

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087647.D
 Acq On : 4 Jun 2016 2:51
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:17:48 PM

Quant Time: Jun 04 11:04:30 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	119753	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	478060	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	227030	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	408465	20.00	ng	0.00
75) Chrysene-d12	14.02	240	284117	20.00	ng	0.00
86) Perylene-d12	15.45	264	256279	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1078582	156.53	ng	0.00
7) Phenol-d6	6.50	99	1280583	138.33	ng	0.01
23) Nitrobenzene-d5	7.44	82	1185235	129.00	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	283456	130.62	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1691474	105.18	ng	0.00
78) Terphenyl-d14	12.98	244	1735900	133.96	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	271629	75.00	ng	# 26
3) Pyridine	3.20	79	735934	91.28	ng	98
4) n-Nitrosodimethylamine	3.16	42	324249	56.90	ng	99
6) Aniline	6.54	93	962098	79.94	ng	98
8) 2-Chlorophenol	6.65	128	581111	68.91	ng	95
9) Benzaldehyde	6.41	77	368755	67.74	ng	91
10) Phenol	6.51	94	765440	73.62	ng	78
11) bis(2-Chloroethyl)ether	6.60	93	509437	63.69	ng	95
12) 1,3-Dichlorobenzene	6.81	146	680409m	74.13	ng	
13) 1,4-Dichlorobenzene	6.88	146	615732	65.12	ng	97
14) 1,2-Dichlorobenzene	7.04	146	570041m	65.13	ng	
15) Benzyl Alcohol	7.02	79	486391	72.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	807124	46.57	ng	95
17) 2-Methylphenol	7.12	107	515990	75.64	ng	98
18) Hexachloroethane	7.38	117	237152	67.50	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	419707	63.00	ng	# 92
20) 3+4-Methylphenols	7.28	107	543451	66.91	ng	# 87
22) Acetophenone	7.29	105	803153	70.40	ng	# 96
24) Nitrobenzene	7.46	77	649924	66.36	ng	92
25) Isophorone	7.70	82	1155020	69.22	ng	99
26) 2-Nitrophenol	7.77	139	334768	83.81	ng	89
27) 2,4-Dimethylphenol	7.80	122	596772	82.44	ng	94
28) bis(2-Chloroethoxy)methane	7.91	93	633288	66.36	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	503460	79.18	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	497215	68.55	ng	98
31) Naphthalene	8.18	128	1682979	70.48	ng	99
32) Benzoic acid	7.96	122	435087	118.04	ng	98
33) 4-Chloroaniline	8.23	127	819345	91.87	ng	# 94
34) Hexachlorobutadiene	8.30	225	259169	59.75	ng	99
35) Caprolactam	8.63	113	180719	95.34	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	475024	66.41	ng	100
37) 2-Methylnaphthalene	8.87	142	1050568m	70.04	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	445969	62.55	ng	# 1
40) Hexachlorocyclopentadiene	9.03	237	292044	117.21	ng	98

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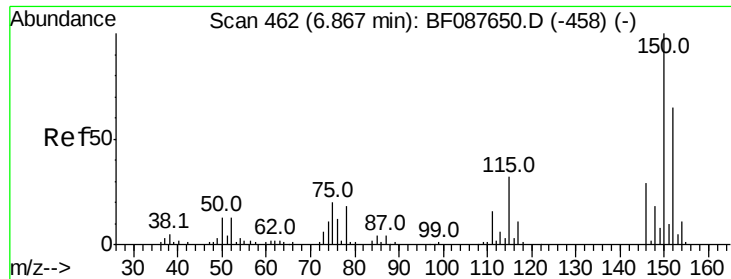
Manual Integrations
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 6/6/2016 7:17:48 PM

Quant Time: Jun 04 11:04:30 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	346661	81.72	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	332308	76.84	nq #	87
45) 1,1'-Biphenyl	9.34	154	1242944	65.65	nq	97
46) 2-Chloronaphthalene	9.36	162	1024082	70.76	nq	99
47) 2-Nitroaniline	9.45	65	329130	65.23	nq	92
48) Acenaphthylene	9.77	152	1418864	61.39	nq	98
49) Dimethylphthalate	9.64	163	1183952	65.47	nq	99
50) 2,6-Dinitrotoluene	9.70	165	310904	83.42	nq	98
51) Acenaphthene	9.94	154	908008	63.17	nq	99
52) 3-Nitroaniline	9.86	138	319013	84.78	nq	98
53) 2,4-Dinitrophenol	9.96	184	135087	86.99	nq	98
54) Dibenzofuran	10.11	168	1229999	62.89	nq #	88
55) 4-Nitrophenol	10.02	139	308922	153.81	nq #	73
56) 2,4-Dinitrotoluene	10.10	165	402498	81.59	nq #	82
58) 2,3,4,6-Tetrachlorophenol	10.23	232	252244	76.27	nq #	50
59) Diethylphthalate	10.34	149	1183905	67.56	nq	97
61) 4-Nitroaniline	10.48	138	334163	92.68	nq	94
62) Azobenzene	10.60	77	1211145	67.77	nq	93
65) n-Nitrosodiphenylamine	10.57	169	881827	67.16	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	281154	63.18	nq #	80
67) Hexachlorobenzene	11.00	284	345911	75.00	nq #	81
68) Atrazine	11.10	200	299991	71.61	nq	91
69) Pentachlorophenol	11.19	266	200088	133.49	nq	99
70) Phenanthrene	11.42	178	1444462	64.65	nq	98
71) Anthracene	11.47	178	1627677	70.81	nq	99
72) Carbazole	11.62	167	1564427	80.16	nq	99
73) Di-n-butylphthalate	11.95	149	1637535	65.89	nq	99
74) Fluoranthene	12.59	202	1600387	70.89	nq	97
76) Benzidine	12.72	184	696223	85.82	nq	99
77) Pyrene	12.83	202	1654748	81.08	nq	100
79) Butylbenzylphthalate	13.45	149	668598	74.21	nq #	83
80) Benzo(a)anthracene	14.01	228	1166007	72.02	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	353235	42.03	nq #	95
82) Chrysene	14.06	228	1270611	78.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	777114	60.48	nq	100
84) Di-n-octyl phthalate	14.63	149	1555454	78.40	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	1187886	91.85	nq #	100
87) Benzo(b)fluoranthene	15.04	252	1407860m	86.60	nq	
89) Benzo(a)pyrene	15.39	252	1028089	72.46	nq	99
90) Dibenzo(a,h)anthracene	16.88	278	968304	80.41	nq	97
91) Benzo(g,h,i)perylene	17.28	276	1003852	84.22	nq	99

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



#1

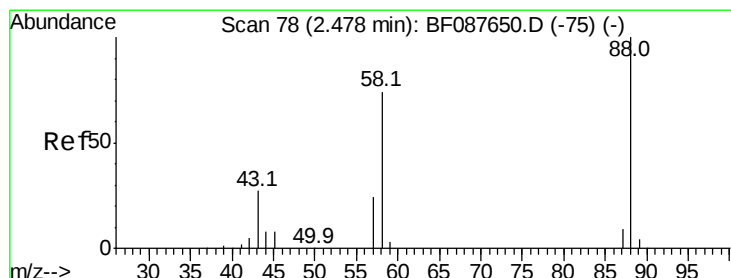
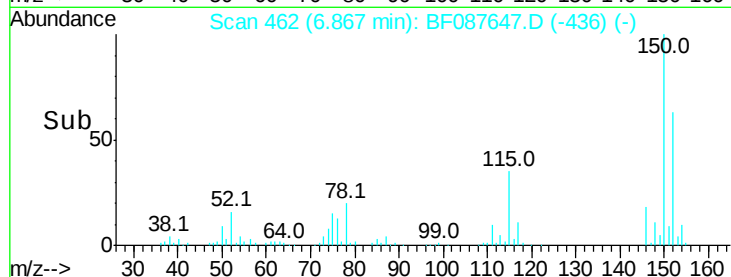
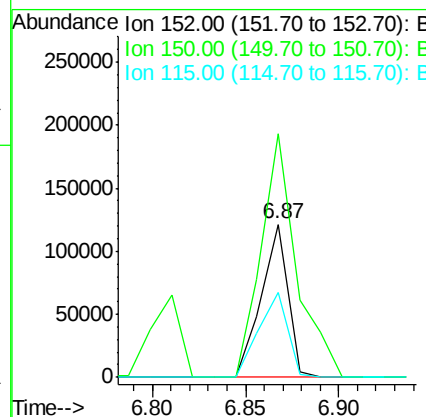
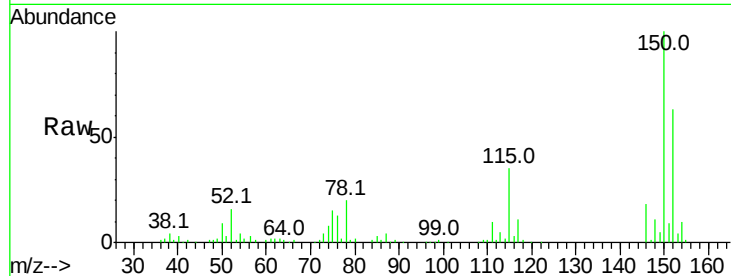
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	55.5	39.6	59.4

Manual Integrations
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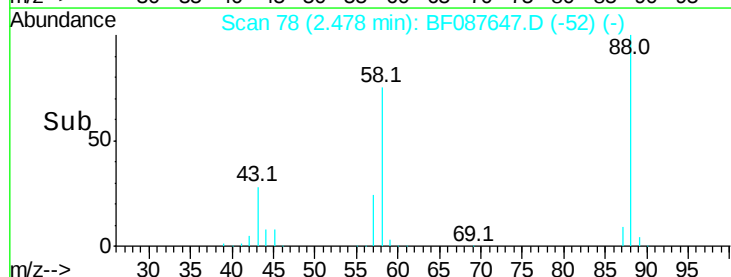
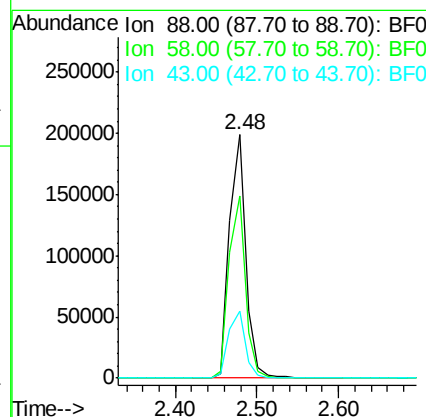
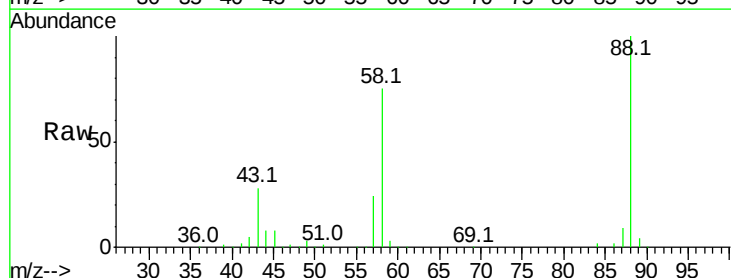
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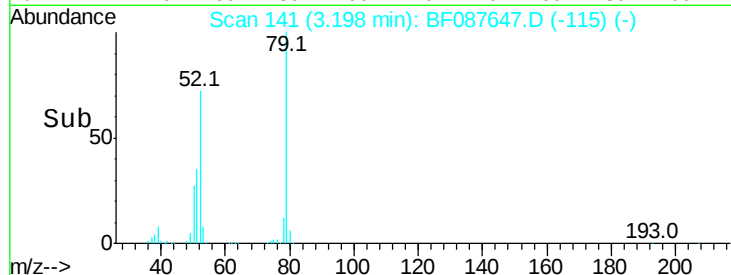
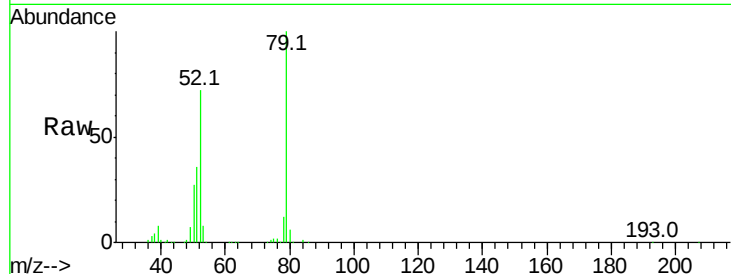
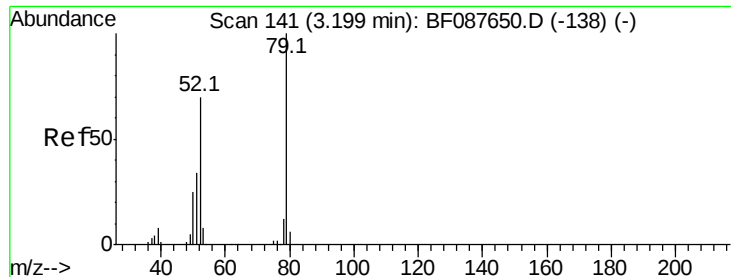


#2

1,4-Dioxane
Concen: 75.00 ng
RT: 2.48 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	0.0	0.0#
43	28.8	3.4	5.2#





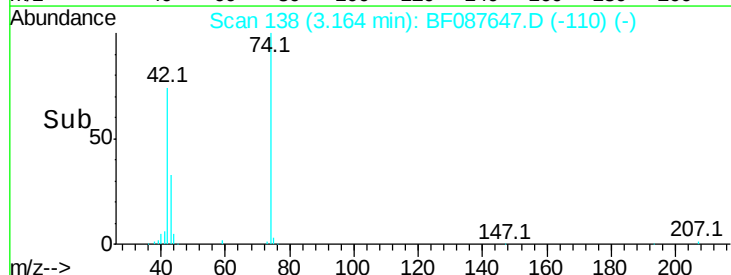
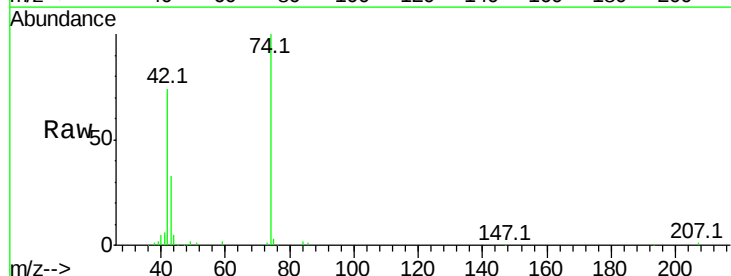
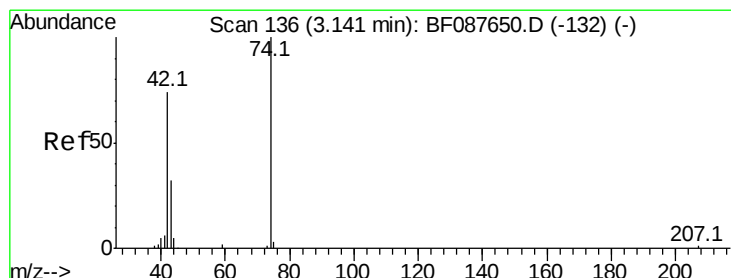
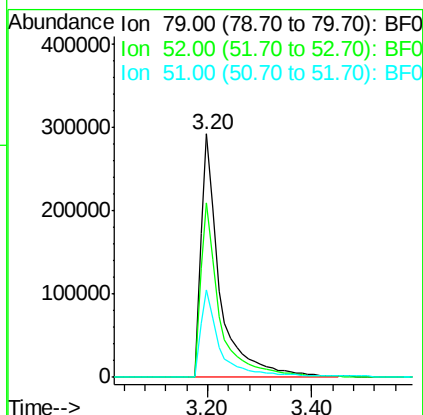
#3
Pvridine
Concen: 91.28 ng
RT: 3.20 min Scan# 141
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	56.3	84.5
51	35.7	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

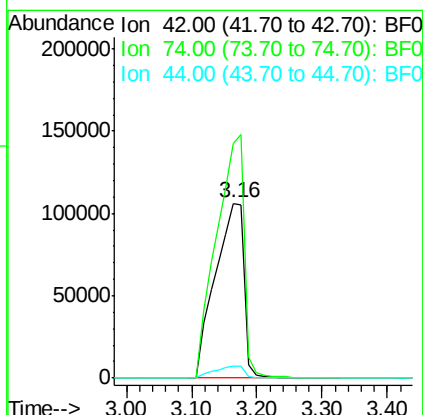
Manual Integrations
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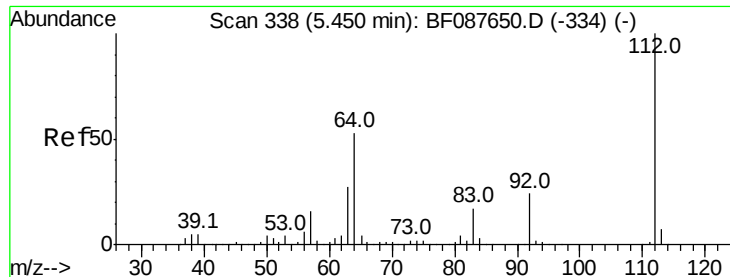
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#4
n-Nitrosodimethylamine
Concen: 56.90 ng
RT: 3.16 min Scan# 138
Delta R.T. 0.02 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.4	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 156.53 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

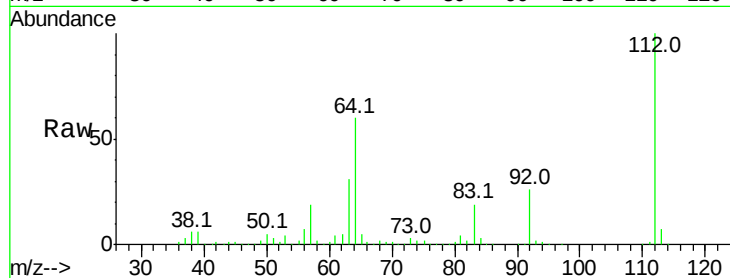
ClientSampleId :

SSTDICC080

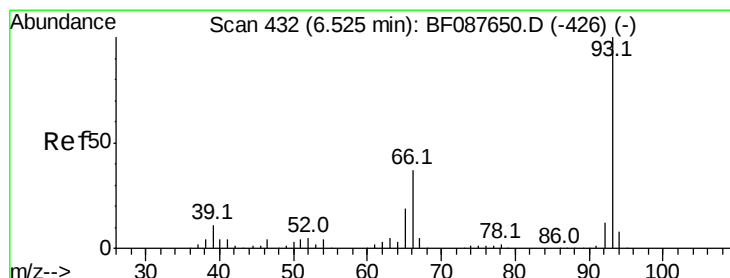
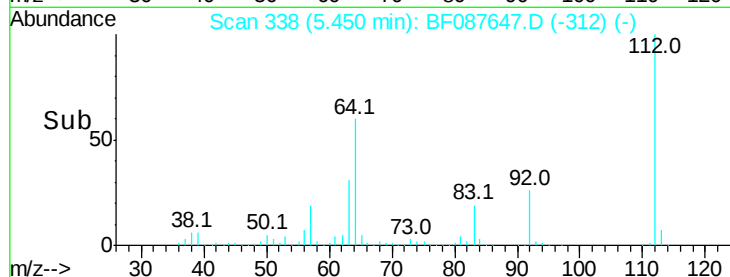
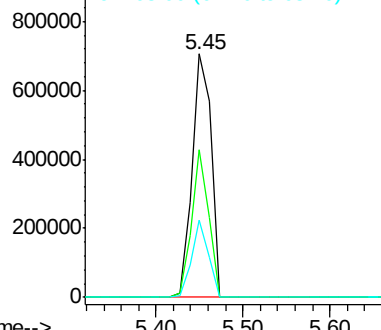
Tot Ion:	112	Resp:	1078582
Ion	Ratio	Lower	Upper
112	100		
64	60.4	42.2	63.2
63	31.5	21.8	32.8

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



#6

Aniline

Concen: 79.94 ng

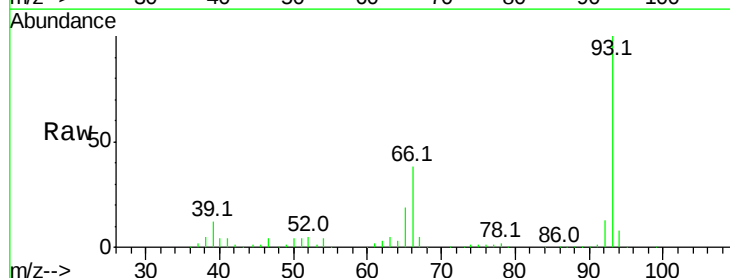
RT: 6.54 min Scan# 433

Delta R.T. 0.01 min

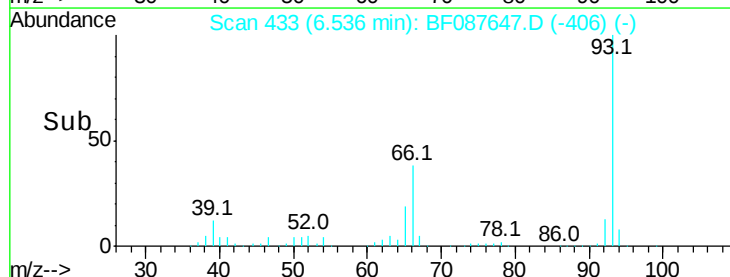
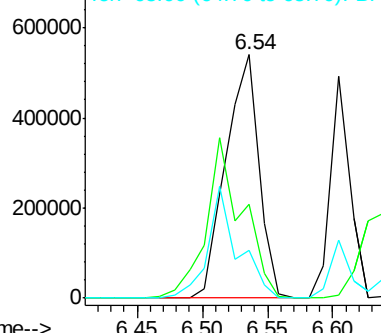
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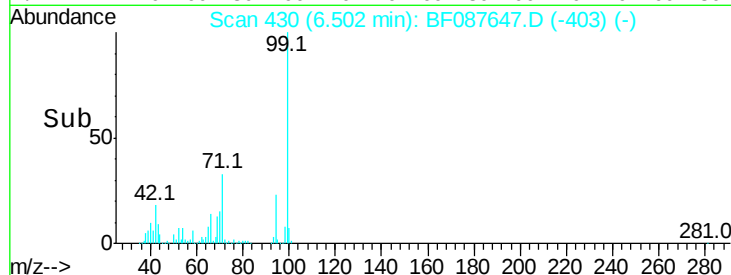
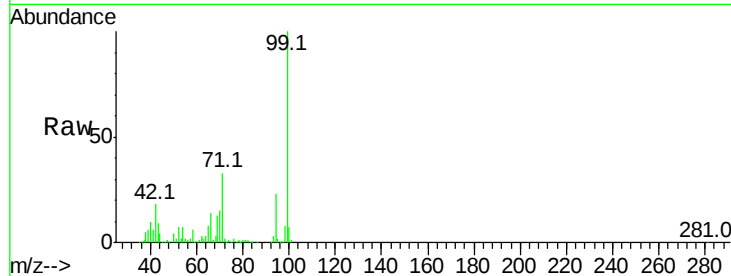
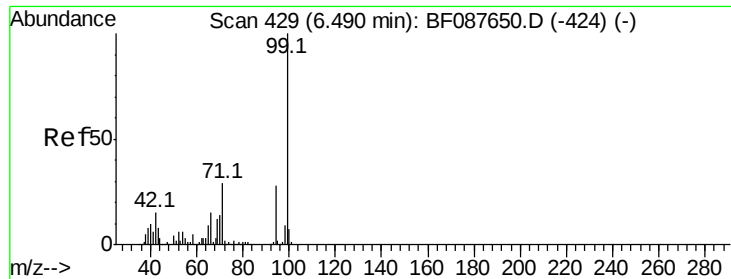
Acq: 4 Jun 2016 2:51

Tgt Ion:	93	Resp:	962098
Ion	Ratio	Lower	Upper
93	100		
66	38.4	29.8	44.8
65	19.4	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 138.33 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tot Ion: 99 Resp: 1280583

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 33.1 23.4 35.0

Instrument :

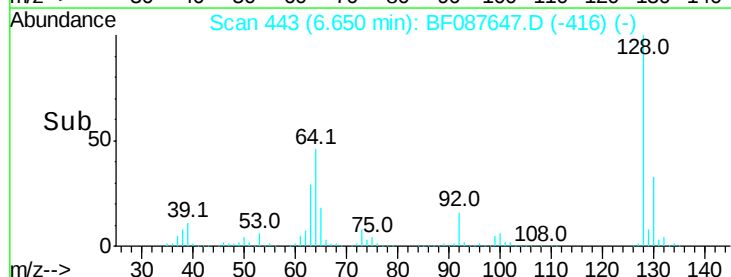
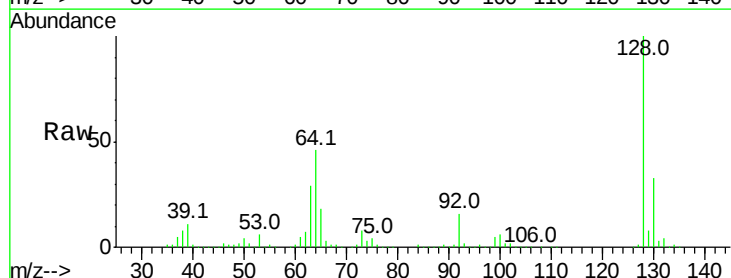
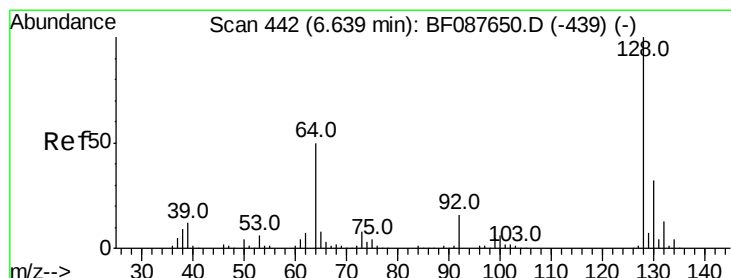
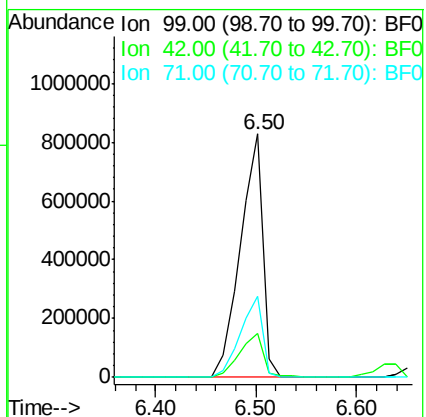
BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations
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#8

2-Chlorophenol

Concen: 68.91 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

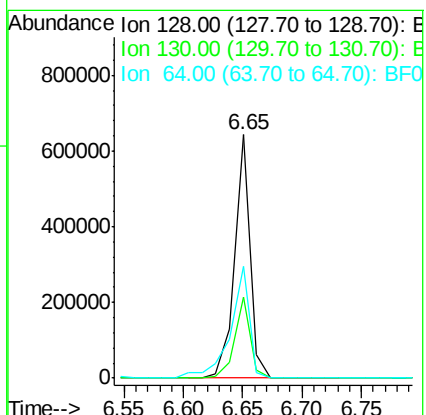
Tgt Ion: 128 Resp: 581111

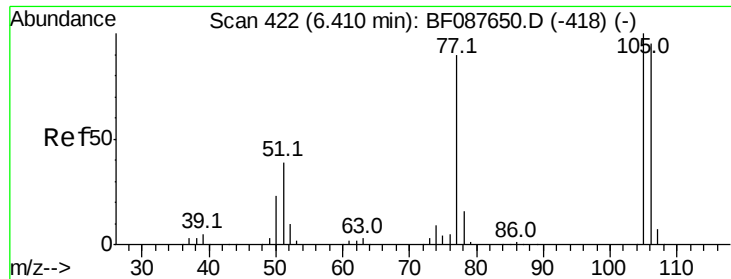
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 46.0 30.8 70.8





#9

Benzaldehyde

Concen: 67.74 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

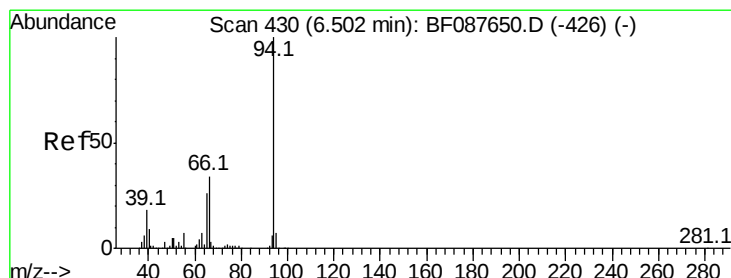
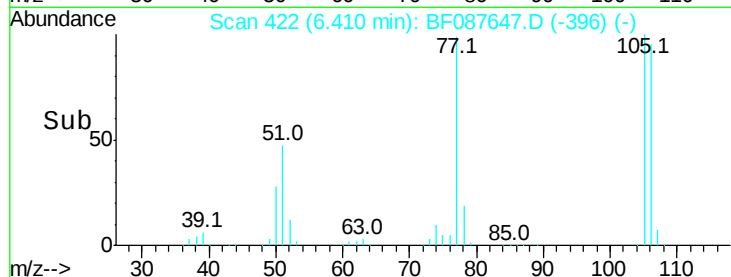
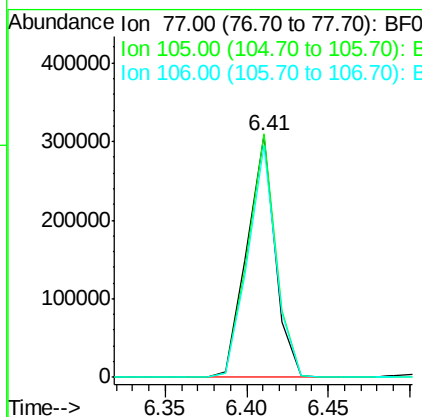
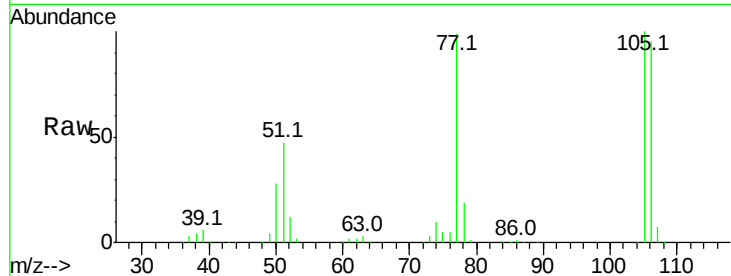
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	368755
Ion Ratio	Lower	Upper	
77	100		
105	100.7	90.6	130.6
106	95.9	85.3	125.3

