

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086320.D
 Acq On : 20 Apr 2016 20:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 4/21/2016 7:10:22 PM

Quant Time: Apr 21 01:34:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	254025	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1026015	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	456470	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	702213	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	414959	20.00	ng	-0.03
86) Perylene-d12	15.44	264	446964	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1130743	77.66	ng	-0.03
7) Phenol-d6	6.49	99	1473426	77.33	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1355375	75.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	286986	80.66	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2047770	85.97	ng	-0.03
78) Terphenyl-d14	12.97	244	1391687	79.83	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	303076	38.43	ng	96
3) Pyridine	3.18	79	820260	40.62	ng	98
4) n-Nitrosodimethylamine	3.13	42	285248	41.00	ng	# 75
6) Aniline	6.52	93	1008907	39.35	ng	95
8) 2-Chlorophenol	6.65	128	661575	38.25	ng	87
9) Benzaldehyde	6.41	77	525808	38.94	ng	95
10) Phenol	6.51	94	839496	38.45	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	738242	38.71	ng	91
12) 1,3-Dichlorobenzene	6.81	146	727704m	38.35	ng	
13) 1,4-Dichlorobenzene	6.88	146	762431	37.61	ng	98
14) 1,2-Dichlorobenzene	7.04	146	678127	37.70	ng	98
15) Benzyl Alcohol	7.00	79	459169	38.79	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1056069	39.35	ng	91
17) 2-Methylphenol	7.12	107	554416	38.36	ng	98
18) Hexachloroethane	7.38	117	250159	41.40	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	436355	37.81	ng	98
20) 3+4-Methylphenols	7.28	107	595624	37.99	ng	# 76
22) Acetophenone	7.28	105	810479	37.60	ng	# 89
24) Nitrobenzene	7.45	77	738801	38.55	ng	95
25) Isophorone	7.69	82	1275189	37.57	ng	99
26) 2-Nitrophenol	7.77	139	366483	42.75	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	625439	37.20	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	806367	40.62	ng	99
29) 2,4-Dichlorophenol	8.01	162	542537	40.92	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	544790	38.09	ng	99
31) Naphthalene	8.17	128	1921010	39.28	ng	99
32) Benzoic acid	7.92	122	375321	37.56	ng	97
33) 4-Chloroaniline	8.22	127	817225	40.37	ng	# 93
34) Hexachlorobutadiene	8.29	225	271155	37.61	ng	97
35) Caprolactam	8.60	113	178481	41.57	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	601106	40.32	ng	98
37) 2-Methylnaphthalene	8.86	142	1164080	38.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	469173	38.61	ng	96
40) Hexachlorocyclopentadiene	9.01	237	126409	43.26	ng	98

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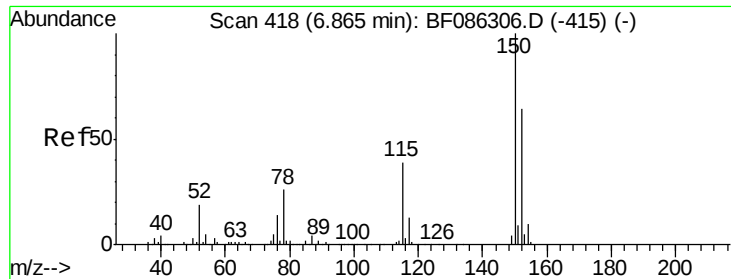
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	334119	39.64	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	361541	39.38	nq	# 82
45) 1,1'-Biphenyl	9.33	154	1379202	38.47	nq	95
46) 2-Chloronaphthalene	9.36	162	1113828	41.00	nq	94
47) 2-Nitroaniline	9.45	65	369274	40.00	nq	# 81
48) Acenaphthylene	9.77	152	1750684	41.27	nq	99
49) Dimethylphthalate	9.63	163	1337903	38.50	nq	100
50) 2,6-Dinitrotoluene	9.69	165	279690	39.11	nq	# 78
51) Acenaphthene	9.94	154	1039086	41.75	nq	100
52) 3-Nitroaniline	9.86	138	362293	39.84	nq	86
53) 2,4-Dinitrophenol	9.96	184	64845	46.47	nq	# 71
54) Dibenzofuran	10.11	168	1389839	41.08	nq	97
55) 4-Nitrophenol	10.02	139	213268	37.82	nq	# 77
56) 2,4-Dinitrotoluene	10.09	165	357127	40.18	nq	# 75
57) Fluorene	10.45	166	1033010	41.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	260664	42.32	nq	94
59) Diethylphthalate	10.33	149	1275572	37.61	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	450975	38.84	nq	94
61) 4-Nitroaniline	10.46	138	322736	37.91	nq	90
62) Azobenzene	10.60	77	1265913	37.87	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	110420	49.75	nq	# 58
65) n-Nitrosodiphenylamine	10.57	169	966032	41.76	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	302832	40.14	nq	# 91
67) Hexachlorobenzene	11.00	284	300569	39.69	nq	# 65
68) Atrazine	11.09	200	296699	41.72	nq	94
69) Pentachlorophenol	11.18	266	174091	43.89	nq	94
70) Phenanthrene	11.41	178	1373600	41.28	nq	99
71) Anthracene	11.46	178	1479495	41.52	nq	99
72) Carbazole	11.62	167	1374254	40.75	nq	97
73) Di-n-butylphthalate	11.95	149	1821811	41.96	nq	99
74) Fluoranthene	12.59	202	1201213	38.93	nq	99
76) Benzidine	12.72	184	694245	37.90	nq	97
77) Pyrene	12.82	202	1182271	38.41	nq	99
79) Butylbenzylphthalate	13.44	149	635587	39.11	nq	# 72
80) Benzo(a)anthracene	14.01	228	825697	37.77	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	607014	40.15	nq	98
82) Chrysene	14.04	228	957795	40.54	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	744068	39.10	nq	98
84) Di-n-octyl phthalate	14.61	149	1342499	39.15	nq	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	992703	40.86	nq	97
87) Benzo(b)fluoranthene	15.04	252	1051375m	40.67	nq	
88) Benzo(k)fluoranthene	15.06	252	866903m	39.83	nq	
89) Benzo(a)pyrene	15.38	252	948278	39.80	nq	99
90) Dibenzo(a,h)anthracene	16.85	278	839420	40.36	nq	98
91) Benzo(g,h,i)perylene	17.25	276	801398	40.18	nq	96

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



#1

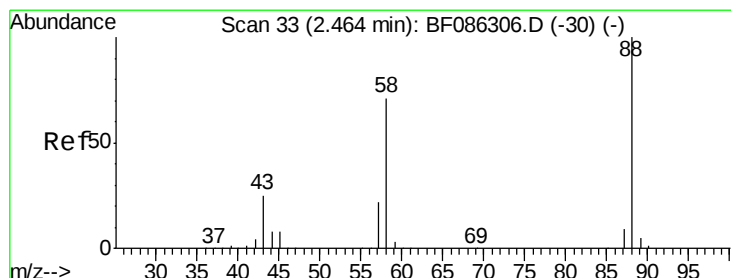
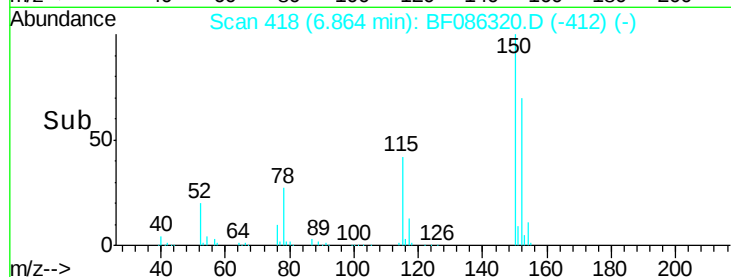
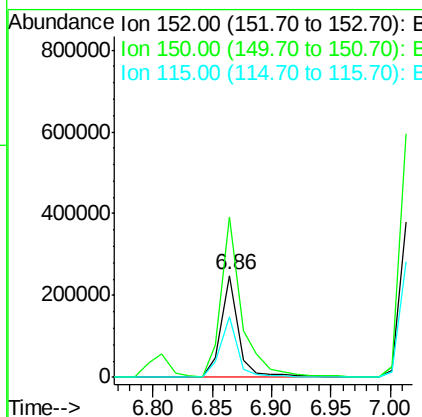
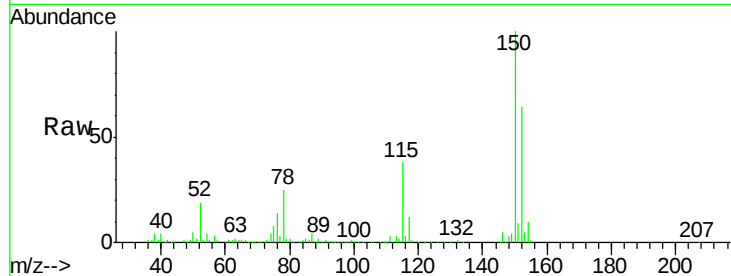
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	59.8	43.9	65.9

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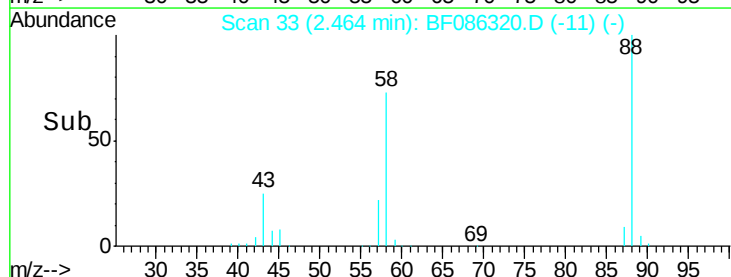
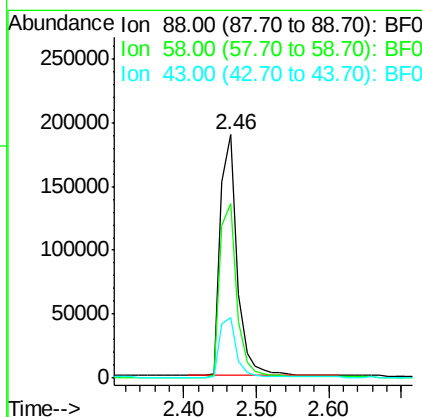
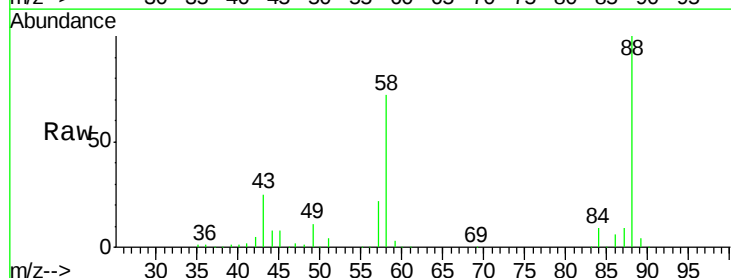
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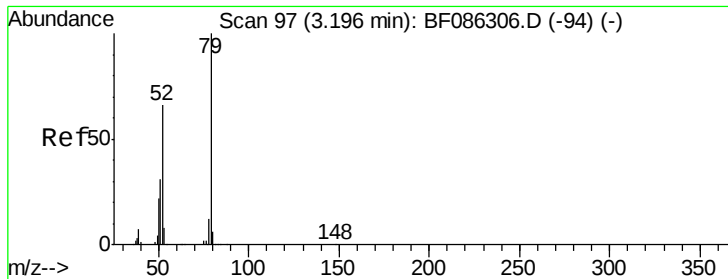


#2

1,4-Dioxane
Concen: 38.43 ng
RT: 2.46 min Scan# 33
Delta R.T. -0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	58.4	87.6
43	25.7	23.3	34.9





#3

Pvridine

Concen: 40.62 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.07 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

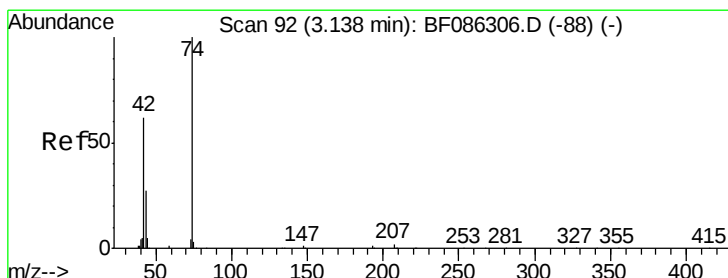
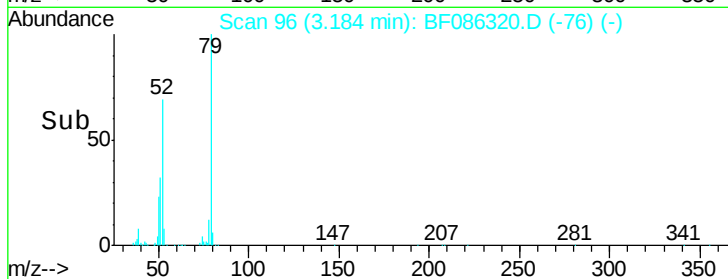
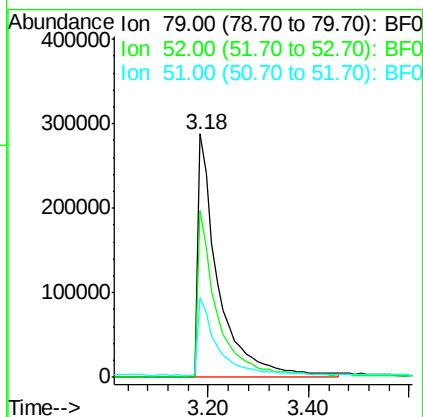
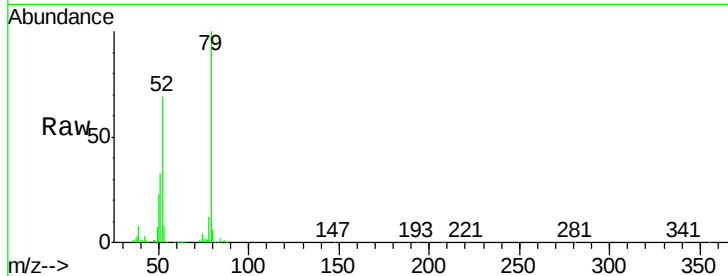
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	820260
Ion Ratio	Lower	Upper	
79	100		
52	68.6	55.4	83.2
51	32.7	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 41.00 ng

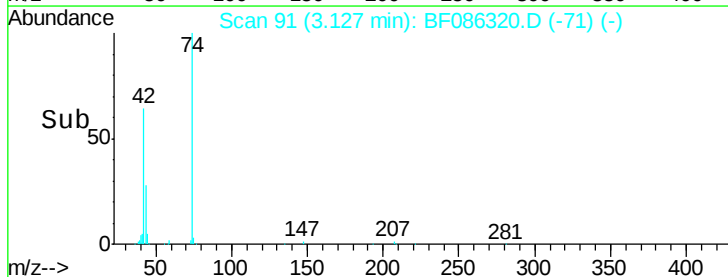
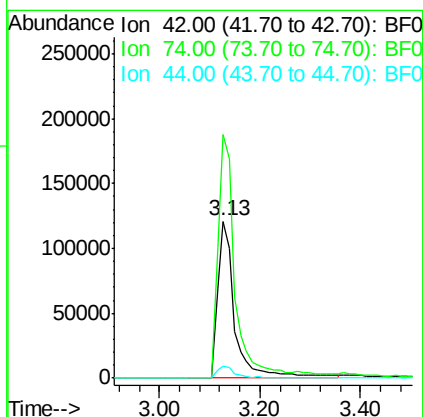
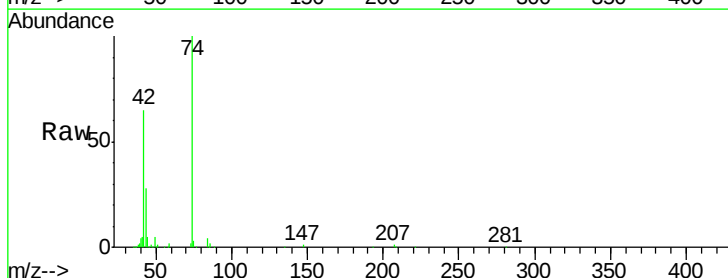
RT: 3.13 min Scan# 91

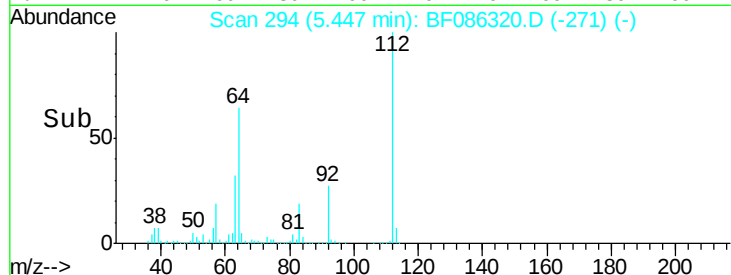
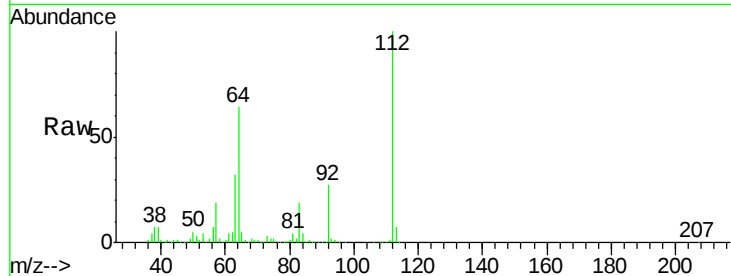
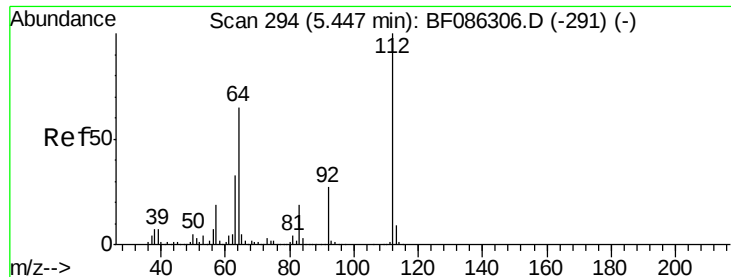
Delta R.T. -0.07 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	42	Resp:	285248
Ion Ratio	Lower	Upper	
42	100		
74	155.0	100.5	150.7#
44	7.9	5.4	8.0





#5

2-Fluorophenol

Concen: 77.66 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tot Ion: 112 Resp: 1130743

Ion Ratio Lower Upper

112 100

64 63.9 48.1 72.1

63 31.9 25.5 38.3

Instrument :

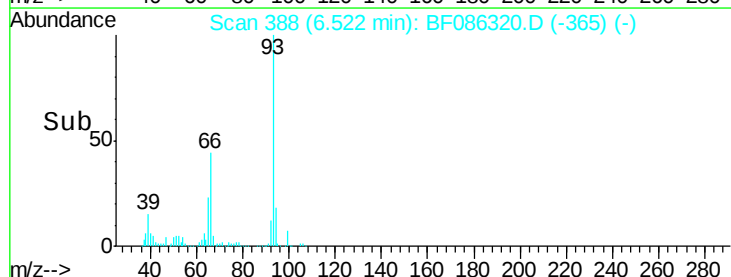
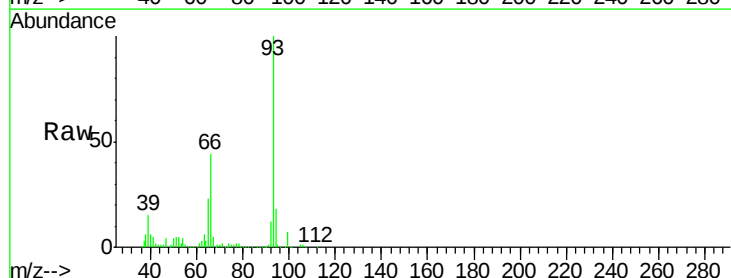
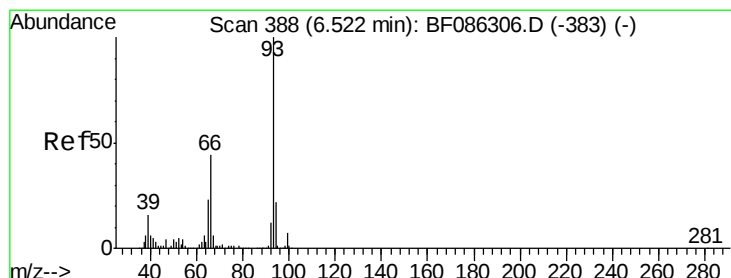
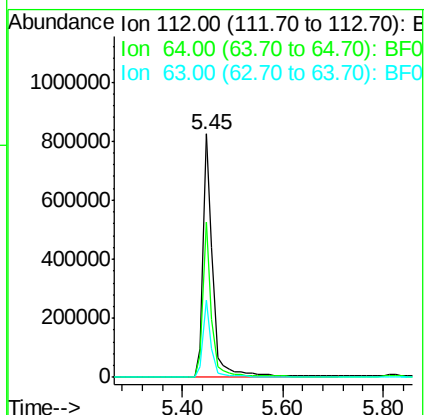
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 39.35 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

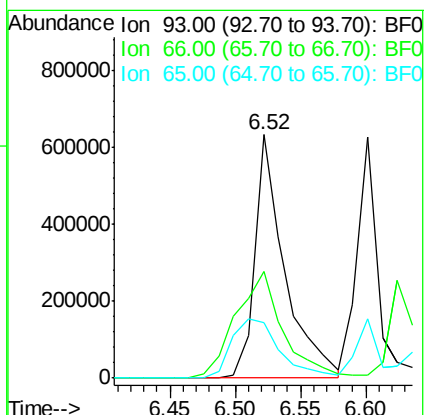
Tgt Ion: 93 Resp: 1008907

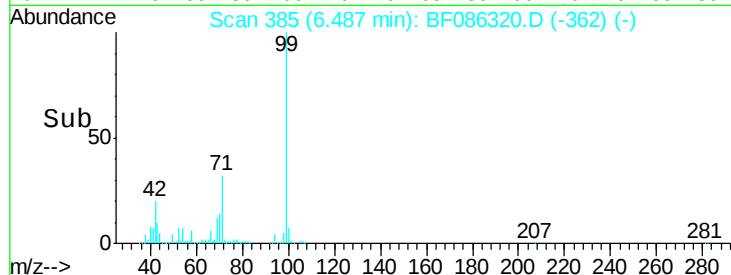
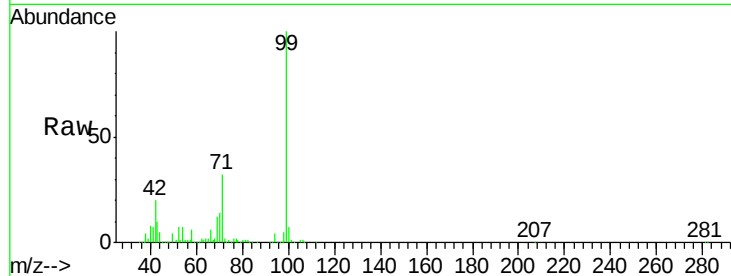
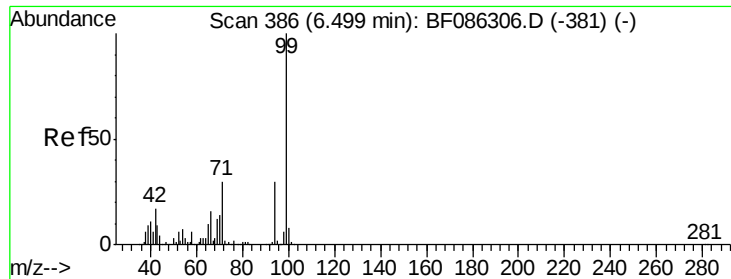
Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

65 22.9 16.4 24.6





#7

Phenol-d6

Concen: 77.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tot Ion:	99	Resp:	1473426
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.2
71	32.1	25.6	38.4

Instrument :

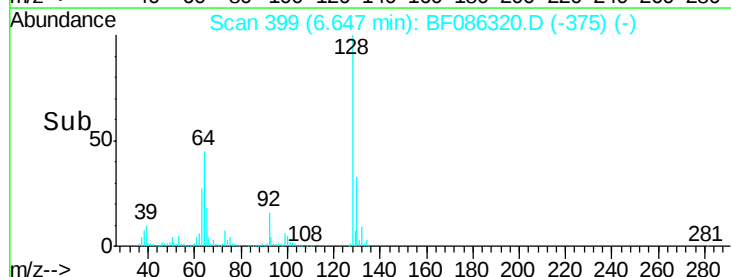
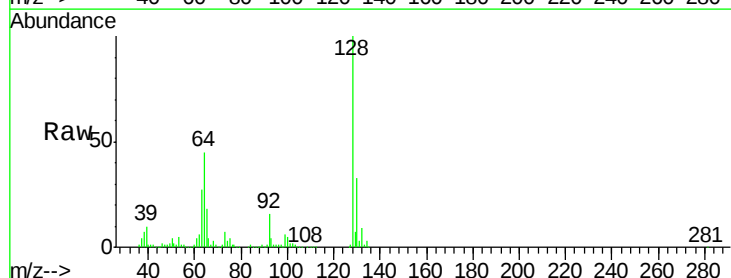
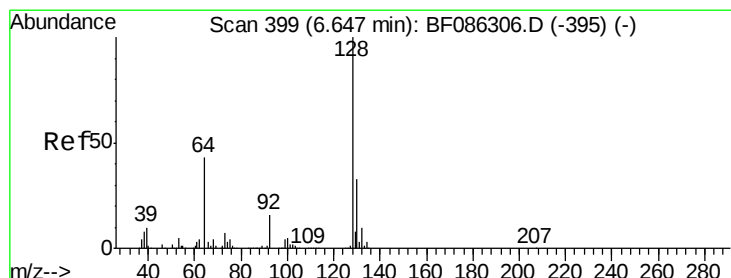
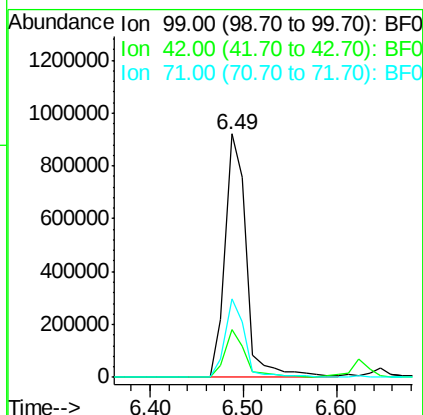
BNA_F

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#8

2-Chlorophenol

Concen: 38.25 ng

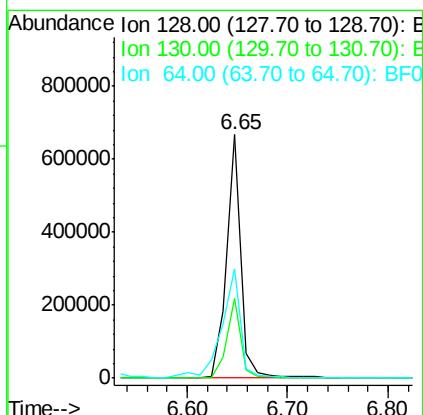
RT: 6.65 min Scan# 399

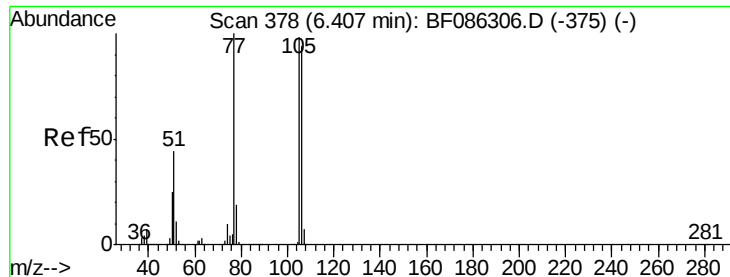
Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	128	Resp:	661575
Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.8	51.8
64	44.7	39.5	79.5





#9

Benzaldehyde

Concen: 38.94 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

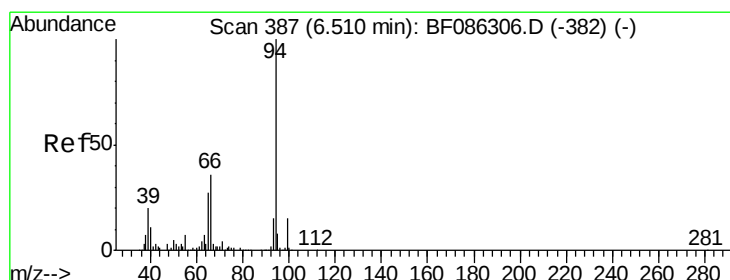
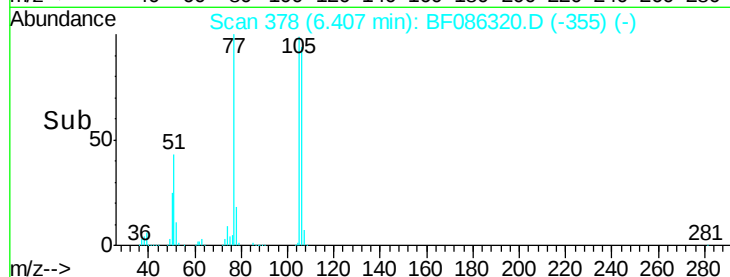
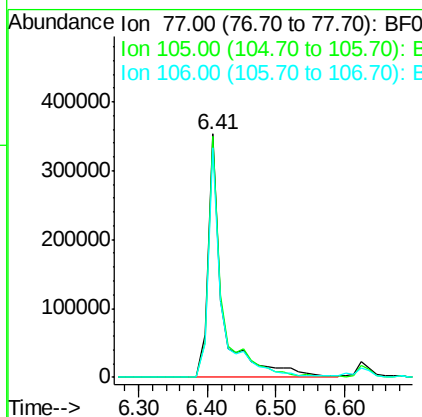
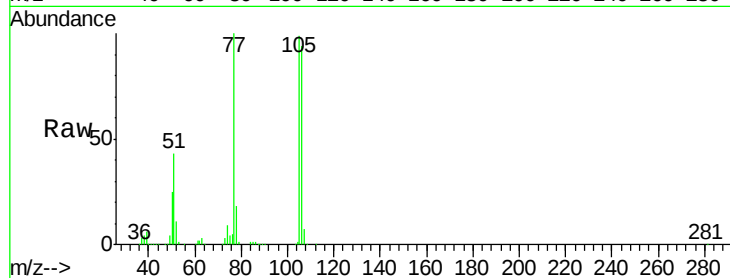
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	525808
Ion	Ratio	Lower	Upper
77	100		
105	98.8	84.6	124.6
106	94.2	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 38.45 ng

