

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087648.D
 Acq On : 4 Jun 2016 3:21
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:17:51 PM

Quant Time: Jun 04 11:06:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 05:48:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117779	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	452885	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	223860	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	397786	20.00	ng	0.00
75) Chrysene-d12	14.02	240	310114	20.00	ng	0.00
86) Perylene-d12	15.44	264	254839	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	731844	107.99	ng	0.00
7) Phenol-d6	6.49	99	998336	109.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	995691	114.39	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	261381	122.15	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1477632	93.19	ng	0.00
78) Terphenyl-d14	12.97	244	1330242	94.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	208034	58.40	ng	# 27
3) Pyridine	3.20	79	539827	68.08	ng	99
4) n-Nitrosodimethylamine	3.16	42	236568	42.21	ng	99
6) Aniline	6.52	93	736166	62.19	ng	97
8) 2-Chlorophenol	6.65	128	488621	58.91	ng	86
9) Benzaldehyde	6.41	77	333331	62.26	ng	92
10) Phenol	6.50	94	510984	49.97	ng	84
11) bis(2-Chloroethyl)ether	6.60	93	448293	56.98	ng	92
12) 1,3-Dichlorobenzene	6.80	146	490582	54.35	ng	98
13) 1,4-Dichlorobenzene	6.88	146	468535	50.38	ng	98
14) 1,2-Dichlorobenzene	7.04	146	490611	56.99	ng	96
15) Benzyl Alcohol	7.00	79	362219	54.82	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	639011	37.49	ng	94
17) 2-Methylphenol	7.12	107	375774	56.01	ng	97
18) Hexachloroethane	7.38	117	184896	53.51	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	299059	45.64	ng	97
20) 3+4-Methylphenols	7.28	107	459431	57.52	ng	# 83
22) Acetophenone	7.28	105	527644	48.82	ng	# 83
24) Nitrobenzene	7.45	77	432329	46.60	ng	88
25) Isophorone	7.70	82	867322	54.86	ng	96
26) 2-Nitrophenol	7.77	139	256203	67.71	ng	# 74
27) 2,4-Dimethylphenol	7.80	122	435076	63.45	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	559773	61.92	ng	98
29) 2,4-Dichlorophenol	8.01	162	386165	64.11	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	369088	53.72	ng	98
31) Naphthalene	8.17	128	1199985	53.04	ng	100
32) Benzoic acid	7.94	122	264261	75.68	ng	99
33) 4-Chloroaniline	8.22	127	549061	64.99	ng	98
34) Hexachlorobutadiene	8.30	225	205997	50.13	ng	99
35) Caprolactam	8.62	113	134398	74.84	ng	# 77
36) 4-Chloro-3-methylphenol	8.71	107	414513	61.18	ng	86
37) 2-Methylnaphthalene	8.87	142	891711	62.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	314007	44.66	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	209673	85.34	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	261003	62.40	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	218242	51.18	nq #	91
45) 1,1'-Biphenyl	9.34	154	1043103	55.88	nq	95
46) 2-Chloronaphthalene	9.36	162	817952	57.31	nq	93
47) 2-Nitroaniline	9.45	65	269429	54.15	nq #	72
48) Acenaphthylene	9.77	152	1294322	56.80	nq	99
49) Dimethylphthalate	9.63	163	843199	47.29	nq	99
50) 2,6-Dinitrotoluene	9.69	165	188021	51.16	nq #	61
51) Acenaphthene	9.94	154	783858	55.30	nq	99
52) 3-Nitroaniline	9.86	138	262963	70.87	nq	92
53) 2,4-Dinitrophenol	9.96	184	103500	67.59	nq #	62
54) Dibenzofuran	10.11	168	1128579	58.52	nq	91
55) 4-Nitrophenol	10.01	139	202425	102.22	nq	93
56) 2,4-Dinitrotoluene	10.09	165	245413	50.45	nq #	62
57) Fluorene	10.46	166	847435	52.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	219177	67.21	nq #	51
59) Diethylphthalate	10.33	149	841244	48.69	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	311901	40.04	nq	95
61) 4-Nitroaniline	10.48	138	260546	73.29	nq	97
62) Azobenzene	10.60	77	881282	50.01	nq	96
65) n-Nitrosodiphenylamine	10.57	169	804071	62.88	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	222192	51.27	nq #	87
67) Hexachlorobenzene	10.99	284	253223	56.38	nq	93
68) Atrazine	11.10	200	231055	56.64	nq	93
69) Pentachlorophenol	11.19	266	165056	113.08	nq	100
70) Phenanthrene	11.42	178	1284205	59.02	nq	99
71) Anthracene	11.46	178	1092012	48.78	nq	99
72) Carbazole	11.61	167	1227718	64.60	nq	99
73) Di-n-butylphthalate	11.95	149	1190509	49.19	nq	99
74) Fluoranthene	12.59	202	1107240	50.36	nq	97
76) Benzidine	12.72	184	682743	77.10	nq	99
77) Pyrene	12.82	202	1139944	51.17	nq	99
79) Butylbenzylphthalate	13.45	149	578074	58.78	nq	90
80) Benzo(a)anthracene	14.01	228	926545	52.43	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	309129	33.70	nq #	97
82) Chrysene	14.05	228	931707	52.94	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	622966	44.42	nq	100
84) Di-n-octyl phthalate	14.63	149	1222610	56.45	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	885901	62.76	nq #	100
87) Benzo(b)fluoranthene	15.04	252	891233	55.13	nq #	97
88) Benzo(k)fluoranthene	15.07	252	862007m	60.96	nq	
89) Benzo(a)pyrene	15.39	252	852026	60.39	nq #	94
90) Dibenzo(a,h)anthracene	16.87	278	734590	61.35	nq	98
91) Benzo(g,h,i)perylene	17.27	276	745106	62.86	nq	99

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

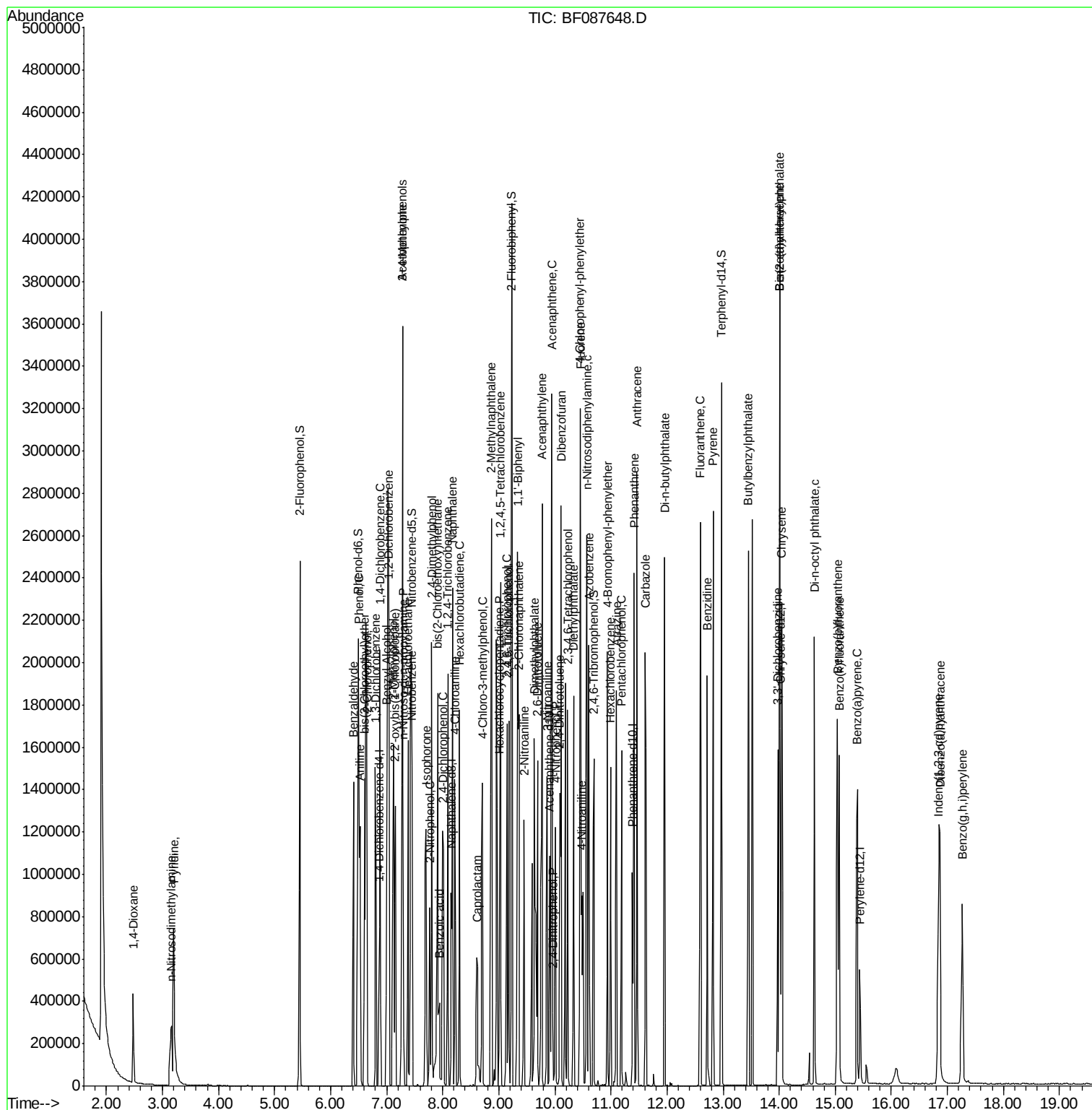
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
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Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 3 Sample Multiplier: 1
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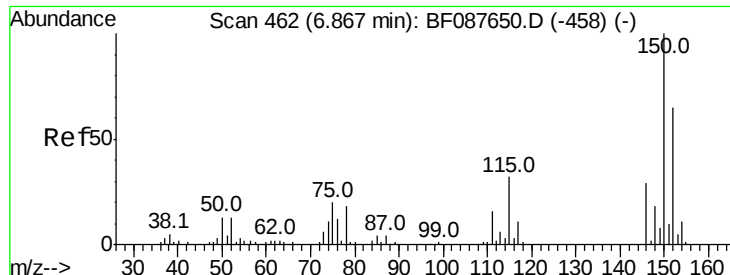
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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#1

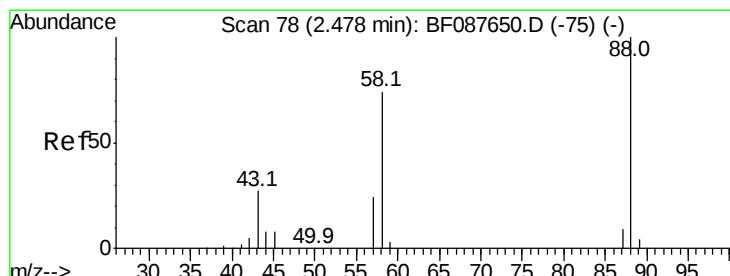
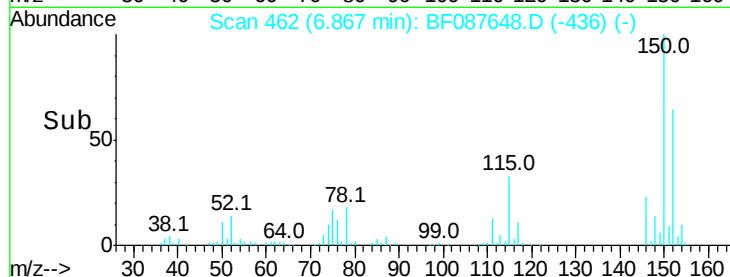
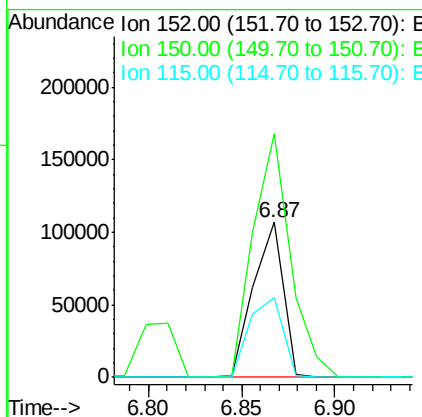
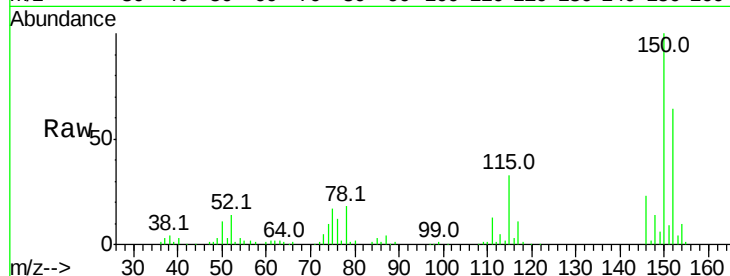
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	51.2	39.6	59.4

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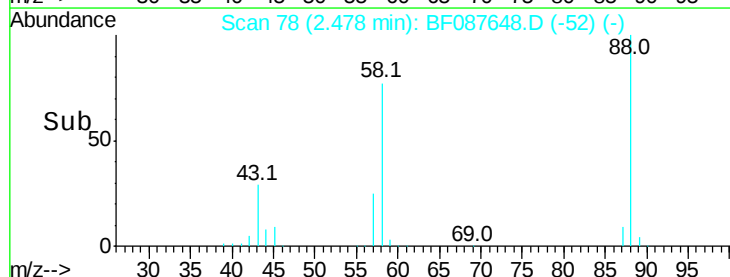
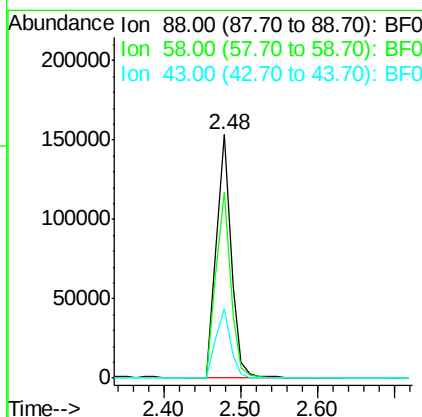
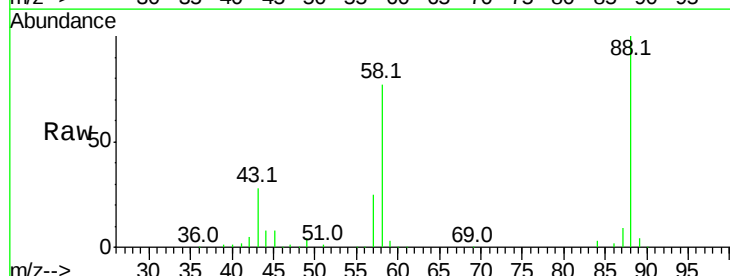
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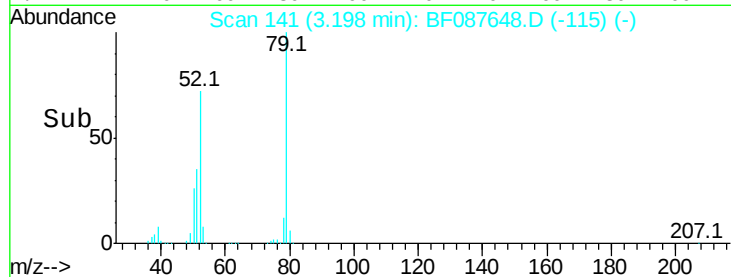
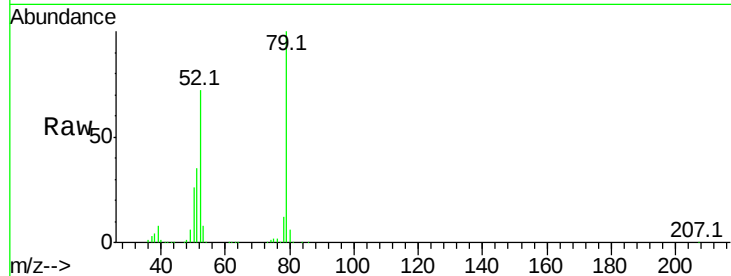
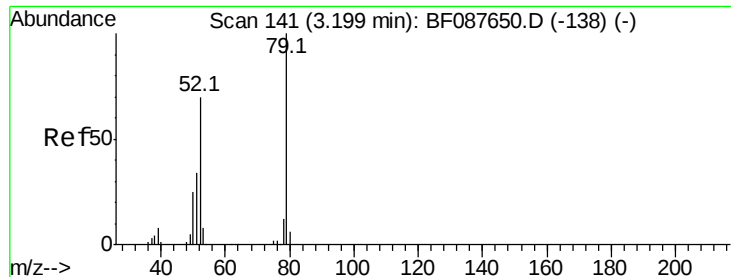


#2

1,4-Dioxane
Concen: 58.40 ng
RT: 2.48 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	0.0	0.0#
43	28.2	3.4	5.2#





#3

Pvridine

Concen: 68.08 ng

RT: 3.20 min Scan# 141

Delta R.T. -0.00 min

Lab File: BF087648.D

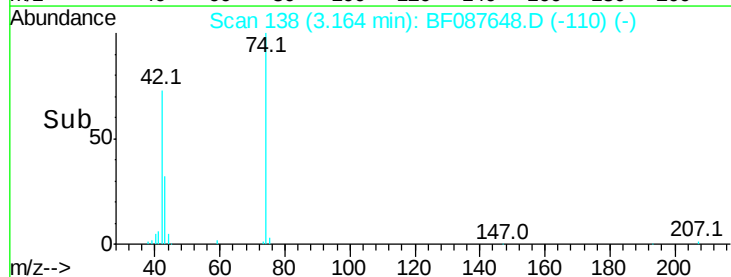
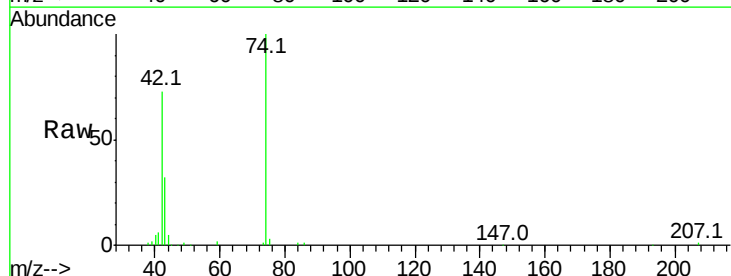
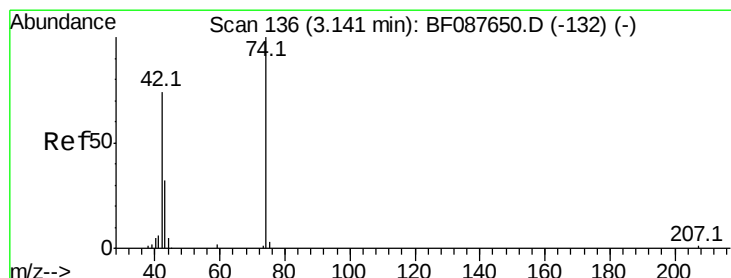
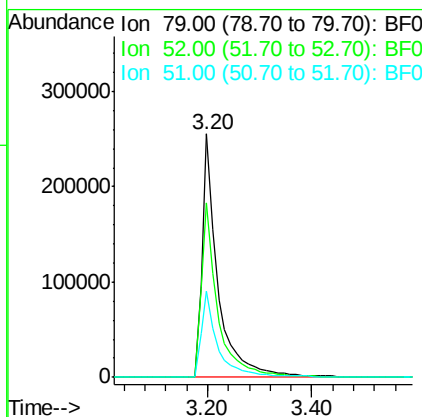
Acq: 4 Jun 2016 3:21

Tot Ion:	79	Resp:	539827
Ion Ratio	Lower	Upper	
79	100		
52	71.5	56.3	84.5
51	35.2	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.21 ng

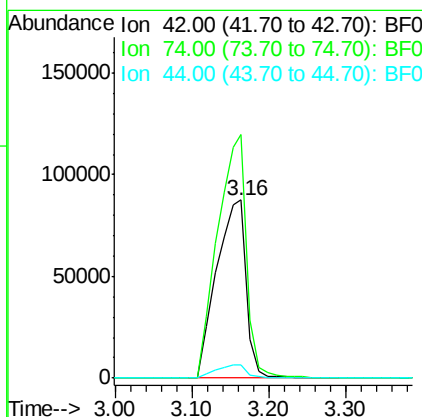
RT: 3.16 min Scan# 138

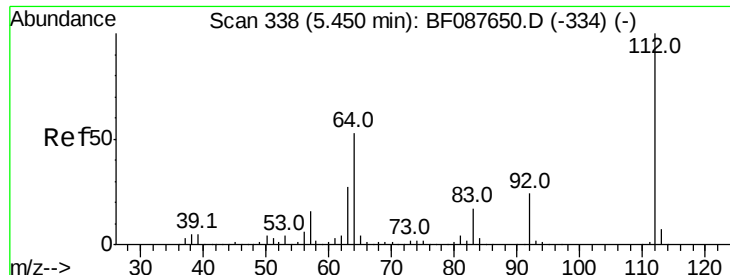
Delta R.T. 0.02 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	42	Resp:	236568
Ion Ratio	Lower	Upper	
42	100		
74	136.8	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 107.99 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

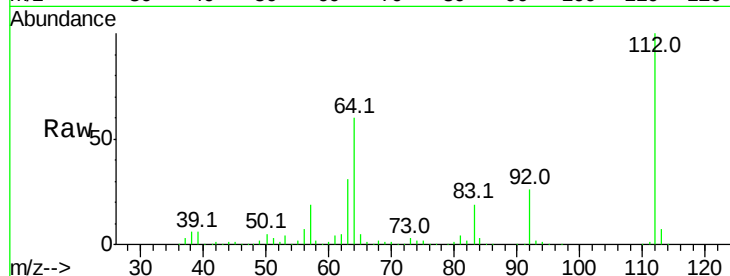
ClientSampleId :

SSTDIC060

Tot Ion:	112	Resp:	731844
Ion Ratio	Lower	Upper	
112	100		
64	59.5	42.2	63.2
63	30.9	21.8	32.8

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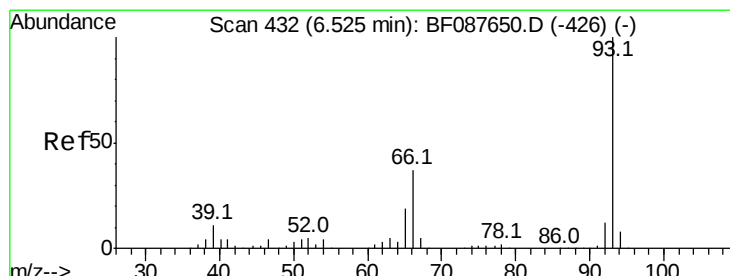
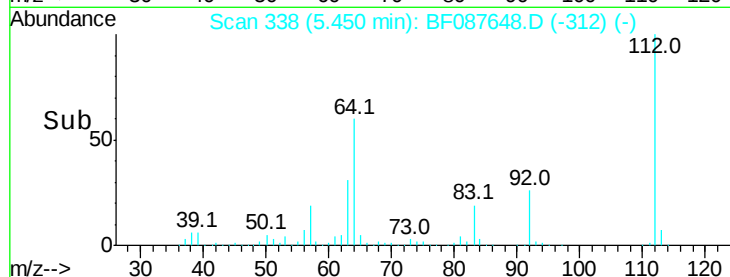
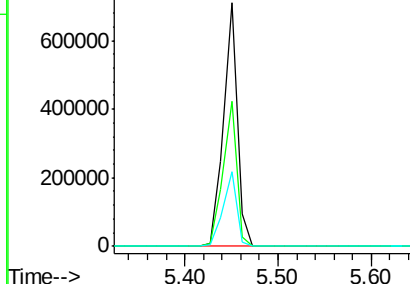
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 62.19 ng

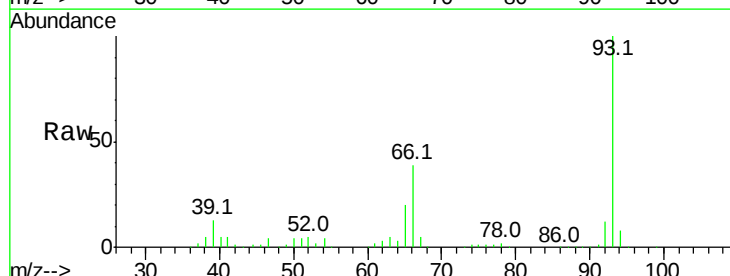
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

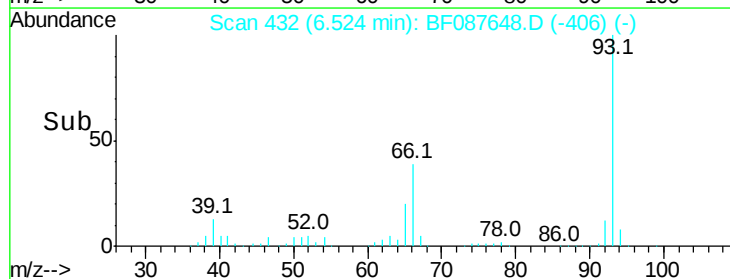
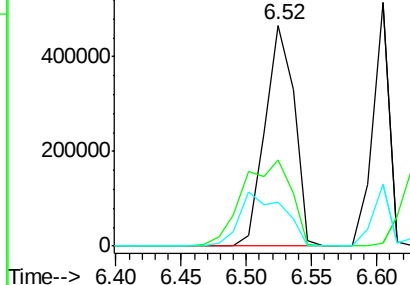
Tgt Ion:	93	Resp:	736166
Ion Ratio	Lower	Upper	
93	100		
66	38.9	29.8	44.8
65	20.0	14.9	22.3

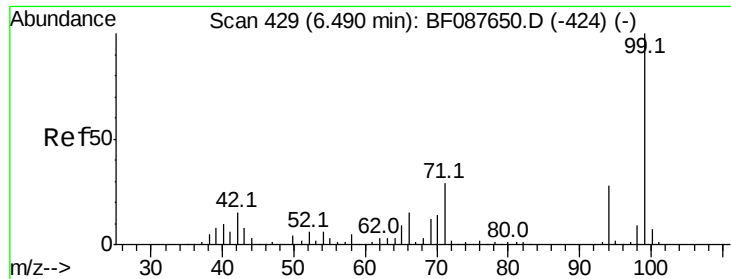


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.65 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

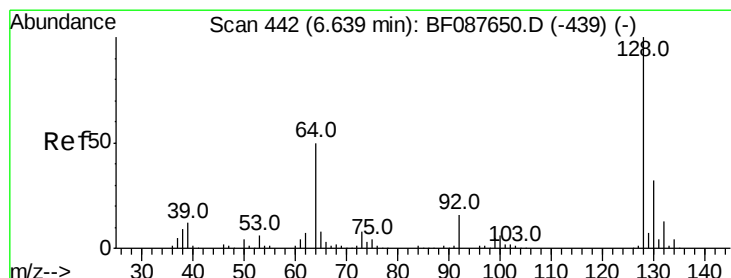
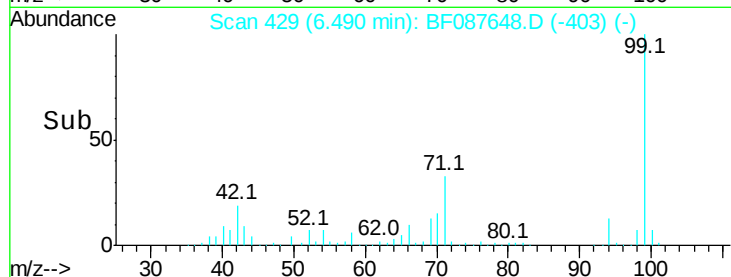
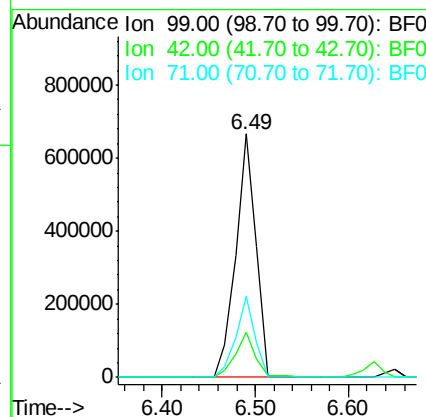
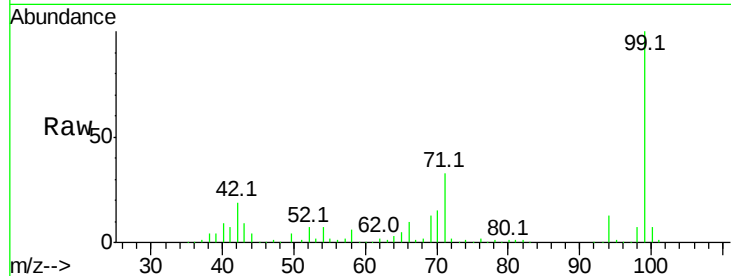
ClientSampleId :

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Tot Ion:	99	Resp:	998336
Ion Ratio	Lower	Upper	
99	100		
42	18.8	12.2	18.2#
71	33.4	23.4	35.0

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#8

2-Chlorophenol

Concen: 58.91 ng

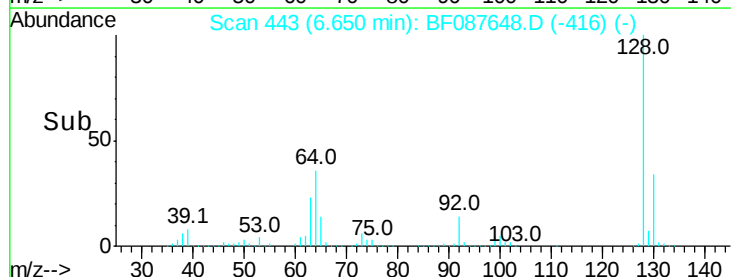
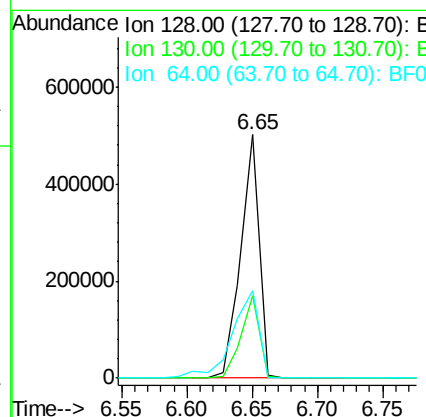
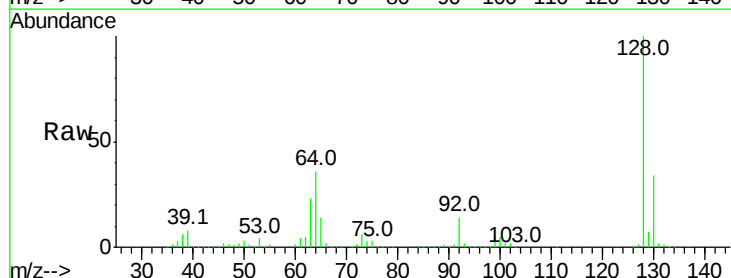
RT: 6.65 min Scan# 443

