

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081160.D
 Acq On : 21 Aug 2015 22:52
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 11:24:18 AM

Quant Time: Aug 22 00:23:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60725	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	239610	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	118573	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	226241	20.00	ng	0.00
75) Chrysene-d12	13.67	240	151778	20.00	ng	0.00
86) Perylene-d12	15.00	264	123650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	323300	80.08	ng	0.01
7) Phenol-d6	6.21	99	405851	77.05	ng	0.00
23) Nitrobenzene-d5	7.13	82	414535	79.03	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	75585	73.54	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	727072	80.34	ng	0.00
78) Terphenyl-d14	12.64	244	677016	95.63	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	71402	37.53	ng	92
3) Pyridine	2.56	79	192378	35.83	ng	# 79
4) n-Nitrosodimethylamine	2.52	42	117138	39.18	ng	# 79
6) Aniline	6.22	93	292276	38.16	ng	# 54
8) 2-Chlorophenol	6.34	128	183370	41.49	ng	# 83
9) Benzaldehyde	6.09	77	132411	38.99	ng	99
10) Phenol	6.22	94	215494	34.64	ng	# 73
11) bis(2-Chloroethyl)ether	6.31	93	198331	41.55	ng	94
12) 1,3-Dichlorobenzene	6.49	146	178419m	37.58	ng	
13) 1,4-Dichlorobenzene	6.57	146	186991	39.77	ng	94
14) 1,2-Dichlorobenzene	6.73	146	180109	40.93	ng	91
15) Benzyl Alcohol	6.71	79	163211	38.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	383067	40.84	ng	98
17) 2-Methylphenol	6.84	107	150103	39.59	ng	96
18) Hexachloroethane	7.06	117	66913	35.22	ng	# 90
19) n-Nitroso-di-n-propylamine	7.00	70	156813	42.97	ng	89
20) 3+4-Methylphenols	7.00	107	200166	41.59	ng	# 45
22) Acetophenone	6.98	105	274437	43.63	ng	# 85
24) Nitrobenzene	7.16	77	226946	41.38	ng	# 87
25) Isophorone	7.40	82	399695	40.86	ng	97
26) 2-Nitrophenol	7.46	139	82835	36.32	ng	86
27) 2,4-Dimethylphenol	7.52	122	171045	42.39	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	223894	38.75	ng	100
29) 2,4-Dichlorophenol	7.72	162	151924	44.72	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	158524	41.99	ng	99
31) Naphthalene	7.86	128	500117	37.44	ng	99
32) Benzoic acid	7.66	122	95395	42.03	ng	93
33) 4-Chloroaniline	7.92	127	207871	36.89	ng	99
34) Hexachlorobutadiene	7.99	225	87223	40.85	ng	99
35) Caprolactam	8.31	113	47583	40.08	ng	# 84
36) 4-Chloro-3-methylphenol	8.41	107	159021	39.28	ng	95
37) 2-Methylnaphthalene	8.56	142	353832	41.94	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	139490	36.46	ng	97
40) Hexachlorocyclopentadiene	8.71	237	21258	10.74	ng	96

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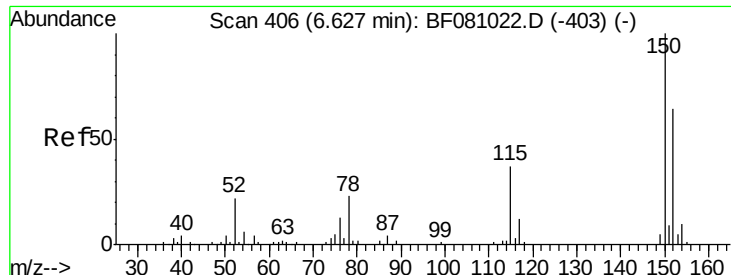
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	98222	36.34	ng	100
43) 2,4,5-Trichlorophenol	8.88	196	114150	42.26	ng	96
45) 1,1'-Biphenyl	9.02	154	372030	35.62	ng	95
46) 2-Chloronaphthalene	9.04	162	333129	39.70	ng	96
47) 2-Nitroaniline	9.14	65	152577	44.44	ng	# 86
48) Acenaphthylene	9.45	152	588672	39.22	ng	98
49) Dimethylphthalate	9.34	163	383341	39.26	ng	99
50) 2,6-Dinitrotoluene	9.38	165	74168	35.38	ng	# 53
51) Acenaphthene	9.62	154	339423	37.77	ng	99
52) 3-Nitroaniline	9.56	138	116203	44.29	ng	86
53) 2,4-Dinitrophenol	9.66	184	6508	9.19	ng	# 71
54) Dibenzofuran	9.80	168	458748	38.10	ng	99
55) 4-Nitrophenol	9.73	139	76846	41.70	ng	# 57
56) 2,4-Dinitrotoluene	9.78	165	90586	32.60	ng	# 63
57) Fluorene	10.13	166	321232	34.68	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.91	232	77578m	37.11	ng	
59) Diethylphthalate	10.02	149	383956	37.15	ng	98
60) 4-Chlorophenyl-phenylether	10.13	204	147565	37.65	ng	96
61) 4-Nitroaniline	10.16	138	104973	39.15	ng	93
62) Azobenzene	10.29	77	476958	40.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	12420	9.19	ng	# 47
65) n-Nitrosodiphenylamine	10.25	169	338981	41.97	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	94837	42.67	ng	93
67) Hexachlorobenzene	10.68	284	98327	43.68	ng	95
68) Atrazine	10.78	200	88797	39.46	ng	96
69) Pentachlorophenol	10.87	266	52686	39.01	ng	96
70) Phenanthrene	11.08	178	473602	35.32	ng	100
71) Anthracene	11.13	178	545138	41.78	ng	99
72) Carbazole	11.29	167	527477	41.99	ng	100
73) Di-n-butylphthalate	11.64	149	627153	41.26	ng	99
74) Fluoranthene	12.25	202	477498	33.00	ng	93
76) Benzidine	12.39	184	282230	49.22	ng	99
77) Pyrene	12.48	202	554673	44.95	ng	100
79) Butylbenzylphthalate	13.12	149	257550	48.56	ng	98
80) Benzo(a)anthracene	13.66	228	407546	40.04	ng	100
81) 3,3'-Dichlorobenzidine	13.64	252	149771	45.43	ng	# 96
82) Chrysene	13.69	228	306454	33.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	367159	54.05	ng	100
84) Di-n-octyl phthalate	14.29	149	569878	55.19	ng	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	303607	47.14	ng	# 94
87) Benzo(b)fluoranthene	14.65	252	378243m	43.25	ng	
88) Benzo(k)fluoranthene	14.68	252	267701m	32.85	ng	
89) Benzo(a)pyrene	14.95	252	313648	41.16	ng	98
90) Dibenzo(a,h)anthracene	16.20	278	251745	42.39	ng	# 93
91) Benzo(g,h,i)perylene	16.54	276	225896	37.50	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081160.D

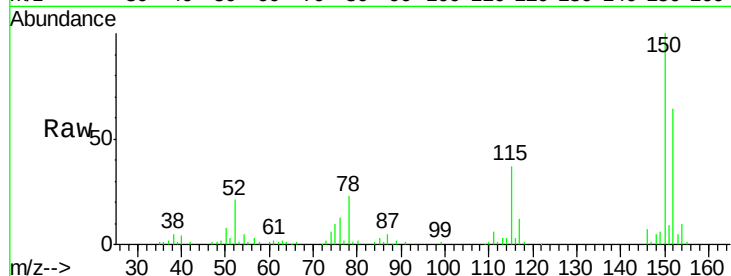
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 152 Resp: 60725

Ion Ratio Lower Upper

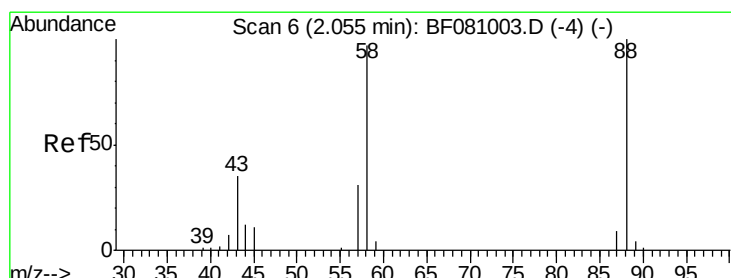
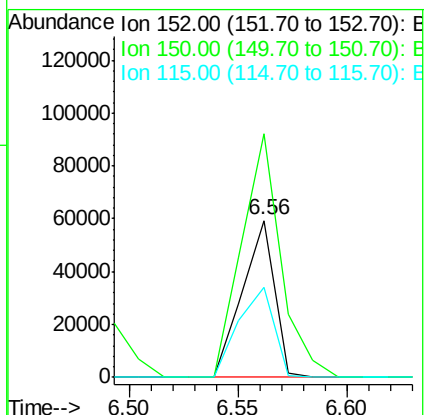
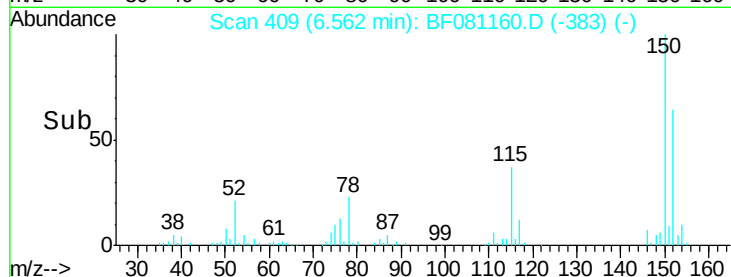
152 100

150 155.3 123.8 185.6

115 57.4 52.1 78.1

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#2

1,4-Dioxane

Concen: 37.53 ng

RT: 1.94 min Scan# 5

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

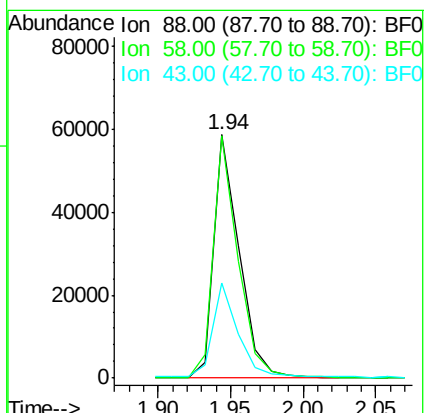
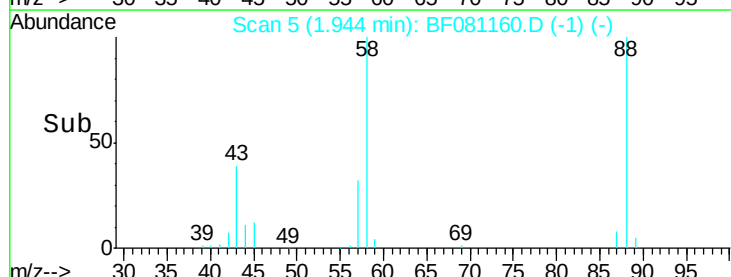
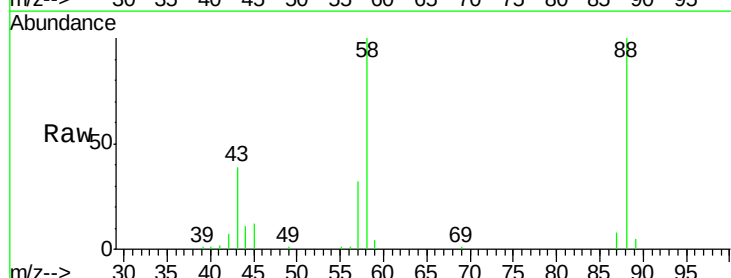
Tgt Ion: 88 Resp: 71402

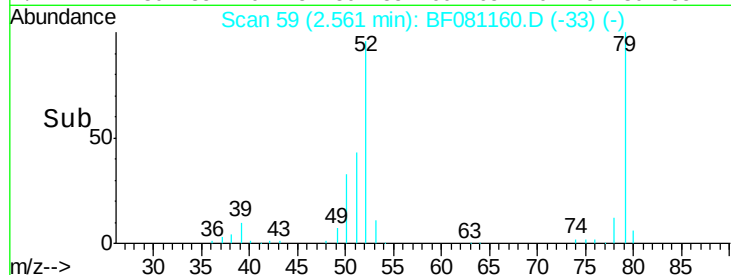
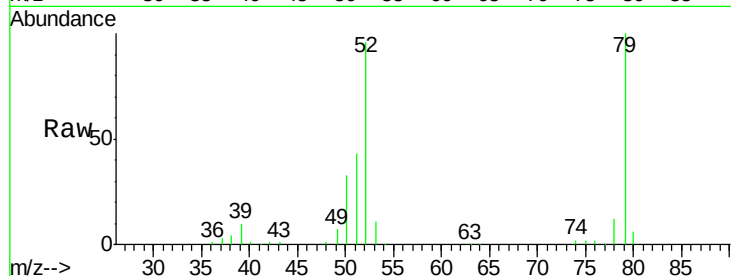
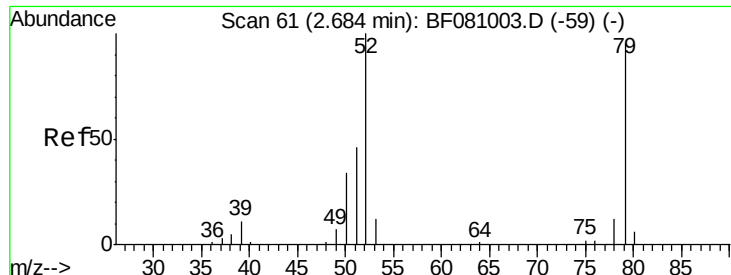
Ion Ratio Lower Upper

88 100

58 97.1 83.7 125.5

43 41.2 37.5 56.3





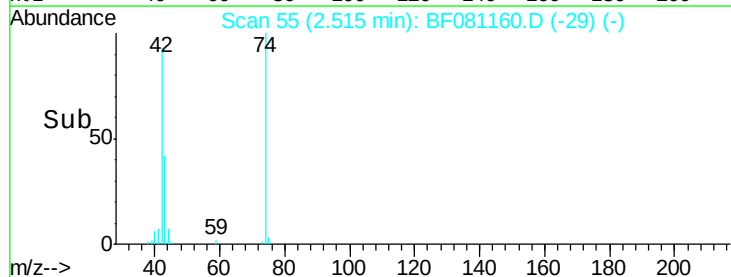
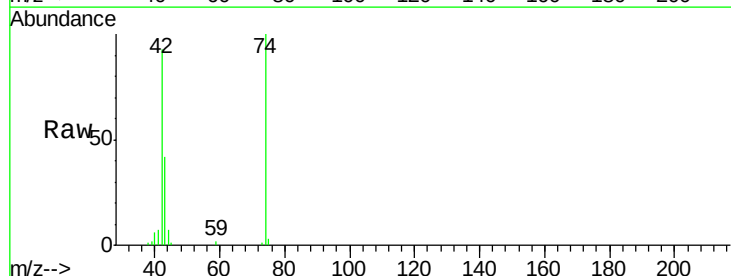
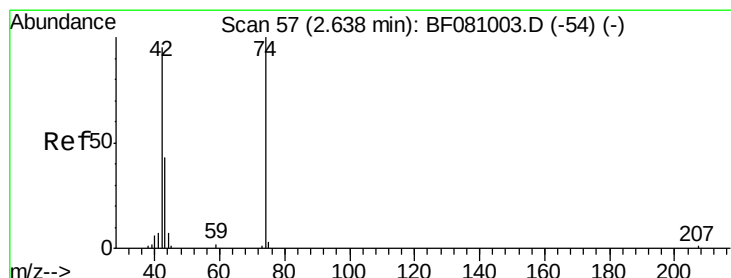
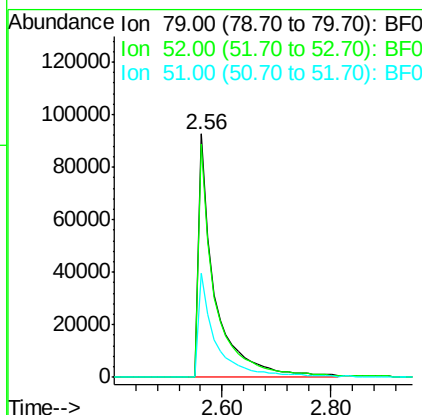
#3
 Pyridine
 Concen: 35.83 ng
 RT: 2.56 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
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 ClientSampleId :
 SSTDCCC040EC

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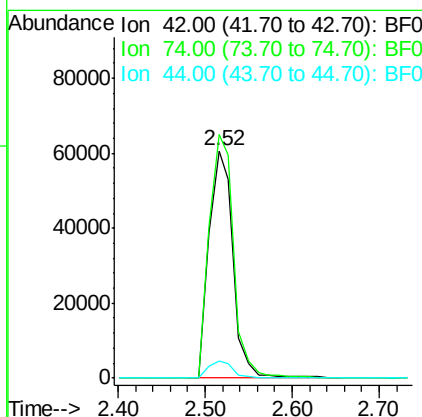
MMDadoda
 8/24/2015 11:24:18 AM

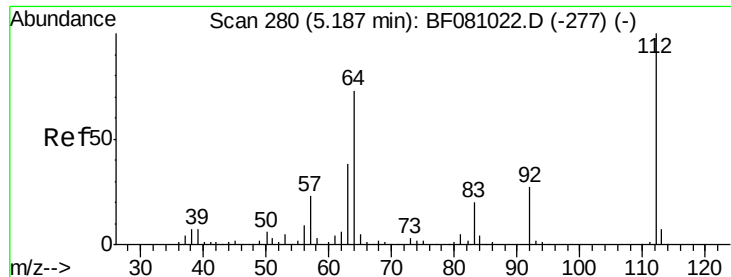
Tgt Ion	Ratio	Lower	Upper
79	100		
52	96.0	95.1	142.7
51	42.9	46.6	70.0#



#4
 n-Nitrosodimethylamine
 Concen: 39.18 ng
 RT: 2.52 min Scan# 55
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.1	69.3	103.9#
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 80.08 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF081160.D

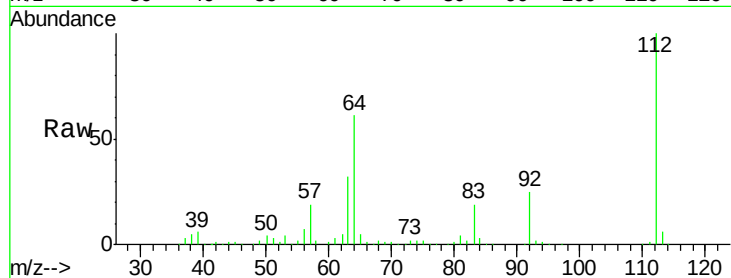
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 112 Resp: 323300

Ion Ratio Lower Upper

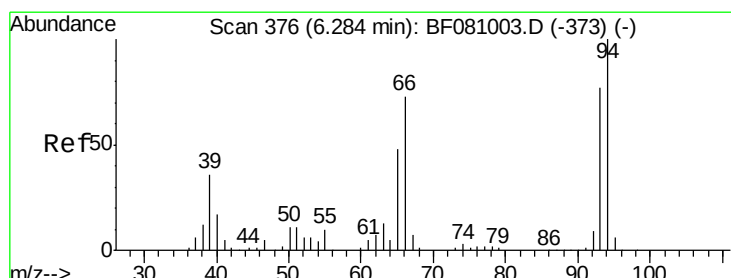
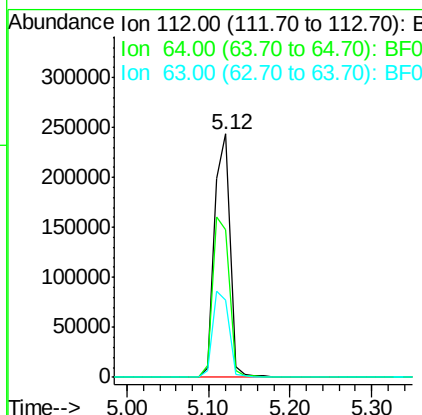
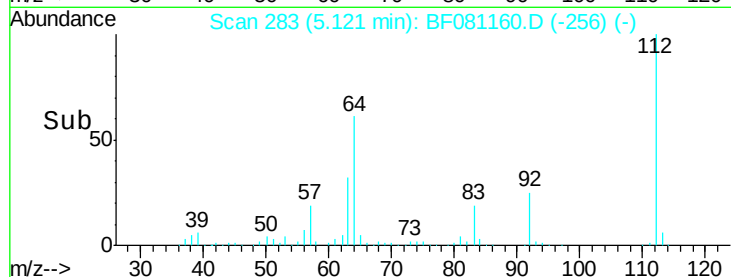
112 100

64 60.9 66.9 100.3#

63 31.9 38.1 57.1#

Manual Integrations
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#6

Aniline

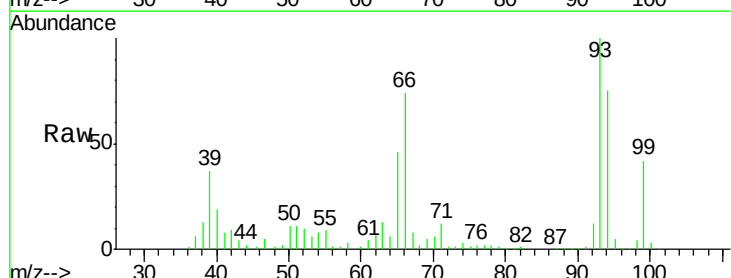
Concen: 38.16 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52



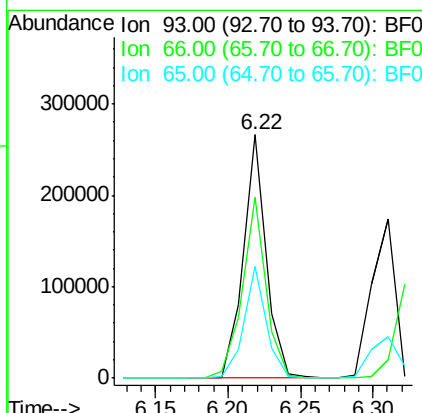
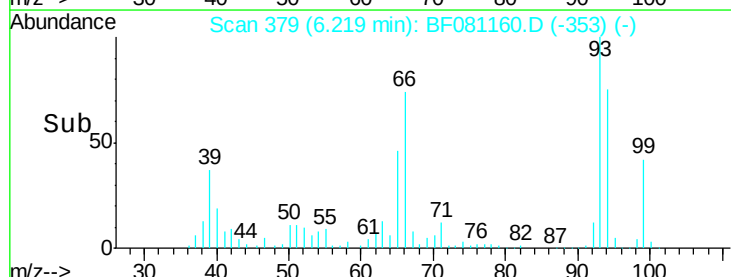
Tgt Ion: 93 Resp: 292276

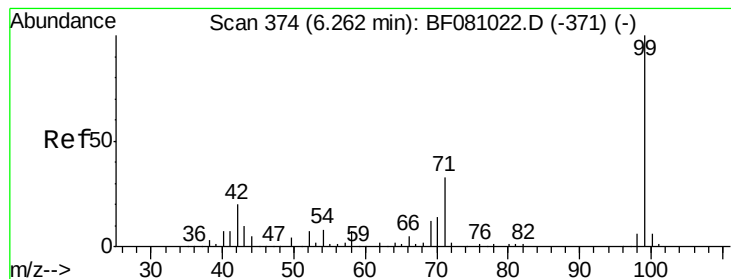
Ion Ratio Lower Upper

93 100

66 74.2 35.6 53.4#

65 45.8 18.7 28.1#





#7

Phenol-d6

Concen: 77.05 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

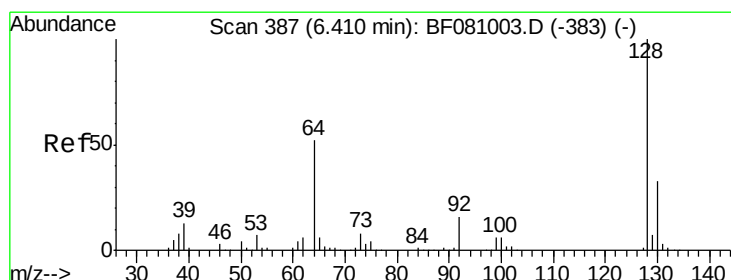
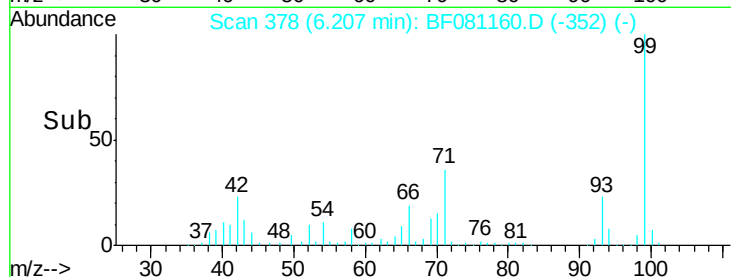
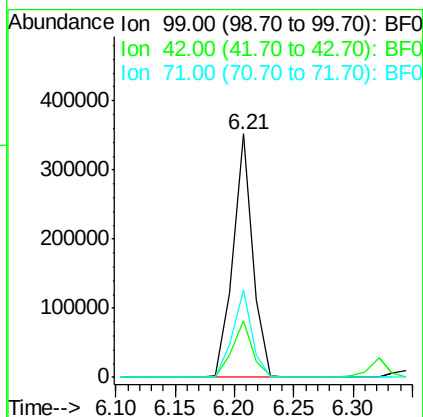
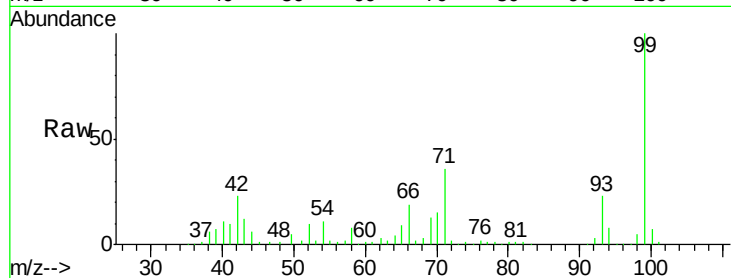
ClientSampleId :

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Tgt Ion:	99	Resp:	405851
Ion Ratio	Lower	Upper	
99	100		
42	23.5	19.6	29.4
71	35.8	31.2	46.8

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#8

2-Chlorophenol

Concen: 41.49 ng

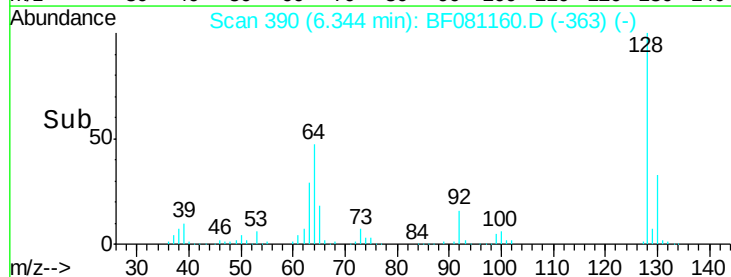
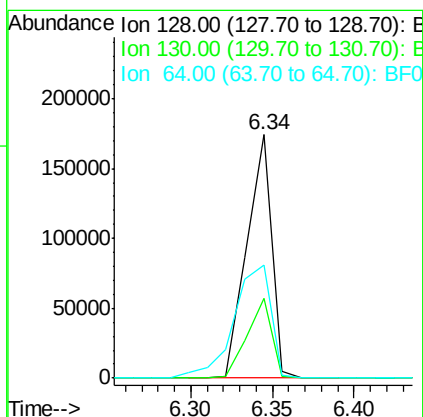
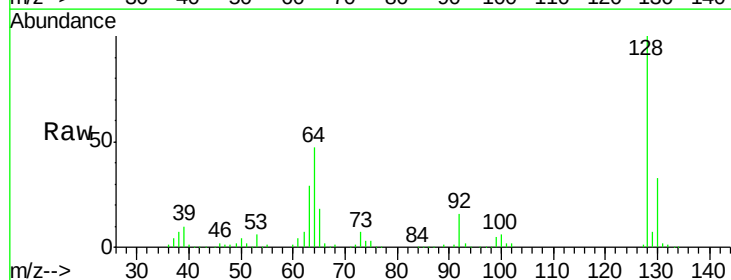
RT: 6.34 min Scan# 390

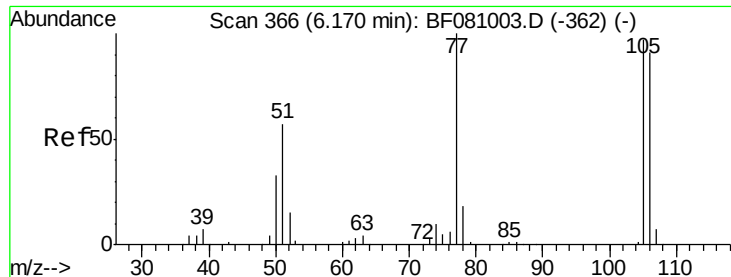
Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	128	Resp:	183370
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.5	52.5
64	46.6	46.8	86.8#





#9

Benzaldehyde

Concen: 38.99 ng

RT: 6.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF081160.D

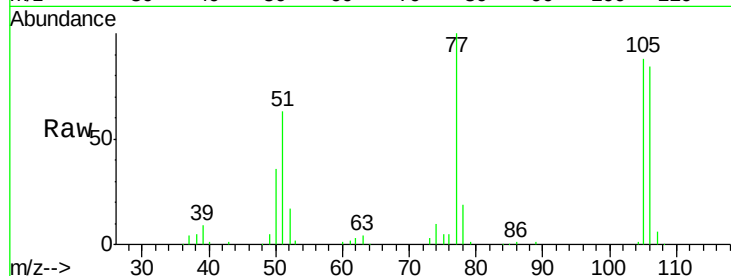
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

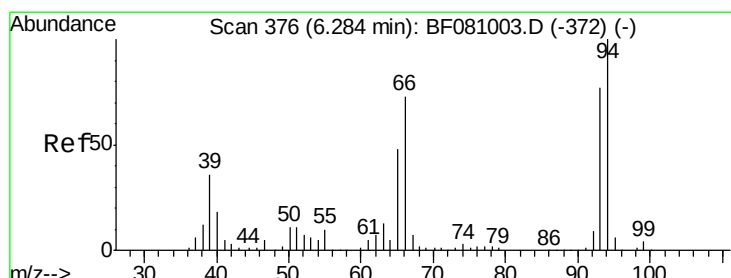
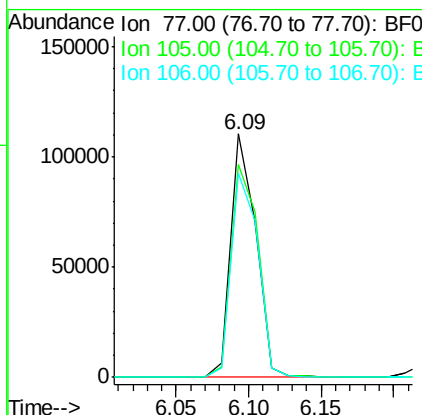
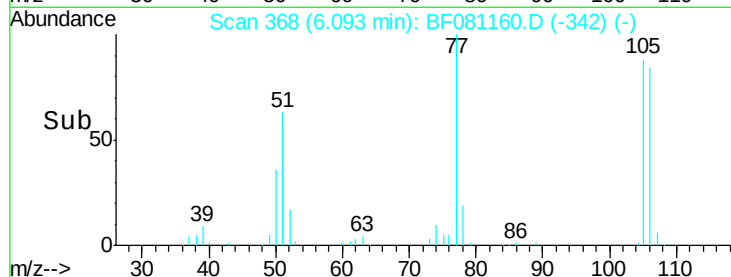
SSTDCCC040EC