Manual Integrations
APPROVED

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6/6/2016 7:17:48 PM



#10

Phenol

Concen: 73.62 ng

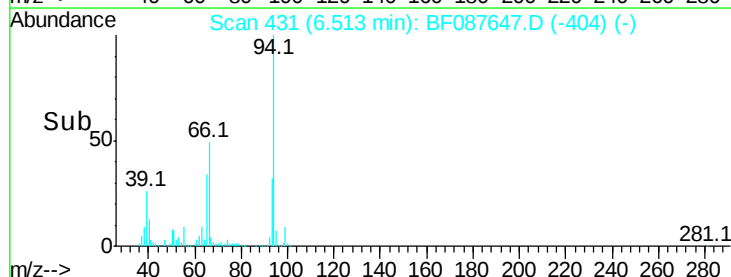
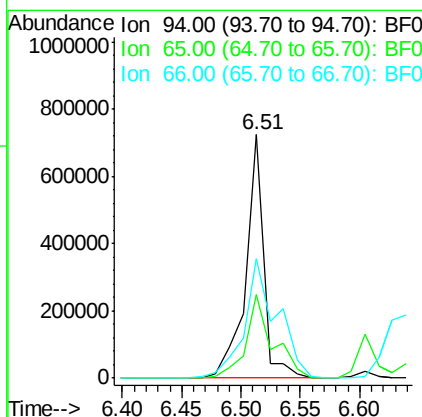
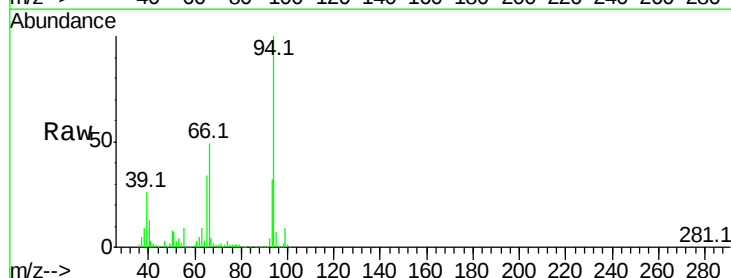
RT: 6.51 min Scan# 431

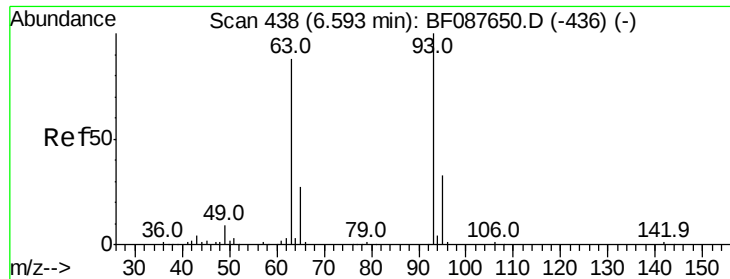
Delta R.T. 0.01 min

Lab File: BF087647.D

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Tgt Ion:	94	Resp:	765440
Ion Ratio	Lower	Upper	
94	100		
65	34.4	5.9	45.9
66	49.0	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 63.69 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 509437

Ion Ratio Lower Upper

93 100

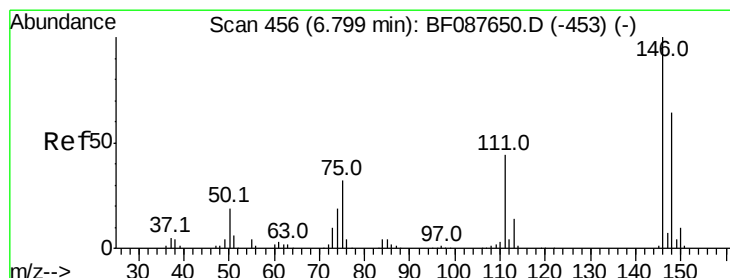
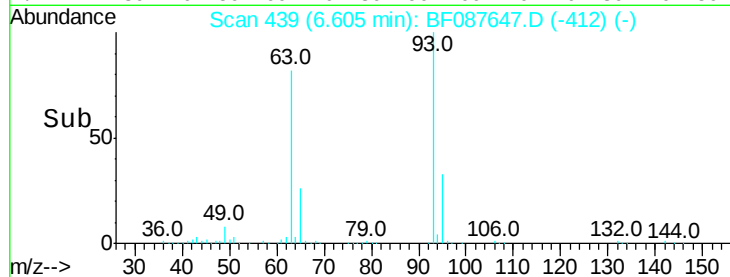
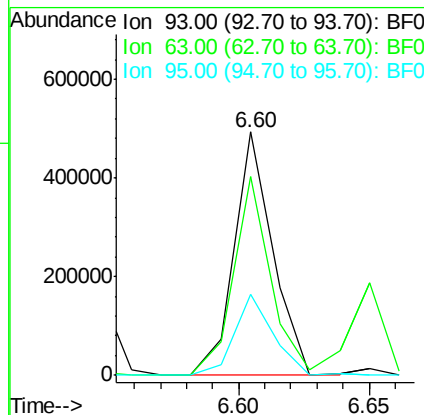
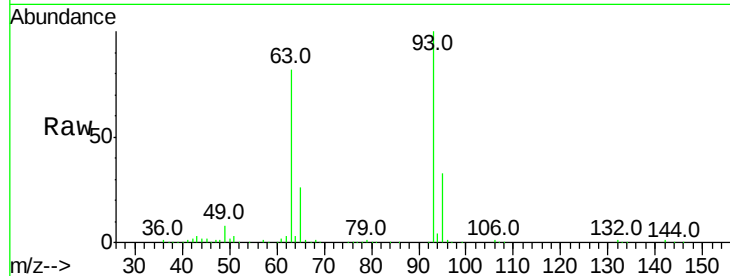
63 81.8 67.6 107.6

95 33.1 12.5 52.5

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#12

1,3-Dichlorobenzene

Concen: 74.13 ng m

RT: 6.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

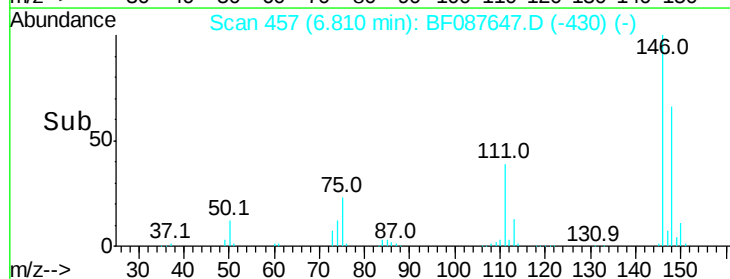
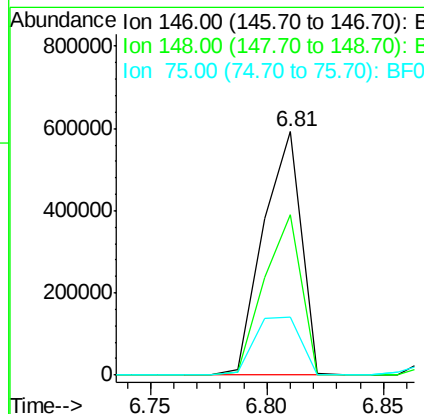
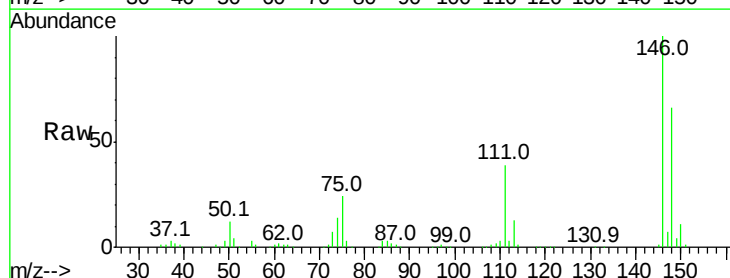
Tgt Ion: 146 Resp: 680409

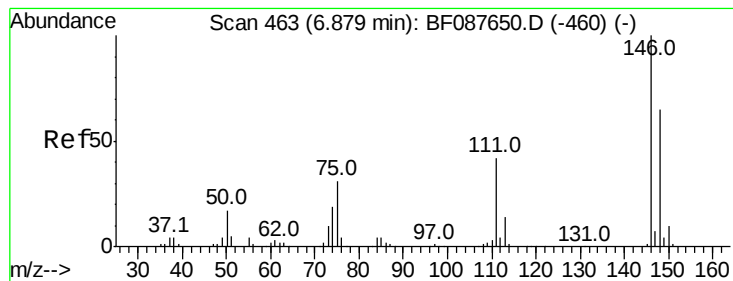
Ion Ratio Lower Upper

146 100

148 65.9 50.9 76.3

75 23.6 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 65.12 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 615732

Ion Ratio Lower Upper

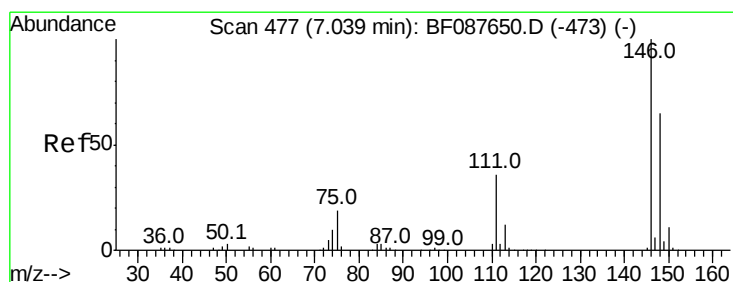
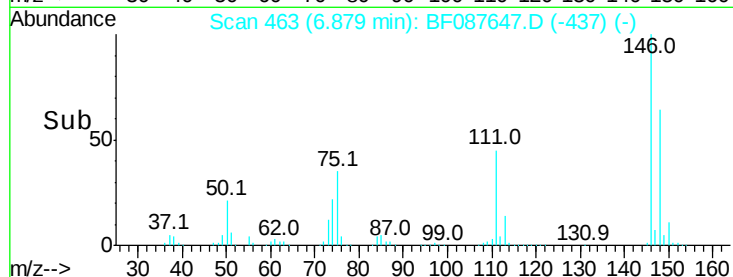
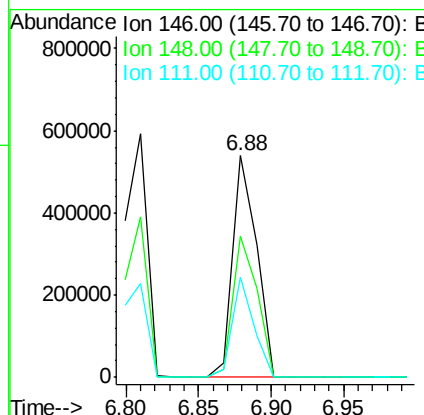
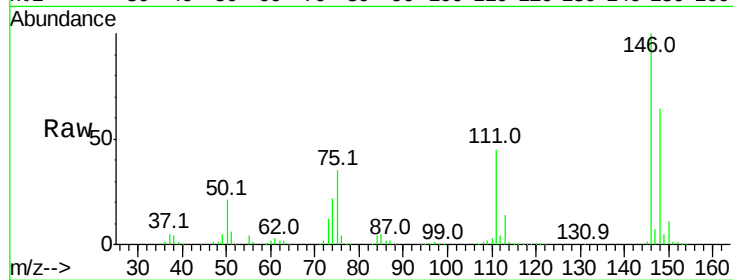
146 100

148 63.6 52.0 78.0

111 45.1 33.8 50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 65.13 ng m

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

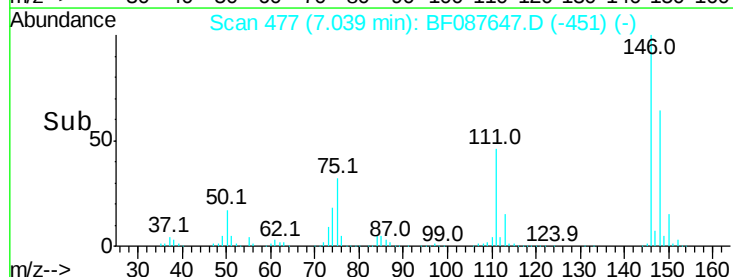
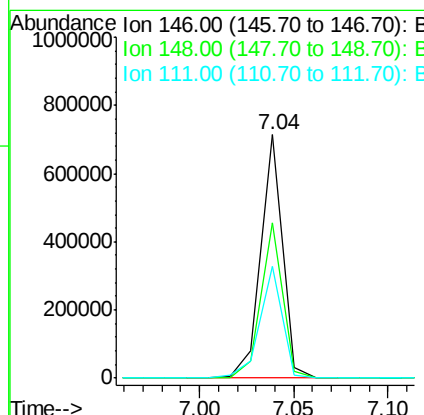
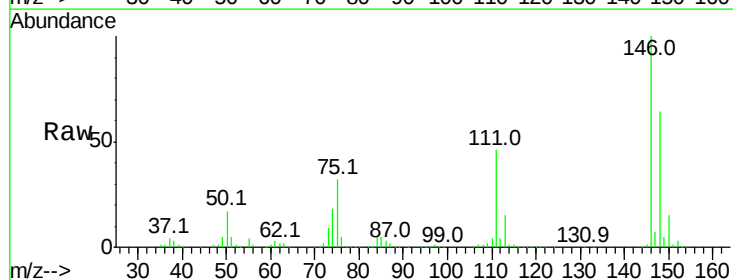
Tgt Ion:146 Resp: 570041

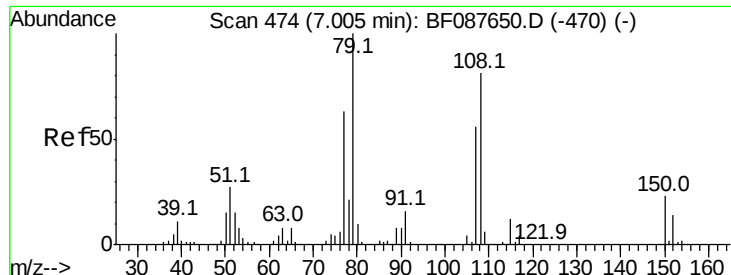
Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

111 46.1 28.7 43.1#





#15

Benzyl Alcohol

Concen: 72.40 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

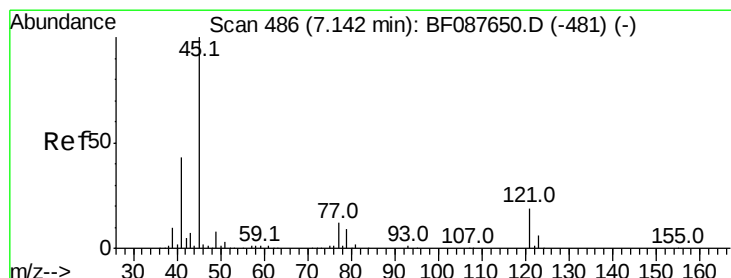
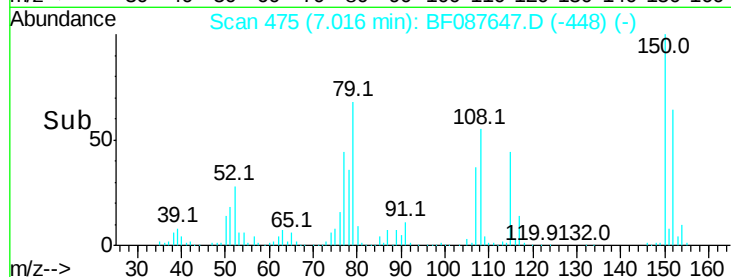
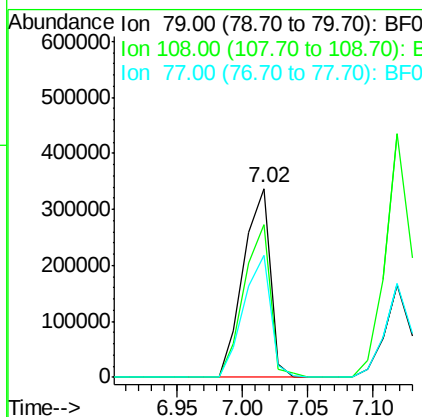
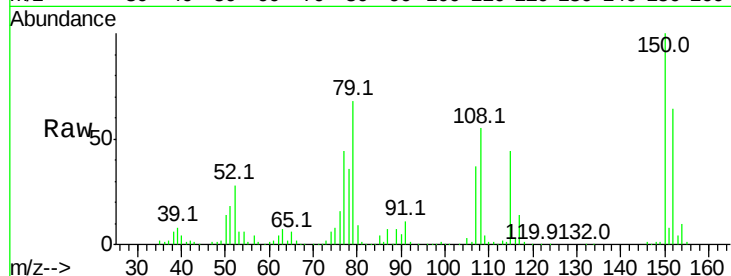
ClientSampled :

SSTDIC080

Tot Ion:	79	Resp:	486391
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.0	97.6
77	64.5	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.57 ng

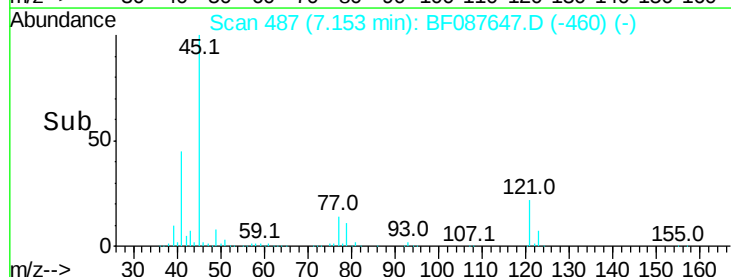
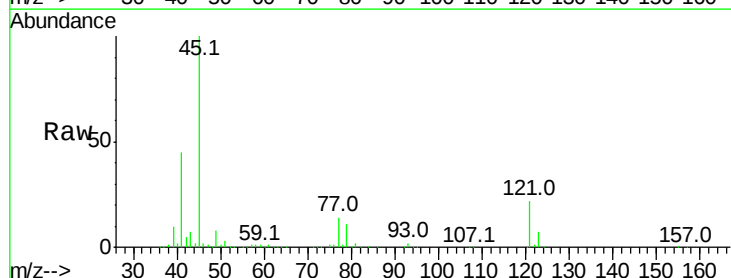
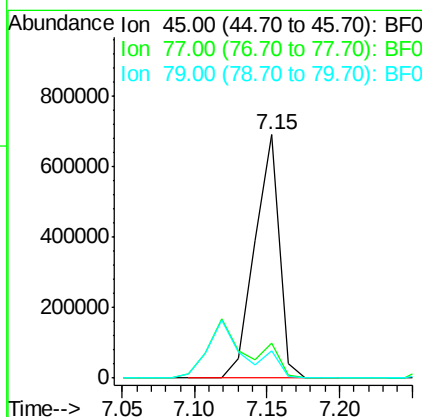
RT: 7.15 min Scan# 487

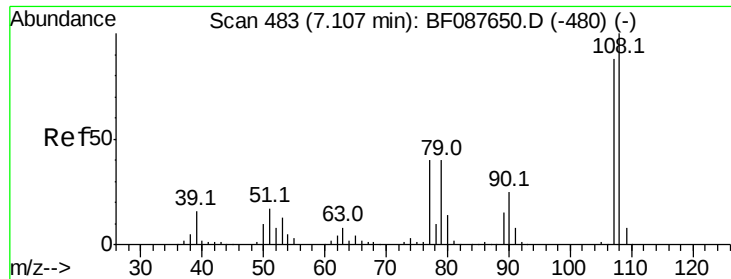
Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tgt Ion:	45	Resp:	807124
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	32.5
79	11.4	0.0	29.5





#17

2-Methylphenol

Concen: 75.64 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

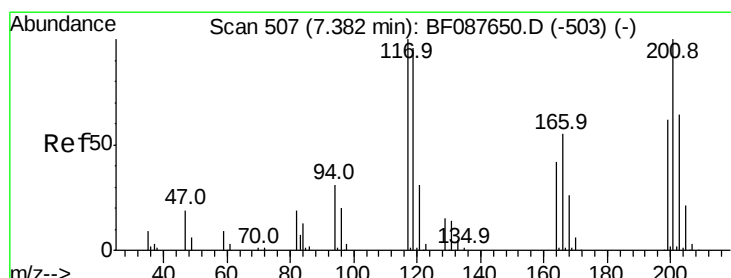
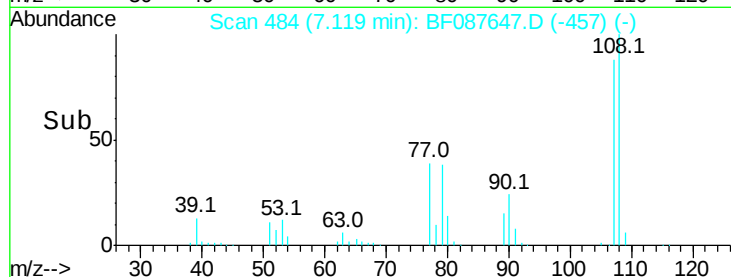
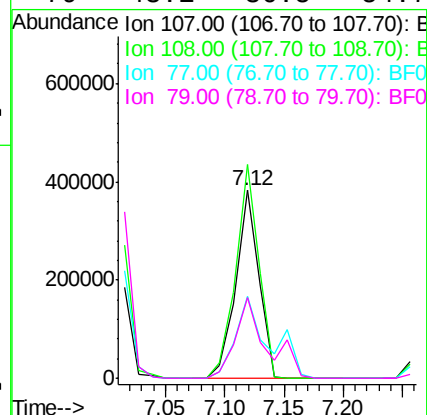
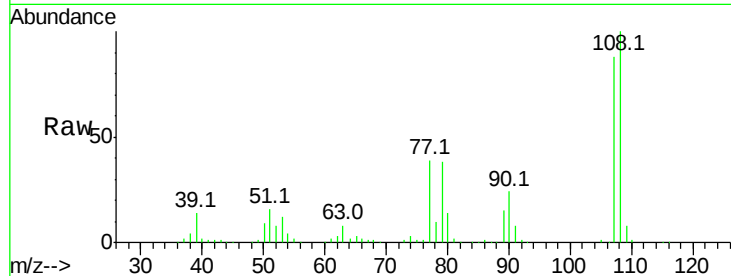
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	515990		
108	113.8		90.9	136.3
77	43.9		36.6	55.0
79	43.1		36.5	54.7

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#18

Hexachloroethane

Concen: 67.50 ng

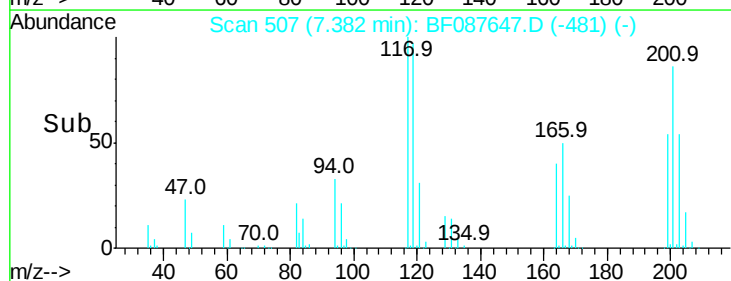
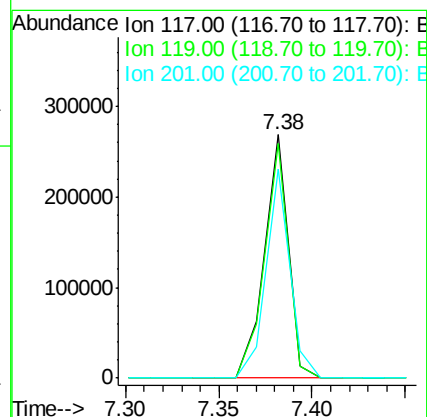
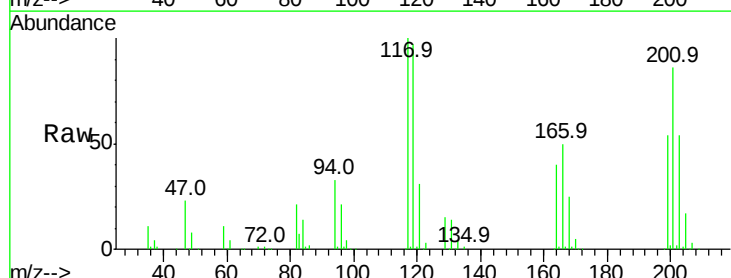
RT: 7.38 min Scan# 507

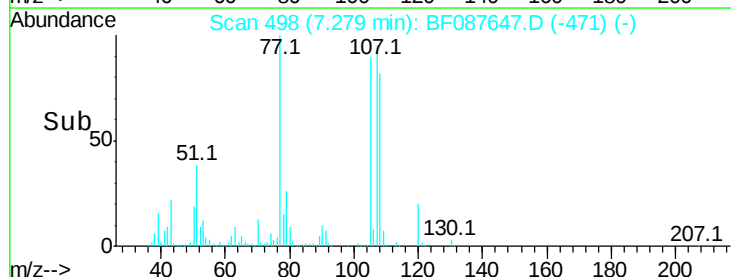
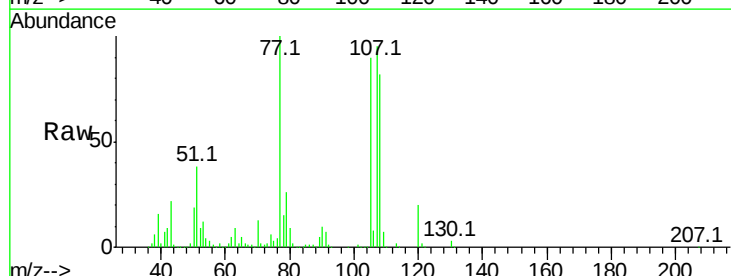
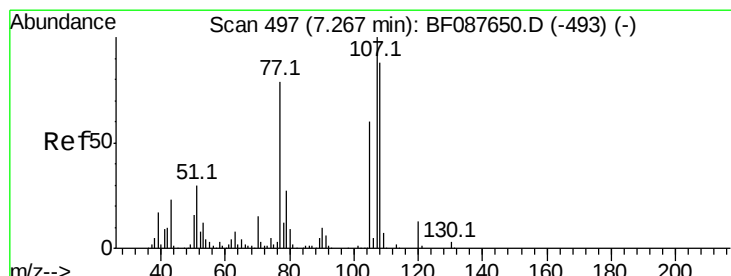
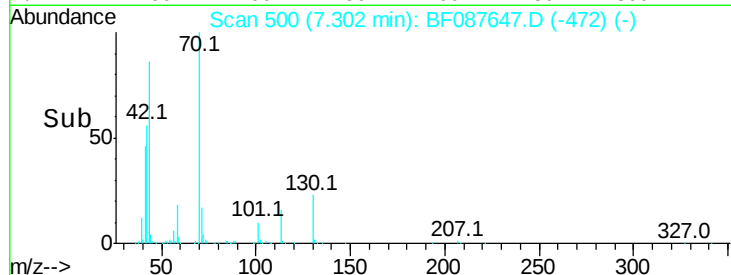
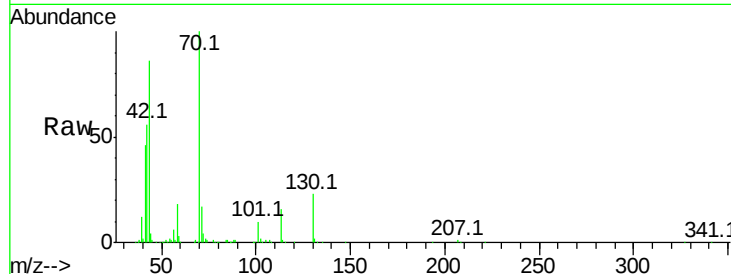
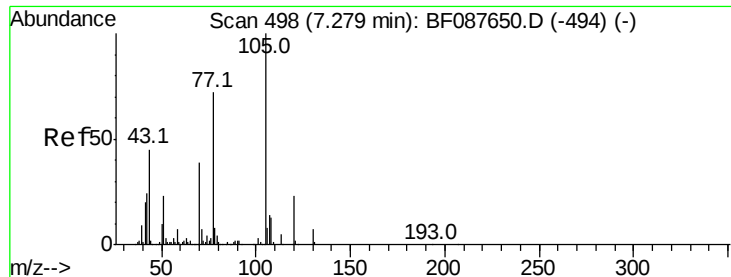
Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	237152		
119	96.6		77.4	116.2
201	85.7		80.4	120.6





#19

n-Nitroso-di-n-propylamine

Concen: 63.00 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.02 min

Lab File: BF087647.D

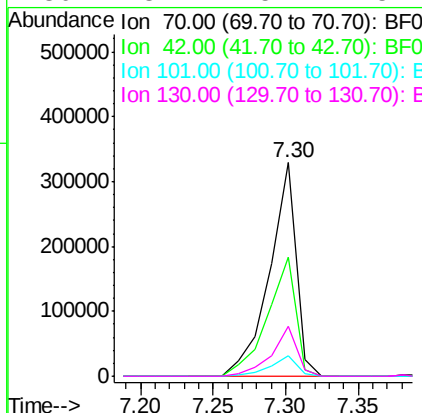
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	49.6	74.4
101	9.7	7.1	10.7
130	23.4	15.4	23.2#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 66.91 ng