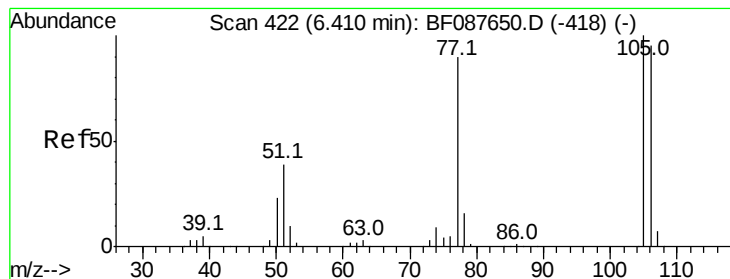
Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	128	Resp:	488621
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.0	52.0
64	35.9	30.8	70.8





#9

Benzaldehyde

Concen: 62.26 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

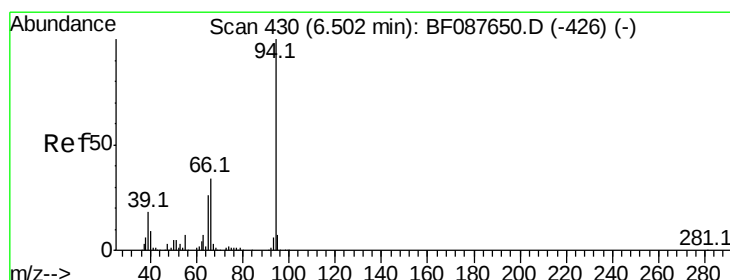
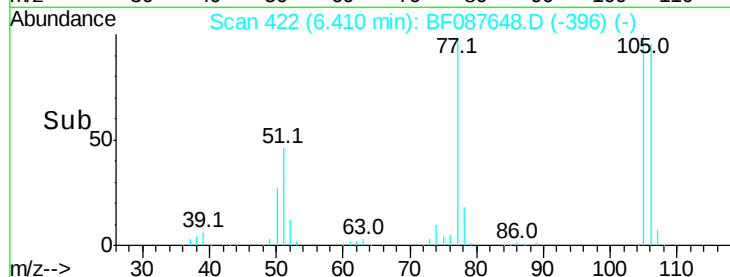
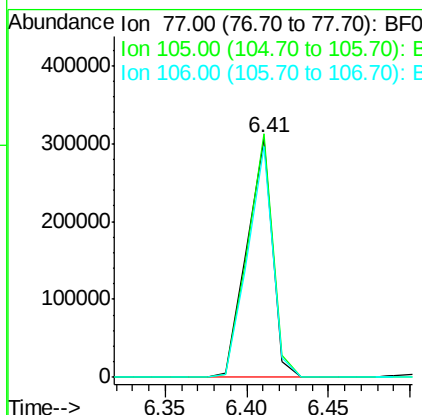
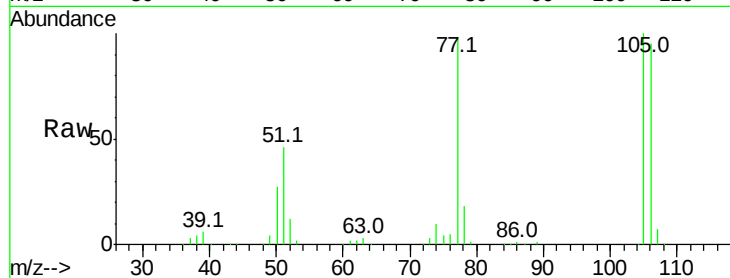
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	333331
Ion Ratio	Lower	Upper	
77	100		
105	101.9	90.6	130.6
106	96.9	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 49.97 ng

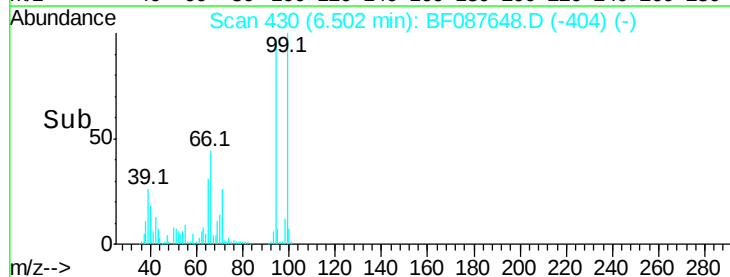
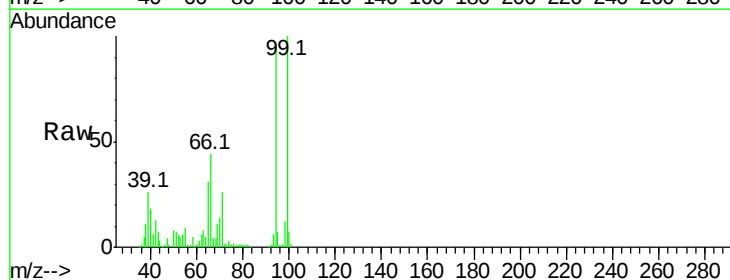
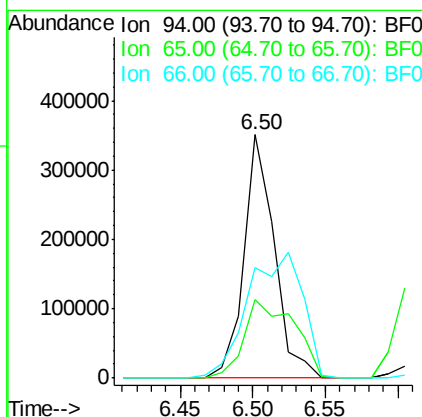
RT: 6.50 min Scan# 430

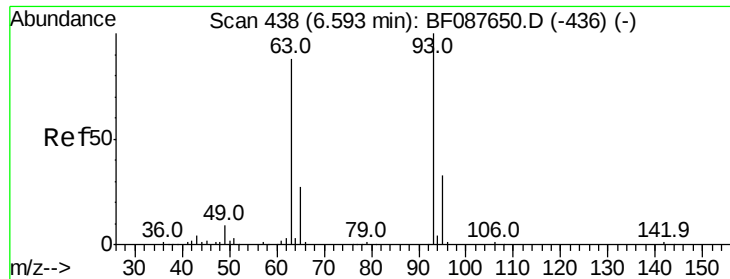
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	94	Resp:	510984
Ion Ratio	Lower	Upper	
94	100		
65	32.2	5.9	45.9
66	45.2	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 56.98 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

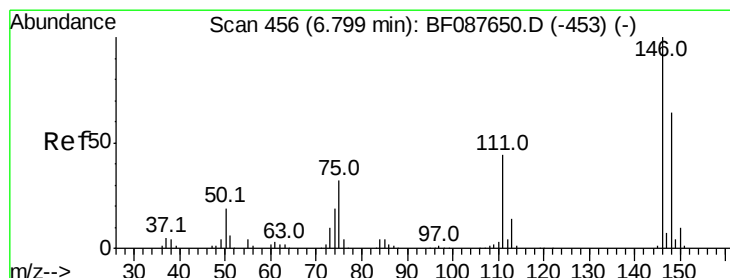
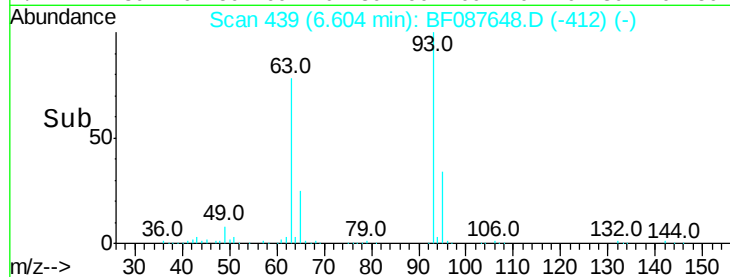
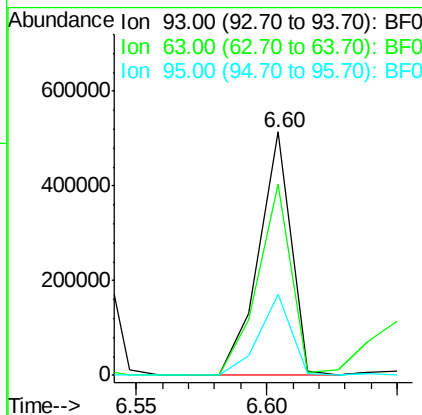
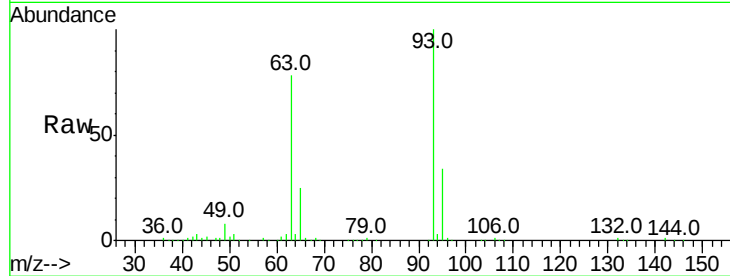
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	448293
Ion Ratio	Lower	Upper	
93	100		
63	78.5	67.6	107.6
95	33.5	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 54.35 ng

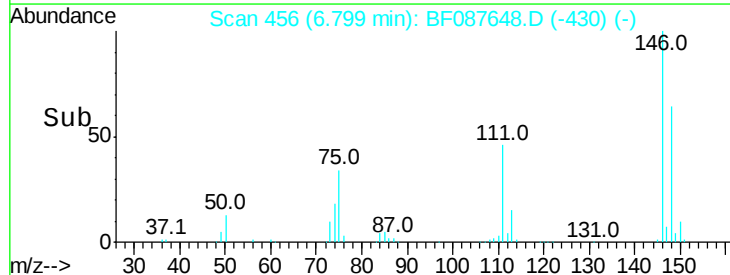
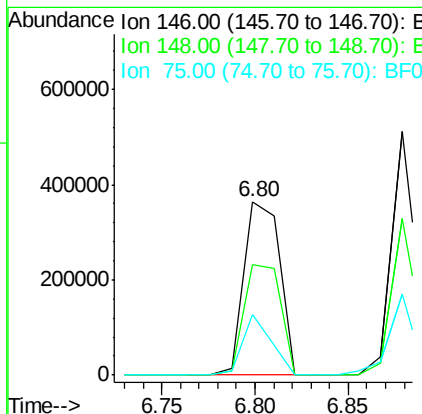
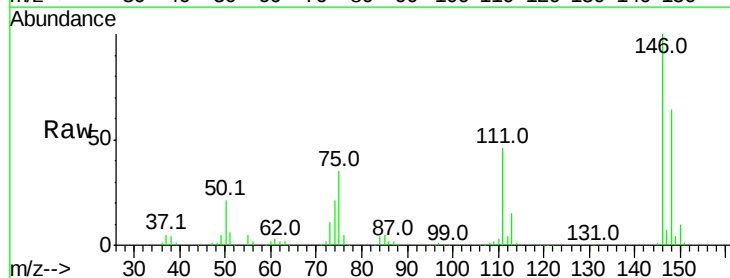
RT: 6.80 min Scan# 456

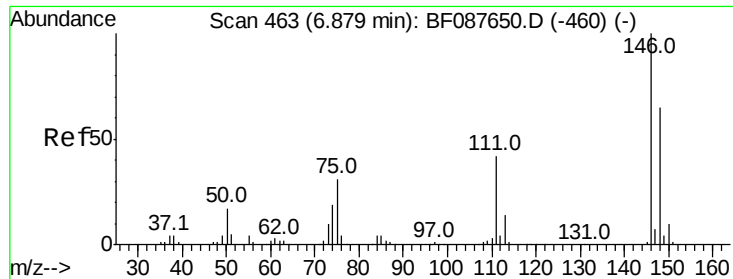
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	146	Resp:	490582
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.9	76.3
75	35.0	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 50.38 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:146 Resp: 468535

Ion Ratio Lower Upper

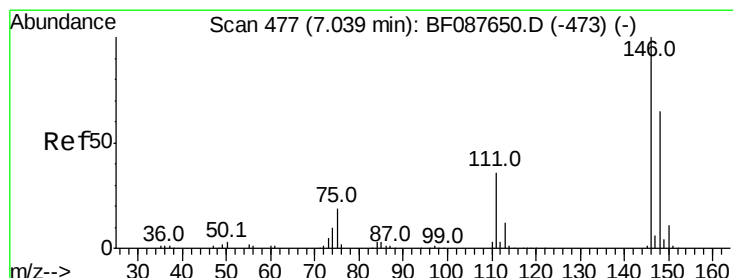
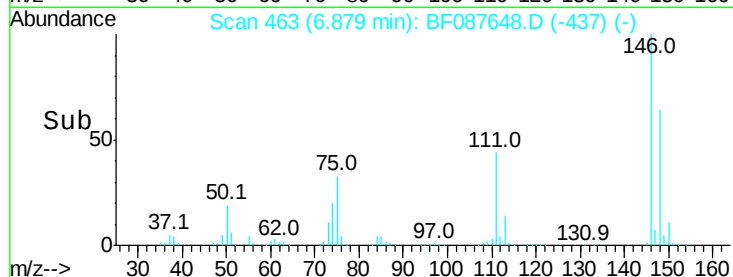
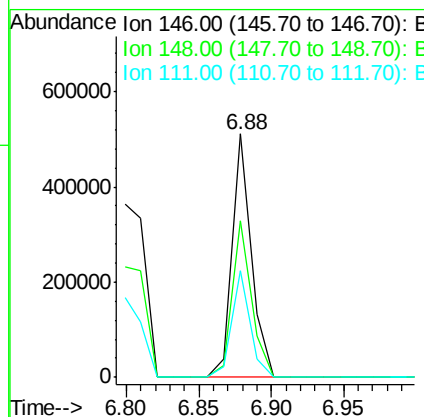
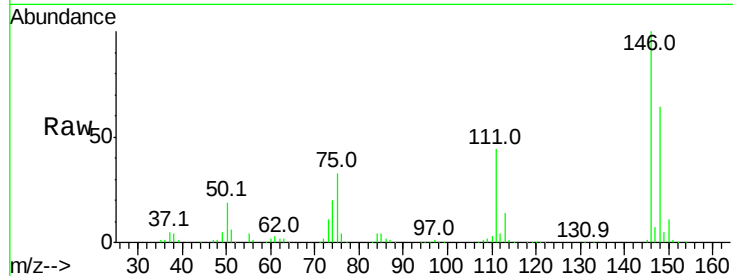
146 100

148 64.2 52.0 78.0

111 43.7 33.8 50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 56.99 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

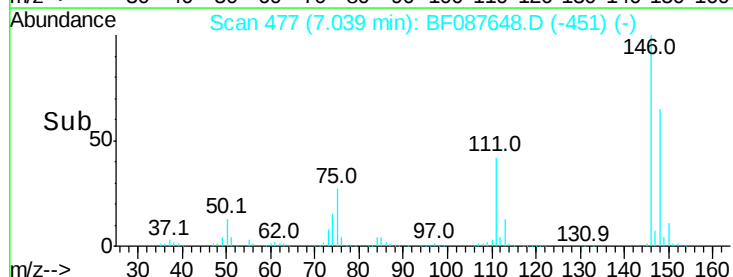
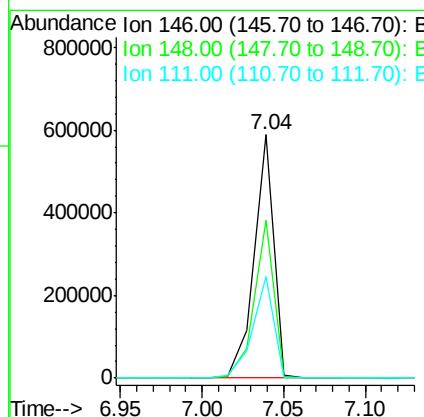
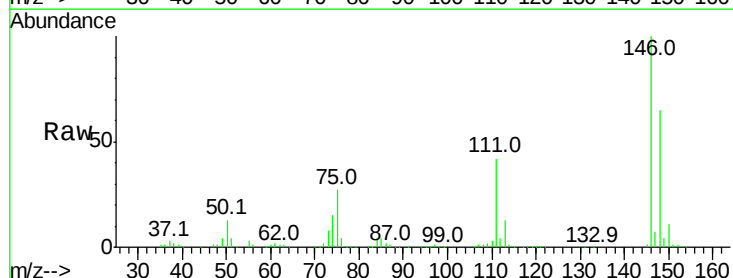
Tgt Ion:146 Resp: 490611

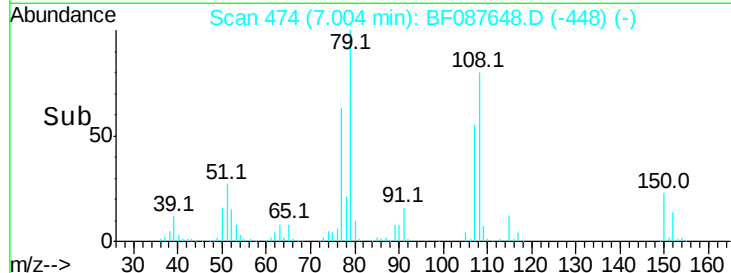
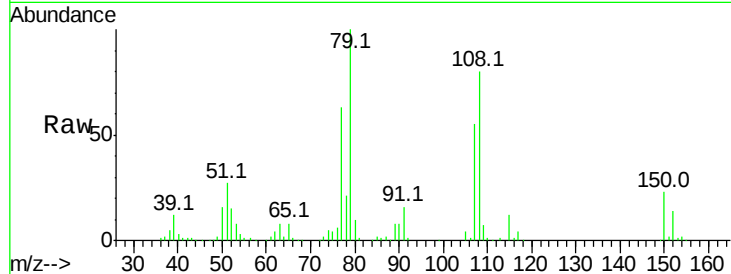
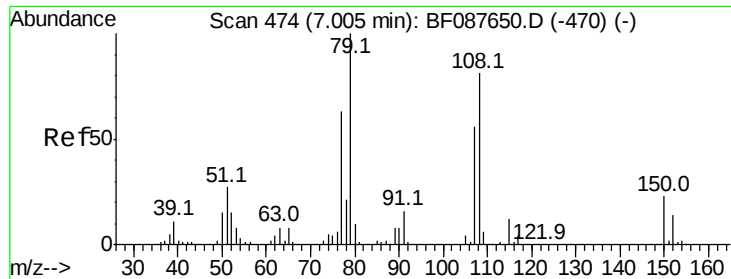
Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

111 41.7 28.7 43.1





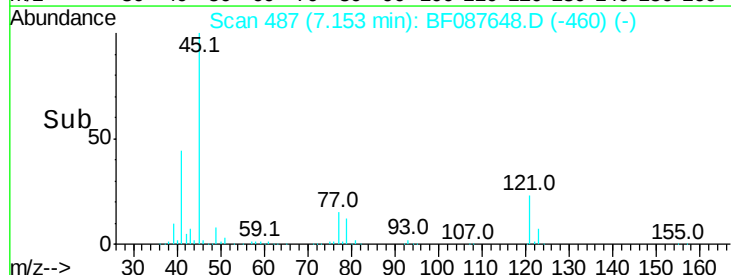
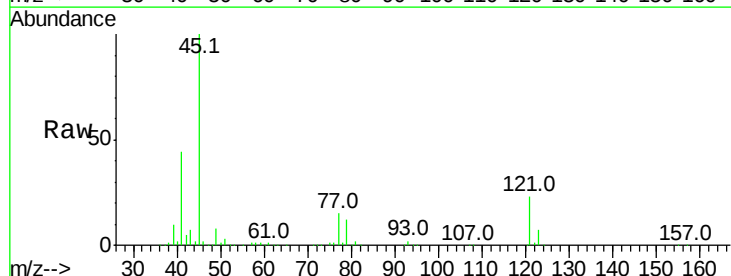
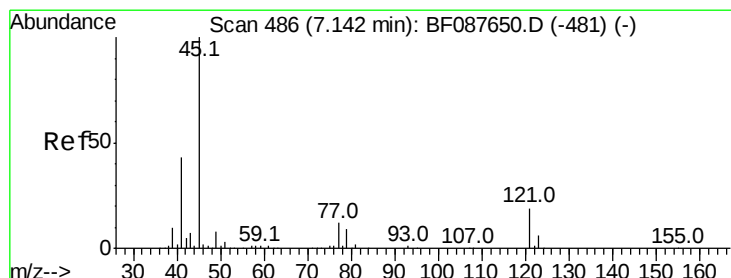
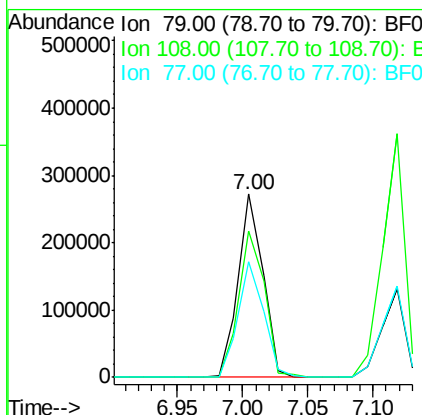
#15
Benzyl Alcohol
Concen: 54.82 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	65.0	97.6
77	62.9	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

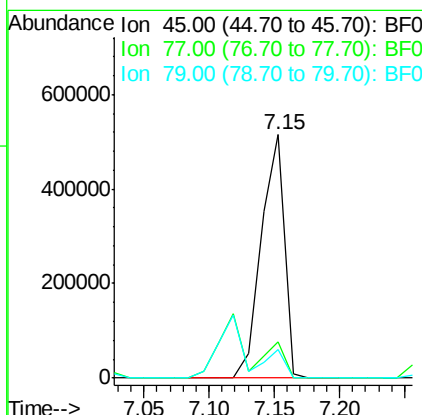
Manual Integrations
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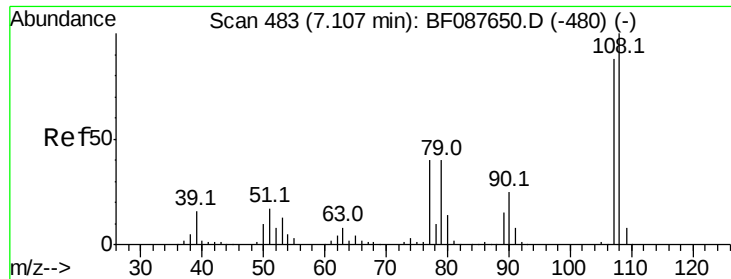
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.49 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.5
79	11.9	0.0	29.5





#17

2-Methylphenol

Concen: 56.01 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

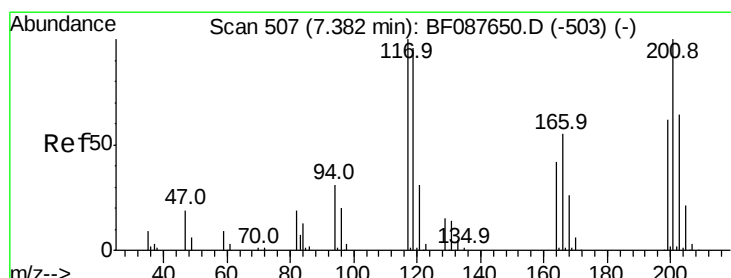
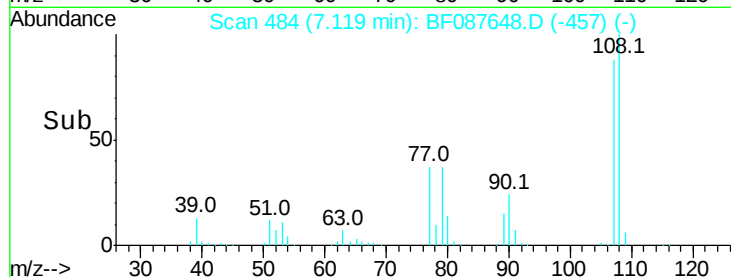
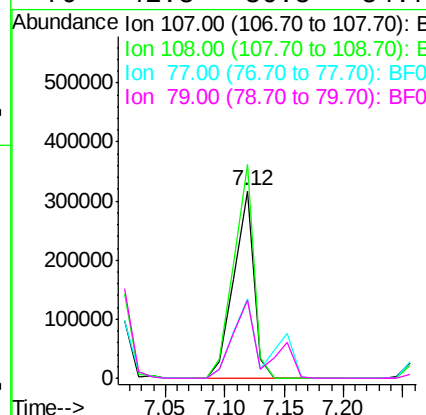
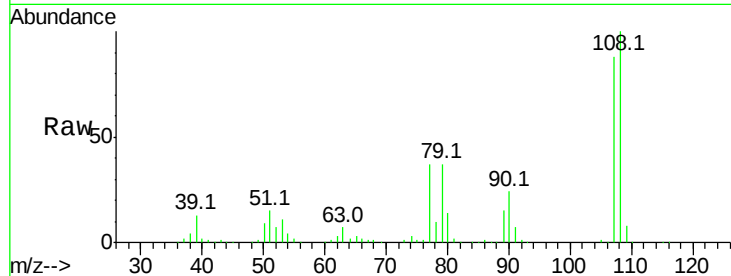
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		375774		
108	113.9	90.9	136.3		
77	42.6	36.6	55.0		
79	41.8	36.5	54.7		

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#18

Hexachloroethane

Concen: 53.51 ng

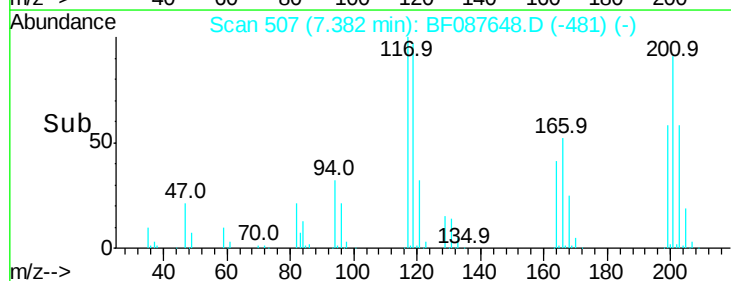
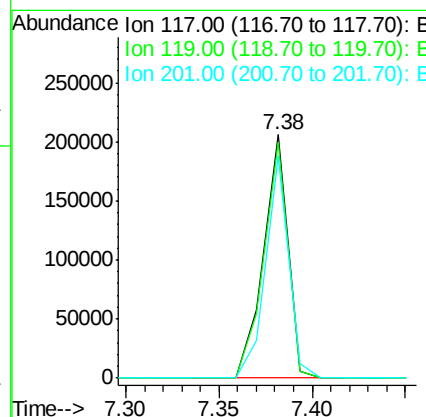
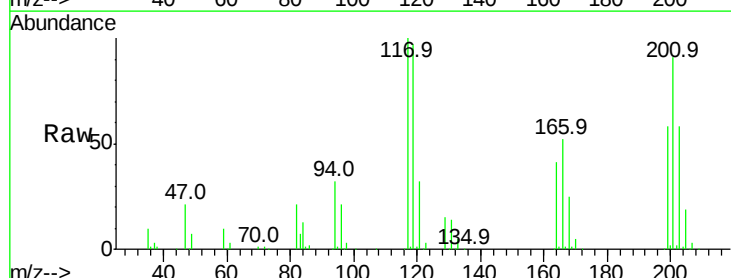
RT: 7.38 min Scan# 507

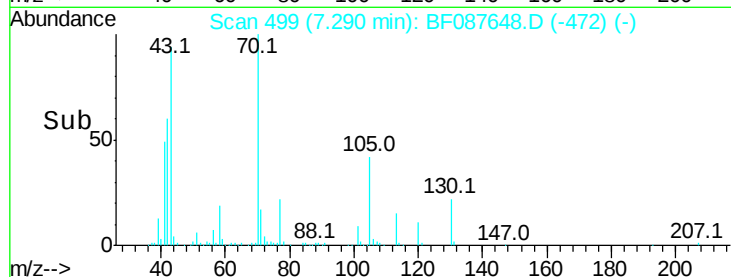
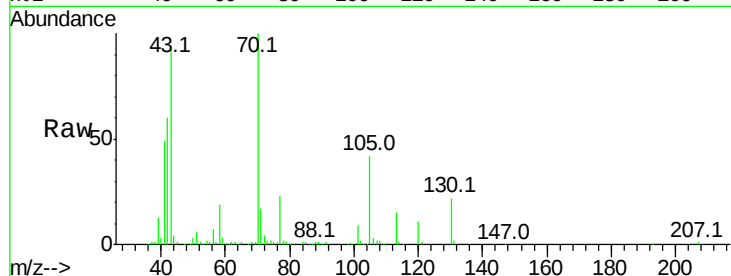
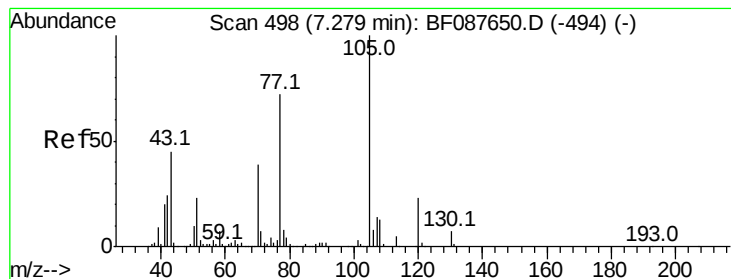
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		184896		
119	97.1	77.4	116.2		
201	91.3	80.4	120.6		





#19

n-Nitroso-di-n-propylamine

Concen: 45.64 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 70 Resp: 299059

Ion Ratio Lower Upper

70 100

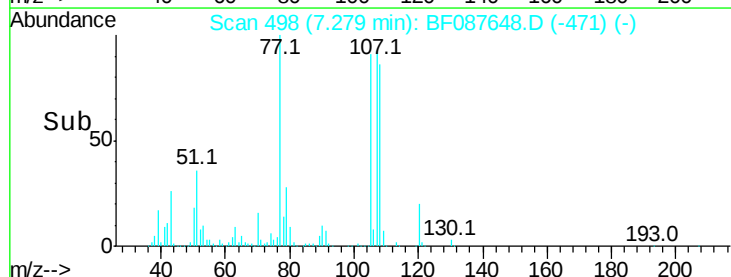
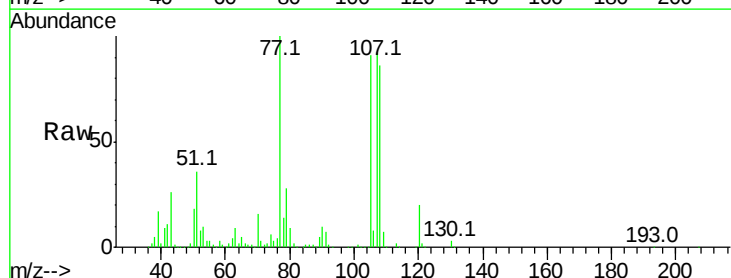
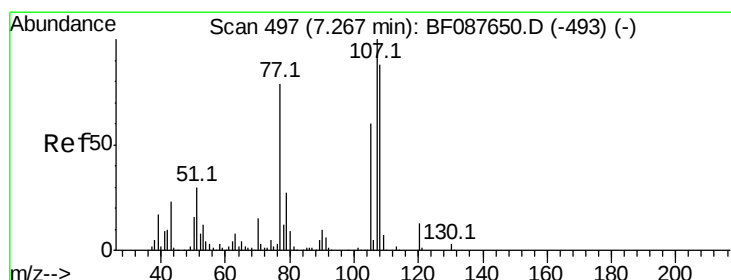
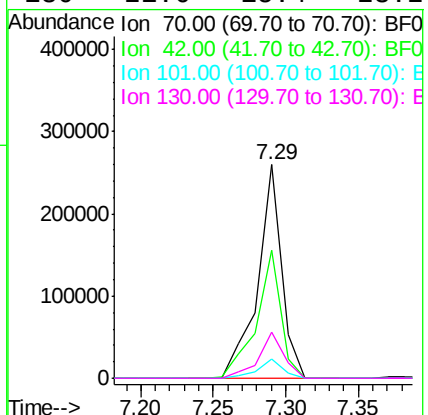
42 60.2 49.6 74.4

