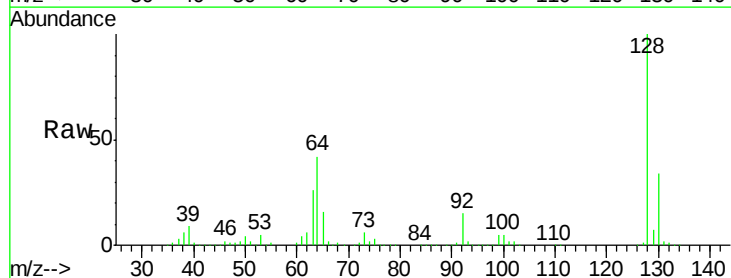
Tgt Ion: 128 Resp: 521746

Ion Ratio Lower Upper

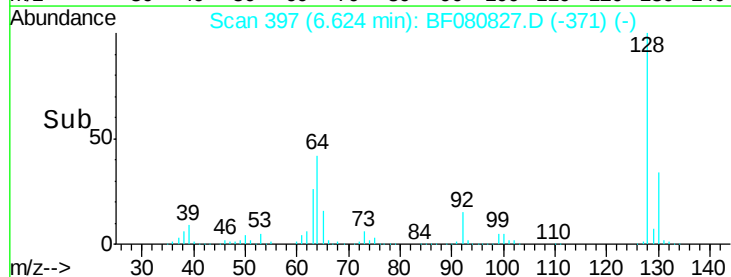
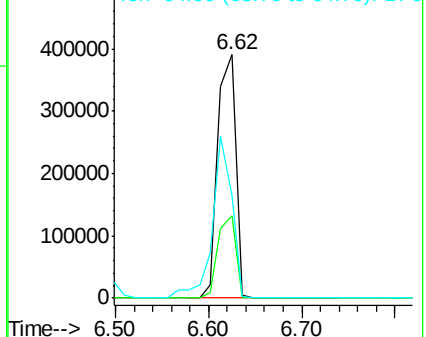
128 100

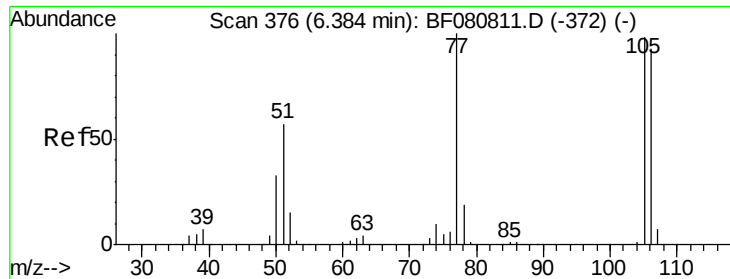
130 33.8 14.1 54.1

64 42.4 22.3 62.3



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: 39.50 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

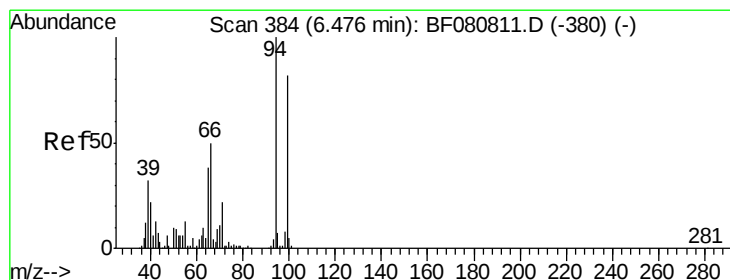
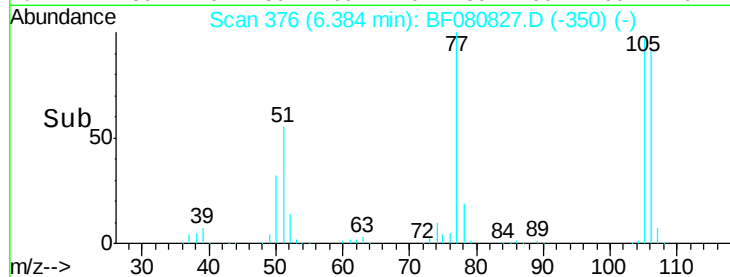
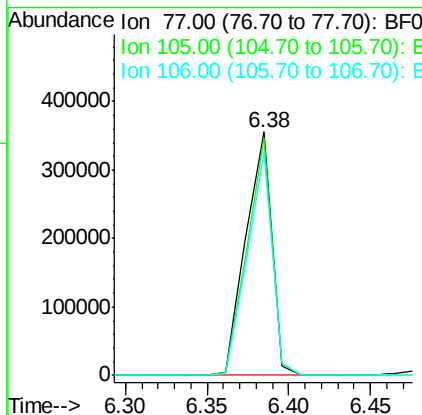
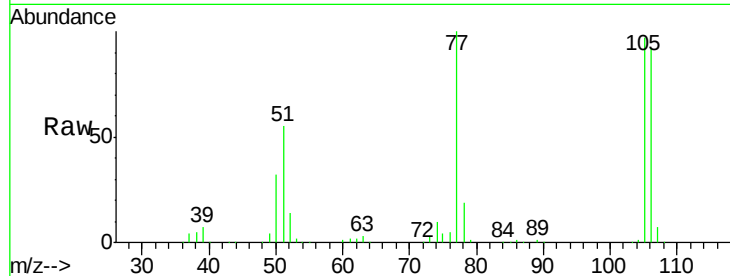
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	391563
Ion Ratio	Lower	Upper	
77	100		
105	97.5	78.1	118.1
106	91.6	72.7	112.7

Manual Integrations
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#10

Phenol

Concen: 33.89 ng

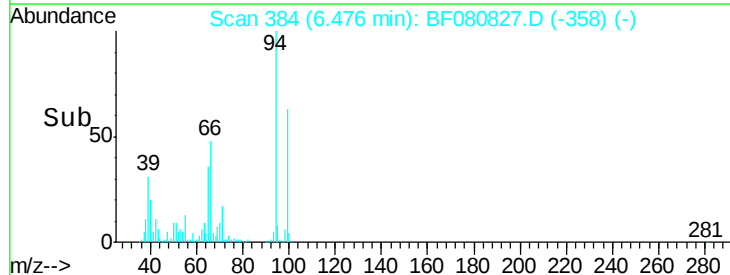
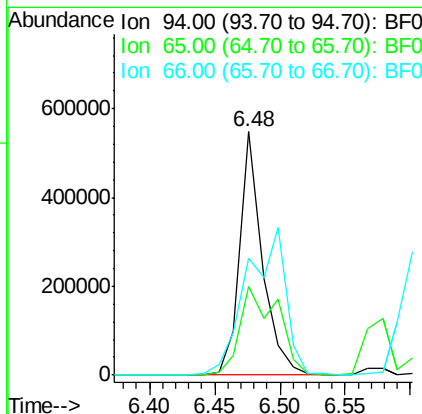
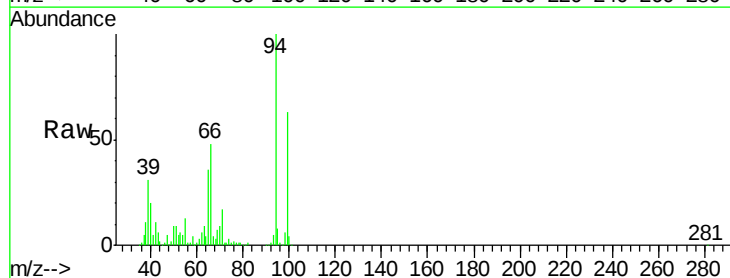
RT: 6.48 min Scan# 384

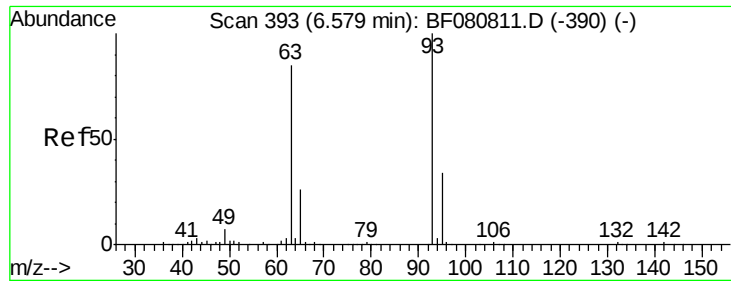
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:	94	Resp:	659622
Ion Ratio	Lower	Upper	
94	100		
65	36.3	17.5	57.5
66	47.8	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 40.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 571196
Ion Ratio Lower Upper

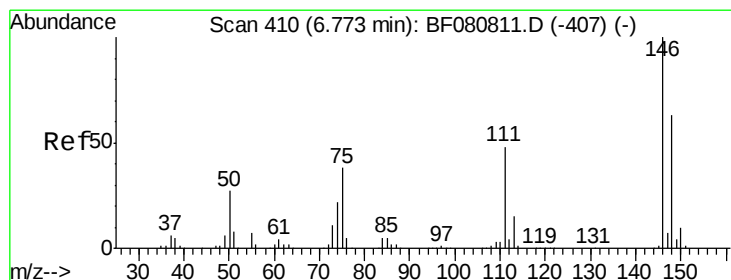
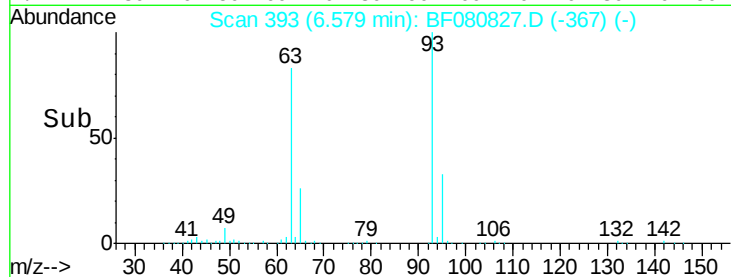
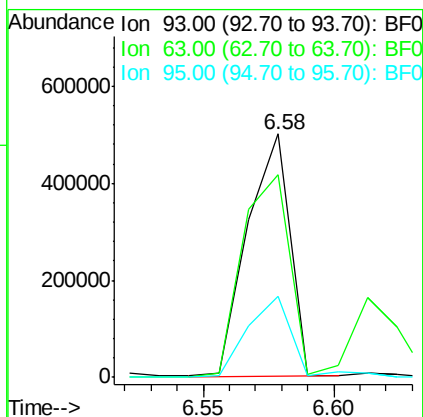
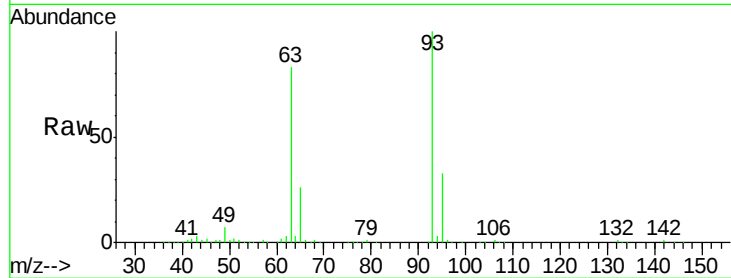
93 100

63 83.0 64.9 104.9

95 33.2 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 36.61 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080827.D

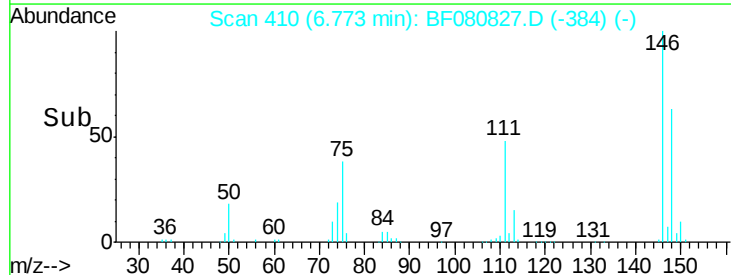
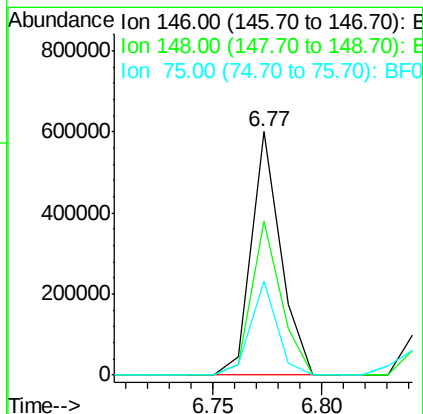
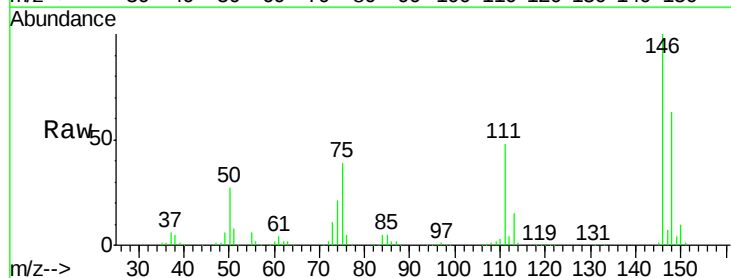
Acq: 4 Aug 2015 6:40

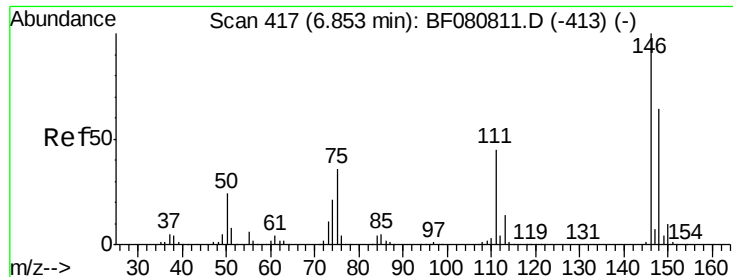
Tgt Ion: 146 Resp: 563514
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 38.6 30.7 46.1





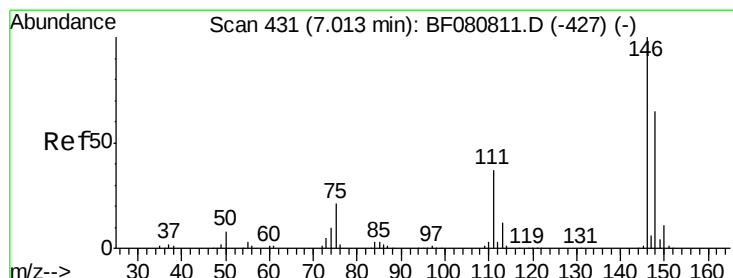
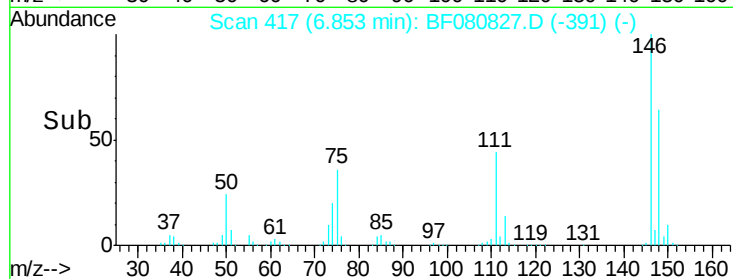
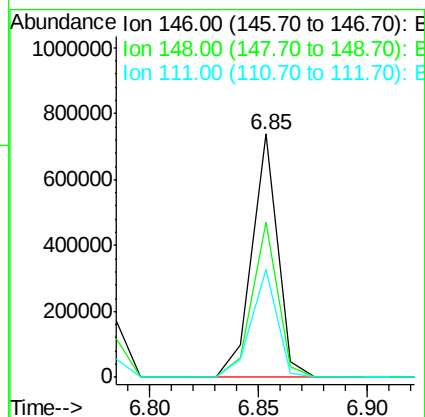
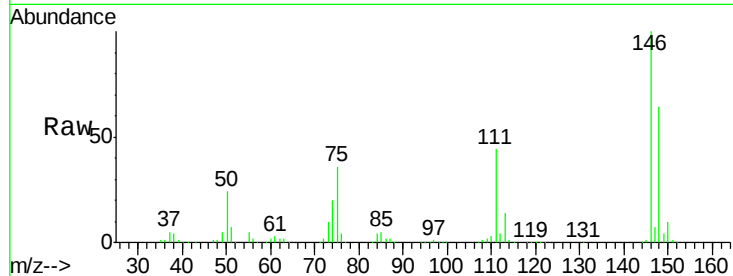
#13
1,4-Dichlorobenzene
Concen: 39.61 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.9	51.3	76.9
111	44.1	35.8	53.8

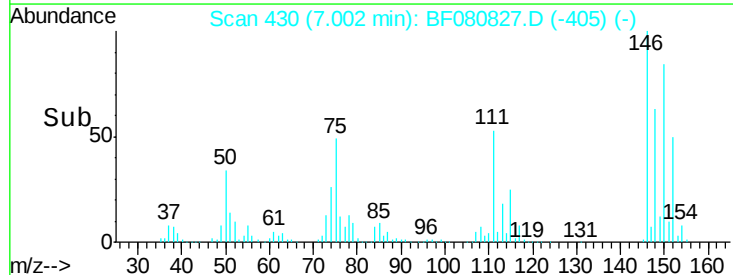
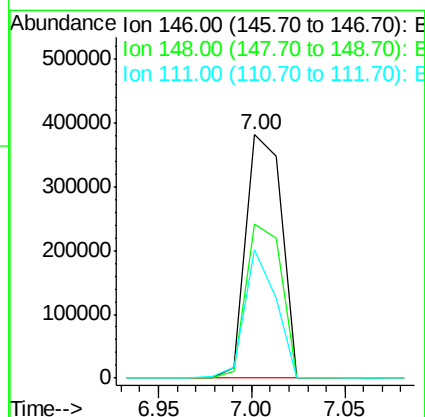
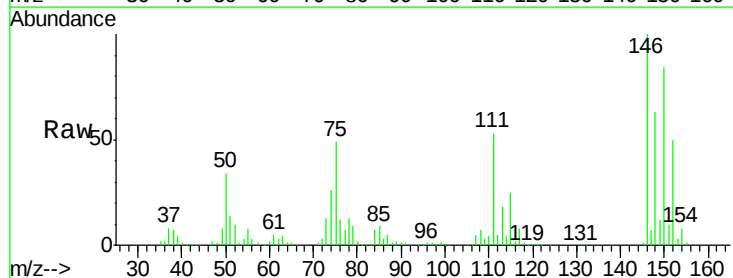
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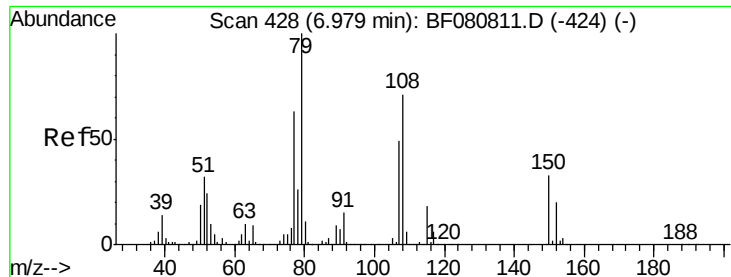
MMDadoda
8/5/2015 2:28:59 PM



#14
1,2-Dichlorobenzene
Concen: 36.03 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.3	52.0	78.0
111	53.0	29.3	43.9#





#15

Benzyl Alcohol

Concen: 38.42 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

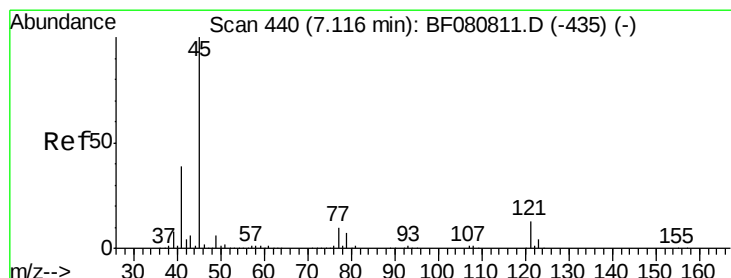
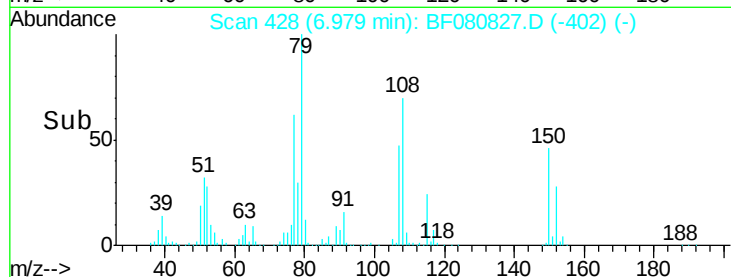
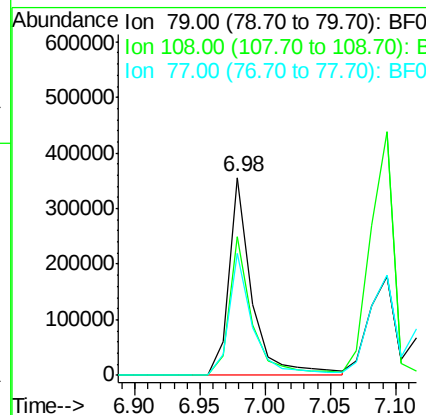
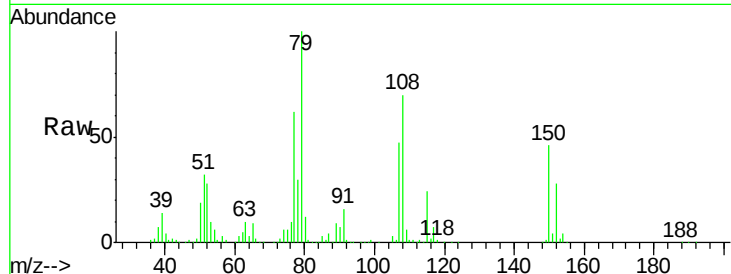
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	437759
Ion	Ratio	Lower	Upper
79	100		
108	69.9	56.9	85.3
77	61.9	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.65 ng

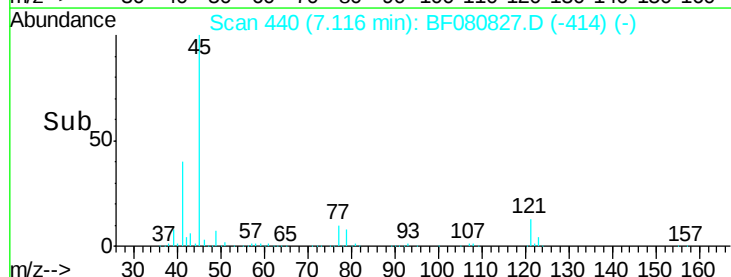
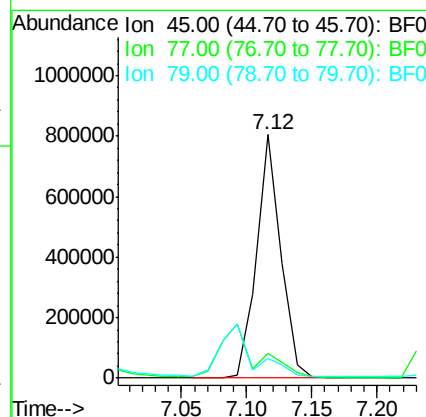
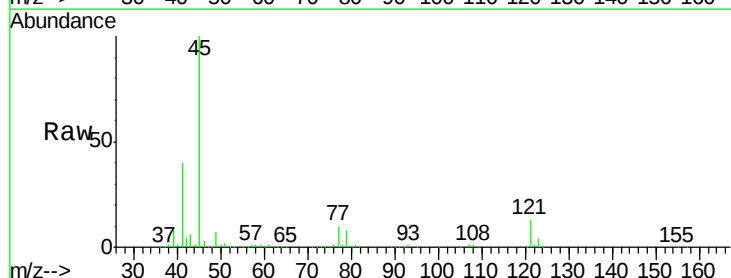
RT: 7.12 min Scan# 440

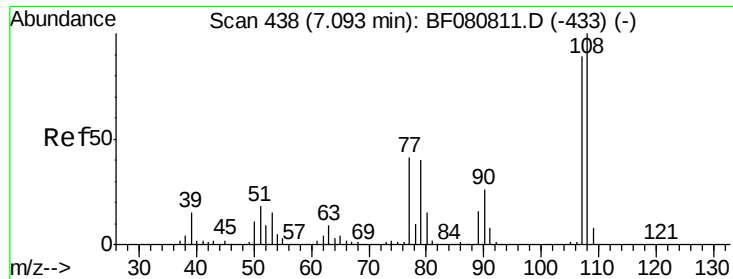
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:	45	Resp:	1041309
Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.5
79	8.3	0.0	28.2





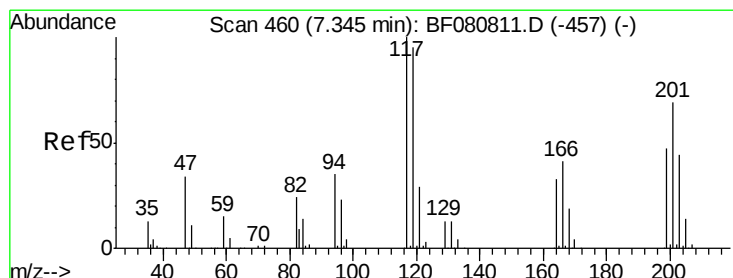
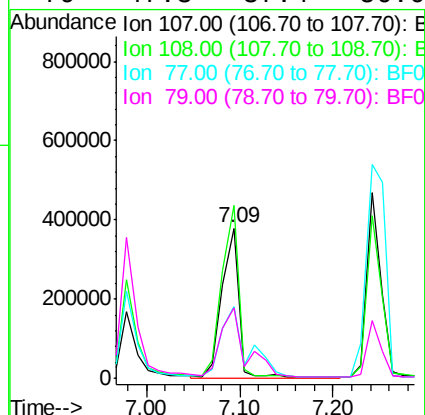
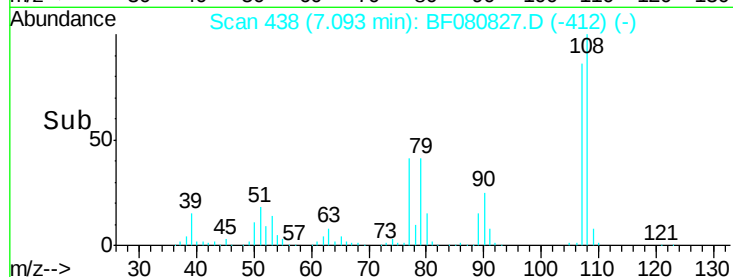
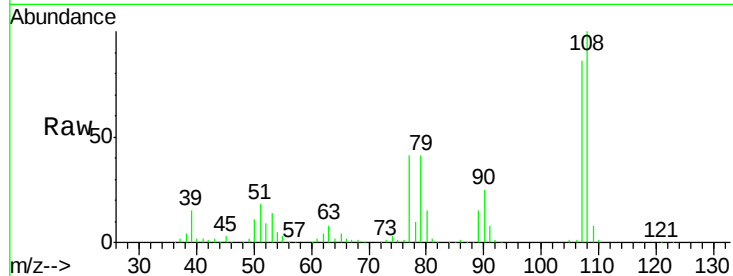
#17
2-Methylphenol
Concen: 39.87 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	481954
Ion Ratio	Lower	Upper	
107	100		
108	115.7	90.6	135.8
77	47.5	37.8	56.8
79	47.3	37.4	56.0