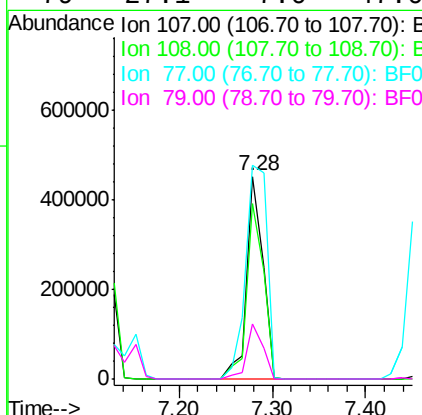
RT: 7.28 min Scan# 498

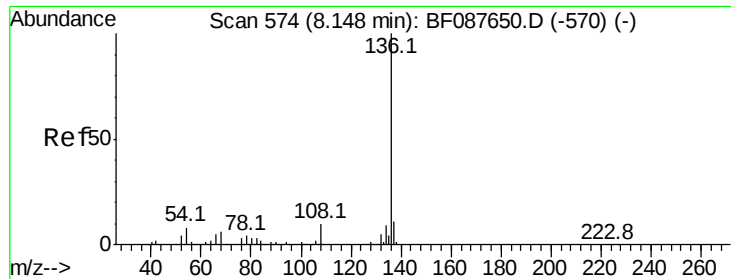
Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.8	107.8
77	105.4	59.3	99.3#
79	27.1	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: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

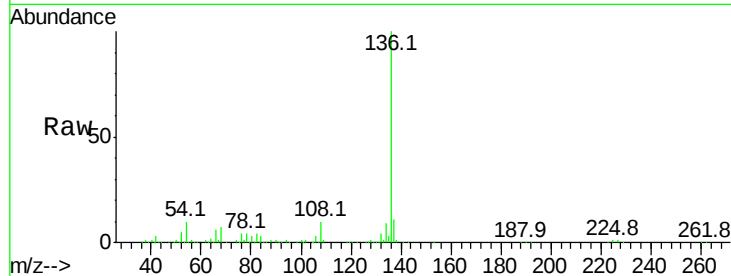
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	478060		
137	11.3	9.1	13.7	
54	9.7	6.6	10.0	
68	7.2	5.1	7.7	

Manual Integrations
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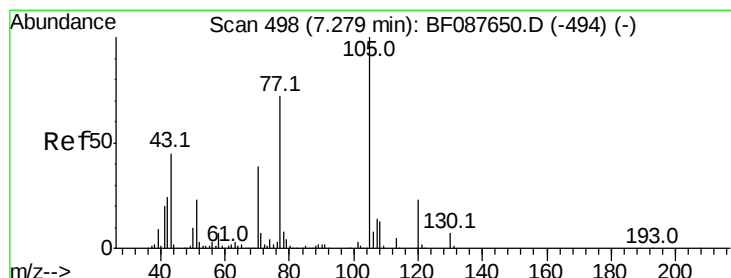
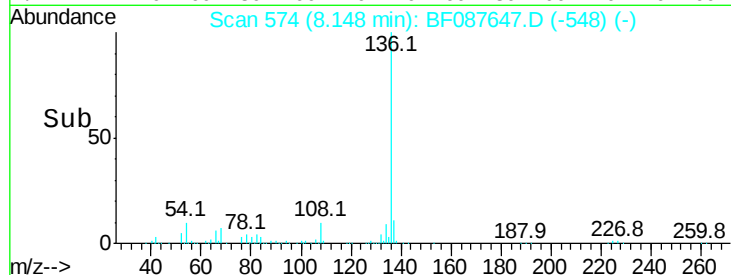
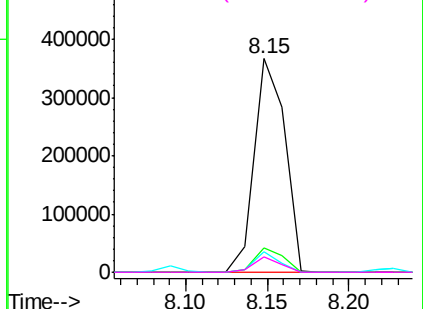


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 70.40 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

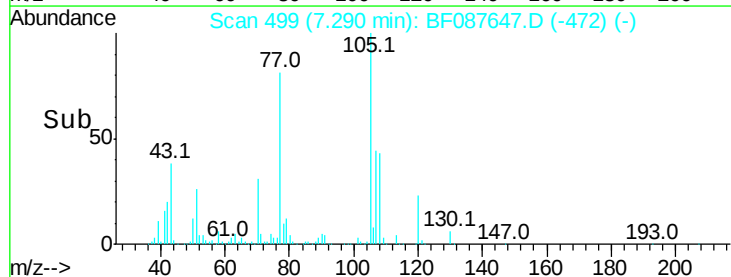
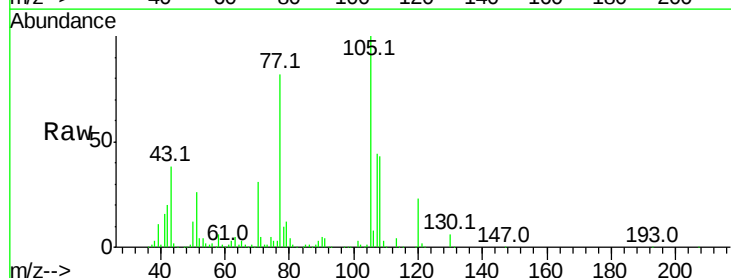
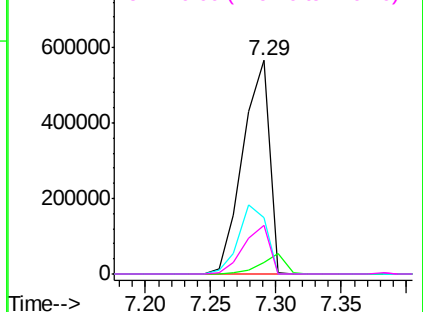
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	803153		
71	5.1	5.3	7.9#	
51	26.4	18.2	27.4	
120	22.6	18.0	27.0	

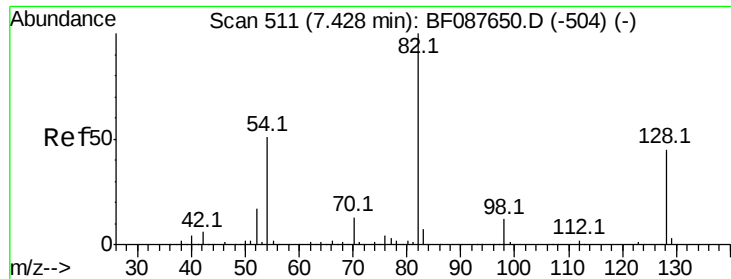
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





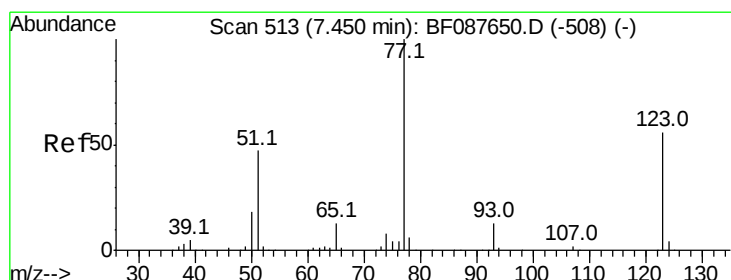
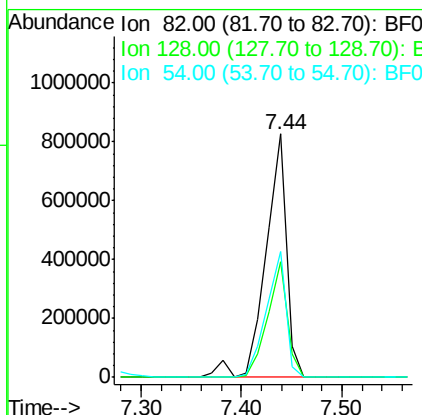
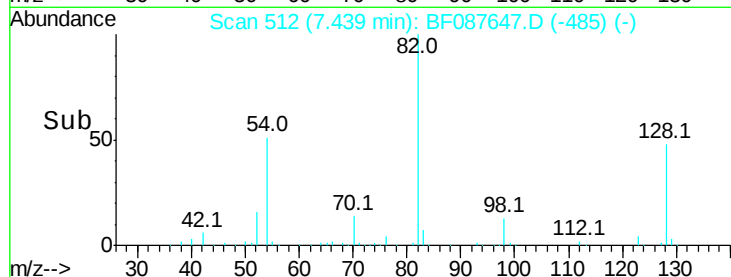
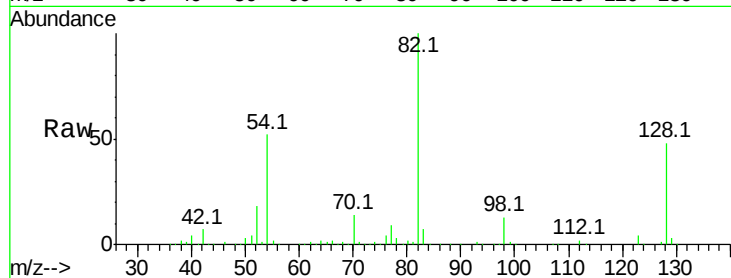
#23
Nitrobenzene-d5
Concen: 129.00 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 82 Resp: 1185235
Ion Ratio Lower Upper
82 100
128 47.8 35.9 53.9
54 51.7 40.9 61.3

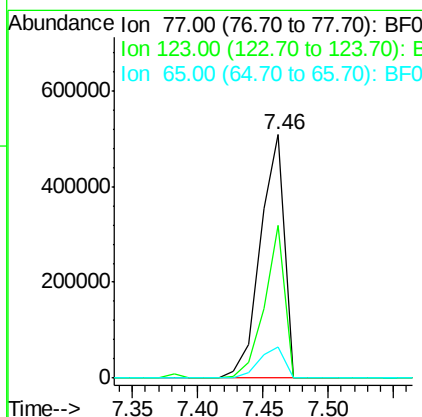
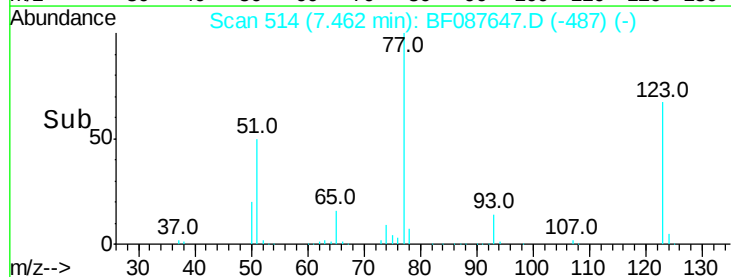
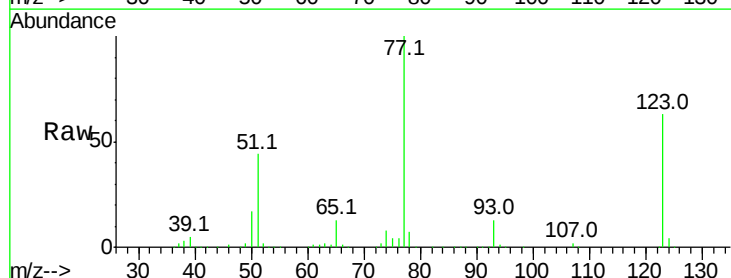
Manual Integrations
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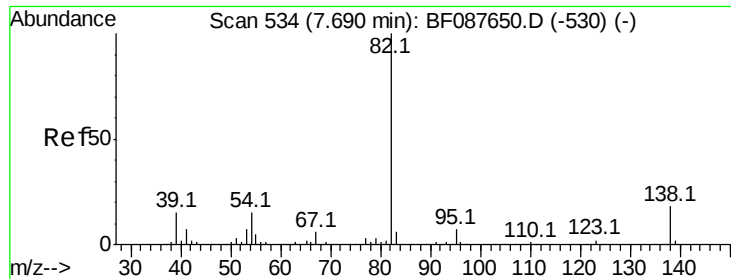
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#24
Nitrobenzene
Concen: 66.36 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion: 77 Resp: 649924
Ion Ratio Lower Upper
77 100
123 62.9 45.0 67.4
65 12.8 10.2 15.2





#25

Isophorone

Concen: 69.22 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1155020

Ion Ratio Lower Upper

82 100

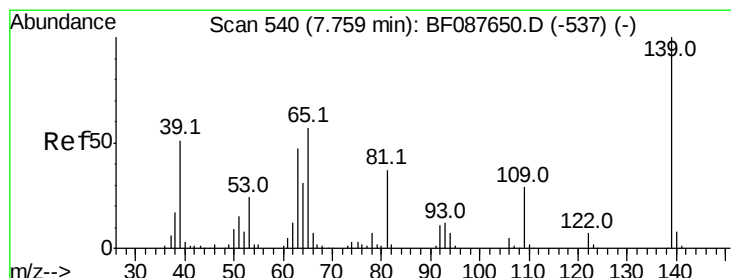
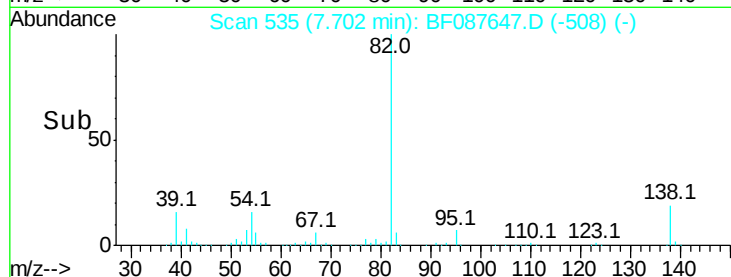
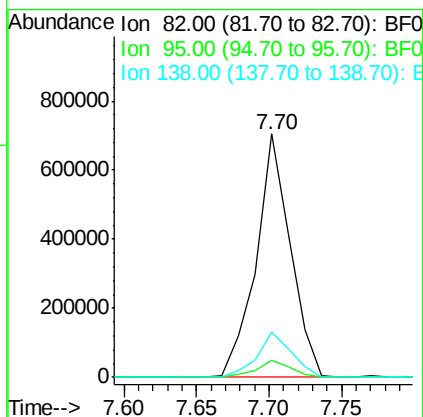
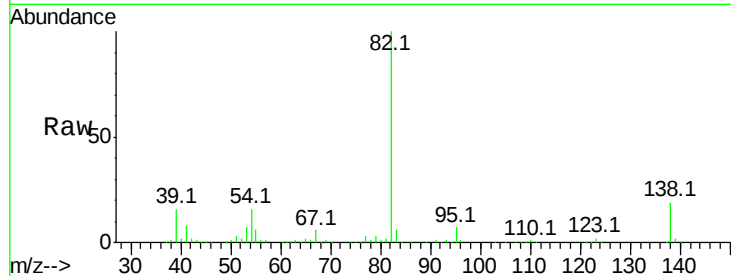
95 7.1 5.4 8.2

138 18.6 14.6 21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 83.81 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

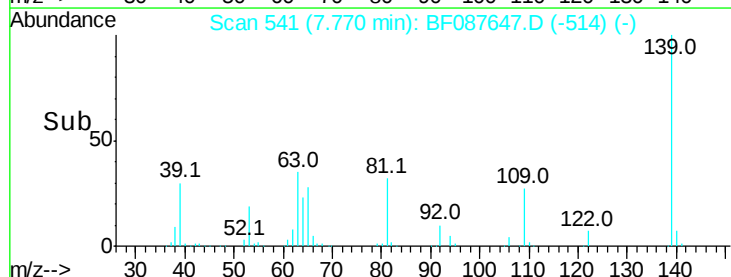
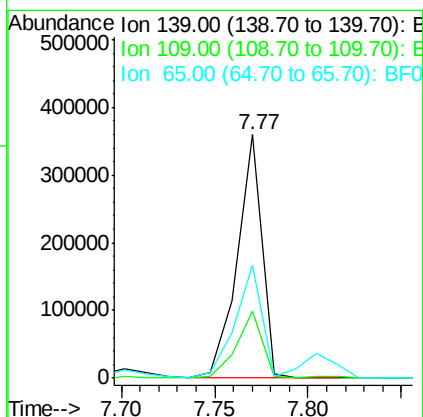
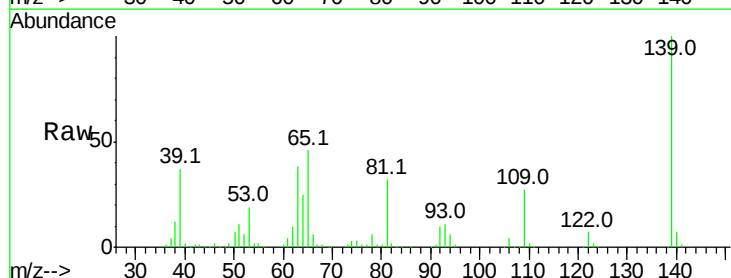
Tgt Ion: 139 Resp: 334768

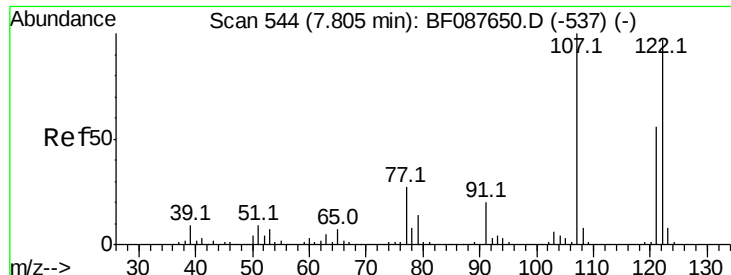
Ion Ratio Lower Upper

139 100

109 27.4 23.0 34.4

65 46.4 45.8 68.8





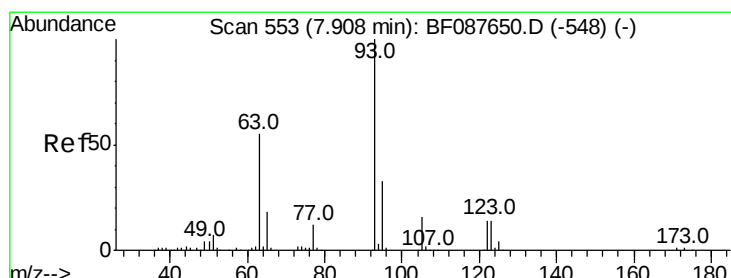
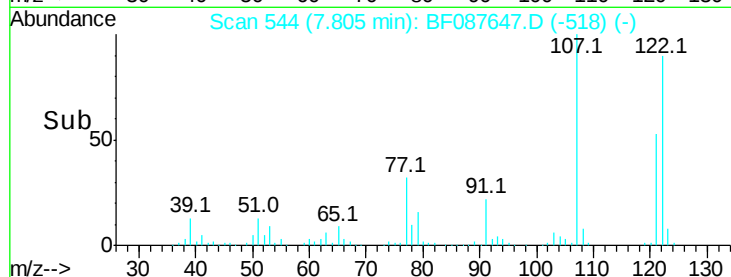
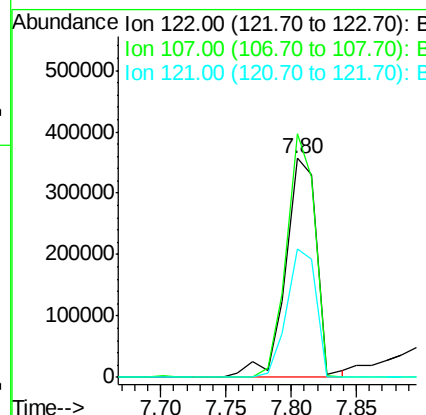
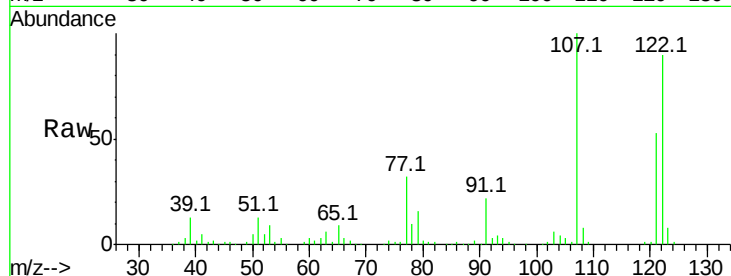
#27
2,4-Dimethylphenol
Concen: 82.44 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	596772		
107	111.3	82.4	123.6	
121	58.7	46.3	69.5	

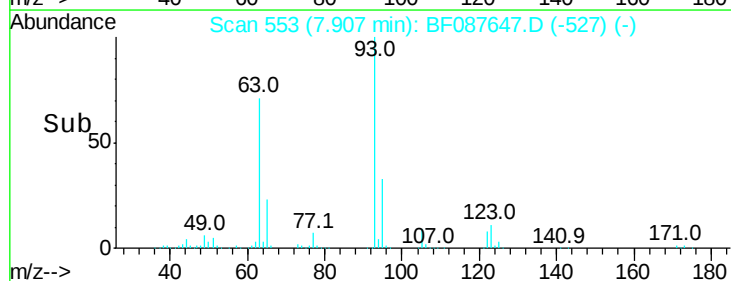
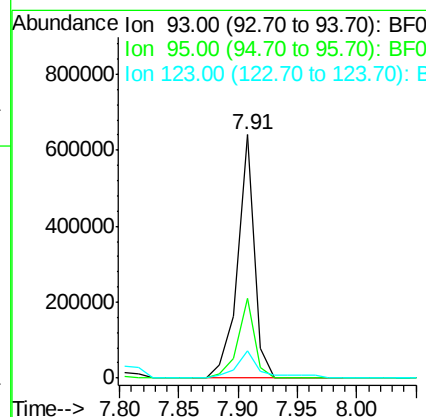
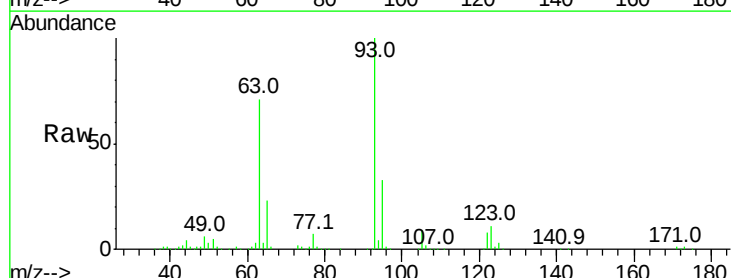
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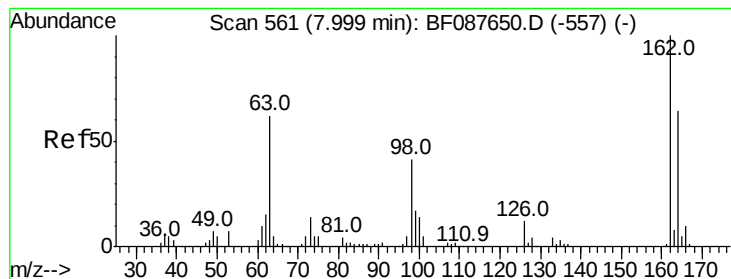
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 66.36 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	633288		
95	32.8	26.5	39.7	
123	11.5	11.6	17.4#	





#29

2,4-Dichlorophenol

Concen: 79.18 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

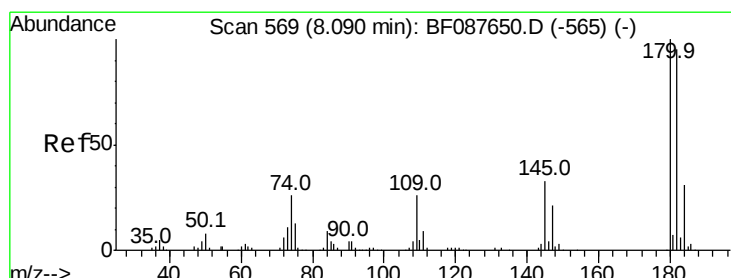
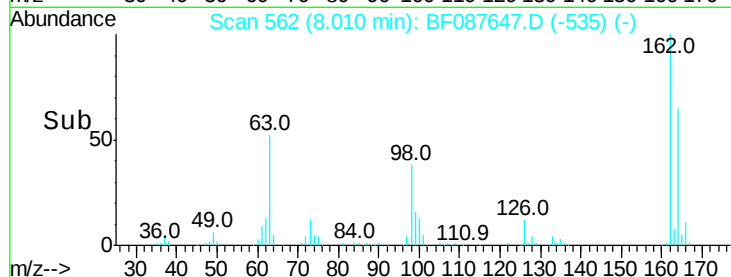
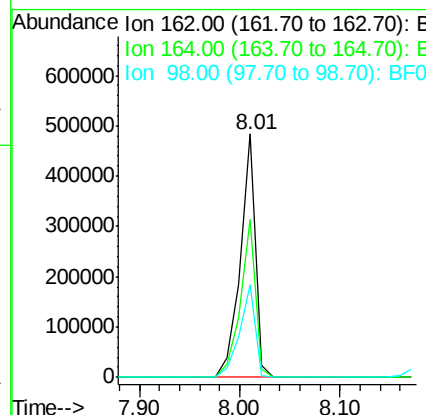
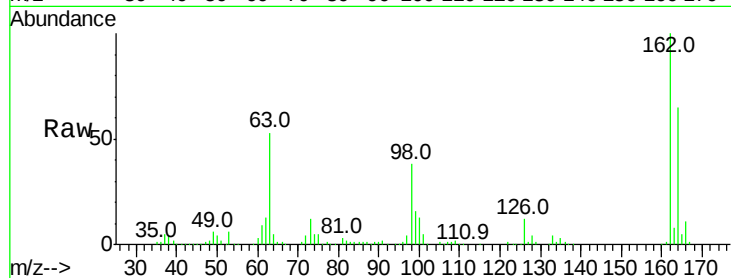
ClientSampleId :

SSTDIC080

Tot Ion:	162	Resp:	503460
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.8	83.8
98	37.8	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 68.55 ng

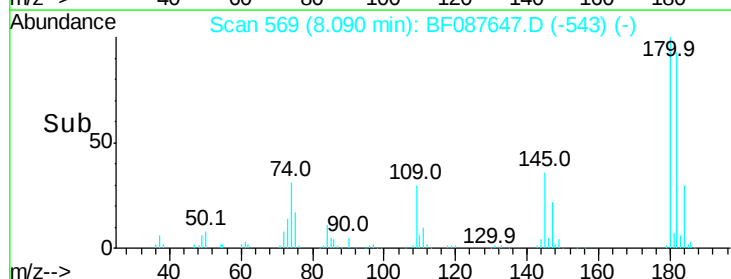
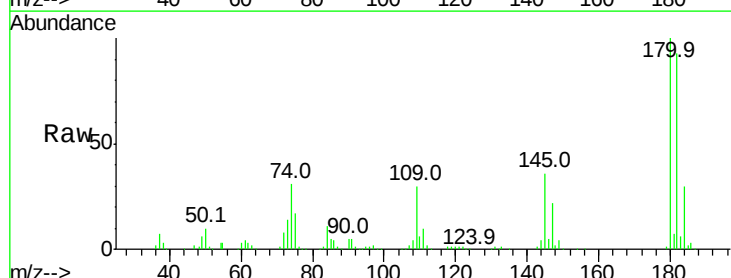
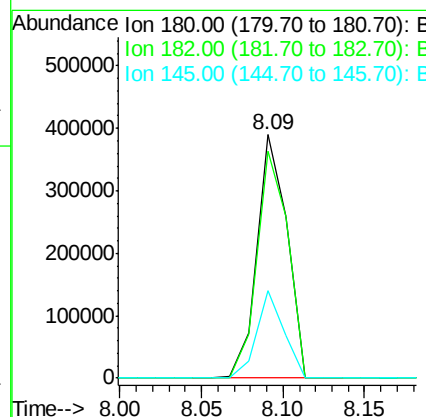
RT: 8.09 min Scan# 569

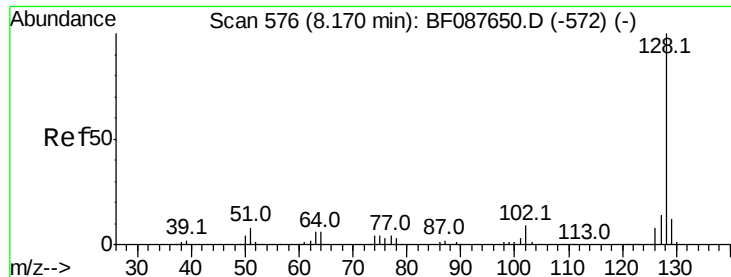
Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tgt Ion:	180	Resp:	497215
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.0	114.0
145	35.7	26.5	39.7





