

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080669.D
 Acq On : 25 Jul 2015 14:12
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Quant Time: Jul 27 03:06:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51393	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	179766	20.00	ng	0.01
38) Acenaphthene-d10	9.97	164	92698	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	165241	20.00	ng	0.00
75) Chrysene-d12	14.23	240	187308	20.00	ng	0.07
86) Perylene-d12	15.86	264	230468	20.00	ng	0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	231619	75.89	ng	0.01
7) Phenol-d6	6.54	99	274695	75.35	ng	0.00
23) Nitrobenzene-d5	7.49	82	287778	80.40	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	72988	87.64	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	470715	78.35	ng	0.00
78) Terphenyl-d14	13.07	244	519761	59.75	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	42768	31.21	ng	93
3) Pyridine	3.24	79	106301	32.88	ng	93
4) n-Nitrosodimethylamine	3.15	42	76606	36.37	ng	# 96
6) Aniline	6.59	93	190300	36.89	ng	93
8) 2-Chlorophenol	6.72	128	120481	35.94	ng	# 81
9) Benzaldehyde	6.48	77	93271	39.17	ng	90
10) Phenol	6.56	94	155298	35.18	ng	90
11) bis(2-Chloroethyl)ether	6.66	93	118218	36.41	ng	93
12) 1,3-Dichlorobenzene	6.88	146	141222m	39.01	ng	
13) 1,4-Dichlorobenzene	6.94	146	133660	35.65	ng	95
14) 1,2-Dichlorobenzene	7.10	146	137725	37.35	ng	96
15) Benzyl Alcohol	7.07	79	122755	40.53	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.21	45	201971	36.62	ng	99
17) 2-Methylphenol	7.17	107	92529	34.71	ng	94
18) Hexachloroethane	7.45	117	49613	33.84	ng	93
19) n-Nitroso-di-n-propylamine	7.34	70	94171	35.80	ng	# 78
20) 3+4-Methylphenols	7.33	107	137762	39.85	ng	# 73
22) Acetophenone	7.34	105	184438	39.51	ng	# 76
24) Nitrobenzene	7.52	77	135644	38.02	ng	# 75
25) Isophorone	7.76	82	243786	38.83	ng	# 87
26) 2-Nitrophenol	7.84	139	58541	44.97	ng	95
27) 2,4-Dimethylphenol	7.87	122	108454	41.58	ng	94
28) bis(2-Chloroethoxy)methane	7.96	93	136294	37.46	ng	98
29) 2,4-Dichlorophenol	8.08	162	92145	37.04	ng	88
30) 1,2,4-Trichlorobenzene	8.16	180	110403	37.41	ng	96
31) Naphthalene	8.25	128	344532	38.25	ng	98
32) Benzoic acid	7.93	122	75396	48.97	ng	95
33) 4-Chloroaniline	8.28	127	140327	35.47	ng	96
34) Hexachlorobutadiene	8.36	225	73237	35.92	ng	99
35) Caprolactam	8.62	113	29054	40.79	ng	# 71
36) 4-Chloro-3-methylphenol	8.76	107	111806	41.88	ng	# 82
37) 2-Methylnaphthalene	8.93	142	247032	38.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	104505	39.03	ng	98
40) Hexachlorocyclopentadiene	9.09	237	46086	28.95	ng	98

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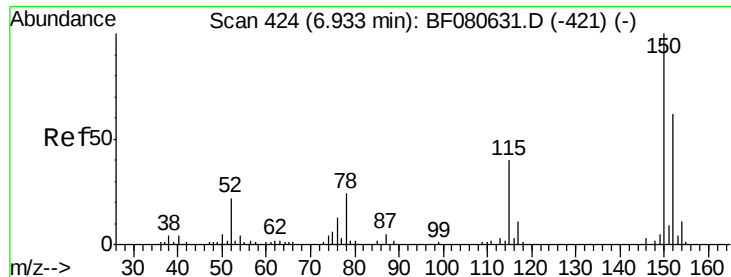
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	80766	44.22	ng	99
43) 2,4,5-Trichlorophenol	9.24	196	76454	39.96	ng #	89
45) 1,1'-Biphenyl	9.40	154	258152	39.86	ng	92
46) 2-Chloronaphthalene	9.42	162	224112	41.37	ng #	86
47) 2-Nitroaniline	9.50	65	67081	40.39	ng	91
48) Acenaphthylene	9.84	152	393469	42.92	ng	99
49) Dimethylphthalate	9.69	163	248362	37.46	ng	99
50) 2,6-Dinitrotoluene	9.76	165	52637	44.47	ng #	43
51) Acenaphthene	10.01	154	224469	40.32	ng	98
52) 3-Nitroaniline	9.92	138	60805	43.18	ng	93
53) 2,4-Dinitrophenol	10.02	184	11322	26.07	ng #	1
54) Dibenzofuran	10.18	168	313300	39.44	ng	99
55) 4-Nitrophenol	10.06	139	42006	37.78	ng #	61
56) 2,4-Dinitrotoluene	10.16	165	71633	45.78	ng #	48
57) Fluorene	10.52	166	251246	40.17	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	61678	40.40	ng	98
59) Diethylphthalate	10.40	149	272350	41.33	ng	99
60) 4-Chlorophenyl-phenylether	10.52	204	111506	40.12	ng	98
61) 4-Nitroaniline	10.52	138	53600	39.12	ng	98
62) Azobenzene	10.67	77	237592	37.66	ng	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	20046	26.38	ng #	58
65) n-Nitrosodiphenylamine	10.64	169	202441	39.98	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	64483	41.42	ng #	61
67) Hexachlorobenzene	11.07	284	71563	37.73	ng #	88
68) Atrazine	11.16	200	59017	40.10	ng	93
69) Pentachlorophenol	11.26	266	46017	48.65	ng	97
70) Phenanthrene	11.48	178	335251	36.76	ng	98
71) Anthracene	11.54	178	372472	42.34	ng	99
72) Carbazole	11.69	167	314393	39.46	ng	98
73) Di-n-butylphthalate	12.03	149	426257	43.18	ng	99
74) Fluoranthene	12.68	202	353437	40.09	ng	97
76) Benzidine	12.81	184	234748	36.87	ng	100
77) Pyrene	12.92	202	361092	30.78	ng	99
79) Butylbenzylphthalate	13.59	149	172860	34.07	ng	99
80) Benzo(a)anthracene	14.21	228	432257	39.33	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	147009	41.14	ng	99
82) Chrysene	14.25	228	398303	38.69	ng	100
83) Bis(2-ethylhexyl)phthalate	14.21	149	257857	33.72	ng #	97
84) Di-n-octyl phthalate	14.96	149	489189	39.72	ng #	99
85) Indeno(1,2,3-cd)pyrene	17.36	276	633407	50.32	ng	99
87) Benzo(b)fluoranthene	15.41	252	551587	39.48	ng #	98
88) Benzo(k)fluoranthene	15.45	252	387991m	31.01	ng	
89) Benzo(a)pyrene	15.79	252	471611	37.53	ng	99
90) Dibenzo(a,h)anthracene	17.38	278	509142	38.47	ng	98
91) Benzo(g,h,i)perylene	17.80	276	506875	37.71	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080669.D

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BNA_F

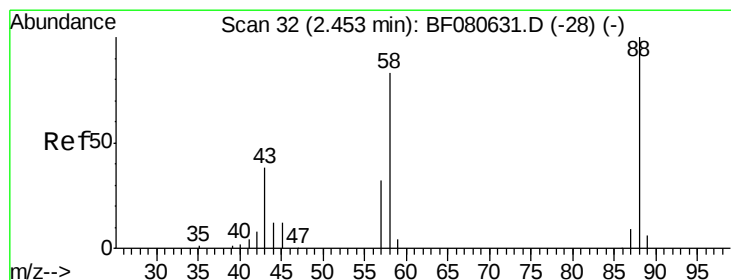
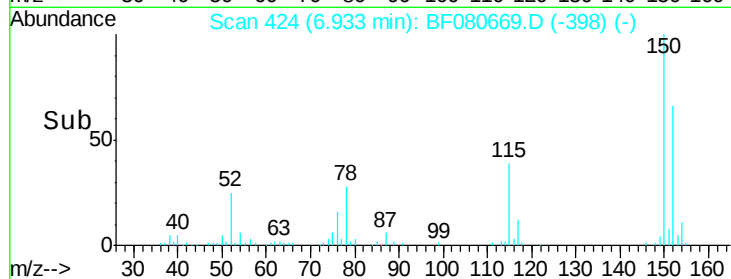
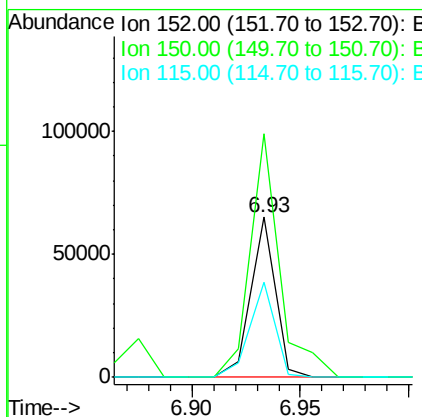
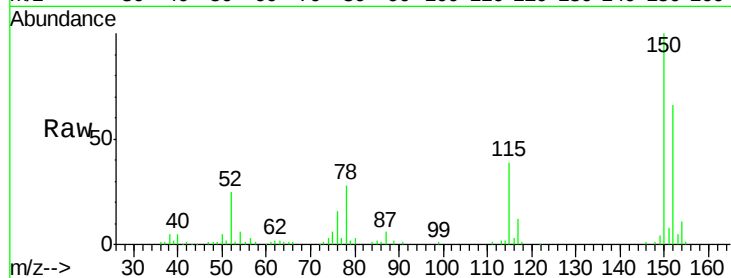
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	51393
Ion Ratio	Lower	Upper	
152	100		
150	151.9	128.9	193.3
115	59.6	51.0	76.6

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#2

1,4-Dioxane

Concen: 31.21 ng

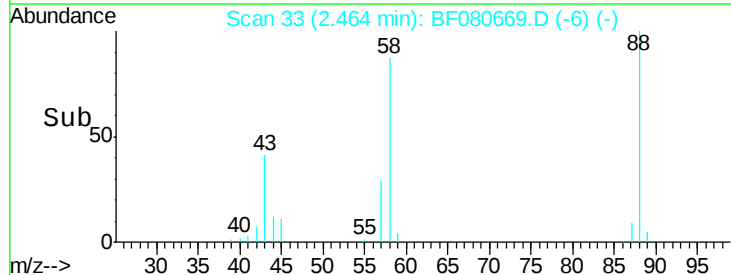
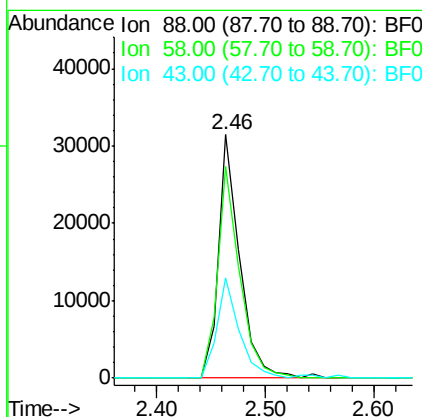
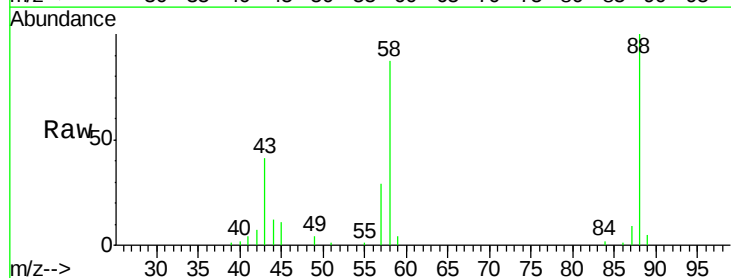
RT: 2.46 min Scan# 33

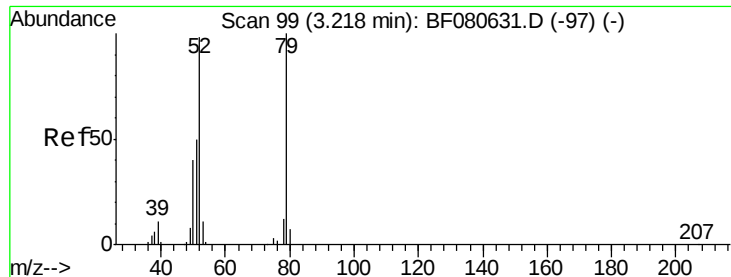
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	88	Resp:	42768
Ion Ratio	Lower	Upper	
88	100		
58	90.9	67.7	101.5
43	43.5	30.9	46.3





#3

Pyridine

Concen: 32.88 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

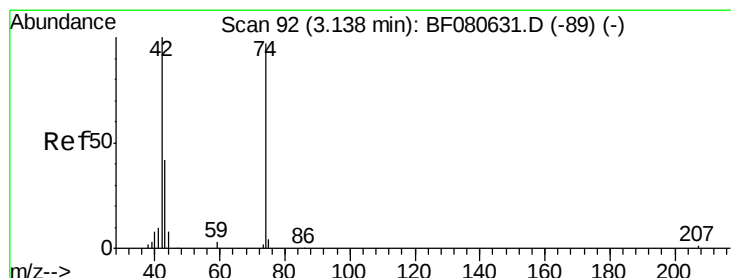
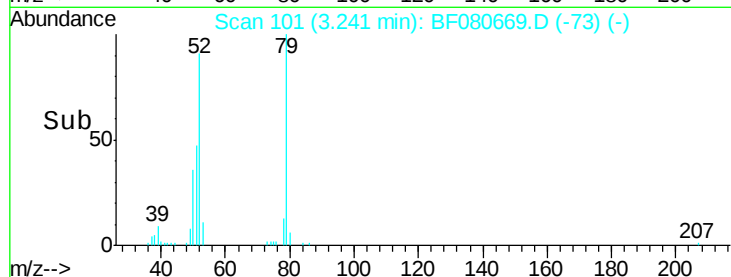
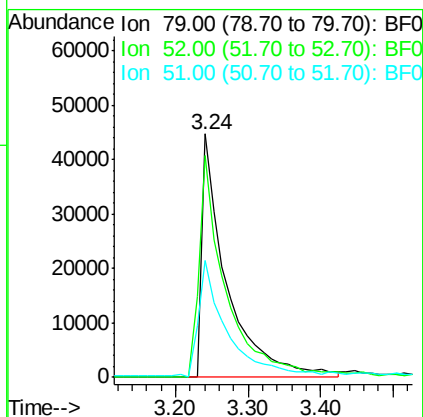
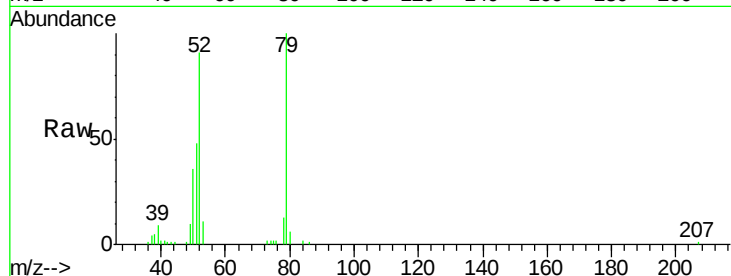
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	106301
Ion Ratio	Lower	Upper	
79	100		
52	91.1	78.8	118.2
51	48.2	41.4	62.2

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#4

n-Nitrosodimethylamine

Concen: 36.37 ng

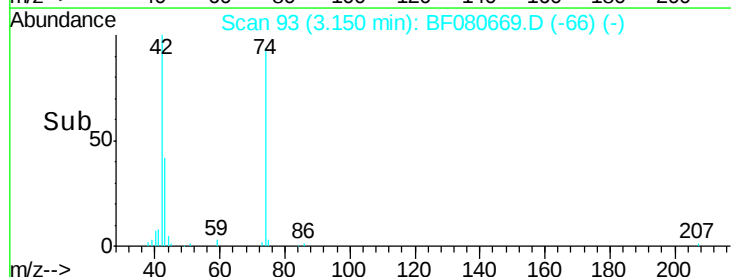
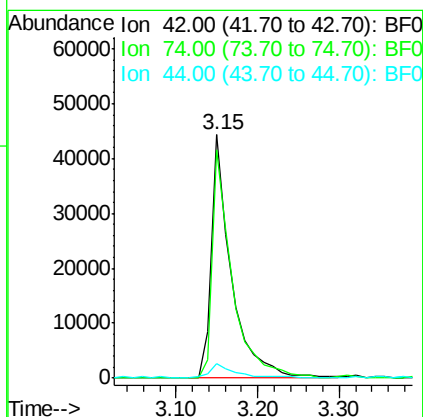
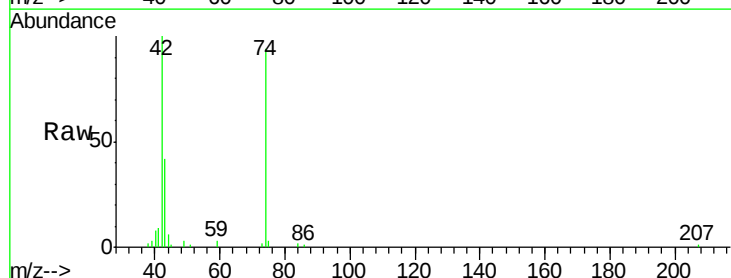
RT: 3.15 min Scan# 93

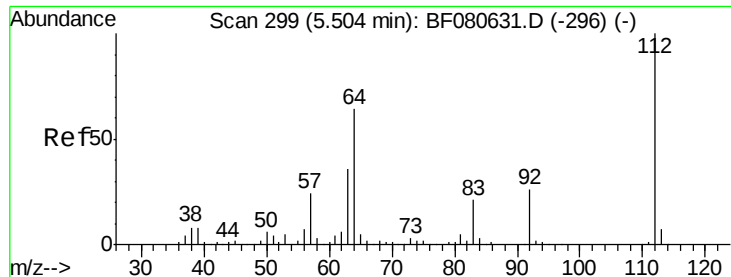
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	42	Resp:	76606
Ion Ratio	Lower	Upper	
42	100		
74	93.8	77.8	116.6
44	6.0	6.2	9.4#





#5

2-Fluorophenol

Concen: 75.89 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

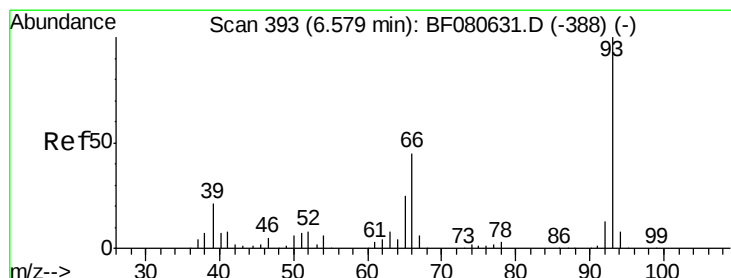
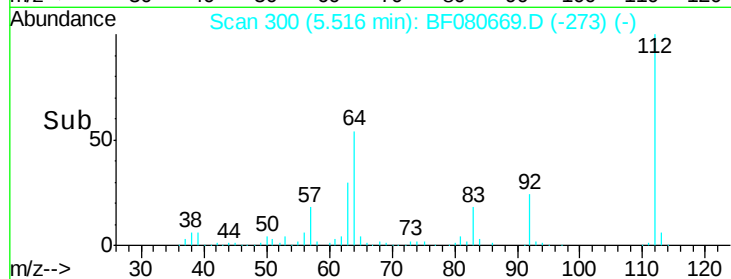
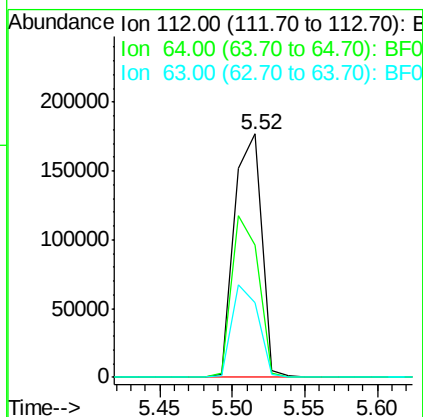
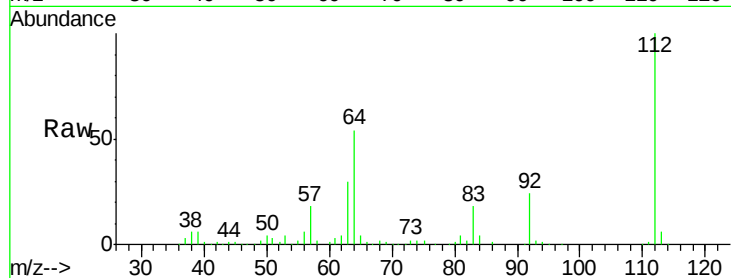
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	231619
Ion Ratio	Lower	Upper	
112	100		
64	54.3	51.2	76.8
63	30.4	29.0	43.6

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#6

Aniline

Concen: 36.89 ng

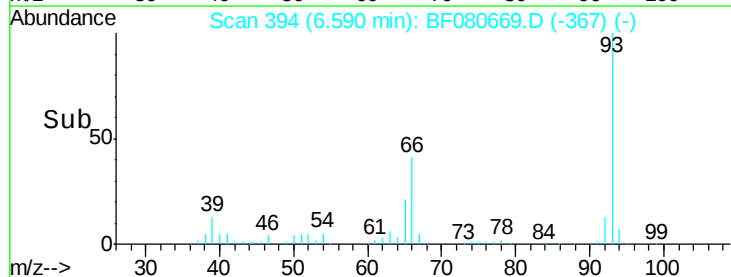
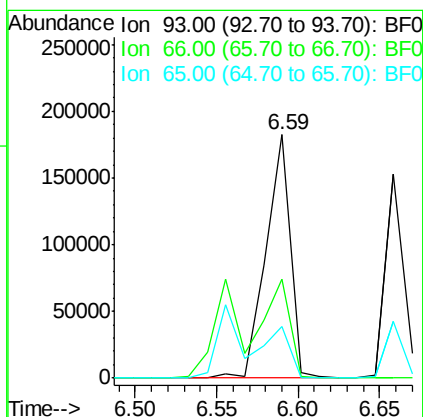
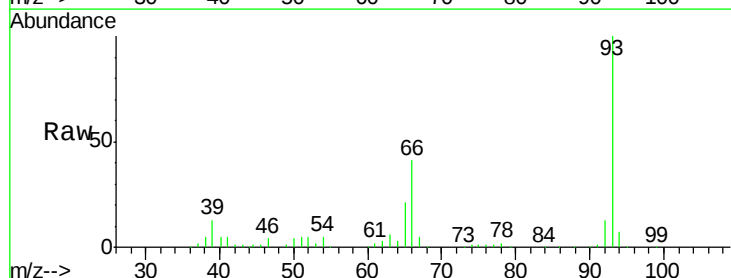
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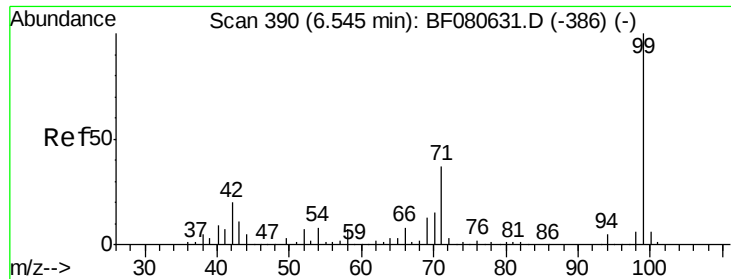
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	93	Resp:	190300
Ion Ratio	Lower	Upper	
93	100		
66	40.7	36.3	54.5
65	21.0	19.9	29.9





#7

Phenol-d6

Concen: 75.35 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

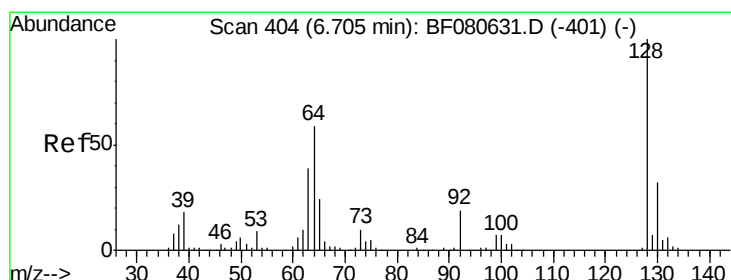
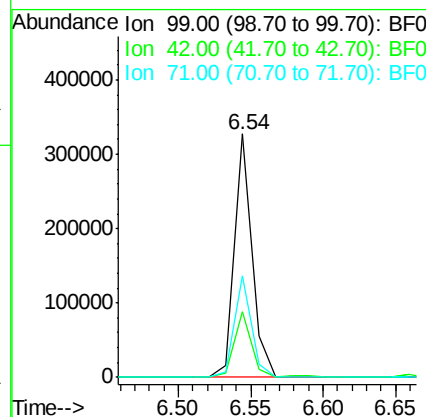
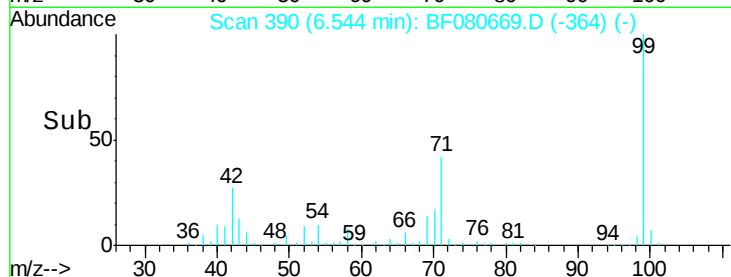
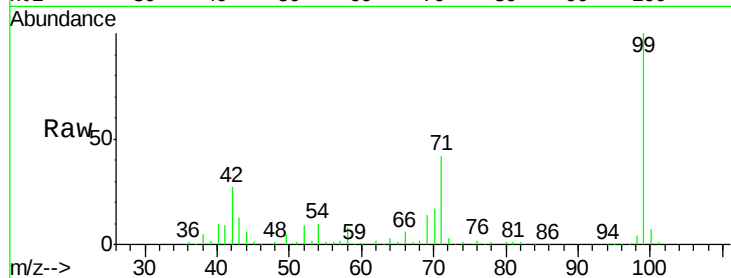
SSTDCCC040EC

Tgt Ion: 99 Resp: 274695

Ion	Ratio	Lower	Upper
99	100		
42	26.8	16.3	24.5#
71	41.8	29.7	44.5

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#8

2-Chlorophenol

Concen: 35.94 ng

RT: 6.72 min Scan# 405

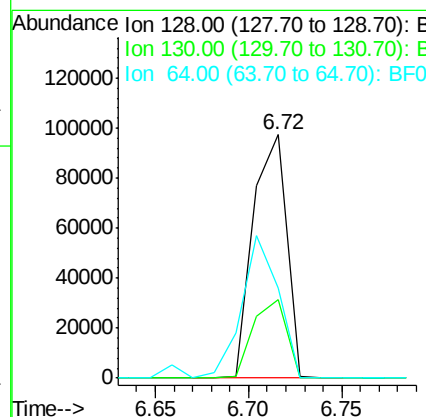
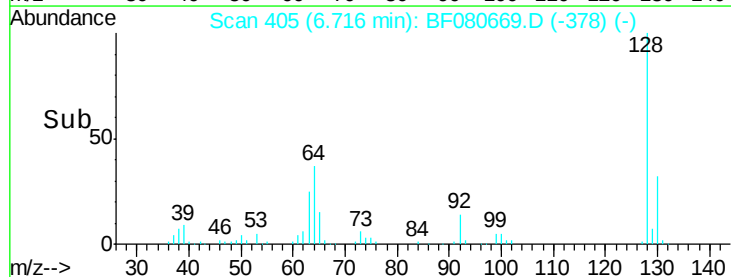
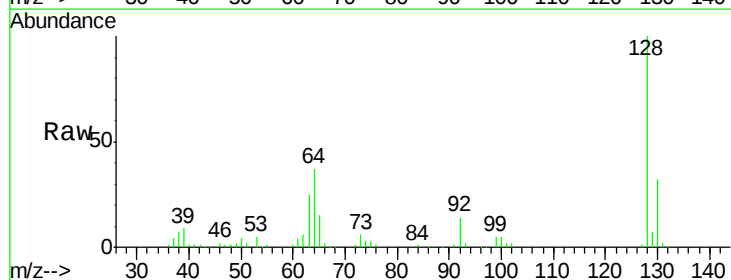
Delta R.T. 0.01 min

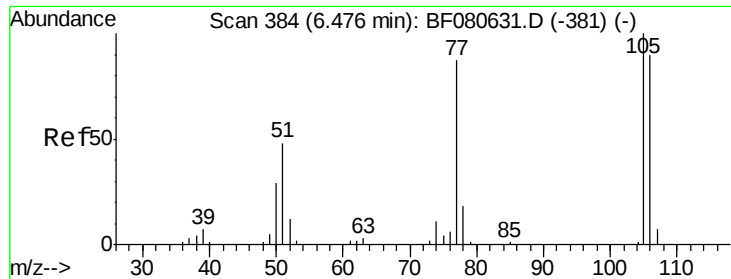
Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion: 128 Resp: 120481

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	37.1	38.9	78.9#





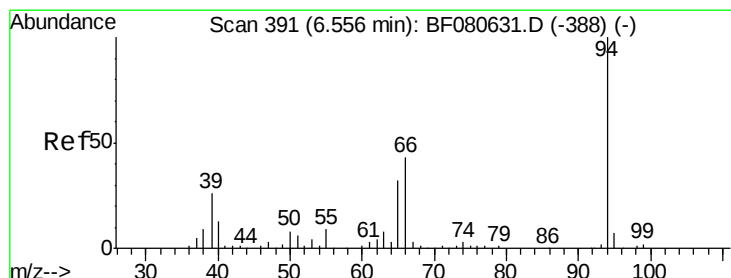
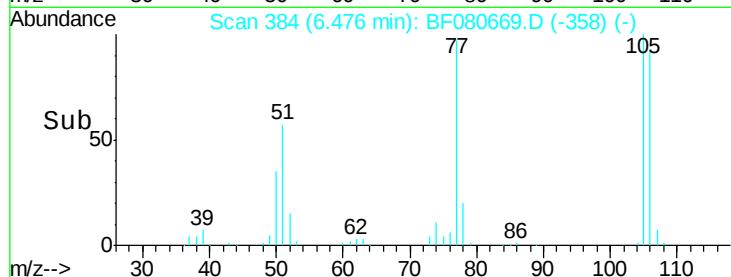
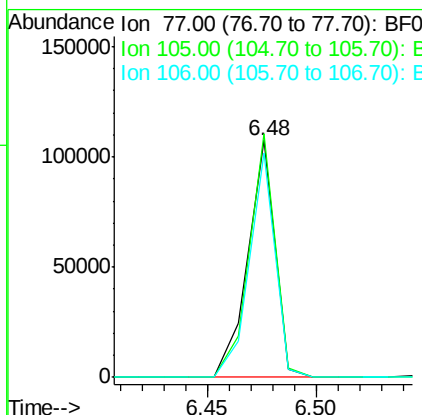
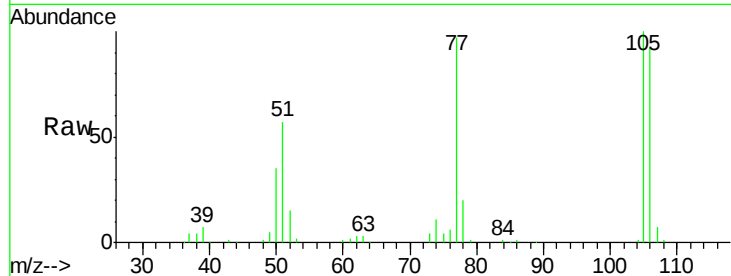
#9
Benzaldehyde
Concen: 39.17 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

