

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087163.D
 Acq On : 19 May 2016 00:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 5/19/2016 7:06:17 PM

Quant Time: May 19 04:47:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	121701	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	506820	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	230267	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	378019	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	269738	20.00	ng	-0.01
86) Perylene-d12	15.06	264	289173	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	601137	83.02	ng	-0.01
7) Phenol-d6	6.25	99	750514	77.29	ng	0.00
23) Nitrobenzene-d5	7.15	82	773559	76.07	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	178039	69.97	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1103094	79.34	ng	0.00
78) Terphenyl-d14	12.67	244	987066	82.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	140618	37.75	ng	# 75
3) Pyridine	2.63	79	317308	35.22	ng	# 67
4) n-Nitrosodimethylamine	2.58	42	253885	39.76	ng	# 50
6) Aniline	6.24	93	465691	37.75	ng	96
8) 2-Chlorophenol	6.36	128	348476	39.56	ng	83
9) Benzaldehyde	6.12	77	188502	34.86	ng	99
10) Phenol	6.26	94	480421	39.35	ng	82
11) bis(2-Chloroethyl)ether	6.32	93	361421	39.43	ng	# 81
12) 1,3-Dichlorobenzene	6.51	146	361862m	38.64	ng	
13) 1,4-Dichlorobenzene	6.59	146	380614m	39.72	ng	
14) 1,2-Dichlorobenzene	6.75	146	340491	40.59	ng	97
15) Benzyl Alcohol	6.74	79	278133	38.47	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	719047	38.16	ng	59
17) 2-Methylphenol	6.87	107	270790	37.43	ng	# 77
18) Hexachloroethane	7.08	117	135408	36.97	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	288815	39.12	ng	# 77
20) 3+4-Methylphenols	7.03	107	367244	38.48	ng	# 61
22) Acetophenone	7.00	105	503982	40.63	ng	# 99
24) Nitrobenzene	7.18	77	423848	38.17	ng	98
25) Isophorone	7.42	82	693773	37.27	ng	98
26) 2-Nitrophenol	7.50	139	182866	39.76	ng	# 91
27) 2,4-Dimethylphenol	7.55	122	315253	40.16	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	383704	37.55	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	272018	39.33	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	308922	40.25	ng	99
31) Naphthalene	7.88	128	946682	38.23	ng	99
32) Benzoic acid	7.71	122	209326	44.74	ng	89
33) 4-Chloroaniline	7.95	127	372238	36.17	ng	# 89
34) Hexachlorobutadiene	8.01	225	179541	41.22	ng	98
35) Caprolactam	8.34	113	91344	39.66	ng	# 56
36) 4-Chloro-3-methylphenol	8.46	107	314581	37.70	ng	90
37) 2-Methylnaphthalene	8.58	142	612635	38.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	274536	40.82	ng	99
40) Hexachlorocyclopentadiene	8.73	237	20685	15.03	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	171997	39.43	nq	97
43) 2,4,5-Trichlorophenol	8.92	196	177457	39.17	nq	96
45) 1,1'-Biphenyl	9.05	154	808029	42.32	nq	99
46) 2-Chloronaphthalene	9.07	162	581975	39.70	nq	97
47) 2-Nitroaniline	9.18	65	213014	37.92	nq	# 71
48) Acenaphthylene	9.47	152	834088	37.27	nq	98
49) Dimethylphthalate	9.36	163	718506	40.90	nq	100
50) 2,6-Dinitrotoluene	9.43	165	143688	37.67	nq	# 66
51) Acenaphthene	9.64	154	505282	36.13	nq	98
52) 3-Nitroaniline	9.59	138	153322	37.13	nq	# 71
53) 2,4-Dinitrophenol	9.71	184	19403	13.09	nq	# 82
54) Dibenzofuran	9.82	168	675979	37.38	nq	91
55) 4-Nitrophenol	9.79	139	79762m	40.08	nq	
56) 2,4-Dinitrotoluene	9.83	165	192047	39.31	nq	94
57) Fluorene	10.16	166	527786	36.33	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	134998	38.25	nq	95
59) Diethylphthalate	10.04	149	656695	39.16	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	287612	41.76	nq	89
61) 4-Nitroaniline	10.20	138	165449	40.58	nq	# 74
62) Azobenzene	10.32	77	747645	38.69	nq	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	40101	16.11	nq	87
65) n-Nitrosodiphenylamine	10.28	169	537956	45.22	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	161148	41.45	nq	91
67) Hexachlorobenzene	10.71	284	190692	42.31	nq	# 87
68) Atrazine	10.81	200	134339	34.62	nq	95
69) Pentachlorophenol	10.91	266	71112	42.00	nq	96
70) Phenanthrene	11.12	178	825671	40.27	nq	98
71) Anthracene	11.16	178	812837	39.20	nq	99
72) Carbazole	11.34	167	723363	38.19	nq	98
73) Di-n-butylphthalate	11.67	149	987820	45.40	nq	99
74) Fluoranthene	12.30	202	778695	37.91	nq	93
76) Benzidine	12.43	184	320515	43.49	nq	97
77) Pyrene	12.53	202	758336	38.92	nq	99
79) Butylbenzylphthalate	13.15	149	373916	45.45	nq	94
80) Benzo(a)anthracene	13.70	228	609970	39.11	nq	100
81) 3,3'-Dichlorobenzidine	13.68	252	481858	48.55	nq	98
82) Chrysene	13.75	228	634565	42.05	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	475602	47.50	nq	98
84) Di-n-octyl phthalate	14.32	149	835171	48.42	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.30	276	580959	43.86	nq	95
87) Benzo(b)fluoranthene	14.71	252	722484m	37.66	nq	
88) Benzo(k)fluoranthene	14.73	252	564403m	39.52	nq	
89) Benzo(a)pyrene	15.02	252	607146	37.86	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	492889	36.51	nq	# 93
91) Benzo(g,h,i)perylene	16.66	276	461775	33.86	nq	# 92

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

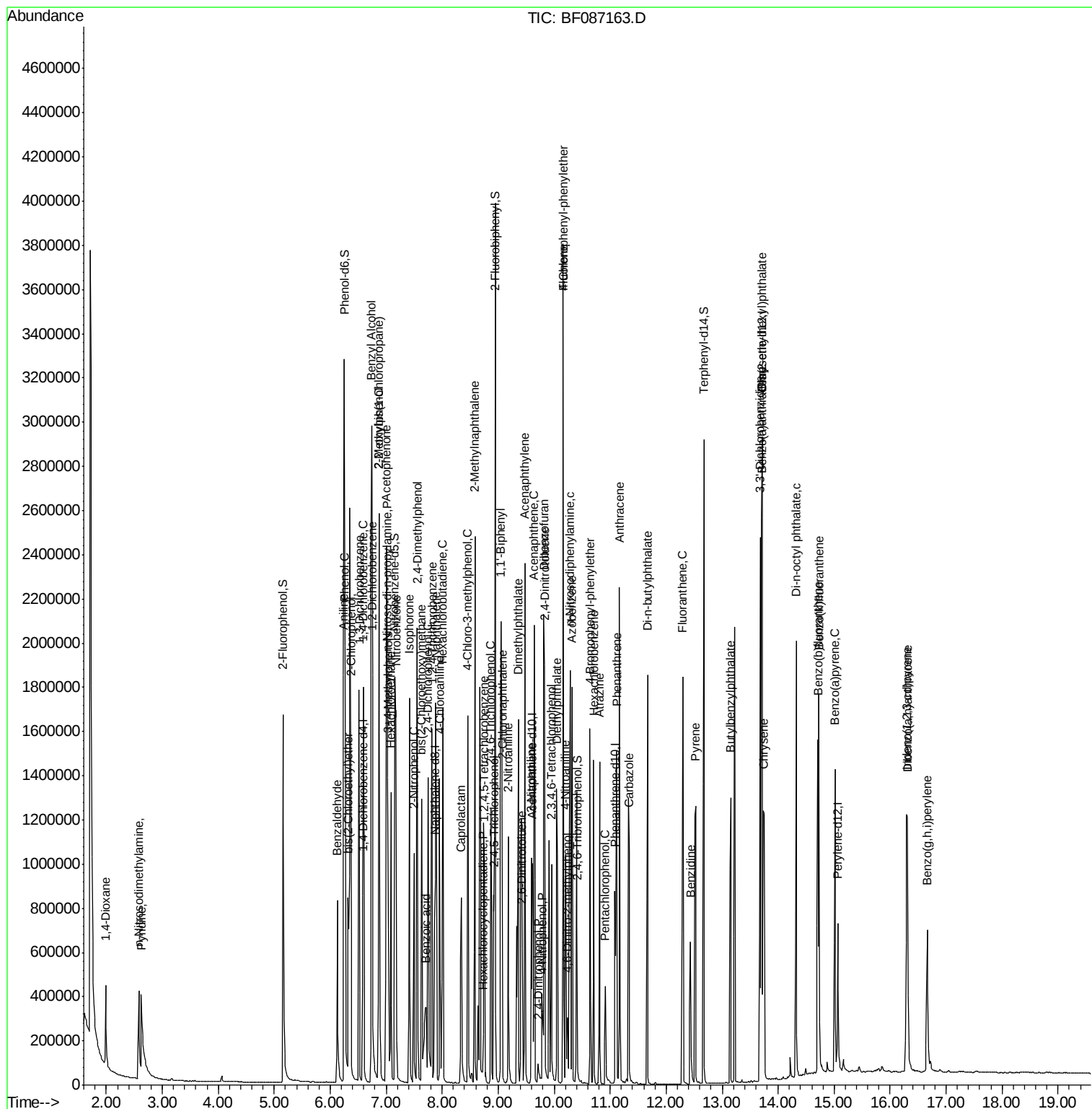
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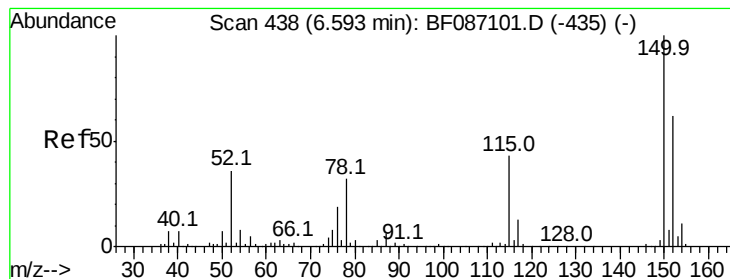
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

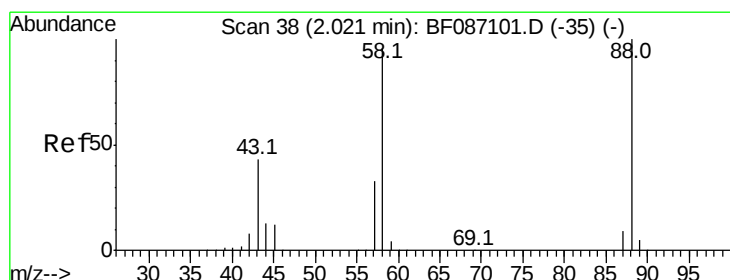
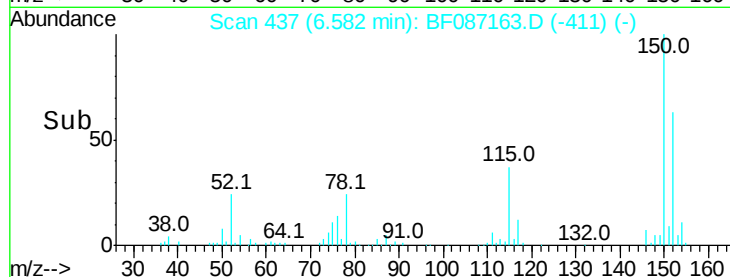
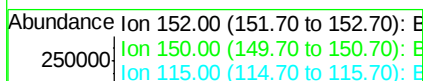
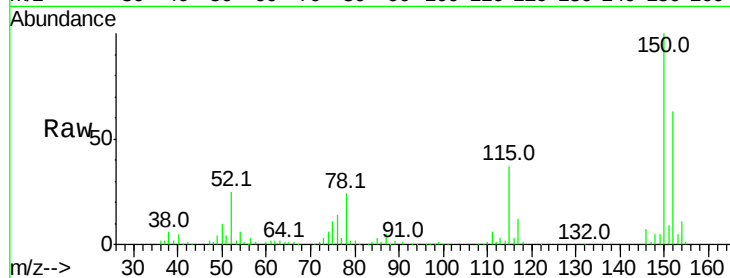
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	121701
Ion Ratio	Lower	Upper	
152	100		
150	157.6	125.8	188.6
115	58.8	51.5	77.3