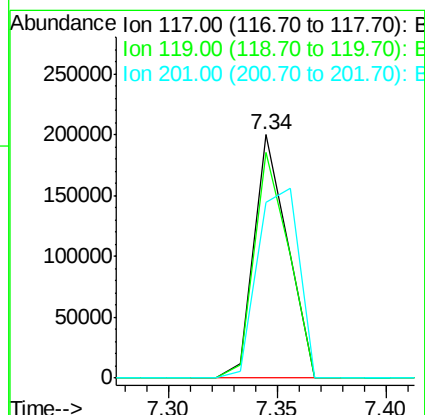
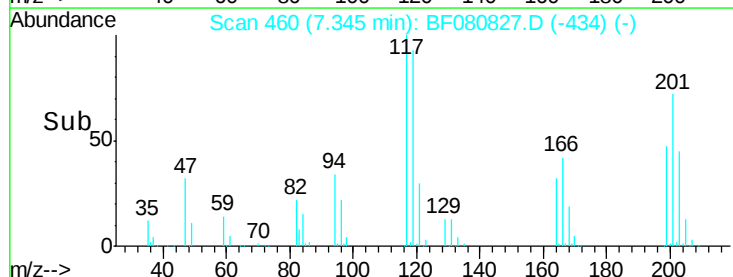
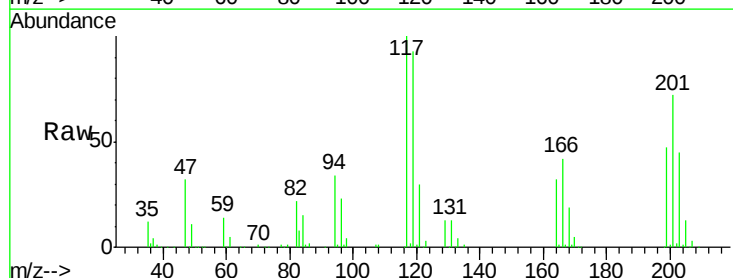
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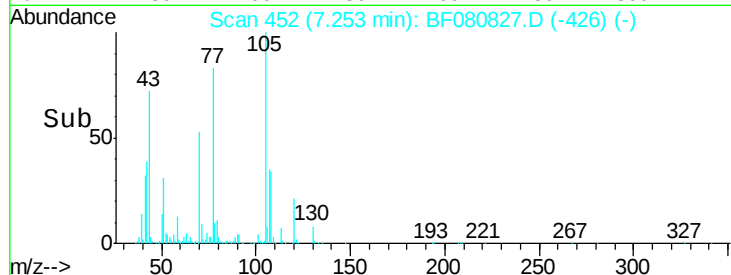
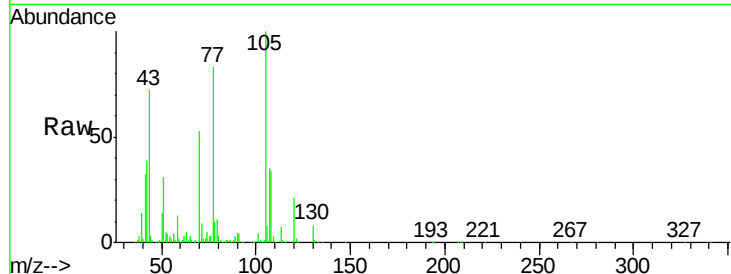
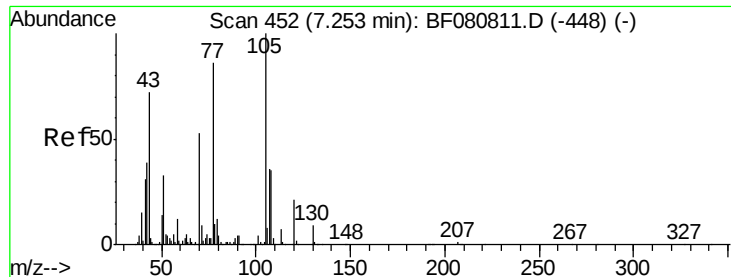
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#18
Hexachloroethane
Concen: 38.05 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:	117	Resp:	215158
Ion Ratio	Lower	Upper	
117	100		
119	92.5	76.3	114.5
201	72.1	55.5	83.3





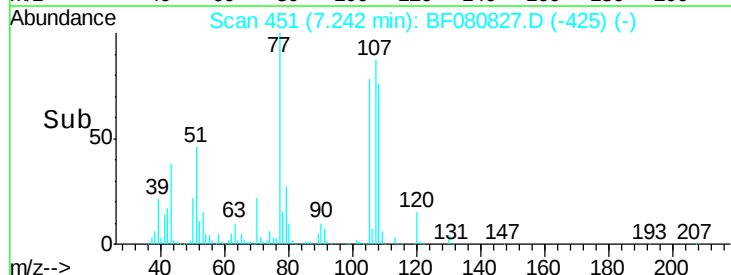
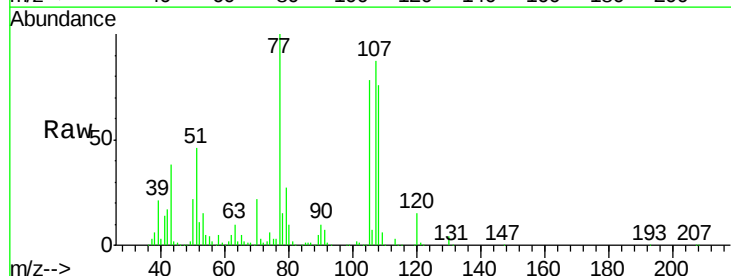
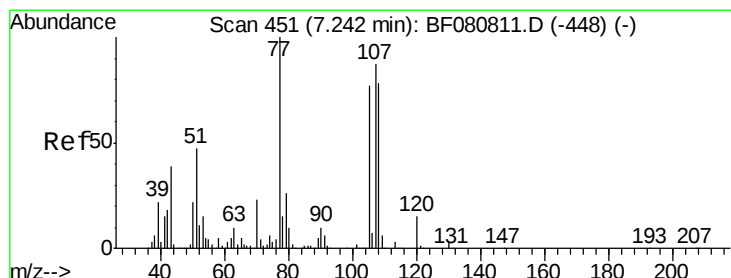
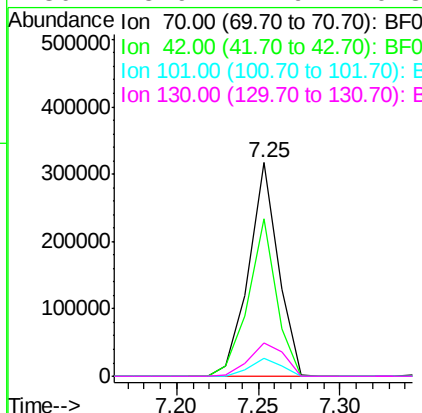
#19
n-Nitroso-di-n-propylamine
Concen: 36.89 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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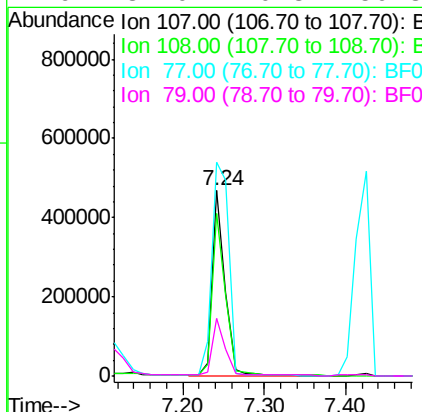
MMDadoda
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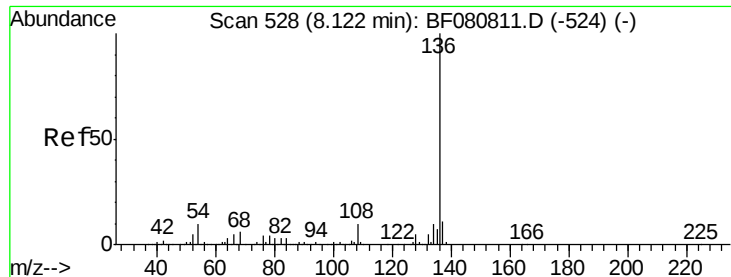
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	398587		
42	73.8	59.1	88.7	
101	8.3	6.6	10.0	
130	15.9	12.9	19.3	



#20
3+4-Methylphenols
Concen: 36.57 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	513689		
108	87.9	69.6	109.6	
77	115.2	94.9	134.9	
79	31.0	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

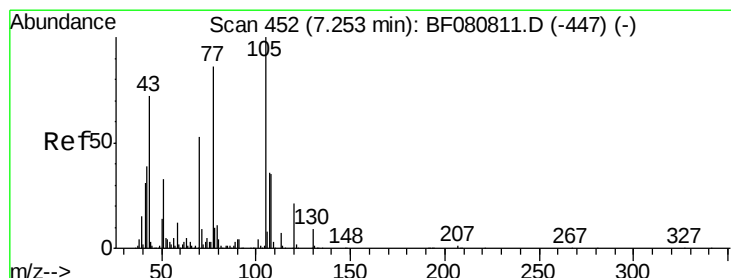
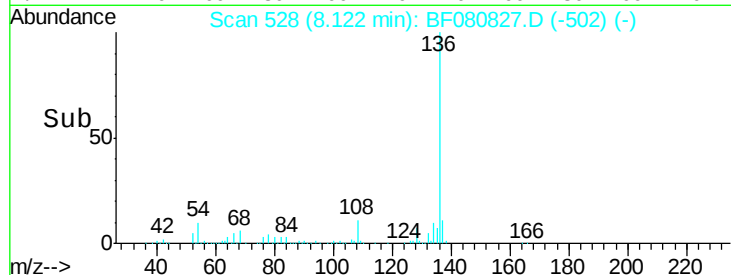
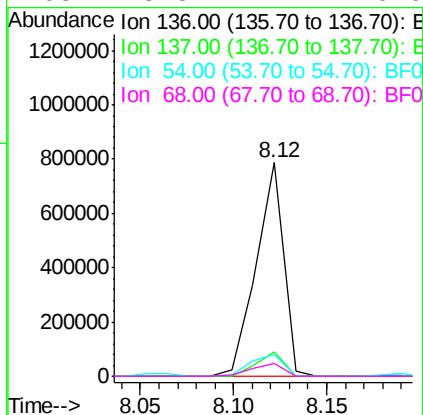
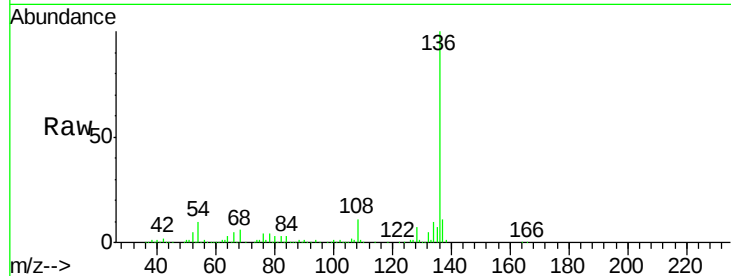
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.9	7.9	11.9
68	5.8	4.4	6.6

Manual Integrations
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#22

Acetophenone

Concen: 39.00 ng

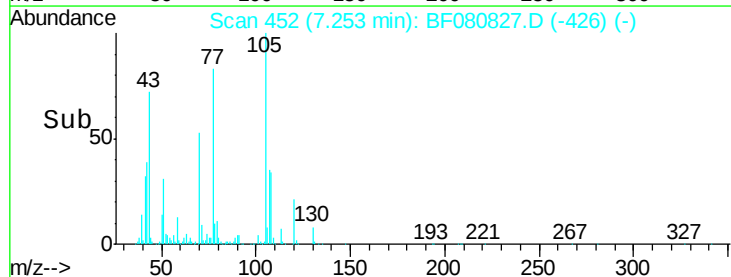
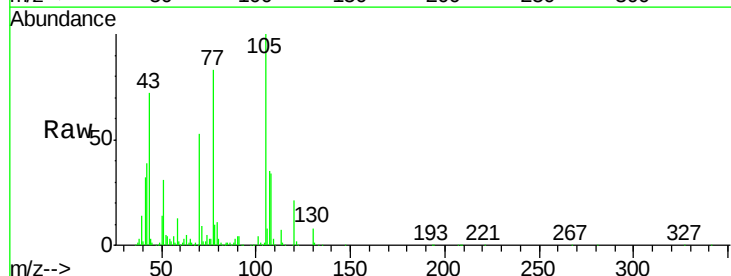
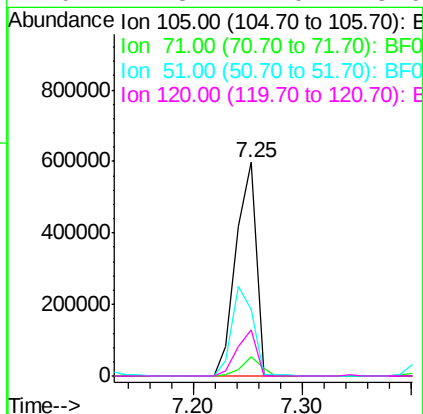
RT: 7.25 min Scan# 452

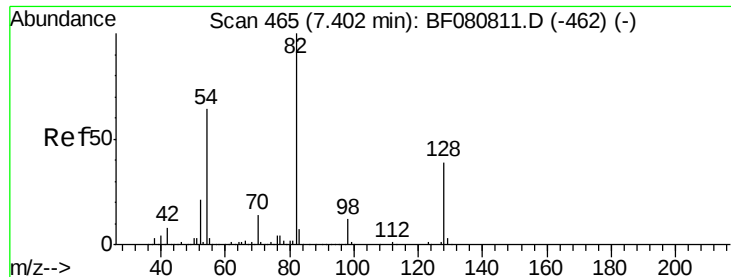
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.9	7.1	10.7
51	31.4	26.5	39.7
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 70.60 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1147527

Ion Ratio Lower Upper

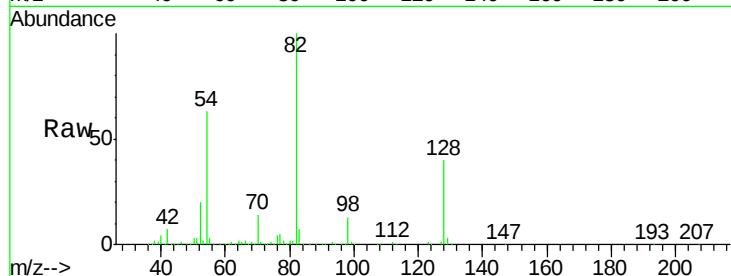
82 100

128 39.9 31.4 47.0

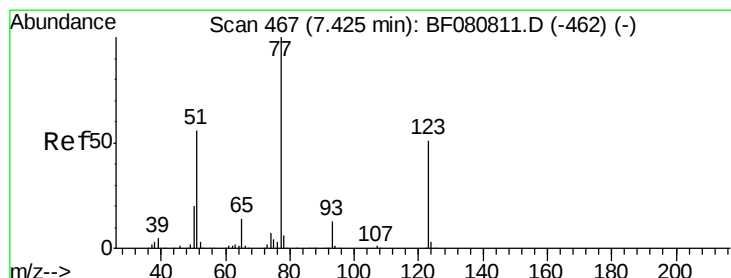
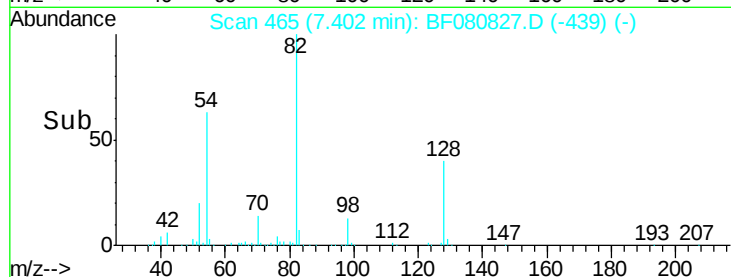
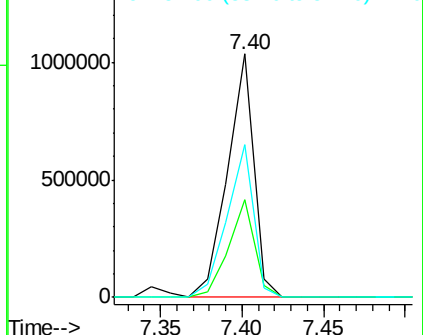
54 63.0 51.0 76.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.09 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

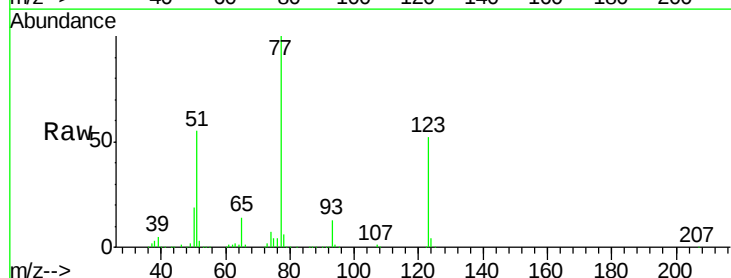
Tgt Ion: 77 Resp: 629035

Ion Ratio Lower Upper

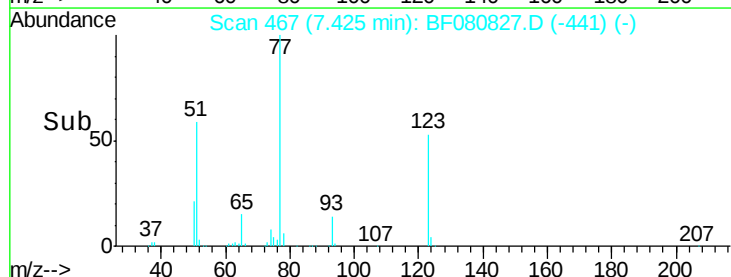
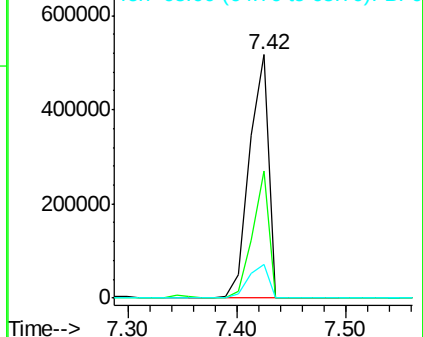
77 100

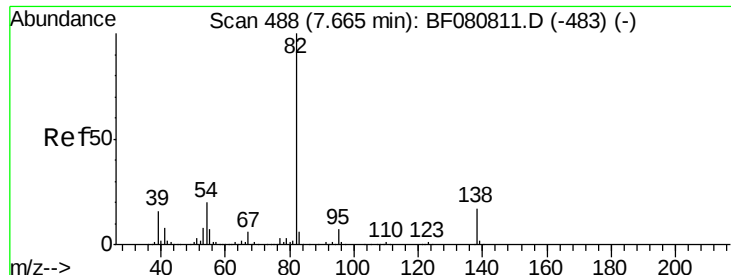
123 52.2 40.7 61.1

65 14.0 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.77 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1125883

Ion Ratio Lower Upper

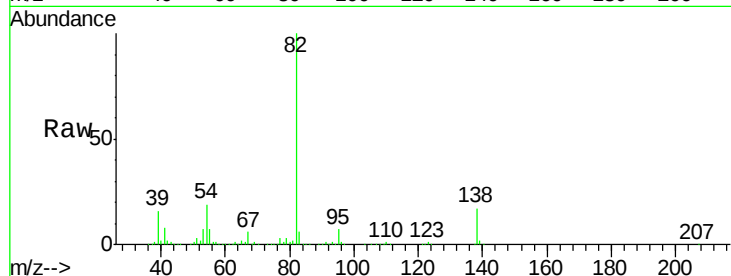
82 100

95 7.4 5.9 8.9

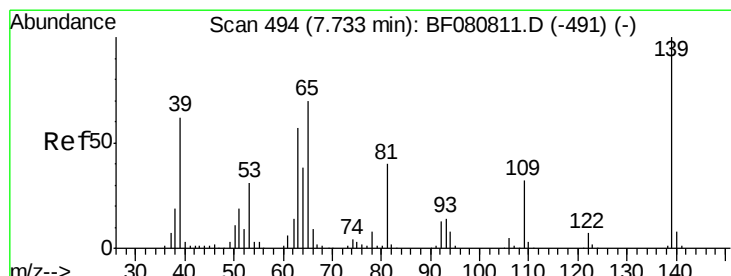
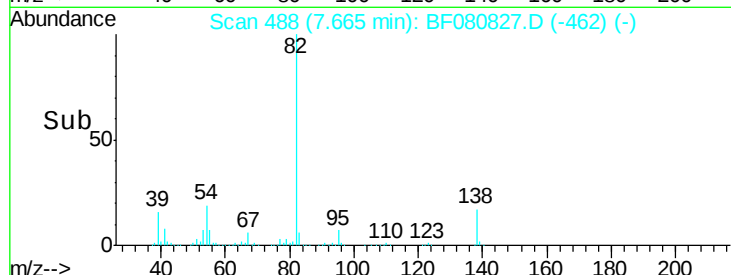
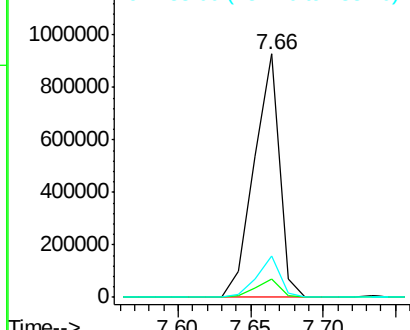
138 16.8 13.4 20.2

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 37.62 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

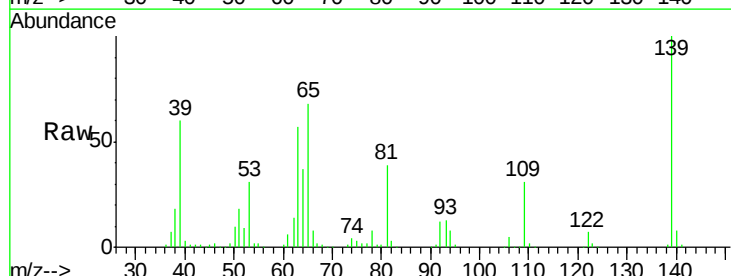
Tgt Ion: 139 Resp: 265564

Ion Ratio Lower Upper

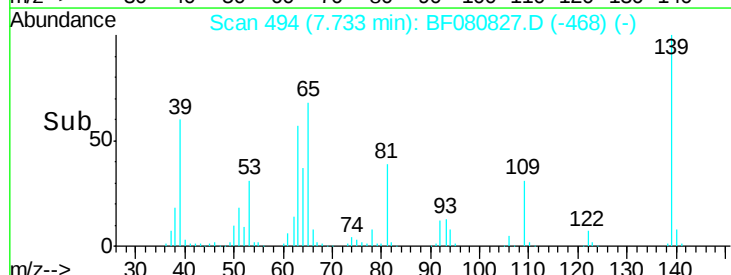
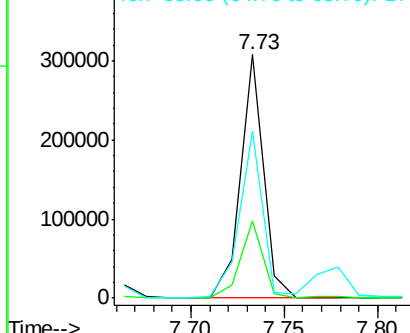
139 100

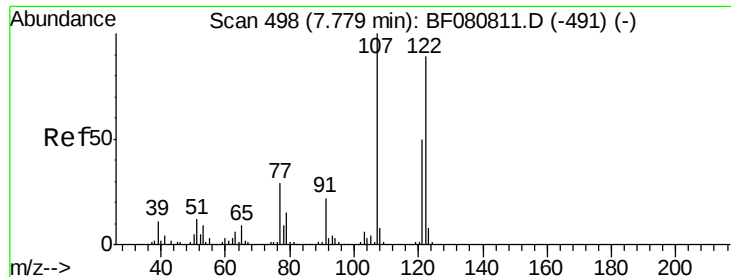
109 31.5 25.3 37.9

65 68.4 56.2 84.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.57 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

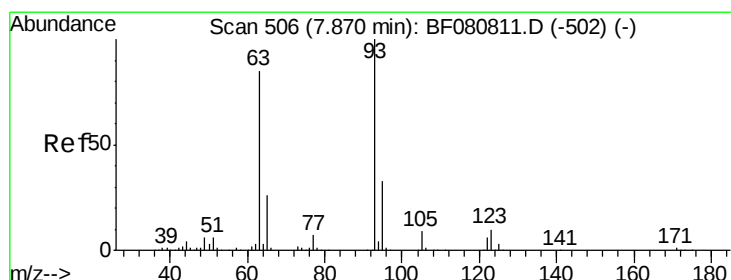
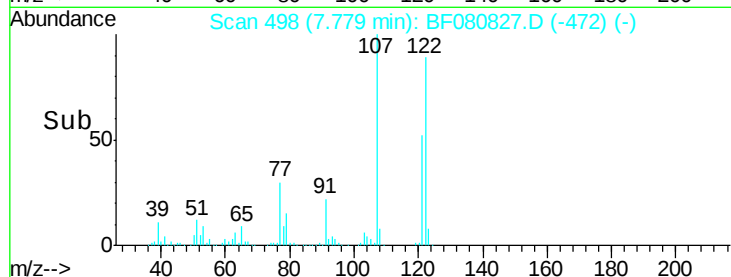
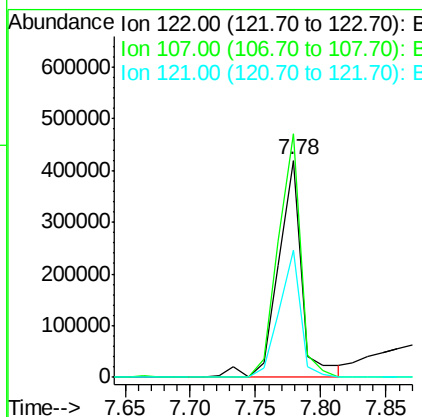
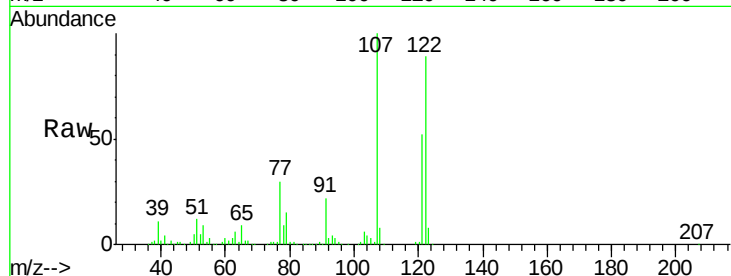
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	532194
Ion Ratio	Lower	Upper	
122	100		
107	112.1	90.2	135.4
121	58.5	45.4	68.2

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#28

bis(2-Chloroethoxy)methane

Concen: 34.45 ng

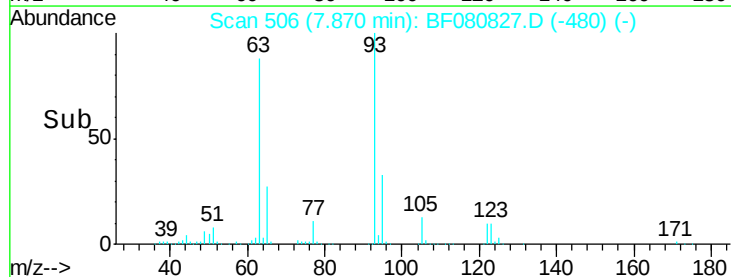
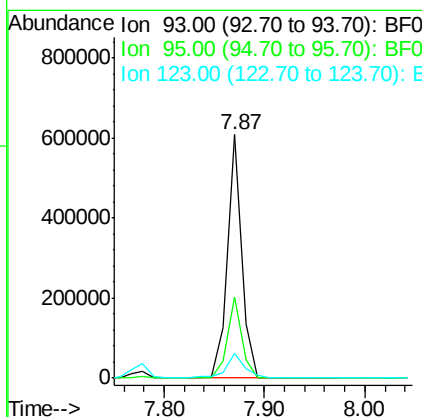
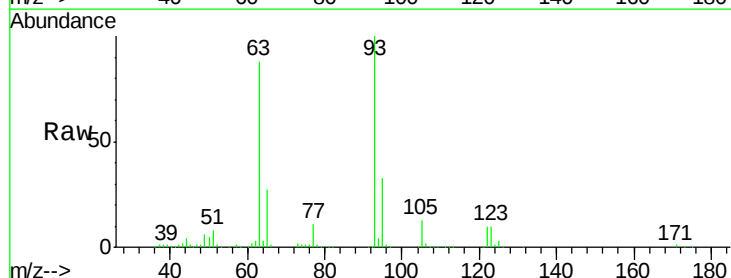
RT: 7.87 min Scan# 506