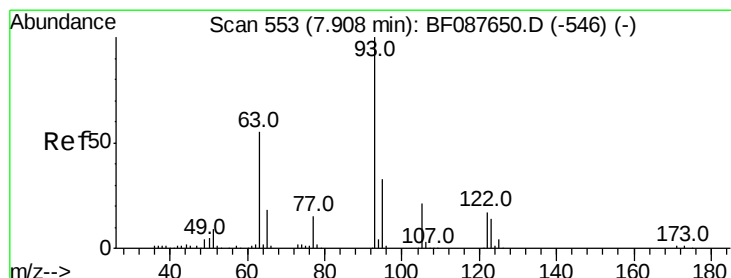
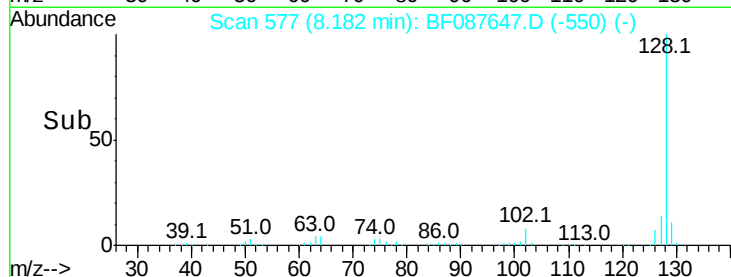
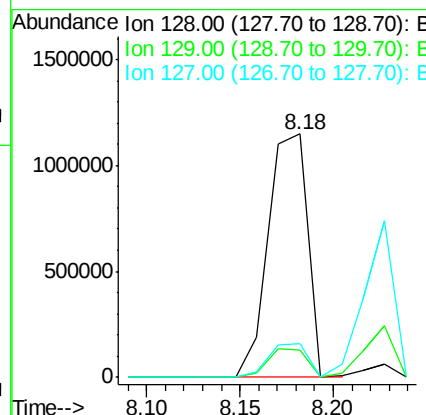
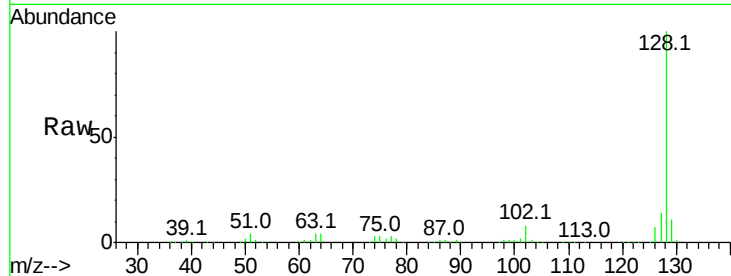
#31
Naphthalene
Concen: 70.48 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:128 Resp: 1682979
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.6 10.9 16.3

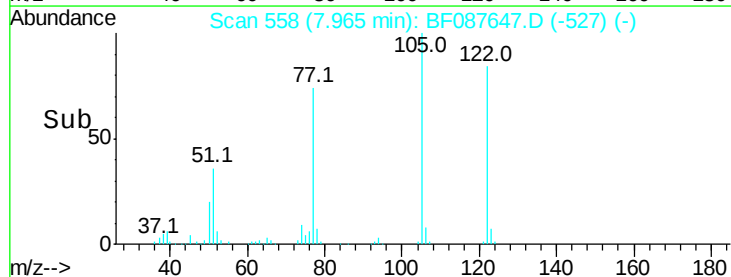
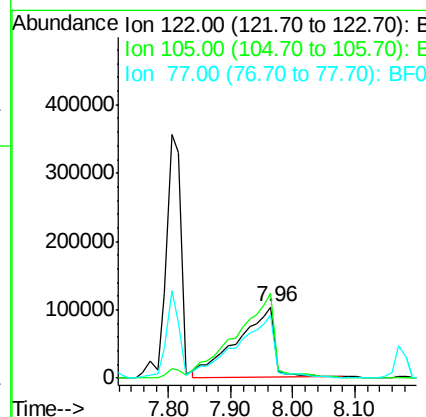
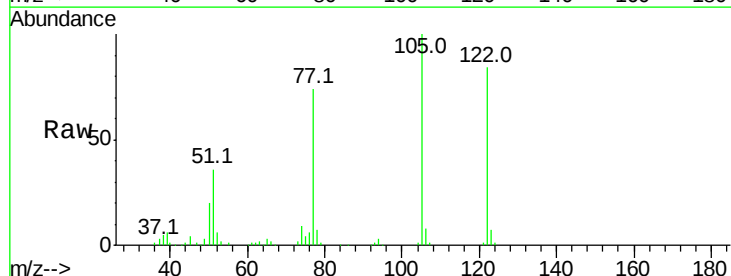
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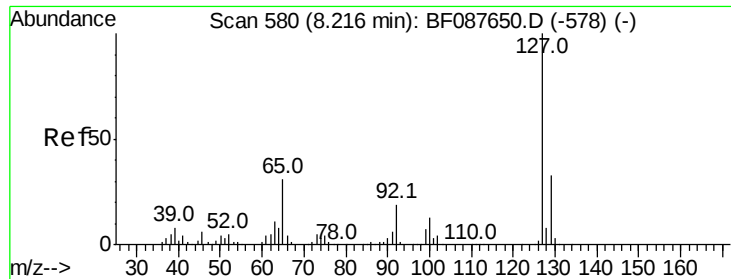
SOHIL
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#32
Benzoic acid
Concen: 118.04 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.06 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion:122 Resp: 435087
Ion Ratio Lower Upper
122 100
105 119.5 101.6 141.6
77 88.5 70.6 110.6





#33

4-Chloroaniline

Concen: 91.87 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

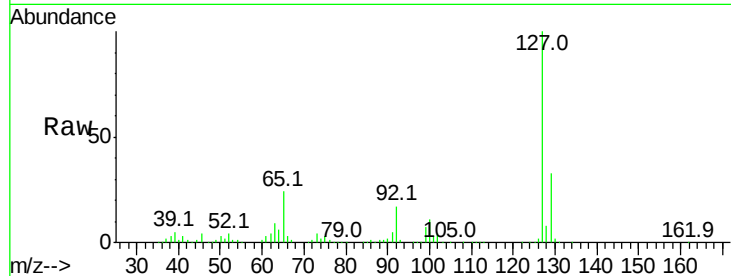
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	24.3	24.7	37.1#
92	17.4	15.4	23.0

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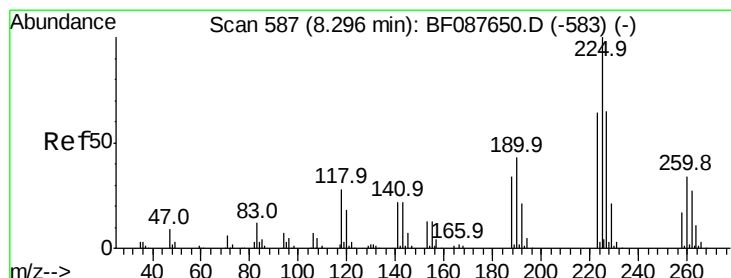
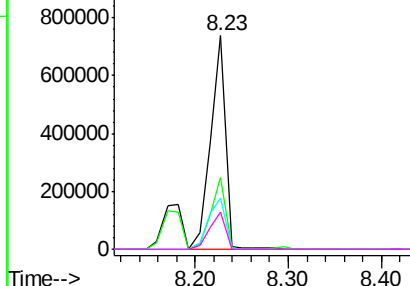
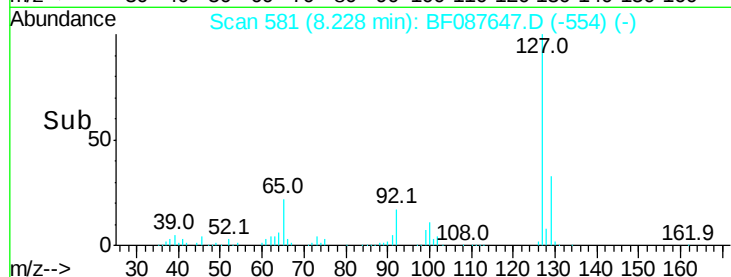


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 59.75 ng

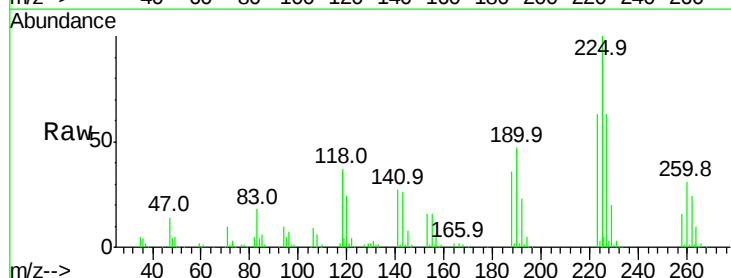
RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

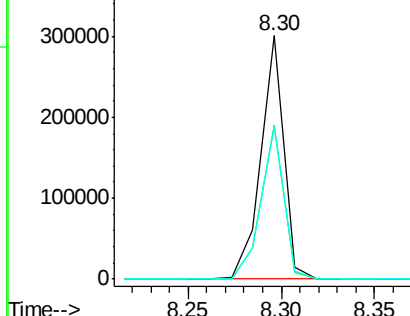
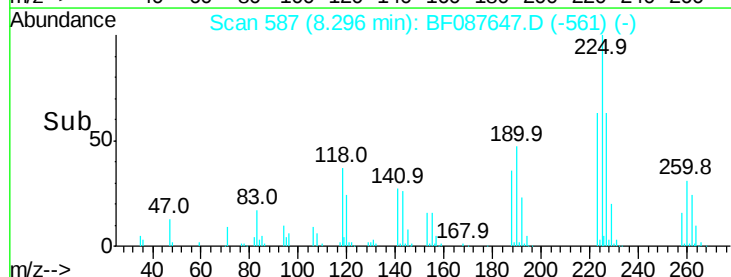
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	62.8	51.9	77.9

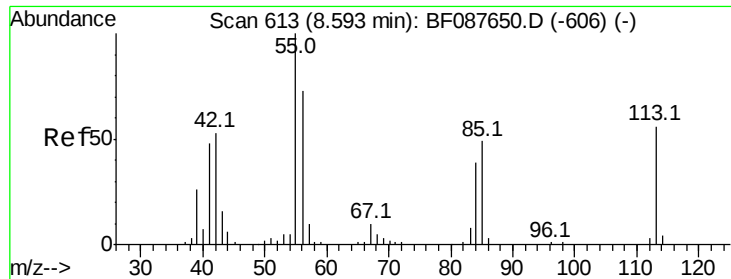


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





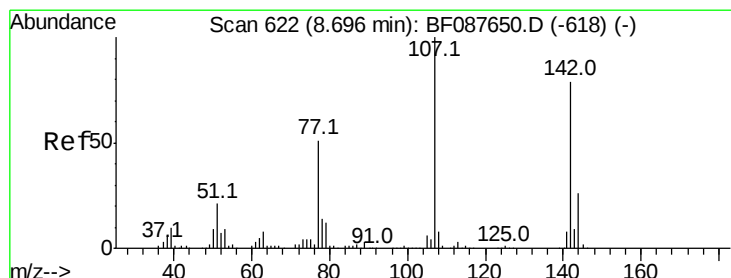
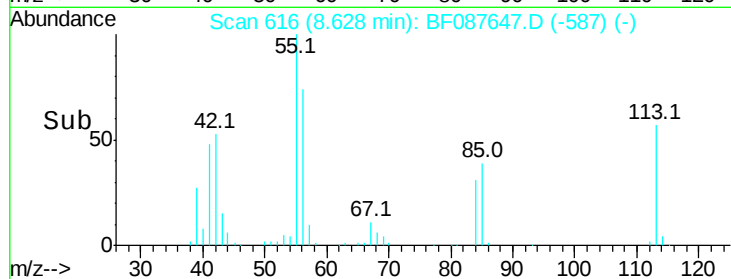
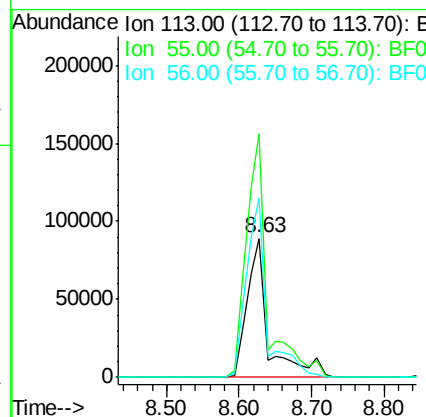
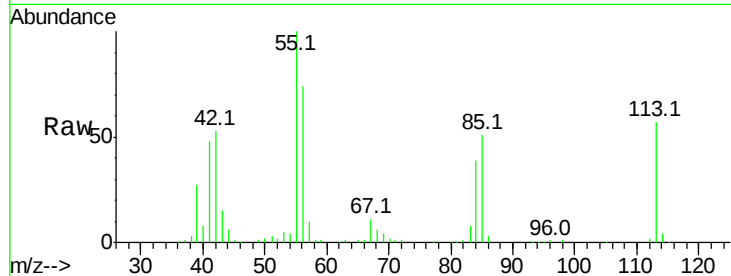
#35
 Caprolactam
 Concen: 95.34 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.9	158.6	198.6
56	129.5	110.6	150.6

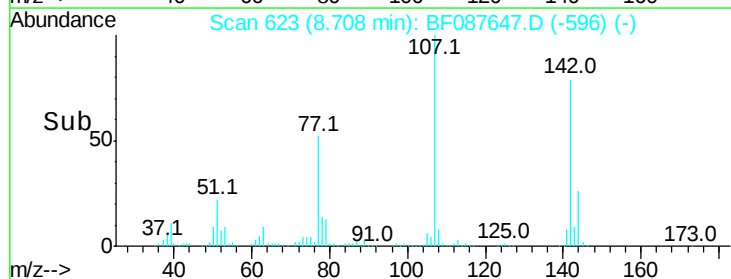
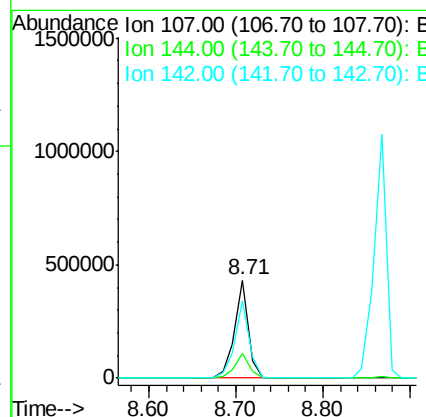
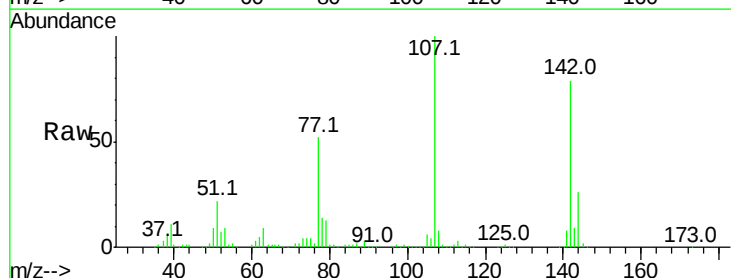
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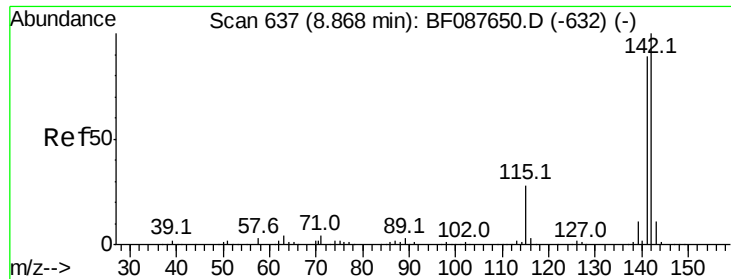
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#36
 4-Chloro-3-methylphenol
 Concen: 66.41 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.8	31.2
142	79.2	63.4	95.2





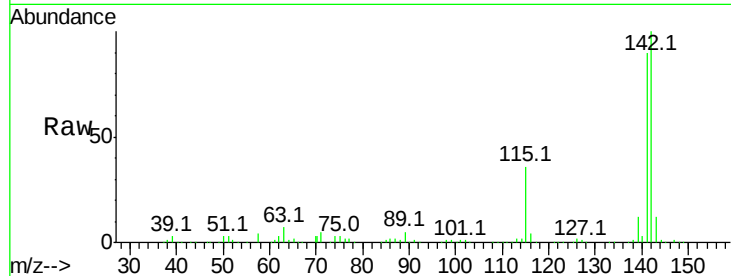
#37
2-Methylnaphthalene
Concen: 70.04 ng/ml
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	36.2	22.6	33.8

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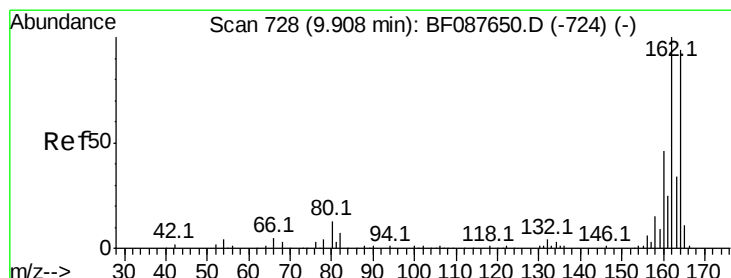
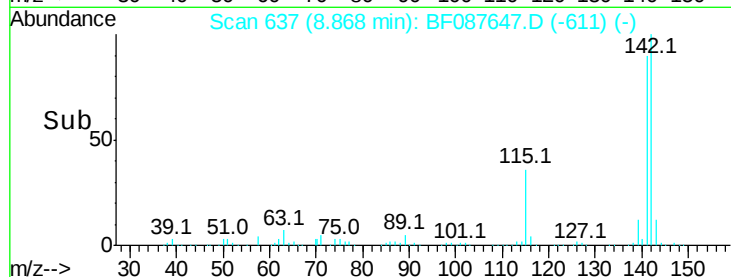
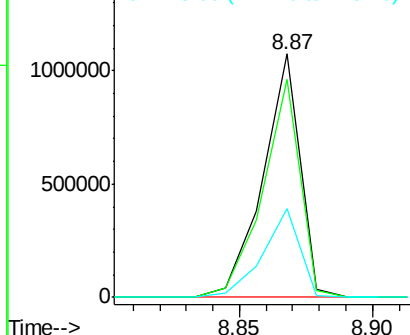


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

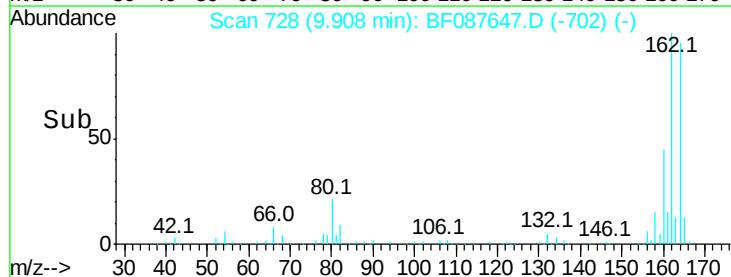
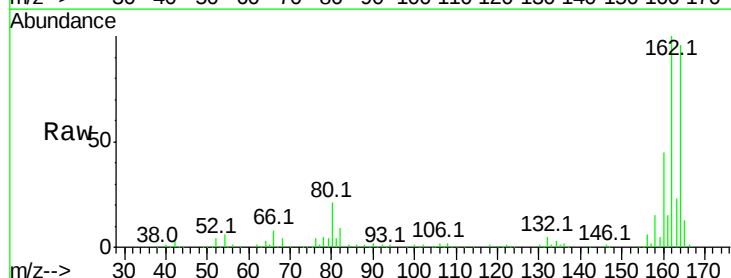
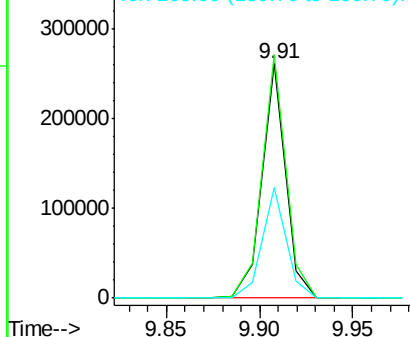
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	47.2	39.5	59.3

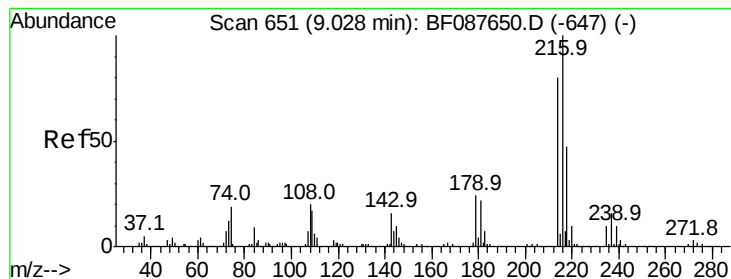
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 62.55 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:216 Resp: 445969
Ion Ratio Lower Upper

216 100

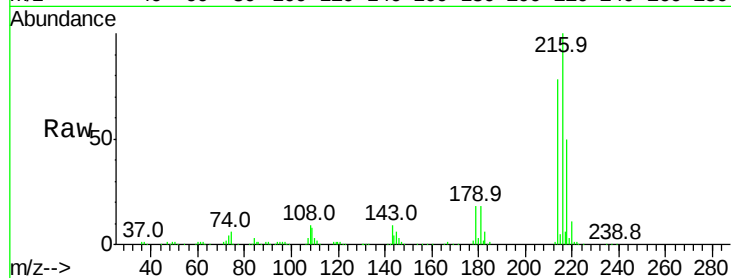
214 79.9 2.9 4.3#

179 21.8 0.0 0.0#

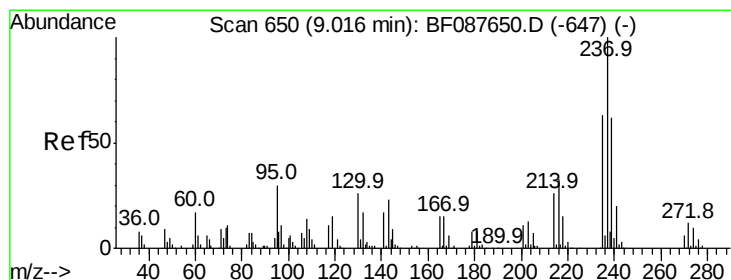
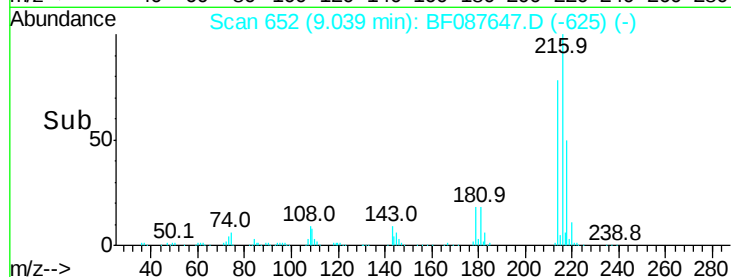
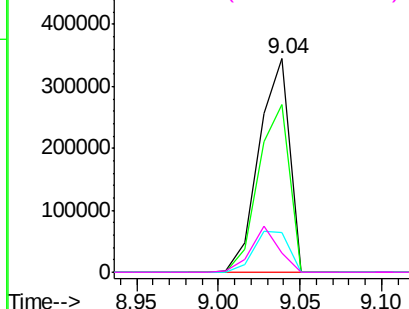
108 19.8 0.5 0.7#

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 117.21 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF087647.D

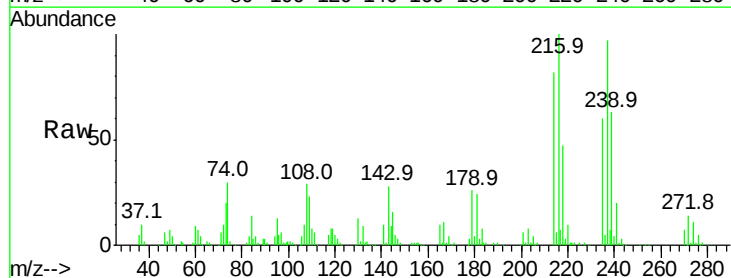
Acq: 4 Jun 2016 2:51

Tgt Ion:237 Resp: 292044
Ion Ratio Lower Upper

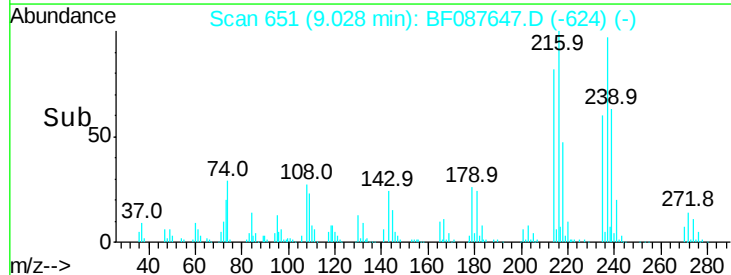
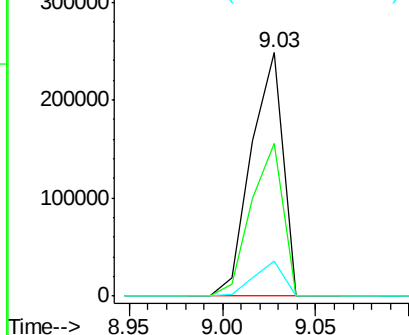
237 100

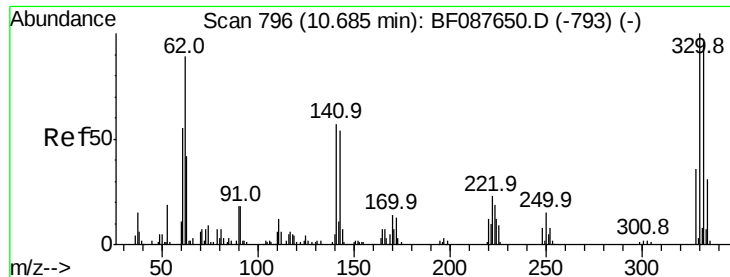
235 62.5 43.4 83.4

272 14.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





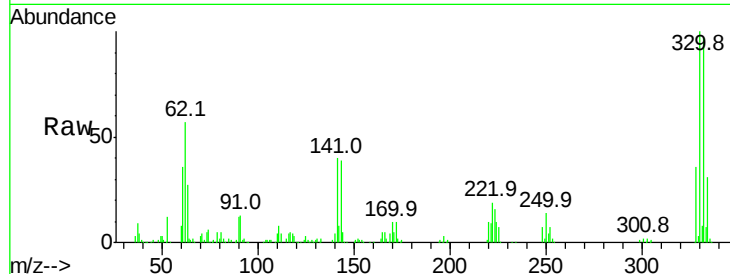
#41
 2,4,6-Tribromophenol
 Concen: 130.62 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

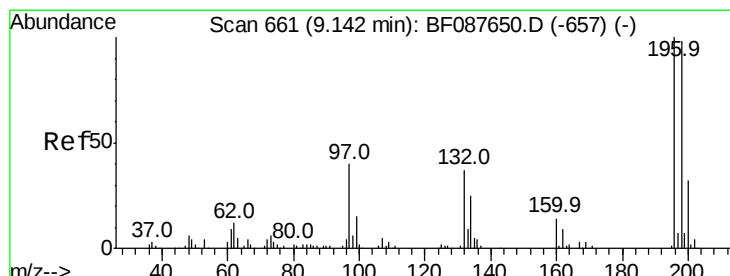
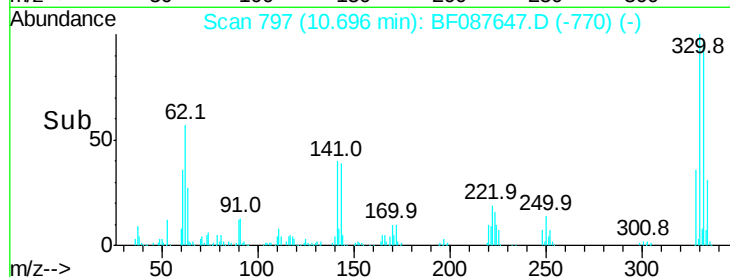
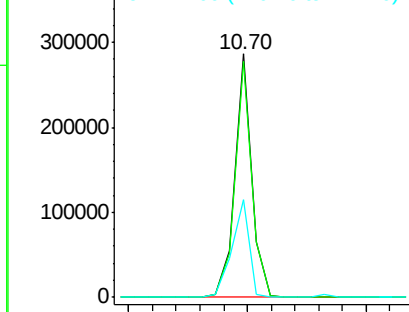
Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.4	0.0	0.0#
141	40.7	0.0	0.0#

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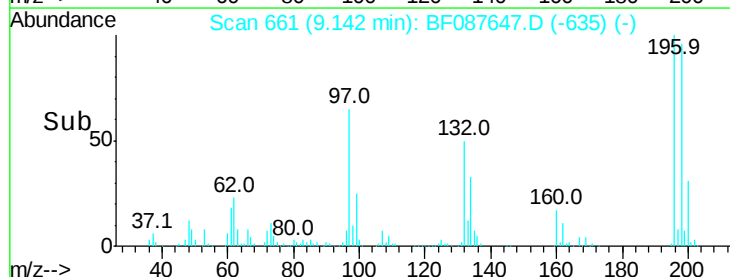
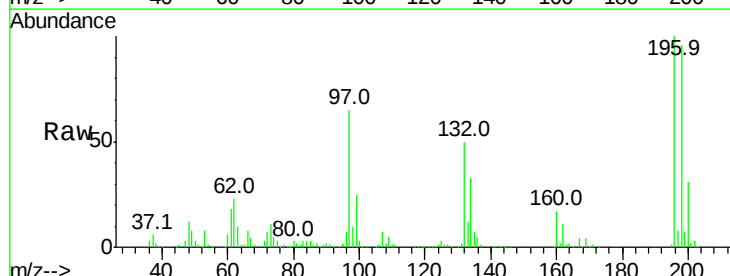
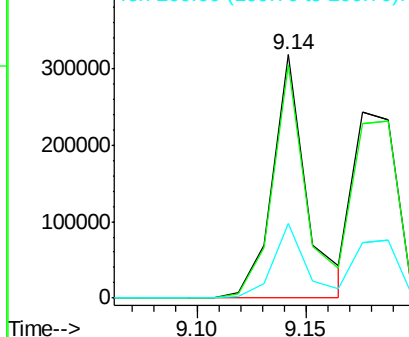
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

