

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087100.D
 Acq On : 17 May 2016 13:41
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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 5/18/2016 6:56:30 PM

Quant Time: May 17 14:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 14:49:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	150809	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	646501	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	296864	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	561648	20.00	ng	0.00
75) Chrysene-d12	13.75	240	418311	20.00	ng	0.00
86) Perylene-d12	15.10	264	363652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	884061	99.28	ng	0.00
7) Phenol-d6	6.27	99	1175056	98.73	ng	0.00
23) Nitrobenzene-d5	7.18	82	1188160	92.28	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	342329	108.92	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1816548	102.84	ng	0.00
78) Terphenyl-d14	12.70	244	1675261	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	228065	52.17	ng	# 73
3) Pyridine	2.65	79	584294	54.67	ng	# 61
4) n-Nitrosodimethylamine	2.63	42	415533	53.62	ng	# 50
6) Aniline	6.26	93	738202	51.28	ng	96
8) 2-Chlorophenol	6.39	128	537029	49.98	ng	91
9) Benzaldehyde	6.14	77	300988	43.67	ng	95
10) Phenol	6.28	94	772373	54.60	ng	84
11) bis(2-Chloroethyl)ether	6.34	93	495943	44.96	ng	84
12) 1,3-Dichlorobenzene	6.54	146	585292	50.33	ng	98
13) 1,4-Dichlorobenzene	6.62	146	577823	48.73	ng	98
14) 1,2-Dichlorobenzene	6.76	146	467133	45.20	ng	95
15) Benzyl Alcohol	6.76	79	458663	55.81	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1074940	44.82	ng	# 45
17) 2-Methylphenol	6.89	107	442320	51.73	ng	# 82
18) Hexachloroethane	7.11	117	221534	49.65	ng	# 82
19) n-Nitroso-di-n-propylamine	7.04	70	468579	56.34	ng	# 78
20) 3+4-Methylphenols	7.05	107	595036	53.28	ng	# 59
22) Acetophenone	7.03	105	786646	51.51	ng	98
24) Nitrobenzene	7.20	77	729870	55.11	ng	97
25) Isophorone	7.44	82	1142421	47.82	ng	99
26) 2-Nitrophenol	7.51	139	275574	47.33	ng	# 66
27) 2,4-Dimethylphenol	7.58	122	478305	48.23	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	682388	52.96	ng	98
29) 2,4-Dichlorophenol	7.76	162	418753	47.97	ng	92
30) 1,2,4-Trichlorobenzene	7.83	180	451546	46.27	ng	96
31) Naphthalene	7.91	128	1472197	45.46	ng	99
32) Benzoic acid	7.75	122	292991	50.30	ng	# 80
33) 4-Chloroaniline	7.98	127	654535	52.02	ng	96
34) Hexachlorobutadiene	8.02	225	252968	44.67	ng	97
35) Caprolactam	8.38	113	144782	48.75	ng	# 52
36) 4-Chloro-3-methylphenol	8.48	107	503576	47.57	ng	89
37) 2-Methylnaphthalene	8.59	142	923481	48.78	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	402706	46.66	ng	97
40) Hexachlorocyclopentadiene	8.75	237	153343	37.43	ng	95

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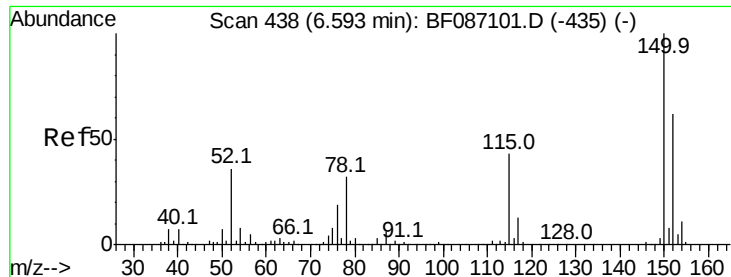
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	276697	47.94	nq	95
43) 2,4,5-Trichlorophenol	8.94	196	294743	49.38	nq #	84
45) 1,1'-Biphenyl	9.06	154	1133239	47.99	nq	95
46) 2-Chloronaphthalene	9.08	162	891030	48.16	nq	93
47) 2-Nitroaniline	9.20	65	363337	53.74	nq #	76
48) Acenaphthylene	9.50	152	1286823	47.29	nq	99
49) Dimethylphthalate	9.38	163	1112849	49.14	nq	100
50) 2,6-Dinitrotoluene	9.45	165	264691	55.53	nq #	68
51) Acenaphthene	9.67	154	802546	47.41	nq	99
52) 3-Nitroaniline	9.61	138	273838	54.57	nq #	77
53) 2,4-Dinitrophenol	9.72	184	141227	71.18	nq #	74
54) Dibenzofuran	9.84	168	1035952	47.68	nq	93
55) 4-Nitrophenol	9.80	139	131375m	44.00	nq	
56) 2,4-Dinitrotoluene	9.85	165	330216	55.98	nq	95
57) Fluorene	10.18	166	835754	45.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	233088	51.87	nq	96
59) Diethylphthalate	10.08	149	1117852	50.65	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	476317	50.53	nq #	84
61) 4-Nitroaniline	10.24	138	278994	57.89	nq	88
62) Azobenzene	10.34	77	1264473	53.10	nq	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	197191	56.52	nq #	74
65) n-Nitrosodiphenylamine	10.31	169	902365	52.30	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	261802	45.98	nq	94
67) Hexachlorobenzene	10.73	284	341341	51.29	nq #	89
68) Atrazine	10.84	200	271362	47.08	nq	96
69) Pentachlorophenol	10.94	266	137264	44.63	nq	96
70) Phenanthrene	11.14	178	1514181	50.52	nq	100
71) Anthracene	11.19	178	1336796	43.61	nq	100
72) Carbazole	11.36	167	1423165	54.01	nq	100
73) Di-n-butylphthalate	11.69	149	1667144	51.81	nq	100
74) Fluoranthene	12.32	202	1440340	46.72	nq	97
76) Benzidine	12.46	184	566991	53.17	nq	99
77) Pyrene	12.55	202	1588855	49.61	nq	99
79) Butylbenzylphthalate	13.18	149	694696	51.28	nq #	81
80) Benzo(a)anthracene	13.74	228	1163151	49.53	nq	98
81) 3,3'-Dichlorobenzidine	13.71	252	755128	50.61	nq #	92
82) Chrysene	13.77	228	1161645	48.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	807814	49.58	nq	97
84) Di-n-octyl phthalate	14.34	149	1303412	48.29	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.34	276	1005086	50.57	nq	95
87) Benzo(b)fluoranthene	14.73	252	1019481m	43.14	nq	
88) Benzo(k)fluoranthene	14.75	252	1029779m	53.21	nq	
89) Benzo(a)pyrene	15.05	252	985814	48.36	nq #	97
90) Dibenzo(a,h)anthracene	16.35	278	829204	48.26	nq	96
91) Benzo(g,h,i)perylene	16.72	276	851631	48.78	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 150809

Ion Ratio Lower Upper

152 100

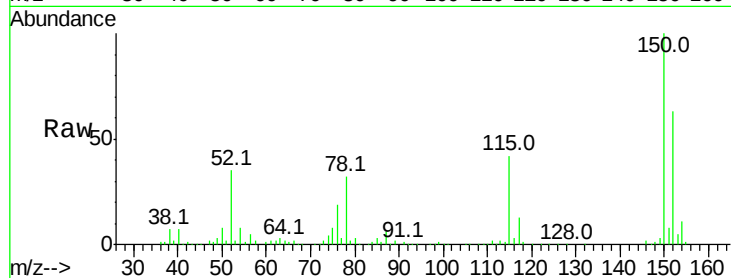
150 158.1 125.8 188.6

115 67.2 51.5 77.3

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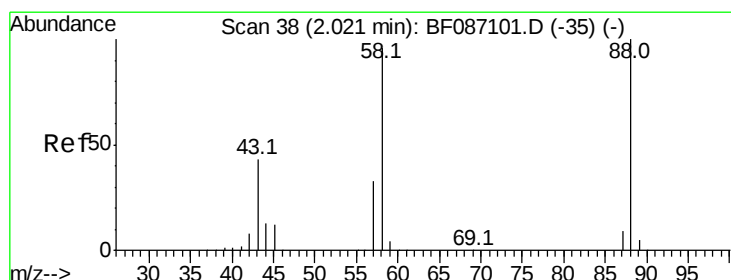
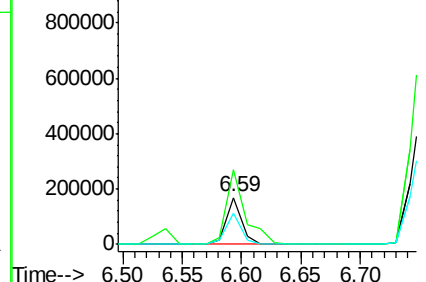
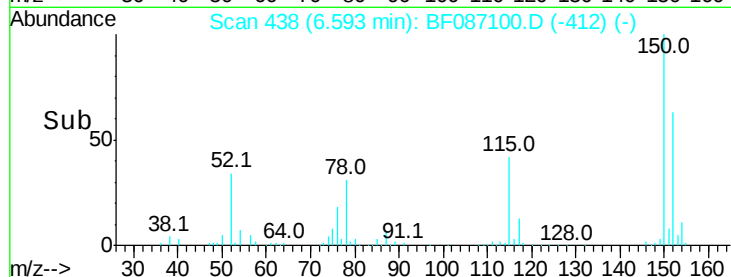
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 52.17 ng

RT: 2.02 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

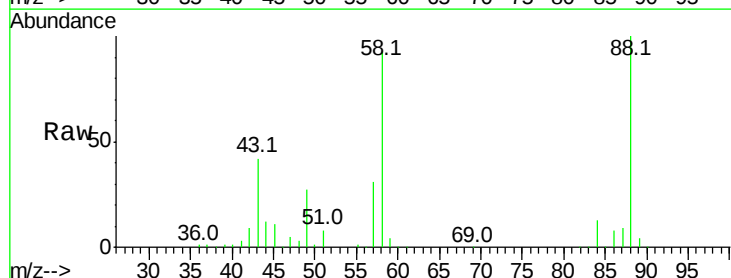
Tgt Ion: 88 Resp: 228065

Ion Ratio Lower Upper

88 100

58 94.4 59.6 89.4#

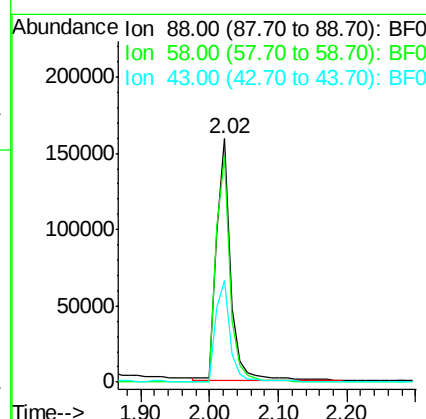
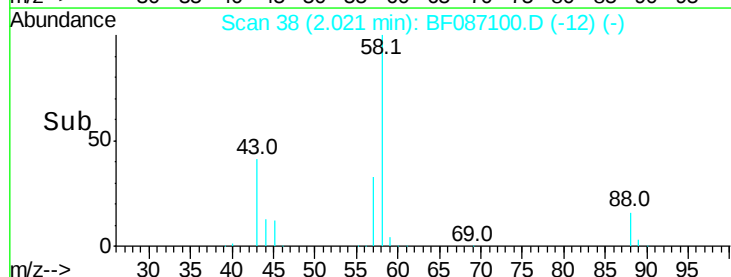
43 45.9 21.8 32.6#

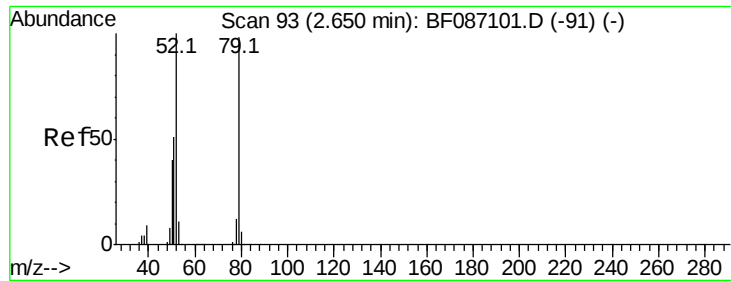


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 54.67 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

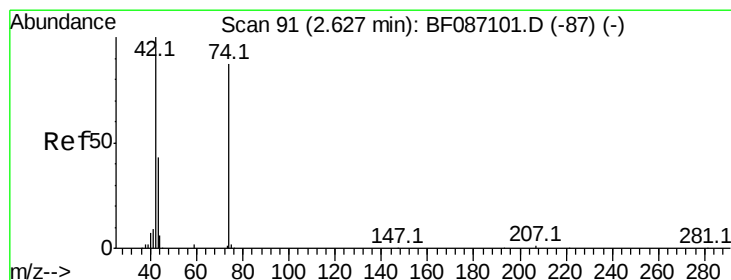
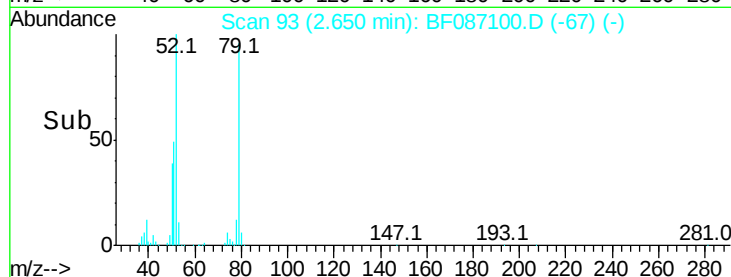
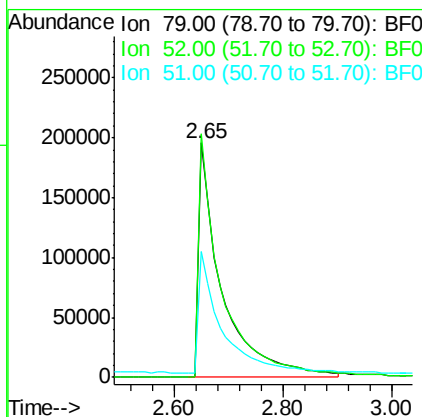
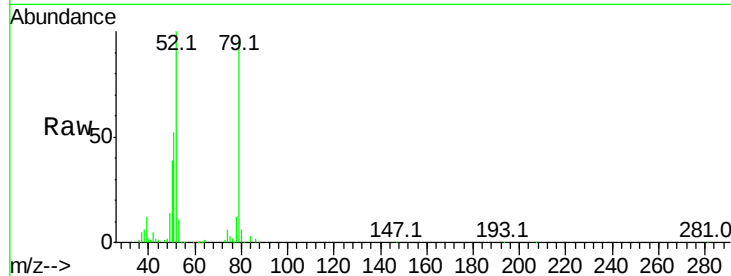
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.0	55.9	83.9#
51	54.0	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 53.62 ng

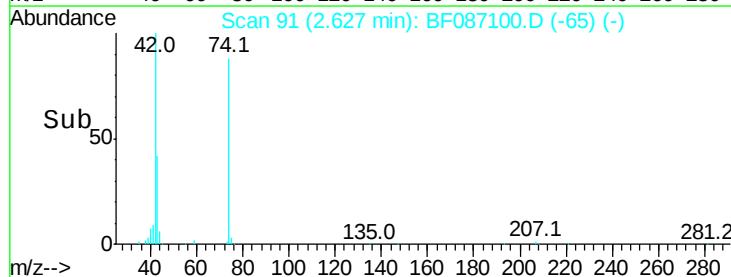
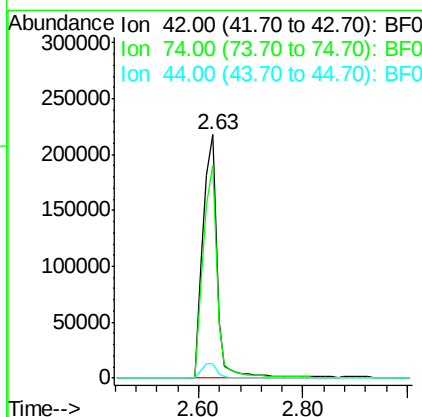
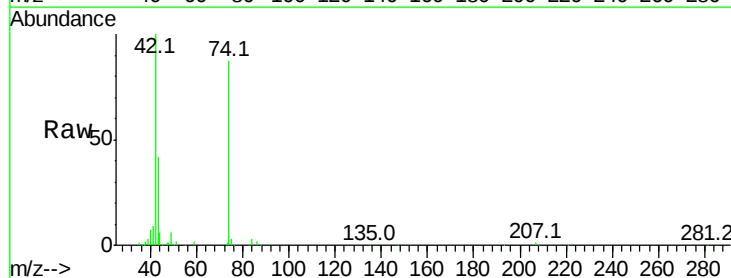
RT: 2.63 min Scan# 91

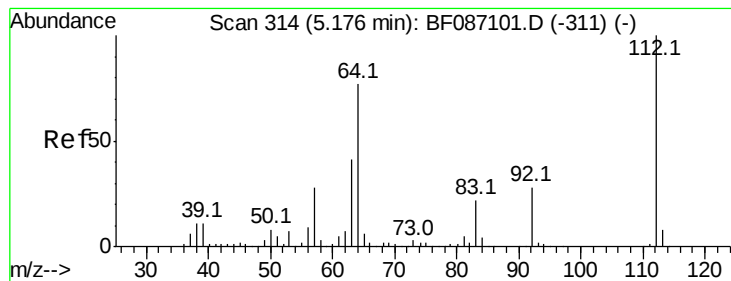
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	87.4	123.4	185.0#
44	6.2	5.8	8.6





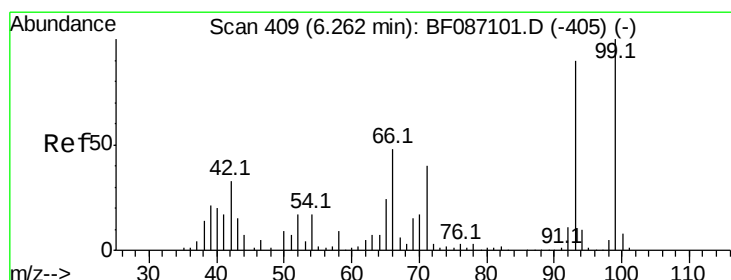
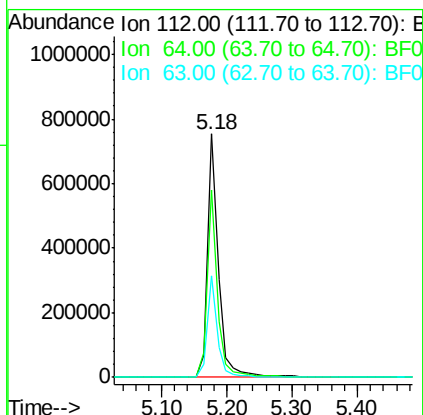
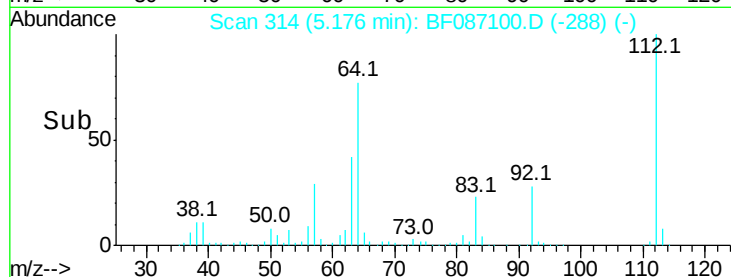
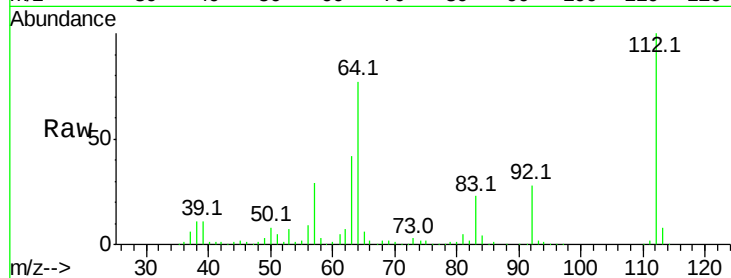
#5
2-Fluorophenol
Concen: 99.28 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	76.8	52.1	78.1
63	42.0	25.7	38.5

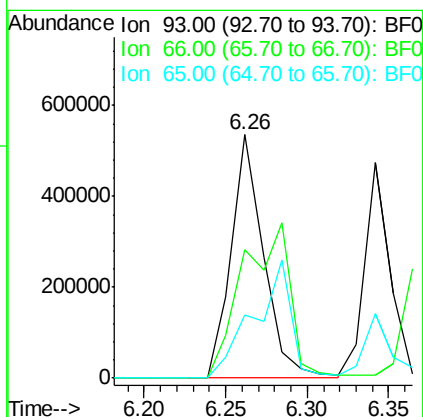
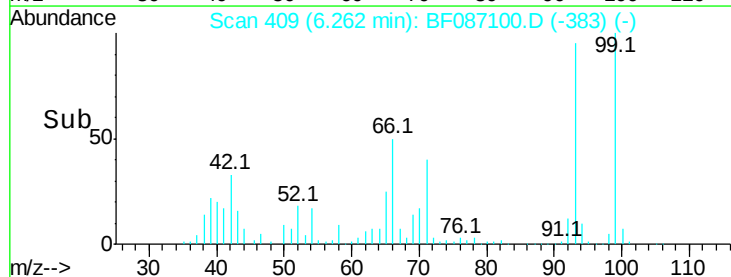
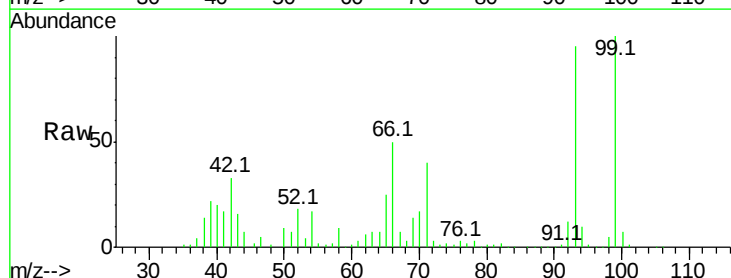
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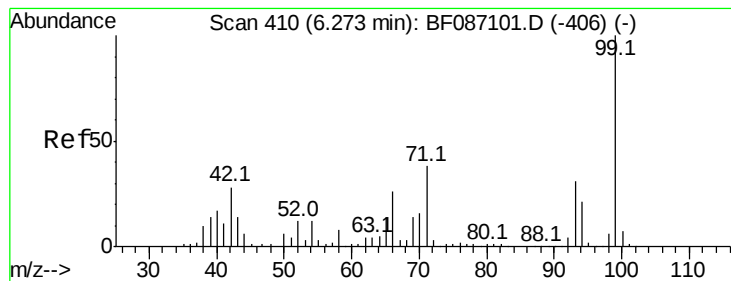
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#6
Aniline
Concen: 51.28 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	52.7	39.0	58.6
65	25.8	20.6	31.0





#7

Phenol-d6

Concen: 98.73 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1175056

Ion Ratio Lower Upper

99 100

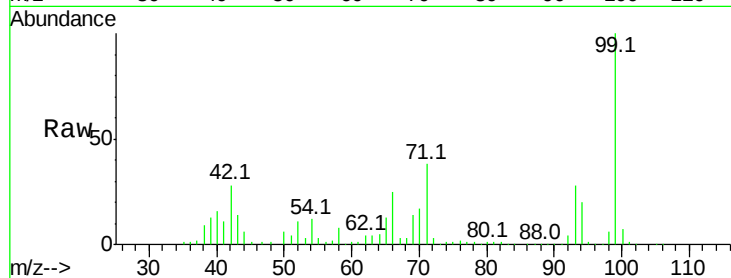
42 28.0 13.6 20.4#

71 37.7 24.6 36.8#

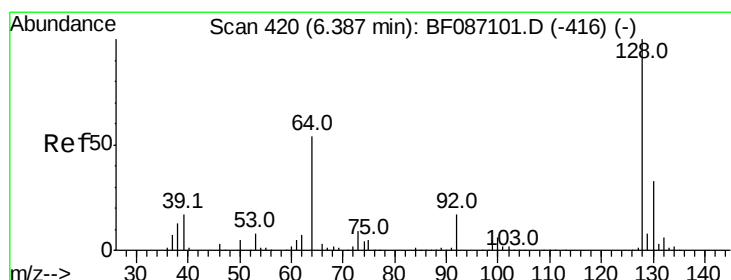
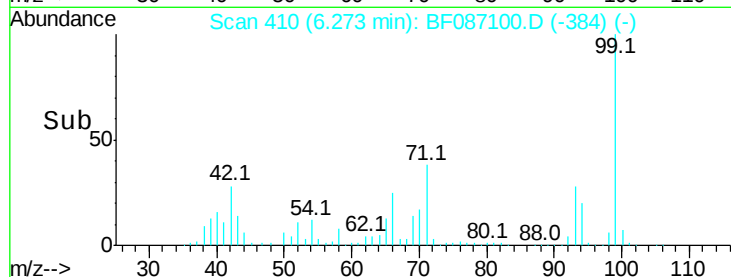
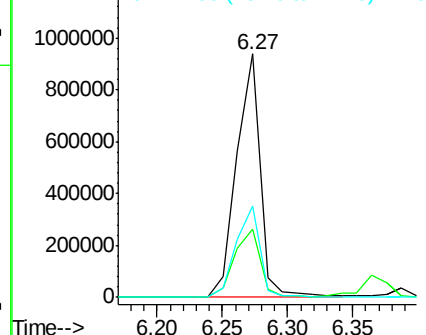
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.98 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

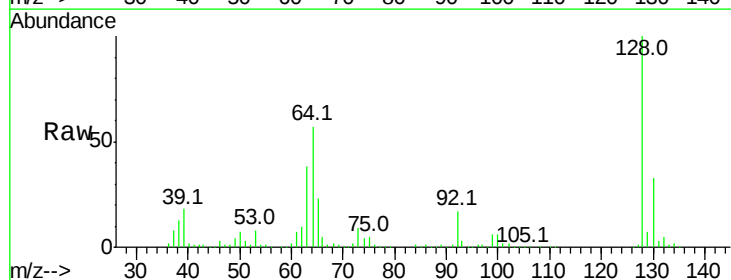
Tgt Ion: 128 Resp: 537029

Ion Ratio Lower Upper

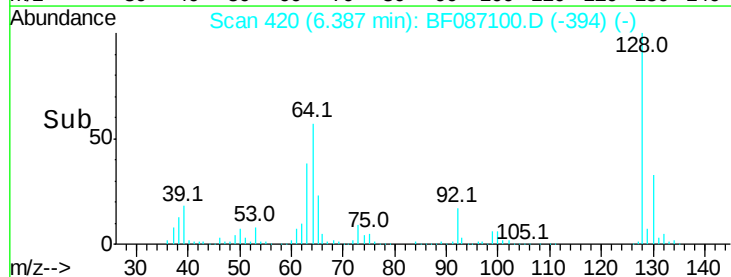
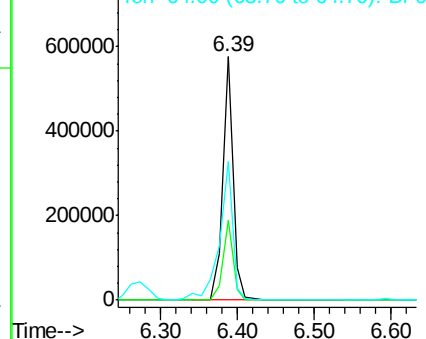
128 100

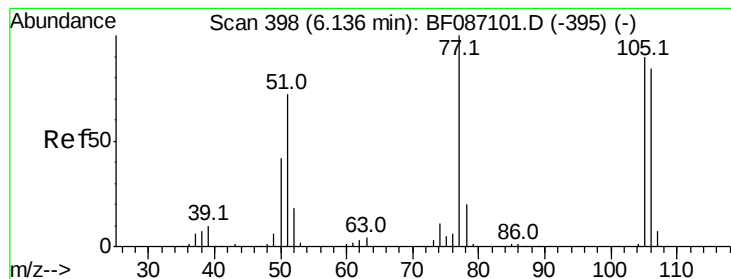
130 32.5 12.5 52.5

64 57.1 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.67 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 300988

Ion Ratio Lower Upper

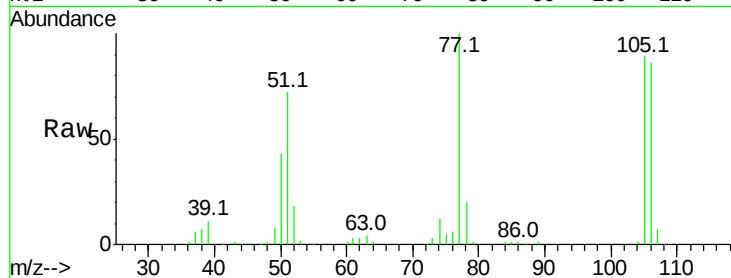
77 100

105 88.7 72.7 112.7

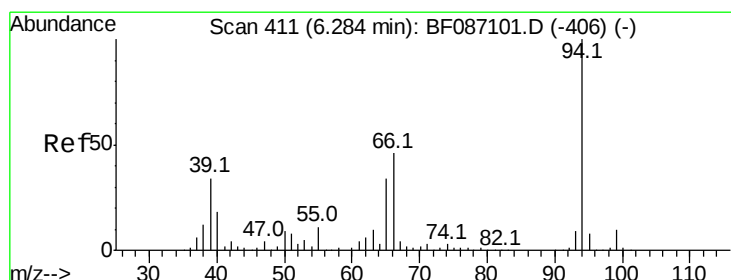
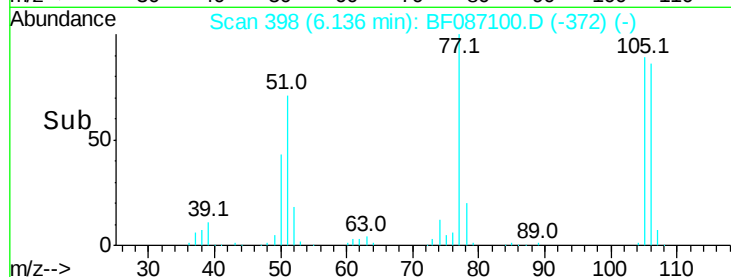
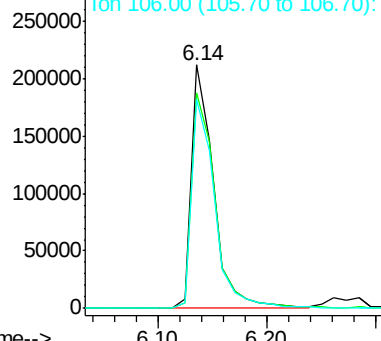
106 85.6 70.8 110.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 54.60 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