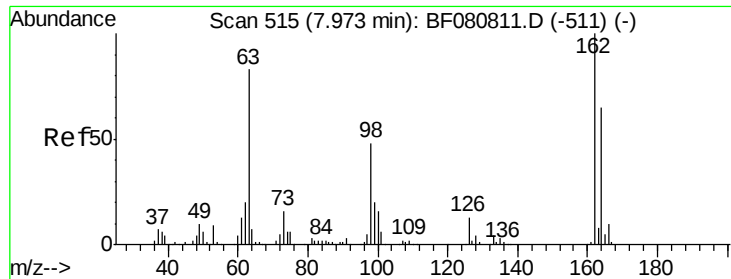
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:	93	Resp:	603822
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.1	39.1
123	9.9	8.0	12.0





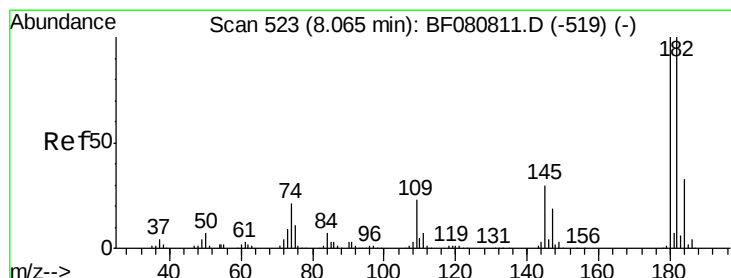
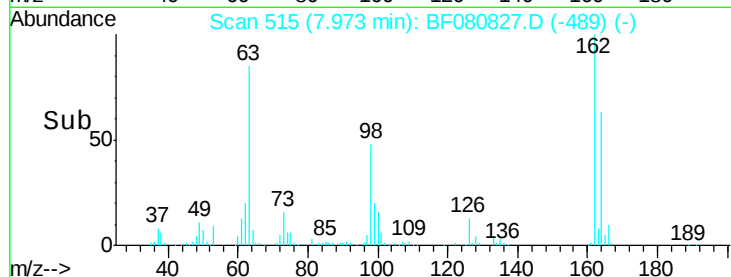
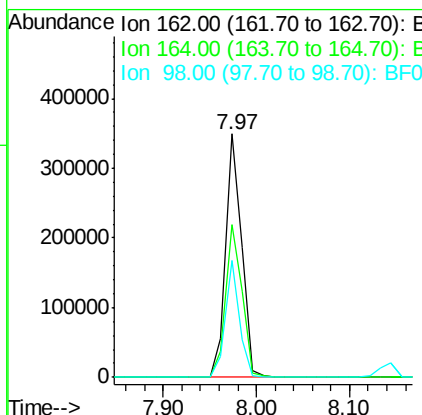
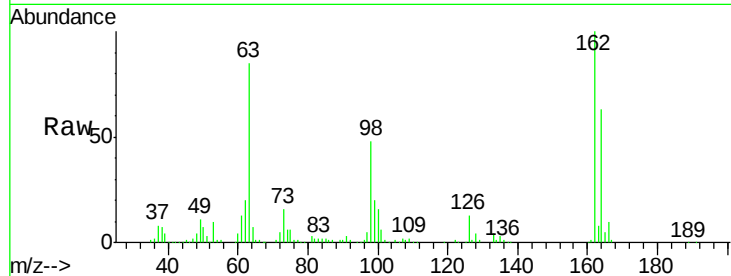
#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	417032		
164	62.6	45.3	85.3	
98	48.1	27.7	67.7	

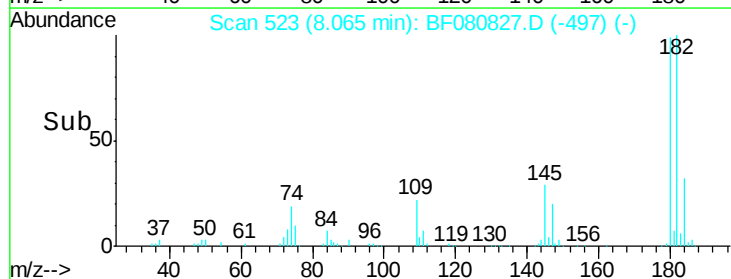
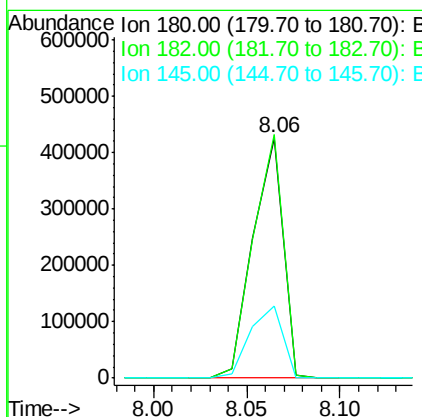
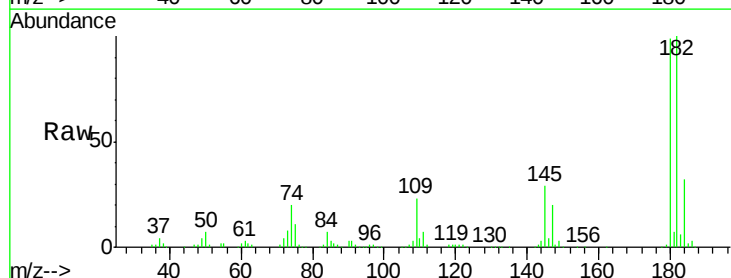
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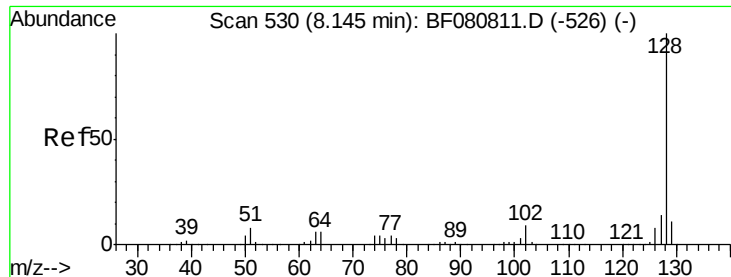
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	477485		
182	101.4	79.7	119.5	
145	29.8	23.8	35.8	





#31

Naphthalene

Concen: 38.69 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1519101

Ion Ratio Lower Upper

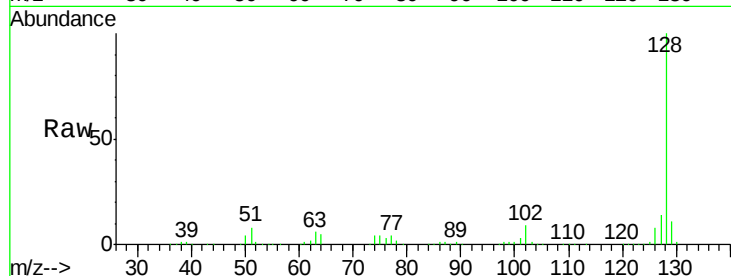
128 100

129 11.4 9.1 13.7

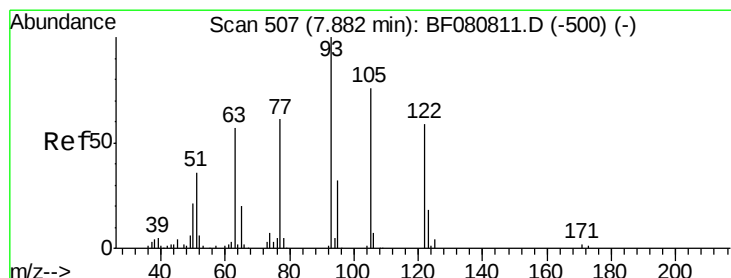
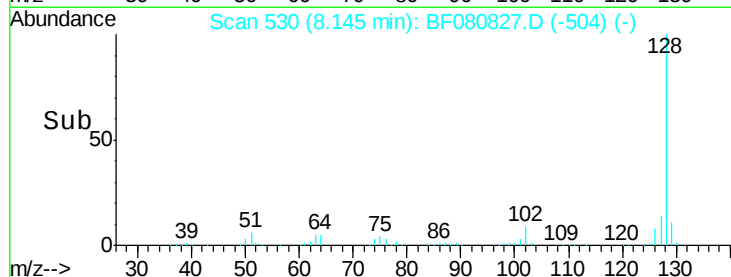
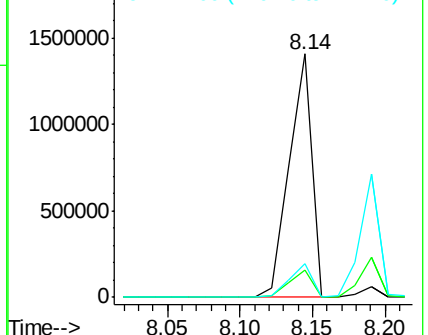
127 13.8 10.8 16.2

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



#32

Benzoic acid

Concen: 40.26 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

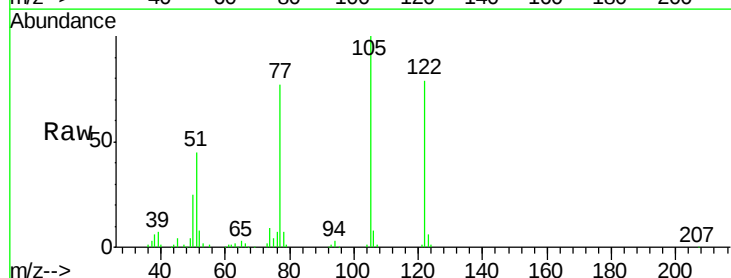
Tgt Ion:122 Resp: 327329

Ion Ratio Lower Upper

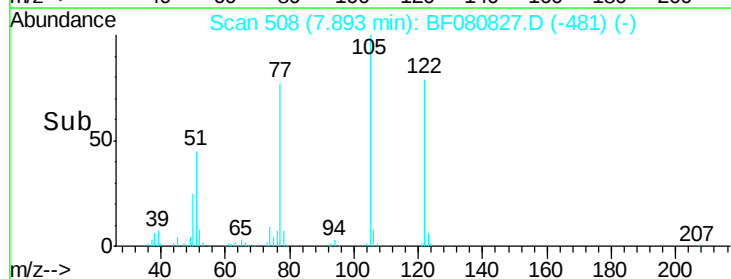
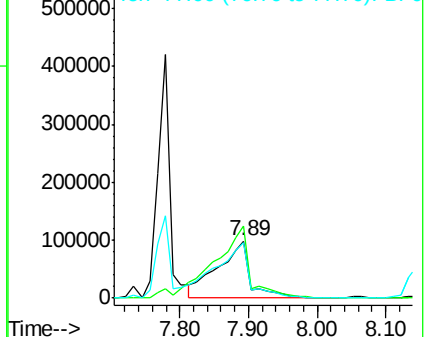
122 100

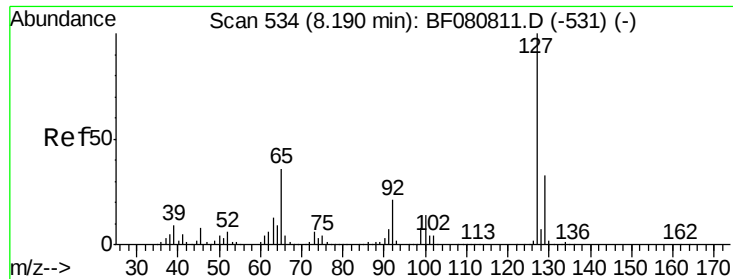
105 126.7 102.3 142.3

77 97.5 81.2 121.2



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





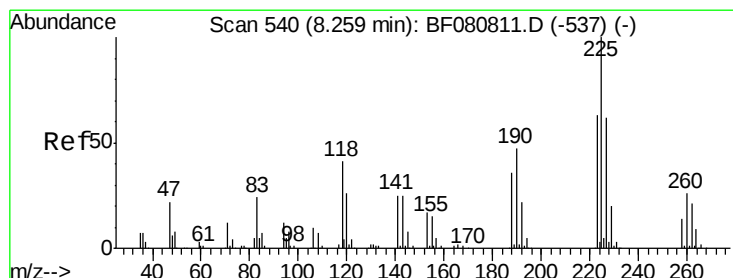
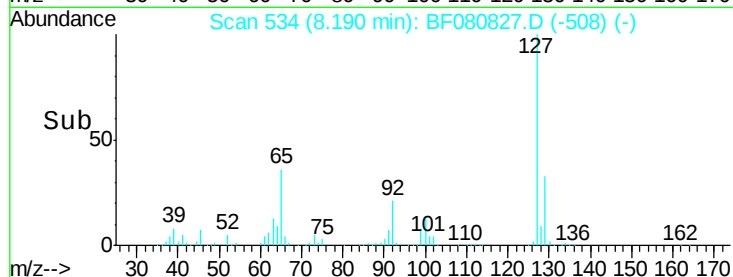
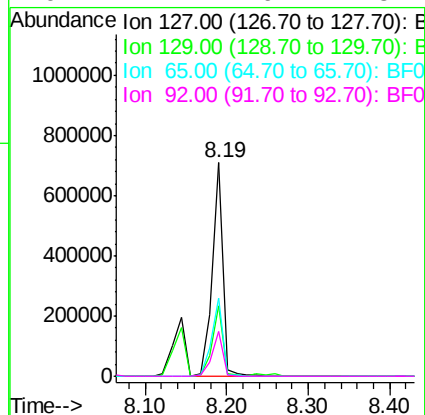
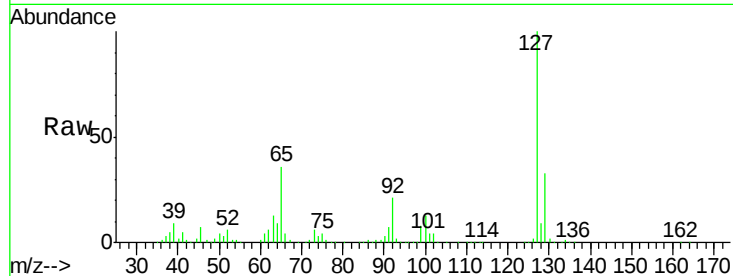
#33
4-Chloroaniline
Concen: 40.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	26.1	39.1
65	36.5	28.9	43.3
92	21.2	16.7	25.1

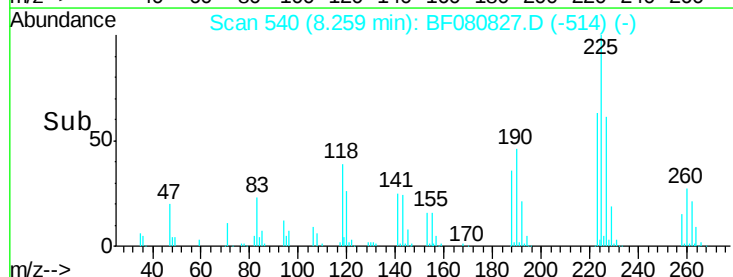
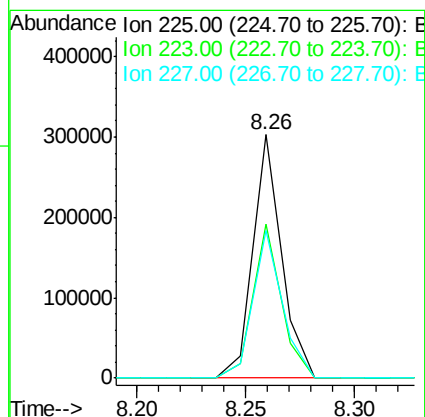
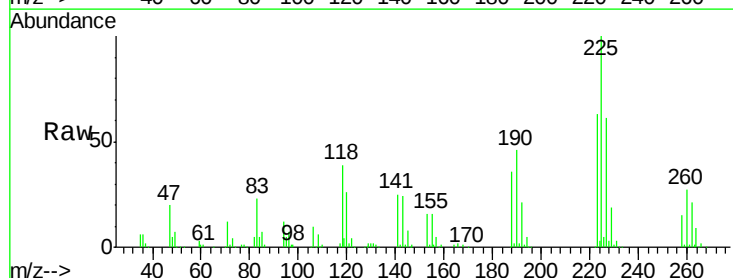
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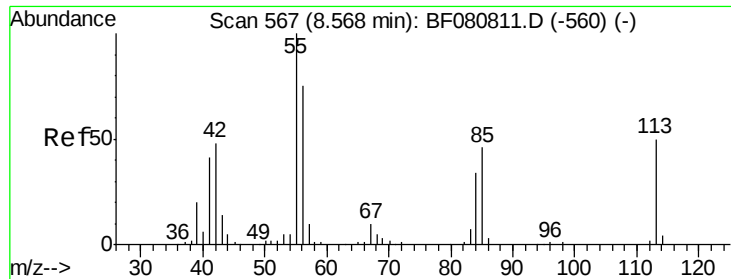
MMDadoda
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#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.4	50.2	75.2
227	60.9	49.7	74.5





#35

Caprolactam

Concen: 42.80 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 134232
Ion Ratio Lower Upper

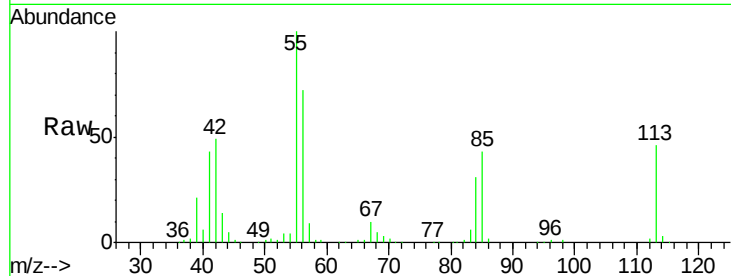
113 100

55 219.6 179.0 219.0#

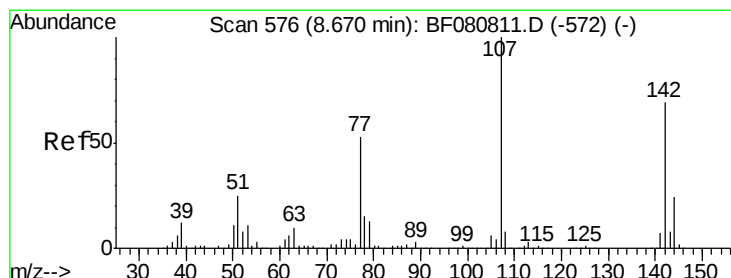
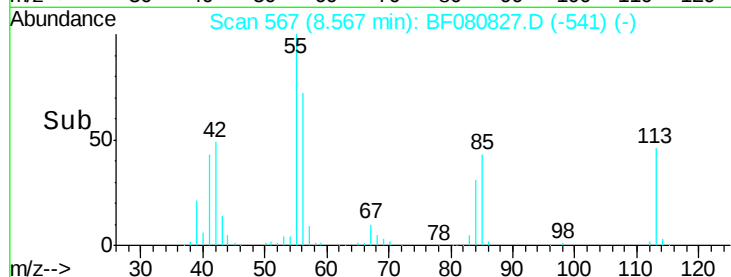
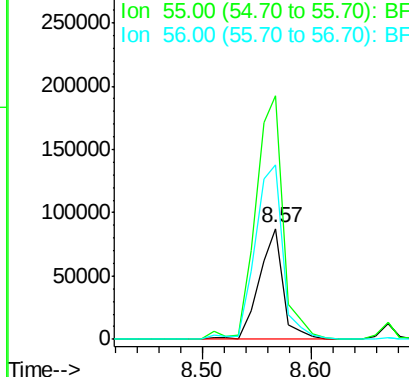
56 157.3 128.2 168.2

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.27 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080827.D

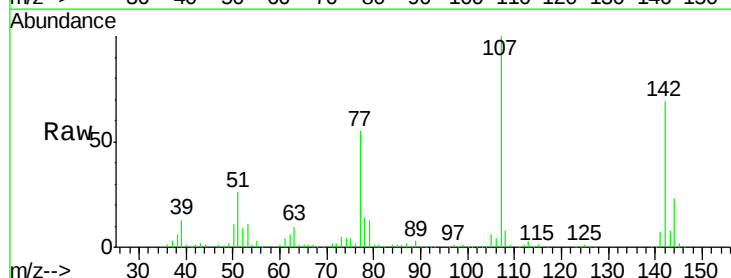
Acq: 4 Aug 2015 6:40

Tgt Ion:107 Resp: 475937
Ion Ratio Lower Upper

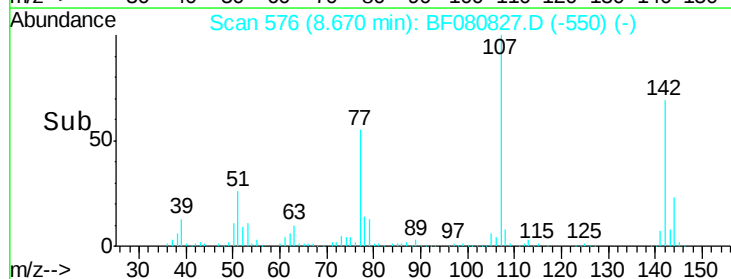
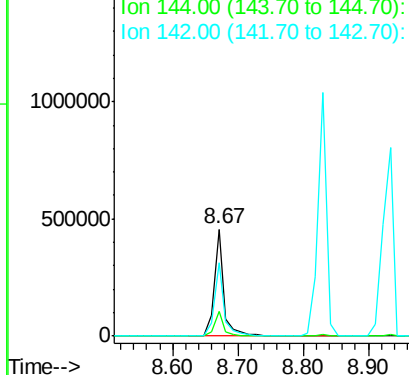
107 100

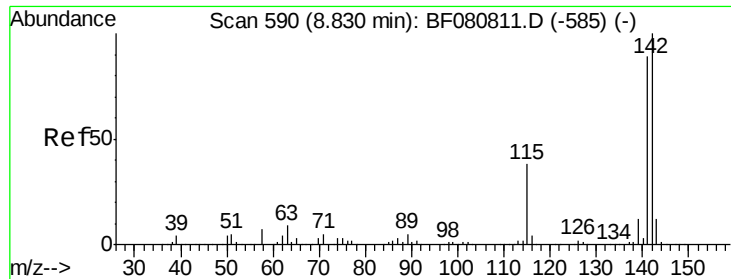
144 23.0 19.0 28.4

142 69.1 54.9 82.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





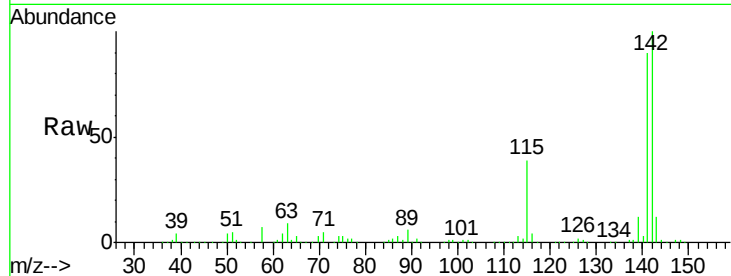
#37
 2-Methylnaphthalene
 Concen: 37.87 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

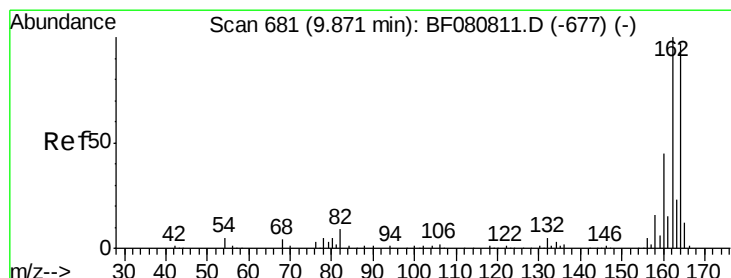
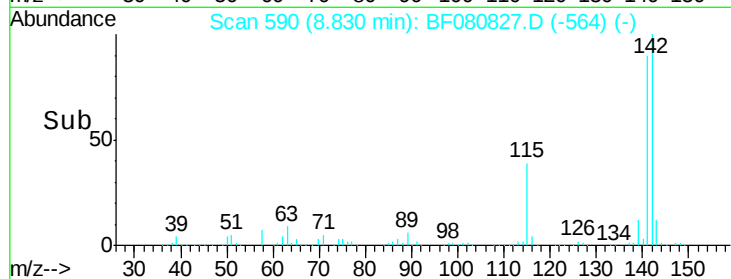
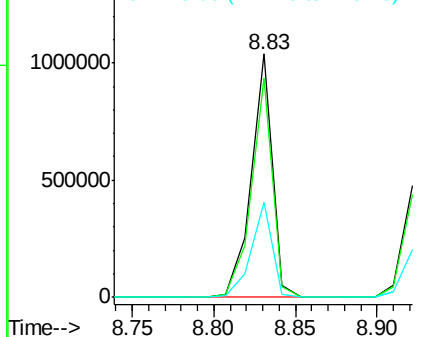
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	932167		
141	90.2	71.3	106.9	
115	39.0	30.6	45.8	

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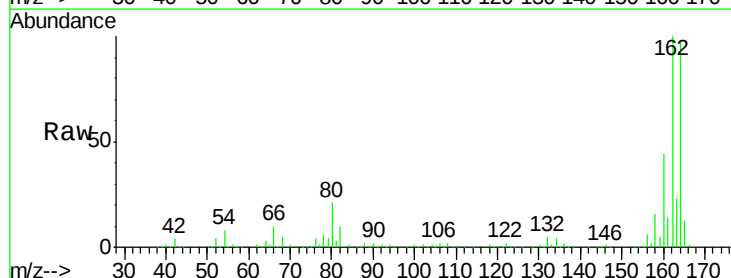


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

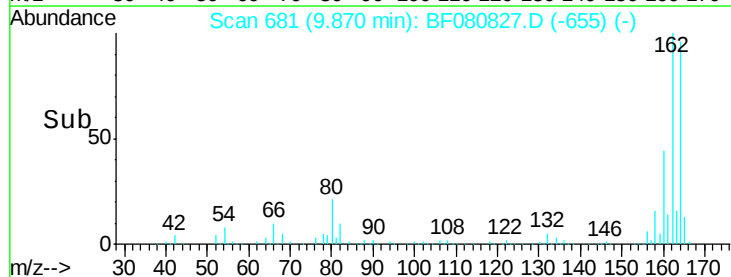
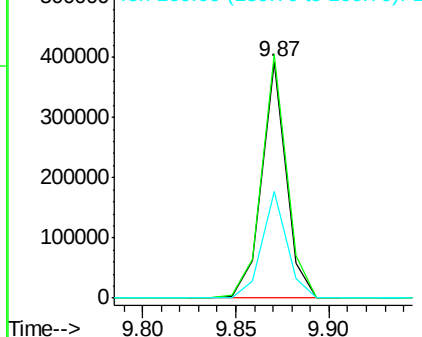


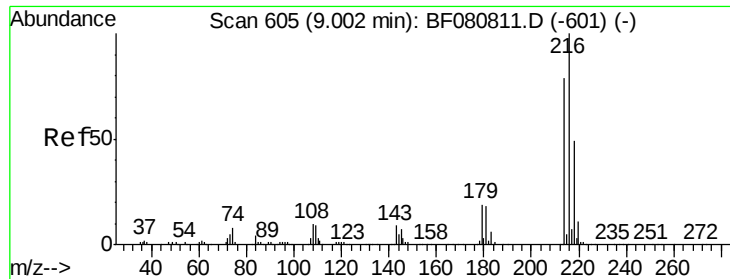
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353883		
162	103.1	82.3	123.5	
160	45.1	37.3	55.9	



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: 38.76 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080827.D