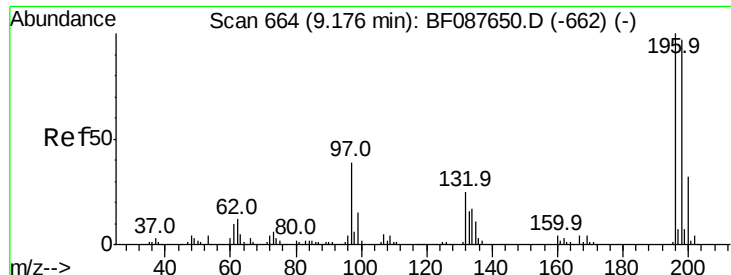


#42
 2,4,6-Trichlorophenol
 Concen: 81.72 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.9	78.0	117.0
200	30.8	25.4	38.2

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





#43

2,4,5-Trichlorophenol

Concen: 76.84 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF087647.D

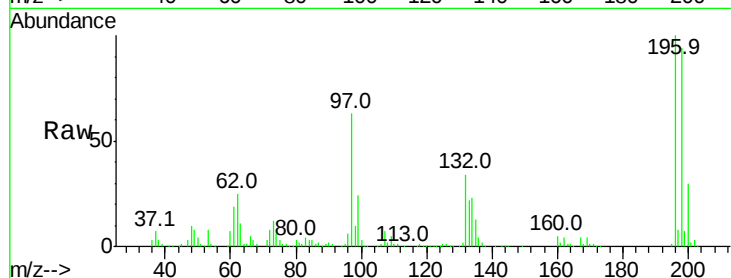
Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tot Ion:196 Resp: 332308

Ion Ratio Lower Upper

196 100

198 94.2 77.5 116.3

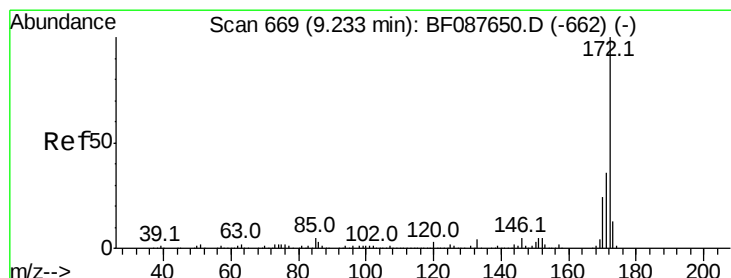
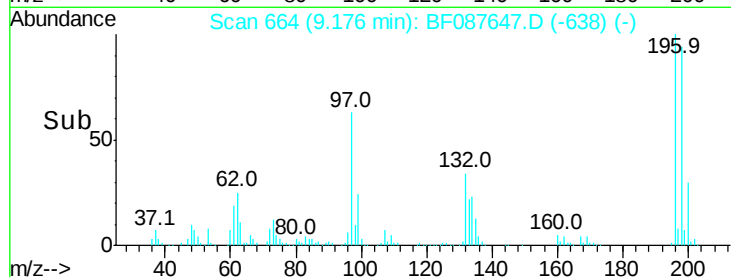
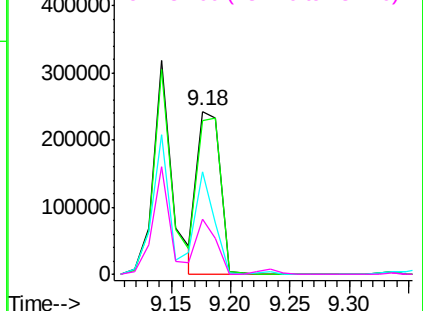
97 62.7 32.0 48.0#

132 33.8 20.9 31.3#

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



#44

2-Fluorobiphenyl

Concen: 105.18 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

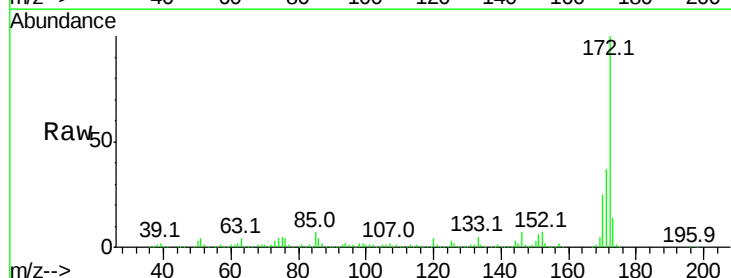
Tgt Ion:172 Resp: 1691474

Ion Ratio Lower Upper

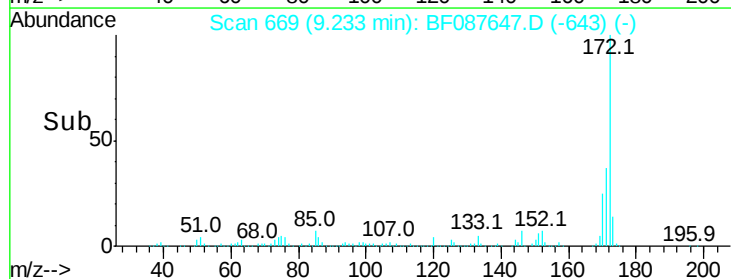
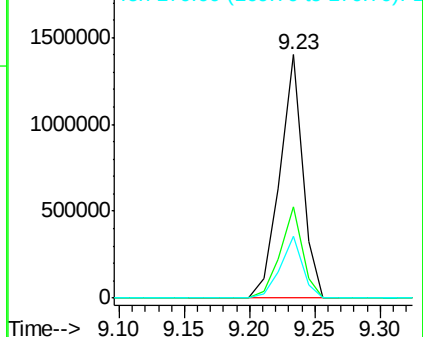
172 100

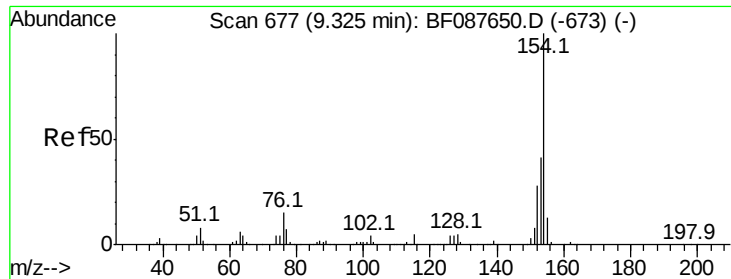
171 37.3 28.6 43.0

170 25.3 19.2 28.8



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





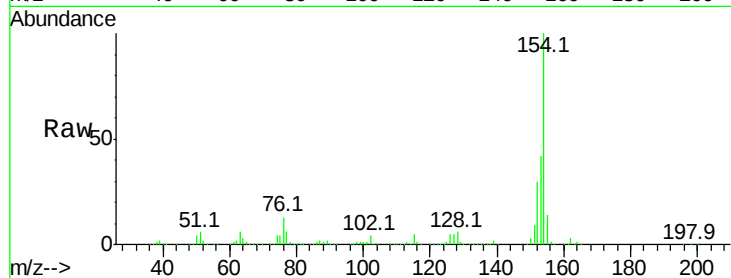
#45
 1,1'-Biphenyl
 Concen: 65.65 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

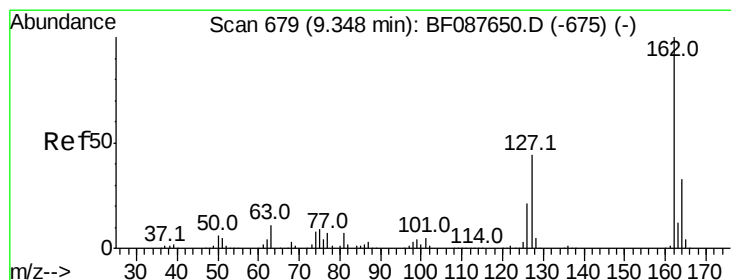
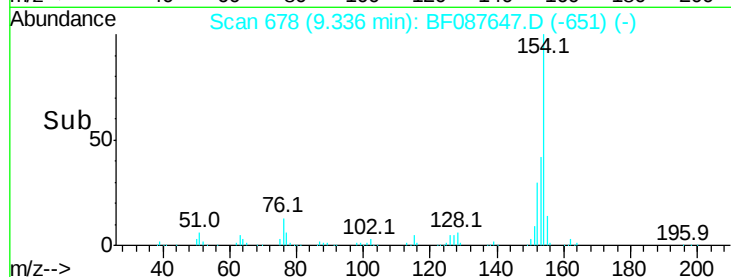
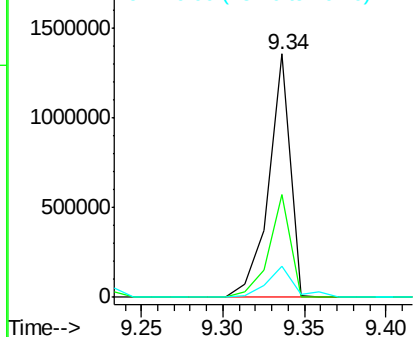
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.6	60.6
76	13.0	0.0	35.1

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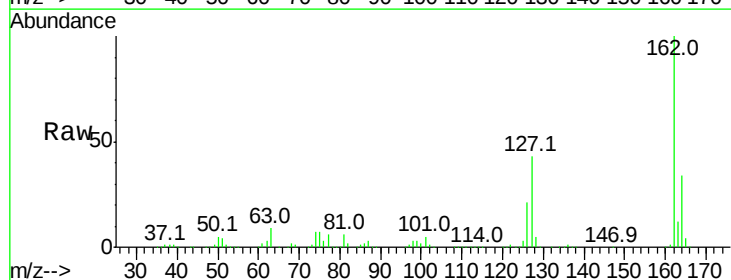


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

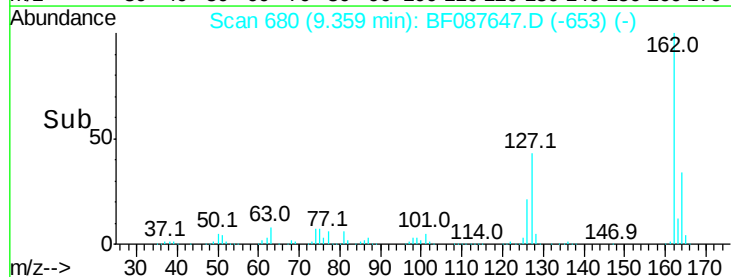
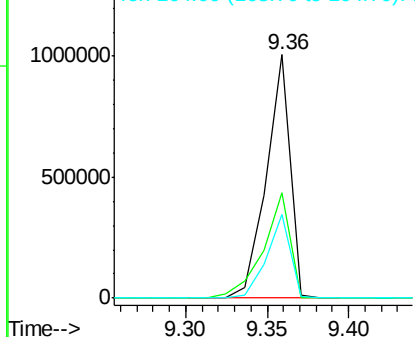


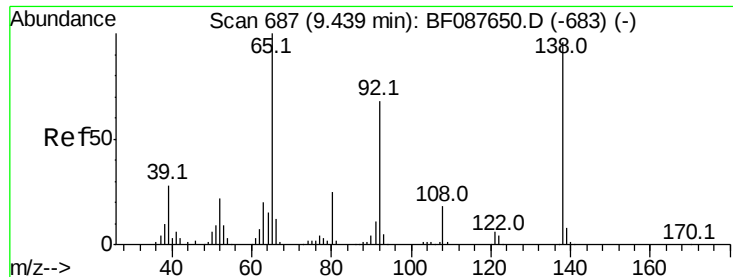
#46
 2-Chloronaphthalene
 Concen: 70.76 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	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





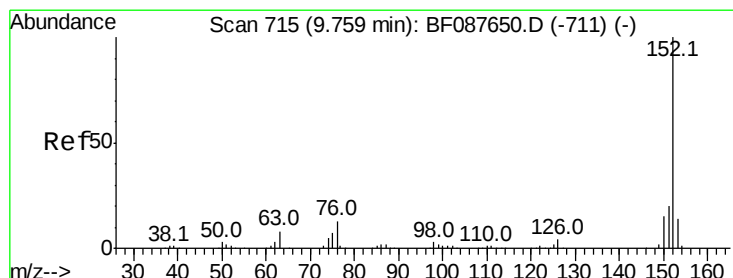
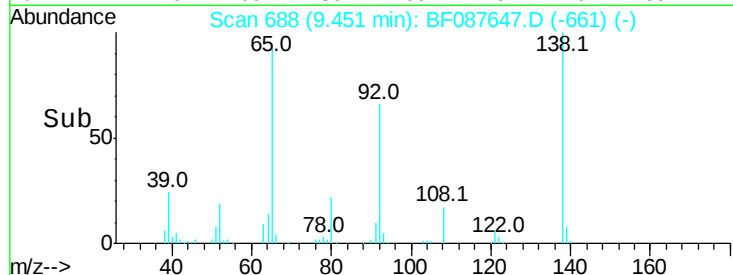
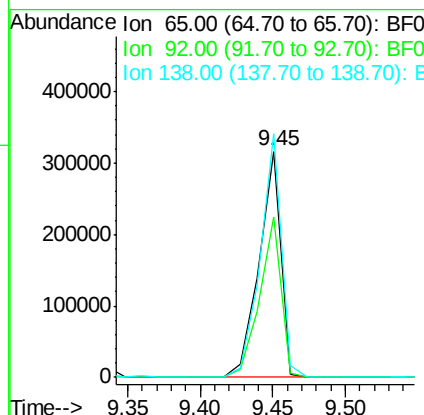
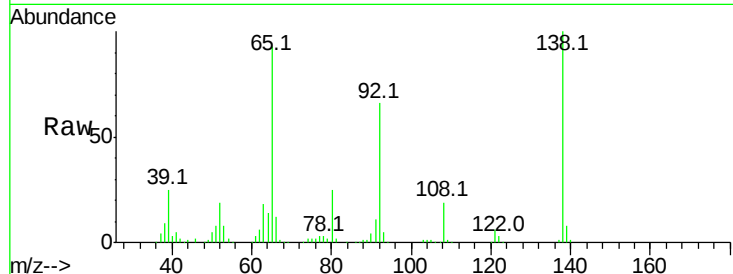
#47
2-Nitroaniline
Concen: 65.23 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	54.6	82.0
138	107.7	77.0	115.4

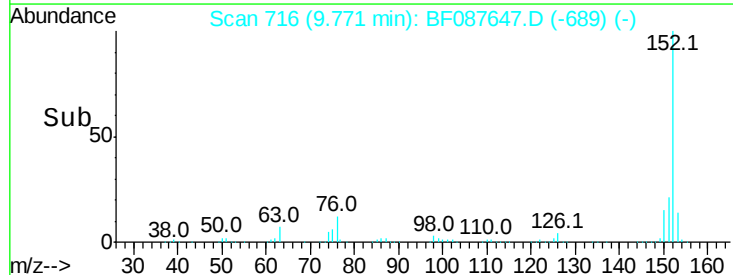
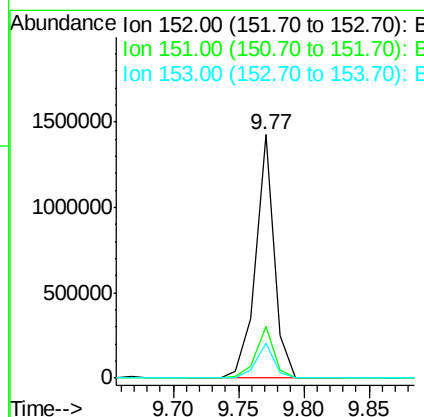
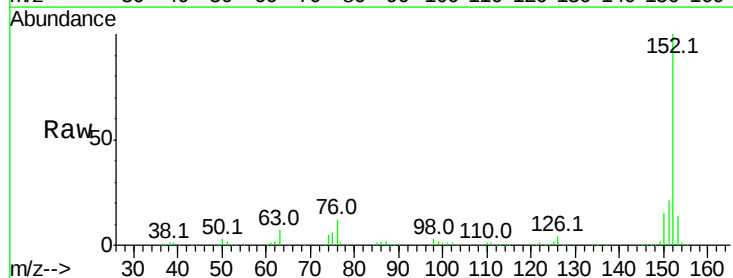
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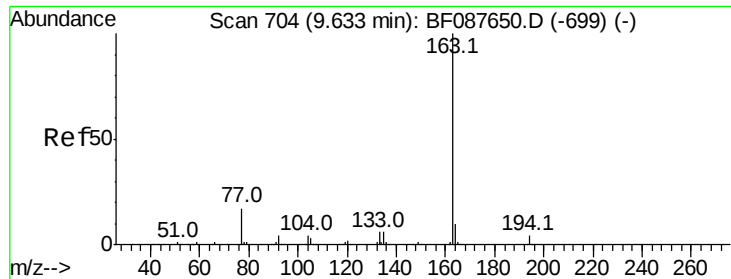
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#48
Acenaphthylene
Concen: 61.39 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	14.2	11.0	16.6





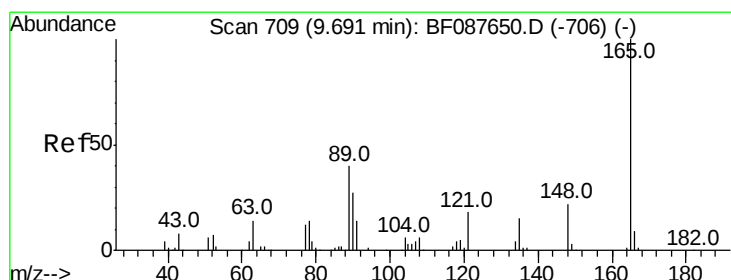
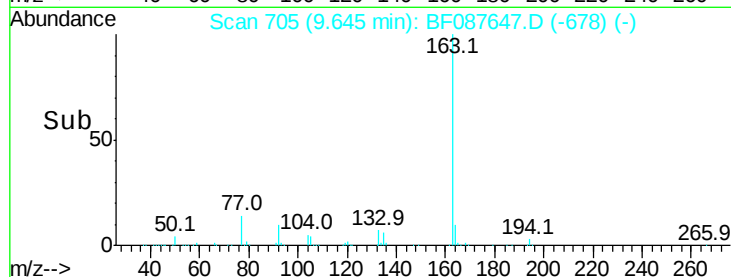
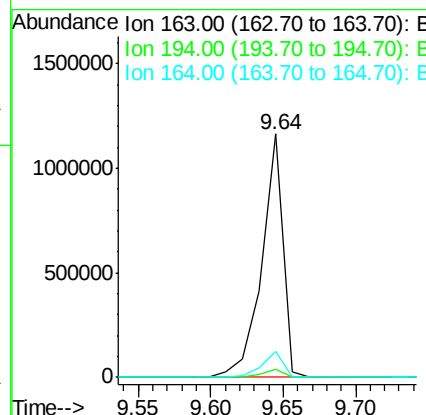
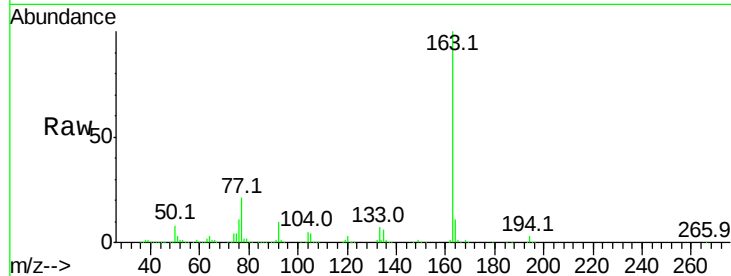
#49
Dimethylphthalate
Concen: 65.47 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.7	8.3	12.5

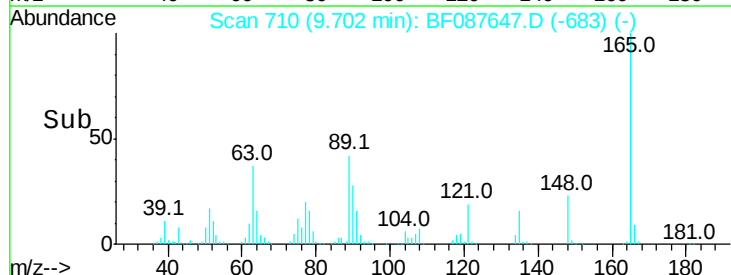
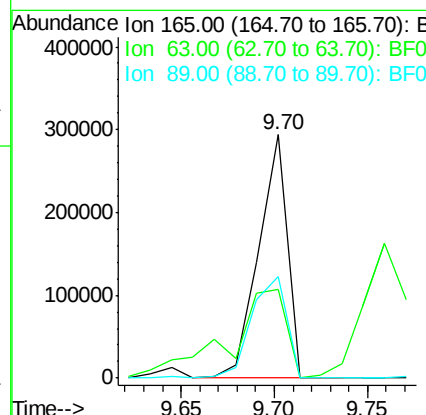
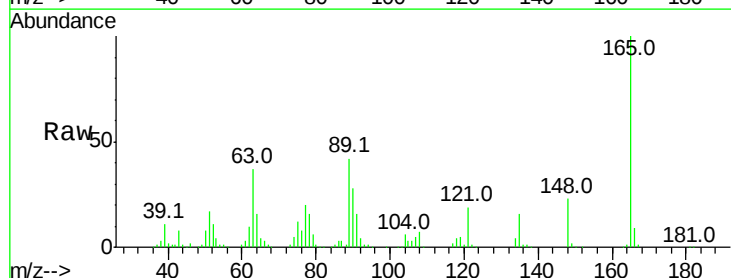
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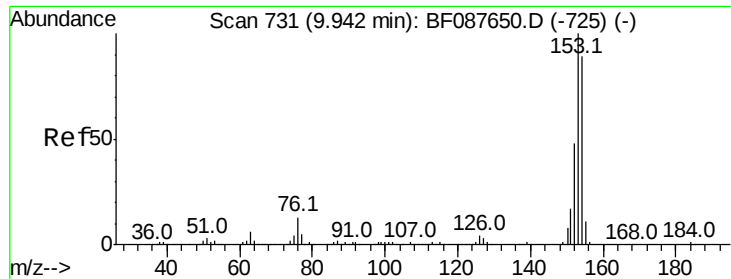
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#50
2,6-Dinitrotoluene
Concen: 83.42 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.6	28.1	42.1
89	41.6	32.2	48.2





#51

Acenaphthene

Concen: 63.17 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

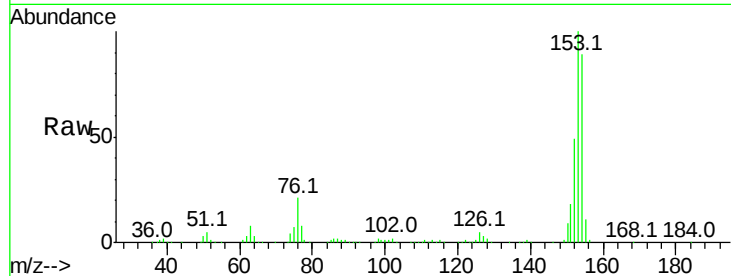
ClientSampleId :

SSTDIC080

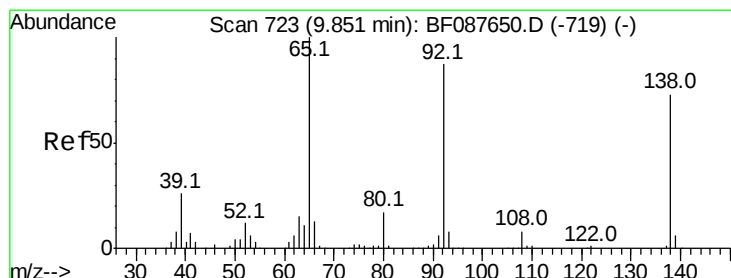
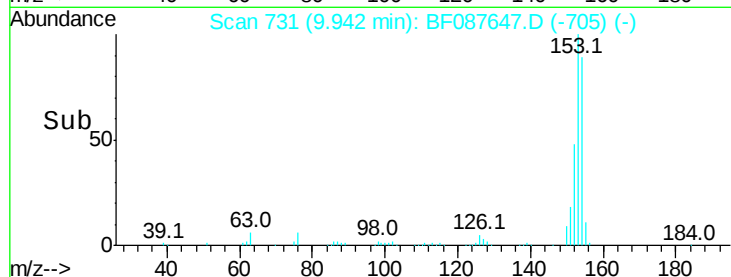
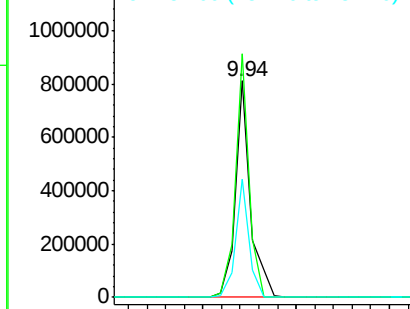
Tot Ion:	154	Resp:	908008
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.5	134.3
152	54.6	42.7	64.1

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



#52

3-Nitroaniline

Concen: 84.78 ng

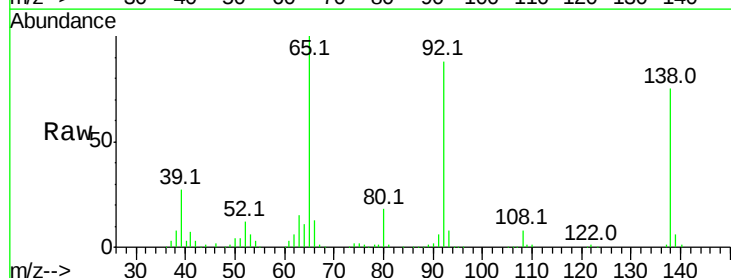
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

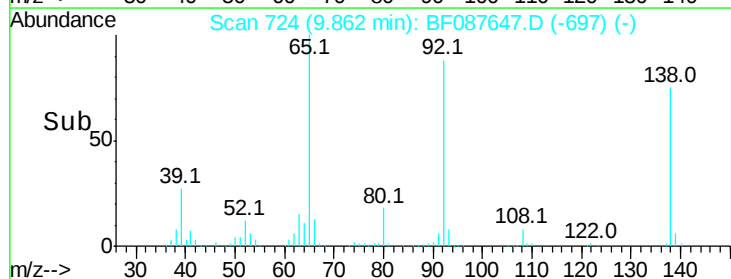
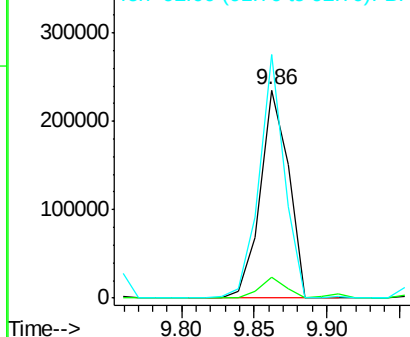
Lab File: BF087647.D

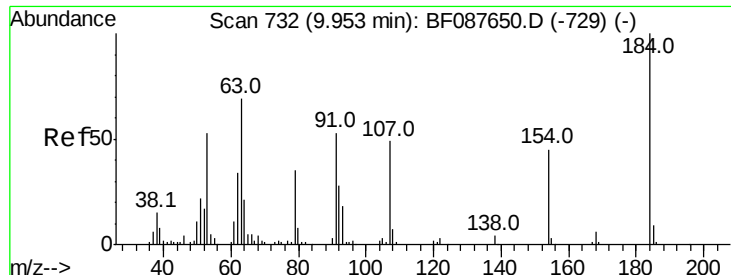
Acq: 4 Jun 2016 2:51

Tgt Ion:	138	Resp:	319013
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	117.0	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





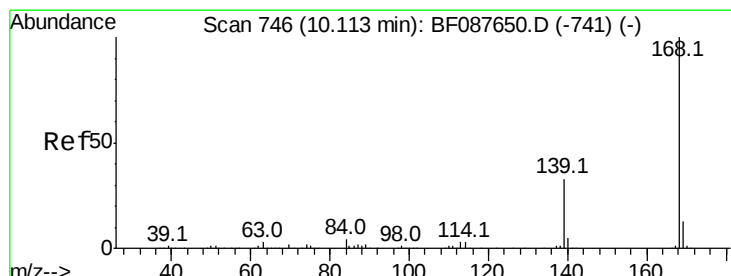
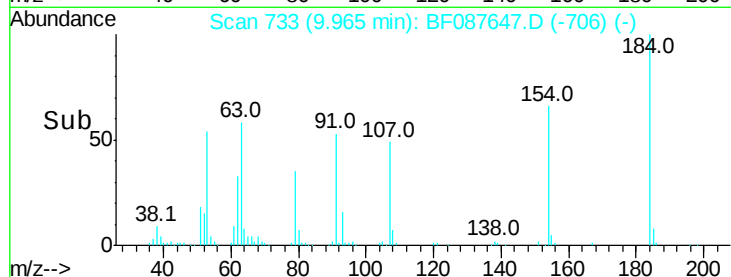
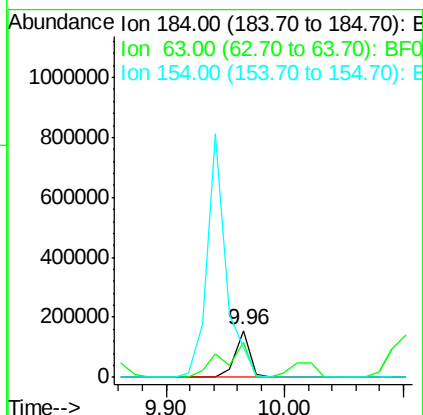
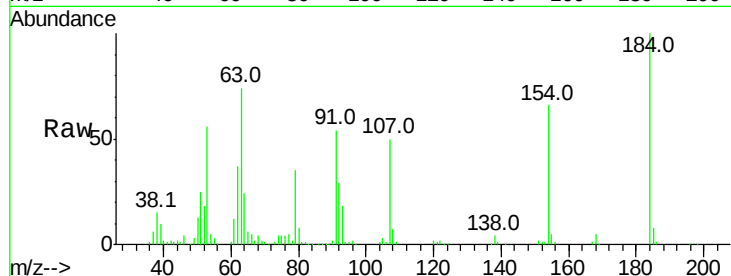
#53
2,4-Dinitrophenol
Concen: 86.99 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135087		
63	73.9	57.6	86.4	
154	65.6	53.5	80.3	