101 9.2 7.1 10.7

130 21.6 15.4 23.2

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#20

3+4-Methylphenols

Concen: 57.52 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion: 107 Resp: 459431

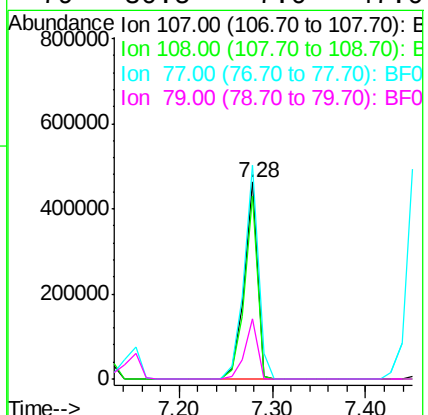
Ion Ratio Lower Upper

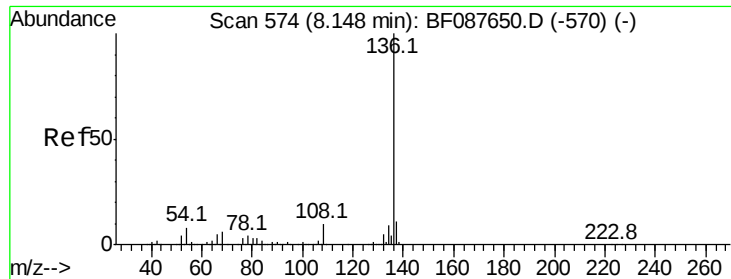
107 100

108 93.4 67.8 107.8

77 108.6 59.3 99.3#

79 30.5 7.0 47.0





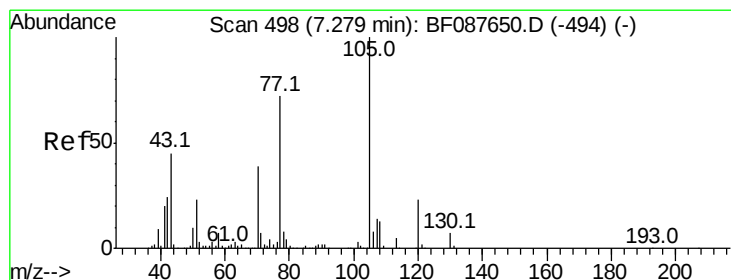
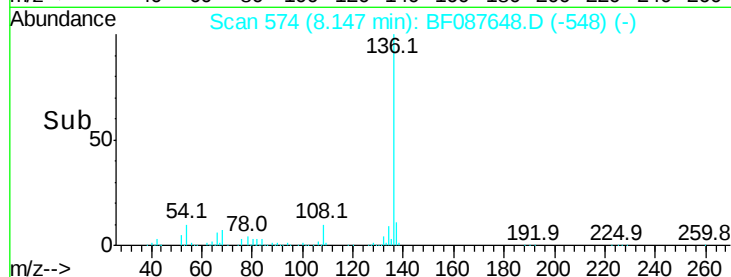
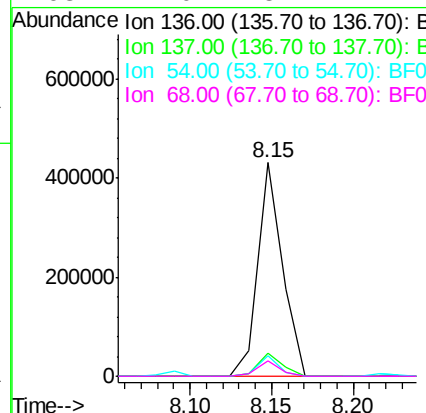
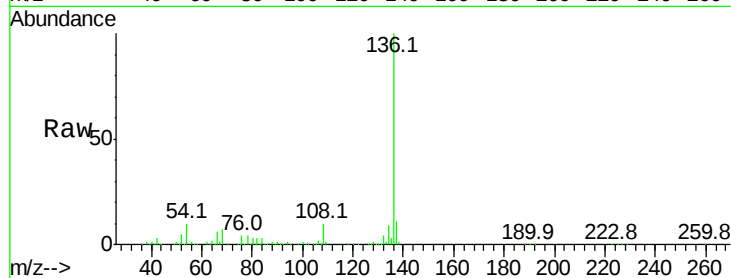
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.5	6.6	10.0	
68	7.0	5.1	7.7	

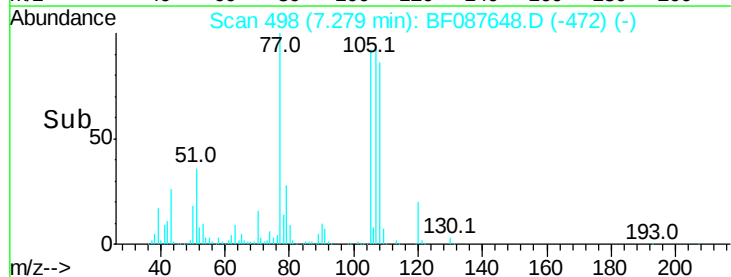
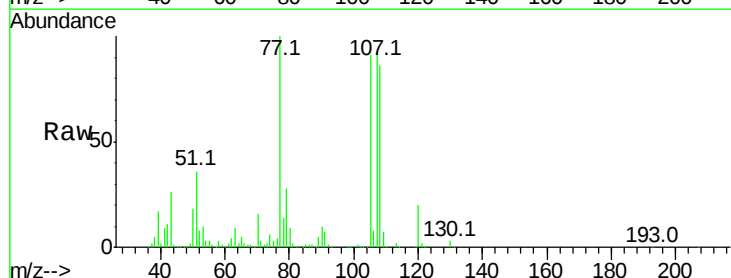
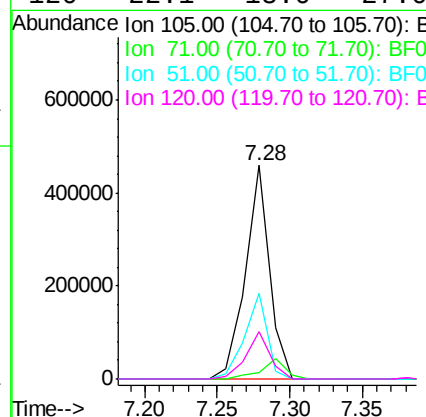
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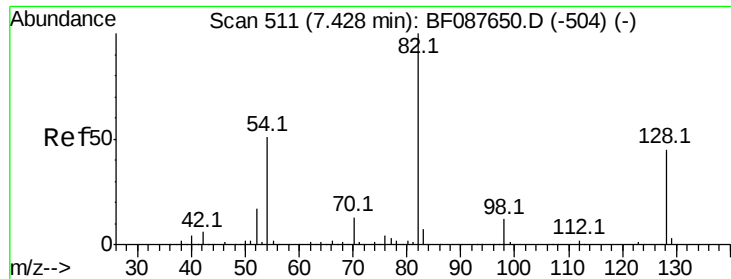
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#22
Acetophenone
Concen: 48.82 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	5.3	7.9#	
51	39.9	18.2	27.4#	
120	22.1	18.0	27.0	





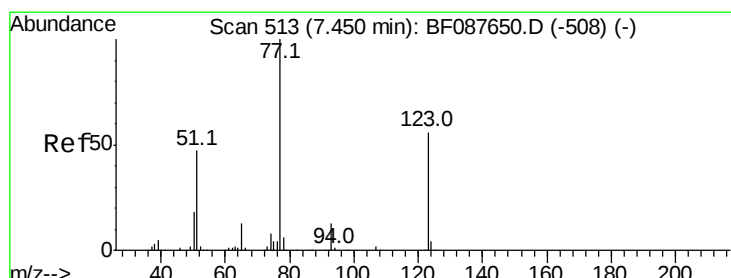
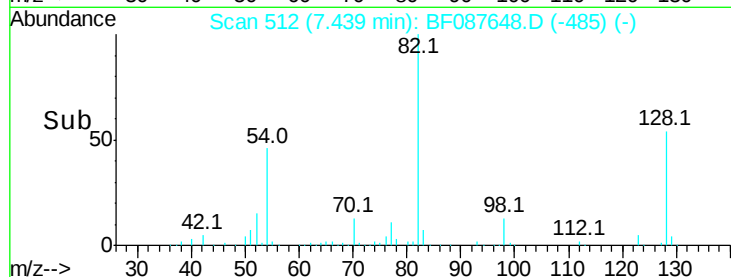
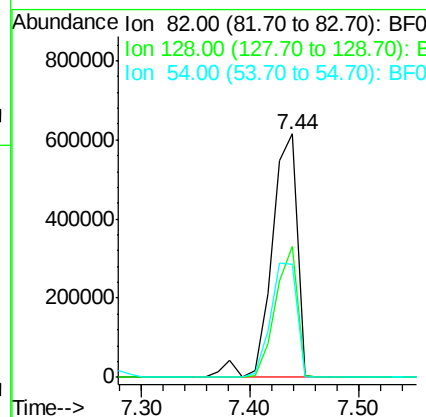
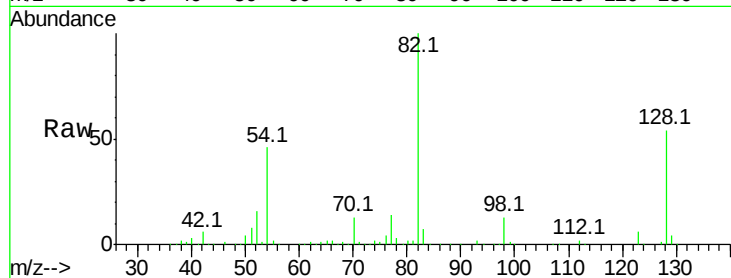
#23
 Nitrobenzene-d5
 Concen: 114.39 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.9	35.9	53.9#
54	46.4	40.9	61.3

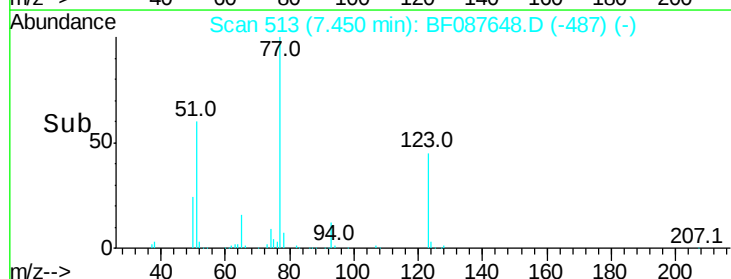
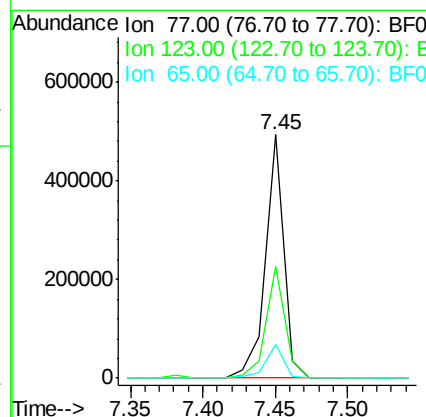
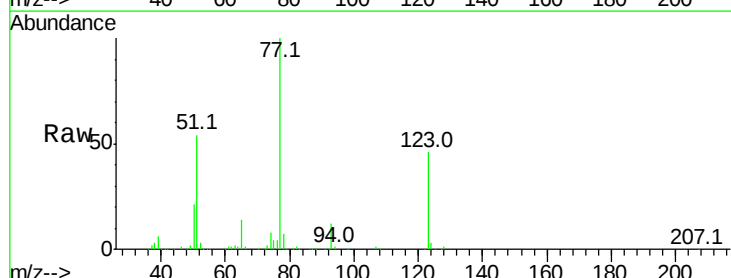
Manual Integrations
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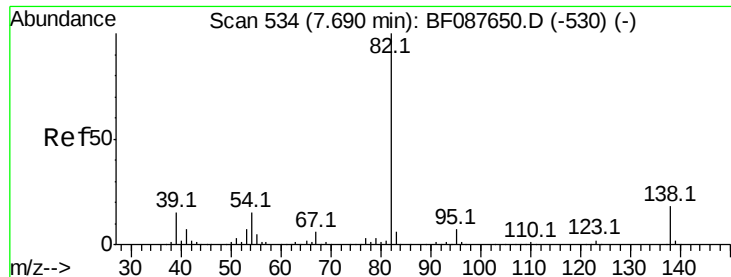
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#24
 Nitrobenzene
 Concen: 46.60 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	45.0	67.4
65	13.9	10.2	15.2





#25

Isophorone

Concen: 54.86 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

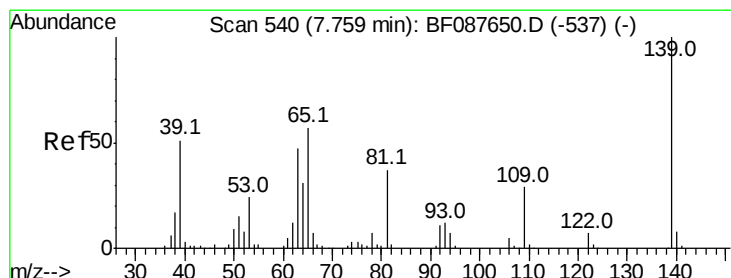
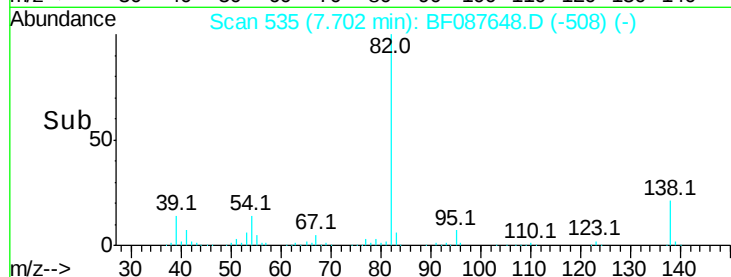
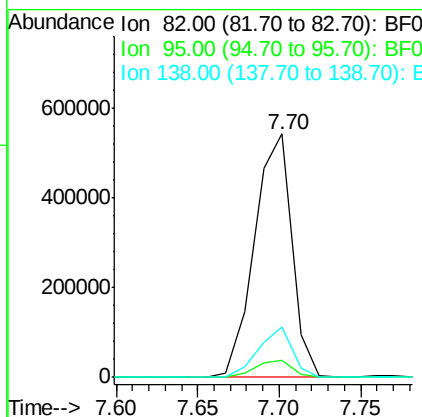
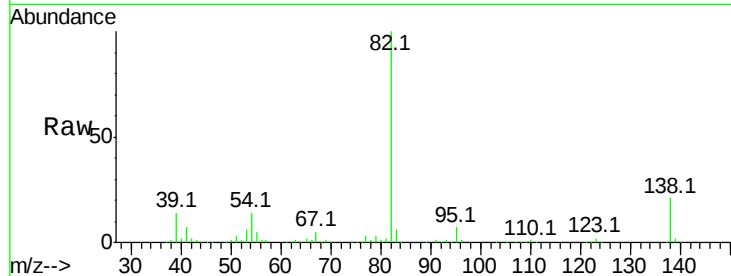
ClientSampleId :

SSTDIC060

Tot Ion:	82	Resp:	867322
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	20.6	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 67.71 ng

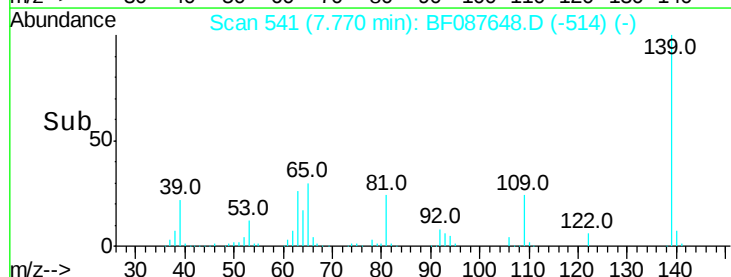
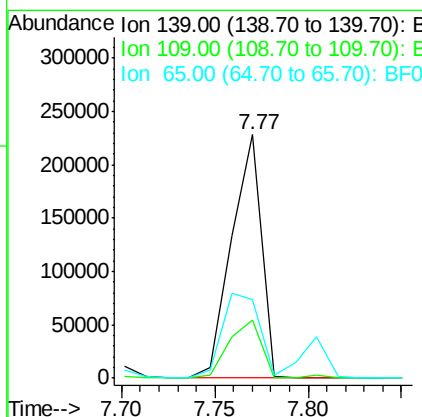
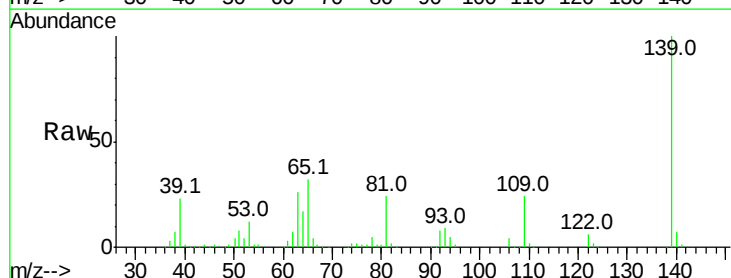
RT: 7.77 min Scan# 541

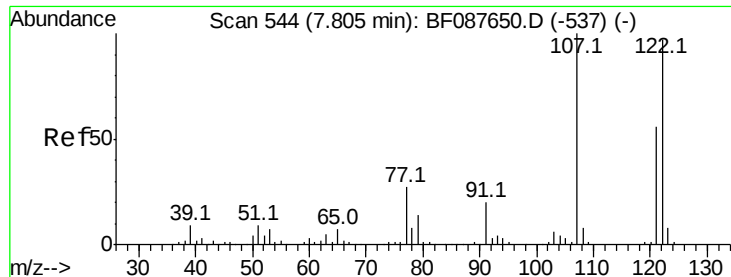
Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	139	Resp:	256203
Ion Ratio	Lower	Upper	
139	100		
109	23.8	23.0	34.4
65	32.1	45.8	68.8#





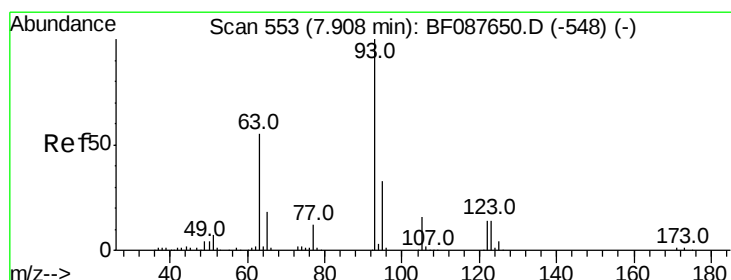
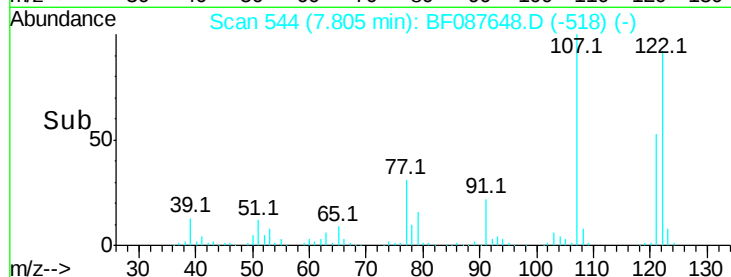
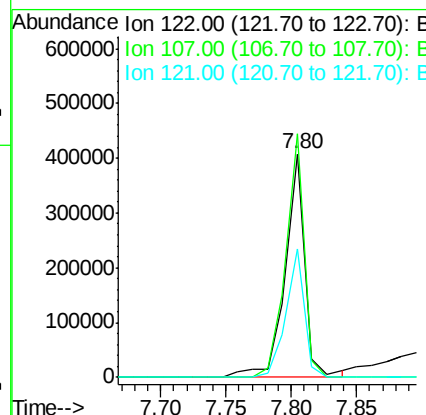
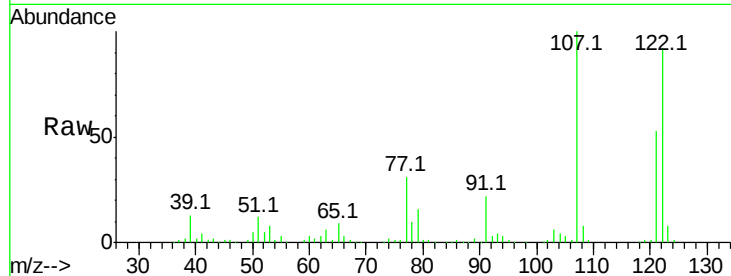
#27
2,4-Dimethylphenol
Concen: 63.45 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	435076		
107	109.0	82.4	123.6	
121	57.7	46.3	69.5	

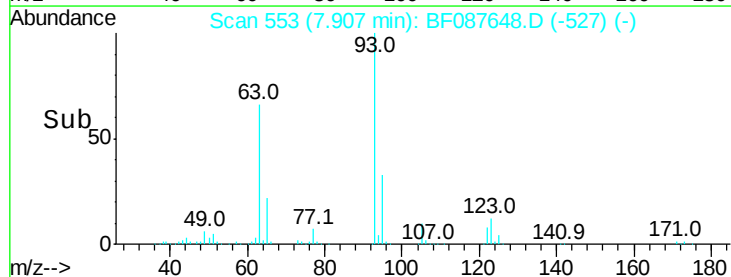
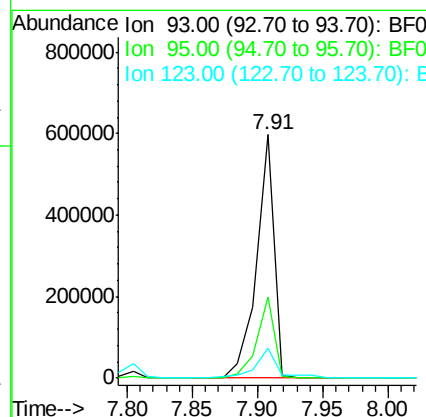
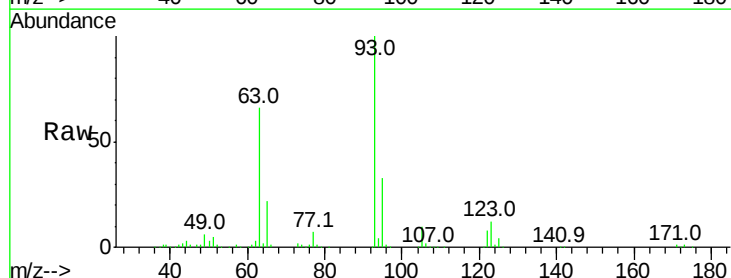
Manual Integrations
APPROVED

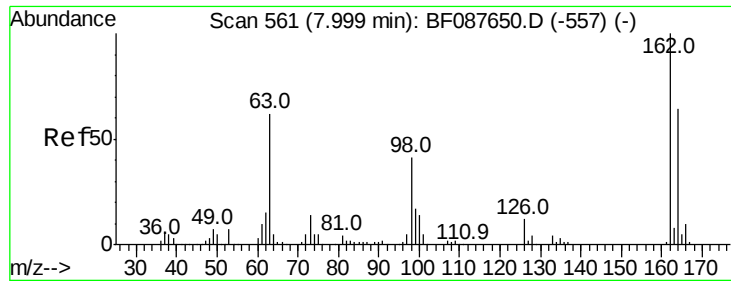
SOHIL
6/6/2016 7:17:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 61.92 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	559773		
95	33.2	26.5	39.7	
123	12.2	11.6	17.4	





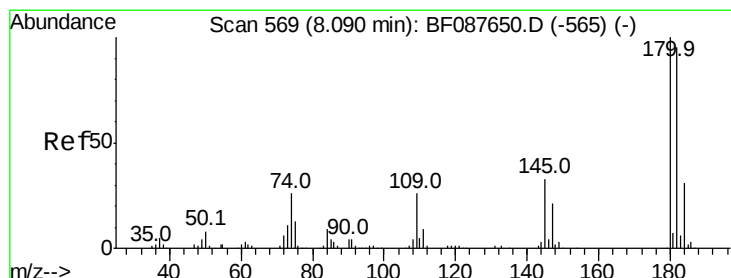
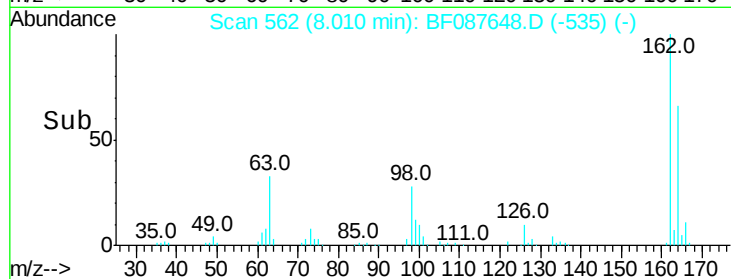
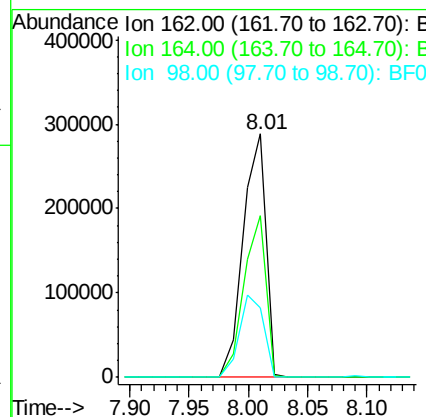
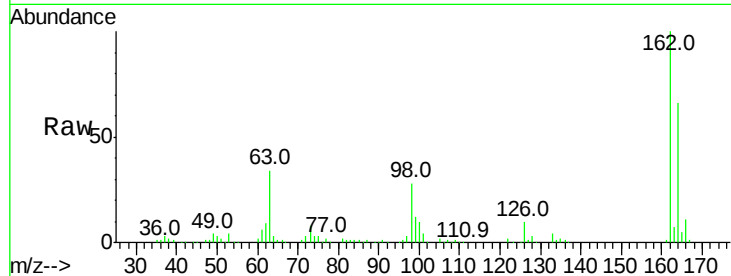
#29
 2,4-Dichlorophenol
 Concen: 64.11 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	162	Resp:	386165
Ion Ratio	Lower	Upper	
162	100		
164	66.4	43.8	83.8
98	28.4	21.3	61.3

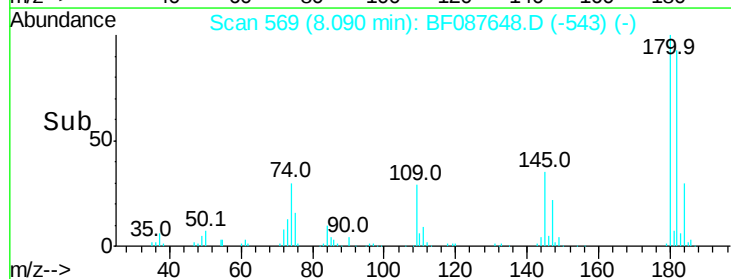
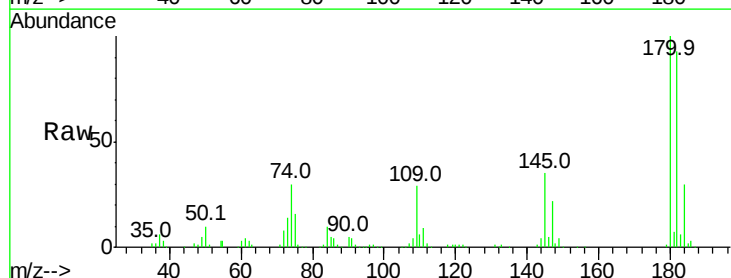
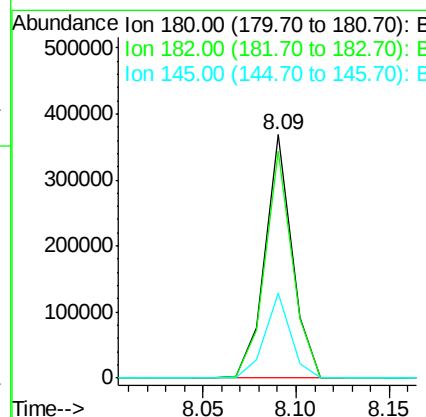
Manual Integrations
 APPROVED

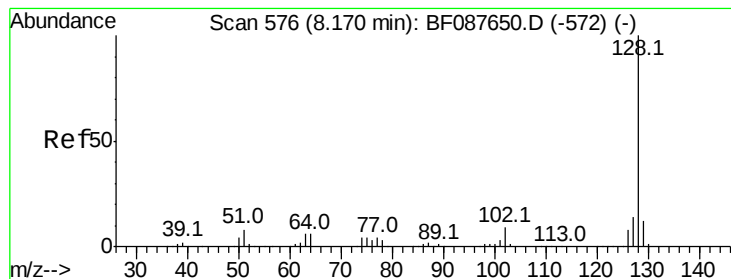
SOHIL
 6/6/2016 7:17:51 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 53.72 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion:	180	Resp:	369088
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.0	114.0
145	35.1	26.5	39.7





#31

Naphthalene

Concen: 53.04 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 1199985

Ion Ratio Lower Upper

128 100

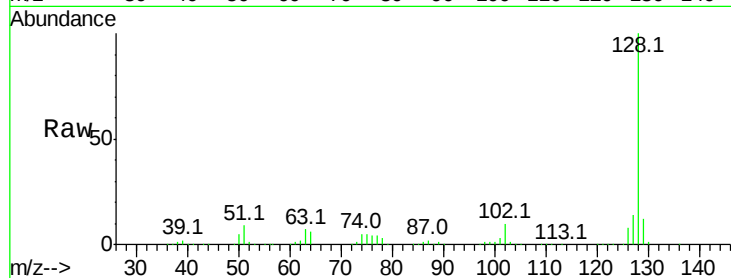
129 11.8 9.4 14.2

127 13.6 10.9 16.3

Manual Integrations
APPROVED

SOHIL

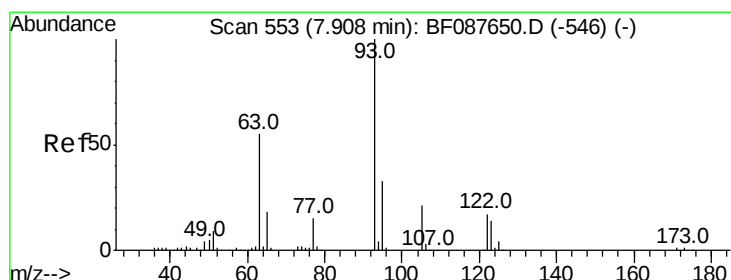
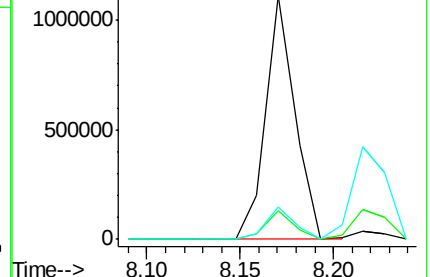
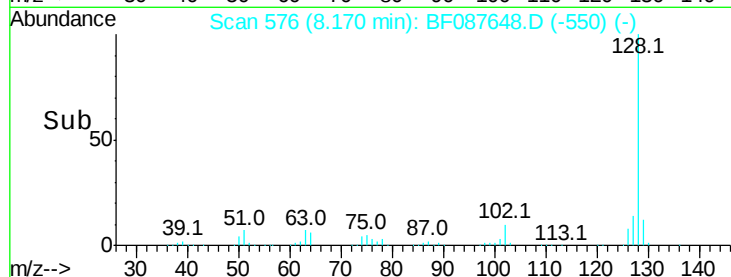
6/6/2016 7:17:51 PM