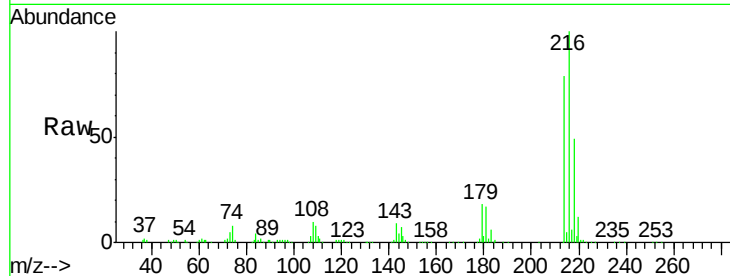
Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

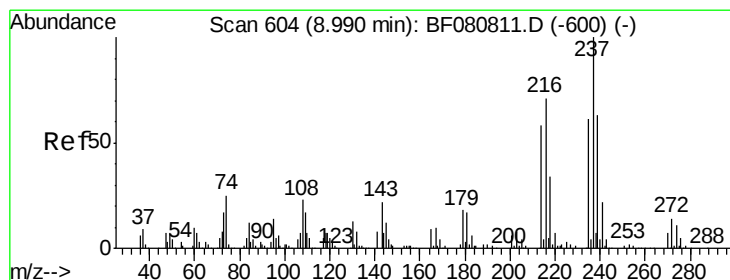
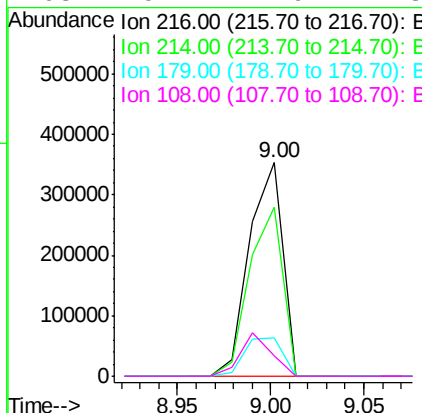
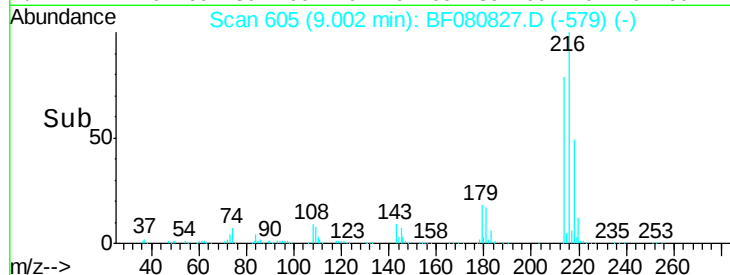
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.0	96.0
179	20.8	16.9	25.3
108	19.1	14.9	22.3

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#40

Hexachlorocyclopentadiene

Concen: 39.36 ng

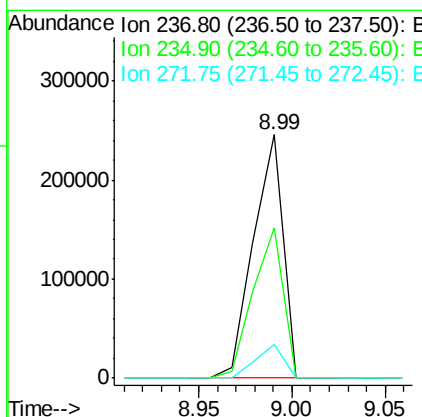
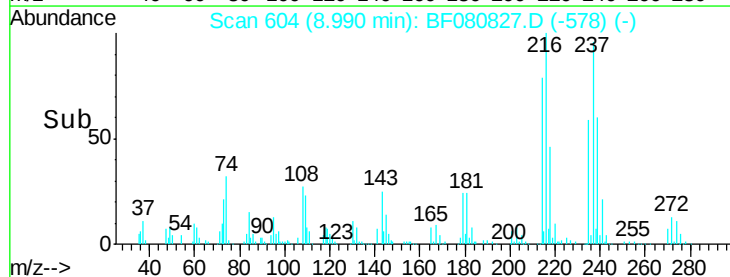
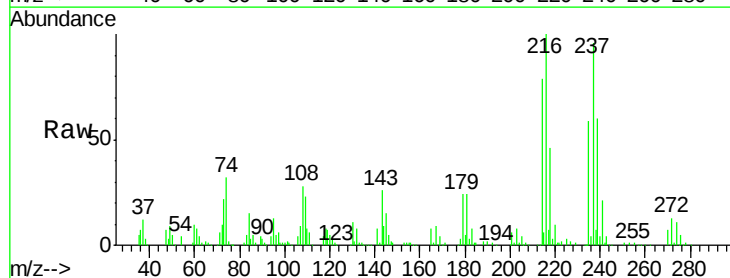
RT: 8.99 min Scan# 604

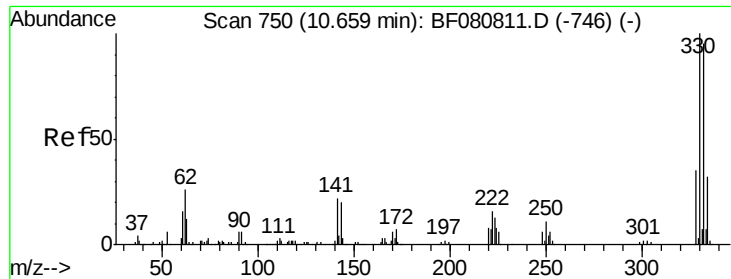
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.5	81.5
272	13.6	0.0	33.7





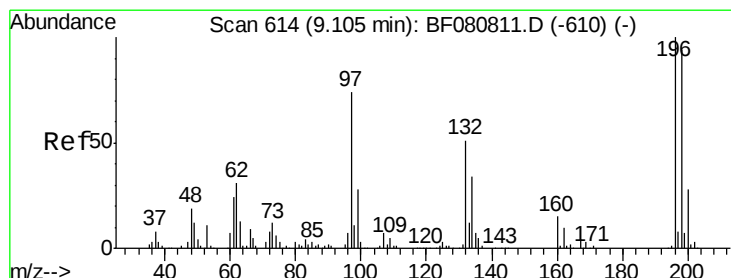
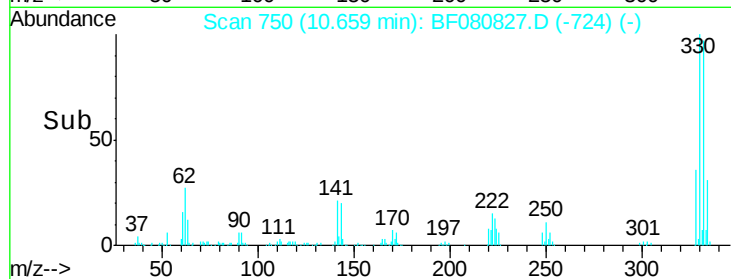
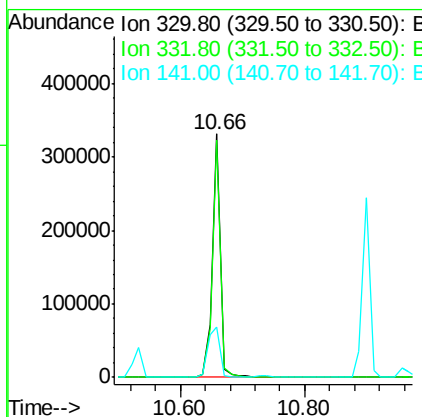
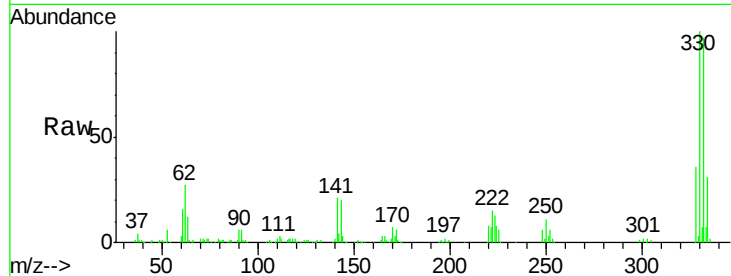
#41
 2,4,6-Tribromophenol
 Concen: 87.85 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	299051		
332	96.3	76.2	114.4	
141	31.0	25.4	38.0	

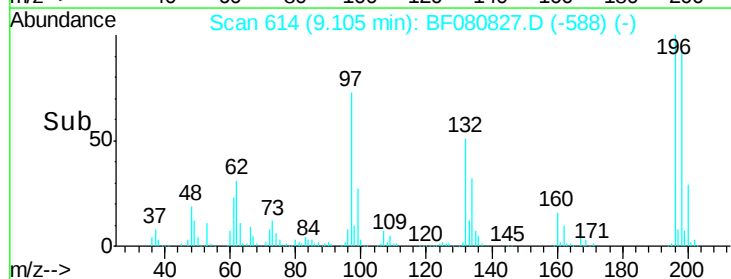
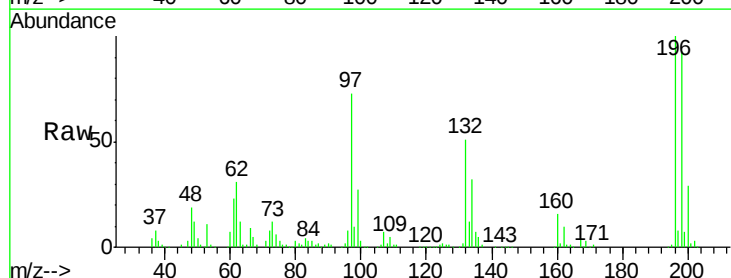
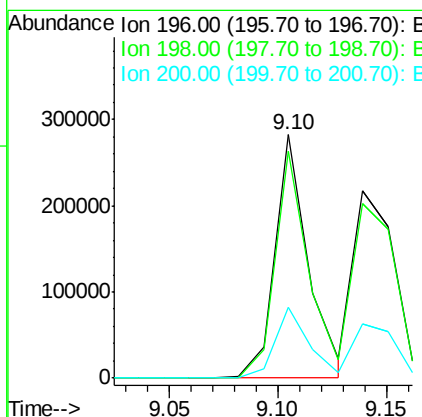
Manual Integrations
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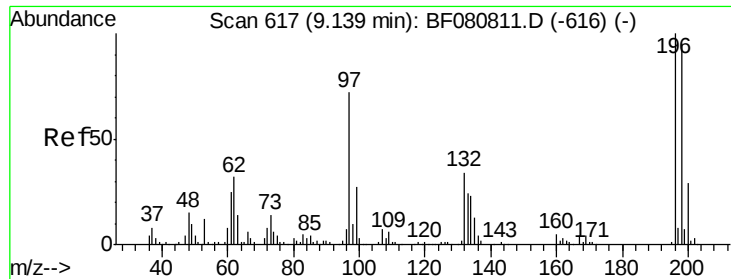
MMDadoda
 8/5/2015 2:28:59 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.88 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302371		
198	93.4	75.3	112.9	
200	29.3	22.7	34.1	





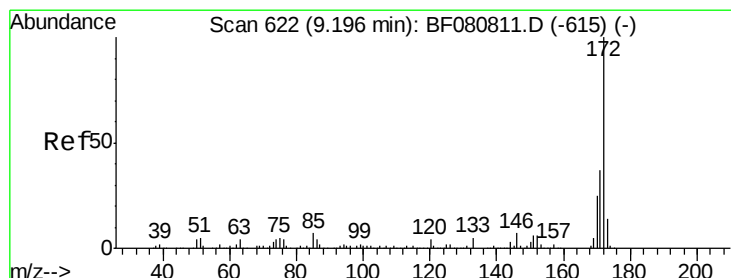
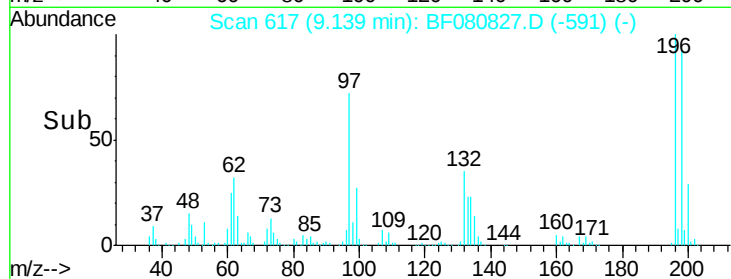
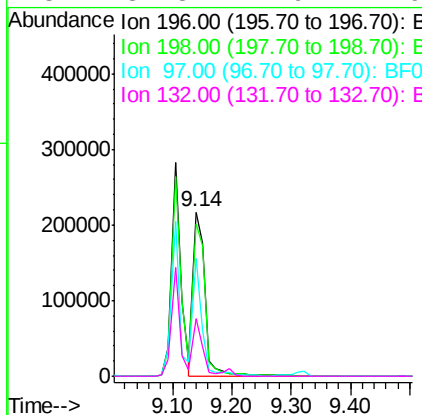
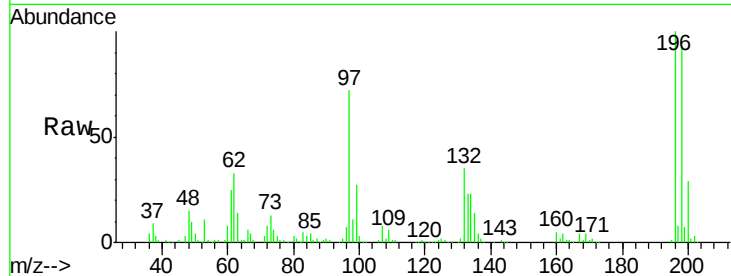
#43
2,4,5-Trichlorophenol
Concen: 39.37 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308198		
198	93.0	76.3	114.5	
97	72.2	58.8	88.2	
132	34.8	27.9	41.9	

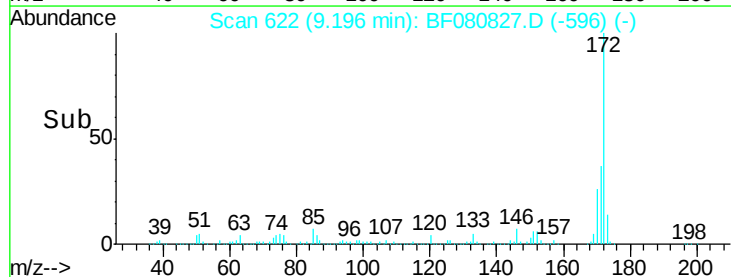
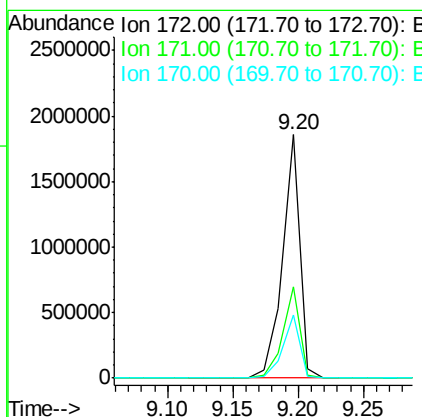
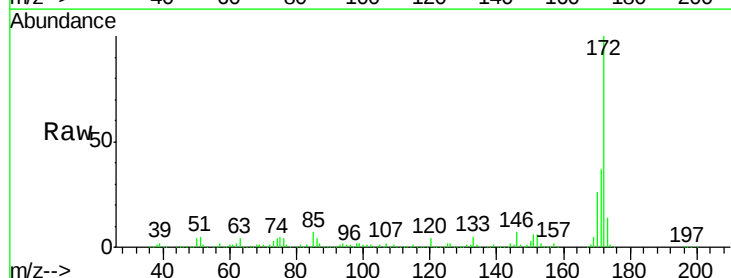
Manual Integrations
APPROVED

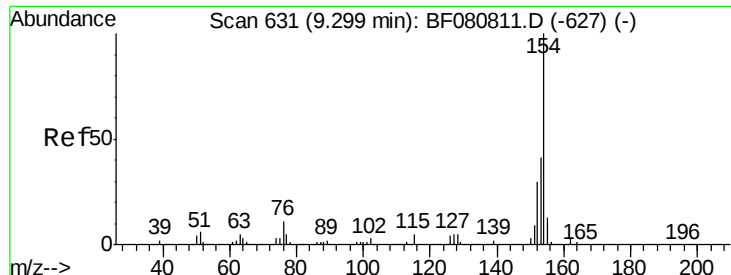
MMDadoda
8/5/2015 2:28:59 PM



#44
2-Fluorobiphenyl
Concen: 73.53 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1729575		
171	37.2	30.0	45.0	
170	25.7	20.2	30.4	





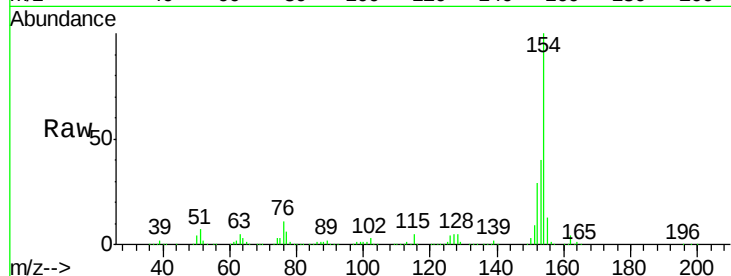
#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.1	61.1
76	10.8	0.0	30.5

Manual Integrations
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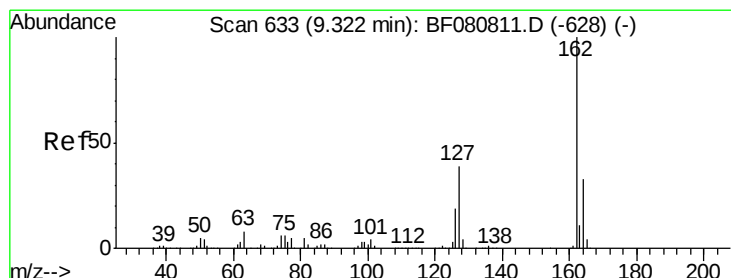
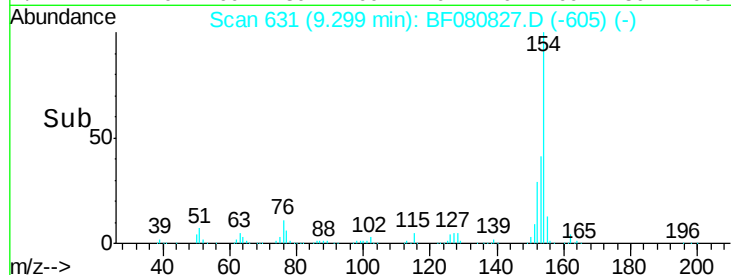
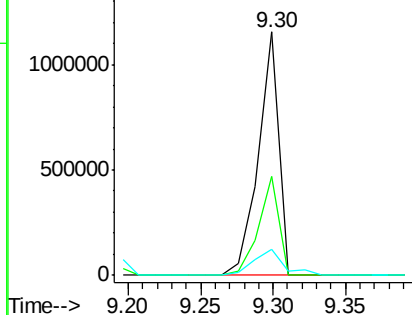


Abundance

Ion 154.00 (153.70 to 154.70): E

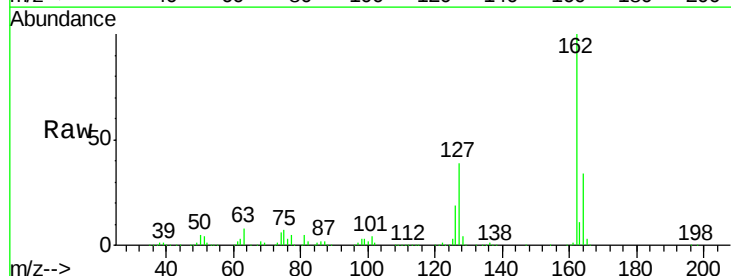
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 40.43 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	33.6	26.8	40.2

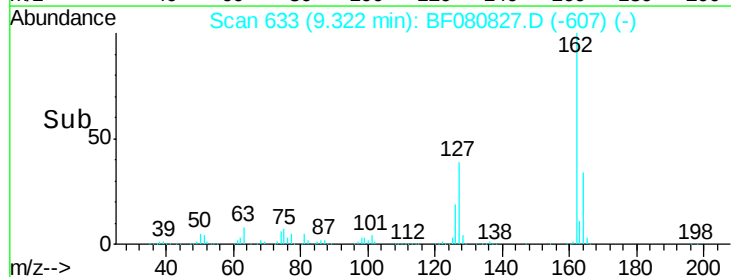
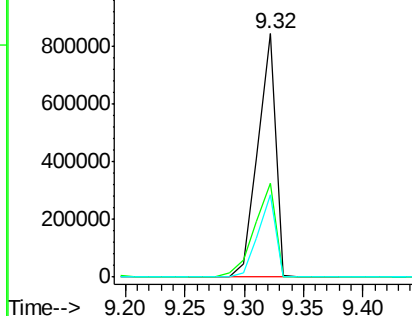


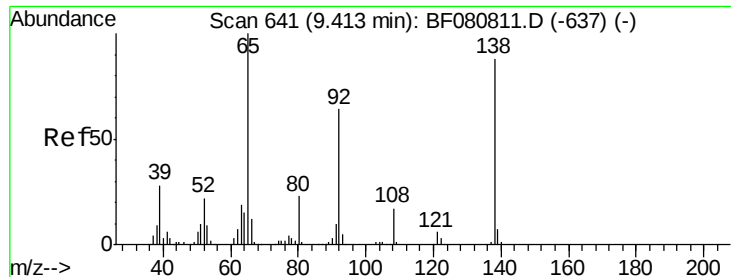
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





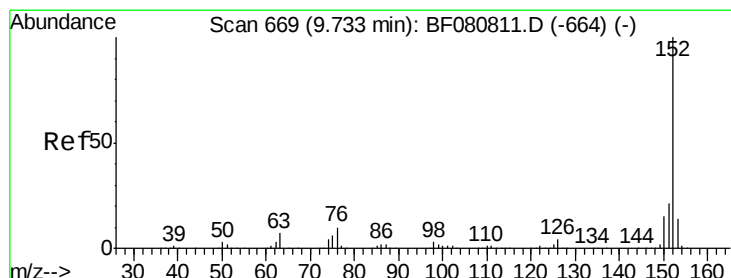
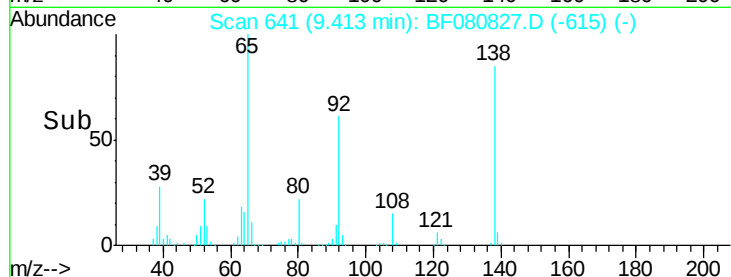
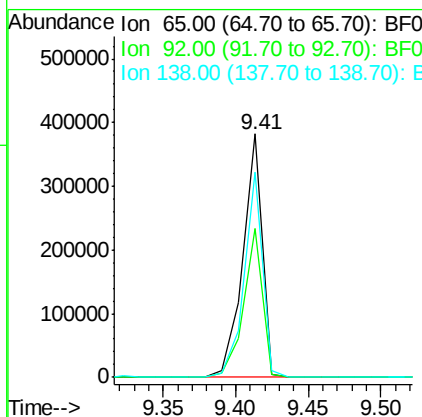
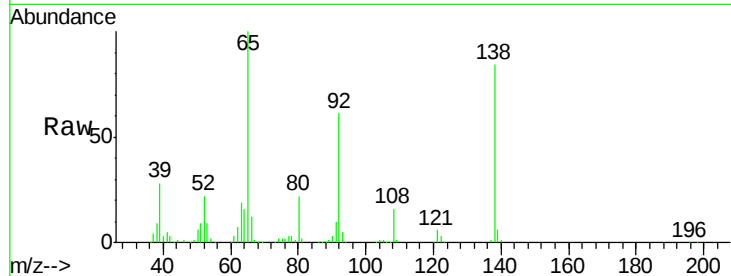
#47
2-Nitroaniline
Concen: 43.26 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	50.9	76.3
138	84.4	70.6	105.8

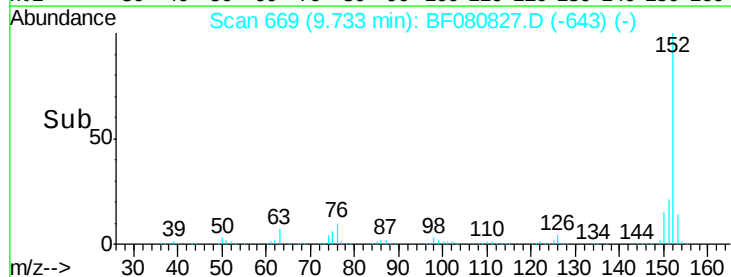
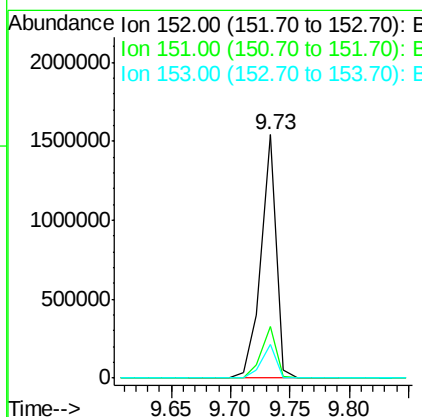
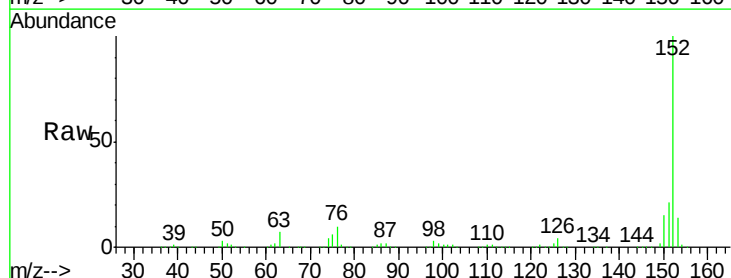
Manual Integrations
APPROVED

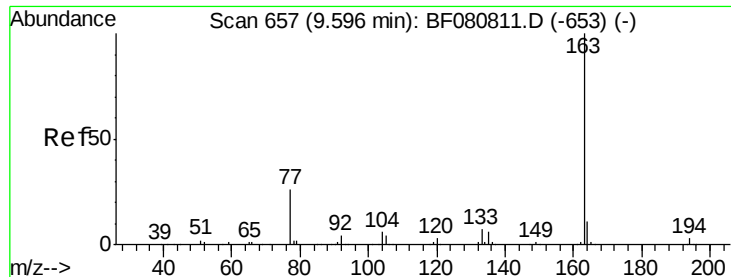
MMDadoda
8/5/2015 2:28:59 PM



#48
Acenaphthylene
Concen: 40.20 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	13.7	11.0	16.4





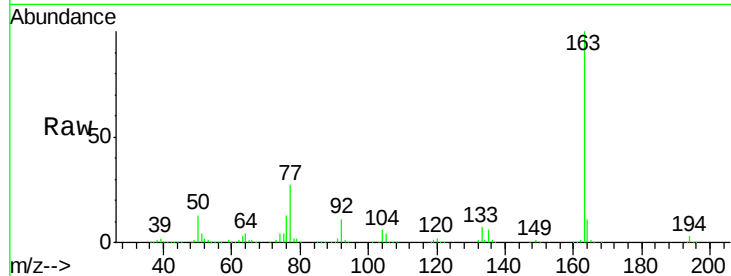
#49
Dimethylphthalate
Concen: 36.76 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