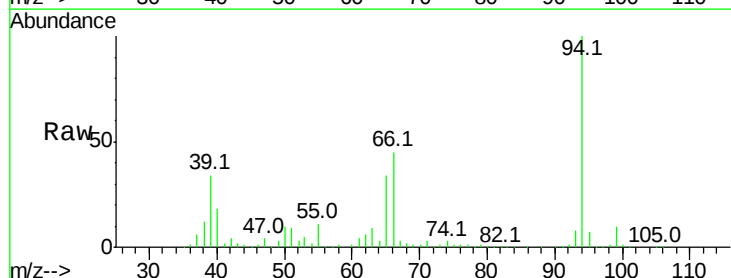
Tgt Ion: 94 Resp: 772373

Ion Ratio Lower Upper

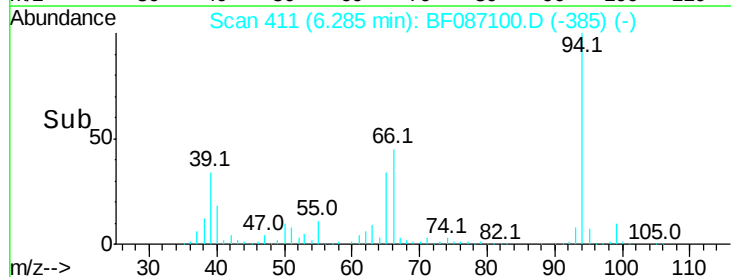
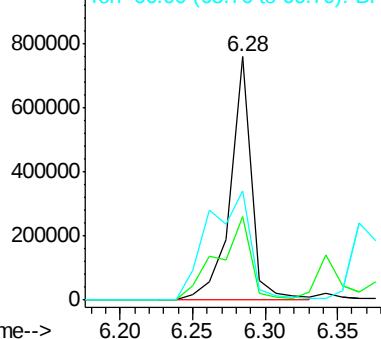
94 100

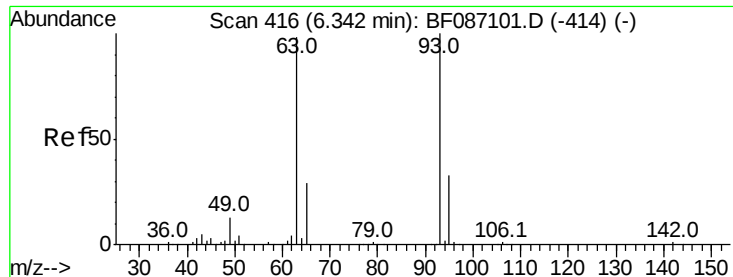
65 34.3 7.2 47.2

66 45.0 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.96 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

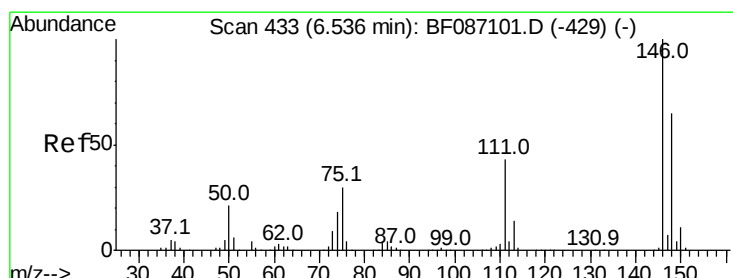
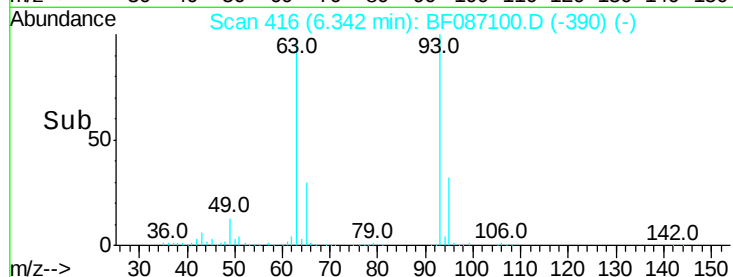
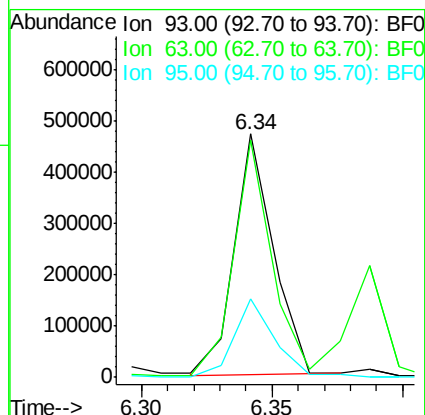
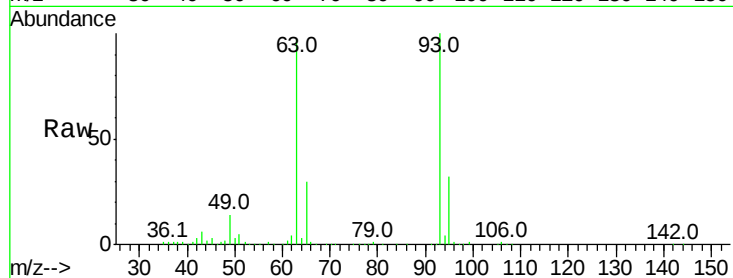
ClientSampleId :

SSTDIC050

Tot Ion	93	Resp	495943
Ion Ratio	Lower	Upper	
93	100		
63	97.5	58.0	98.0
95	32.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 50.33 ng

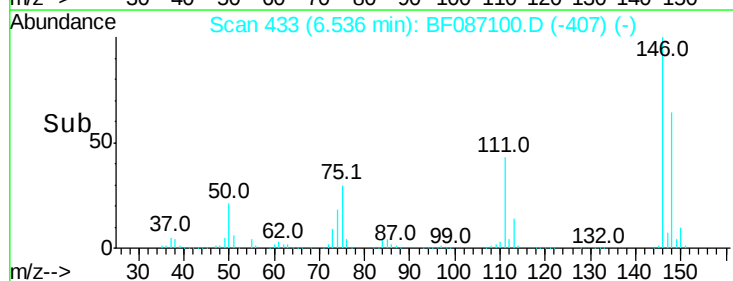
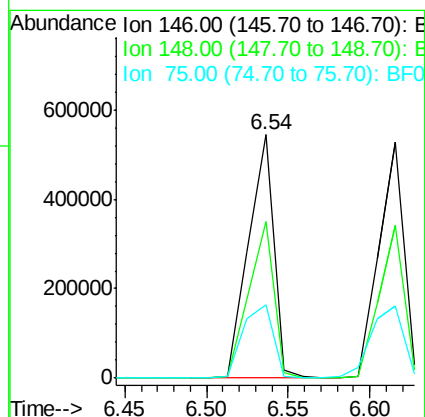
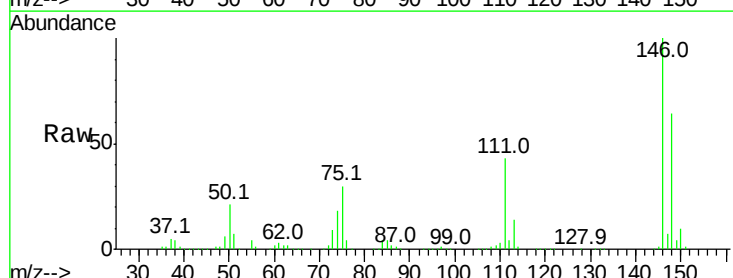
RT: 6.54 min Scan# 433

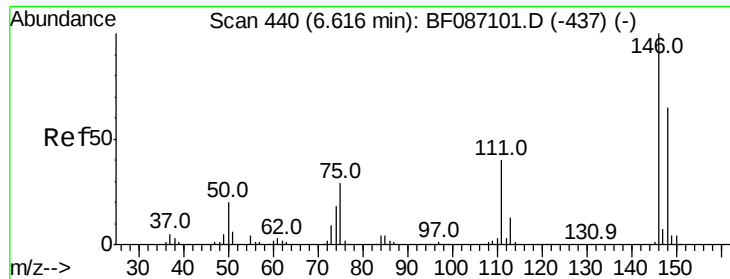
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	146	Resp	585292
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.4	78.6
75	30.1	22.8	34.2





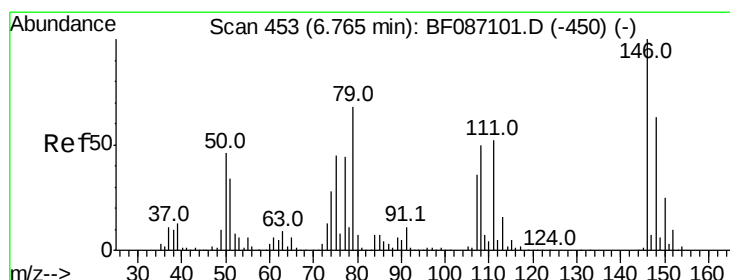
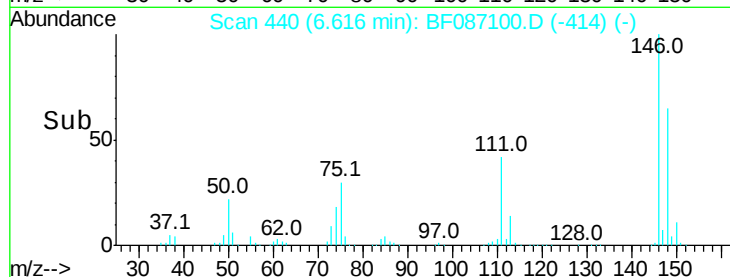
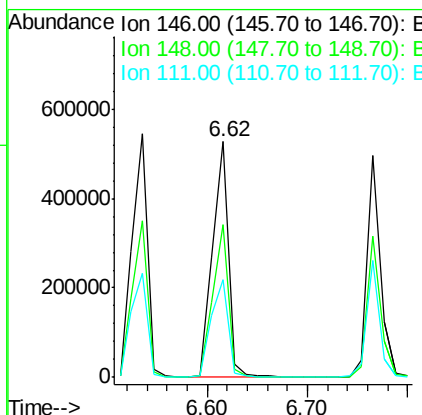
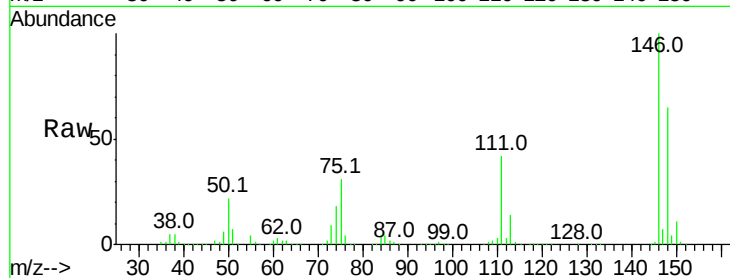
#13
 1,4-Dichlorobenzene
 Concen: 48.73 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
111	41.6	30.7	46.1

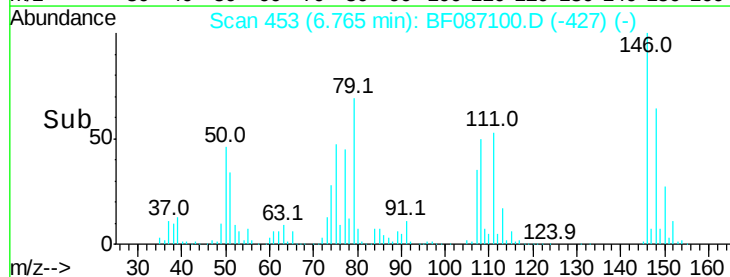
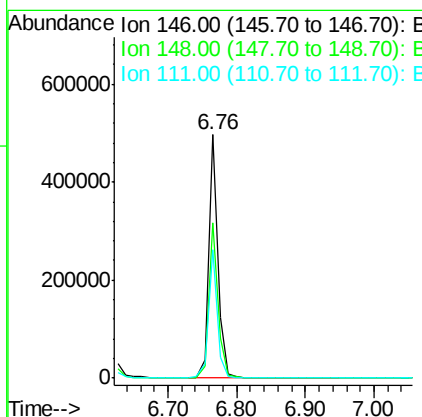
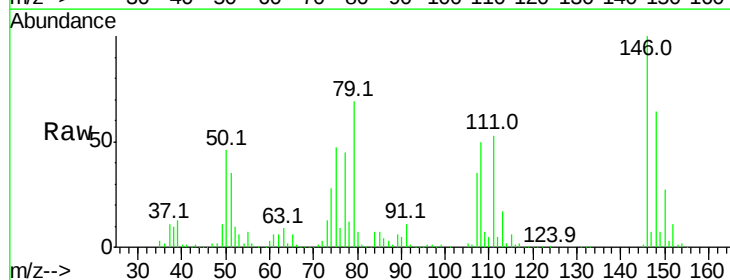
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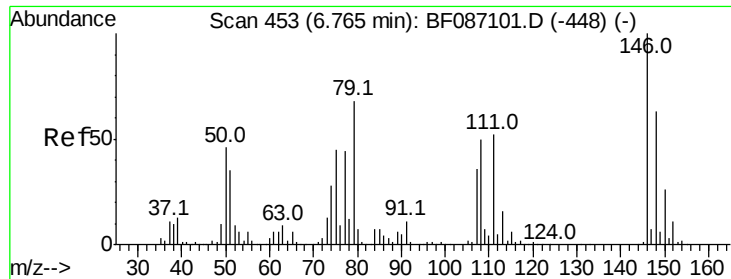
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#14
 1,2-Dichlorobenzene
 Concen: 45.20 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	52.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 55.81 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampled :

SSTDIC050

Tot Ion: 79 Resp: 458663

Ion Ratio Lower Upper

79 100

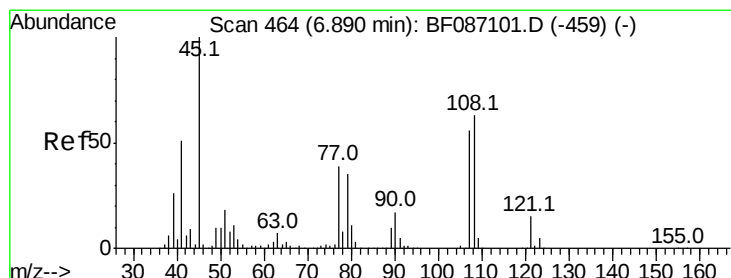
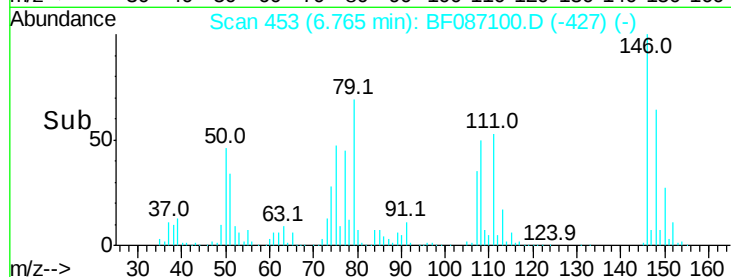
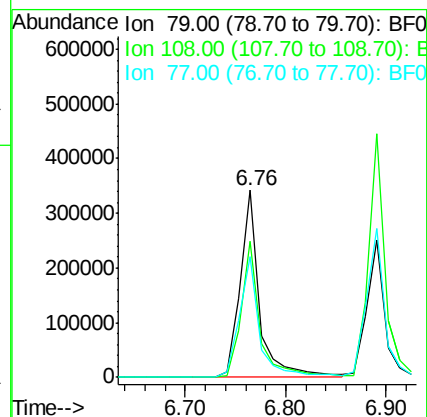
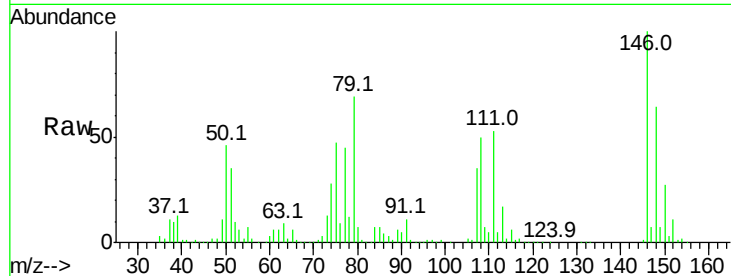
108 72.7 68.4 102.6

77 64.9 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.82 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

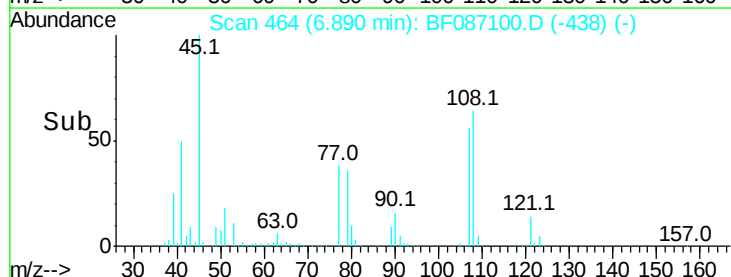
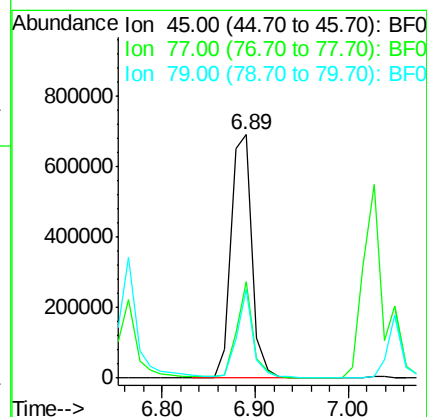
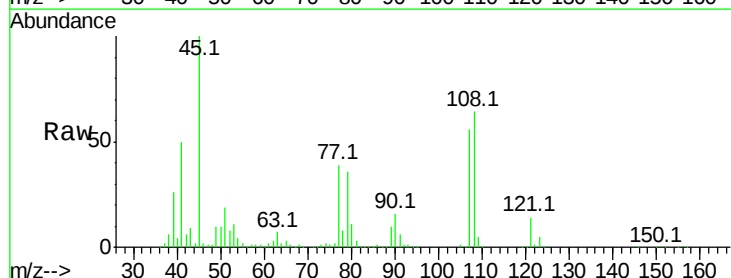
Tgt Ion: 45 Resp: 1074940

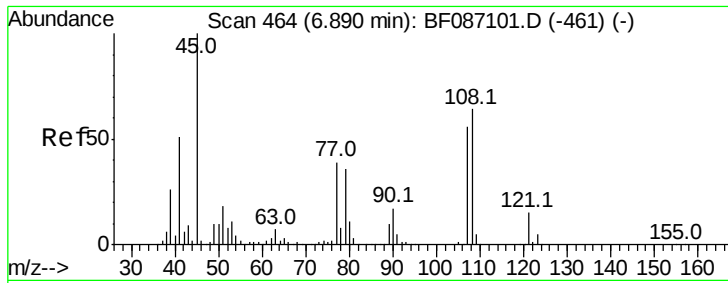
Ion Ratio Lower Upper

45 100

77 39.4 0.0 36.4#

79 36.5 0.0 33.4#





#17

2-Methylphenol

Concen: 51.73 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF087100.D

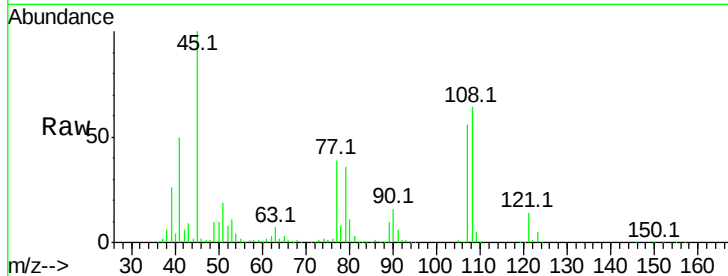
Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tot Ion:107 Resp: 442320

Ion Ratio Lower Upper

107 100

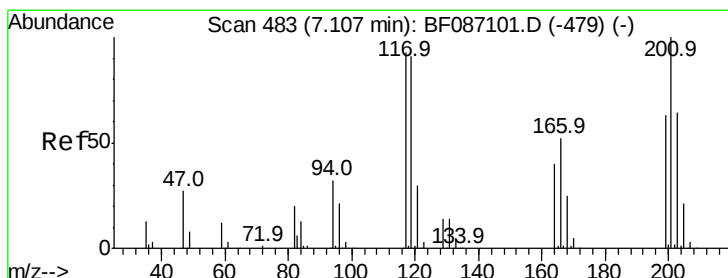
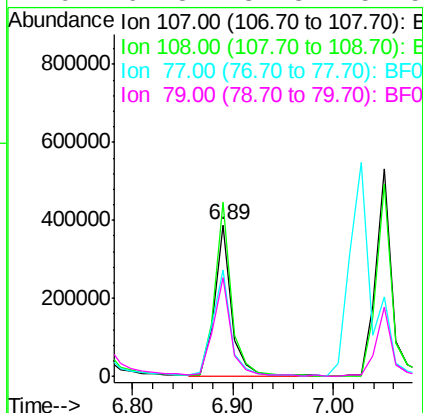
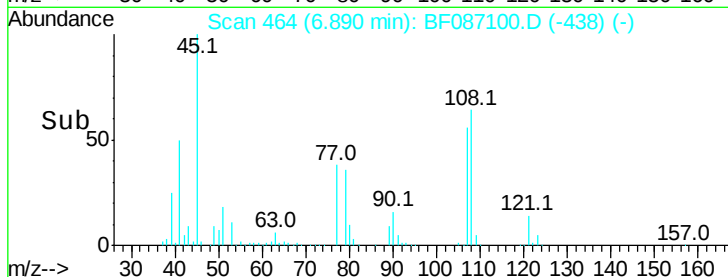
108 114.5 93.7 140.5

77 69.9 33.4 50.0#

79 64.8 34.3 51.5#

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#18

Hexachloroethane

Concen: 49.65 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

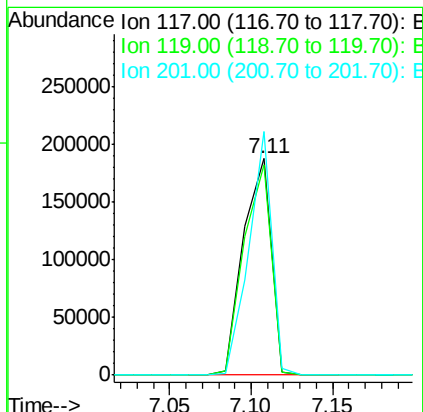
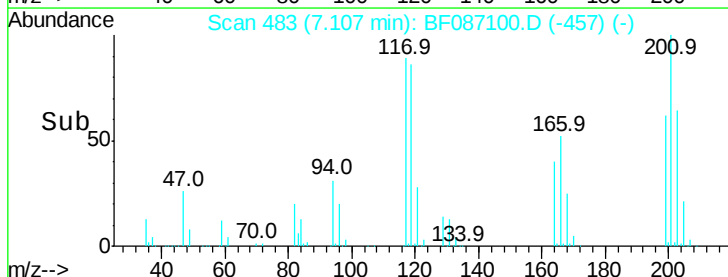
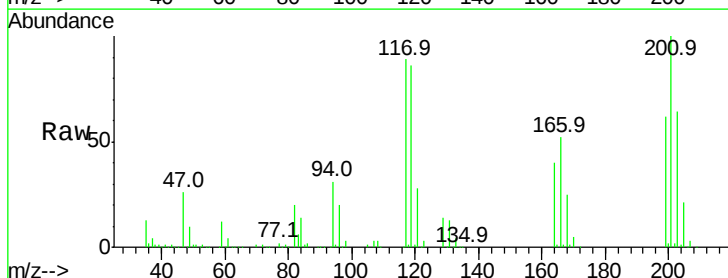
Tgt Ion:117 Resp: 221534

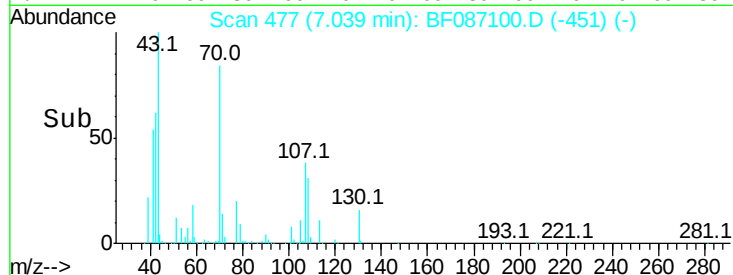
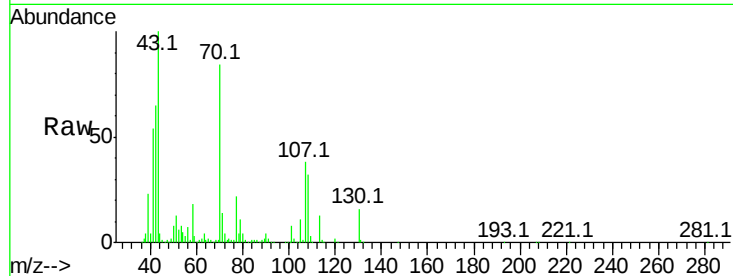
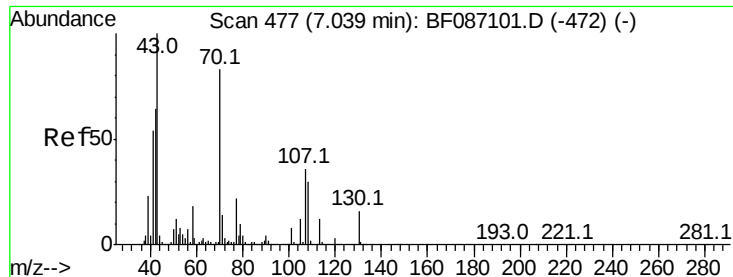
Ion Ratio Lower Upper

117 100

119 97.2 76.5 114.7

201 112.4 63.0 94.6#





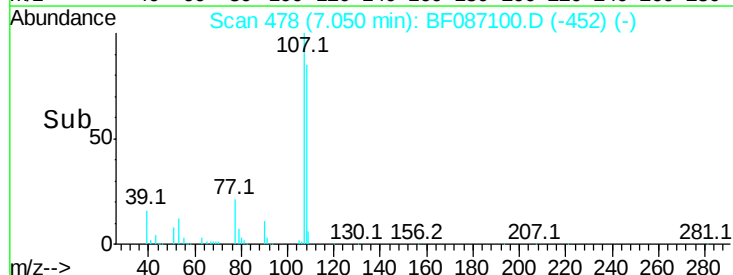
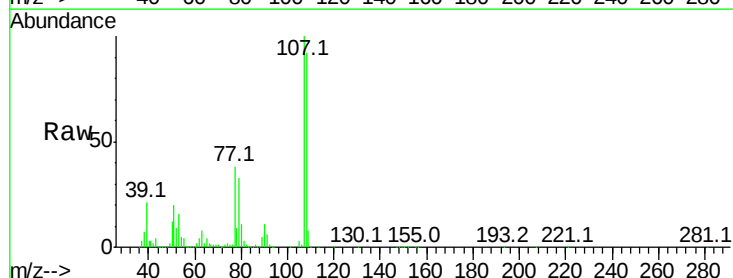
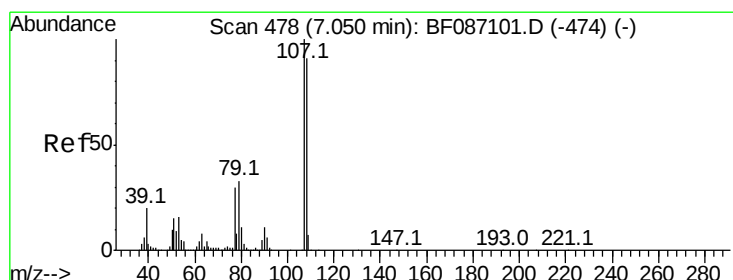
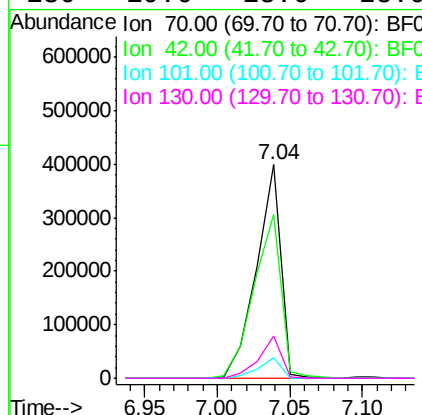
#19
n-Nitroso-di-n-propylamine
Concen: 56.34 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.9	43.1	64.7#		
101	9.6	8.1	12.1		
130	19.6	18.6	28.0		

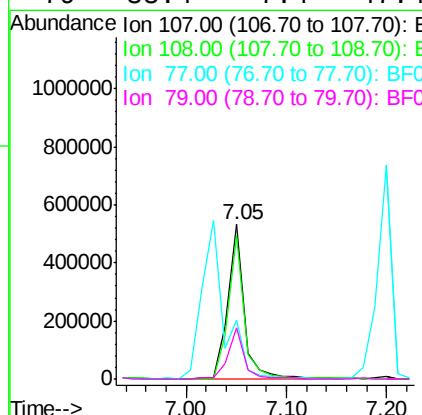
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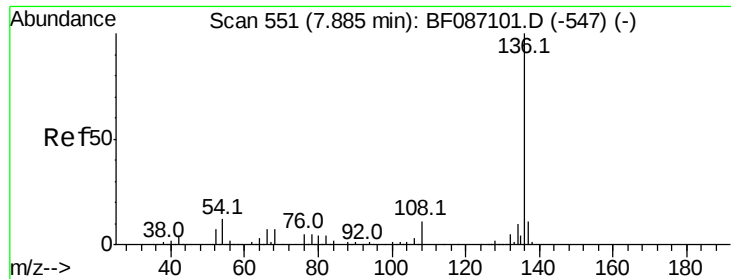
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#20
3+4-Methylphenols
Concen: 53.28 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.4	68.5	108.5		
77	38.1	101.6	141.6#		
79	33.4	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

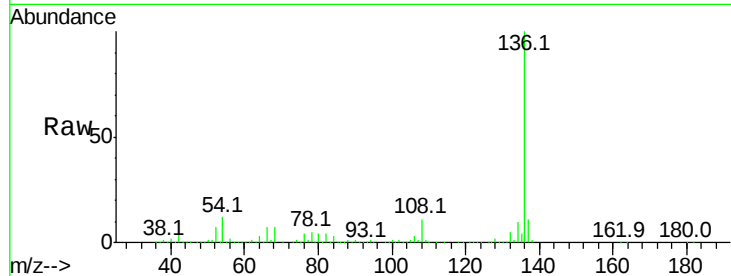
ClientSampled :