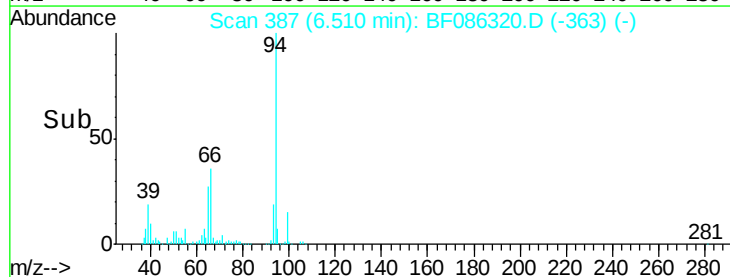
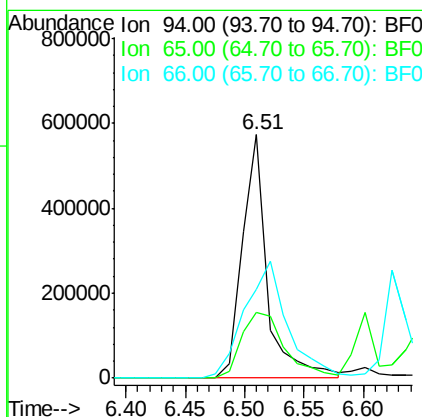
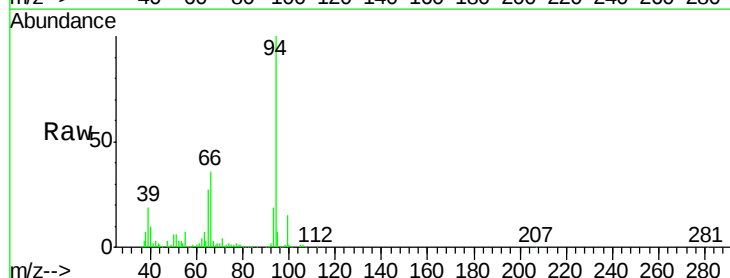
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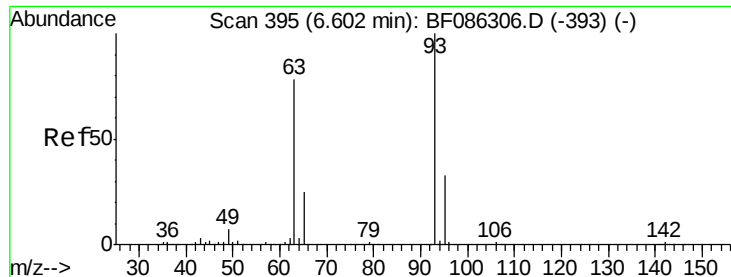
Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	94	Resp:	839496
Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	36.3	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 38.71 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

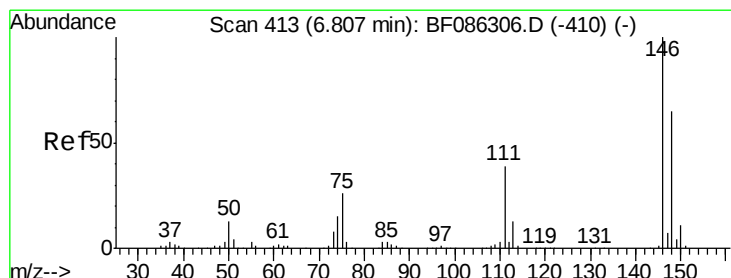
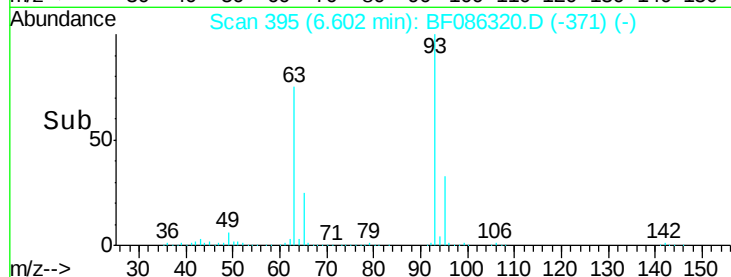
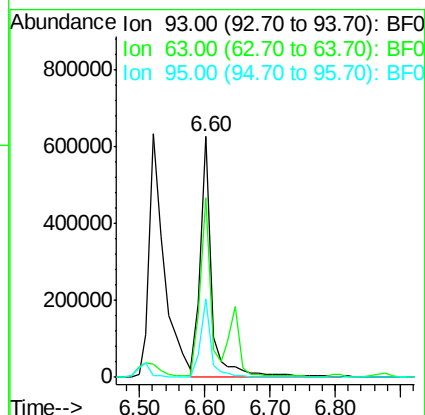
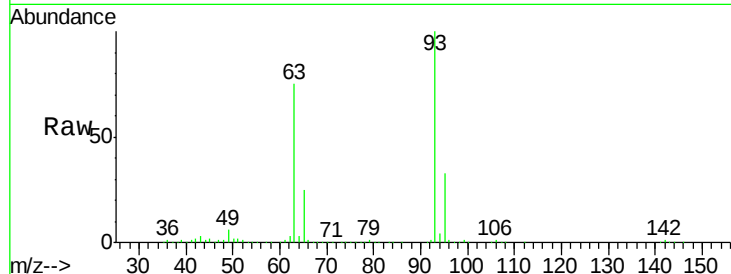
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	738242
Ion Ratio	Lower	Upper	
93	100		
63	74.7	44.4	84.4
95	32.5	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 38.35 ng m

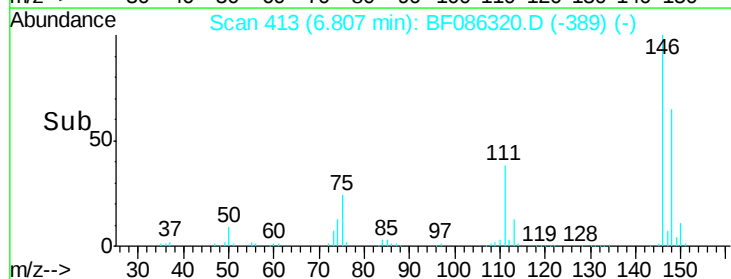
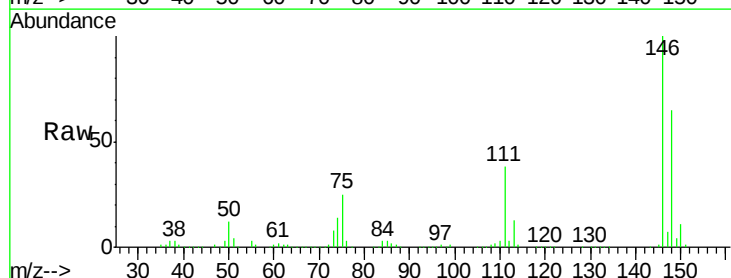
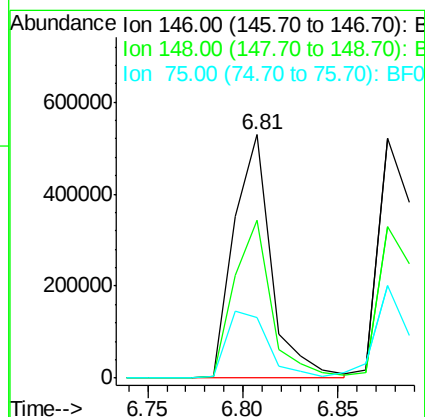
RT: 6.81 min Scan# 413

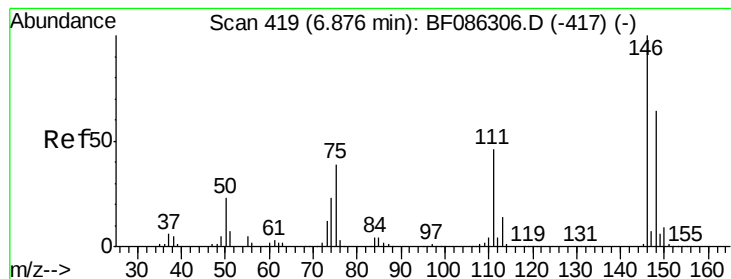
Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	146	Resp:	727704
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.4
75	24.9	29.9	44.9#





#13

1,4-Dichlorobenzene

Concen: 37.61 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

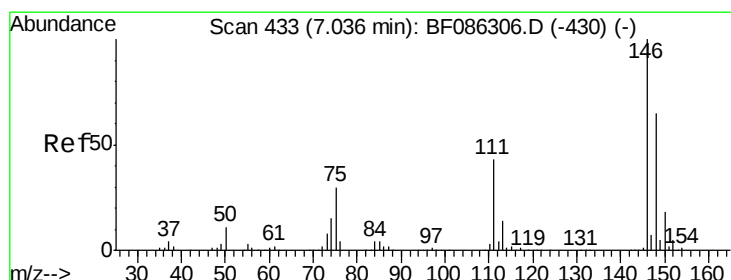
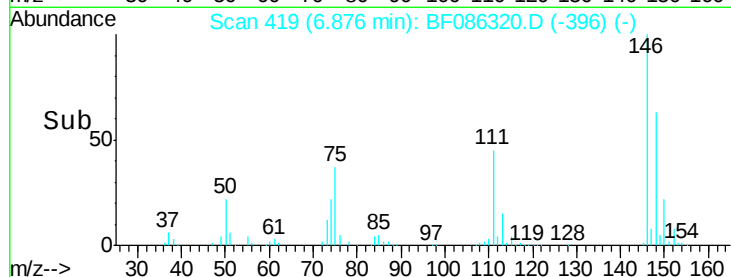
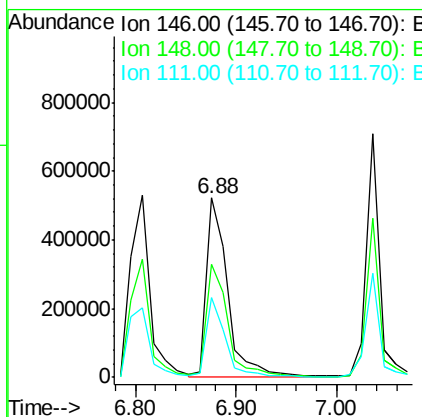
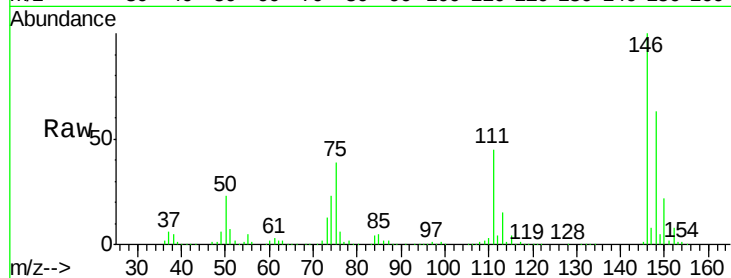
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	762431
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
111	44.8	34.9	52.3

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#14

1,2-Dichlorobenzene

Concen: 37.70 ng

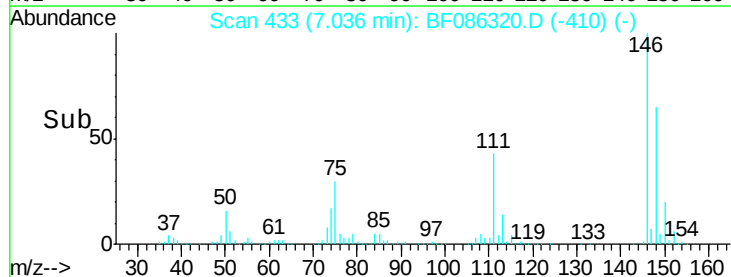
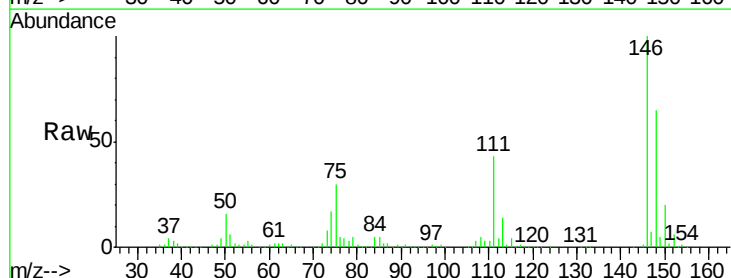
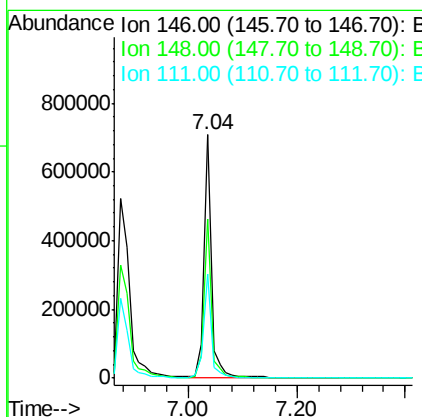
RT: 7.04 min Scan# 433

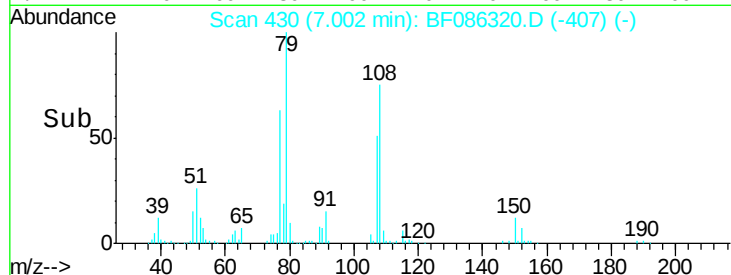
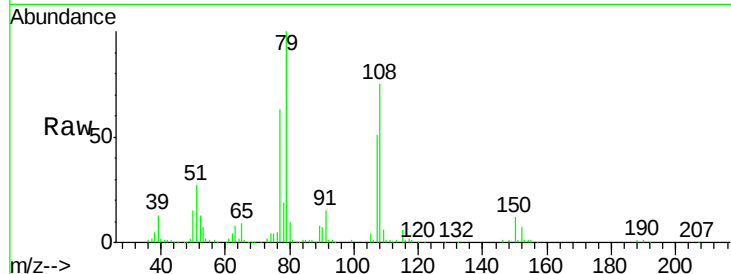
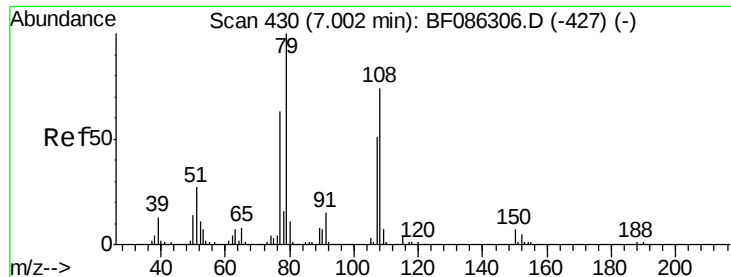
Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	146	Resp:	678127
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.2
111	42.6	31.0	46.4





#15

Benzyl Alcohol

Concen: 38.79 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tot Ion:	79	Resp:	459169
Ion Ratio	Lower	Upper	
79	100		
108	75.2	64.8	97.2
77	63.0	51.9	77.9

Instrument :

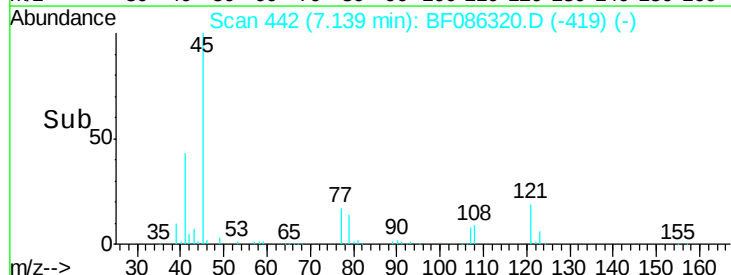
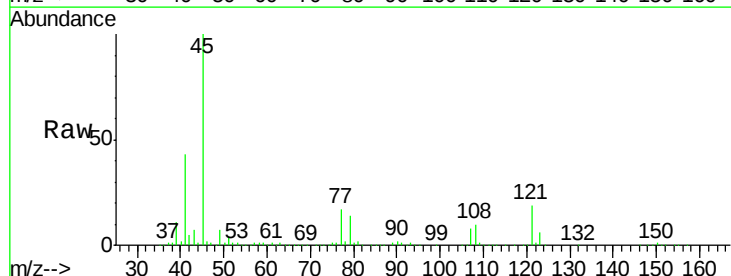
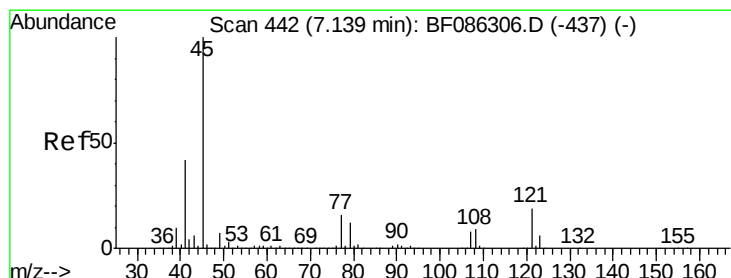
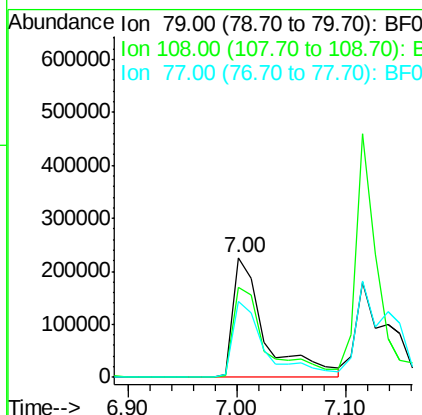
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.35 ng

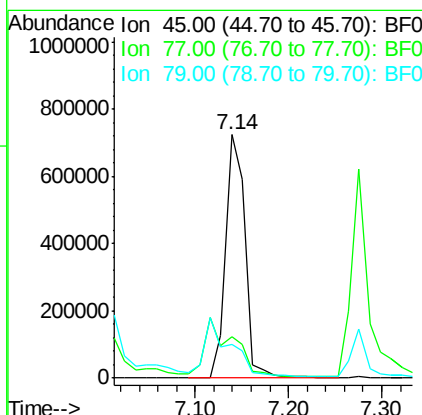
RT: 7.14 min Scan# 442

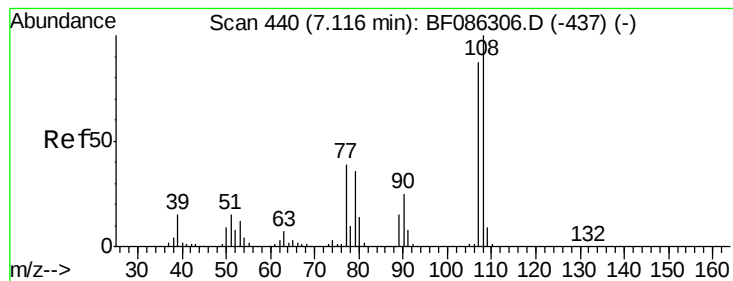
Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	45	Resp:	1056069
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	33.7
79	13.7	0.0	30.1





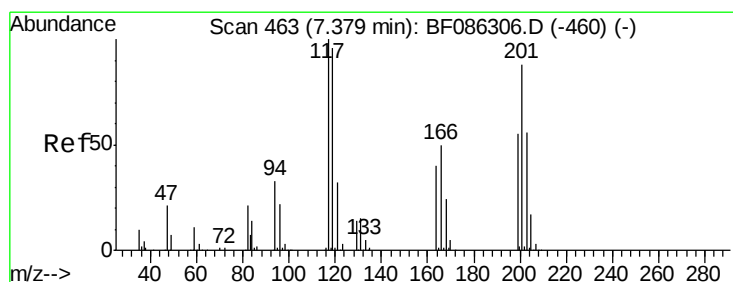
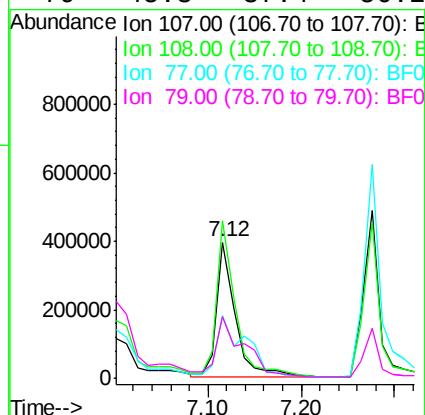
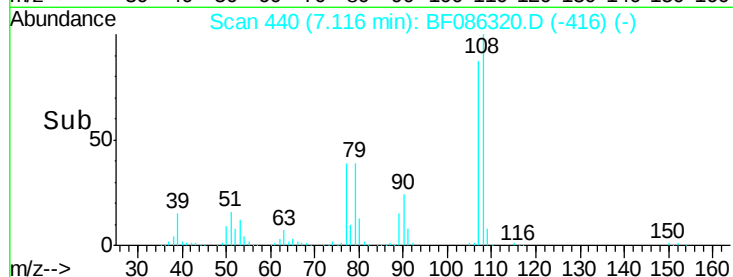
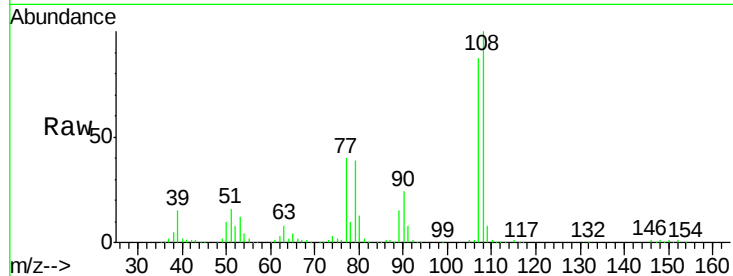
#17
2-Methylphenol
Concen: 38.36 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	554416
Ion Ratio	Lower	Upper	
107	100		
108	115.4	92.7	139.1
77	45.7	39.6	59.4
79	45.3	37.4	56.2

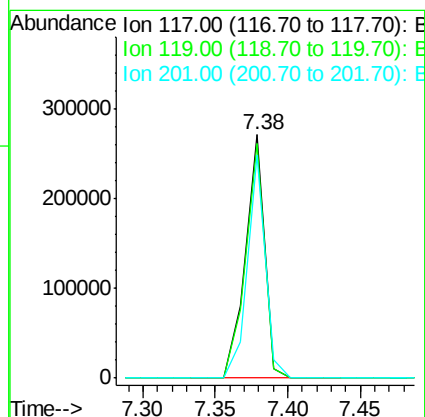
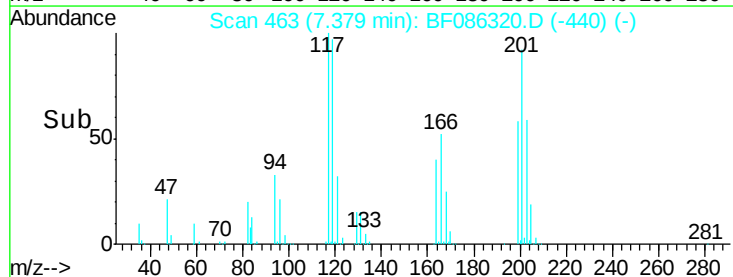
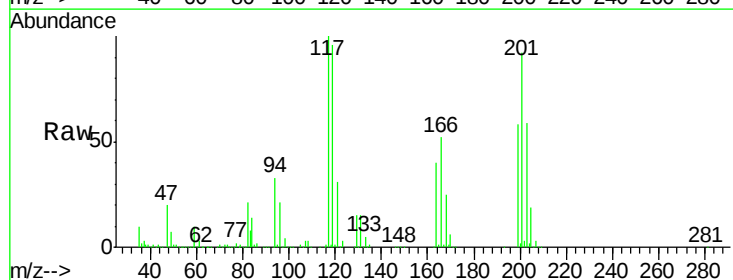
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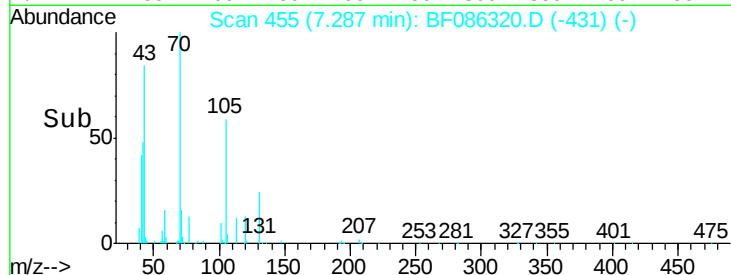
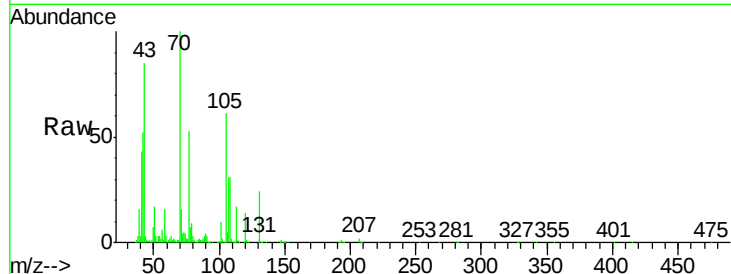
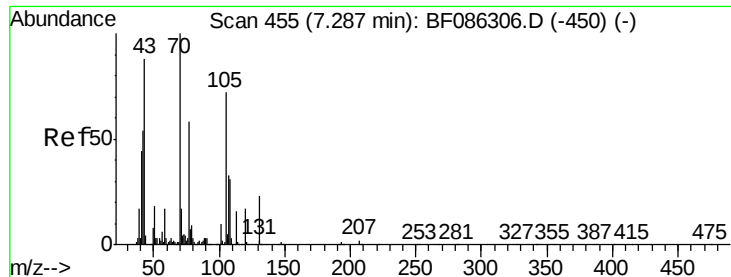
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#18
Hexachloroethane
Concen: 41.40 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:	117	Resp:	250159
Ion Ratio	Lower	Upper	
117	100		
119	96.2	78.2	117.4
201	91.6	75.7	113.5





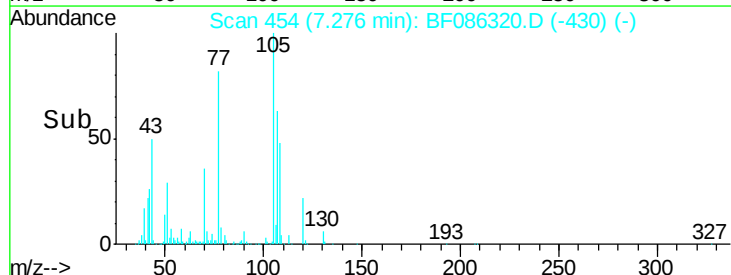
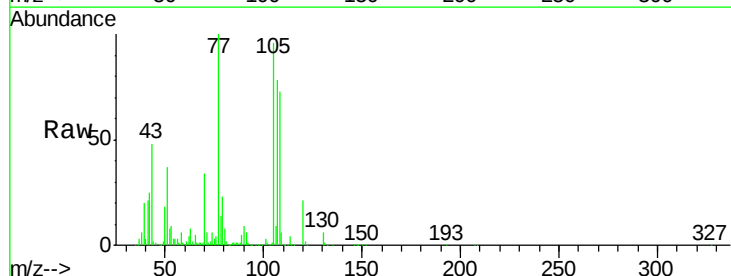
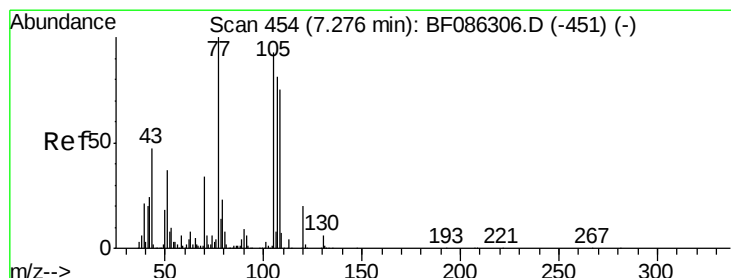
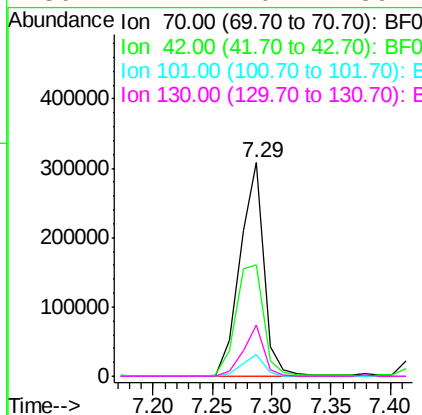
#19
n-Nitroso-di-n-propylamine
Concen: 37.81 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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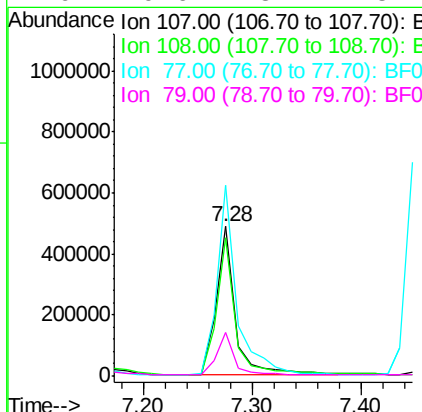
sohil
4/21/2016 7:10:22 PM

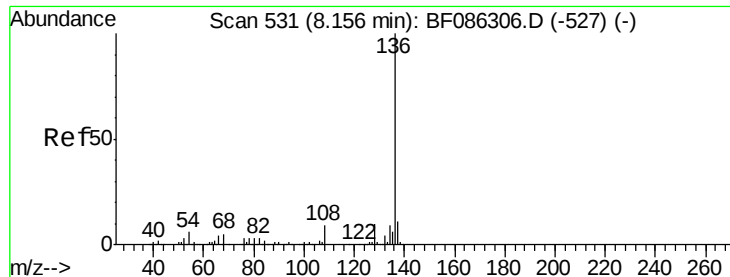
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.0	43.0	64.4		
101	10.3	8.1	12.1		
130	24.1	20.1	30.1		



#20
3+4-Methylphenols
Concen: 37.99 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.1	69.7	109.7		
77	127.6	60.5	100.5#		
79	29.6	8.1	48.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1026015

Ion Ratio Lower Upper

136 100

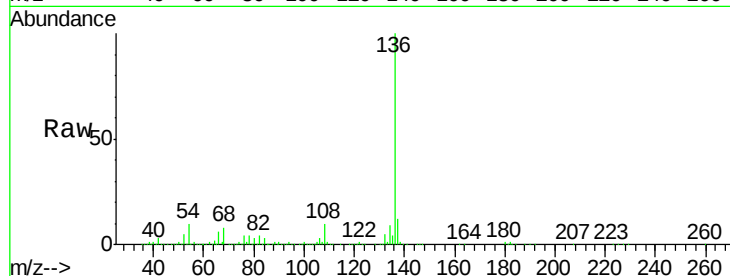
137 11.5 9.1 13.7

54 9.9 7.3 10.9

68 8.0 5.7 8.5

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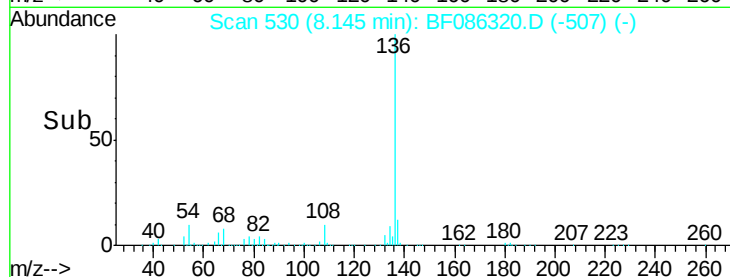