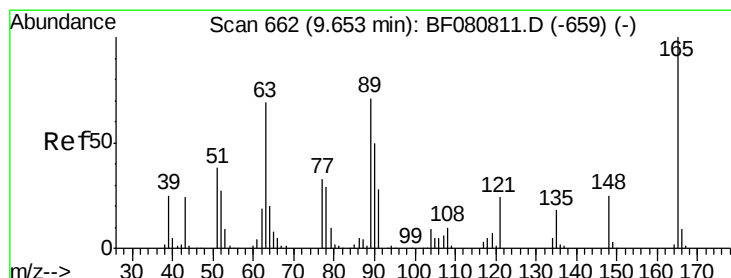
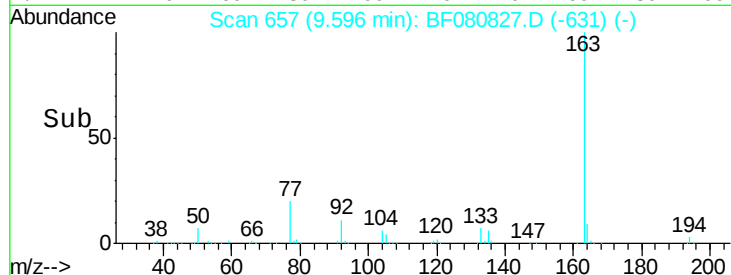
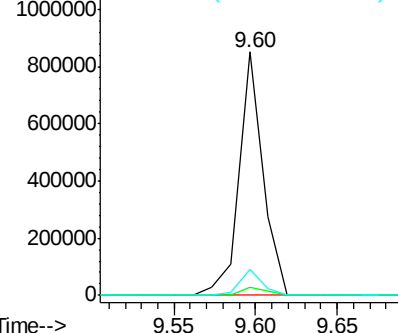
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	10.6	8.5	12.7

Manual Integrations
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8/5/2015 2:28:59 PM

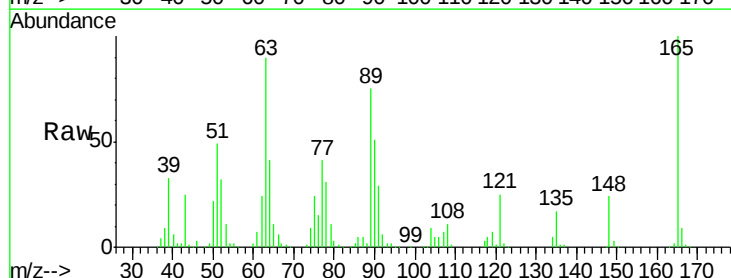


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

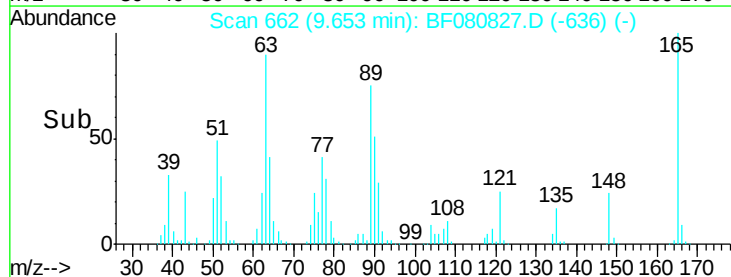
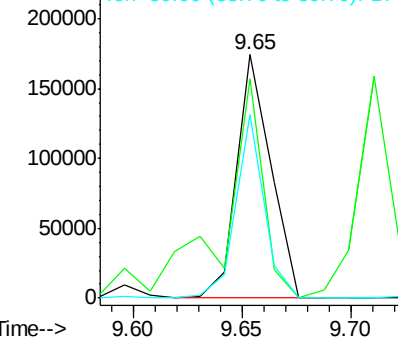


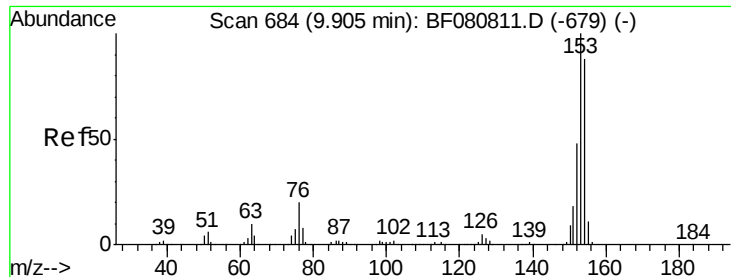
#50
2,6-Dinitrotoluene
Concen: 37.16 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	90.2	68.2	102.4
89	75.3	56.9	85.3



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





#51

Acenaphthene

Concen: 39.17 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

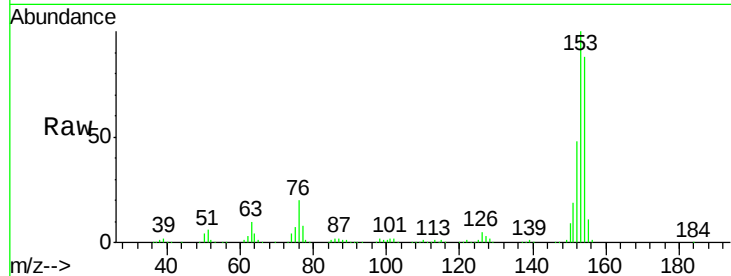
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	820202
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.4	137.2
152	54.4	44.1	66.1

Manual Integrations
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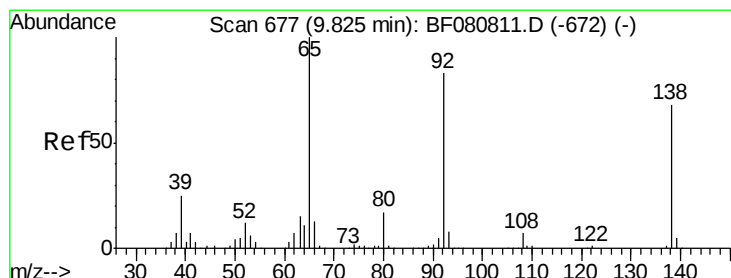
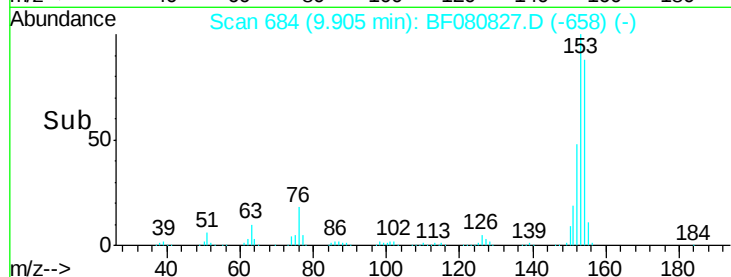
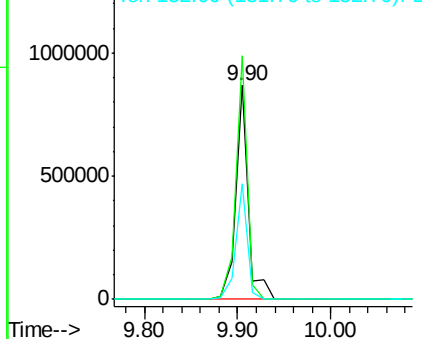
MMDadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.12 ng

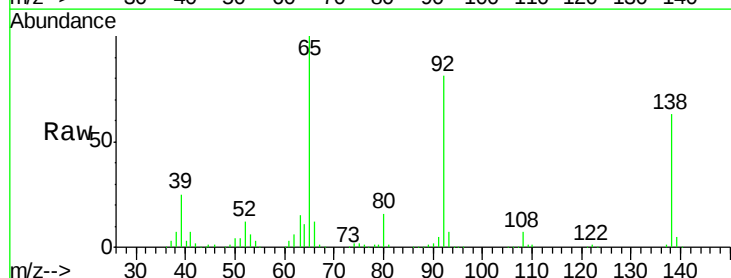
RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

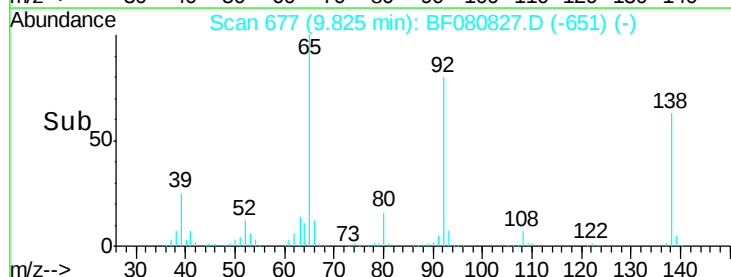
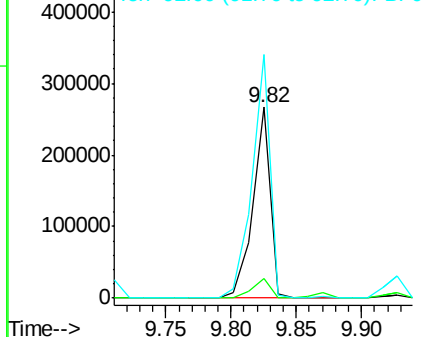
Tgt Ion:	138	Resp:	246330
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.6	13.0
92	127.7	97.4	146.2

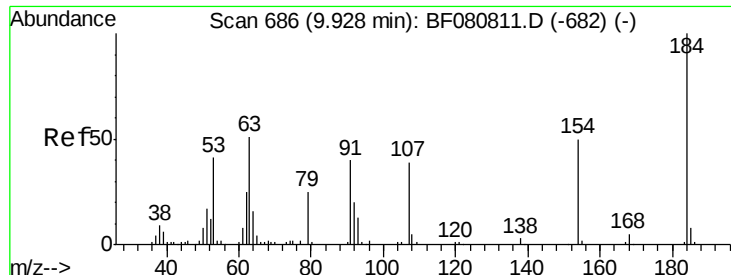


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





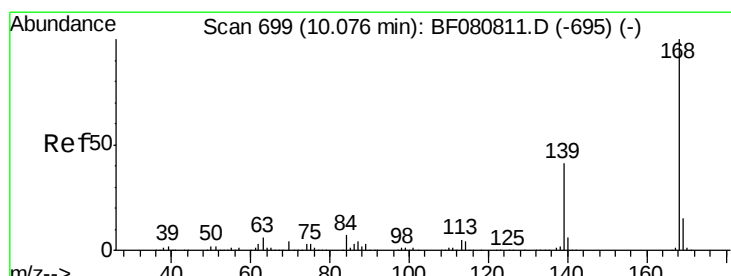
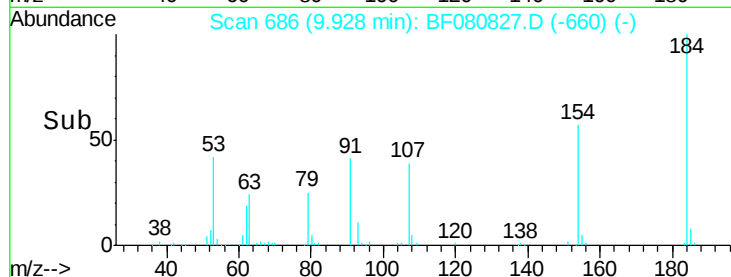
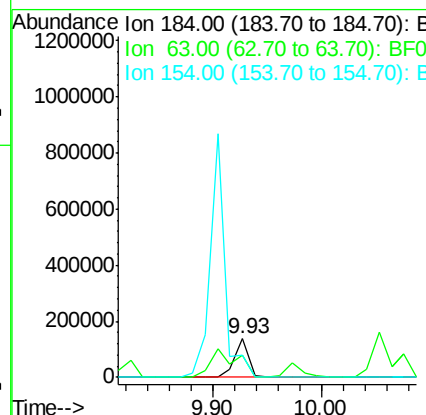
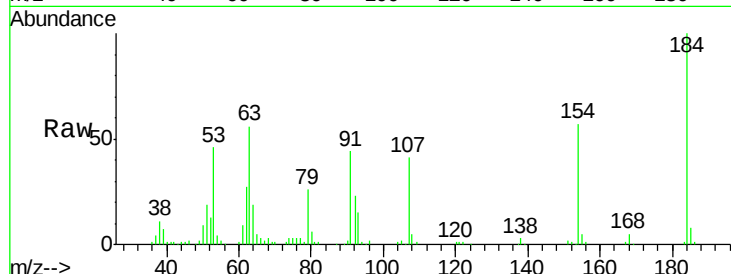
#53
 2,4-Dinitrophenol
 Concen: 43.25 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	120528		
63	56.4	42.2	63.2	
154	56.9	47.4	71.0	

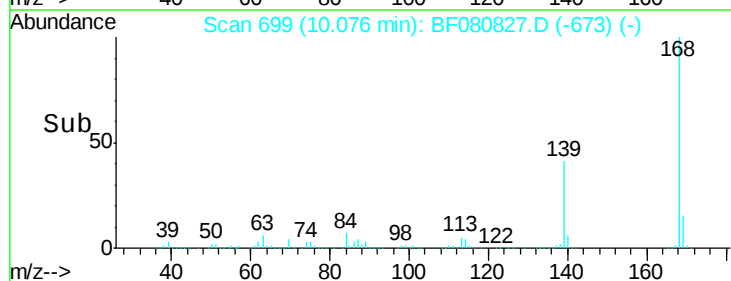
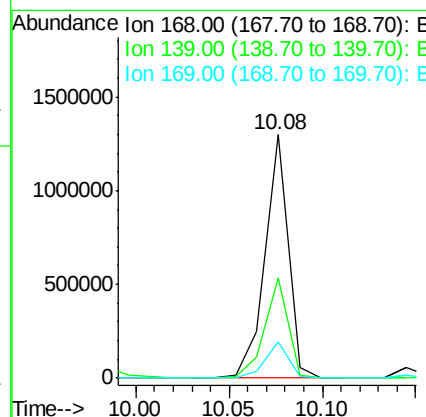
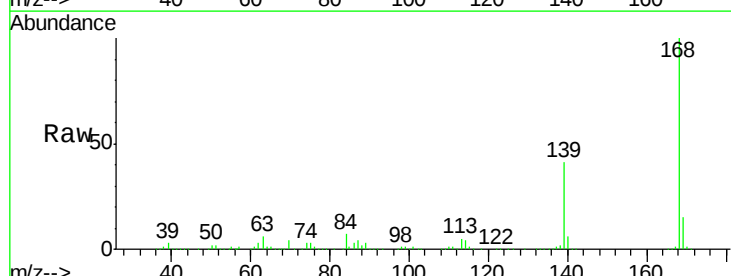
Manual Integrations
 APPROVED

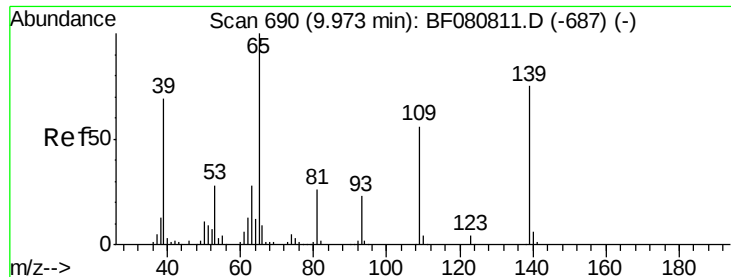
MMDadoda
 8/5/2015 2:28:59 PM



#54
 Dibenzofuran
 Concen: 40.32 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1113179		
139	41.2	32.8	49.2	
169	14.9	11.6	17.4	





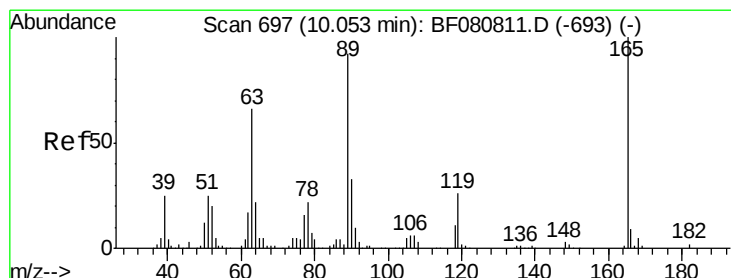
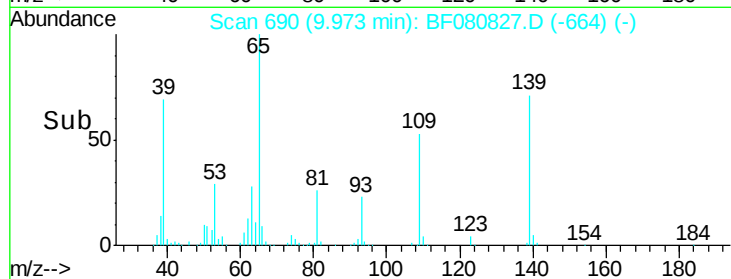
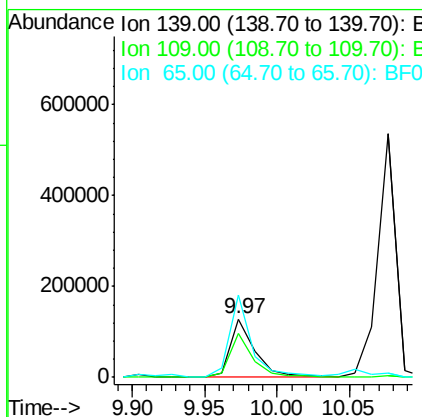
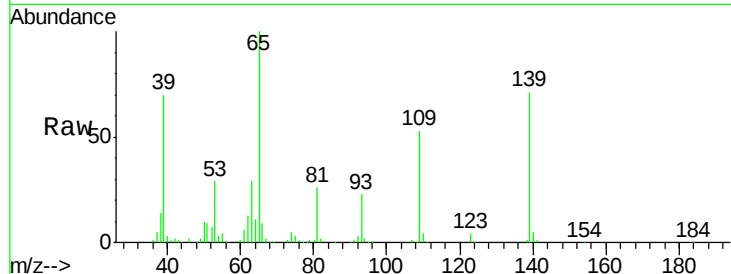
#55
4-Nitrophenol
Concen: 36.93 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	155229		
109	74.7	55.1	95.1	
65	140.4	113.9	153.9	

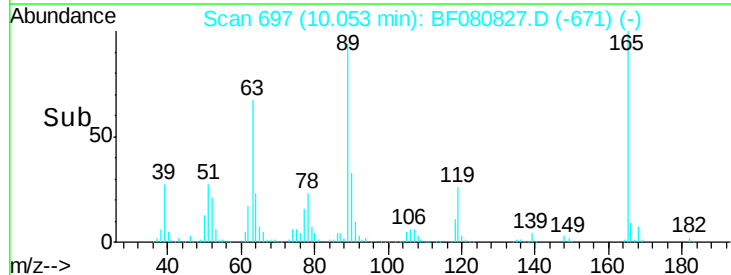
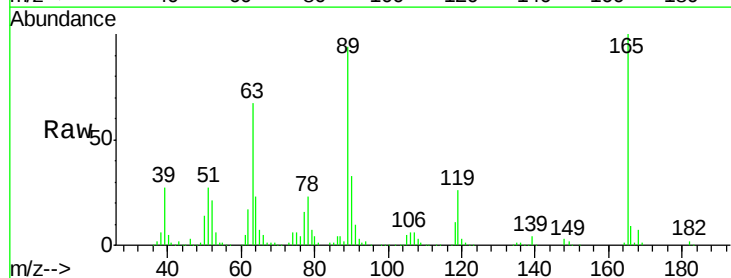
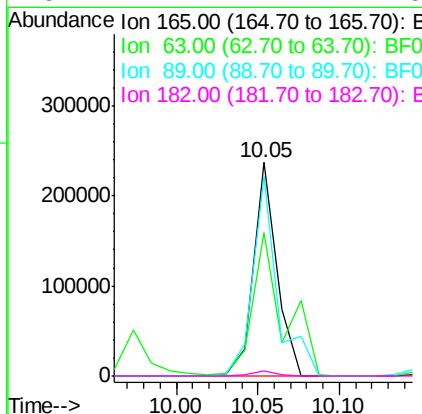
Manual Integrations
APPROVED

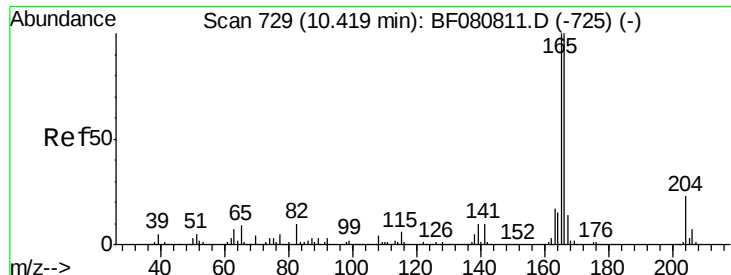
MMDadoda
8/5/2015 2:28:59 PM



#56
2,4-Dinitrotoluene
Concen: 36.59 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	235700		
63	67.4	53.3	79.9	
89	93.5	73.5	110.3	
182	2.2	1.7	2.5	





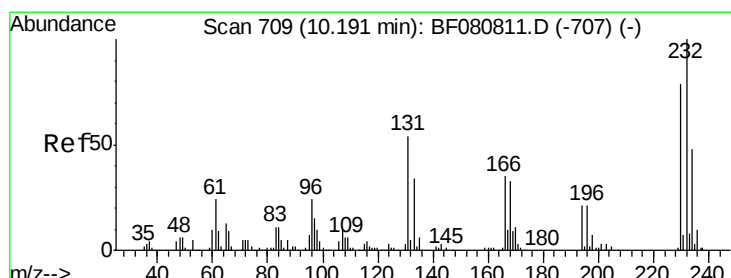
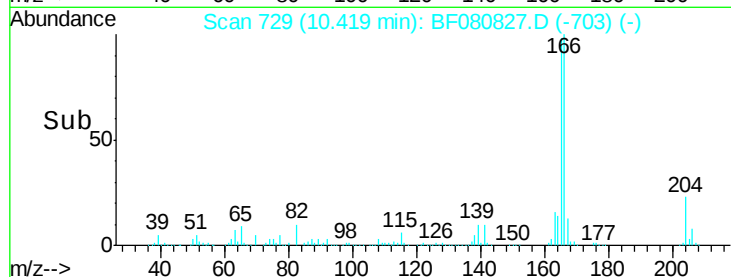
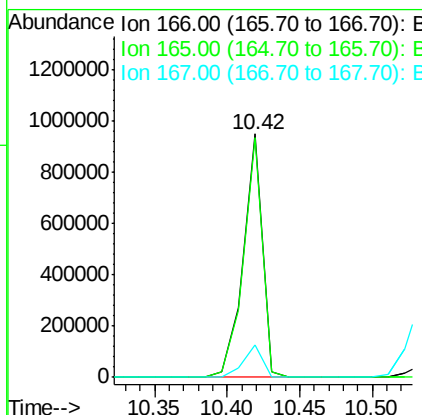
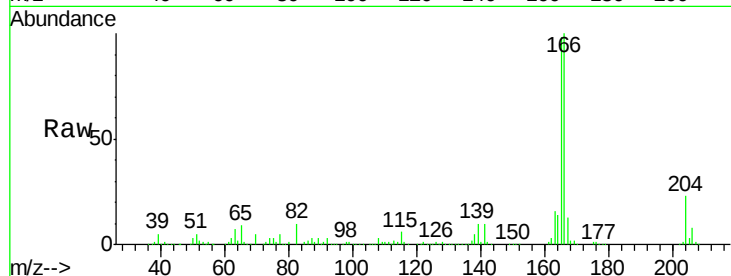
#57
 Fluorene
 Concen: 40.38 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	866148		
165	98.3	79.9	119.9	
167	13.5	10.8	16.2	

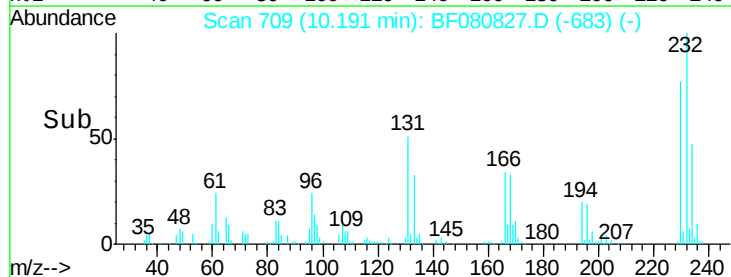
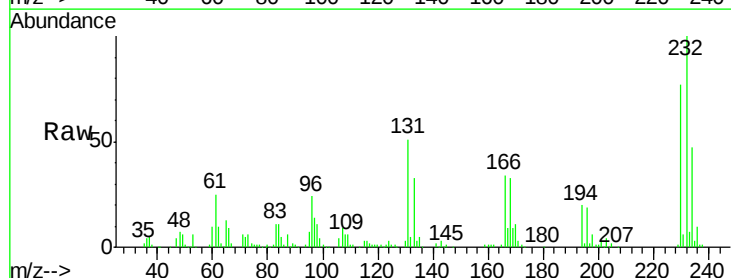
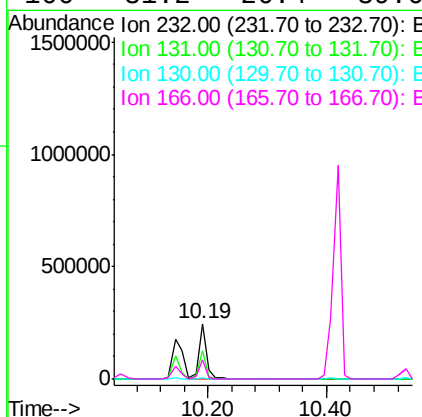
Manual Integrations
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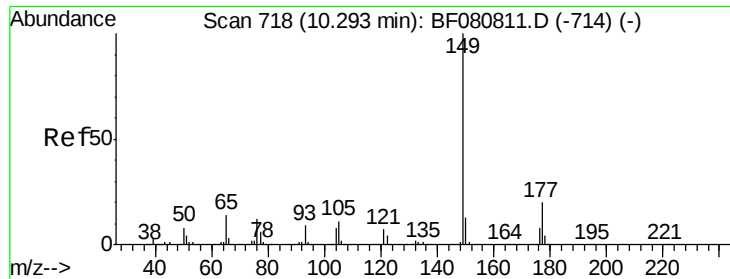
MMDadoda
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.32 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	231720		
131	47.8	41.9	62.9	
130	2.4	2.0	3.0	
166	31.2	26.4	39.6	





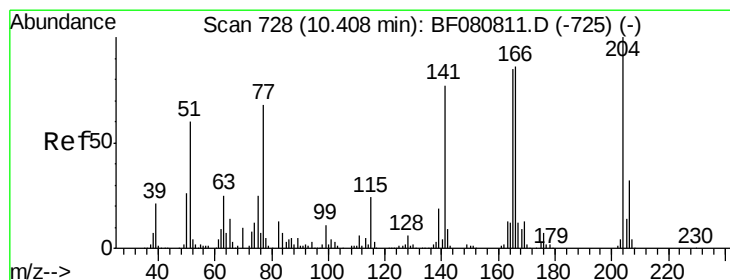
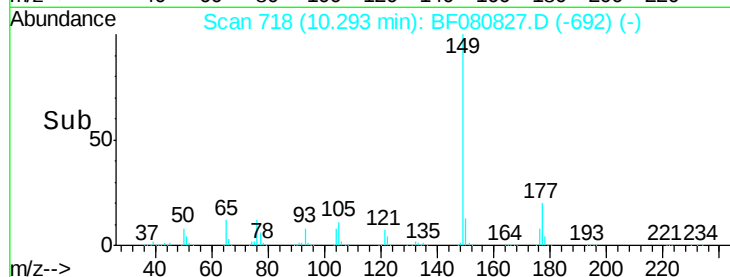
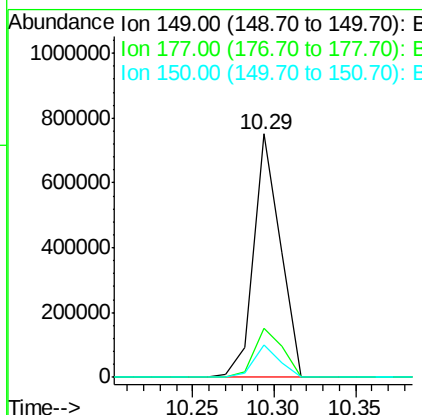
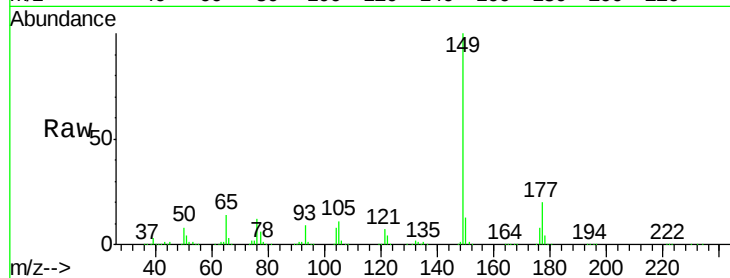
#59
Diethylphthalate
Concen: 37.47 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.2
150	13.1	10.6	15.8