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BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 93271
Ion Ratio Lower Upper
77 100
105 102.9 94.7 134.7
106 94.9 83.4 123.4

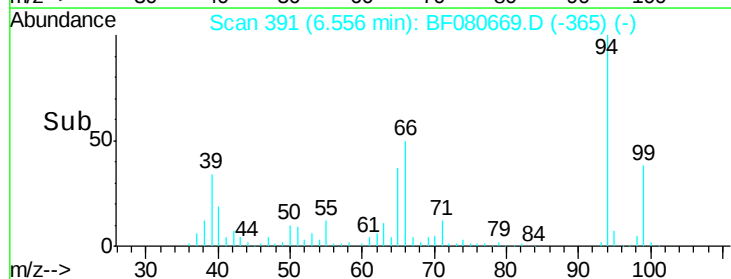
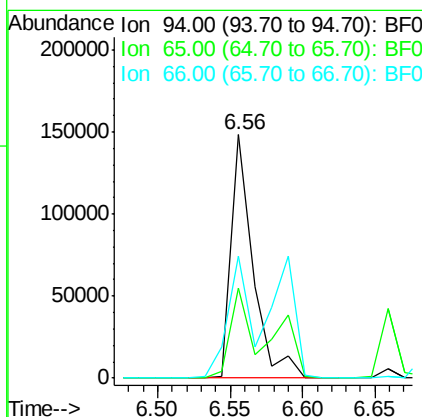
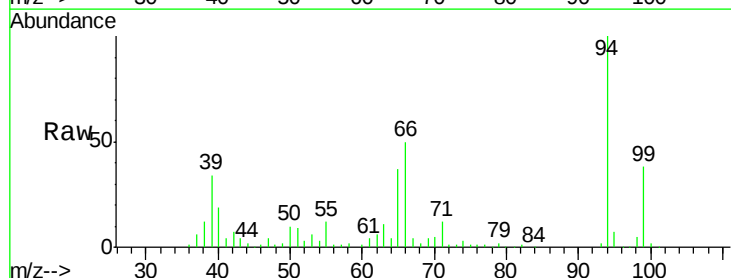
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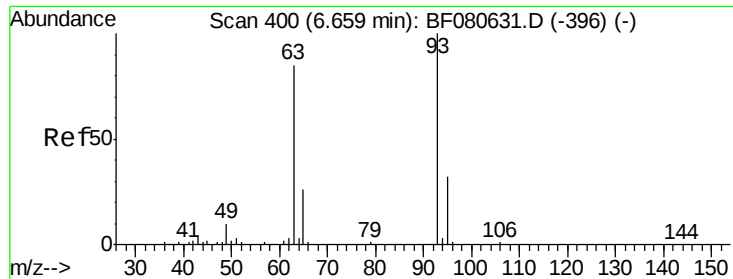
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#10
Phenol
Concen: 35.18 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion: 94 Resp: 155298
Ion Ratio Lower Upper
94 100
65 37.0 12.5 52.5
66 50.2 22.8 62.8





#11

bis(2-Chloroethyl)ether

Concen: 36.41 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

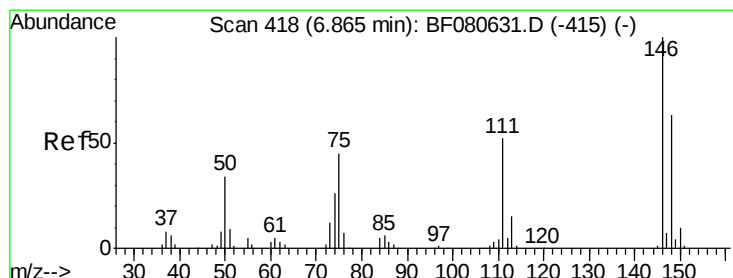
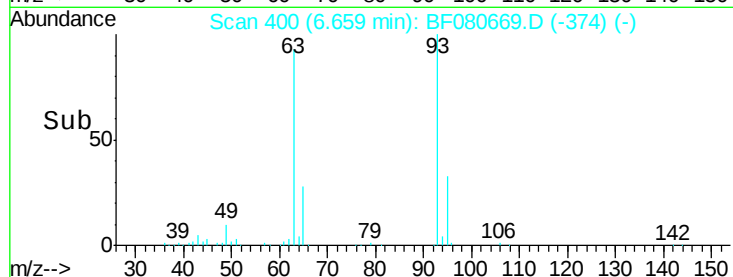
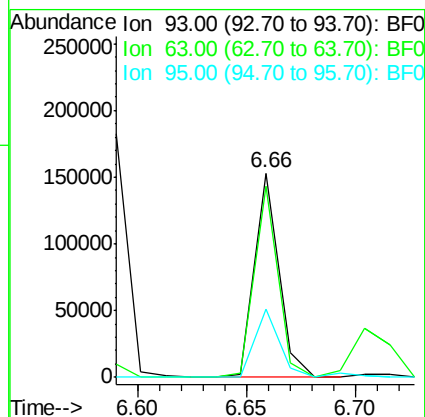
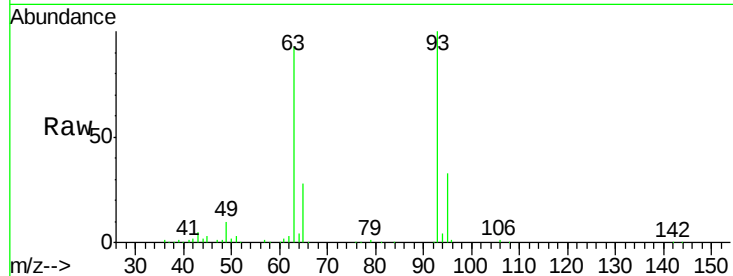
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	93	Resp:	118218
Ion Ratio	Lower	Upper	
93	100		
63	93.2	65.1	105.1
95	33.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 39.01 ng m

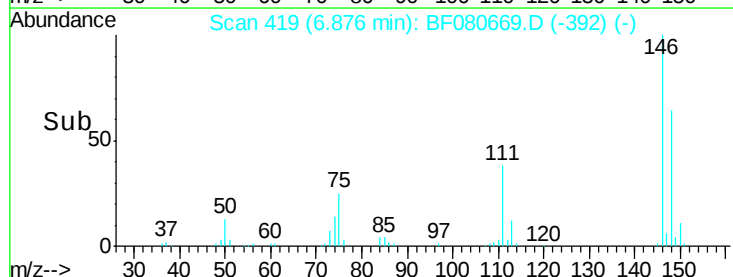
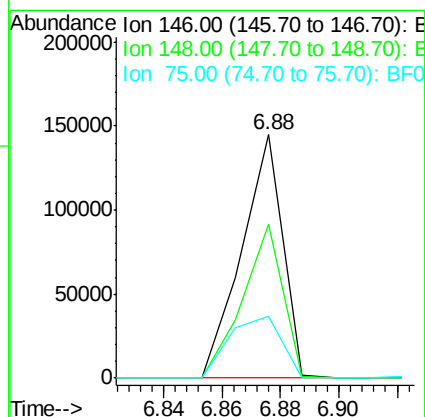
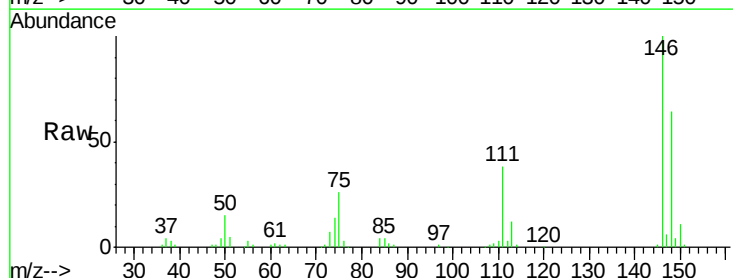
RT: 6.88 min Scan# 419

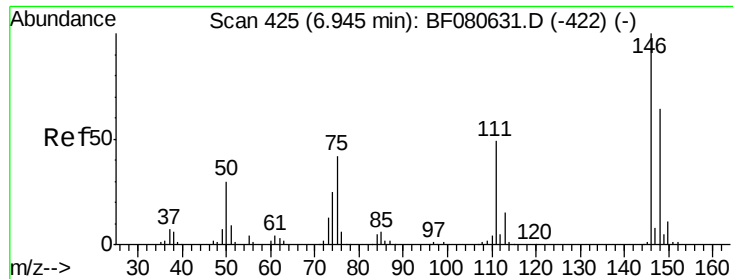
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	146	Resp:	141222
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.2
75	25.6	36.3	54.5#





#13

1,4-Dichlorobenzene

Concen: 35.65 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

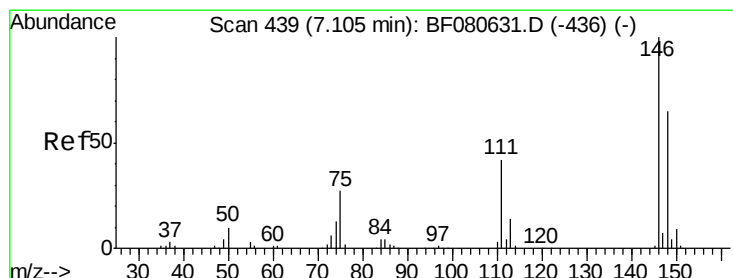
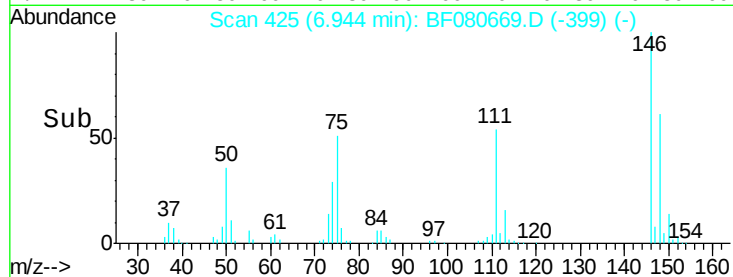
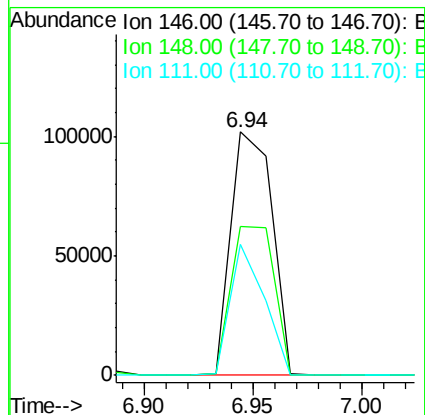
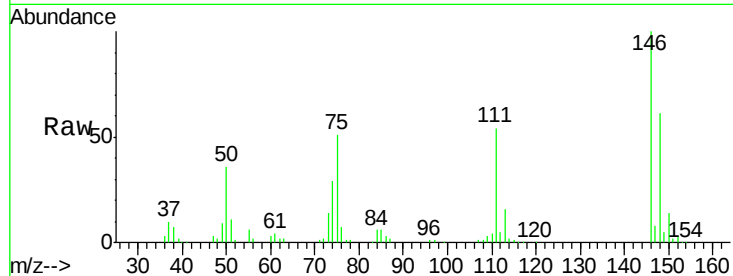
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	133660
Ion Ratio	Lower	Upper	
146	100		
148	61.0	51.4	77.2
111	53.6	39.5	59.3

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#14

1,2-Dichlorobenzene

Concen: 37.35 ng

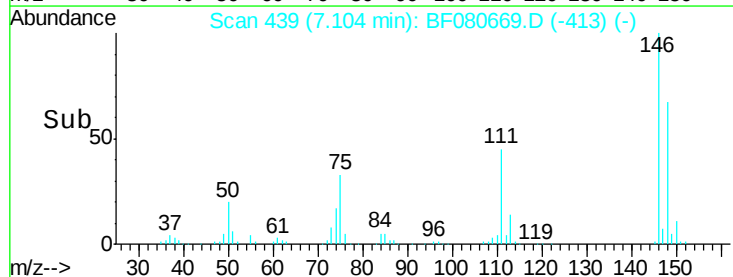
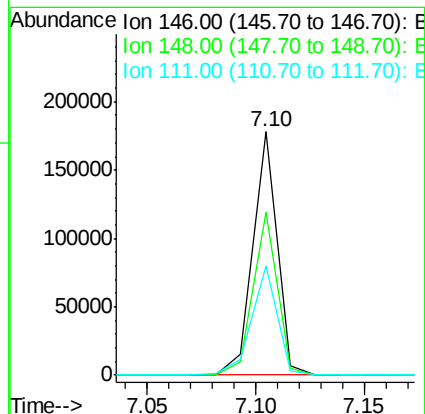
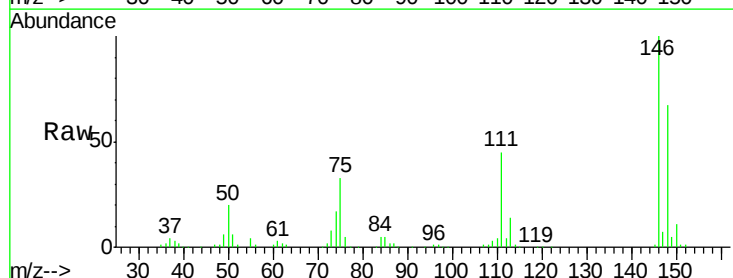
RT: 7.10 min Scan# 439

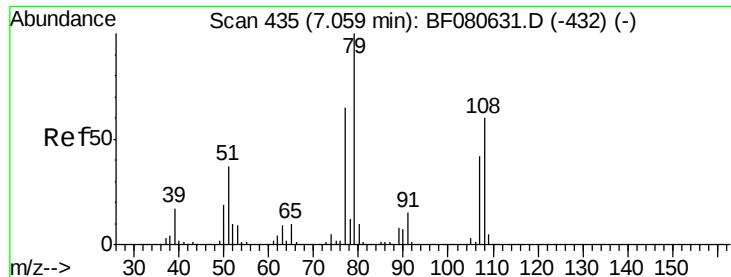
Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	146	Resp:	137725
Ion Ratio	Lower	Upper	
146	100		
148	67.1	51.6	77.4
111	45.1	33.4	50.0





#15

Benzyl Alcohol

Concen: 40.53 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 122755

Ion Ratio Lower Upper

79 100

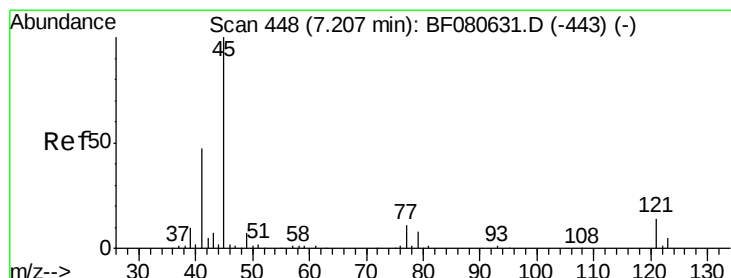
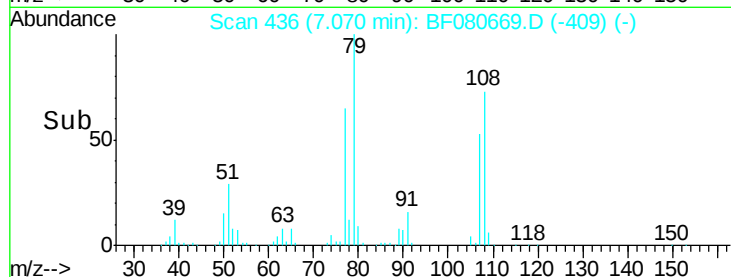
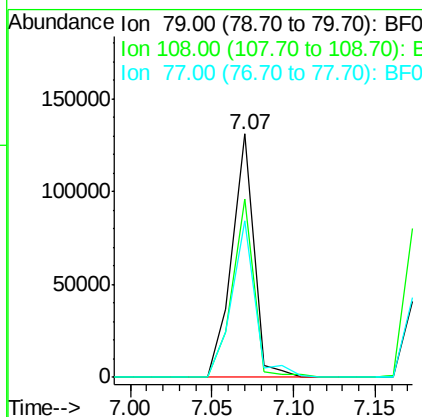
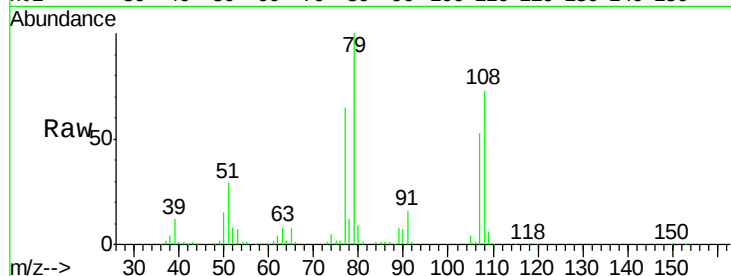
108 73.3 47.8 71.8#

77 64.5 51.6 77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.62 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

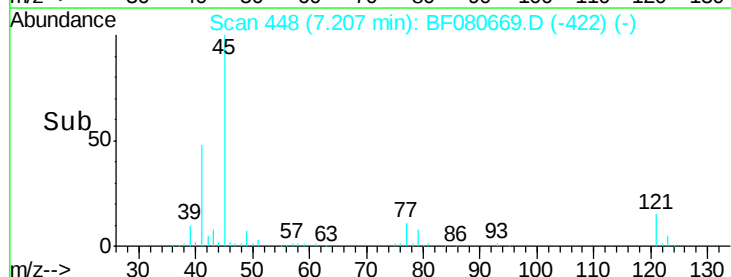
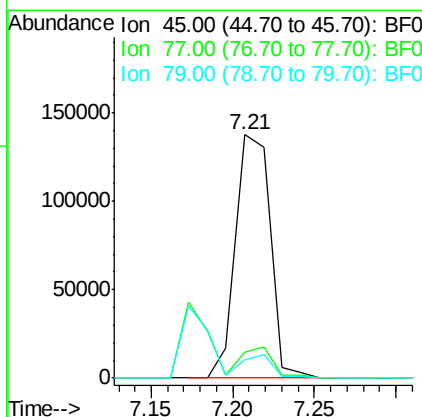
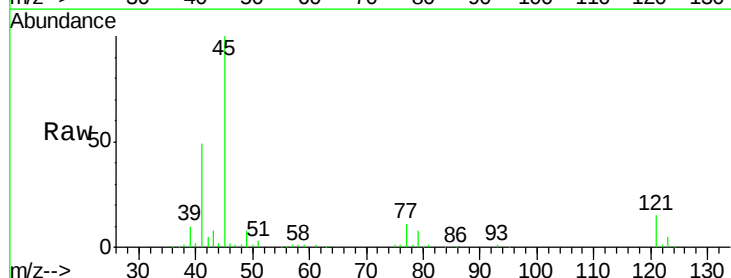
Tgt Ion: 45 Resp: 201971

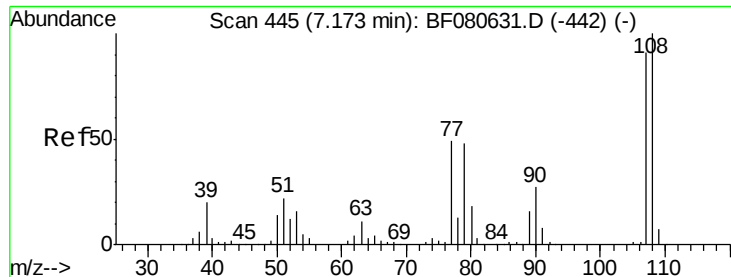
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.0

79 7.5 0.0 27.8





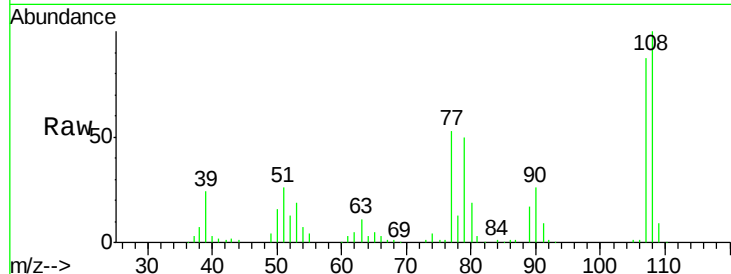
#17
2-Methylphenol
Concen: 34.71 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	92529
Ion Ratio	Lower	Upper	
107	100		
108	114.6	88.4	132.6
77	61.2	43.0	64.4
79	57.9	42.2	63.2

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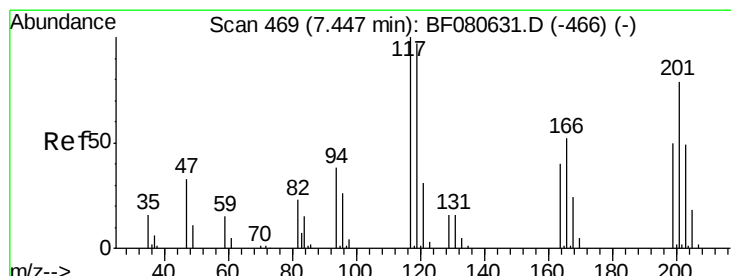
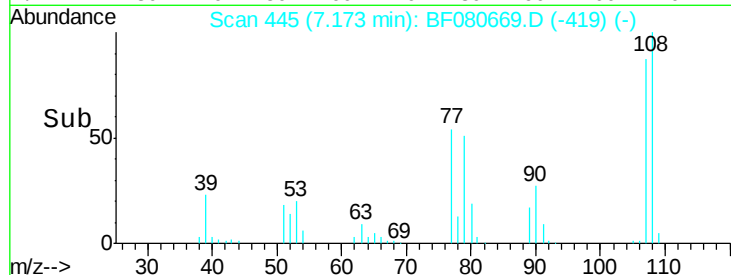
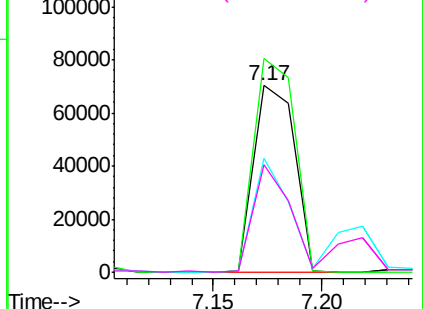
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 33.84 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

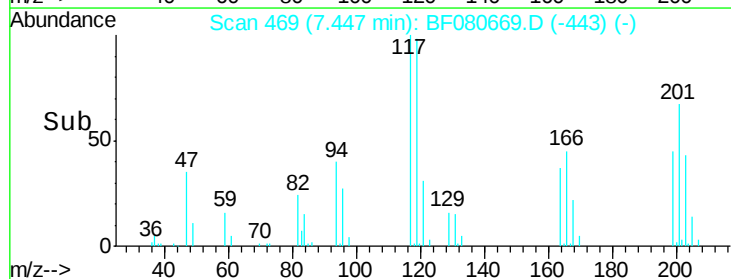
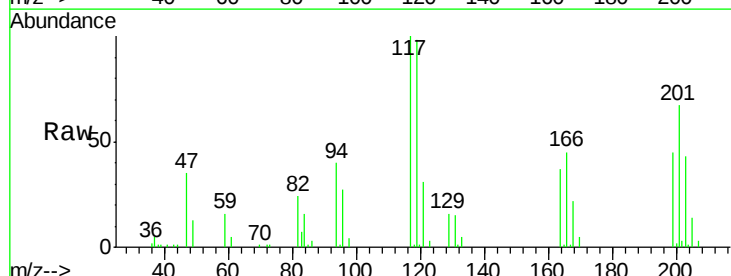
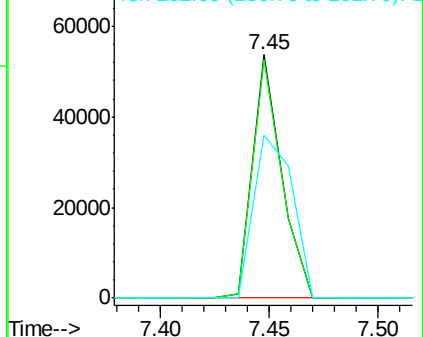
Tgt Ion:	117	Resp:	49613
Ion Ratio	Lower	Upper	
117	100		
119	98.2	77.4	116.2
201	66.8	62.9	94.3

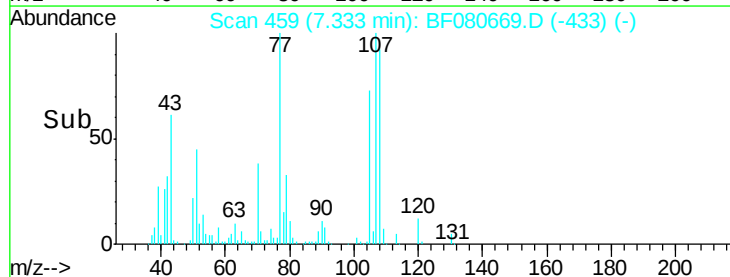
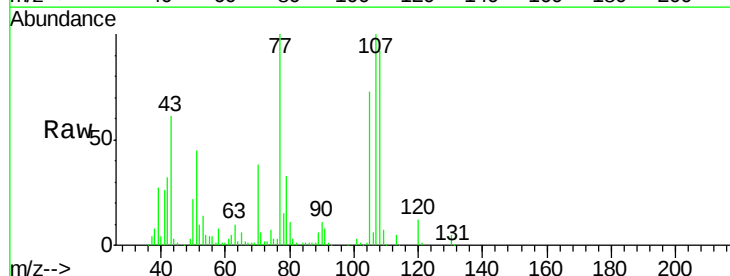
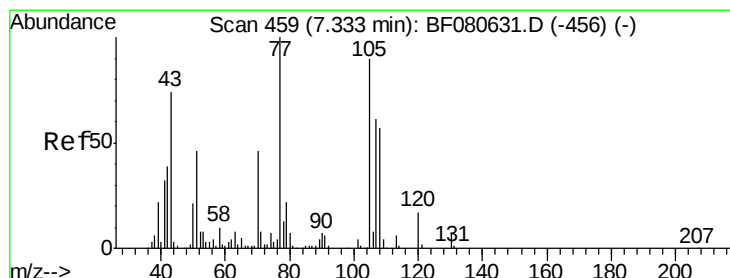
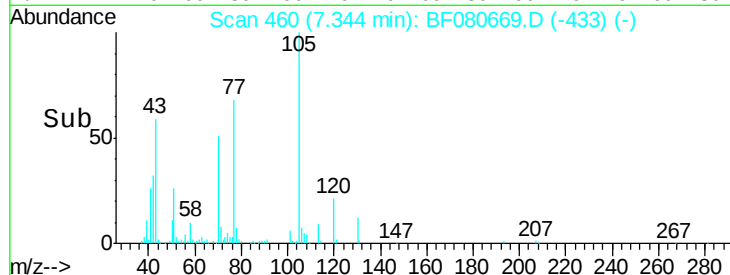
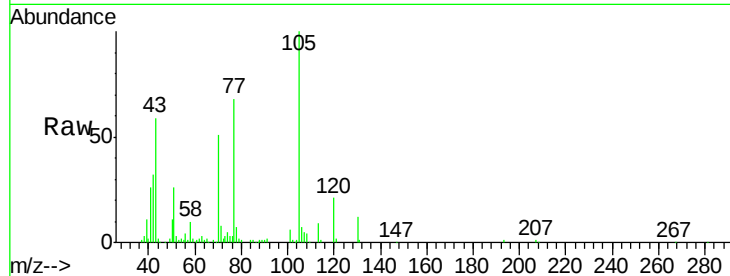
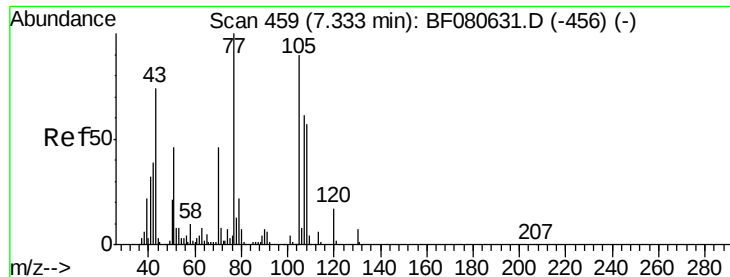
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





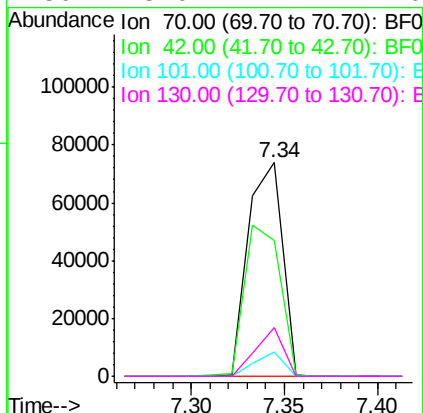
#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.4	67.8	101.8#
101	11.4	6.6	9.8#
130	23.0	11.4	17.0#

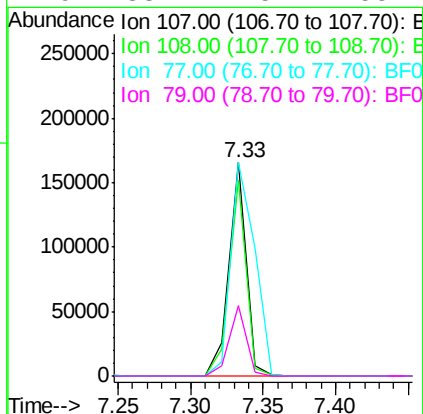
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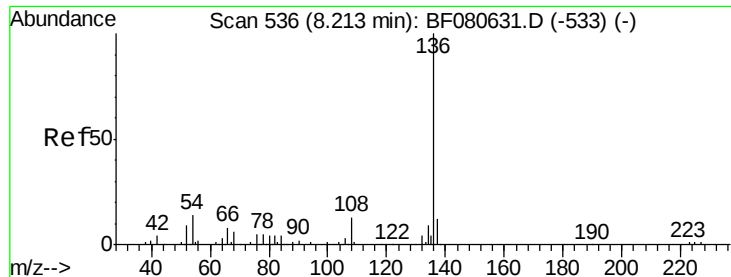
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#20
3+4-Methylphenols
Concen: 39.85 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	73.5	113.5
77	100.1	142.7	182.7#
79	33.2	15.7	55.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF080669.D

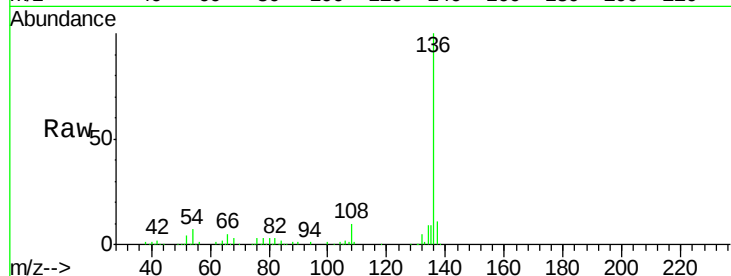
Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 179766