Abundance Ion 136.00 (135.70 to 136.70): E

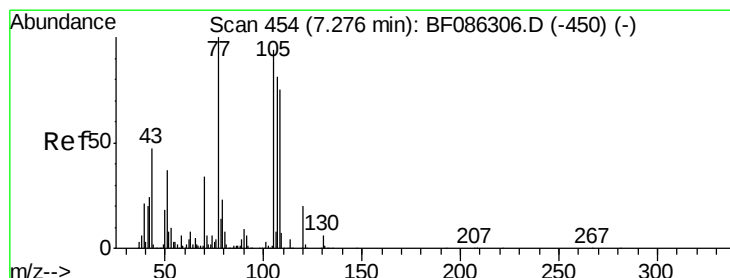
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30 8.40



#22

Acetophenone

Concen: 37.60 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:105 Resp: 810479

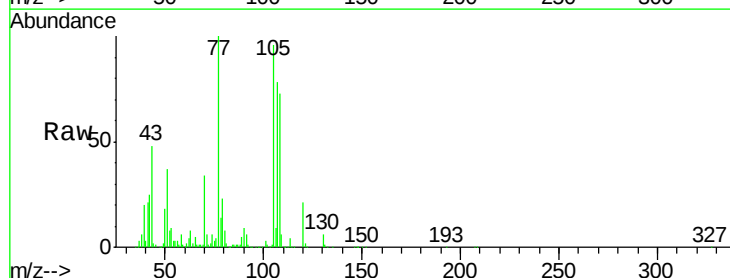
Ion Ratio Lower Upper

105 100

71 6.0 4.0 6.0#

51 38.3 22.0 33.0#

120 22.1 17.5 26.3

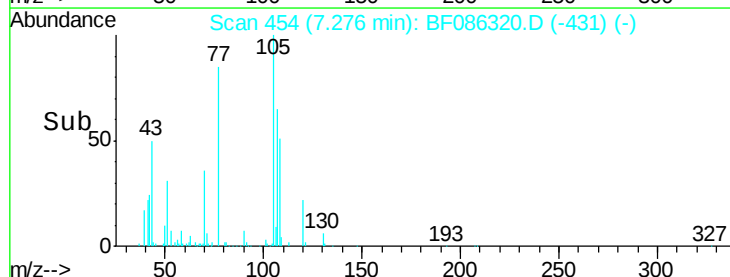


Abundance Ion 105.00 (104.70 to 105.70): E

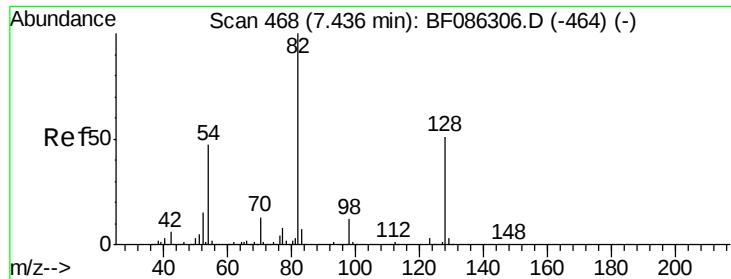
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.20 7.30 7.40



#23

Nitrobenzene-d5

Concen: 75.66 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1355375

Ion Ratio Lower Upper

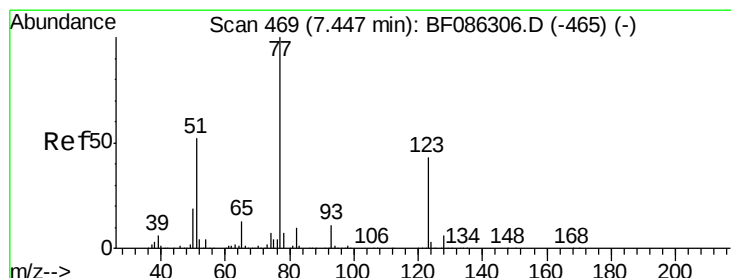
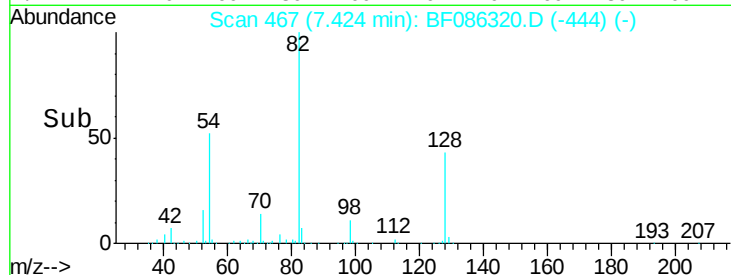
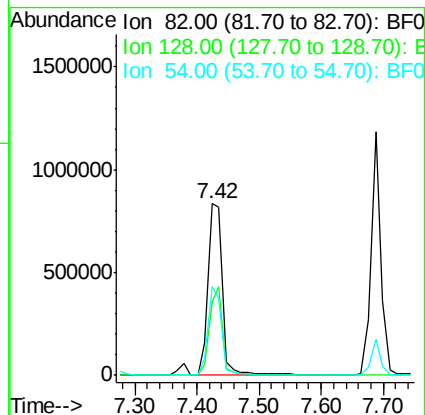
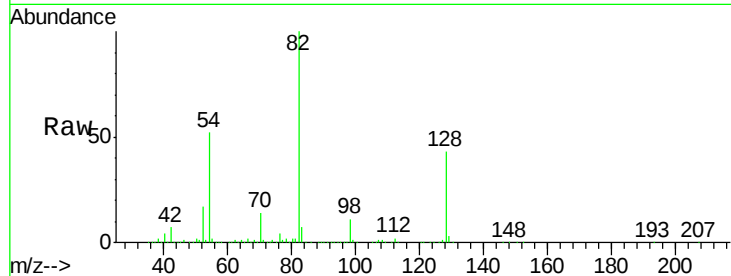
82 100

128 42.7 35.4 53.2

54 51.7 43.4 65.0

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#24

Nitrobenzene

Concen: 38.55 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

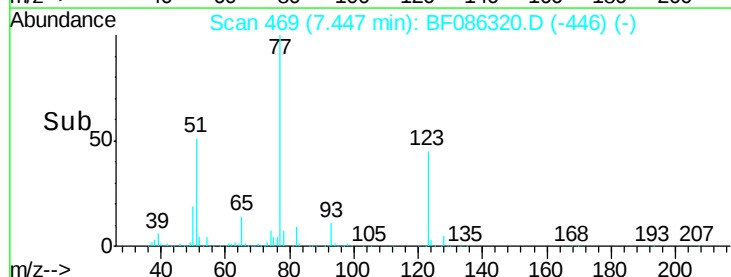
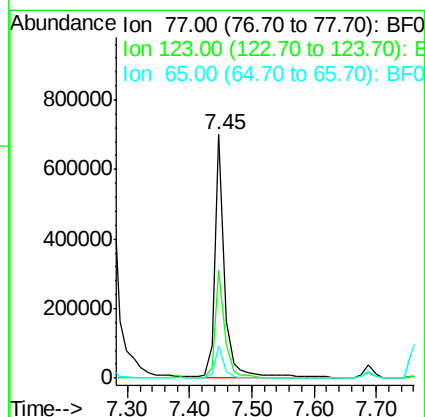
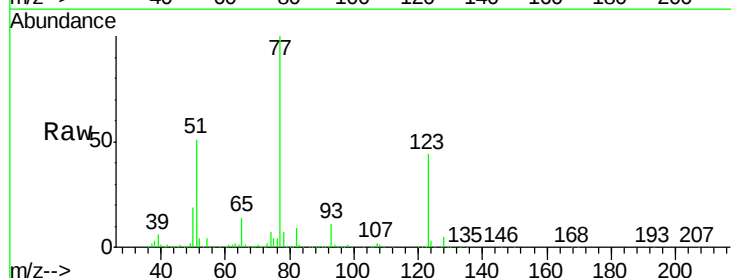
Tgt Ion: 77 Resp: 738801

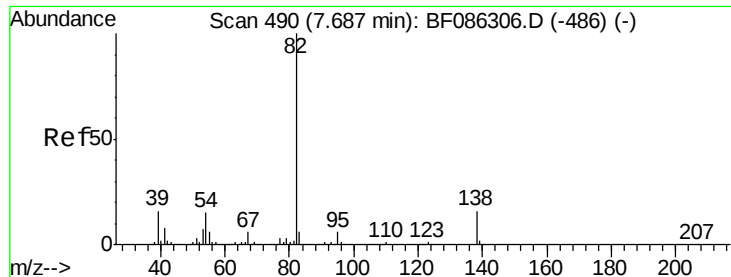
Ion Ratio Lower Upper

77 100

123 44.2 38.3 57.5

65 13.5 11.3 16.9





#25

Isophorone

Concen: 37.57 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1275189

Ion Ratio Lower Upper

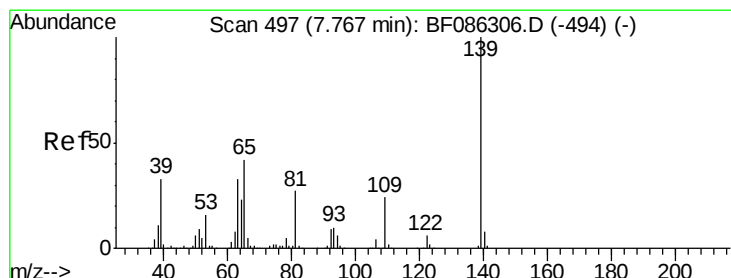
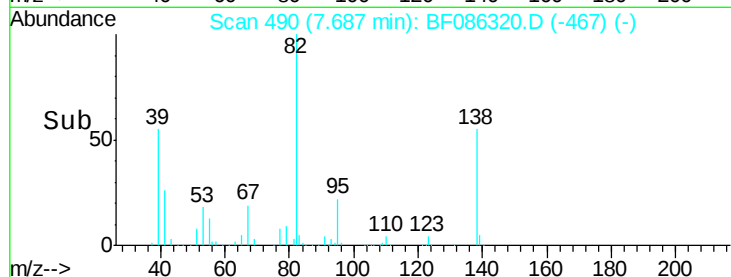
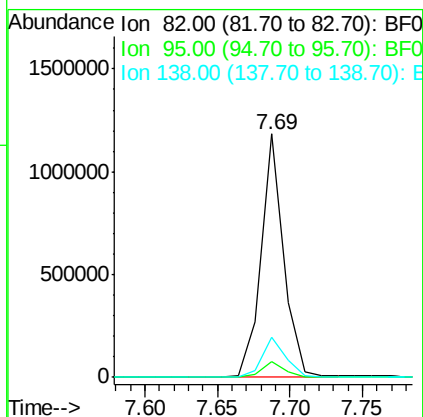
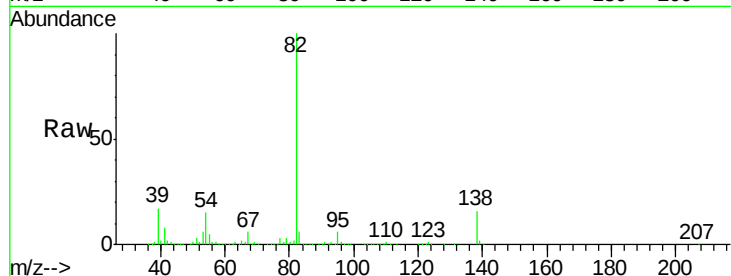
82 100

95 6.4 5.4 8.2

138 16.3 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.75 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

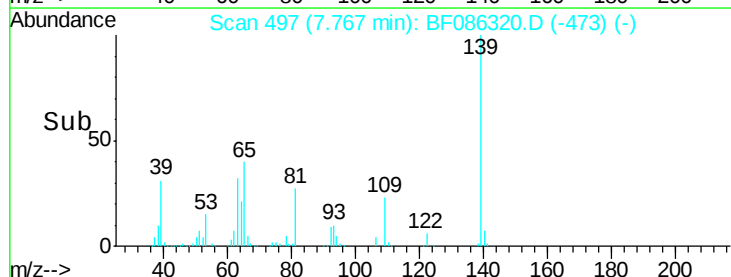
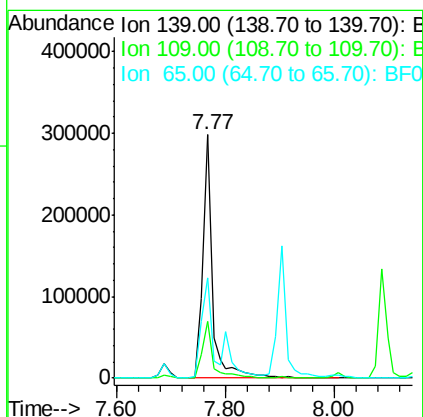
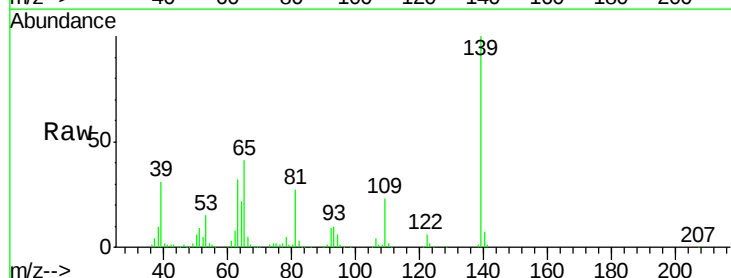
Tgt Ion: 139 Resp: 366483

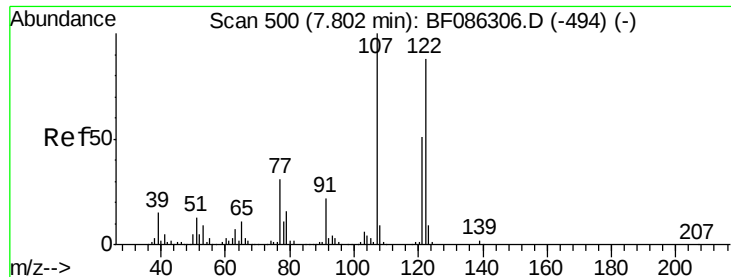
Ion Ratio Lower Upper

139 100

109 23.2 25.8 38.8#

65 40.9 50.2 75.2#





#27

2,4-Dimethylphenol

Concen: 37.20 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

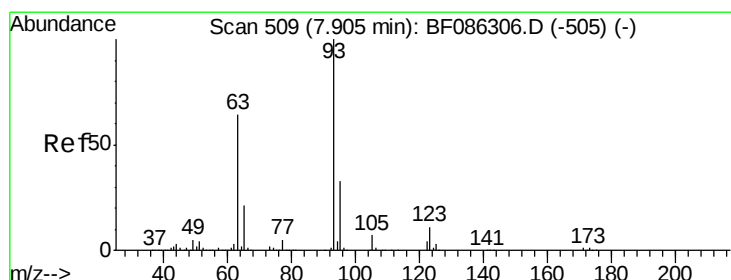
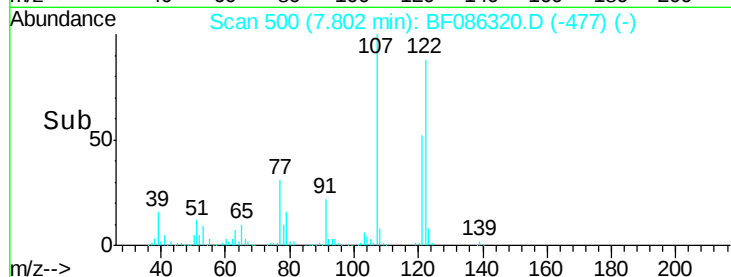
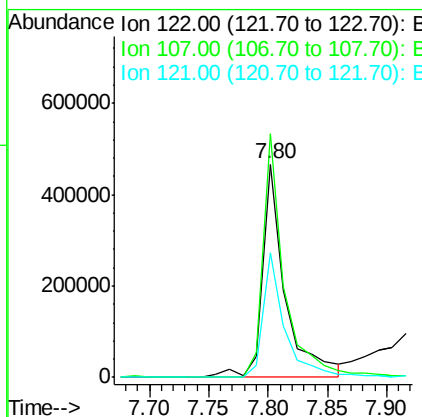
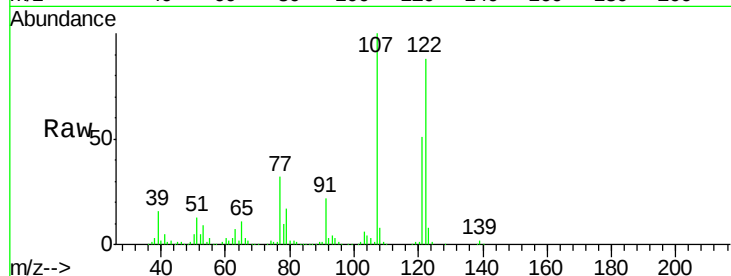
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	625439
Ion	Ratio	Lower	Upper
122	100		
107	114.1	85.8	128.6
121	58.6	47.1	70.7

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.62 ng

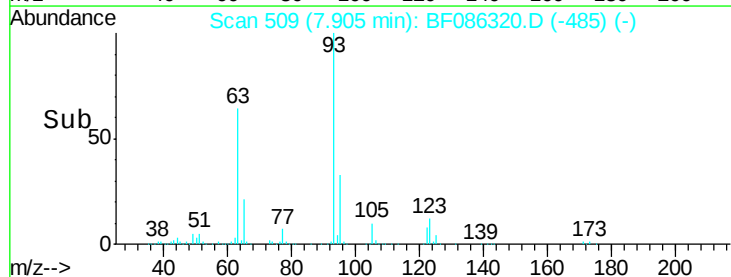
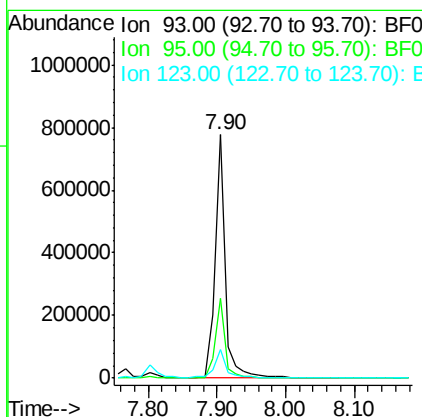
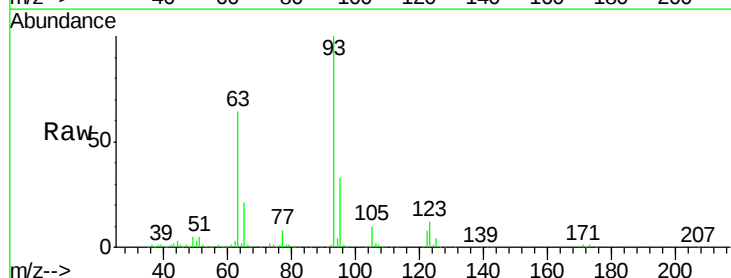
RT: 7.90 min Scan# 509

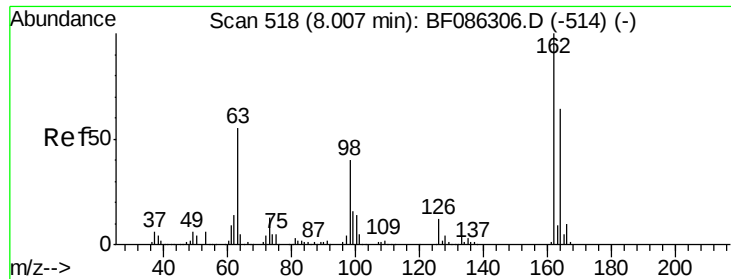
Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	93	Resp:	806367
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	11.7	8.9	13.3





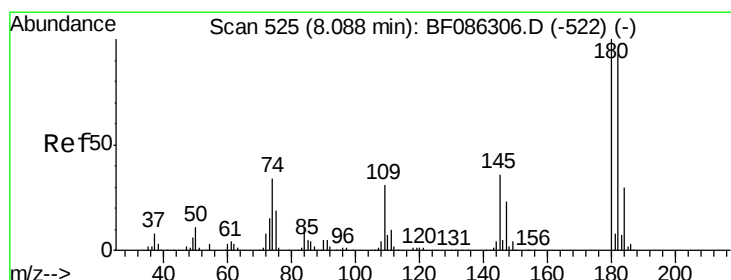
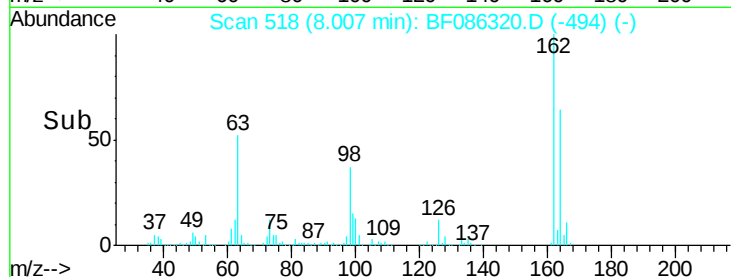
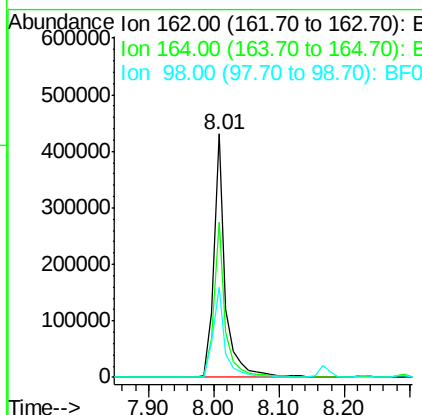
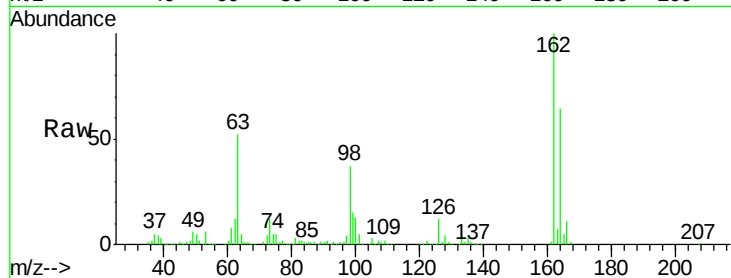
#29
 2,4-Dichlorophenol
 Concen: 40.92 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	542537
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.3	83.3
98	37.0	22.9	62.9

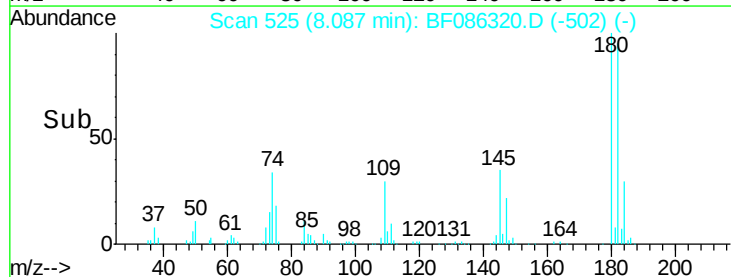
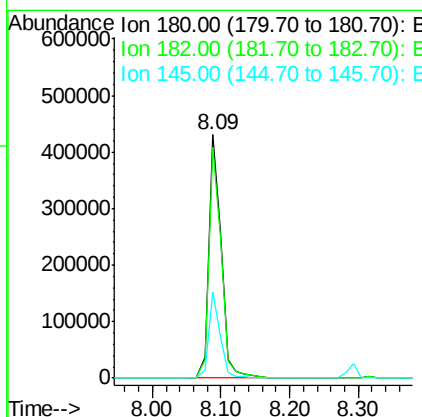
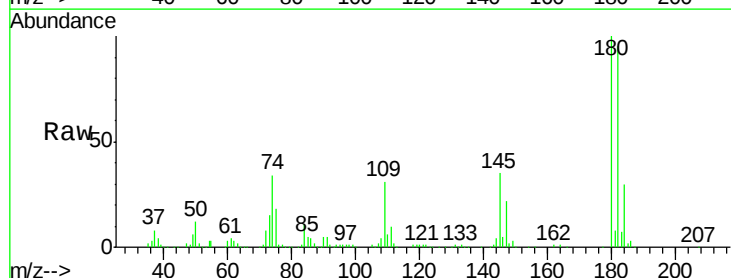
Manual Integrations
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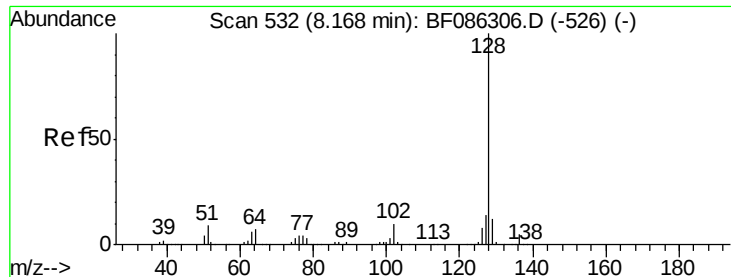
sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.09 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:	180	Resp:	544790
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.3	114.5
145	35.3	27.4	41.2





#31

Naphthalene

Concen: 39.28 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1921010

Ion Ratio Lower Upper

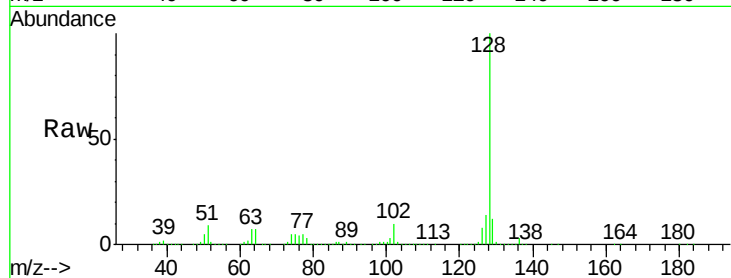
128 100

129 11.8 9.6 14.4

127 13.7 11.4 17.2

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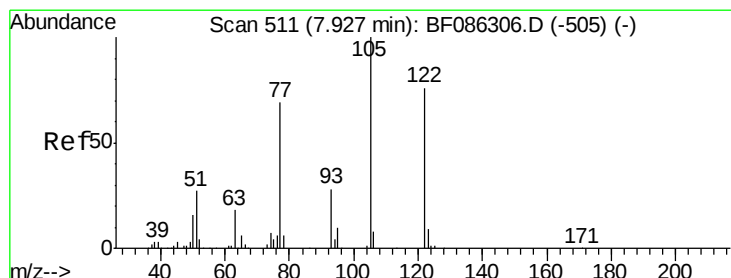
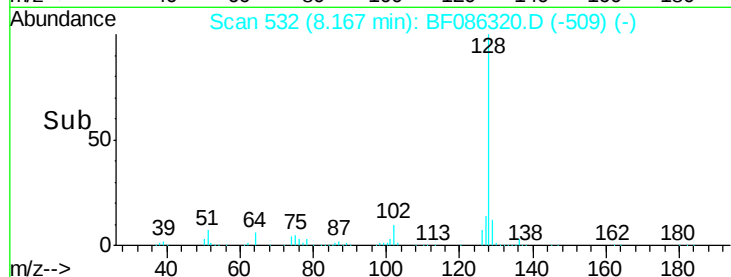
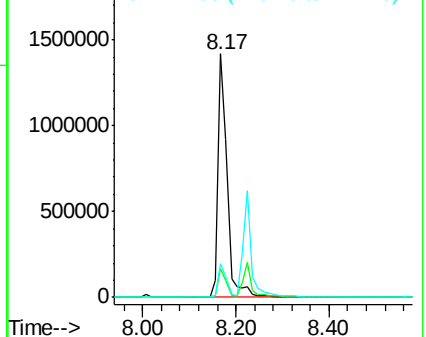
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.56 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

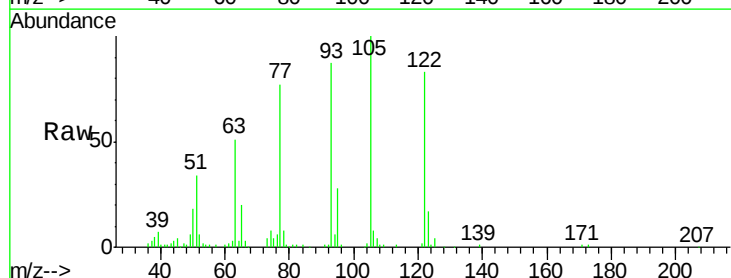
Tgt Ion:122 Resp: 375321

Ion Ratio Lower Upper

122 100

105 119.9 103.7 143.7

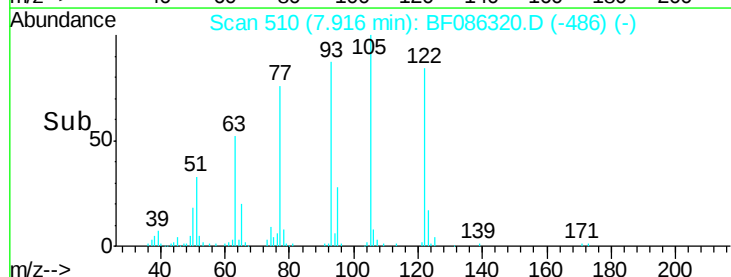
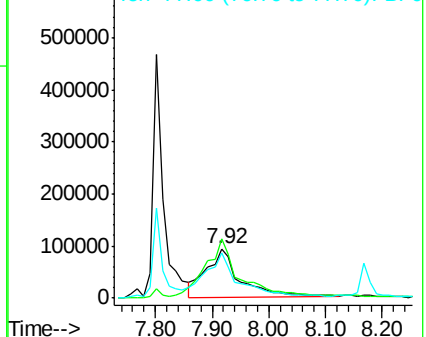
77 92.5 74.9 114.9