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#2

1,4-Dioxane

Concen: 37.75 ng

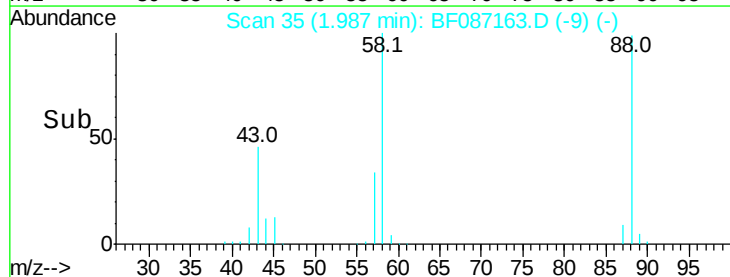
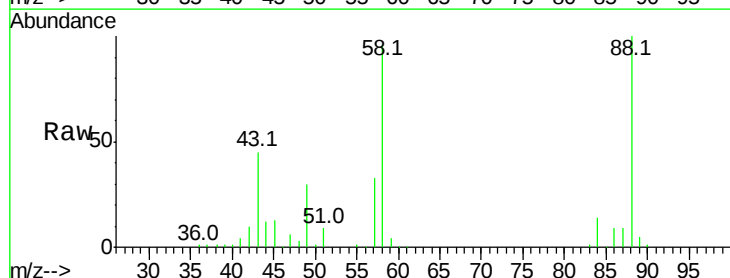
RT: 1.99 min Scan# 35

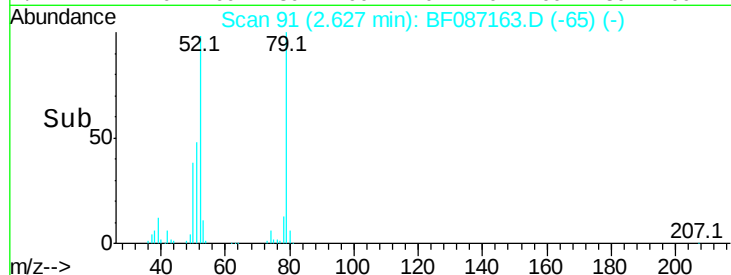
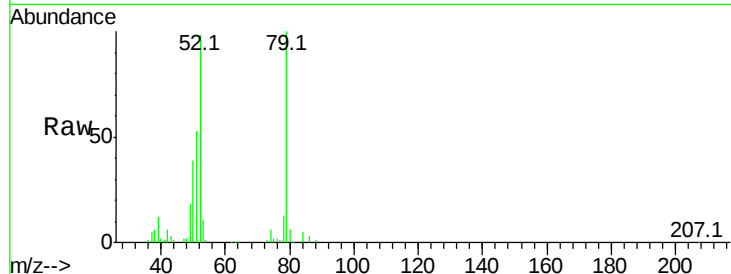
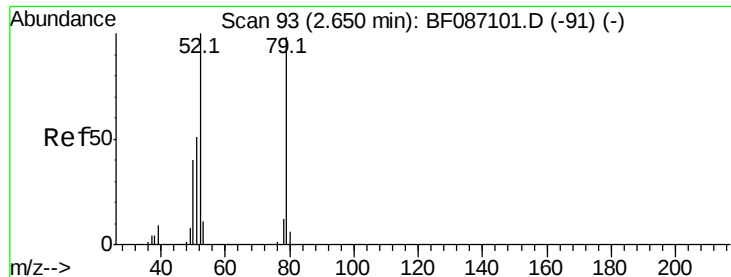
Delta R.T. 0.00 min

Lab File: BF087163.D

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Tgt Ion:	88	Resp:	140618
Ion Ratio	Lower	Upper	
88	100		
58	94.3	59.6	89.4#
43	42.4	21.8	32.6#





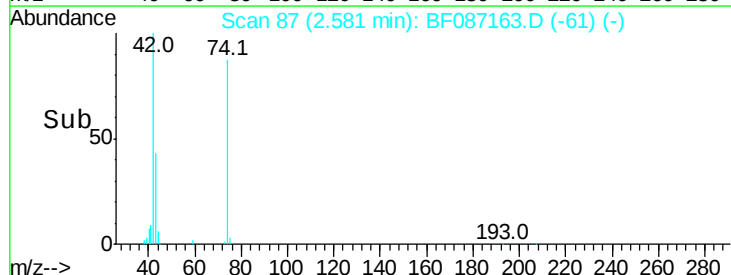
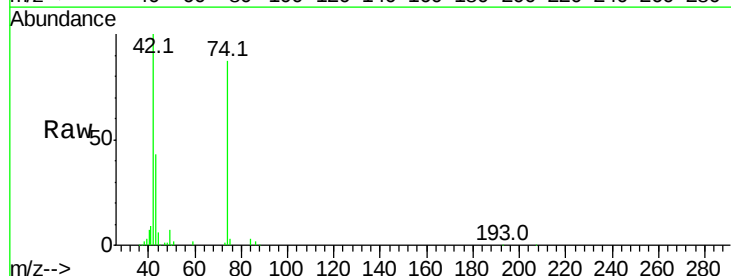
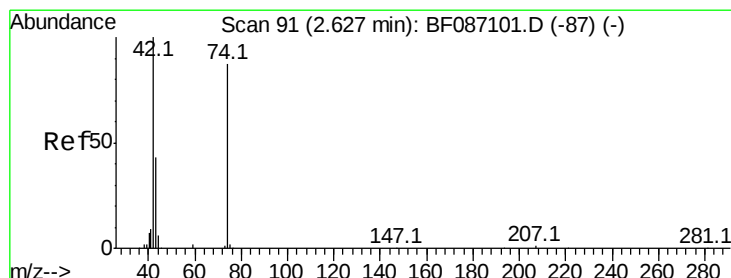
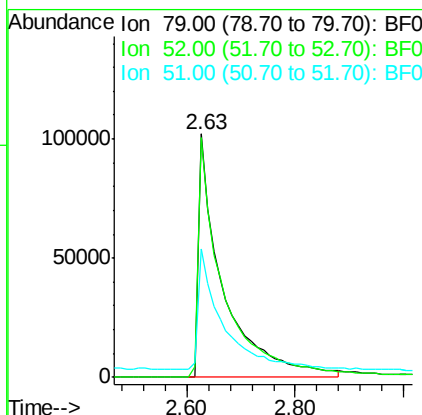
#3
 Pvridine
 Concen: 35.22 ng
 RT: 2.63 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.2	55.9	83.9#
51	52.5	28.1	42.1#

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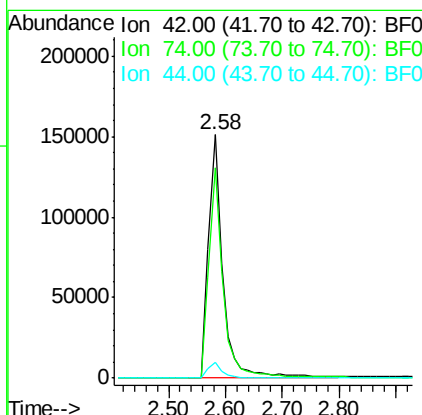
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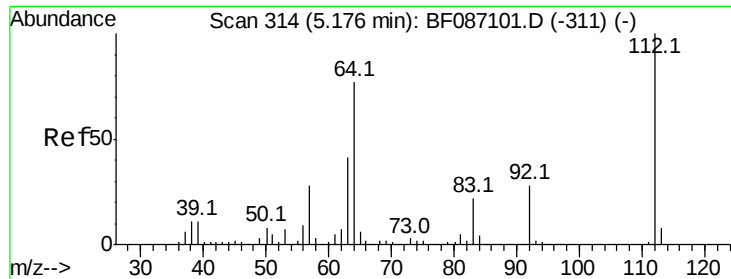
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#4
 n-Nitrosodimethylamine
 Concen: 39.76 ng
 RT: 2.58 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.6	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 83.02 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

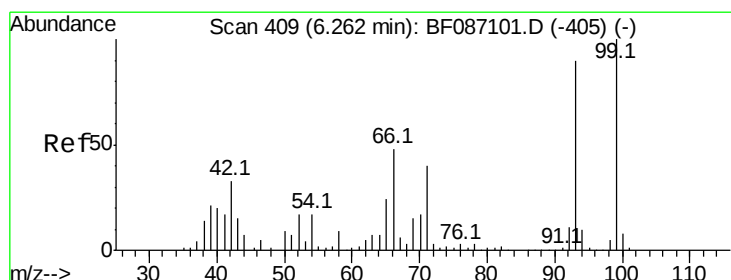
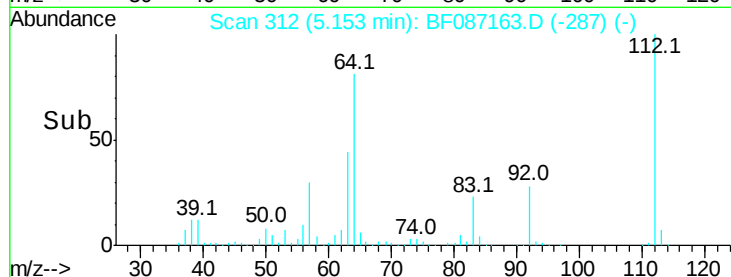
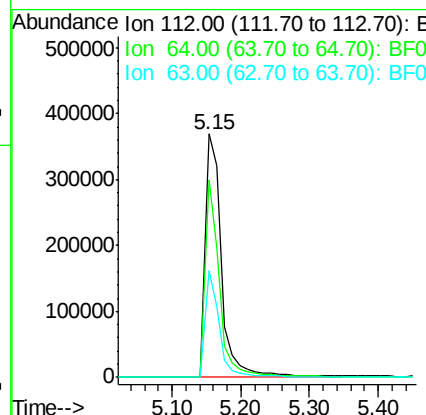
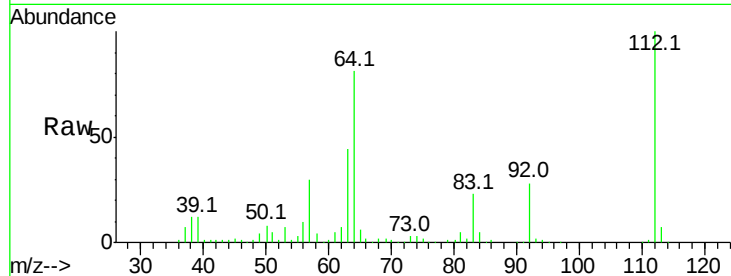
ClientSampleId :

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Tot Ion:	112	Resp:	601137
Ion Ratio	Lower	Upper	
112	100		
64	81.0	52.1	78.1#
63	43.9	25.7	38.5#