Ion Ratio Lower Upper

136 100

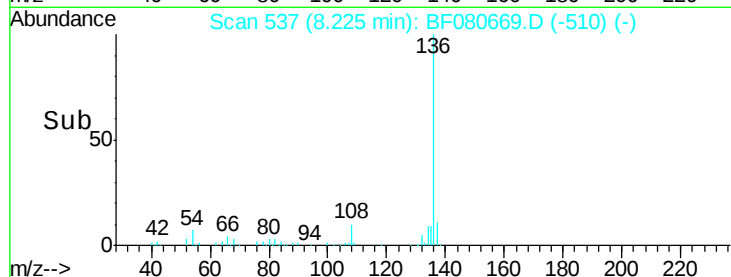
137 10.6 9.3 13.9

54 6.8 11.6 17.4#

68 3.4 5.0 7.4#

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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

8.22

250000

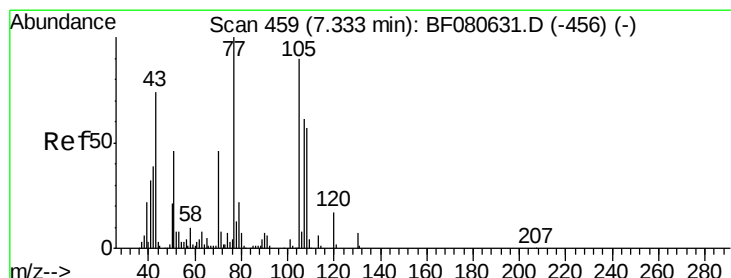
200000

150000

100000

50000

0



#22

Acetophenone

Concen: 39.51 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:105 Resp: 184438

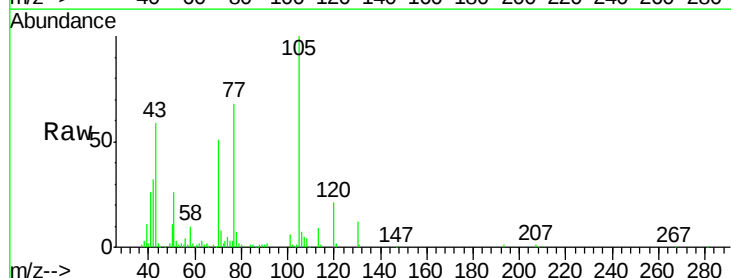
Ion Ratio Lower Upper

105 100

71 8.2 7.2 10.8

51 26.2 40.8 61.2#

120 20.9 15.3 22.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->

7.34

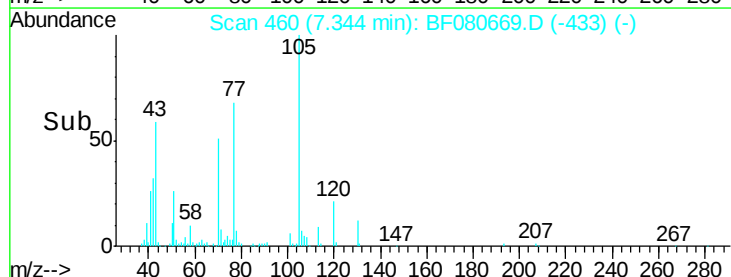
200000

150000

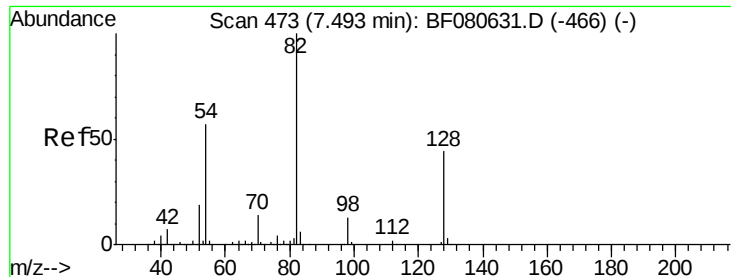
100000

50000

0



Time-->



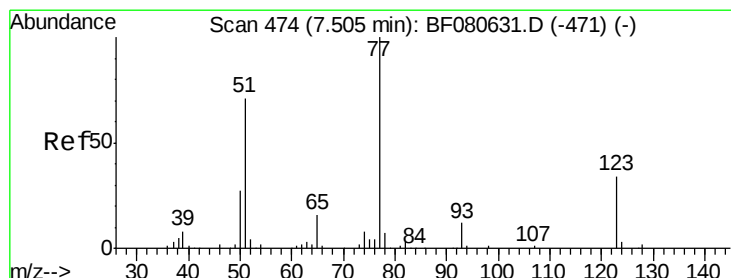
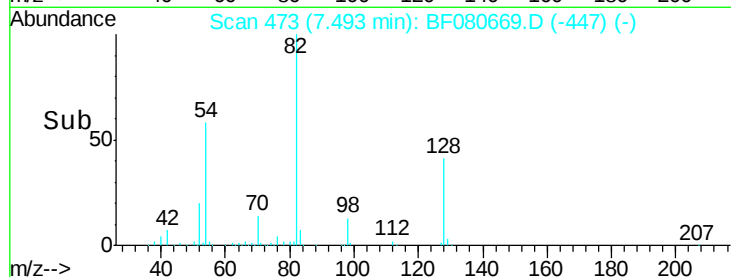
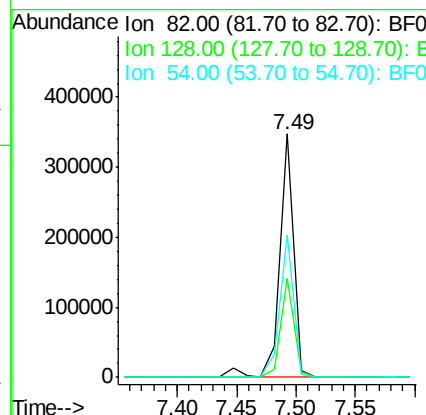
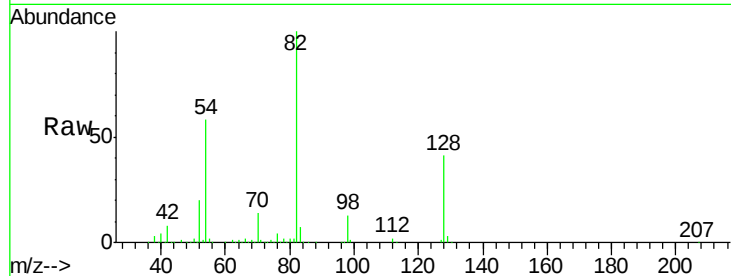
#23
 Nitrobenzene-d5
 Concen: 80.40 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.8	52.2
54	58.4	45.4	68.0

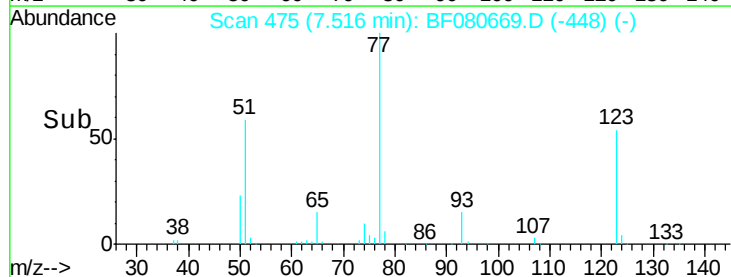
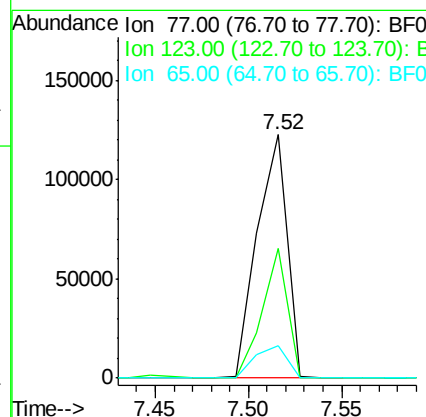
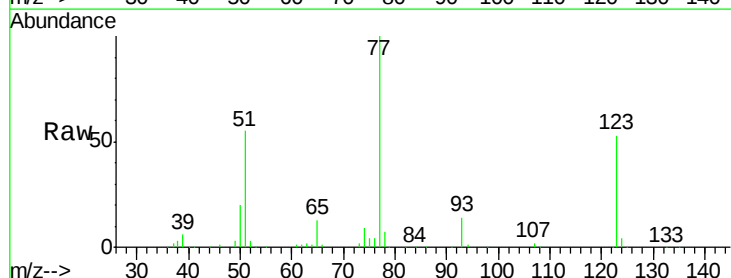
Manual Integrations
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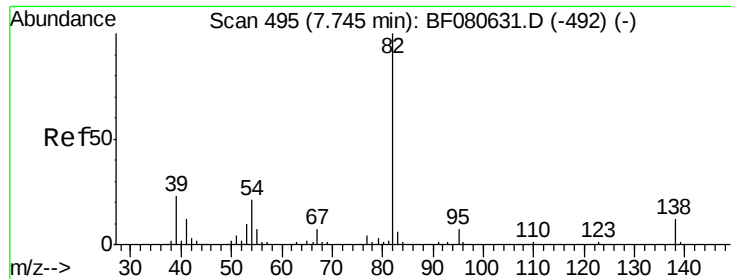
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#24
 Nitrobenzene
 Concen: 38.02 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	27.1	40.7#
65	13.2	12.6	18.8





#25

Isophorone

Concen: 38.83 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

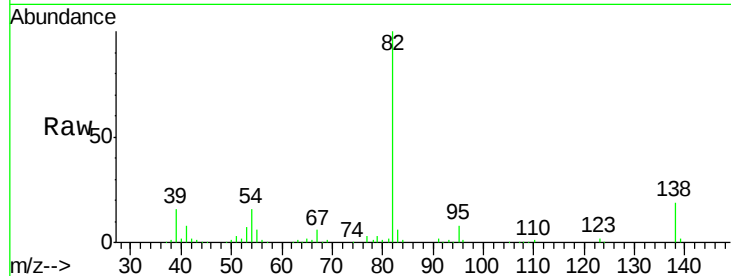
ClientSampleId :

SSTDCCC040EC

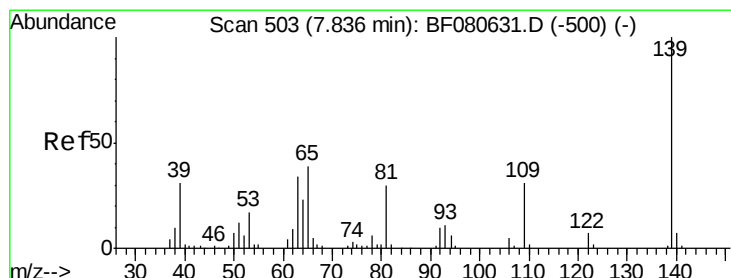
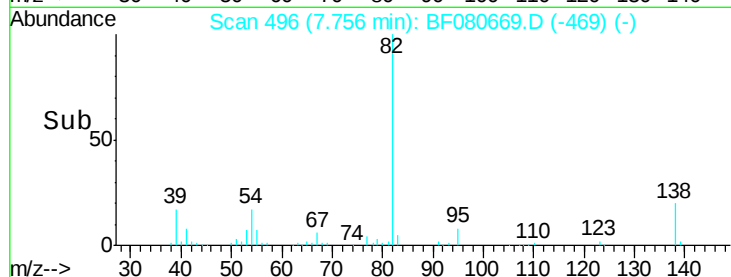
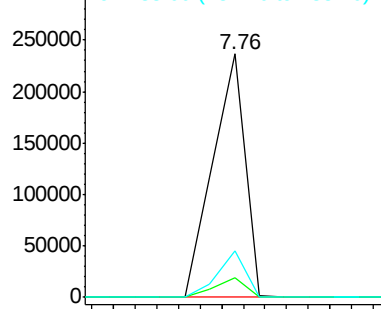
Tgt Ion:	82	Resp:	243786
Ion Ratio		Lower	Upper
82	100		
95	8.0	5.5	8.3
138	19.1	9.7	14.5#

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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): BF0



#26

2-Nitrophenol

Concen: 44.97 ng

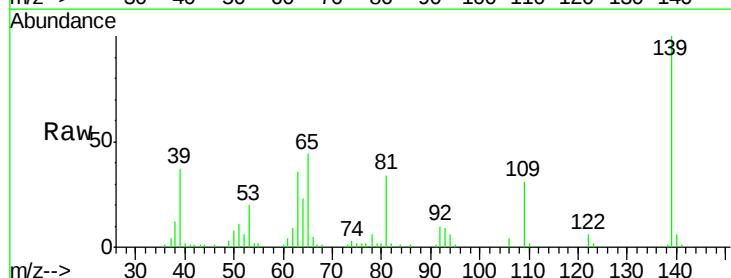
RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

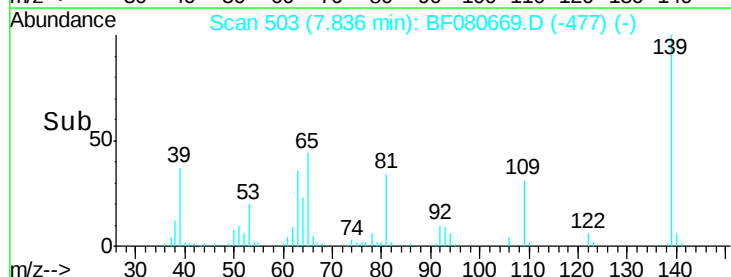
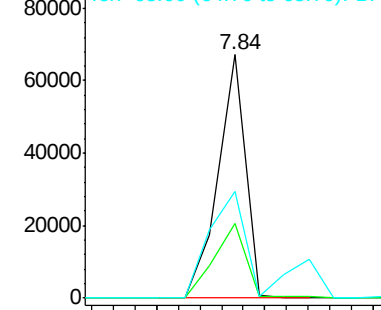
Lab File: BF080669.D

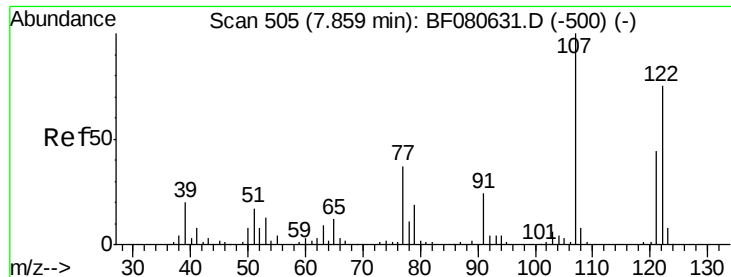
Acq: 25 Jul 2015 14:12

Tgt Ion:	139	Resp:	58541
Ion Ratio		Lower	Upper
139	100		
109	30.7	25.0	37.6
65	43.9	31.4	47.0



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: 41.58 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

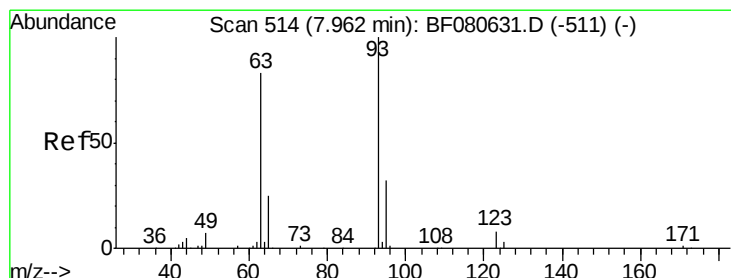
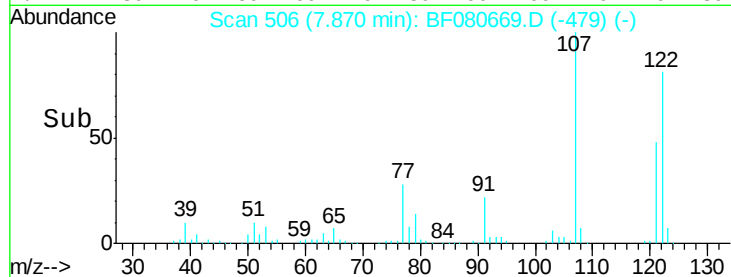
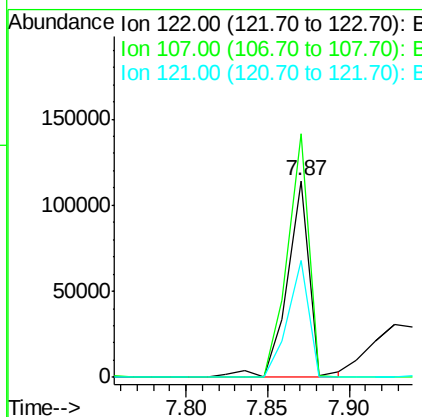
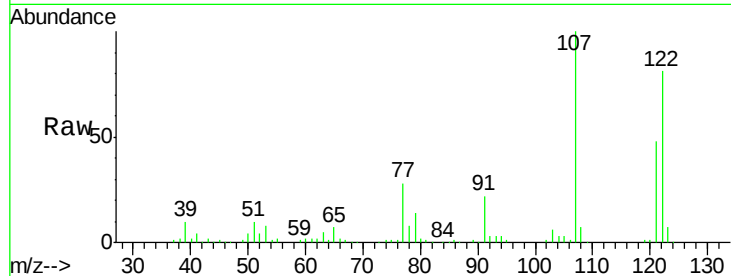
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	108454		
107	123.7	107.4	161.0	
121	59.4	46.8	70.2	

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#28

bis(2-Chloroethoxy)methane

Concen: 37.46 ng

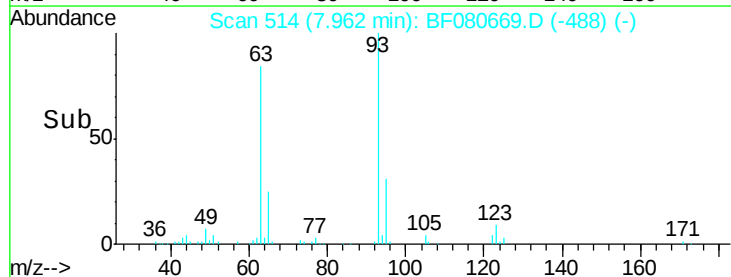
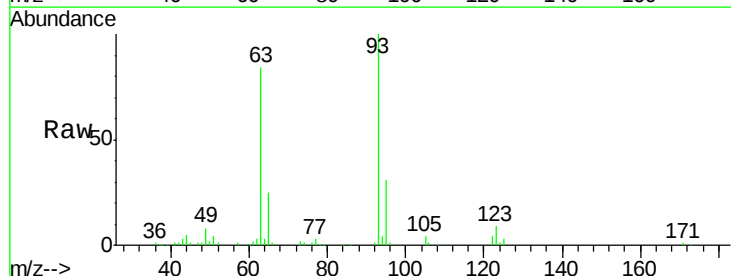
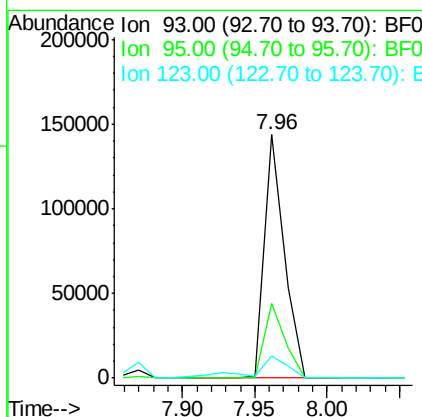
RT: 7.96 min Scan# 514

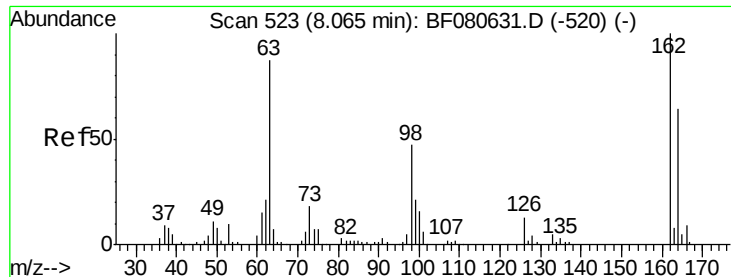
Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	136294		
95	30.7	25.4	38.0	
123	9.4	7.2	10.8	





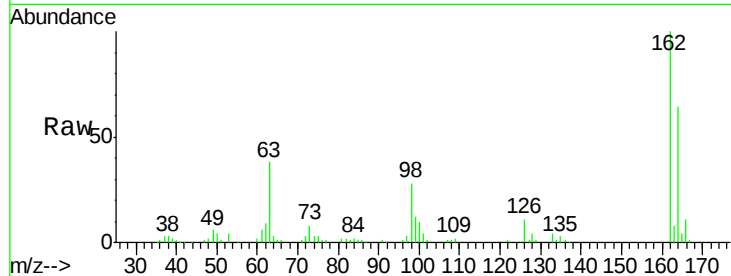
#29
 2,4-Dichlorophenol
 Concen: 37.04 ng
 RT: 8.08 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

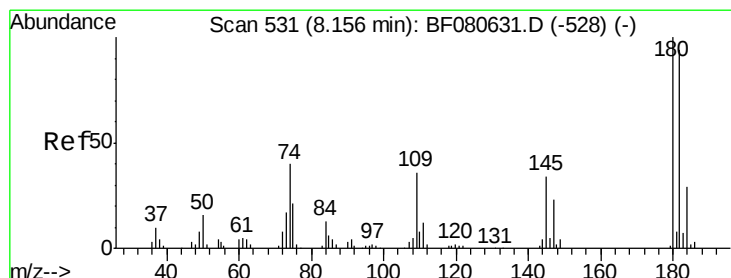
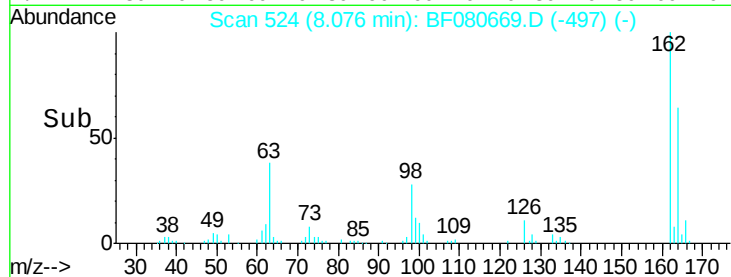
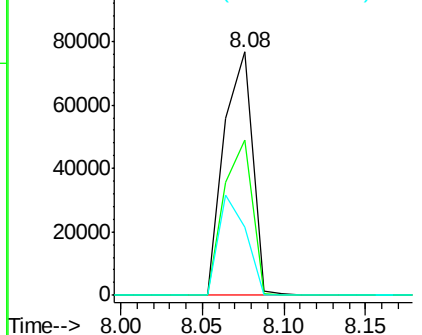
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	92145		
164	63.7	43.9	83.9	
98	28.0	26.5	66.5	

Manual Integrations
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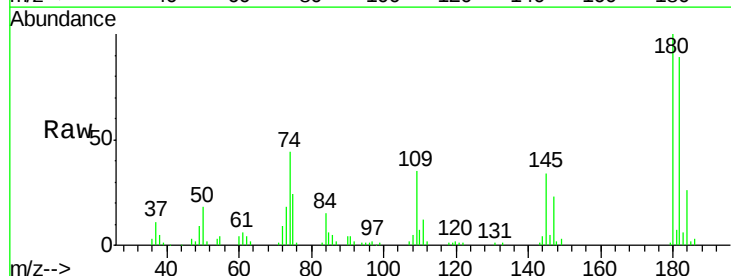


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

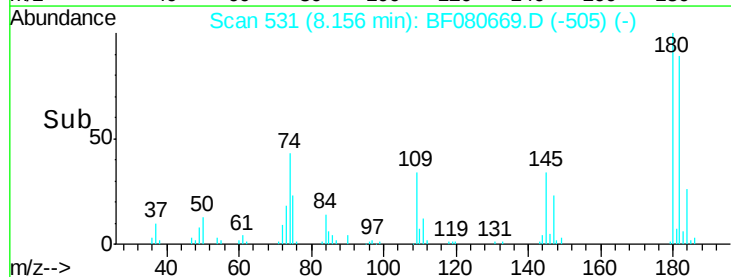
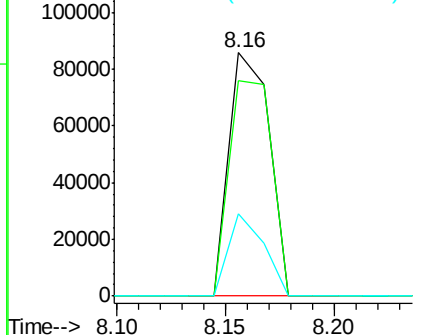


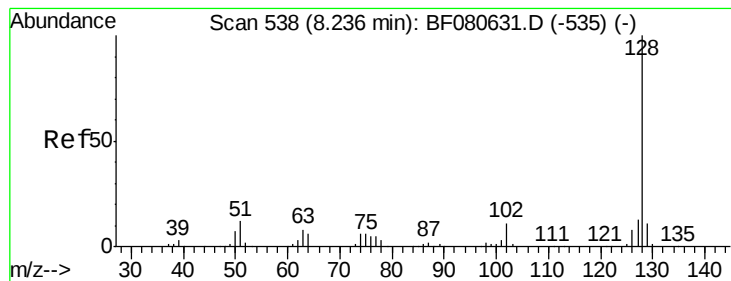
#30
 1,2,4-Trichlorobenzene
 Concen: 37.41 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110403		
182	88.7	75.5	113.3	
145	34.1	27.1	40.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.25 ng

RT: 8.25 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF080669.D

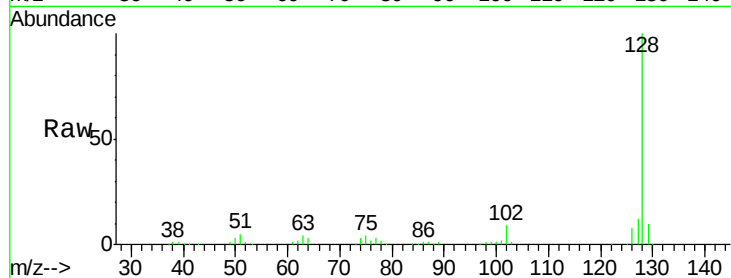
Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

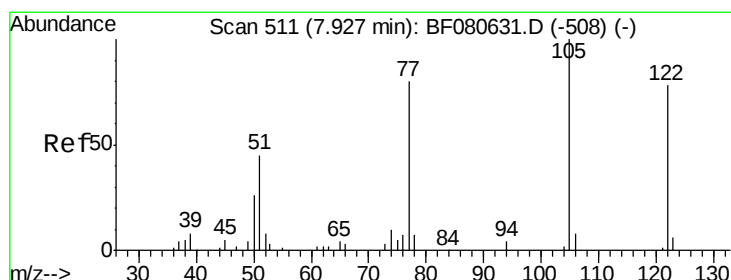
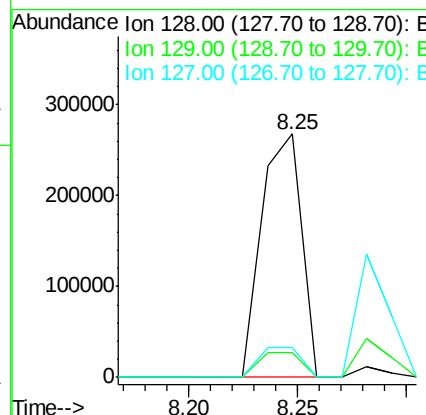
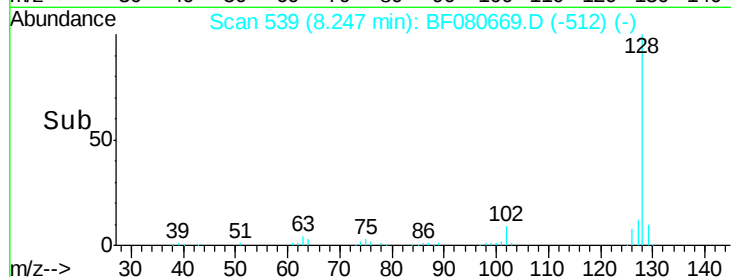
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	344532		
129	10.3	9.0	13.6	
127	12.4	10.6	15.8	

Manual Integrations
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#32

Benzoic acid

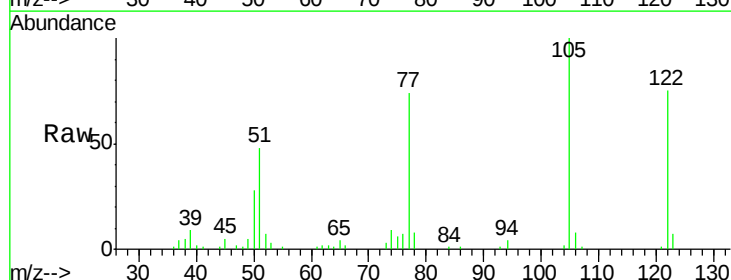
Concen: 48.97 ng

RT: 7.93 min Scan# 511

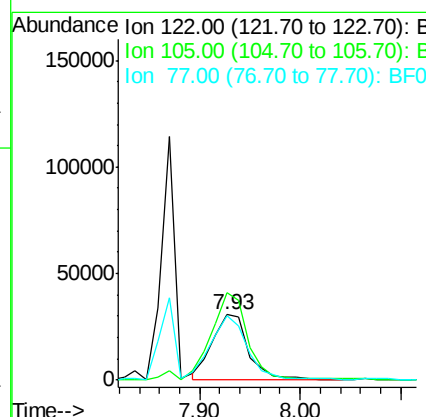
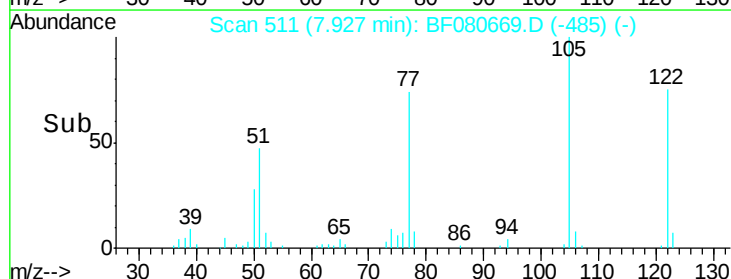
Delta R.T. 0.00 min

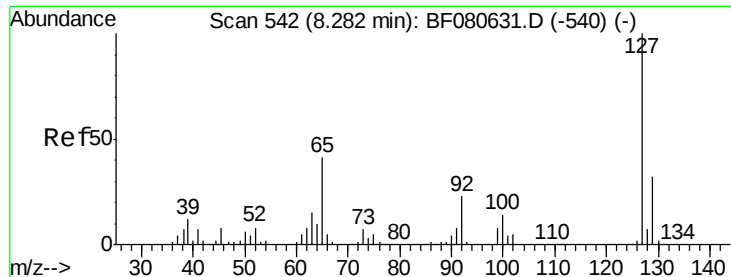
Lab File: BF080669.D

Acq: 25 Jul 2015 14:12



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75396		
105	133.8	107.9	147.9	
77	99.5	84.3	124.3	