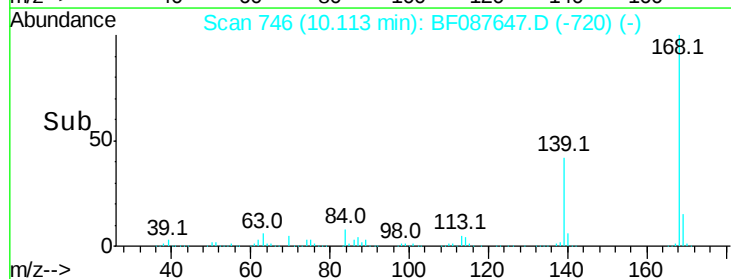
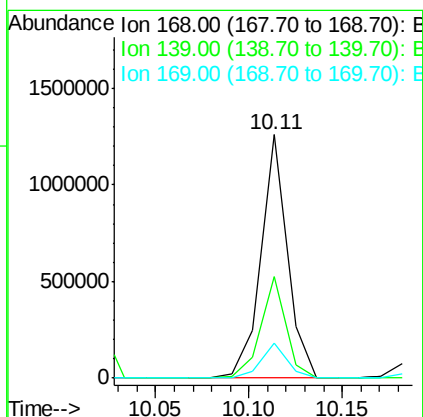
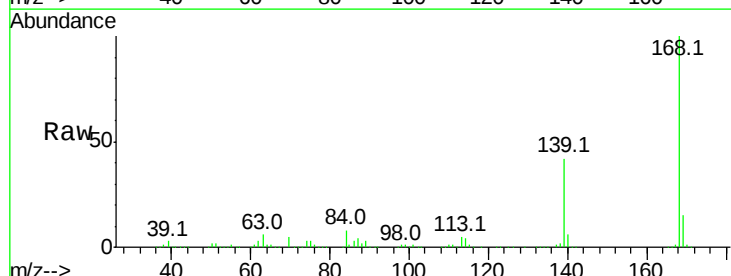
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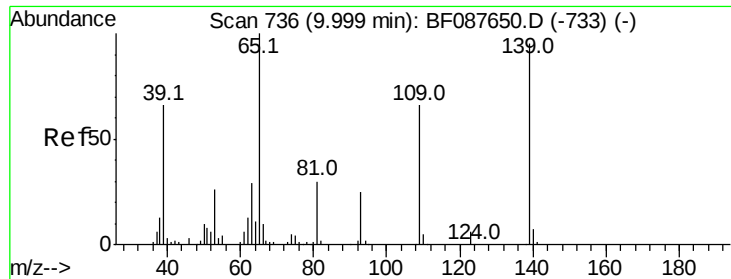
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#54
Dibenzofuran
Concen: 62.89 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1229999		
139	41.7	26.4	39.6#	
169	14.6	10.4	15.6	





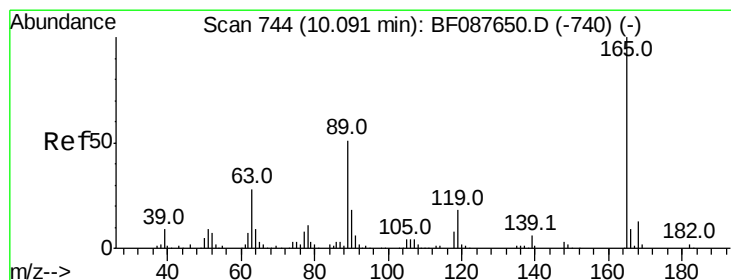
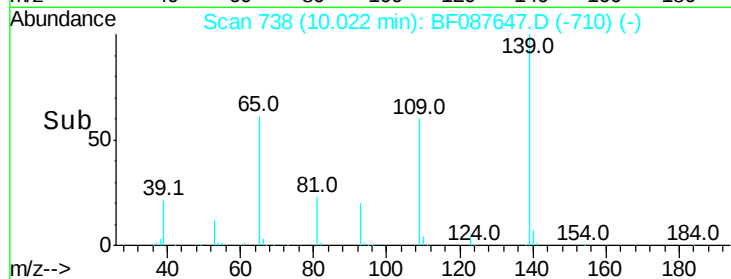
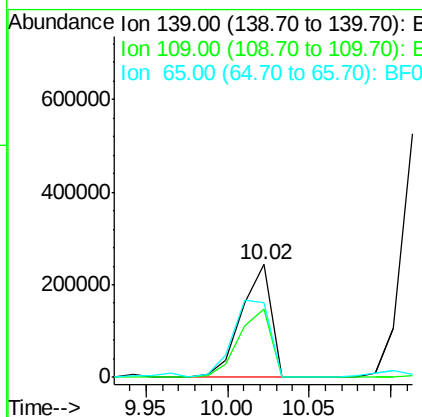
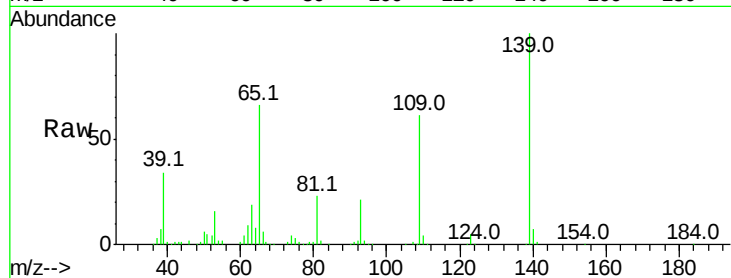
#55
4-Nitrophenol
Concen: 153.81 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.0	48.9	88.9	
65	65.7	84.9	124.9	

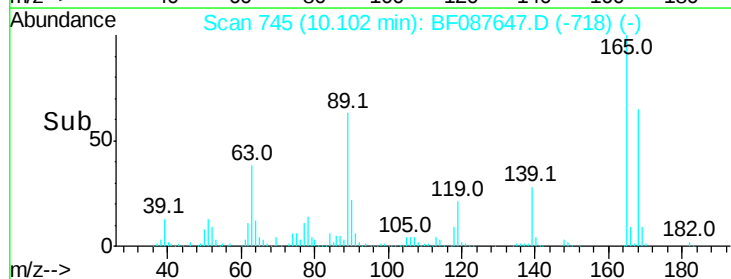
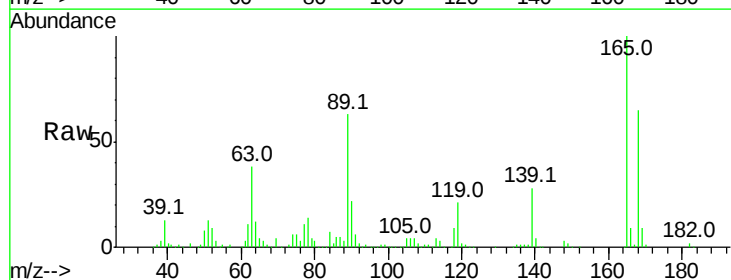
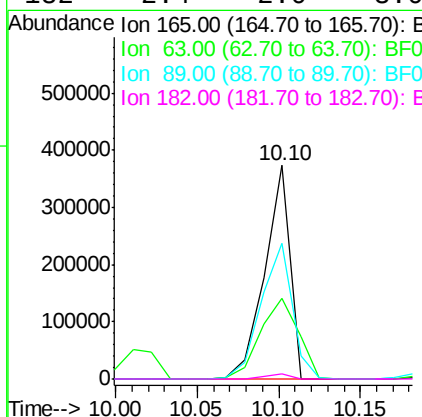
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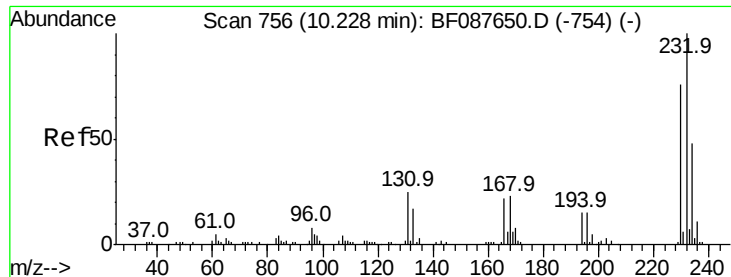
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#56
2,4-Dinitrotoluene
Concen: 81.59 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	22.0	33.0	
89	63.3	41.1	61.7	
182	2.4	2.0	3.0	





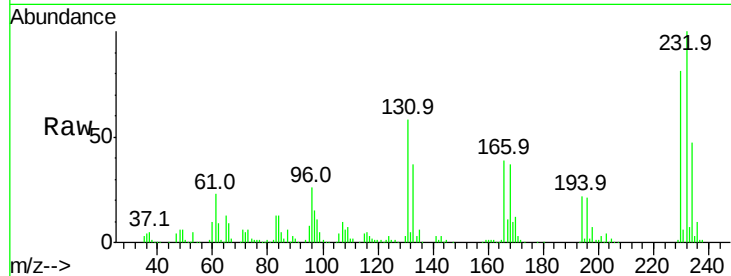
#58
2,3,4,6-Tetrachlorophenol
Concen: 76.27 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

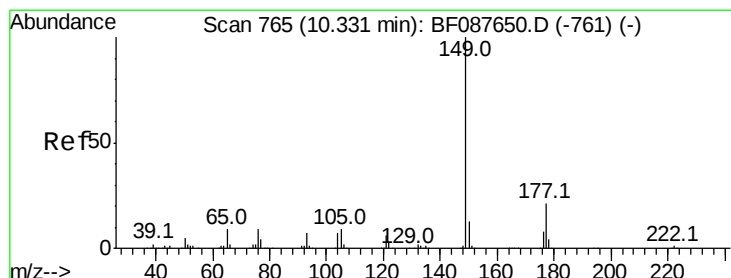
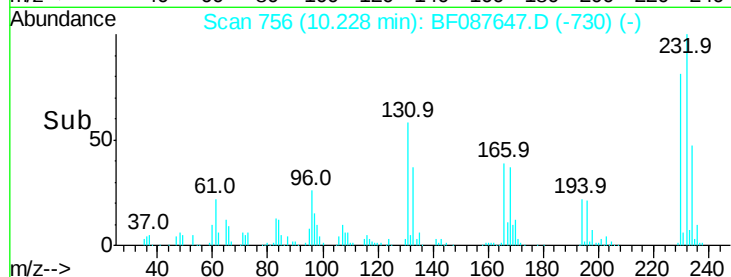
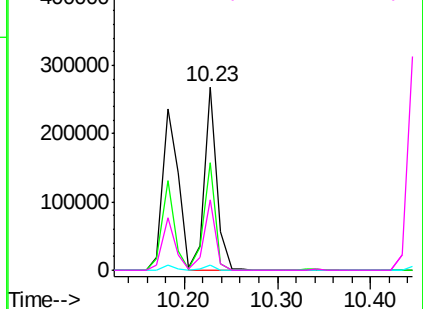
Tot Ion	Ratio	Resp	Lower	Upper
232	100	252244		
131	55.3	0.9	1.3#	
130	2.7	1.5	2.3#	
166	36.1	0.5	0.7#	

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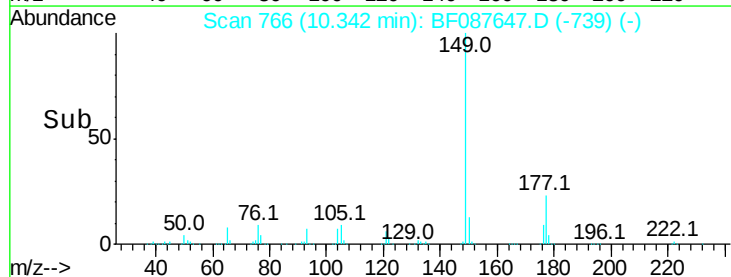
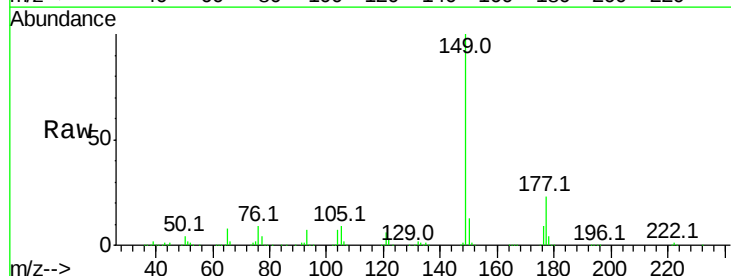
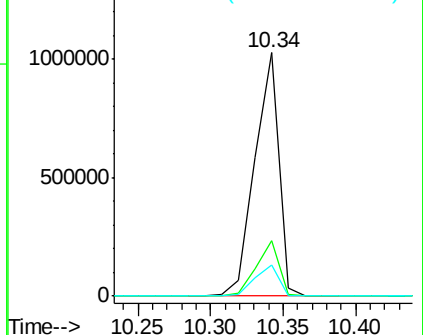
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

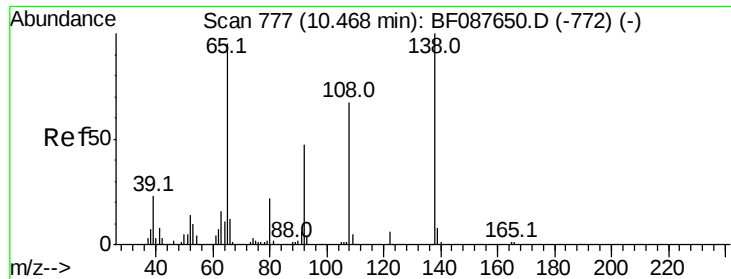


#59
Diethylphthalate
Concen: 67.56 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1183905		
177	22.9	16.9	25.3	
150	12.9	10.1	15.1	

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





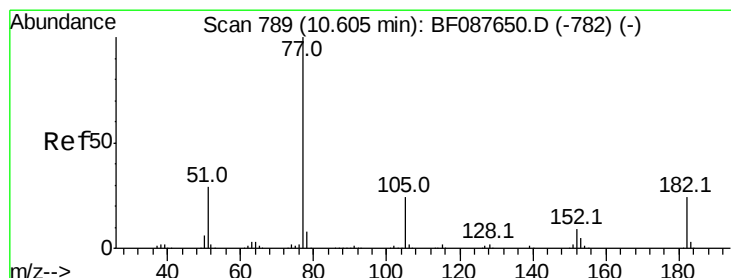
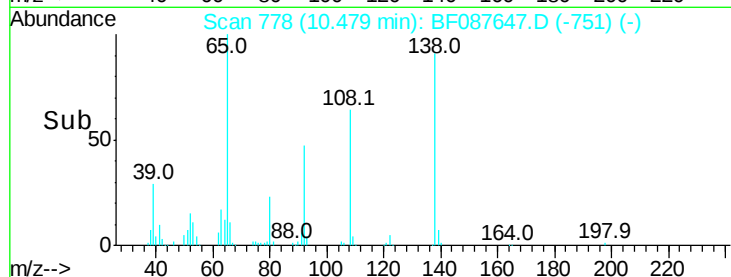
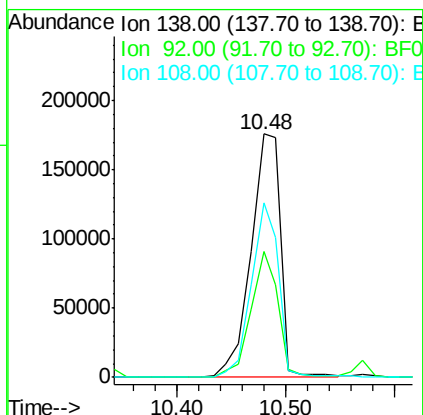
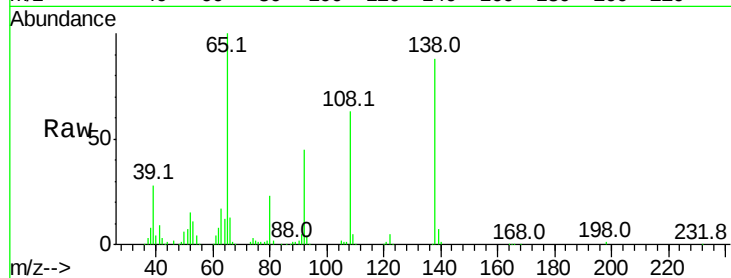
#61
4-Nitroaniline
Concen: 92.68 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	27.3	67.3
108	71.5	46.7	86.7

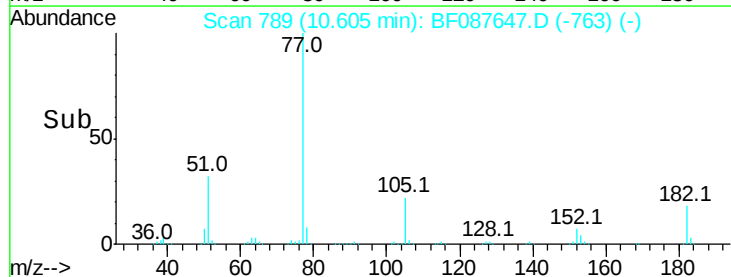
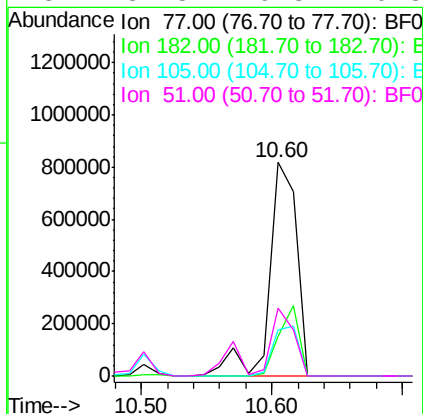
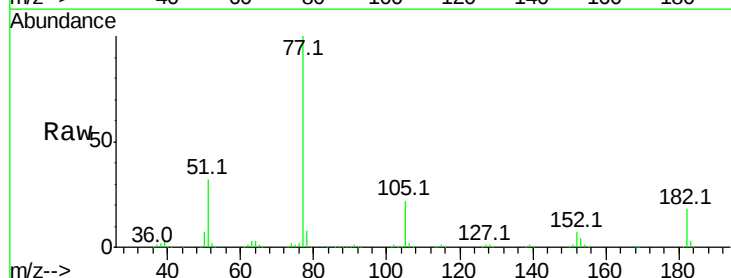
Manual Integrations
APPROVED

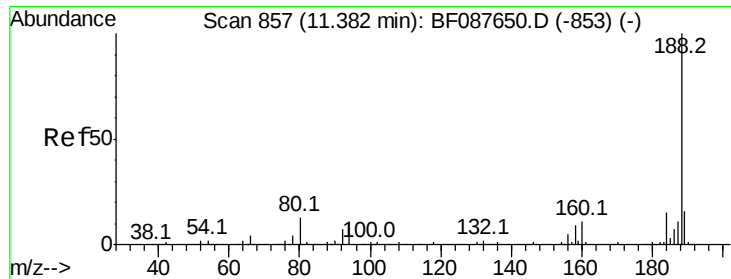
SOHIL
6/6/2016 7:17:48 PM



#62
Azobenzene
Concen: 67.77 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	4.4	44.4
105	21.8	3.8	43.8
51	31.8	9.3	49.3





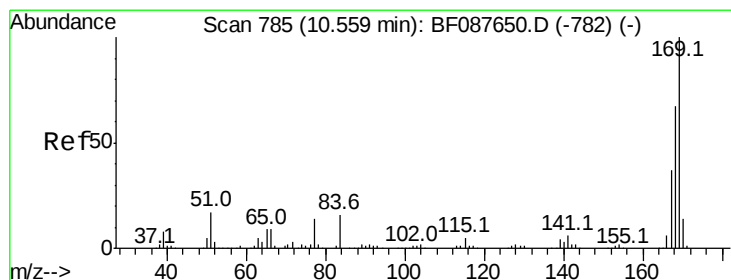
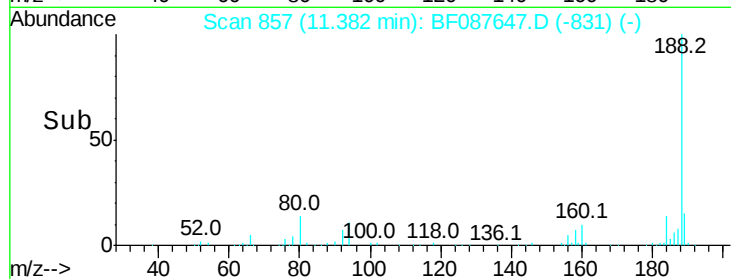
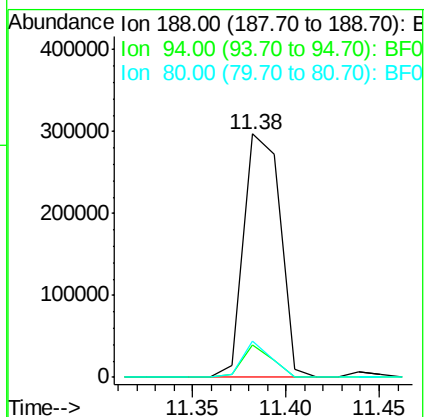
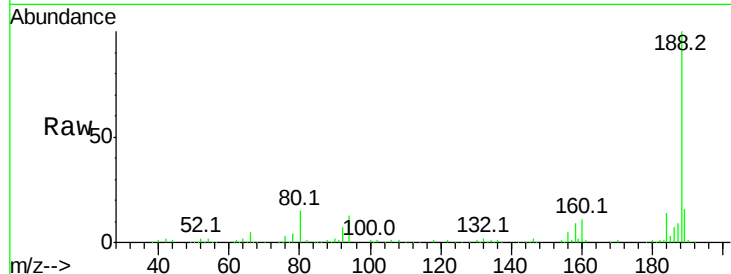
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.4	9.0	13.6
80	14.7	10.0	15.0

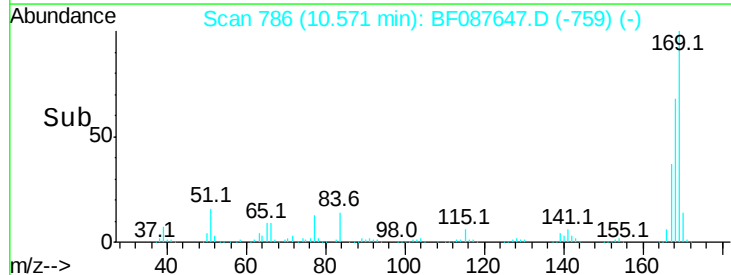
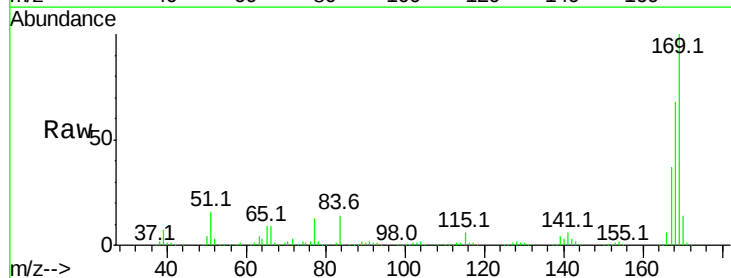
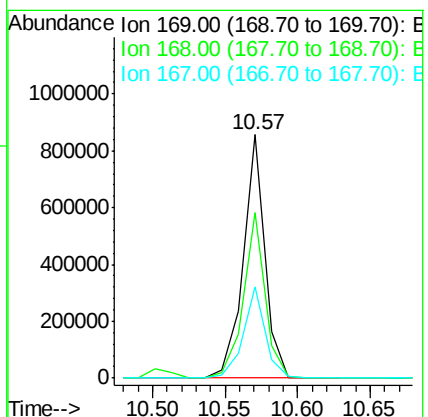
Manual Integrations
APPROVED

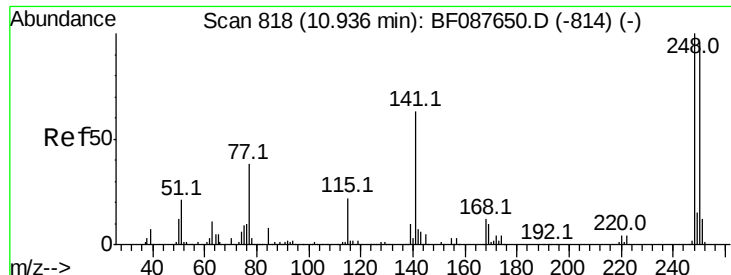
SOHIL
6/6/2016 7:17:48 PM



#65
n-Nitrosodiphenylamine
Concen: 67.16 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	68.2	53.4	80.0
167	37.5	29.4	44.0





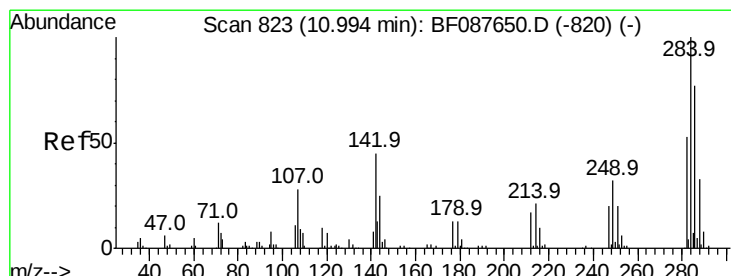
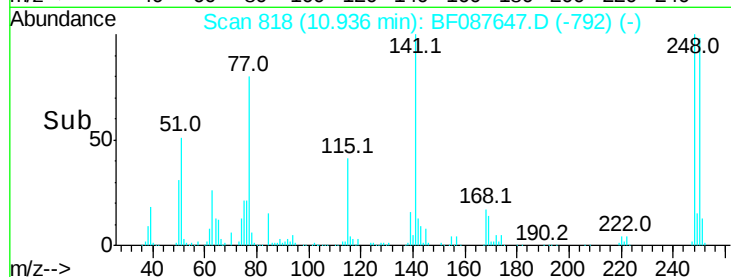
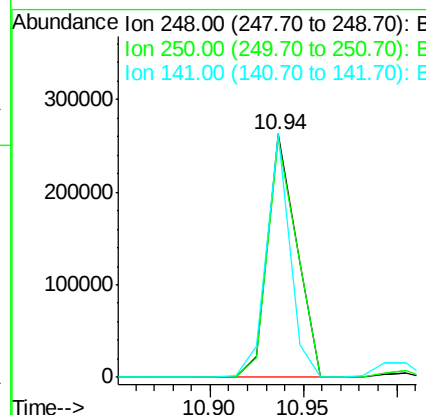
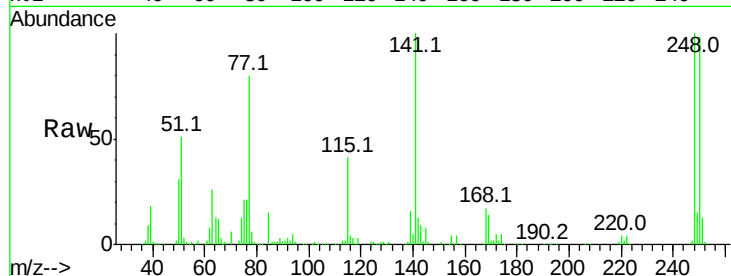
#66
4-Bromophenyl-phenylether
Concen: 63.18 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
248	100	281154		
250	97.8		77.1	115.7
141	100.0		50.6	76.0#

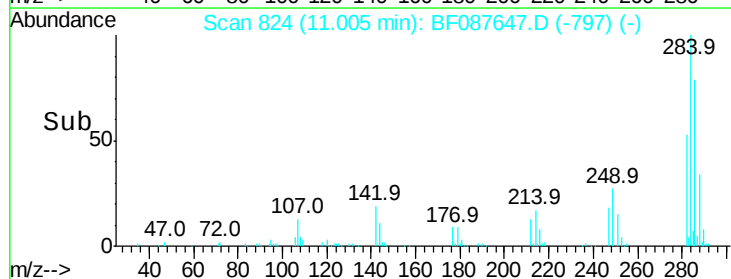
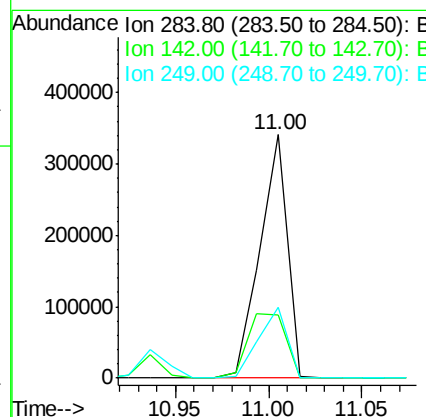
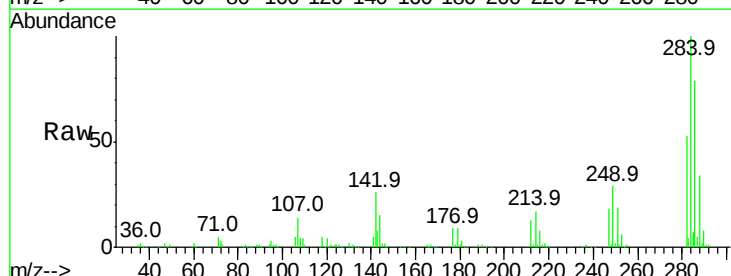
Manual Integrations
APPROVED