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: 75.68 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.03 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

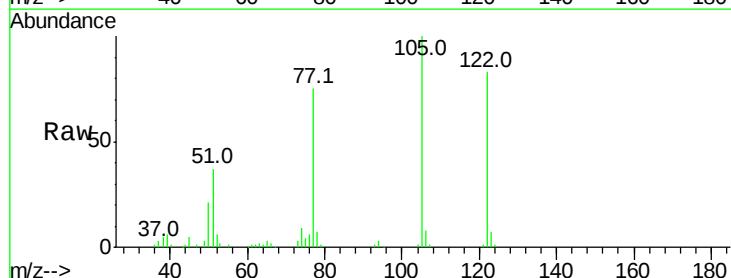
Tgt Ion:122 Resp: 264261

Ion Ratio Lower Upper

122 100

105 120.3 101.6 141.6

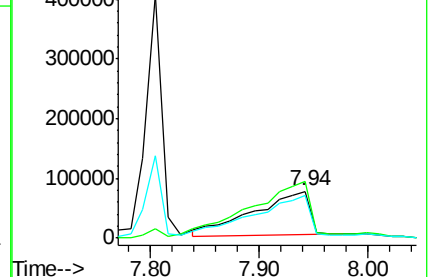
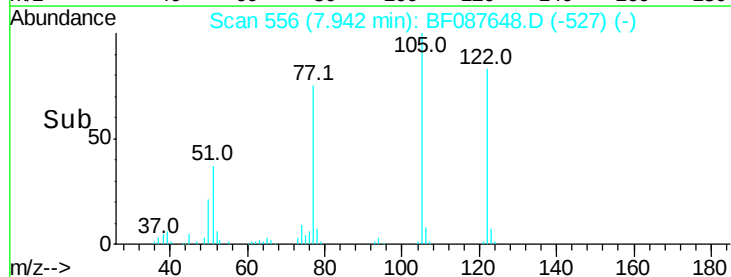
77 90.2 70.6 110.6

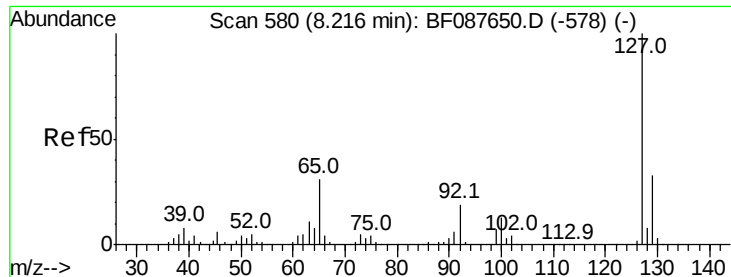


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





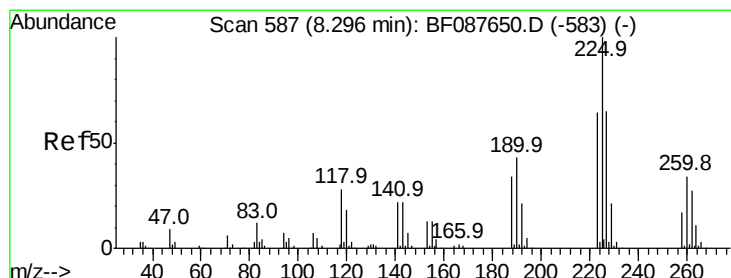
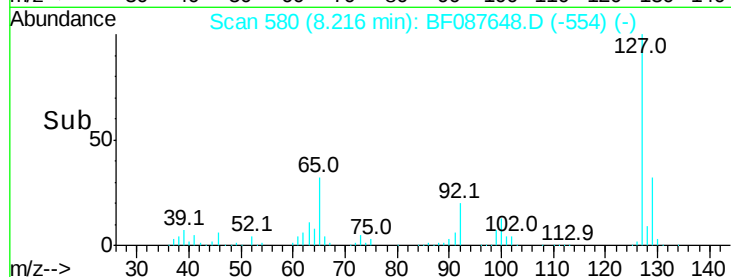
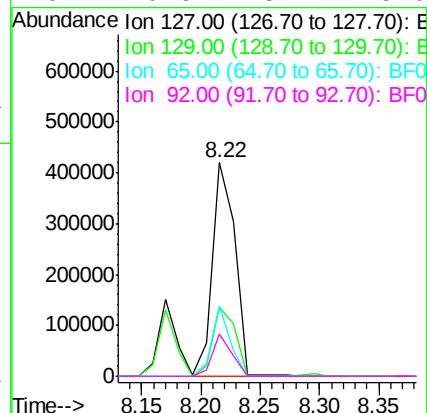
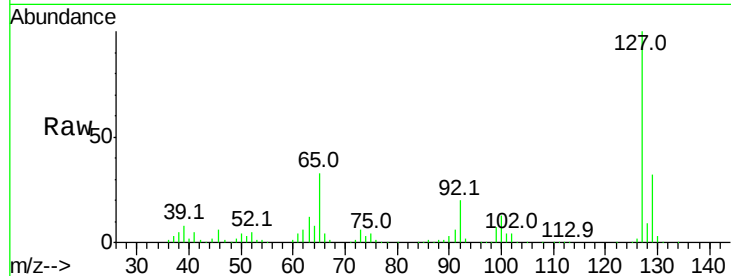
#33
4-Chloroaniline
Concen: 64.99 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	32.9	24.7	37.1	
92	19.5	15.4	23.0	

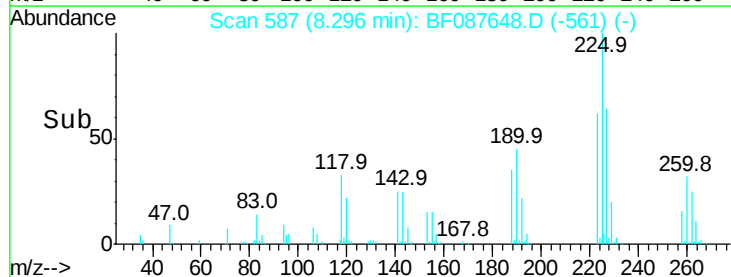
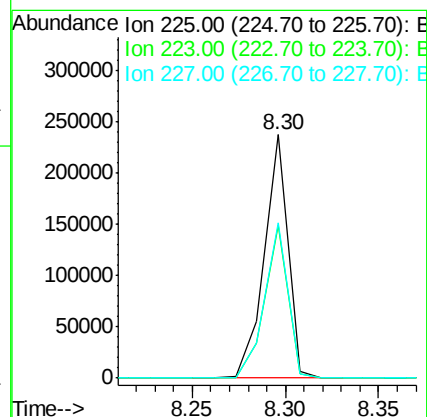
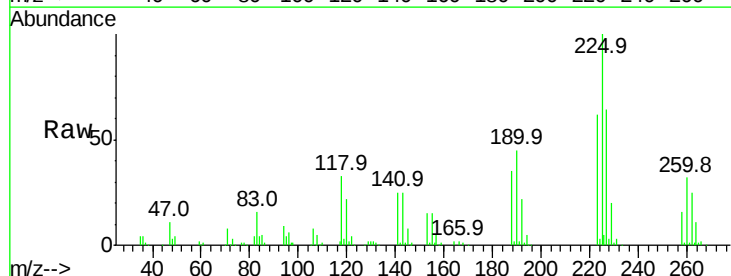
Manual Integrations
APPROVED

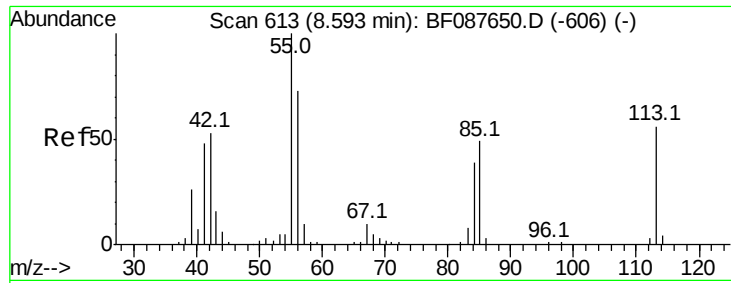
SOHIL
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#34
Hexachlorobutadiene
Concen: 50.13 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.9	76.3	
227	63.9	51.9	77.9	





#35

Caprolactam

Concen: 74.84 ng

RT: 8.62 min Scan# 615

Delta R.T. 0.02 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

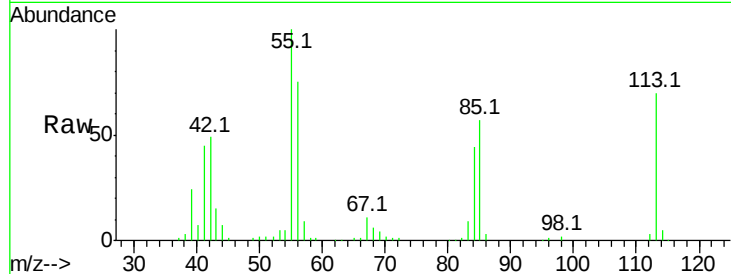
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	142.8	158.6	198.6#	
56	107.0	110.6	150.6#	

Manual Integrations
APPROVED

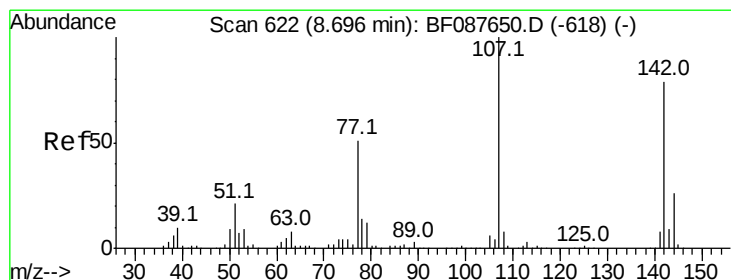
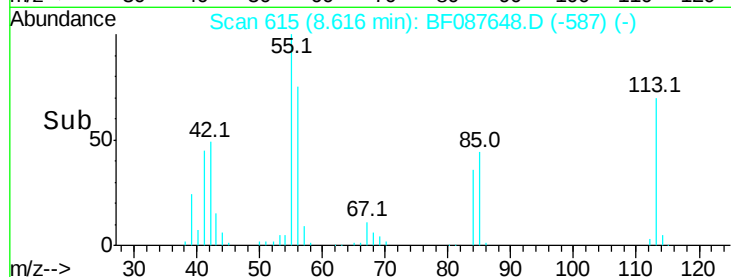
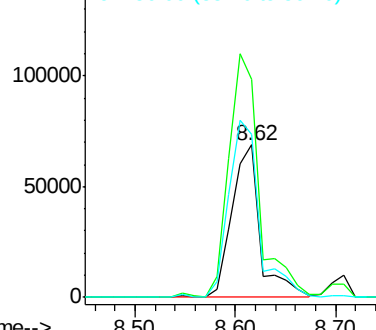
SOHIL
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 61.18 ng

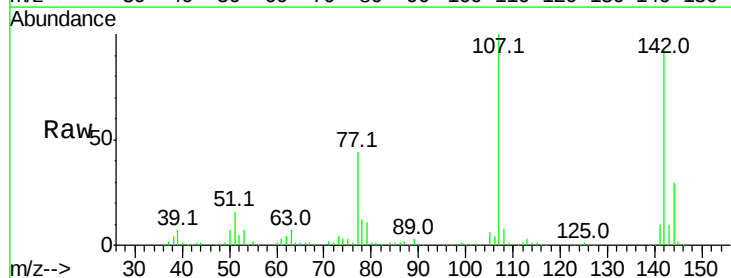
RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

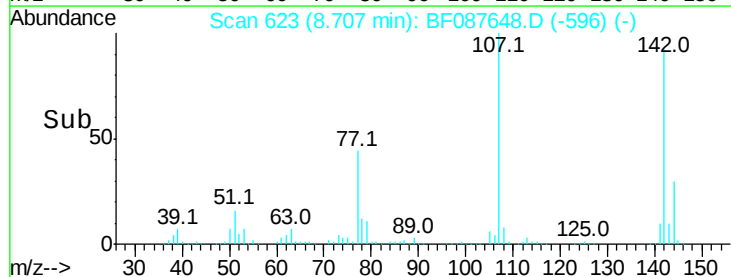
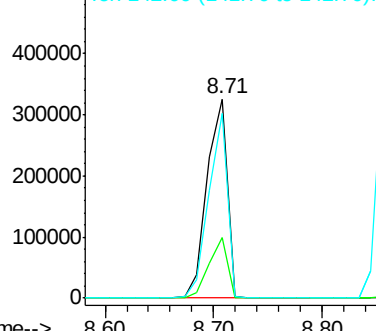
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	30.4	20.8	31.2	
142	92.7	63.4	95.2	

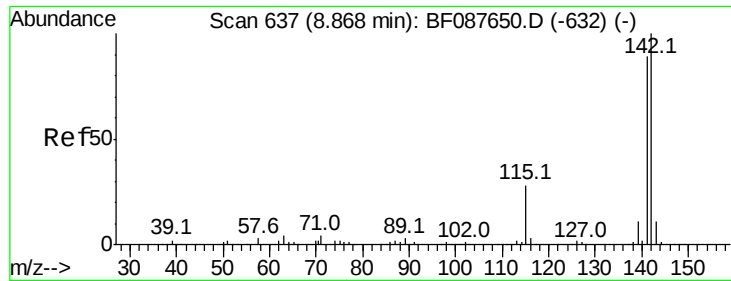


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





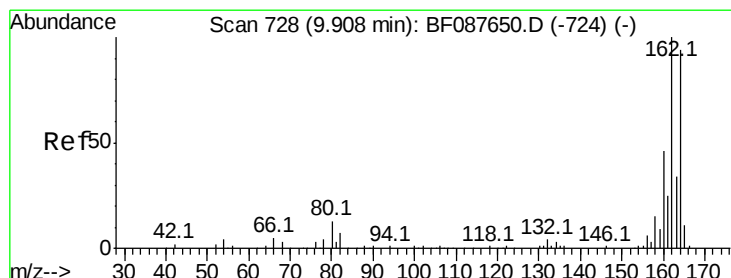
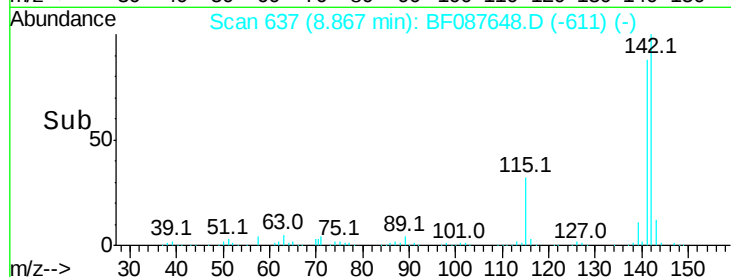
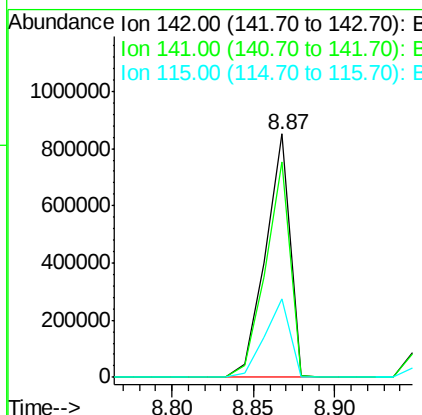
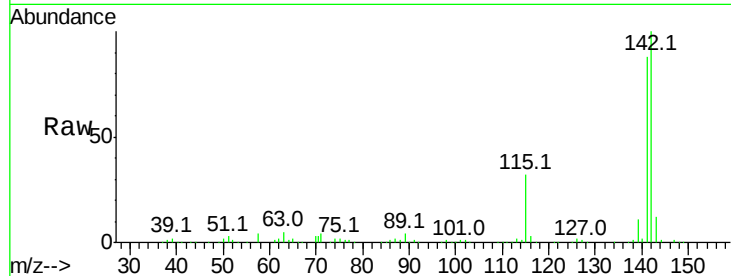
#37
 2-Methylnaphthalene
 Concen: 62.76 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	32.4	22.6	33.8

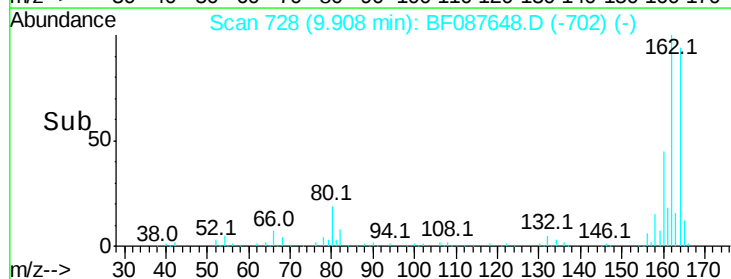
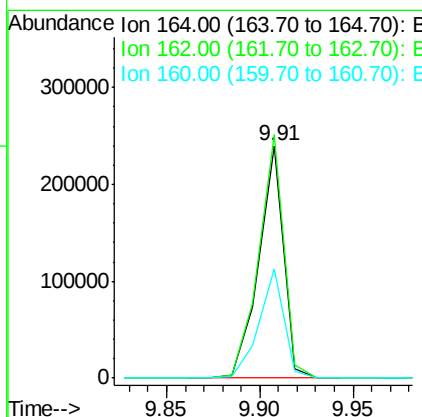
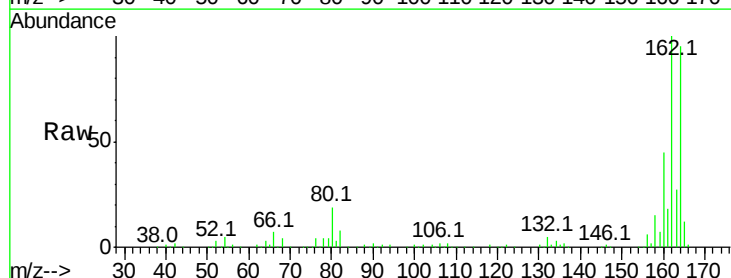
Manual Integrations
 APPROVED

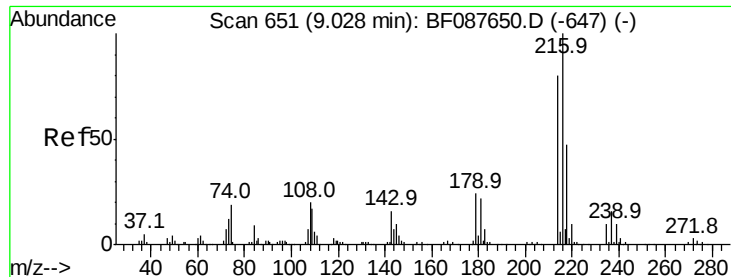
SOHIL
 6/6/2016 7:17:51 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.3	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.66 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:216 Resp: 314007
Ion Ratio Lower Upper

216 100

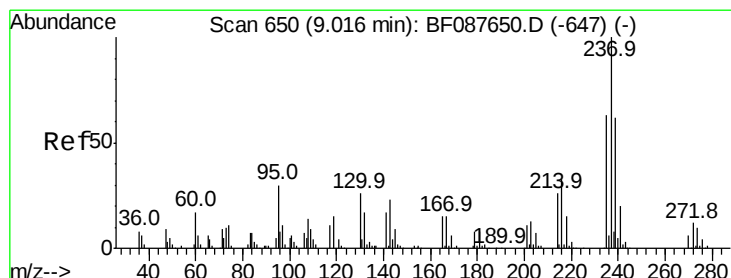
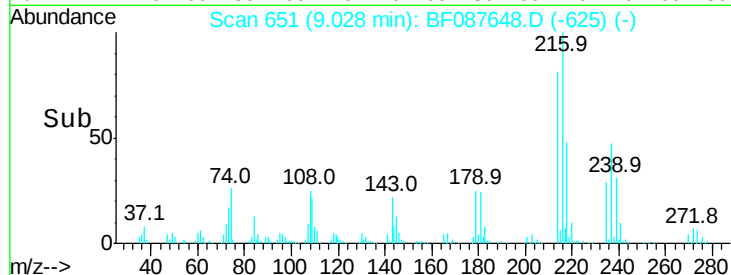
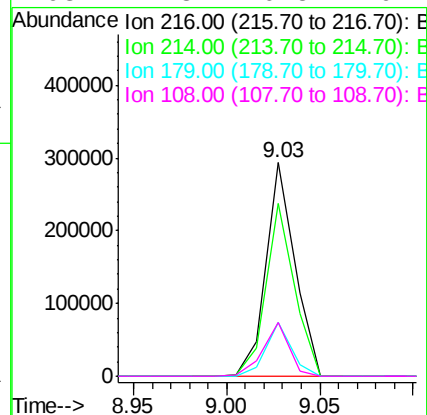
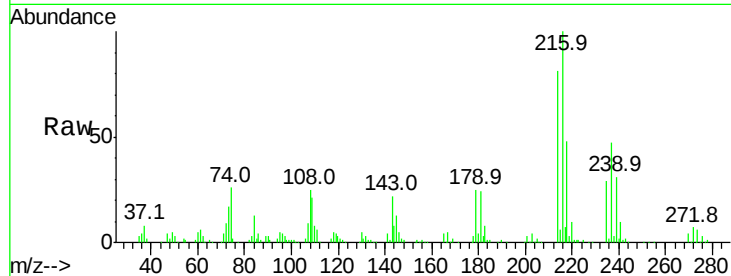
214 79.4 2.9 4.3#

179 22.7 0.0 0.0#

108 22.8 0.5 0.7#

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:17:51 PM



#40

Hexachlorocyclopentadiene

Concen: 85.34 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087648.D

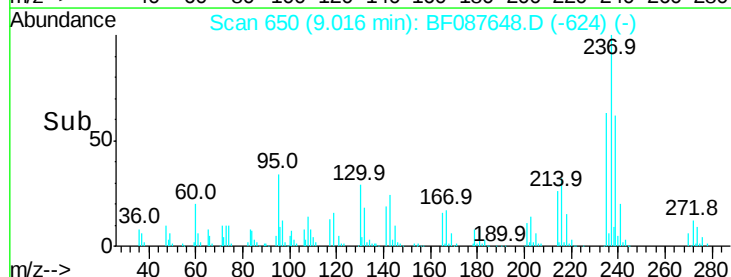
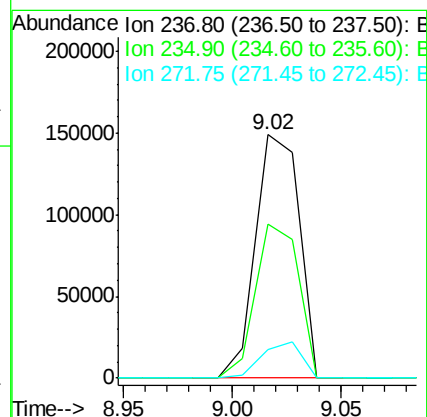
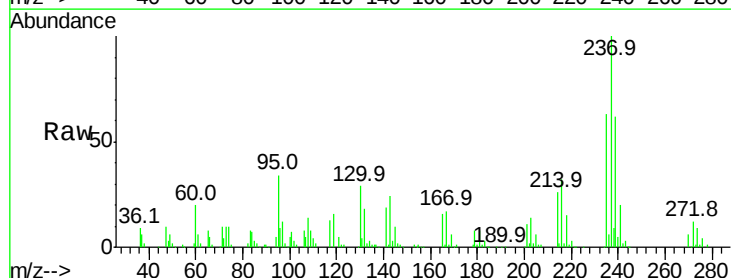
Acq: 4 Jun 2016 3:21

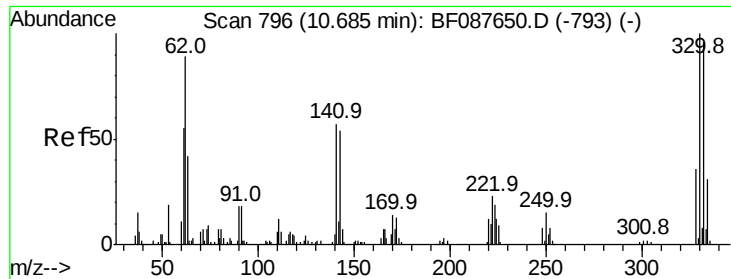
Tgt Ion:237 Resp: 209673
Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

272 11.5 0.0 32.3





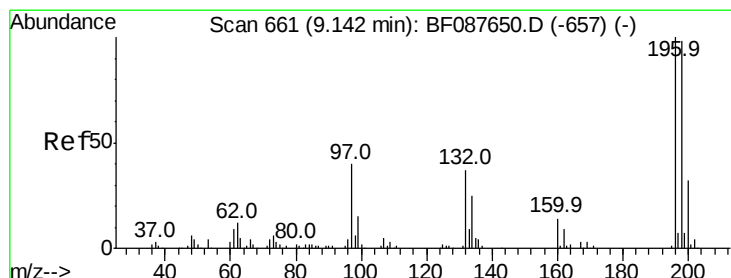
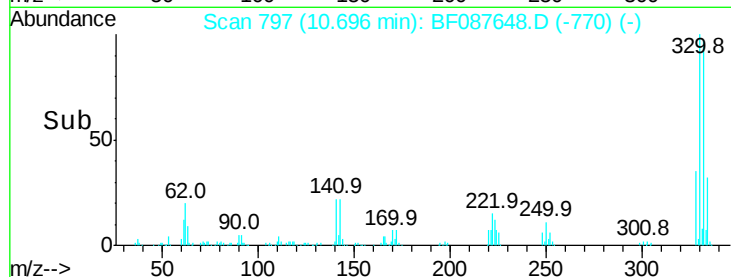
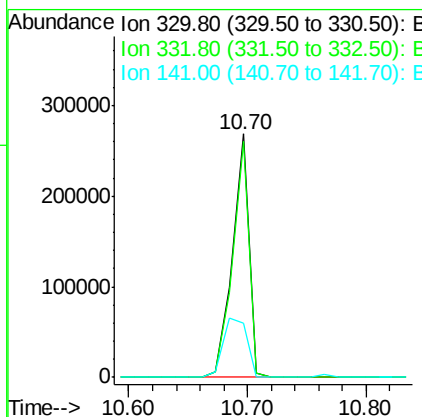
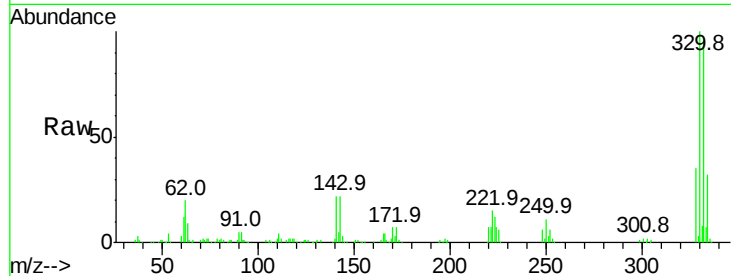
#41
 2,4,6-Tribromophenol
 Concen: 122.15 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.8	0.0	0.0#

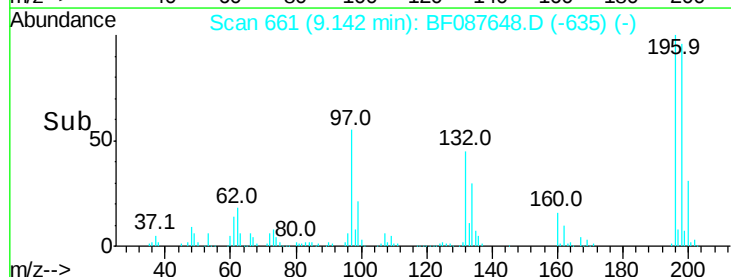
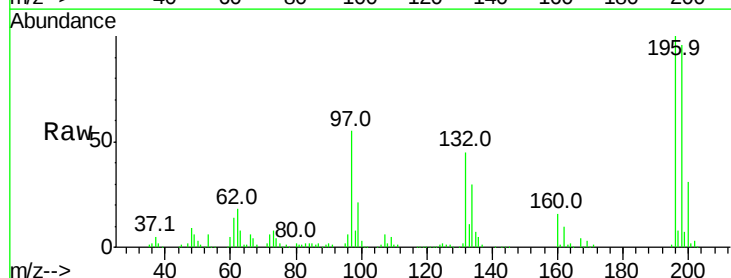
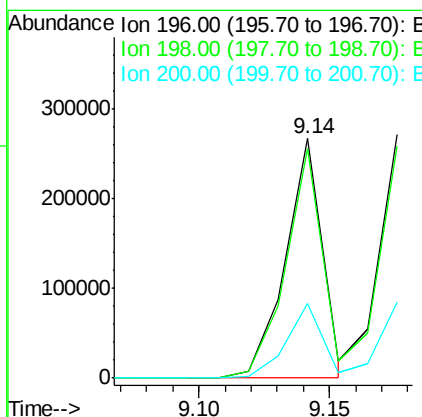
Manual Integrations
 APPROVED

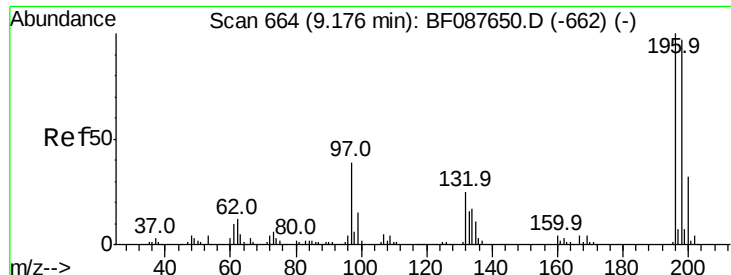
SOHIL
 6/6/2016 7:17:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 62.40 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

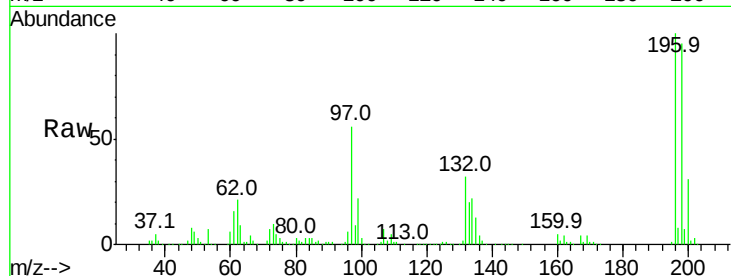
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.0	78.0	117.0
200	31.1	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 51.18 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