Tgt Ion:	77	Resp:	132411
Ion	Ratio	Lower	Upper
77	100		
105	87.6	69.6	109.6
106	83.8	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 34.64 ng

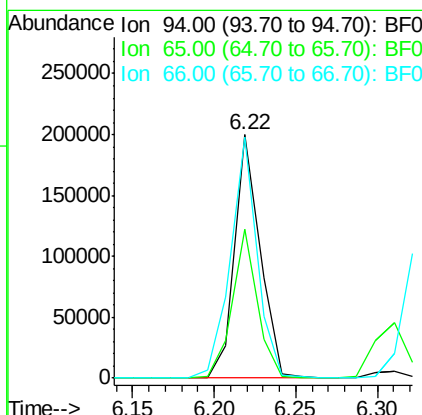
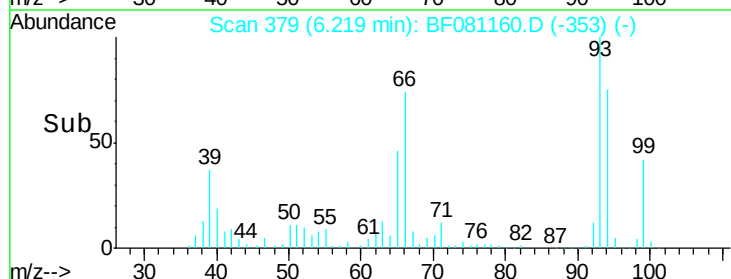
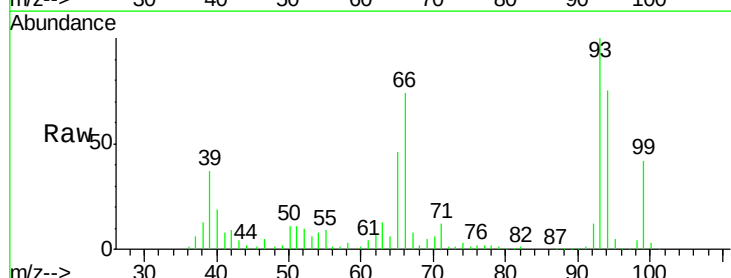
RT: 6.22 min Scan# 379

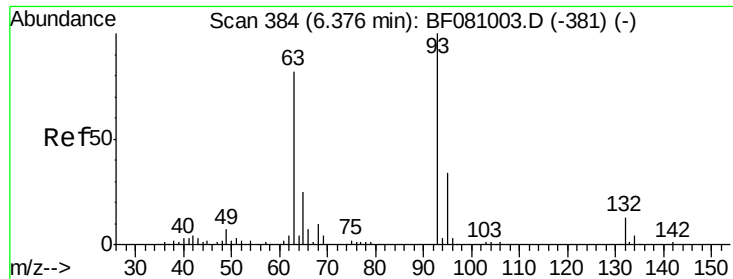
Delta R.T. -0.00 min

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Acq: 21 Aug 2015 22:52

Tgt Ion:	94	Resp:	215494
Ion	Ratio	Lower	Upper
94	100		
65	61.0	28.4	68.4
66	98.9	52.3	92.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.55 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 198331
Ion Ratio Lower Upper

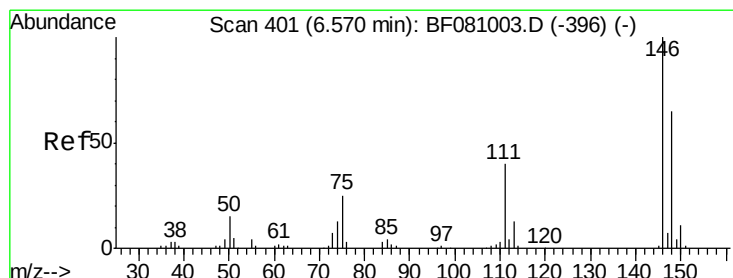
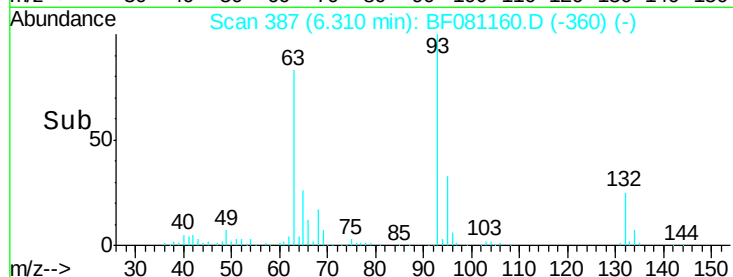
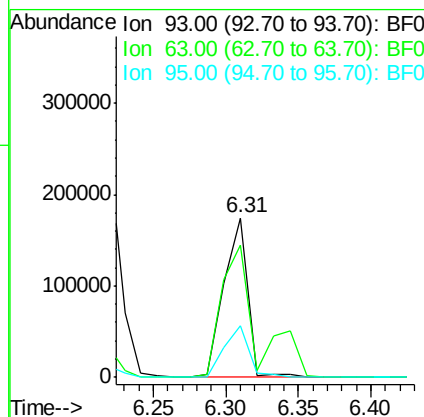
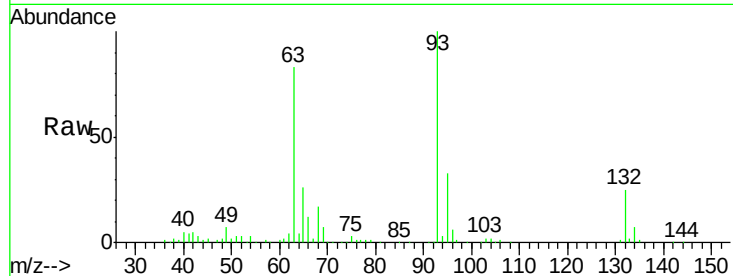
93 100

63 82.8 69.6 109.6

95 32.7 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 37.58 ng m

RT: 6.49 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF081160.D

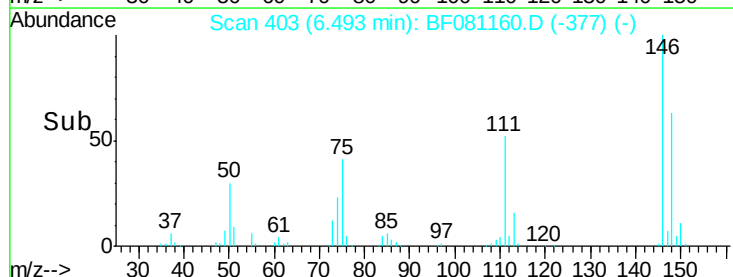
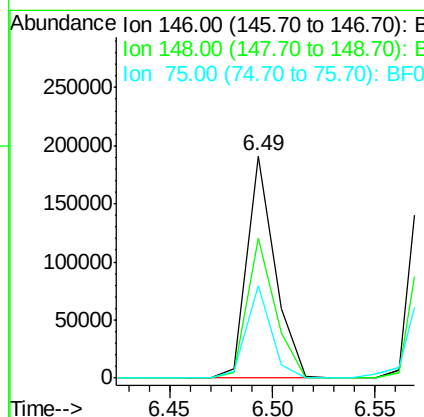
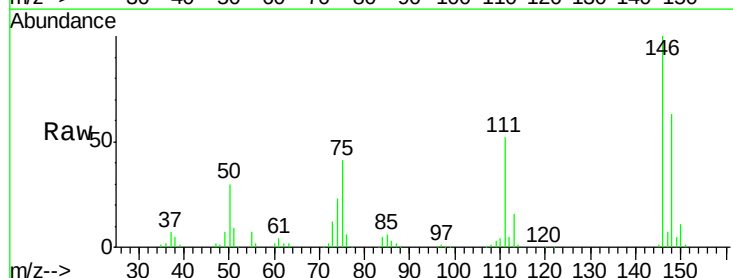
Acq: 21 Aug 2015 22:52

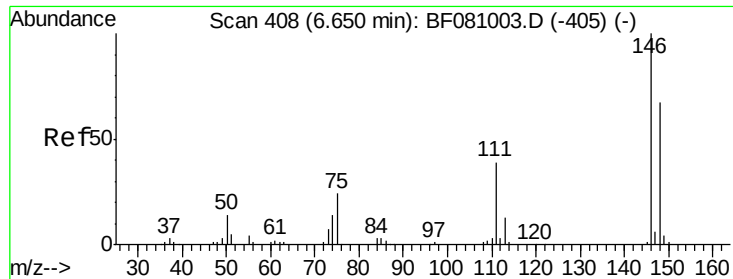
Tgt Ion: 146 Resp: 178419
Ion Ratio Lower Upper

146 100

148 63.2 53.3 79.9

75 41.5 25.0 37.6#





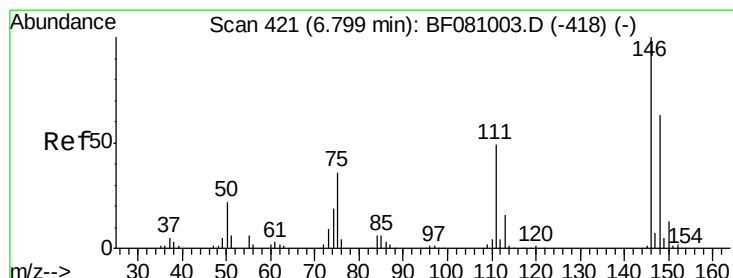
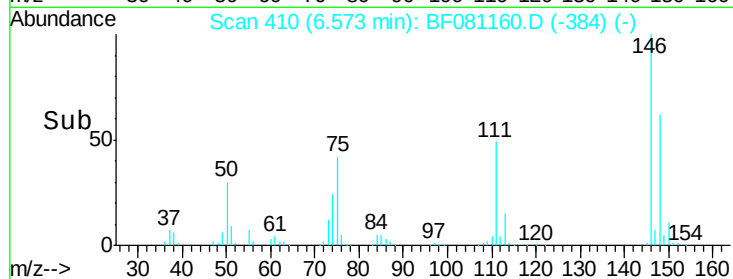
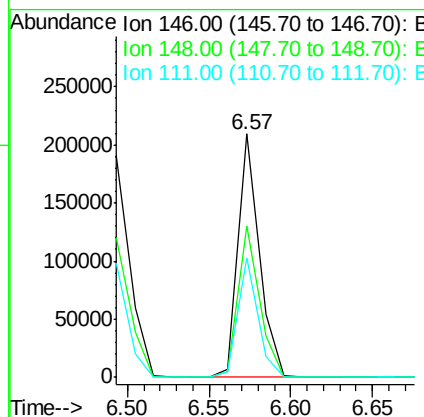
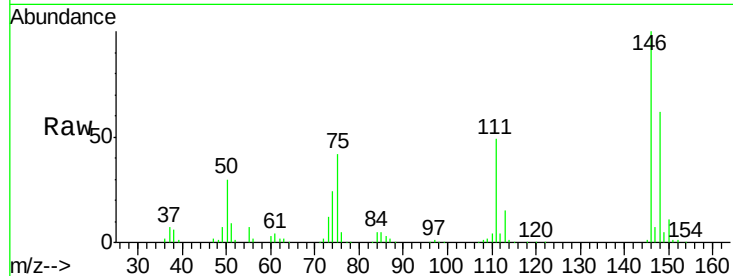
#13
 1,4-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	49.3	34.4	51.6

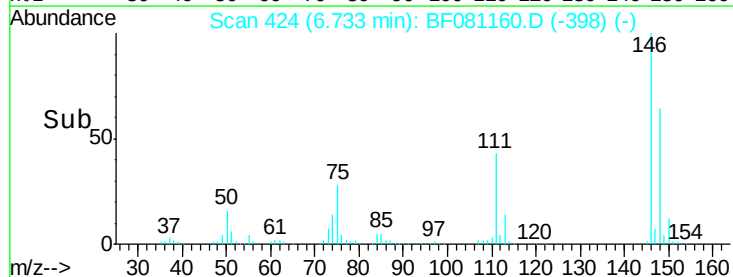
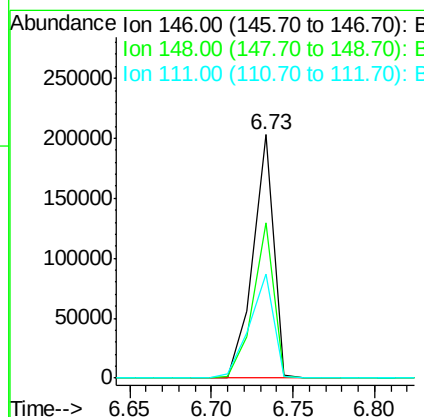
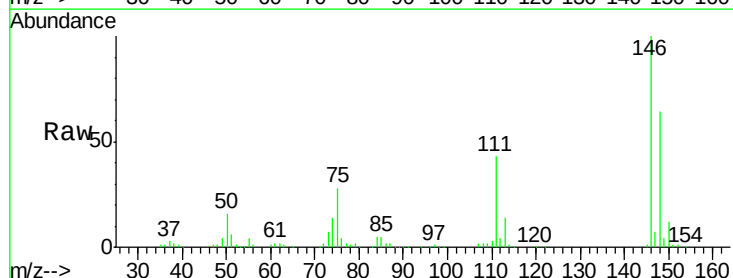
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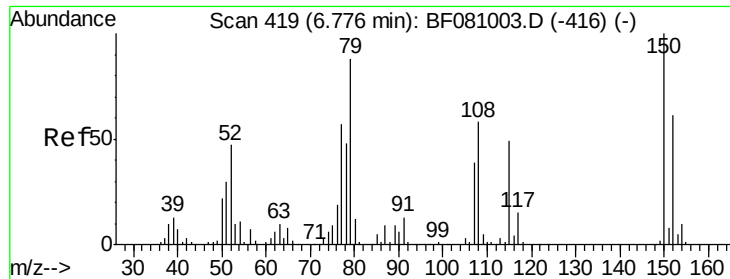
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#14
 1,2-Dichlorobenzene
 Concen: 40.93 ng
 RT: 6.73 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	48.7	73.1
111	43.0	42.3	63.5





#15

Benzyl Alcohol

Concen: 38.29 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

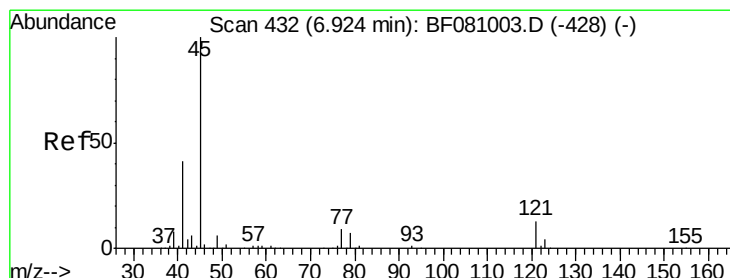
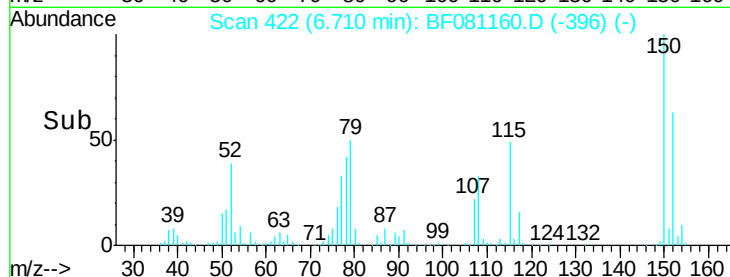
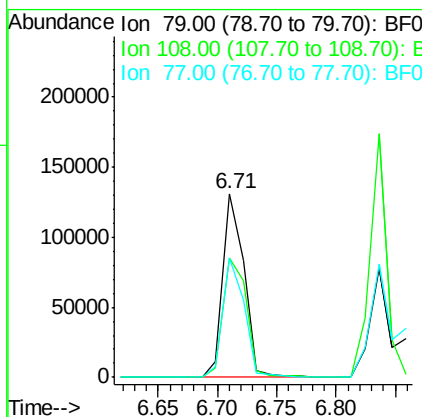
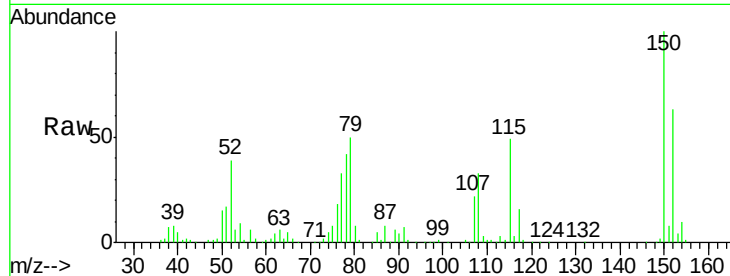
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	163211
Ion Ratio	Lower	Upper	
79	100		
108	64.9	49.4	74.2
77	65.0	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.84 ng

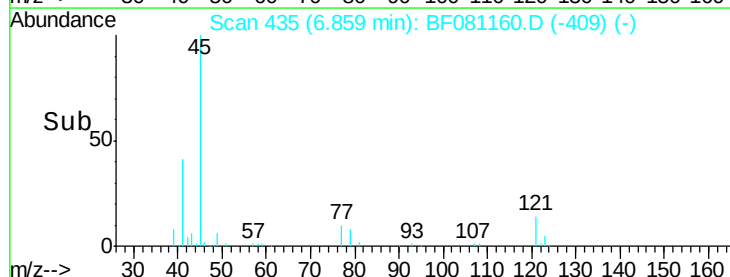
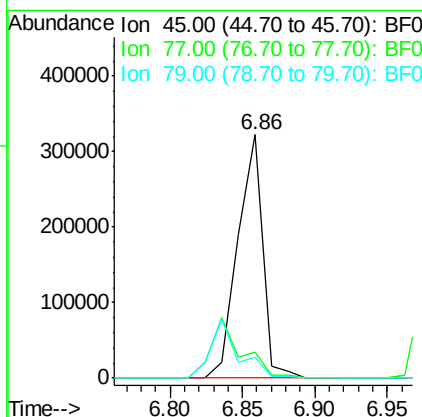
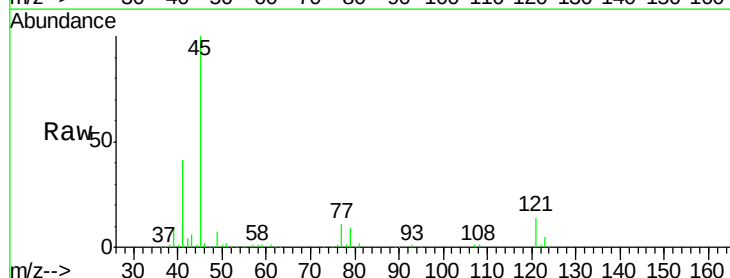
RT: 6.86 min Scan# 435

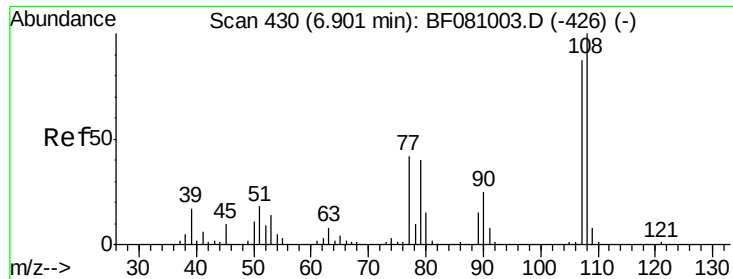
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	45	Resp:	383067
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.2
79	8.7	0.0	28.0





#17

2-Methylphenol

Concen: 39.59 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

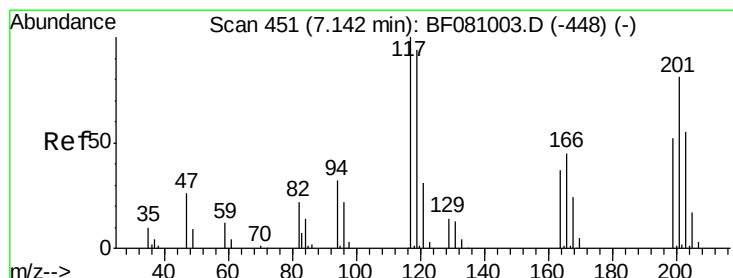
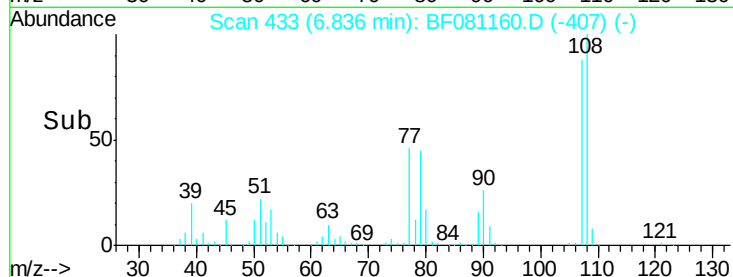
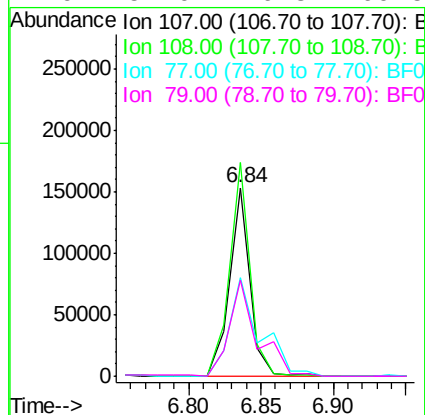
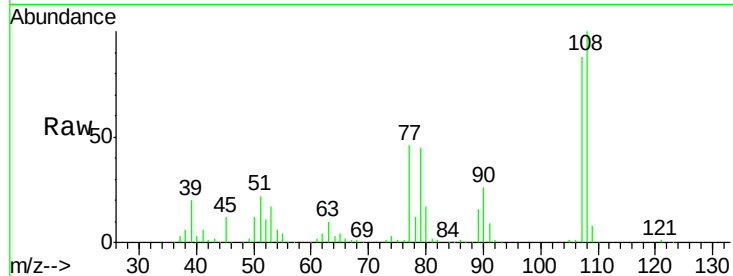
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	107	Resp:	150103
Ion Ratio	Lower	Upper	
107	100		
108	113.5	90.4	135.6
77	52.7	46.5	69.7
79	51.0	46.3	69.5



#18

Hexachloroethane

Concen: 35.22 ng

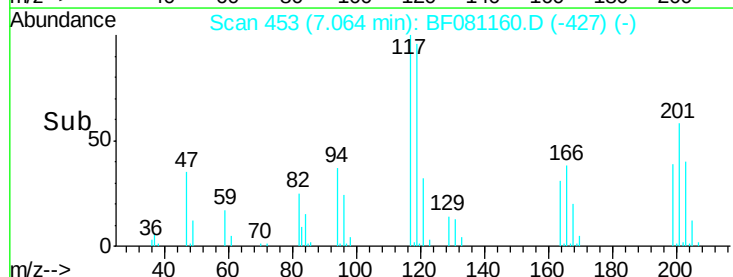
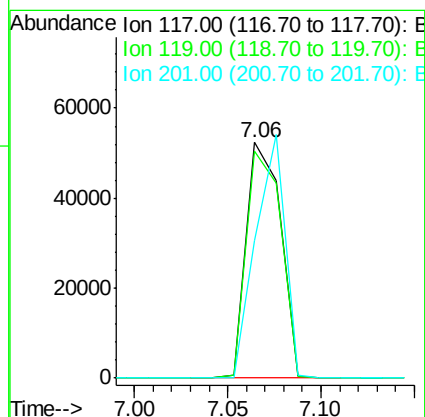
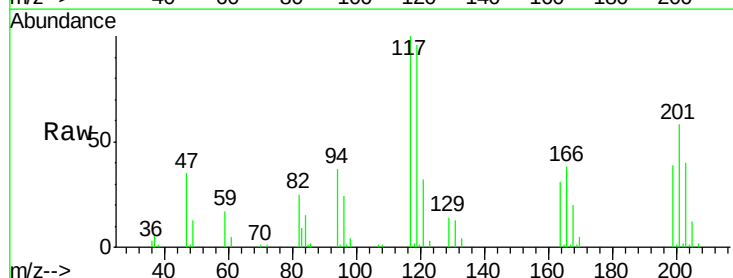
RT: 7.06 min Scan# 453

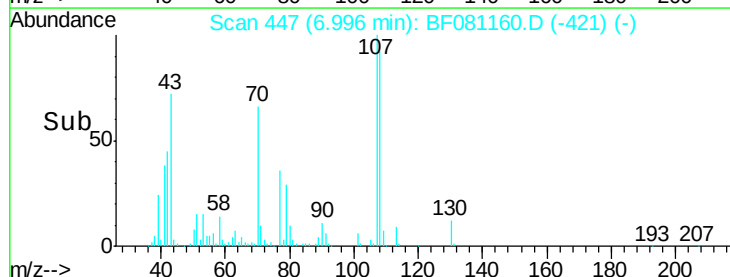
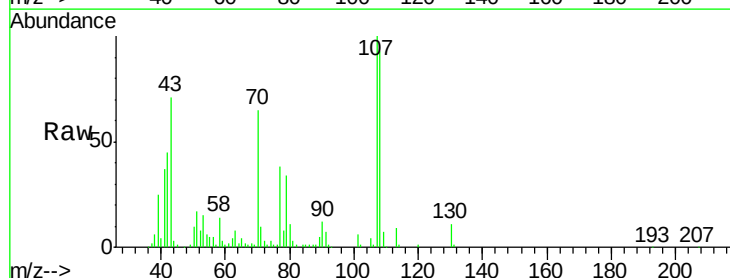
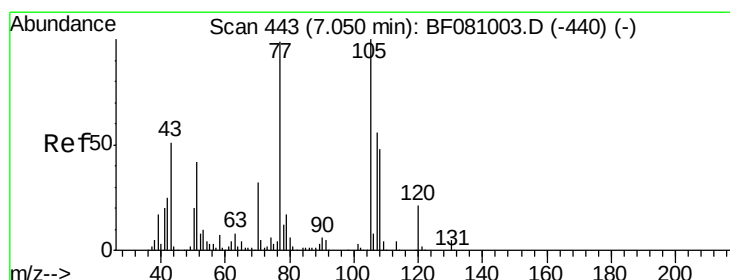
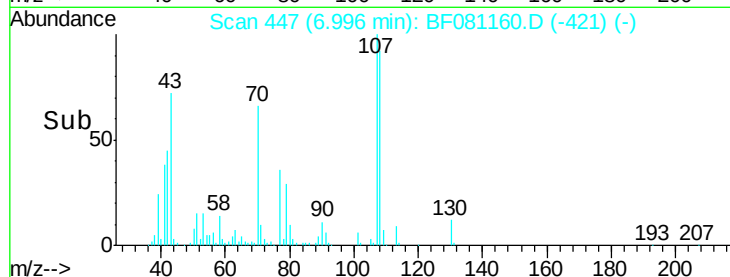
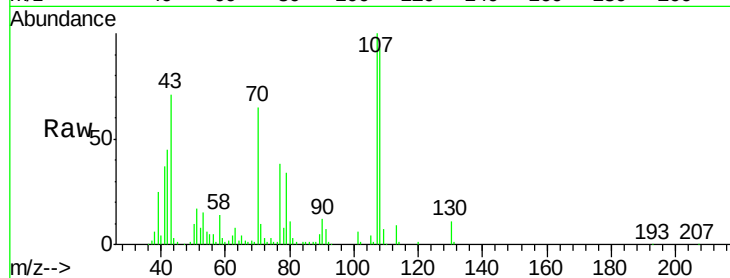
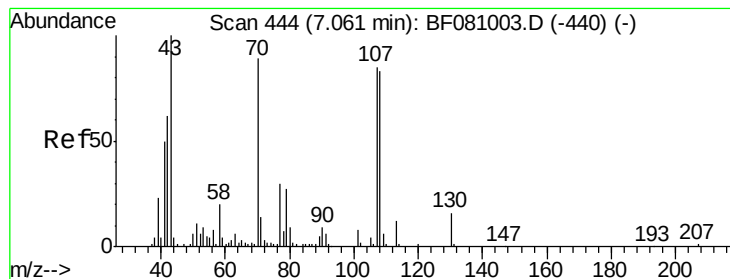
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	117	Resp:	66913
Ion Ratio	Lower	Upper	
117	100		
119	96.4	77.9	116.9
201	58.3	61.3	91.9#





#19

n-Nitroso-di-n-propylamine

Concen: 42.97 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

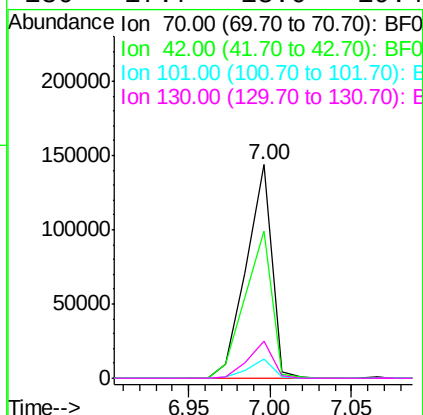
ClientSampleId :

SSTDCCC040EC

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		156813		
42	68.9	65.0	97.4		
101	8.8	7.4	11.2		
130	17.7	13.0	19.4		



#20

3+4-Methylphenols

Concen: 41.59 ng

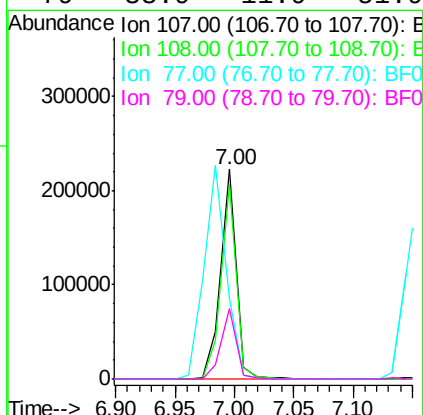
RT: 7.00 min Scan# 447

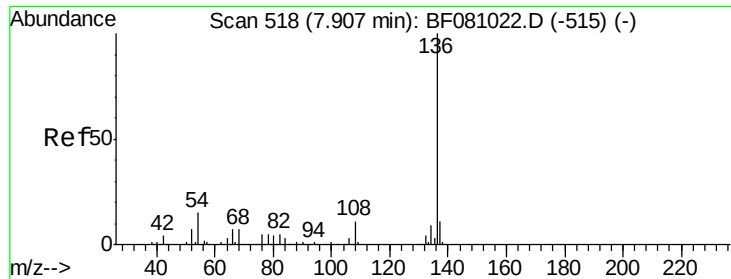
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		200166		
108	93.0	66.1	106.1		
77	38.5	139.3	179.3#		
79	33.9	11.9	51.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081160.D

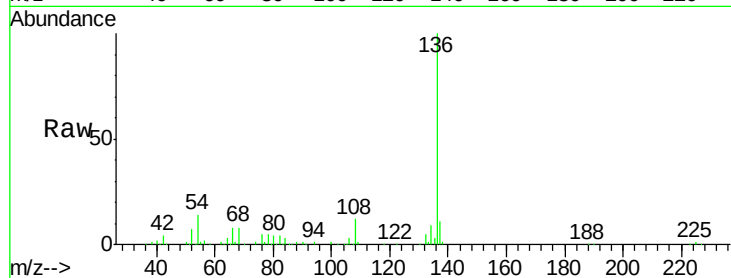
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