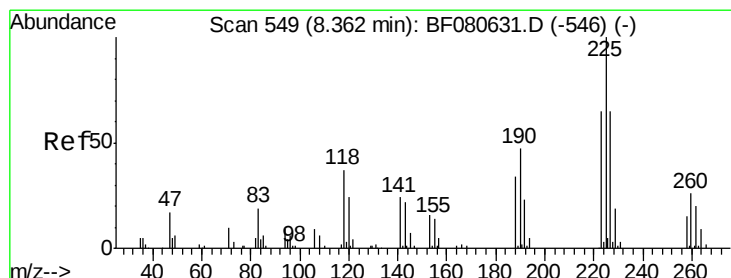
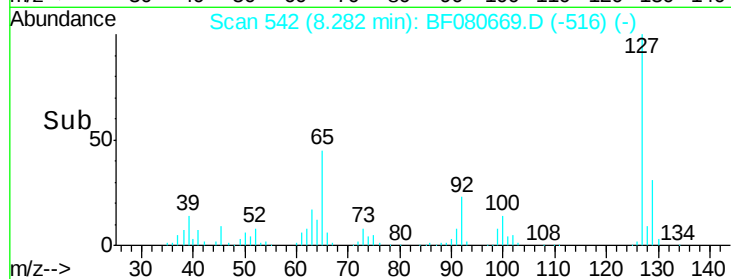
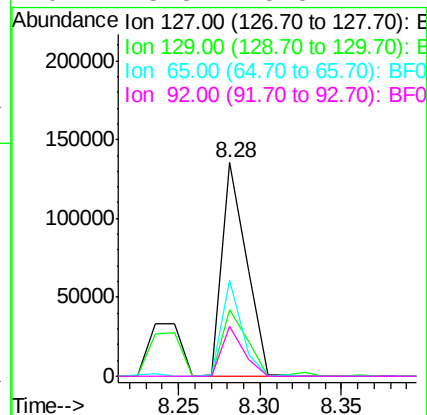
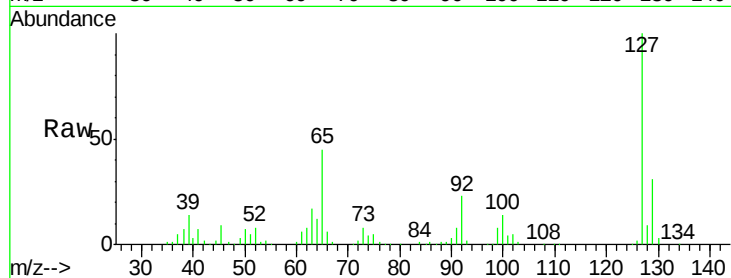
#33
4-Chloroaniline
Concen: 35.47 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.8	38.6	
65	45.2	32.5	48.7	
92	23.3	18.5	27.7	

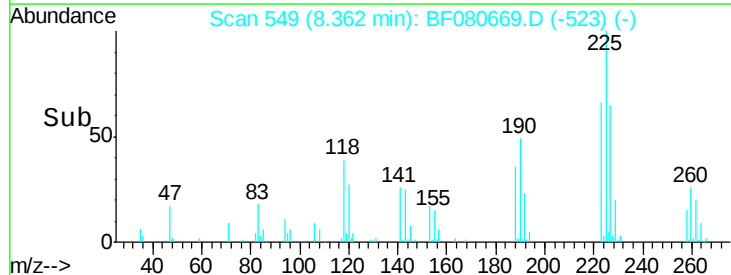
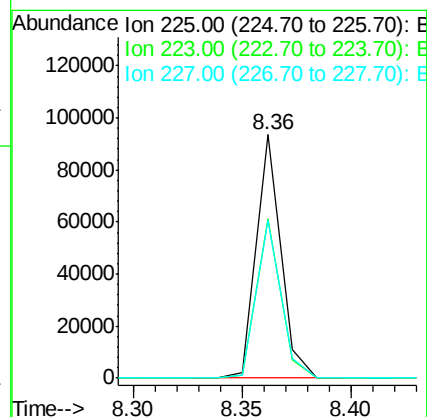
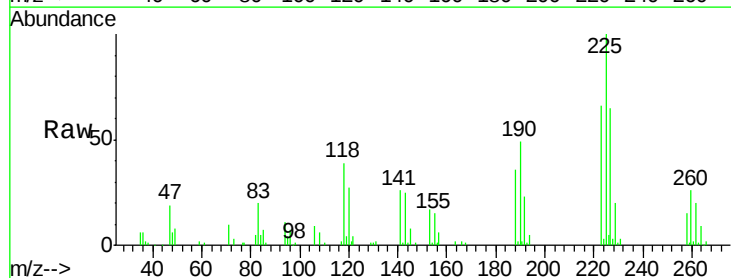
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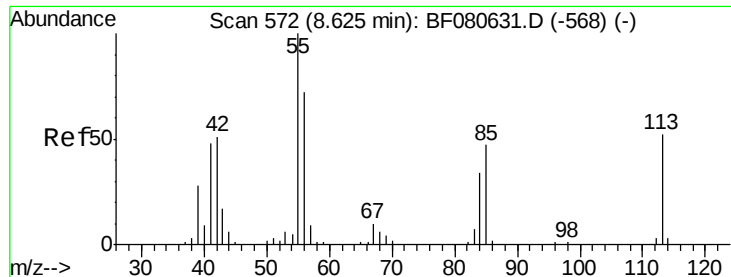
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#34
Hexachlorobutadiene
Concen: 35.92 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.6	51.9	77.9	
227	64.8	51.6	77.4	





#35

Caprolactam

Concen: 40.79 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

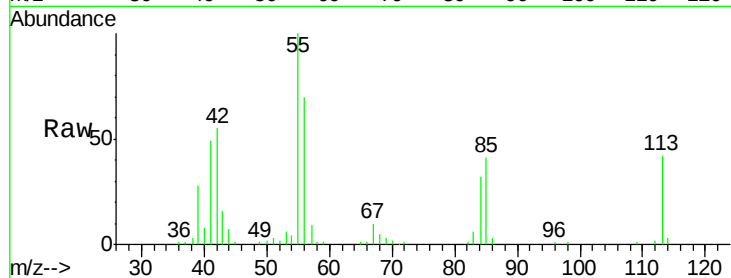
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	239.0	170.7	210.7#
56	168.1	118.2	158.2#

Manual Integrations
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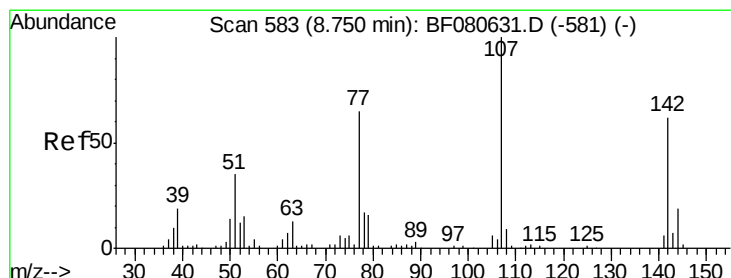
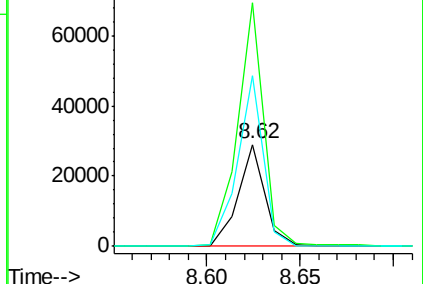
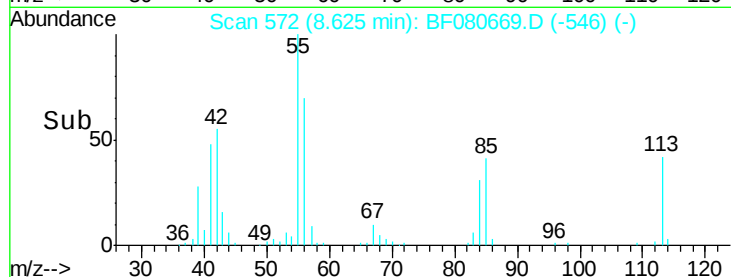
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.88 ng

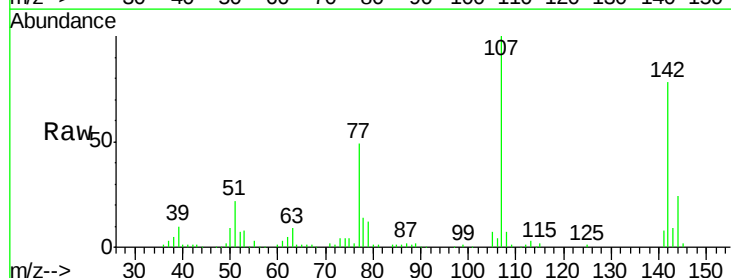
RT: 8.76 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

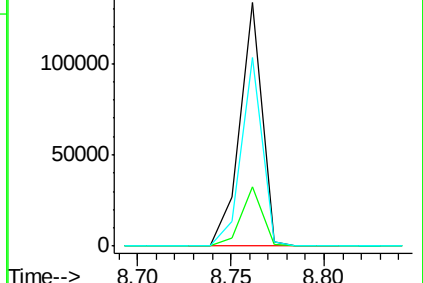
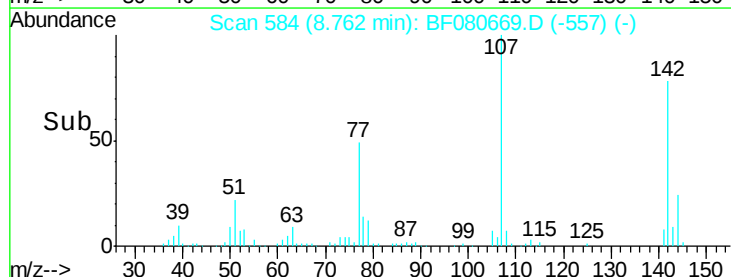
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	15.0	22.6#
142	77.6	49.5	74.3#

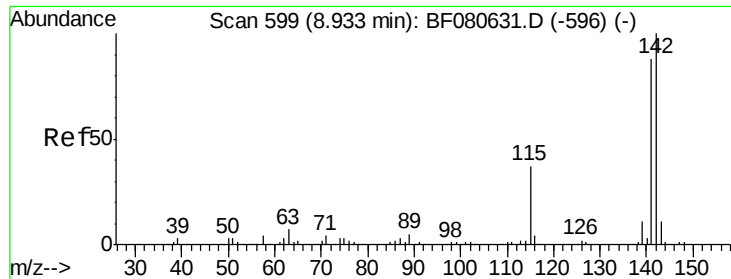


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





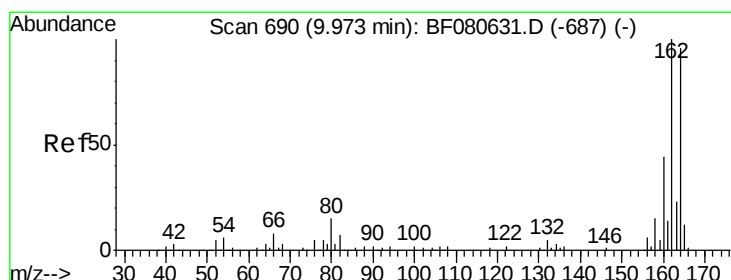
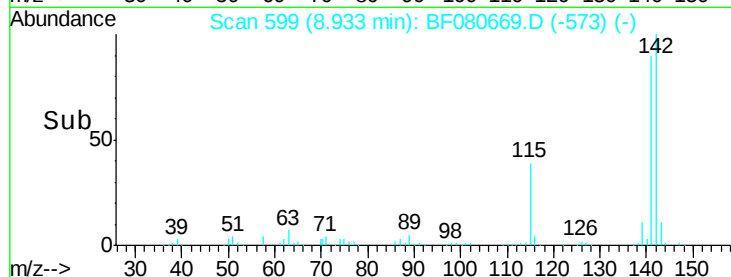
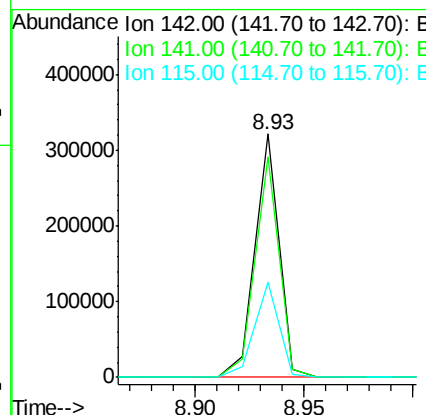
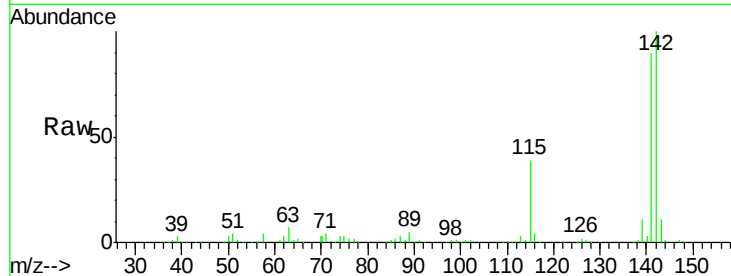
#37
 2-Methylnaphthalene
 Concen: 38.48 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.7	106.1
115	39.3	29.3	43.9

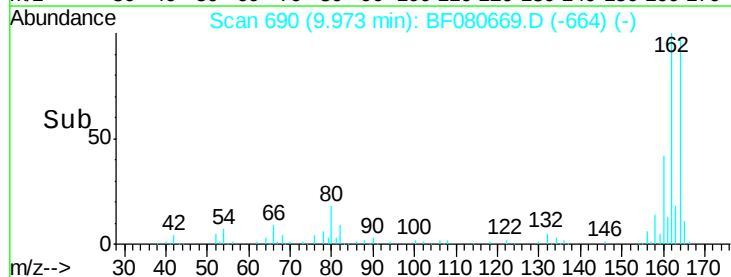
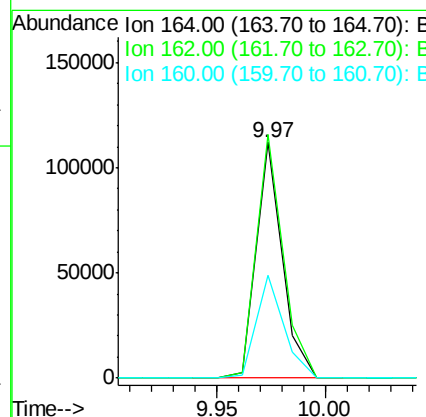
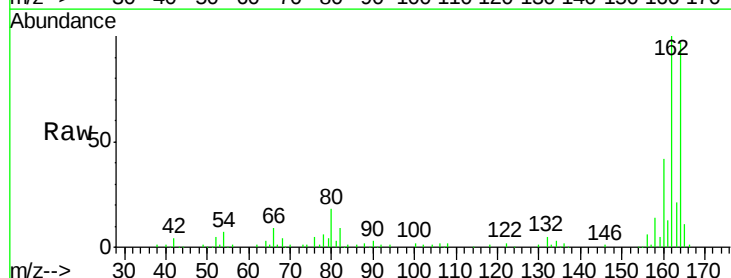
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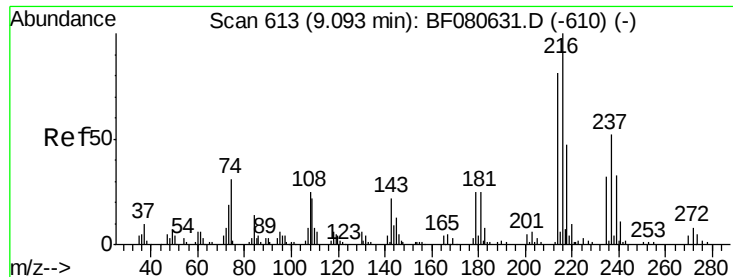
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.3	124.9
160	43.6	36.9	55.3





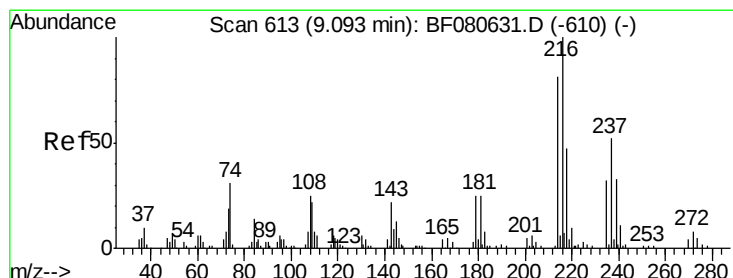
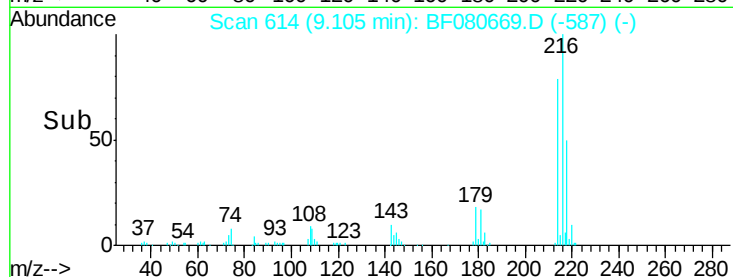
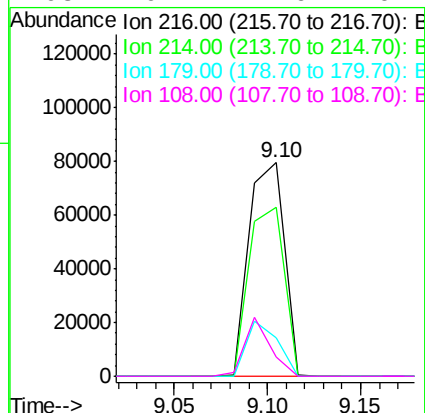
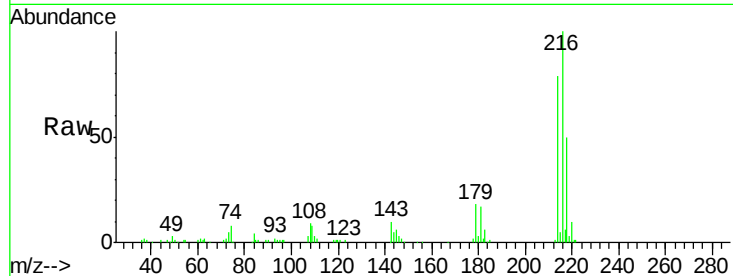
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.03 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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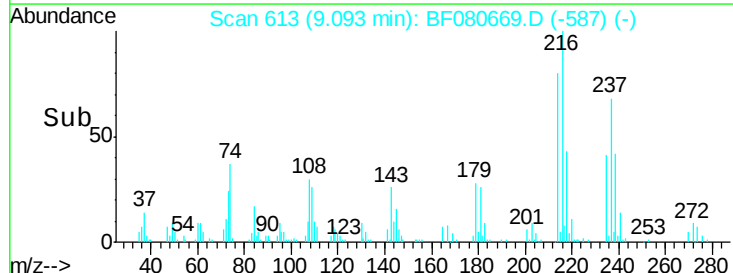
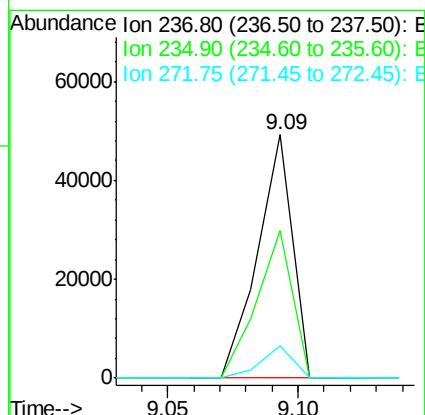
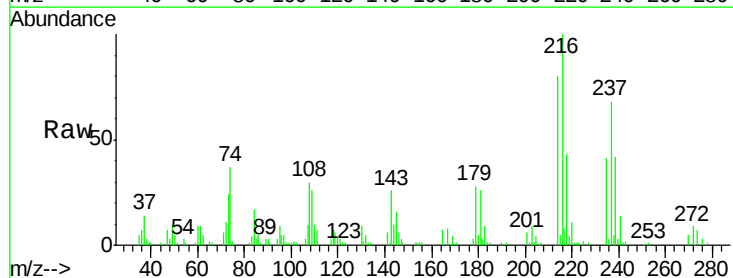
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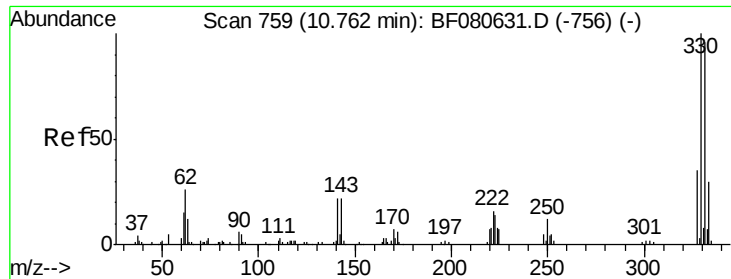
Tgt Ion:	216	Resp:	104505
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.5	93.7
179	22.7	18.7	28.1
108	20.2	17.6	26.4



#40
 Hexachlorocyclopentadiene
 Concen: 28.95 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion:	237	Resp:	46086
Ion Ratio	Lower	Upper	
237	100		
235	60.4	41.6	81.6
272	13.3	0.0	35.0





#41

2,4,6-Tribromophenol

Concen: 87.64 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

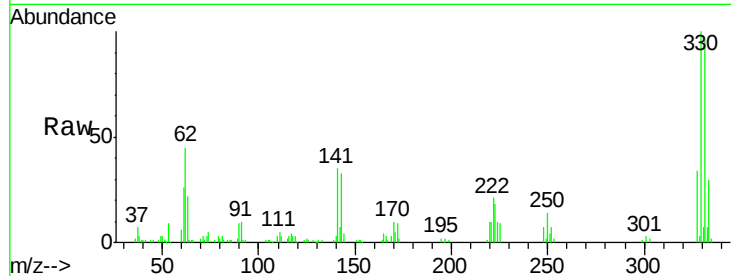
SSTDCCC040EC

Tgt Ion:	330	Resp:	72988
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.7	115.1
141	42.1	32.7	49.1

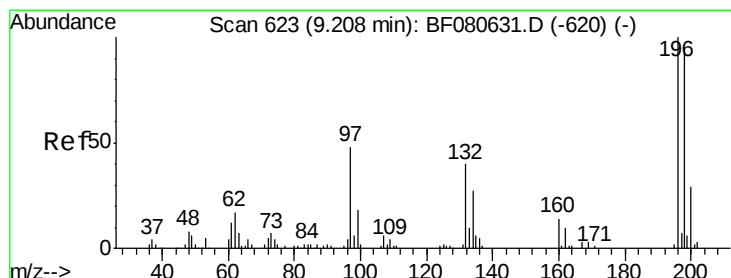
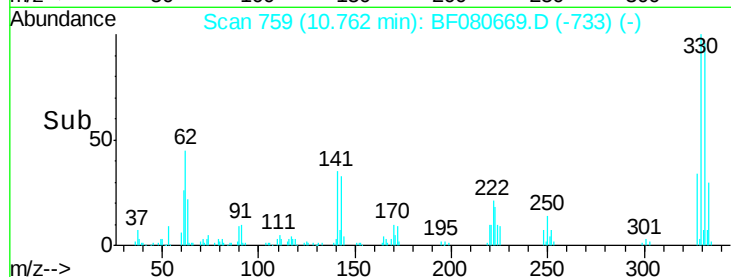
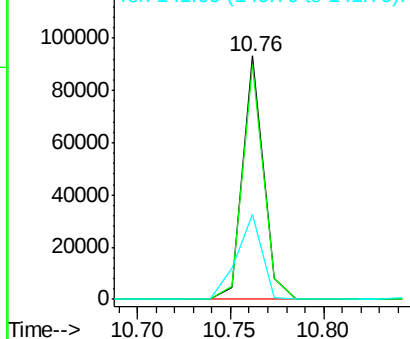
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.22 ng

RT: 9.21 min Scan# 623

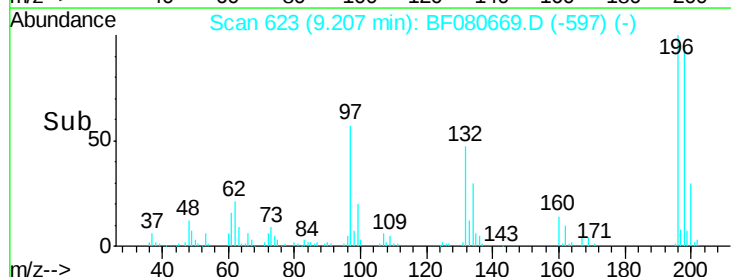
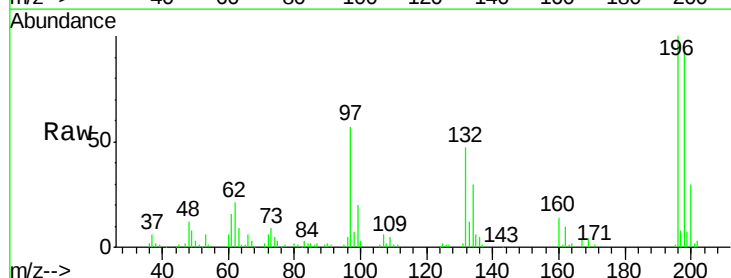
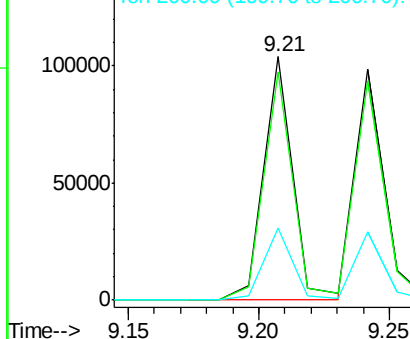
Delta R.T. -0.00 min

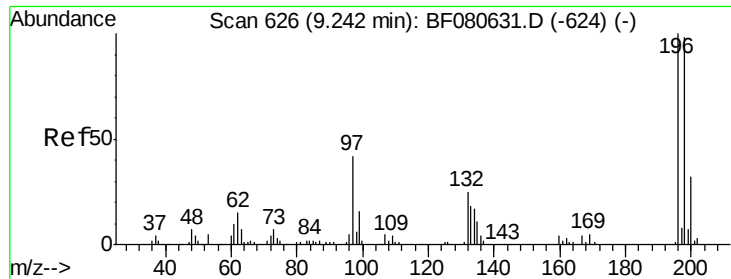
Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	196	Resp:	80766
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.8	113.8
200	29.8	23.5	35.3

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





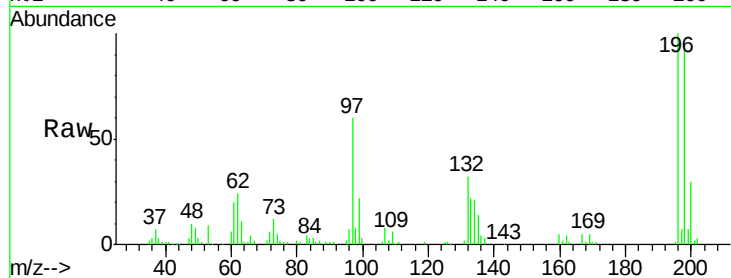
#43
 2,4,5-Trichlorophenol
 Concen: 39.96 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

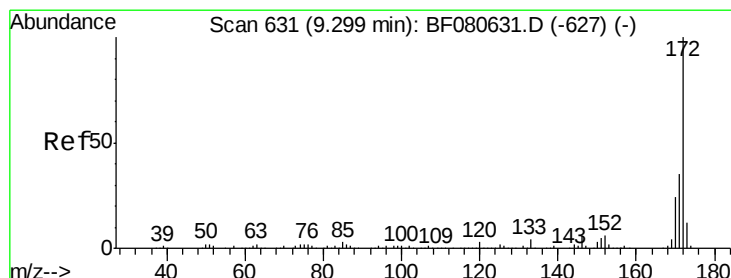
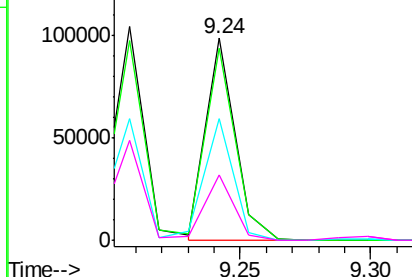
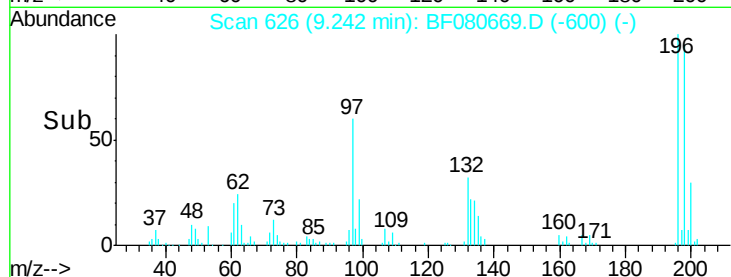
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76454		
198	95.1	78.3	117.5	
97	60.0	33.1	49.7#	
132	32.5	19.8	29.8#	

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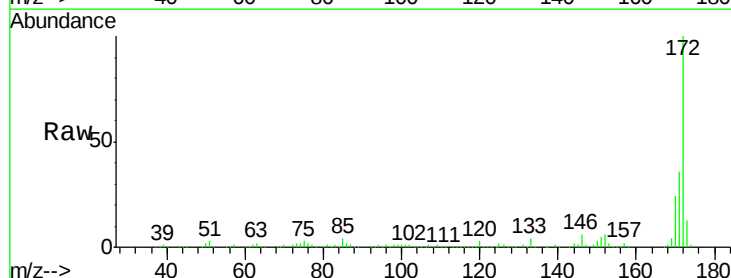


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

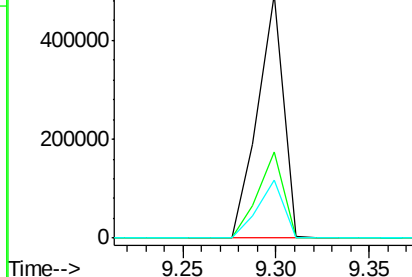
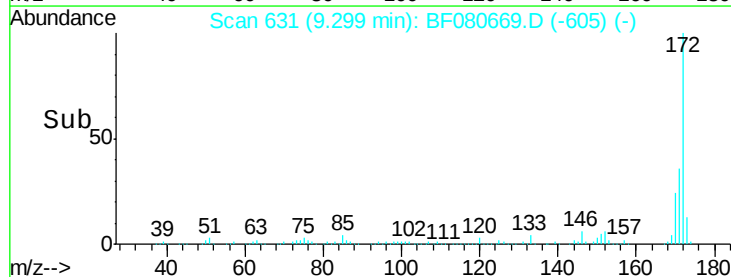


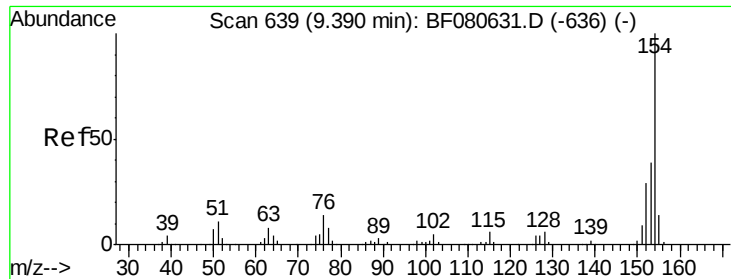
#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	470715		
171	35.6	27.7	41.5	
170	23.7	19.0	28.4	