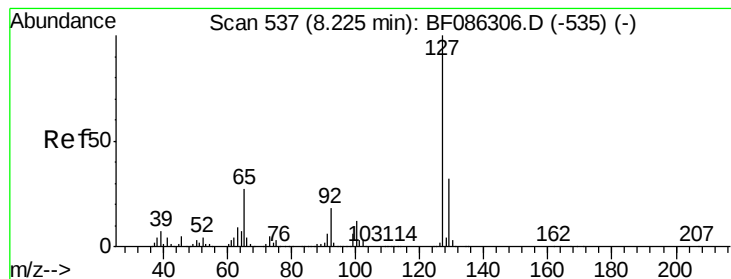


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





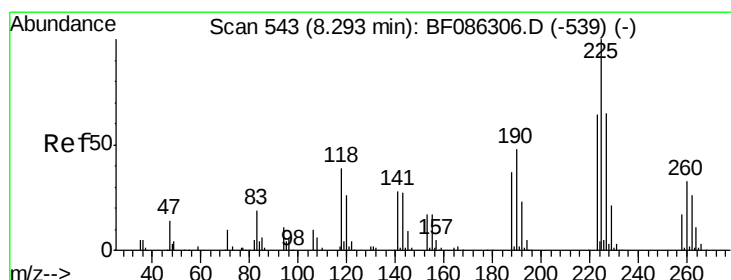
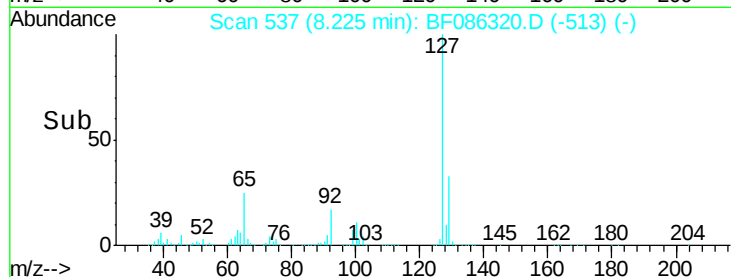
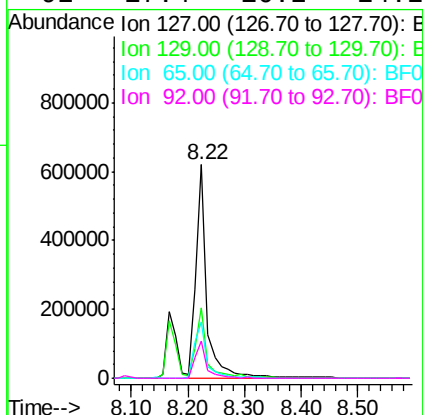
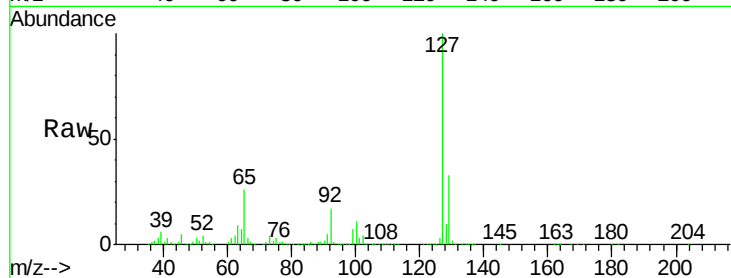
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.8	40.2		
65	26.1	27.1	40.7		
92	17.4	16.2	24.2		

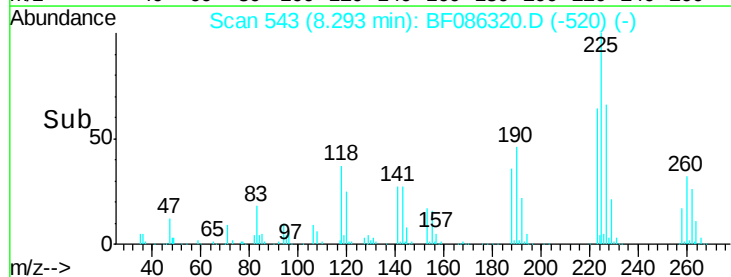
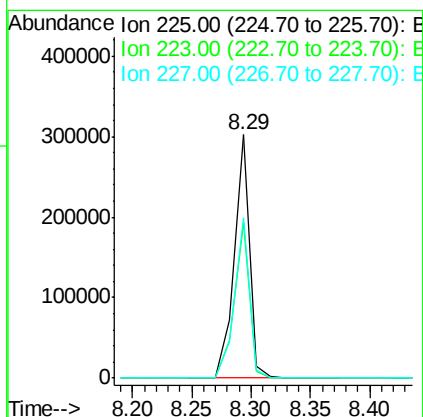
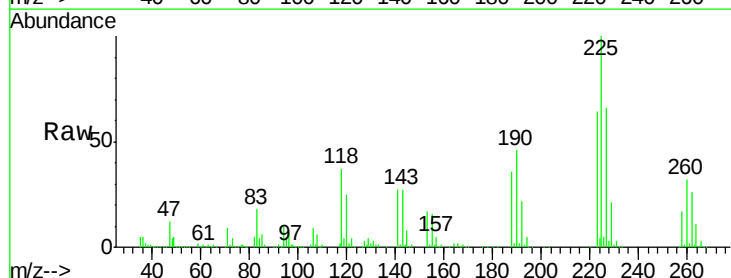
Manual Integrations
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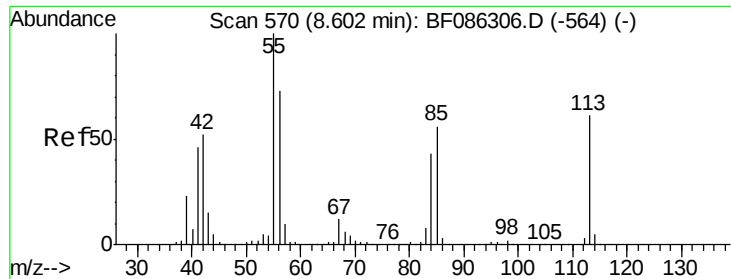
sohil
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#34
Hexachlorobutadiene
Concen: 37.61 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	49.4	74.0		
227	65.7	51.1	76.7		





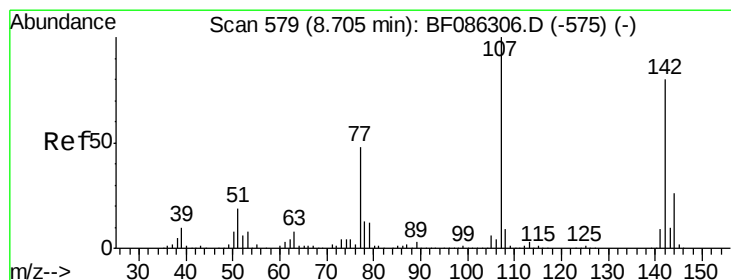
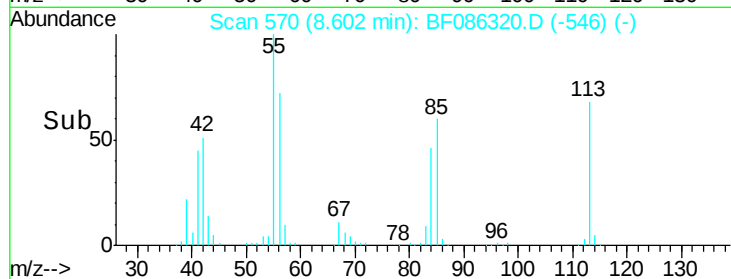
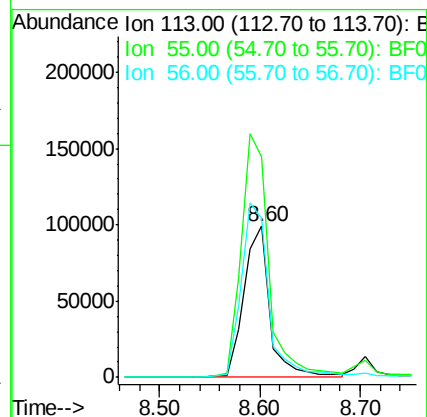
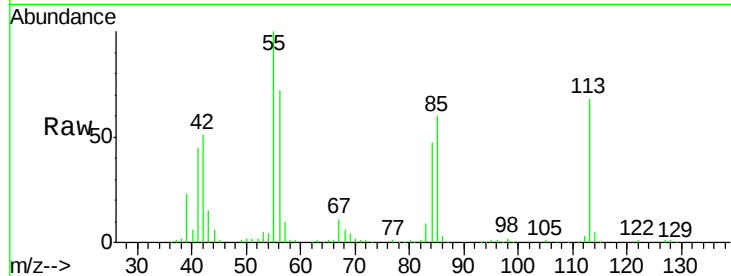
#35
Caprolactam
Concen: 41.57 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	146.1		117.5	157.5	
56	105.6		82.5	122.5	

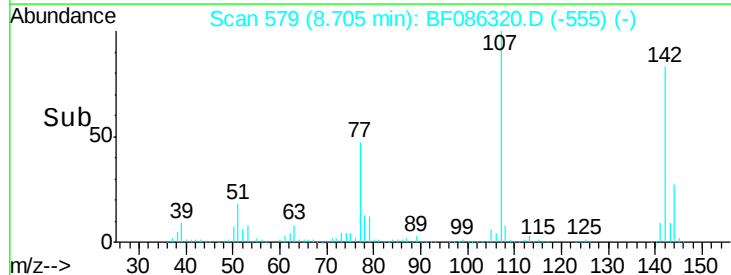
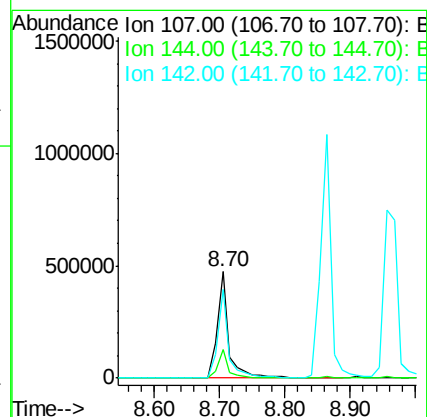
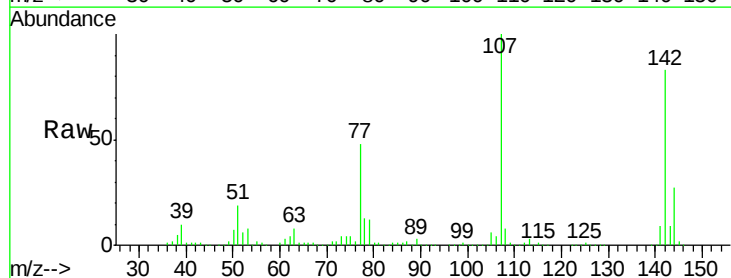
Manual Integrations
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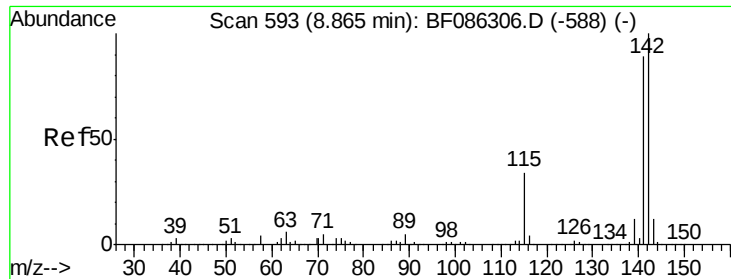
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#36
4-Chloro-3-methylphenol
Concen: 40.32 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.7		20.7	31.1	
142	82.8		64.5	96.7	





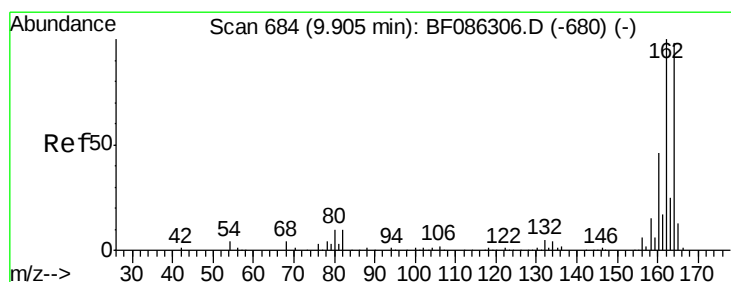
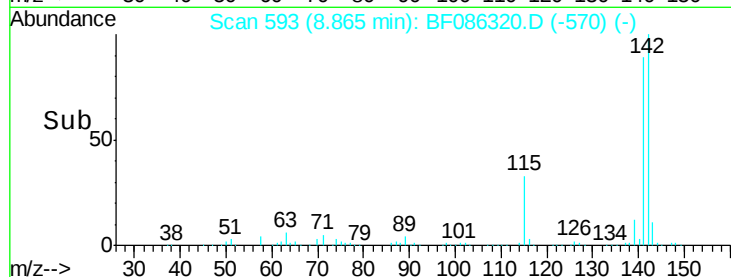
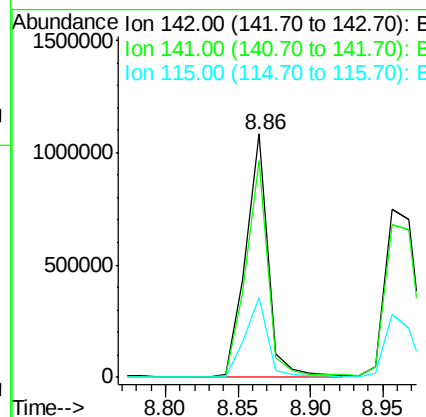
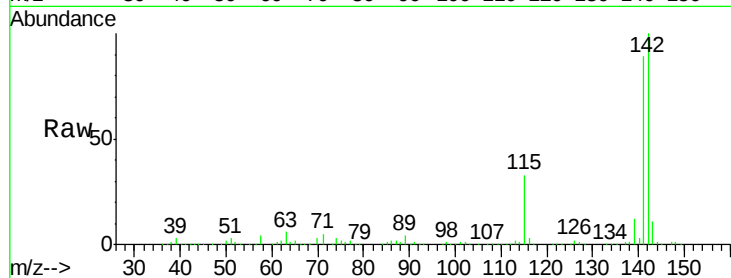
#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.1	106.7
115	32.8	25.1	37.7

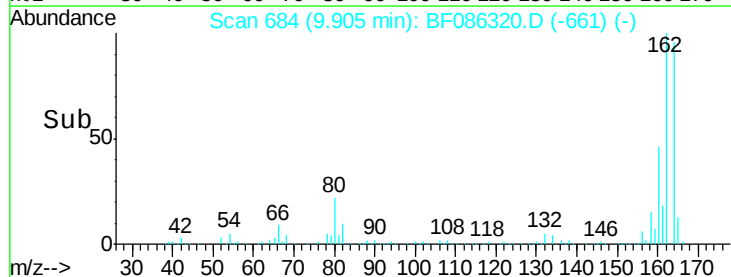
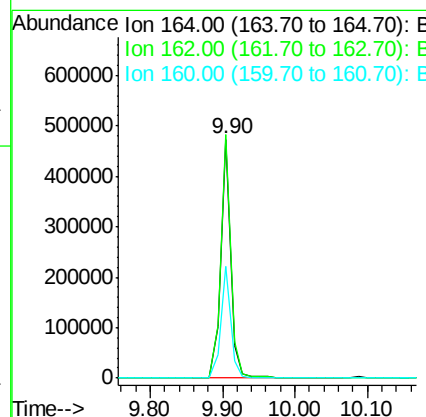
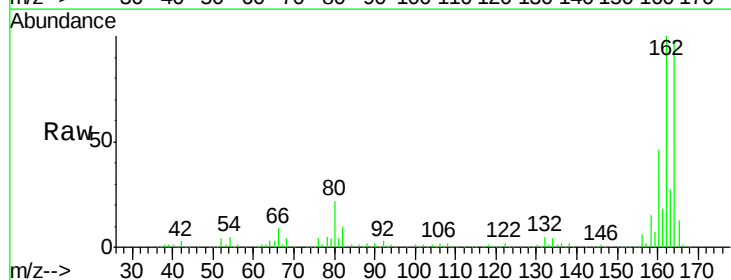
Manual Integrations
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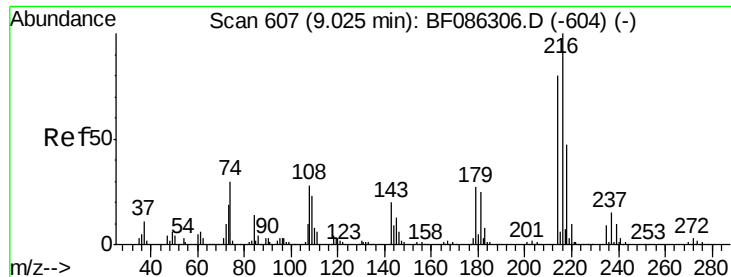
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.7	38.9	58.3





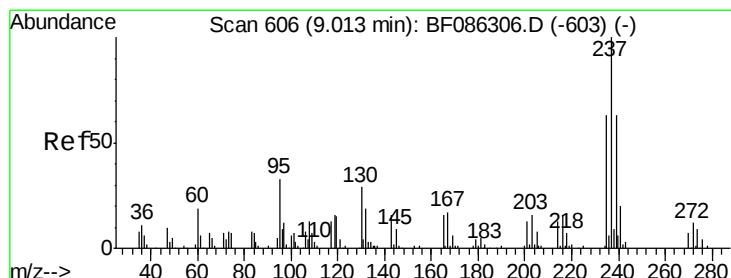
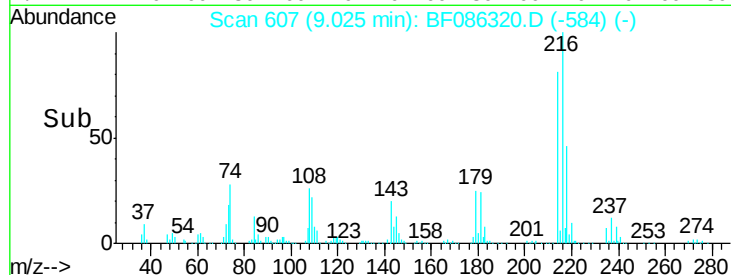
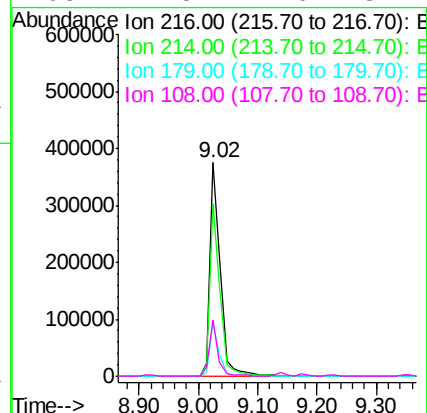
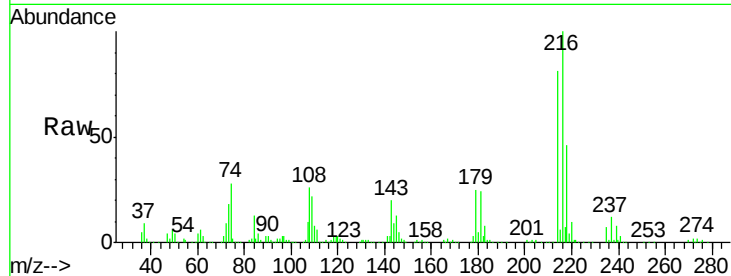
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.61 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		469173		
214	78.6		64.9	97.3	
179	22.7		19.8	29.6	
108	22.3		21.0	31.4	

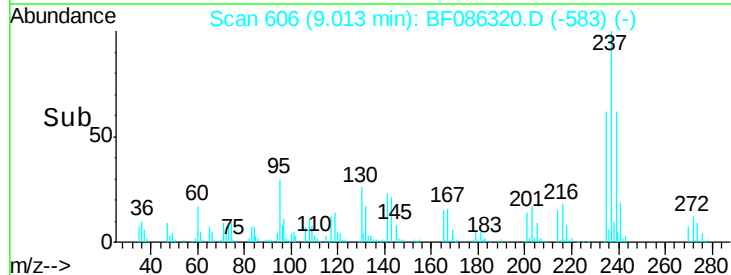
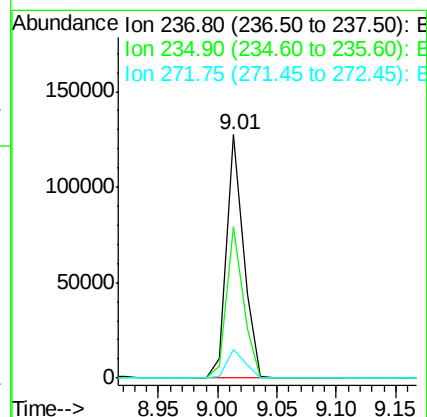
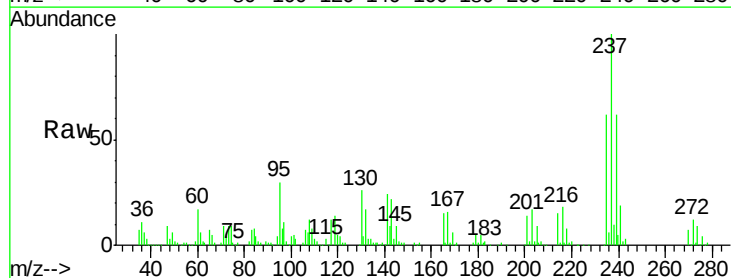
Manual Integrations
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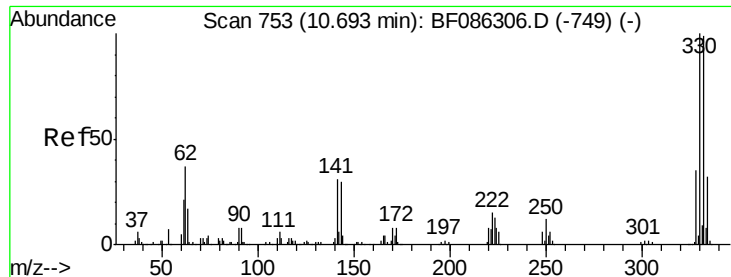
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#40
 Hexachlorocyclopentadiene
 Concen: 43.26 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		126409		
235	62.1		44.0	84.0	
272	11.7		0.0	32.4	





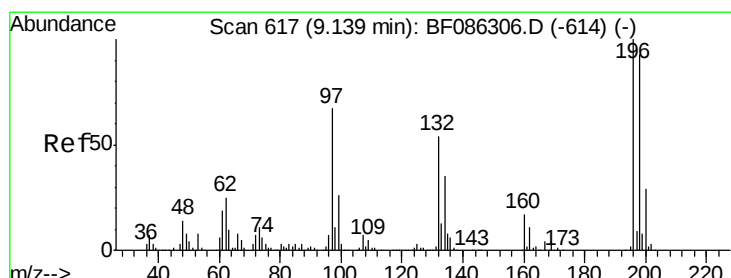
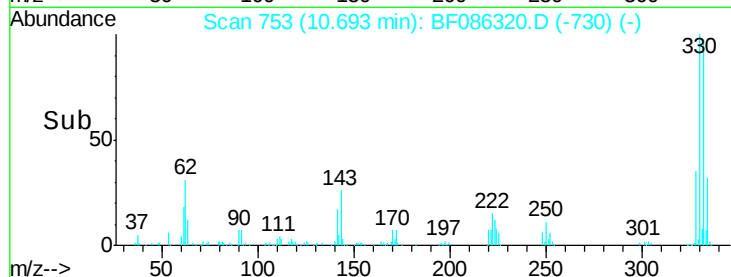
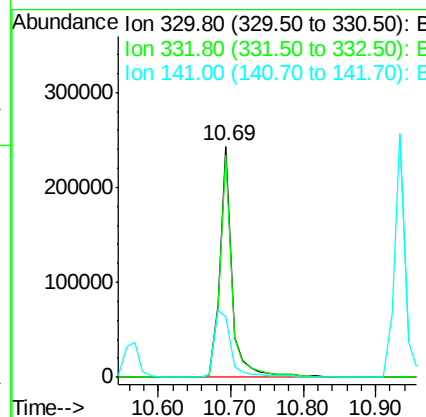
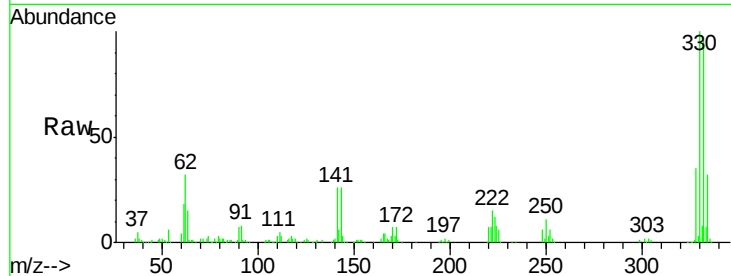
#41
 2,4,6-Tribromophenol
 Concen: 80.66 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286986		
332	96.4		78.7	118.1
141	39.7		28.6	42.8

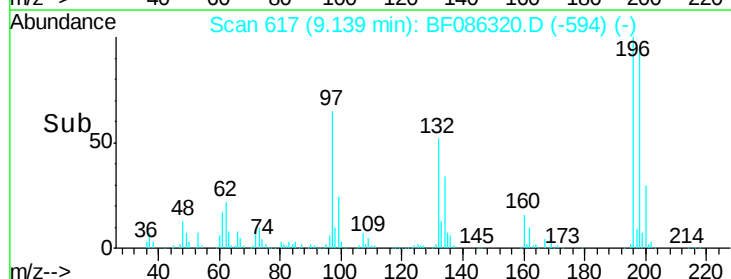
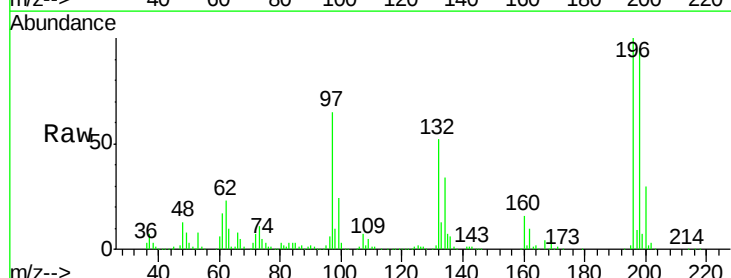
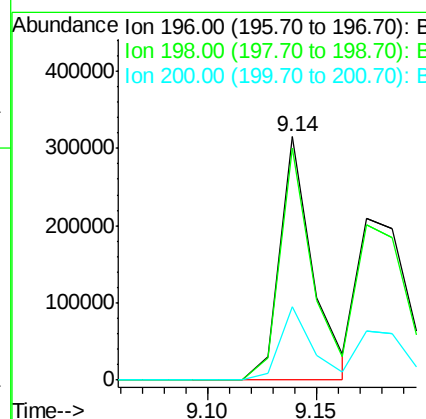
Manual Integrations
 APPROVED

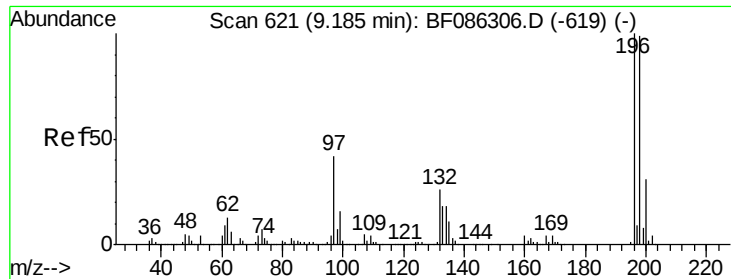
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#42
 2,4,6-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	334119		
198	95.3		76.6	115.0
200	30.2		25.3	37.9





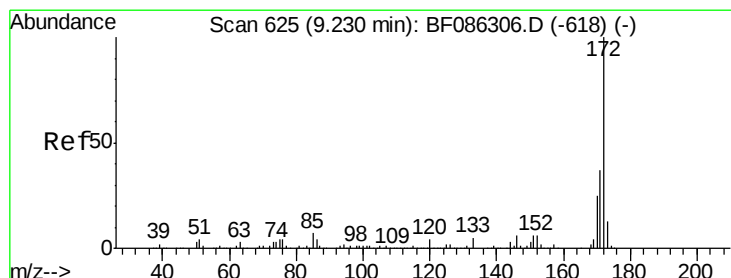
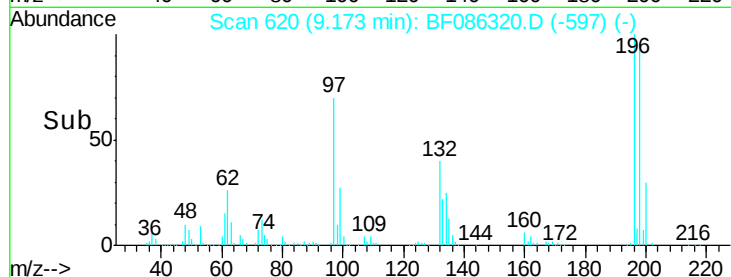
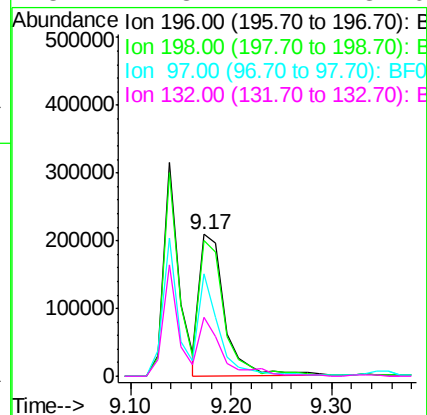
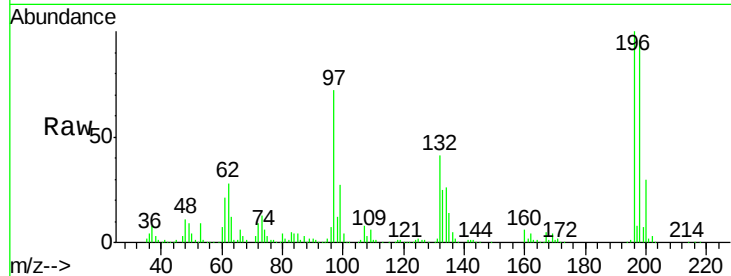
#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	361541		
198	95.7	77.7	116.5	
97	71.8	32.6	48.8#	
132	41.3	21.4	32.0#	

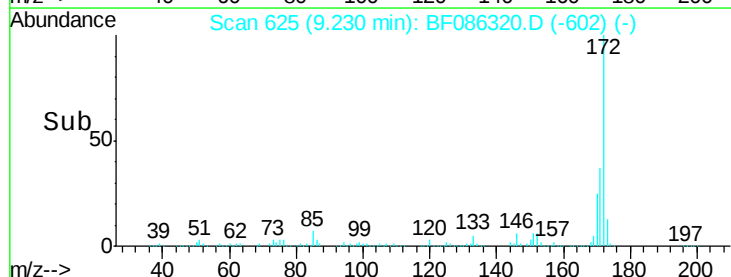
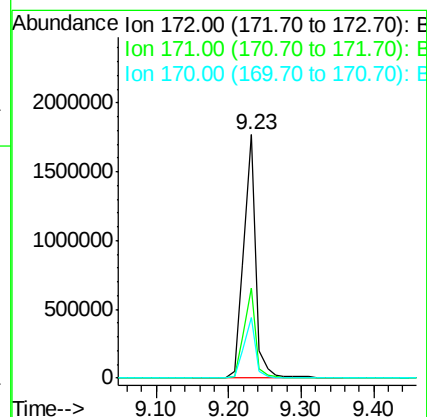
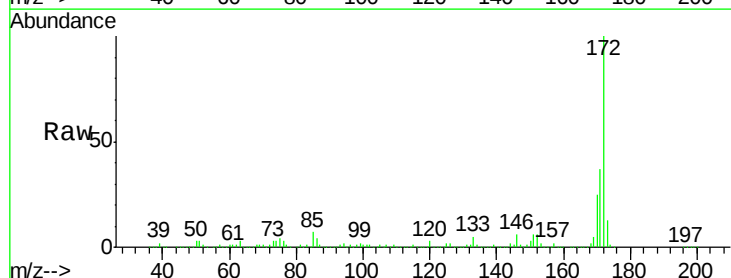
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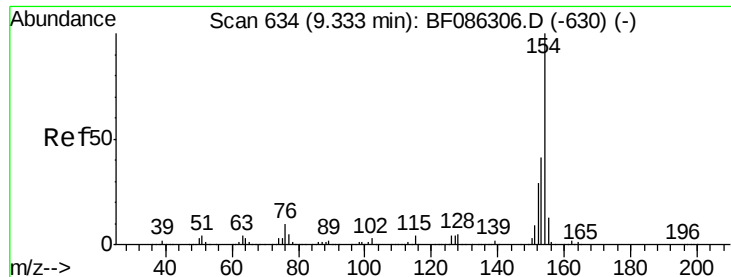
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#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2047770		
171	36.8	29.1	43.7	
170	24.8	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 38.47 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1379202