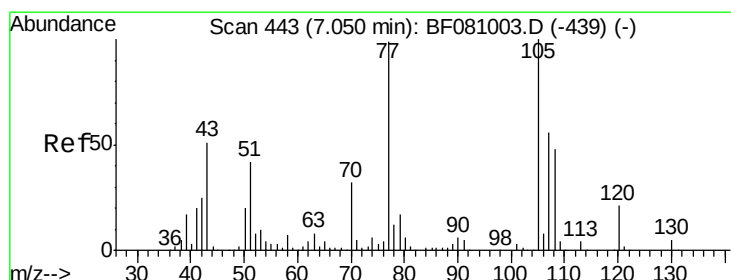
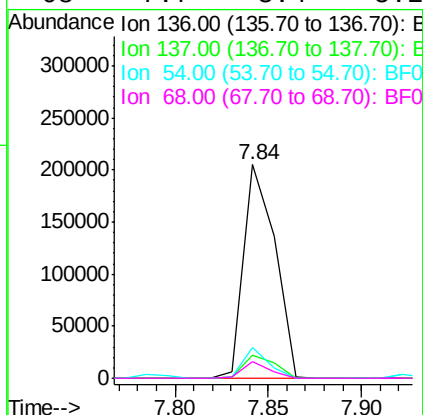
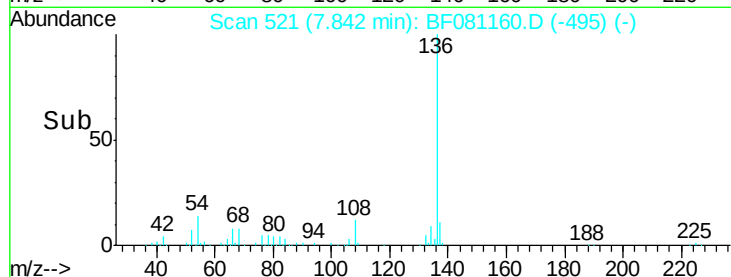
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	239610		
137	11.0	8.2	12.2	
54	14.3	7.7	11.5#	
68	7.7	3.4	5.2#	

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#22

Acetophenone

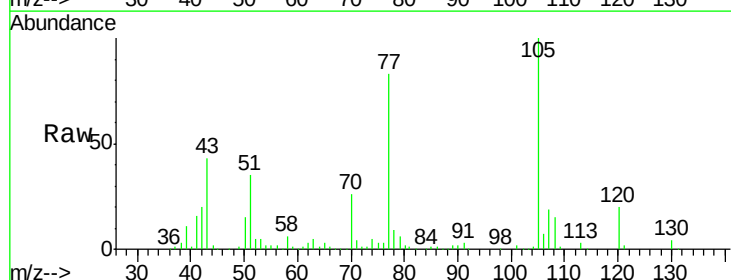
Concen: 43.63 ng

RT: 6.98 min Scan# 446

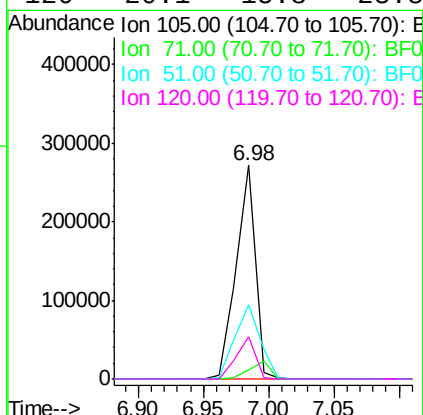
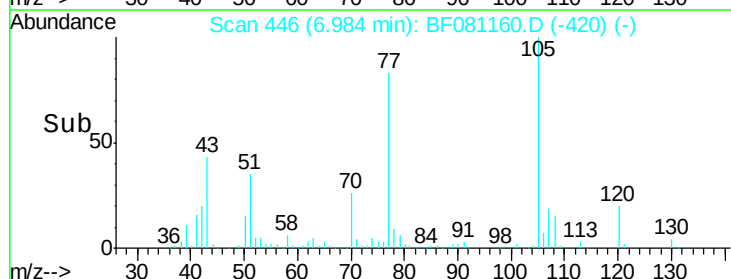
Delta R.T. -0.00 min

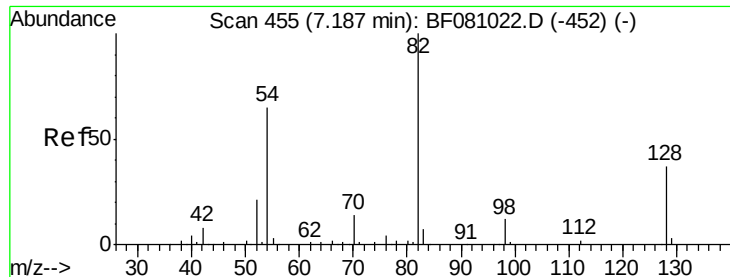
Lab File: BF081160.D

Acq: 21 Aug 2015 22:52



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274437		
71	4.2	3.0	4.6	
51	35.0	39.8	59.8#	
120	20.1	15.8	23.8	





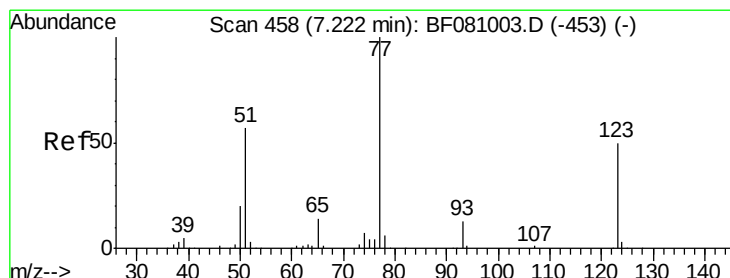
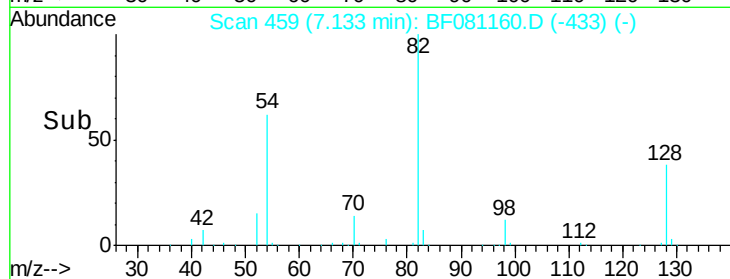
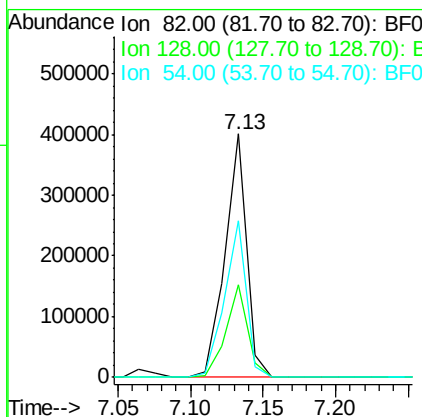
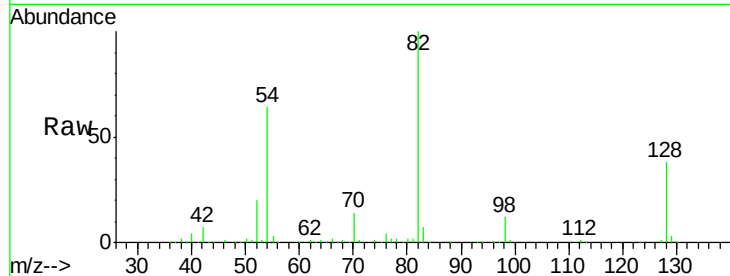
#23
 Nitrobenzene-d5
 Concen: 79.03 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.1	28.6	42.8
54	64.2	55.1	82.7

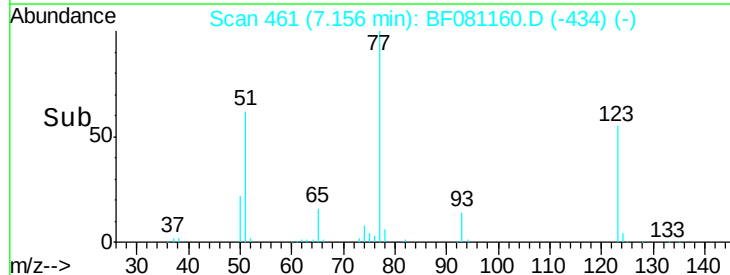
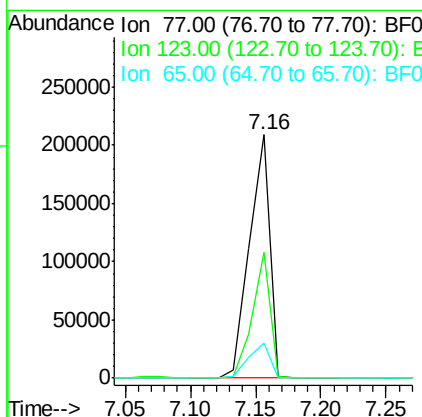
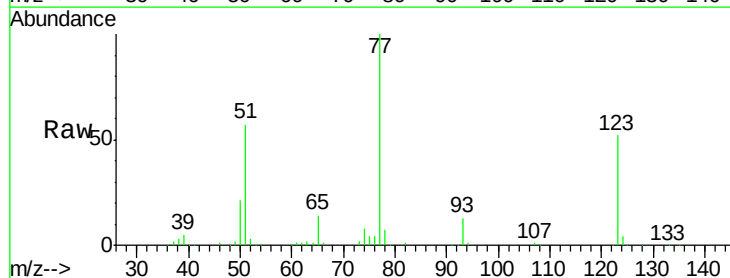
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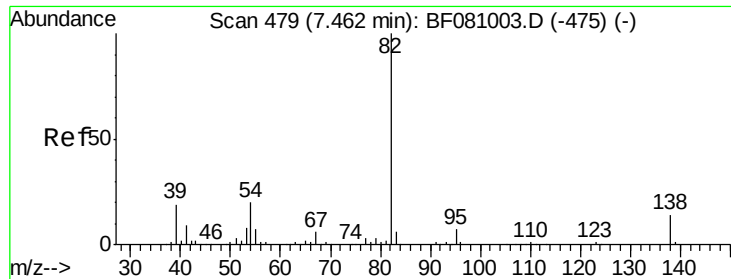
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#24
 Nitrobenzene
 Concen: 41.38 ng
 RT: 7.16 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	51.6	32.9	49.3#
65	14.3	12.5	18.7





#25

Isophorone

Concen: 40.86 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081160.D

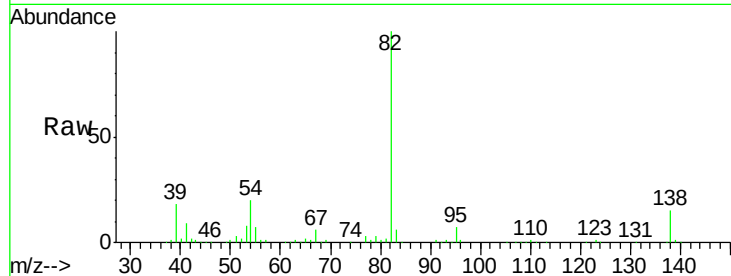
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

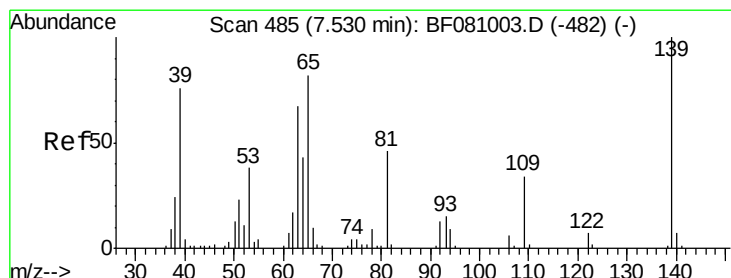
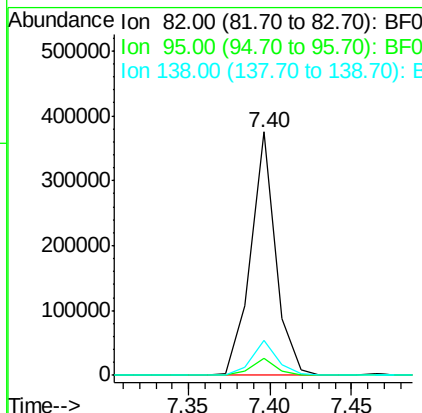
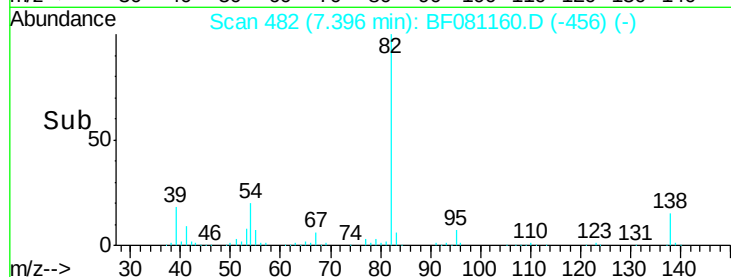
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	399695		
95	7.0	6.2	9.2	
138	14.5	10.5	15.7	

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#26

2-Nitrophenol

Concen: 36.32 ng

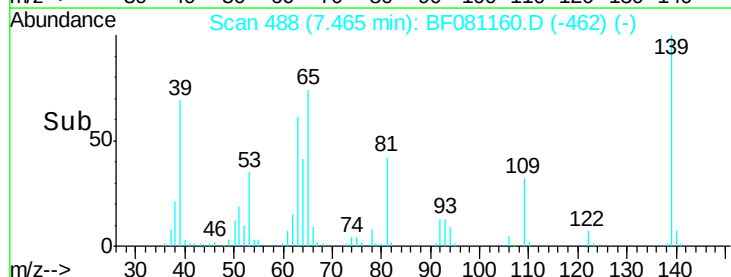
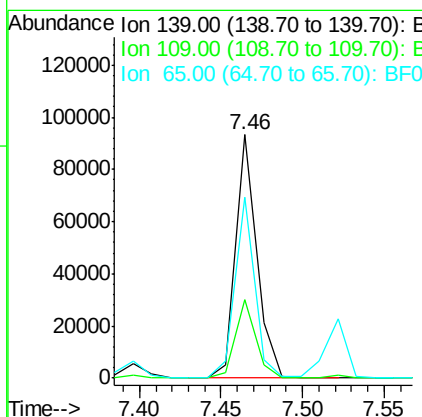
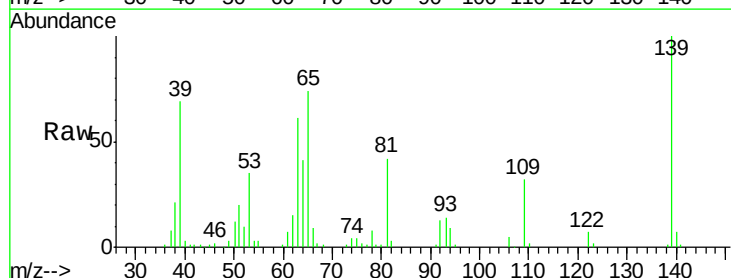
RT: 7.46 min Scan# 488

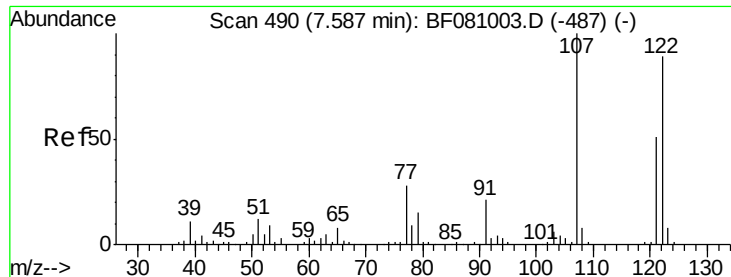
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82835		
109	32.4	32.1	48.1	
65	74.4	69.9	104.9	





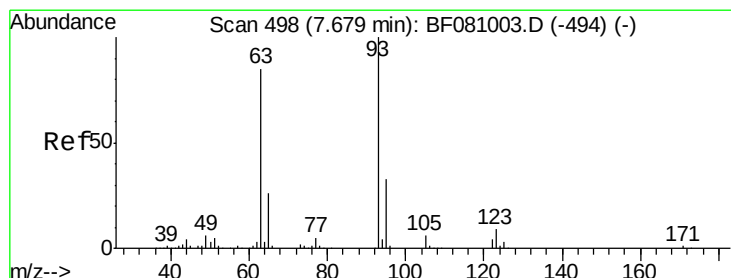
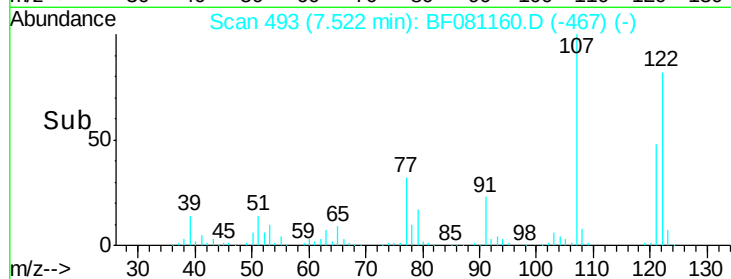
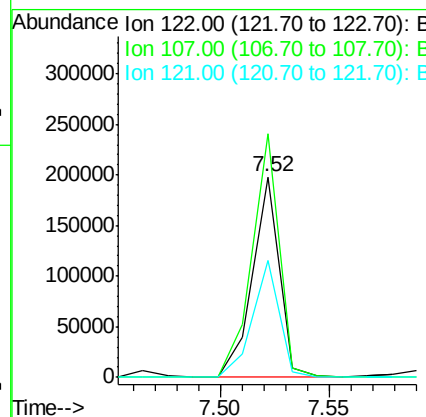
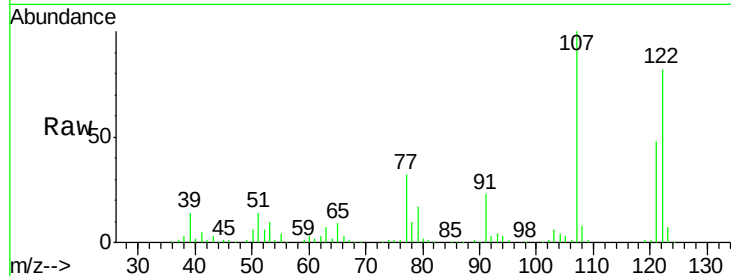
#27
2,4-Dimethylphenol
Concen: 42.39 ng
RT: 7.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	171045		
107	121.3	103.8	155.6	
121	58.4	47.0	70.4	

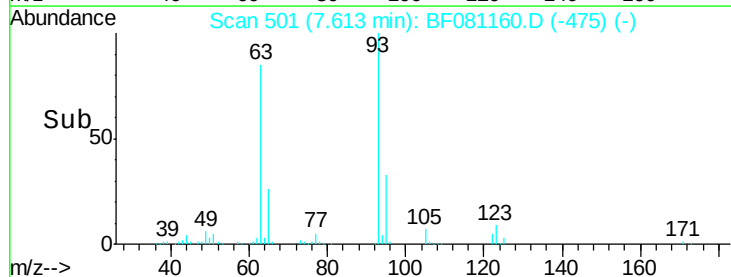
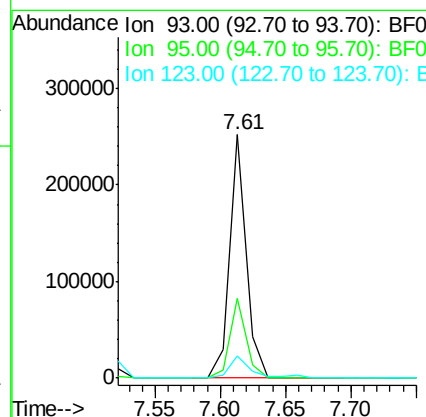
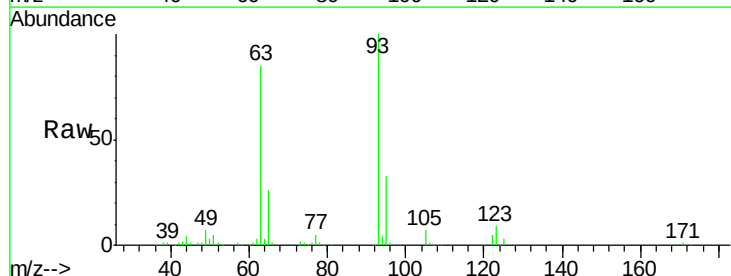
Manual Integrations
APPROVED

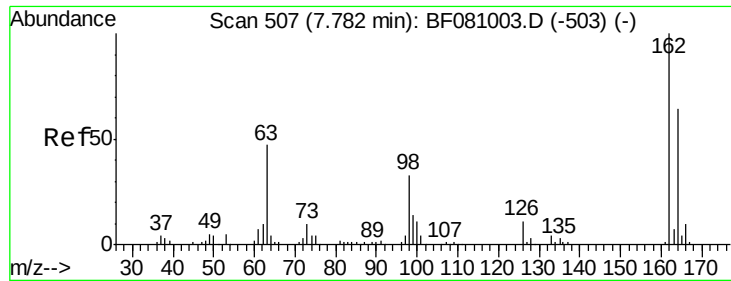
MMDadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 38.75 ng
RT: 7.61 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223894		
95	32.5	25.8	38.8	
123	9.1	7.4	11.0	





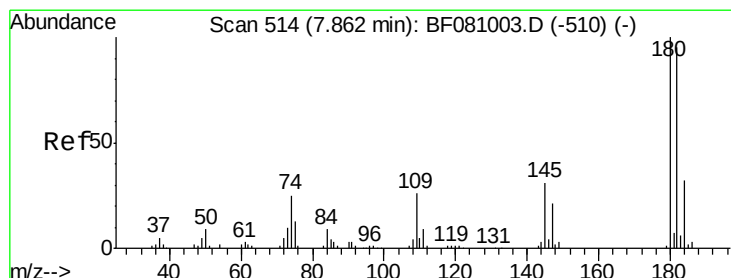
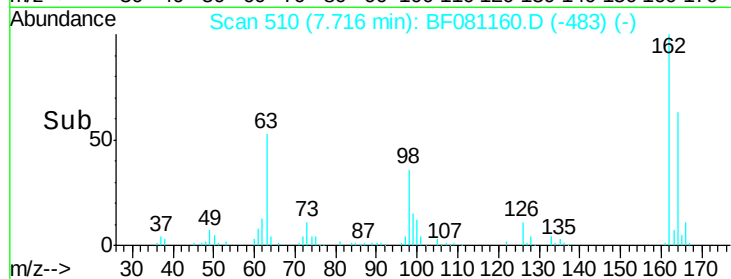
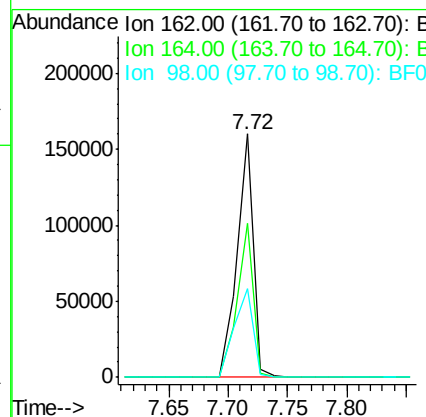
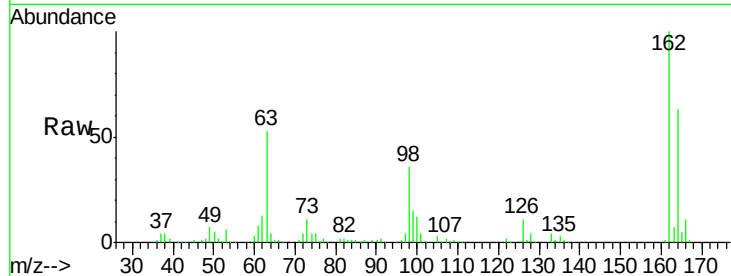
#29
 2,4-Dichlorophenol
 Concen: 44.72 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	162	Resp:	151924
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.2	83.2
98	36.5	12.3	52.3

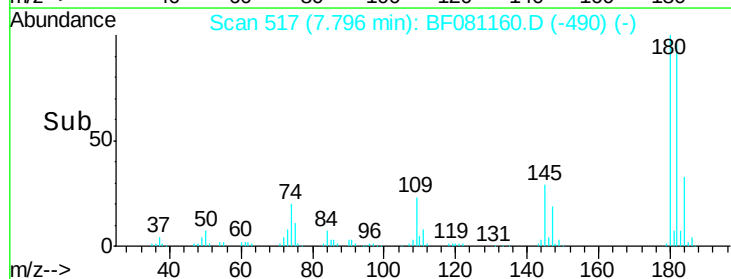
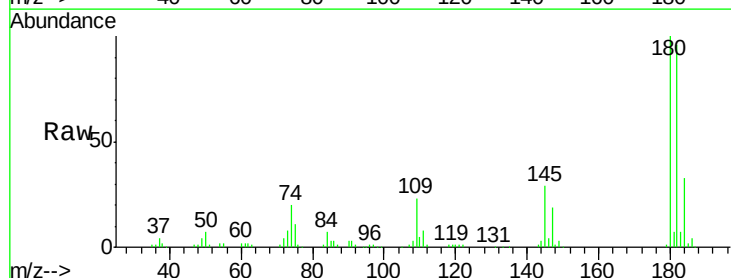
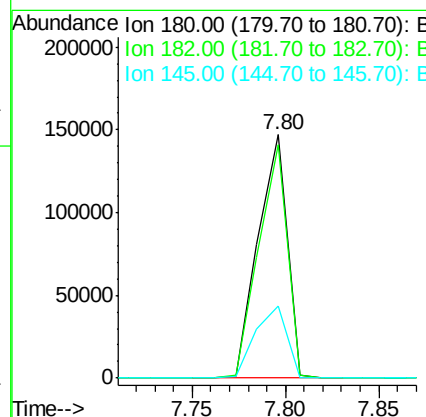
Manual Integrations
 APPROVED

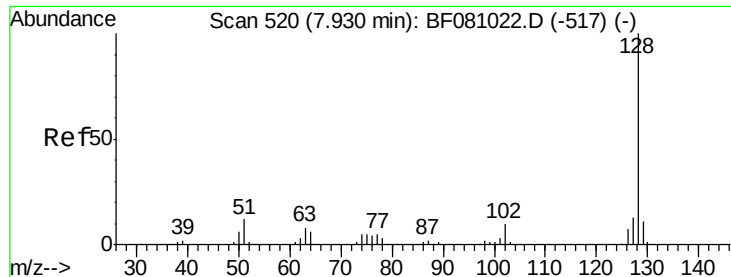
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.99 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:	180	Resp:	158524
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.4	114.6
145	29.4	25.4	38.2





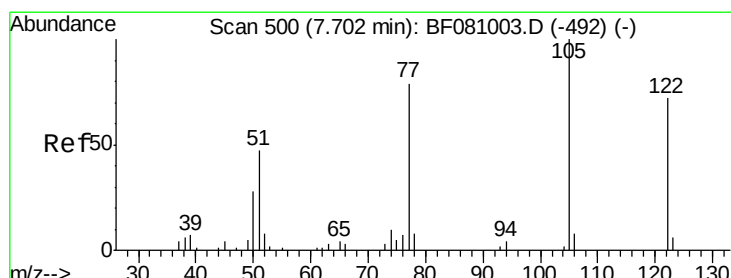
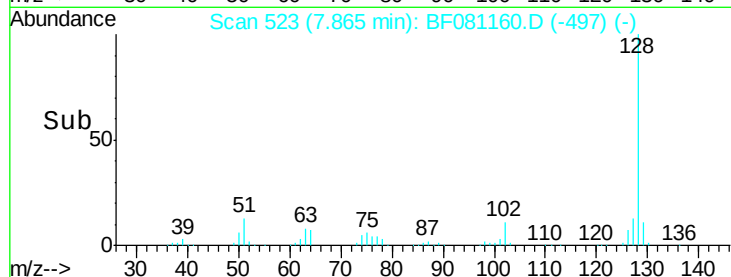
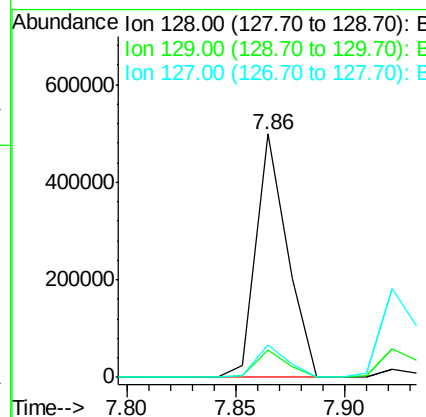
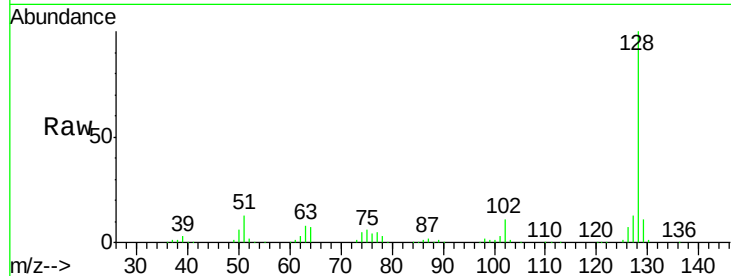
#31
Naphthalene
Concen: 37.44 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	500117		
129	11.4		8.4	12.6
127	13.3		10.6	16.0

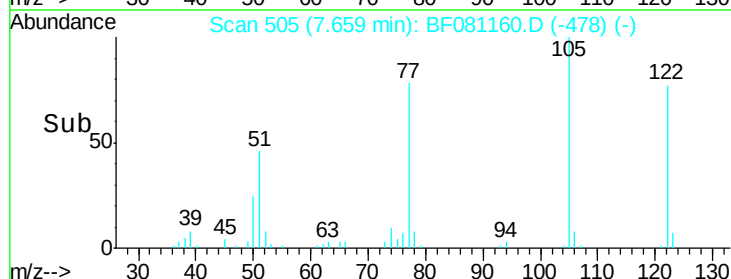
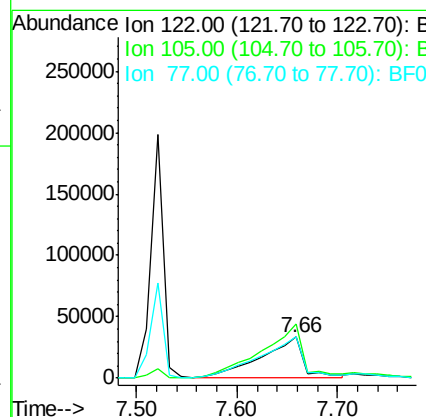
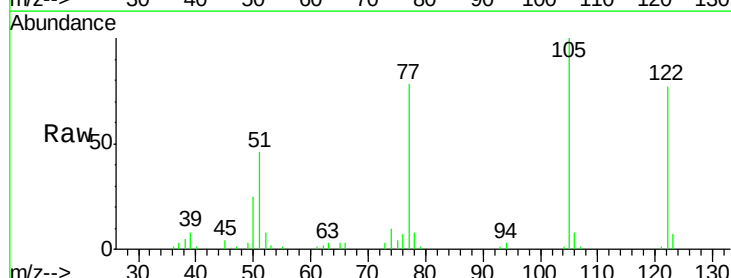
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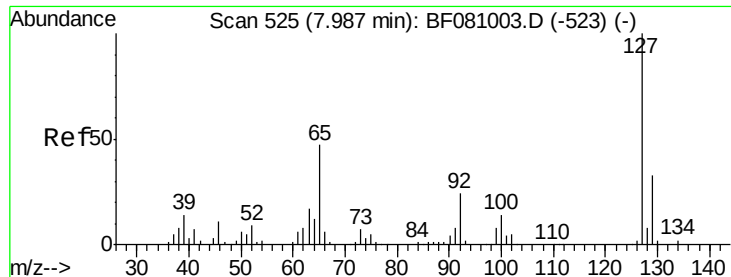
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#32
Benzoic acid
Concen: 42.03 ng
RT: 7.66 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	95395		
105	130.0		113.8	153.8
77	101.6		93.8	133.8