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





#45

1,1'-Biphenyl

Concen: 39.86 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

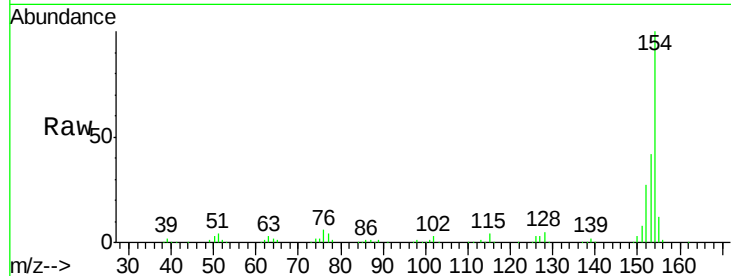
ClientSampleId :

SSTDCCC040EC

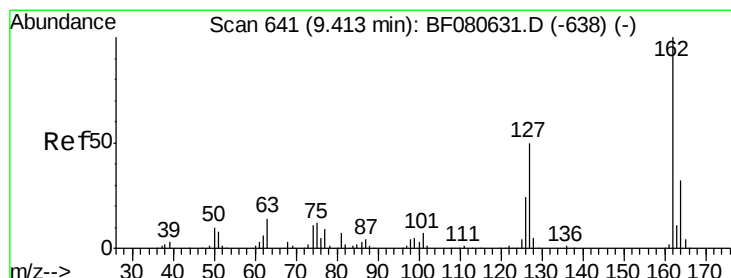
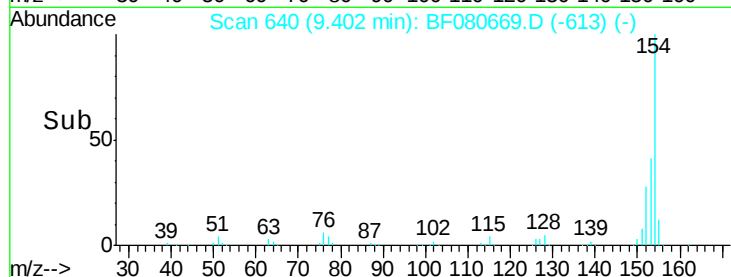
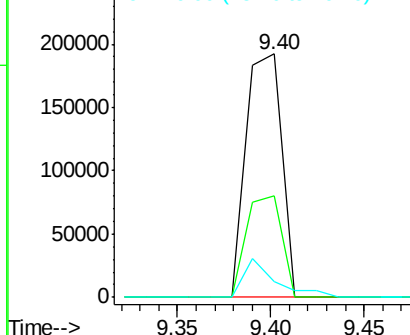
Tgt Ion:	154	Resp:	258152
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.4	59.4
76	6.3	0.0	34.1

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



#46

2-Chloronaphthalene

Concen: 41.37 ng

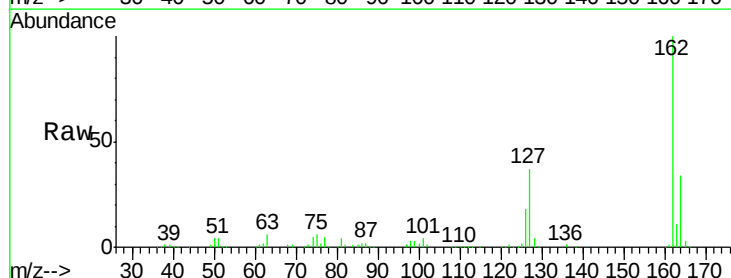
RT: 9.42 min Scan# 642

Delta R.T. 0.01 min

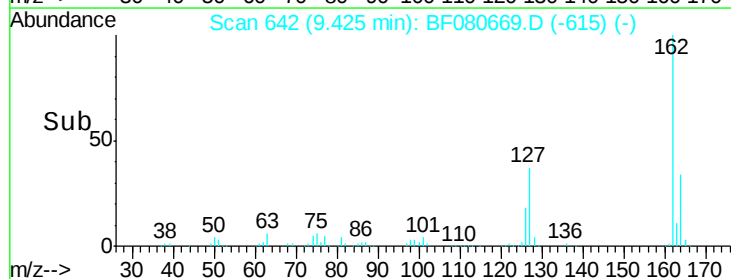
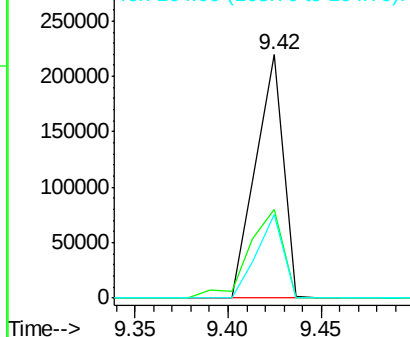
Lab File: BF080669.D

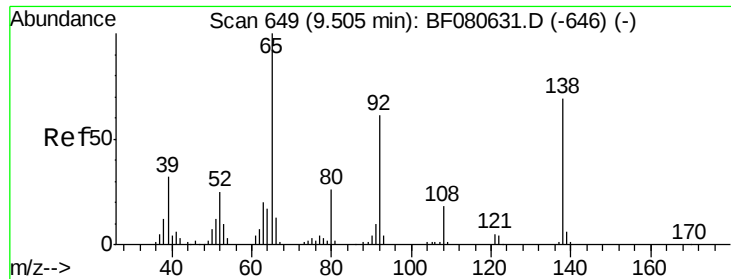
Acq: 25 Jul 2015 14:12

Tgt Ion:	162	Resp:	224112
Ion Ratio	Lower	Upper	
162	100		
127	36.6	40.3	60.5#
164	34.5	25.6	38.4



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: 40.39 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

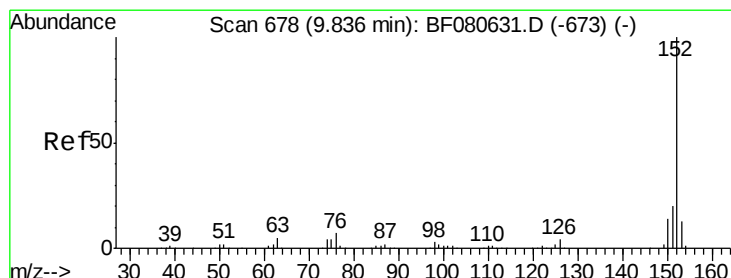
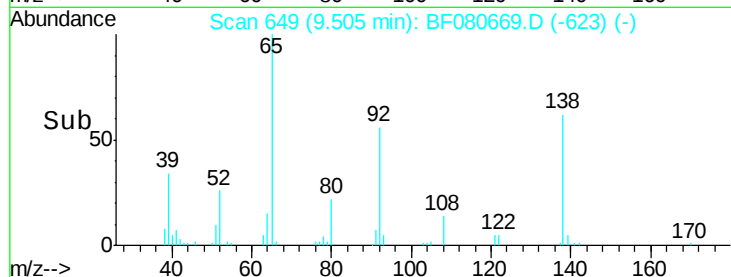
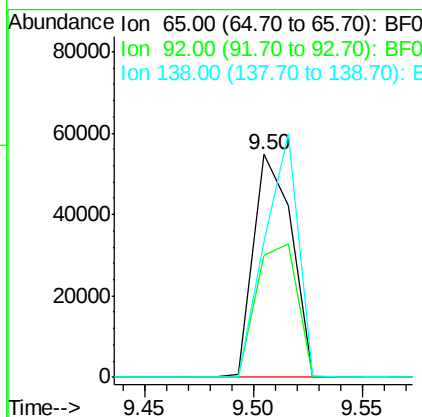
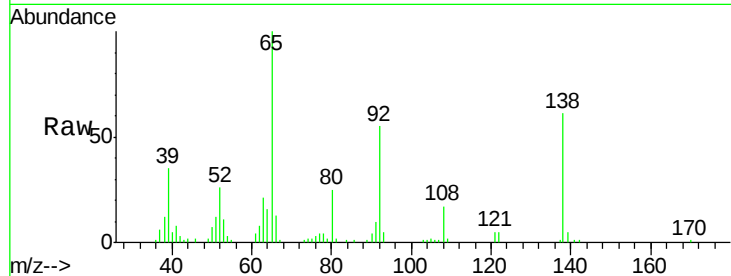
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	65	Resp:	67081
Ion Ratio	Lower	Upper	
65	100		
92	54.8	48.7	73.1
138	61.0	55.4	83.2

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#48

Acenaphthylene

Concen: 42.92 ng

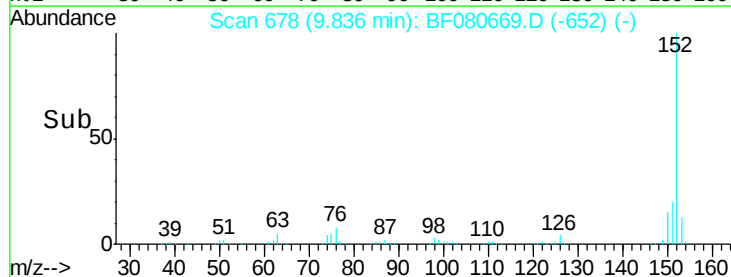
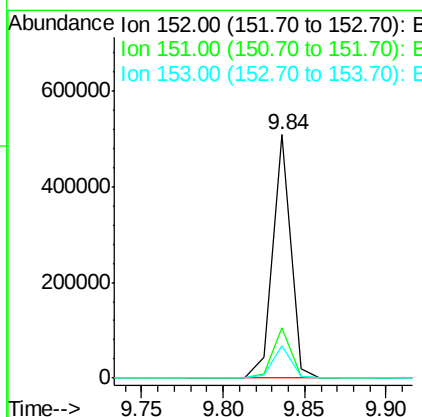
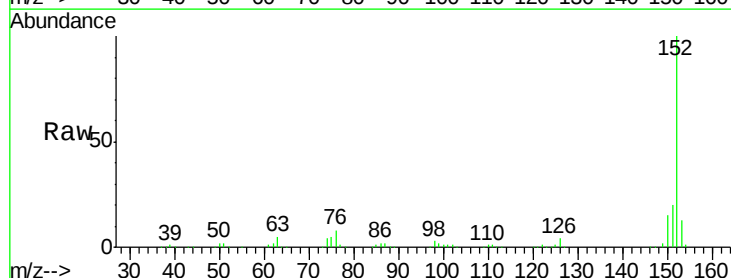
RT: 9.84 min Scan# 678

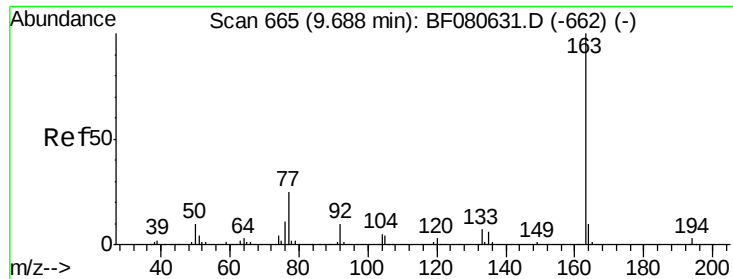
Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	152	Resp:	393469
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.4	10.2	15.4





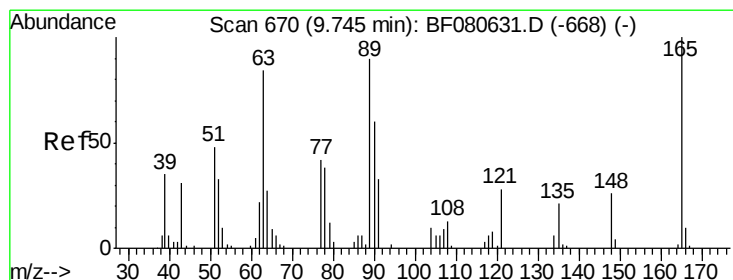
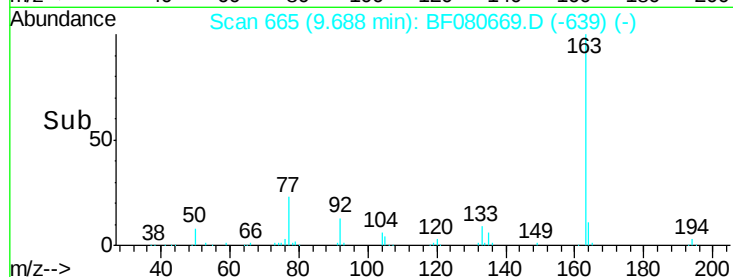
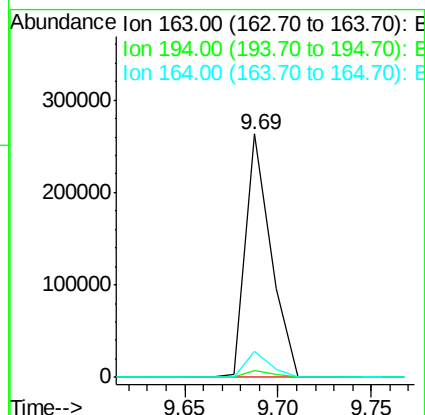
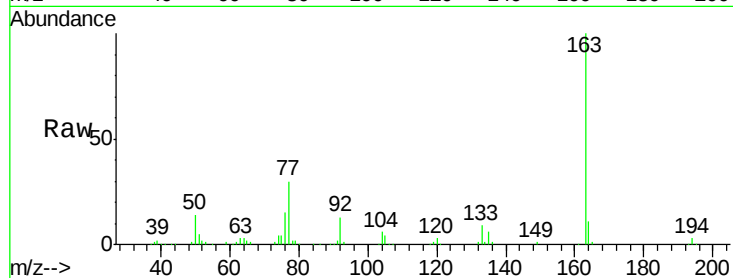
#49
Dimethylphthalate
Concen: 37.46 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.6	8.0	12.0

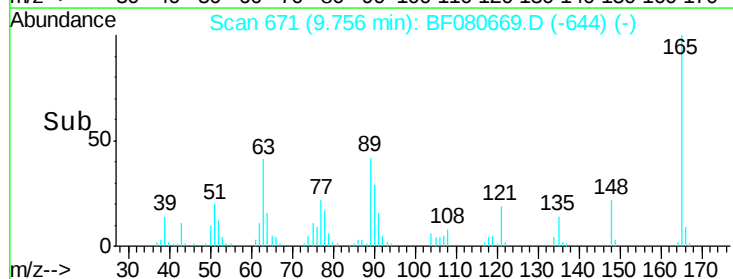
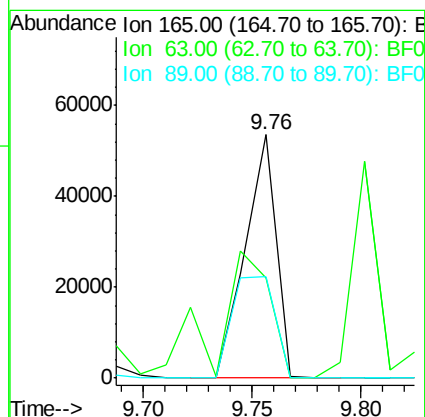
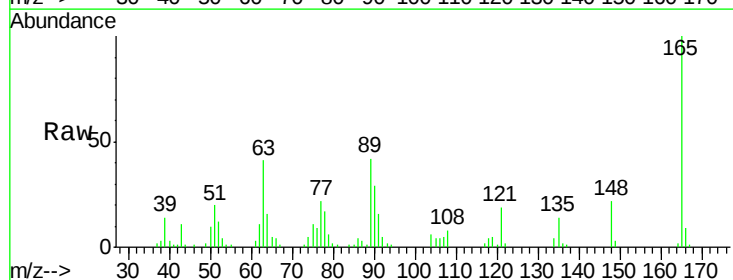
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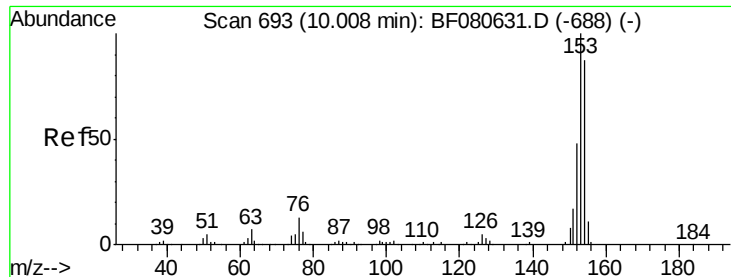
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#50
2,6-Dinitrotoluene
Concen: 44.47 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.4	84.0	126.0#
89	41.8	71.7	107.5#





#51

Acenaphthene

Concen: 40.32 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

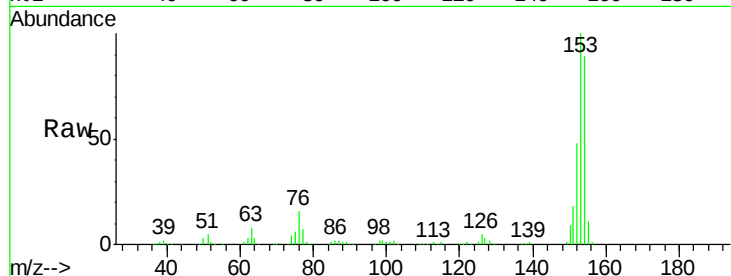
ClientSampleId :

SSTDCCC040EC

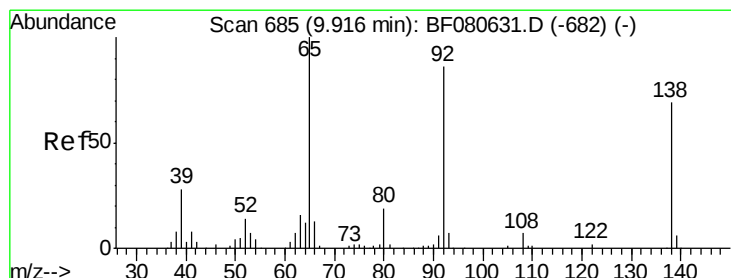
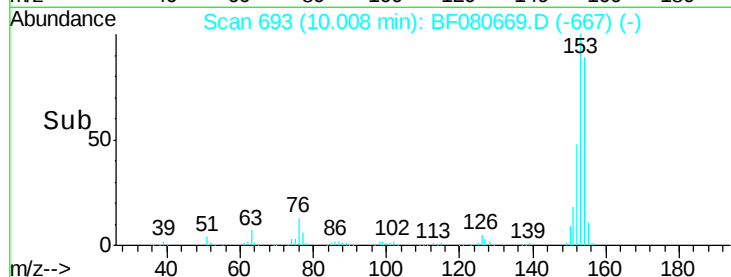
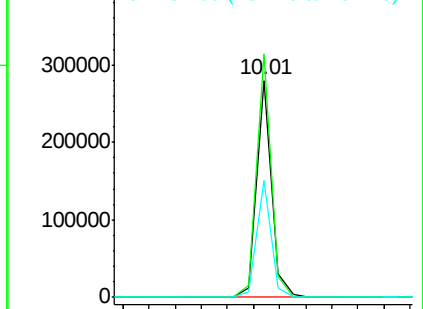
Tgt Ion:	154	Resp:	224469
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.6	137.4
152	53.7	44.0	66.0

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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: 43.18 ng

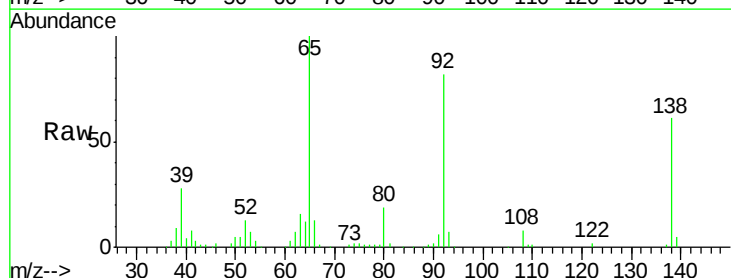
RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

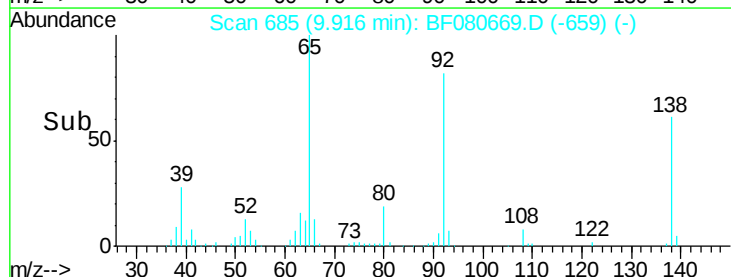
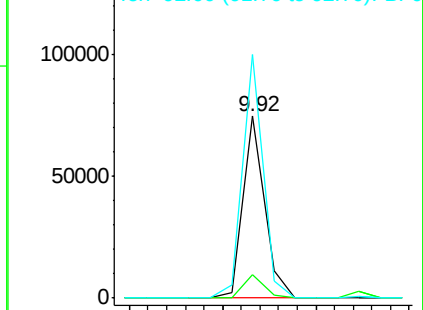
Lab File: BF080669.D

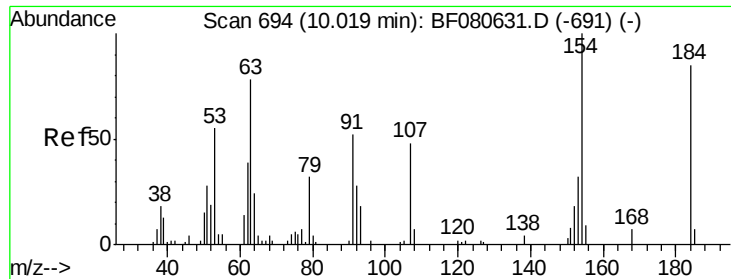
Acq: 25 Jul 2015 14:12

Tgt Ion:	138	Resp:	60805
Ion Ratio	Lower	Upper	
138	100		
108	12.7	8.6	13.0
92	133.9	100.1	150.1



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





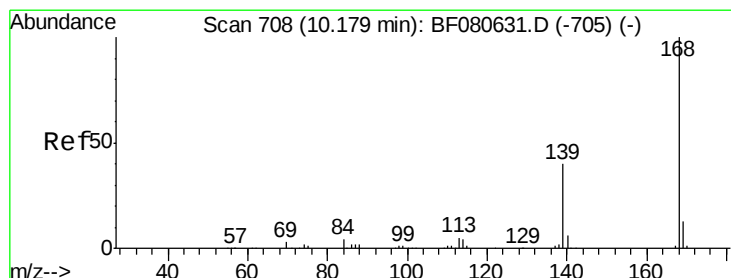
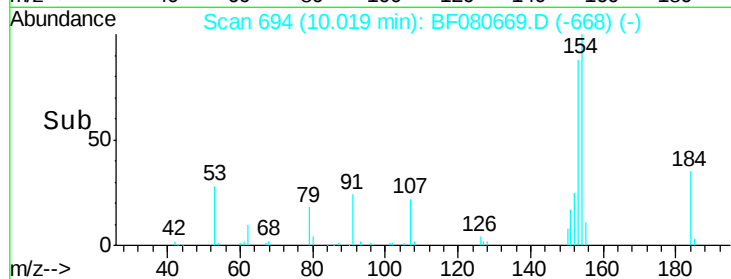
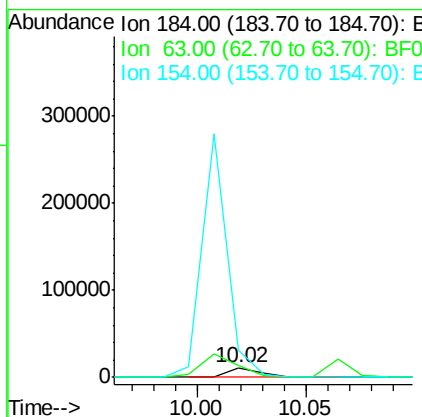
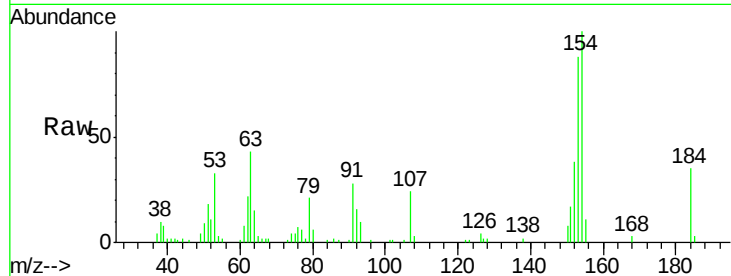
#53
 2,4-Dinitrophenol
 Concen: 26.07 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	11322		
63	124.0	73.4	110.0#	
154	286.9	94.2	141.4#	

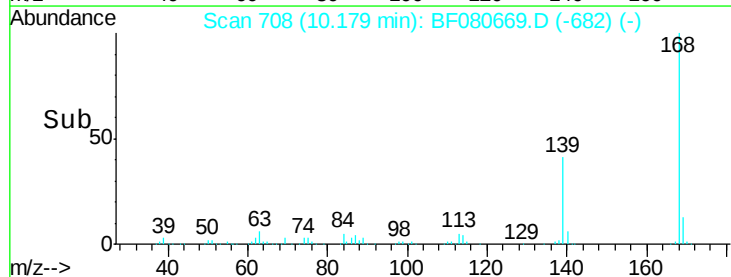
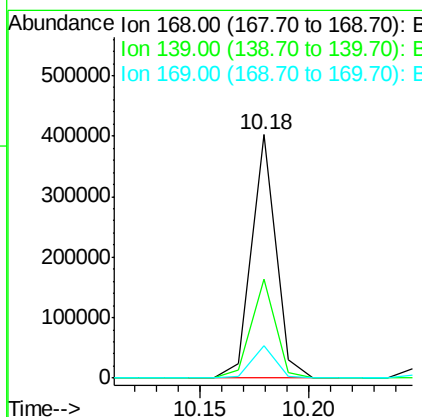
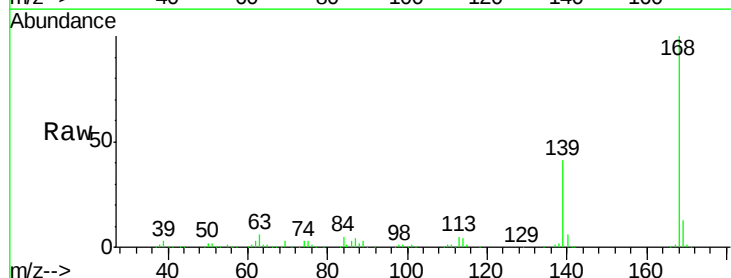
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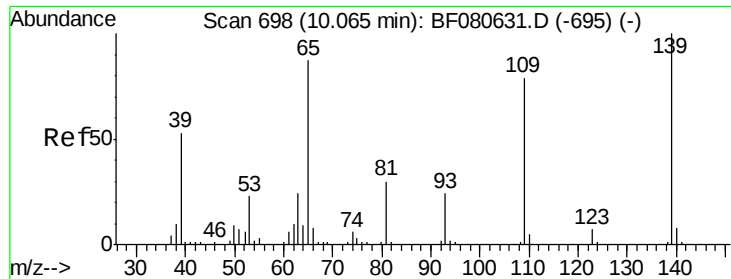
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#54
 Dibenzofuran
 Concen: 39.44 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	313300		
139	40.7	32.2	48.4	
169	13.3	10.2	15.2	





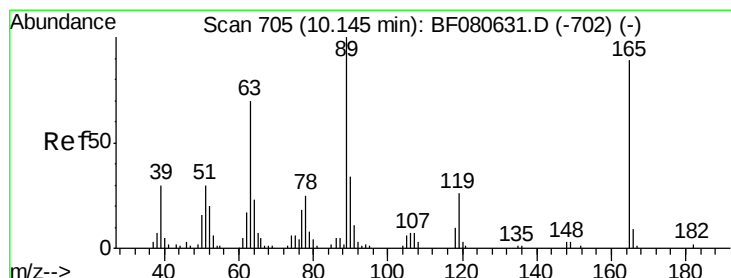
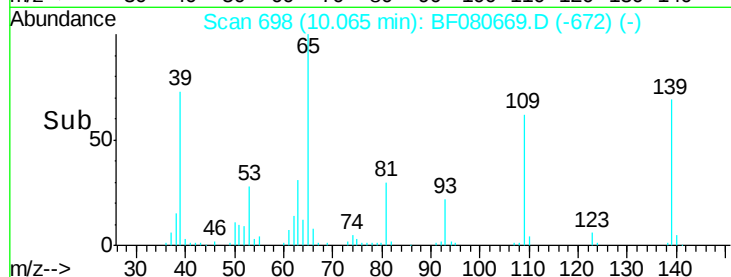
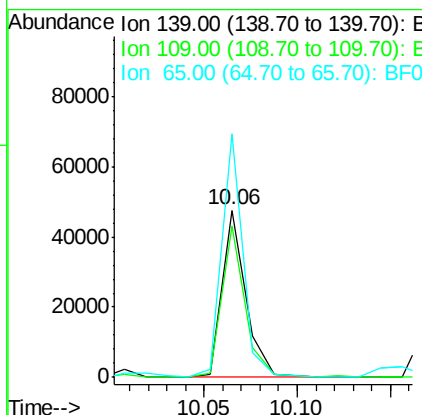
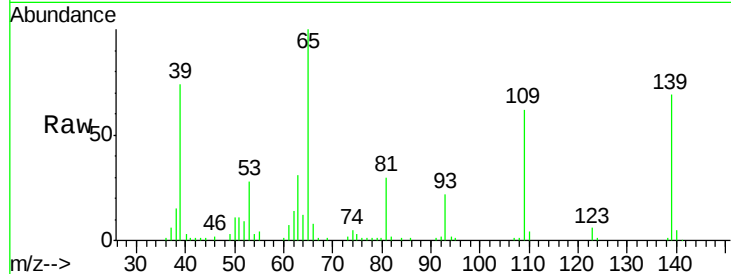
#55
4-Nitrophenol
Concen: 37.78 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	42006		
109	90.4	59.4	99.4	
65	145.6	67.4	107.4	

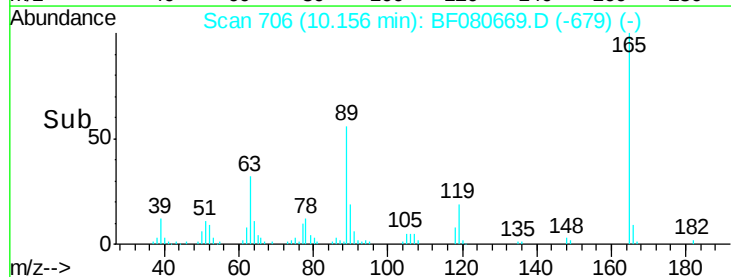
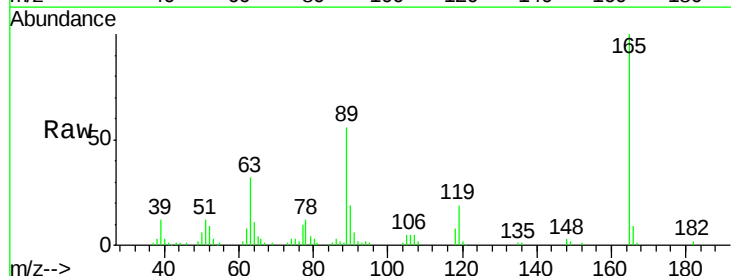
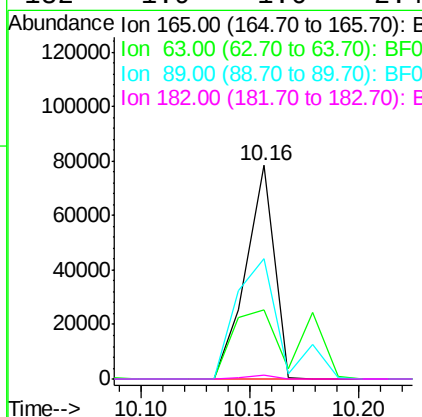
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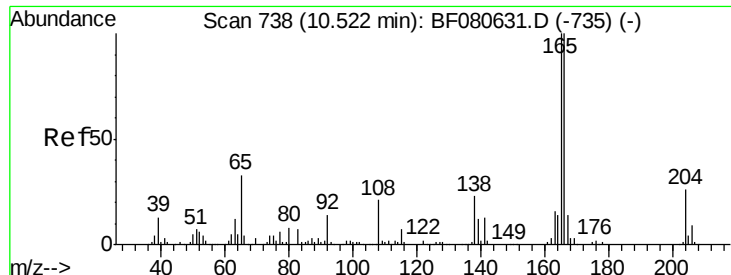
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#56
2,4-Dinitrotoluene
Concen: 45.78 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71633		
63	32.1	63.0	94.4	
89	56.5	90.2	135.2	
182	1.9	1.6	2.4	