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#6

Aniline

Concen: 37.75 ng

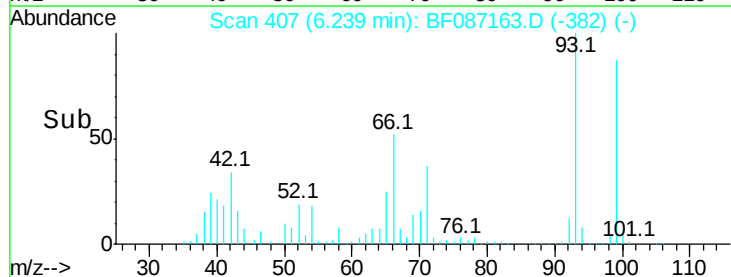
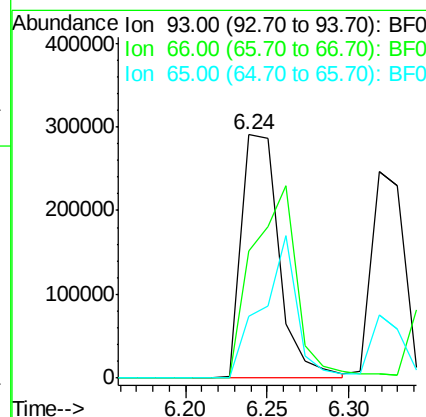
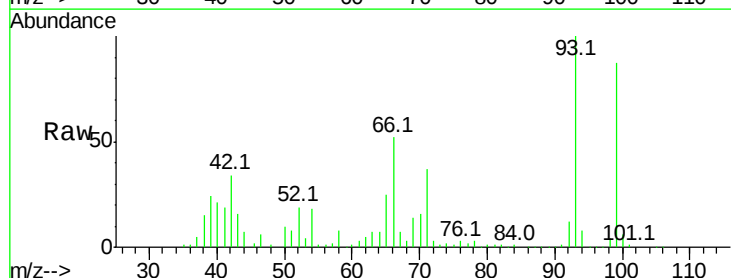
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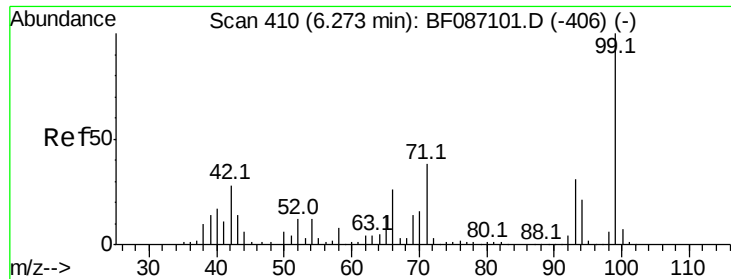
Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	93	Resp:	465691
Ion Ratio	Lower	Upper	
93	100		
66	52.3	39.0	58.6
65	25.5	20.6	31.0





#7

Phenol-d6

Concen: 77.29 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 750514

Ion Ratio Lower Upper

99 100

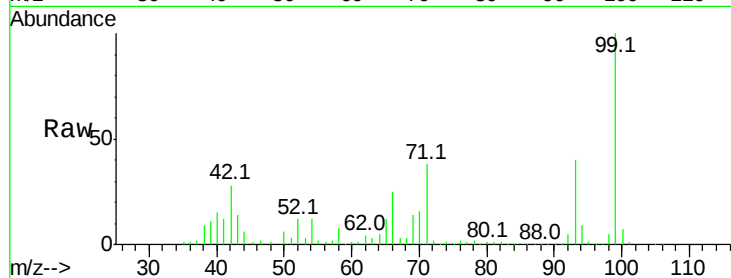
42 27.9 13.6 20.4#

71 37.5 24.6 36.8#

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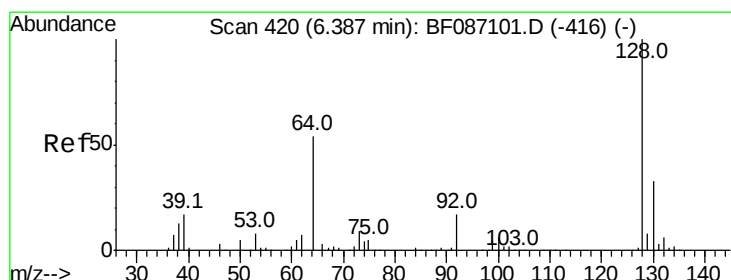
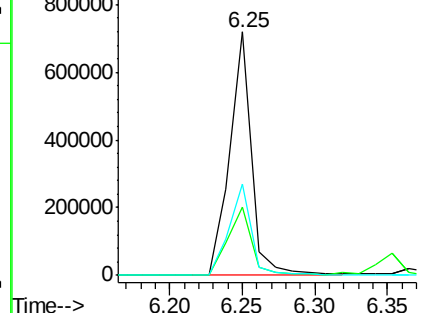
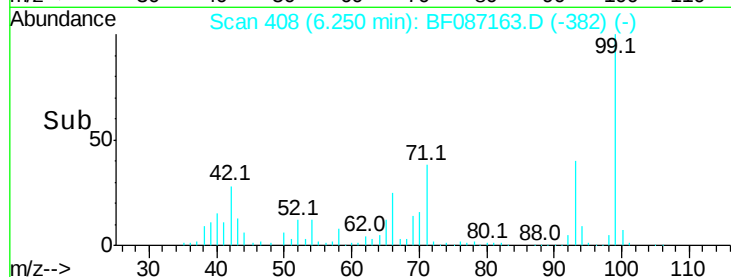
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.56 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

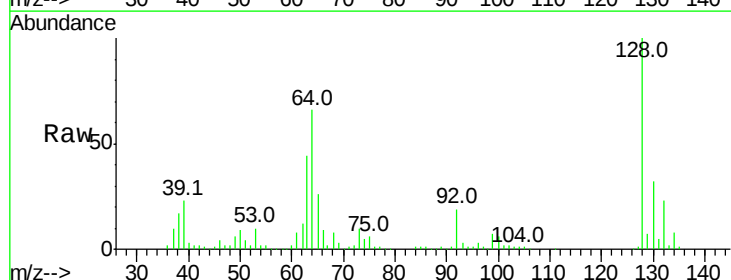
Tgt Ion: 128 Resp: 348476

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

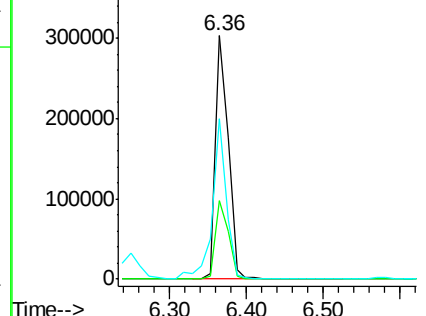
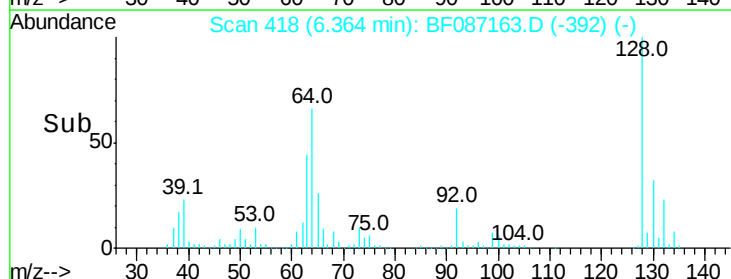
64 65.7 27.3 67.3

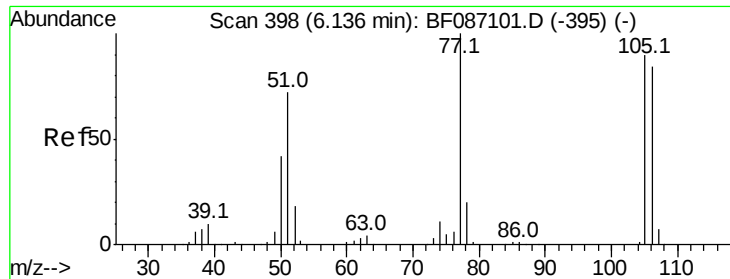


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.86 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

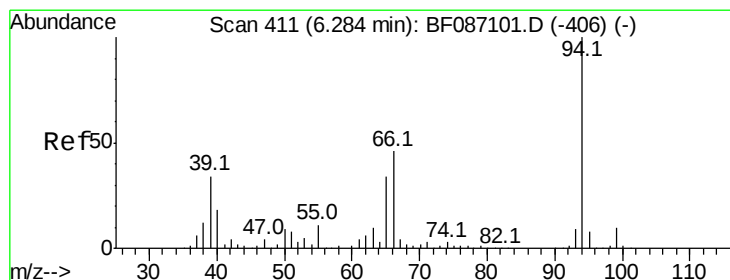
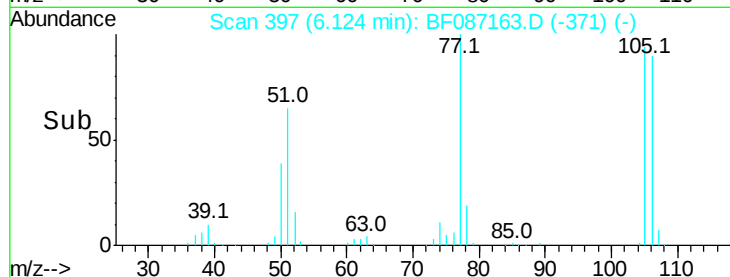
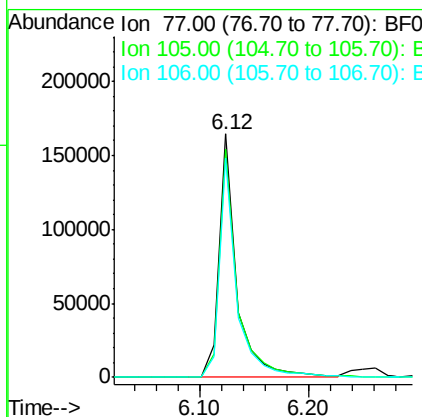
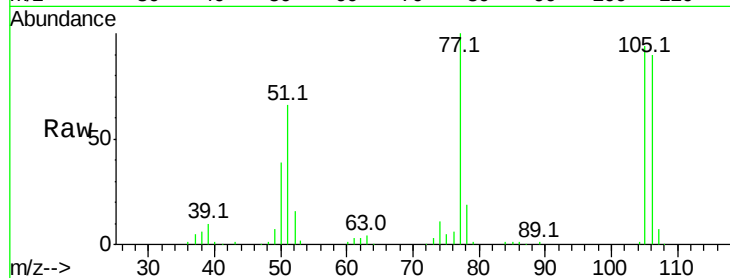
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	188502
Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.7	112.7
106	89.9	70.8	110.8

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#10

Phenol

Concen: 39.35 ng

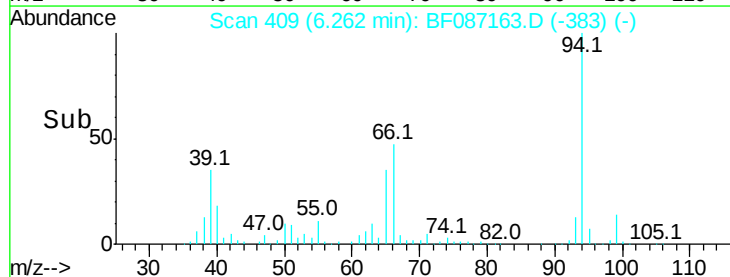
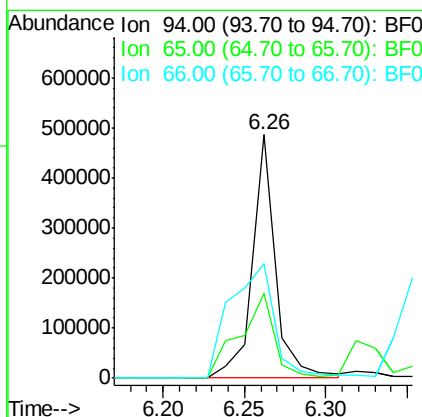
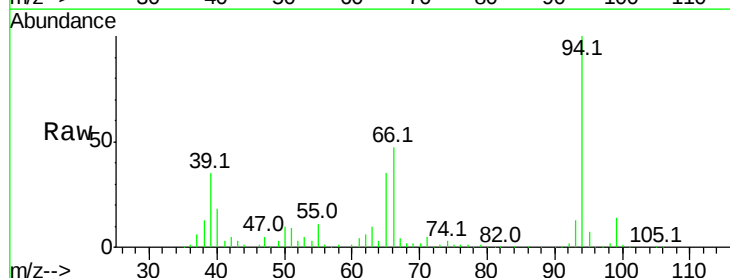
RT: 6.26 min Scan# 409