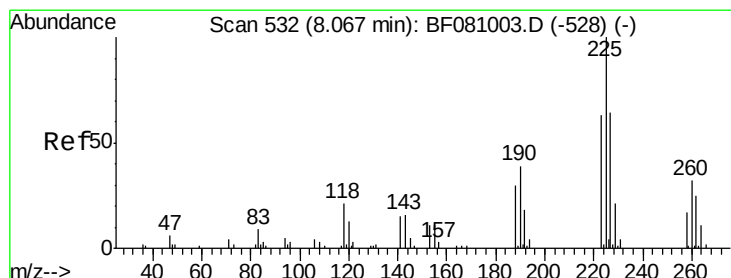
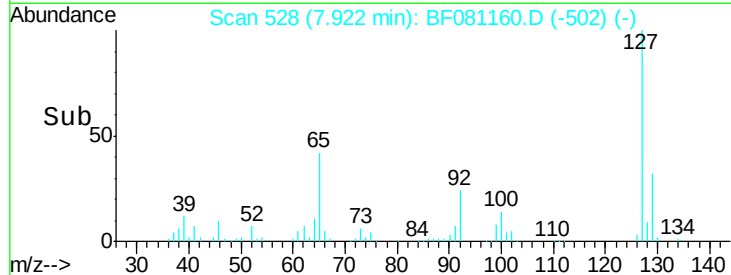
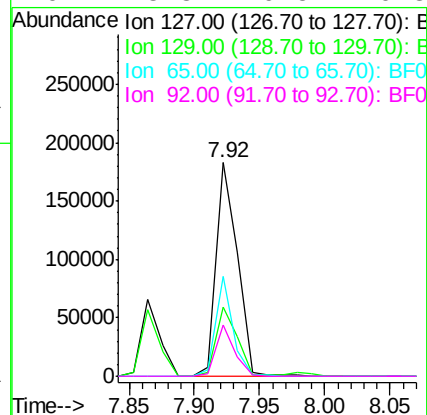
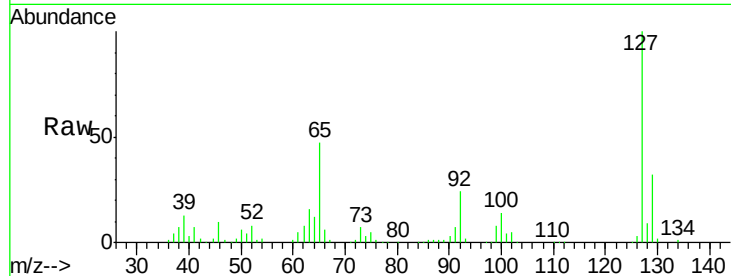
#33
4-Chloroaniline
Concen: 36.89 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	207871		
129	32.1	25.2	37.8	
65	46.6	37.8	56.6	
92	23.8	19.5	29.3	

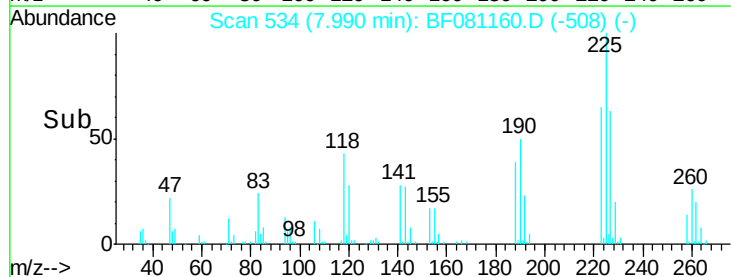
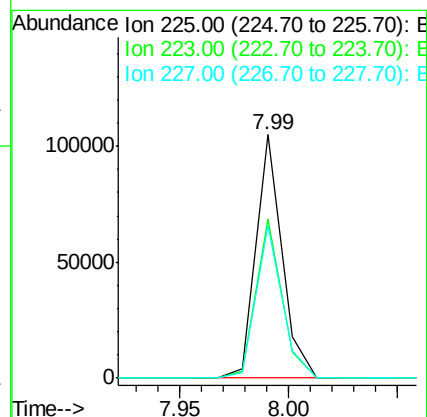
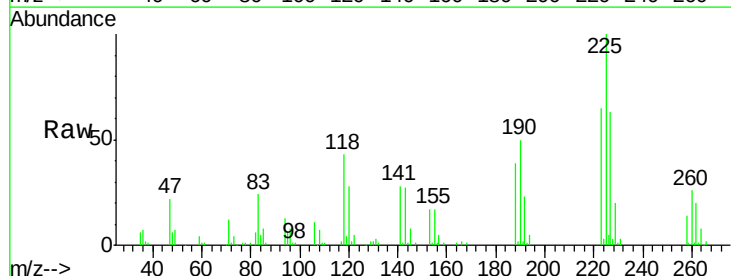
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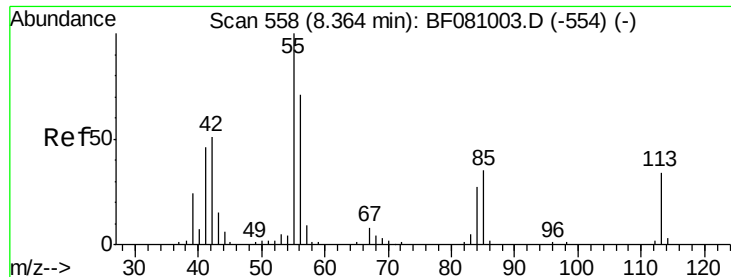
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#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87223		
223	65.3	52.6	79.0	
227	62.8	51.1	76.7	





#35

Caprolactam

Concen: 40.08 ng

RT: 8.31 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF081160.D

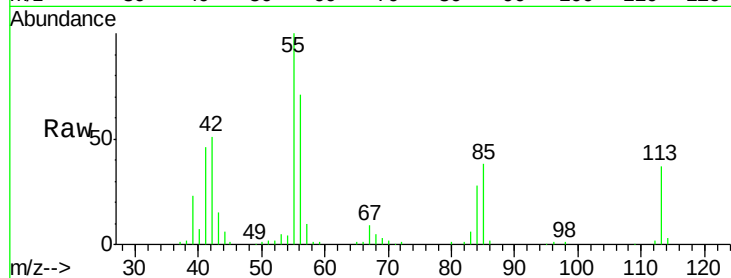
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:113 Resp: 47583

Ion Ratio Lower Upper

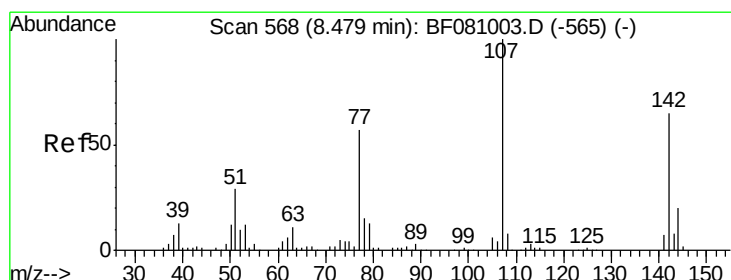
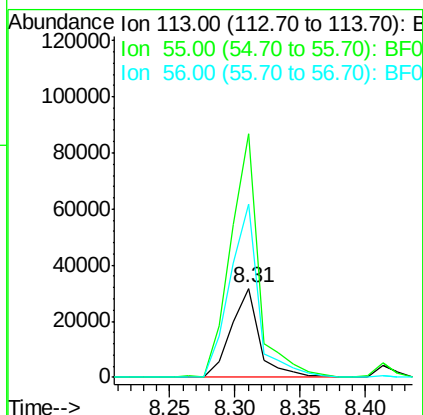
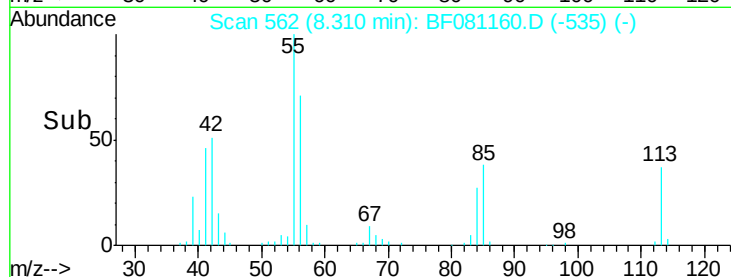
113 100

55 273.5 280.4 320.4#

56 195.3 205.9 245.9#

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#36

4-Chloro-3-methylphenol

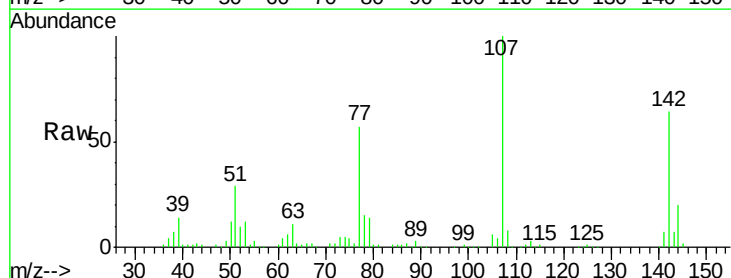
Concen: 39.28 ng

RT: 8.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52



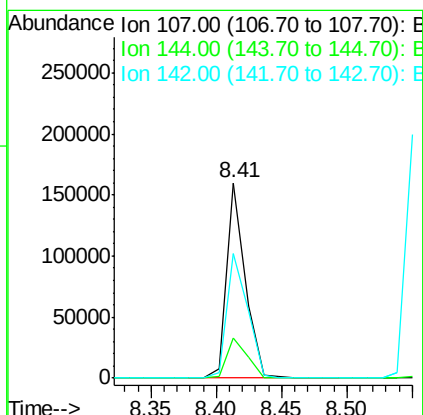
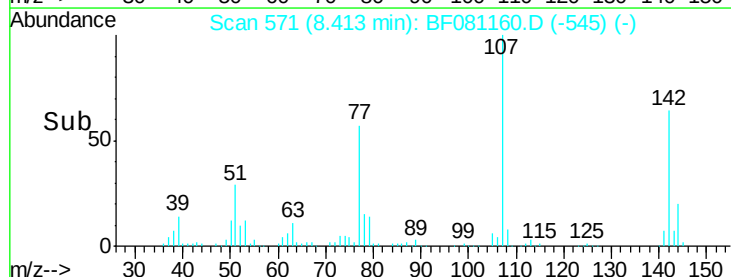
Tgt Ion:107 Resp: 159021

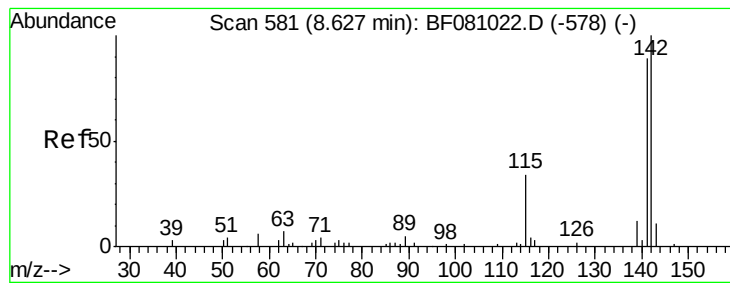
Ion Ratio Lower Upper

107 100

144 20.2 17.2 25.8

142 64.1 54.9 82.3





#37

2-Methylnaphthalene

Concen: 41.94 ng

RT: 8.56 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF081160.D

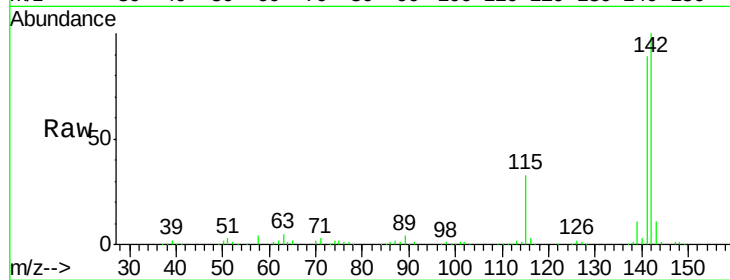
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:142 Resp: 353832

Ion Ratio Lower Upper

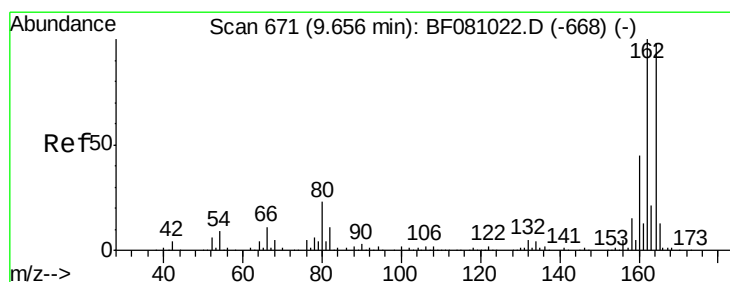
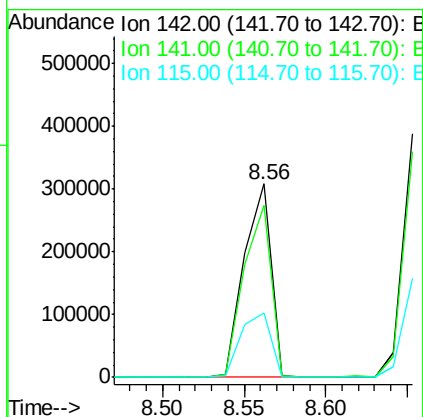
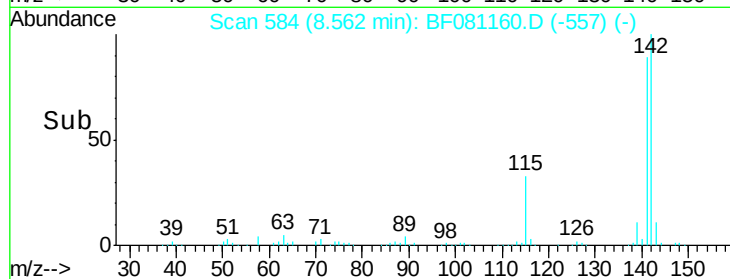
142 100

141 89.0 71.4 107.2

115 33.4 33.4 50.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

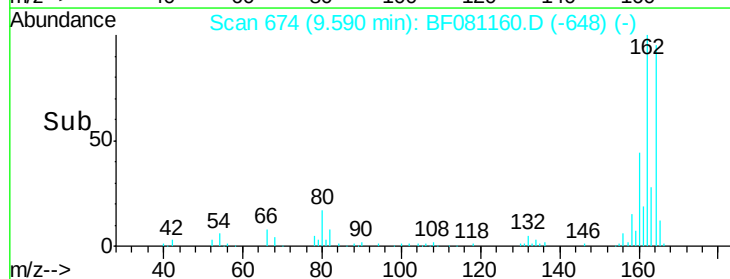
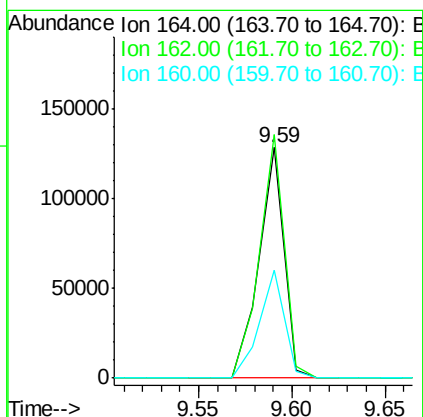
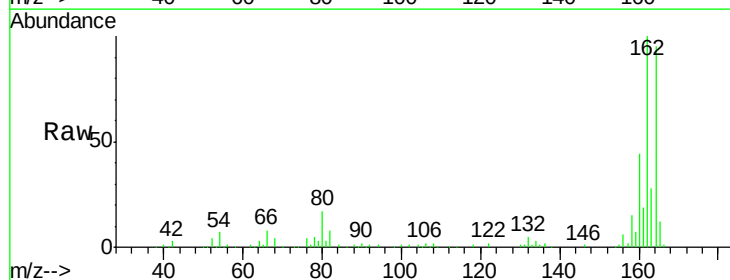
Tgt Ion:164 Resp: 118573

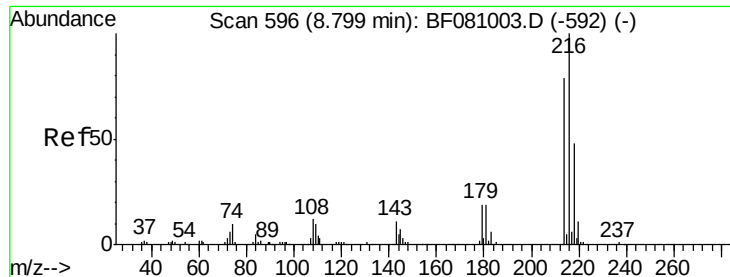
Ion Ratio Lower Upper

164 100

162 105.5 83.8 125.8

160 46.8 39.8 59.8





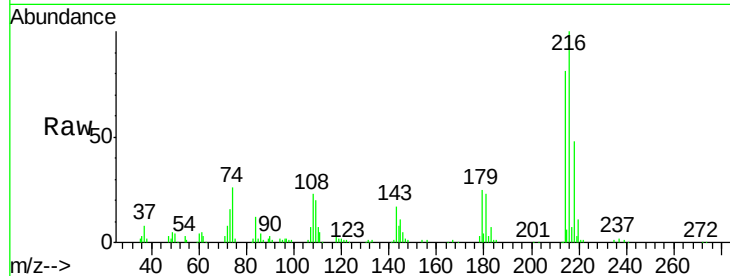
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.46 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	139490		
214	80.9	63.8	95.8	
179	24.5	17.8	26.8	
108	22.6	16.2	24.2	



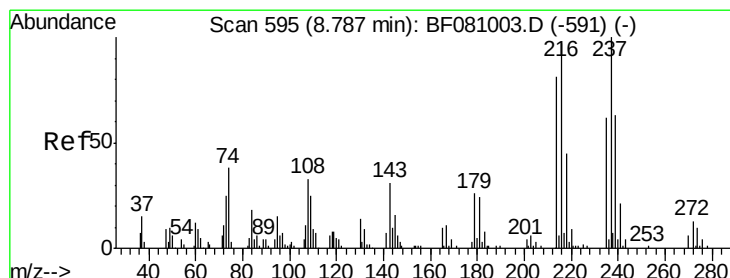
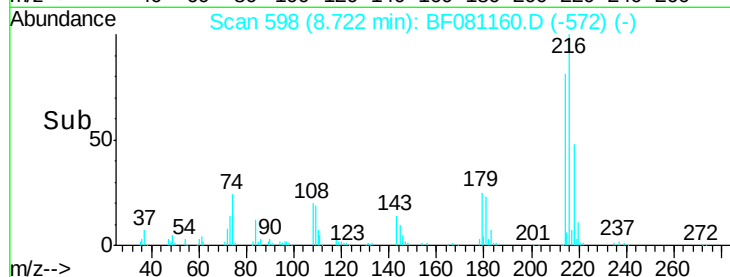
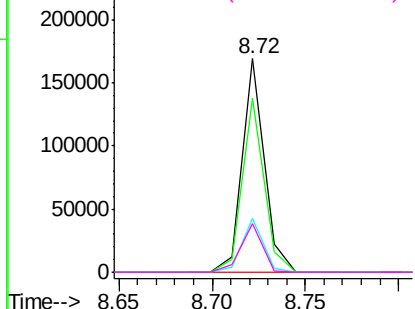
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

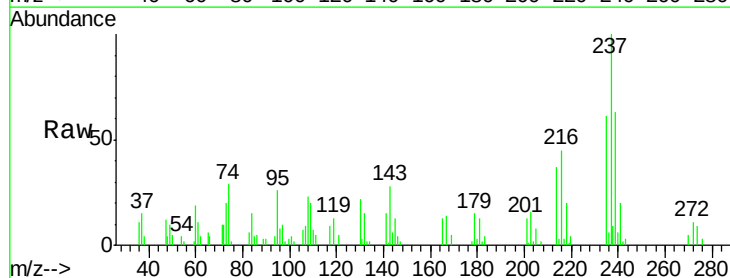
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 10.74 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	21258		
235	60.6	43.6	83.6	
272	11.3	0.0	32.2	

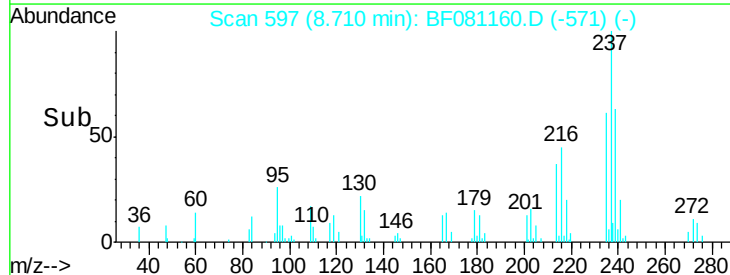
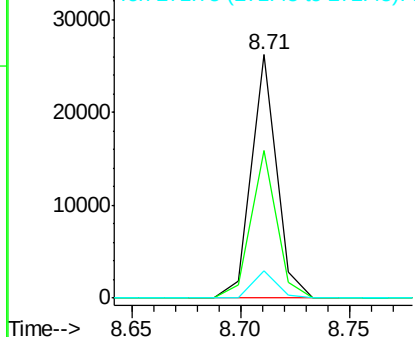


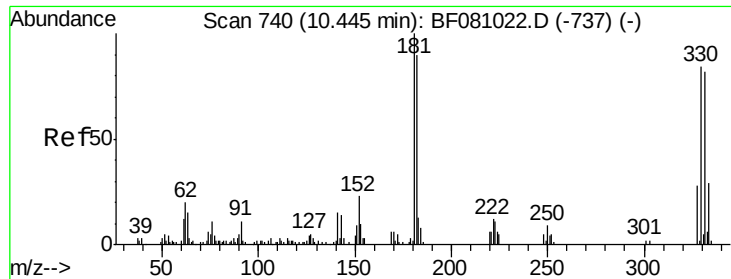
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 73.54 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081160.D

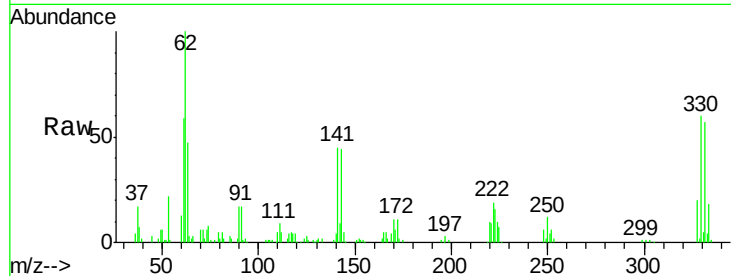
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

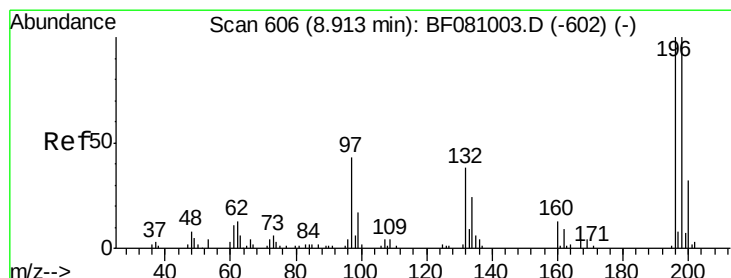
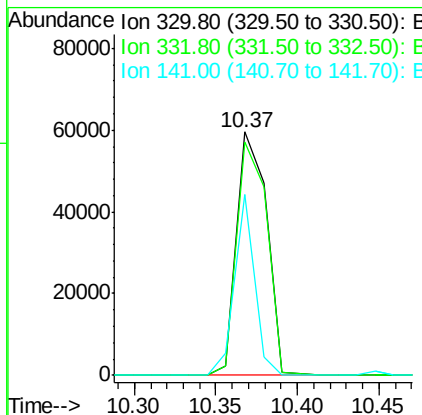
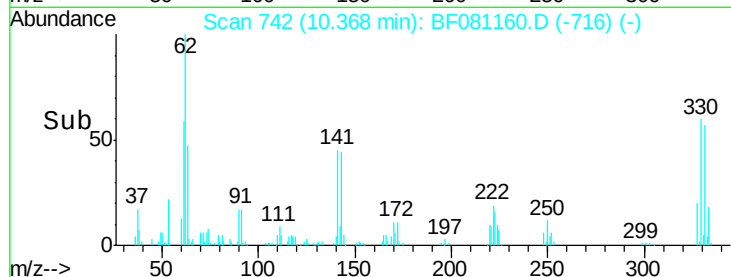
SSTDCCC040EC



Tgt Ion:	330	Resp:	75585
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	49.0	44.9	67.3

Manual Integrations
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#42

2,4,6-Trichlorophenol

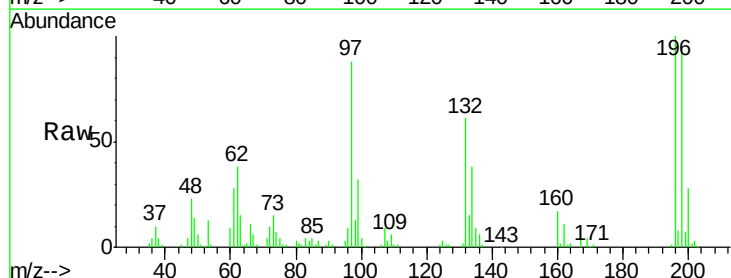
Concen: 36.34 ng

RT: 8.84 min Scan# 608

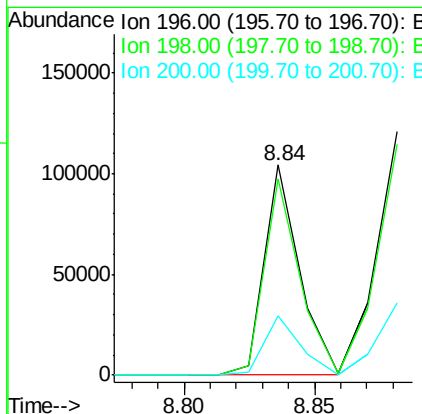
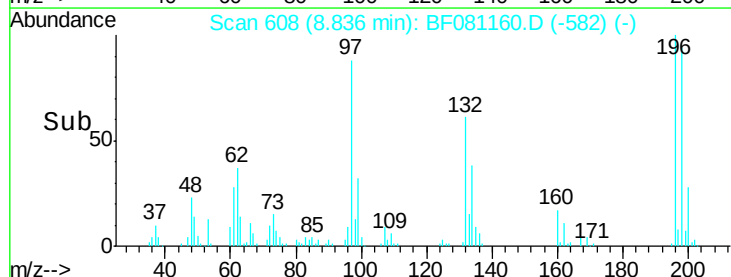
Delta R.T. -0.00 min

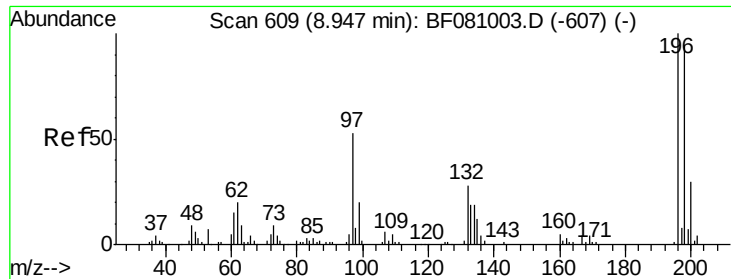
Lab File: BF081160.D

Acq: 21 Aug 2015 22:52



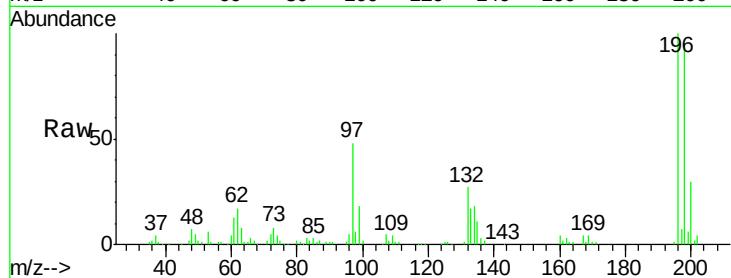
Tgt Ion:	196	Resp:	98222
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.6	111.8
200	28.3	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

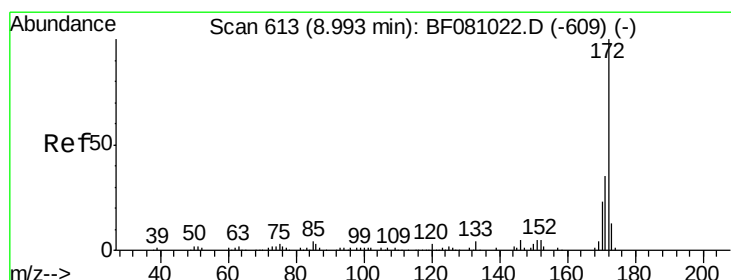
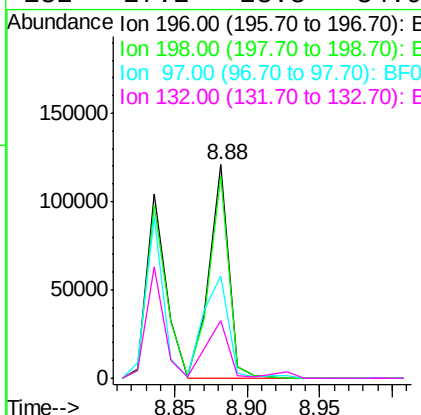
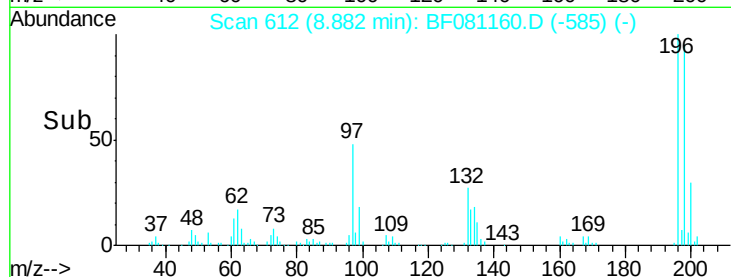
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114150		
198	95.0	78.3	117.5	
97	48.0	42.7	64.1	
132	27.2	23.3	34.9	

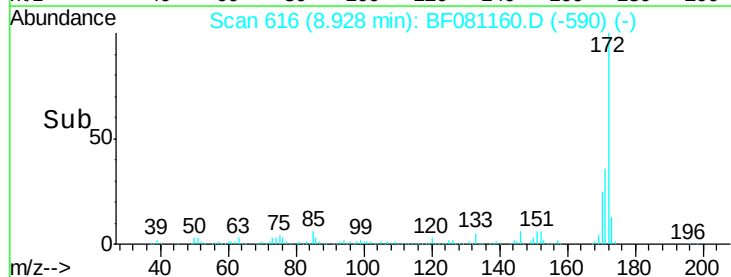
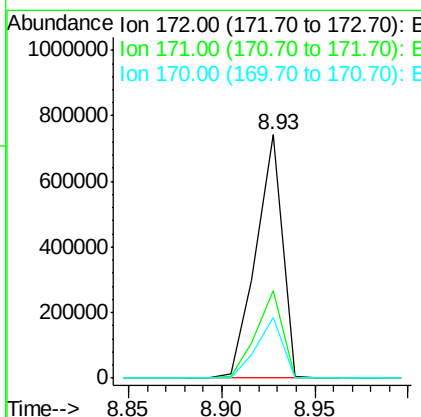
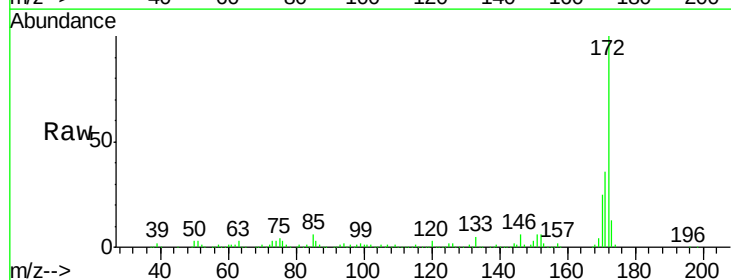
Manual Integrations
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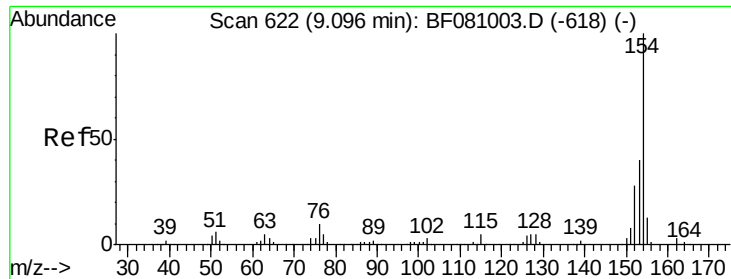
MMDadoda
 8/24/2015 11:24:18 AM