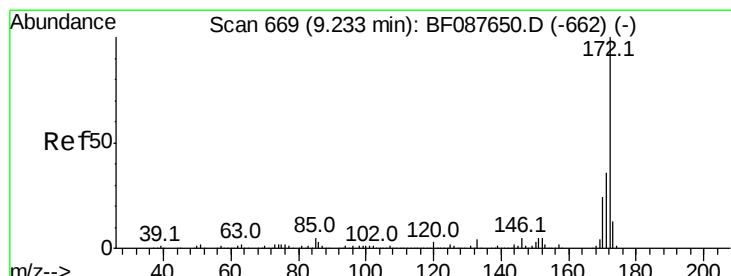
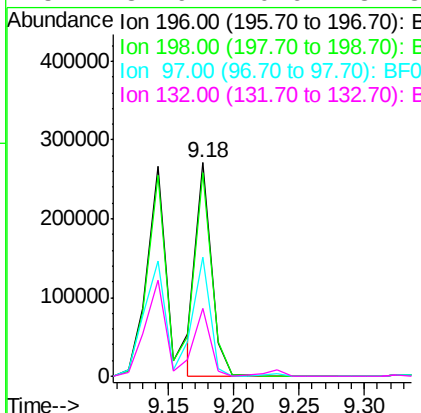
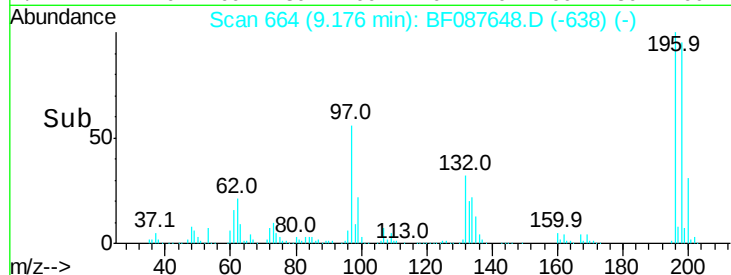
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tot Ion	Ratio	Resp	Lower	Upper
196	100	218242		
198	95.2	77.5	116.3	
97	56.0	32.0	48.0	#
132	31.6	20.9	31.3	#

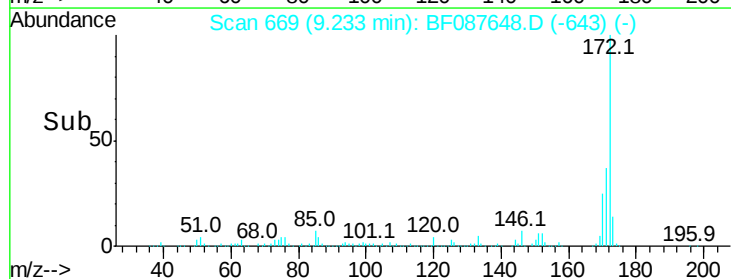
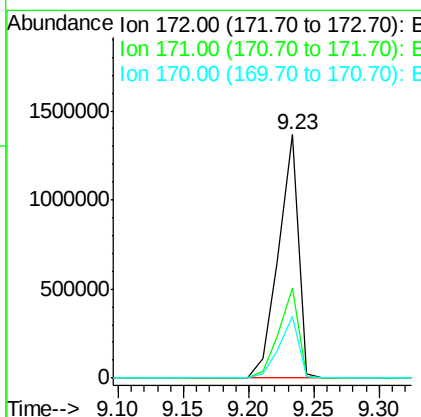
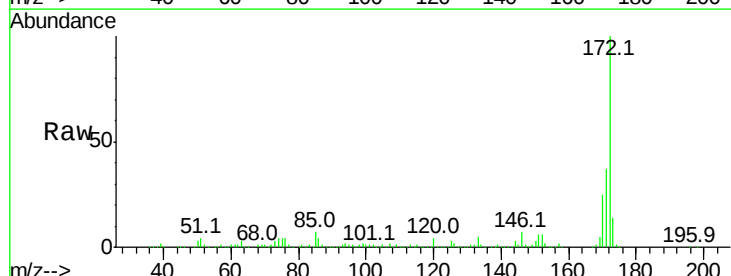
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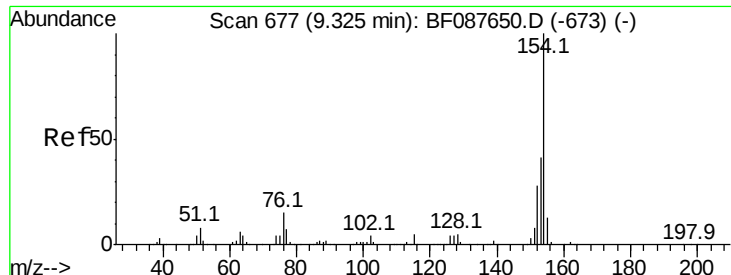
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#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1477632		
171	37.0	28.6	43.0	
170	25.2	19.2	28.8	





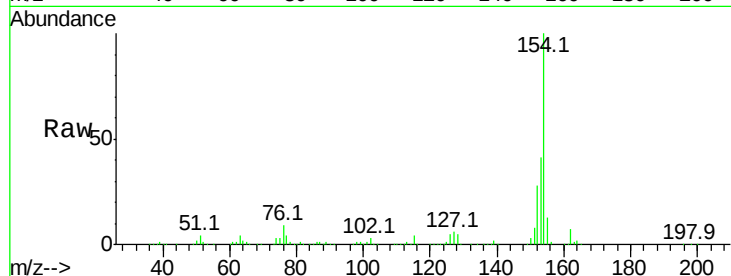
#45
 1,1'-Biphenyl
 Concen: 55.88 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.6	60.6
76	9.0	0.0	35.1

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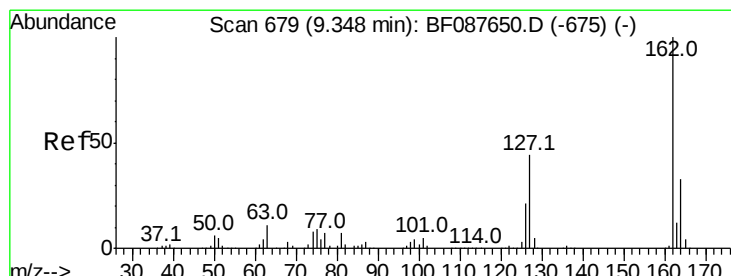
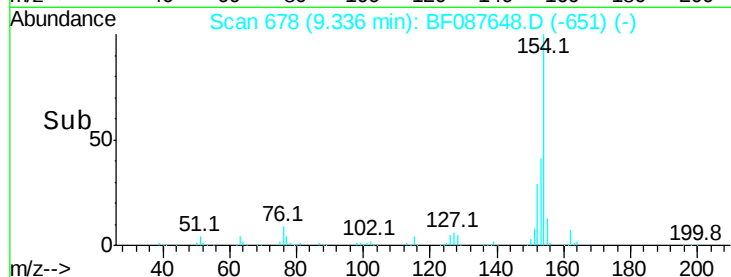
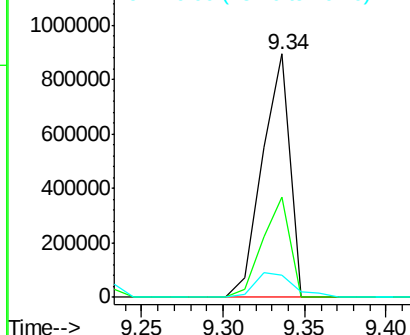


Abundance

Ion 154.00 (153.70 to 154.70): E

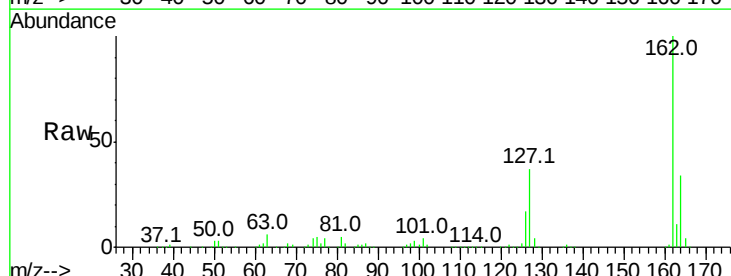
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 57.31 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	35.2	52.8
164	34.2	26.6	39.8

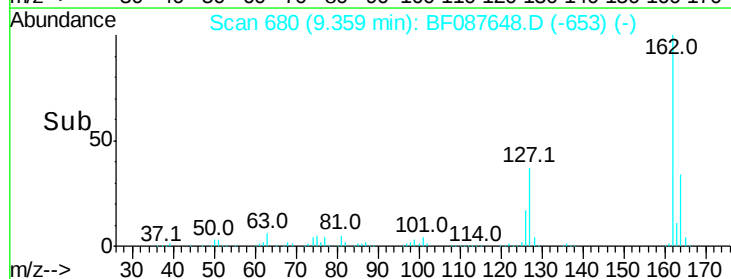
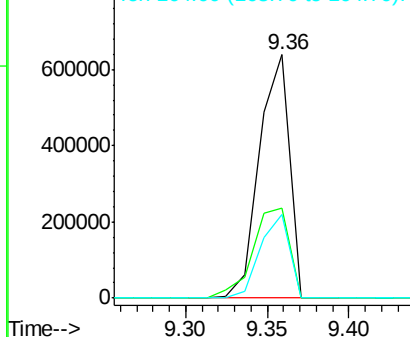


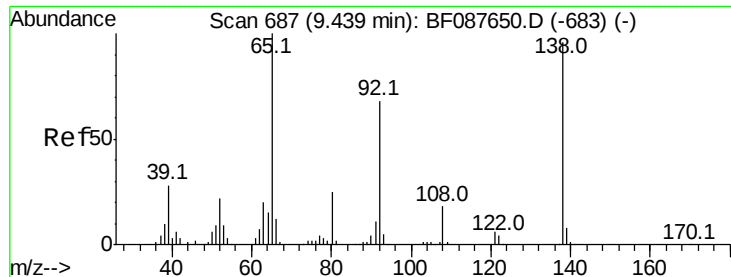
Abundance

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: 54.15 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

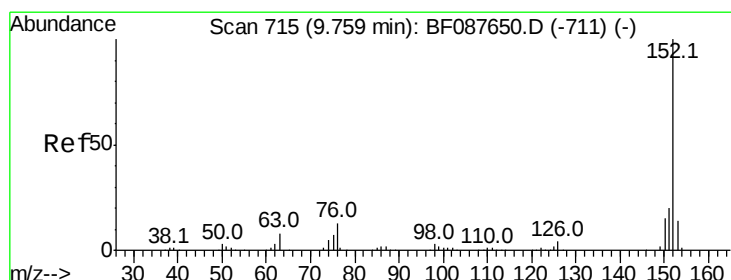
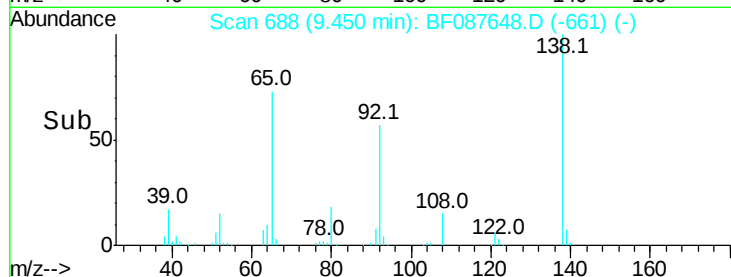
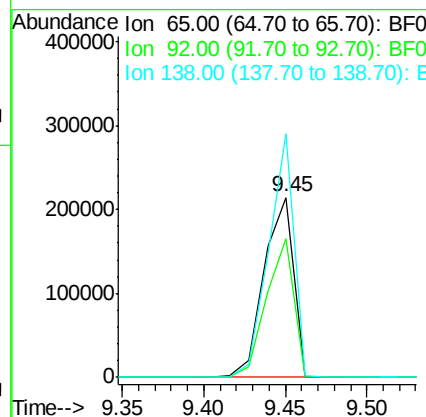
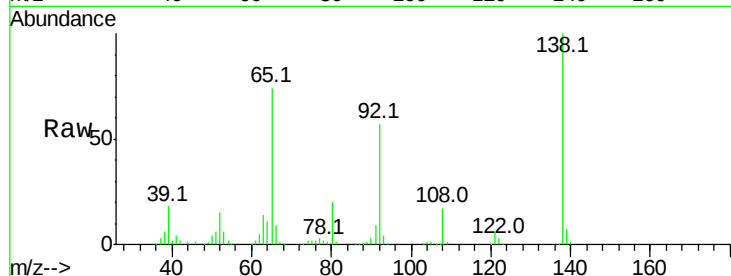
ClientSampleId :

SSTDICC060

Tot Ion:	65	Resp:	269429
Ion Ratio	Lower	Upper	
65	100		
92	77.0	54.6	82.0
138	135.3	77.0	115.4#

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#48

Acenaphthylene

Concen: 56.80 ng

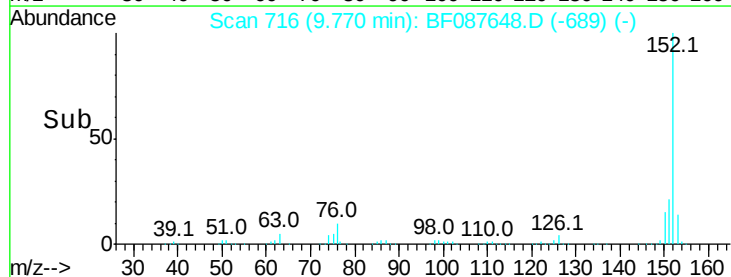
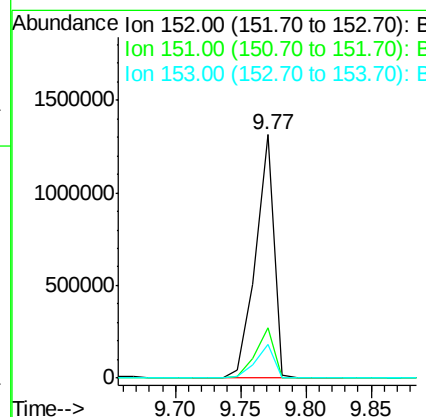
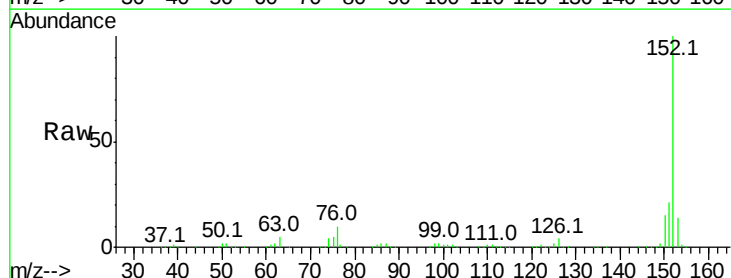
RT: 9.77 min Scan# 716

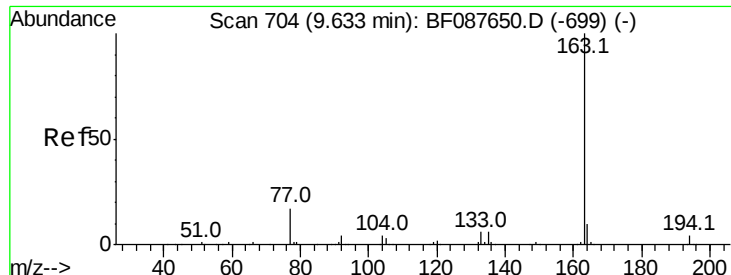
Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	152	Resp:	1294322
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.2	24.4
153	13.8	11.0	16.6





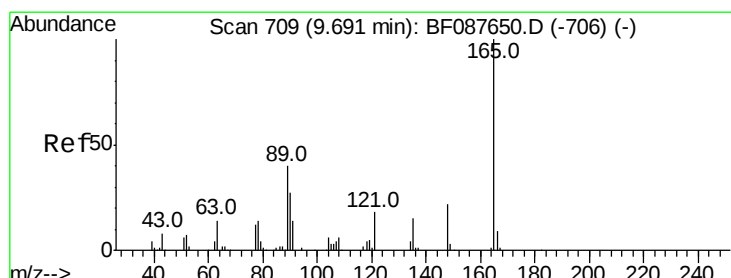
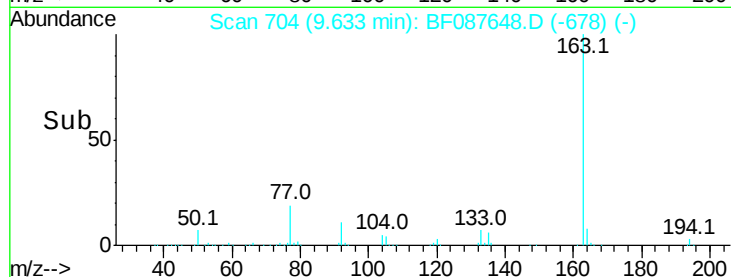
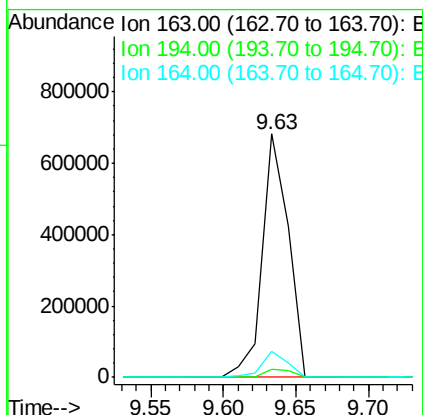
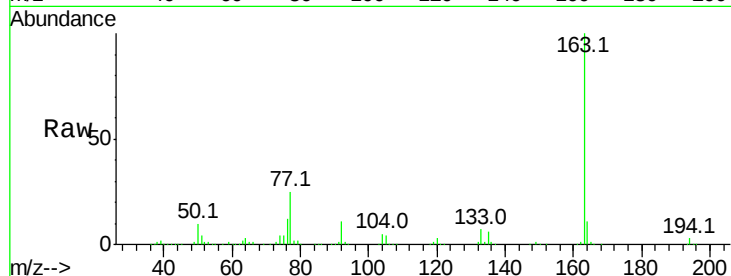
#49
Dimethylphthalate
Concen: 47.29 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
163	100	843199		
194	3.1		2.8	4.2
164	10.8		8.3	12.5

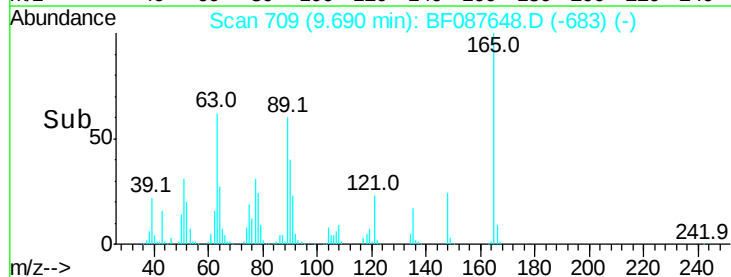
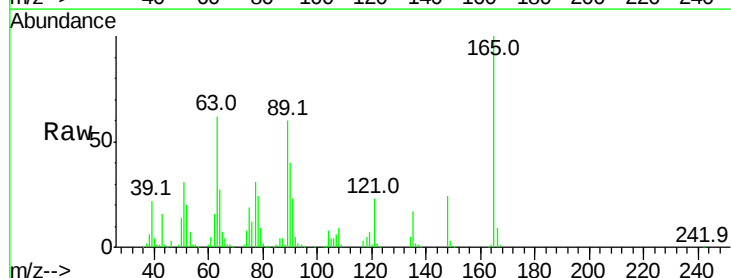
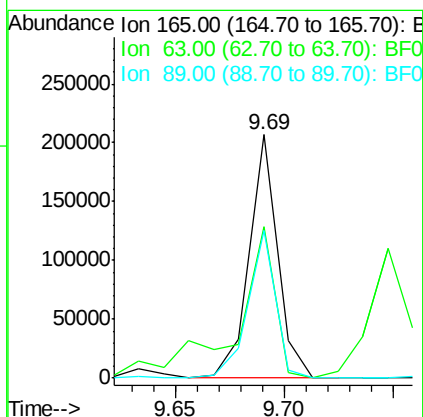
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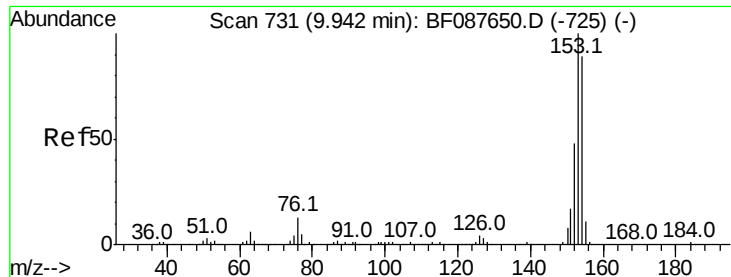
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#50
2,6-Dinitrotoluene
Concen: 51.16 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188021		
63	62.0		28.1	42.1#
89	60.5		32.2	48.2#





#51

Acenaphthene

Concen: 55.30 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

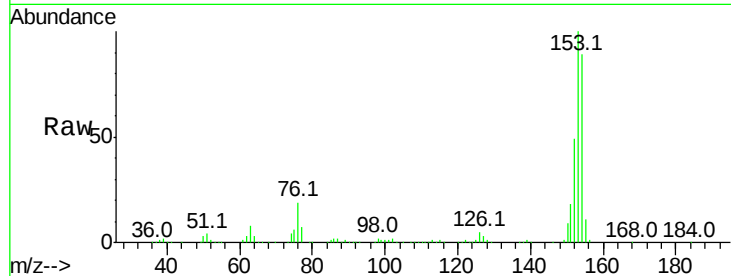
ClientSampleId :

SSTDICC060

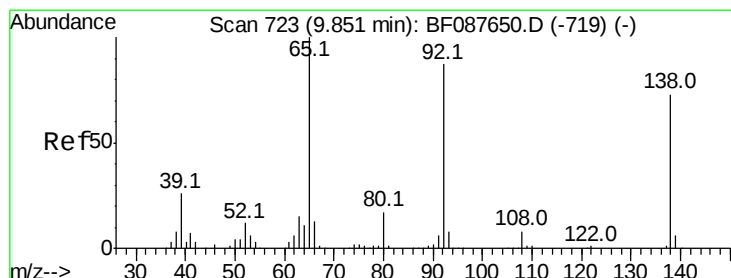
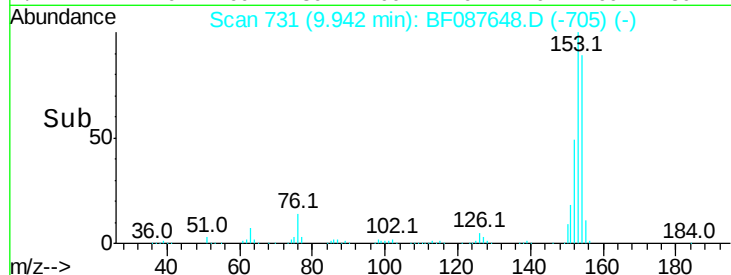
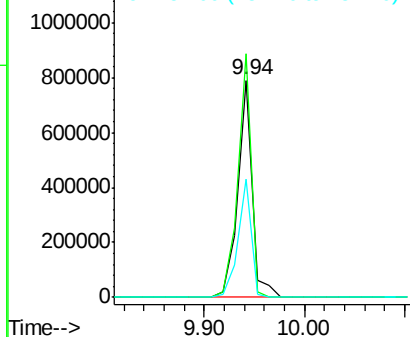
Tot Ion:	154	Resp:	783858
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.5	134.3
152	54.6	42.7	64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 70.87 ng

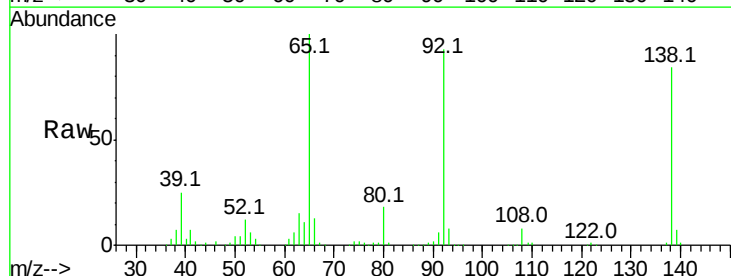
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

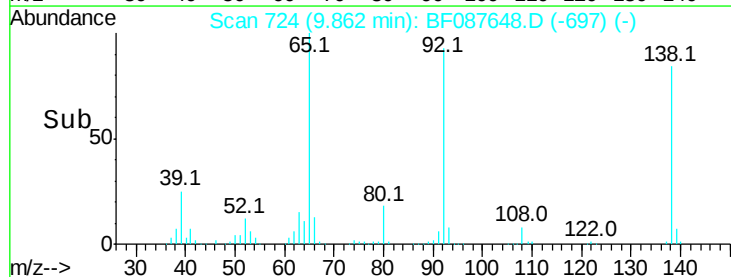
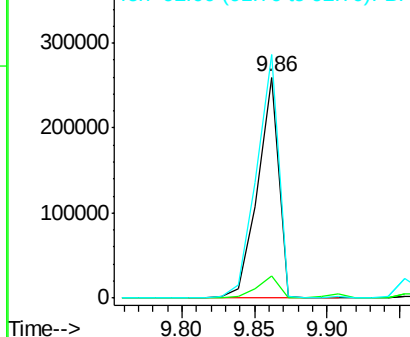
Lab File: BF087648.D

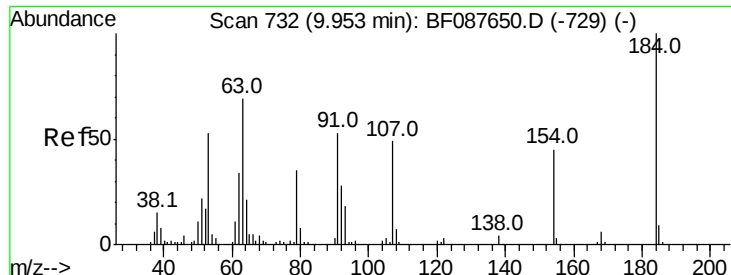
Acq: 4 Jun 2016 3:21

Tgt Ion:	138	Resp:	262963
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	110.2	95.7	143.5



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





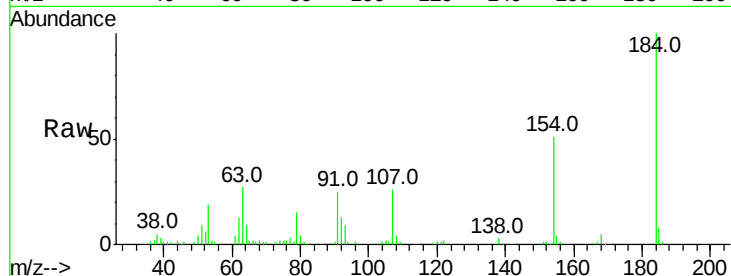
#53
2,4-Dinitrophenol
Concen: 67.59 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampled :
SSTDIC060

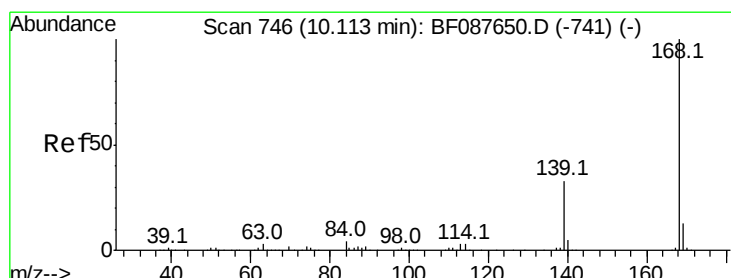
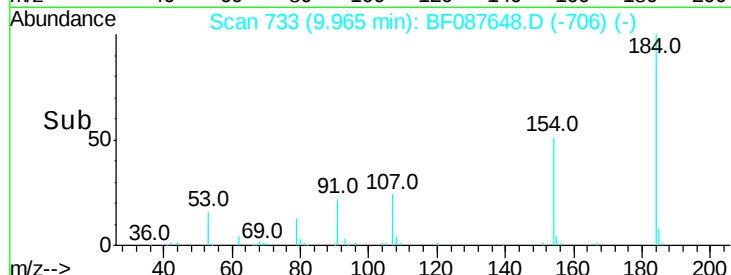
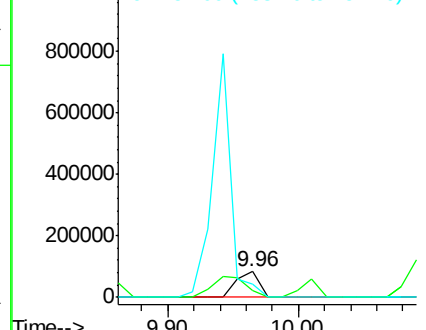
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	26.7	57.6	86.4#	
154	51.4	53.5	80.3#	

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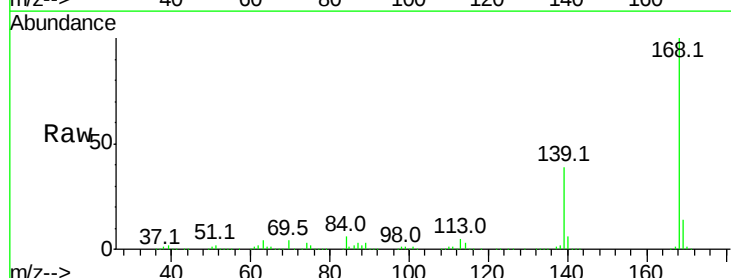


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

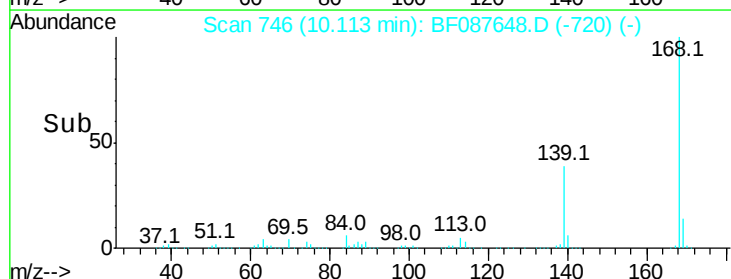
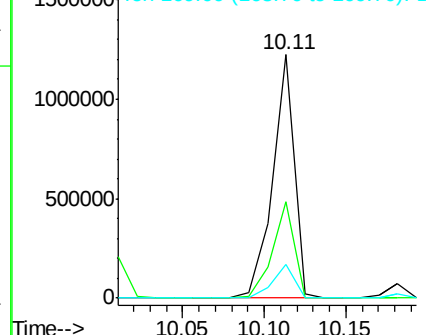


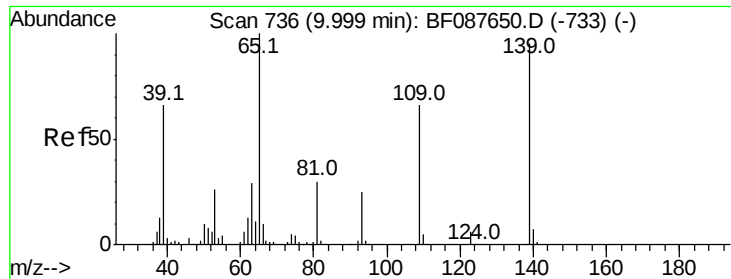
#54
Dibenzofuran
Concen: 58.52 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	26.4	39.6	
169	14.0	10.4	15.6	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 102.22 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