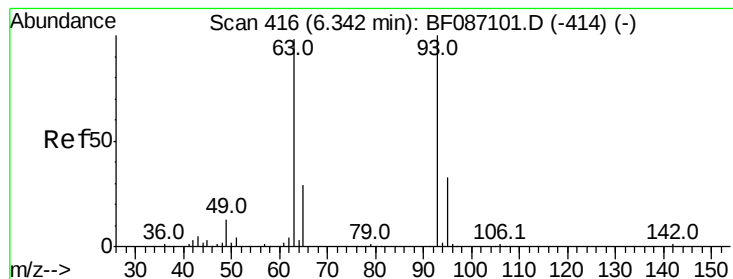
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	94	Resp:	480421
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.2	47.2
66	47.2	14.9	54.9





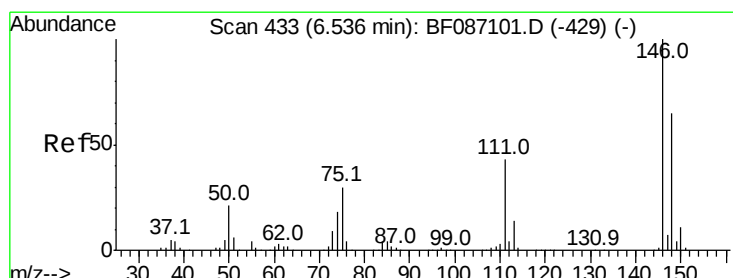
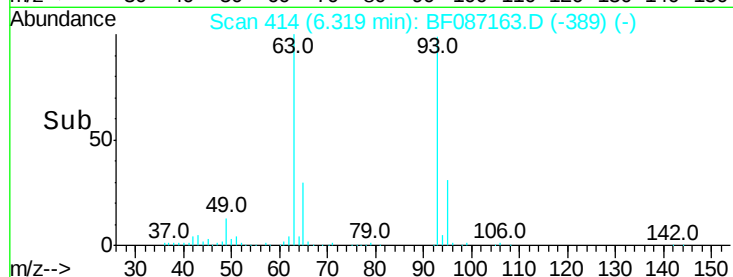
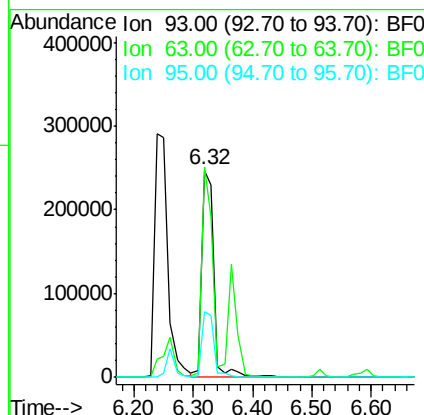
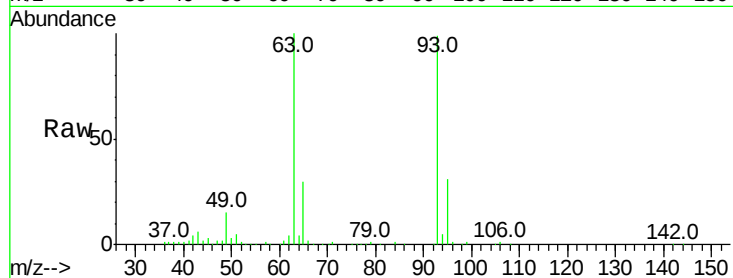
#11
bis(2-Chloroethyl)ether
Concen: 39.43 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	361421		
63	101.4	58.0	98.0#	
95	31.5	11.9	51.9	

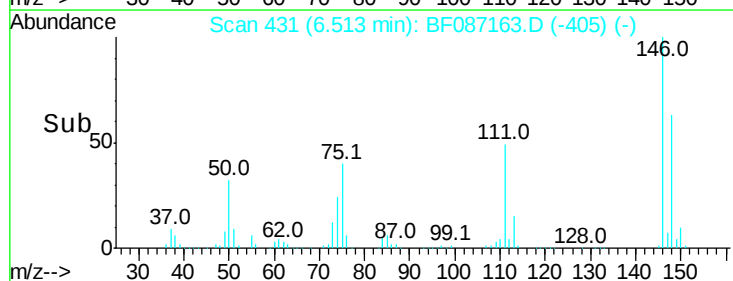
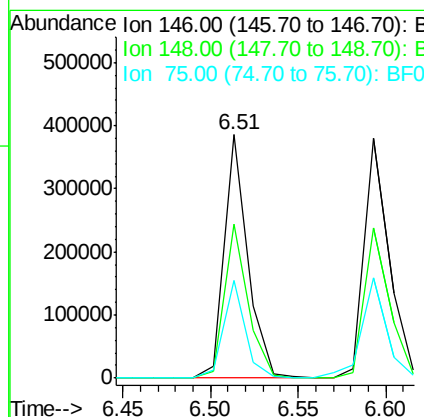
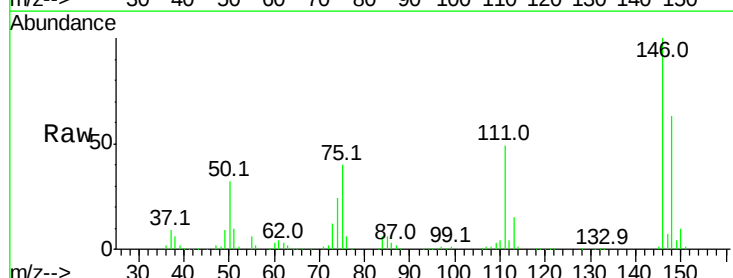
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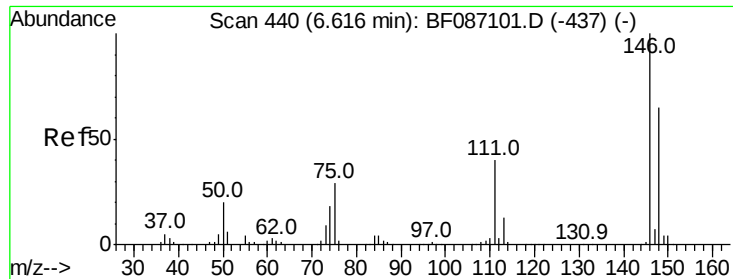
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#12
1,3-Dichlorobenzene
Concen: 38.64 ng m
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	361862		
148	63.3	52.4	78.6	
75	40.0	22.8	34.2#	





#13

1,4-Dichlorobenzene

Concen: 39.72 ng/mL

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

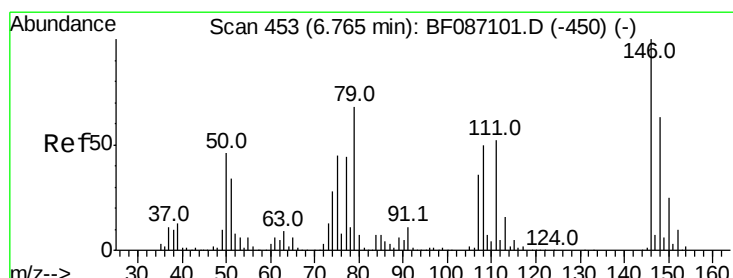
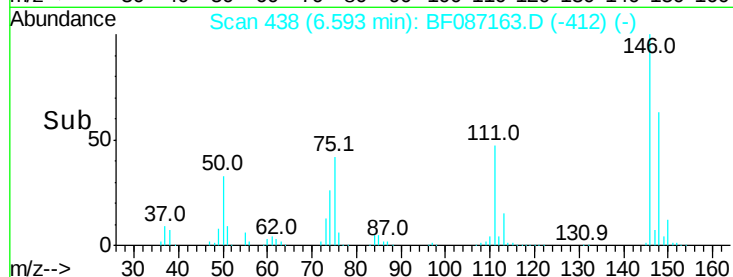
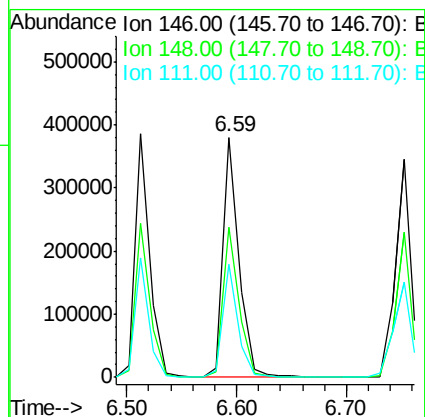
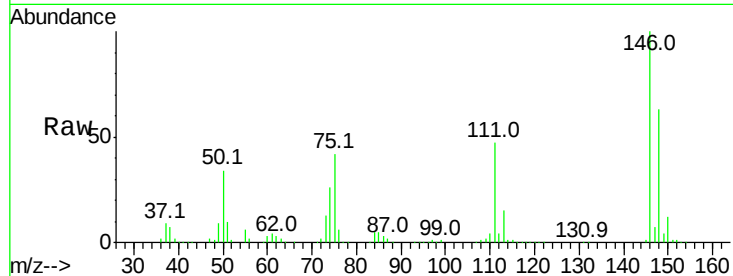
ClientSampleID :

SSTDCCC040EC

Tot Ion:	146	Resp:	380614
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.4
111	47.3	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 40.59 ng/mL

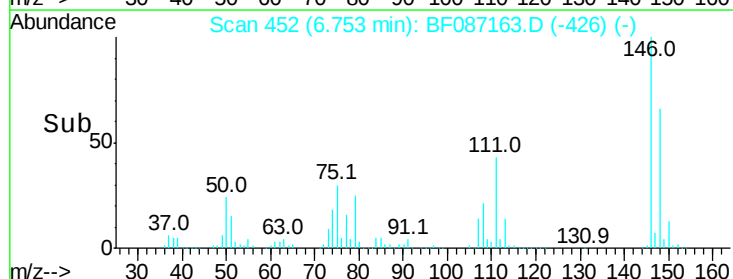
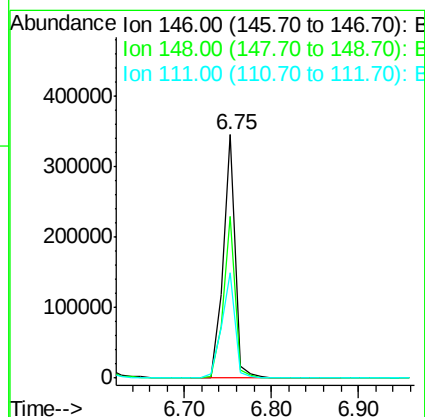
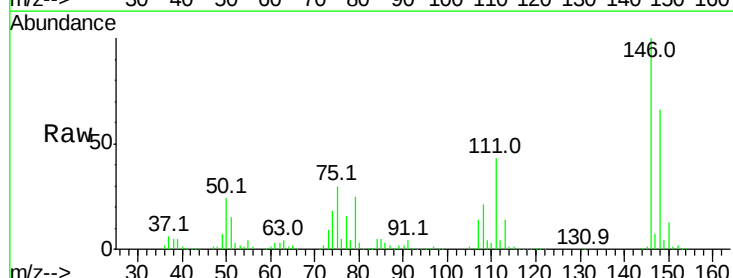
RT: 6.75 min Scan# 452

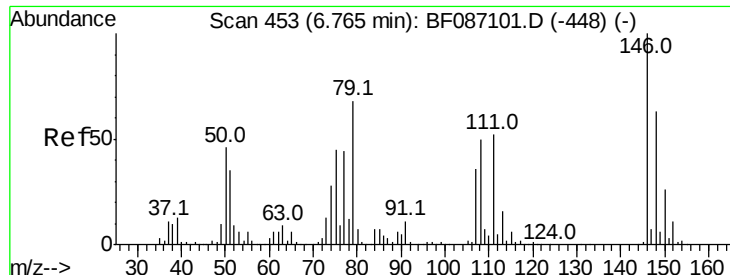
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	146	Resp:	340491
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.0	76.6
111	43.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 38.47 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