#44
 2-Fluorobiphenyl
 Concen: 80.34 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	727072		
171	36.1	28.9	43.3	
170	24.7	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 35.62 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081160.D

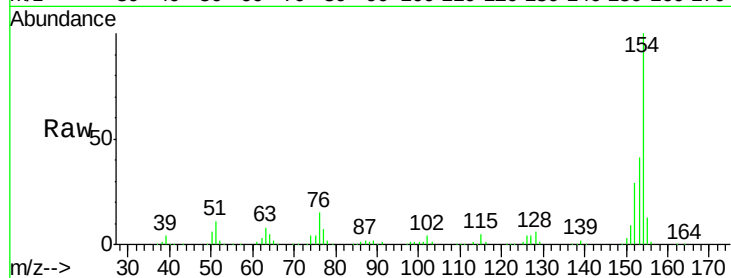
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 372030

Ion Ratio Lower Upper

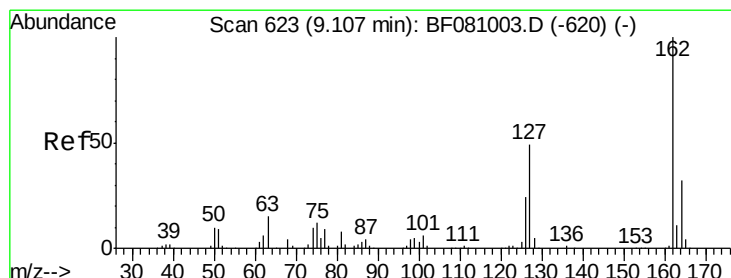
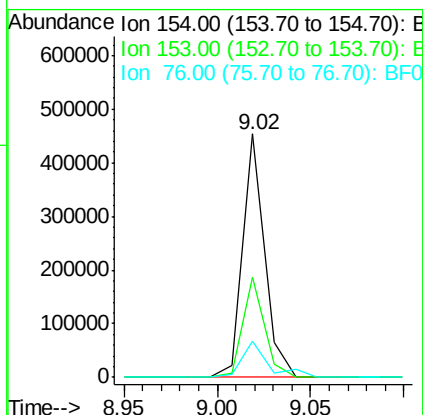
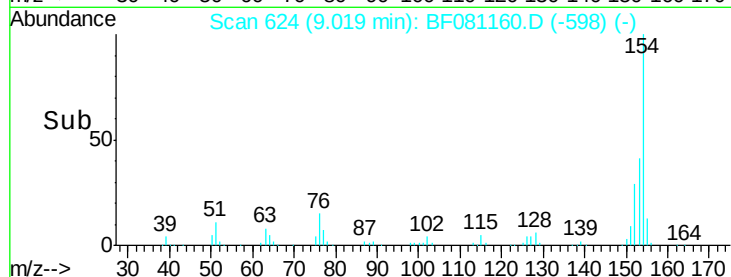
154 100

153 40.9 19.5 59.5

76 15.1 0.0 29.3

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#46

2-Chloronaphthalene

Concen: 39.70 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

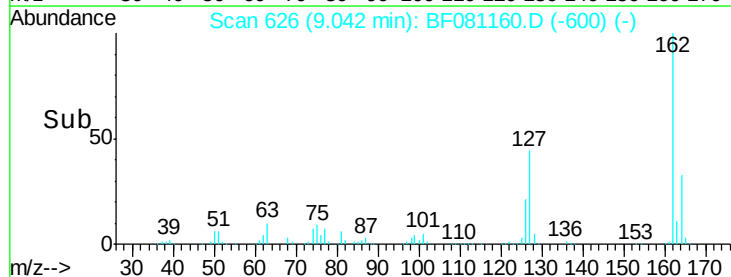
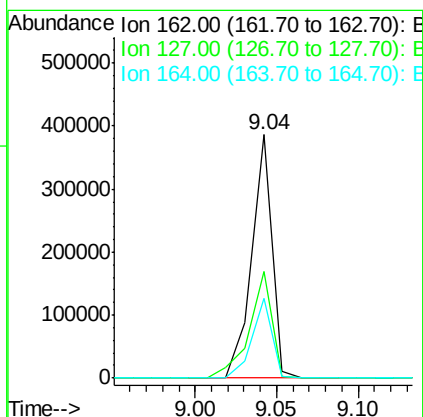
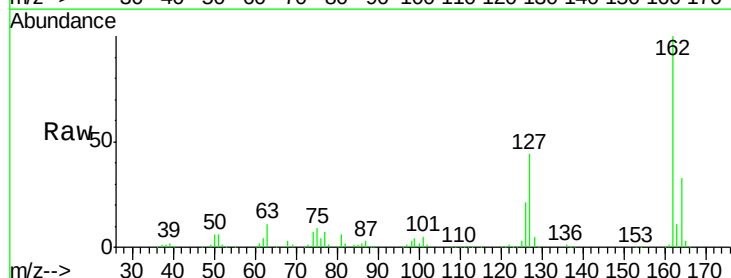
Tgt Ion:162 Resp: 333129

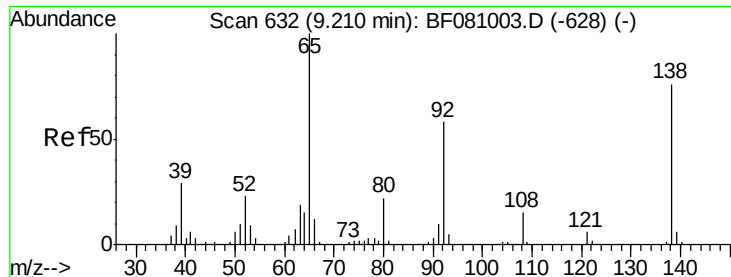
Ion Ratio Lower Upper

162 100

127 43.8 31.3 46.9

164 32.6 26.3 39.5





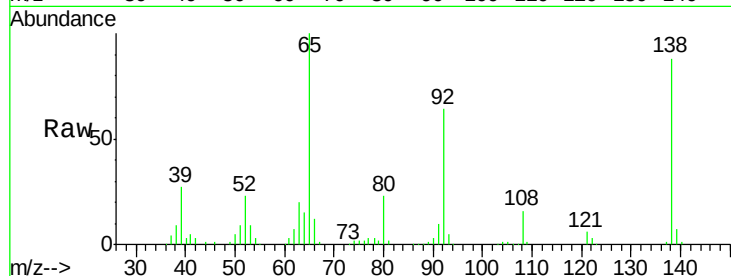
#47
2-Nitroaniline
Concen: 44.44 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	45.6	68.4
138	87.7	57.9	86.9

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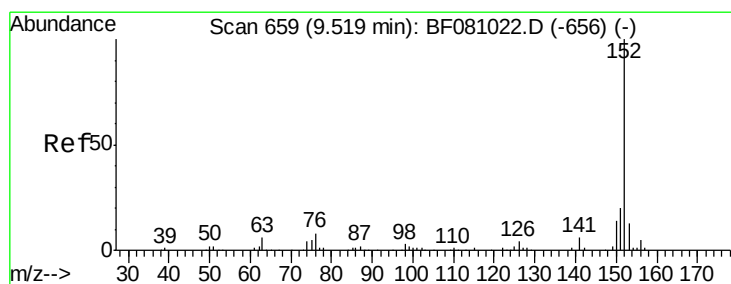
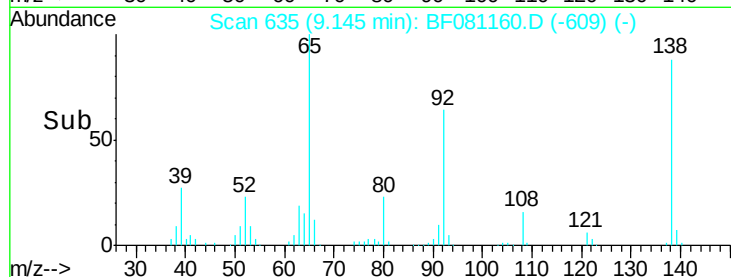
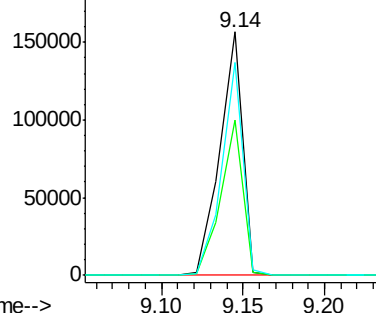


Abundance

Ion 65.00 (64.70 to 65.70): BF0

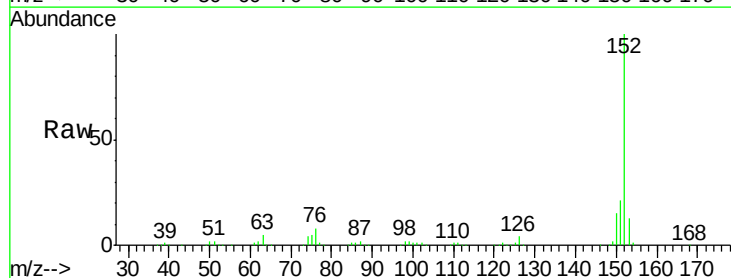
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 39.22 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	13.1	9.8	14.6

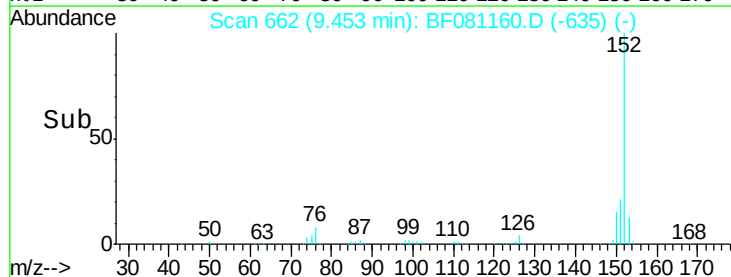
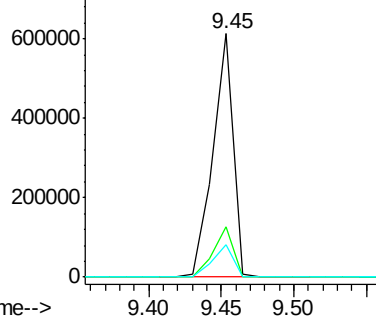


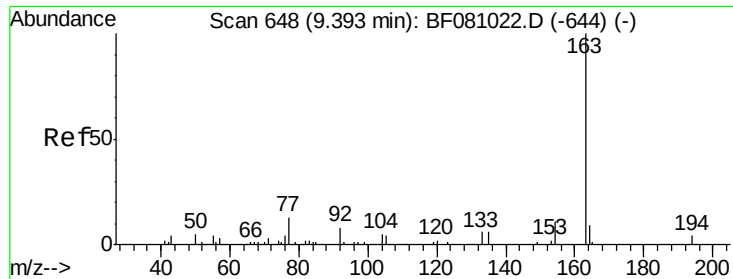
Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





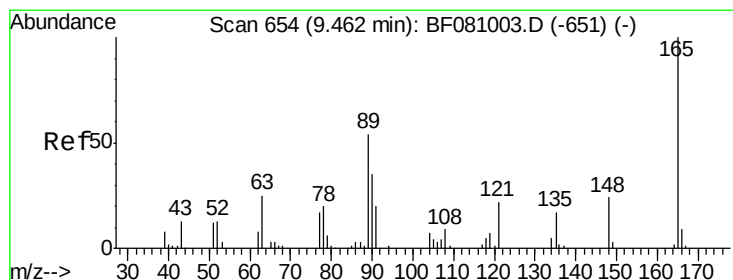
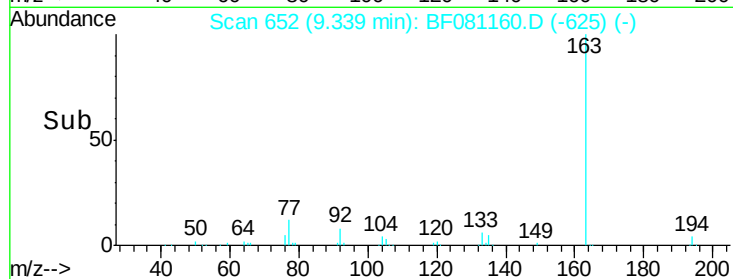
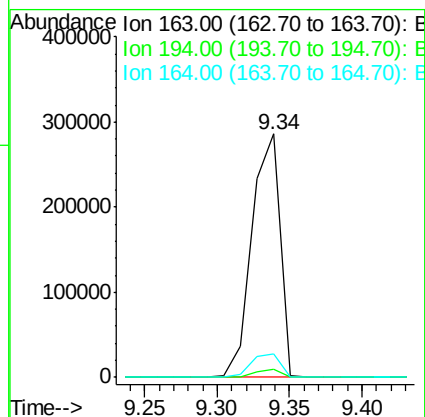
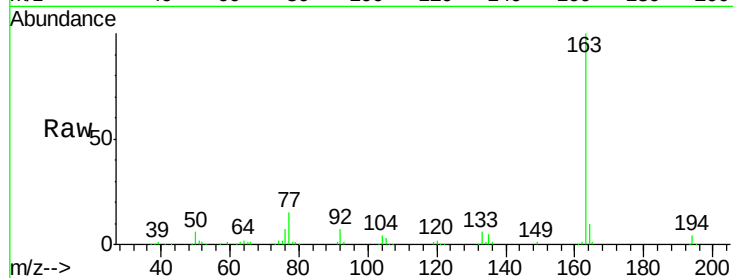
#49
Dimethylphthalate
Concen: 39.26 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.5	3.7
164	9.6	8.1	12.1

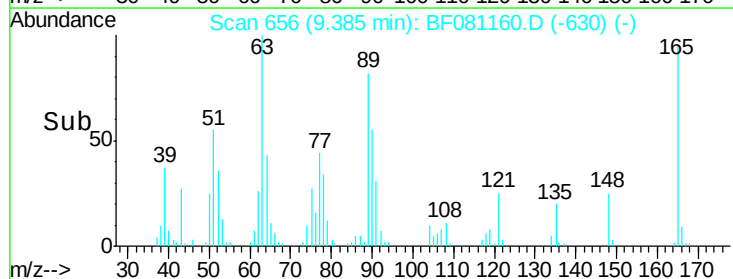
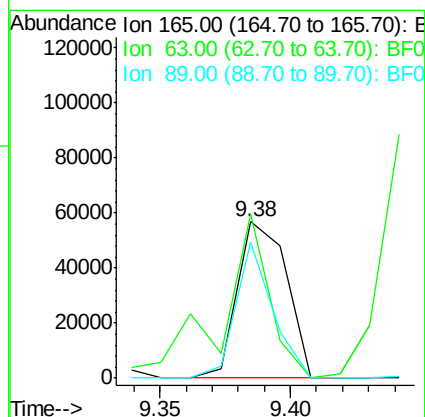
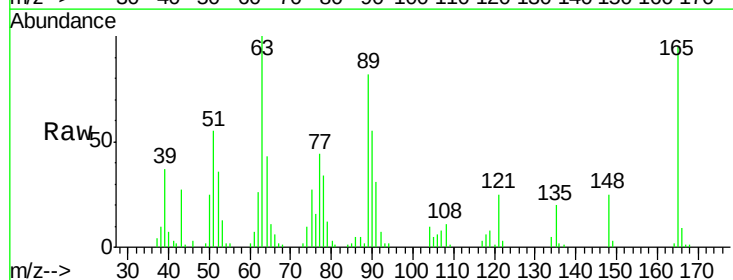
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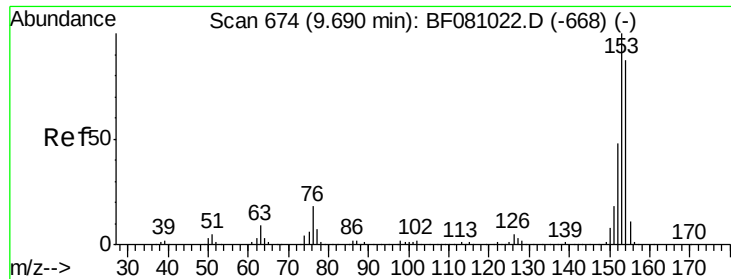
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 35.38 ng
RT: 9.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	105.5	49.5	74.3#
89	87.0	47.6	71.4#





#51

Acenaphthene

Concen: 37.77 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081160.D

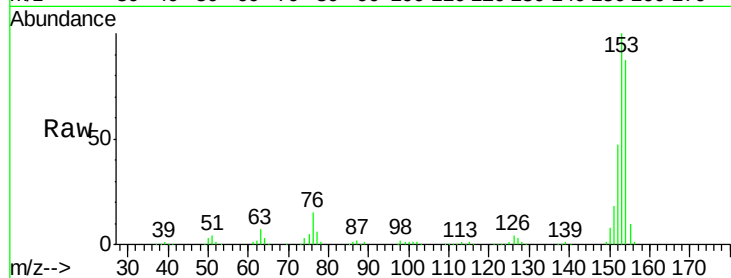
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

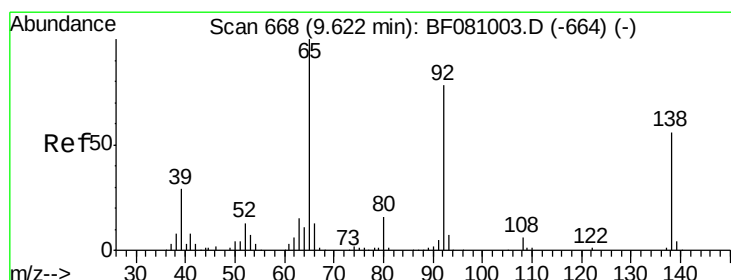
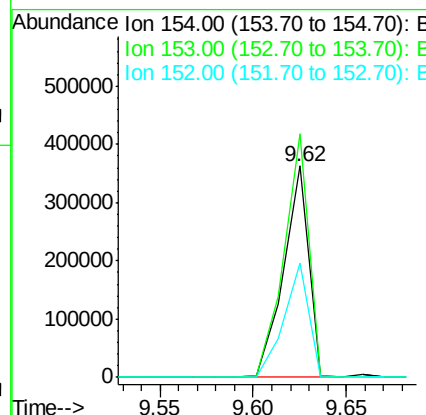
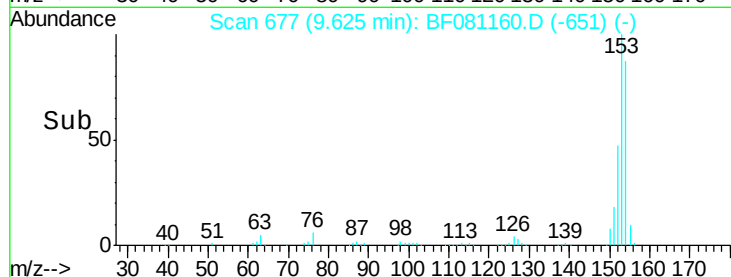
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.4	137.2
152	54.4	43.7	65.5

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#52

3-Nitroaniline

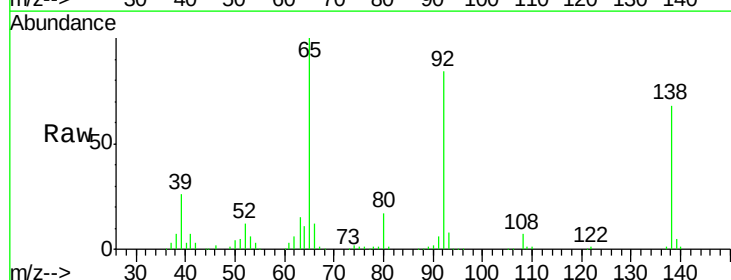
Concen: 44.29 ng

RT: 9.56 min Scan# 671

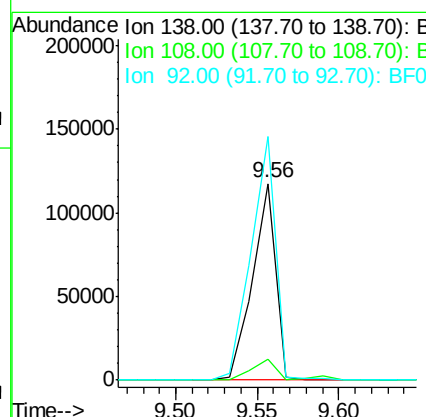
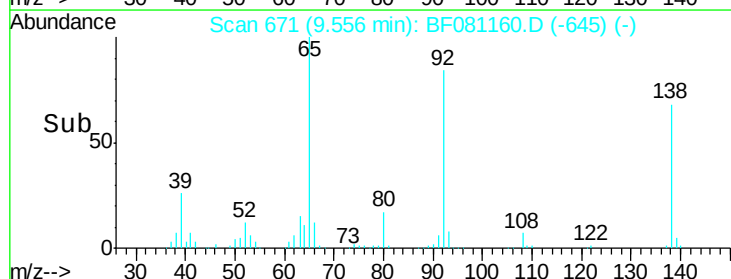
Delta R.T. -0.00 min

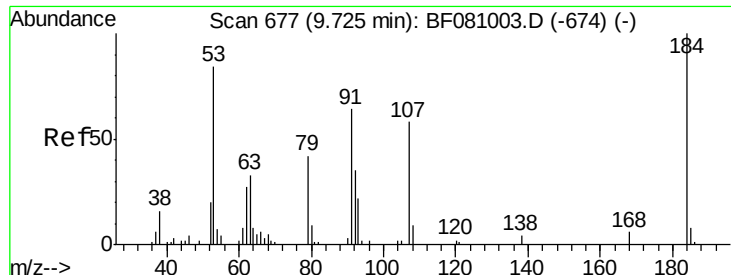
Lab File: BF081160.D

Acq: 21 Aug 2015 22:52



Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.2
92	123.7	113.2	169.8





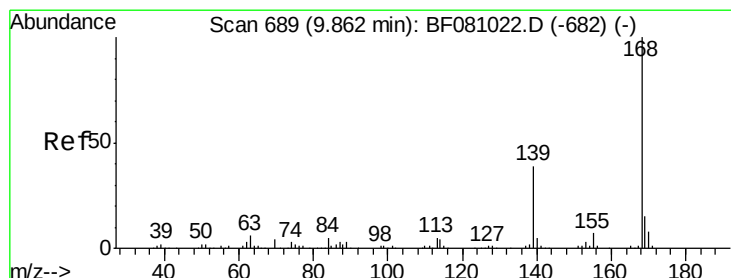
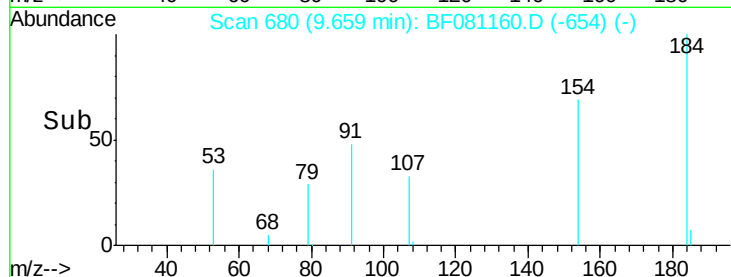
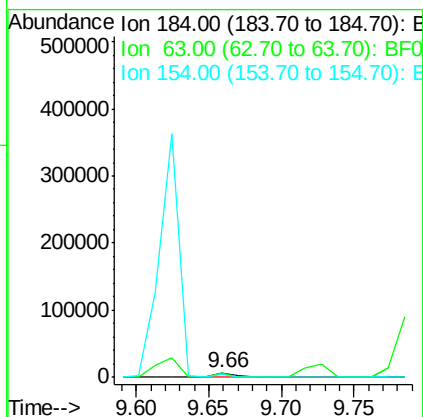
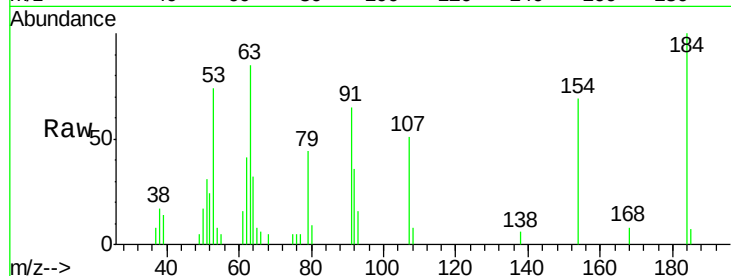
#53
2,4-Dinitrophenol
Concen: 9.19 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 6508
Ion Ratio Lower Upper
184 100
63 85.1 101.7 152.5#
154 69.1 67.4 101.0

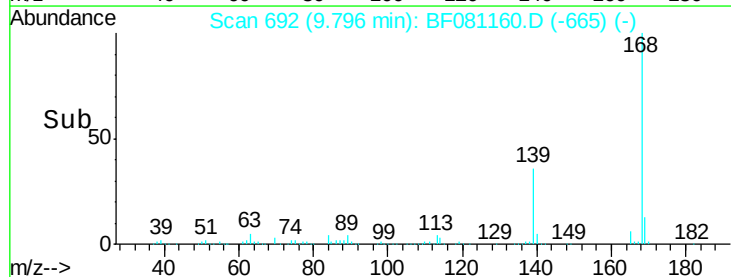
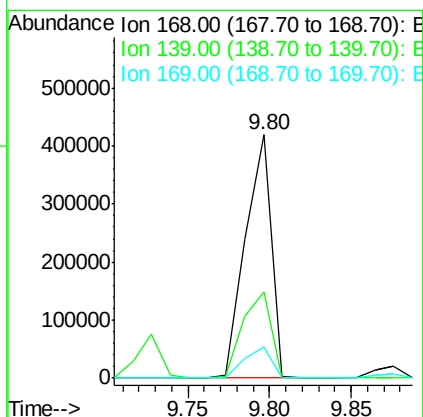
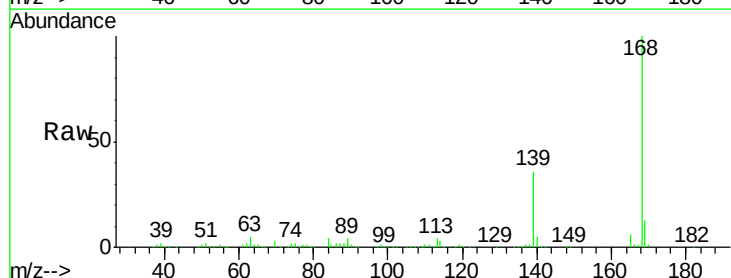
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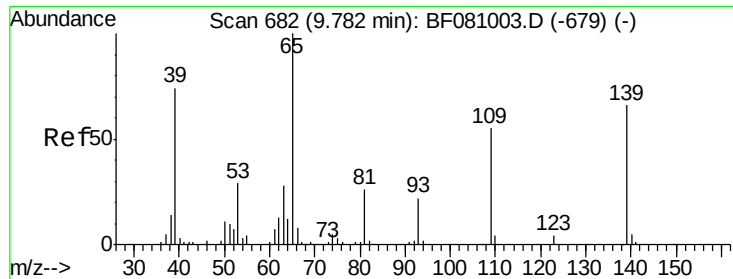
MMDadoda
8/24/2015 11:24:18 AM



#54
Dibenzofuran
Concen: 38.10 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:168 Resp: 458748
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 12.9 10.3 15.5





#55

4-Nitrophenol

Concen: 41.70 ng

RT: 9.73 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF081160.D

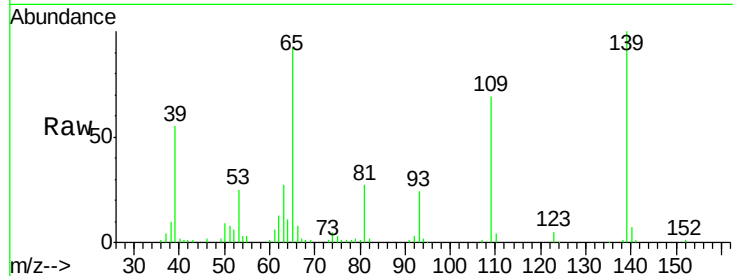
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:139 Resp: 76846

Ion Ratio Lower Upper

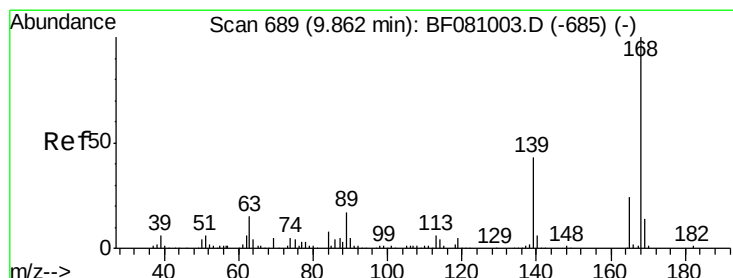
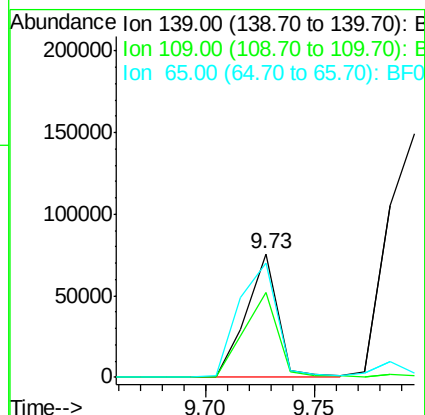
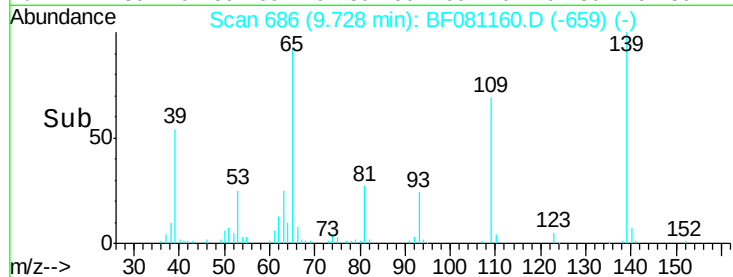
139 100

109 68.6 80.0 120.0#

65 92.4 138.3 178.3#

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#56

2,4-Dinitrotoluene

Concen: 32.60 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:165 Resp: 90586

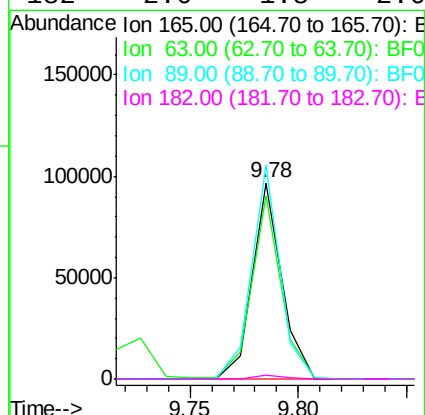
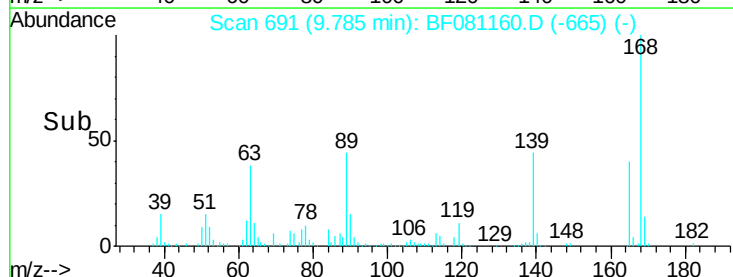
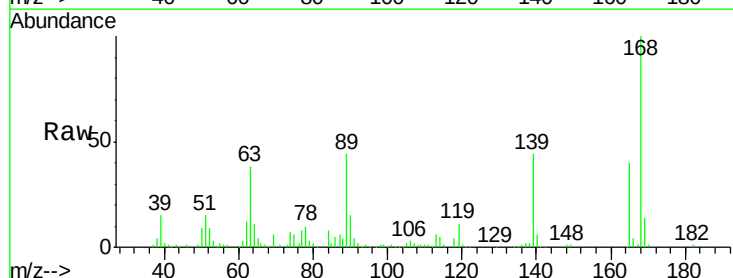
Ion Ratio Lower Upper