SSTDIC050

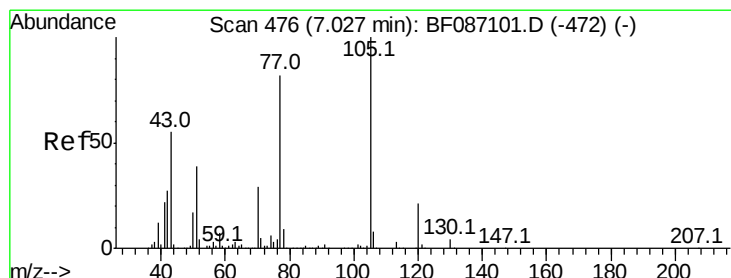
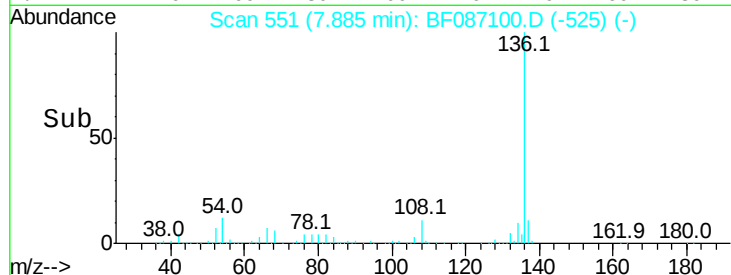
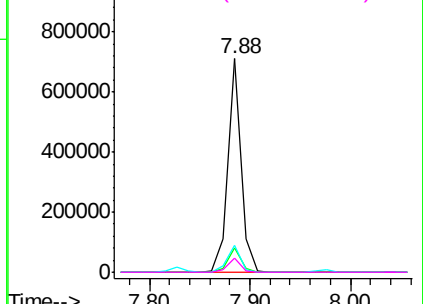
Tot Ion	Ratio	Resp	Lower	Upper
136	100	646501		
137	11.2	8.8	13.2	
54	12.5	5.0	7.4#	
68	6.6	4.4	6.6#	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 51.51 ng

RT: 7.03 min Scan# 476

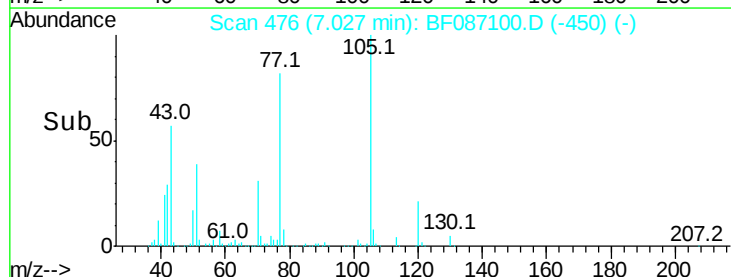
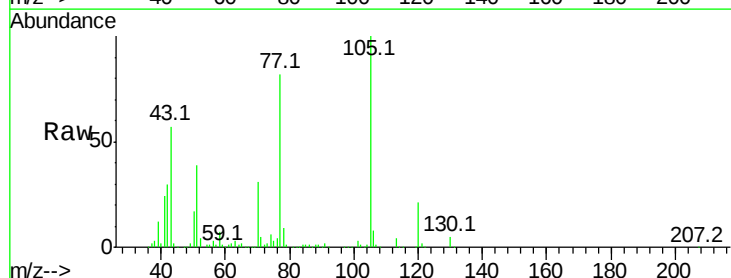
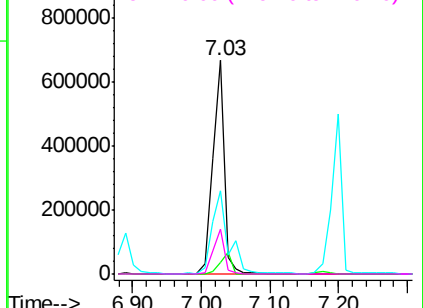
Delta R.T. 0.00 min

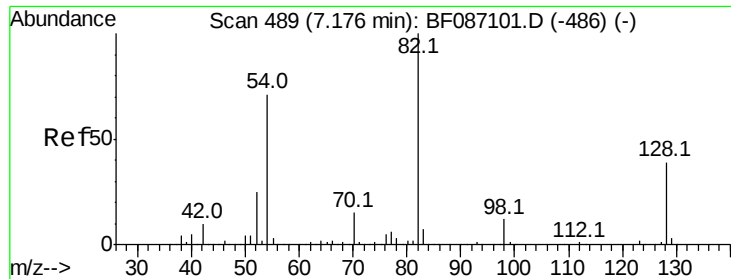
Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	786646		
71	5.2	4.8	7.2	
51	39.0	32.6	49.0	
120	20.8	16.5	24.7	

Abundance Ion 105.00 (104.70 to 105.70): E





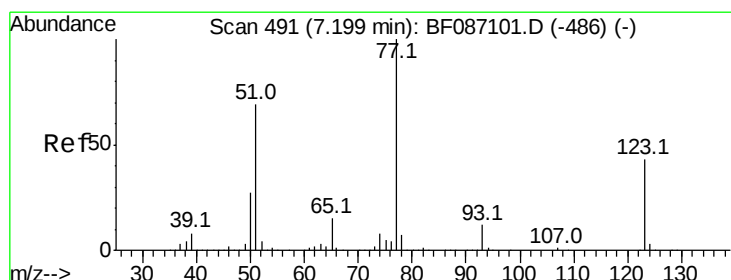
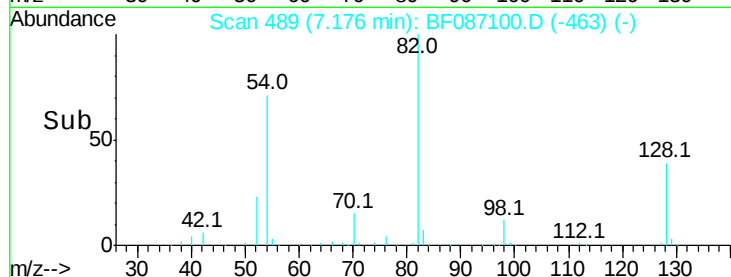
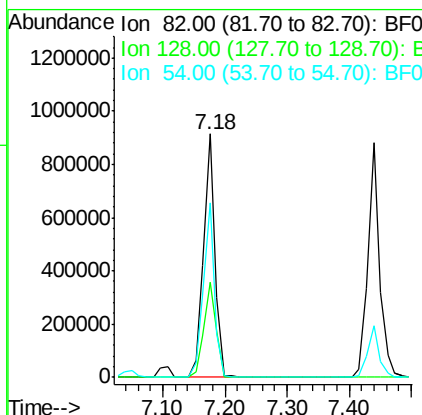
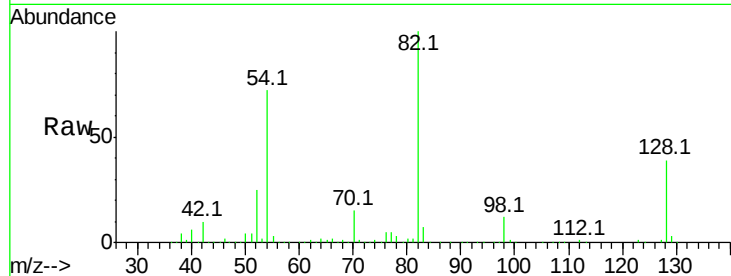
#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1188160
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.6 38.1 57.1#

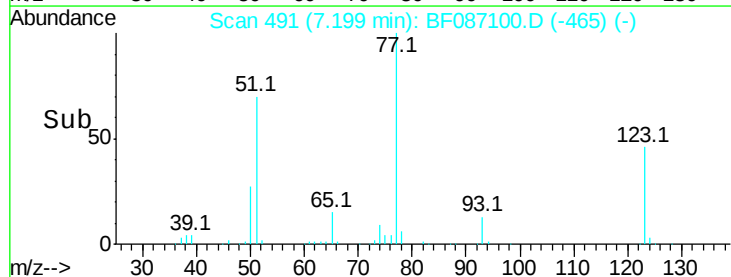
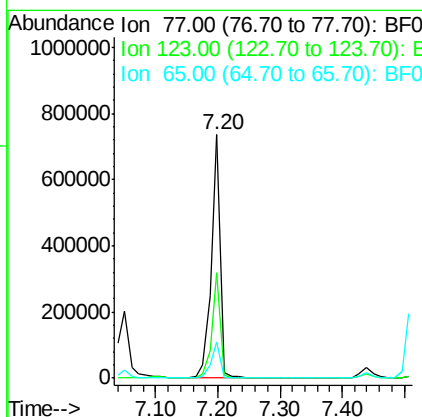
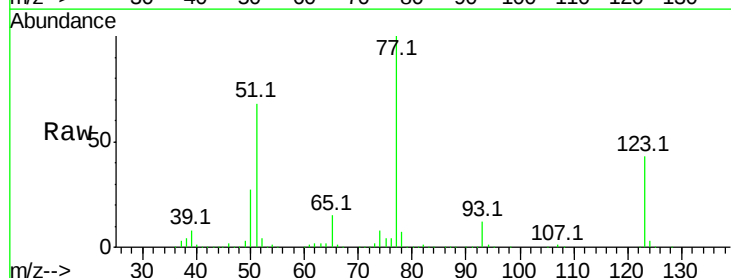
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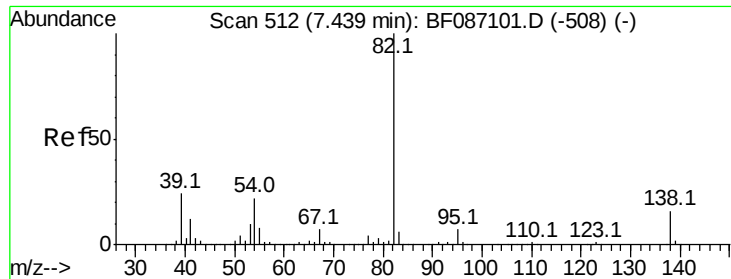
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#24
 Nitrobenzene
 Concen: 55.11 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion: 77 Resp: 729870
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.0 49.4
 65 14.7 10.8 16.2





#25

Isophorone

Concen: 47.82 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1142421

Ion Ratio Lower Upper

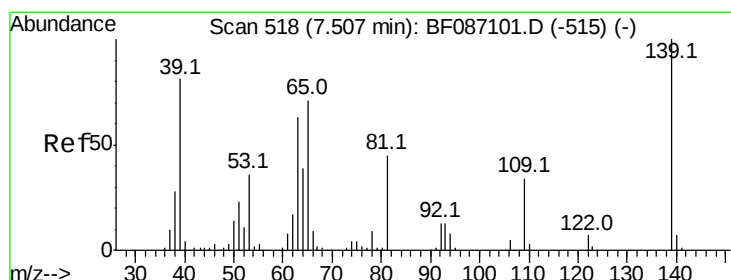
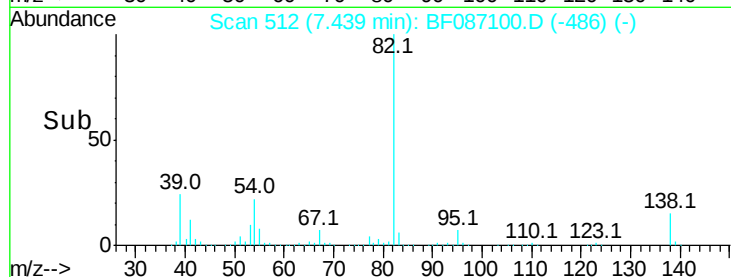
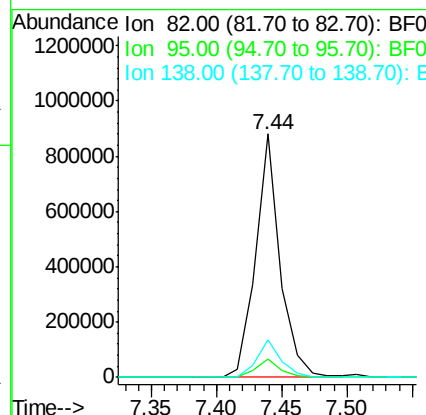
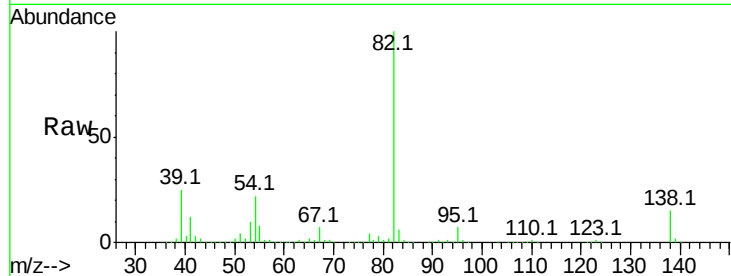
82 100

95 7.3 5.1 7.7

138 15.4 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.33 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

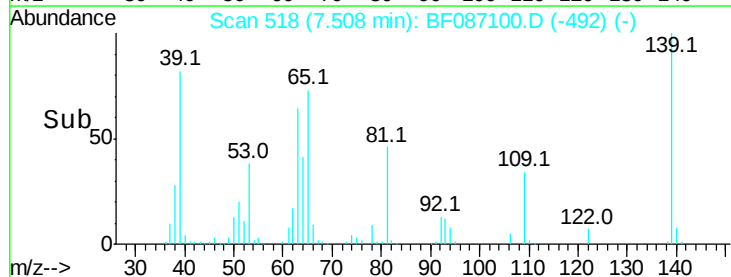
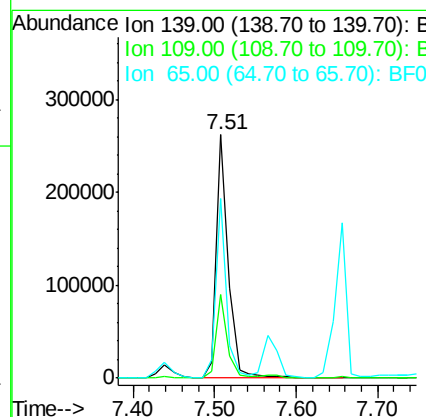
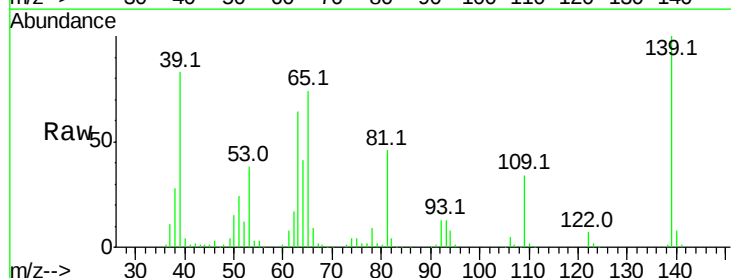
Tgt Ion: 139 Resp: 275574

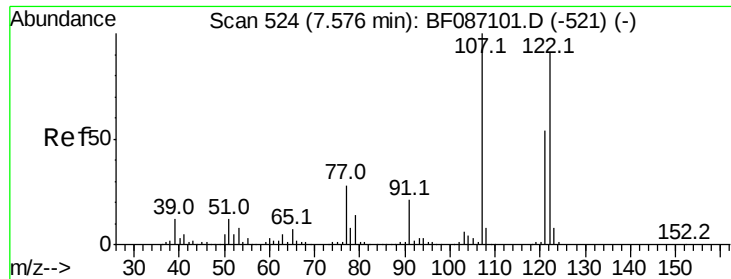
Ion Ratio Lower Upper

139 100

109 34.5 19.5 29.3#

65 73.9 37.5 56.3#





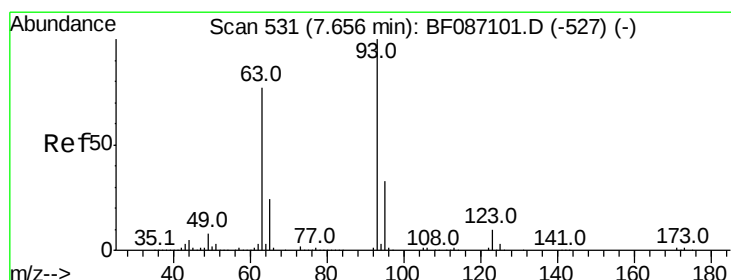
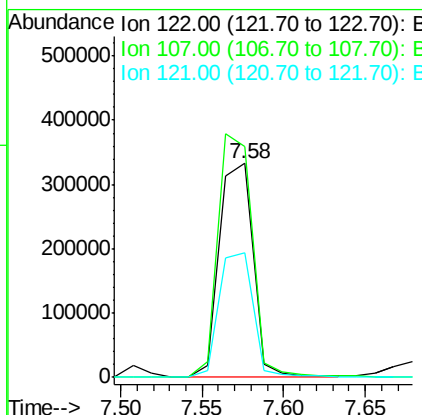
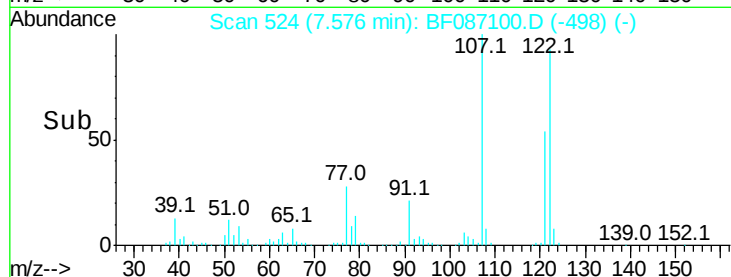
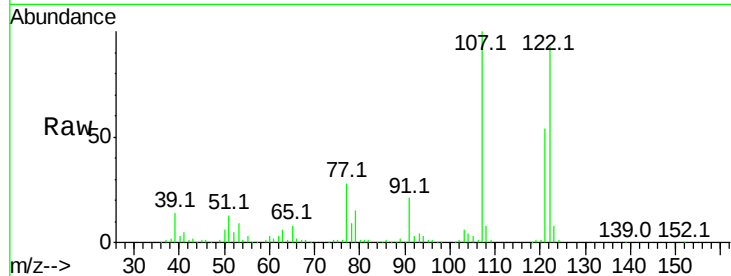
#27
2,4-Dimethylphenol
Concen: 48.23 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	478305		
107	108.1	82.0	123.0	
121	58.0	46.1	69.1	

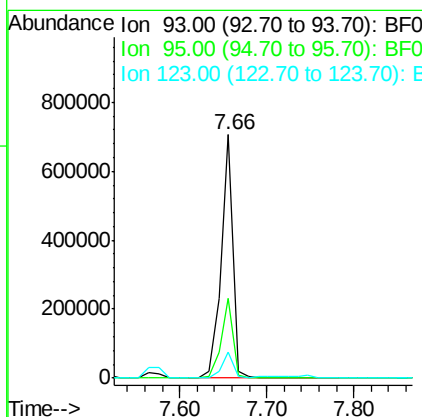
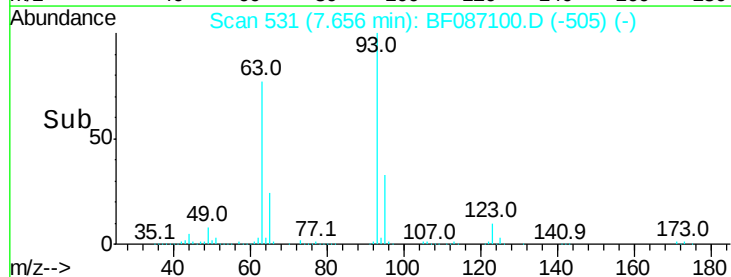
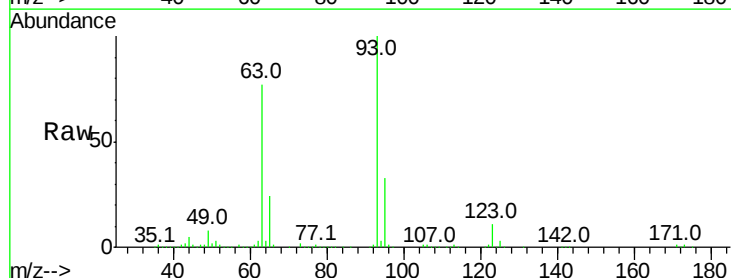
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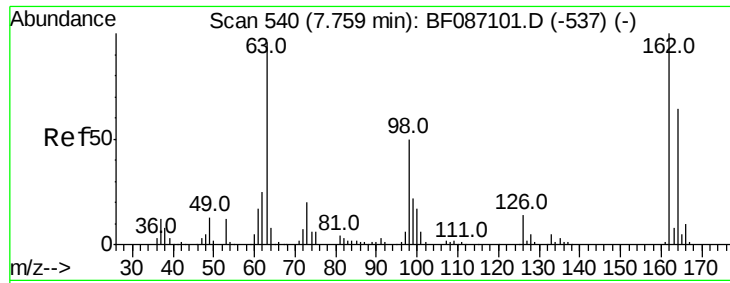
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#28
bis(2-Chloroethoxy)methane
Concen: 52.96 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	682388		
95	33.0	26.0	39.0	
123	10.5	9.5	14.3	





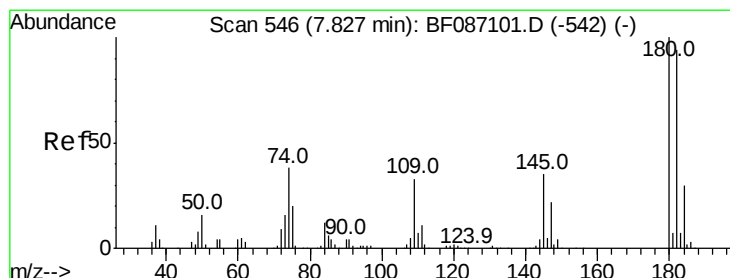
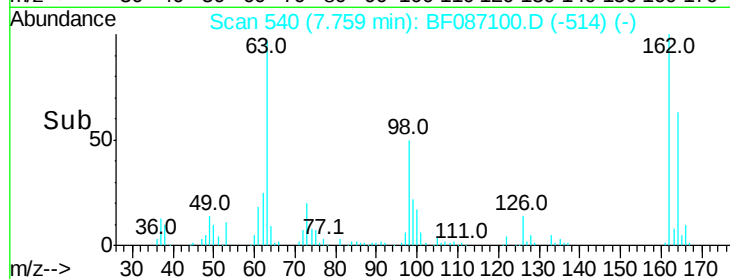
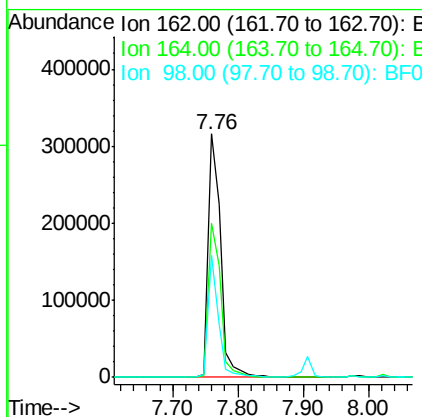
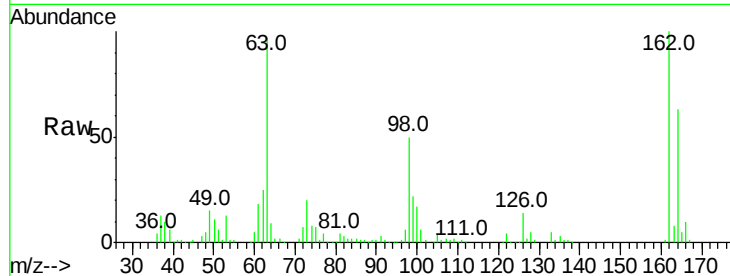
#29
 2,4-Dichlorophenol
 Concen: 47.97 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	42.2	82.2
98	49.9	19.0	59.0

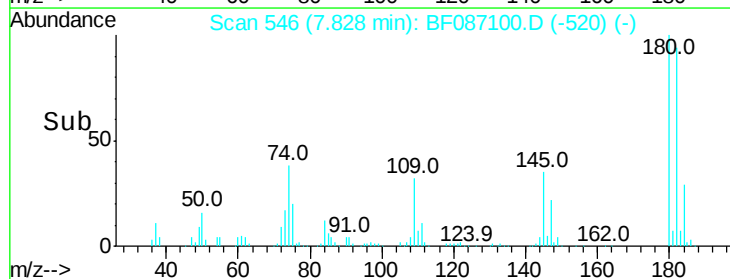
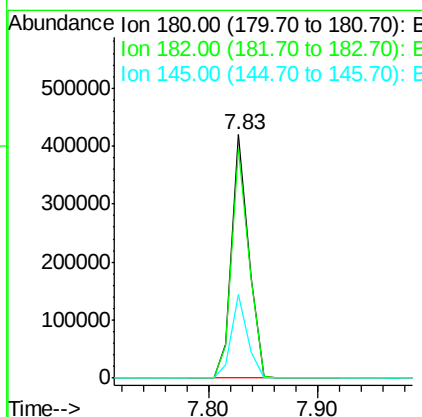
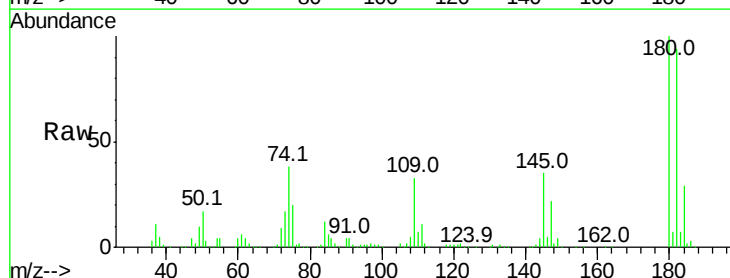
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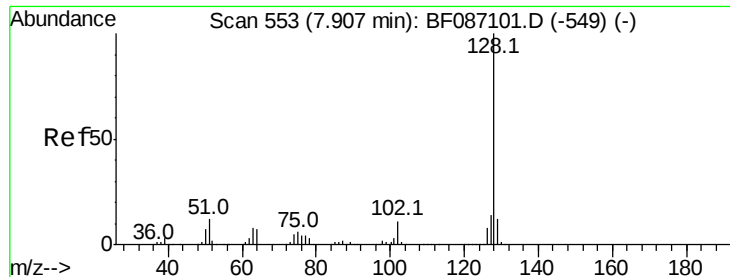
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.27 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	78.0	117.0
145	34.5	24.2	36.2





#31

Naphthalene

Concen: 45.46 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1472197

Ion Ratio Lower Upper

128 100

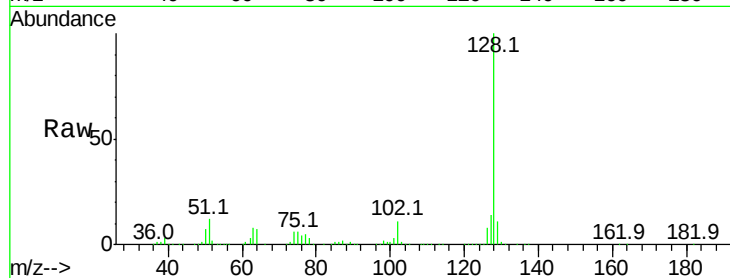
129 11.5 8.6 13.0

127 14.0 10.8 16.2

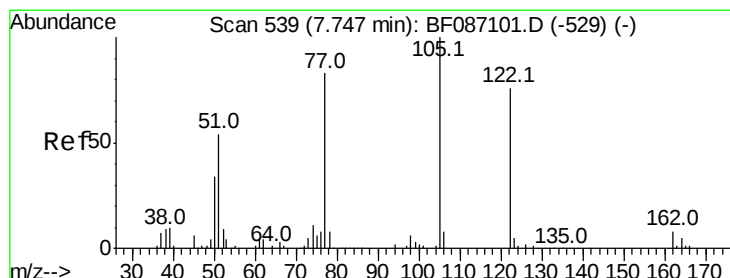
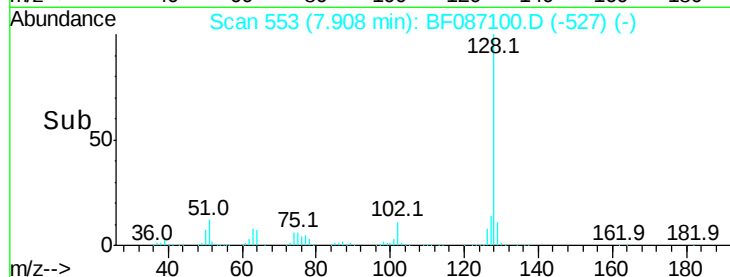
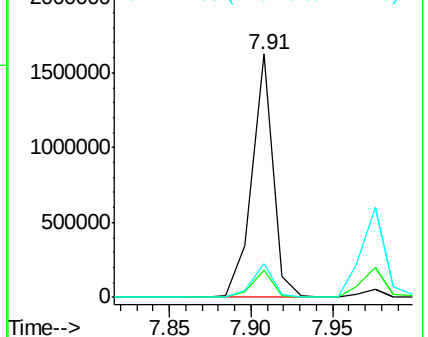
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.30 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

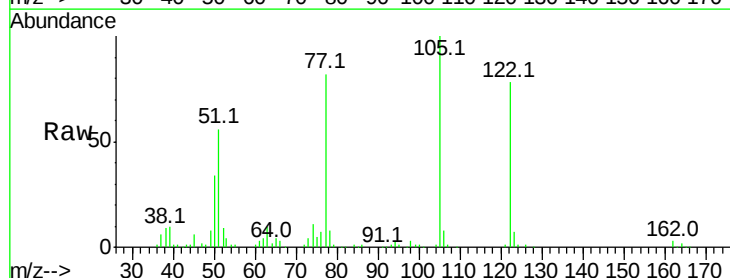
Tgt Ion:122 Resp: 292991

Ion Ratio Lower Upper

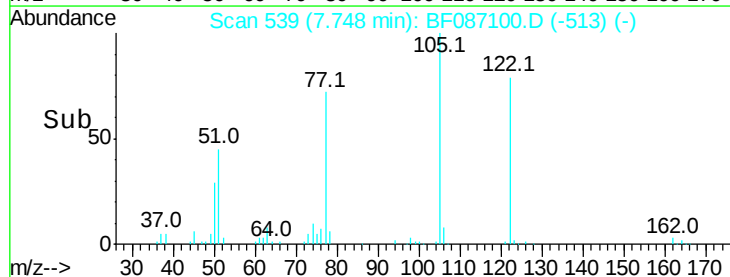
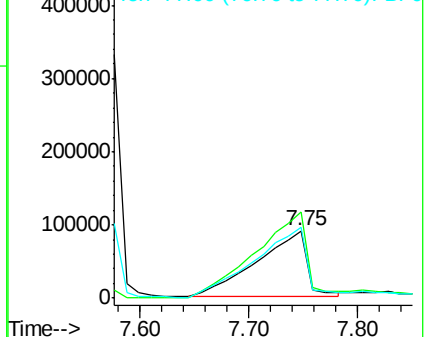
122 100

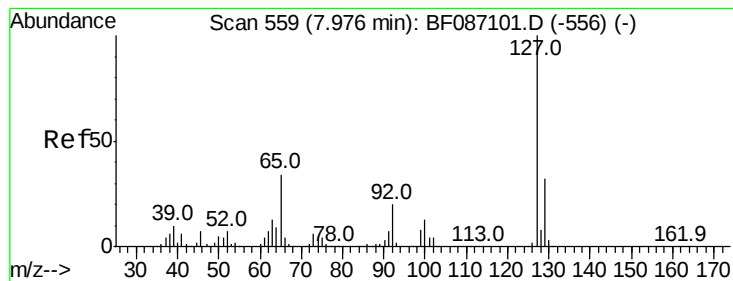
105 127.9 92.6 132.6

77 104.9 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 52.02 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