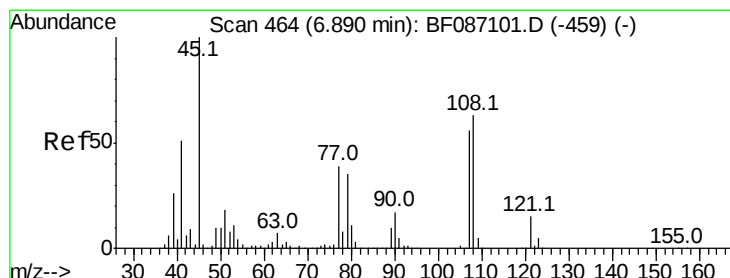
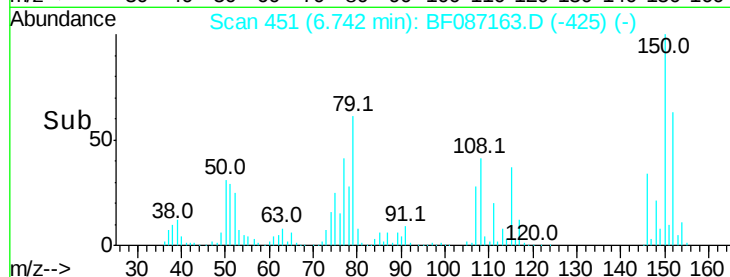
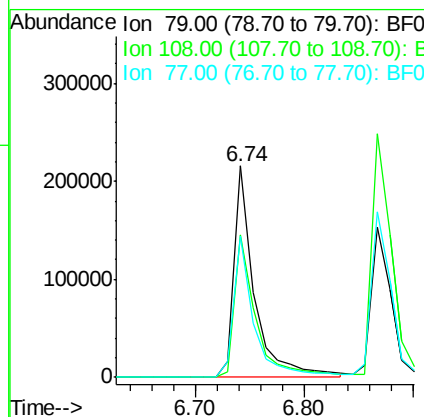
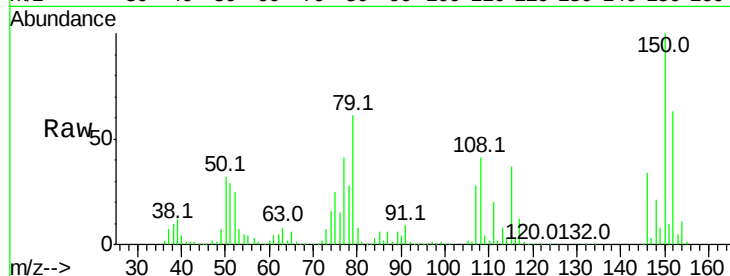
SSTDCCC040EC

Tot Ion: 79 Resp: 278133
Ion Ratio Lower Upper

79	100		
108	67.3	68.4	102.6#
77	67.0	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.16 ng

RT: 6.87 min Scan# 462

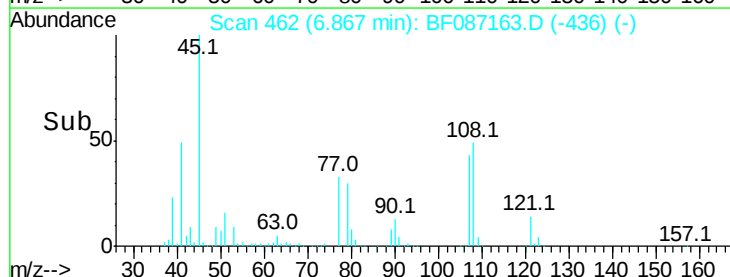
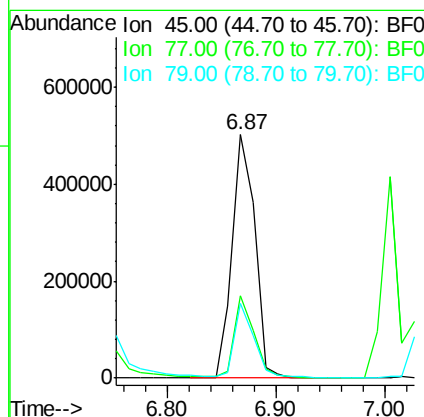
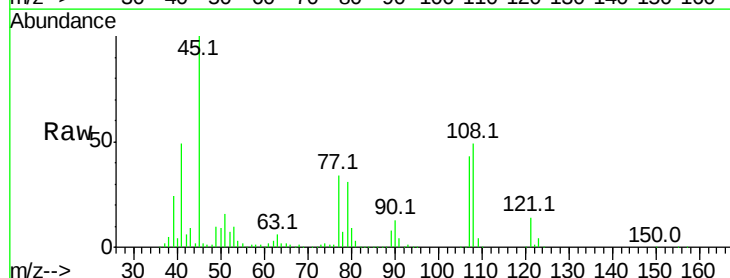
Delta R.T. 0.00 min

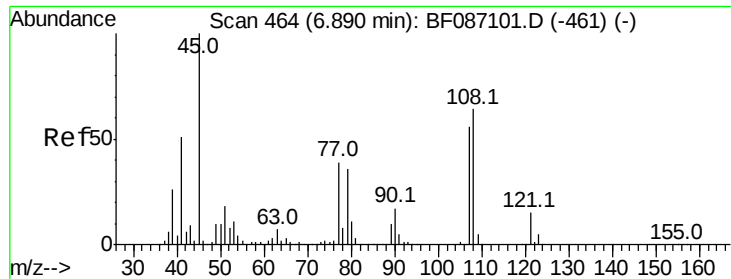
Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion: 45 Resp: 719047
Ion Ratio Lower Upper

45	100		
77	33.7	0.0	36.4
79	30.5	0.0	33.4





#17

2-Methylphenol

Concen: 37.43 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 270790

Ion Ratio Lower Upper

107 100

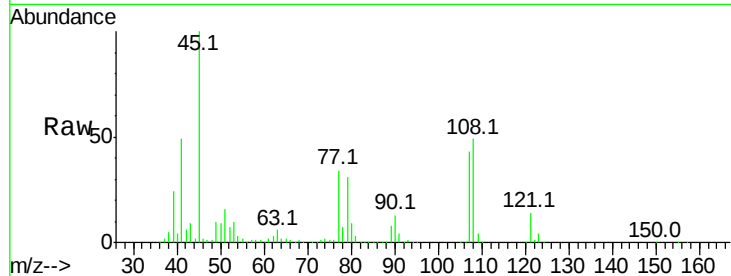
108 114.1 93.7 140.5

77 77.7 33.4 50.0#

79 70.4 34.3 51.5#

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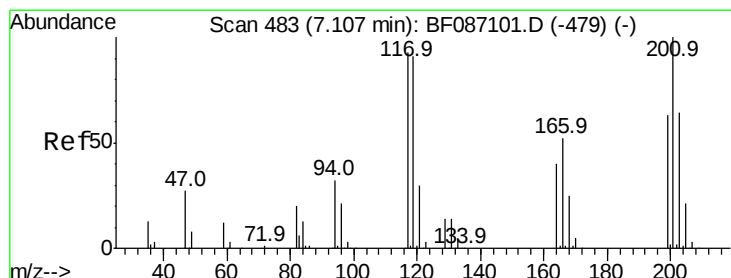
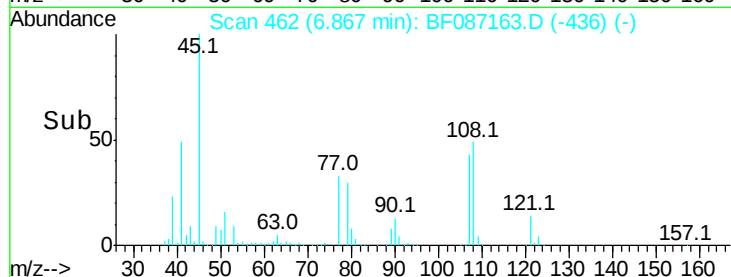
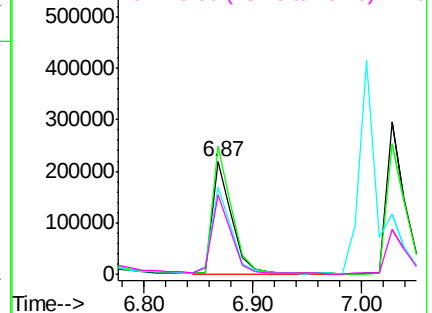
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.97 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

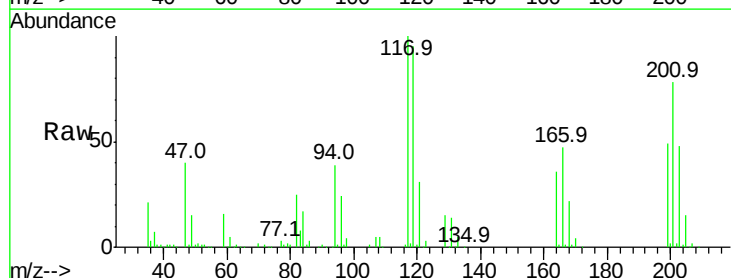
Tgt Ion:117 Resp: 135408

Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

201 78.1 63.0 94.6

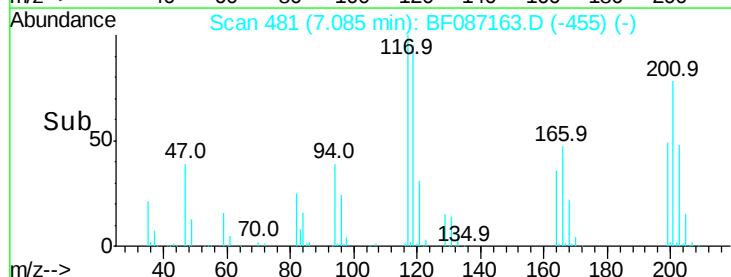
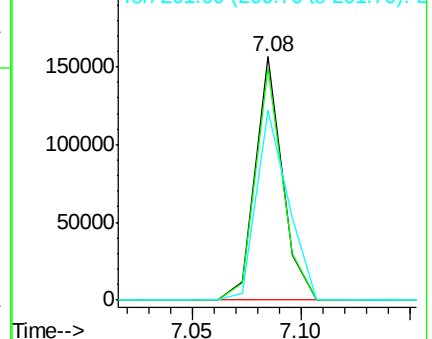


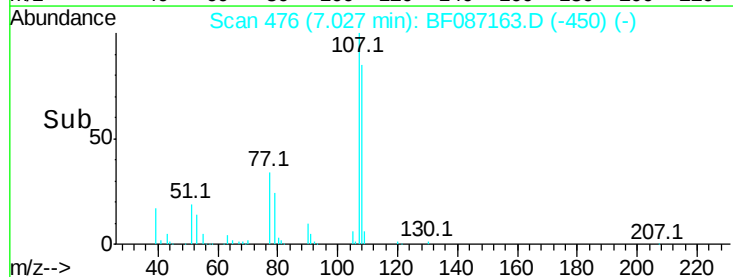
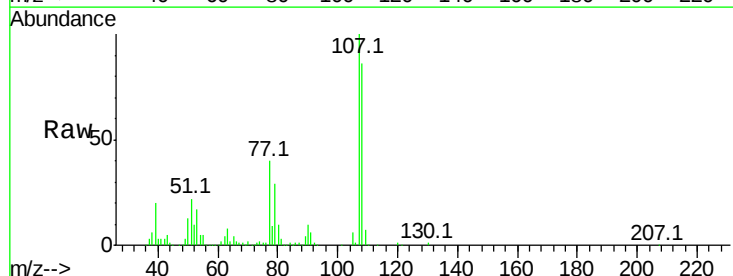
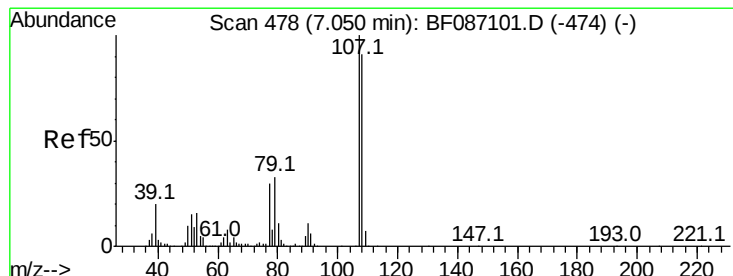
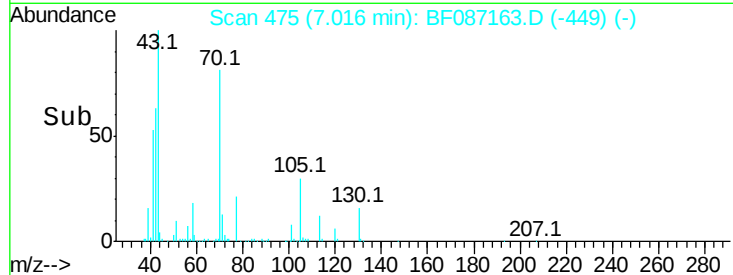
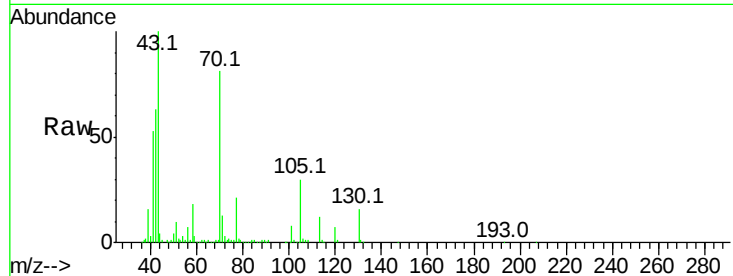
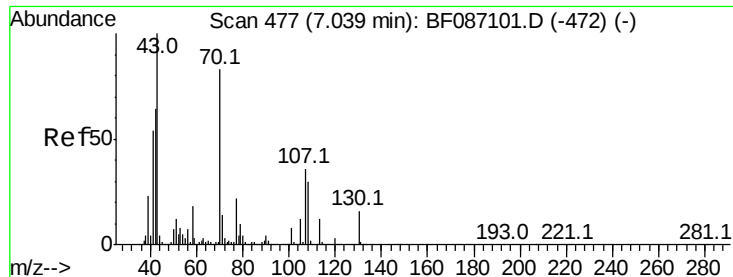
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