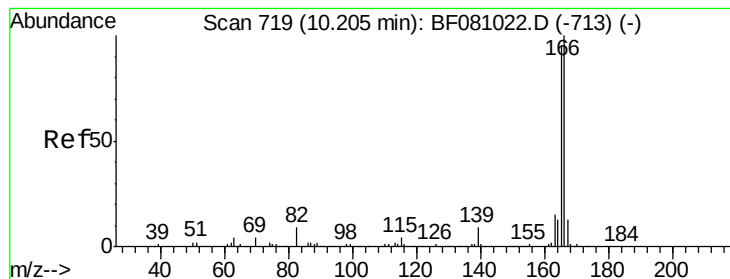
165 100

63 93.3 52.2 78.4#

89 108.7 60.1 90.1#

182 2.0 1.8 2.6





#57

Fluorene

Concen: 34.68 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081160.D

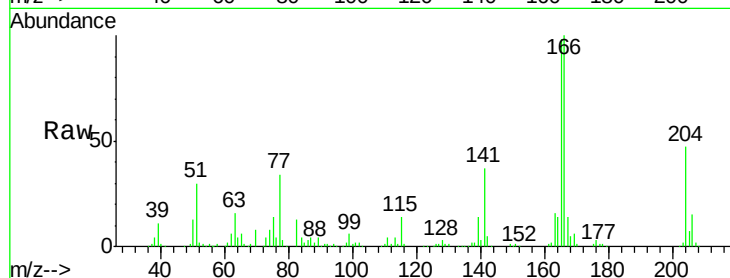
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:166 Resp: 321232

Ion Ratio Lower Upper

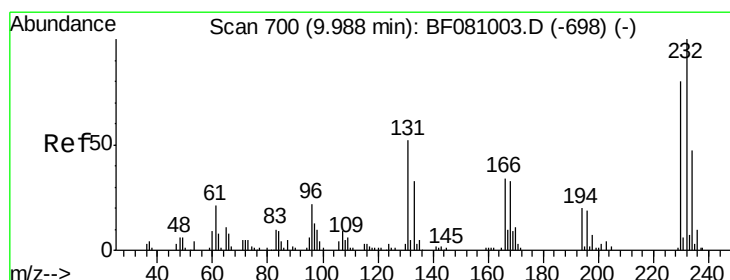
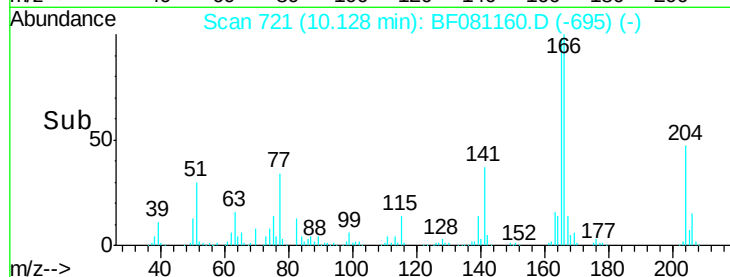
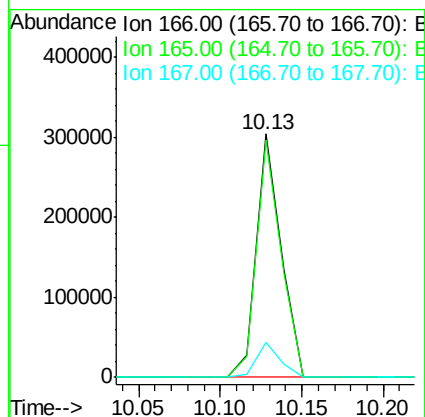
166 100

165 97.6 75.8 113.8

167 14.4 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.11 ng m

RT: 9.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:232 Resp: 77578

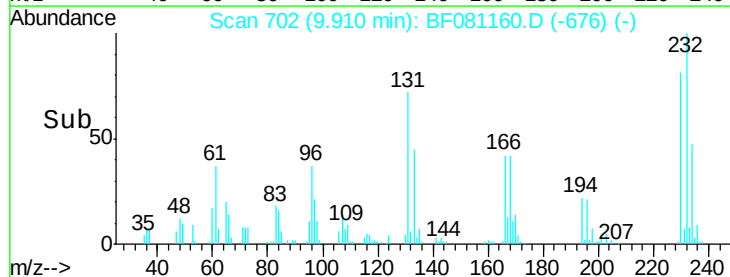
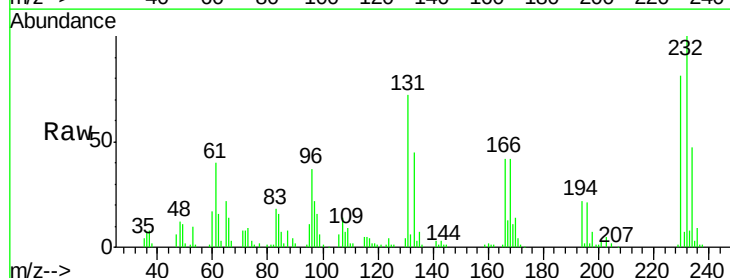
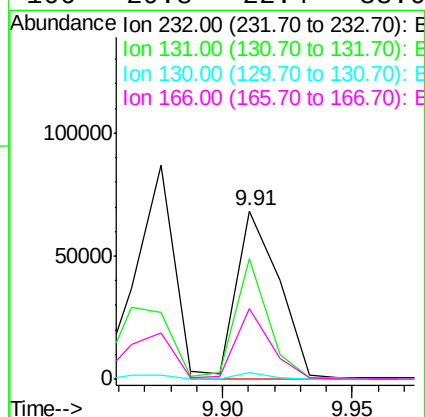
Ion Ratio Lower Upper

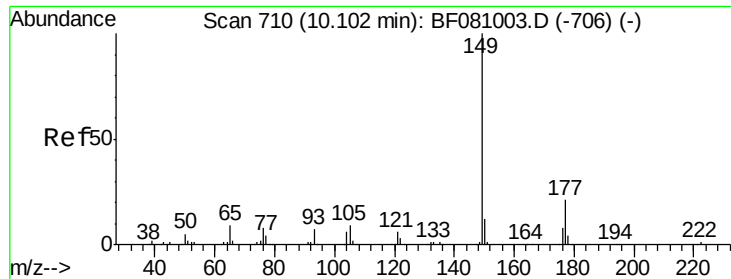
232 100

131 50.9 42.2 63.4

130 2.5 2.1 3.1

166 29.8 22.4 33.6





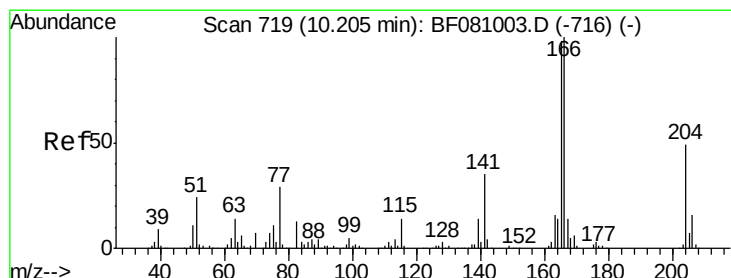
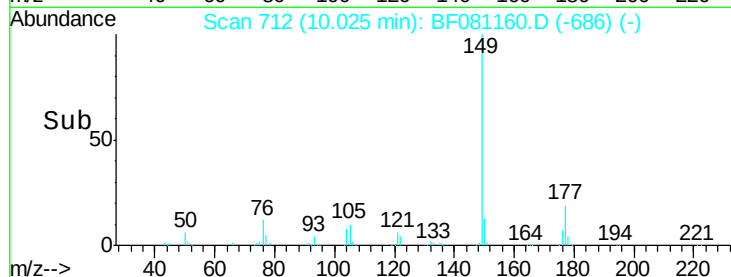
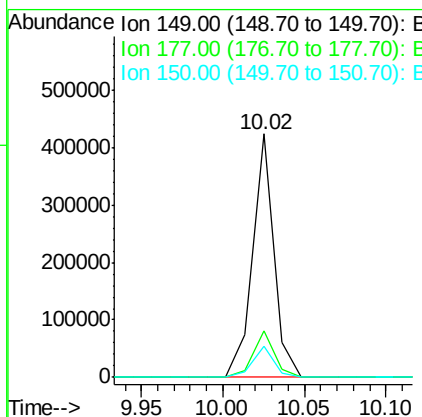
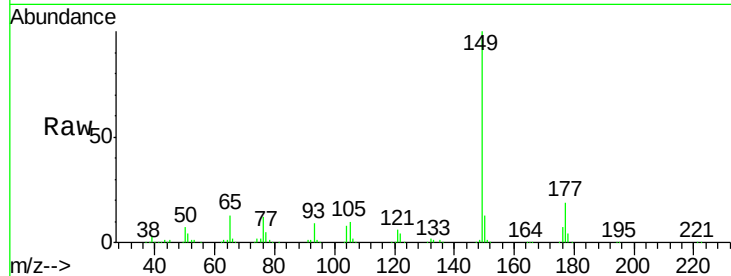
#59
Diethylphthalate
Concen: 37.15 ng
RT: 10.02 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.0	14.1	21.1
150	12.7	10.3	15.5

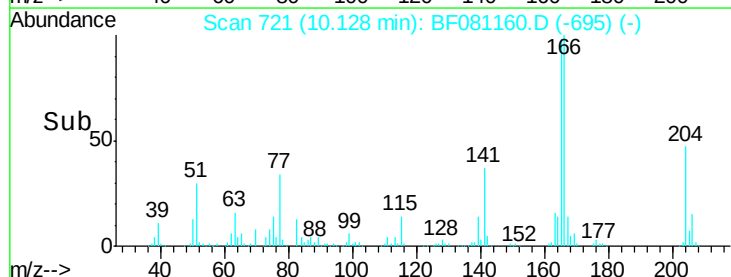
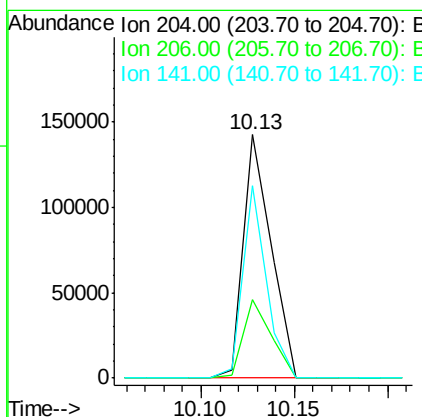
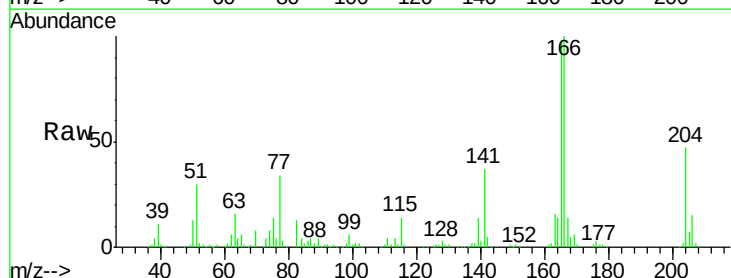
Manual Integrations
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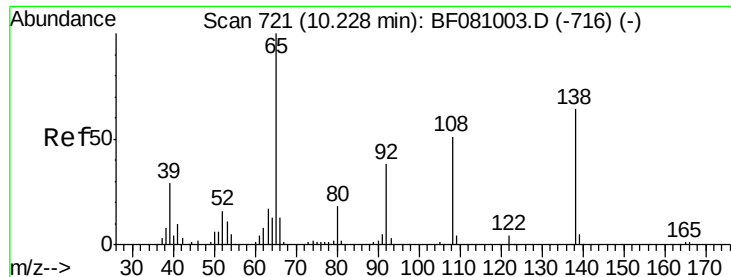
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 37.65 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.1	26.2	39.2
141	79.1	59.6	89.4





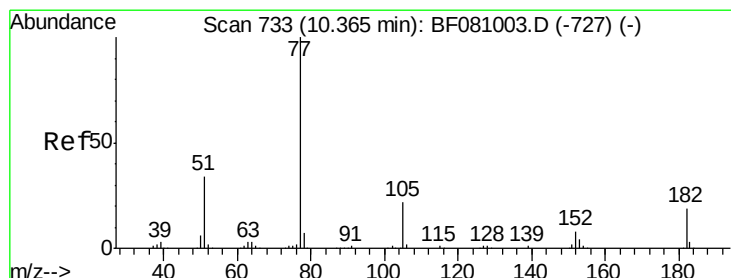
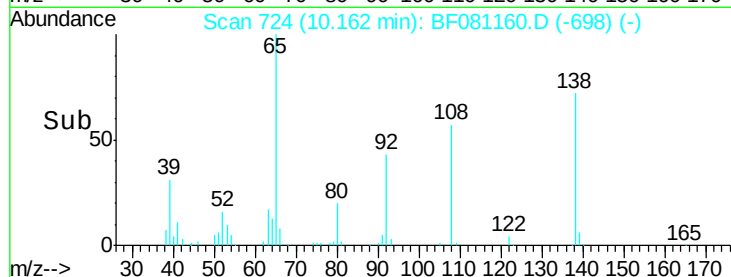
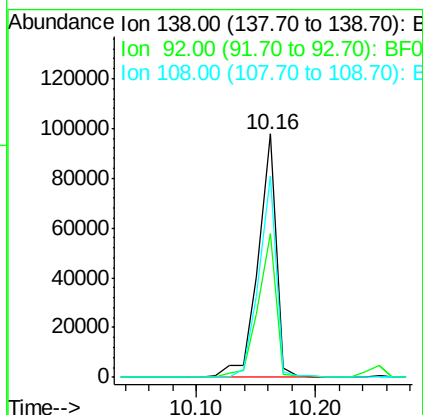
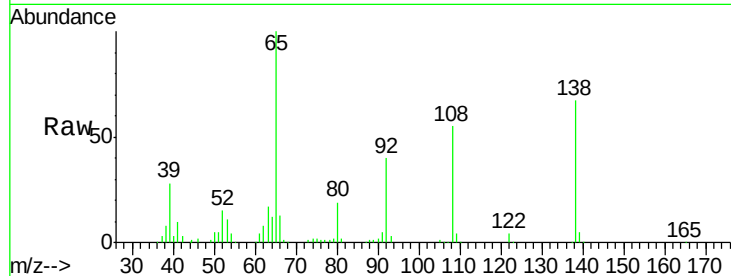
#61
4-Nitroaniline
Concen: 39.15 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	34.7	74.7
108	82.5	68.9	108.9

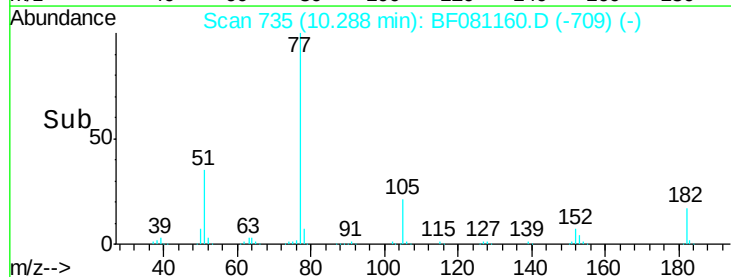
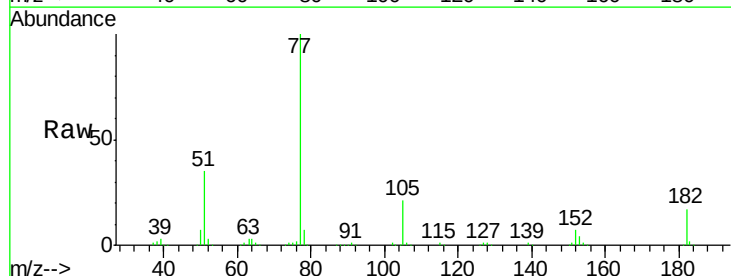
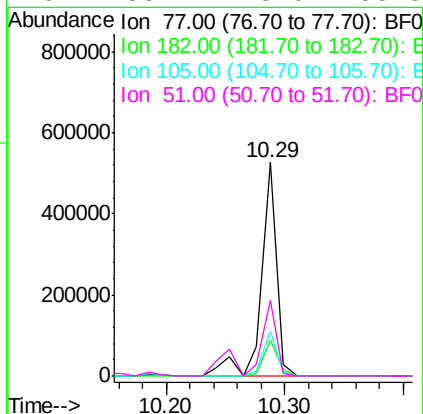
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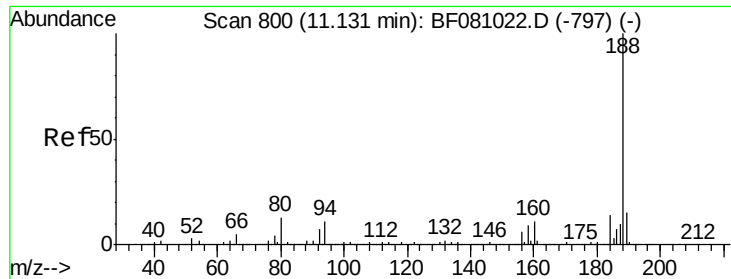
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#62
Azobenzene
Concen: 40.05 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.9	0.0	39.0
105	20.9	0.2	40.2
51	35.2	18.0	58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

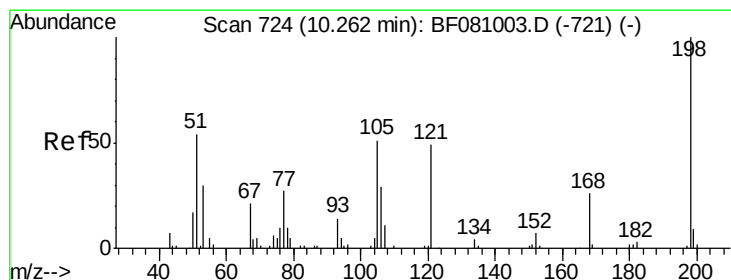
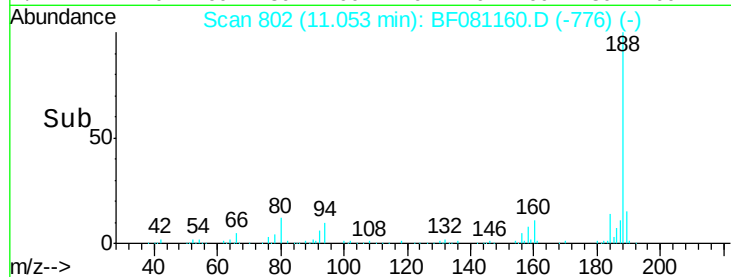
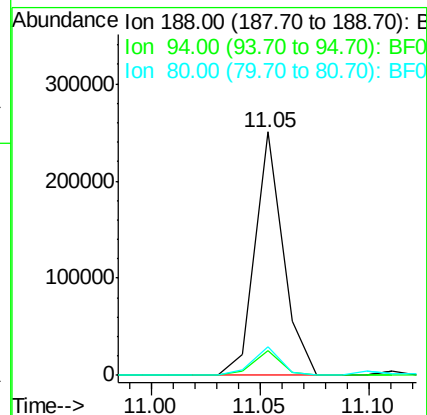
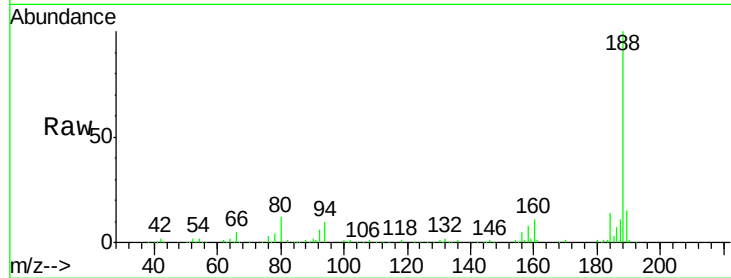
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	226241
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.2	12.2
80	11.5	9.5	14.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 9.19 ng

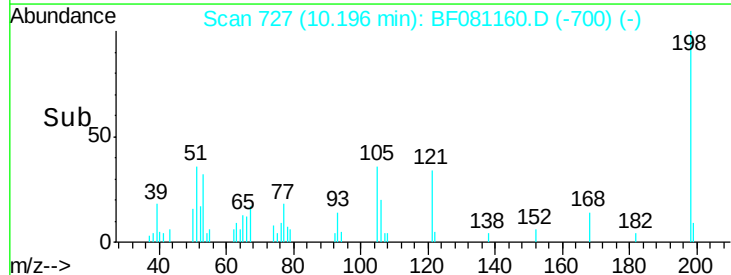
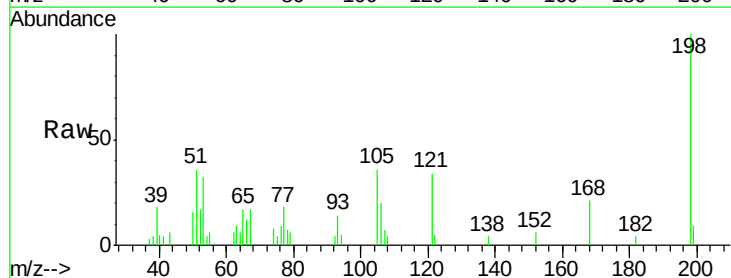
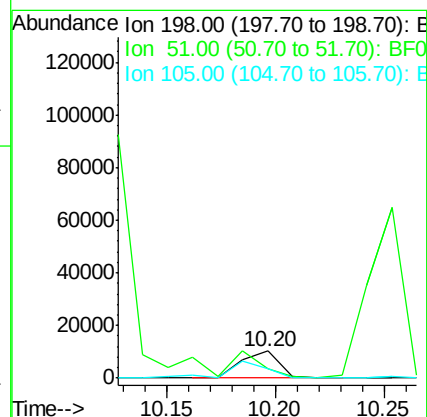
RT: 10.20 min Scan# 727

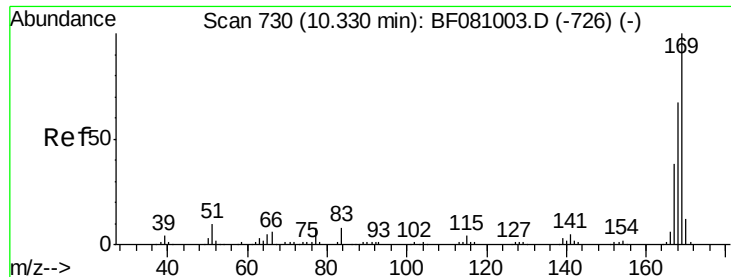
Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	198	Resp:	12420
Ion Ratio	Lower	Upper	
198	100		
51	36.4	79.7	119.7#
105	35.9	47.0	87.0#





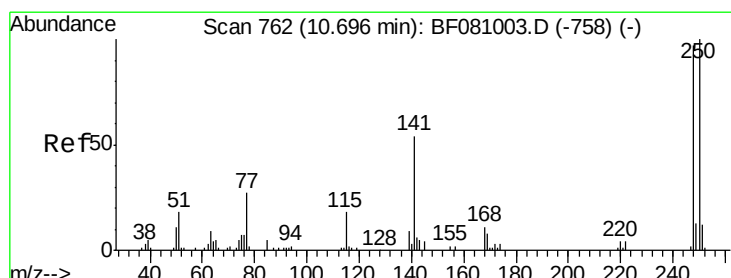
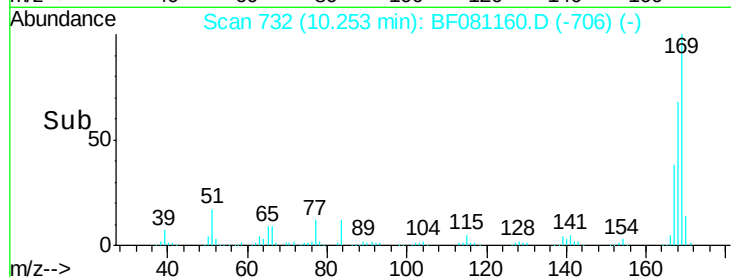
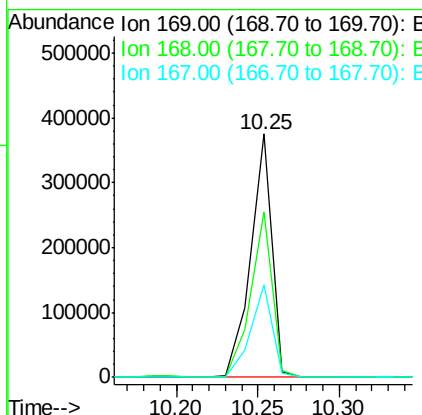
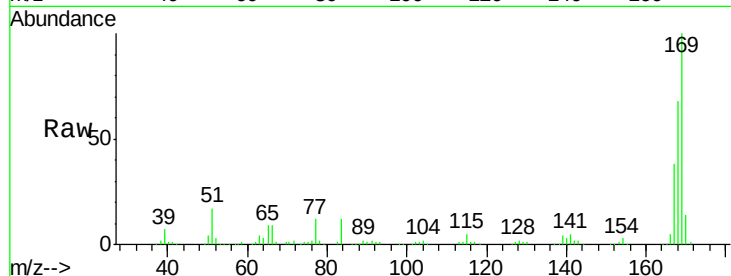
#65
 n-Nitrosodiphenylamine
 Concen: 41.97 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	338981		
168	68.1	55.3	82.9	
167	38.2	30.8	46.2	

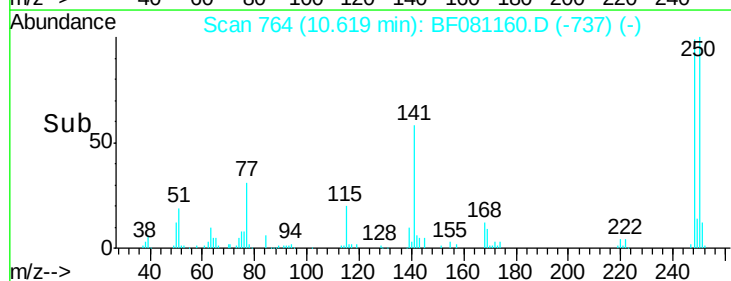
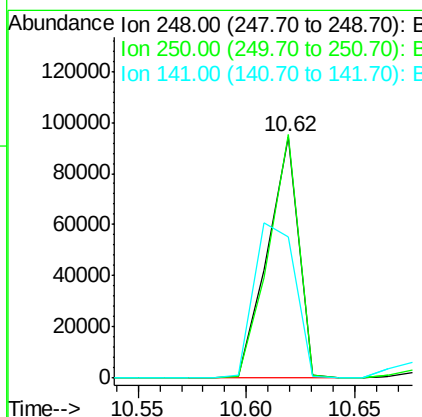
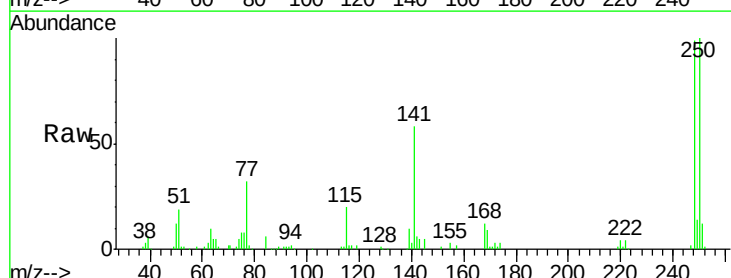
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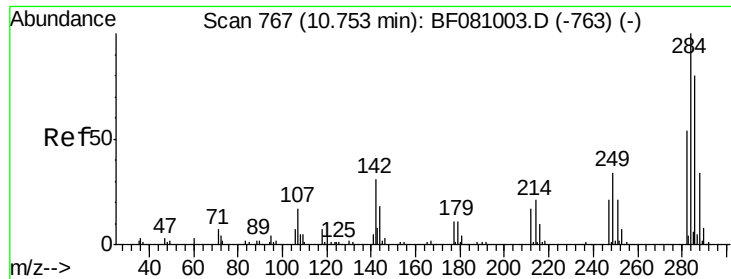
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#66
 4-Bromophenyl-phenylether
 Concen: 42.67 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	94837		
250	100.8	77.8	116.6	
141	58.6	39.8	59.6	





#67

Hexachlorobenzene

Concen: 43.68 ng

RT: 10.68 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF081160.D

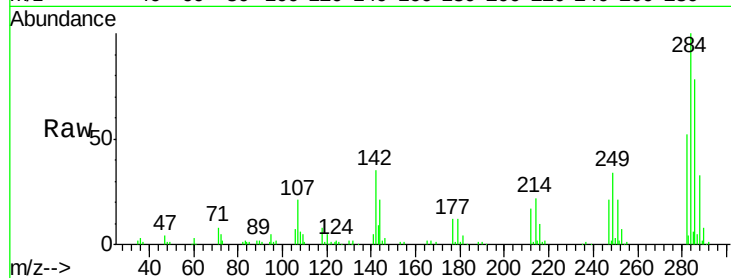
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

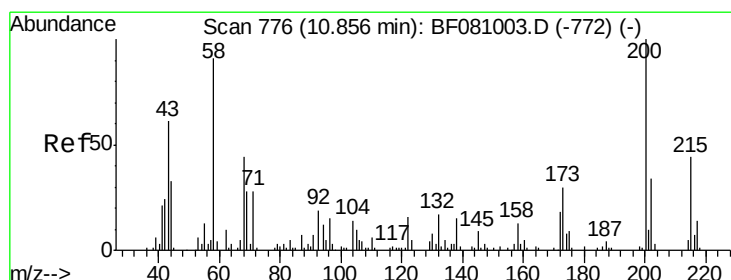
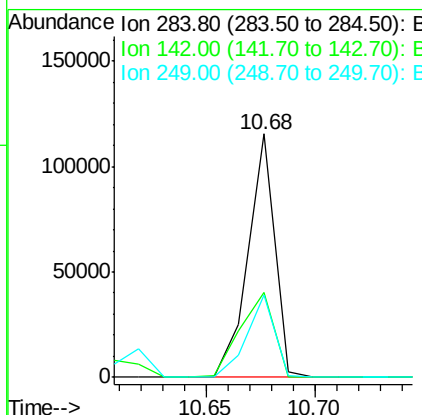
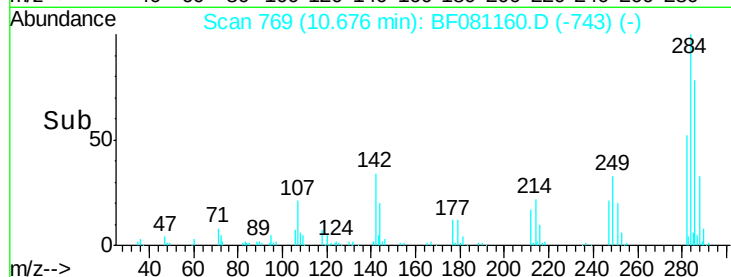
SSTDCCC040EC



Tgt Ion:	284	Resp:	98327
Ion Ratio	Lower	Upper	
284	100		
142	35.0	25.4	38.0
249	33.6	28.5	42.7