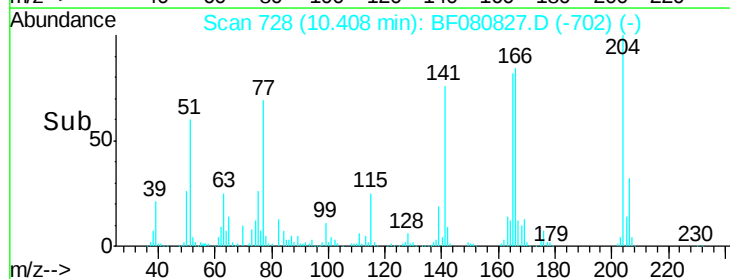
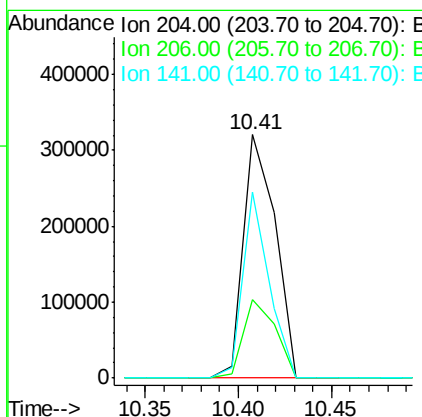
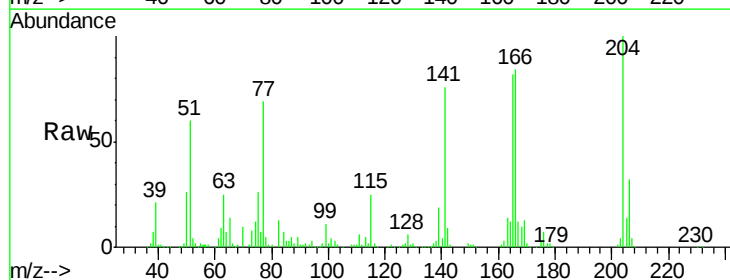
Manual Integrations
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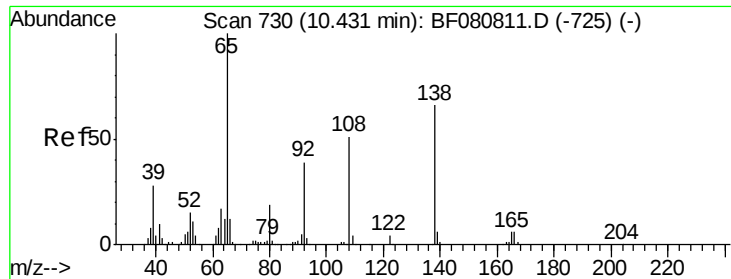
MMDadoda
8/5/2015 2:28:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.81 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	76.4	61.2	91.8





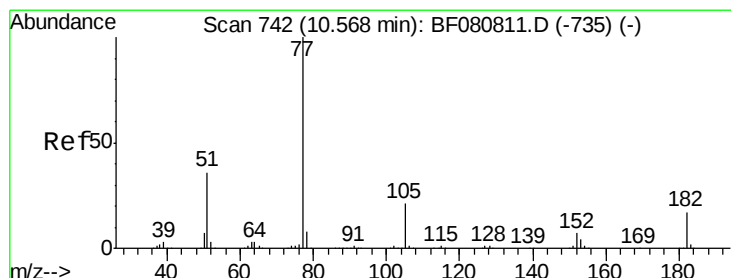
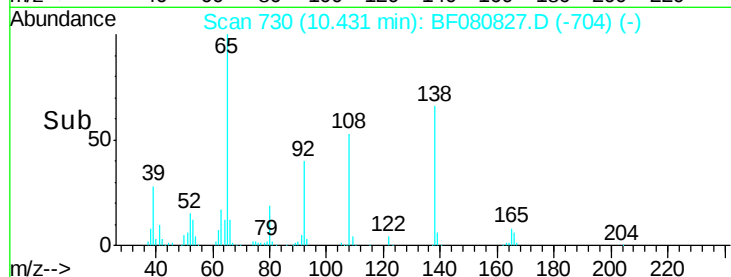
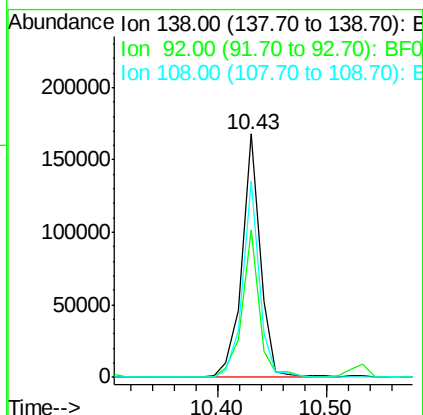
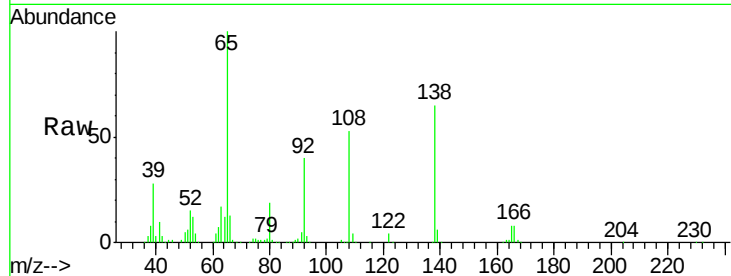
#61
4-Nitroaniline
Concen: 36.10 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	196581		
92	60.9	38.7	78.7	
108	80.8	56.8	96.8	

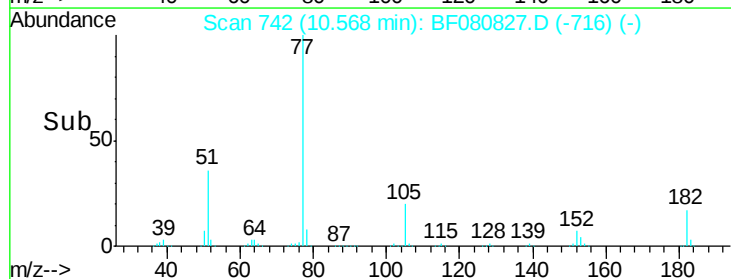
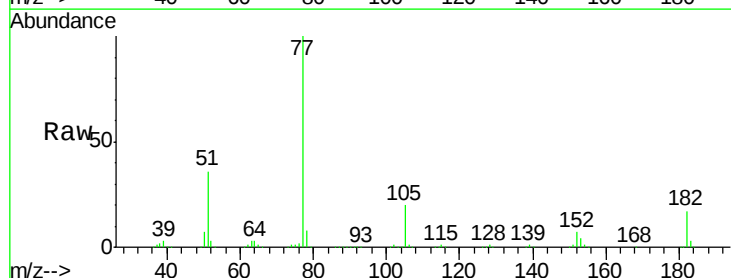
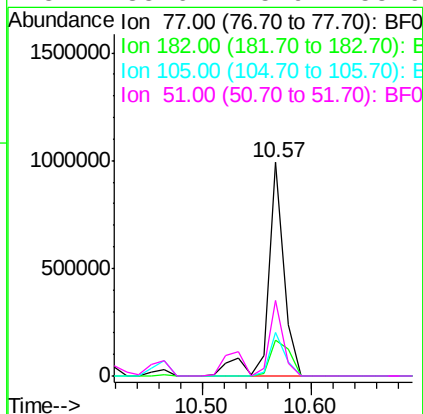
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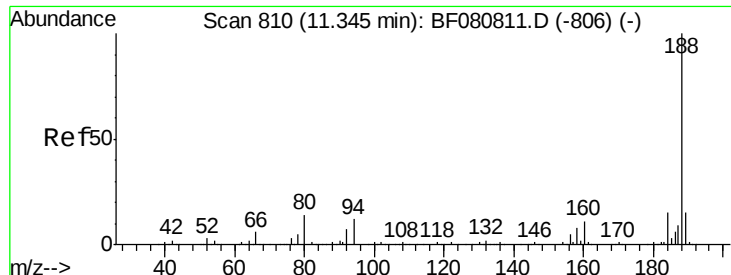
MMDadoda
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#62
Azobenzene
Concen: 38.59 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1012605		
182	17.0	0.0	37.4	
105	20.4	0.9	40.9	
51	35.6	15.9	55.9	





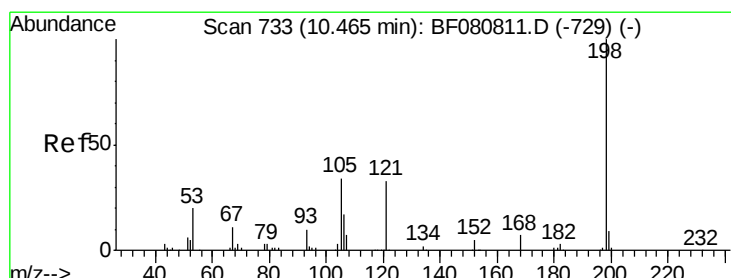
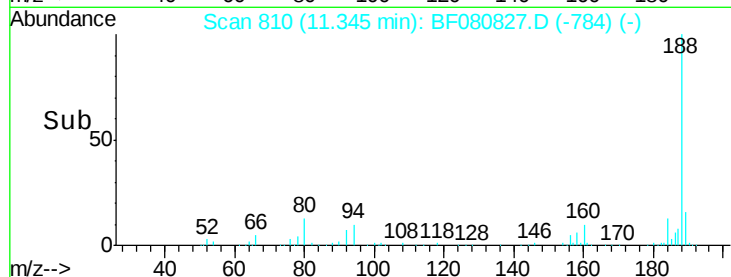
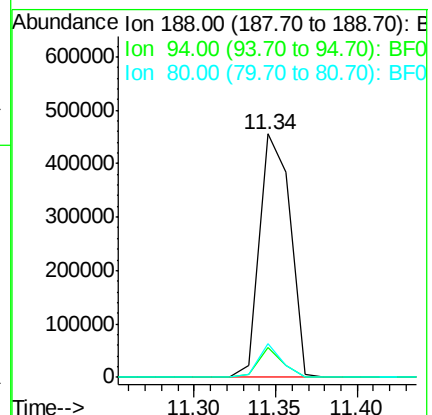
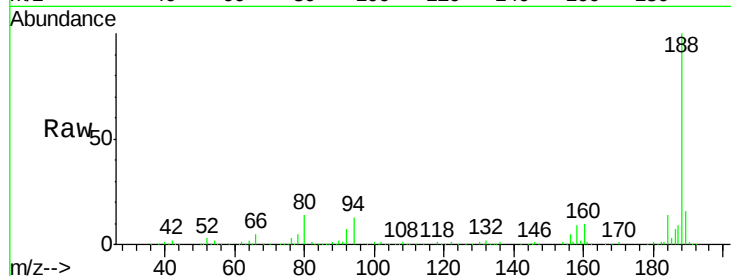
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	9.7	14.5
80	13.7	11.2	16.8

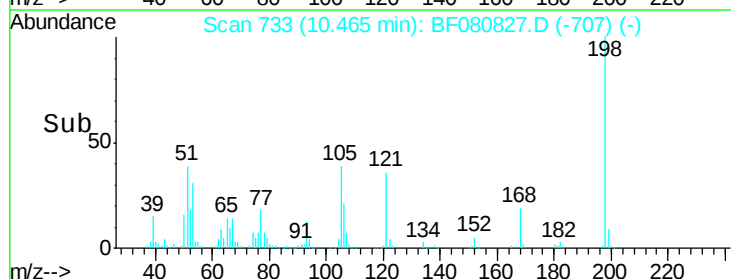
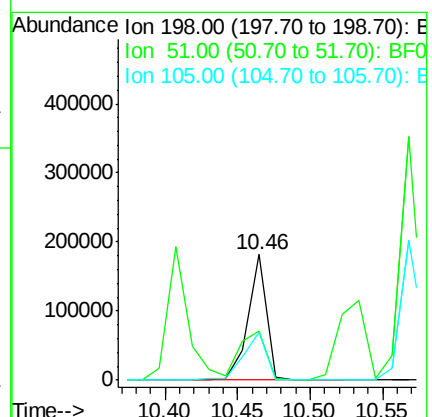
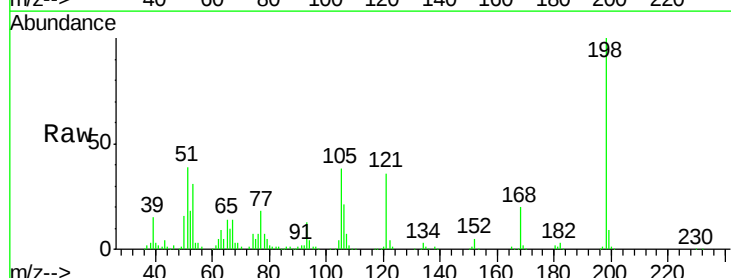
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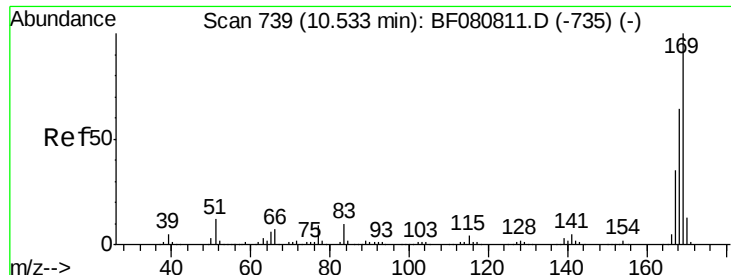
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.8	13.9	53.9
105	38.4	14.1	54.1





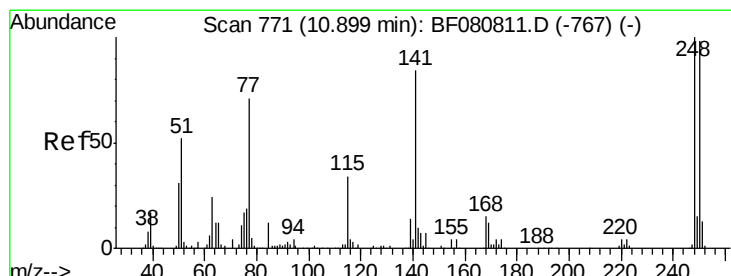
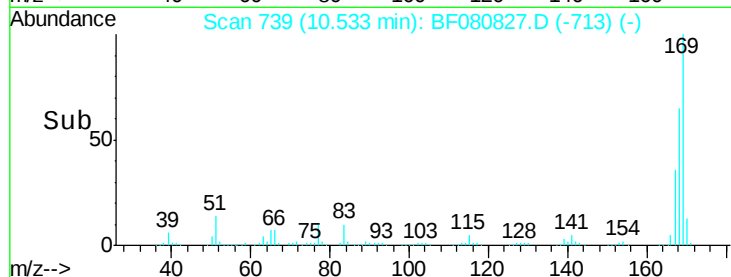
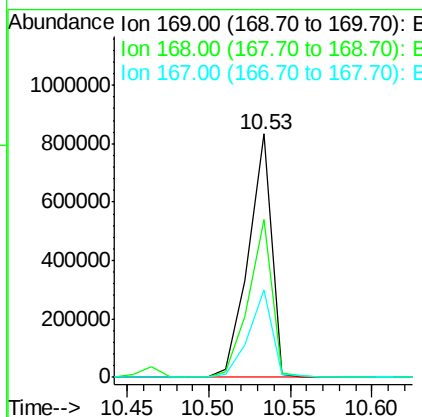
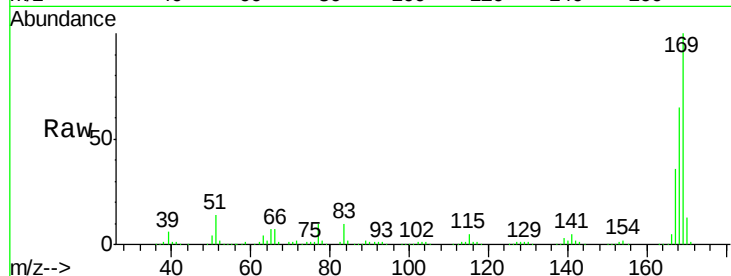
#65
 n-Nitrosodiphenylamine
 Concen: 39.84 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	826883		
168	64.6	50.9	76.3	
167	35.8	27.7	41.5	

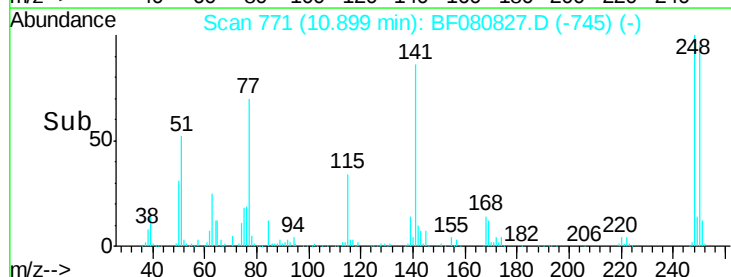
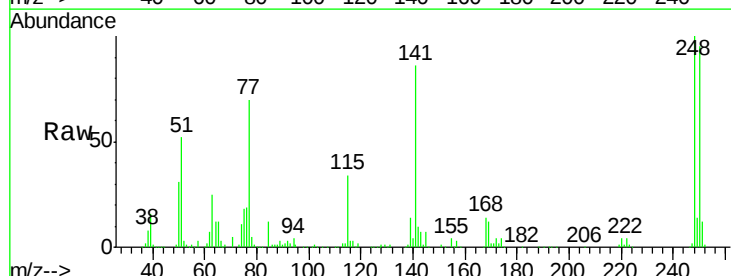
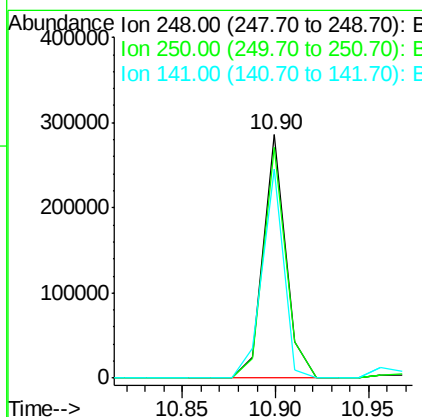
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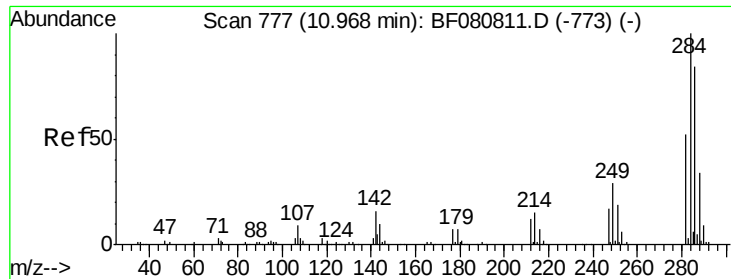
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#66
 4-Bromophenyl-phenylether
 Concen: 37.12 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242352		
250	95.0	78.4	117.6	
141	85.8	67.3	100.9	





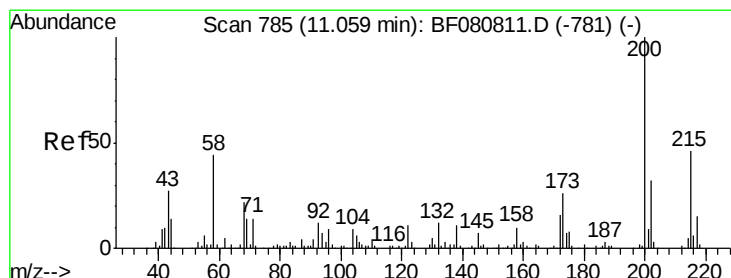
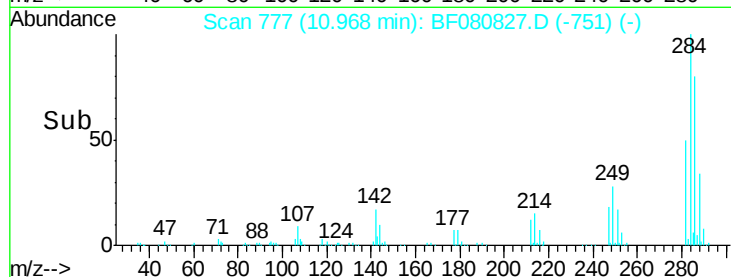
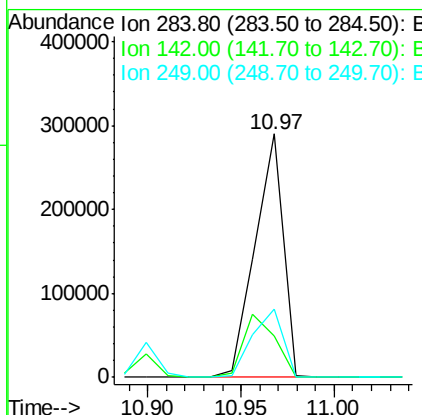
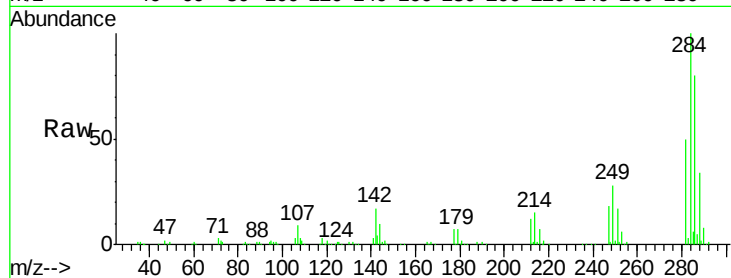
#67
Hexachlorobenzene
Concen: 41.08 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	17.1	13.0	19.4
249	27.9	22.9	34.3

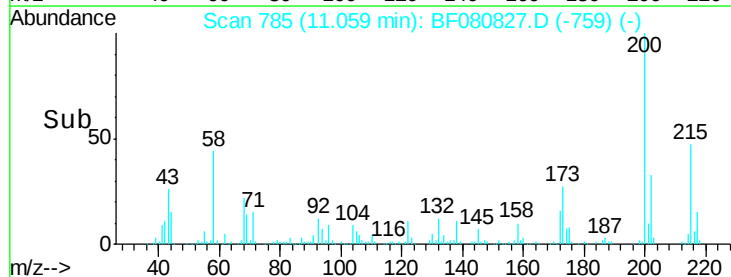
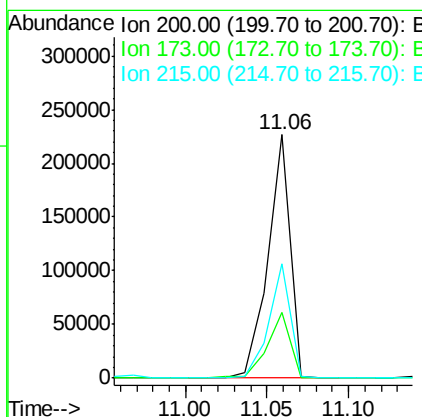
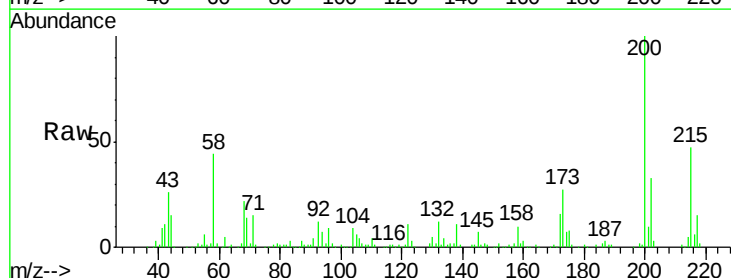
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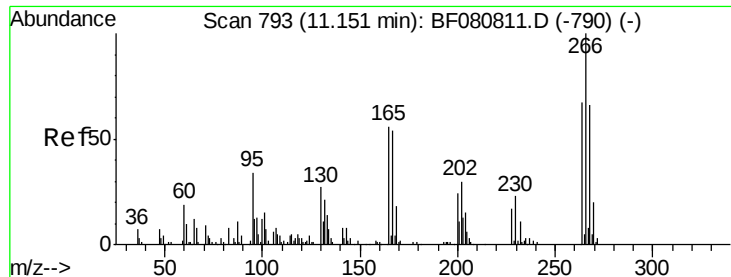
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#68
Atrazine
Concen: 45.01 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	6.0	46.0
215	47.0	26.4	66.4





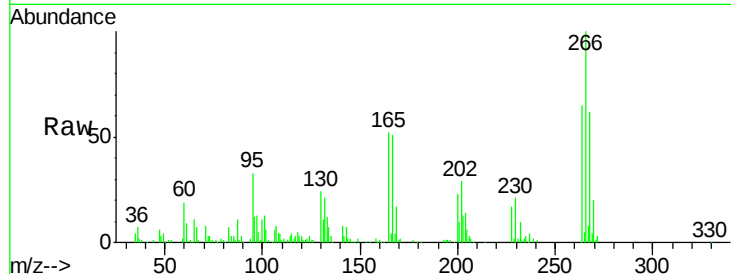
#69
 Pentachlorophenol
 Concen: 40.02 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

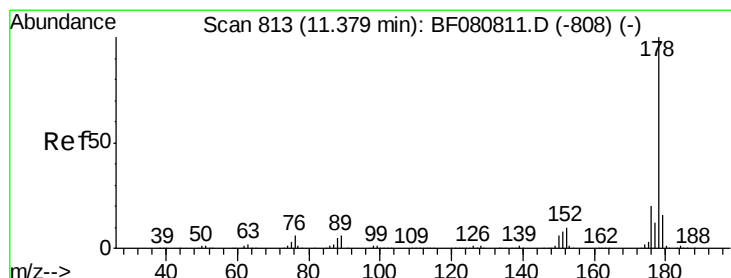
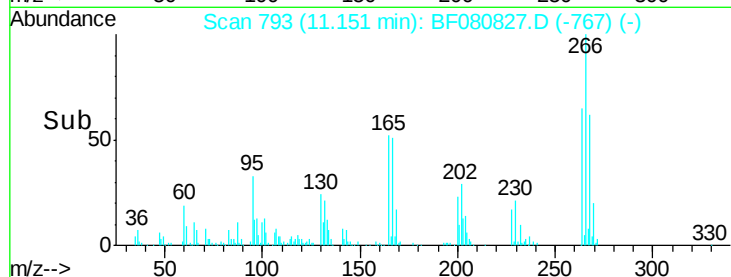
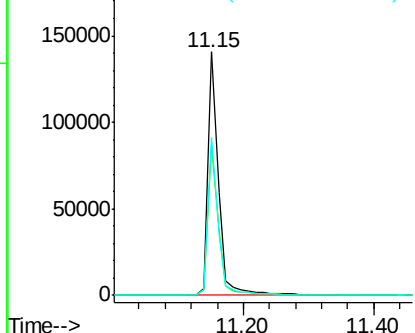
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	158615		
268	61.9	52.7	79.1	
264	64.7	53.4	80.0	

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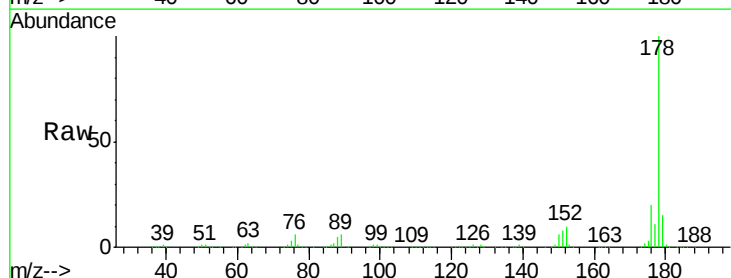