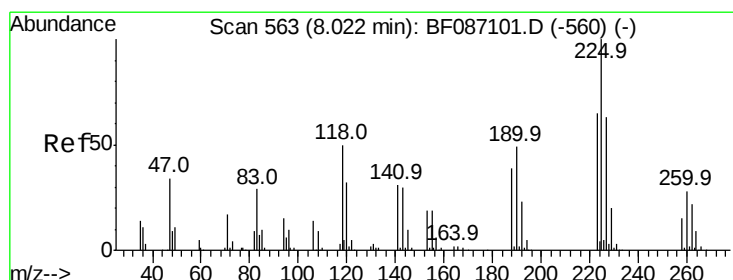
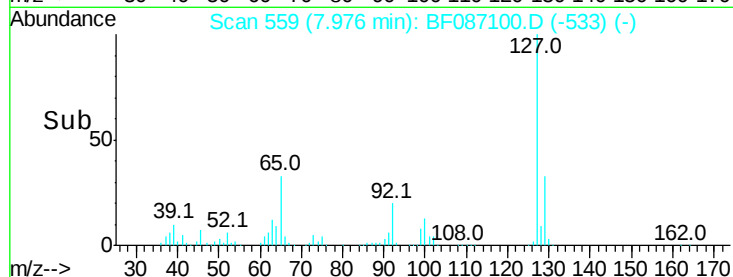
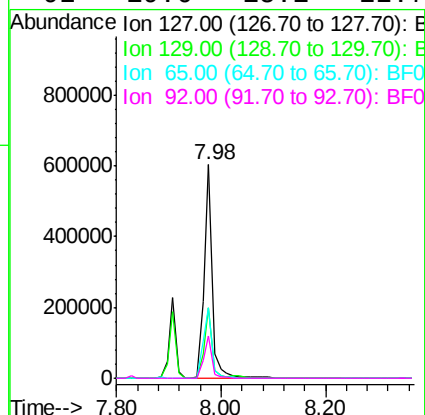
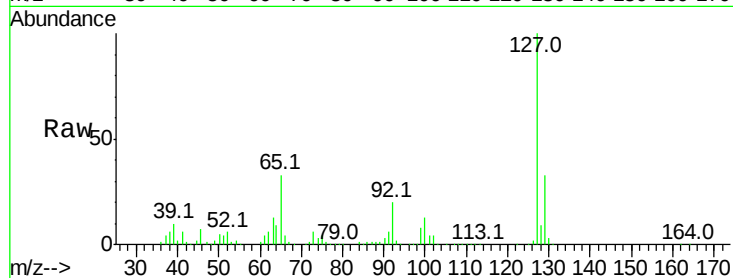
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.2	39.4	
65	33.2	23.0	34.4	
92	19.6	15.1	22.7	

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#34

Hexachlorobutadiene

Concen: 44.67 ng

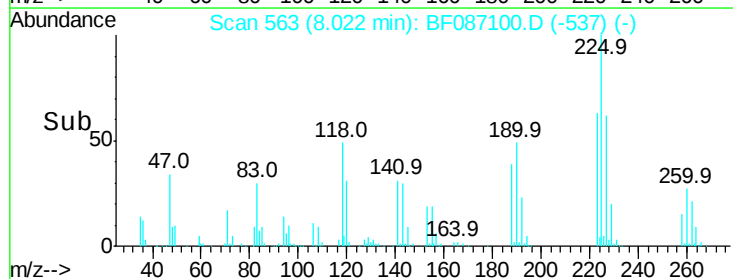
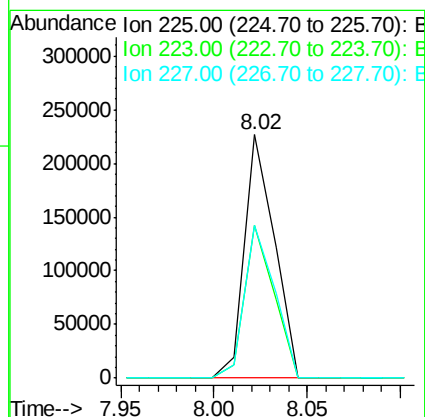
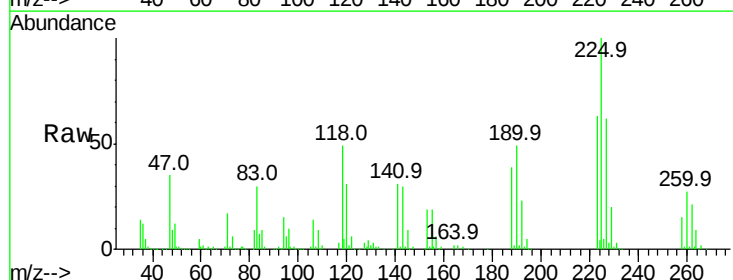
RT: 8.02 min Scan# 563

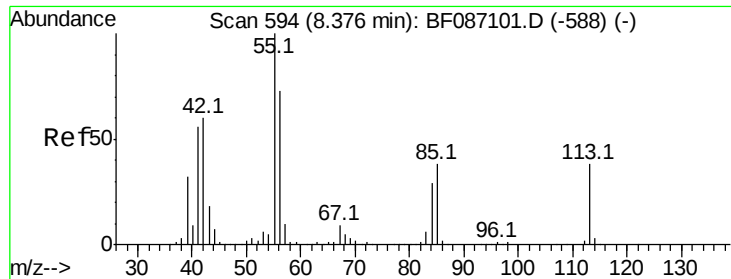
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.5	77.3	
227	62.5	52.2	78.2	





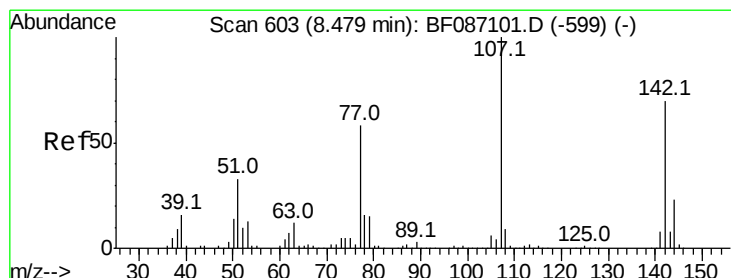
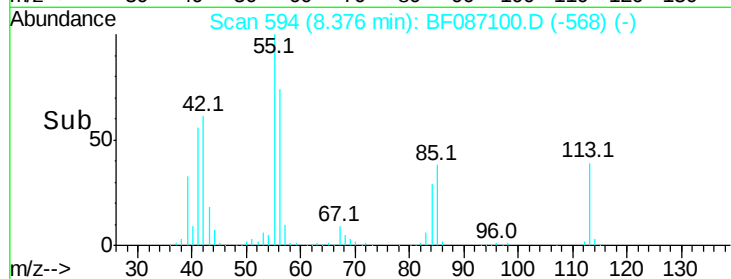
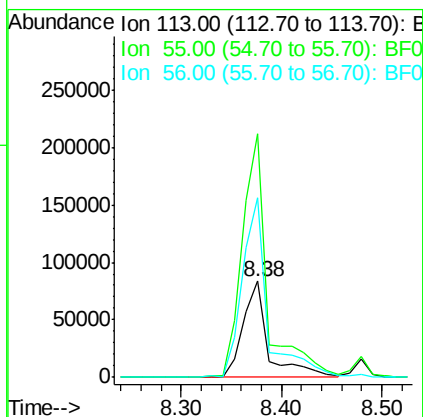
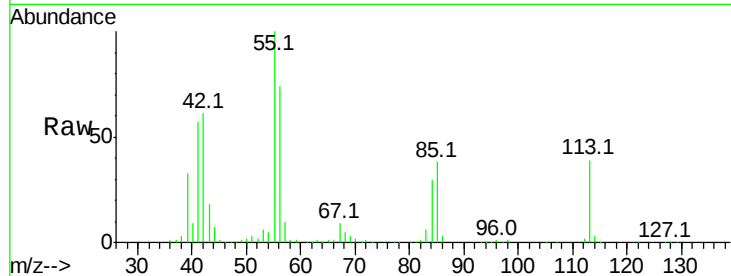
#35
 Caprolactam
 Concen: 48.75 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	254.0	162.0	202.0	
56	187.4	115.3	155.3	

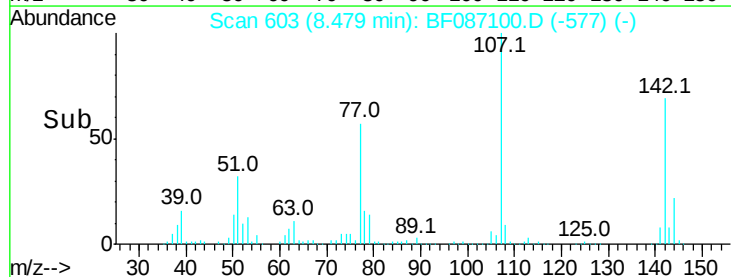
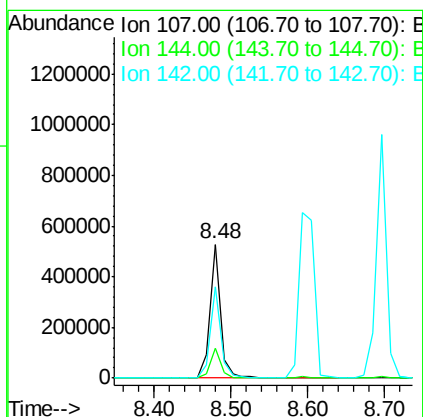
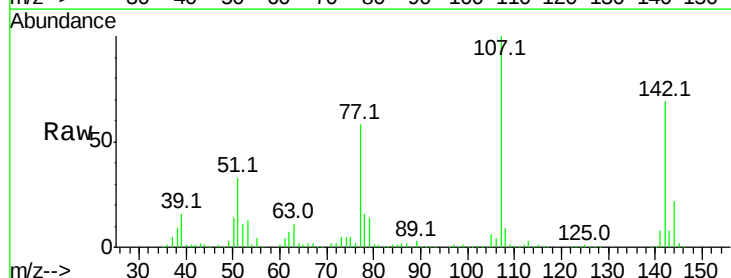
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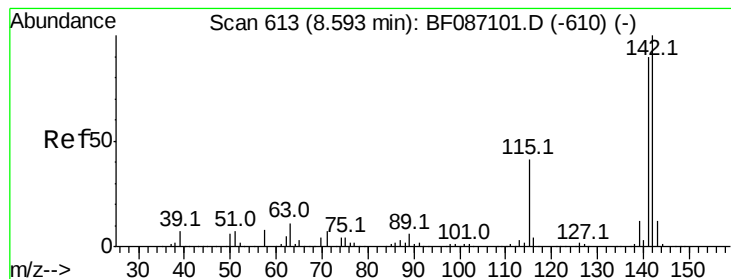
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#36
 4-Chloro-3-methylphenol
 Concen: 47.57 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.3	20.7	31.1	
142	68.6	63.2	94.8	





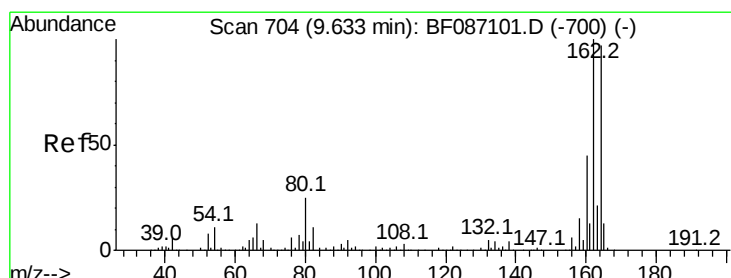
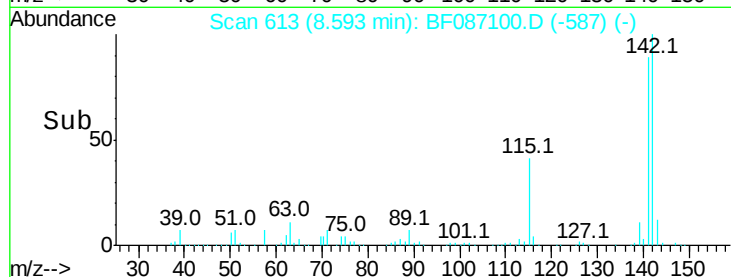
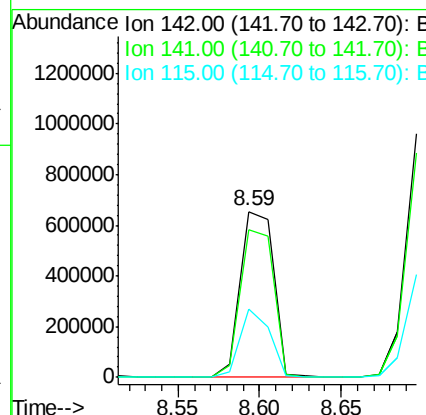
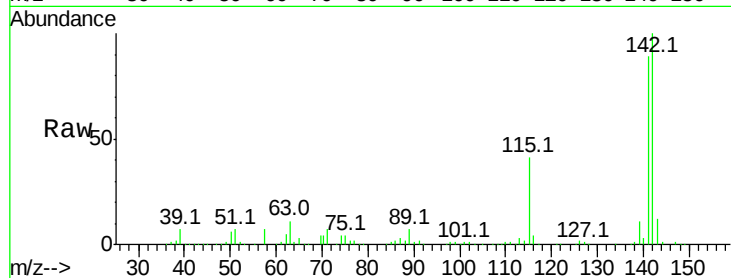
#37
2-Methylnaphthalene
Concen: 48.78 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100	923481		
141	89.1		71.0	106.6
115	40.9		26.6	39.8#

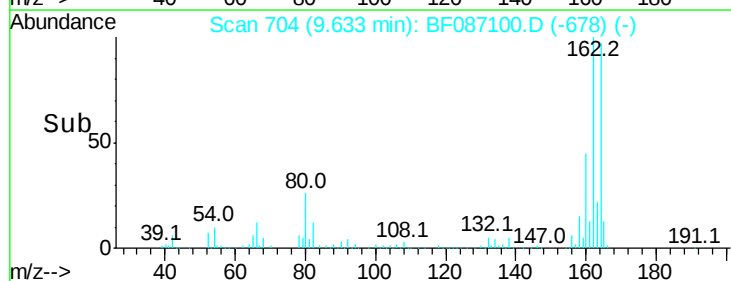
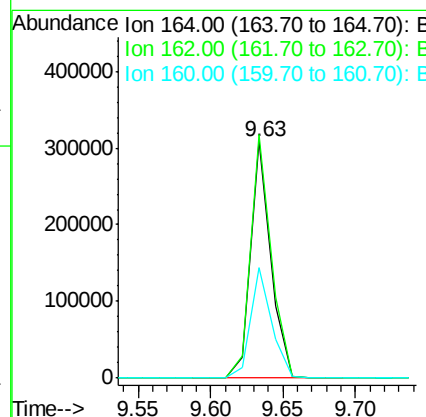
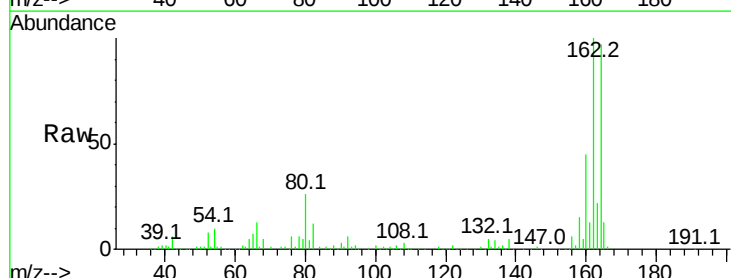
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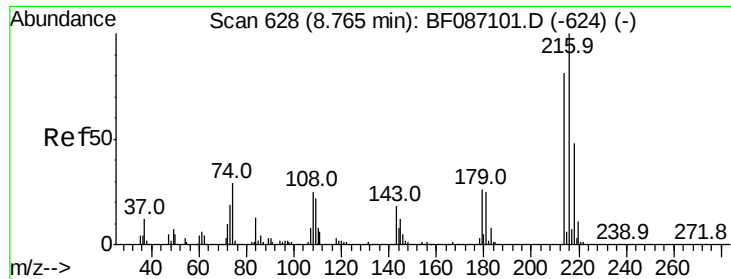
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296864		
162	102.7		82.8	124.2
160	46.4		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.66 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

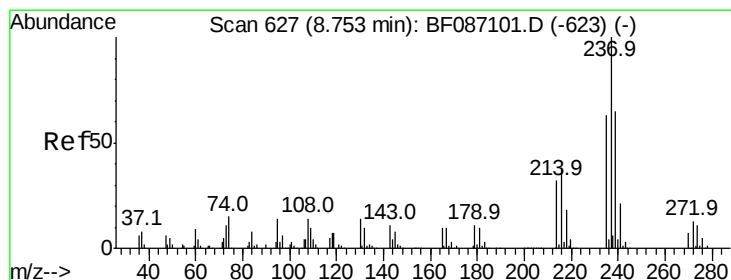
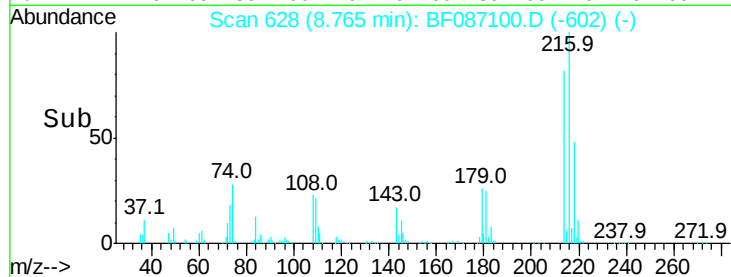
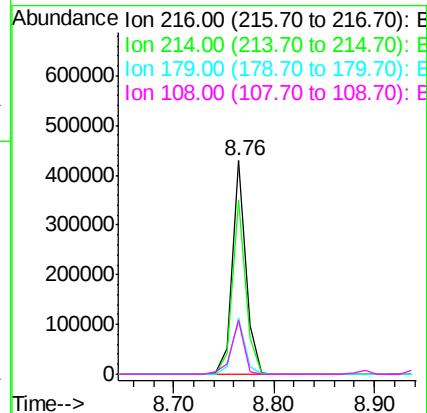
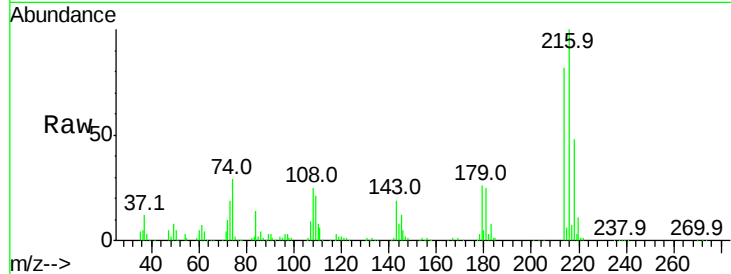
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	402706		
214	80.1	62.6	93.8	
179	24.4	18.2	27.4	
108	24.3	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 37.43 ng

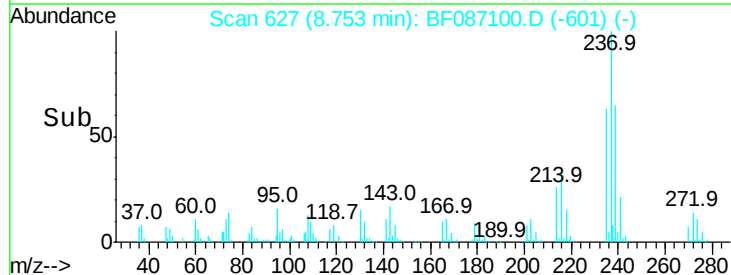
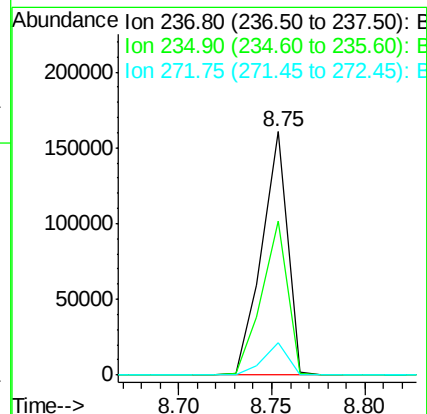
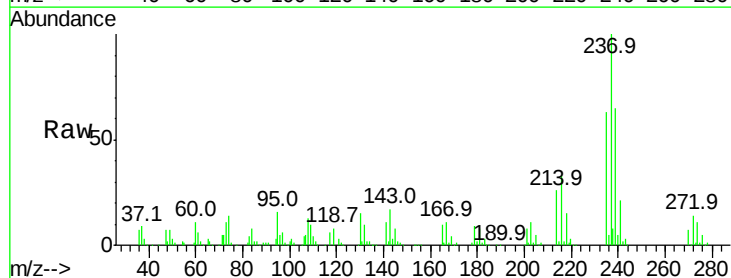
RT: 8.75 min Scan# 627

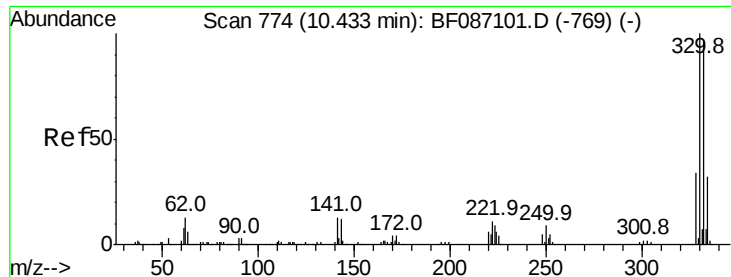
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	153343		
235	63.0	47.2	87.2	
272	13.5	0.0	31.1	





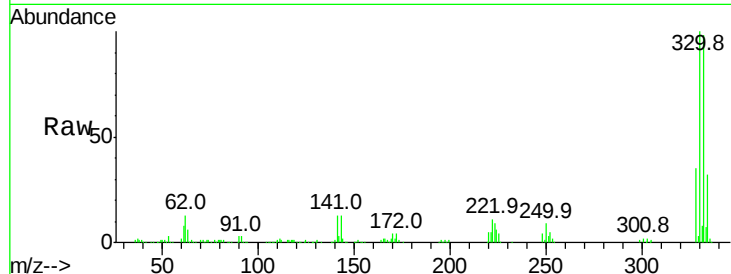
#41
 2,4,6-Tribromophenol
 Concen: 108.92 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

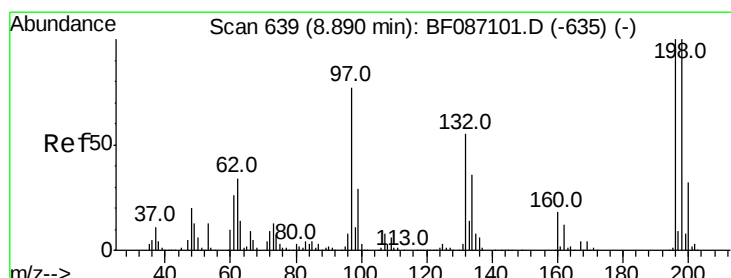
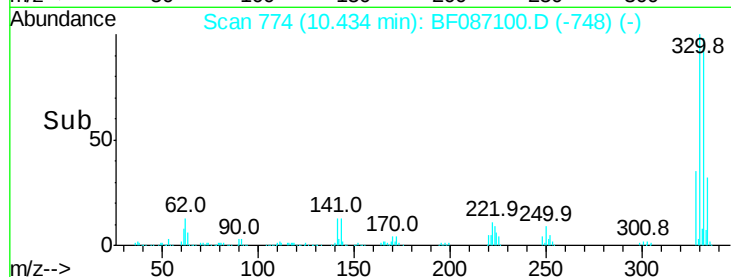
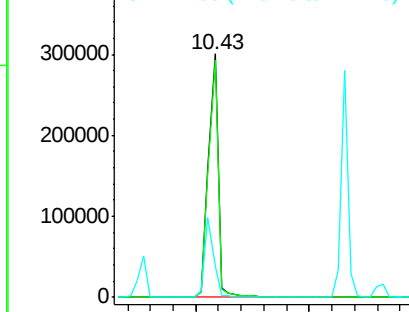
Tot Ion	Ratio	Resp	Lower	Upper
330	100	342329		
332	96.9	79.0	118.4	
141	31.3	31.2	46.8	

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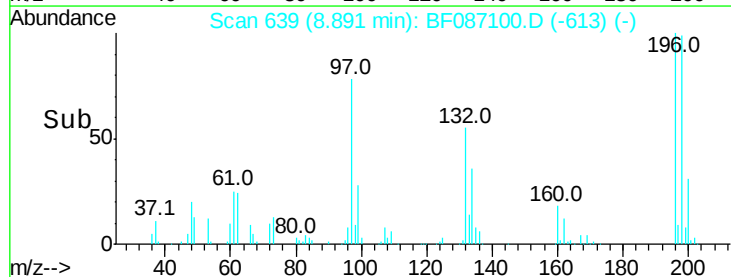
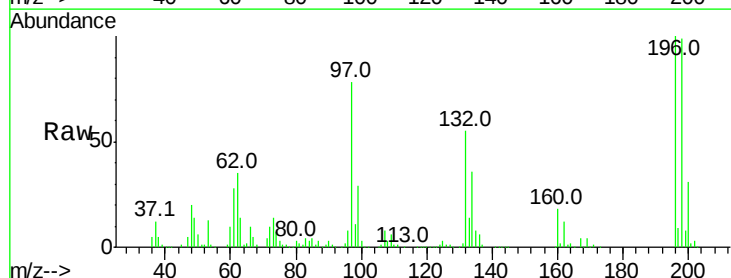
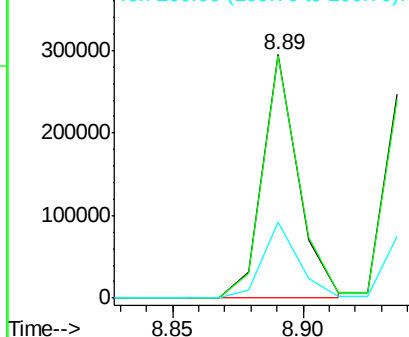
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

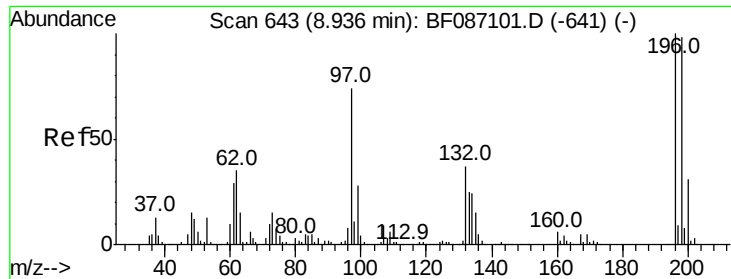


#42
 2,4,6-Trichlorophenol
 Concen: 47.94 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276697		
198	99.3	74.7	112.1	
200	31.3	23.8	35.6	

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





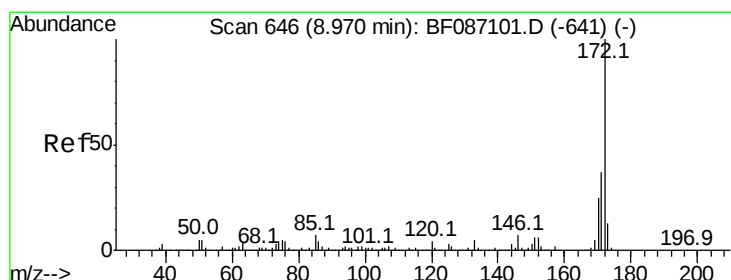
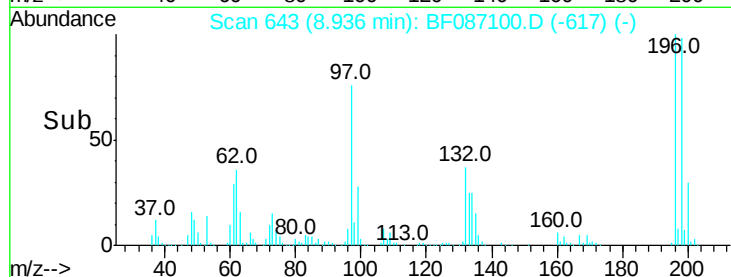
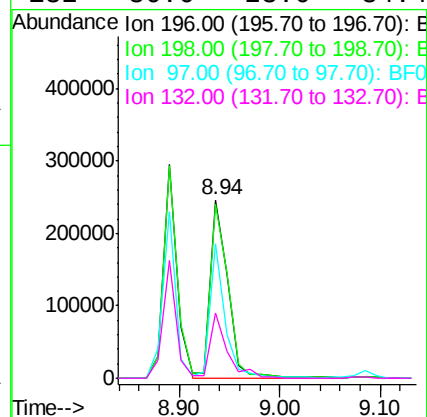
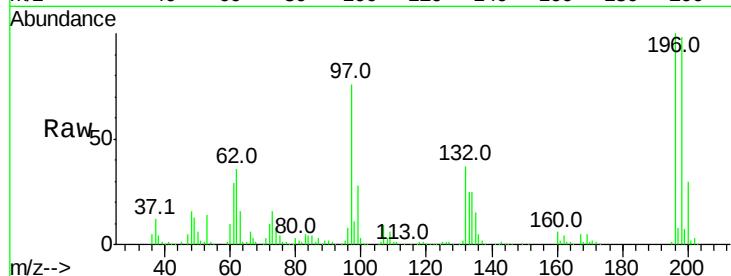
#43
 2,4,5-Trichlorophenol
 Concen: 49.38 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	294743		
198	97.8	77.5	116.3	
97	75.7	34.8	52.2	
132	36.6	23.0	34.4	

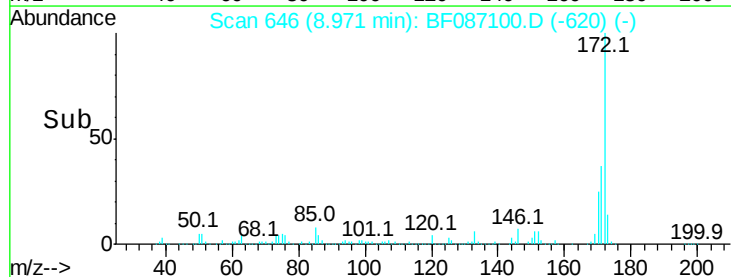
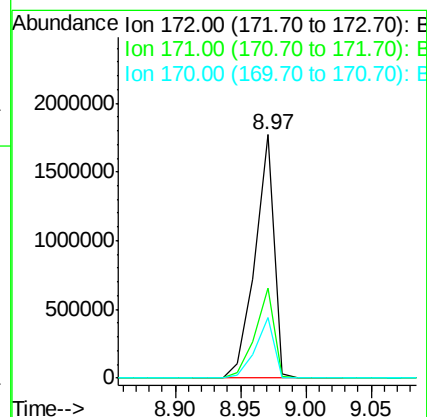
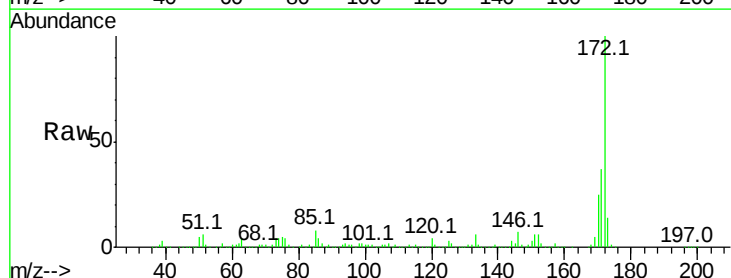
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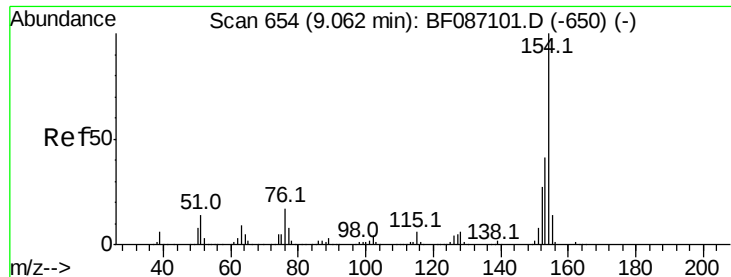
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#44
 2-Fluorobiphenyl
 Concen: 102.84 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1816548		
171	37.0	29.0	43.6	
170	25.1	19.8	29.8	