Ion Ratio Lower Upper

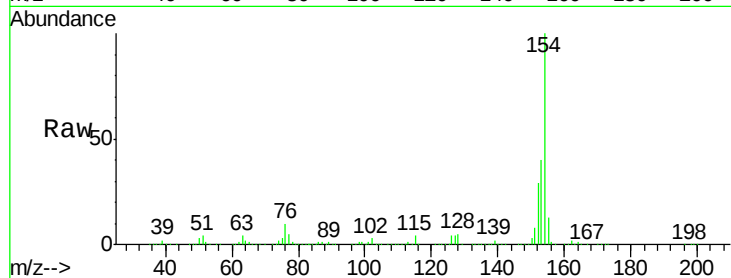
154 100

153 40.4 21.3 61.3

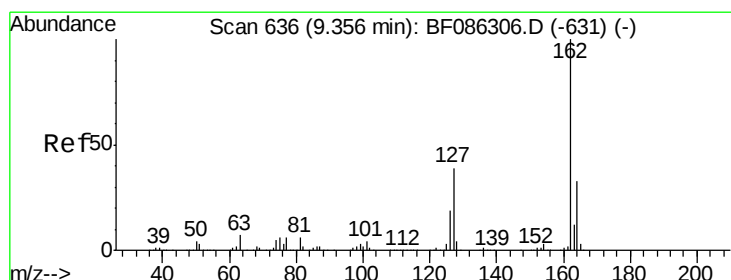
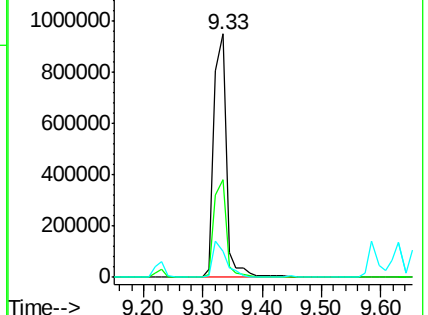
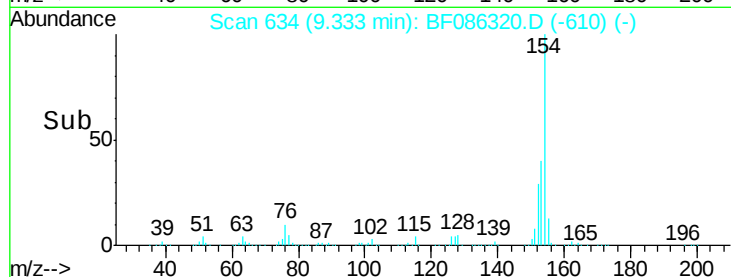
76 10.4 0.0 36.4

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



#46

2-Chloronaphthalene

Concen: 41.00 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

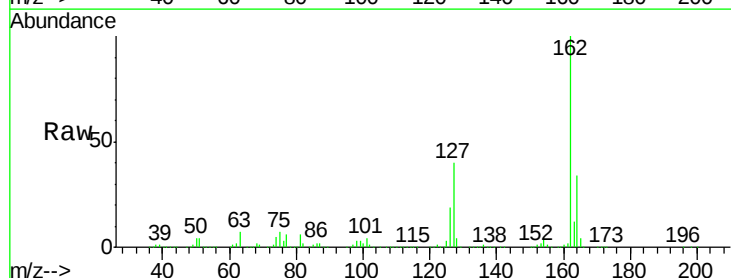
Tgt Ion:162 Resp: 1113828

Ion Ratio Lower Upper

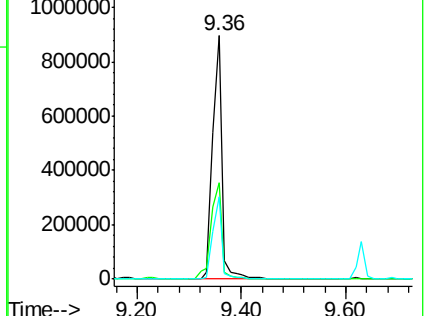
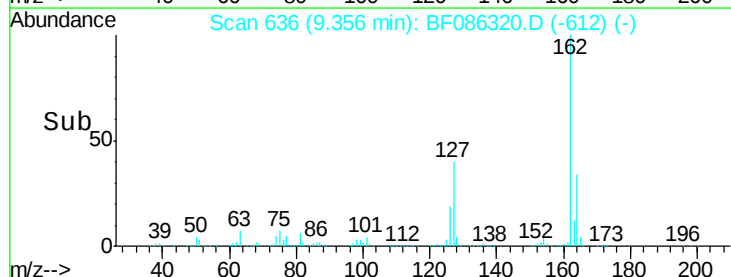
162 100

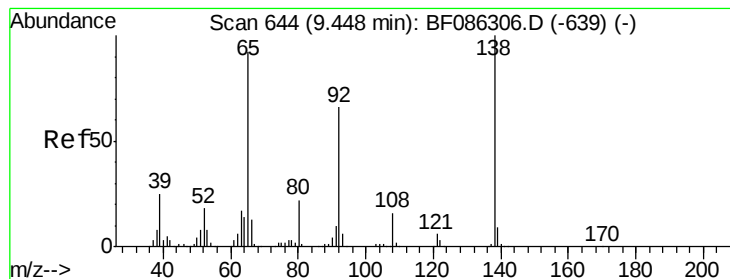
127 39.8 36.7 55.1

164 33.9 26.4 39.6



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





#47

2-Nitroaniline

Concen: 40.00 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 369274

Ion Ratio Lower Upper

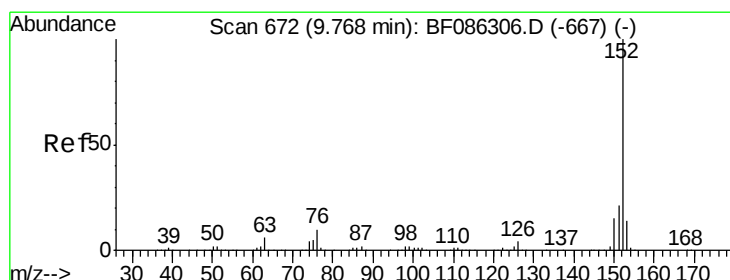
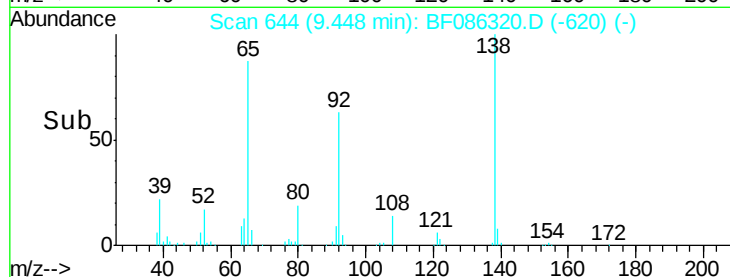
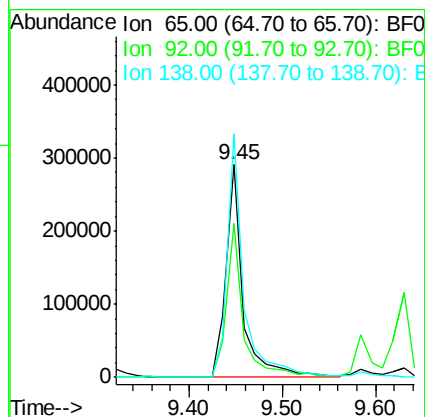
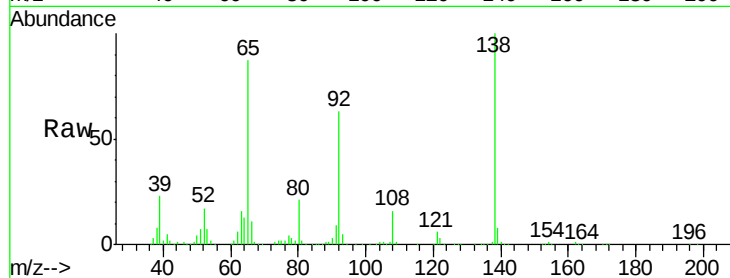
65 100

92 72.2 51.9 77.9

138 114.6 72.6 108.8#

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#48

Acenaphthylene

Concen: 41.27 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

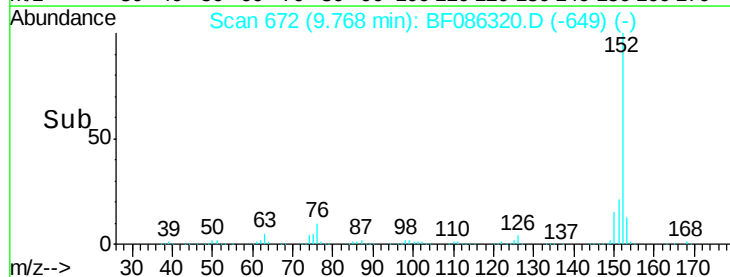
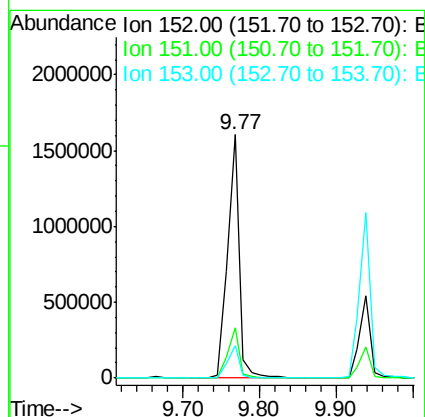
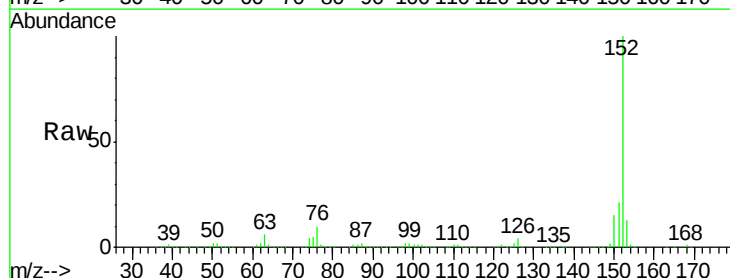
Tgt Ion: 152 Resp: 1750684

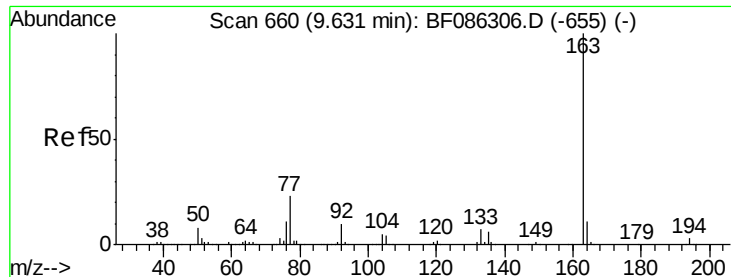
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.3 10.7 16.1





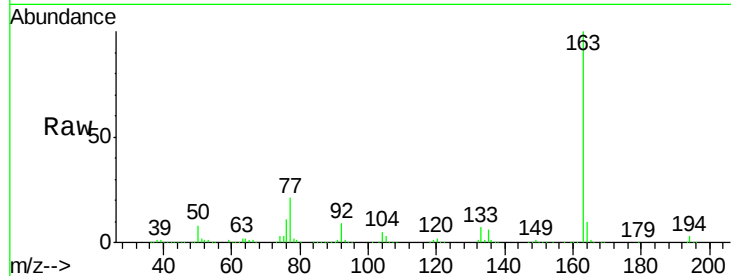
#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

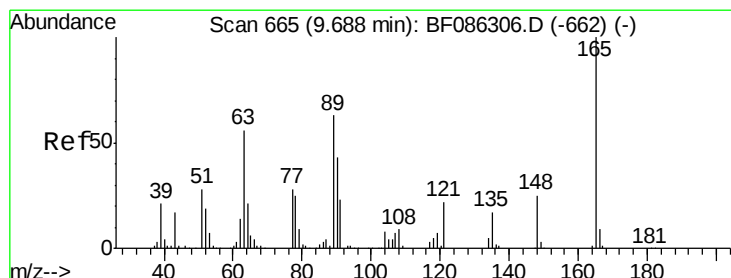
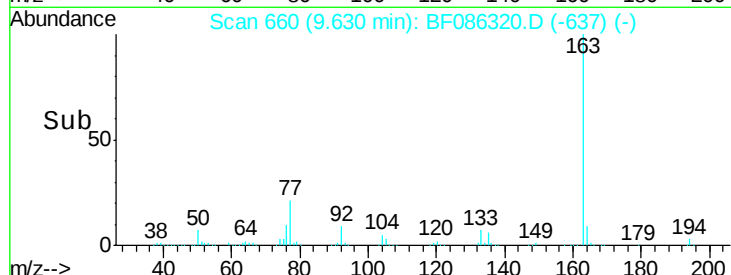
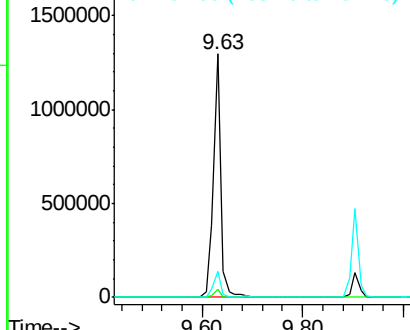
Tot Ion:163 Resp: 1337903
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.5 8.4 12.6

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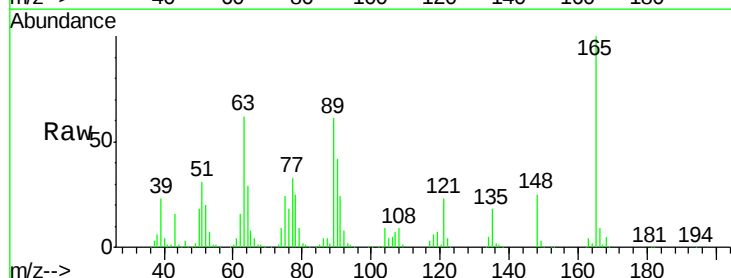


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

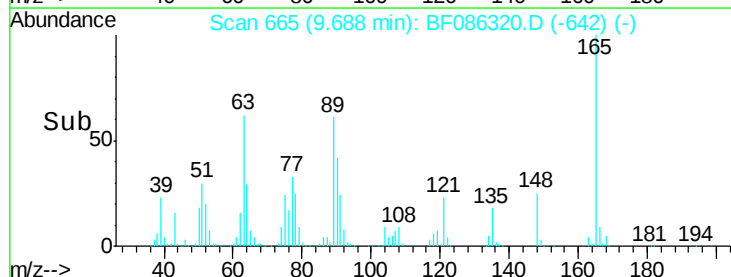
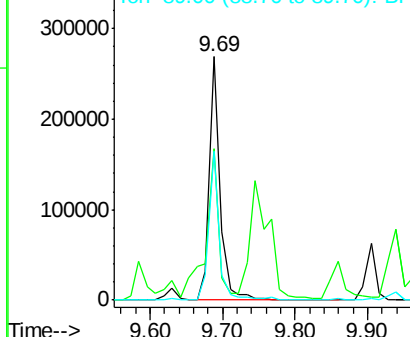


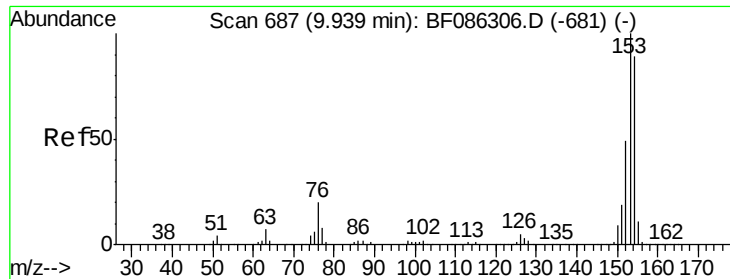
#50
2,6-Dinitrotoluene
Concen: 39.11 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:165 Resp: 279690
Ion Ratio Lower Upper
165 100
63 62.2 35.1 52.7#
89 61.1 39.8 59.6#



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





#51

Acenaphthene

Concen: 41.75 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1039086

Ion Ratio Lower Upper

154 100

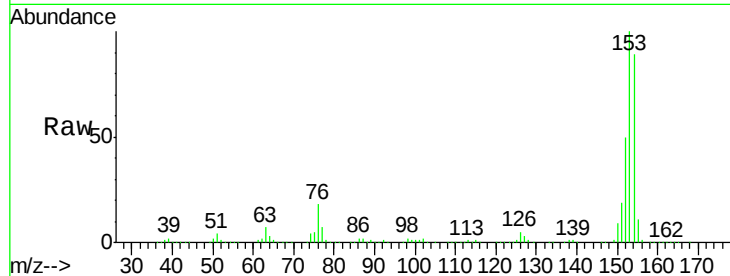
153 112.3 90.0 135.0

152 55.8 44.3 66.5

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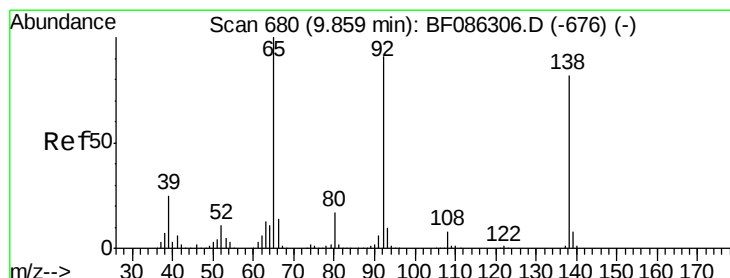
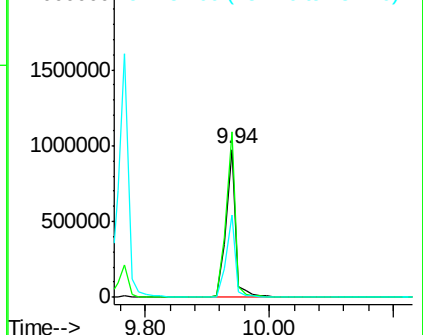
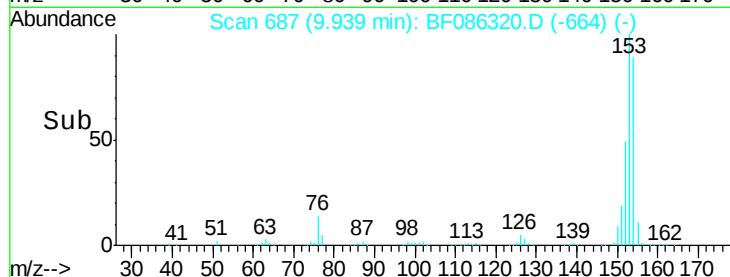
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.84 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

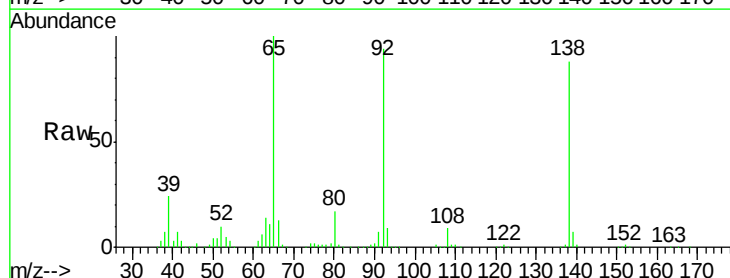
Tgt Ion:138 Resp: 362293

Ion Ratio Lower Upper

138 100

108 9.8 9.0 13.4

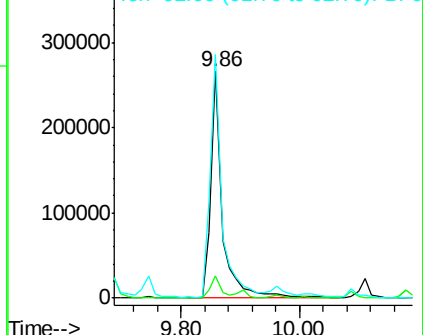
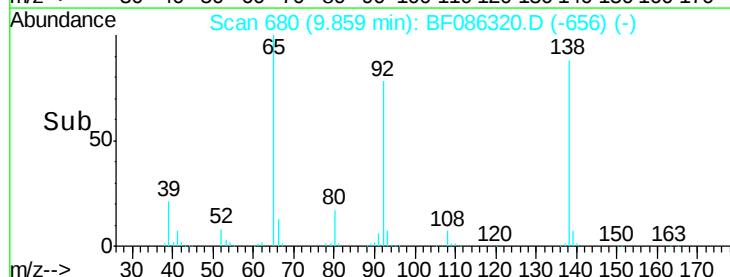
92 107.4 99.3 148.9

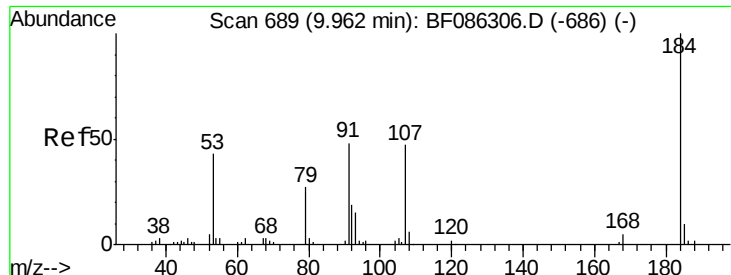


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





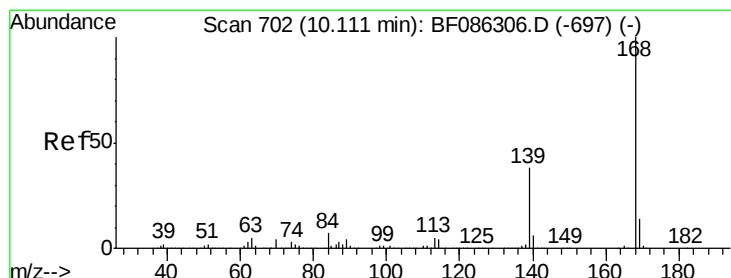
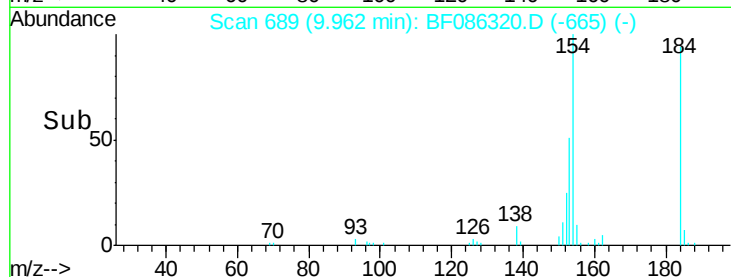
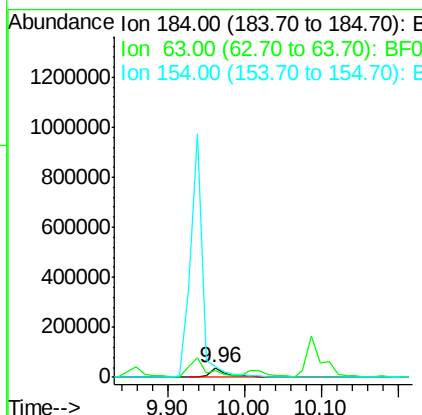
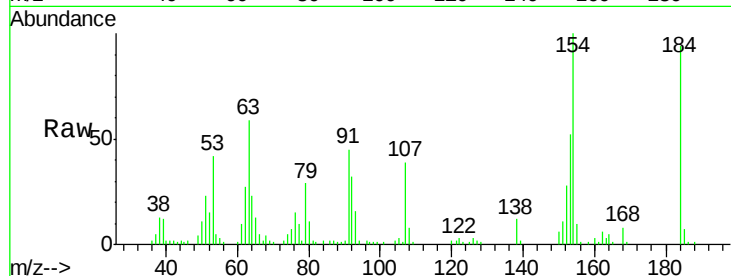
#53
 2,4-Dinitrophenol
 Concen: 46.47 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	64845		
63	62.7	64.7	97.1#	
154	106.2	59.4	89.2#	

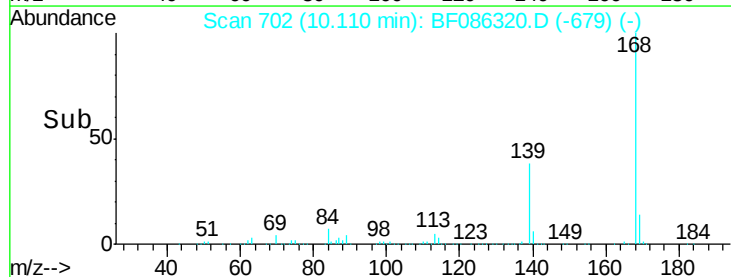
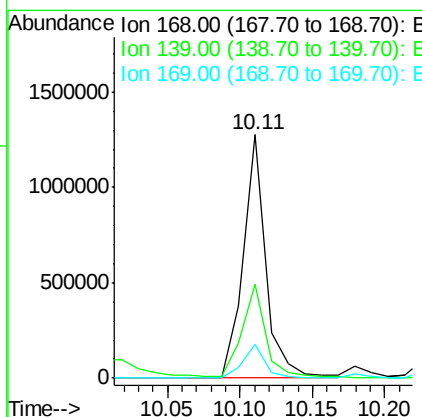
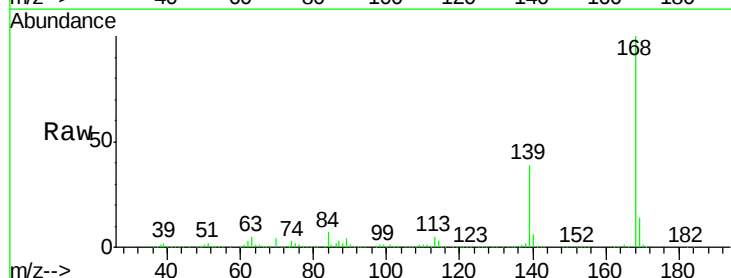
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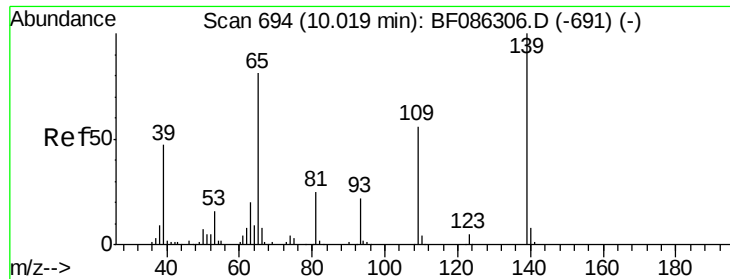
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#54
 Dibenzofuran
 Concen: 41.08 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1389839		
139	38.8	29.5	44.3	
169	13.6	10.6	16.0	





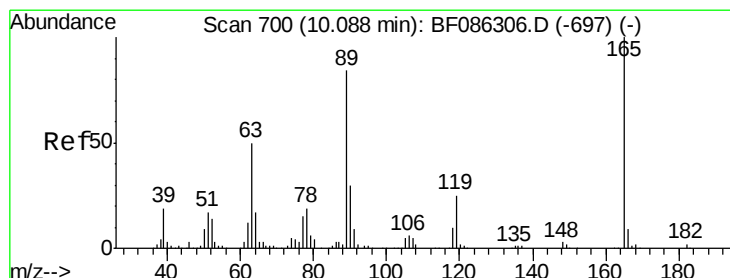
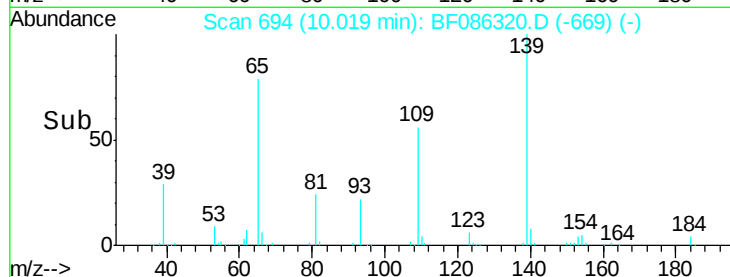
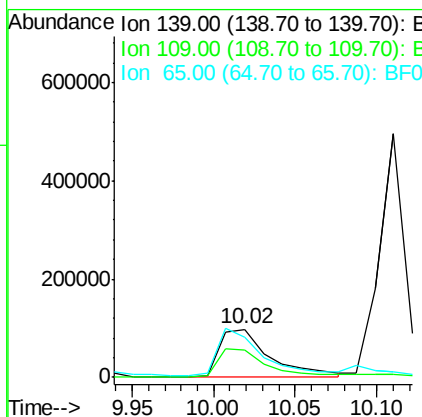
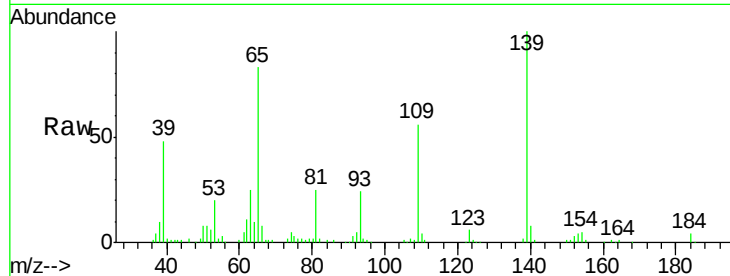
#55
4-Nitrophenol
Concen: 37.82 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.9	55.0	95.0	
65	82.9	87.3	127.3	