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

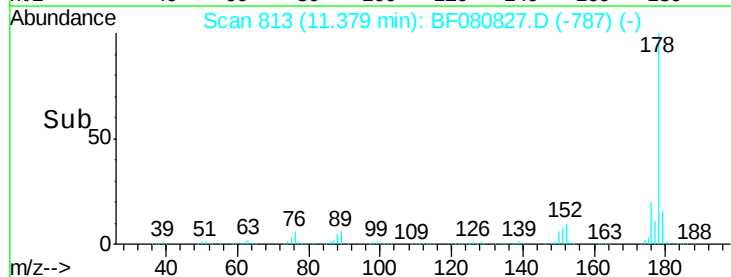
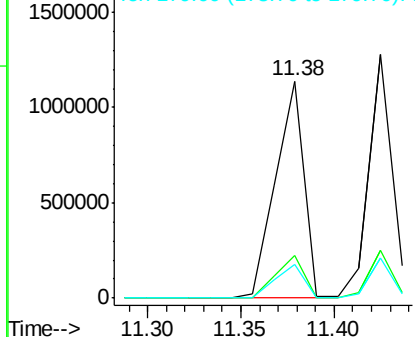


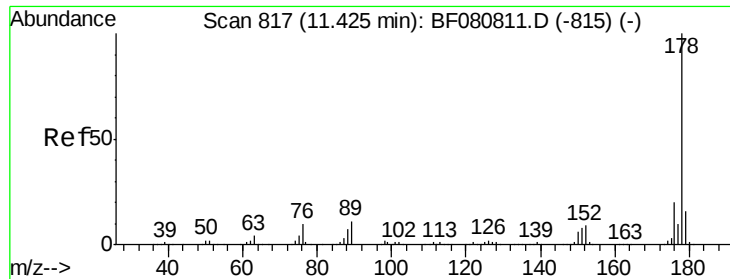
#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1218357		
176	19.6	16.3	24.5	
179	15.4	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





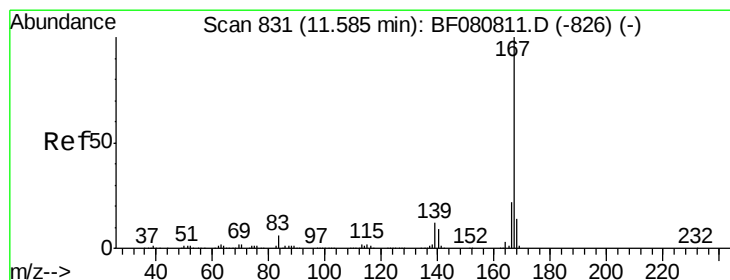
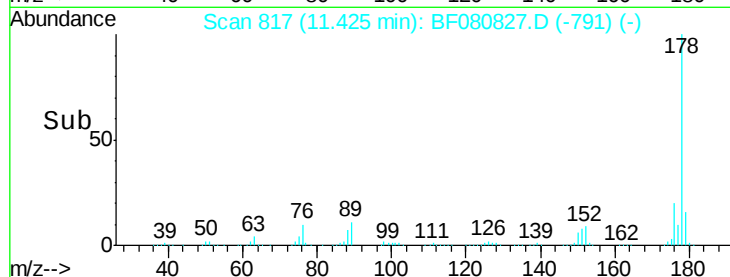
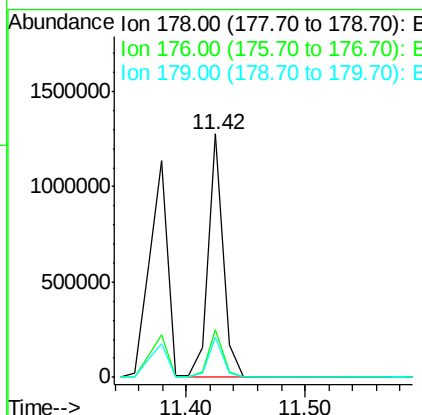
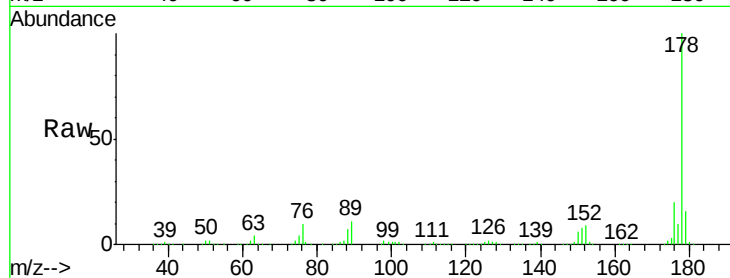
#71
 Anthracene
 Concen: 36.08 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1108593
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.3 13.0 19.4

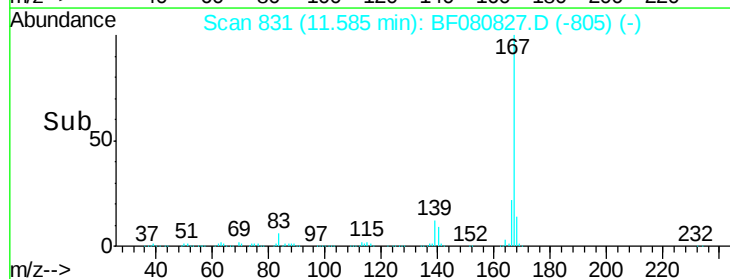
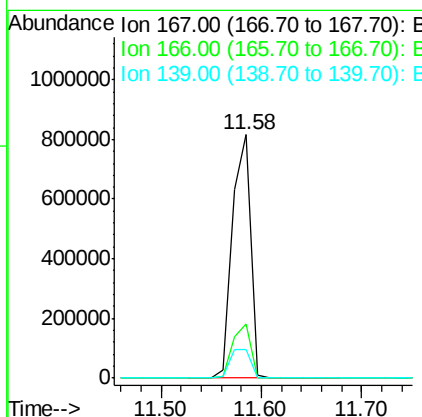
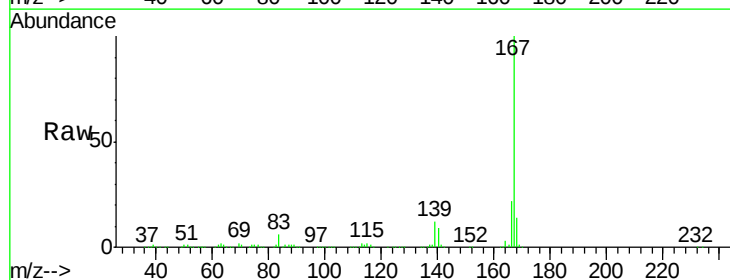
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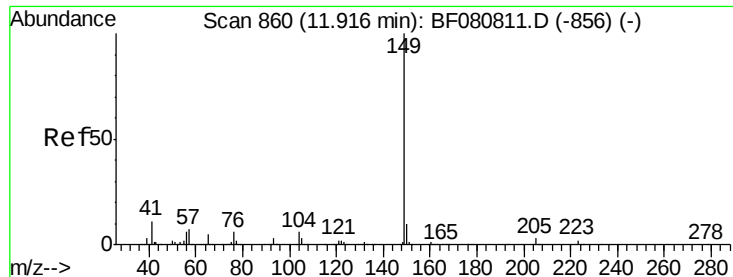
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 8/5/2015 2:28:59 PM



#72
 Carbazole
 Concen: 38.93 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:167 Resp: 1023090
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 11.6 9.6 14.4





#73

Di-n-butylphthalate

Concen: 35.95 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

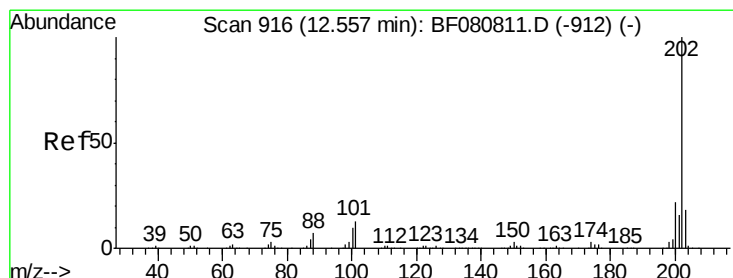
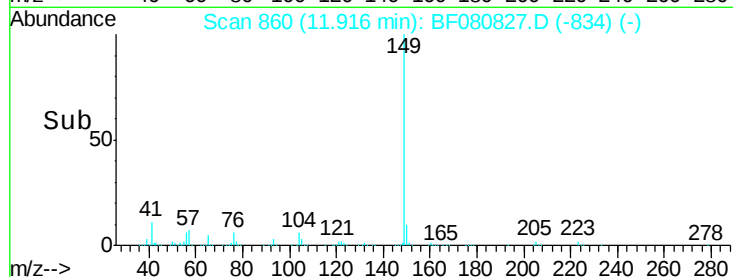
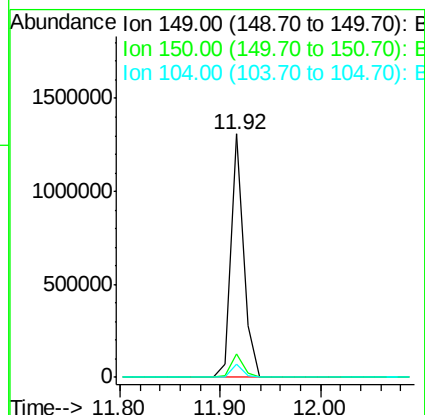
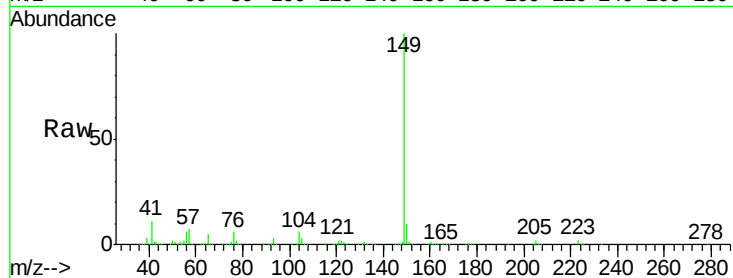
SSTDCCC040

Tgt Ion:149 Resp: 1143717

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.6	4.6	6.8

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#74

Fluoranthene

Concen: 34.96 ng

RT: 12.56 min Scan# 916

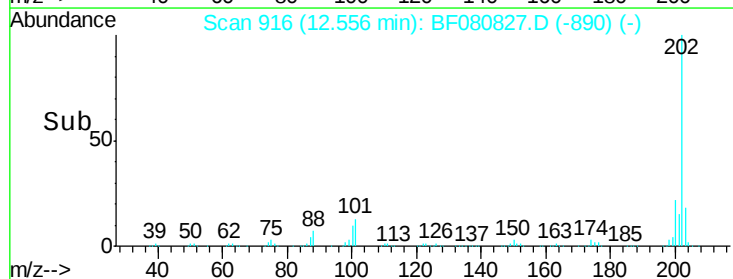
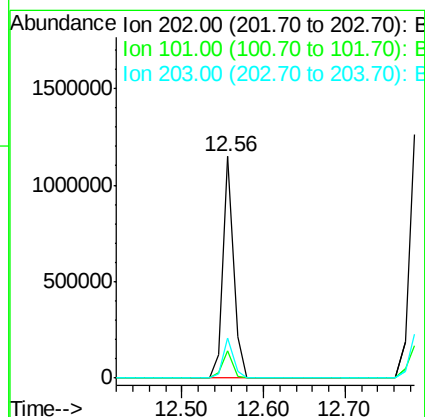
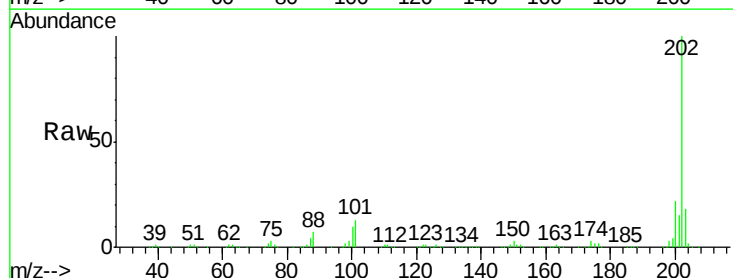
Delta R.T. -0.00 min

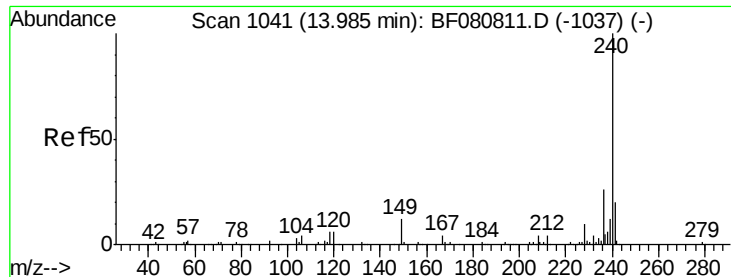
Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:202 Resp: 1028209

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.0
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

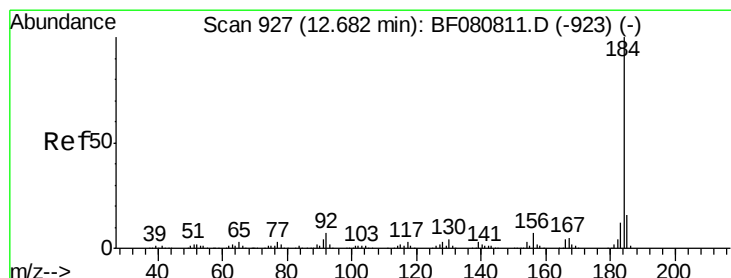
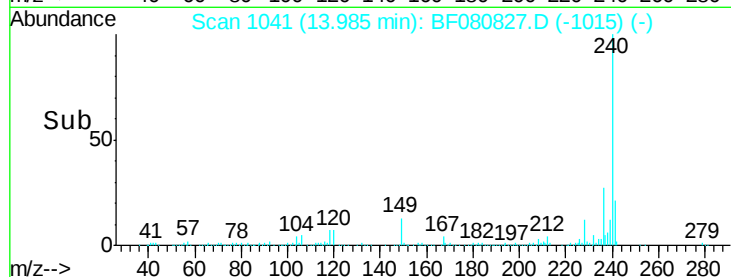
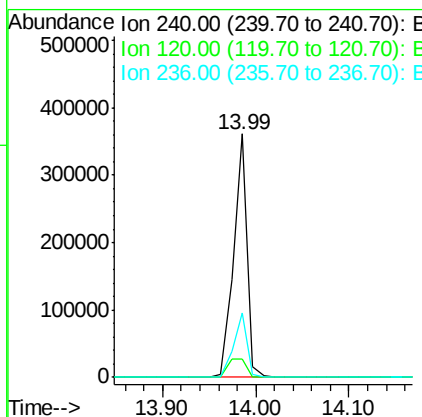
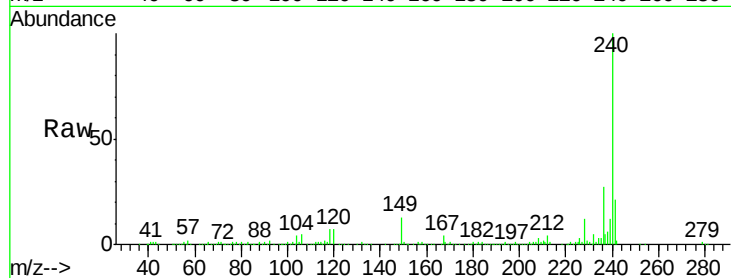
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	365625
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.0	7.4
236	26.7	20.8	31.2

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#76

Benzidine

Concen: 44.18 ng

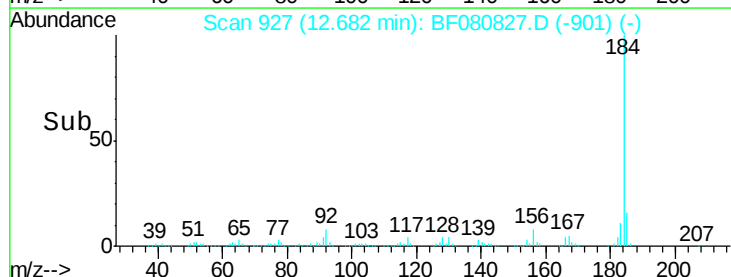
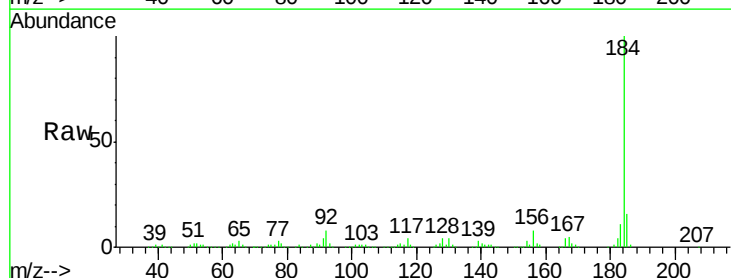
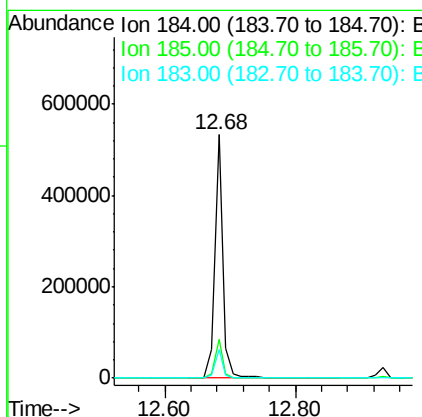
RT: 12.68 min Scan# 927

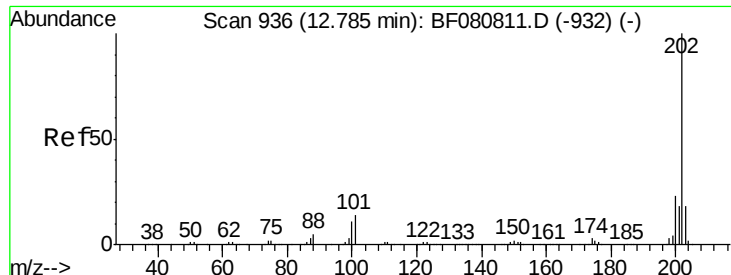
Delta R.T. 0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:	184	Resp:	476359
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	11.5	9.3	13.9





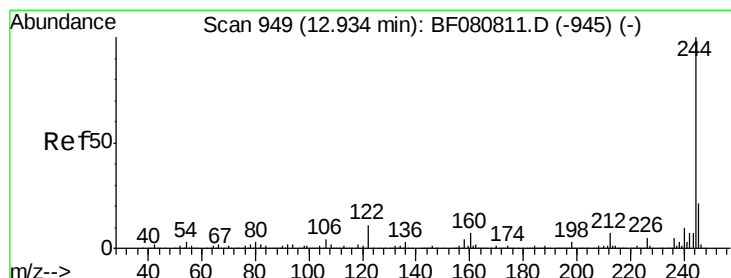
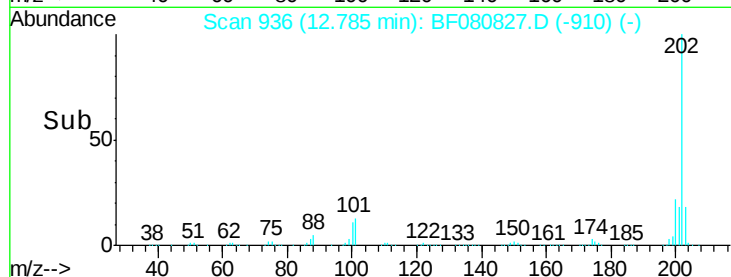
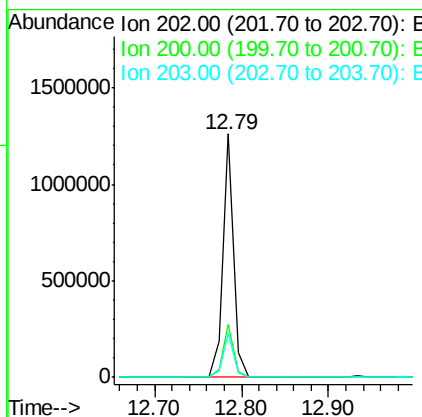
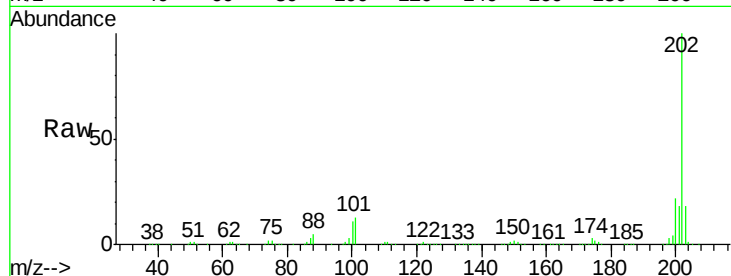
#77
 Pyrene
 Concen: 40.38 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.4
203	18.1	14.8	22.2

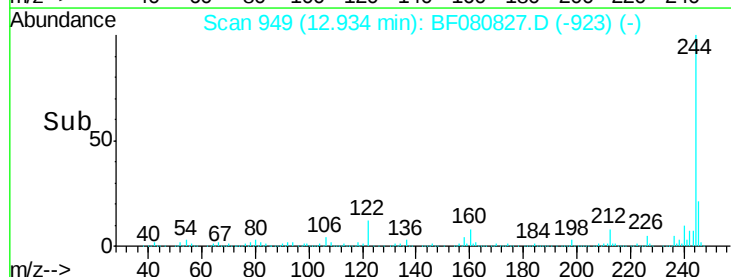
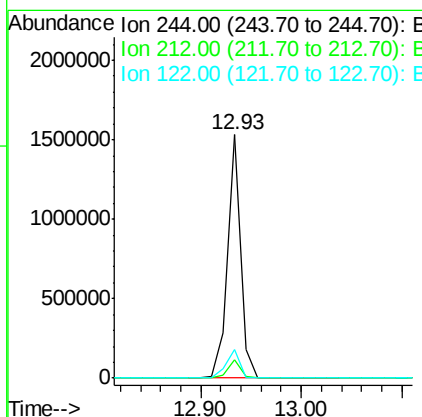
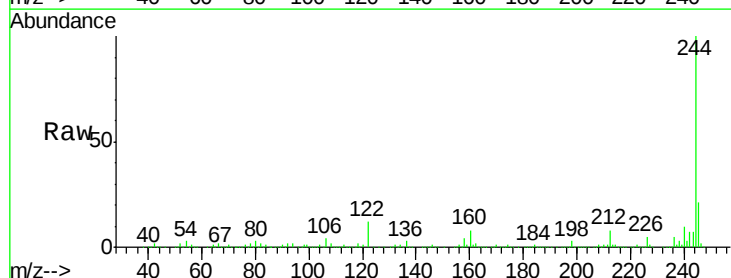
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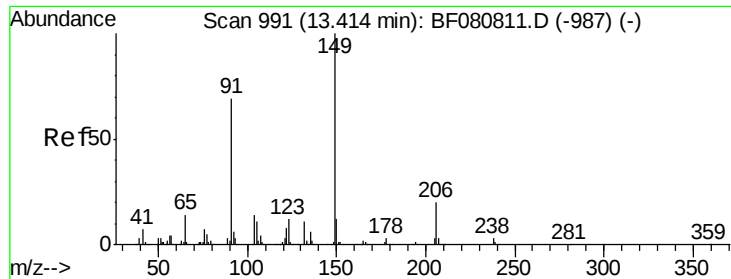
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 8/5/2015 2:28:59 PM



#78
 Terphenyl-d14
 Concen: 75.71 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.7	9.1	13.7





#79

Butylbenzylphthalate

Concen: 42.42 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080827.D

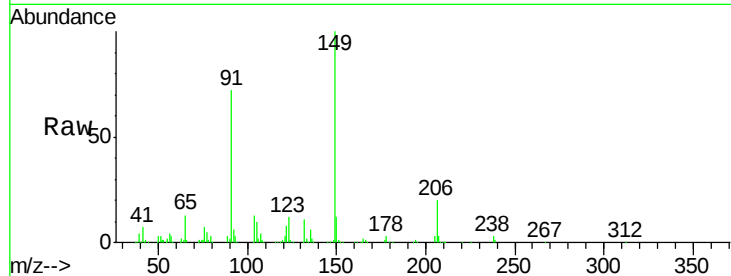
Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

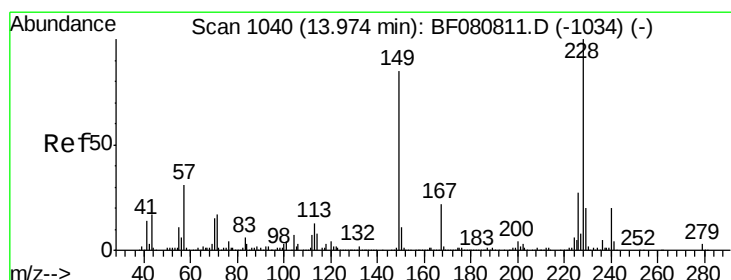
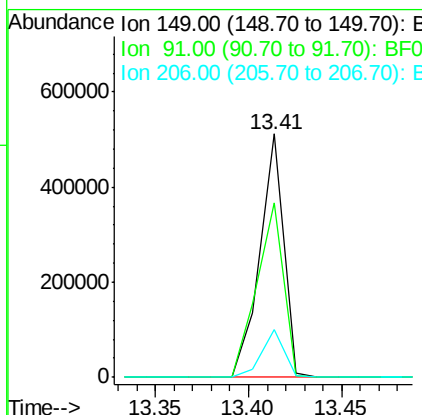
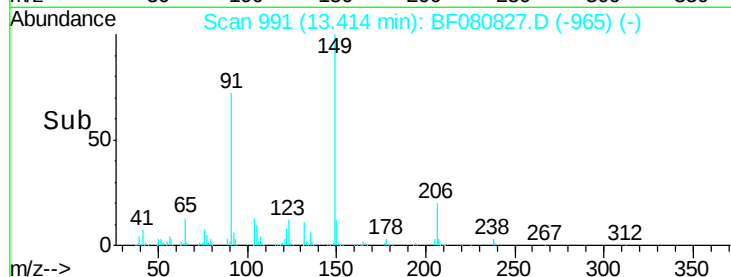
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	451763		
91	71.7	55.4	83.2	
206	19.7	15.8	23.6	

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.20 ng

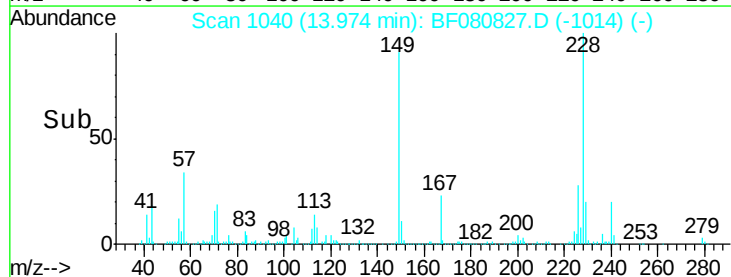
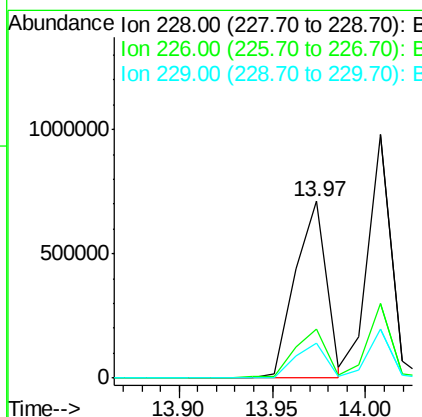
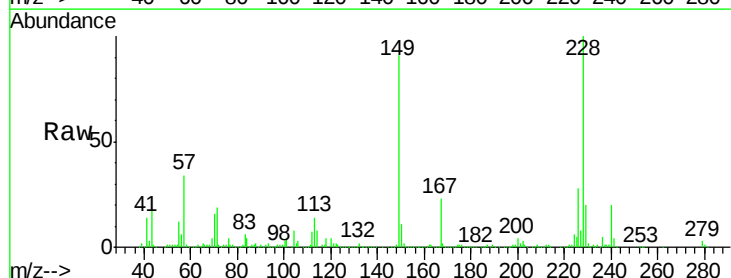
RT: 13.97 min Scan# 1040