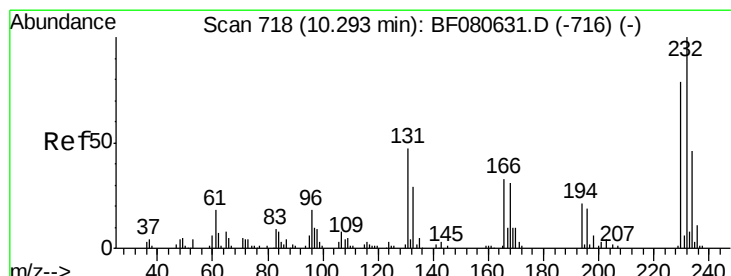
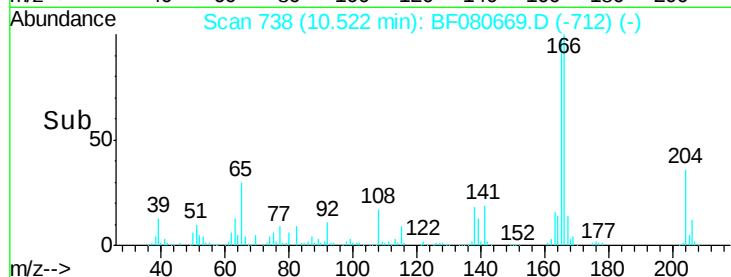
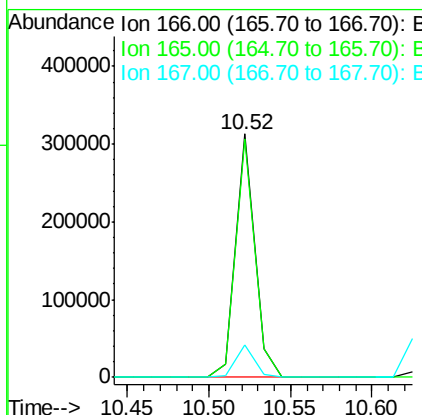
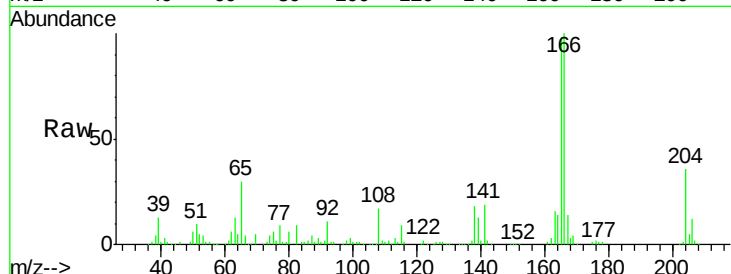
#57
Fluorene
 Concen: 40.17 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	251246		
165	97.9	80.0	120.0	
167	13.5	10.8	16.2	

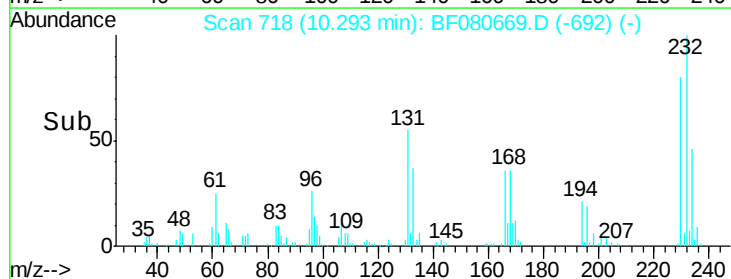
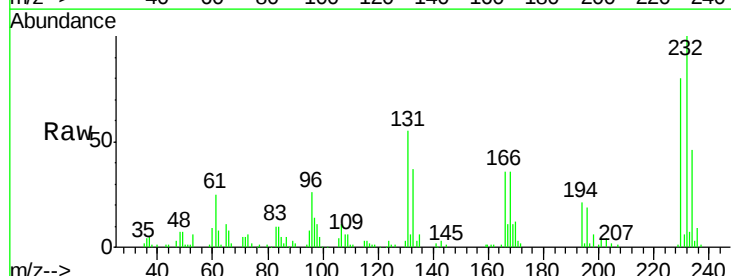
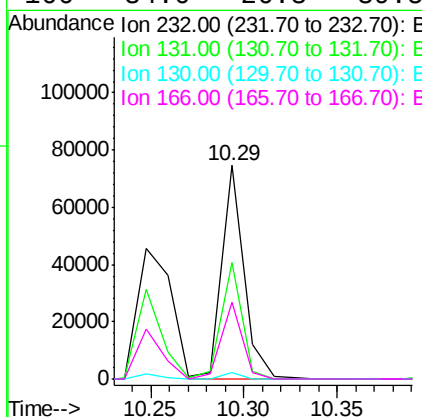
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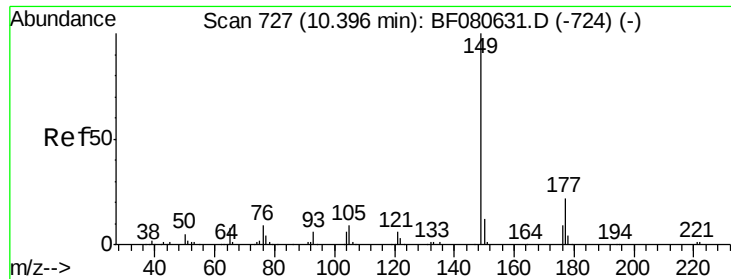
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.40 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61678		
131	51.4	40.2	60.2	
130	2.4	1.8	2.8	
166	34.0	26.3	39.5	





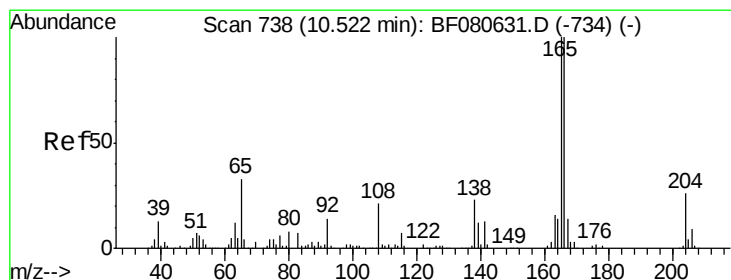
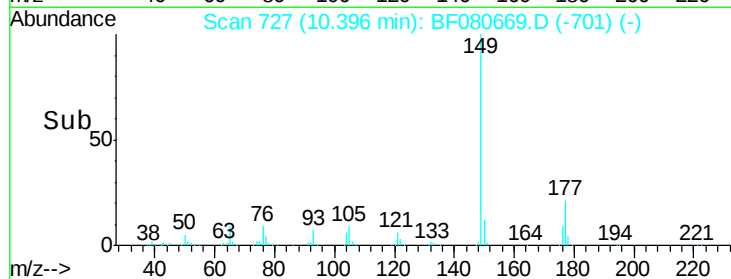
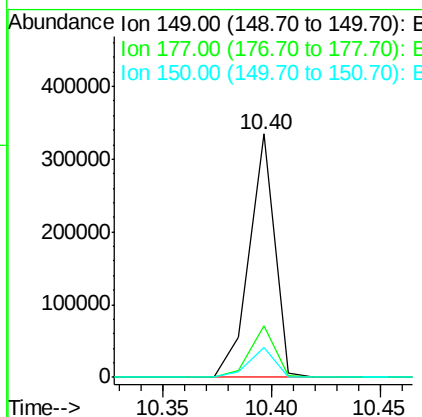
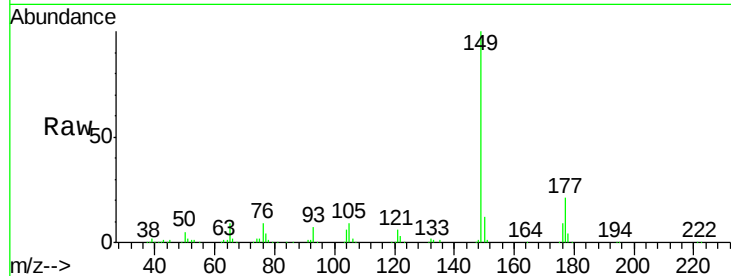
#59
Diethylphthalate
Concen: 41.33 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	272350		
177	21.3	17.8	26.8	
150	12.4	9.8	14.8	

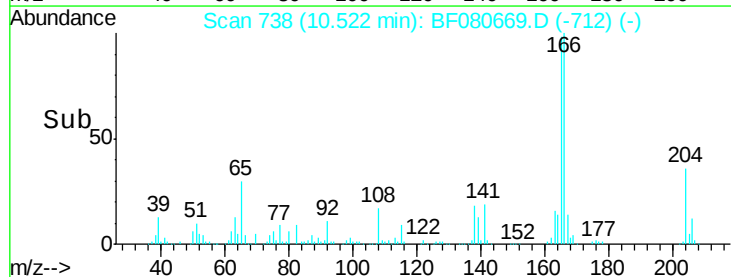
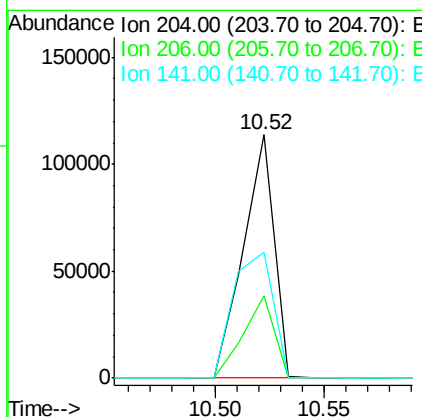
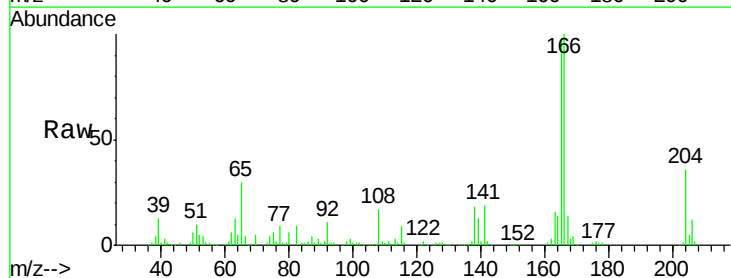
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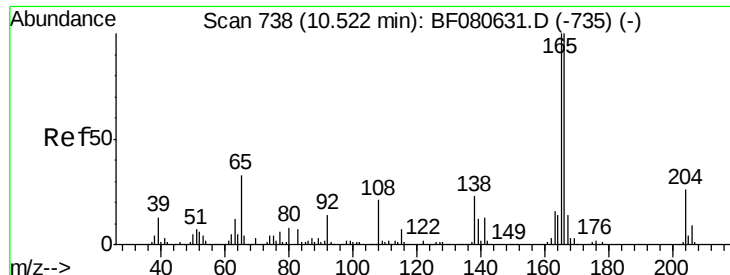
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#60
4-Chlorophenyl-phenylether
Concen: 40.12 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	111506		
206	33.9	28.6	43.0	
141	51.7	41.0	61.6	





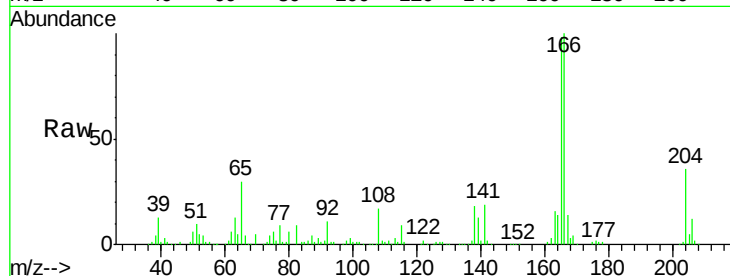
#61
4-Nitroaniline
Concen: 39.12 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

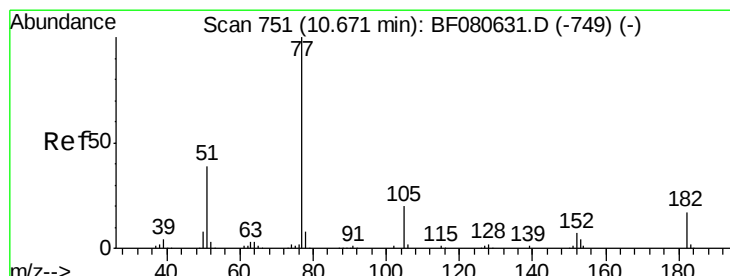
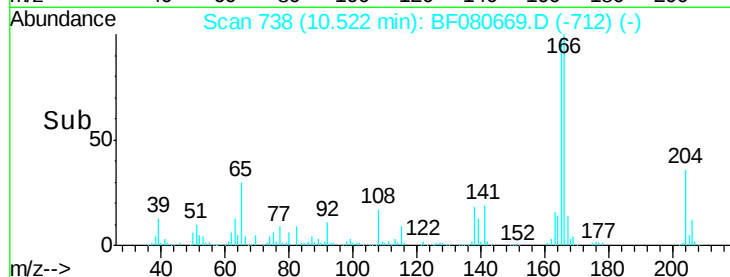
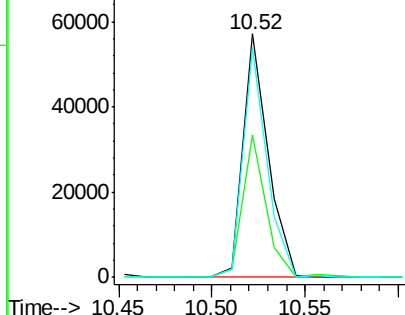
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	53600		
92	58.7	38.2	78.2	
108	94.1	70.7	110.7	

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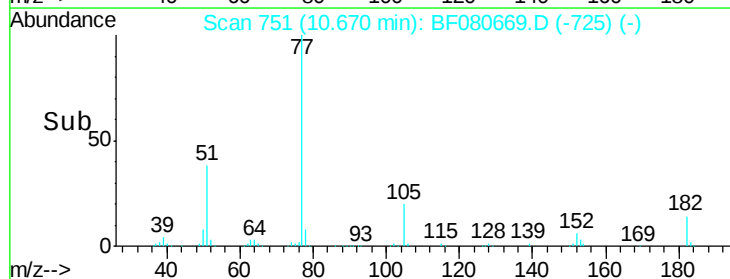
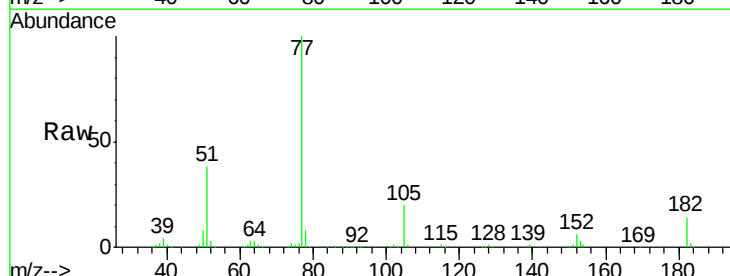
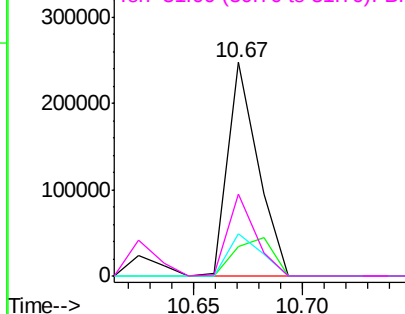
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

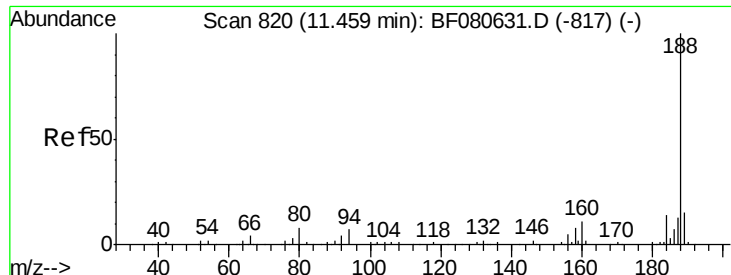


#62
Azobenzene
Concen: 37.66 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	237592		
182	13.7	0.0	36.7	
105	19.6	0.0	39.6	
51	38.5	18.7	58.7	

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





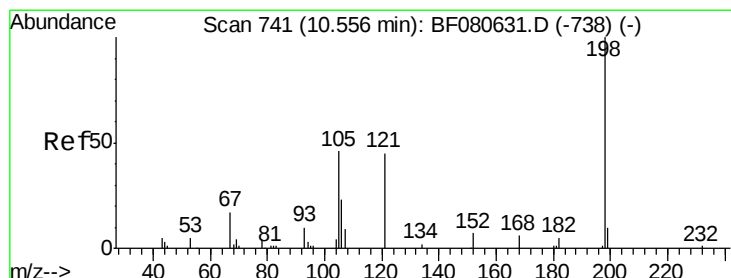
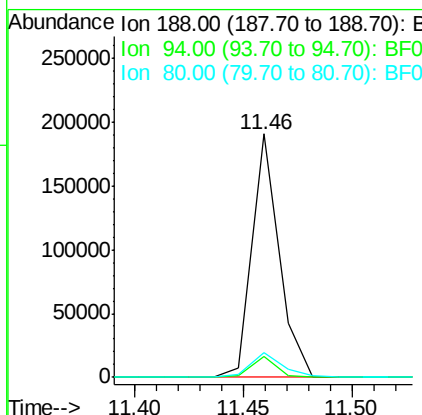
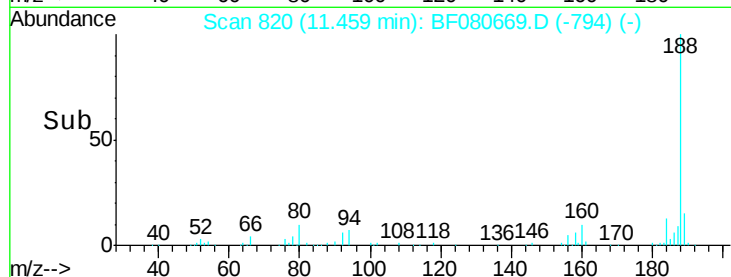
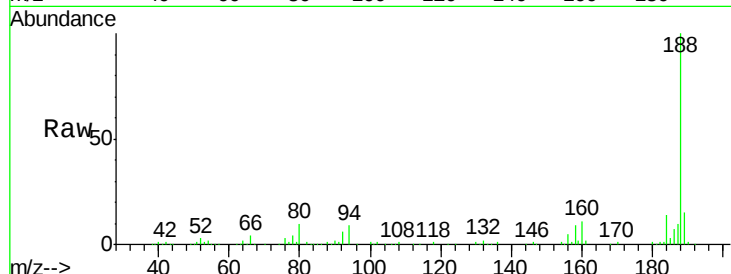
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	5.6	8.4#
80	10.3	6.1	9.1#

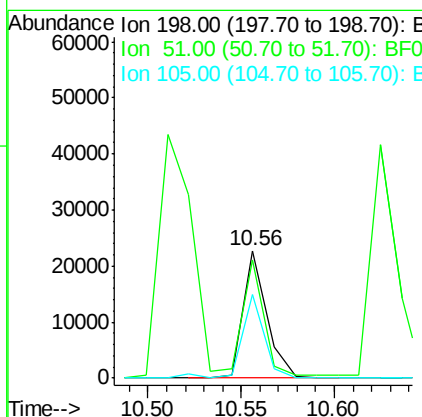
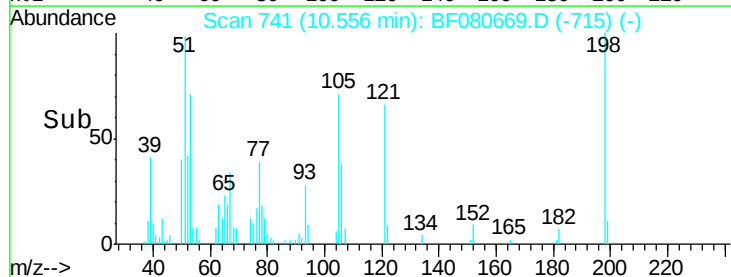
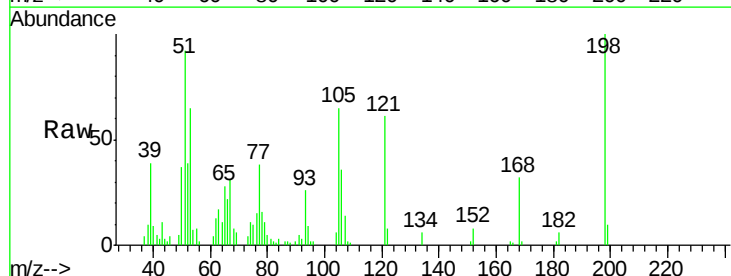
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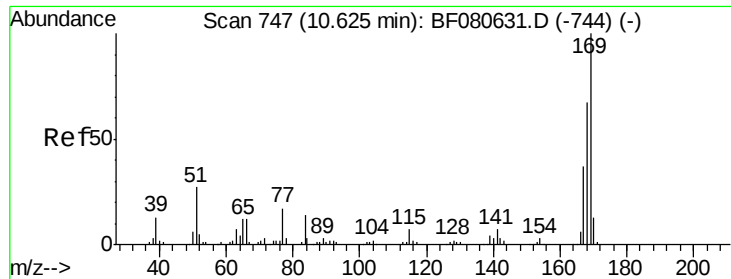
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.38 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	92.2	31.1	71.1#
105	65.4	28.6	68.6





#65

n-Nitrosodiphenylamine

Concen: 39.98 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

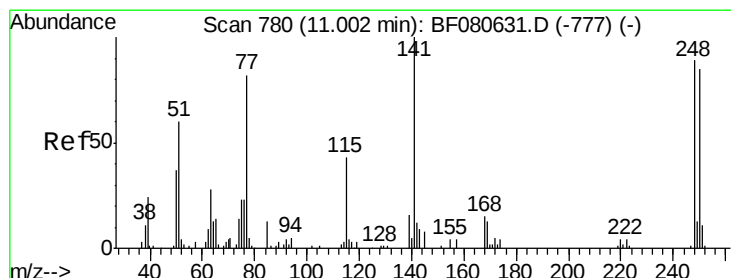
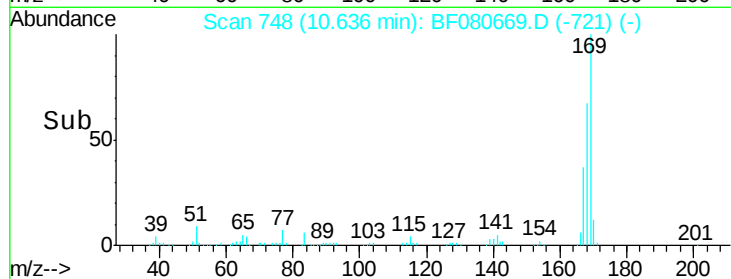
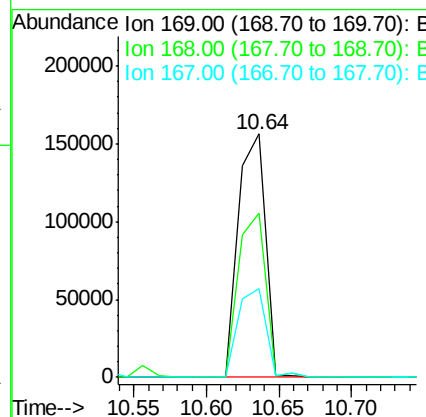
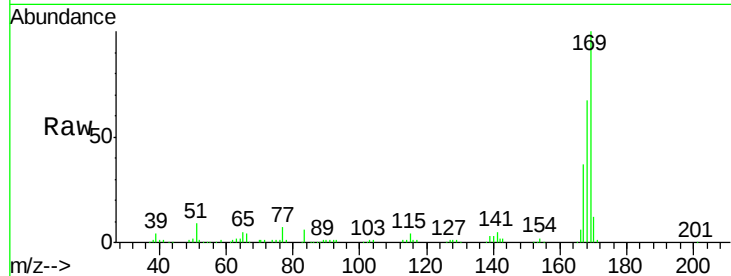
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	169	Resp:	202441
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 41.42 ng

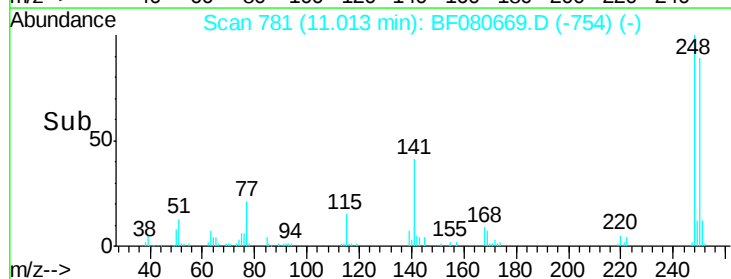
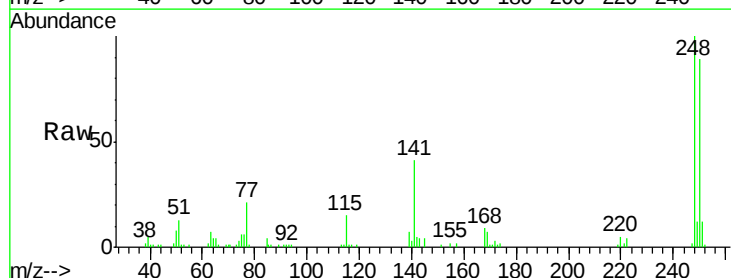
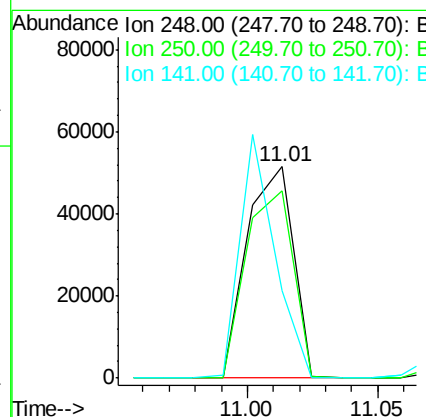
RT: 11.01 min Scan# 781

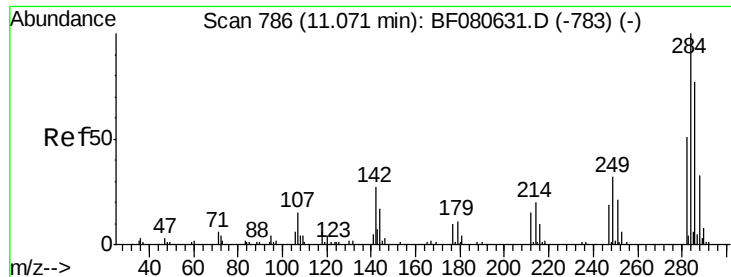
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	248	Resp:	64483
Ion Ratio	Lower	Upper	
248	100		
250	88.9	76.6	114.8
141	41.1	90.0	135.0#





#67

Hexachlorobenzene

Concen: 37.73 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

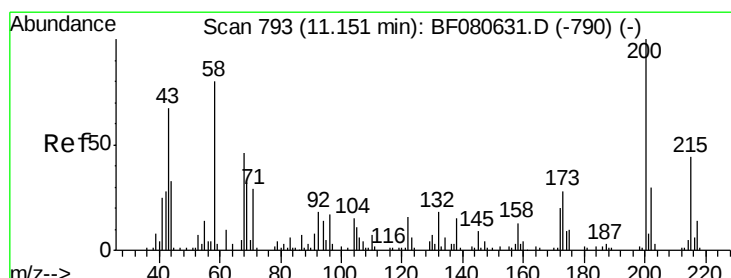
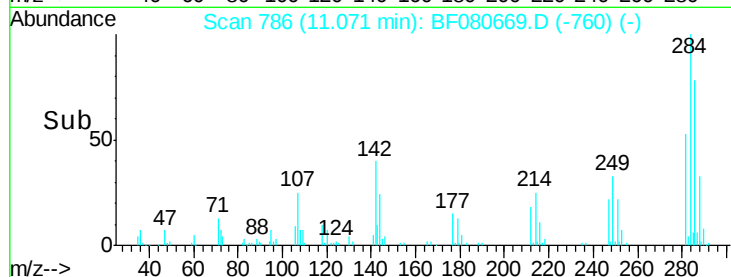
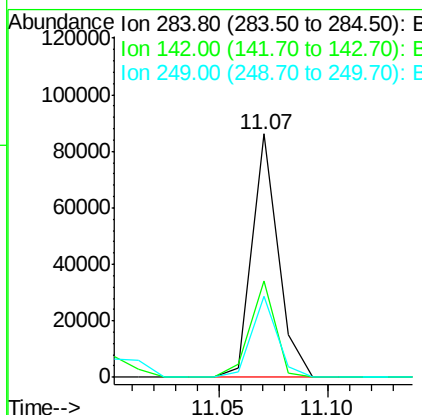
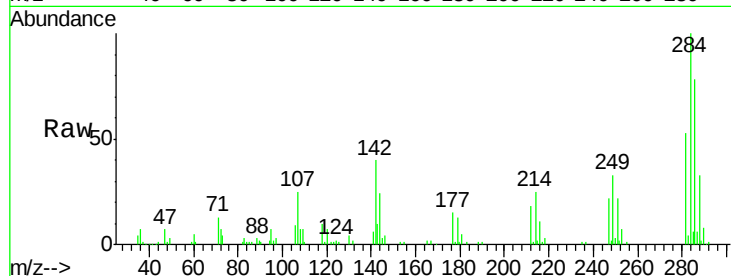
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	284	Resp:	71563
Ion Ratio	Lower	Upper	
284	100		
142	39.6	21.2	31.8#
249	33.1	25.9	38.9