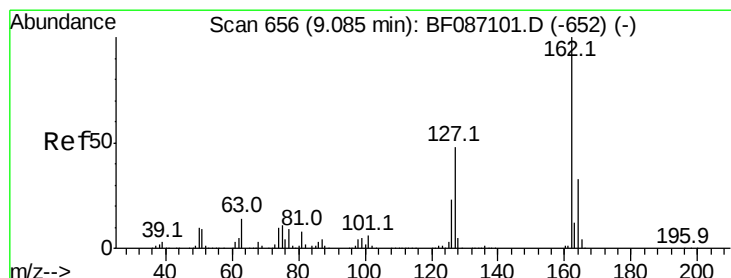
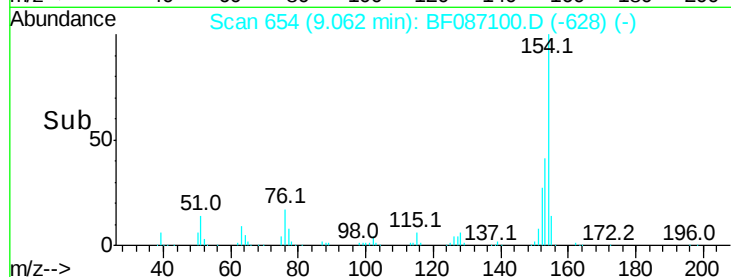
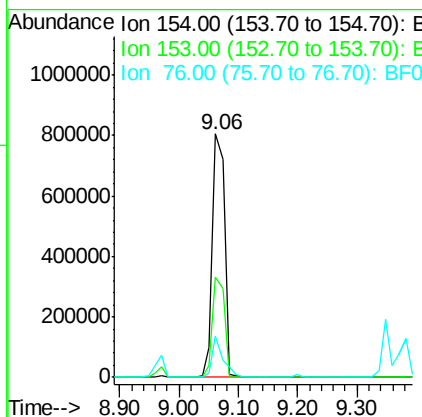
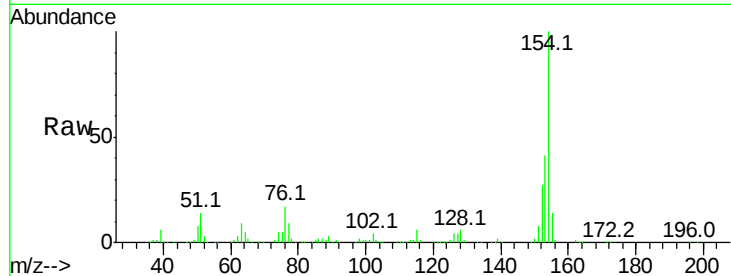
#45
 1,1'-Biphenyl
 Concen: 47.99 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:154 Resp: 1133239
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 17.2 0.0 30.2

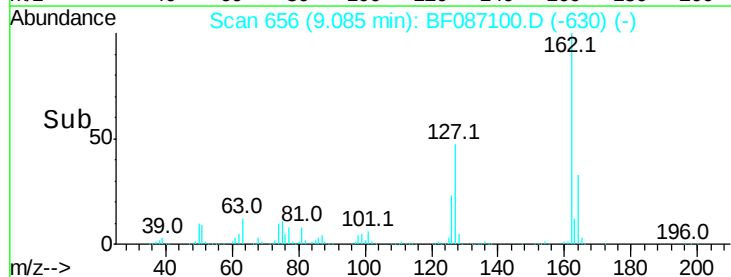
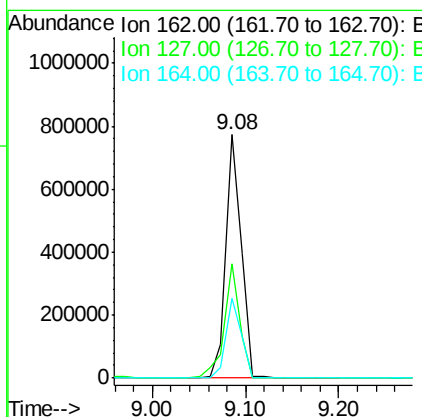
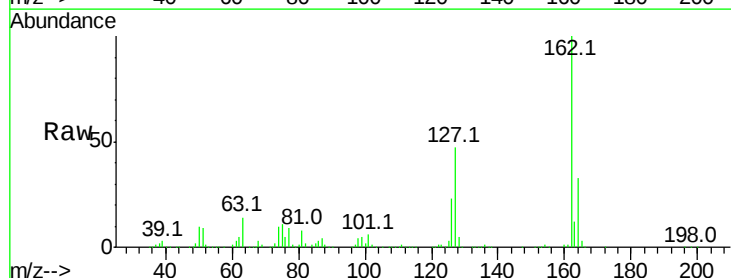
Manual Integrations
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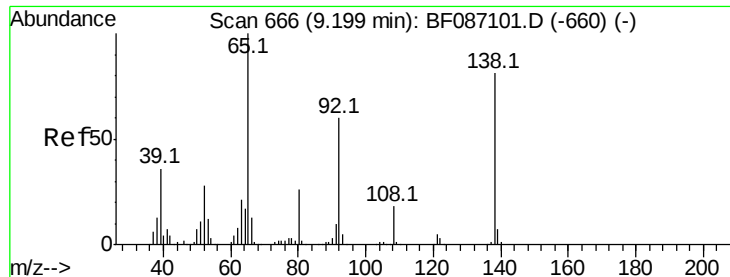
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#46
 2-Chloronaphthalene
 Concen: 48.16 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:162 Resp: 891030
 Ion Ratio Lower Upper
 162 100
 127 47.1 31.8 47.6
 164 33.0 27.0 40.6





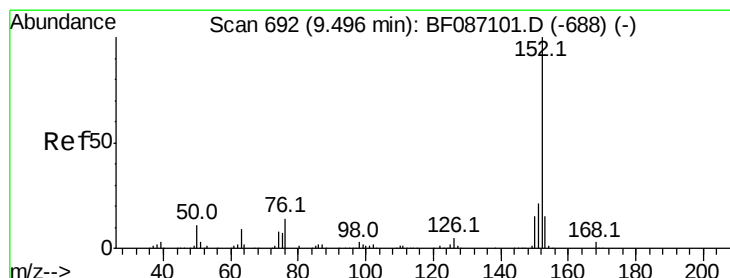
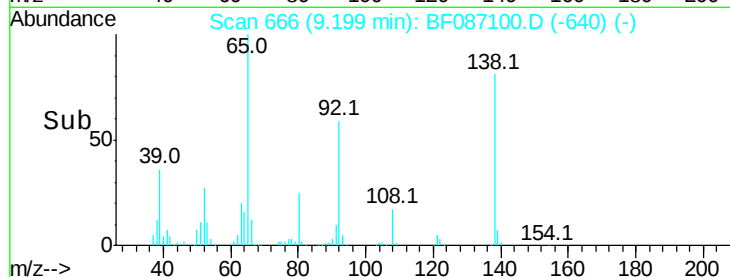
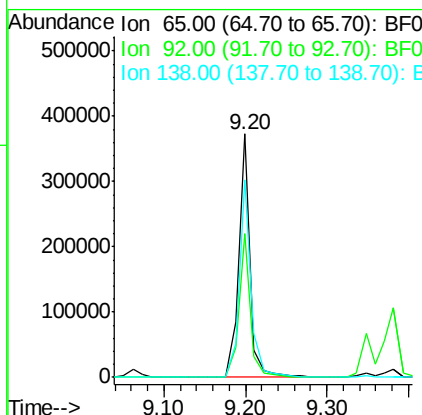
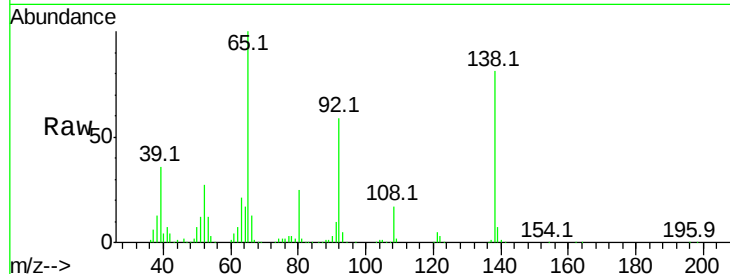
#47
2-Nitroaniline
Concen: 53.74 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.2	57.4	86.2
138	81.0	90.1	135.1#

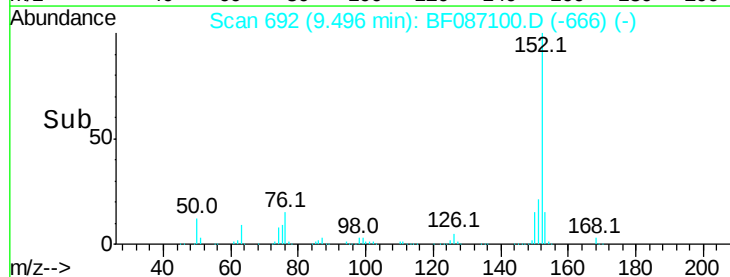
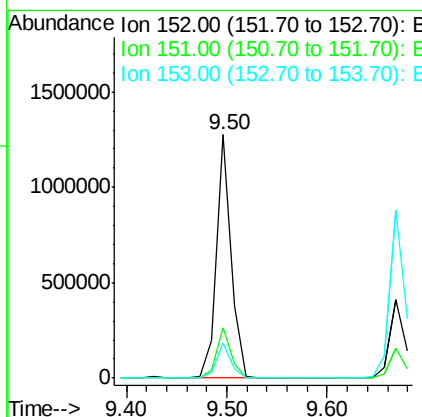
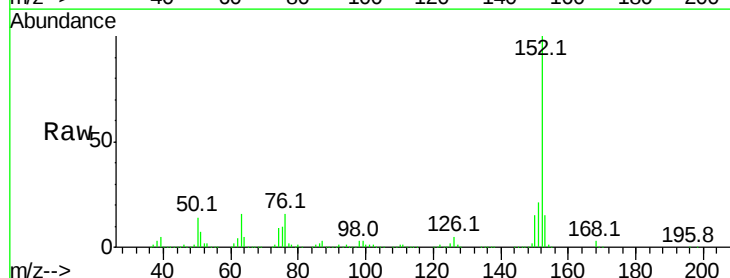
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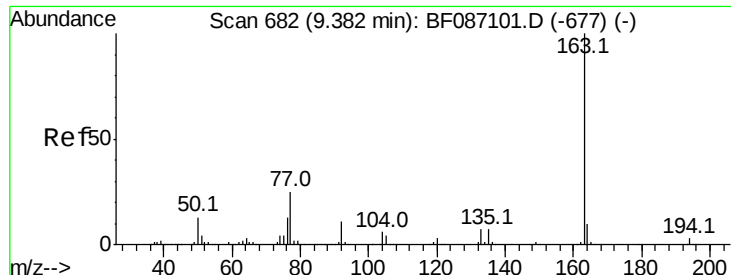
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#48
Acenaphthylene
Concen: 47.29 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.5	10.9	16.3





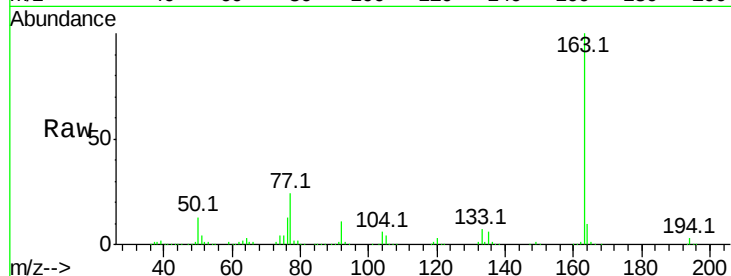
#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

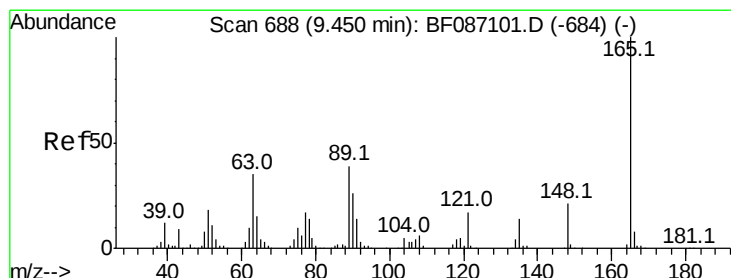
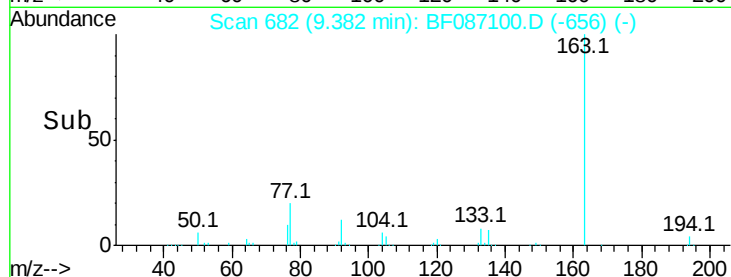
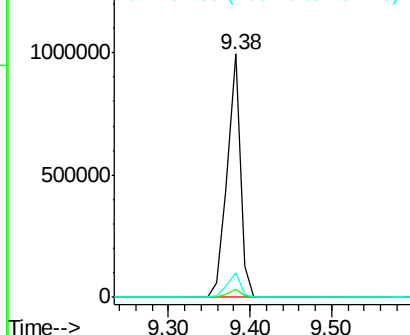
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.2	12.4

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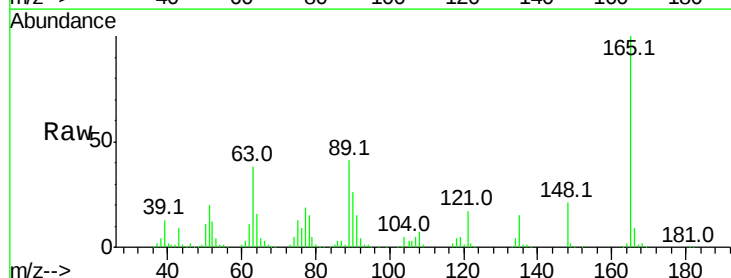


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

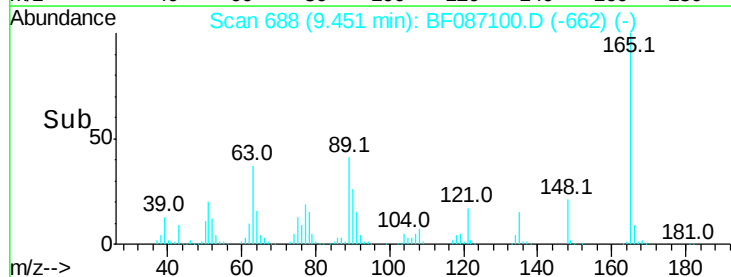
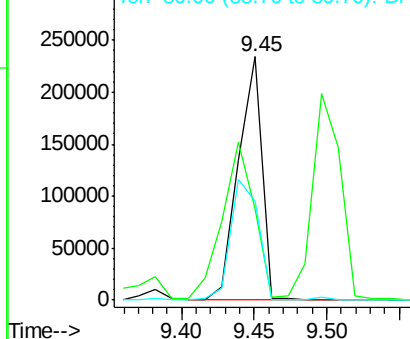


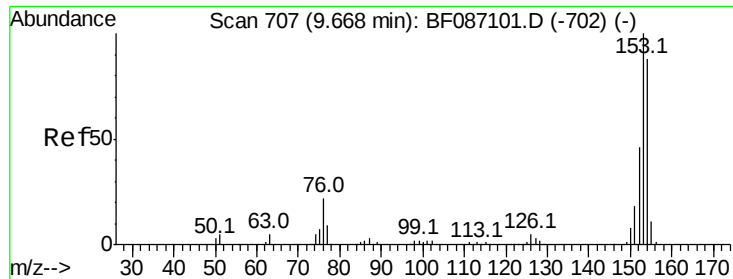
#50
2,6-Dinitrotoluene
Concen: 55.53 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.5	51.8	77.8#
89	40.9	50.7	76.1#



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





#51

Acenaphthene

Concen: 47.41 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

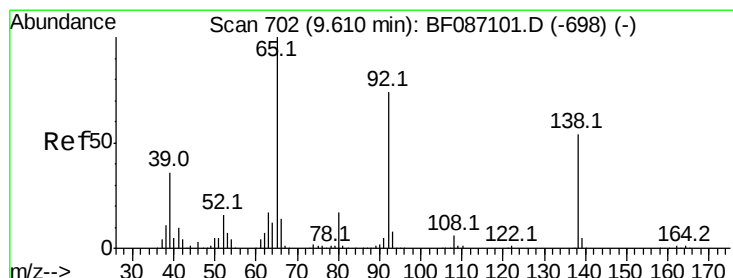
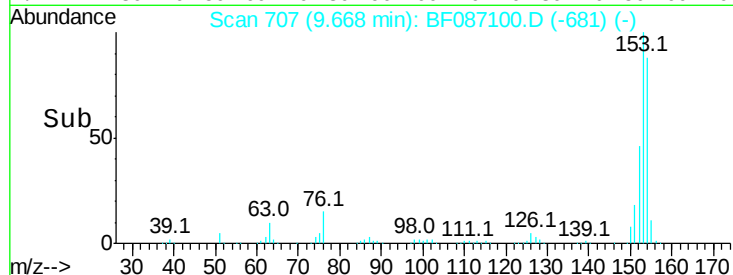
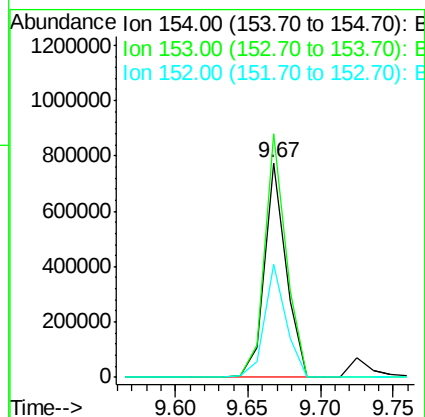
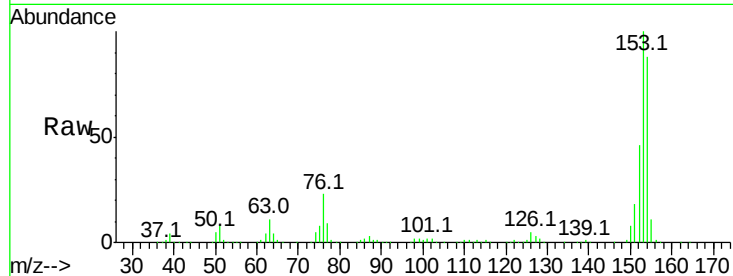
ClientSampleId :

SSTDIC050

Tot Ion:	154	Resp:	802546
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.8	134.6
152	52.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 54.57 ng

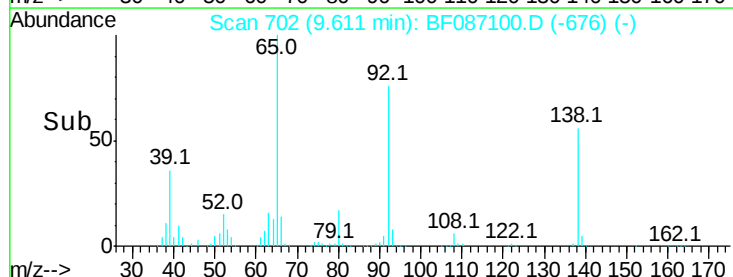
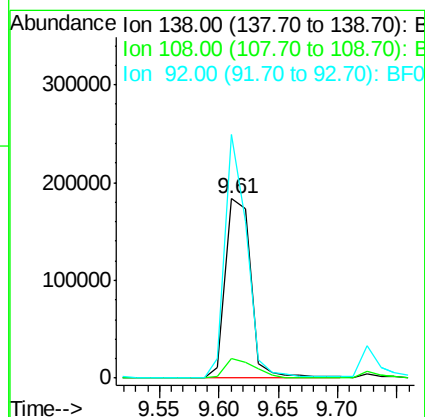
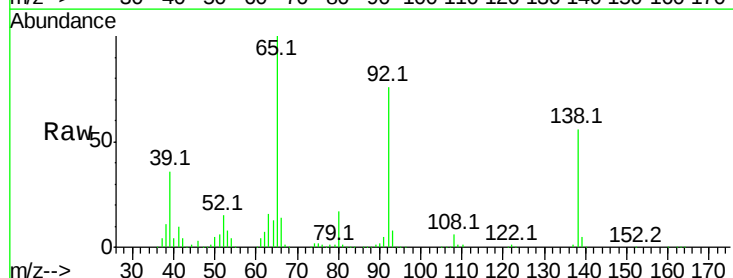
RT: 9.61 min Scan# 702

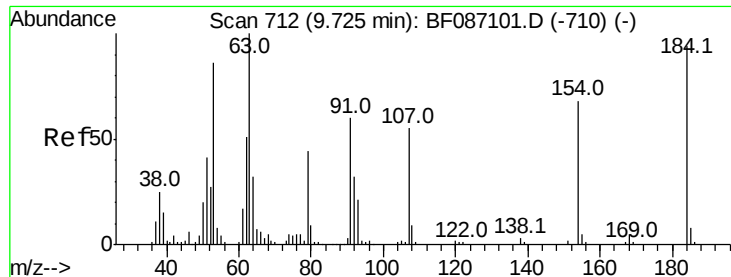
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion:	138	Resp:	273838
Ion Ratio	Lower	Upper	
138	100		
108	11.3	7.8	11.6
92	135.7	87.8	131.8#





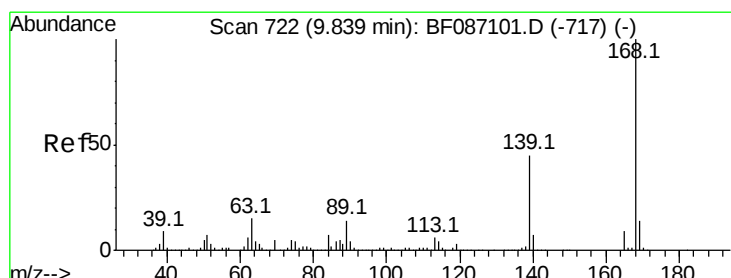
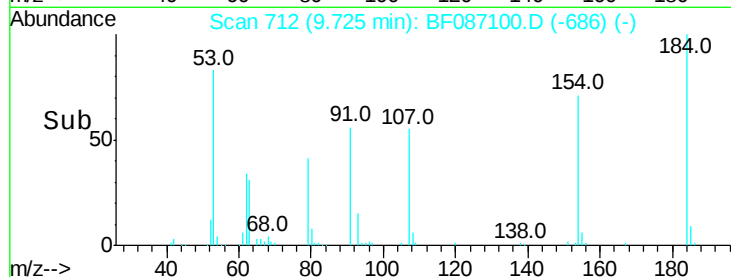
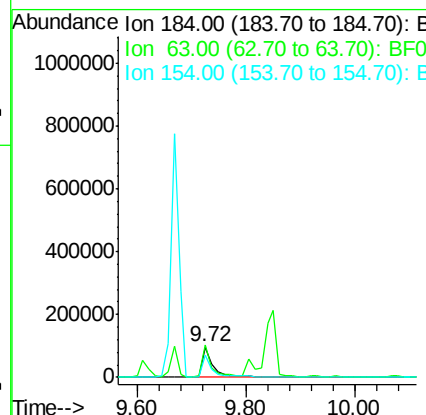
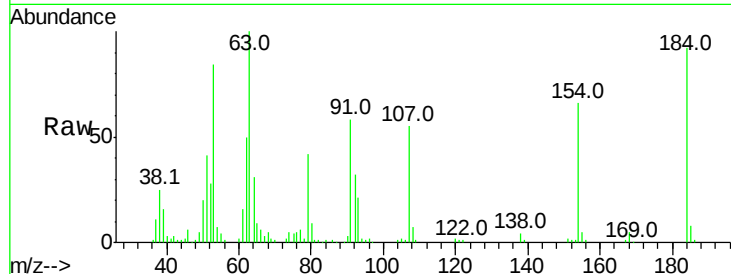
#53
 2,4-Dinitrophenol
 Concen: 71.18 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	141227		
63	108.1	55.8	83.8#	
154	71.7	62.4	93.6	

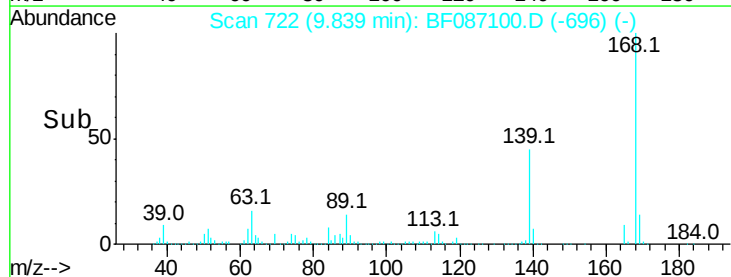
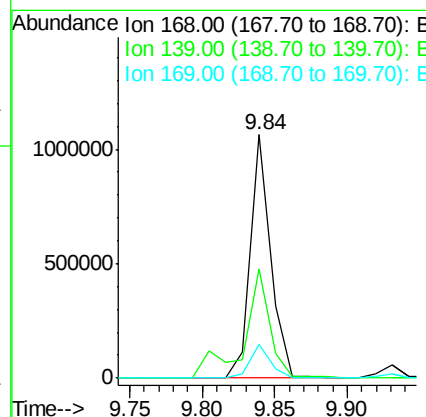
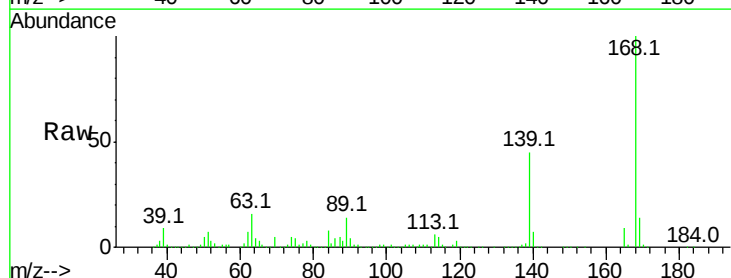
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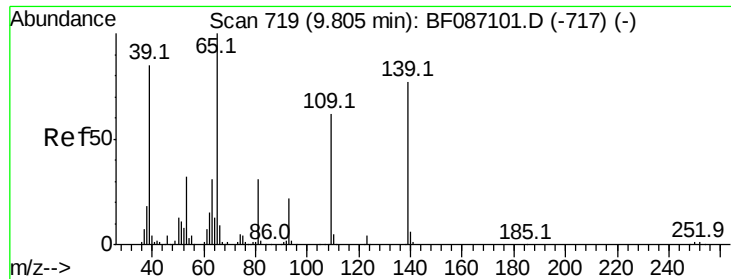
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#54
 Dibenzofuran
 Concen: 47.68 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1035952		
139	45.0	31.4	47.0	
169	13.9	10.7	16.1	





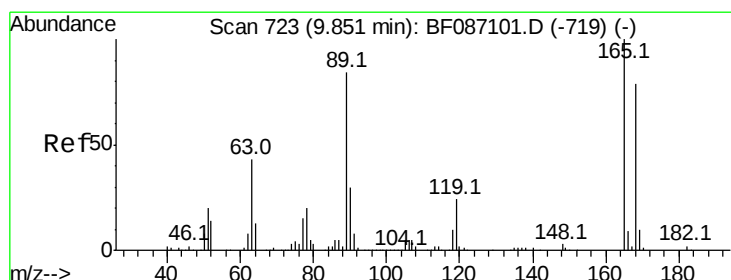
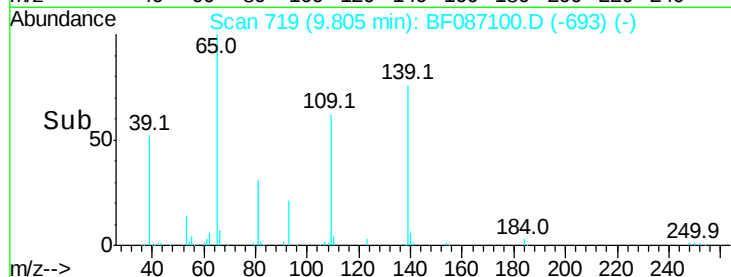
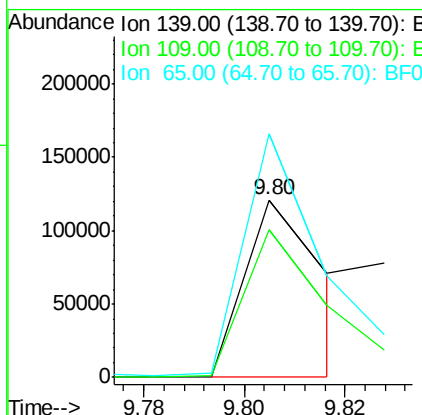
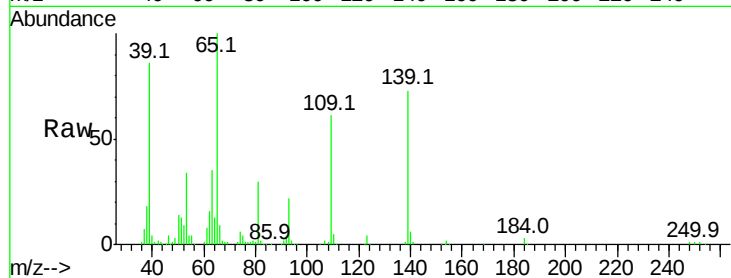
#55
4-Nitrophenol
Concen: 44.00 ng/mL
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.1	36.9	76.9%	
65	137.2	64.0	104.0%	