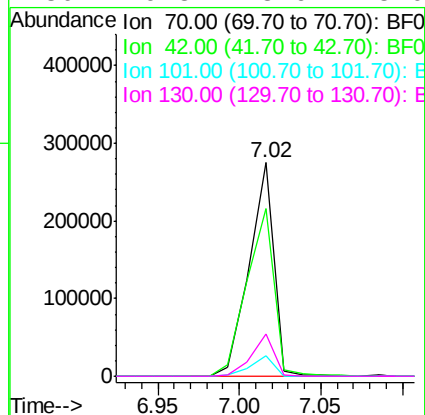
#19
n-Nitroso-di-n-propylamine
Concen: 39.12 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.5	43.1	64.7#
101	9.5	8.1	12.1
130	19.8	18.6	28.0

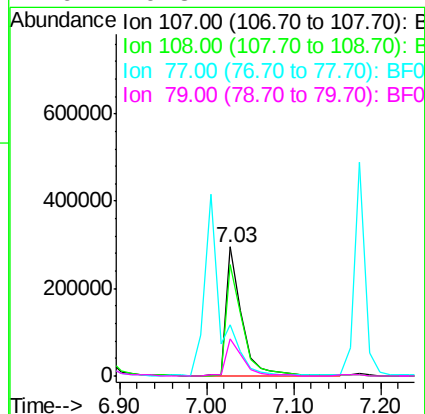
Manual Integrations
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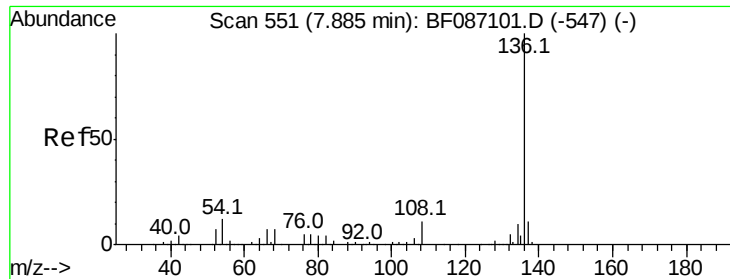
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#20
3+4-Methylphenols
Concen: 38.48 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.5	108.5
77	39.8	101.6	141.6#
79	29.3	7.4	47.4





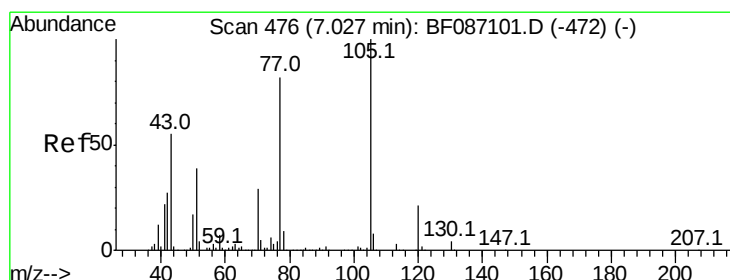
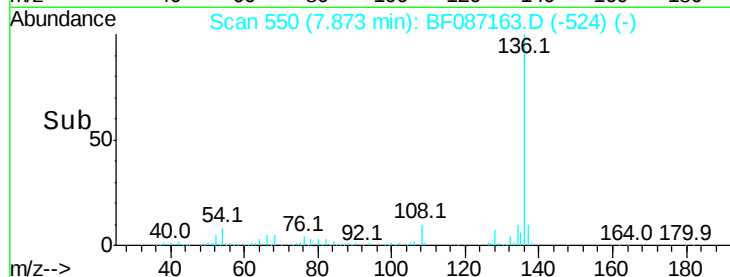
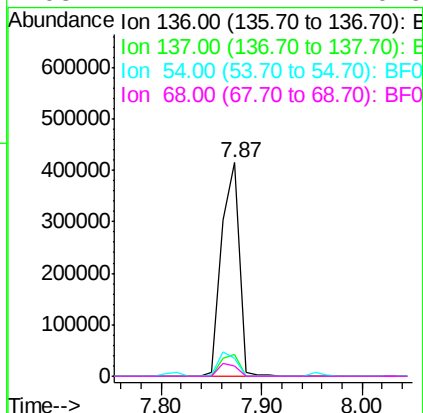
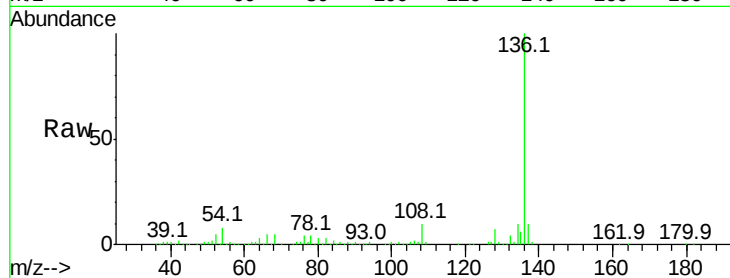
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	8.3	5.0	7.4#	
68	4.7	4.4	6.6	

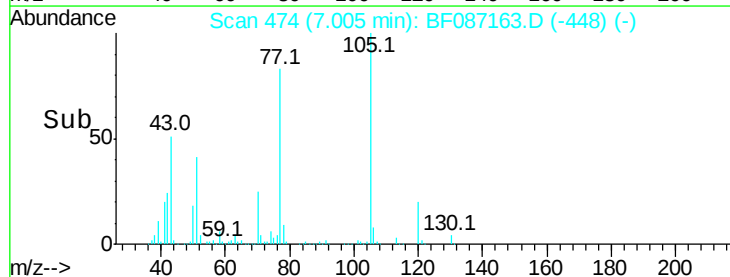
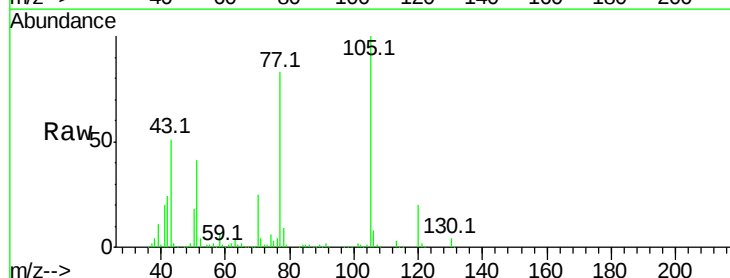
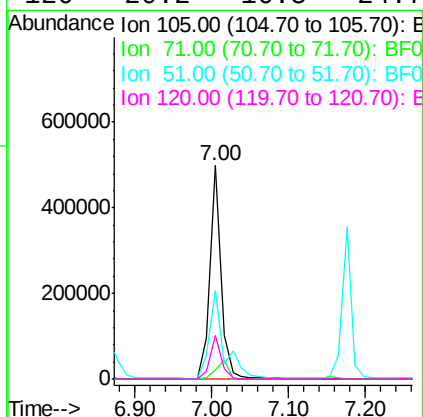
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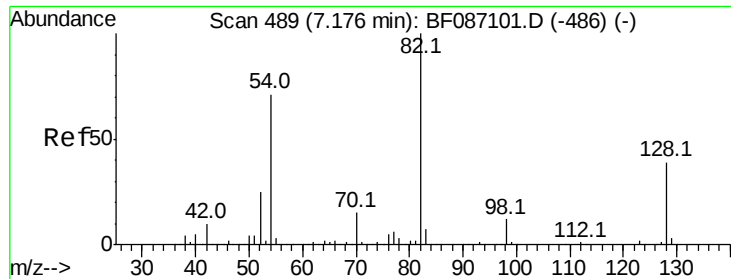
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#22
Acetophenone
Concen: 40.63 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	4.8	7.2#	
51	41.2	32.6	49.0	
120	20.2	16.5	24.7	





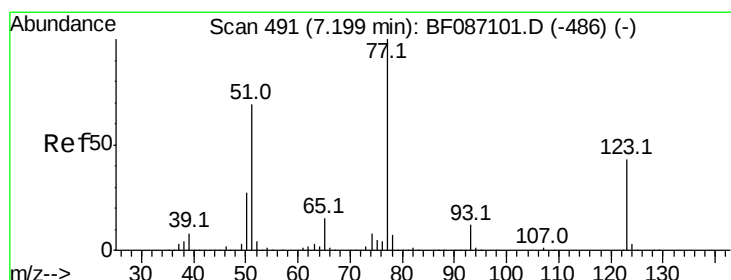
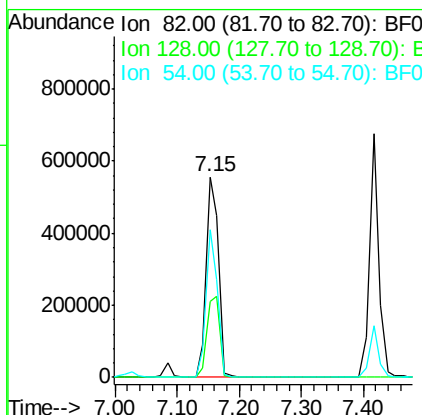
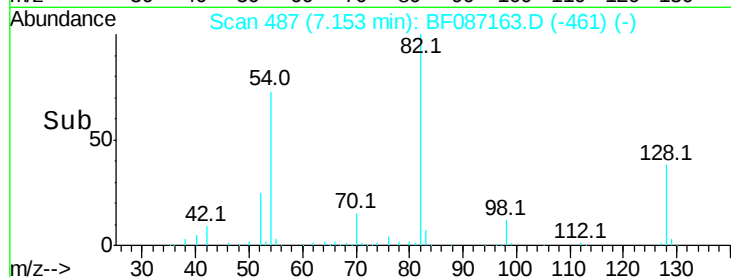
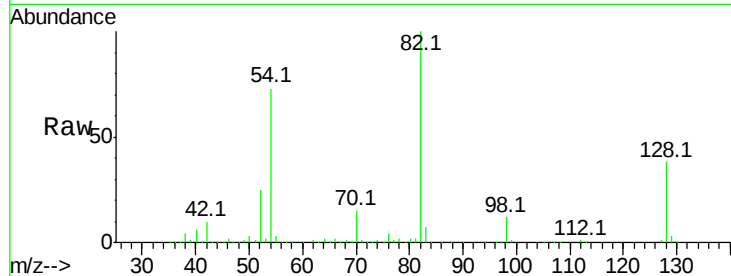
#23
 Nitrobenzene-d5
 Concen: 76.07 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	82	Resp:	773559
Ion Ratio	Lower	Upper	
82	100		
128	38.0	40.6	61.0#
54	73.4	38.1	57.1#