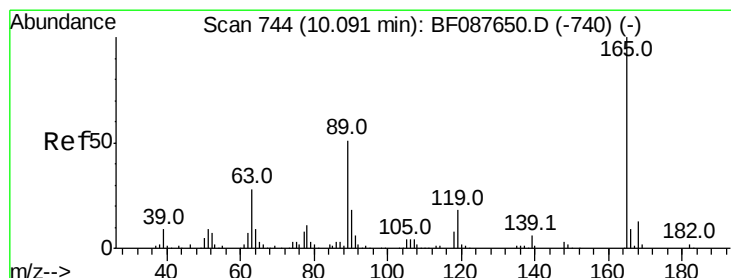
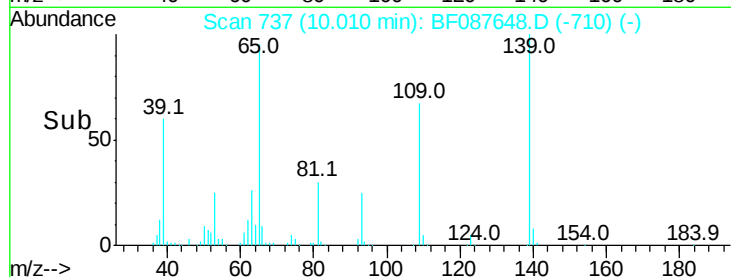
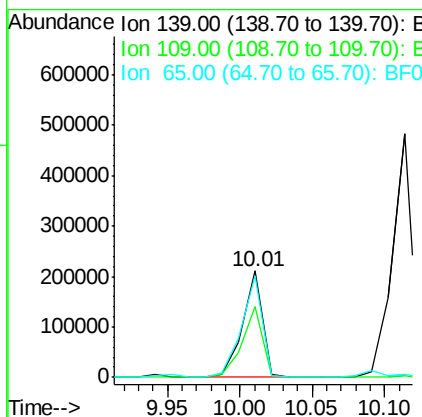
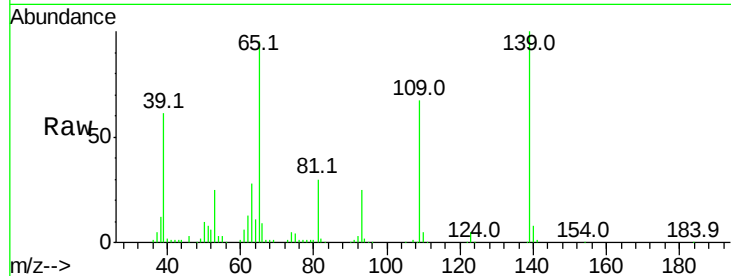
ClientSampleId :

SSTDIC060

Tot Ion:139	Resp:	202425
Ion Ratio	Lower	Upper
139	100	
109	66.6	48.9 88.9
65	95.5	84.9 124.9

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#56

2,4-Dinitrotoluene

Concen: 50.45 ng

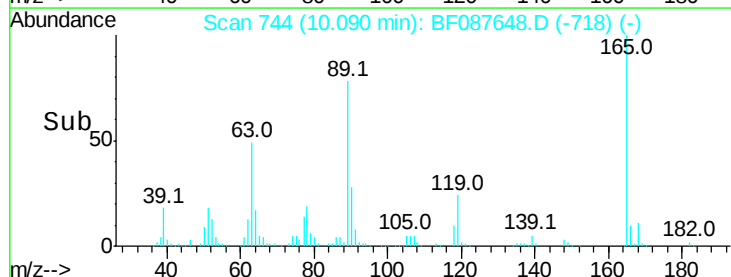
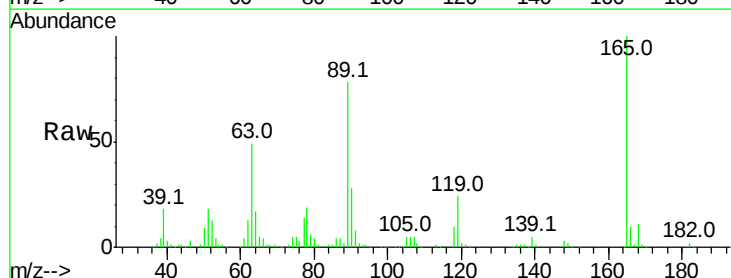
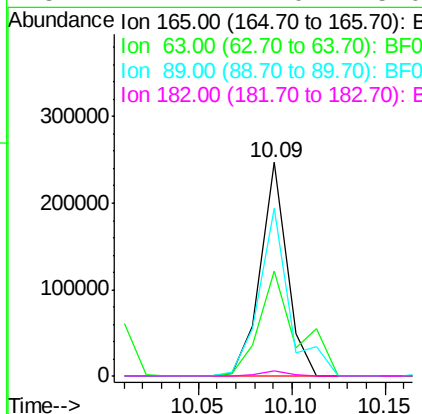
RT: 10.09 min Scan# 744

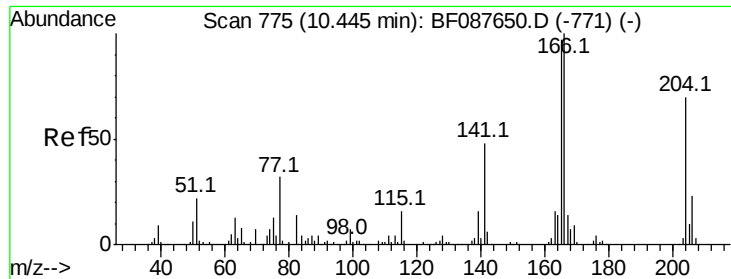
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:165	Resp:	245413
Ion Ratio	Lower	Upper
165	100	
63	49.1	22.0 33.0#
89	78.4	41.1 61.7#
182	2.2	2.0 3.0





#57

Fluorene

Concen: 52.47 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 847435

Ion Ratio Lower Upper

166 100

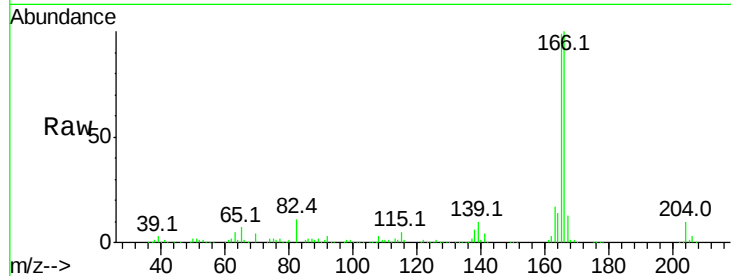
165 98.8 77.8 116.8

167 13.5 11.2 16.8

Manual Integrations
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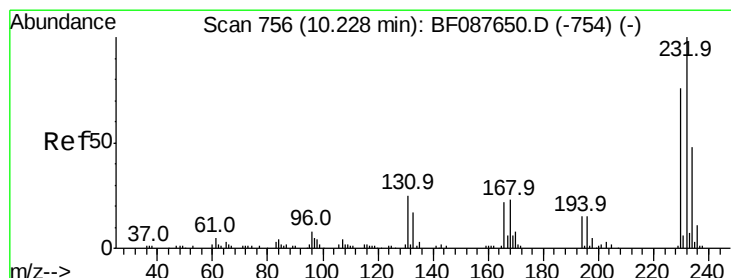
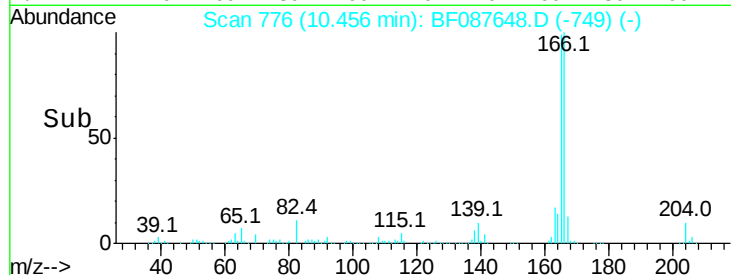
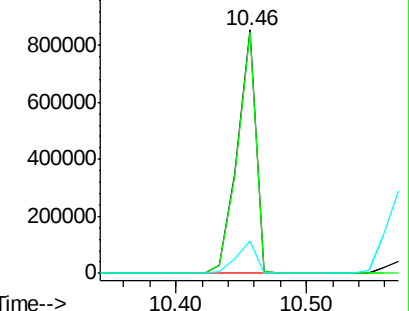
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 67.21 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:232 Resp: 219177

Ion Ratio Lower Upper

232 100

131 53.2 0.9 1.3#

130 2.6 1.5 2.3#

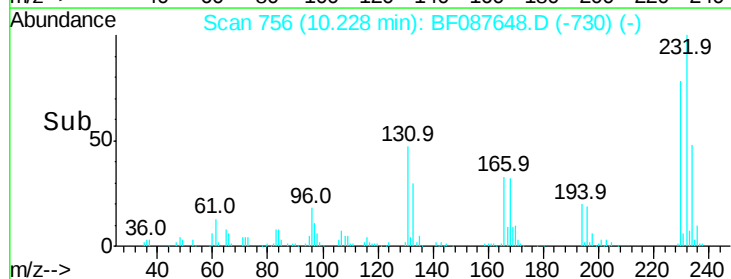
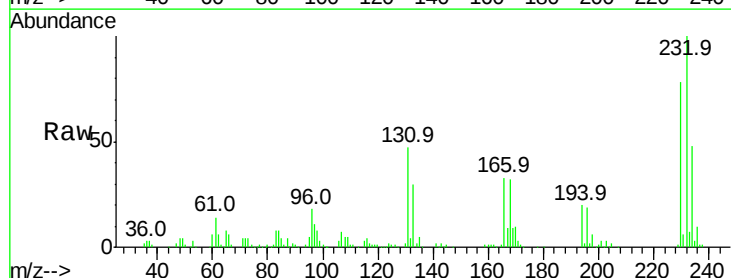
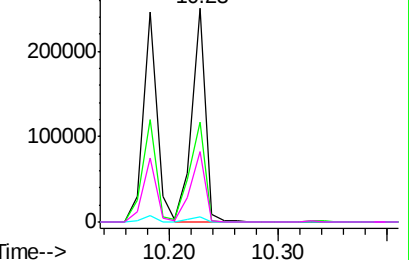
166 35.5 0.5 0.7#

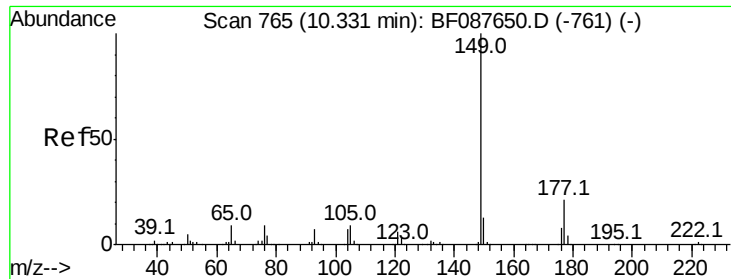
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.69 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

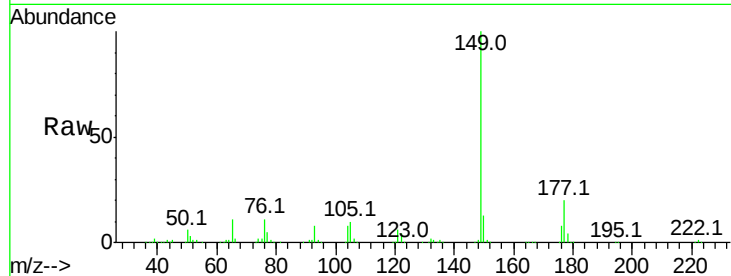
ClientSampleId :

SSTDIC060

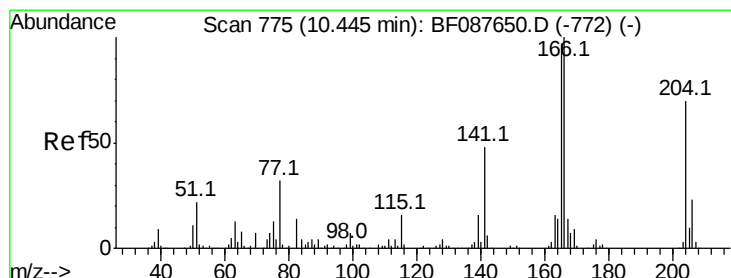
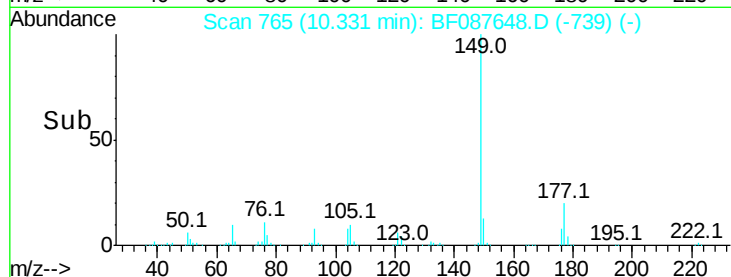
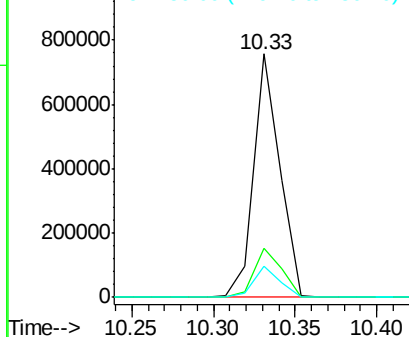
Tot Ion:	149	Resp:	841244
Ion Ratio	Lower	Upper	
149	100		
177	20.0	16.9	25.3
150	12.8	10.1	15.1

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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: 40.04 ng

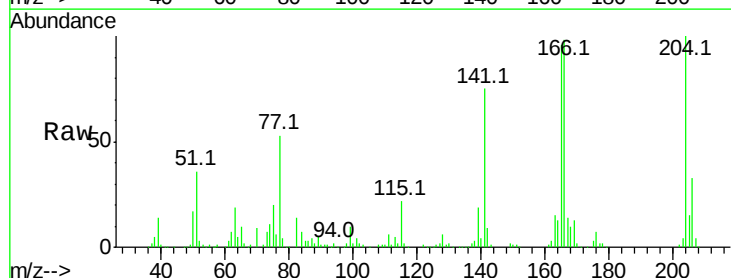
RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

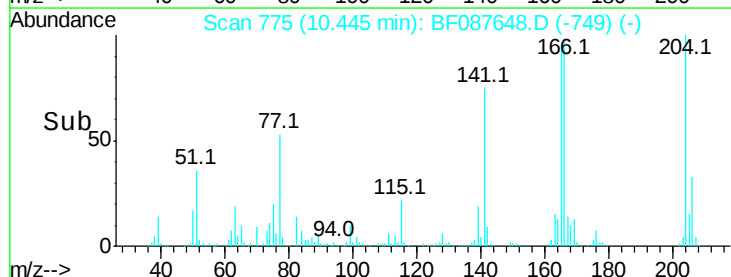
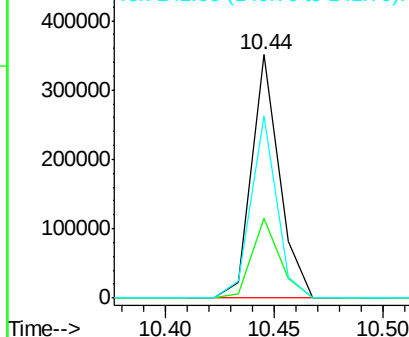
Lab File: BF087648.D

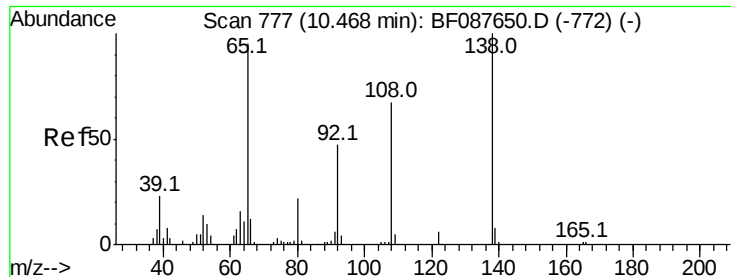
Acq: 4 Jun 2016 3:21

Tgt Ion:	204	Resp:	311901
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.3	39.5
141	74.6	55.0	82.6



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





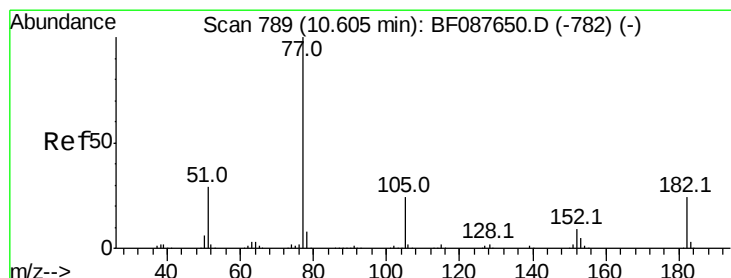
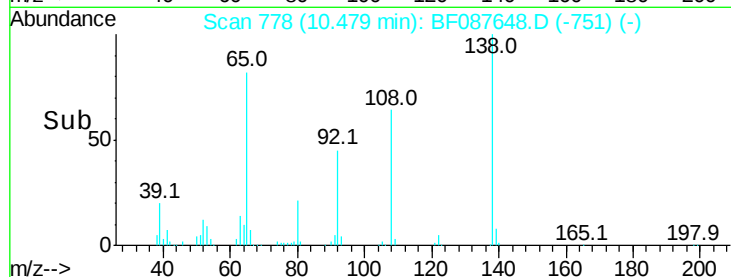
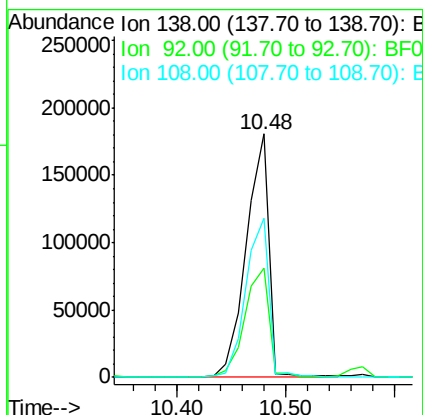
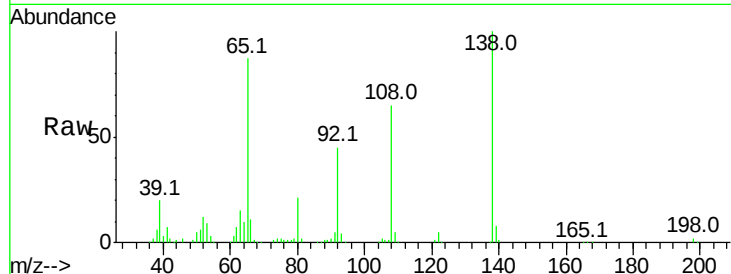
#61
4-Nitroaniline
Concen: 73.29 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
138	100	260546		
92	44.6	27.3	67.3	
108	65.1	46.7	86.7	

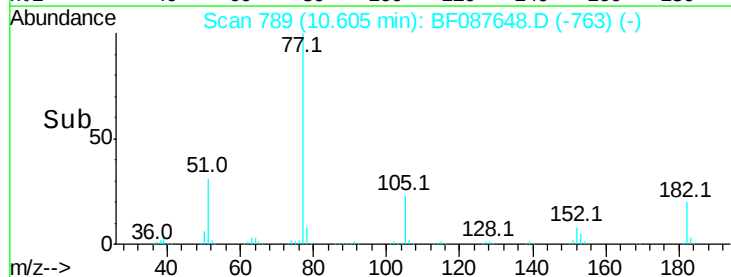
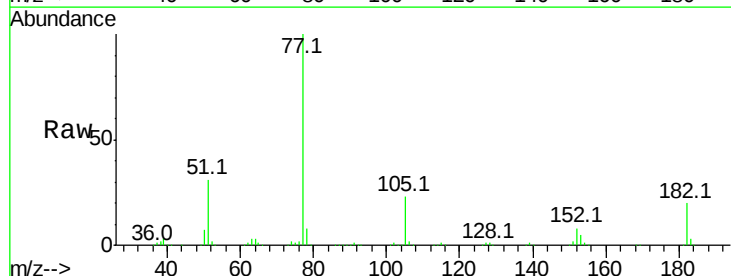
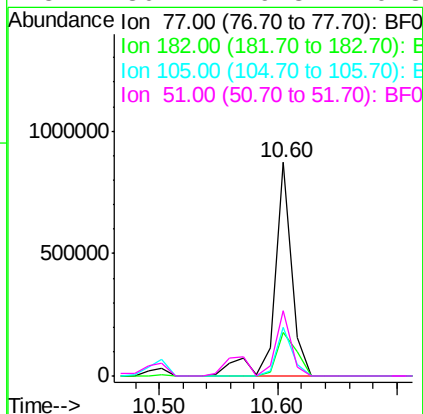
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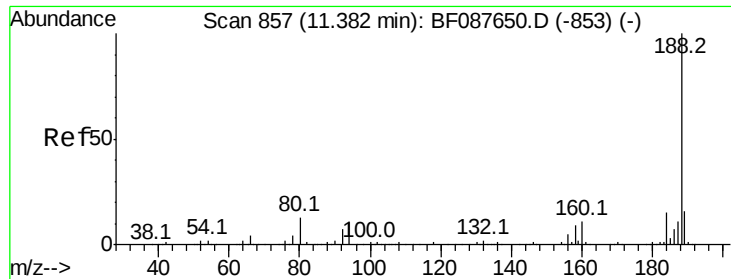
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#62
Azobenzene
Concen: 50.01 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	881282		
182	20.4	4.4	44.4	
105	22.7	3.8	43.8	
51	30.7	9.3	49.3	





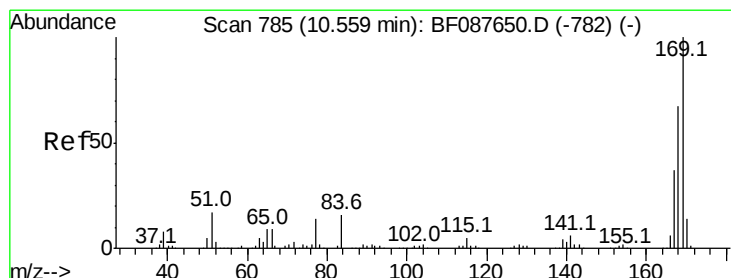
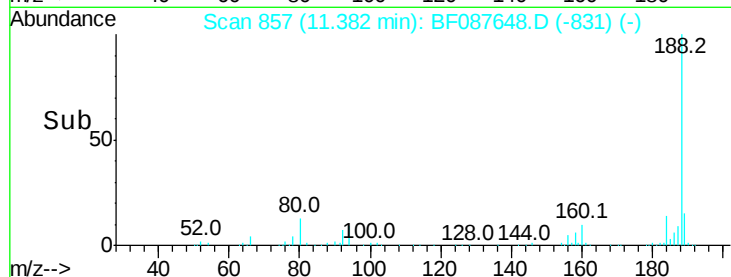
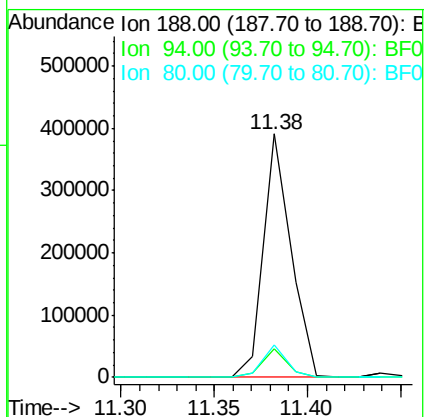
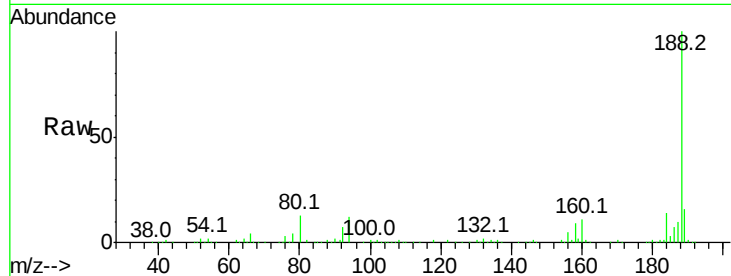
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.9	9.0	13.6	
80	13.1	10.0	15.0	

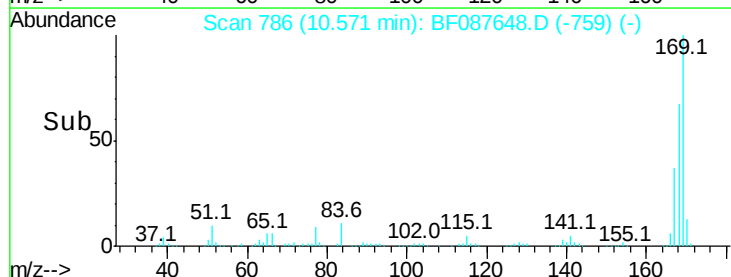
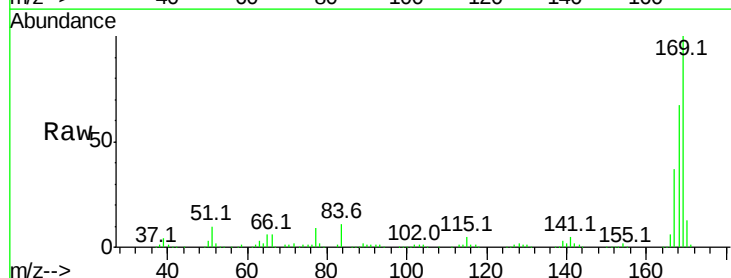
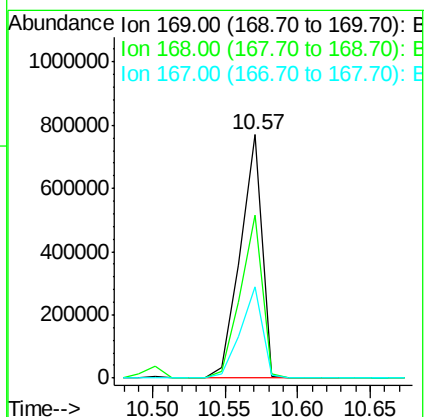
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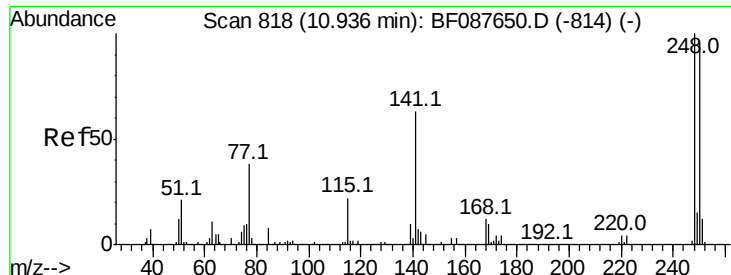
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#65
n-Nitrosodiphenylamine
Concen: 62.88 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	53.4	80.0	
167	37.3	29.4	44.0	





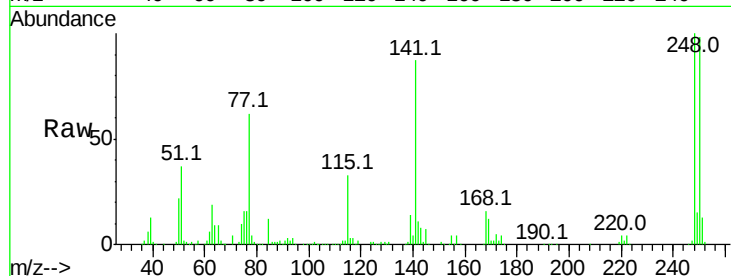
#66
 4-Bromophenyl-phenylether
 Concen: 51.27 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

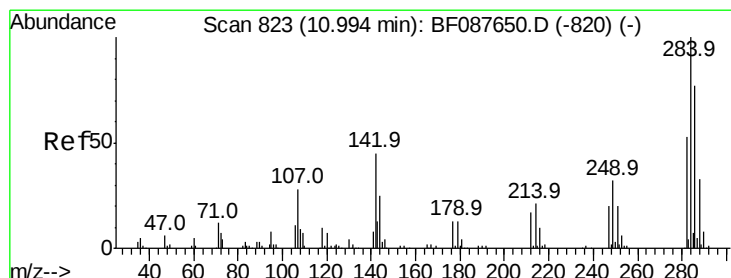
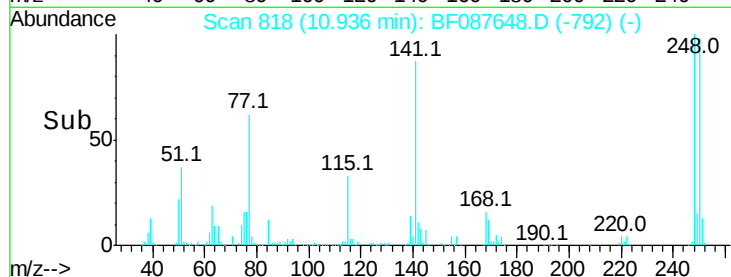
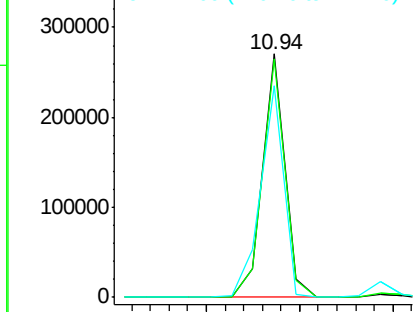
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	86.7	50.6	76.0

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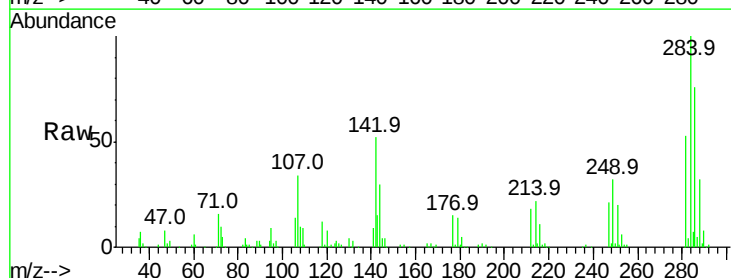


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

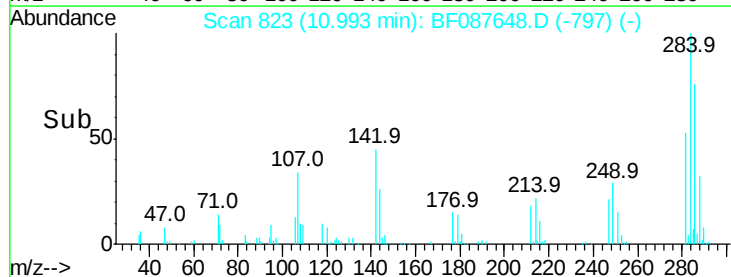
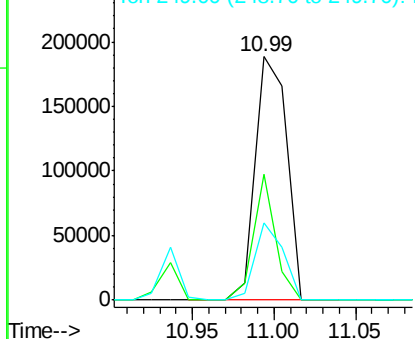