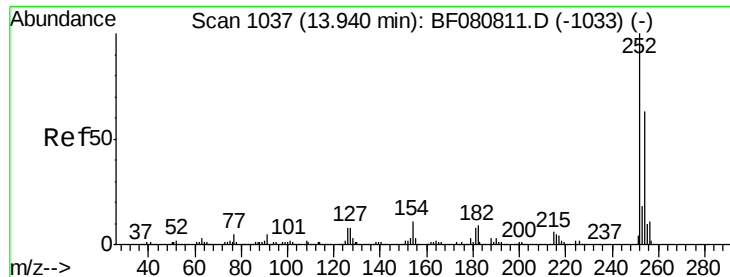
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832850		
226	27.8	21.6	32.4	
229	19.8	15.7	23.5	





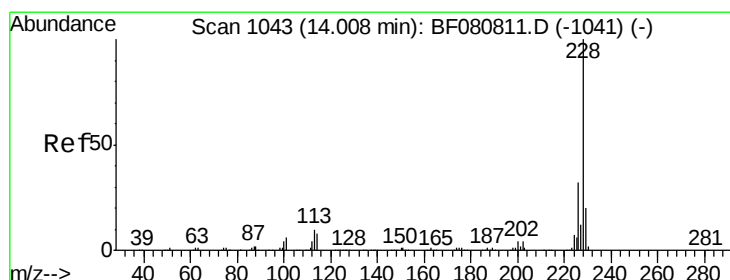
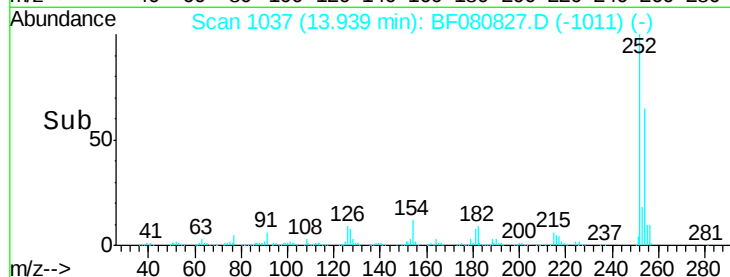
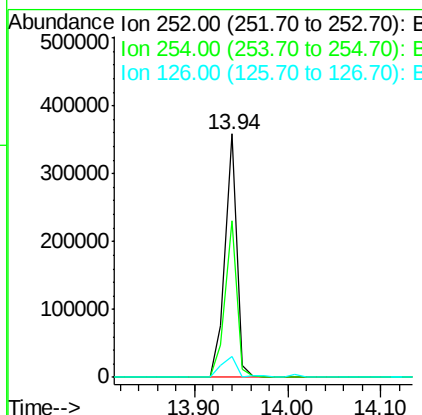
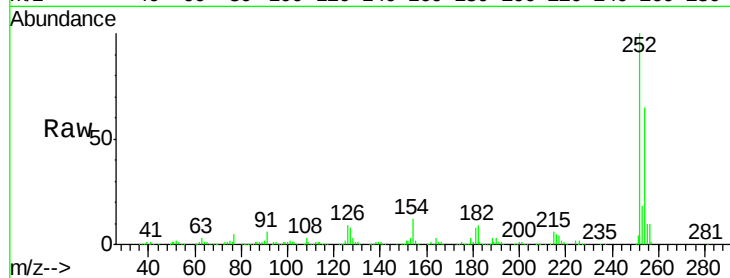
#81
 3,3'-Dichlorobenzidine
 Concen: 42.91 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	316393		
254	64.5	50.1	75.1	
126	8.6	6.2	9.4	

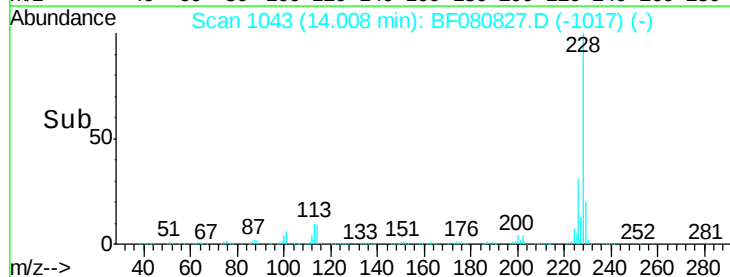
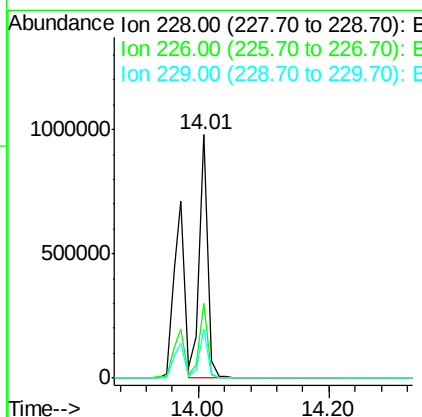
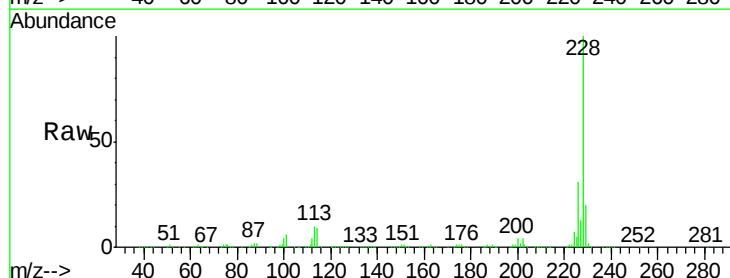
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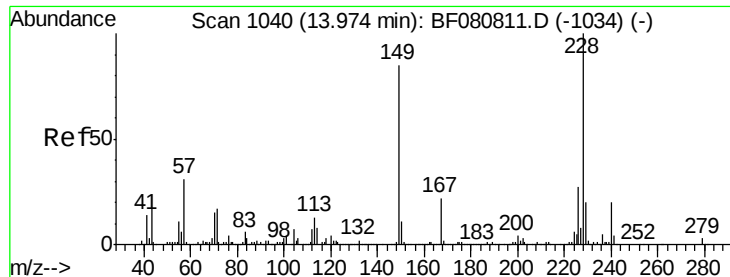
MMDadoda
 8/5/2015 2:28:59 PM



#82
 Chrysene
 Concen: 42.09 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	852789		
226	30.9	25.0	37.6	
229	20.0	16.1	24.1	





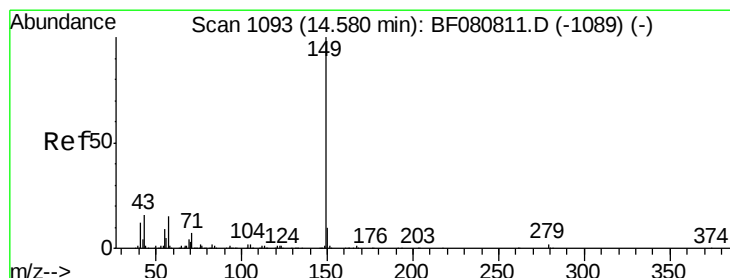
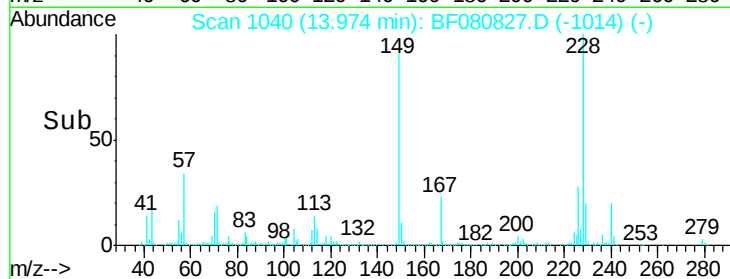
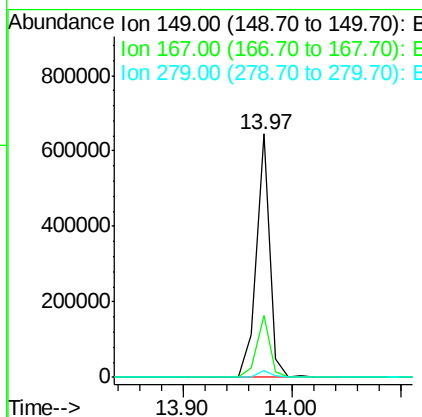
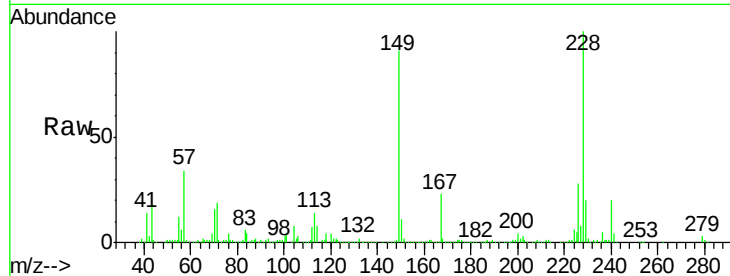
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.46 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	149	Resp:	557875
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.4	30.6
279	2.8	2.4	3.6

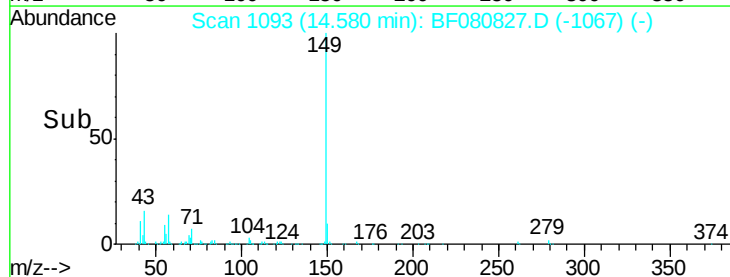
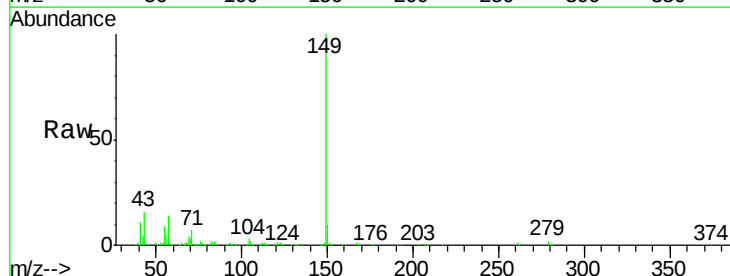
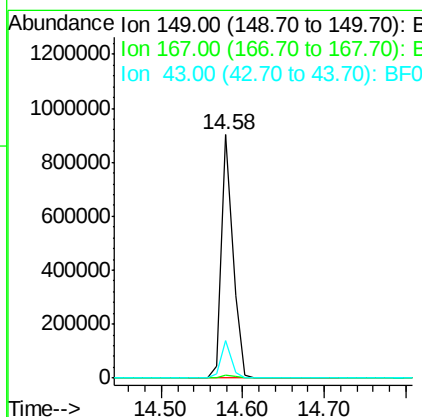
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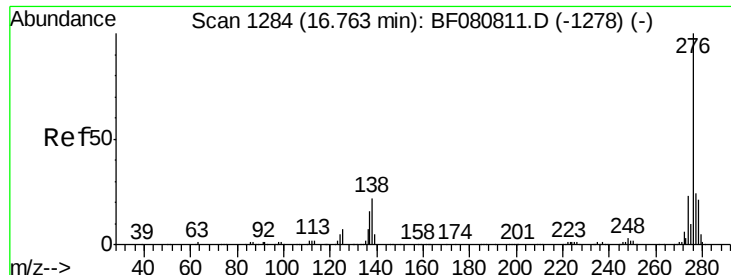
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 8/5/2015 2:28:59 PM



#84
 Di-n-octyl phthalate
 Concen: 41.92 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:	149	Resp:	870888
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	14.3	11.8	17.8





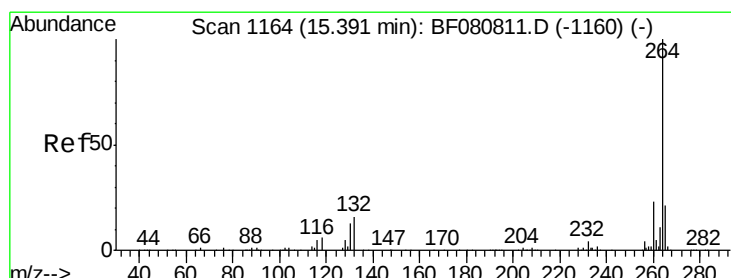
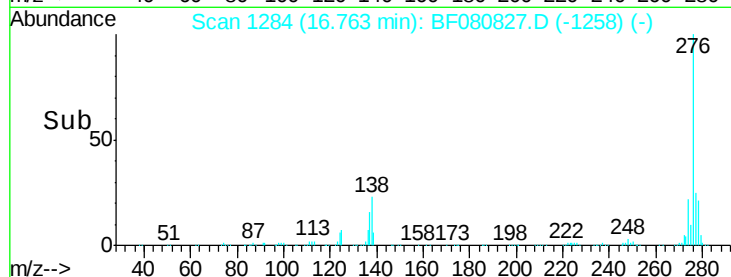
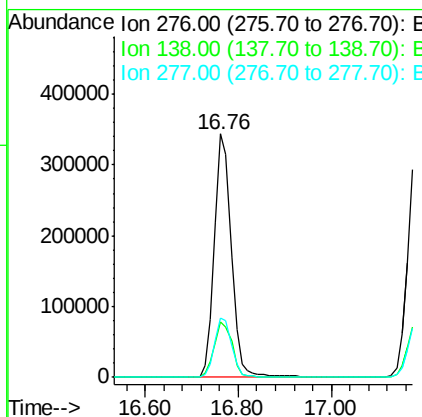
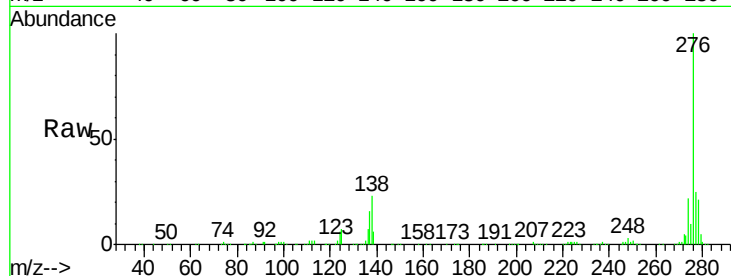
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.27 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	875918		
138	24.2	18.6	27.8	
277	24.9	20.1	30.1	

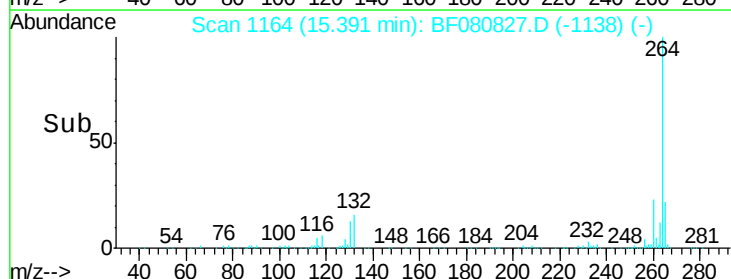
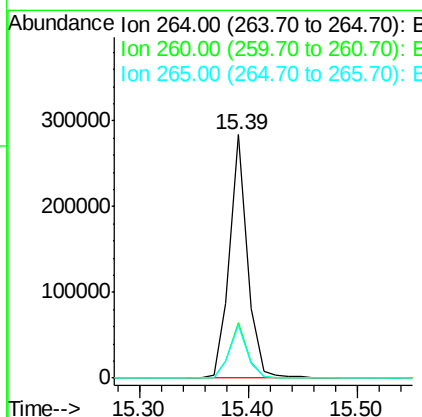
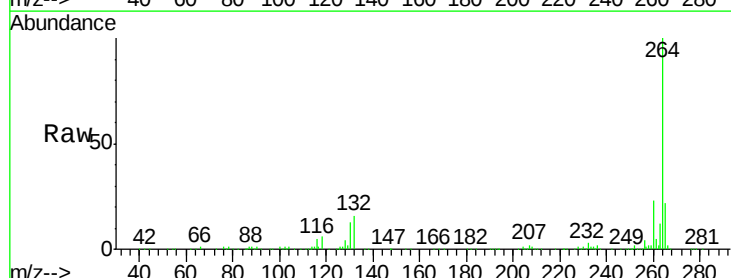
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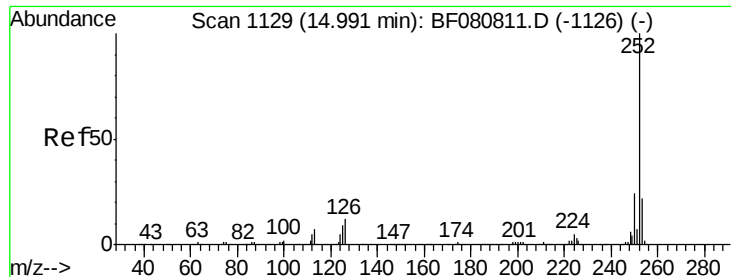
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	324109		
260	22.8	18.3	27.5	
265	21.8	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 37.12 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

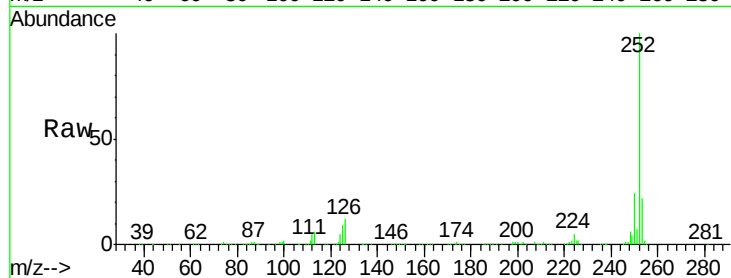
ClientSampleId :

SSTDCCC040

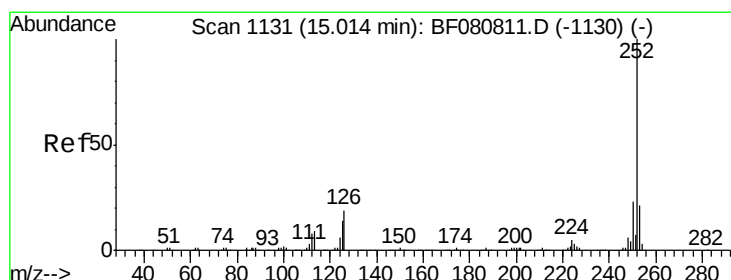
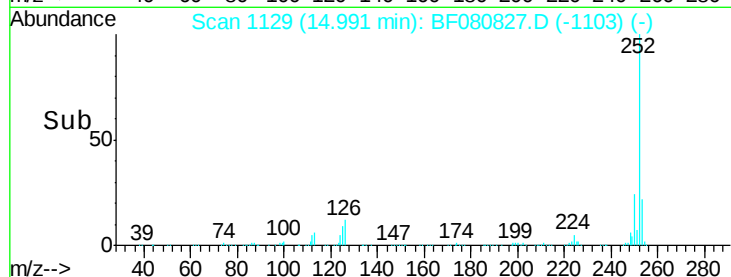
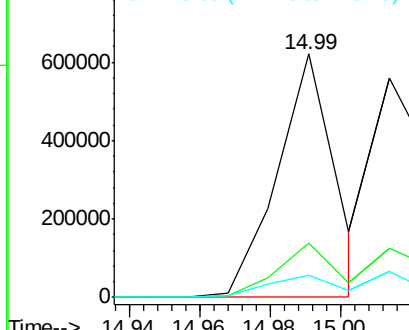
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	7.4	11.0

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



#88

Benzo(k)fluoranthene

Concen: 40.16 ng m

RT: 15.01 min Scan# 1131

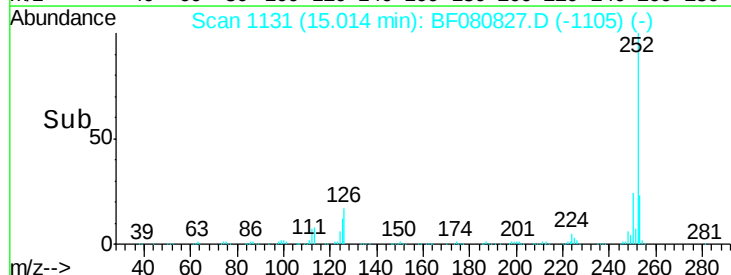
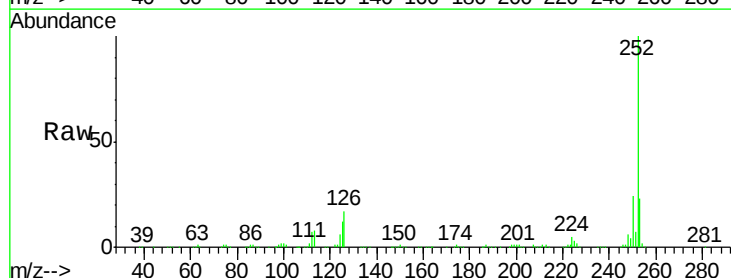
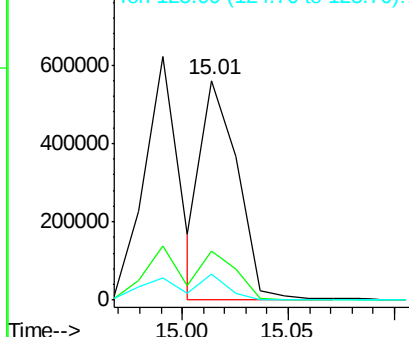
Delta R.T. -0.00 min

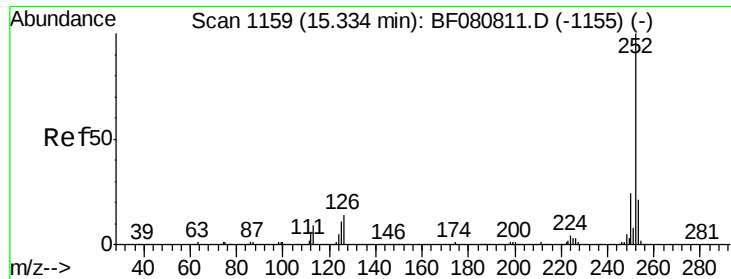
Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.1	9.9	14.9

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





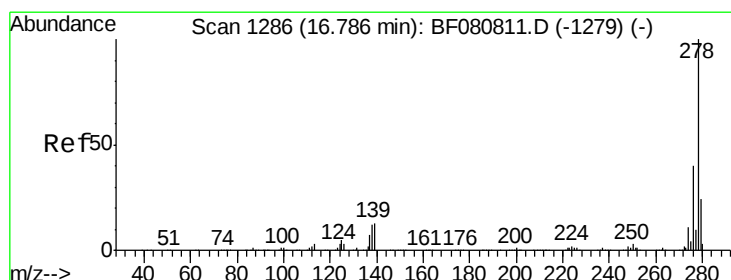
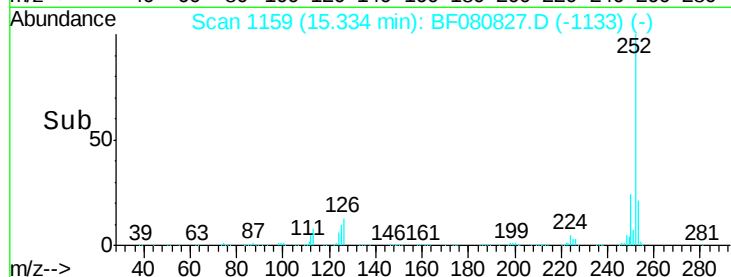
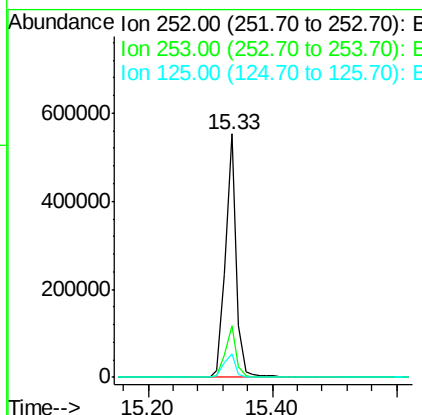
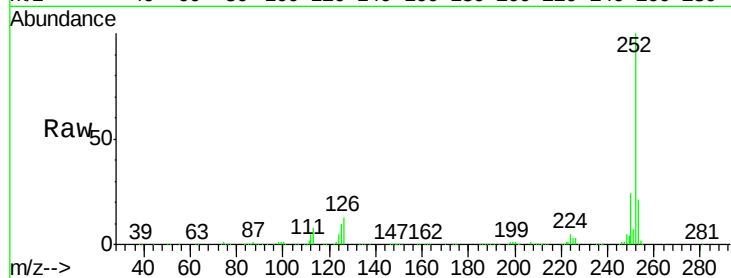
#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.4	17.2	25.8
125	9.7	8.9	13.3

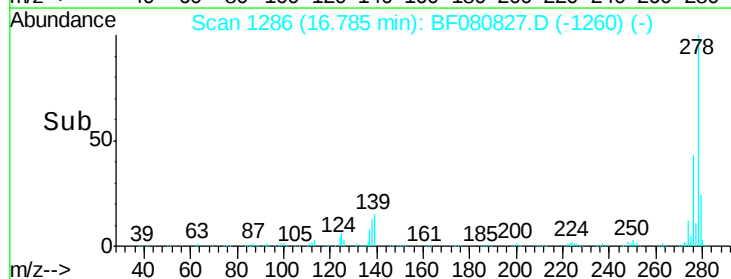
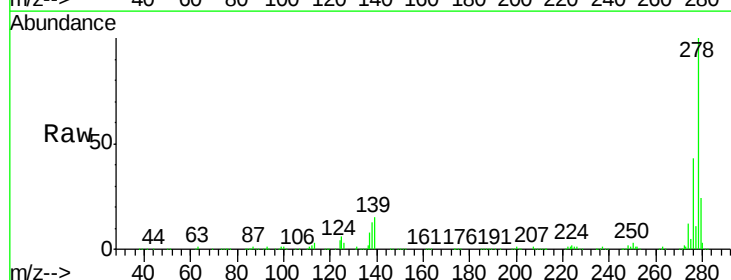
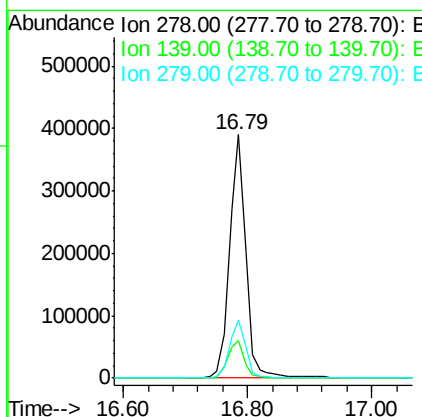
Manual Integrations
APPROVED

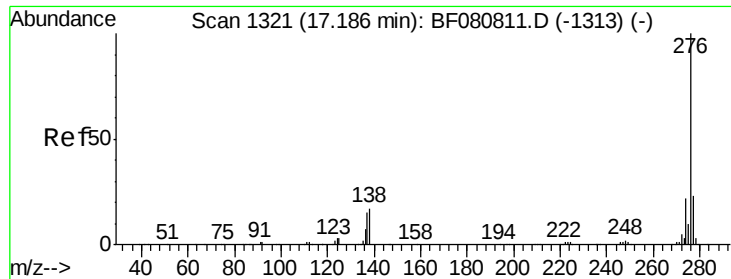
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#90
Dibenzo(a,h)anthracene
Concen: 45.14 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.2	10.7	16.1
279	23.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.06 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		756939		
277	23.6	18.6	27.8		
138	18.5	13.3	19.9		

Manual Integrations
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