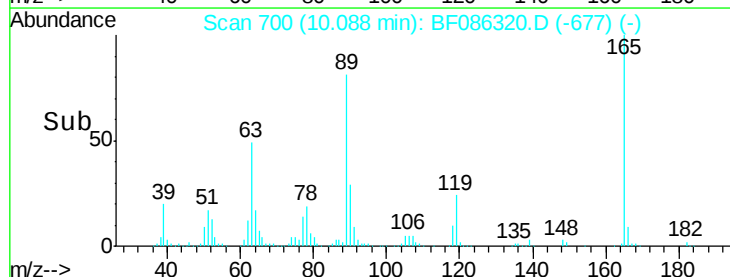
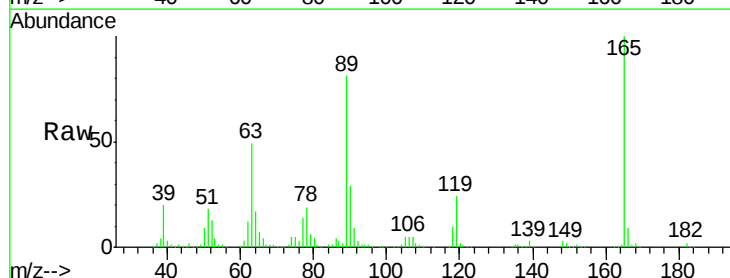
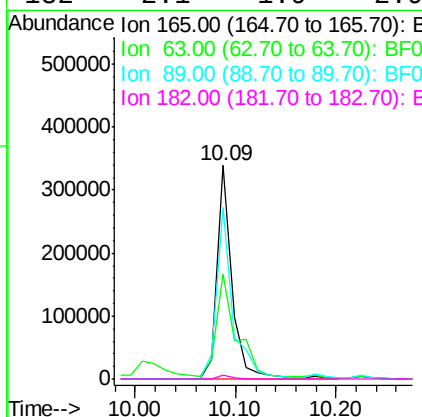
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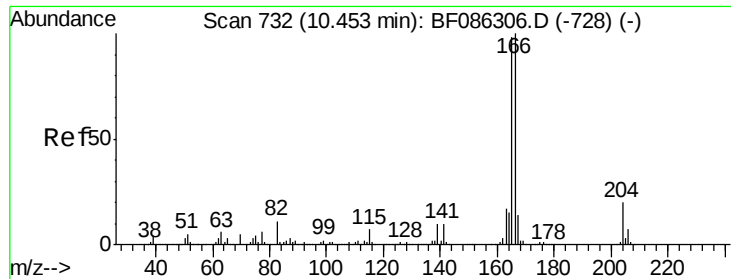
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#56
2,4-Dinitrotoluene
Concen: 40.18 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.2	26.6	40.0	
89	80.6	49.5	74.3	
182	2.1	1.9	2.9	





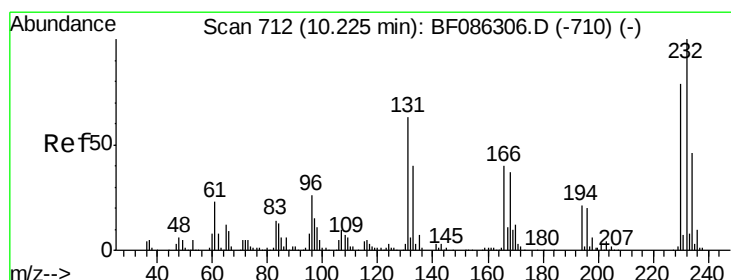
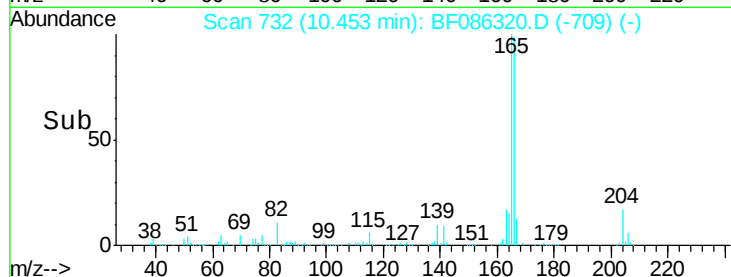
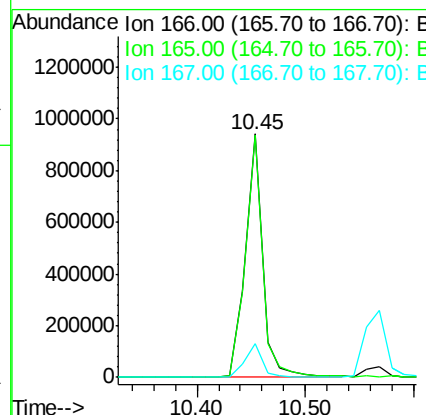
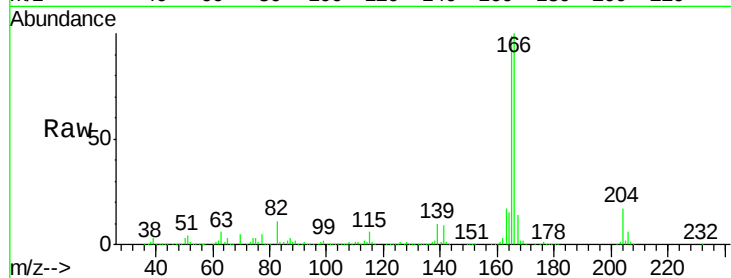
#57
 Fluorene
 Concen: 41.20 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 1033010
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.6 117.8
 167 13.7 10.4 15.6

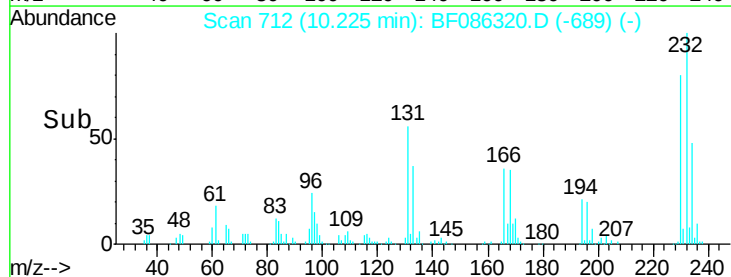
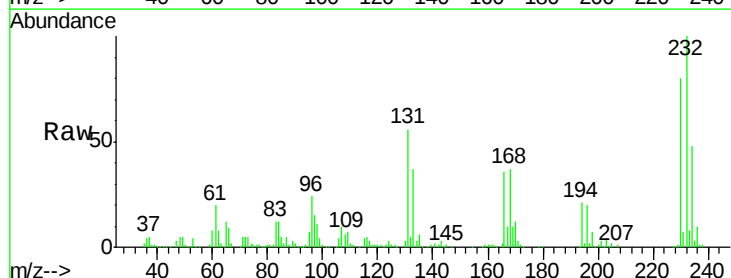
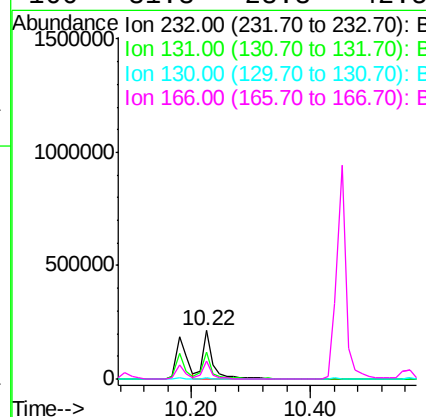
Manual Integrations
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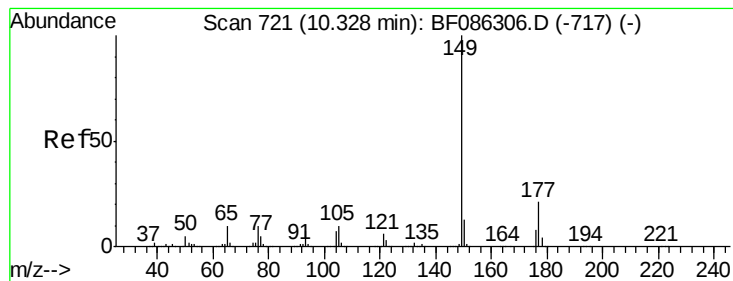
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.32 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:232 Resp: 260664
 Ion Ratio Lower Upper
 232 100
 131 54.4 46.6 70.0
 130 2.8 2.5 3.7
 166 31.3 28.3 42.5





#59

Diethylphthalate

Concen: 37.61 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1275572

Ion Ratio Lower Upper

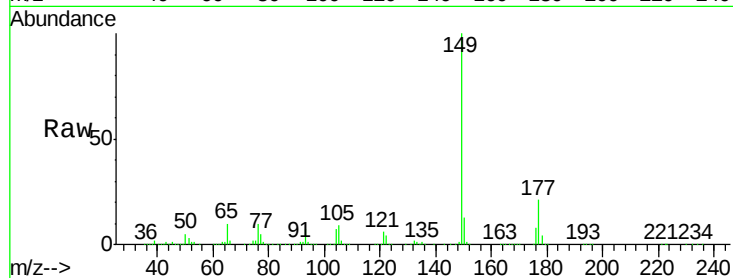
149 100

177 21.2 17.0 25.6

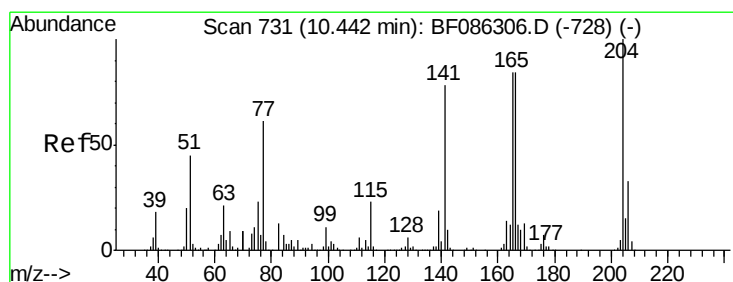
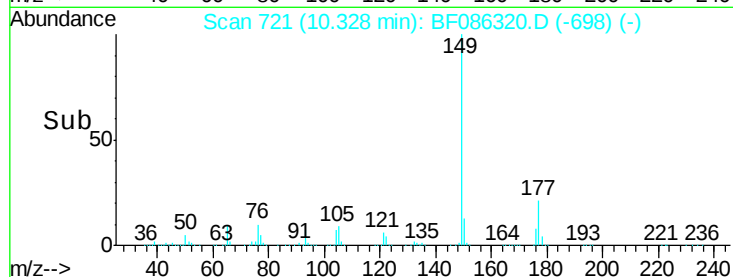
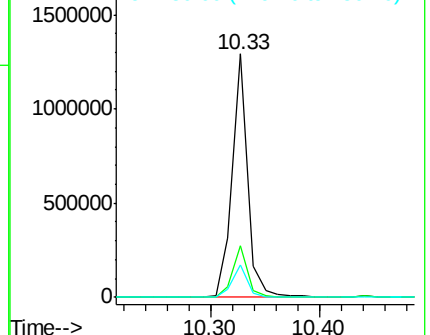
150 13.1 10.2 15.4

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



#60

4-Chlorophenyl-phenylether

Concen: 38.84 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

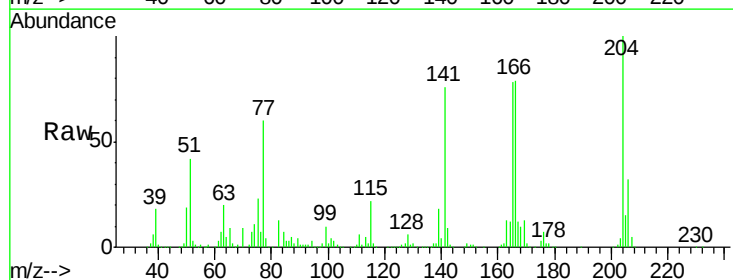
Tgt Ion:204 Resp: 450975

Ion Ratio Lower Upper

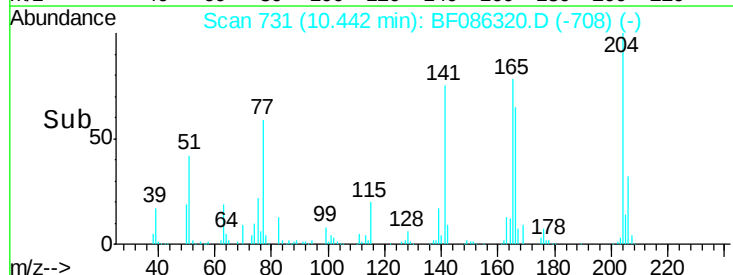
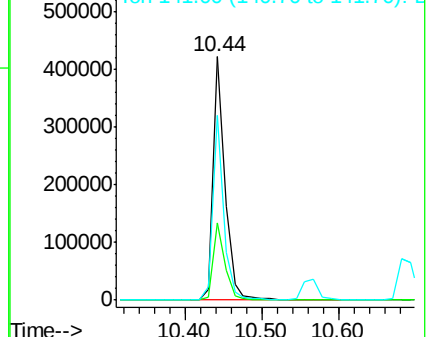
204 100

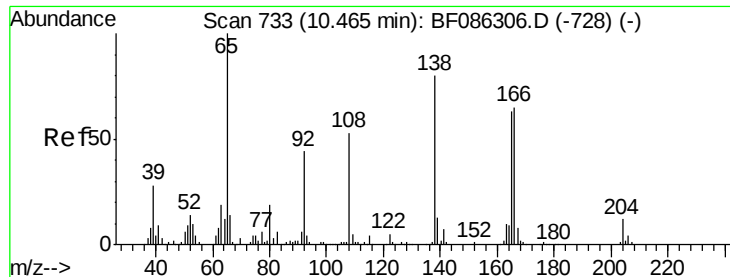
206 31.9 26.2 39.2

141 75.9 55.4 83.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





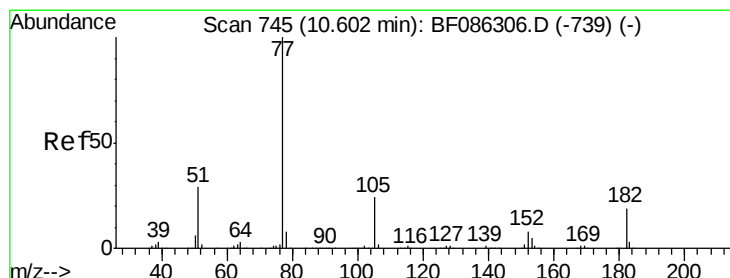
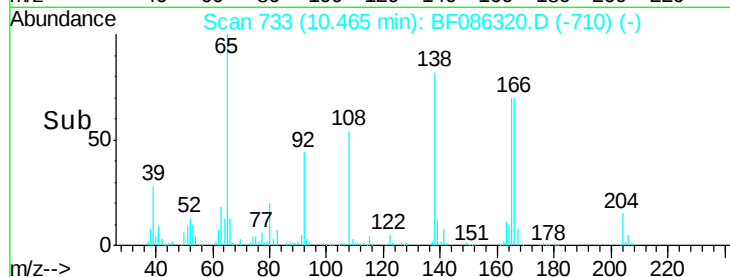
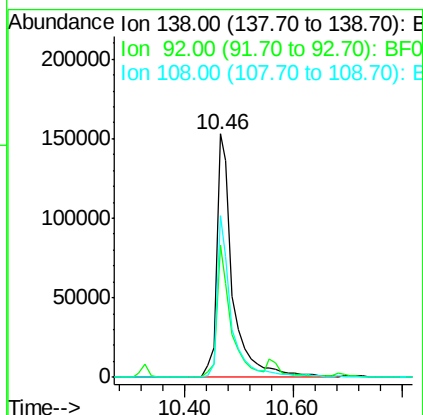
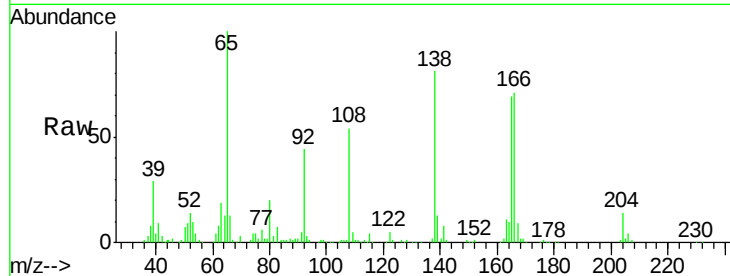
#61
4-Nitroaniline
Concen: 37.91 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	322736		
92	54.1	31.9	71.9	
108	66.6	58.7	98.7	

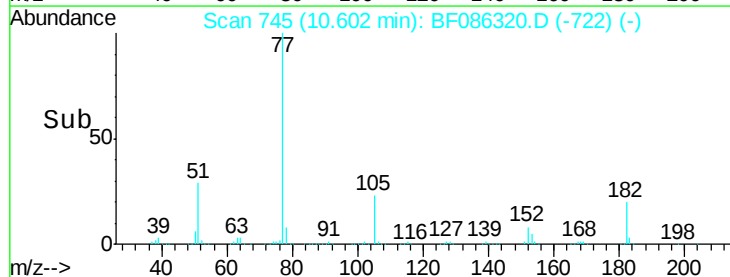
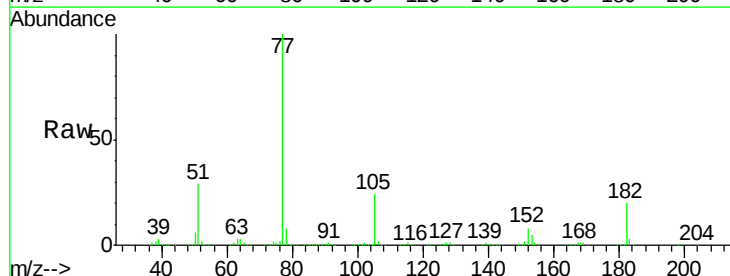
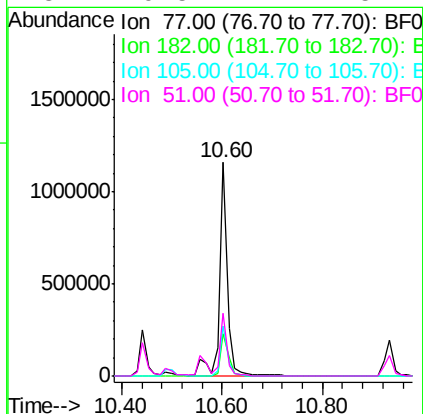
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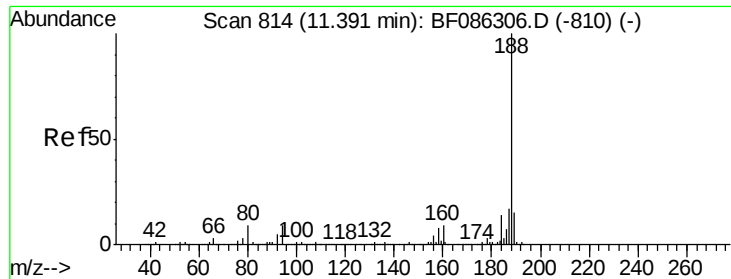
sohil
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#62
Azobenzene
Concen: 37.87 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1265913		
182	19.6	2.3	42.3	
105	23.5	3.4	43.4	
51	29.5	11.7	51.7	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

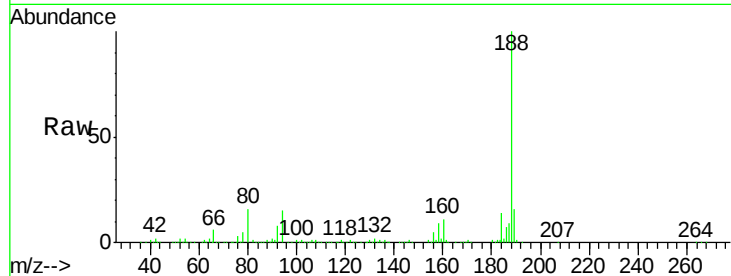
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	702213
Ion Ratio	Lower	Upper
188 100		
94 14.6	9.8	14.8
80 15.7	10.5	15.7#

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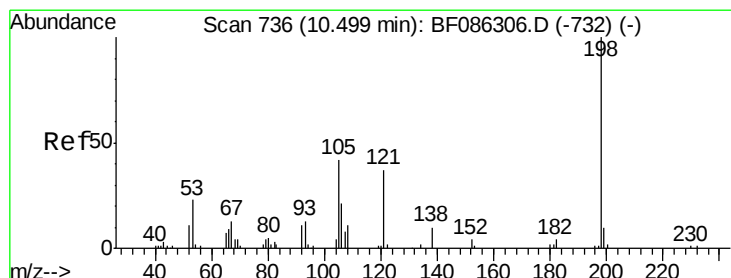
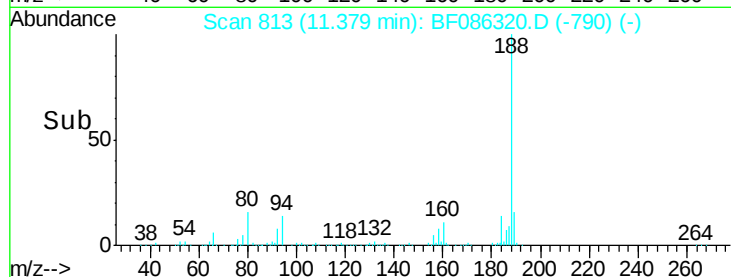
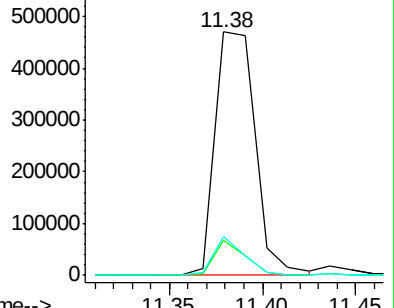
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.75 ng

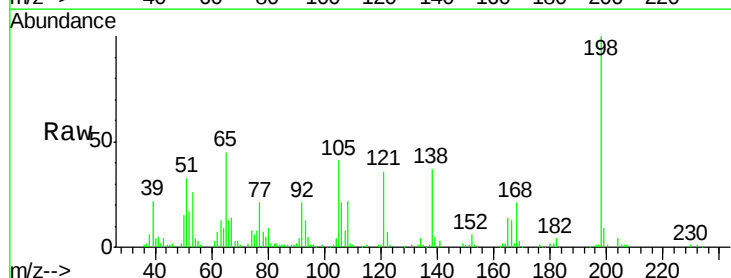
RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

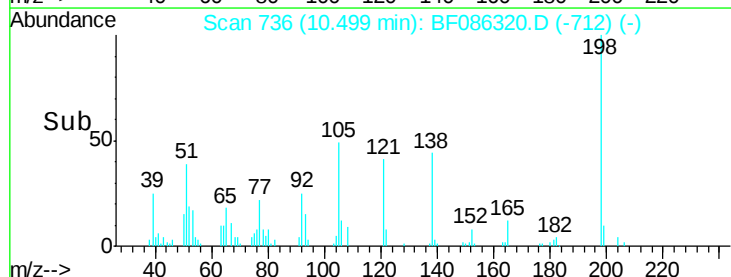
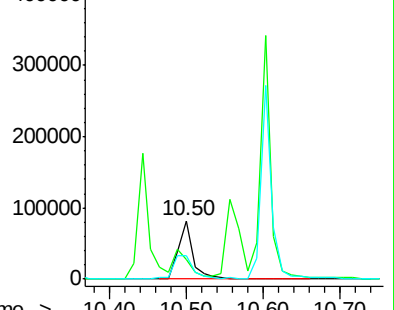
Tgt Ion:198	Resp:	110420
Ion Ratio	Lower	Upper
198 100		
51 33.3	56.5	96.5#
105 40.8	48.0	88.0#

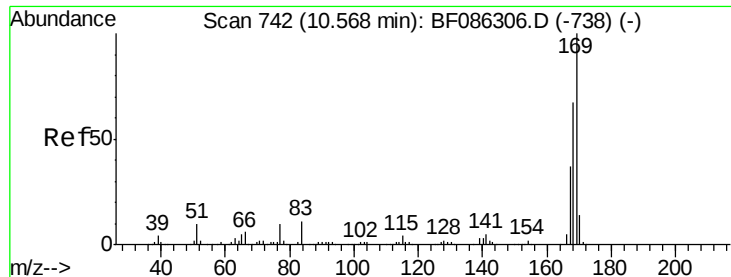


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.76 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

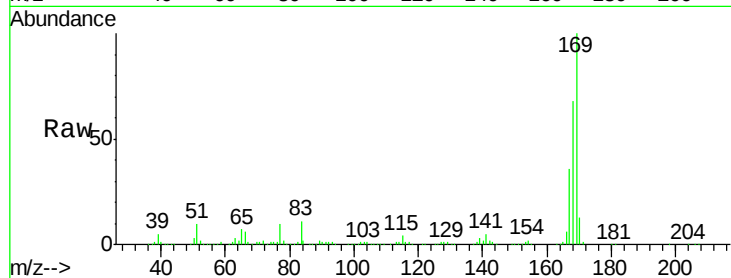
ClientSampleId :

SSTDCCC040

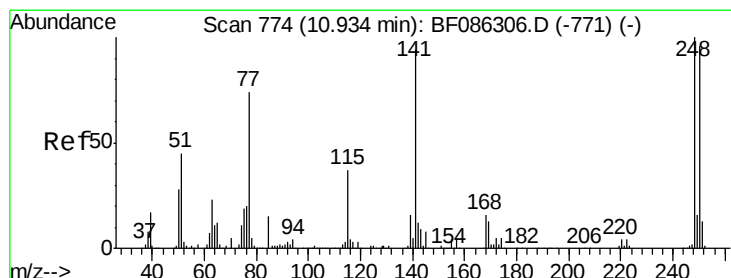
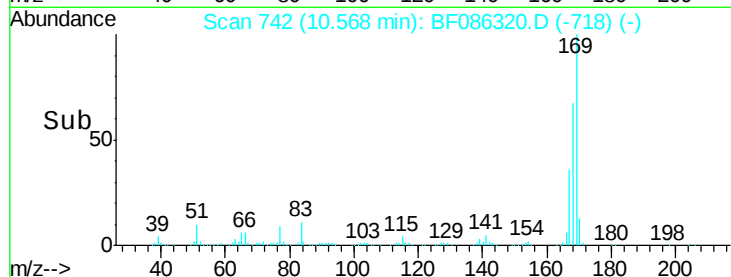
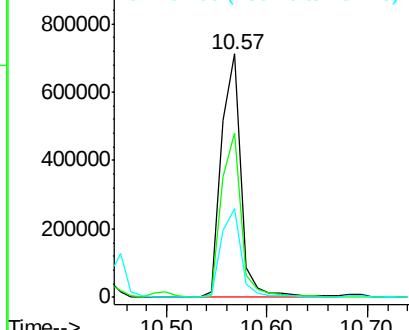
Tot Ion:	169	Resp:	966032
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.3	81.5
167	36.5	30.2	45.2

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



#66

4-Bromophenyl-phenylether

Concen: 40.14 ng

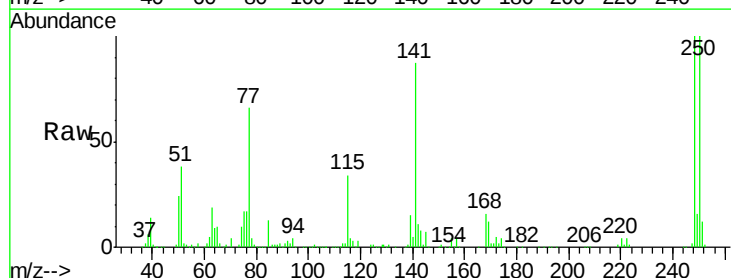
RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

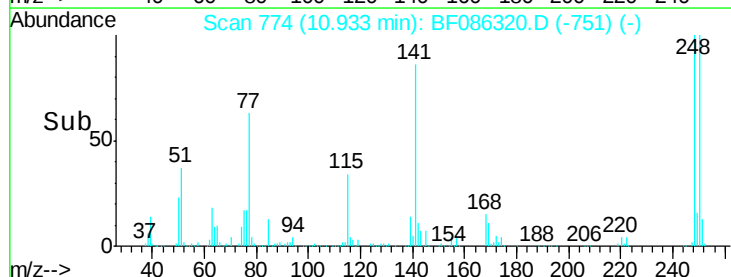
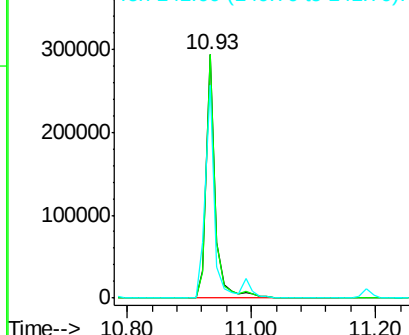
Lab File: BF086320.D

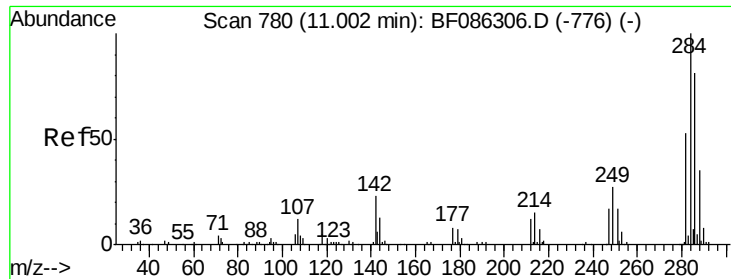
Acq: 20 Apr 2016 20:41

Tgt Ion:	248	Resp:	302832
Ion Ratio	Lower	Upper	
248	100		
250	100.1	78.6	118.0
141	87.4	57.9	86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





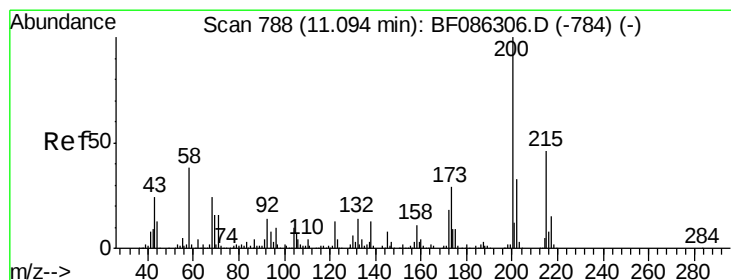
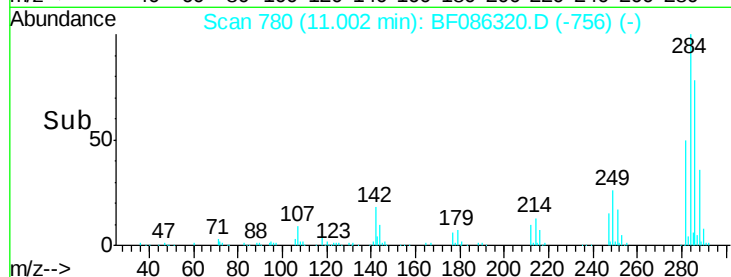
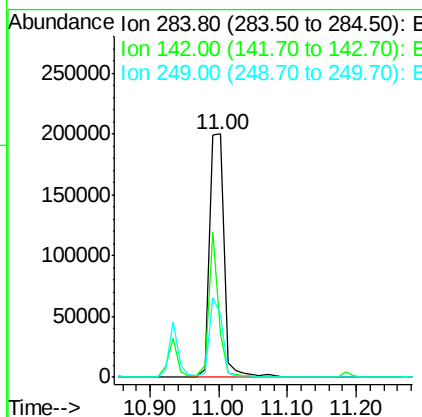
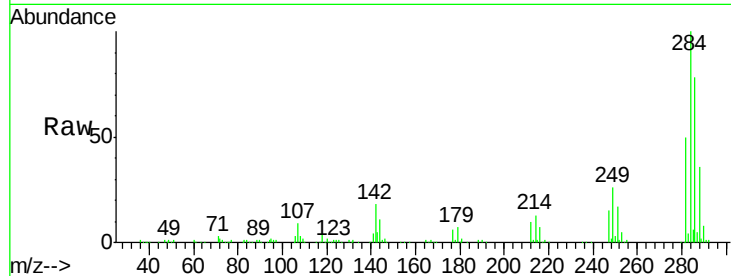
#67
Hexachlorobenzene
Concen: 39.69 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	300569		
142	18.3	42.6	64.0#	
249	25.8	25.9	38.9#	