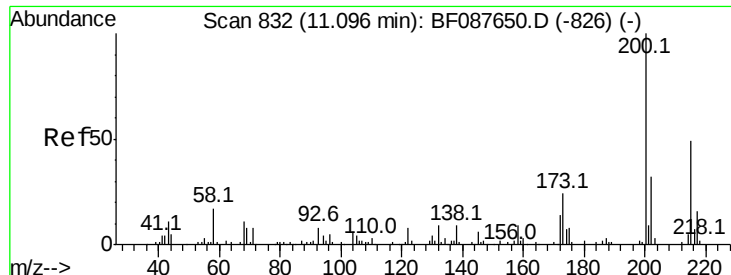
#67
 Hexachlorobenzene
 Concen: 56.38 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.8	35.8	53.8
249	31.9	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





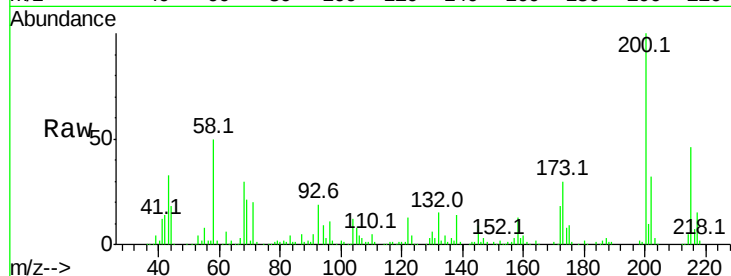
#68
Atrazine
Concen: 56.64 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

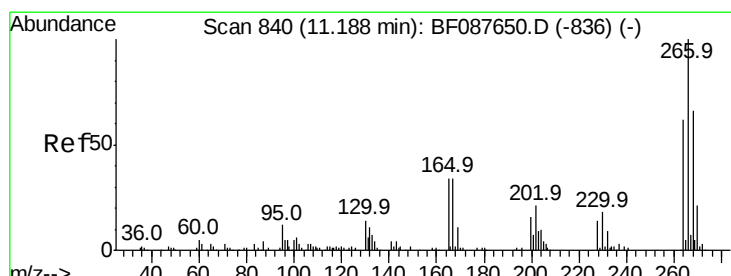
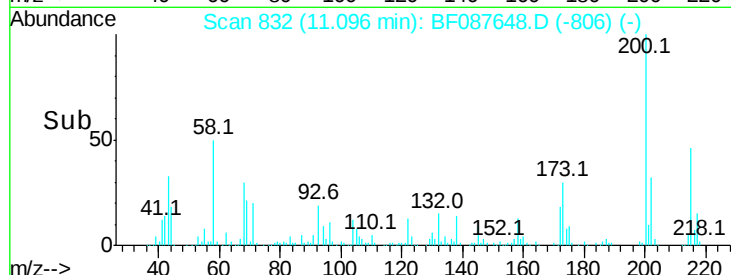
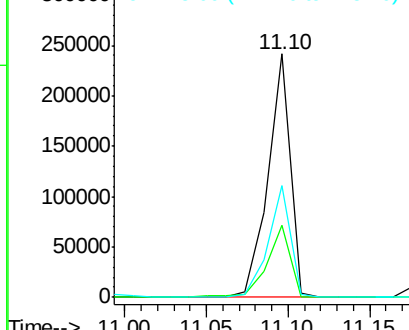
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.7	4.0	44.0
215	45.8	29.3	69.3

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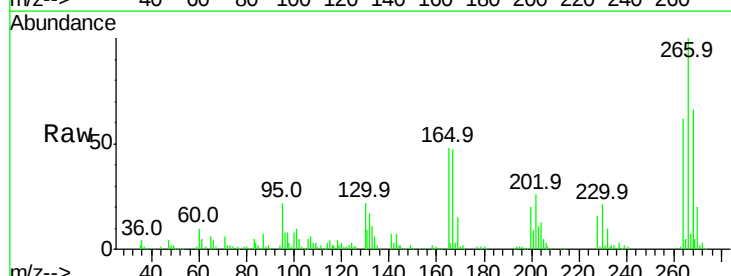


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

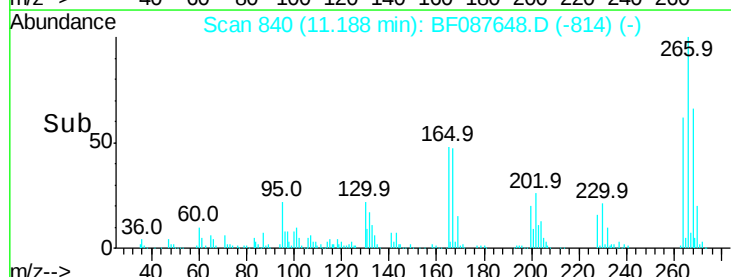
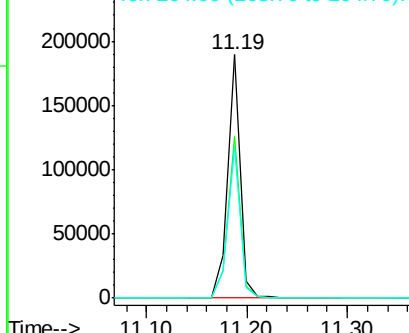


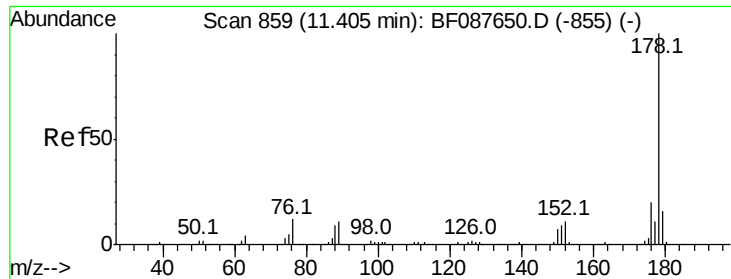
#69
Pentachlorophenol
Concen: 113.08 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.3	52.8	79.2
264	62.5	49.6	74.4



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: 59.02 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 1284205

Ion Ratio Lower Upper

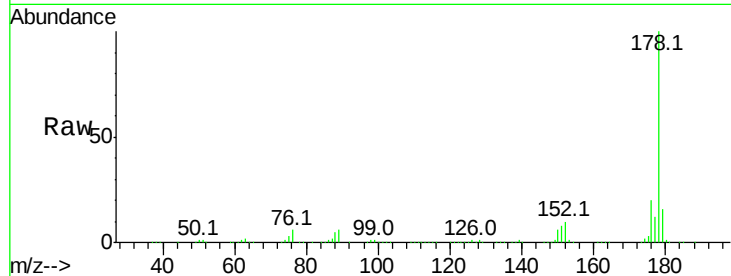
178 100

176 20.1 15.8 23.6

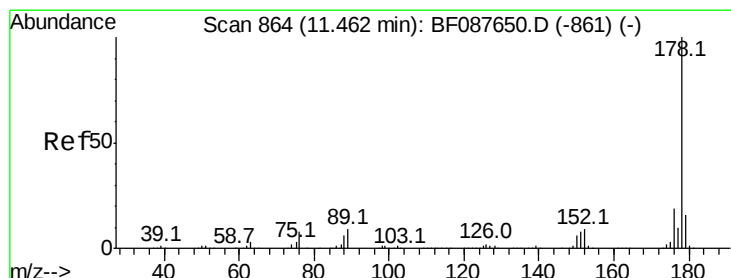
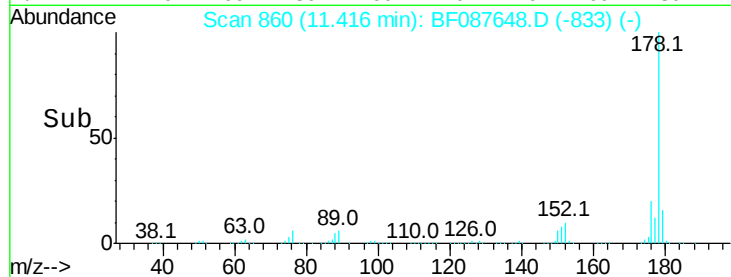
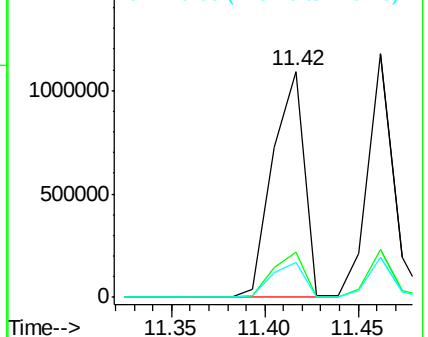
179 15.7 13.0 19.4

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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: 48.78 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:178 Resp: 1092012

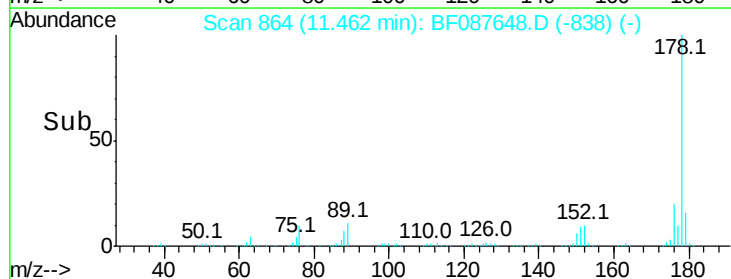
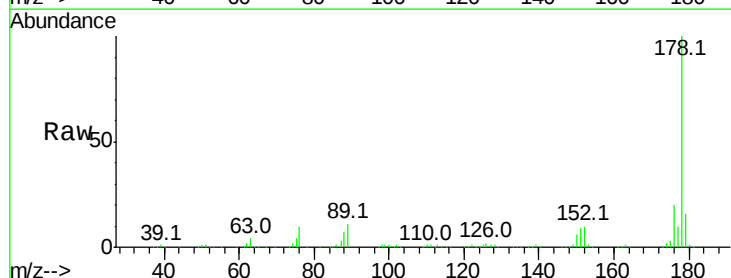
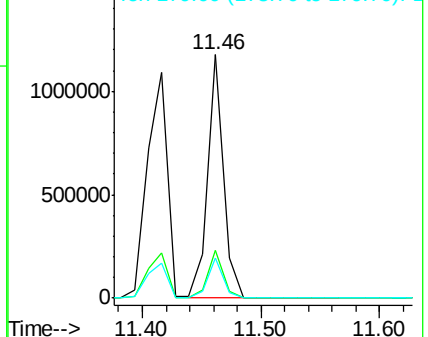
Ion Ratio Lower Upper

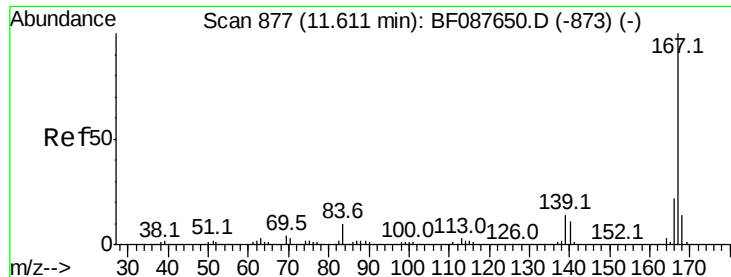
178 100

176 19.8 15.6 23.4

179 16.4 12.8 19.2

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





#72

Carbazole

Concen: 64.60 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 1227718

Ion Ratio Lower Upper

167 100

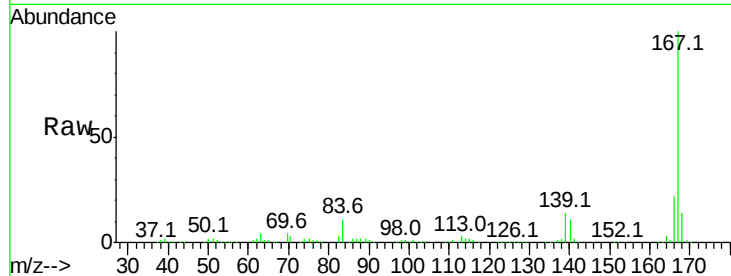
166 22.1 17.8 26.6

139 14.5 11.2 16.8

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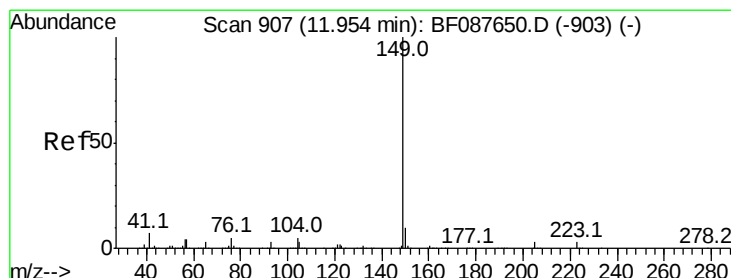
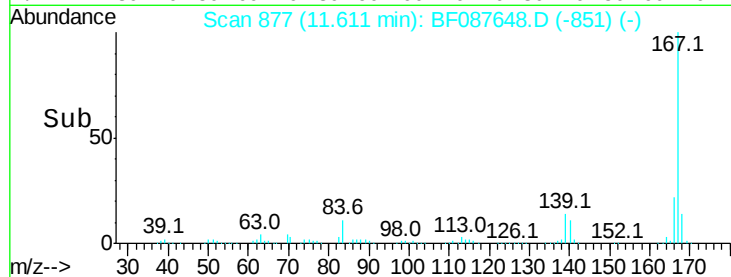
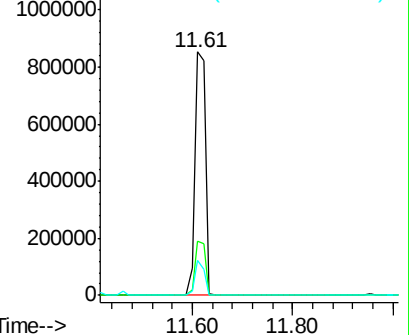
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.19 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

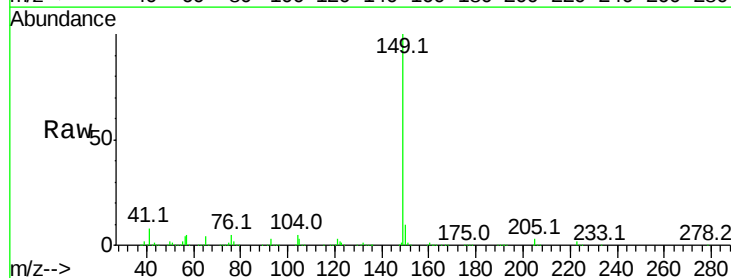
Tgt Ion:149 Resp: 1190509

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

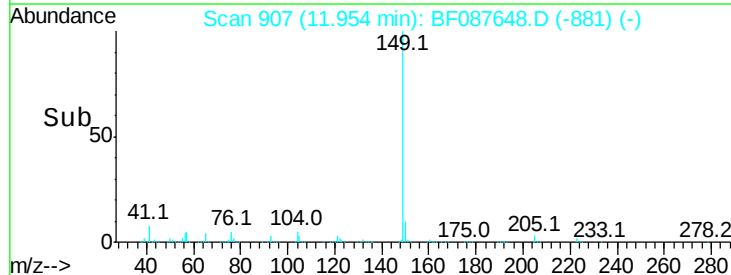
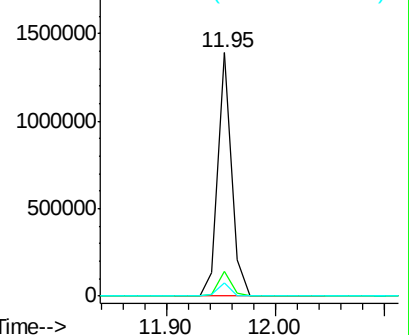
104 5.4 4.0 6.0

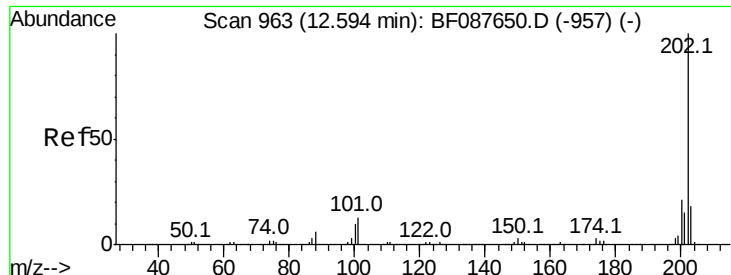


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





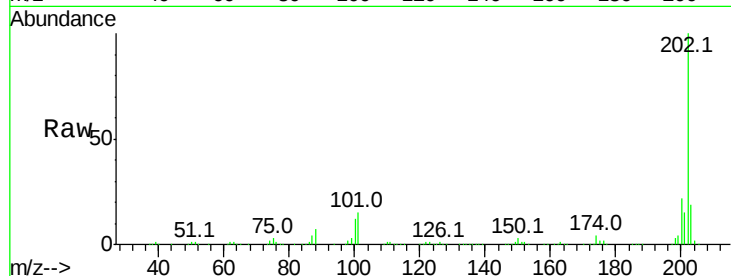
#74
Fluoranthene
 Concen: 50.36 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

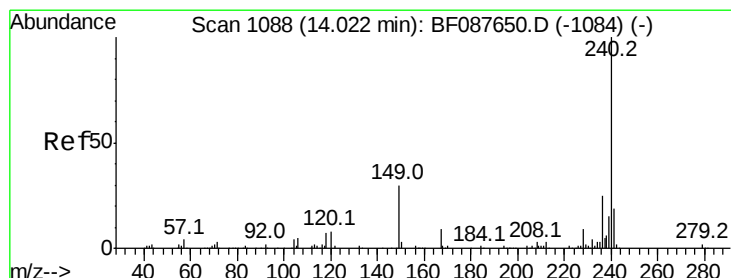
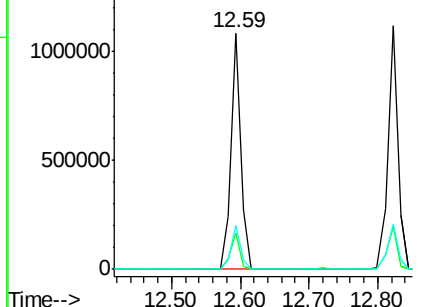
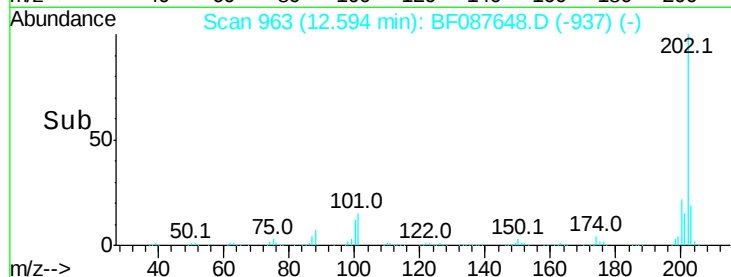
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1107240		
101	15.3		0.0	33.1
203	18.5		0.0	38.1

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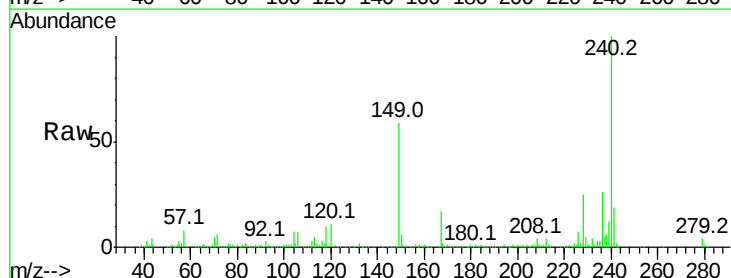


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 1000000 Ion 203.00 (202.70 to 203.70): E

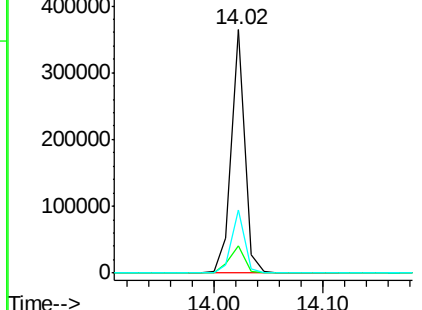
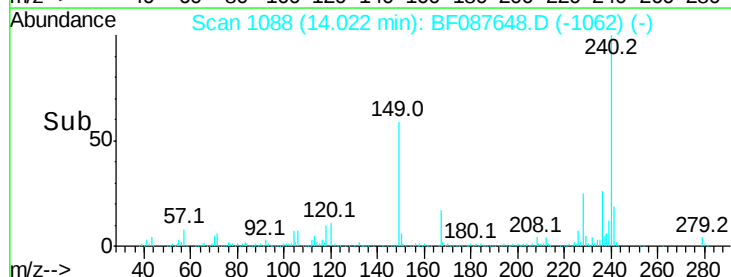


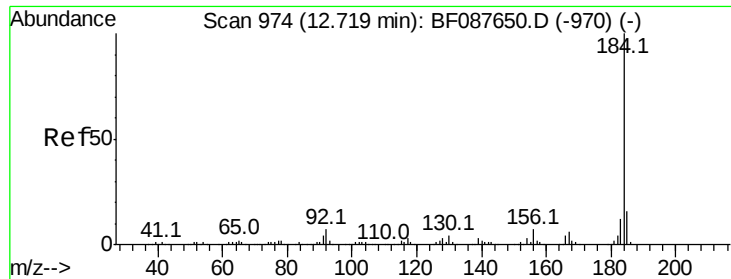
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	310114		
120	11.5		6.8	10.2#
236	25.9		20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 500000 Ion 120.00 (119.70 to 120.70): E
 400000 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 77.10 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

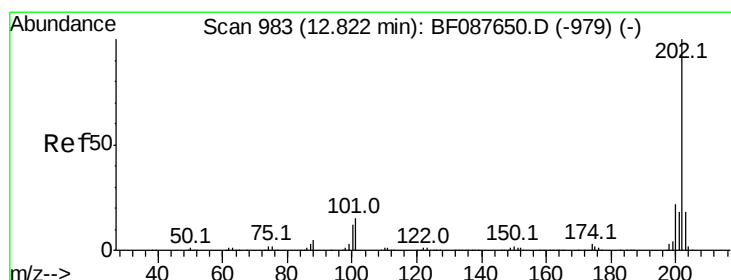
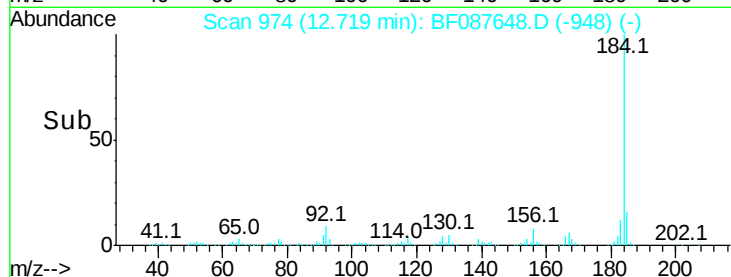
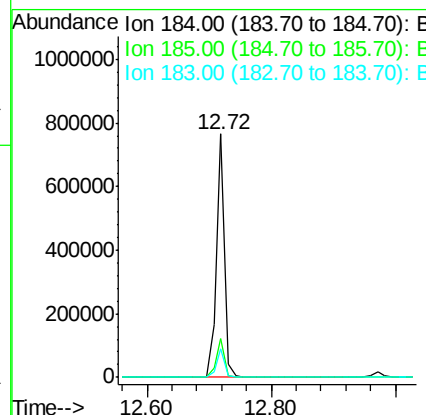
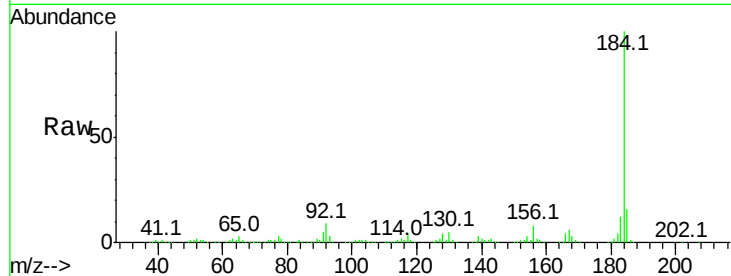
ClientSampleId :

SSTDICC060

Tot Ion:	184	Resp:	682743
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.5	18.7
183	11.8	9.3	13.9

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#77

Pyrene

Concen: 51.17 ng

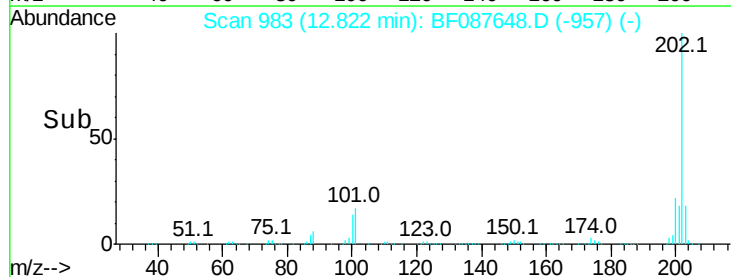
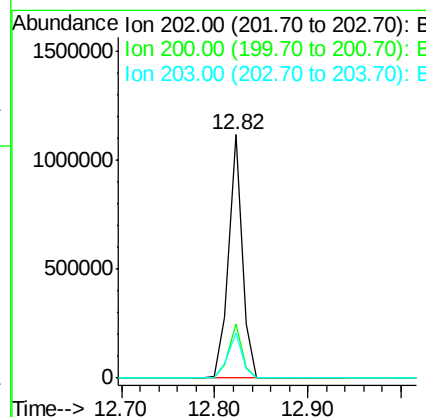
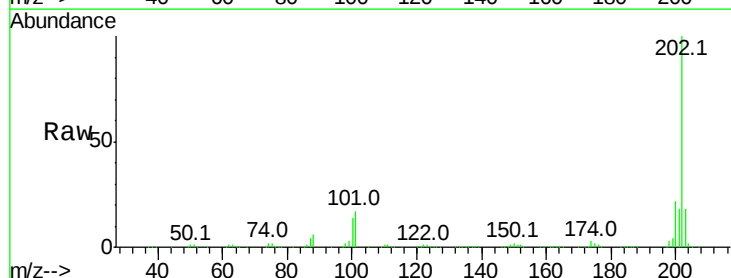
RT: 12.82 min Scan# 983

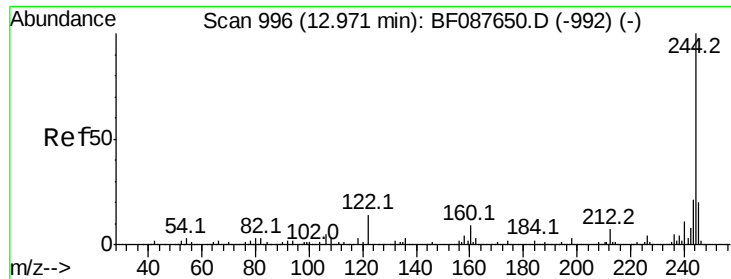
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	202	Resp:	1139944
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.4	26.2
203	18.3	14.5	21.7





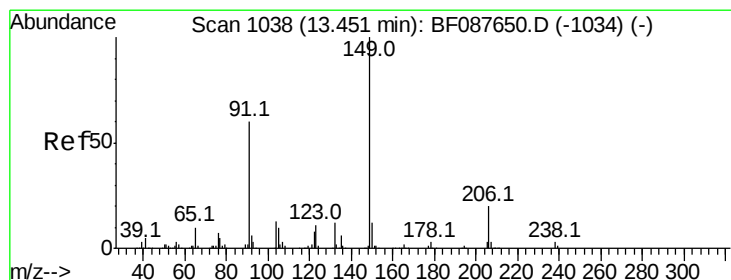
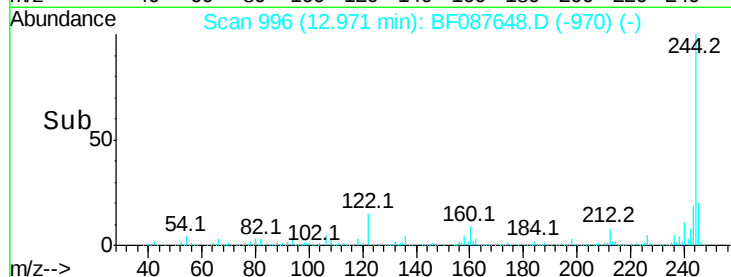
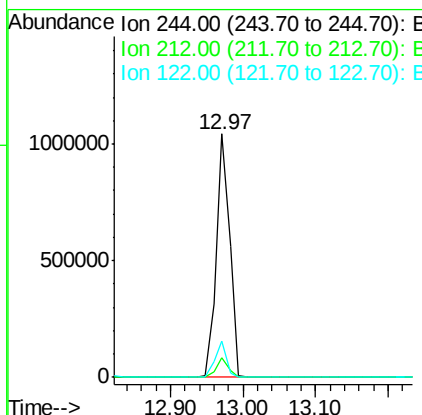
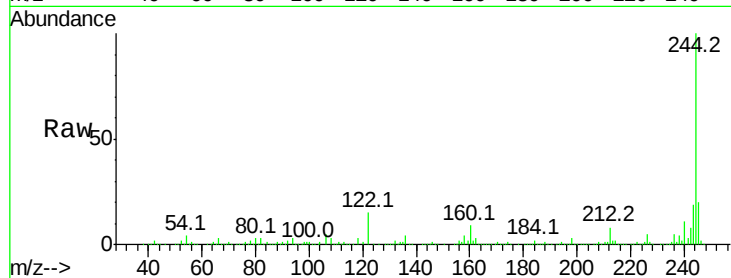
#78
 Terphenyl-d14
 Concen: 94.05 ng
 RT: 12.97 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.8	11.2	16.8

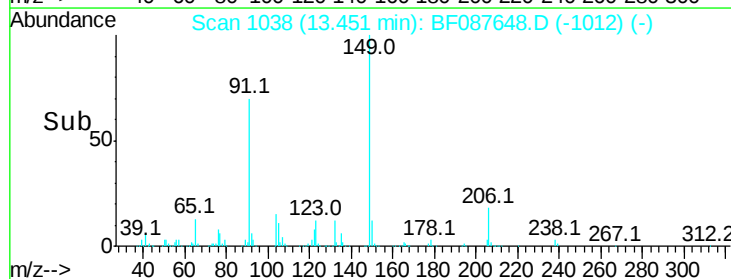
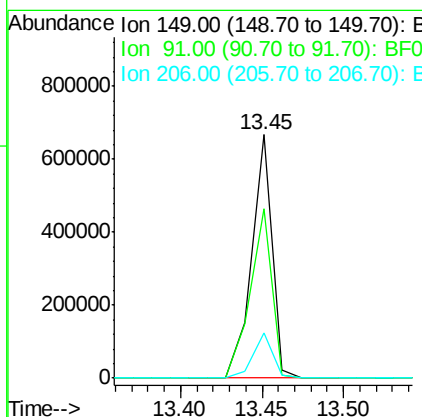
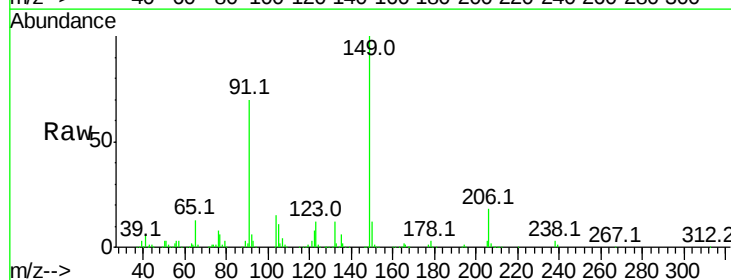
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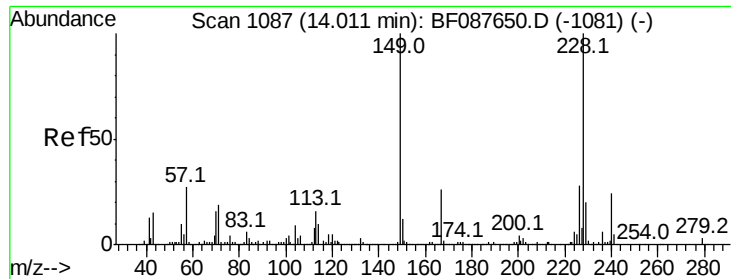
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#79
 Butylbenzylphthalate
 Concen: 58.78 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF087648.D
 Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	48.0	72.0
206	18.4	16.0	24.0