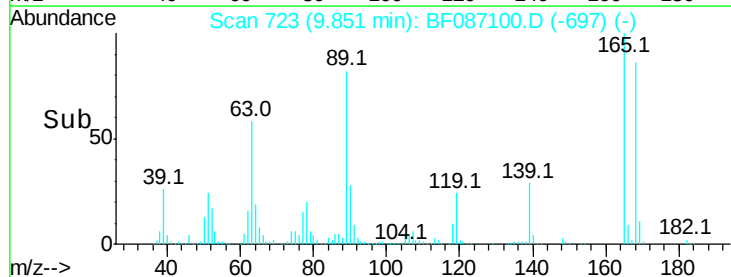
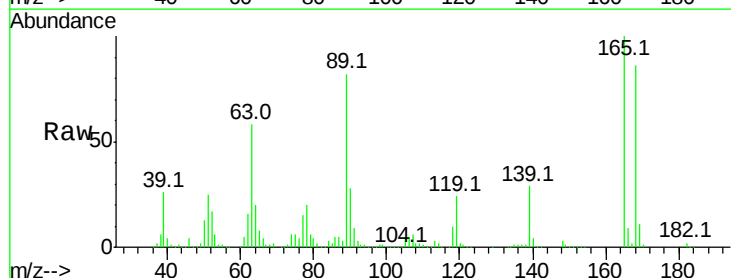
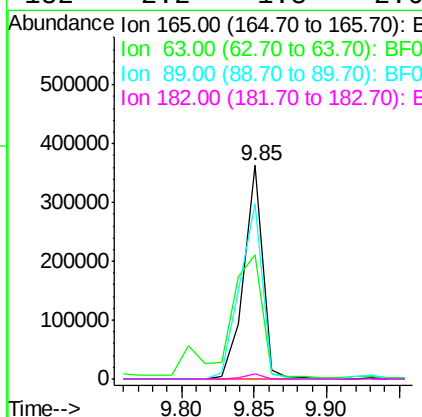
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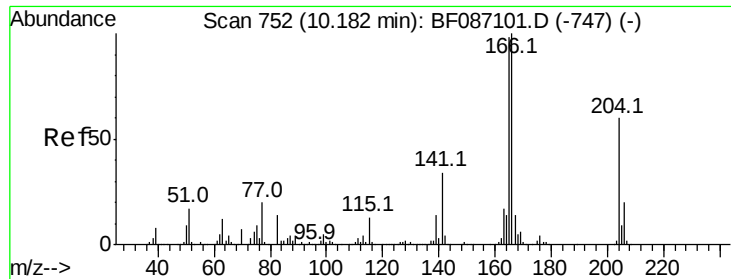
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#56
2,4-Dinitrotoluene
Concen: 55.98 ng/mL
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.3	44.3	66.5%	
89	82.4	70.0	105.0%	
182	2.2	1.8	2.6%	





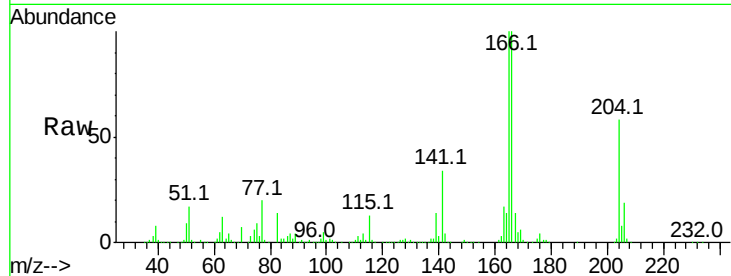
#57
Fluorene
 Concen: 45.10 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.0	118.6	
167	13.9	10.6	15.8	

Manual Integrations
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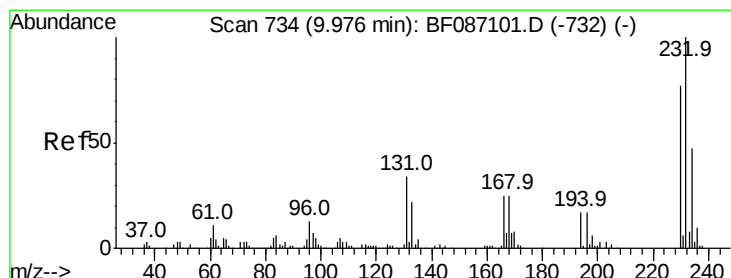
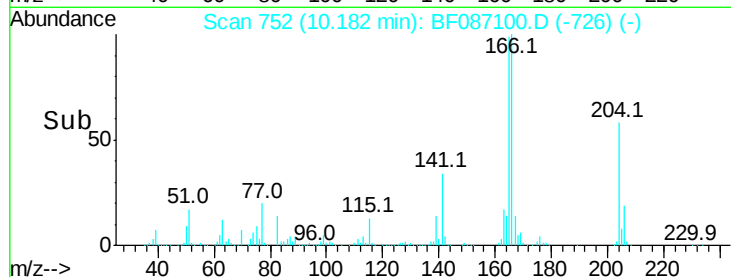
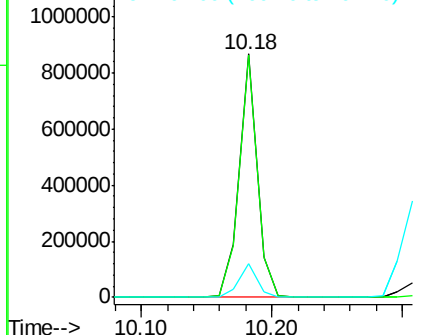


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.87 ng
 RT: 9.98 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.2	41.9	62.9	
130	2.5	2.2	3.4	
166	30.0	26.8	40.2	

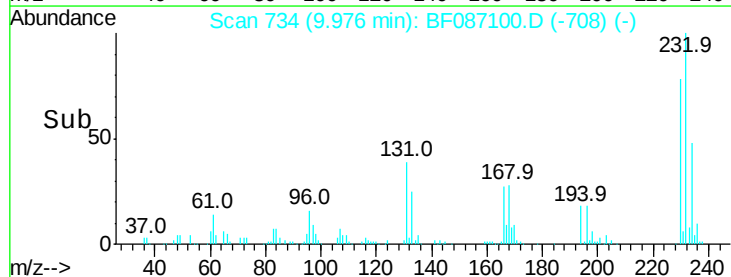
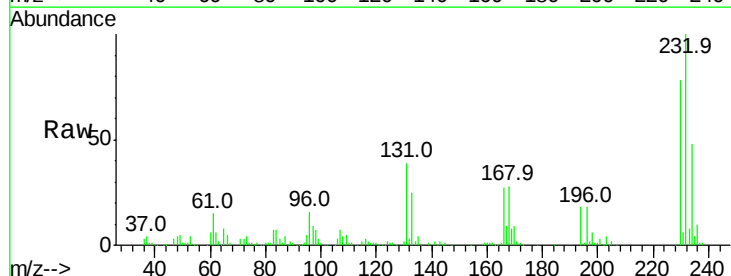
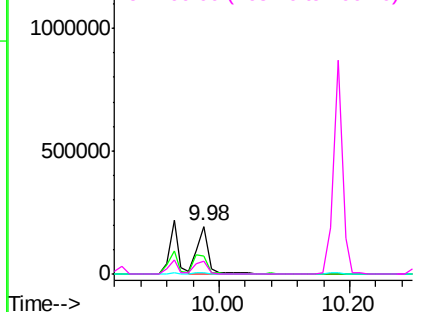
Abundance

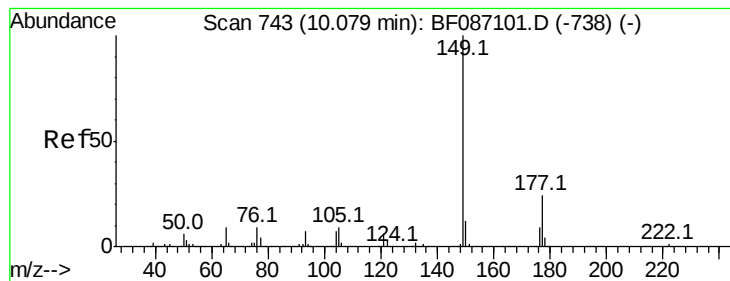
Ion 232.00 (231.70 to 232.70): E

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: 50.65 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1117852

Ion Ratio Lower Upper

149 100

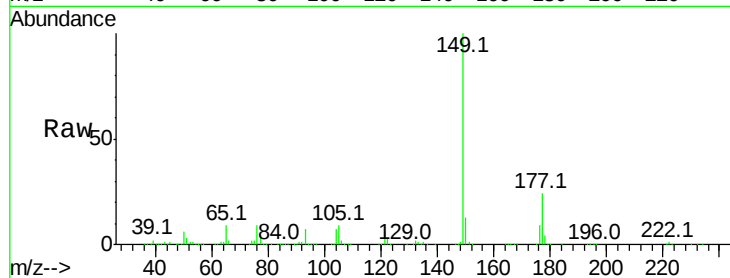
177 23.9 16.6 24.8

150 12.7 10.0 15.0

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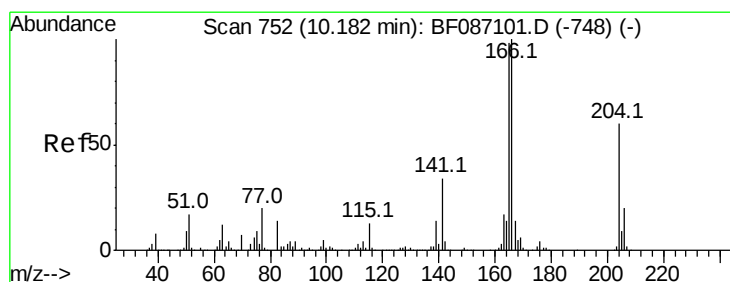
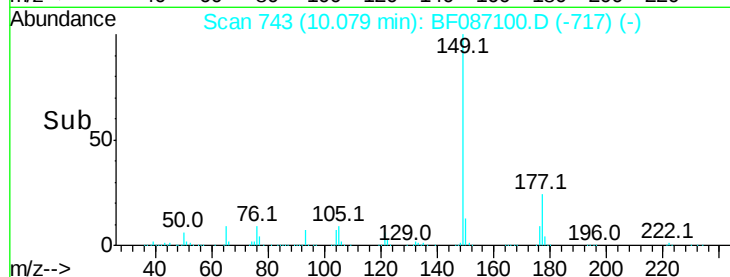
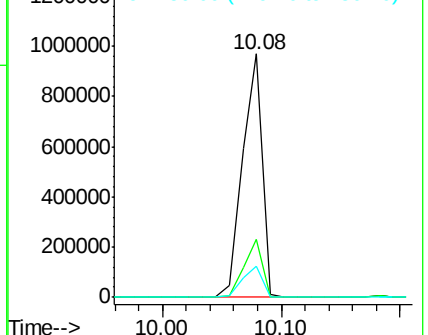
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.53 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

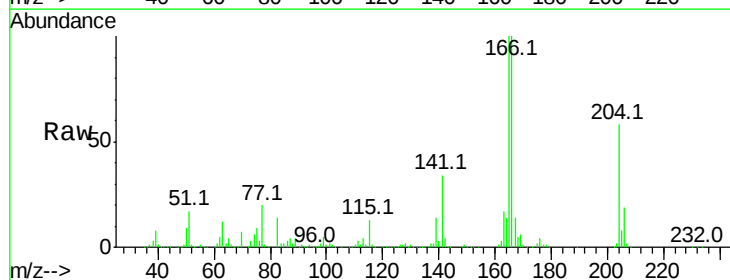
Tgt Ion:204 Resp: 476317

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

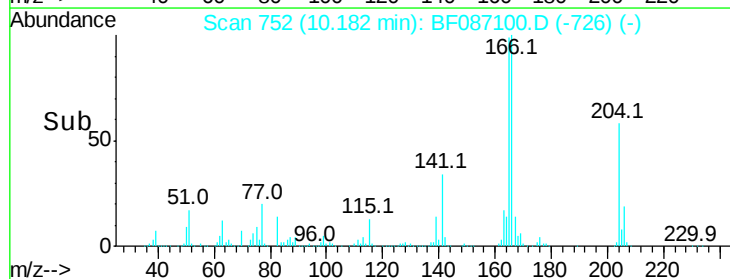
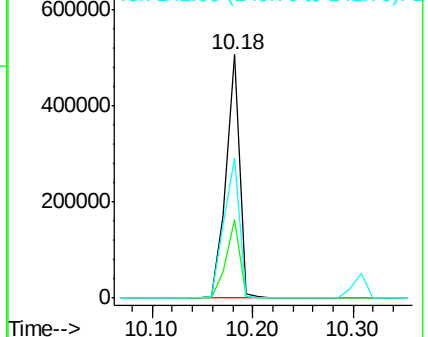
141 57.6 61.6 92.4#

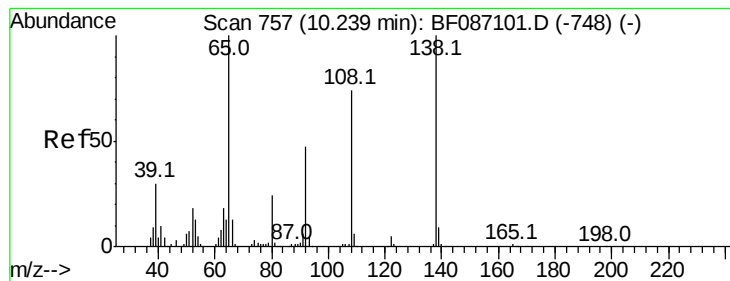


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





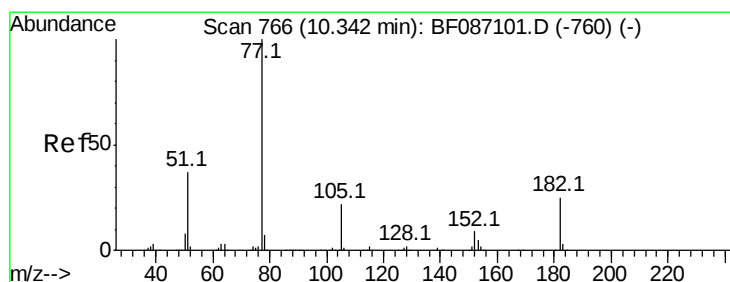
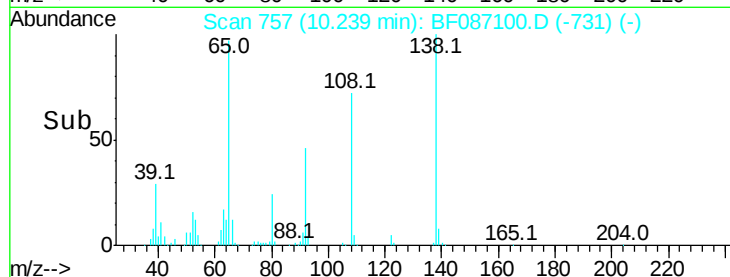
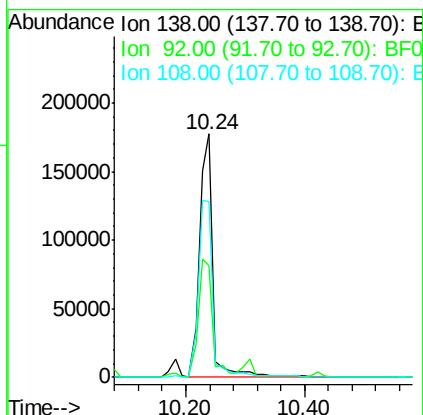
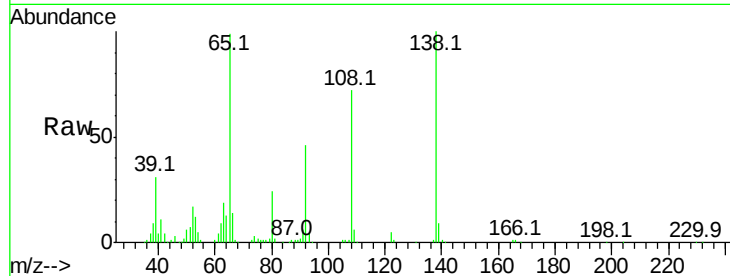
#61
4-Nitroaniline
Concen: 57.89 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.7	64.7
108	72.4	37.4	77.4

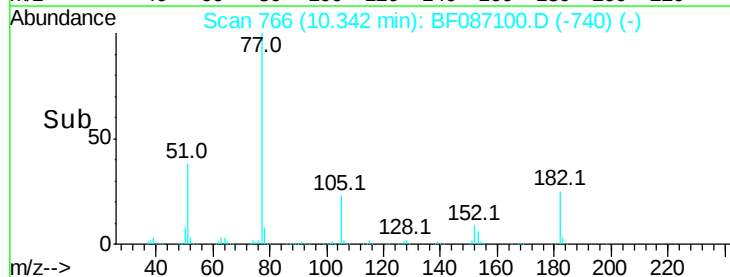
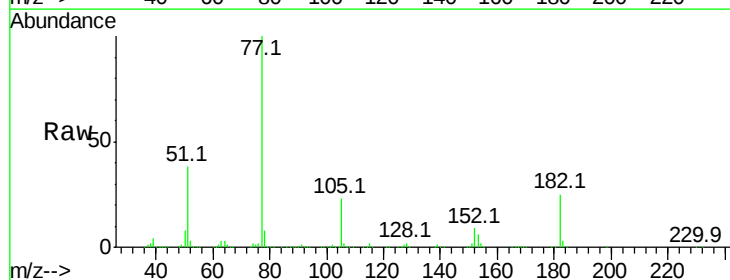
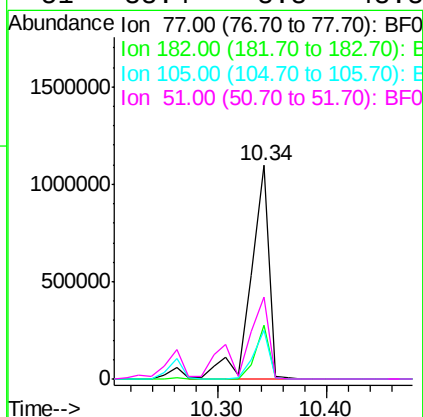
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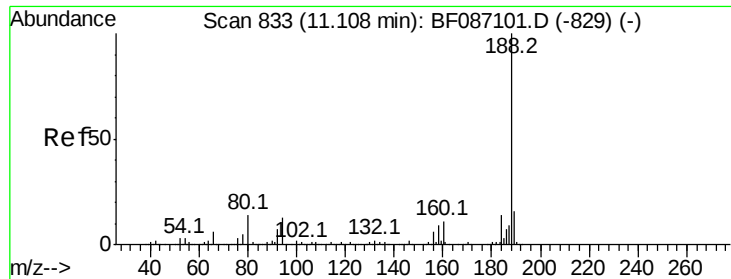
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#62
Azobenzene
Concen: 53.10 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.0	38.8
105	22.7	3.2	43.2
51	38.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

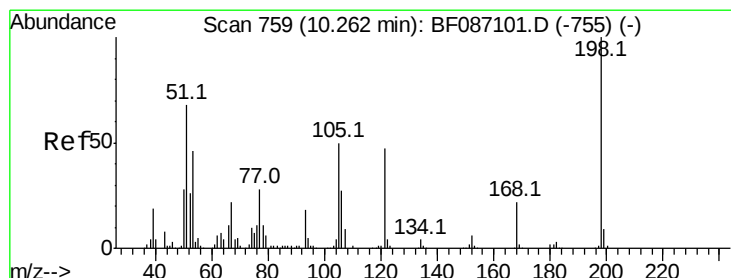
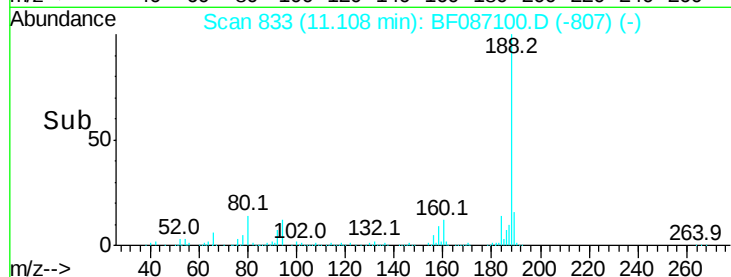
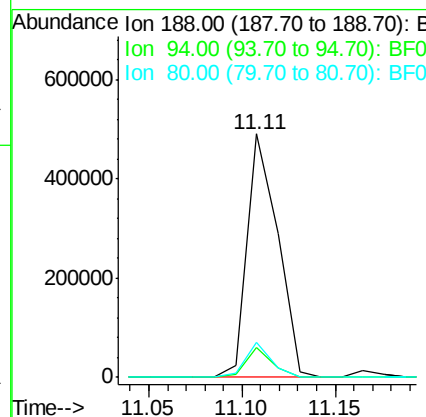
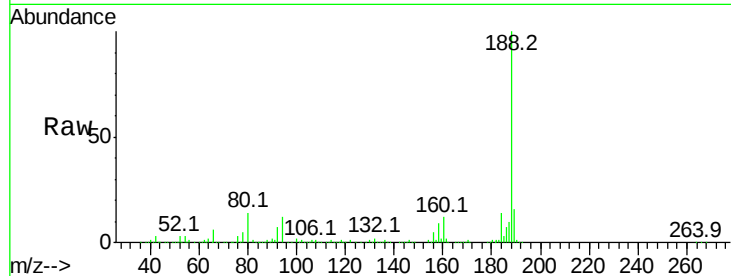
ClientSampleId :

SSTDIC050

Tot Ion:	188	Resp:	561648
Ion Ratio	Lower	Upper	
188	100		
94	12.5	6.8	10.2#
80	14.4	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 56.52 ng

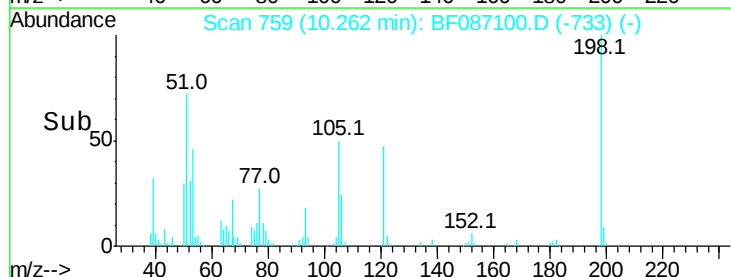
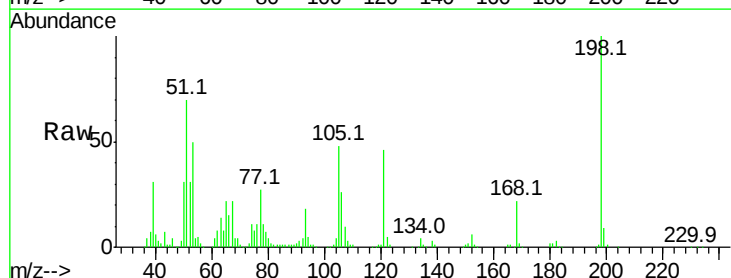
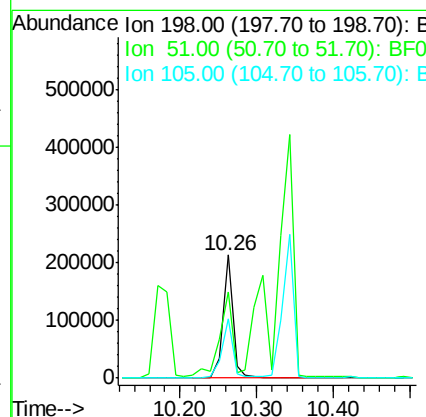
RT: 10.26 min Scan# 759

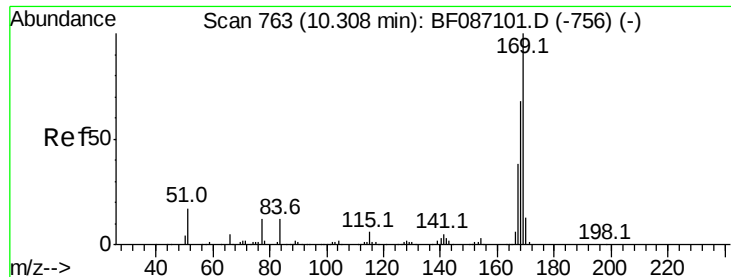
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion:	198	Resp:	197191
Ion Ratio	Lower	Upper	
198	100		
51	69.9	20.5	60.5#
105	48.4	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 52.30 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

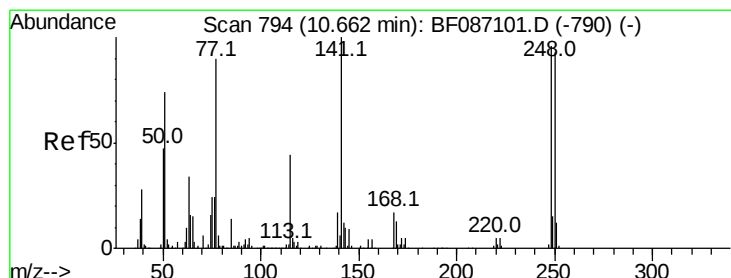
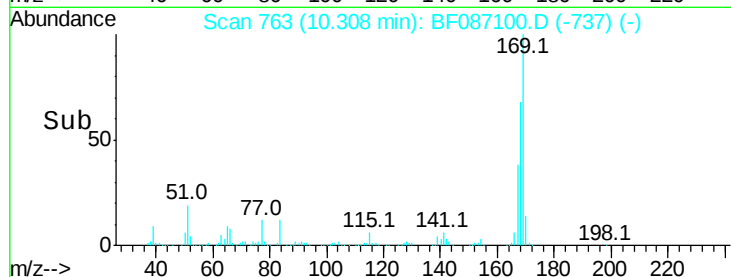
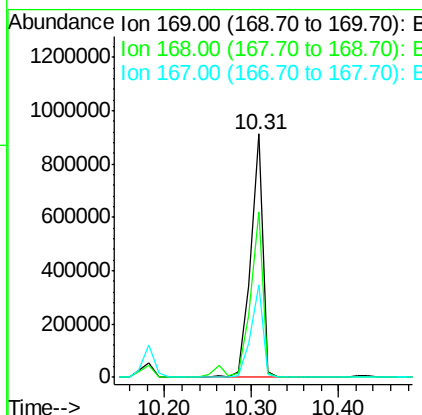
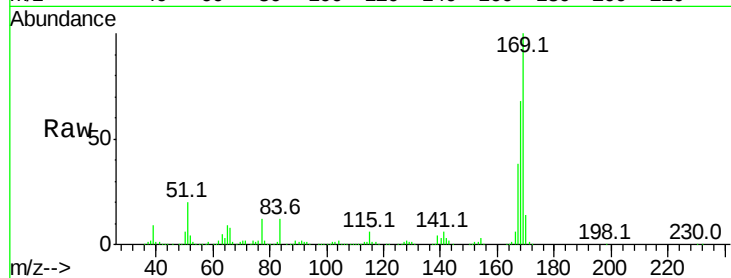
ClientSampleId :

SSTDICC050

Tot Ion:	169	Resp:	902365
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.8	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 45.98 ng

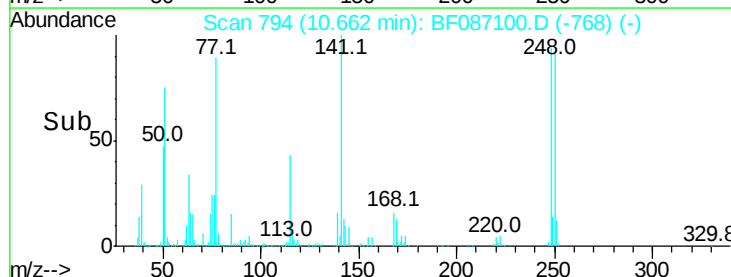
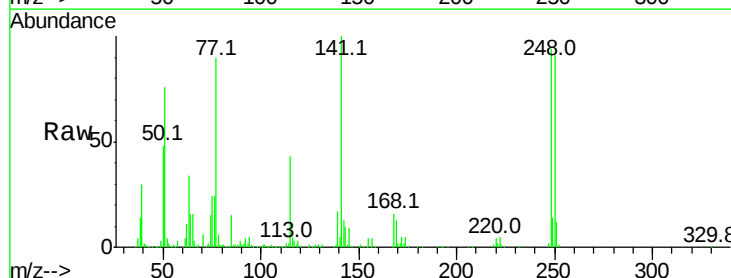
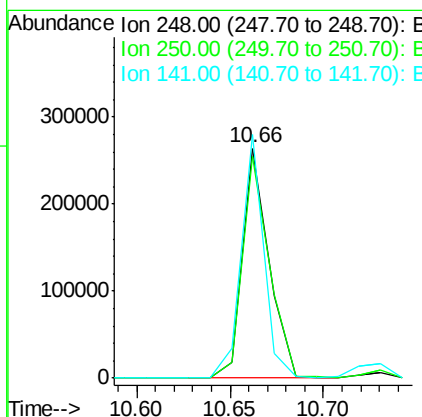
RT: 10.66 min Scan# 794

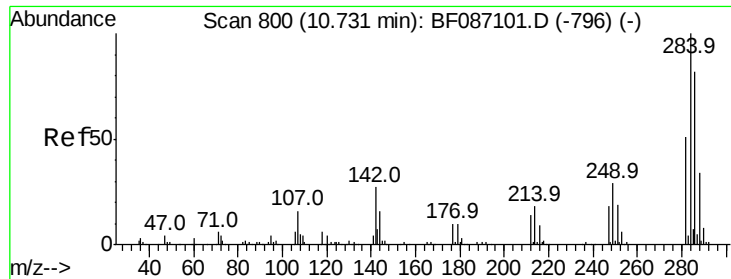
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion:	248	Resp:	261802
Ion Ratio	Lower	Upper	
248	100		
250	96.5	78.6	117.8
141	106.0	76.0	114.0





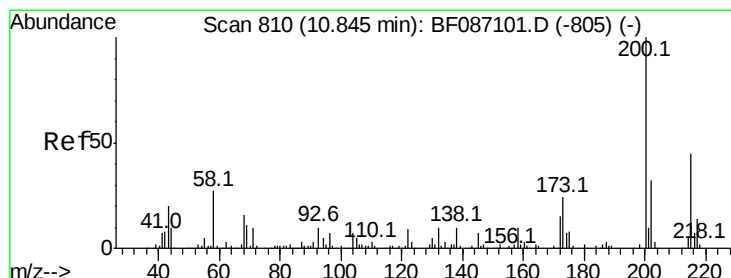
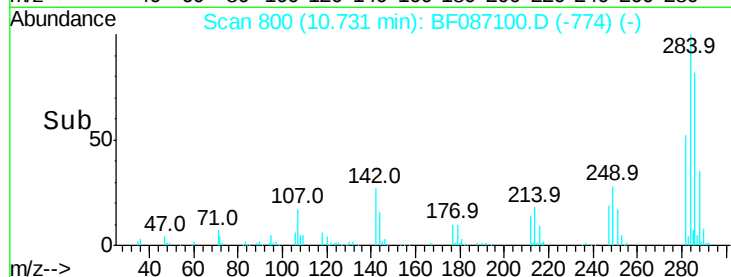
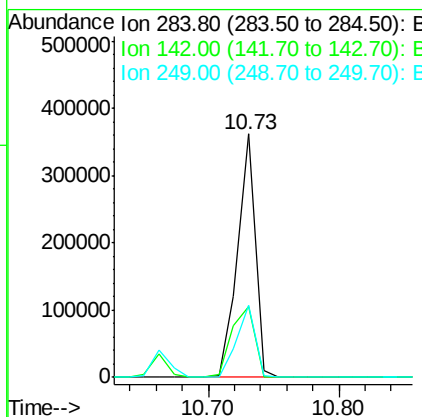
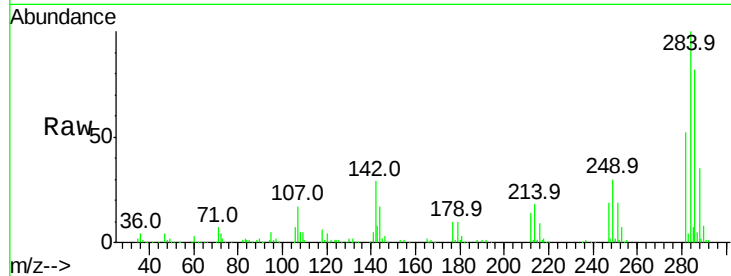
#67
Hexachlorobenzene
Concen: 51.29 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	341341		
142	28.9	16.7	25.1#	
249	29.5	21.3	31.9	