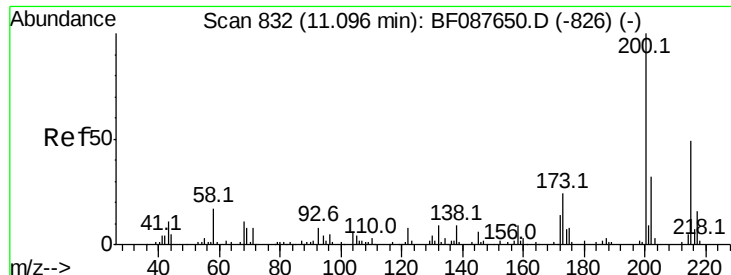
SOHIL
6/6/2016 7:17:48 PM



#67
Hexachlorobenzene
Concen: 75.00 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	345911		
142	26.1		35.8	53.8#
249	29.3		25.8	38.6





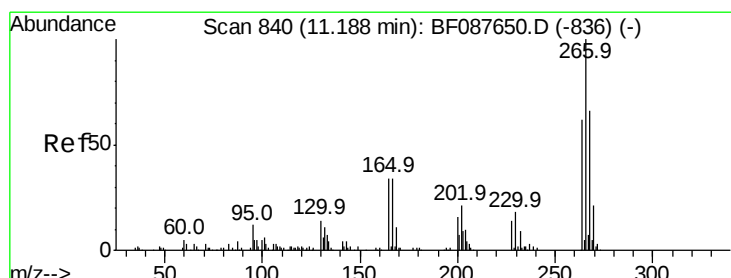
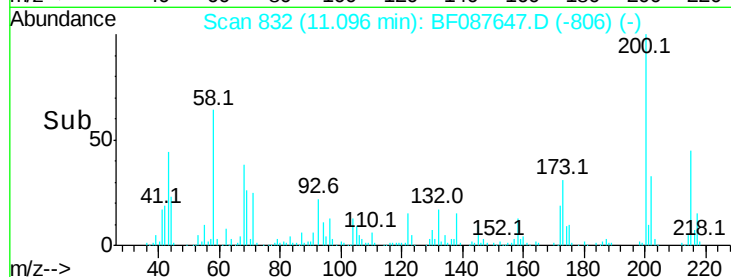
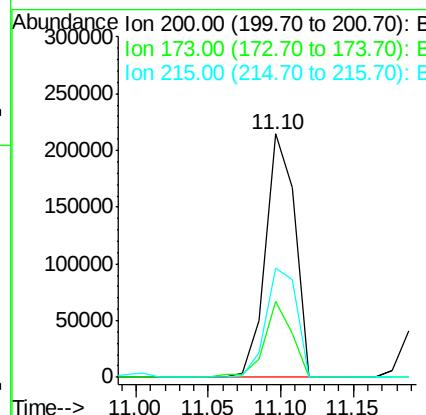
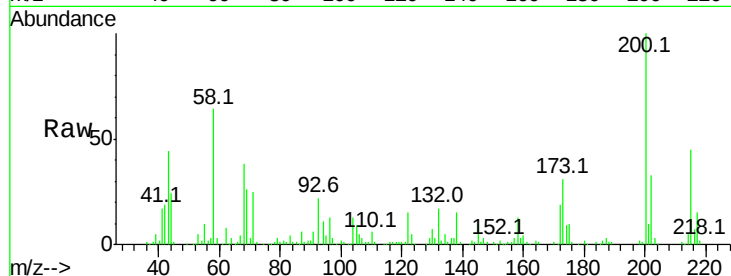
#68
Atrazine
Concen: 71.61 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	31.2	4.0	44.0
215	44.8	29.3	69.3

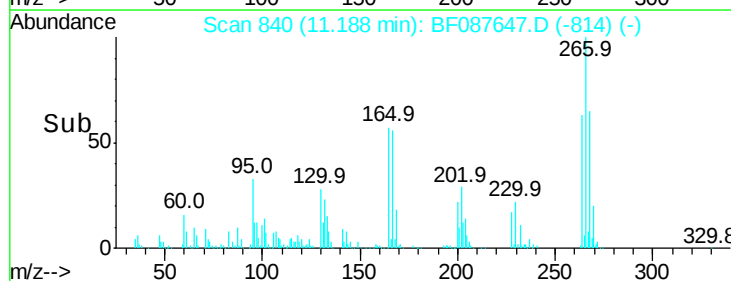
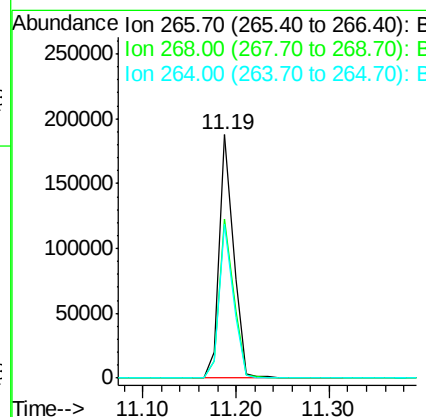
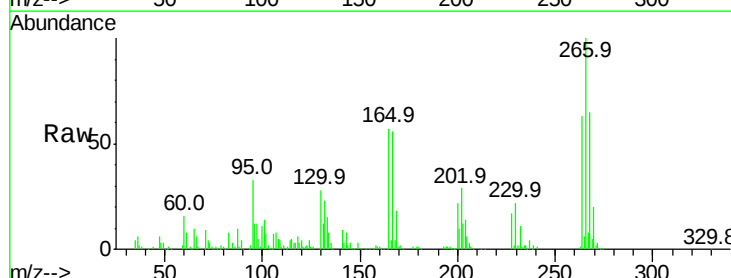
Manual Integrations
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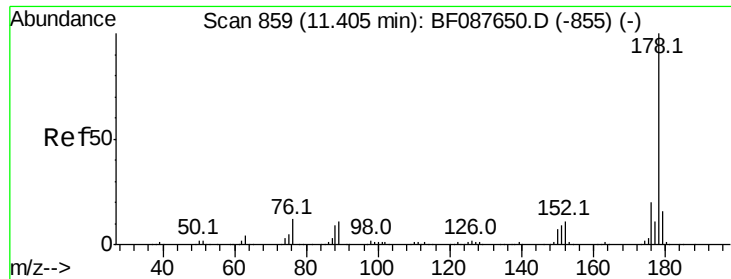
SOHIL
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#69
Pentachlorophenol
Concen: 133.49 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	52.8	79.2
264	63.5	49.6	74.4





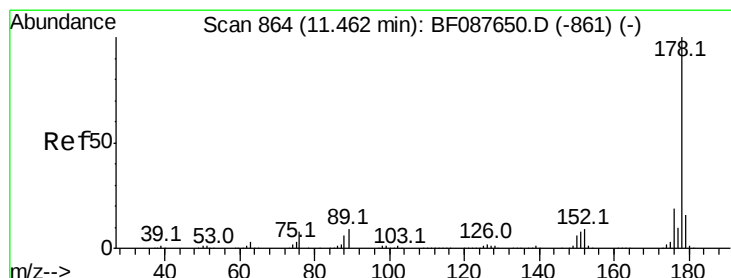
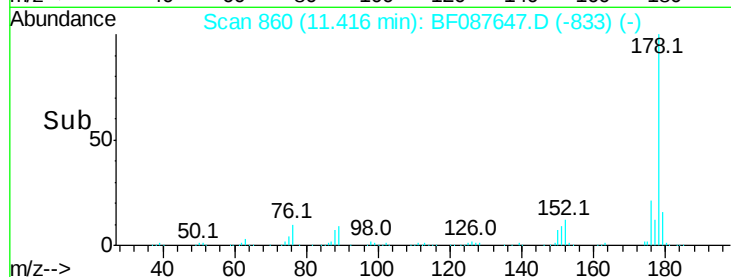
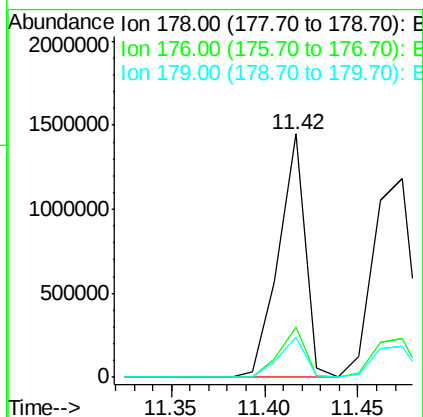
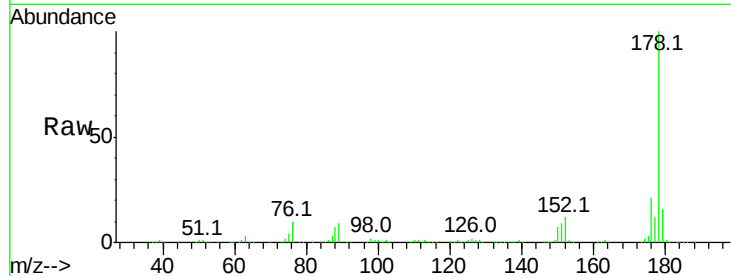
#70
Phenanthrene
Concen: 64.65 ng
RT: 11.42 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:178 Resp: 1444462
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.5 13.0 19.4

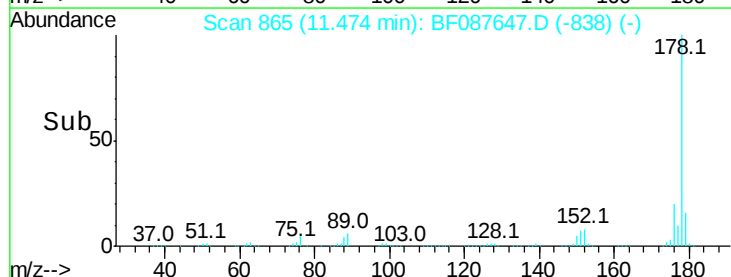
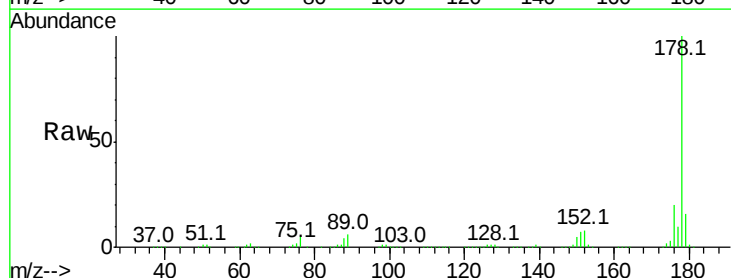
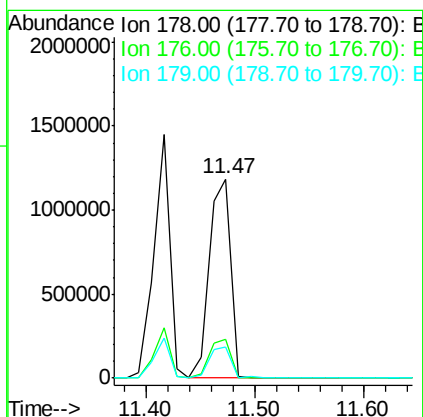
Manual Integrations
APPROVED

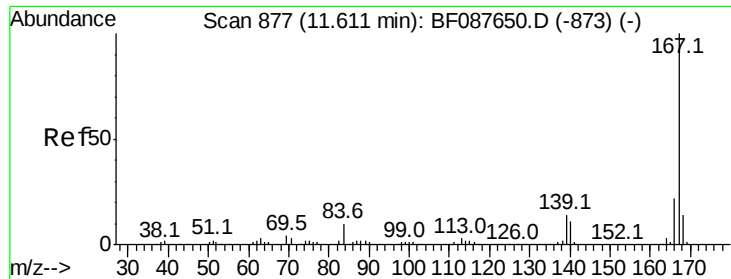
SOHIL
6/6/2016 7:17:48 PM



#71
Anthracene
Concen: 70.81 ng
RT: 11.47 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion:178 Resp: 1627677
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.8 19.2





#72

Carbazole

Concen: 80.16 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1564427

Ion Ratio Lower Upper

167 100

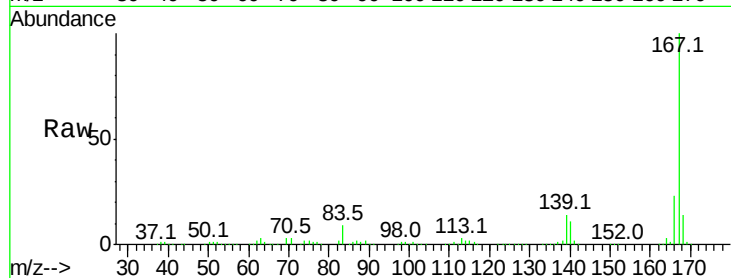
166 23.0 17.8 26.6

139 14.4 11.2 16.8

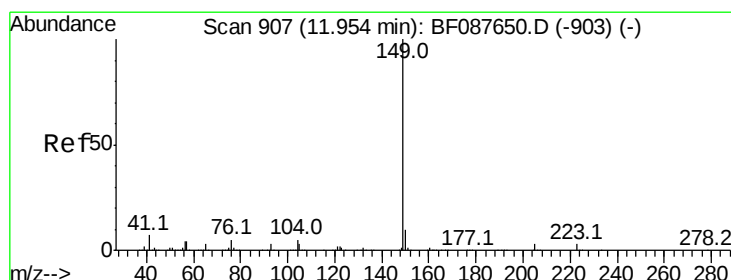
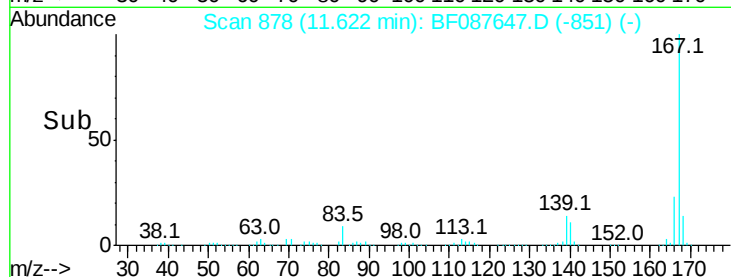
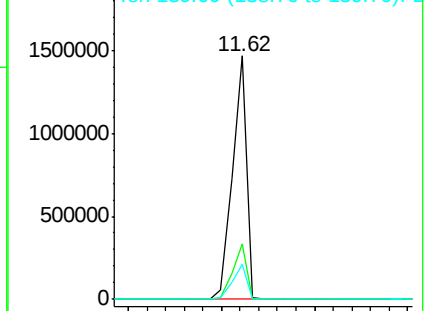
Manual Integrations
APPROVED

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Abundance Ion 167.00 (166.70 to 167.70): E
2000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 65.89 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

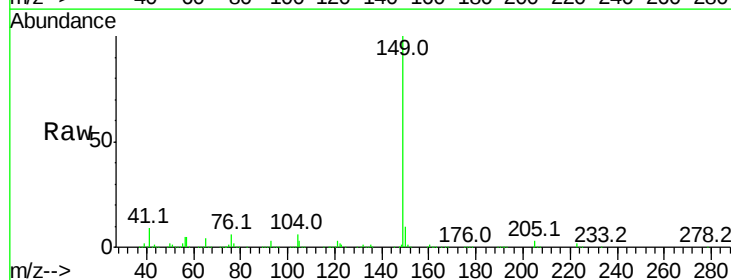
Tgt Ion:149 Resp: 1637535

Ion Ratio Lower Upper

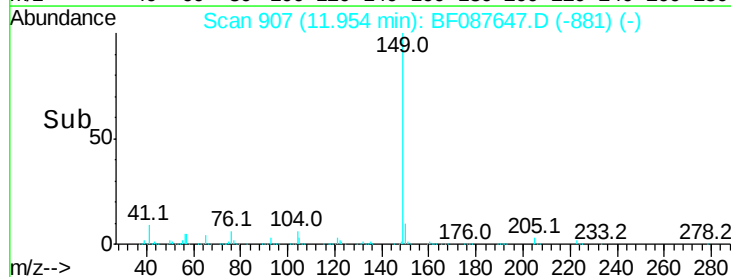
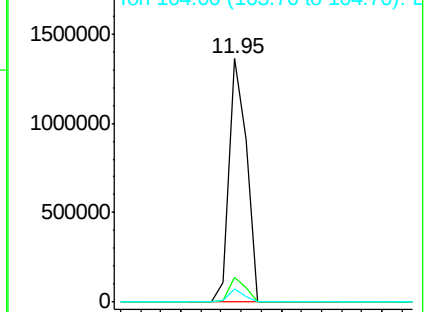
149 100

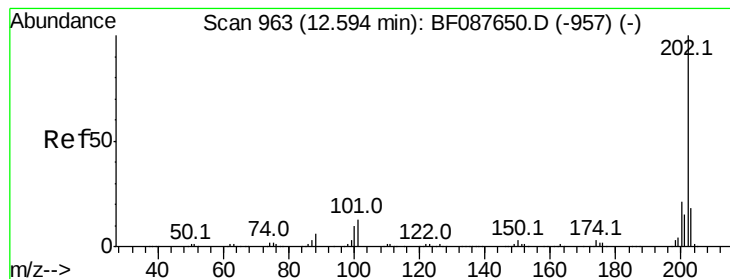
150 10.1 7.8 11.6

104 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





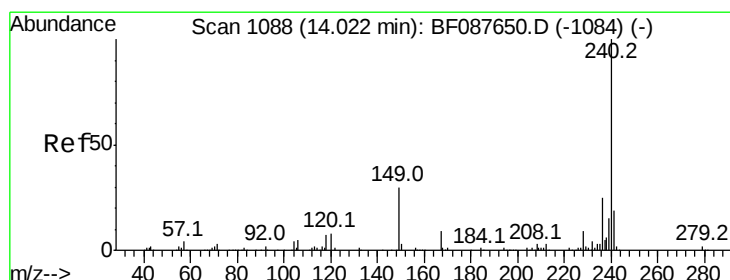
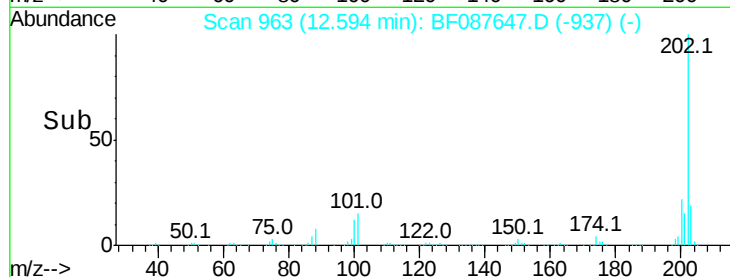
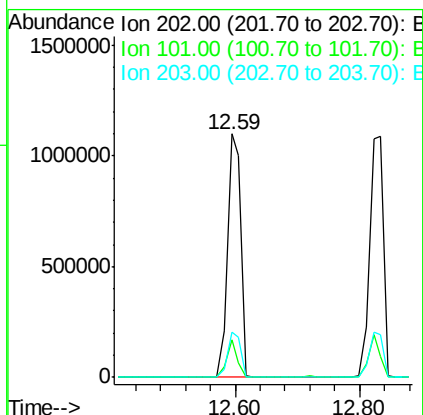
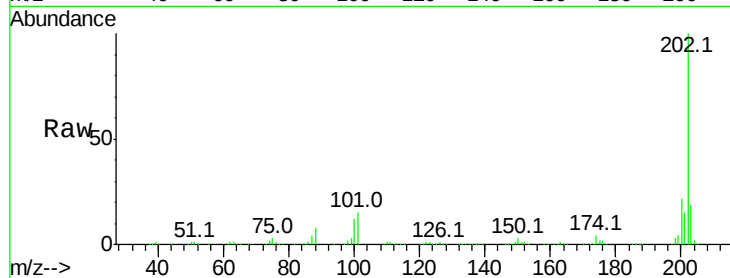
#74
Fluoranthene
 Concen: 70.89 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	33.1
203	18.5	0.0	38.1

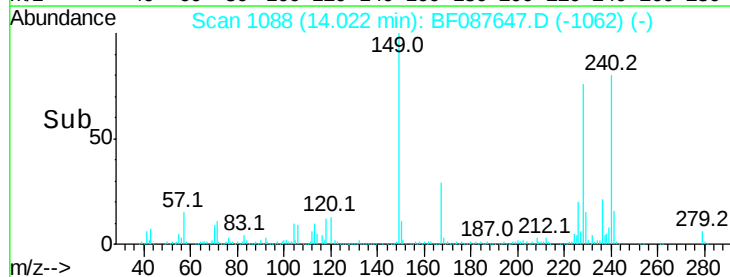
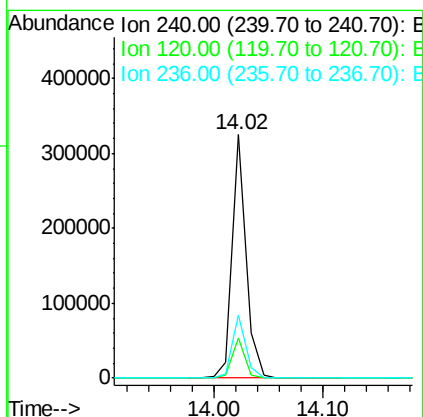
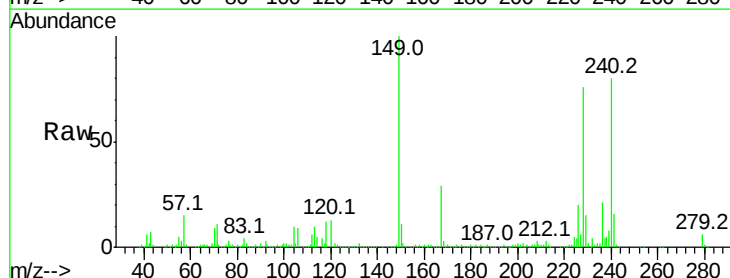
Manual Integrations
 APPROVED

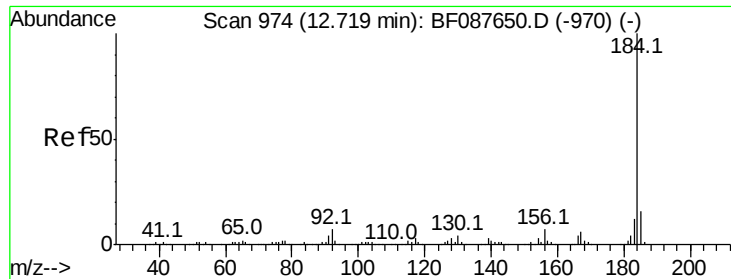
SOHIL
 6/6/2016 7:17:48 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.5	6.8	10.2#
236	26.0	20.2	30.2





#76

Benzidine

Concen: 85.82 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

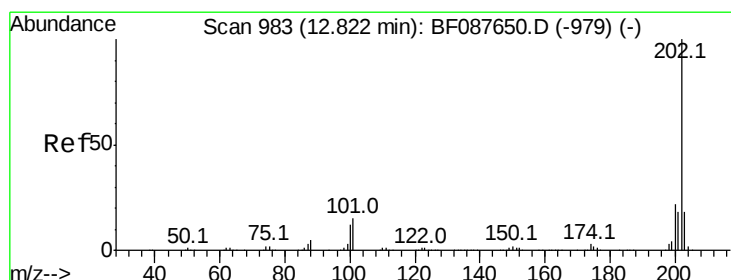
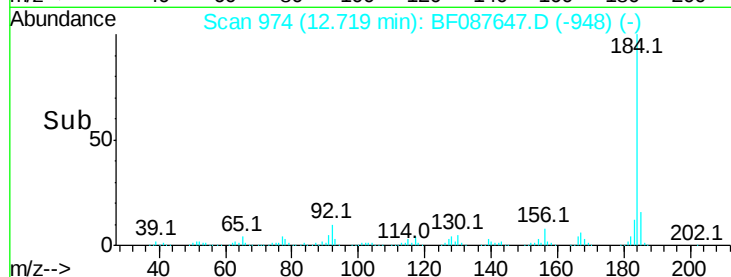
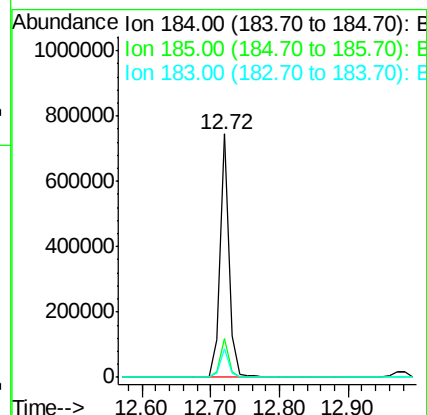
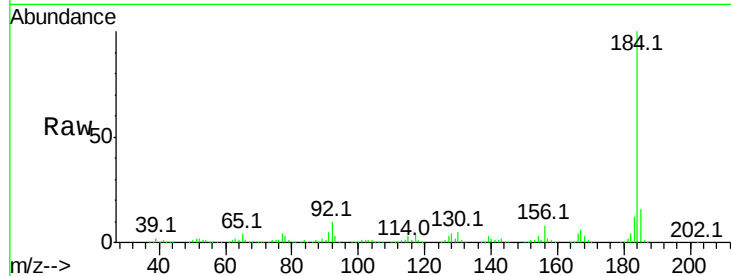
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.5	18.7
183	11.8	9.3	13.9

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:17:48 PM



#77

Pyrene

Concen: 81.08 ng

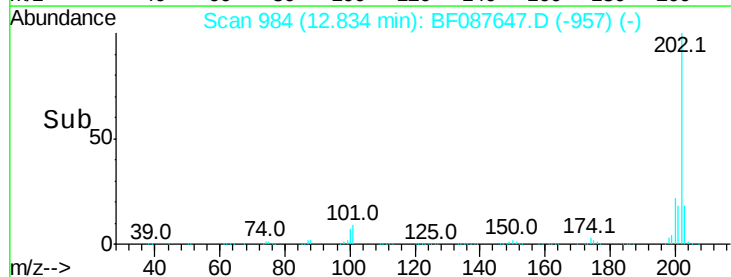
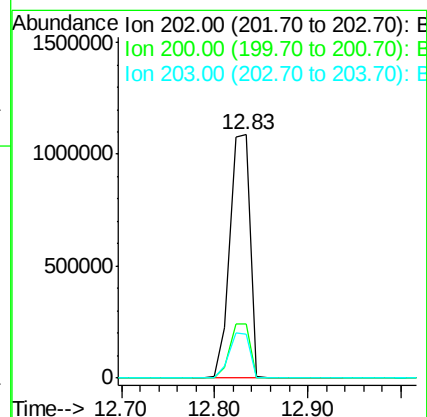
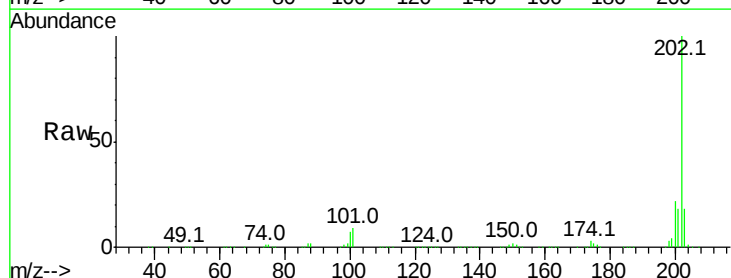
RT: 12.83 min Scan# 984

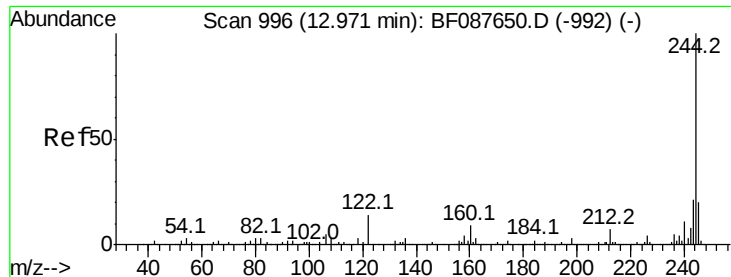
Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7





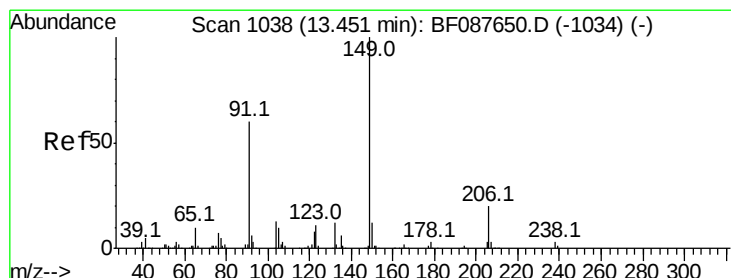
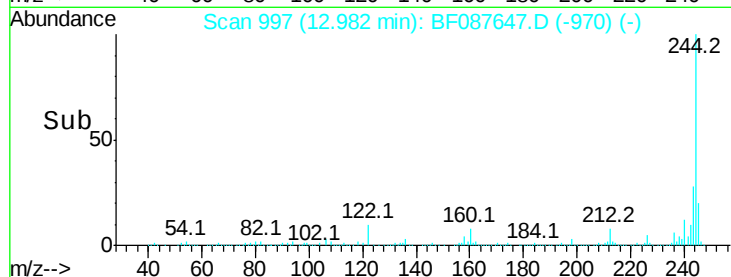
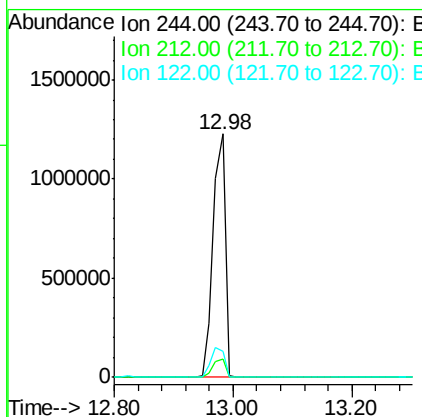
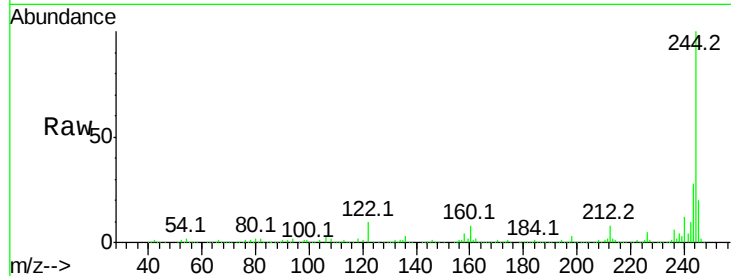
#78
 Terphenyl-d14
 Concen: 133.96 ng
 RT: 12.98 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.5	11.2	16.8