#80

Benzo(a)anthracene

Concen: 52.43 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

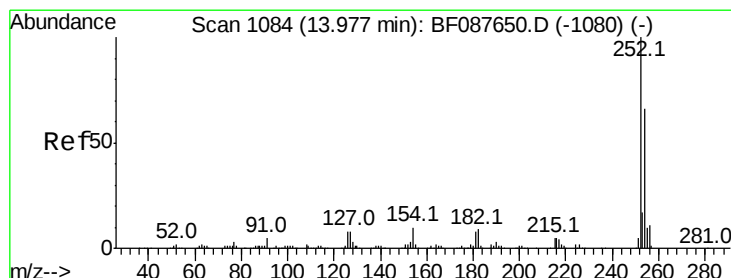
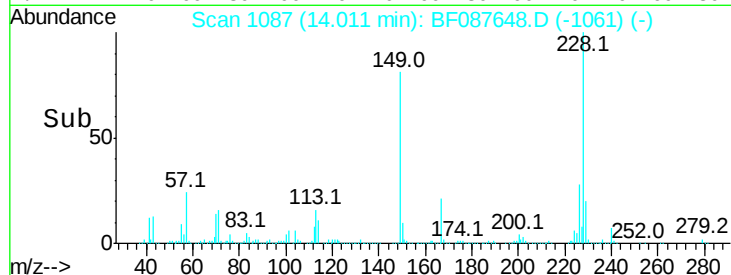
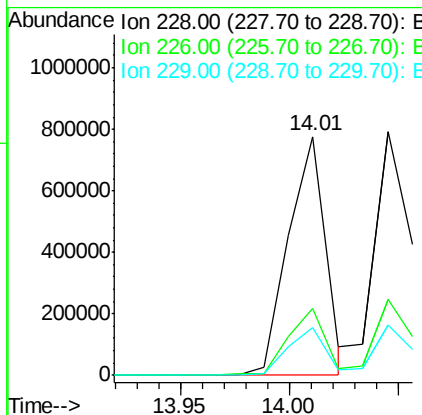
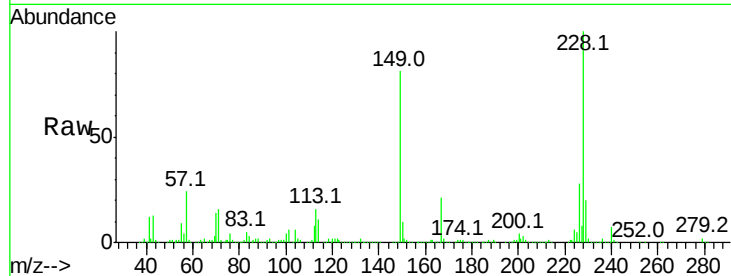
ClientSampleId :

SSTDICC060

Tot Ion:	228	Resp:	926545
Ion Ratio		Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.2	16.0	24.0

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 33.70 ng

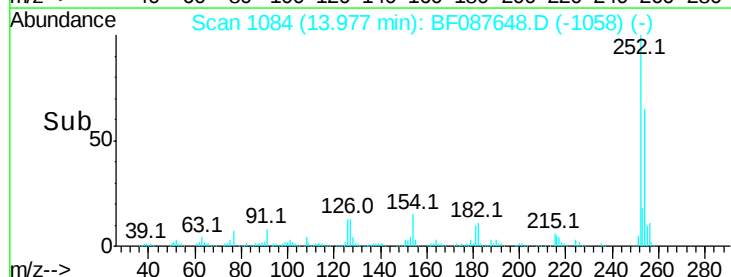
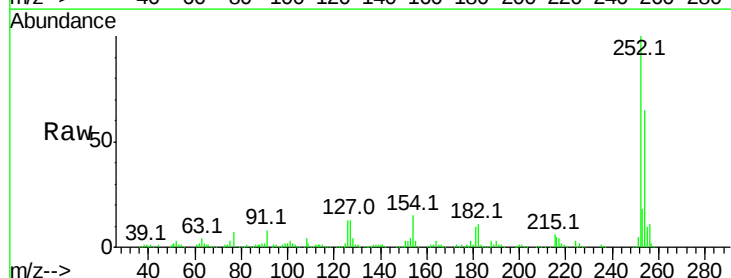
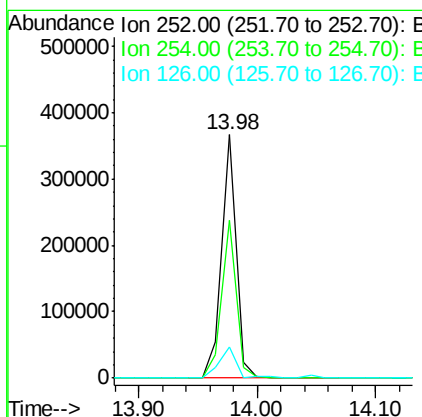
RT: 13.98 min Scan# 1084

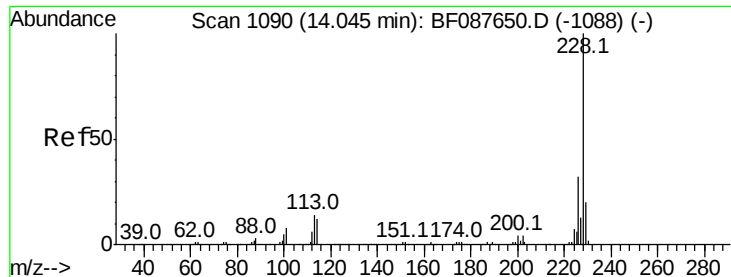
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	252	Resp:	309129
Ion Ratio		Lower	Upper
252	100		
254	64.7	52.6	78.8
126	12.9	6.2	9.2#





#82

Chrysene

Concen: 52.94 ng

RT: 14.05 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

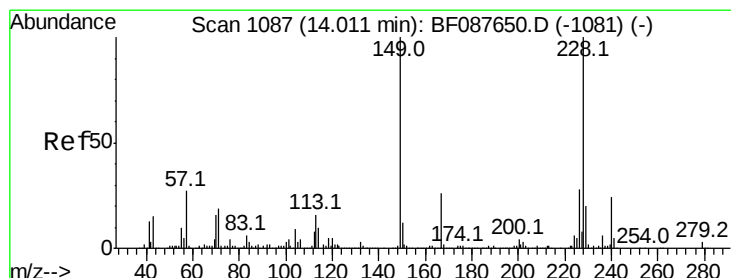
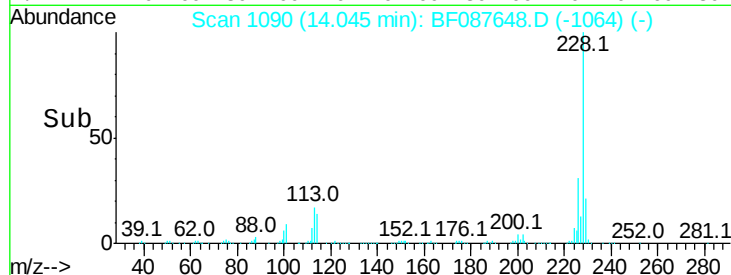
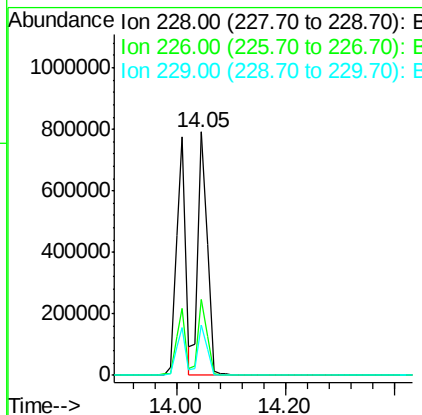
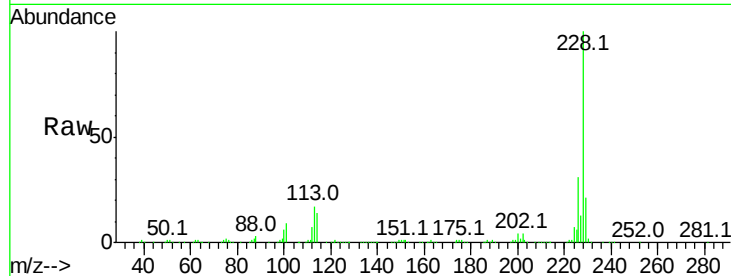
ClientSampleId :

SSTDICC060

Tot Ion:	228	Resp:	931707
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.4	38.2
229	20.7	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.42 ng

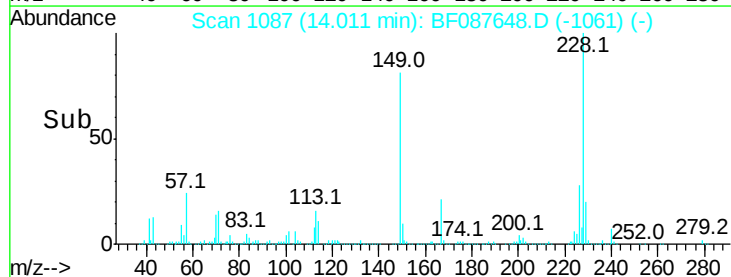
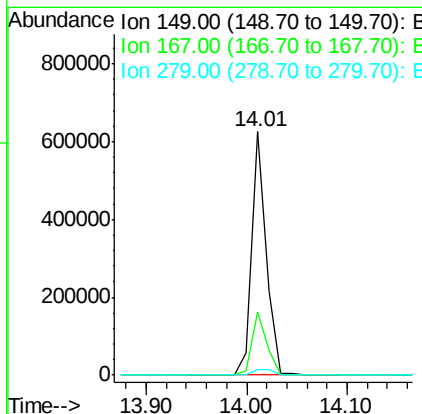
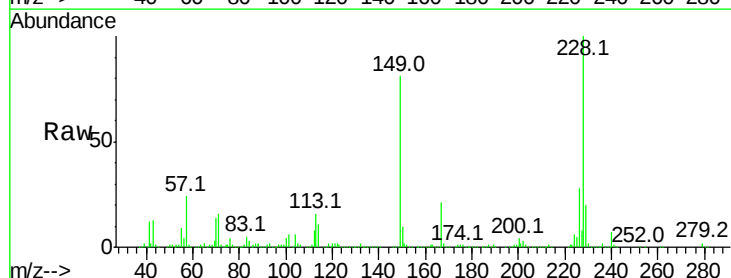
RT: 14.01 min Scan# 1087

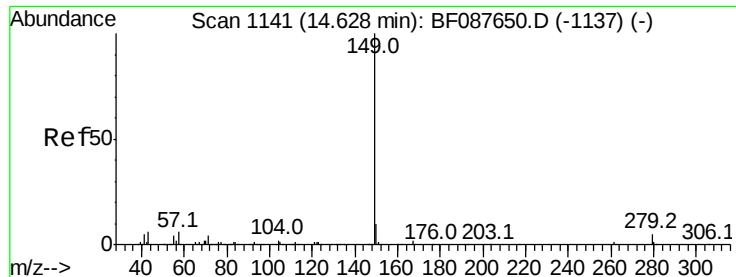
Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	149	Resp:	622966
Ion Ratio		Lower	Upper
149	100		
167	25.7	20.5	30.7
279	2.5	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 56.45 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

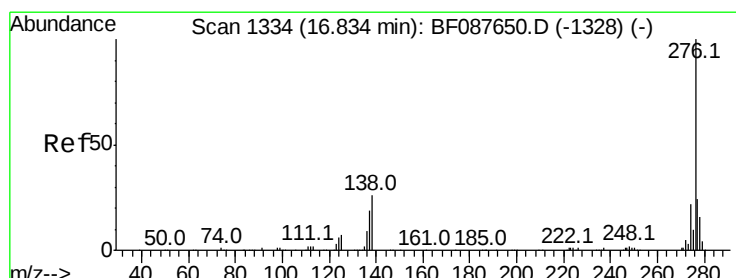
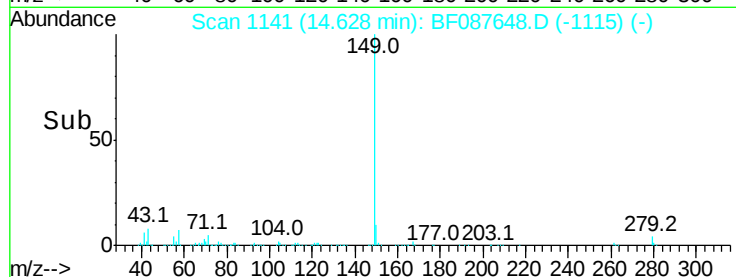
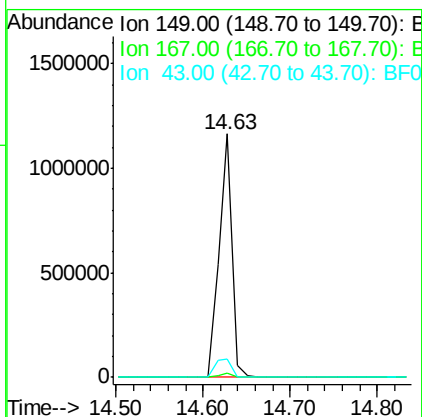
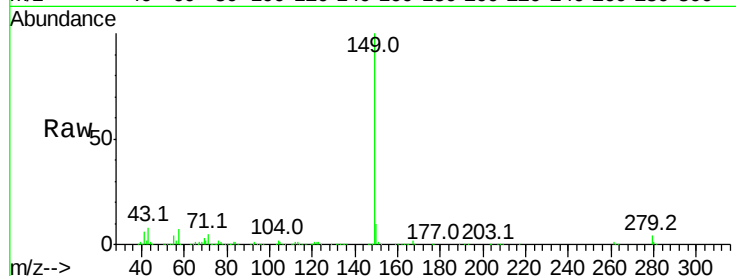
ClientSampleId :

SSTDIC060

Tot Ion:	149	Resp:	1222610
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	10.1	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 62.76 ng

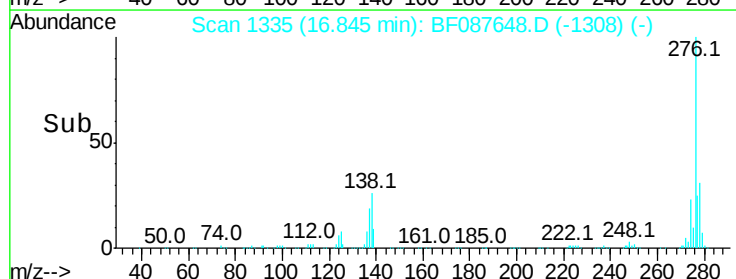
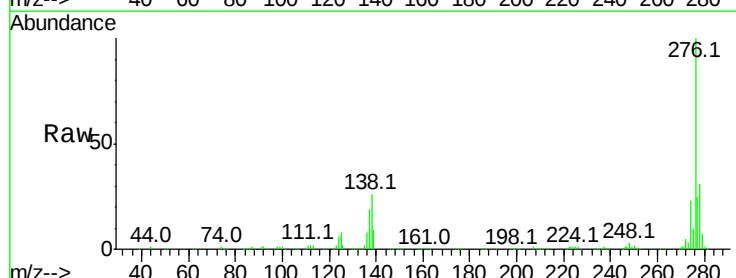
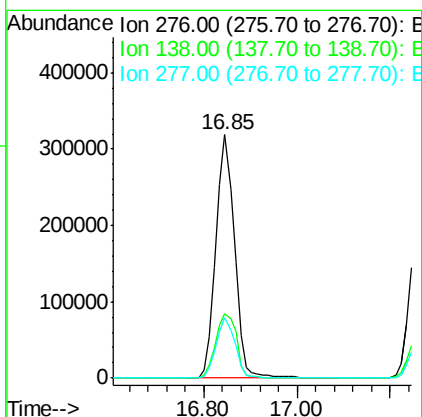
RT: 16.85 min Scan# 1335

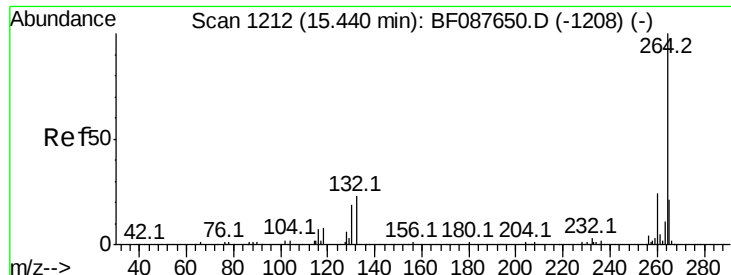
Delta R.T. 0.01 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	276	Resp:	885901
Ion Ratio	Lower	Upper	
276	100		
138	30.1	0.0	0.0#
277	25.1	0.0	0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Instrument :

BNA_F

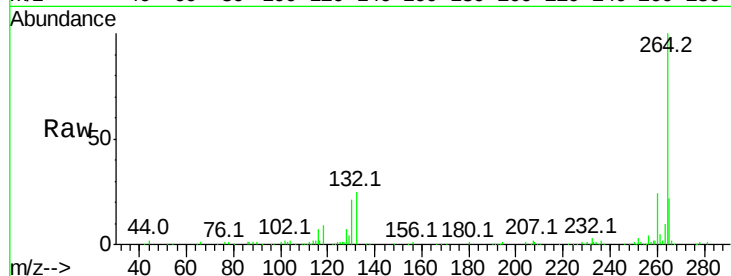
ClientSampleId :

SSTDICC060

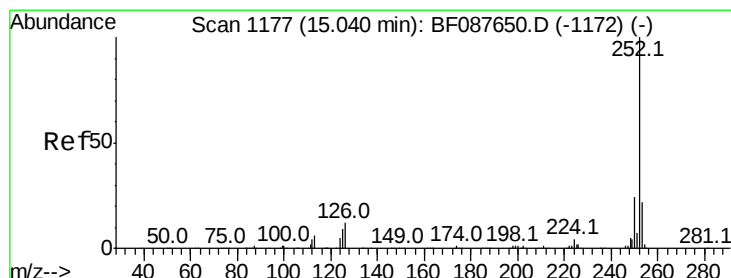
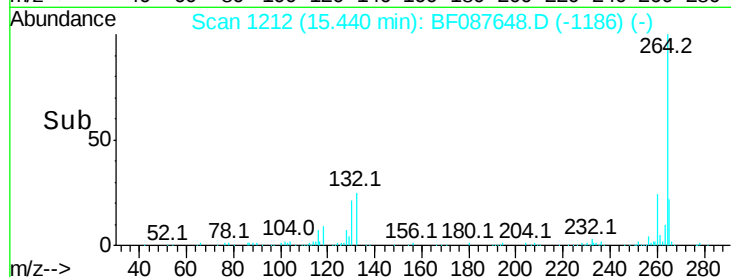
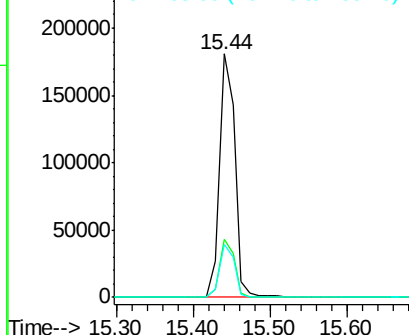
Tot Ion:	264	Resp:	254839
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3

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



#87

Benzo(b)fluoranthene

Concen: 55.13 ng

RT: 15.04 min Scan# 1177

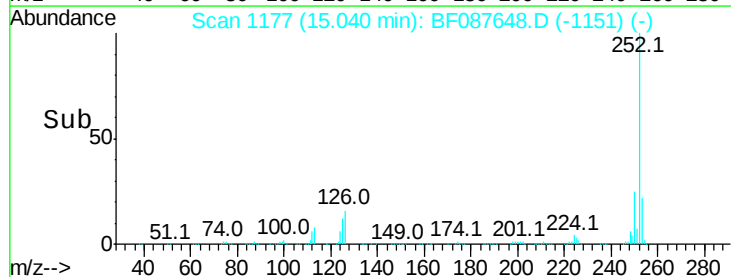
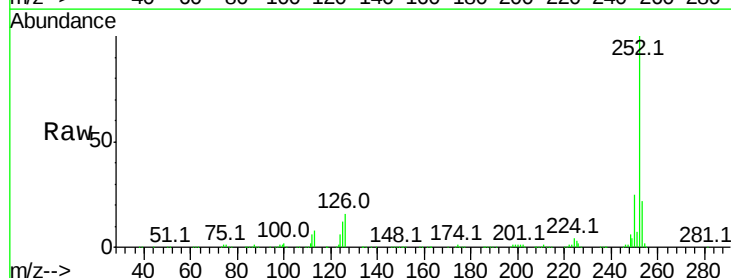
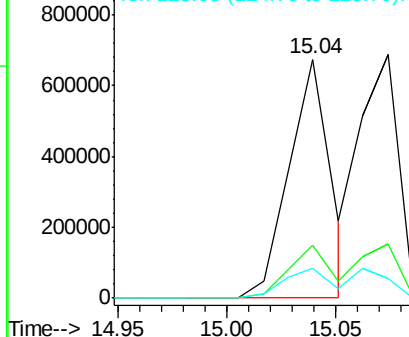
Delta R.T. -0.00 min

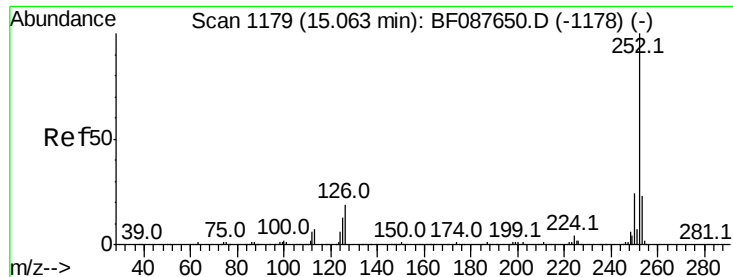
Lab File: BF087648.D

Acq: 4 Jun 2016 3:21

Tgt Ion:	252	Resp:	891233
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	12.4	7.1	10.7#

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





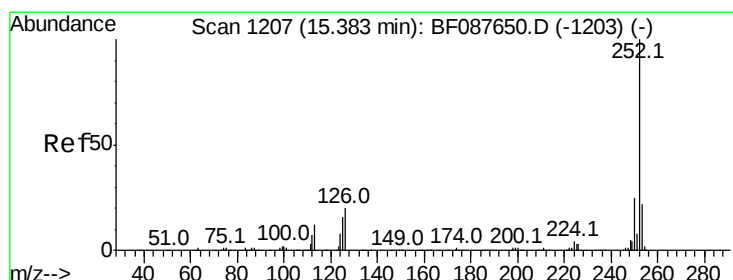
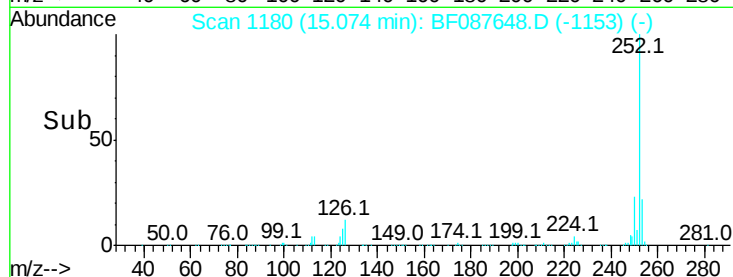
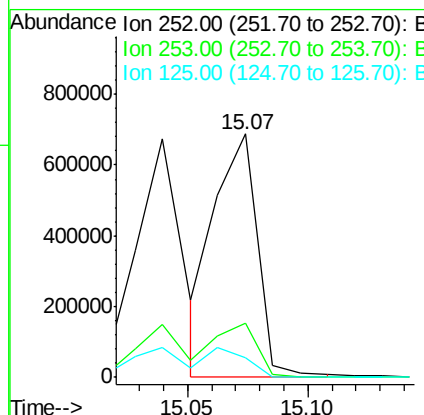
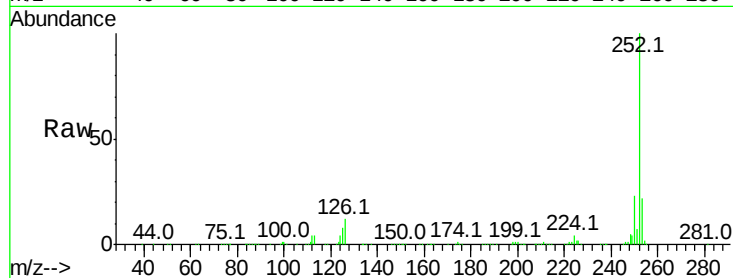
#88
Benzo(k)fluoranthene
Concen: 60.96 ng m
RT: 15.07 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	18.0	27.0
125	7.9	11.2	16.8#

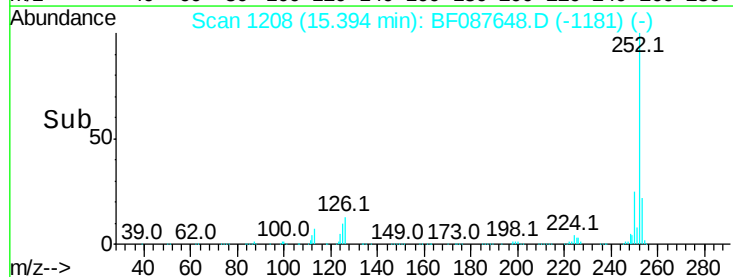
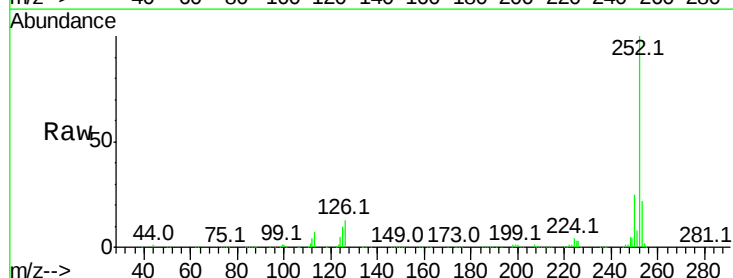
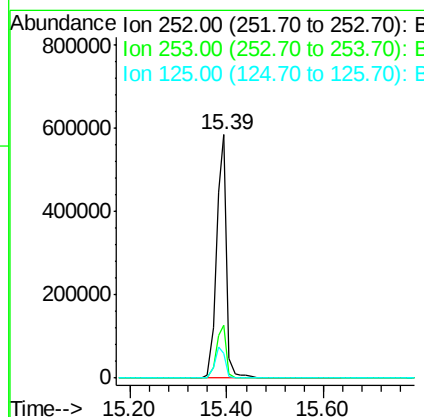
Manual Integrations
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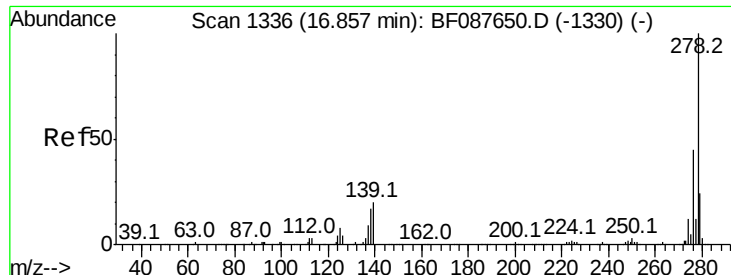
SOHIL
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#89
Benzo(a)pyrene
Concen: 60.39 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.1	12.5	18.7#





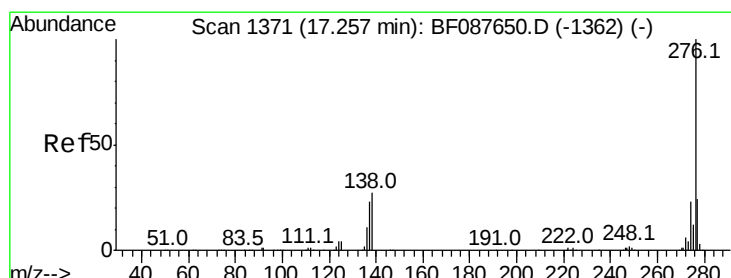
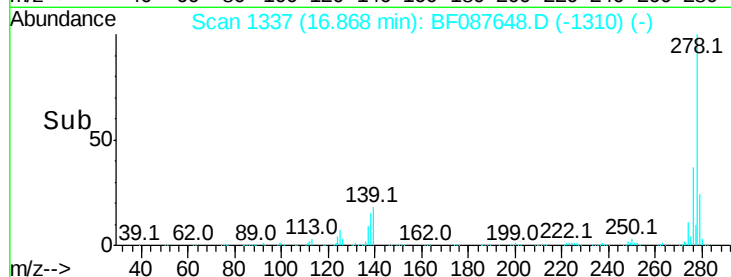
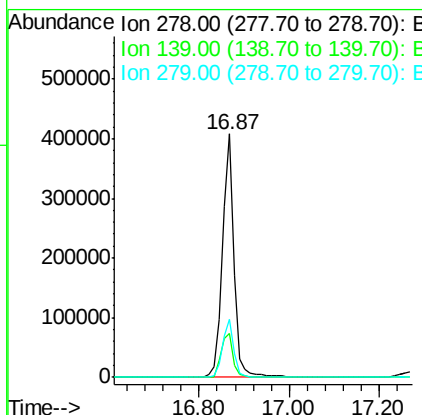
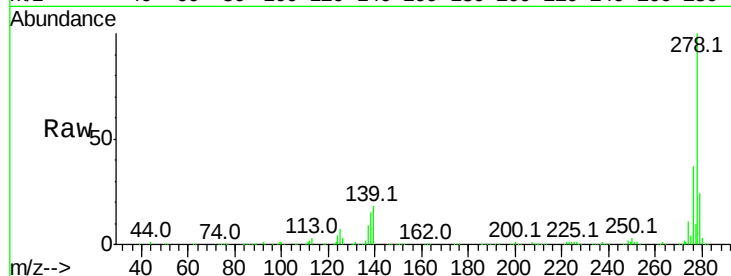
#90
Dibenzo(a,h)anthracene
Concen: 61.35 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	23.9	19.4	29.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 62.86 ng
RT: 17.27 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF087648.D
Acq: 4 Jun 2016 3:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.4	21.4	32.2