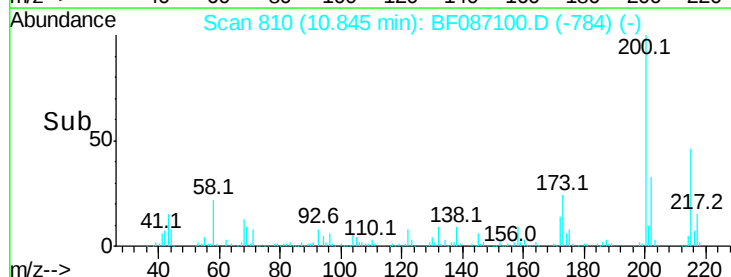
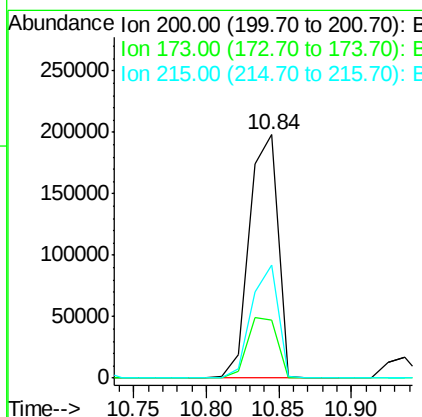
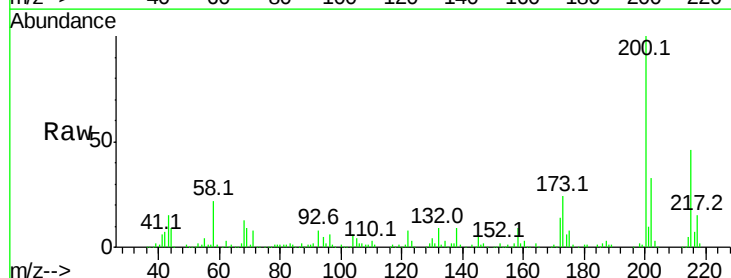
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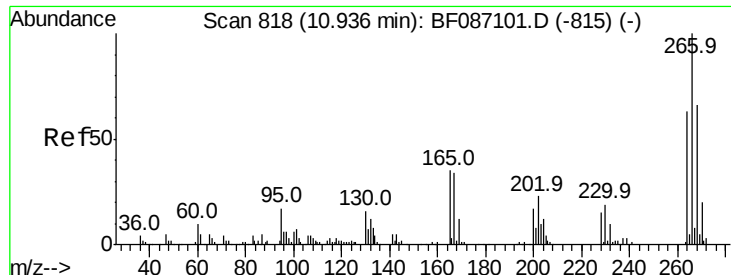
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#68
Atrazine
Concen: 47.08 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	271362		
173	24.0	8.5	48.5	
215	46.3	27.2	67.2	





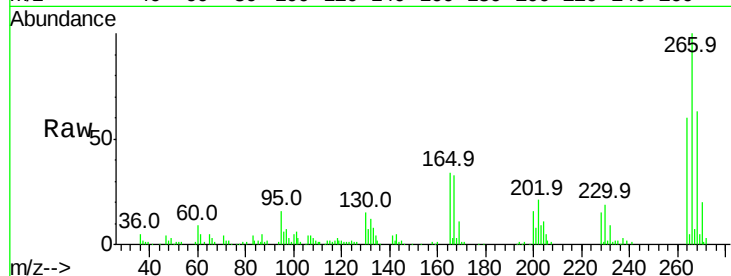
#69
 Pentachlorophenol
 Concen: 44.63 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

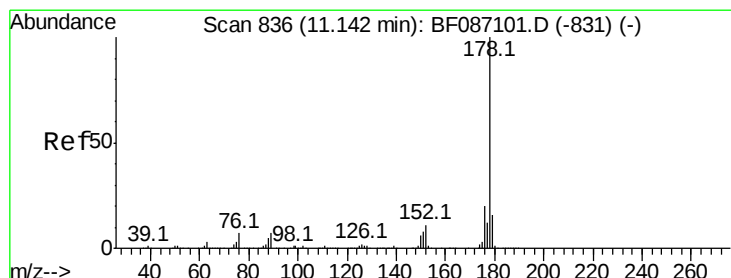
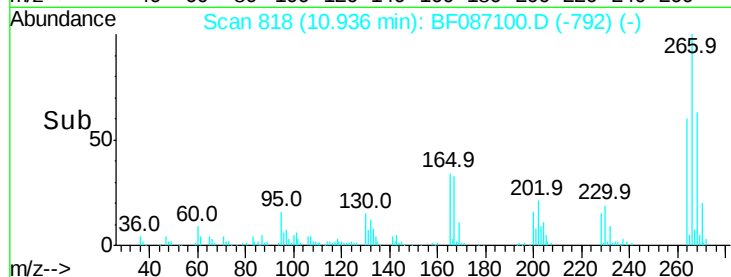
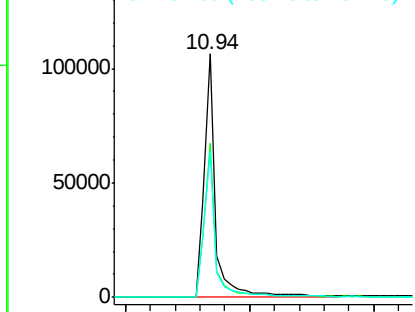
Tot Ion	Ratio	Resp	Lower	Upper
266	100	137264		
268	63.1	51.5	77.3	
264	60.4	52.9	79.3	

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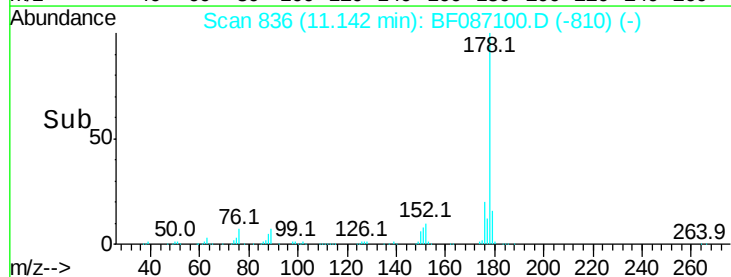
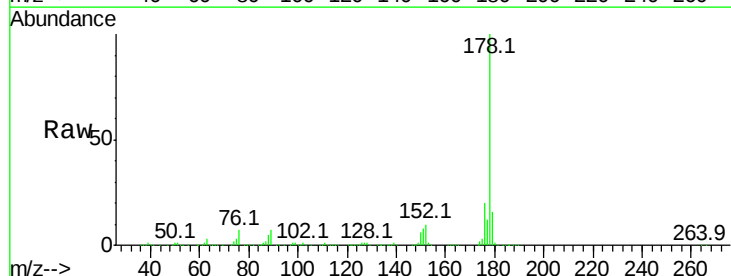
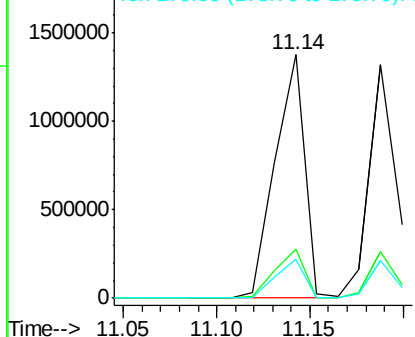
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

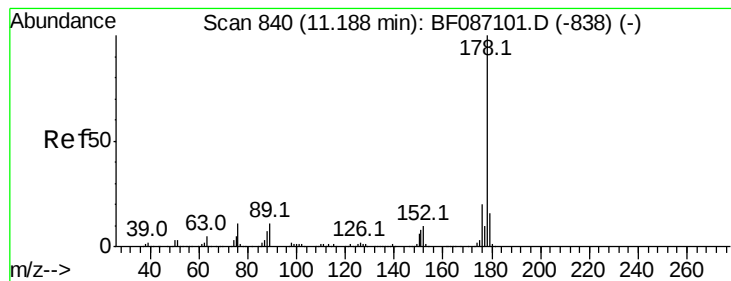


#70
 Phenanthrene
 Concen: 50.52 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1514181		
176	20.3	16.0	24.0	
179	15.8	12.6	18.8	

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





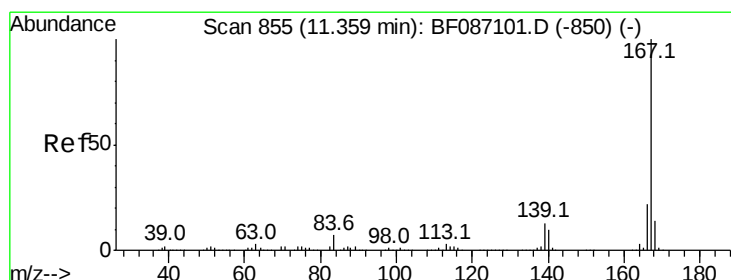
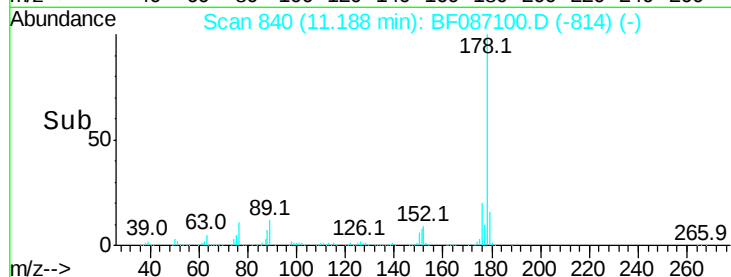
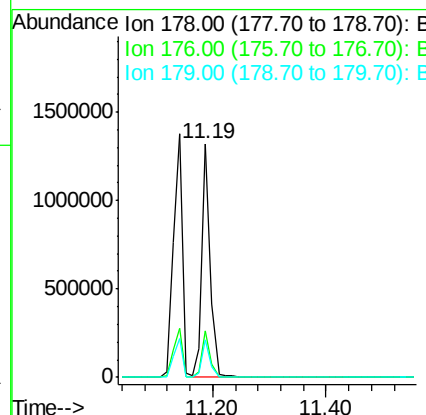
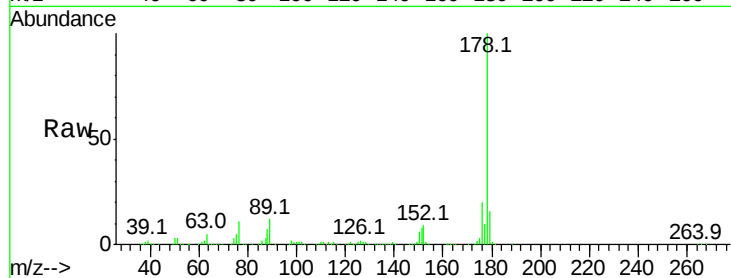
#71
 Anthracene
 Concen: 43.61 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1336796
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.7 19.1

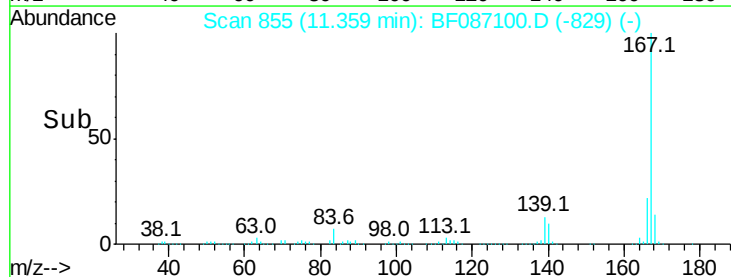
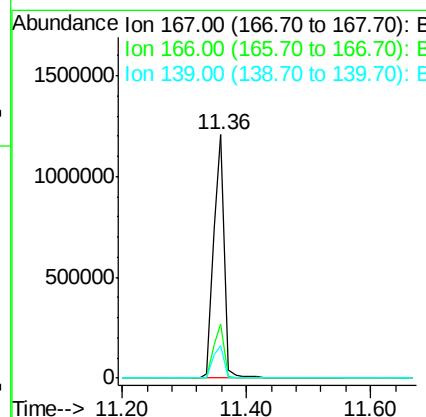
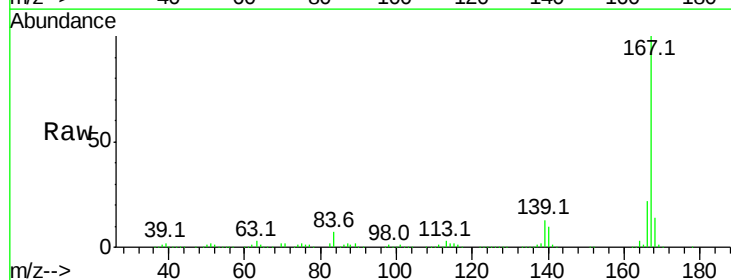
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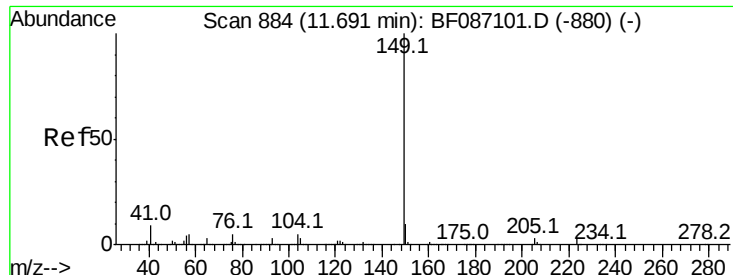
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#72
 Carbazole
 Concen: 54.01 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:167 Resp: 1423165
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 51.81 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1667144

Ion Ratio Lower Upper

149 100

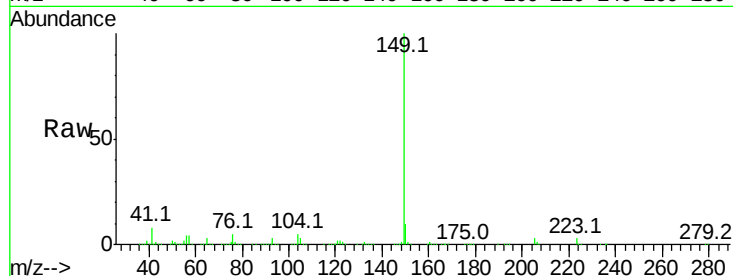
150 9.5 7.6 11.4

104 5.2 3.8 5.6

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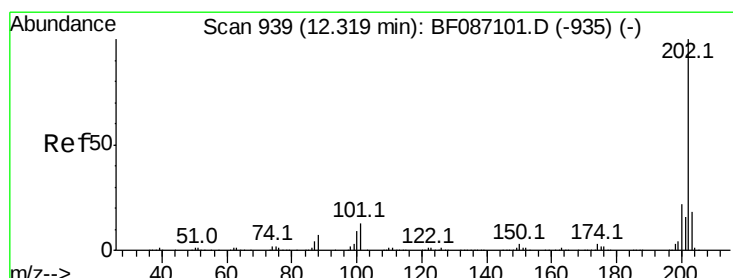
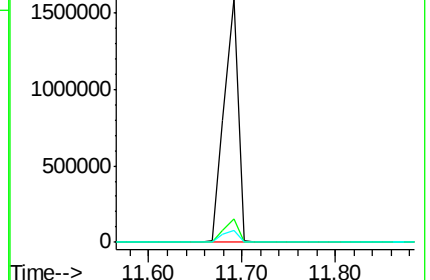
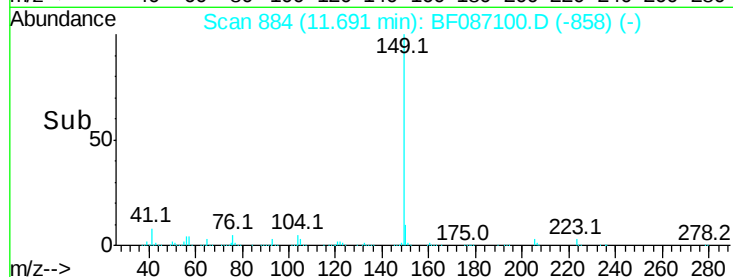
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.72 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

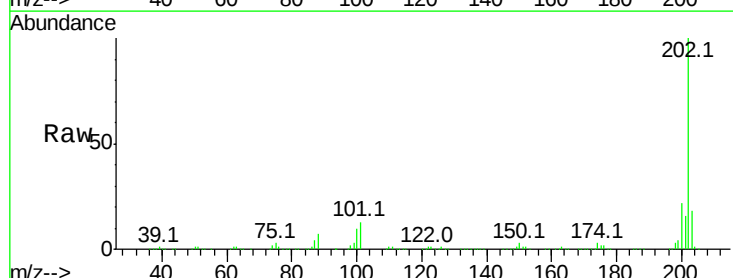
Tgt Ion:202 Resp: 1440340

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

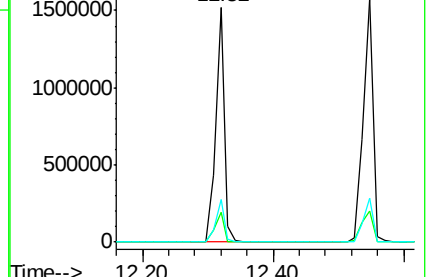
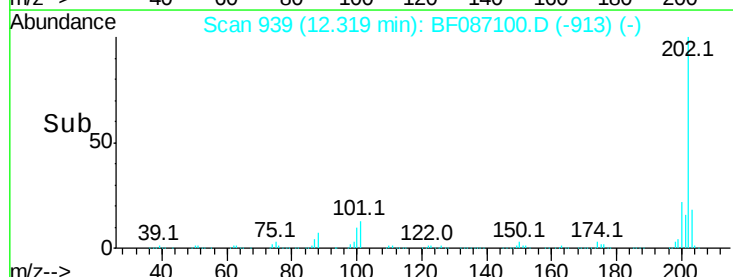
203 18.3 0.0 38.1

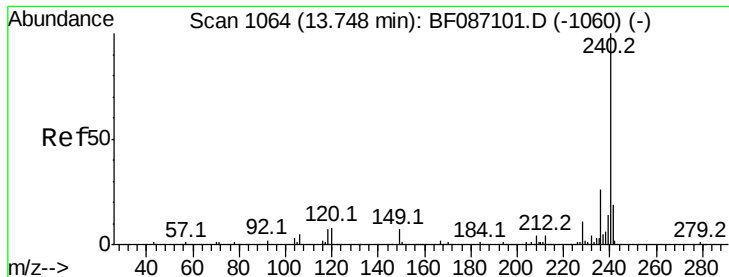


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

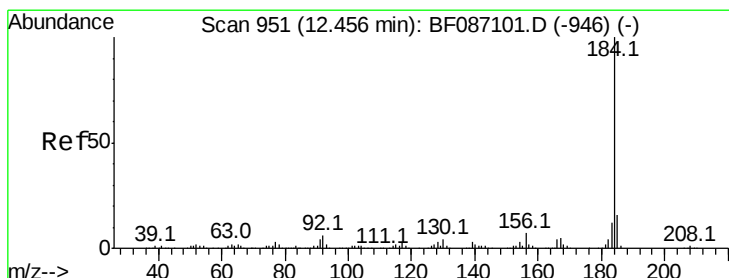
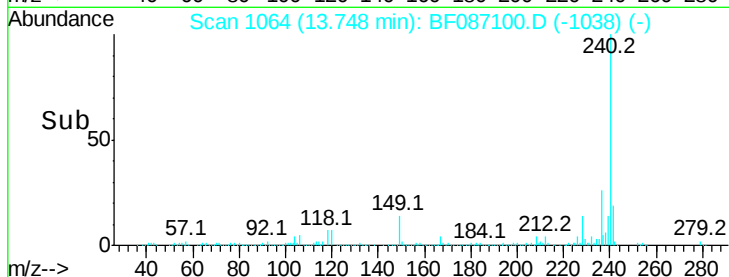
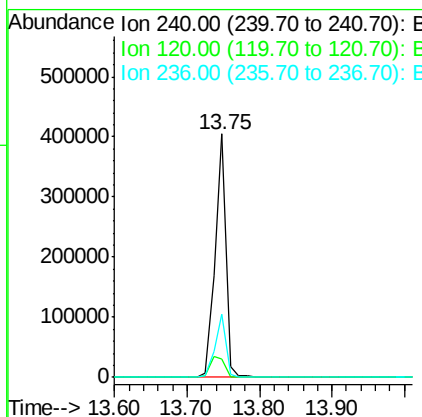
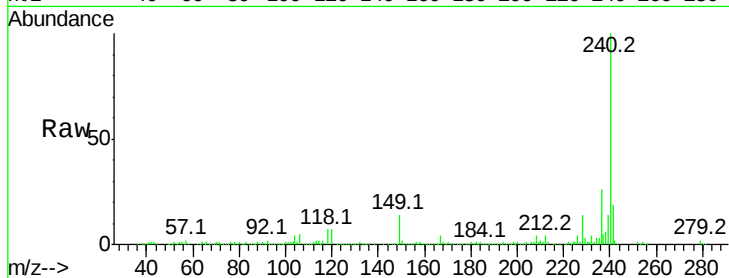
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
240	100	418311		
120	7.4	11.2	16.8#	
236	25.9	21.2	31.8	

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#76

Benzidine

Concen: 53.17 ng

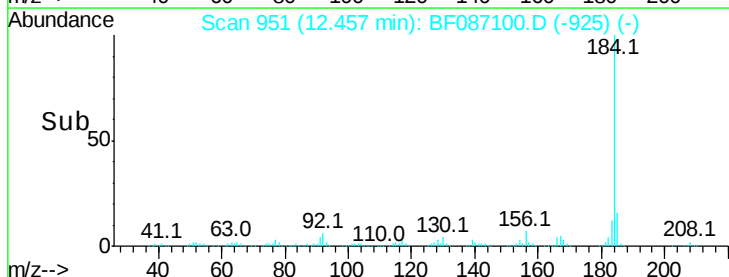
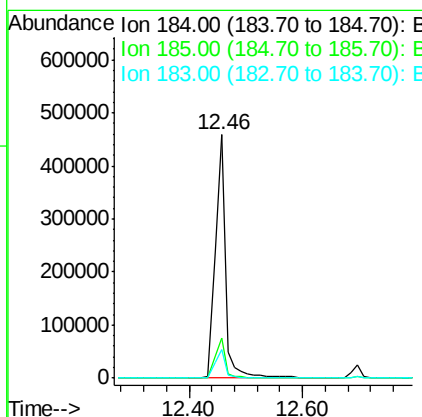
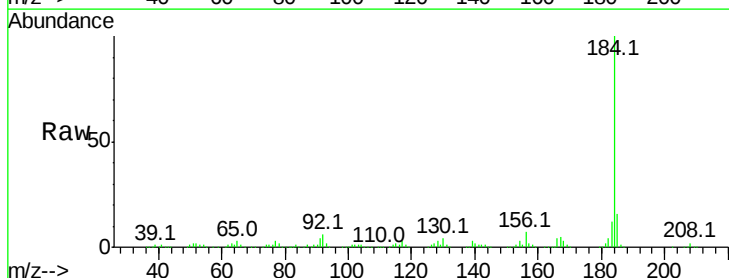
RT: 12.46 min Scan# 951

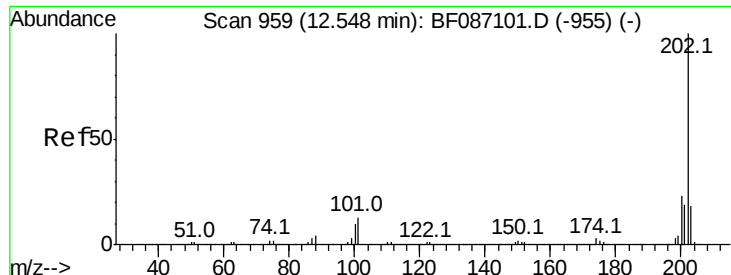
Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	566991		
185	16.4	13.6	20.4	
183	11.8	9.8	14.6	





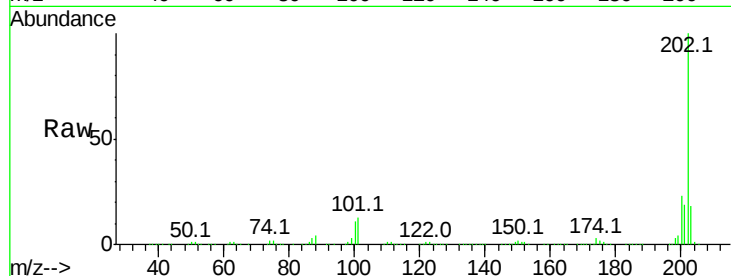
#77
Pvrene
Concen: 49.61 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.7	26.5
203	18.0	14.2	21.4

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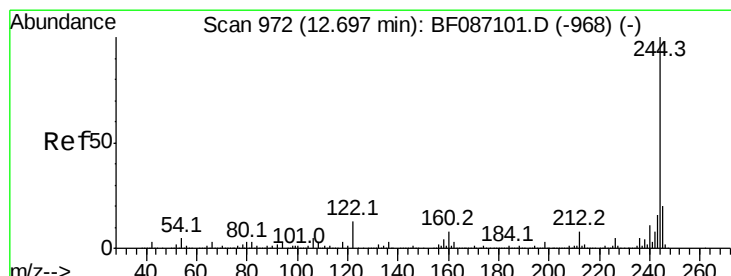
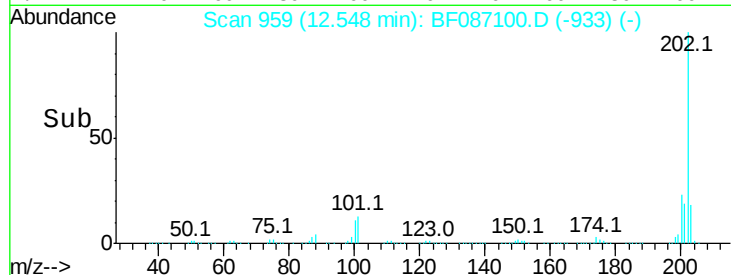
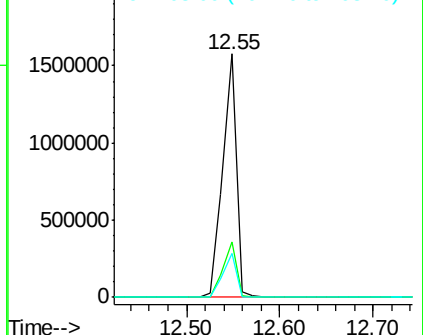


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 84.97 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

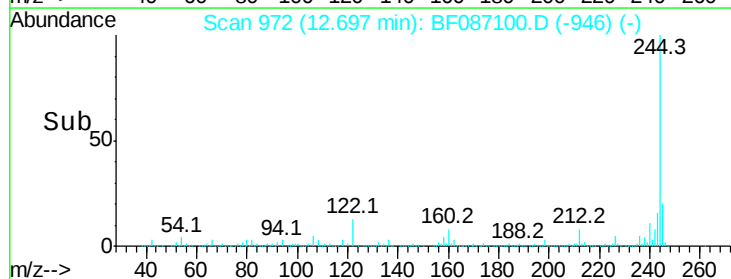
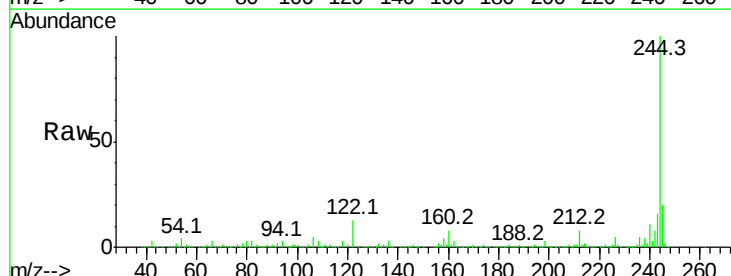
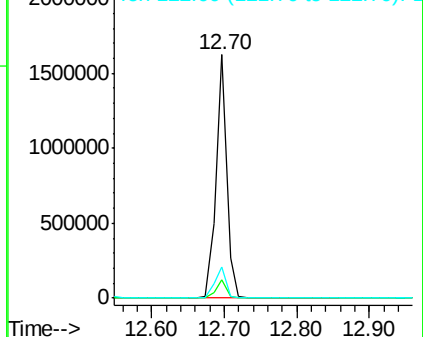
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.9	12.0	18.0

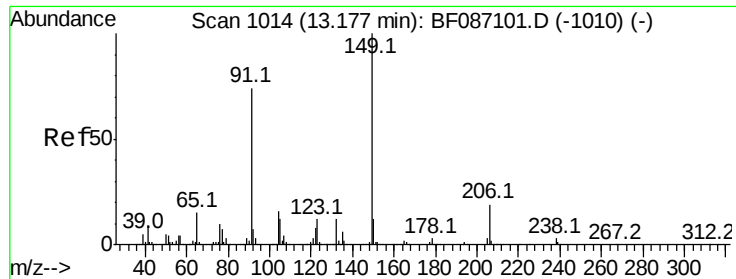
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