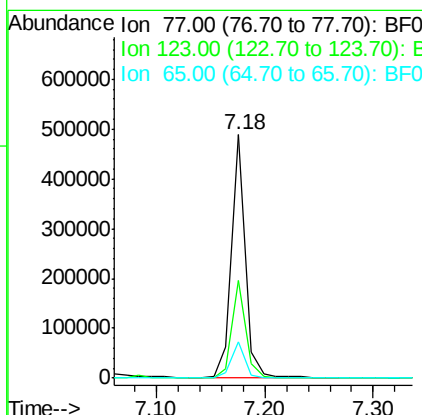
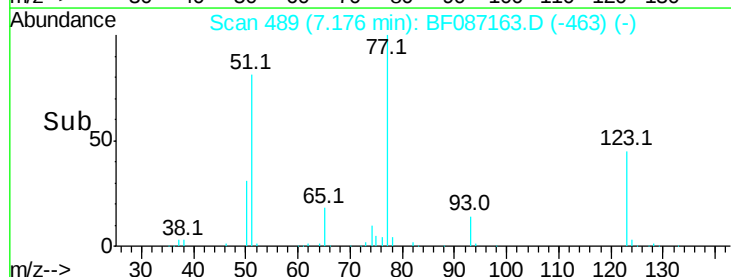
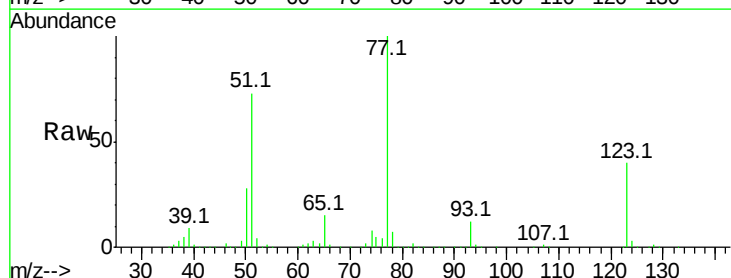
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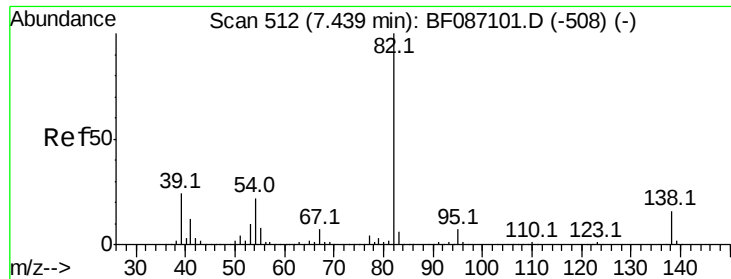
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#24
 Nitrobenzene
 Concen: 38.17 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion:	77	Resp:	423848
Ion Ratio	Lower	Upper	
77	100		
123	40.2	33.0	49.4
65	15.1	10.8	16.2





#25

Isophorone

Concen: 37.27 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

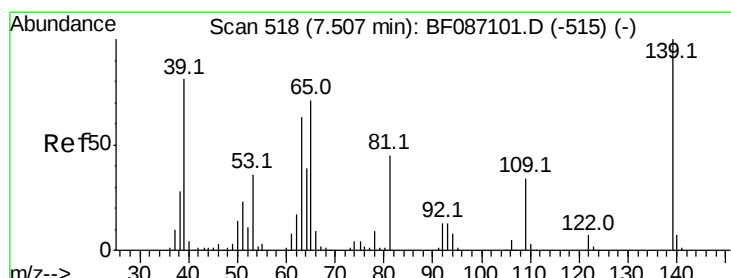
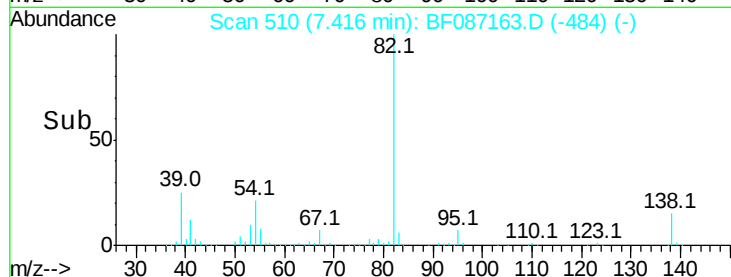
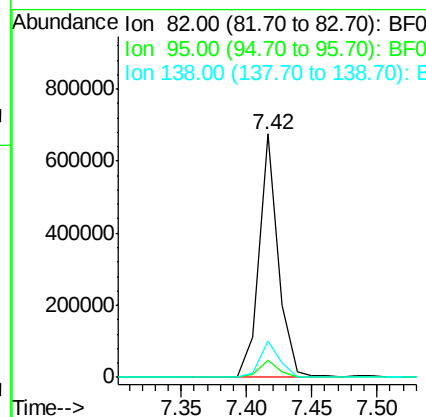
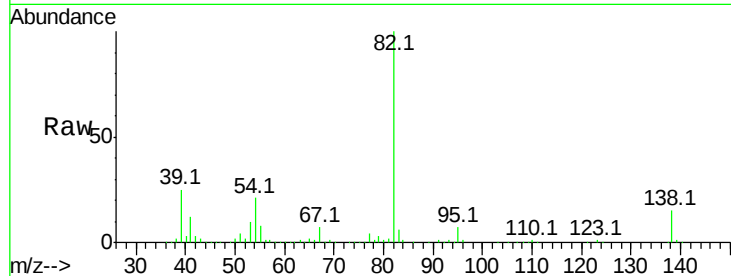
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	693773
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	14.7	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.76 ng

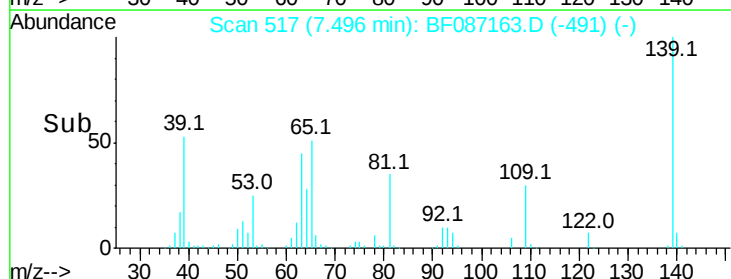
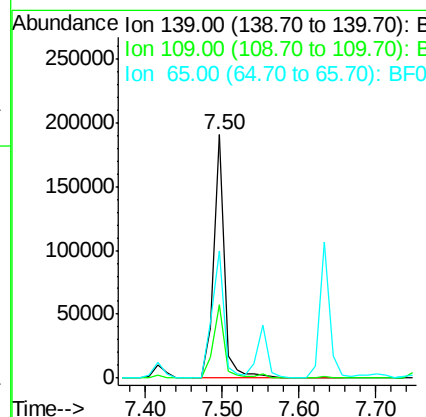
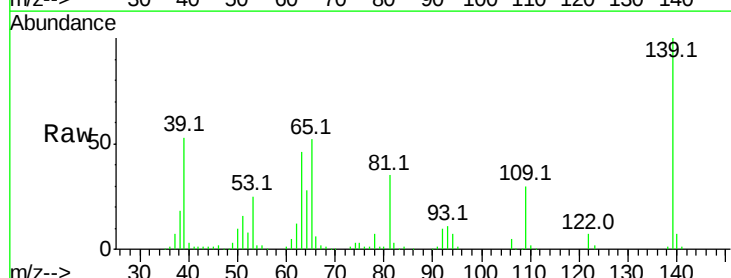
RT: 7.50 min Scan# 517

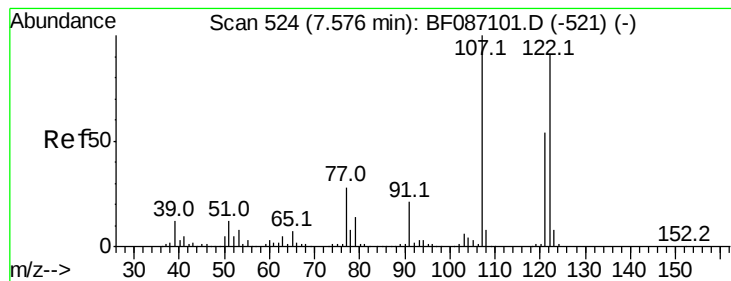
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	139	Resp:	182866
Ion Ratio	Lower	Upper	
139	100		
109	30.2	19.5	29.3#
65	52.2	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 40.16 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

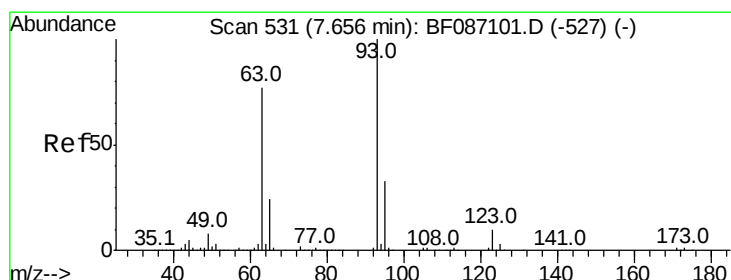
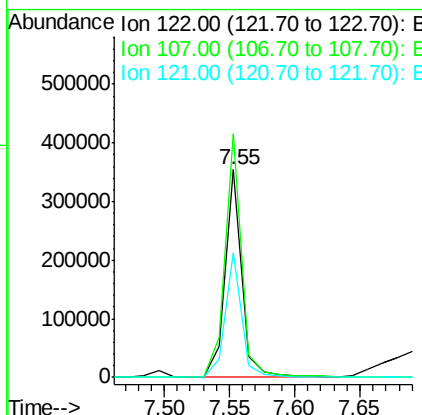
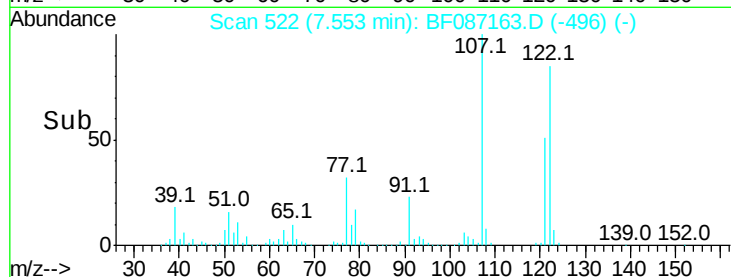
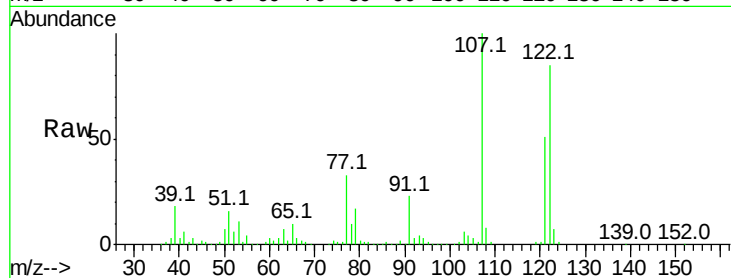
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	122	Resp:	315253
Ion Ratio	Lower	Upper	
122	100		
107	117.2	82.0	123.0
121	60.1	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.55 ng