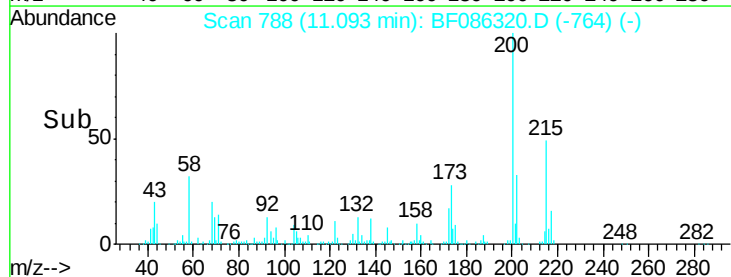
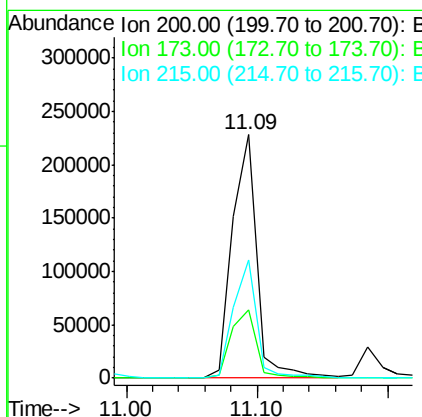
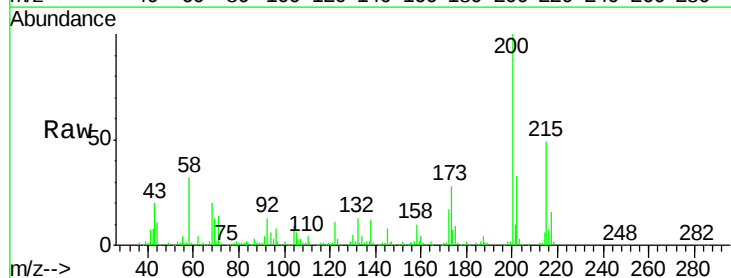
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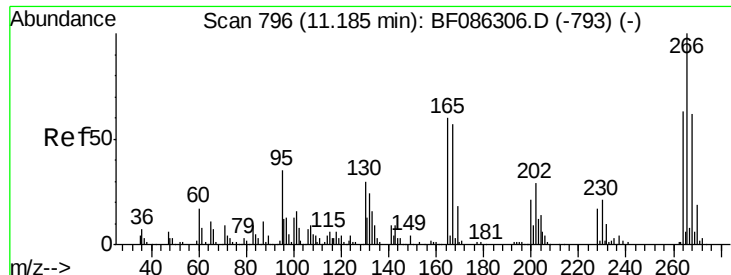
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#68
Atrazine
Concen: 41.72 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	296699		
173	28.2	11.2	51.2	
215	48.5	24.0	64.0	





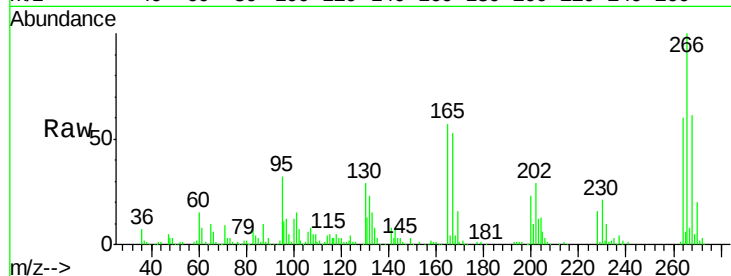
#69
 Pentachlorophenol
 Concen: 43.89 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

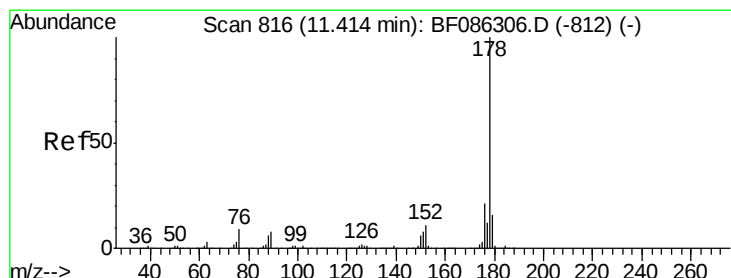
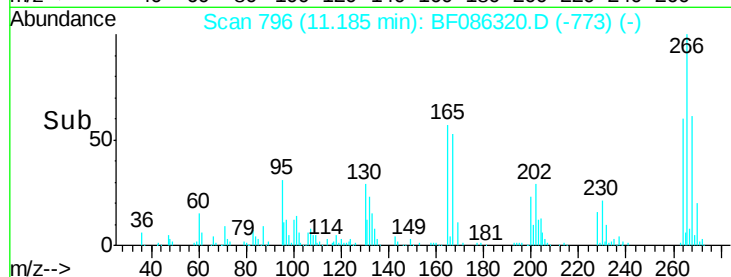
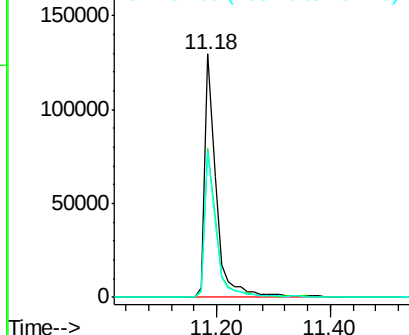
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	53.0	79.4
264	60.2	51.3	76.9

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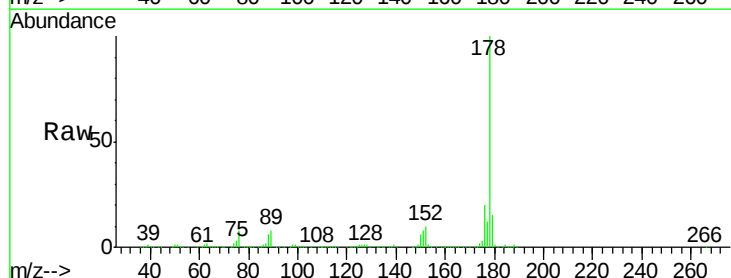


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

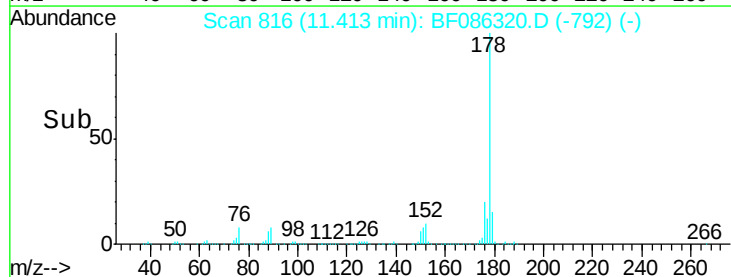
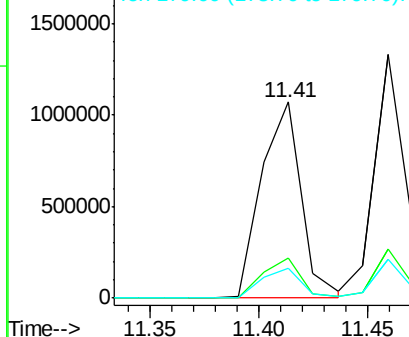


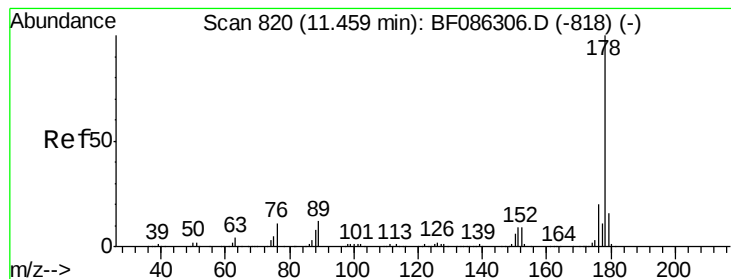
#70
 Phenanthrene
 Concen: 41.28 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.3	24.5
179	15.3	13.0	19.6



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





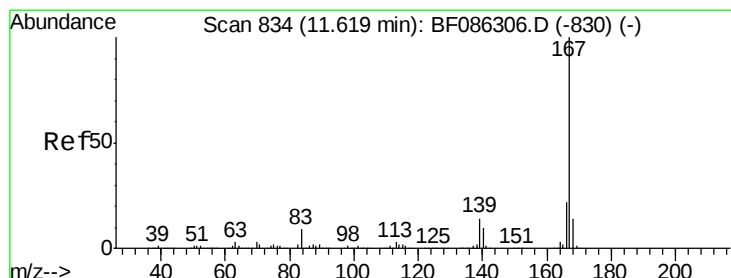
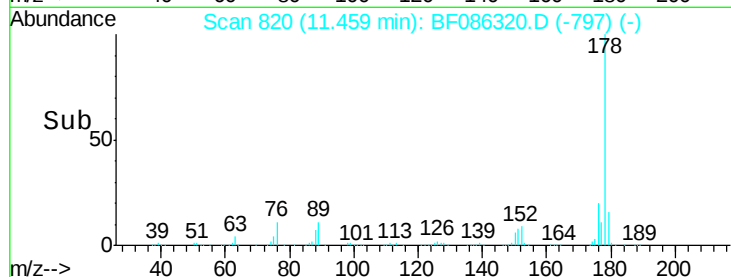
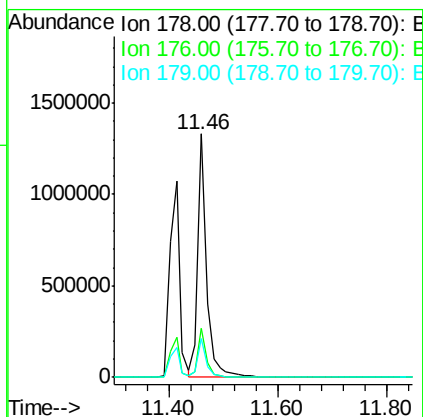
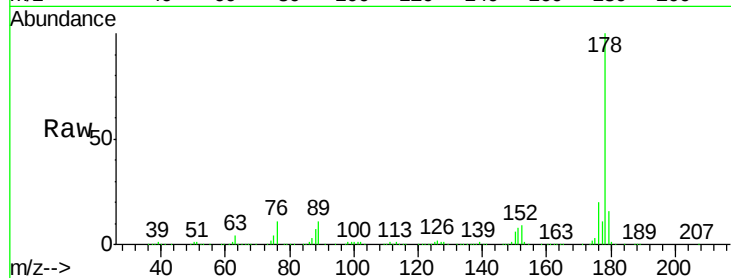
#71
 Anthracene
 Concen: 41.52 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1479495
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.2 13.2 19.8

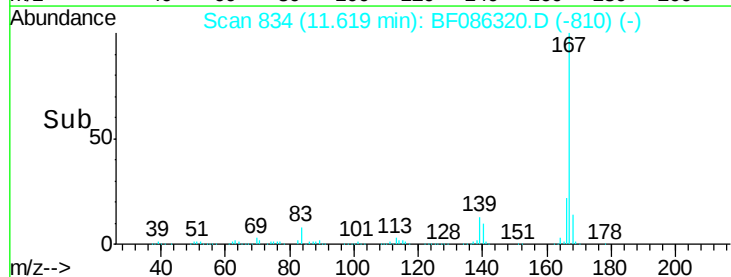
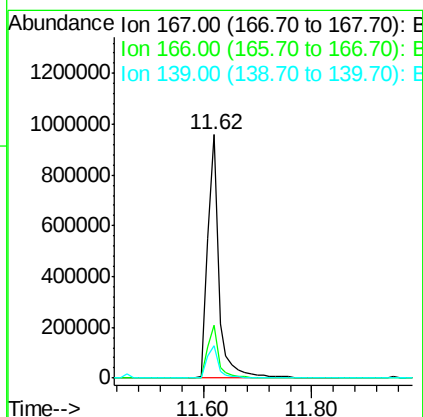
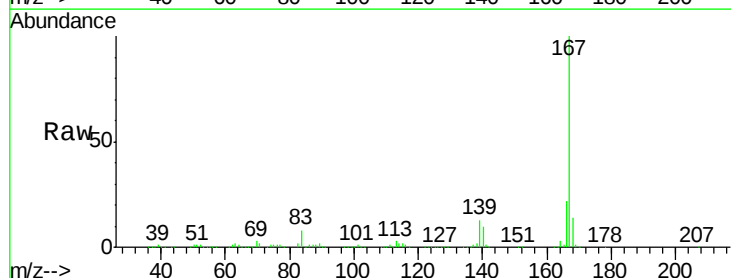
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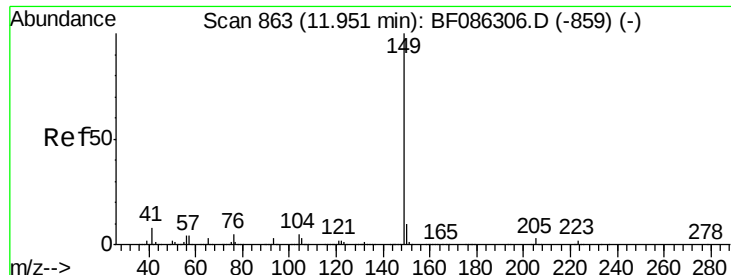
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#72
 Carbazole
 Concen: 40.75 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:167 Resp: 1374254
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.3 27.5
 139 13.5 12.3 18.5





#73

Di-n-butylphthalate

Concen: 41.96 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1821811

Ion Ratio Lower Upper

149 100

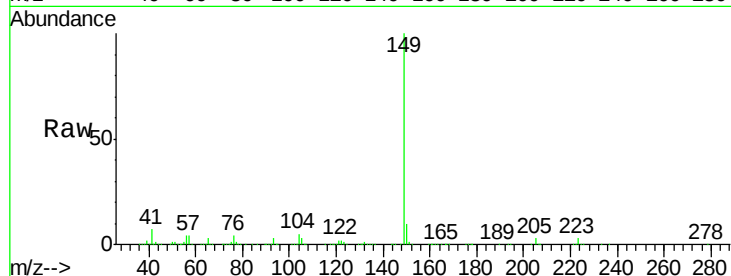
150 9.7 7.8 11.8

104 4.7 4.1 6.1

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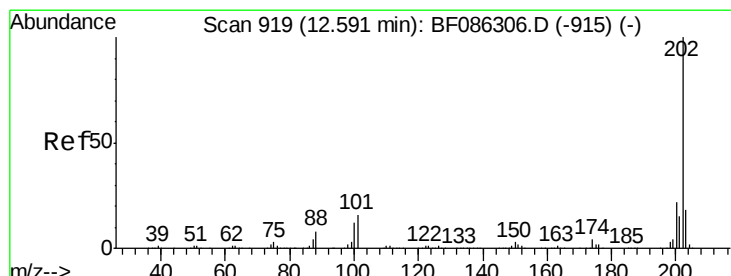
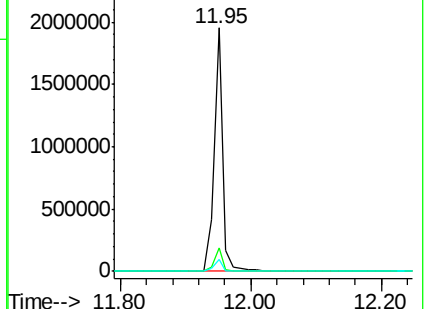
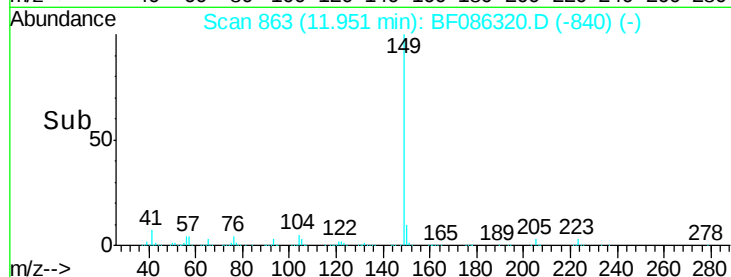
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.93 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

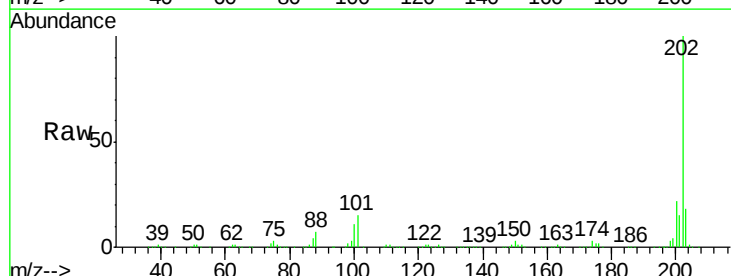
Tgt Ion:202 Resp: 1201213

Ion Ratio Lower Upper

202 100

101 15.1 0.0 35.2

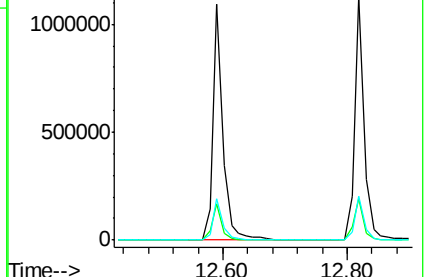
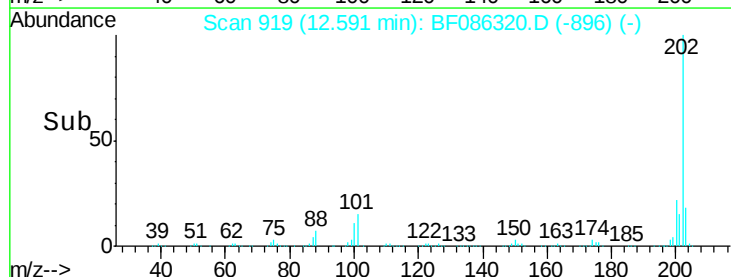
203 17.8 0.0 38.2

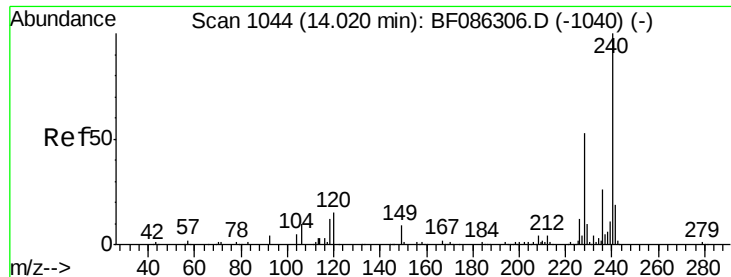


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

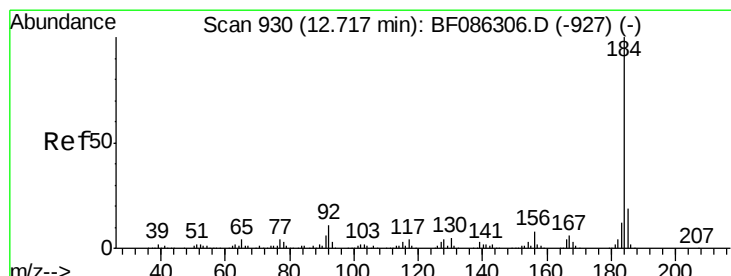
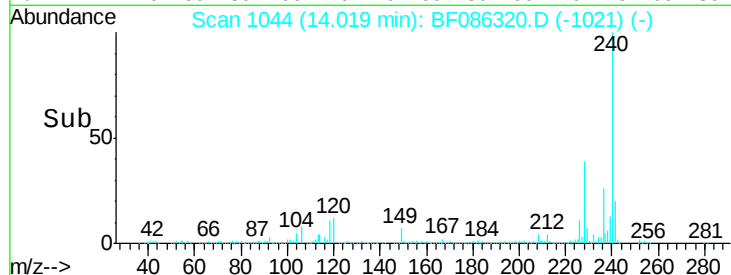
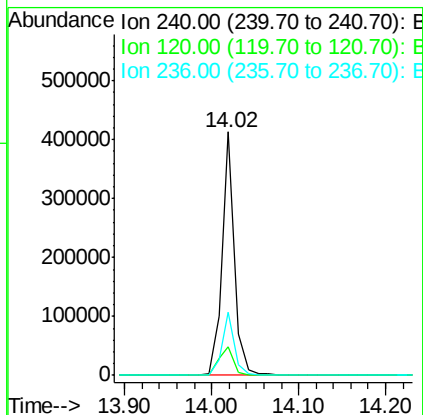
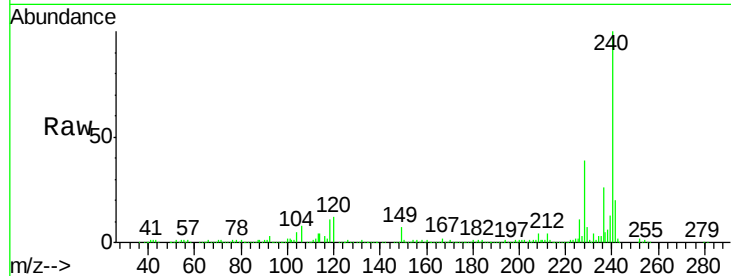
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	414959
Ion Ratio		Lower	Upper
240	100		
120	11.9	9.3	13.9
236	26.0	21.1	31.7

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#76

Benzidine

Concen: 37.90 ng

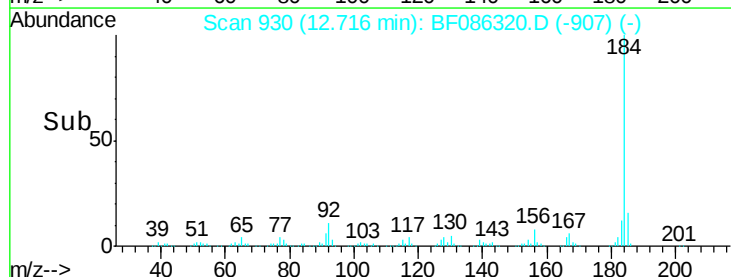
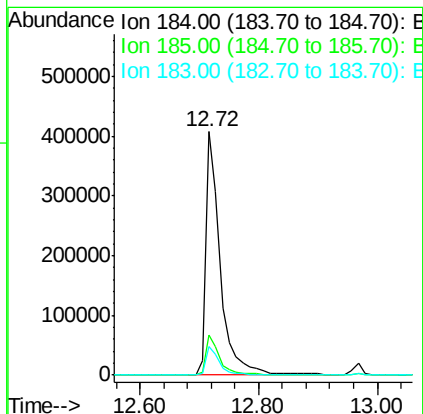
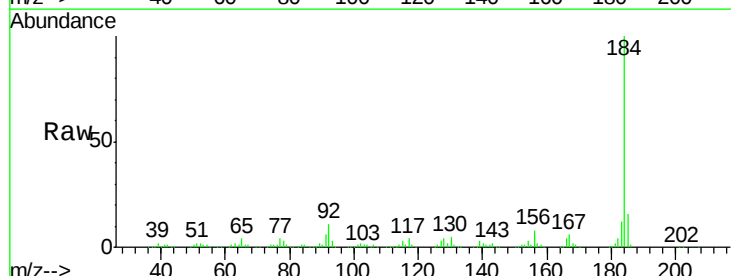
RT: 12.72 min Scan# 930

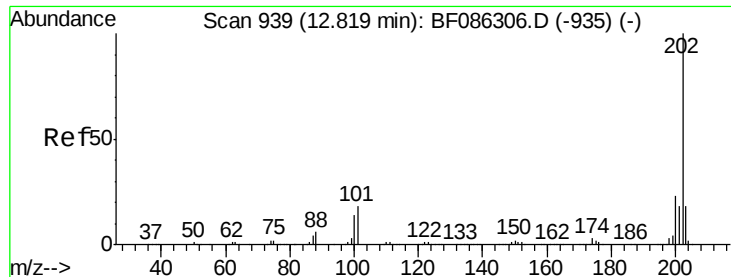
Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:	184	Resp:	694245
Ion Ratio		Lower	Upper
184	100		
185	16.2	14.2	21.2
183	11.5	9.8	14.6





#77

Pvrene

Concen: 38.41 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

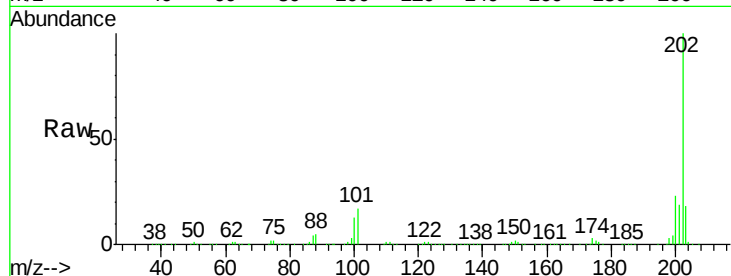
ClientSampleId :

SSTDCCC040

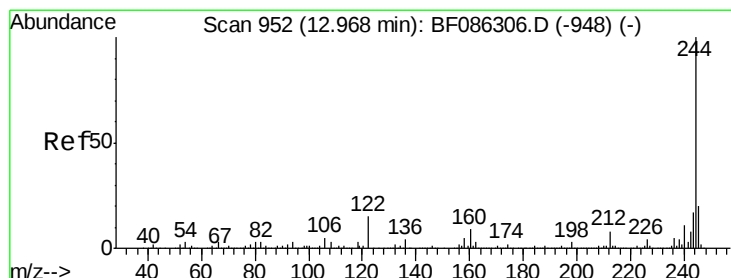
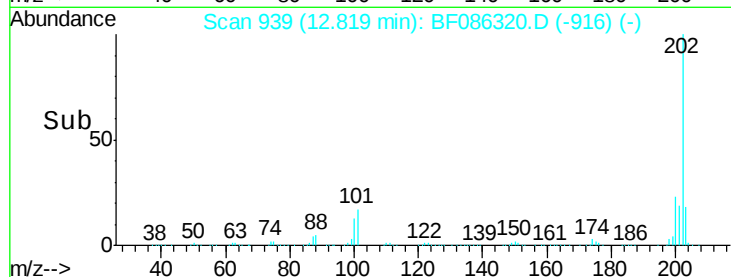
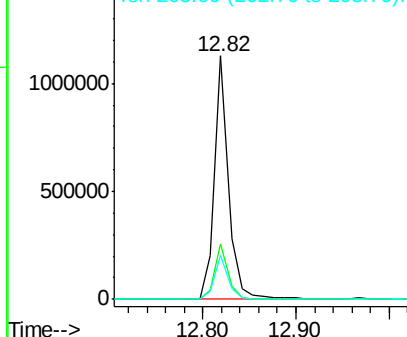
Tot Ion:	202	Resp:	1182271
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.3	27.5
203	18.0	14.9	22.3

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



#78

Terphenyl-d14

Concen: 79.83 ng

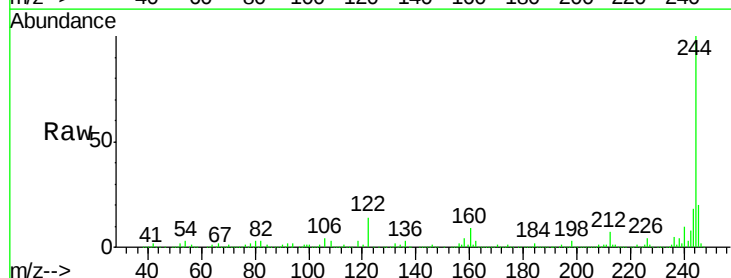
RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

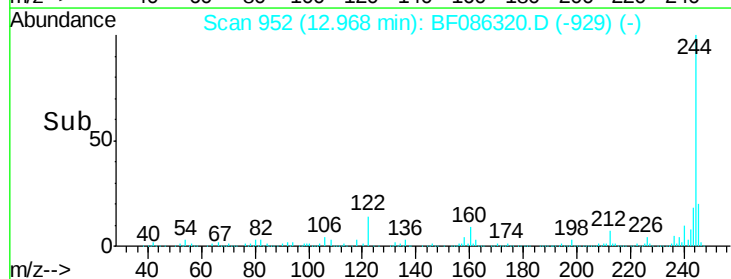
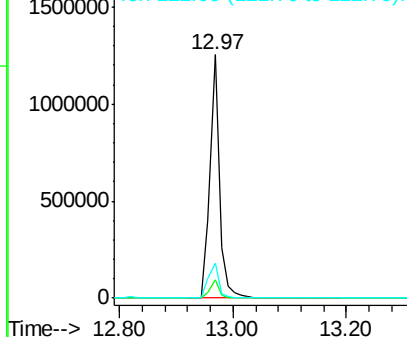
Lab File: BF086320.D

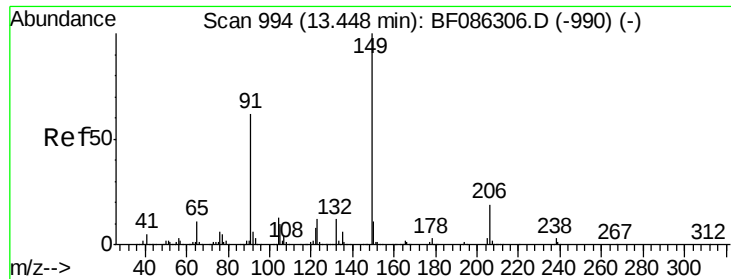
Acq: 20 Apr 2016 20:41

Tgt Ion:	244	Resp:	1391687
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	14.2	11.7	17.5