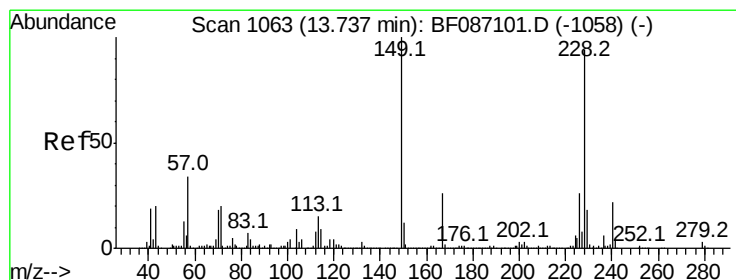
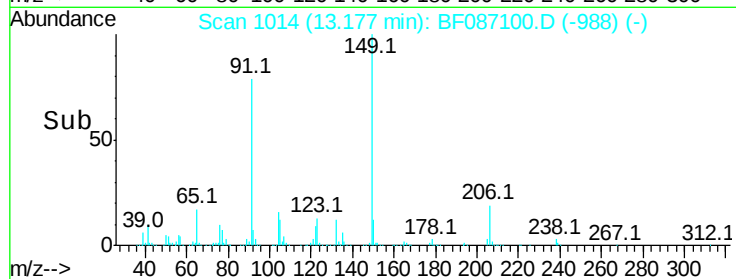
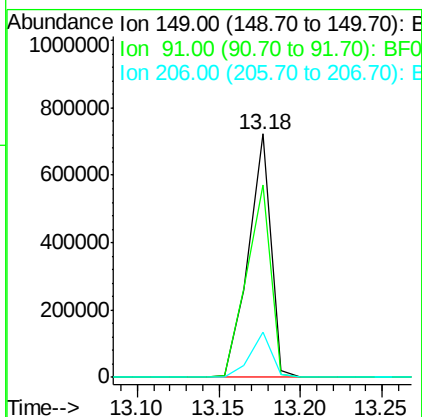
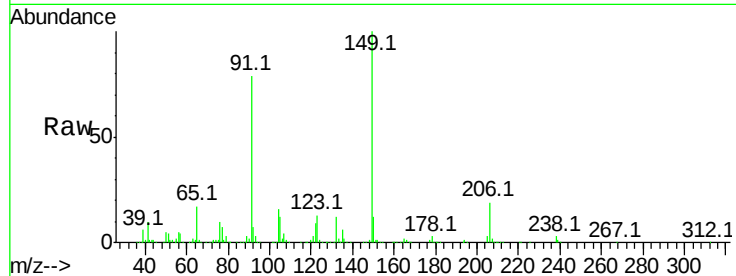
#79
Butylbenzylphthalate
Concen: 51.28 ng
RT: 13.18 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	694696		
91	78.9	48.0	72.0#	
206	18.6	15.8	23.6	

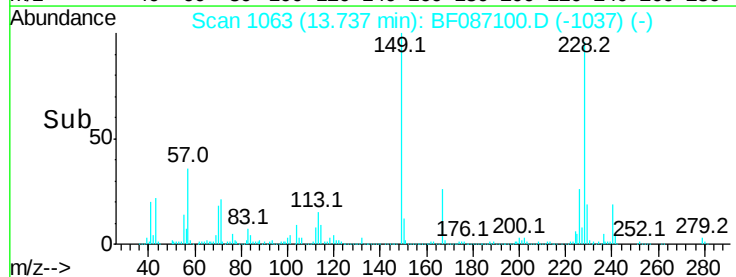
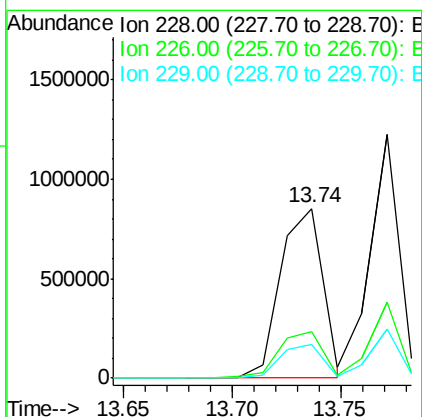
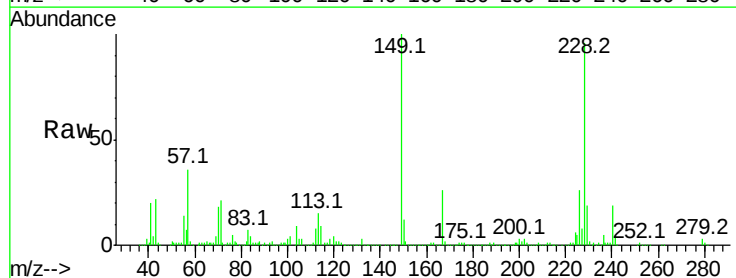
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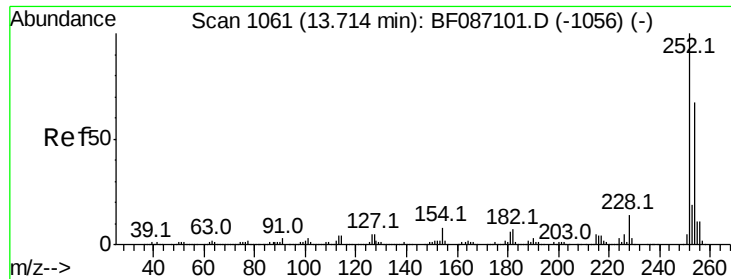
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#80
Benzo(a)anthracene
Concen: 49.53 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1163151		
226	27.4	22.5	33.7	
229	19.9	16.6	25.0	





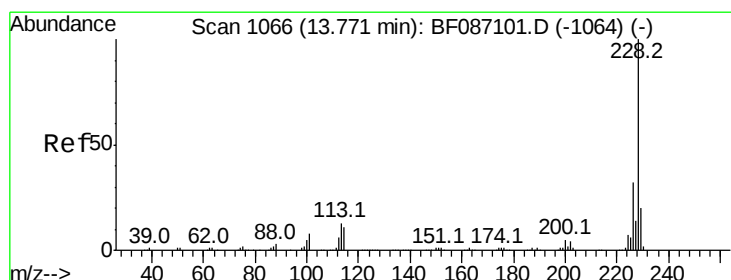
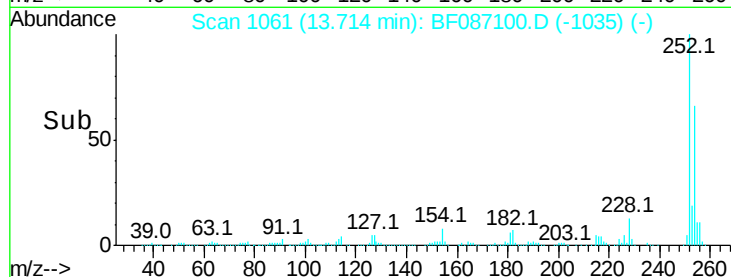
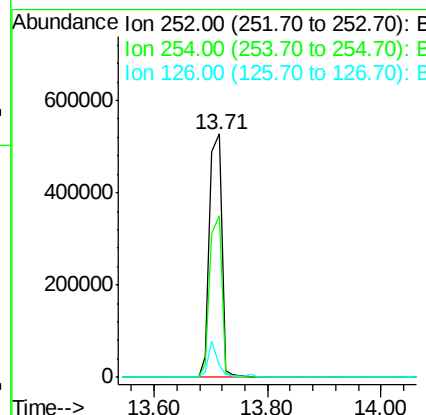
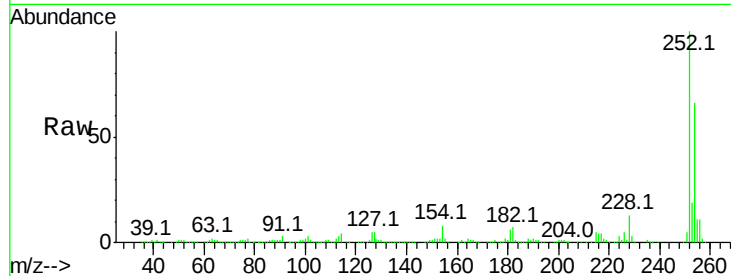
#81
 3,3'-Dichlorobenzidine
 Concen: 50.61 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	755128		
254	66.4	50.7	76.1	
126	5.0	12.7	19.1	

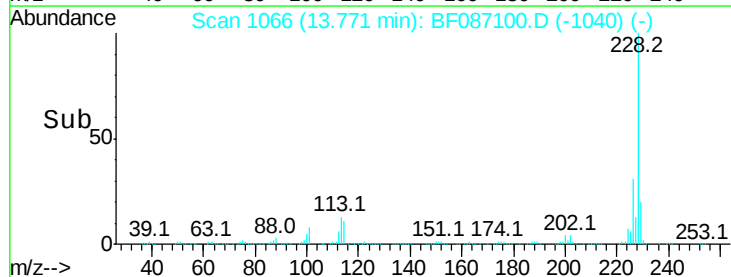
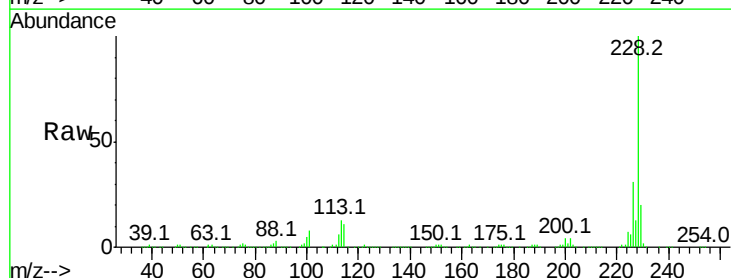
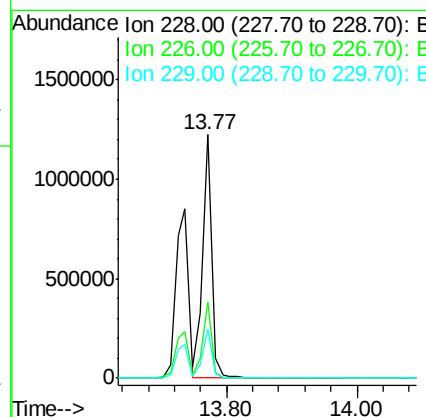
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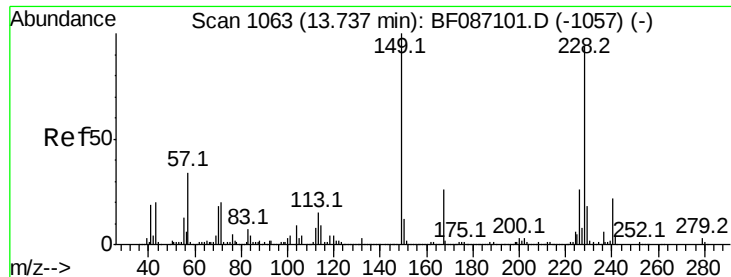
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#82
 Chrysene
 Concen: 48.63 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1161645		
226	31.3	24.4	36.6	
229	20.0	15.8	23.8	





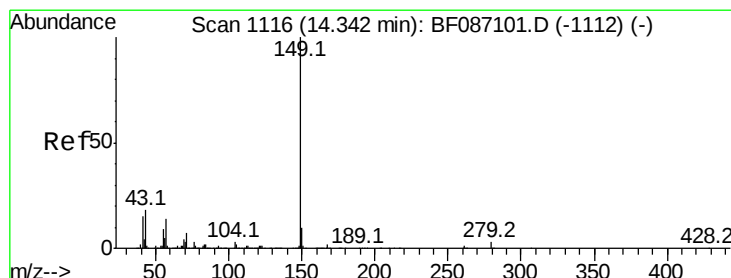
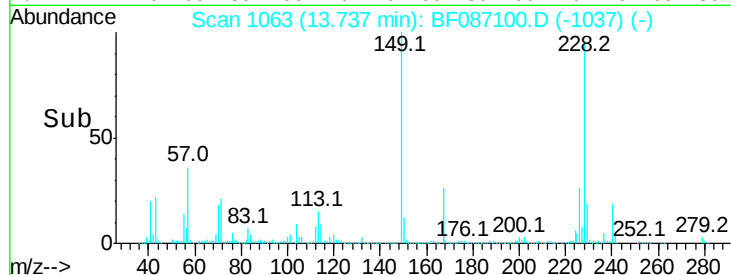
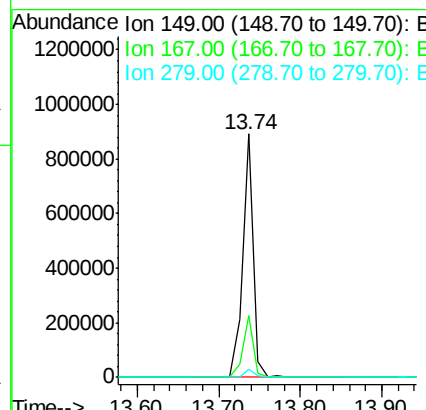
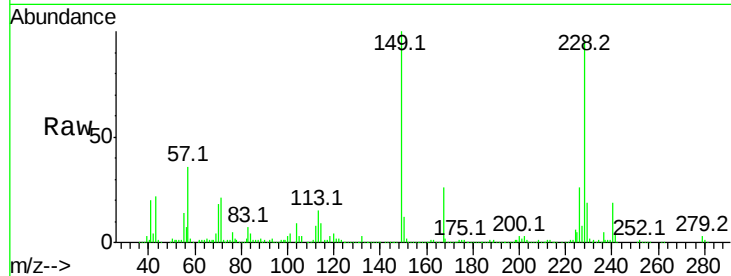
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.58 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.6	21.8	32.6	
279	3.1	2.6	4.0	

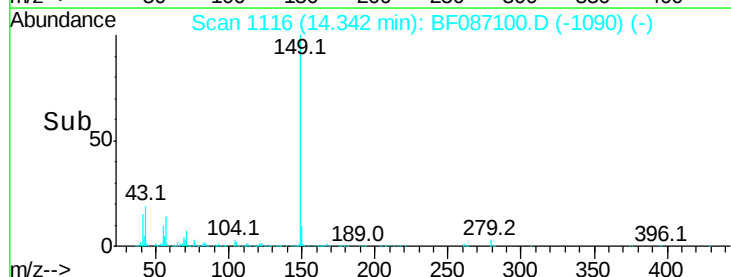
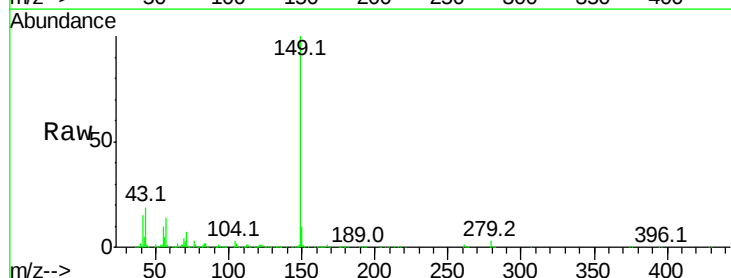
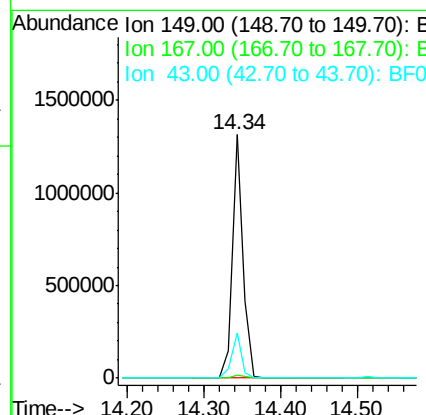
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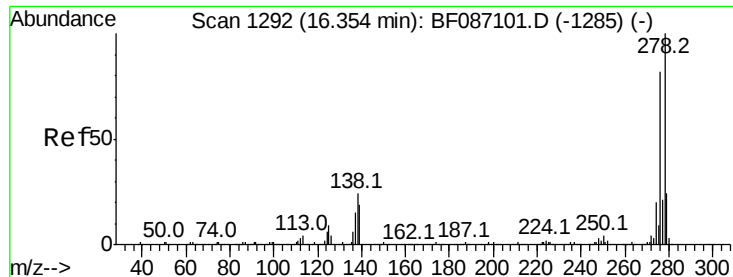
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#84
 Di-n-octyl phthalate
 Concen: 48.29 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	17.2	8.2	12.4	





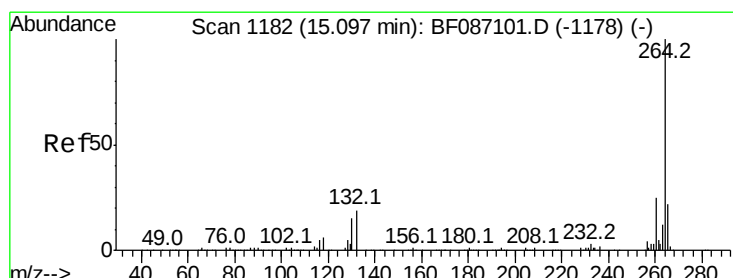
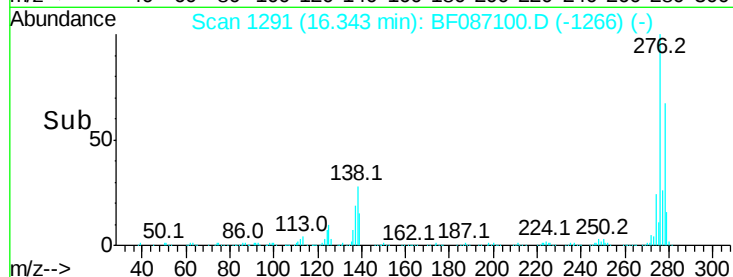
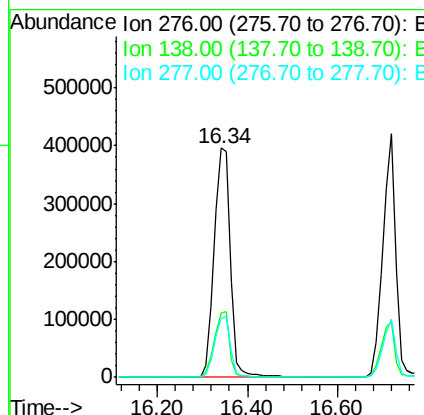
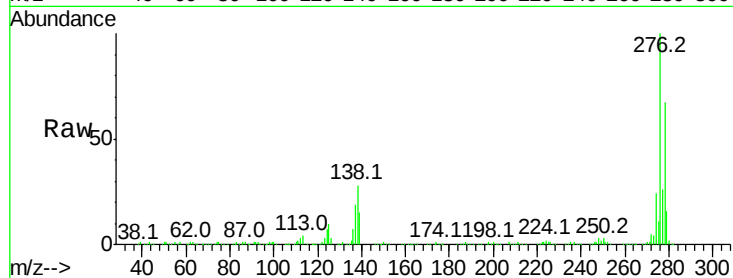
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.57 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.7	20.5	30.7

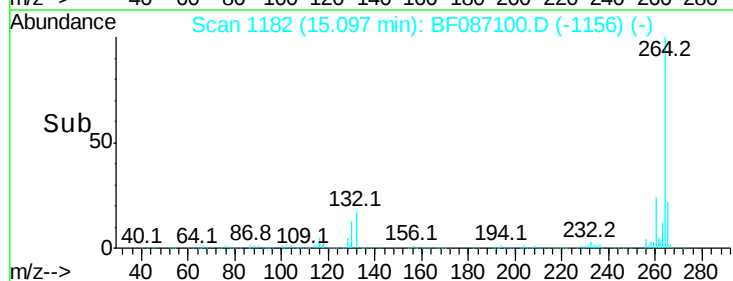
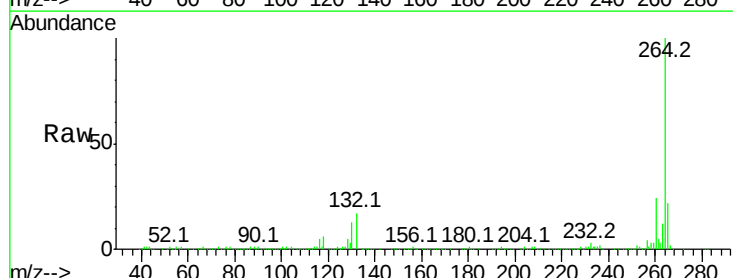
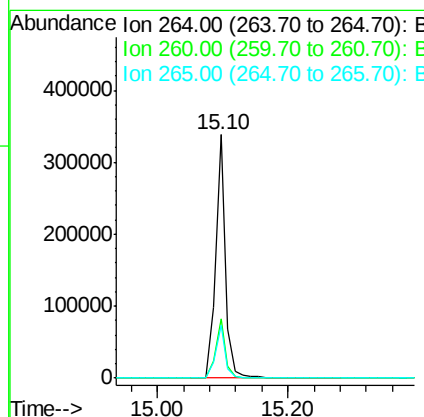
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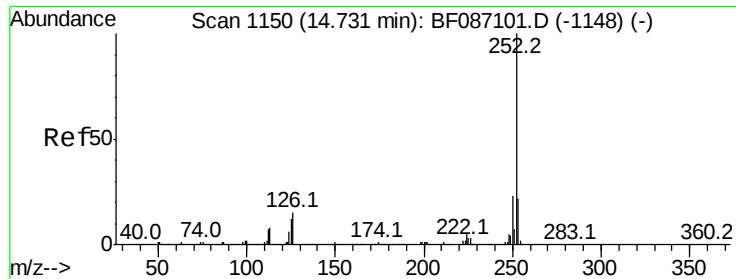
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.14 ng m

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:252 Resp: 1019481

Ion Ratio Lower Upper

252 100

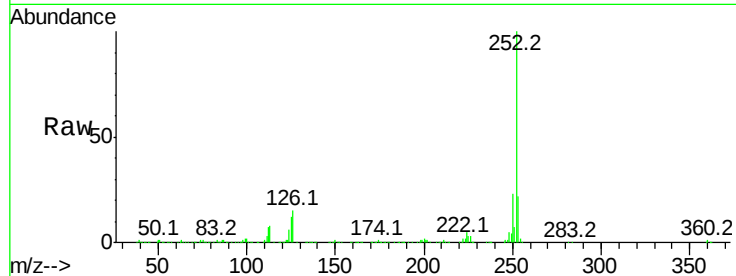
253 22.4 17.8 26.6

125 11.7 11.4 17.0

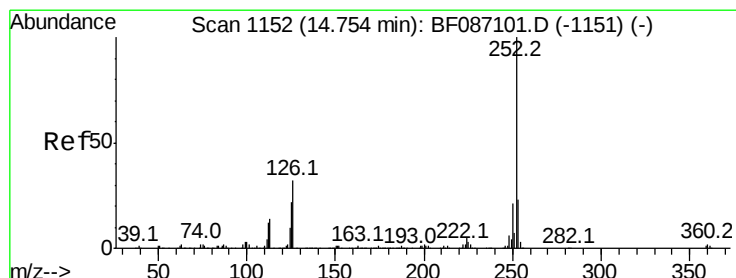
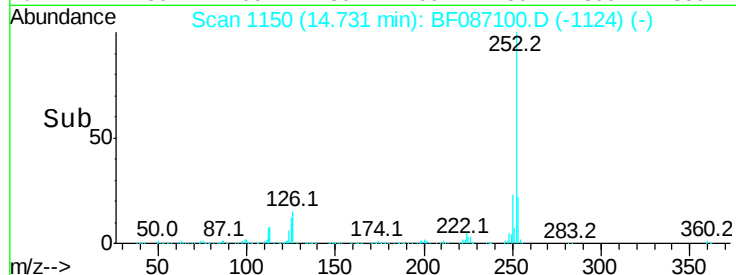
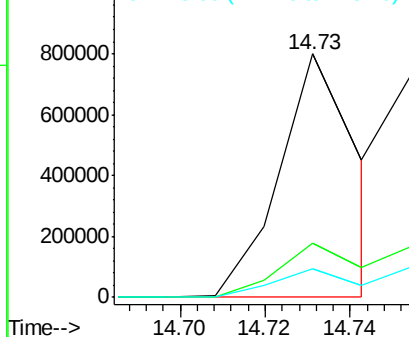
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.21 ng m

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

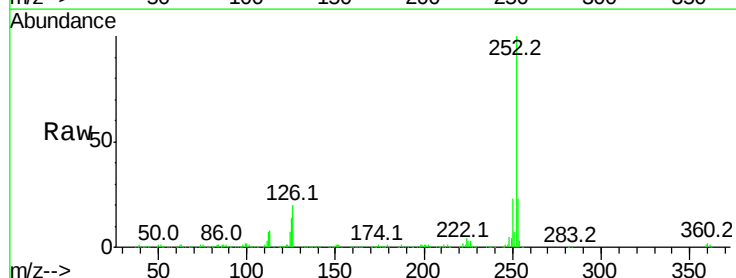
Tgt Ion:252 Resp: 1029779

Ion Ratio Lower Upper

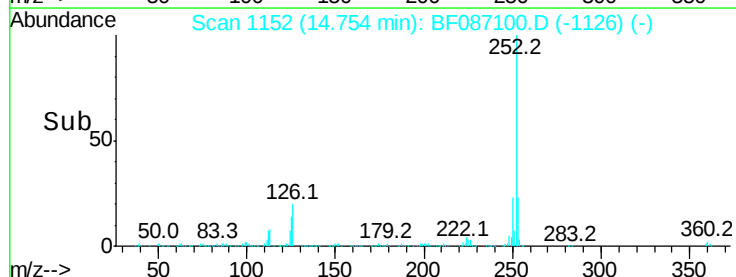
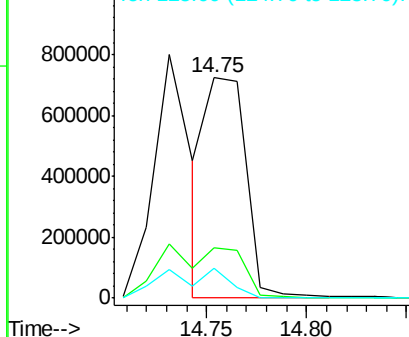
252 100

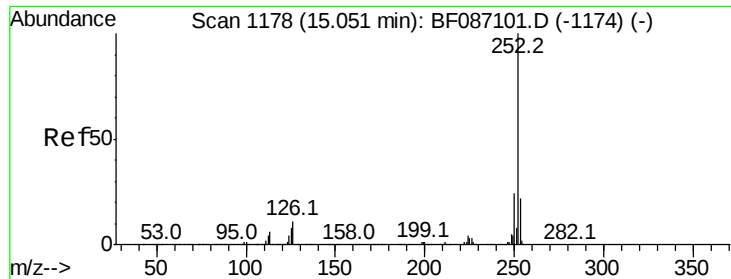
253 22.7 17.8 26.6

125 13.7 9.1 13.7#



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





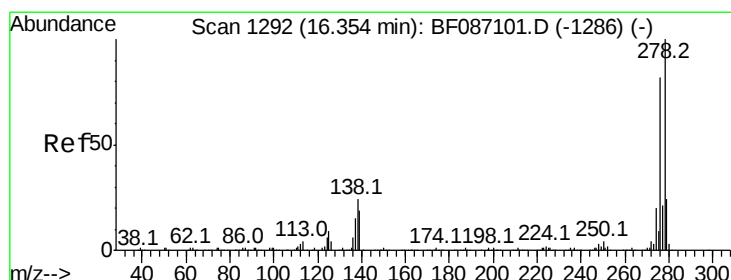
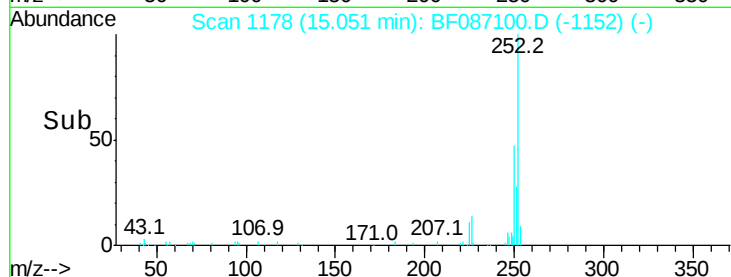
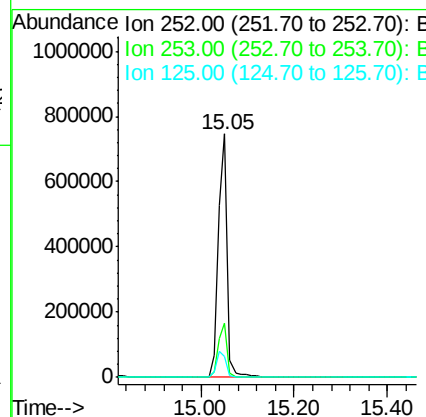
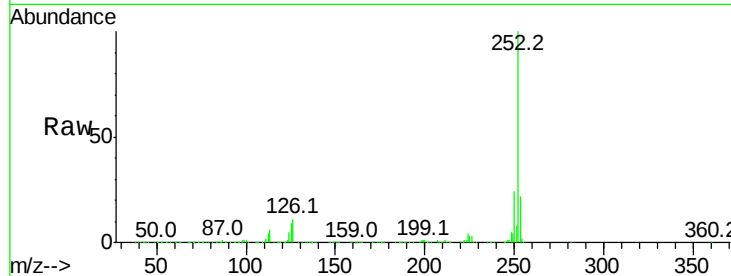
#89
Benzo(a)pyrene
Concen: 48.36 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.7	9.0	13.6

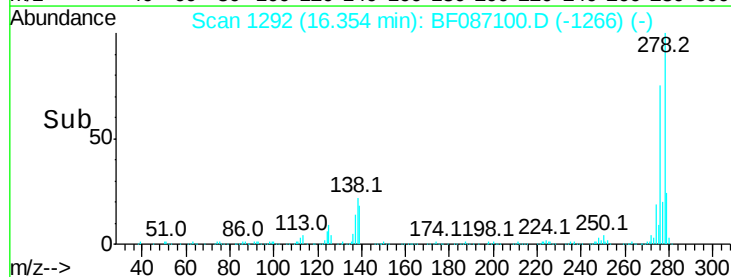
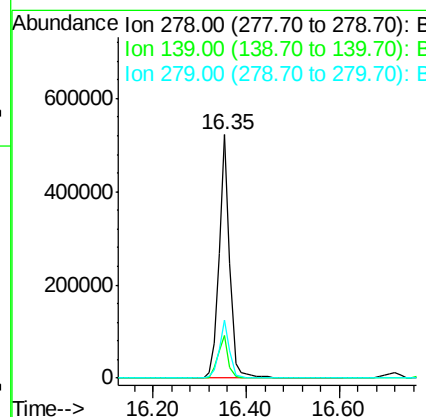
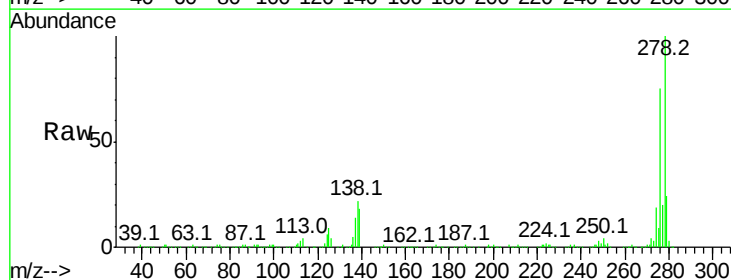
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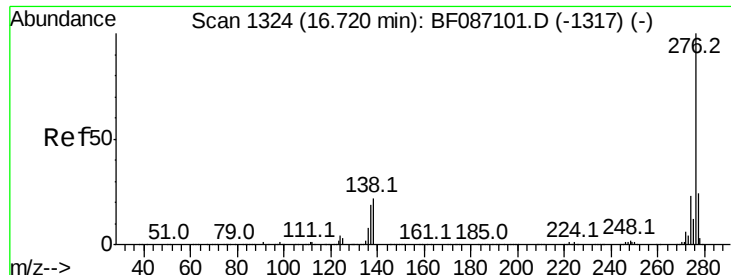
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#90
Dibenzo(a,h)anthracene
Concen: 48.26 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.6	24.8
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.78 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.6	29.4
138	22.6	23.6	35.4

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