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#68

Atrazine

Concen: 39.46 ng

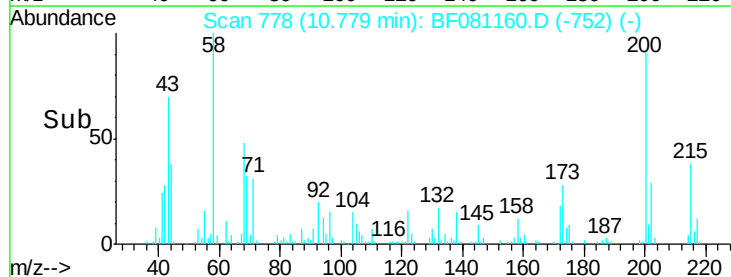
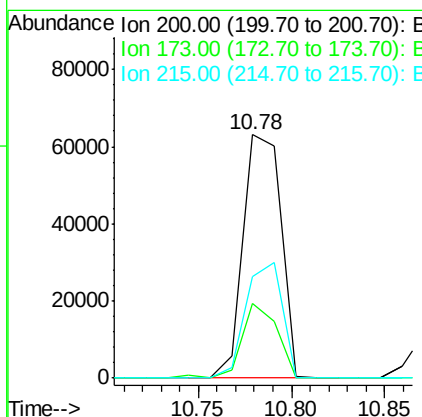
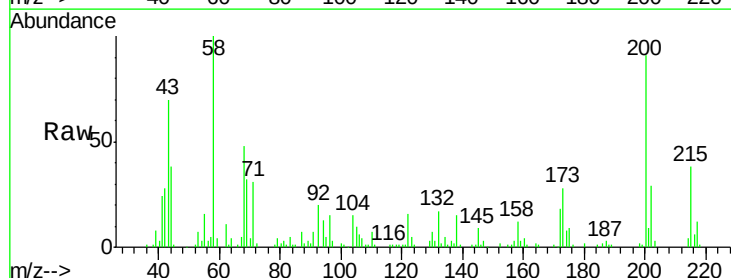
RT: 10.78 min Scan# 778

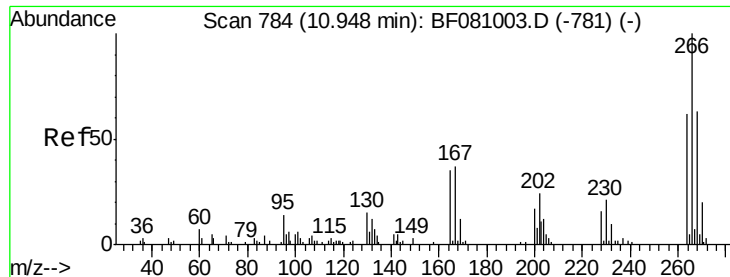
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	200	Resp:	88797
Ion Ratio	Lower	Upper	
200	100		
173	30.8	8.1	48.1
215	41.6	23.3	63.3





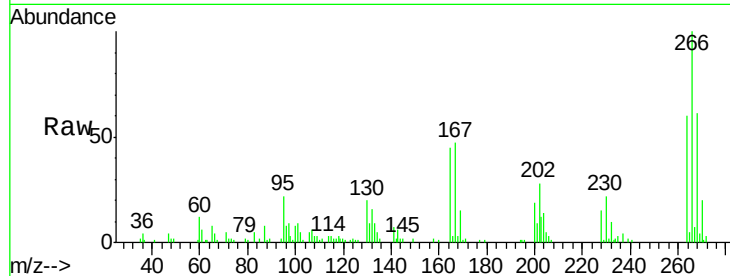
#69
 Pentachlorophenol
 Concen: 39.01 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

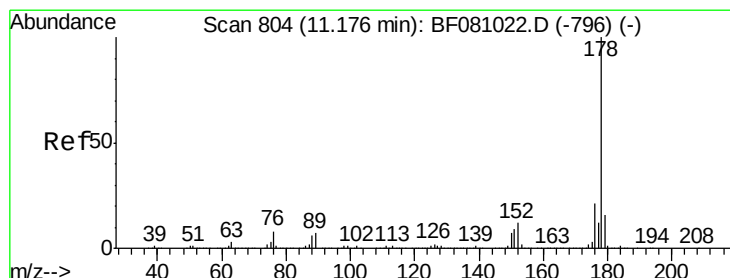
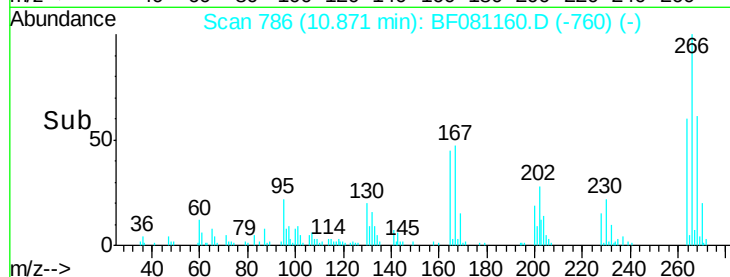
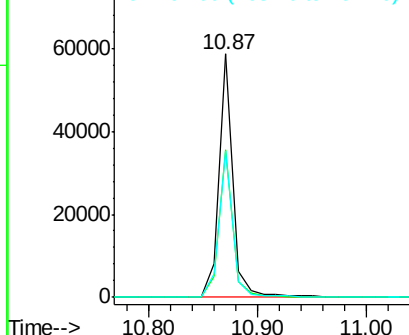
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	52686		
268	60.7	51.2	76.8	
264	59.9	50.6	75.8	

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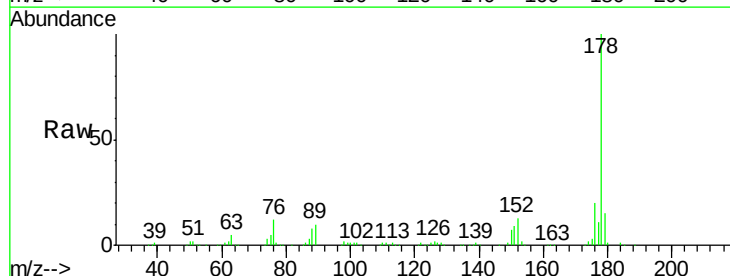


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

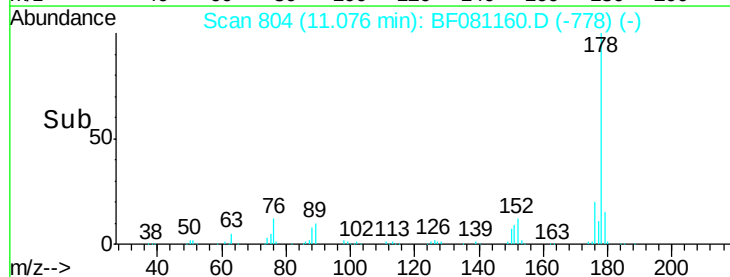
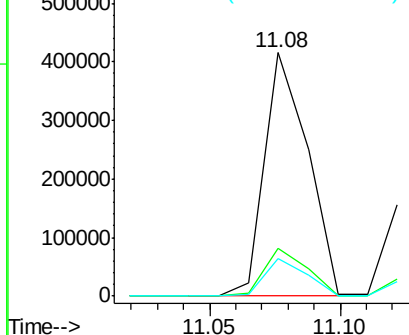


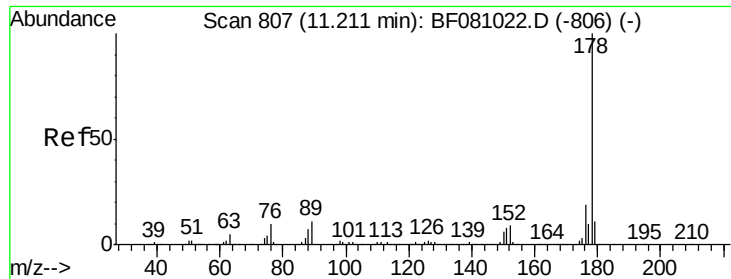
#70
 Phenanthrene
 Concen: 35.32 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	473602		
176	19.7	15.7	23.5	
179	15.4	12.2	18.2	



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: 41.78 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

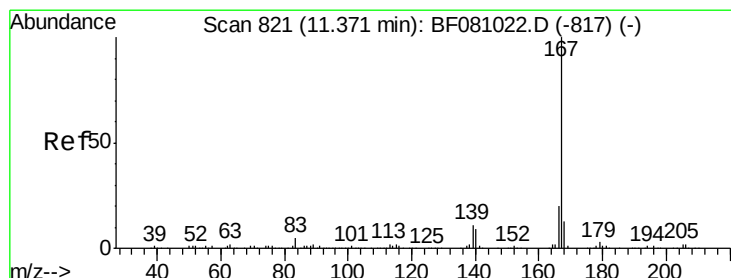
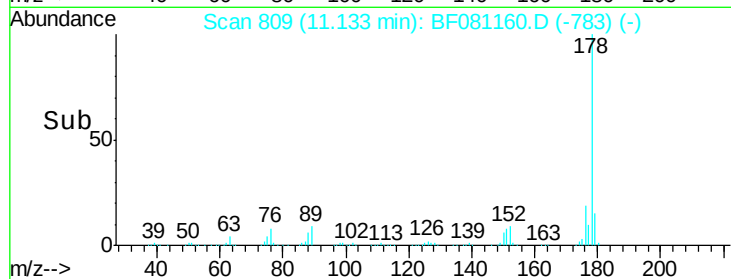
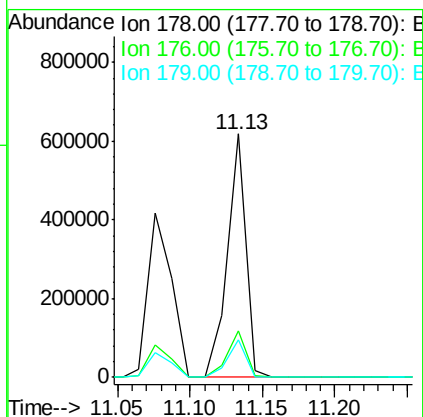
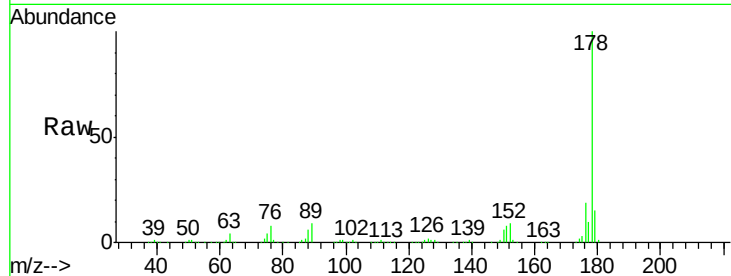
ClientSampleId :

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Tgt Ion:	178	Resp:	545138
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.7	23.5
179	15.2	12.7	19.1

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#72

Carbazole

Concen: 41.99 ng

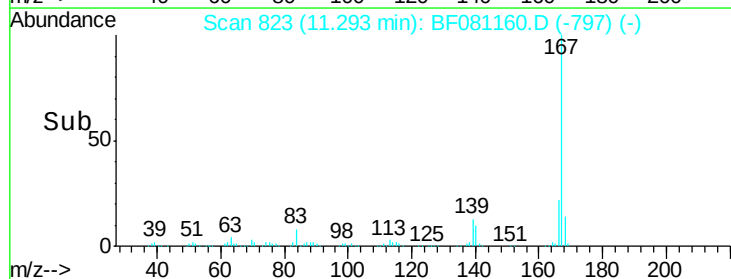
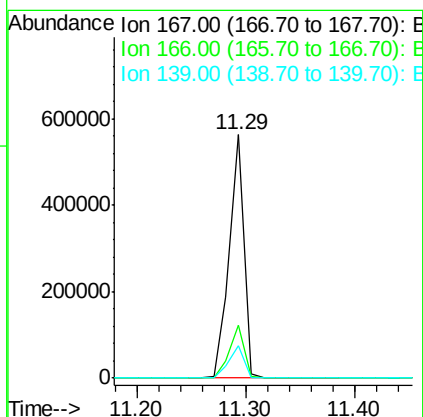
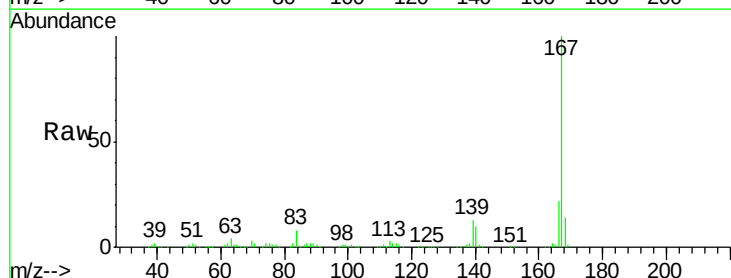
RT: 11.29 min Scan# 823

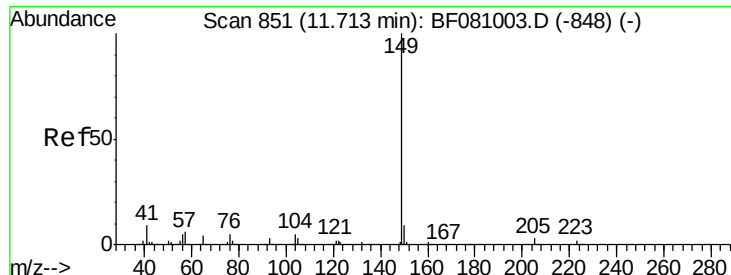
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	167	Resp:	527477
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.0
139	13.4	10.6	16.0





#73

Di-n-butylphthalate

Concen: 41.26 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

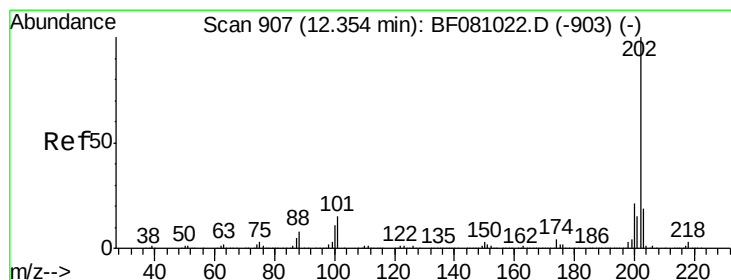
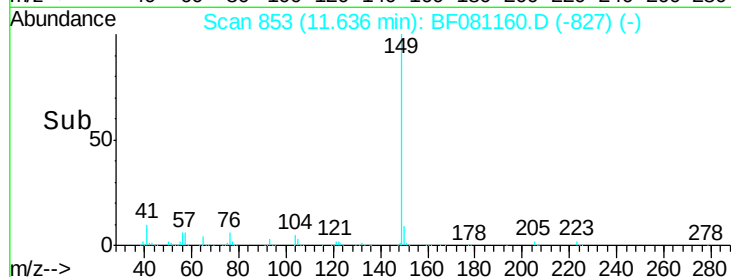
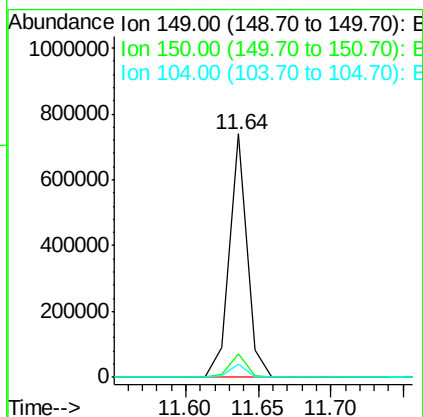
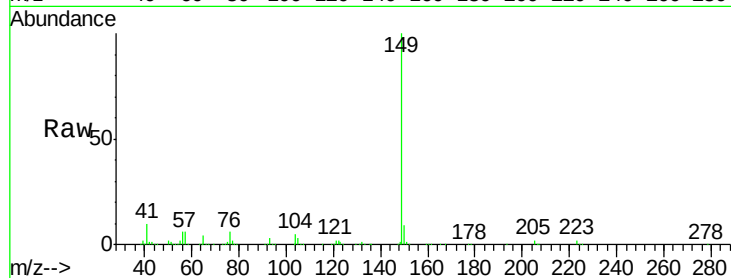
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627153		
150	9.4	7.1	10.7	
104	5.3	3.9	5.9	



#74

Fluoranthene

Concen: 33.00 ng

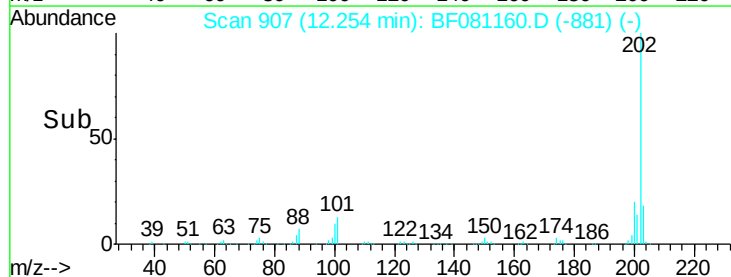
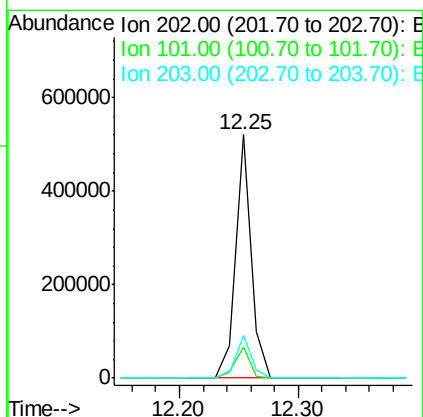
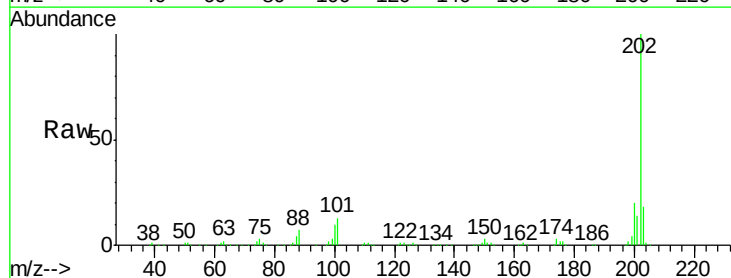
RT: 12.25 min Scan# 907

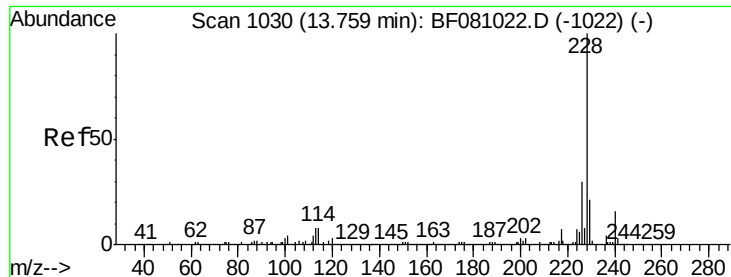
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	477498		
101	13.0	0.0	24.8	
203	17.7	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

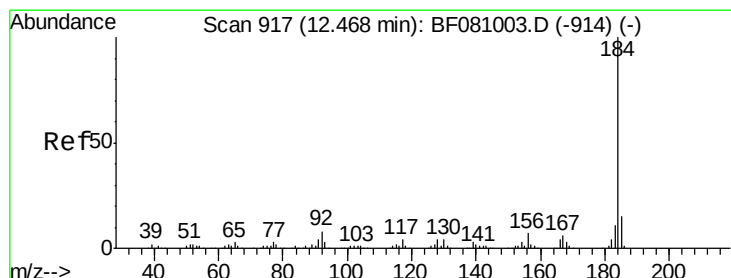
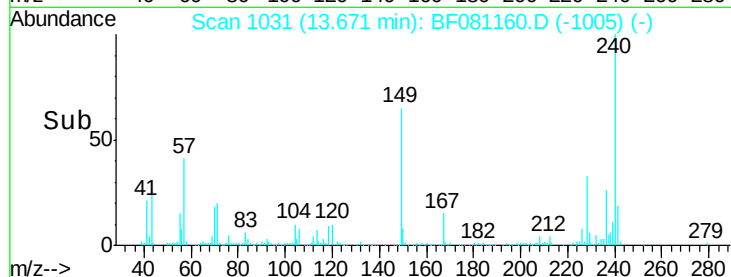
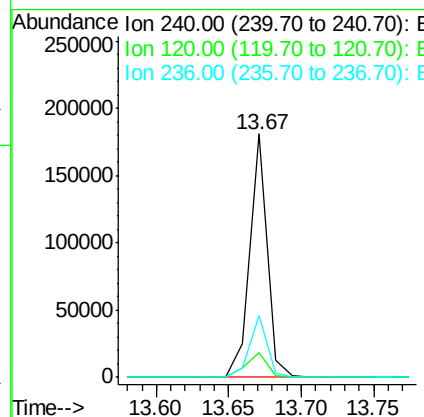
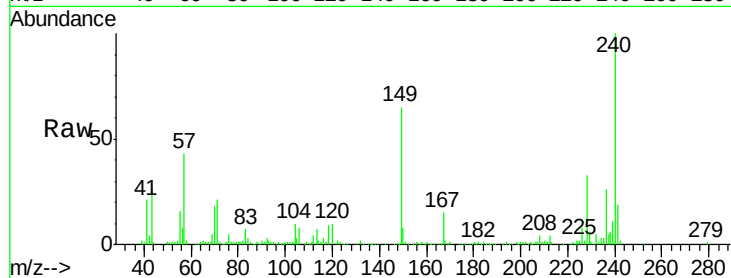
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	151778
Ion Ratio	Lower	Upper	
240	100		
120	9.9	5.6	8.4#
236	25.6	20.6	30.8

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#76

Benzidine

Concen: 49.22 ng

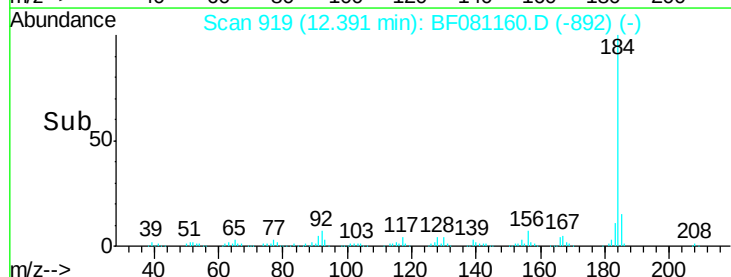
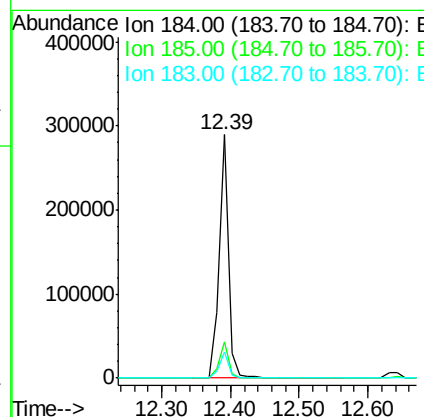
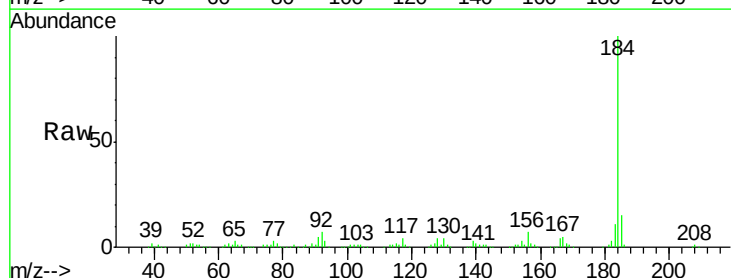
RT: 12.39 min Scan# 919

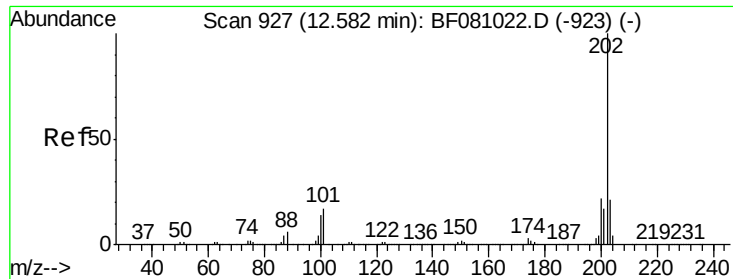
Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	184	Resp:	282230
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.0	18.0
183	10.9	8.9	13.3





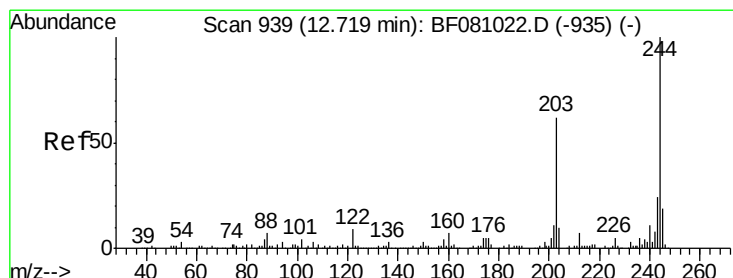
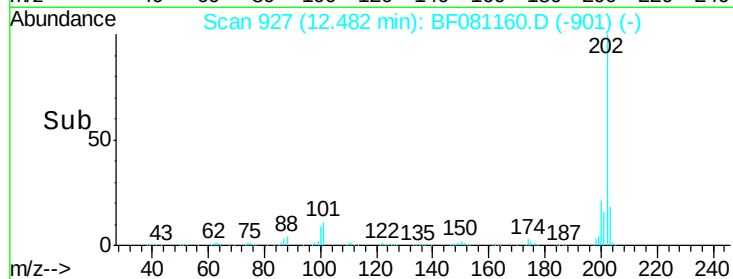
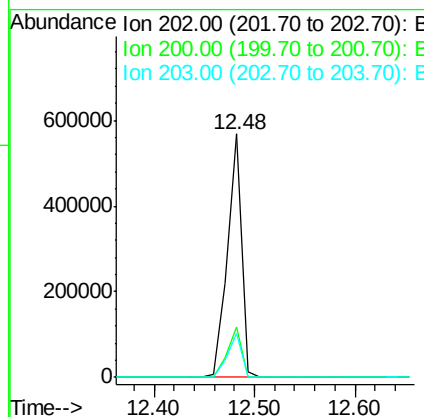
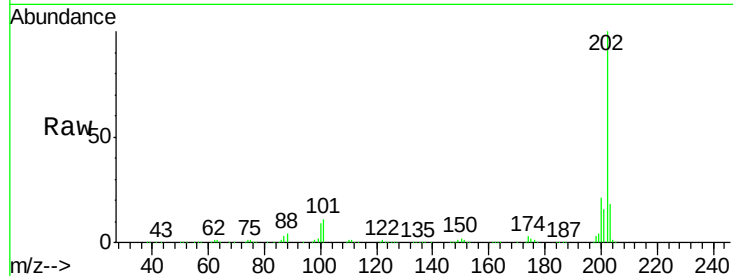
#77
 Pyrene
 Concen: 44.95 ng
 RT: 12.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.8	14.1	21.1

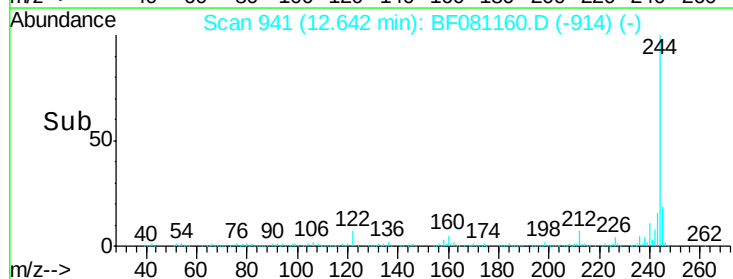
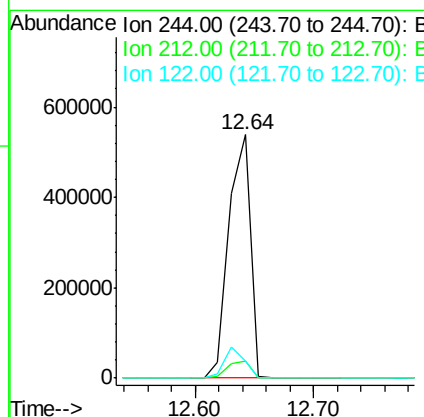
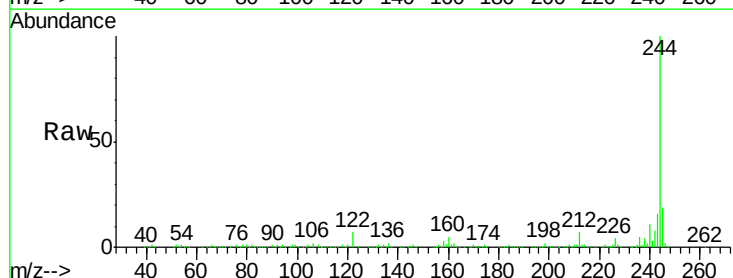
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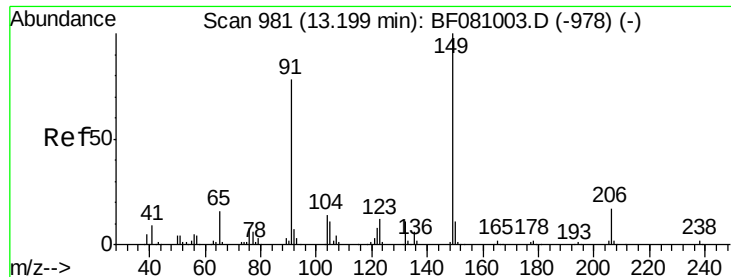
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#78
 Terphenyl-d14
 Concen: 95.63 ng
 RT: 12.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.8
122	6.8	8.2	12.4#





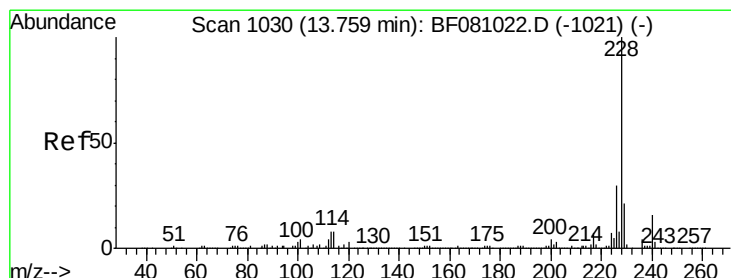
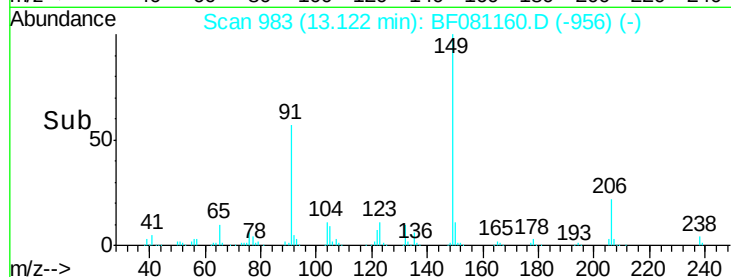
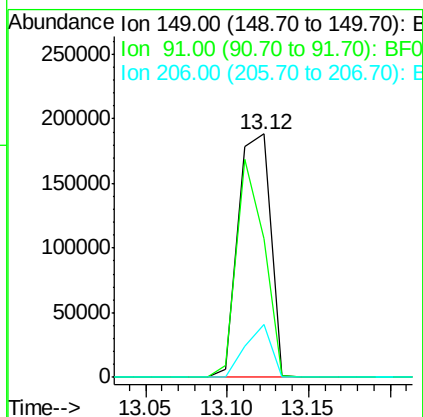
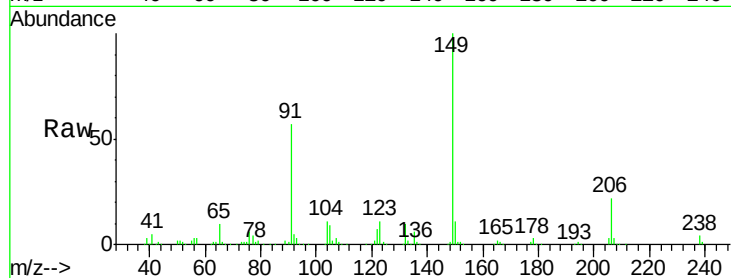
#79
Butylbenzylphthalate
Concen: 48.56 ng
RT: 13.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	257550		
91	57.2	46.9	70.3	
206	21.7	17.0	25.4	