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





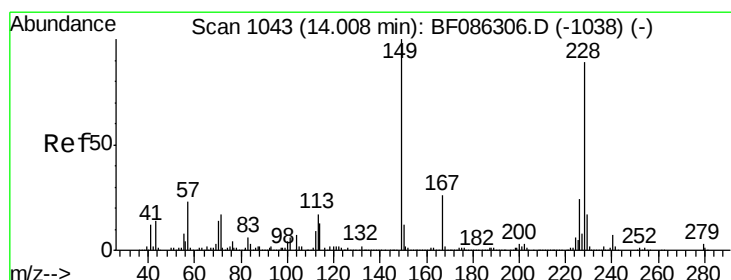
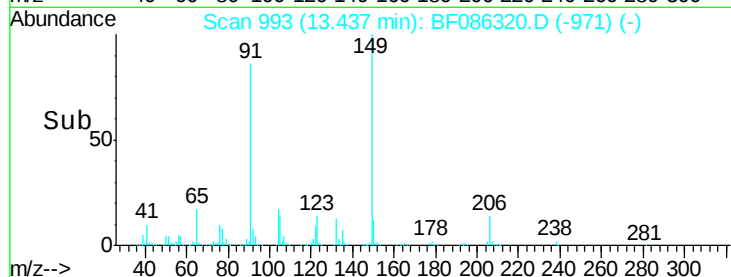
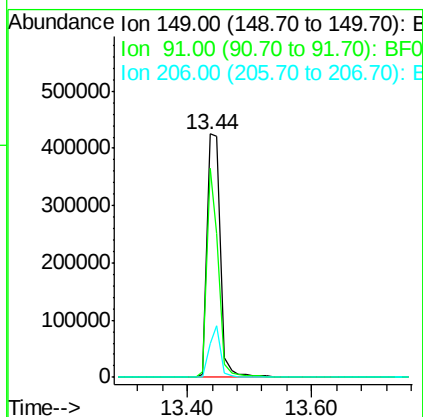
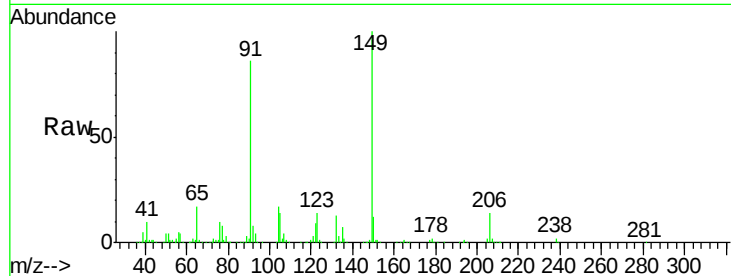
#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.0	48.7	73.1#
206	13.6	15.7	23.5#

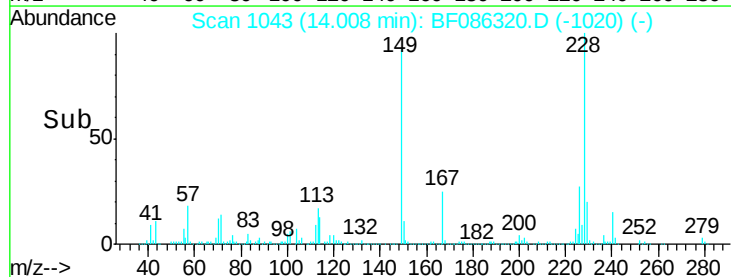
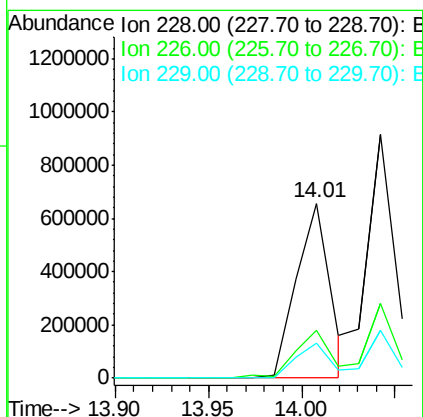
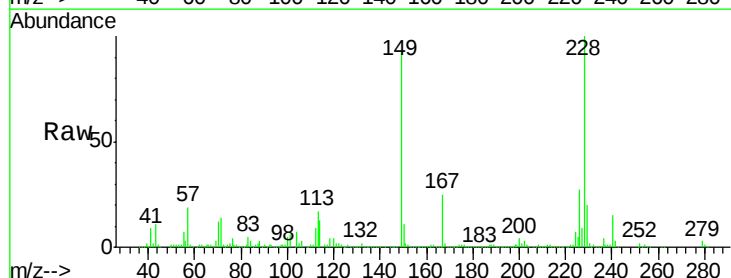
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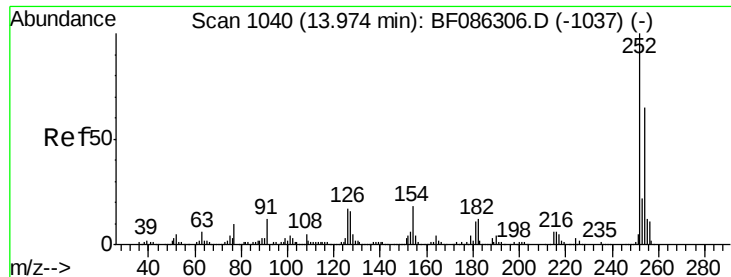
sohil
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#80
Benzo(a)anthracene
Concen: 37.77 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	19.6	16.2	24.2





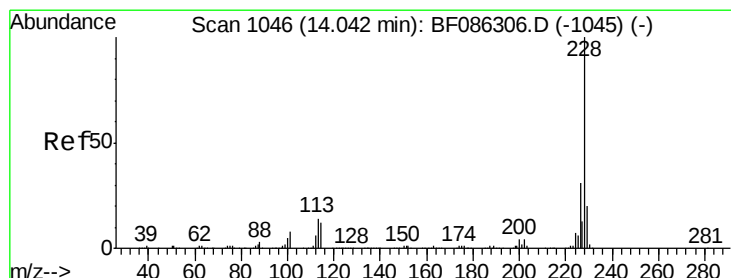
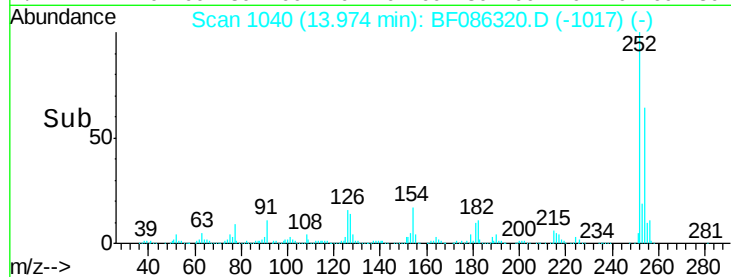
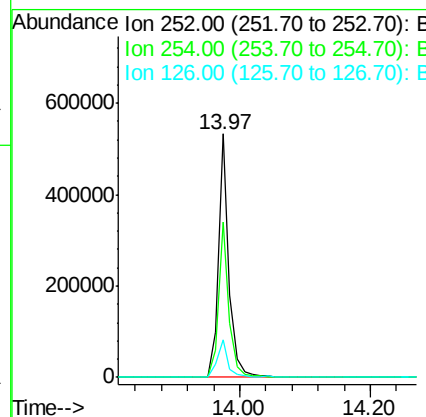
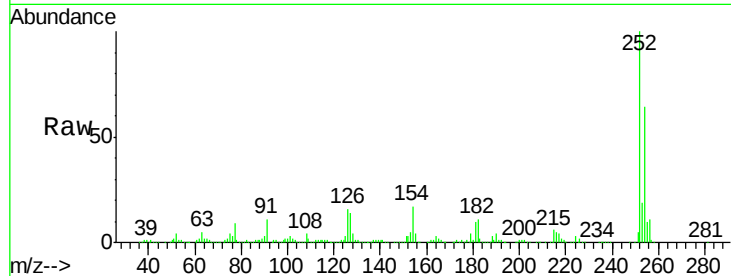
#81
 3,3'-Dichlorobenzidine
 Concen: 40.15 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	15.6	13.2	19.8

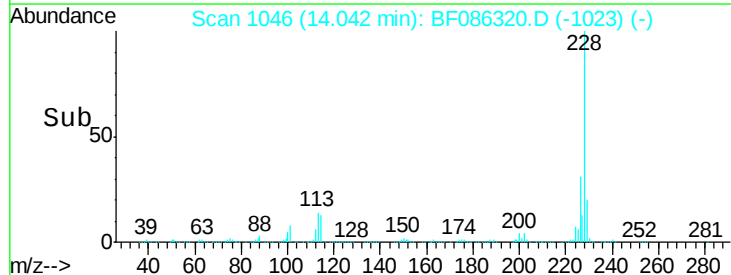
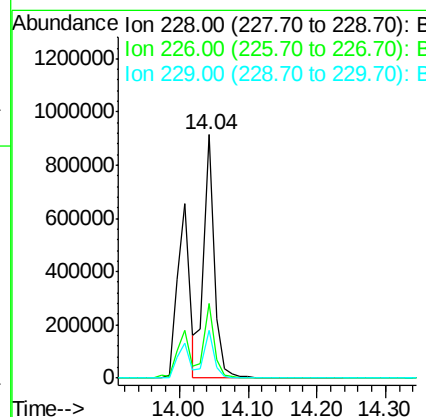
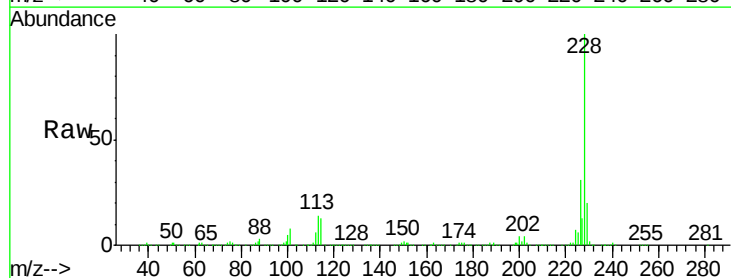
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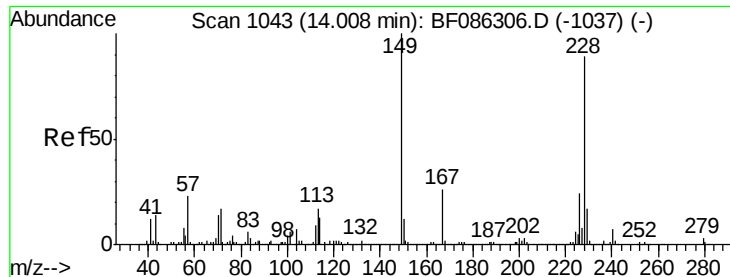
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#82
 Chrysene
 Concen: 40.54 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.9	16.5	24.7





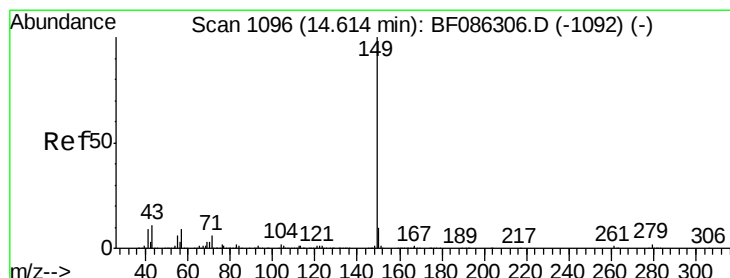
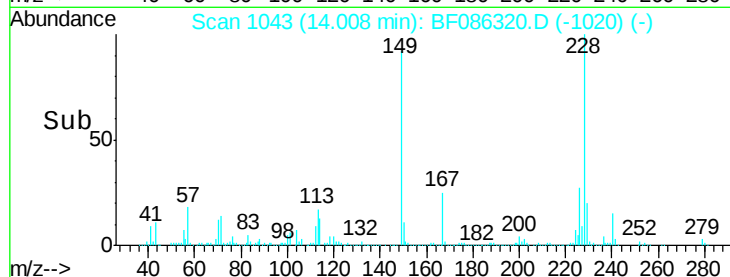
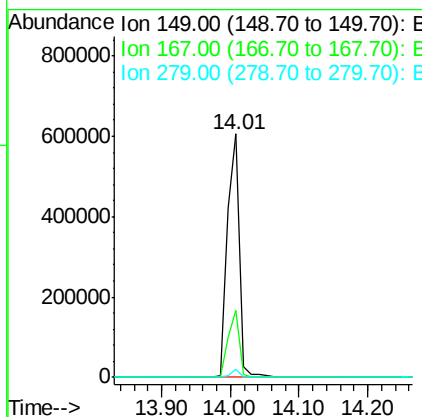
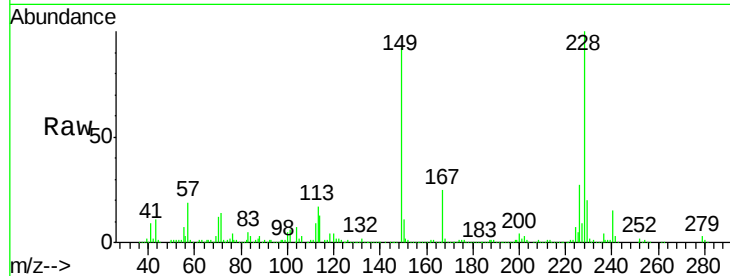
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.10 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	744068
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.0	31.4
279	3.5	2.4	3.6

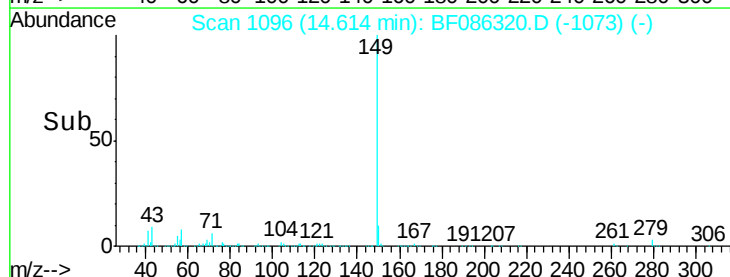
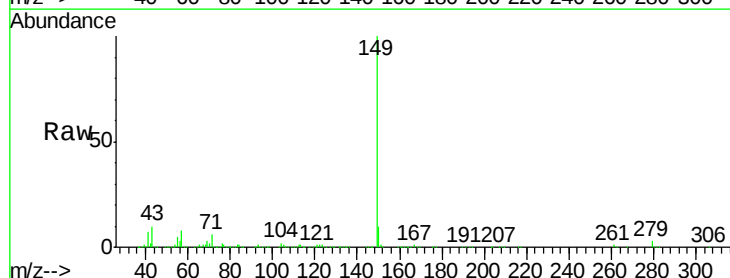
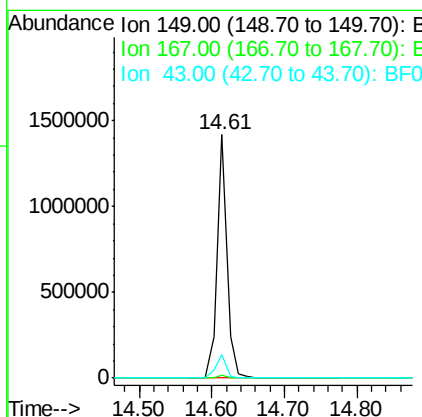
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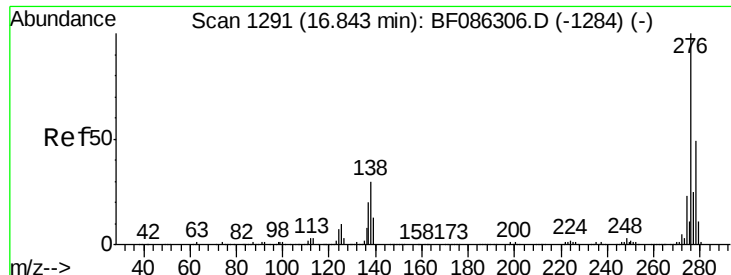
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#84
 Di-n-octyl phthalate
 Concen: 39.15 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:	149	Resp:	1342499
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.1	9.1	13.7





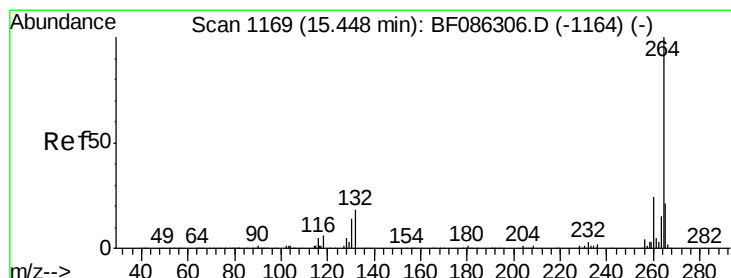
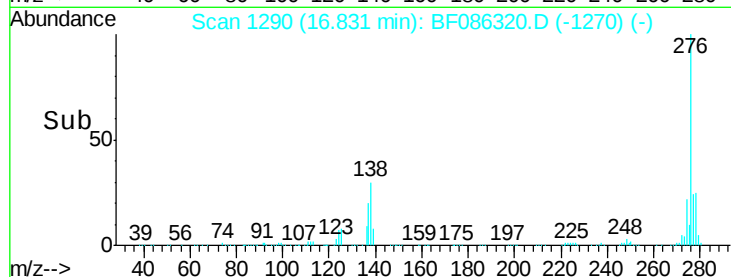
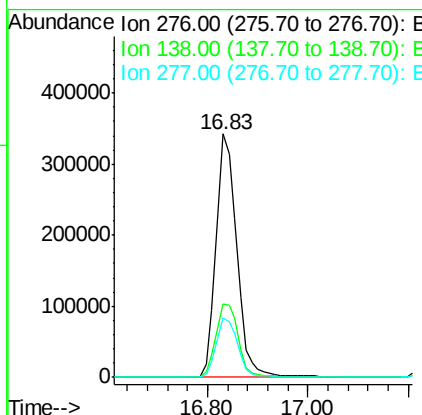
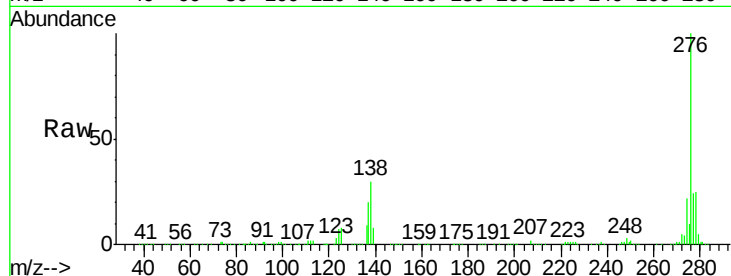
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.86 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	23.8	35.6
277	25.4	20.2	30.2

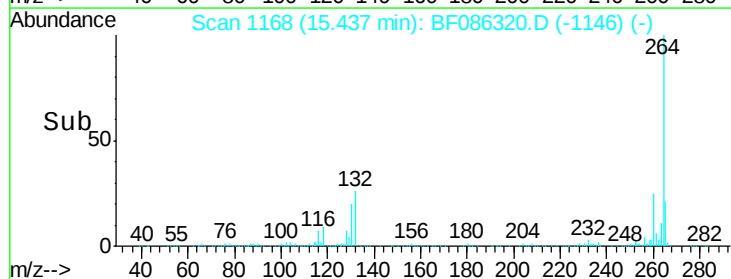
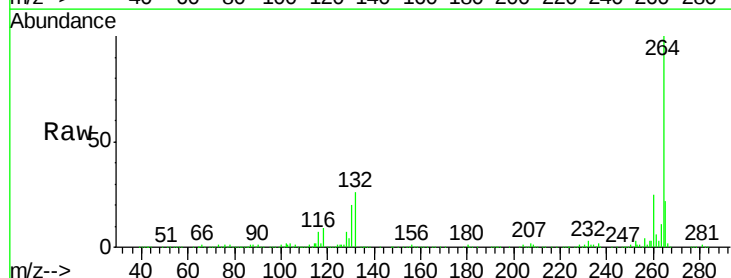
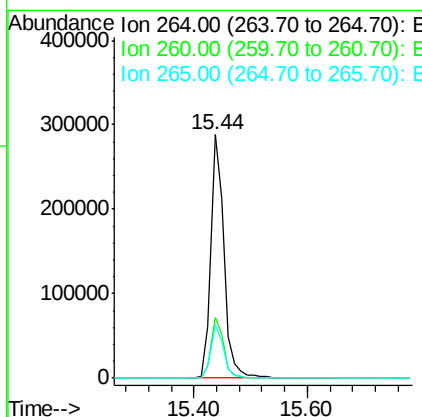
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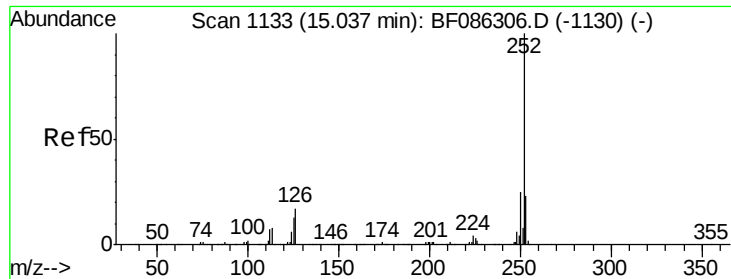
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.6	17.4	26.0





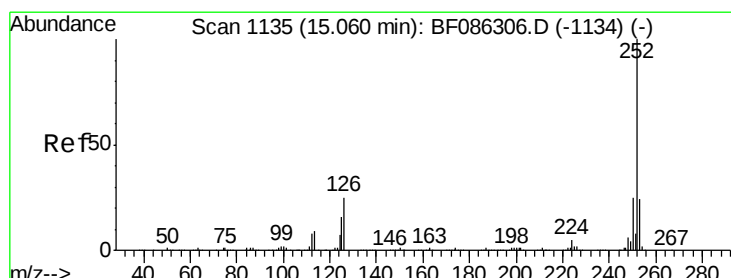
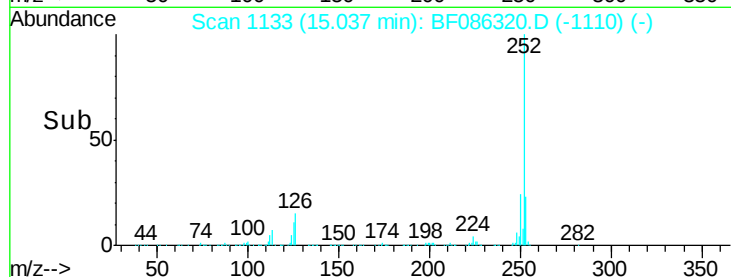
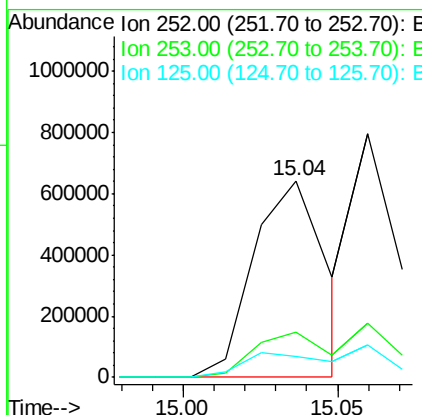
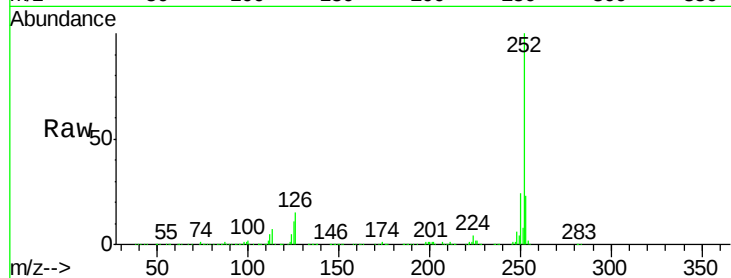
#87
Benzo(b)fluoranthene
Concen: 40.67 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.7	17.7	26.5	
125	10.8	10.3	15.5	

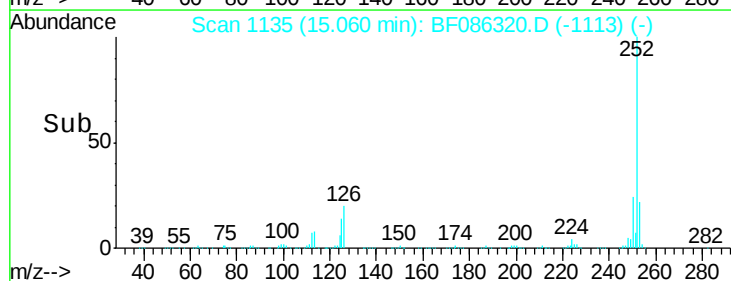
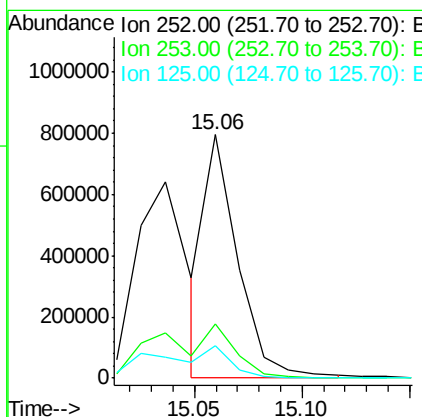
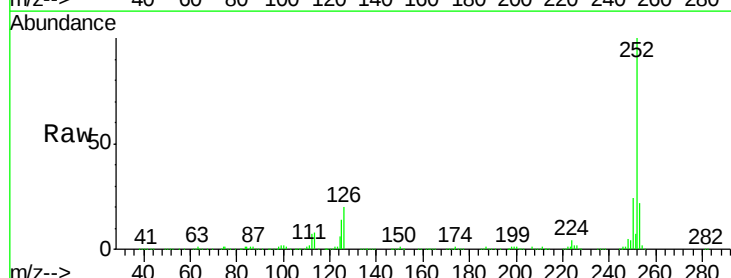
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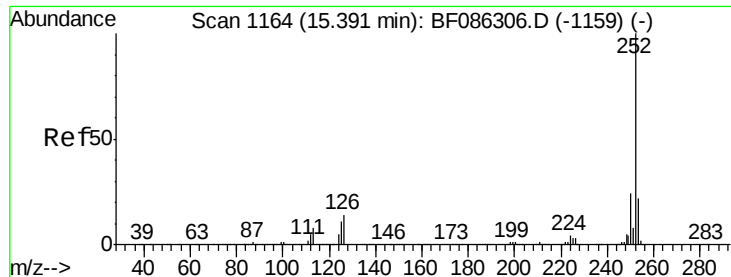
sohil
4/21/2016 7:10:22 PM



#88
Benzo(k)fluoranthene
Concen: 39.83 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.4	17.5	26.3	
125	13.6	7.8	11.6	





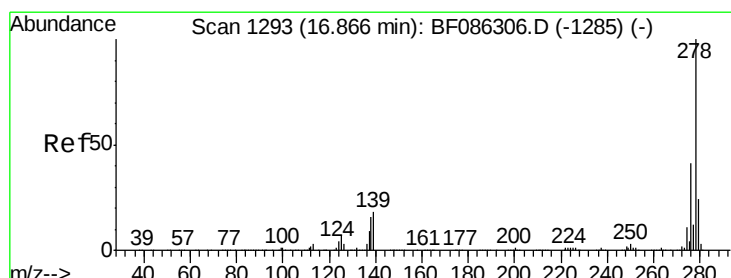
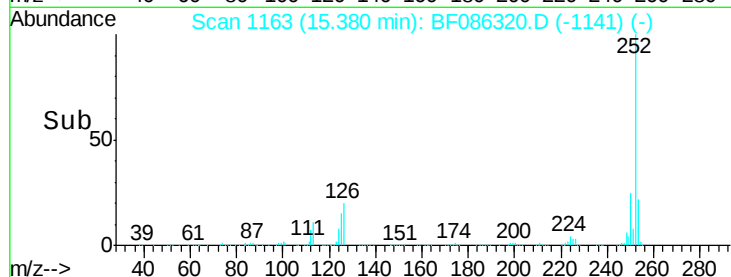
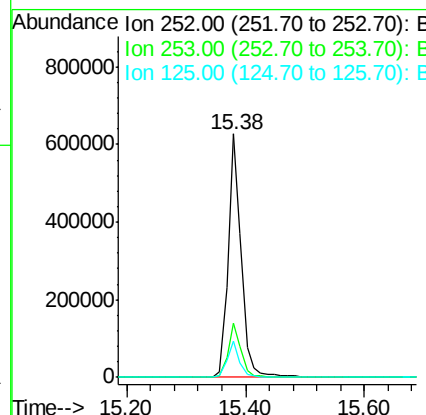
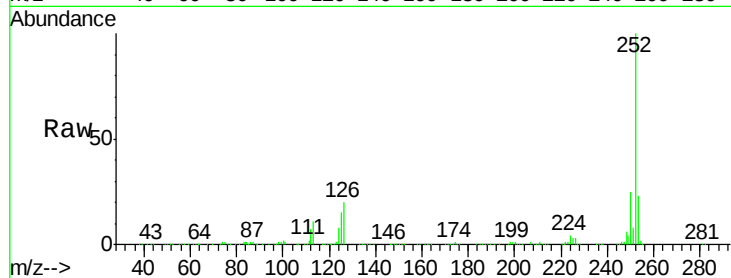
#89
Benzo(a)pyrene
Concen: 39.80 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	15.1	11.2	16.8

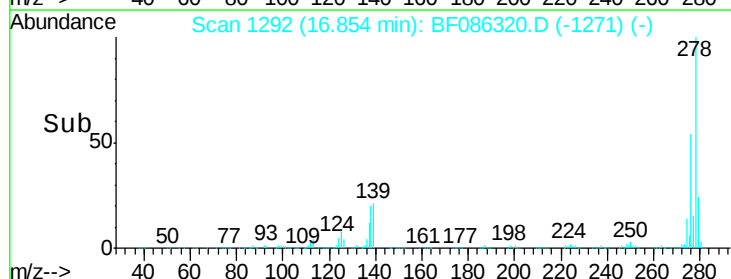
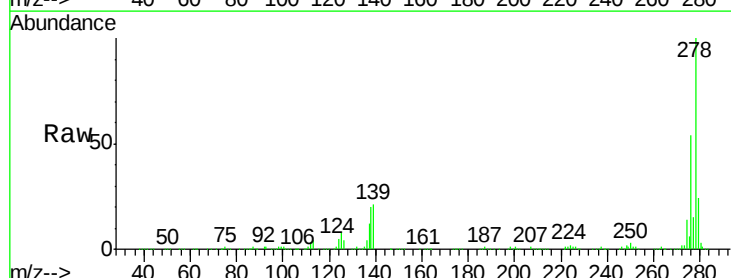
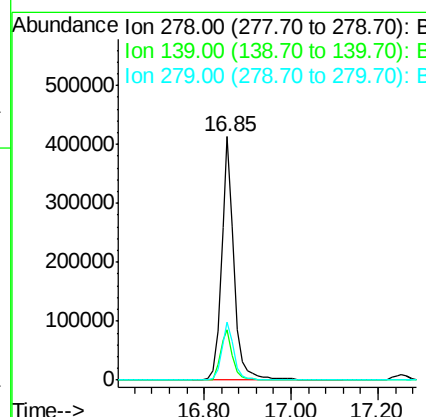
Manual Integrations
APPROVED

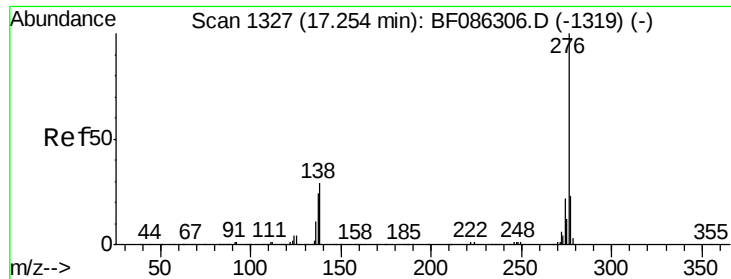
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.36 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.3	22.9
279	24.0	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 40.18 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.07 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	28.2	19.6	29.4

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