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#68

Atrazine

Concen: 40.10 ng

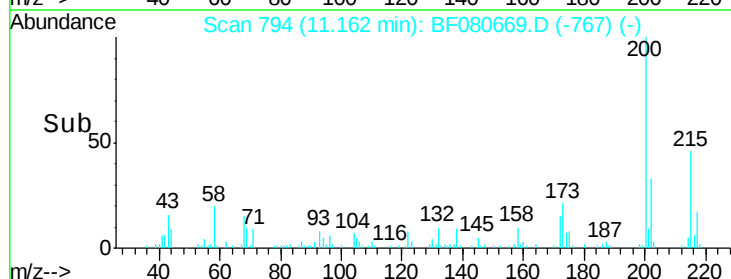
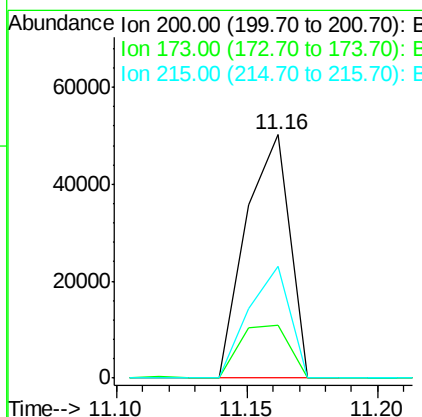
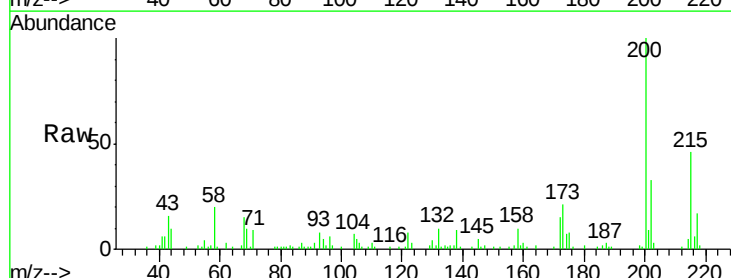
RT: 11.16 min Scan# 794

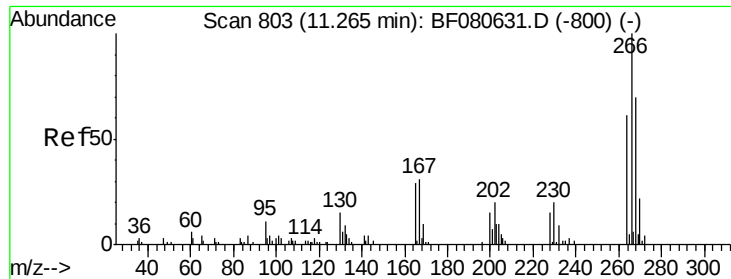
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	200	Resp:	59017
Ion Ratio	Lower	Upper	
200	100		
173	21.5	8.6	48.6
215	45.8	24.1	64.1





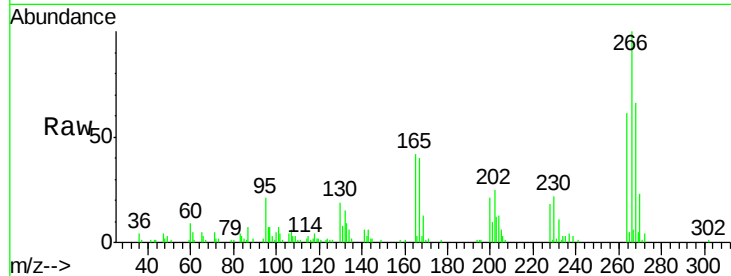
#69
 Pentachlorophenol
 Concen: 48.65 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

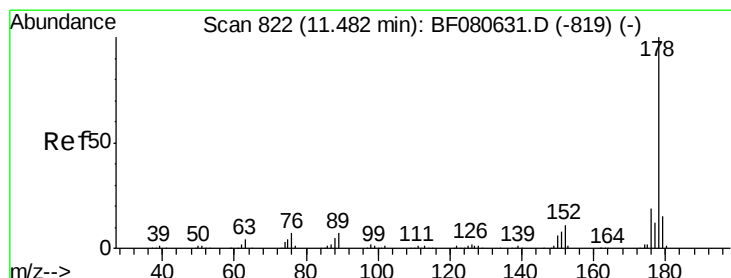
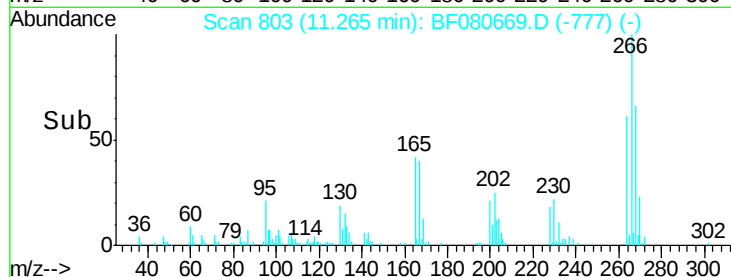
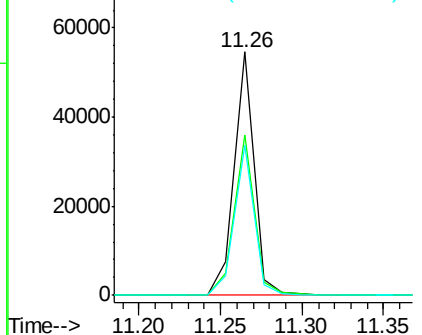
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	46017		
268	65.9		55.6	83.4
264	61.5		48.7	73.1

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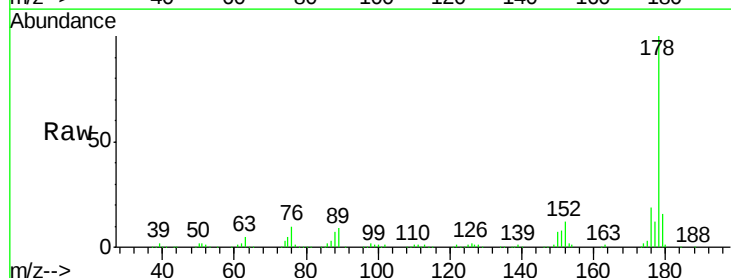


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

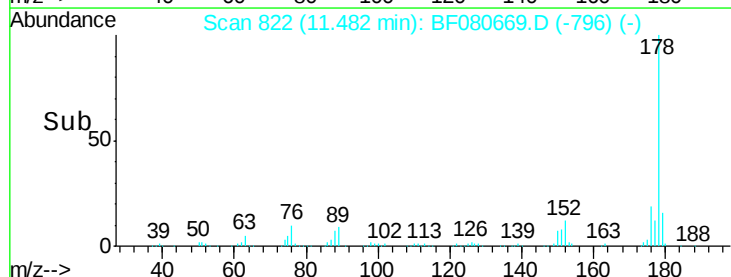
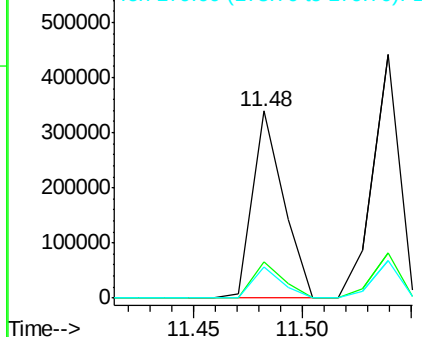


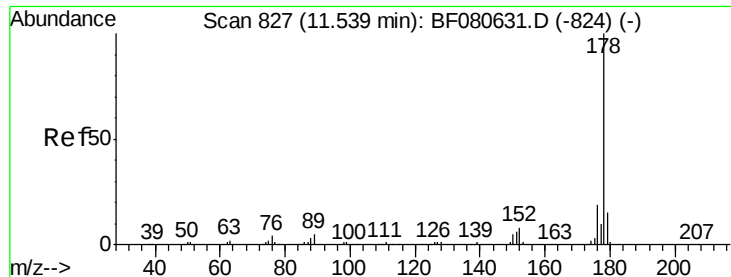
#70
 Phenanthrene
 Concen: 36.76 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	335251		
176	19.3		15.5	23.3
179	16.4		11.8	17.8



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





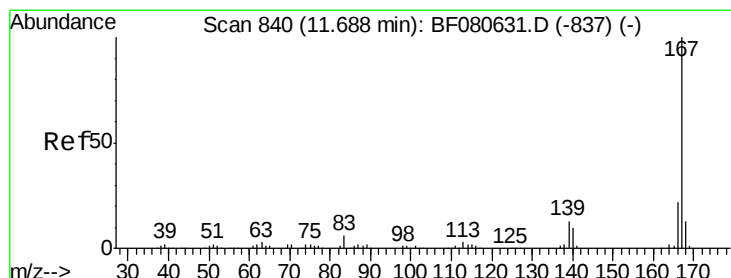
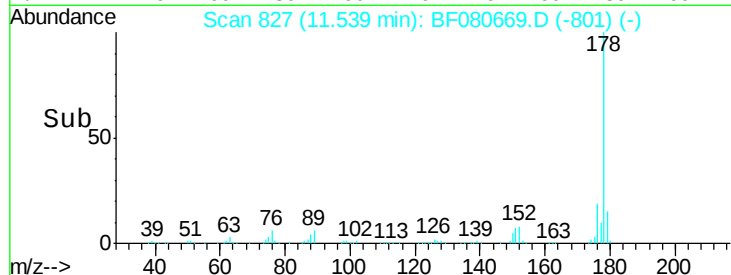
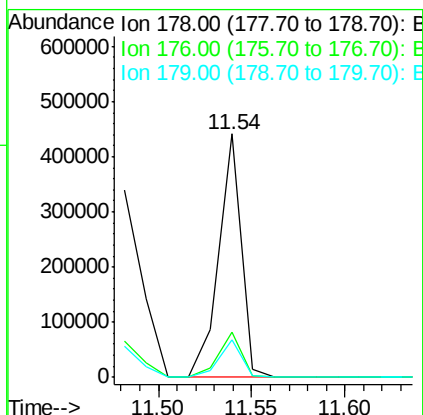
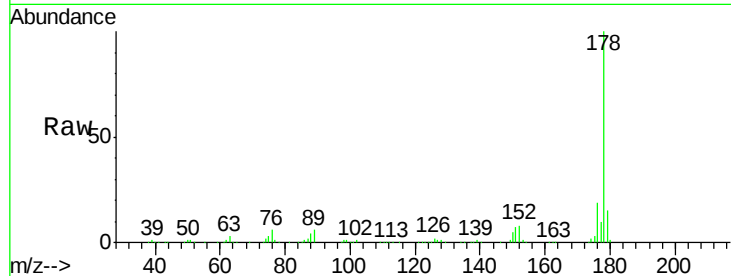
#71
 Anthracene
 Concen: 42.34 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.2	12.1	18.1

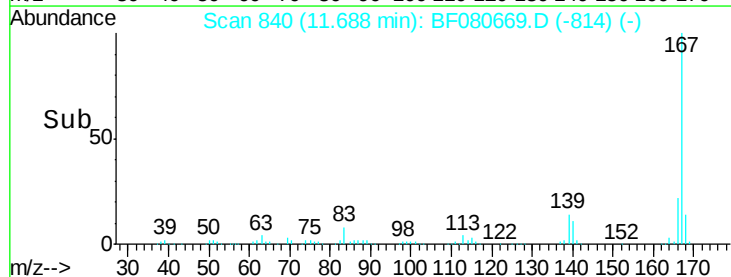
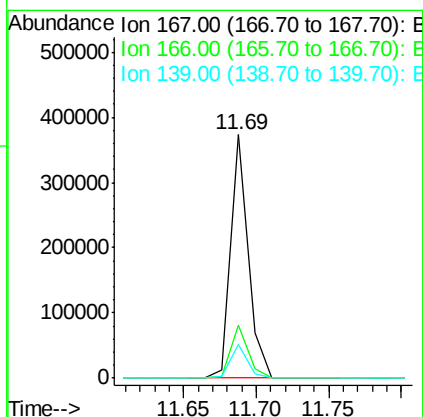
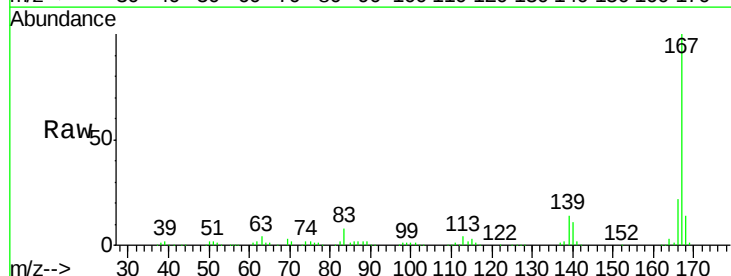
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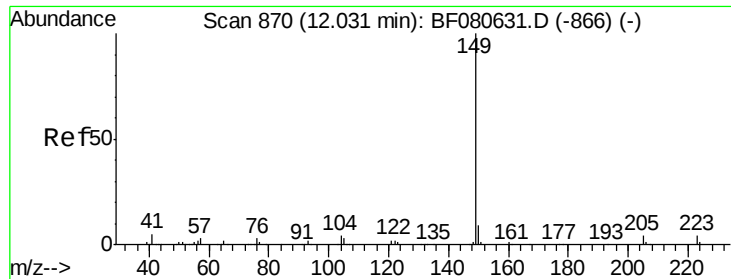
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#72
 Carbazole
 Concen: 39.46 ng
 RT: 11.69 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	14.0	10.6	15.8





#73

Di-n-butylphthalate

Concen: 43.18 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

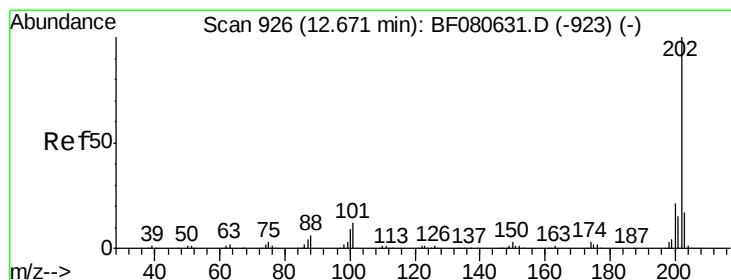
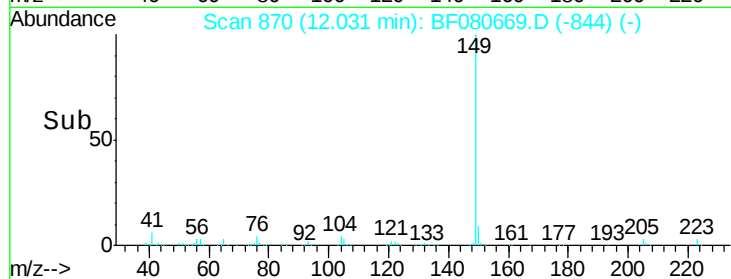
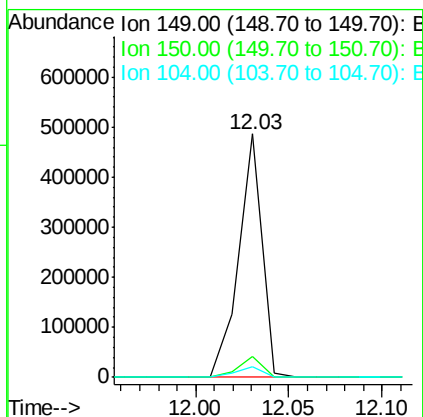
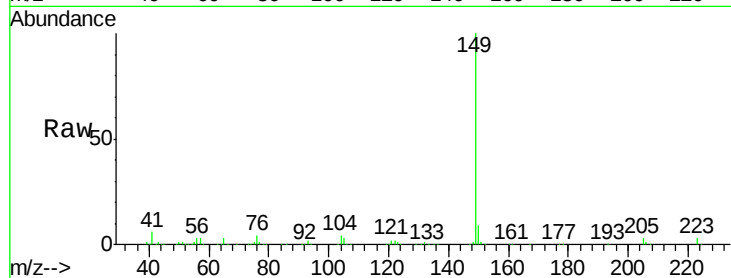
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	426257
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.3	10.9
104	4.3	3.5	5.3

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#74

Fluoranthene

Concen: 40.09 ng

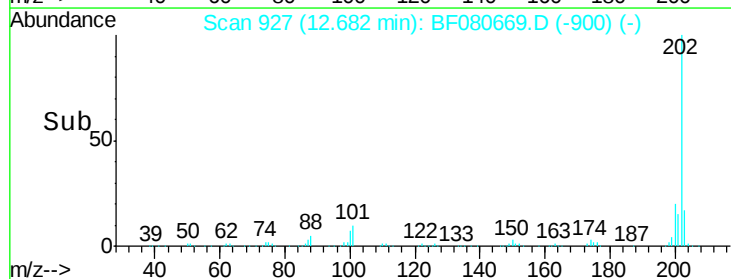
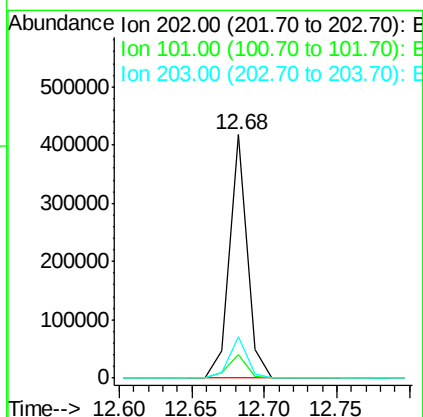
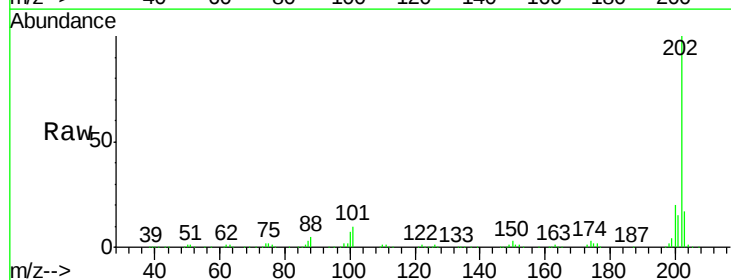
RT: 12.68 min Scan# 927

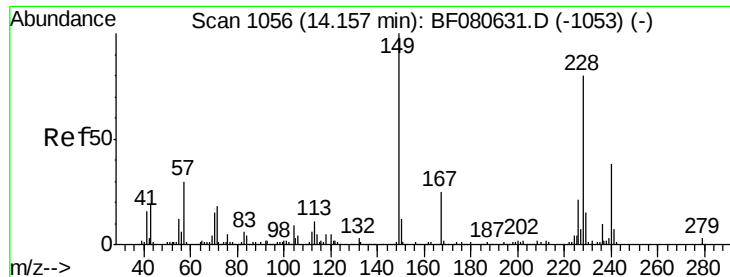
Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Tgt Ion:	202	Resp:	353437
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	32.0
203	16.8	0.0	37.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.23 min Scan# 1062

Delta R.T. 0.07 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 240 Resp: 187308

Ion Ratio Lower Upper

240 100

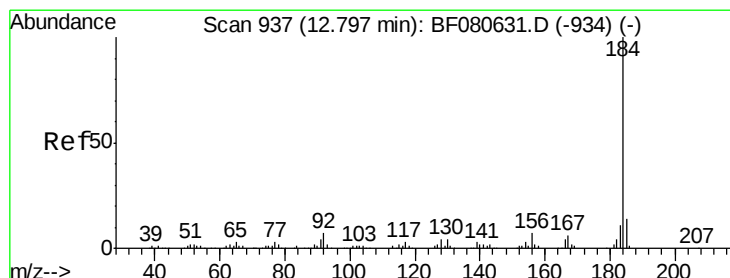
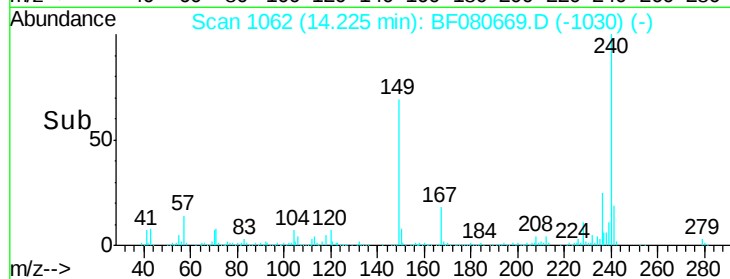
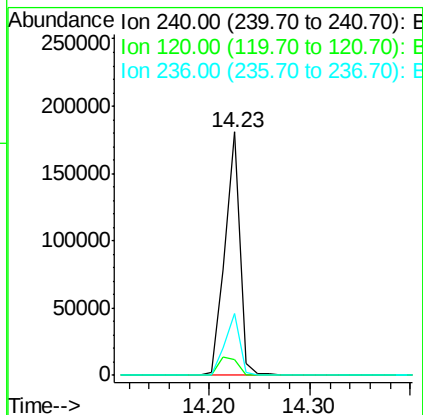
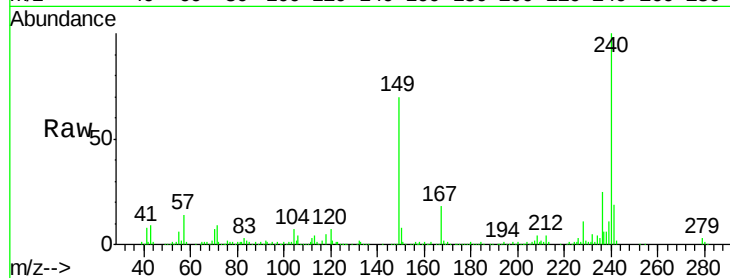
120 6.7 10.8 16.2#

236 25.5 20.3 30.5

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#76

Benzidine

Concen: 36.87 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

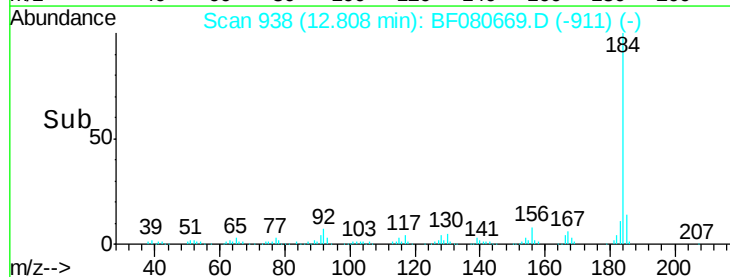
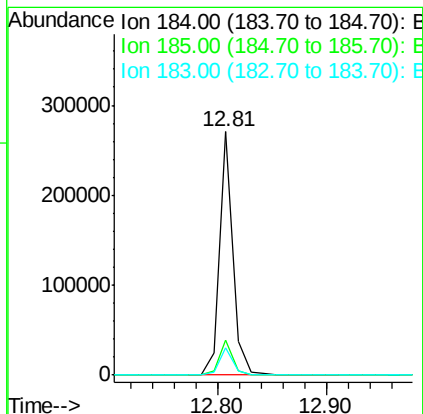
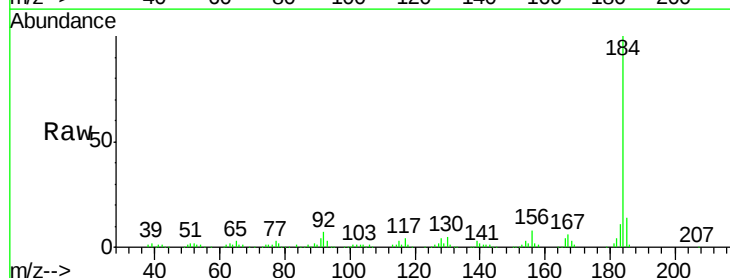
Tgt Ion: 184 Resp: 234748

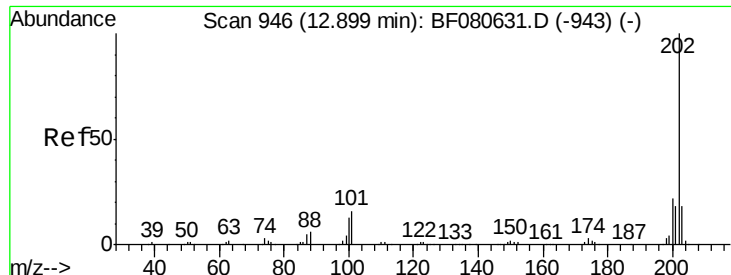
Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.5 9.0 13.6





#77

Pyrene

Concen: 30.78 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

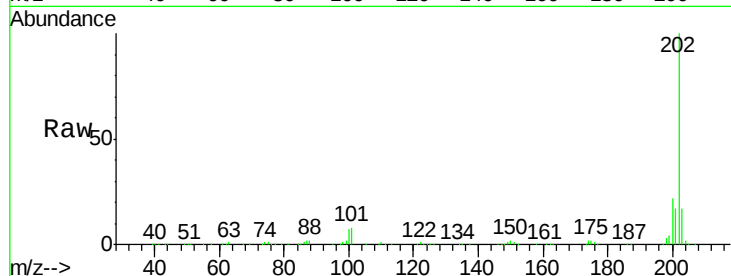
ClientSampleId :

SSTDCCC040EC

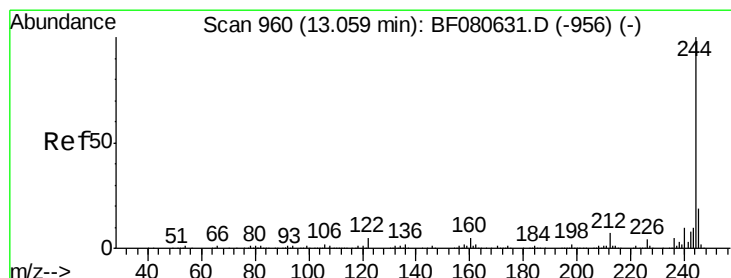
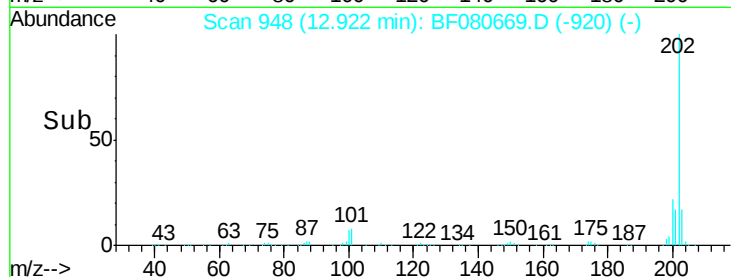
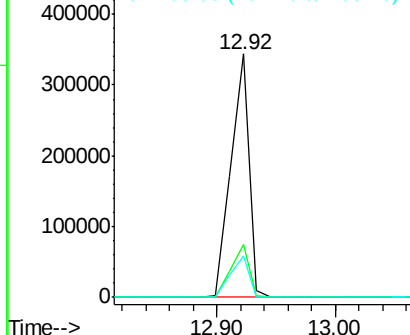
Tgt	Ion	202	Resp:	361092
Ion	Ratio	Lower	Upper	
202	100			
200	21.7	17.4	26.0	
203	17.0	14.6	22.0	

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



#78

Terphenyl-d14

Concen: 59.75 ng

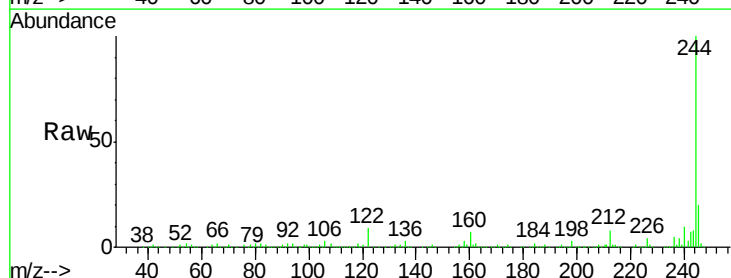
RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

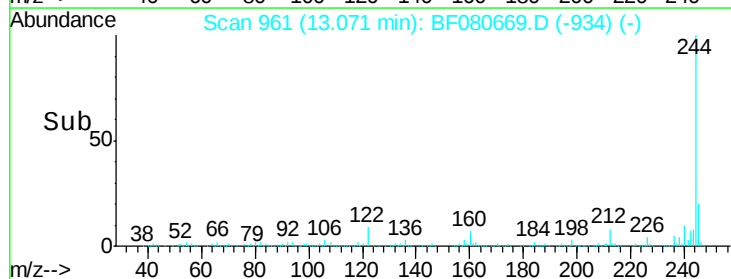
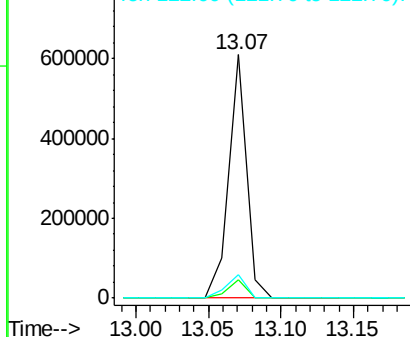
Lab File: BF080669.D

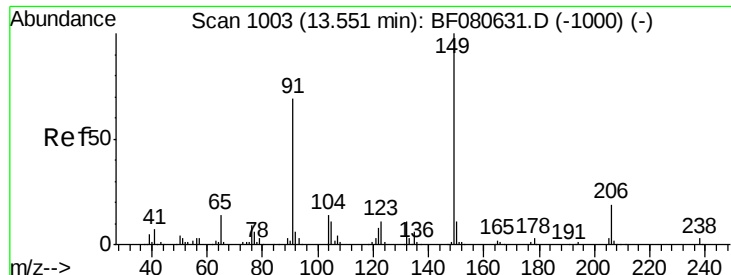
Acq: 25 Jul 2015 14:12

Tgt	Ion	244	Resp:	519761
Ion	Ratio	Lower	Upper	
244	100			
212	7.6	5.2	7.8	
122	9.4	4.1	6.1	



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





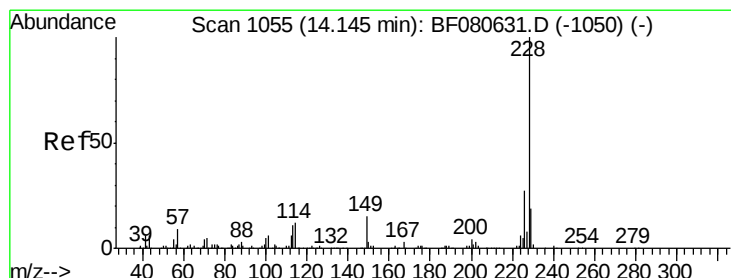
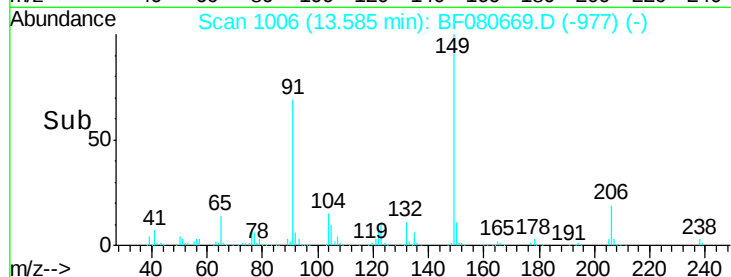
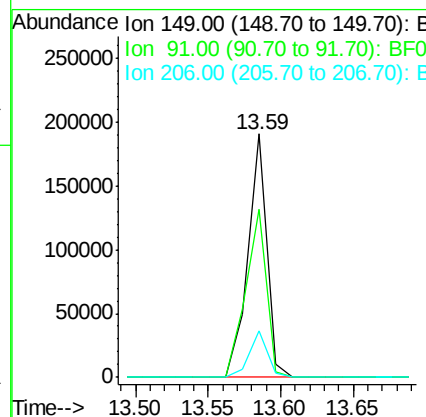
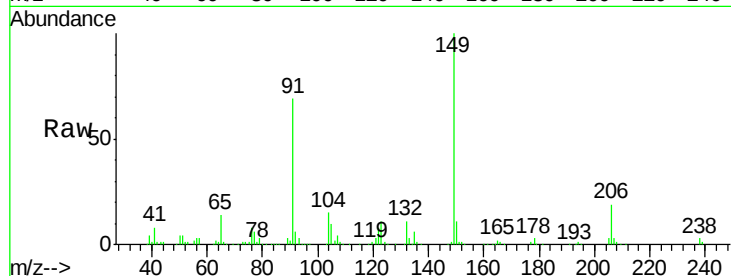
#79
Butylbenzylphthalate
Concen: 34.07 ng
RT: 13.59 min Scan# 1006
Delta R.T. 0.03 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	172860		
91	69.2	55.0	82.4	
206	19.1	15.0	22.6	