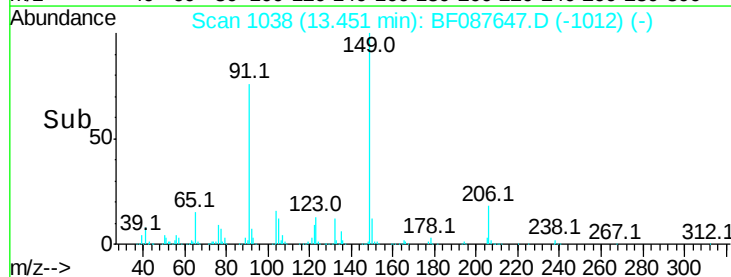
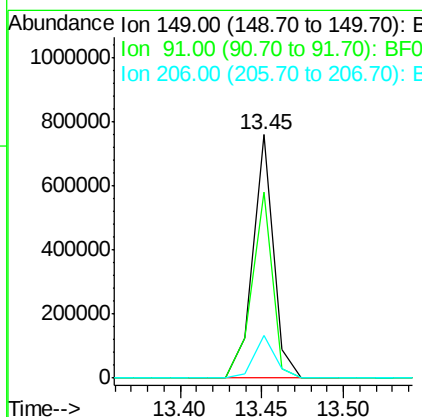
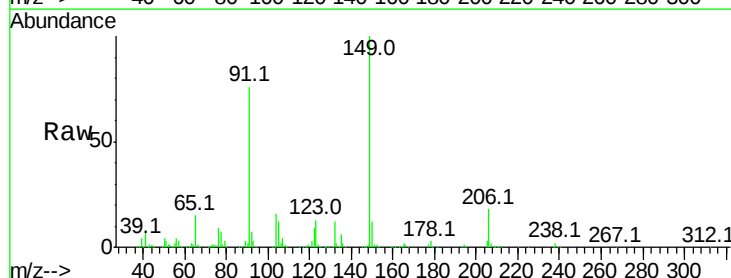
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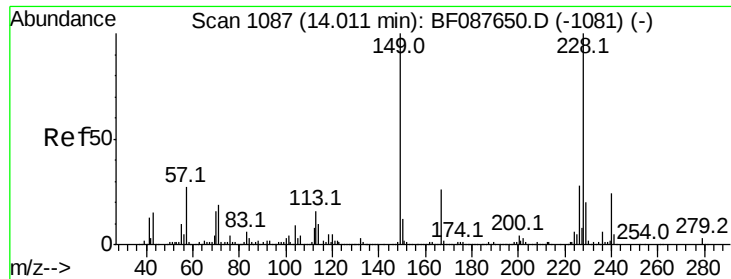
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#79
 Butylbenzylphthalate
 Concen: 74.21 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.2	48.0	72.0
206	17.5	16.0	24.0





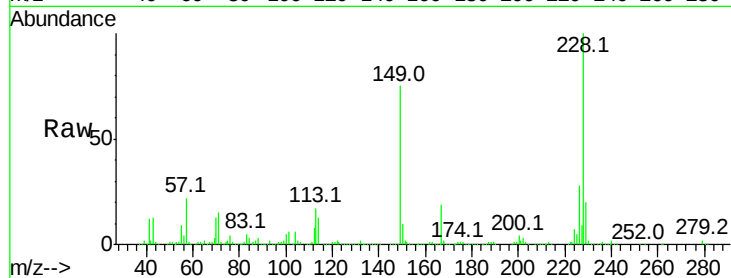
#80
Benzo(a)anthracene
Concen: 72.02 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

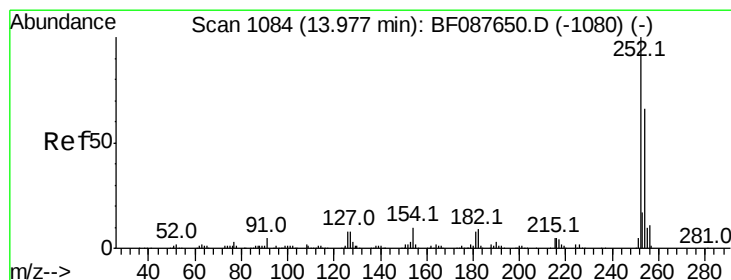
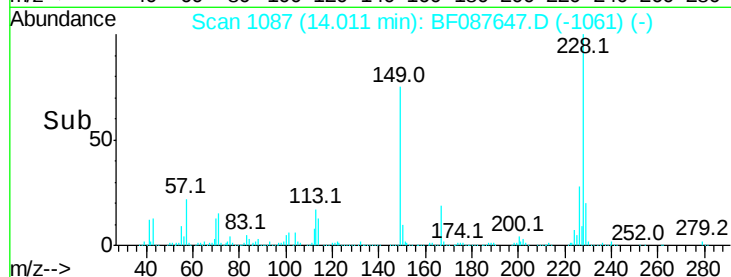
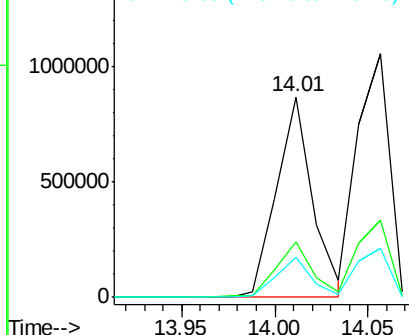
Tot Ion:228 Resp: 1166007
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.3 16.0 24.0

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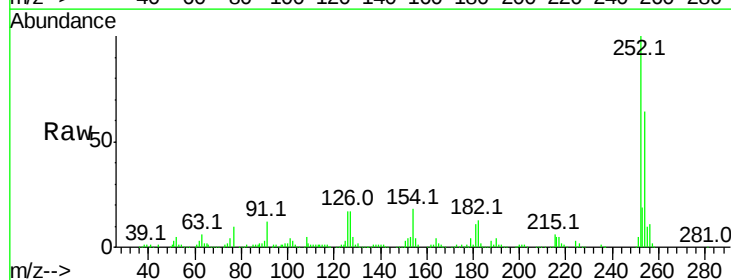


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

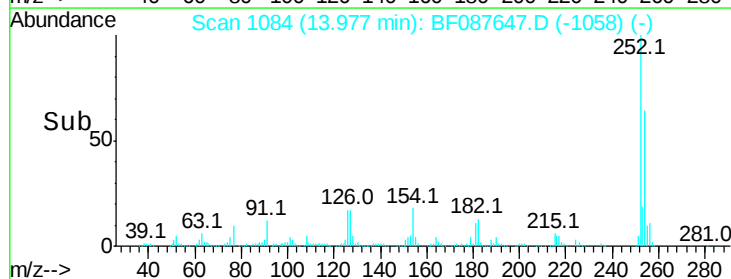
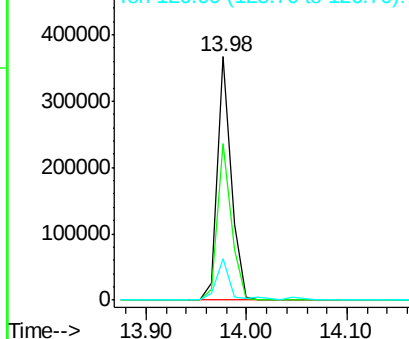


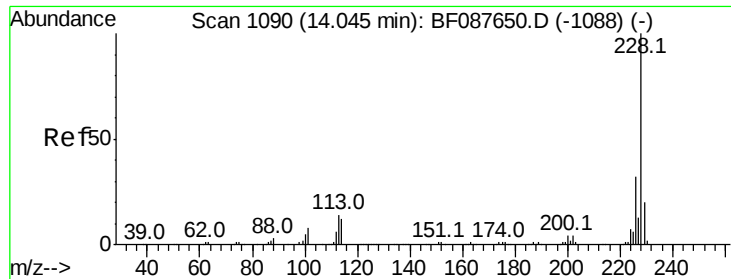
#81
3,3'-Dichlorobenzidine
Concen: 42.03 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion:252 Resp: 353235
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 17.0 6.2 9.2#



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





#82

Chrysene

Concen: 78.80 ng

RT: 14.06 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1270611

Ion Ratio Lower Upper

228 100

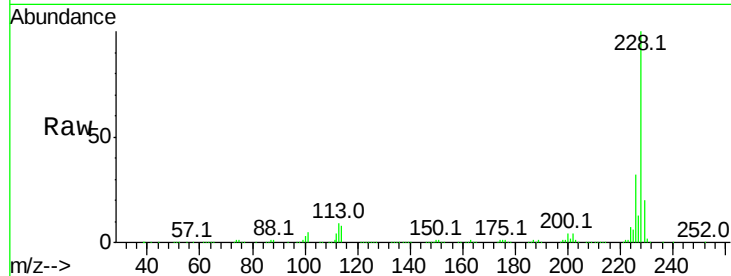
226 31.5 25.4 38.2

229 20.0 16.3 24.5

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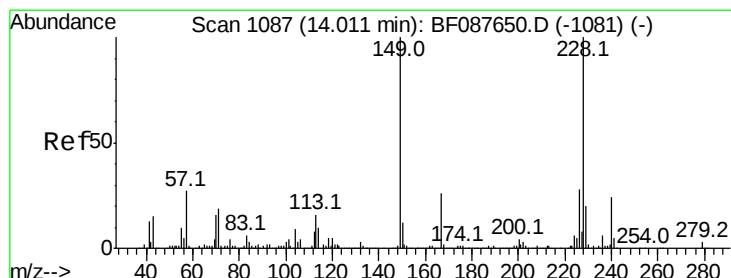
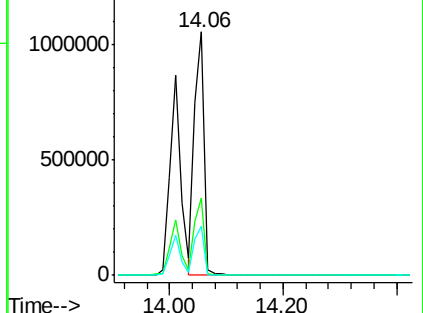
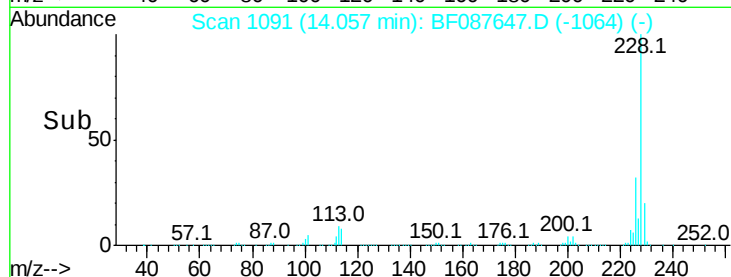
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 60.48 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

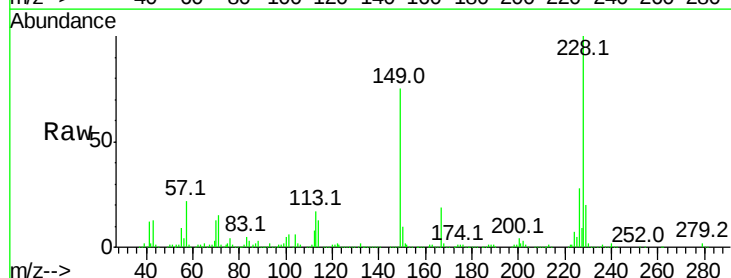
Tgt Ion:149 Resp: 777114

Ion Ratio Lower Upper

149 100

167 25.4 20.5 30.7

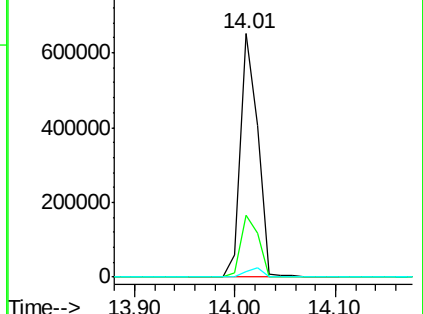
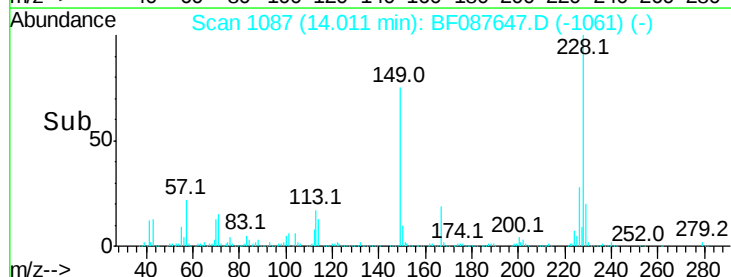
279 2.4 2.0 3.0

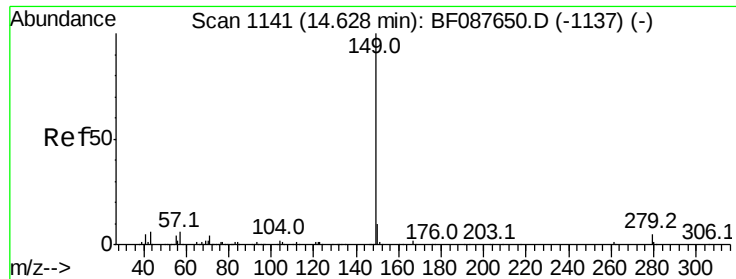


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 78.40 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1555454

Ion Ratio Lower Upper

149 100

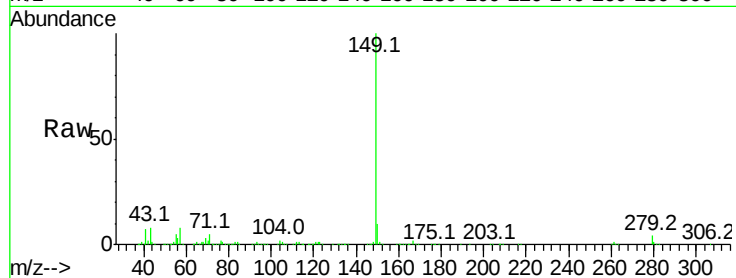
167 1.5 0.0 0.0#

43 10.0 0.0 0.0#

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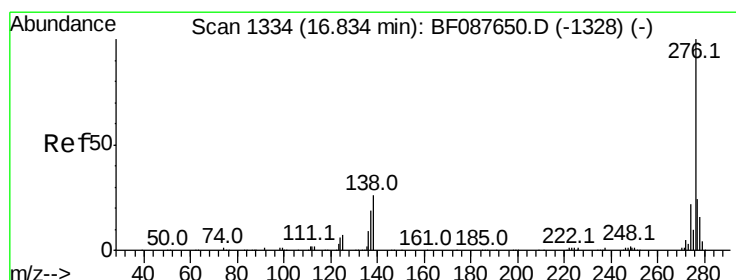
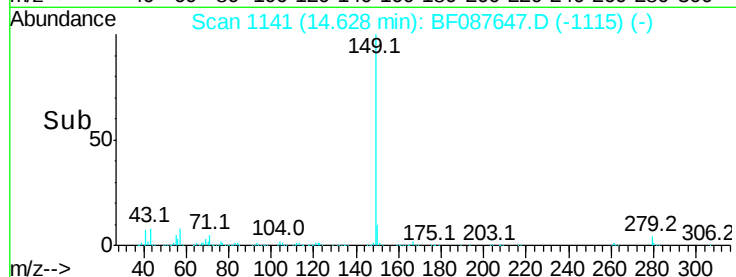
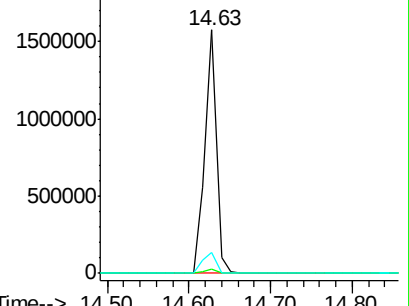
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 91.85 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF087647.D

Acq: 4 Jun 2016 2:51

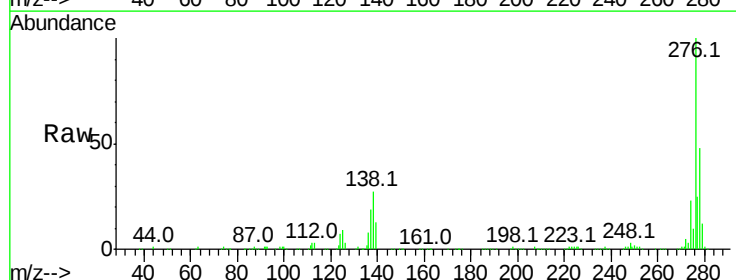
Tgt Ion:276 Resp: 1187886

Ion Ratio Lower Upper

276 100

138 29.8 0.0 0.0#

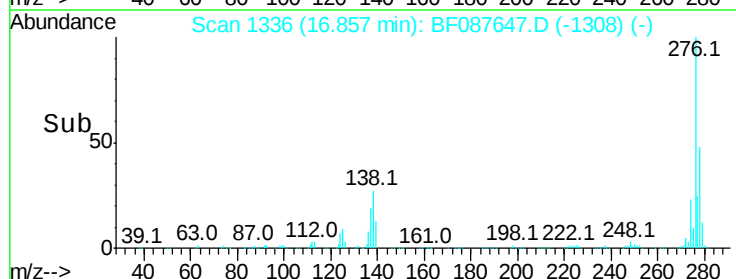
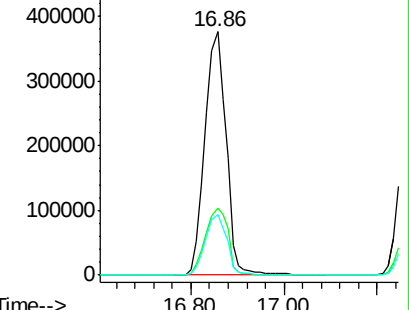
277 25.4 0.0 0.0#

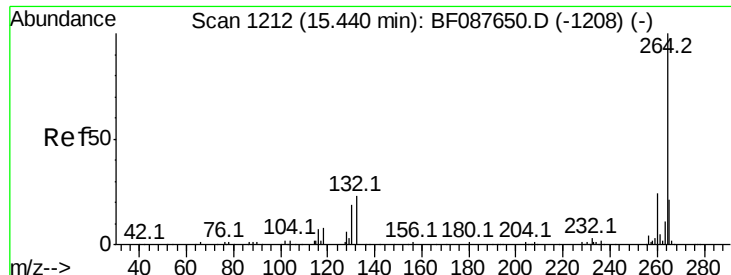


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





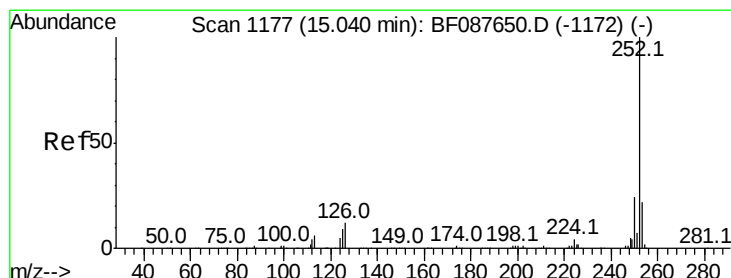
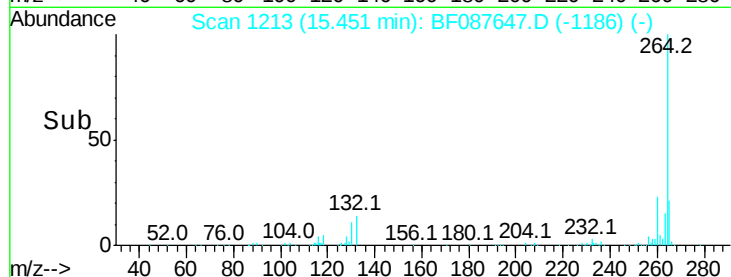
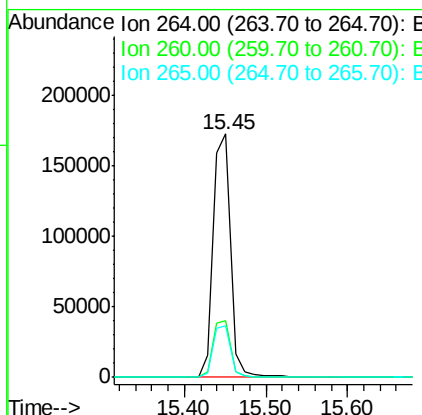
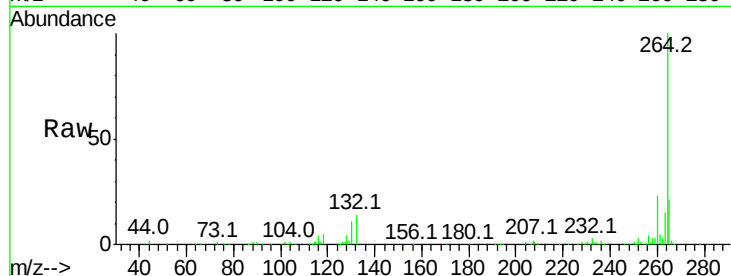
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	16.9	25.3

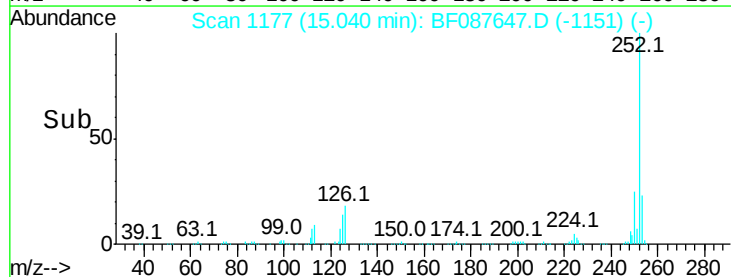
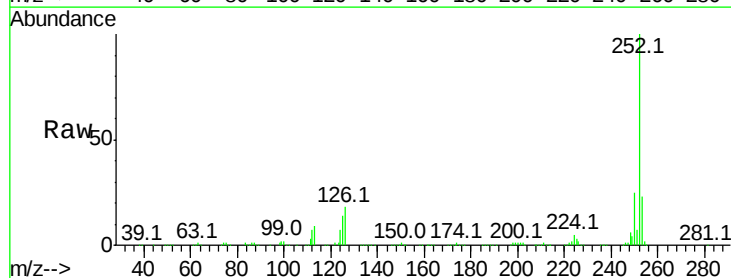
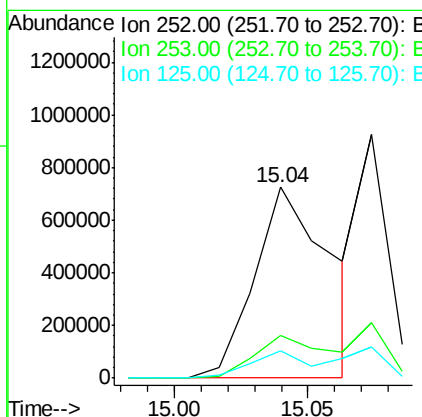
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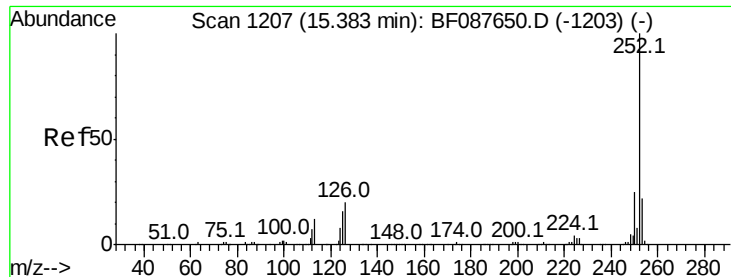
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#87
Benzo(b)fluoranthene
Concen: 86.60 ng m
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	14.1	7.1	10.7#





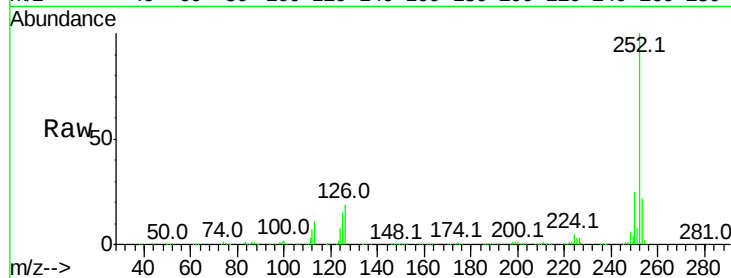
#89
Benzo(a)pyrene
Concen: 72.46 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

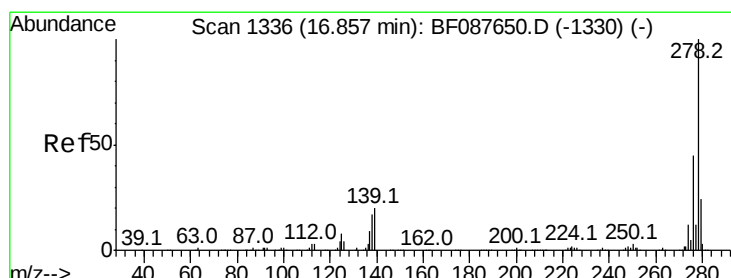
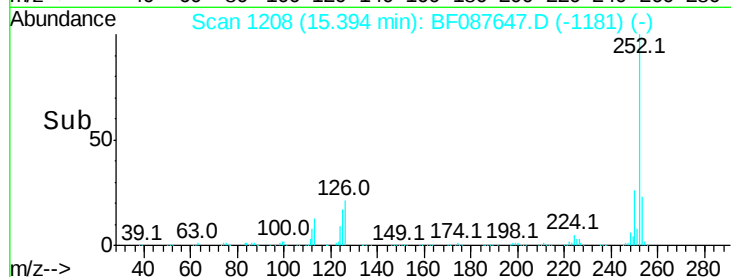
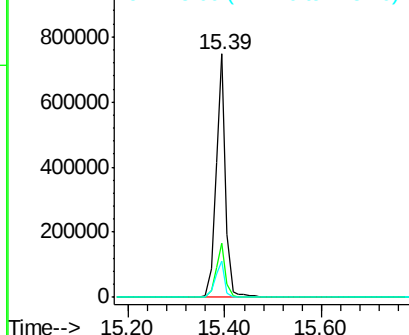
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.8	12.5	18.7

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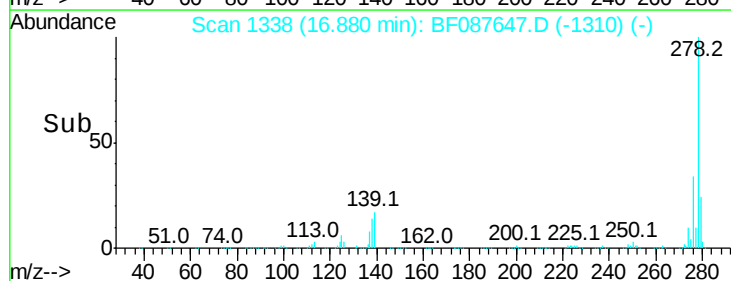
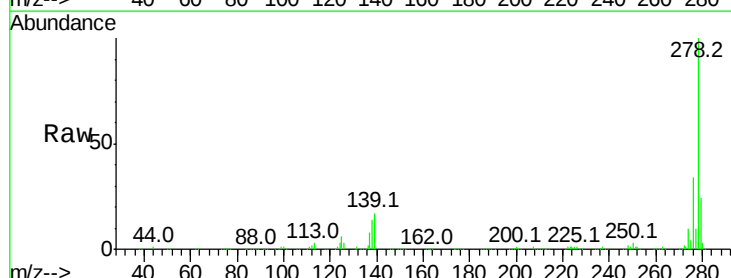
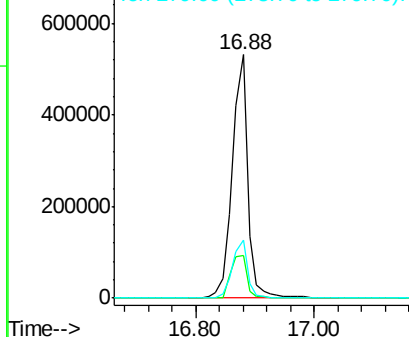
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

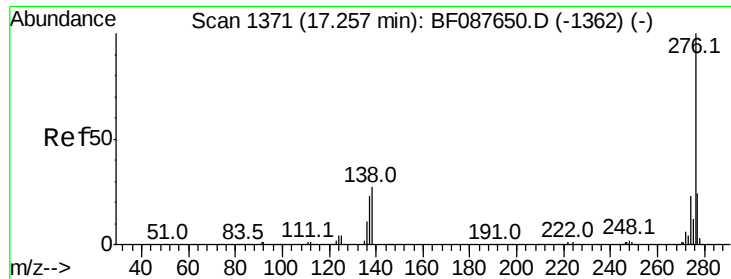


#90
Dibenzo(a,h)anthracene
Concen: 80.41 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF087647.D
Acq: 4 Jun 2016 2:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.7	23.5
279	24.0	19.4	29.2

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





#91
 Benzo(a,h,i)perylene
 Concen: 84.22 ng
 RT: 17.28 min Scan# 1373
 Delta R.T. 0.02 min
 Lab File: BF087647.D
 Acq: 4 Jun 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	276	Resp:	1003852
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	26.2	21.4	32.2

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