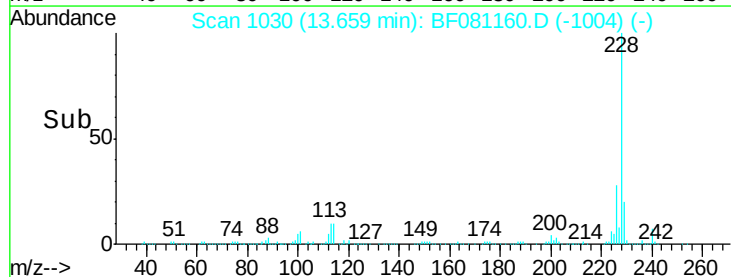
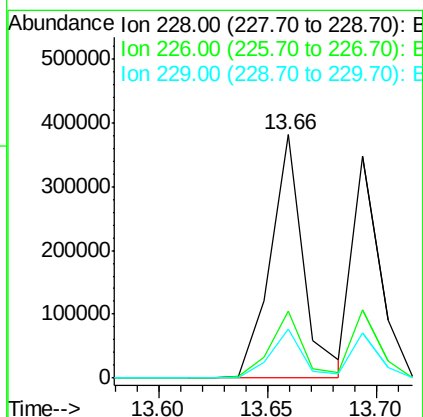
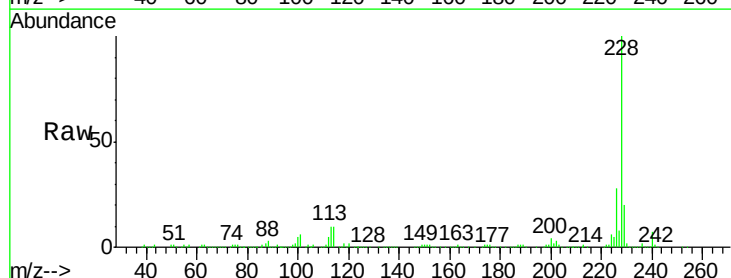
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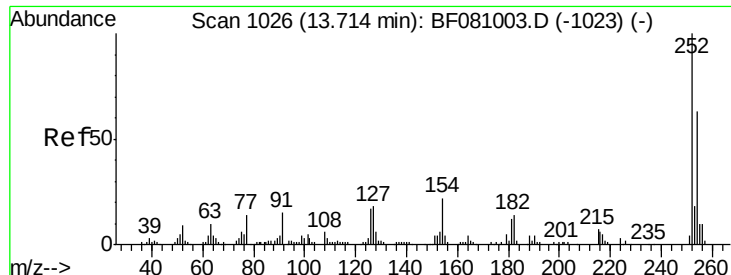
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#80
Benzo(a)anthracene
Concen: 40.04 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	407546		
226	27.7	22.3	33.5	
229	19.9	15.9	23.9	





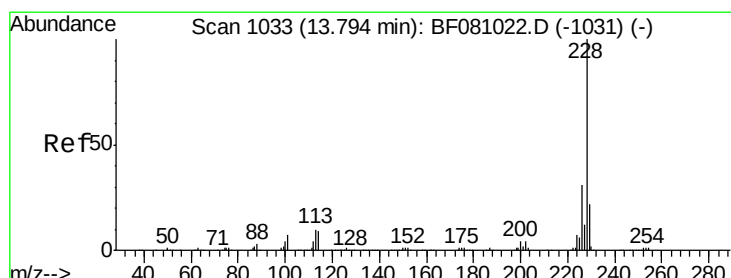
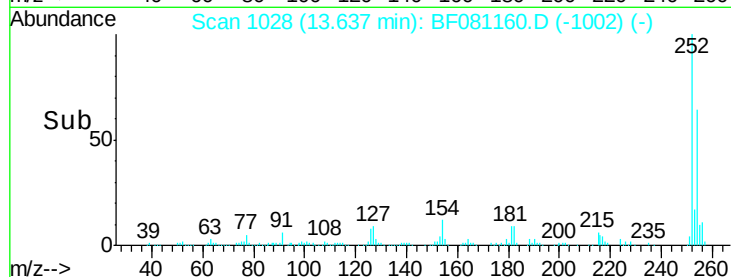
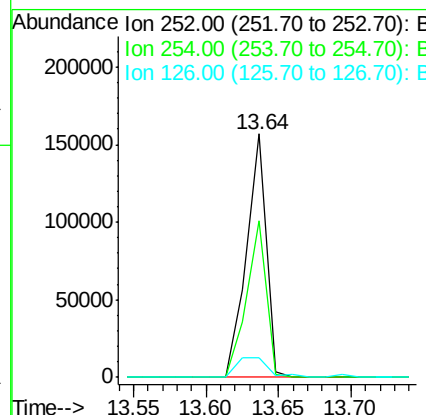
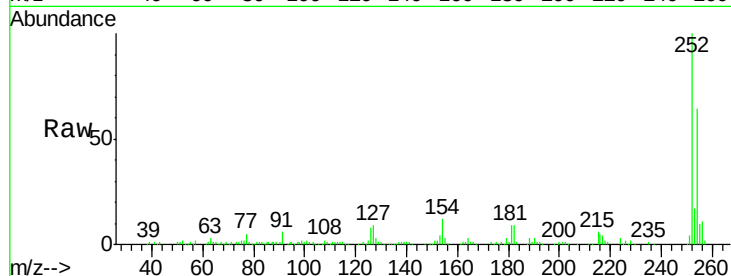
#81
 3,3'-Dichlorobenzidine
 Concen: 45.43 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	51.5	77.3
126	8.1	12.5	18.7

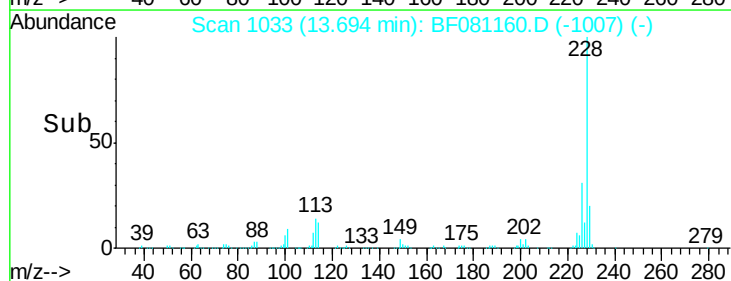
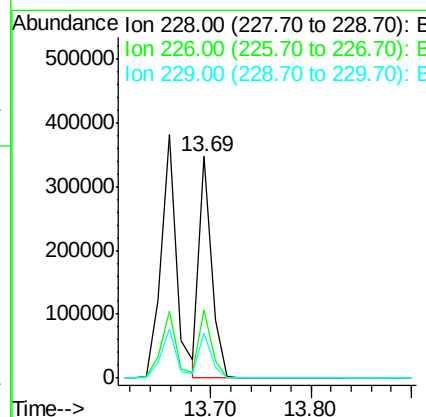
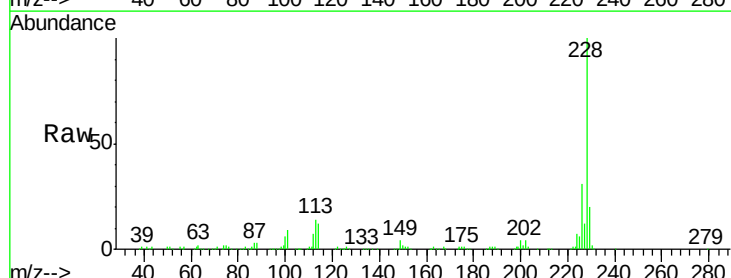
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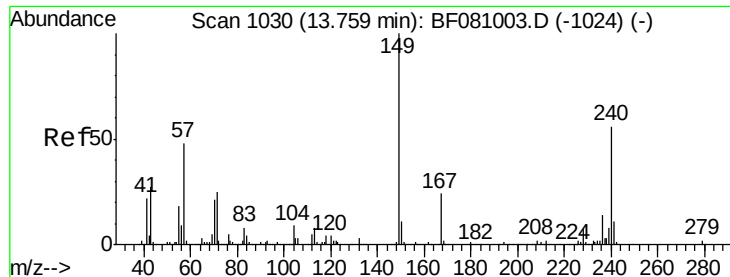
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#82
 Chrysene
 Concen: 33.41 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.4	36.6
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.05 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

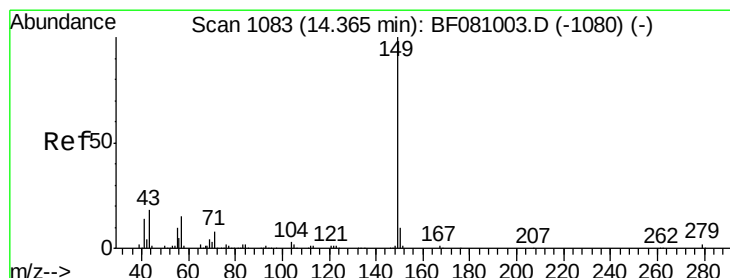
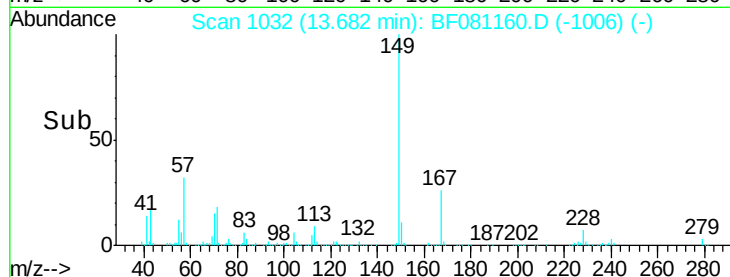
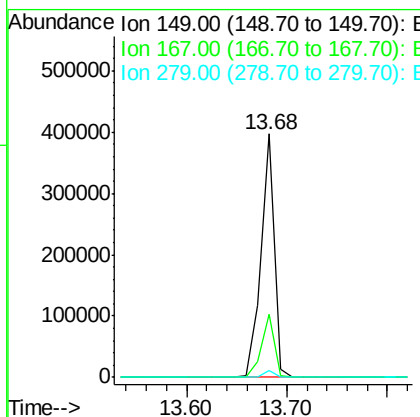
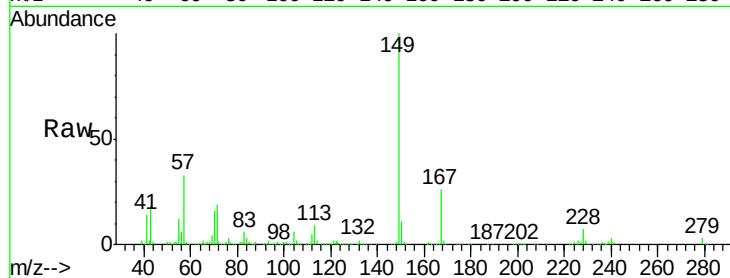
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	367159
Ion Ratio		Lower	Upper
149	100		
167	26.0	20.7	31.1
279	2.5	2.2	3.4

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#84

Di-n-octyl phthalate

Concen: 55.19 ng

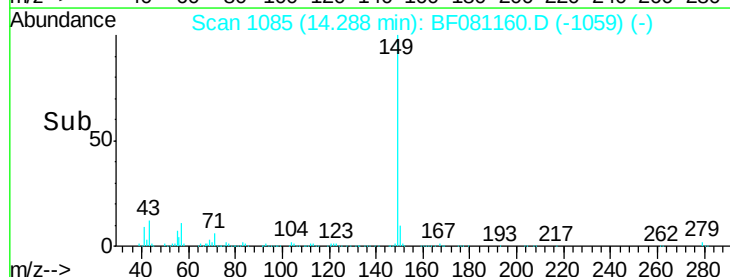
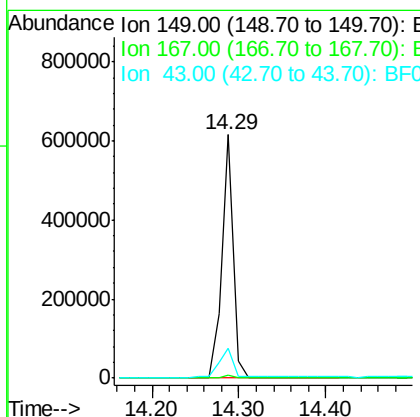
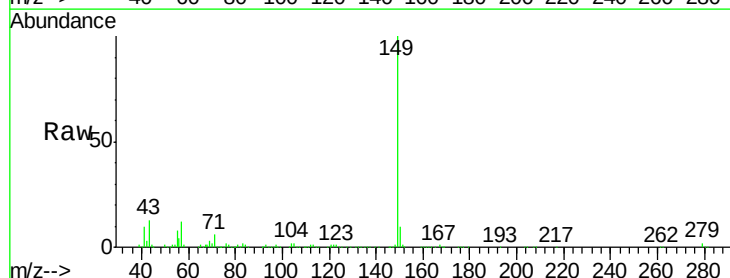
RT: 14.29 min Scan# 1085

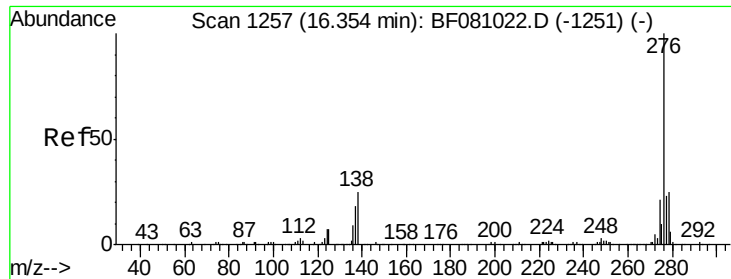
Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:	149	Resp:	569878
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	15.7	11.6	17.4





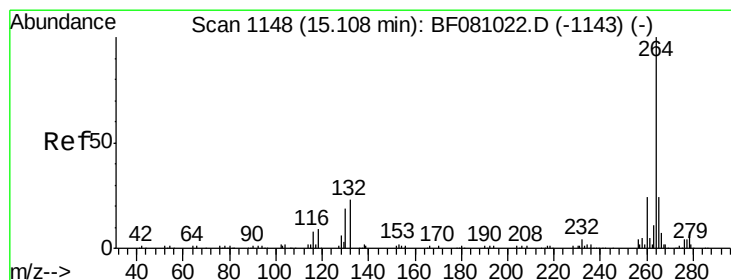
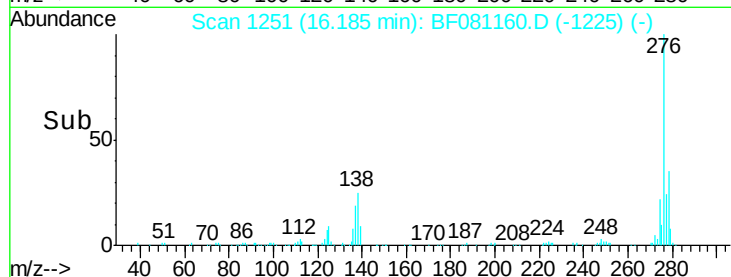
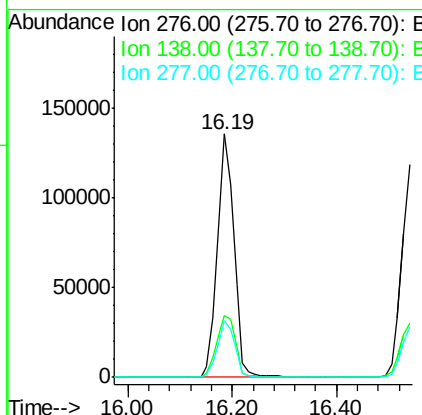
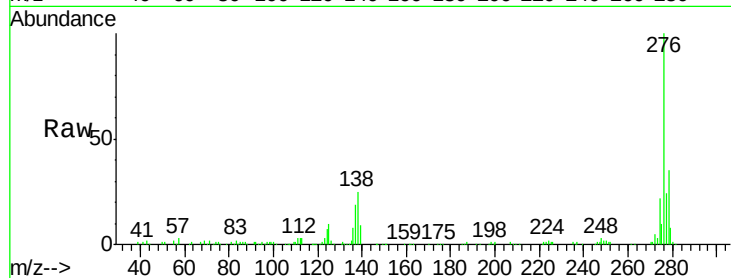
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.14 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	303607		
138	28.6	18.6	28.0	#
277	23.9	19.8	29.8	

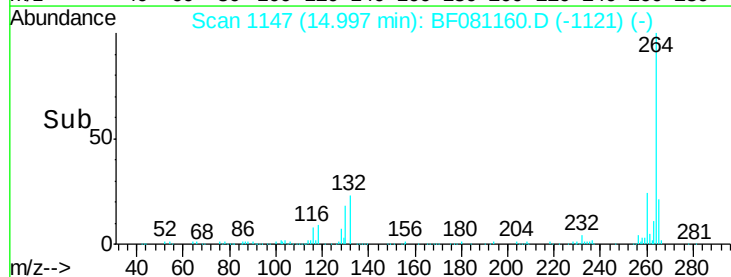
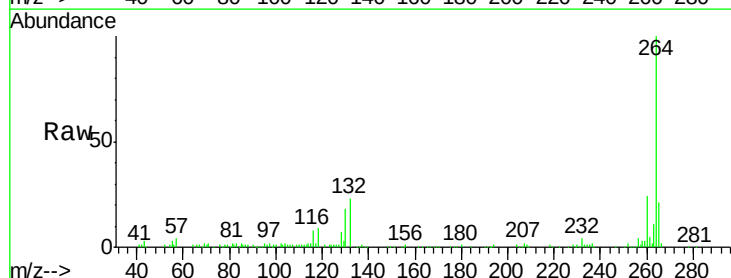
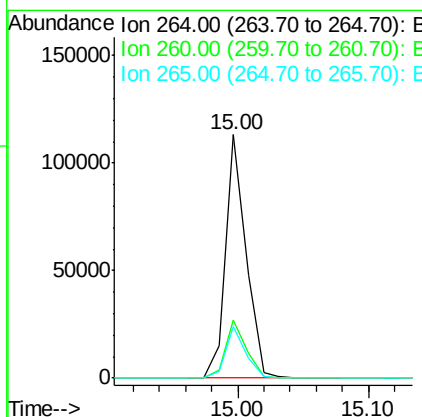
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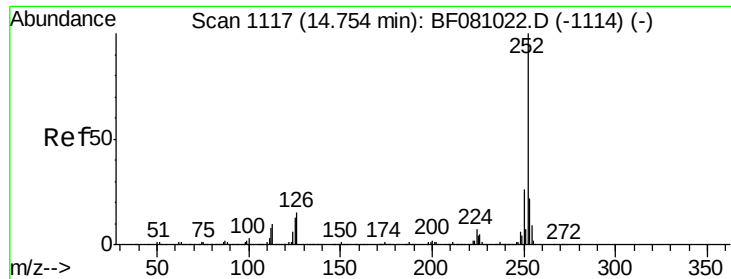
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	123650		
260	23.7	19.6	29.4	
265	21.4	17.5	26.3	





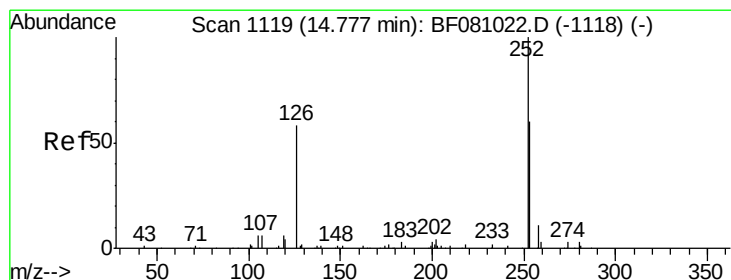
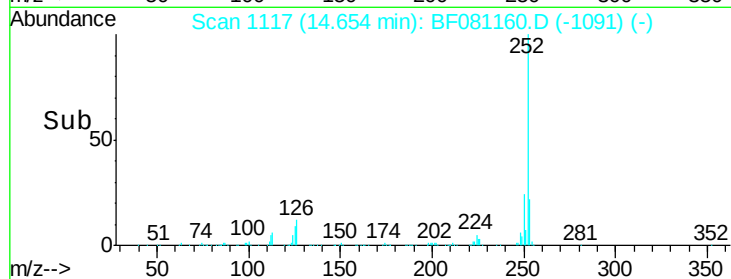
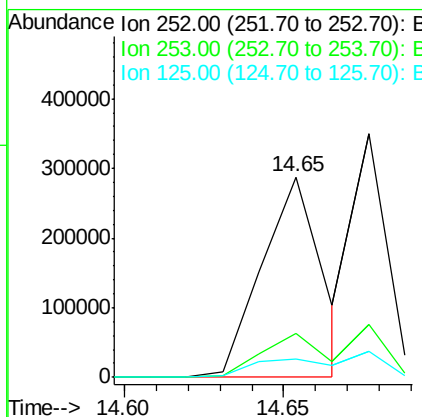
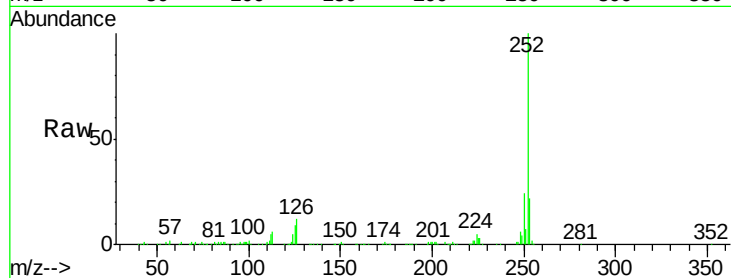
#87
Benzo(b)fluoranthene
Concen: 43.25 ng m
RT: 14.65 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.2	8.0	12.0

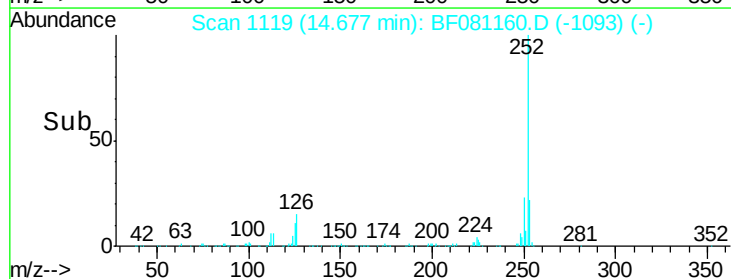
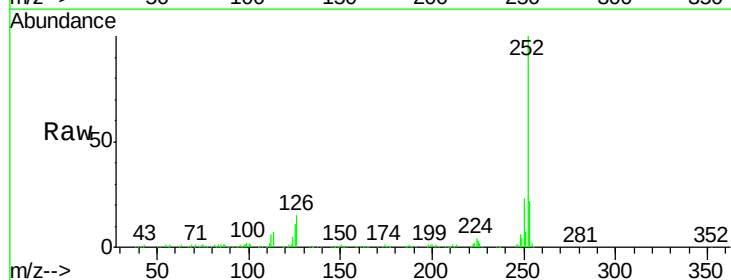
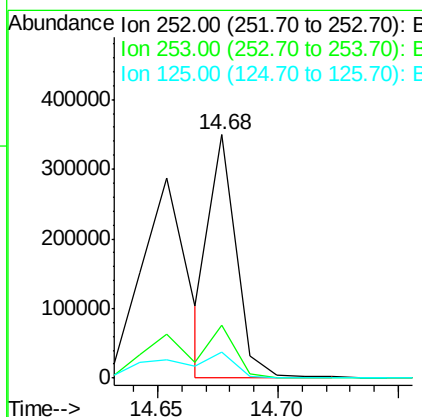
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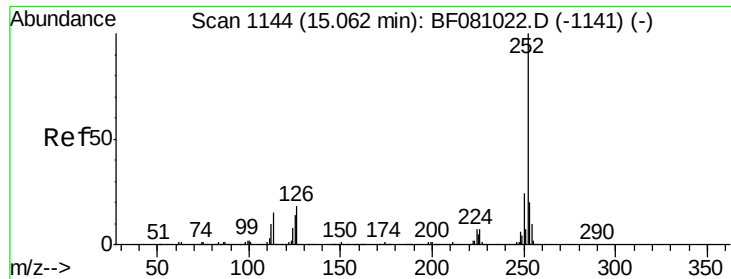
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#88
Benzo(k)fluoranthene
Concen: 32.85 ng m
RT: 14.68 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.9	10.3	15.5





#89

Benzo(a)pyrene

Concen: 41.16 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

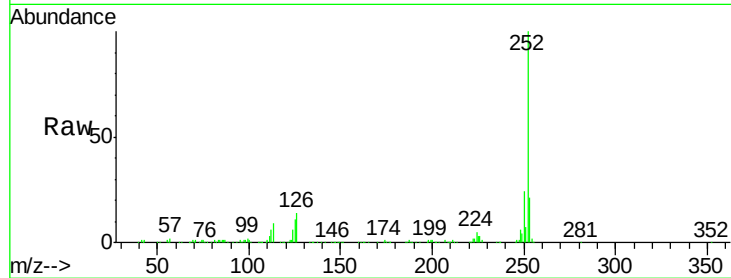
ClientSampleId :

SSTDCCC040EC

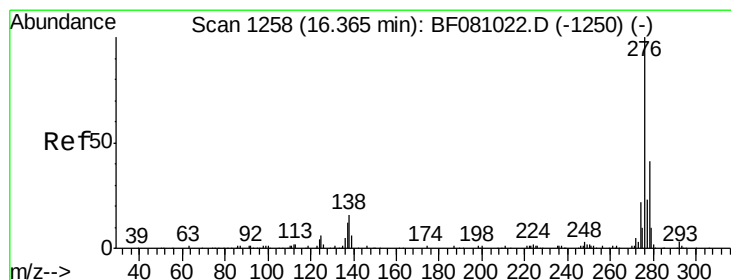
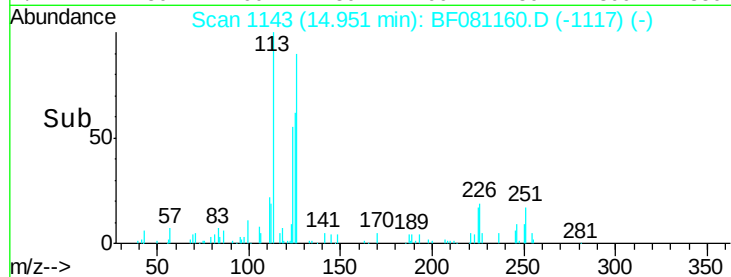
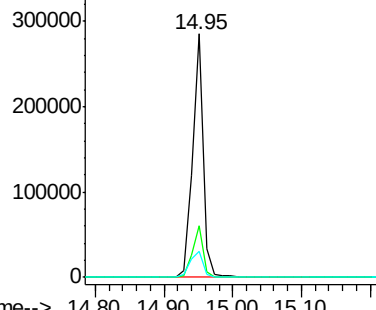
Tgt Ion:	252	Resp:	313648
Ion Ratio	Lower	Upper	
252	100		
253	21.4	16.6	25.0
125	10.9	7.8	11.8

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



#90

Dibenzo(a,h)anthracene

Concen: 42.39 ng

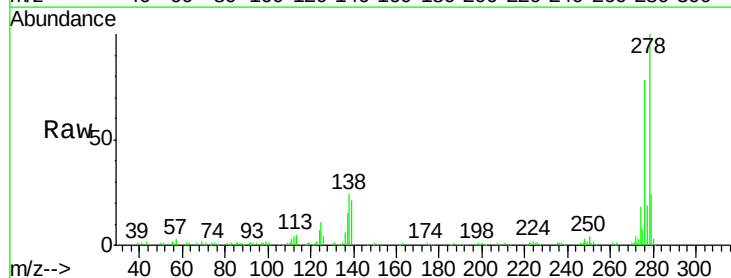
RT: 16.20 min Scan# 1252

Delta R.T. -0.00 min

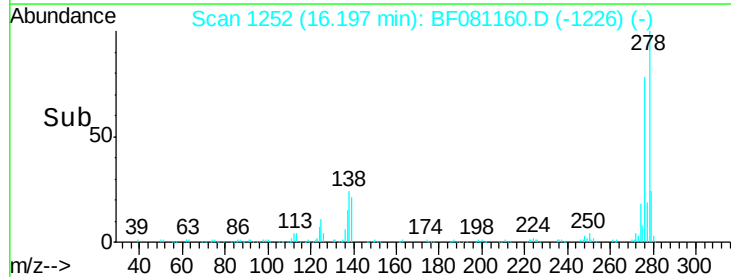
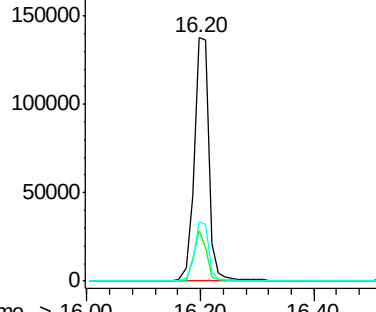
Lab File: BF081160.D

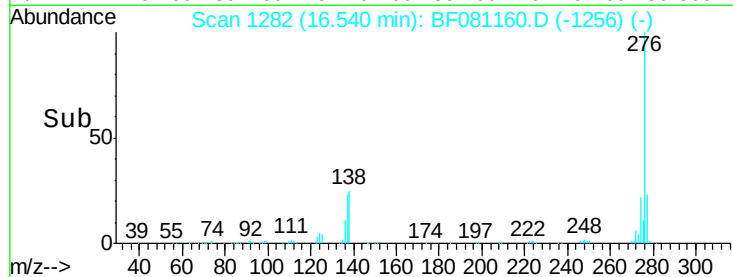
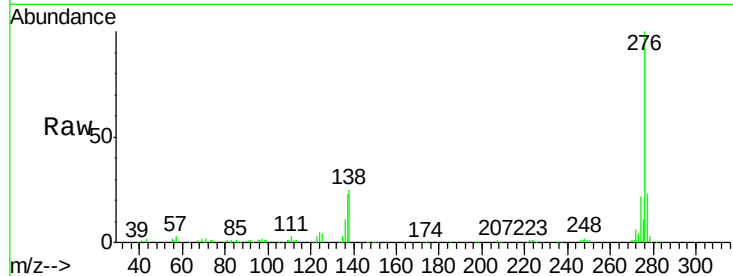
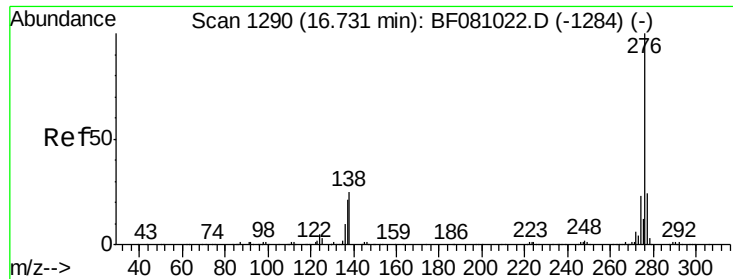
Acq: 21 Aug 2015 22:52

Tgt Ion:	278	Resp:	251745
Ion Ratio	Lower	Upper	
278	100		
139	20.8	10.8	16.2#
279	24.4	19.0	28.6



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





#91
 Benzo(g,h,i)perylene
 Concen: 37.50 ng
 RT: 16.54 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	18.2	27.2
138	25.3	13.7	20.5

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