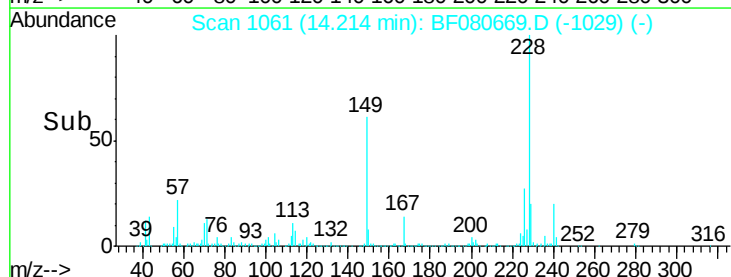
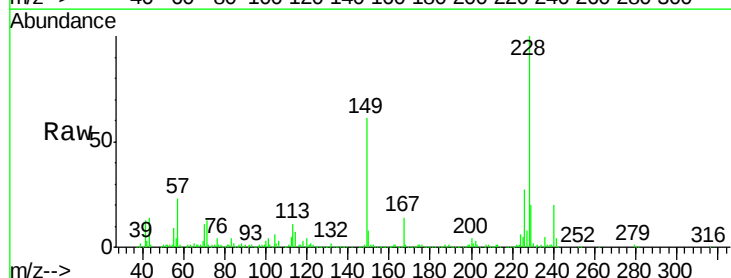
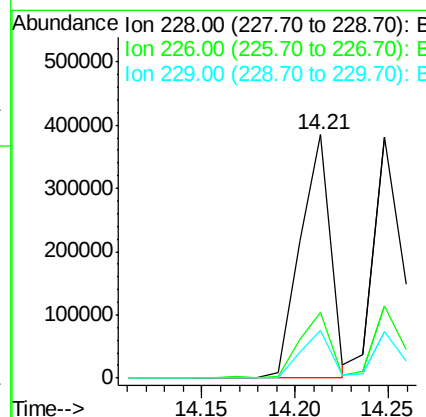
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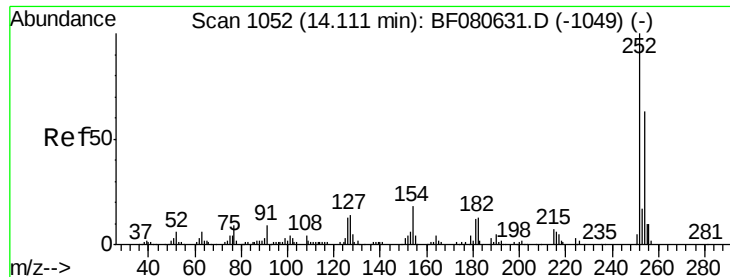
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#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 14.21 min Scan# 1061
Delta R.T. 0.07 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	432257		
226	26.8	21.4	32.0	
229	19.8	15.4	23.0	





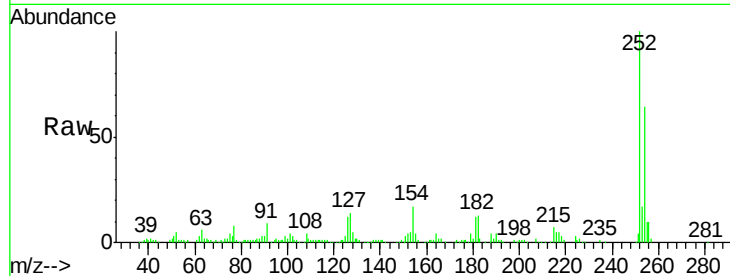
#81
 3,3'-Dichlorobenzidine
 Concen: 41.14 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. 0.06 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

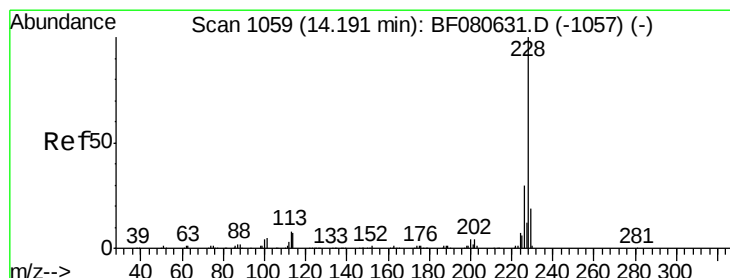
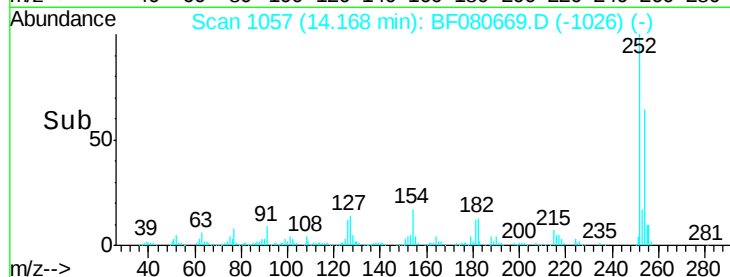
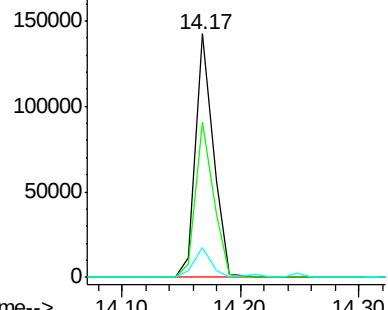
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	147009		
254	63.6		50.4	75.6
126	12.5		10.6	15.8

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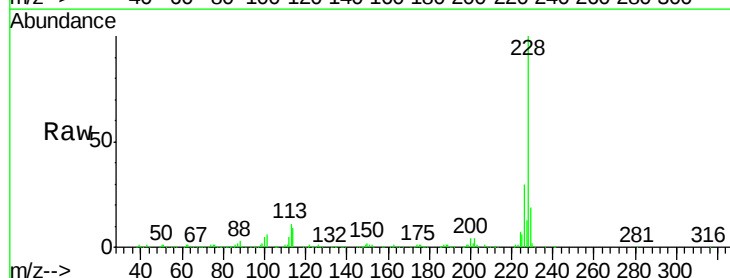


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

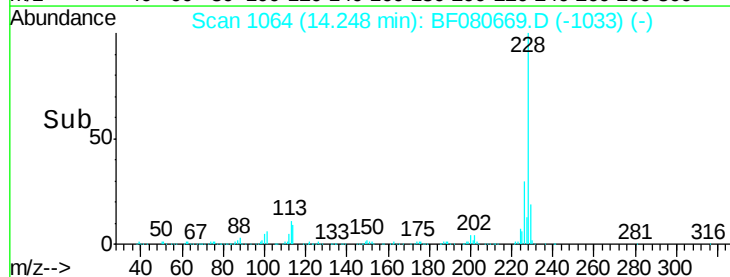
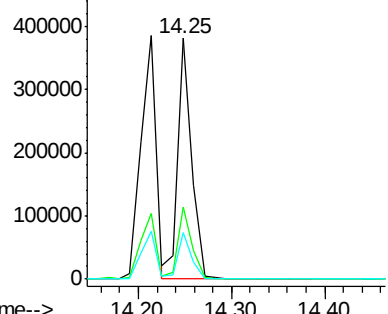


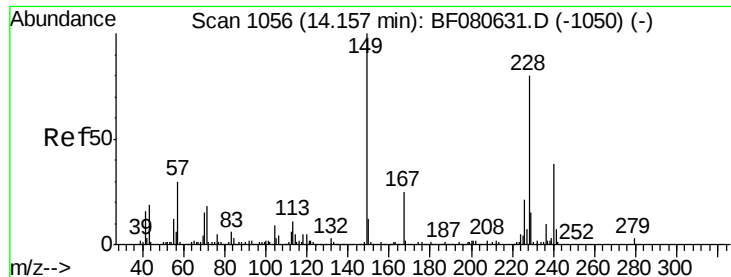
#82
 Chrysene
 Concen: 38.69 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.06 min
 Lab File: BF080669.D
 Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	398303		
226	30.2		24.2	36.4
229	19.3		15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.72 ng

RT: 14.21 min Scan# 1061

Delta R.T. 0.06 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 257857
Ion Ratio Lower Upper

149 100

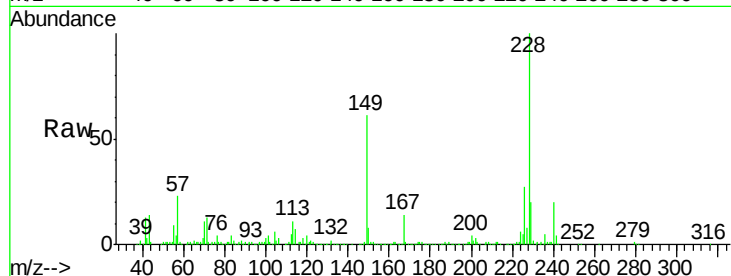
167 23.2 19.7 29.5

279 1.8 2.2 3.4#

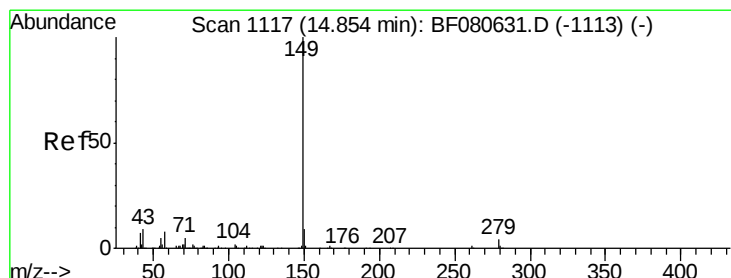
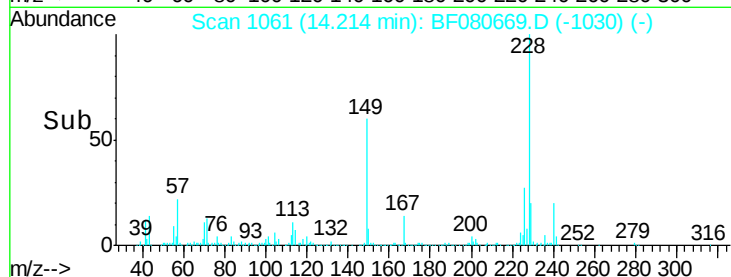
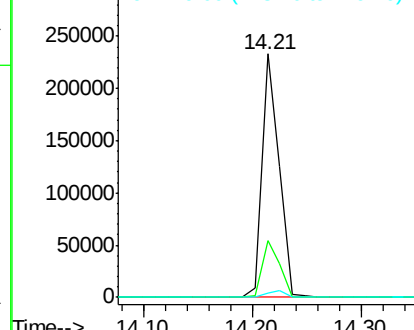
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.72 ng

RT: 14.96 min Scan# 1126

Delta R.T. 0.10 min

Lab File: BF080669.D

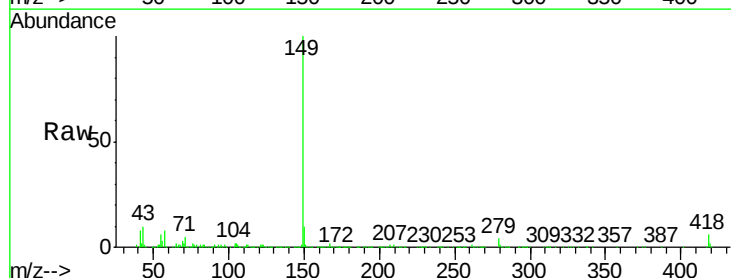
Acq: 25 Jul 2015 14:12

Tgt Ion:149 Resp: 489189
Ion Ratio Lower Upper

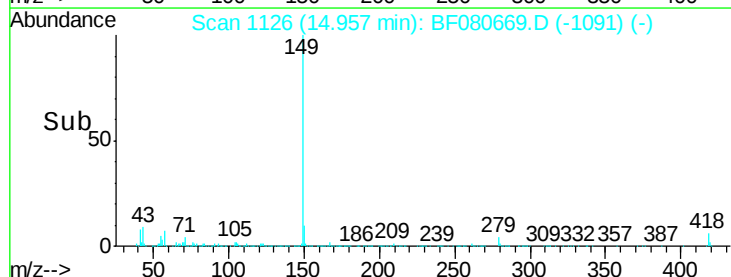
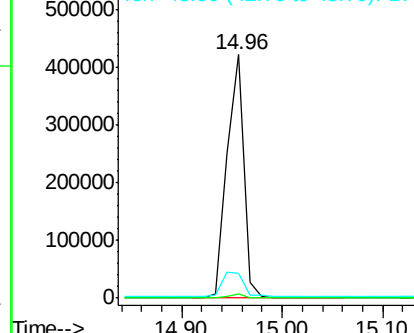
149 100

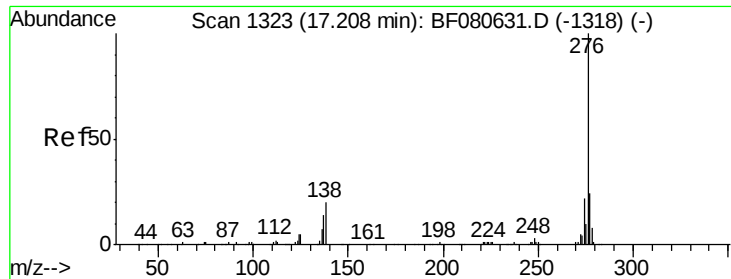
167 1.8 1.0 1.4#

43 13.0 10.1 15.1



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





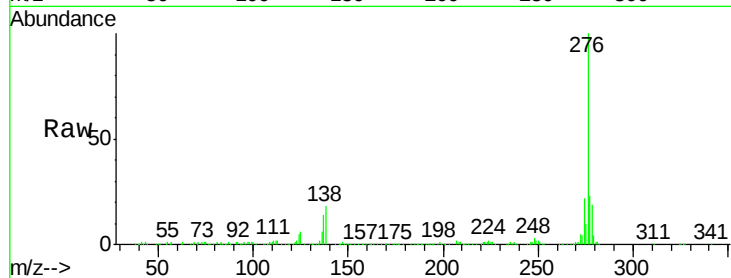
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.32 ng
RT: 17.36 min Scan# 1336
Delta R.T. 0.15 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

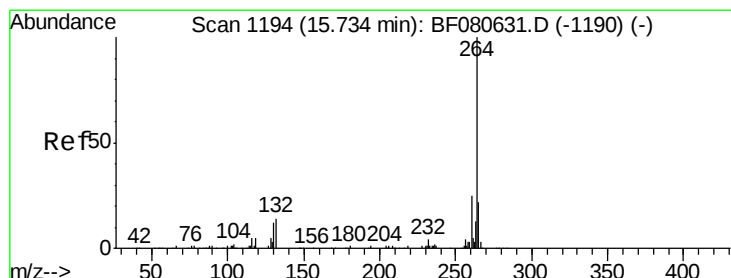
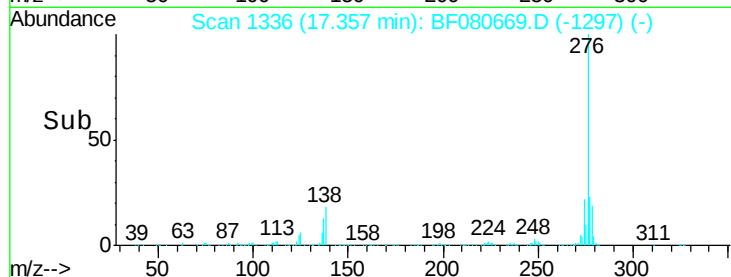
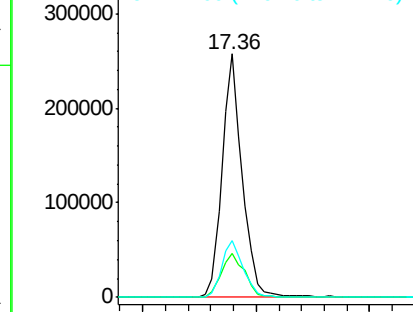
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.5	26.3
277	24.9	19.8	29.6

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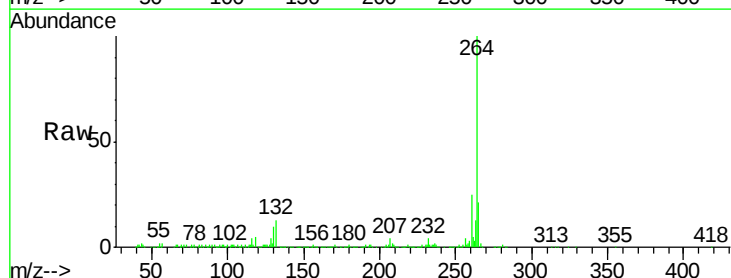


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

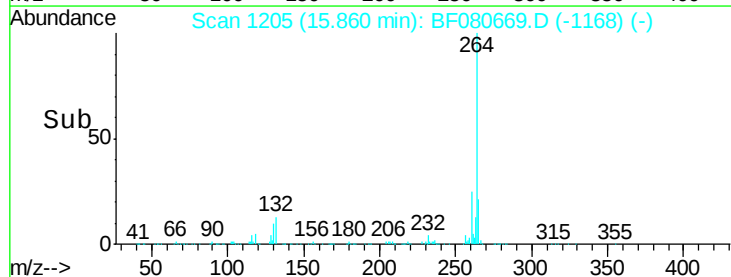
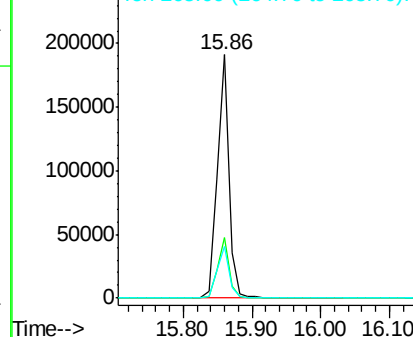


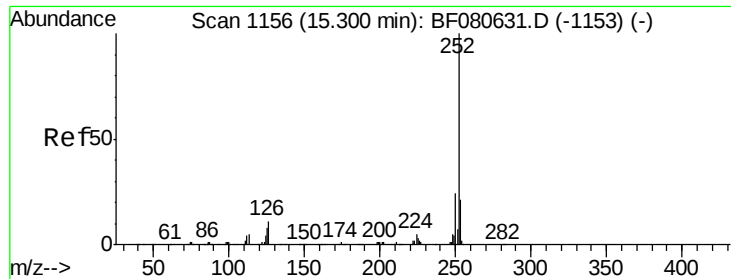
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.13 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.48 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.11 min

Lab File: BF080669.D

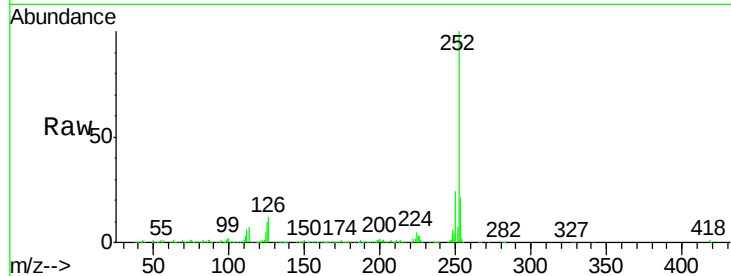
Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

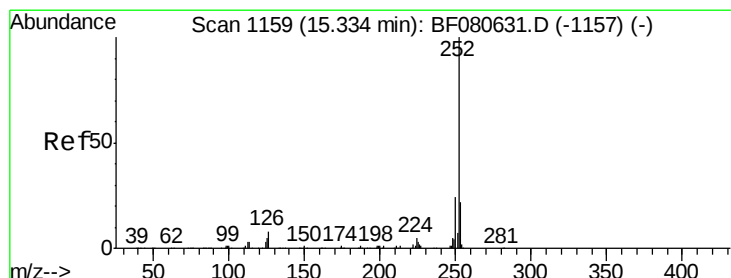
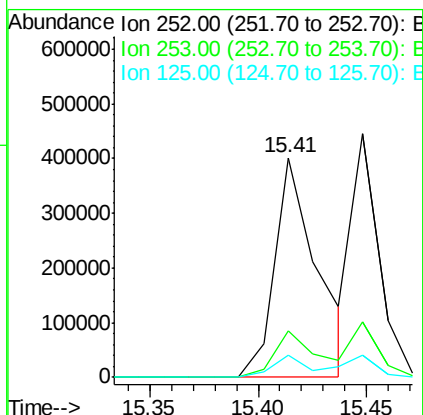
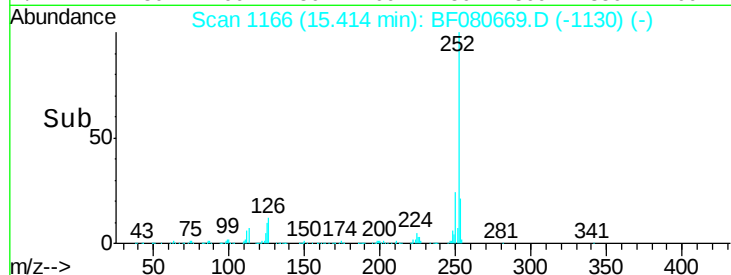
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.2	6.5	9.7#

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#88

Benzo(k)fluoranthene

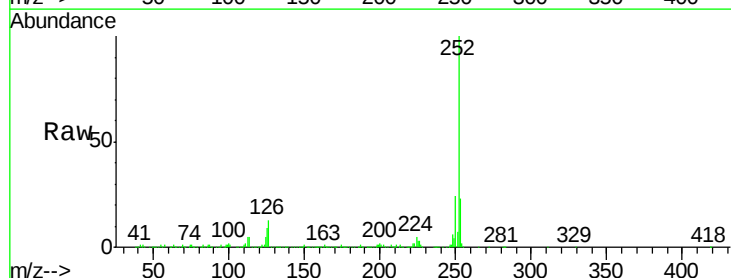
Concen: 31.01 ng m

RT: 15.45 min Scan# 1169

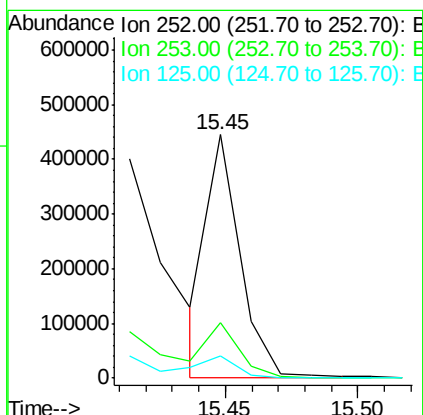
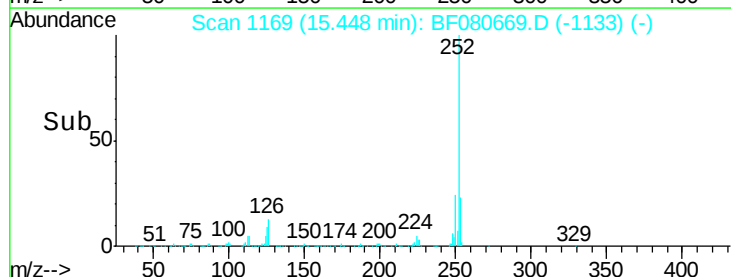
Delta R.T. 0.11 min

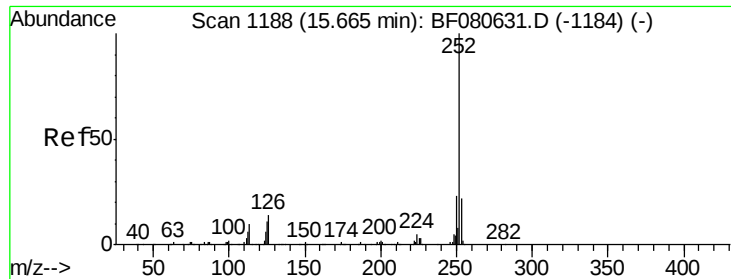
Lab File: BF080669.D

Acq: 25 Jul 2015 14:12



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.9	4.6	6.8#





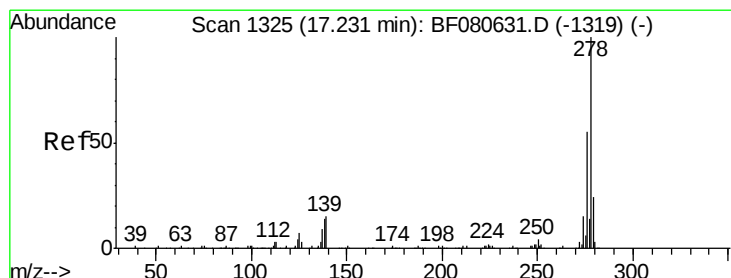
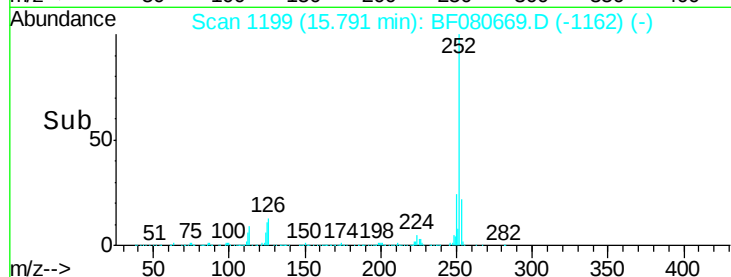
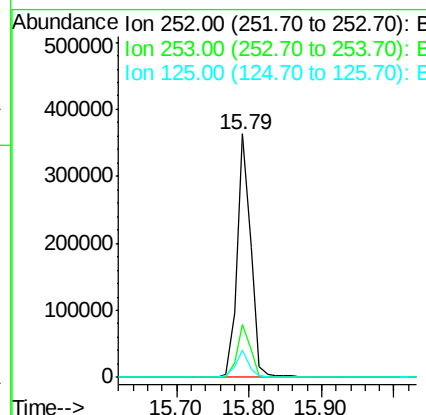
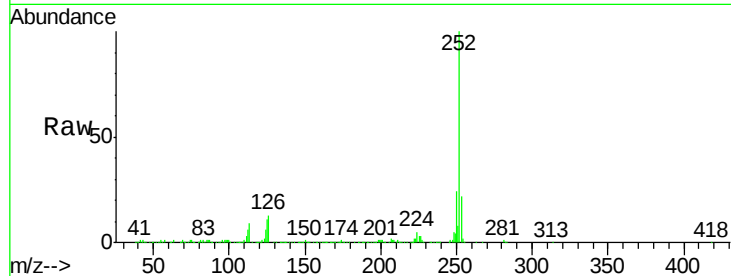
#89
Benzo(a)pyrene
Concen: 37.53 ng
RT: 15.79 min Scan# 1199
Delta R.T. 0.13 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.2	9.1	13.7

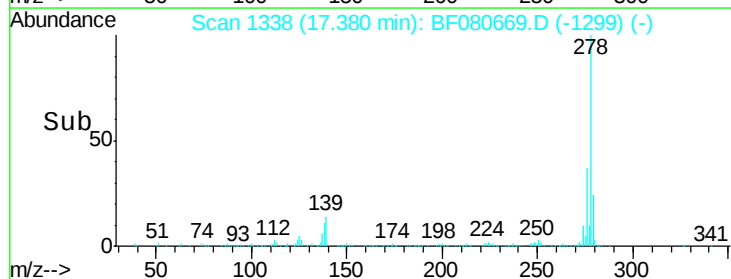
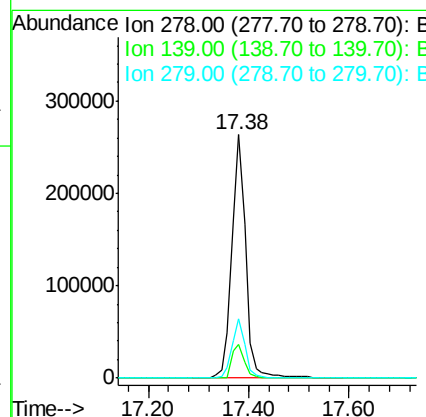
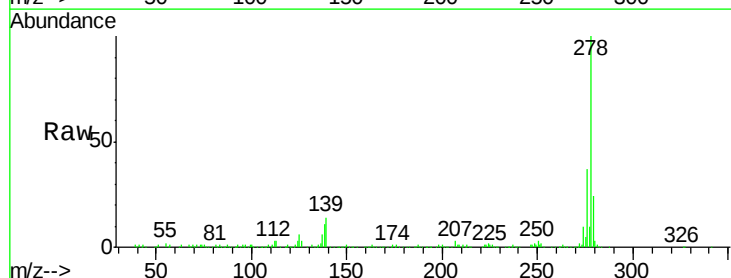
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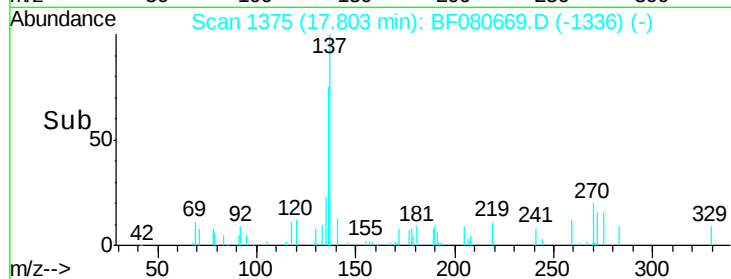
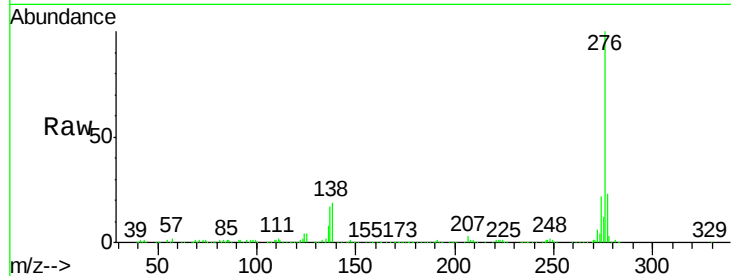
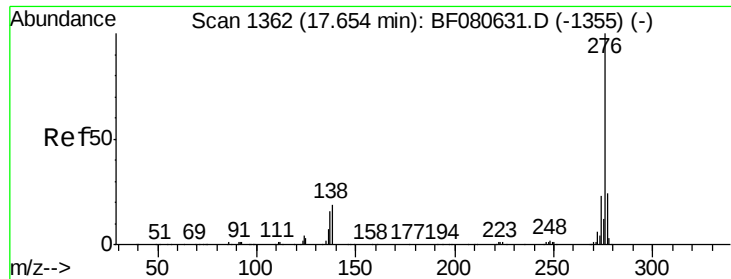
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#90
Dibenzo(a,h)anthracene
Concen: 38.47 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.15 min
Lab File: BF080669.D
Acq: 25 Jul 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.3	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 37.71 ng

RT: 17.80 min Scan# 1375

Delta R.T. 0.15 min

Lab File: BF080669.D

Acq: 25 Jul 2015 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	276	Resp:	506875
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	19.3	14.8	22.2

Manual Integrations
APPROVED

apatel
7/27/2015 4:24:23 PM