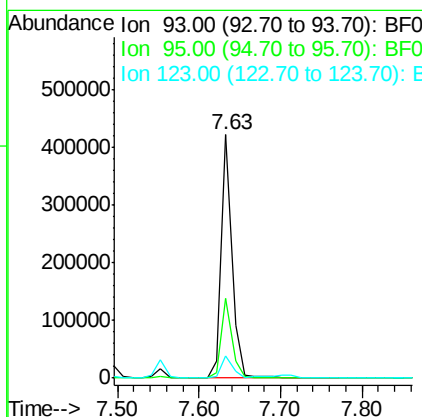
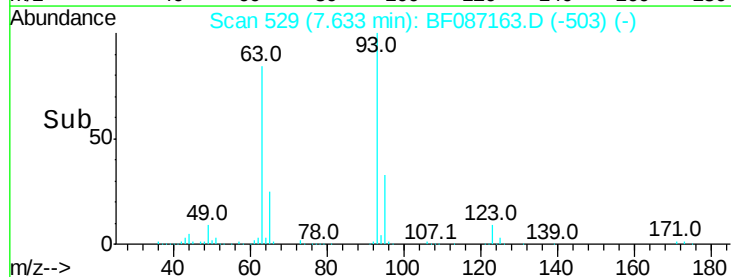
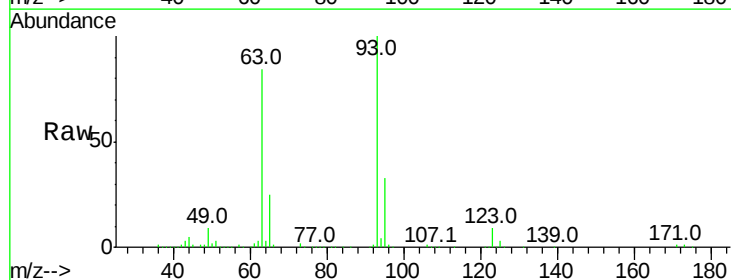
RT: 7.63 min Scan# 529

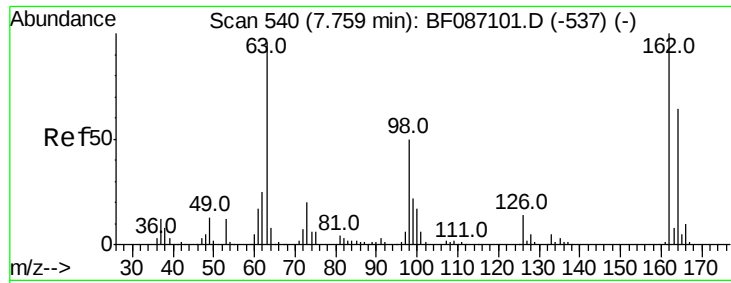
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	93	Resp:	383704
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	9.1	9.5	14.3#





#29

2,4-Dichlorophenol

Concen: 39.33 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF087163.D

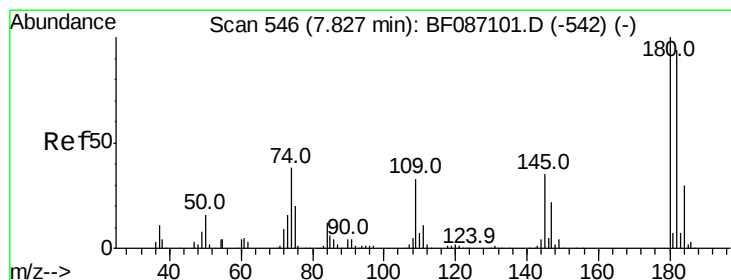
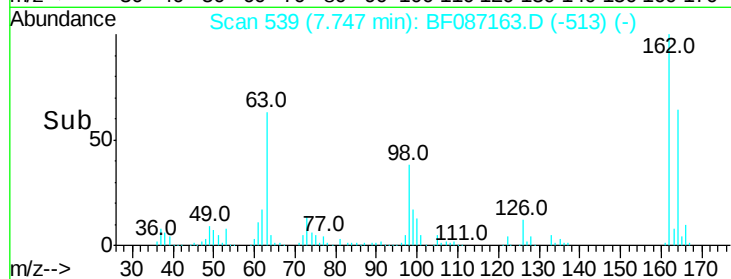
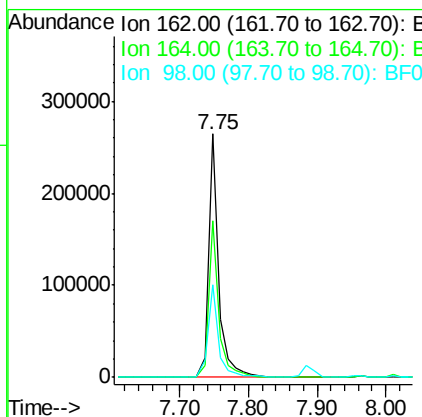
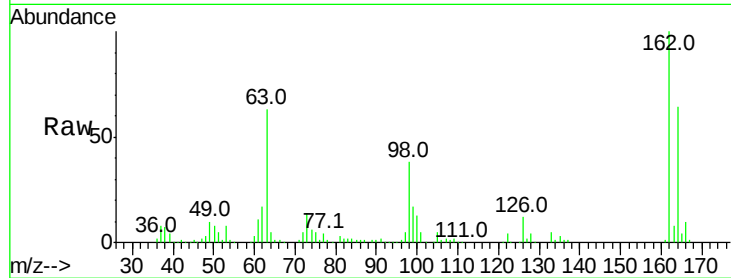
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	162	Resp:	272018
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.2	82.2
98	38.0	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 40.25 ng

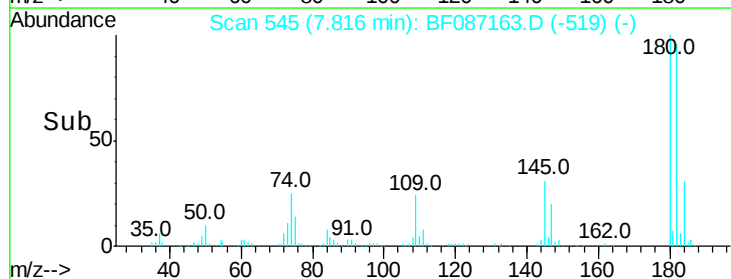
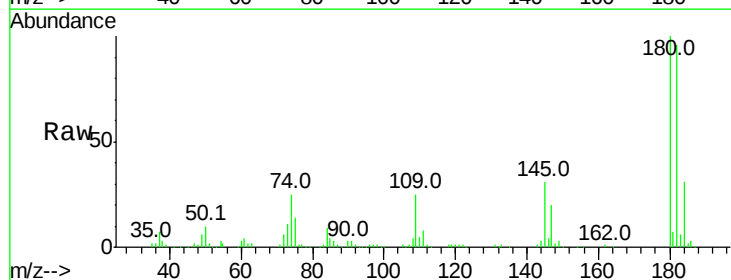
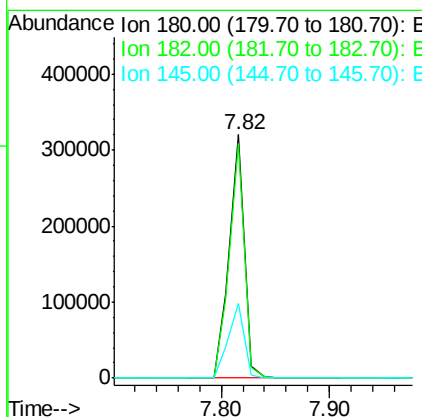
RT: 7.82 min Scan# 545

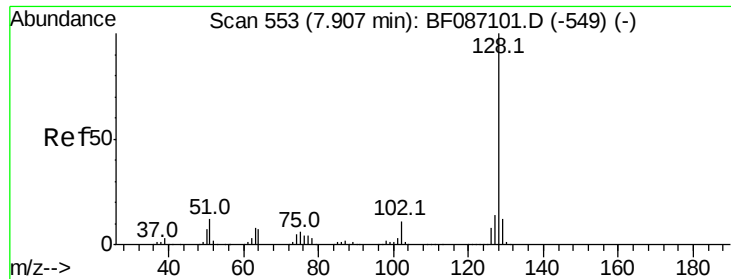
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	180	Resp:	308922
Ion Ratio	Lower	Upper	
180	100		
182	96.1	78.0	117.0
145	30.6	24.2	36.2





#31

Naphthalene

Concen: 38.23 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

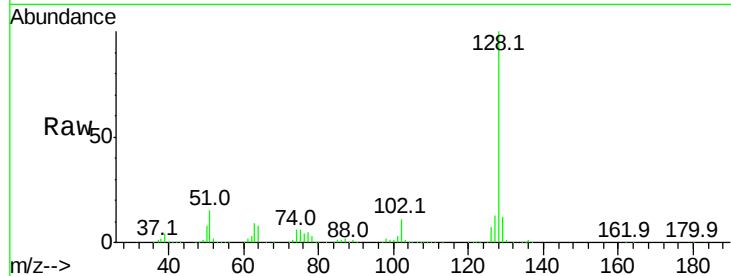
ClientSampleId :

SSTDCCC040EC

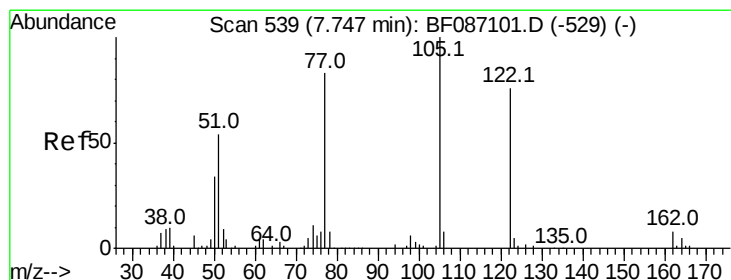
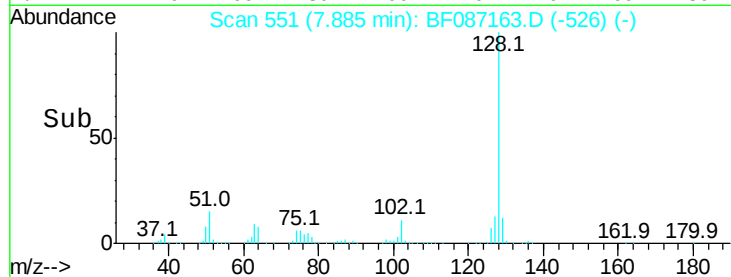
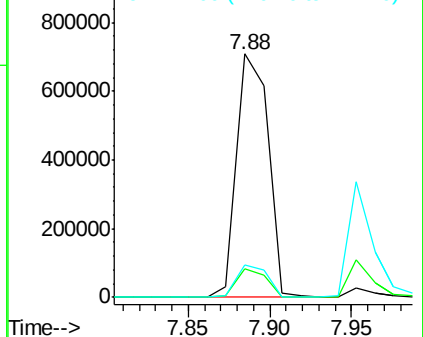
Tot Ion:	128	Resp:	946682
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	13.0
127	13.5	10.8	16.2

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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: 44.74 ng

RT: 7.71 min Scan# 536

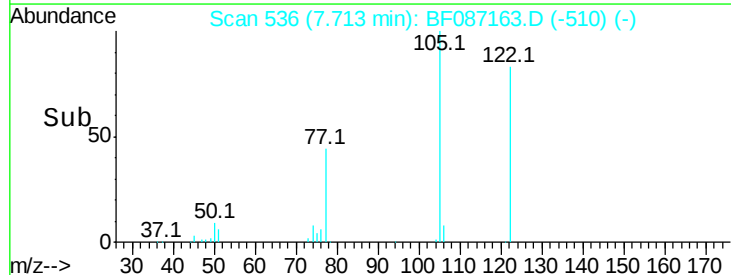
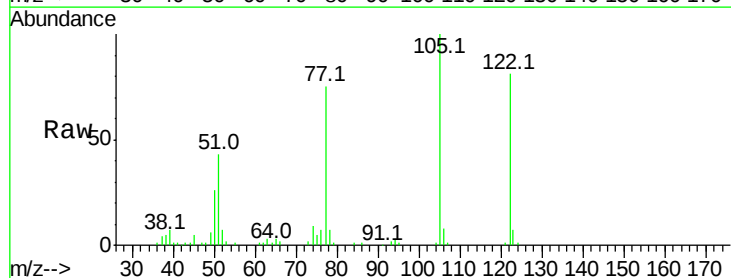
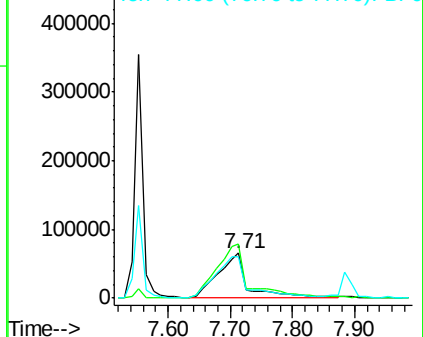
Delta R.T. 0.00 min

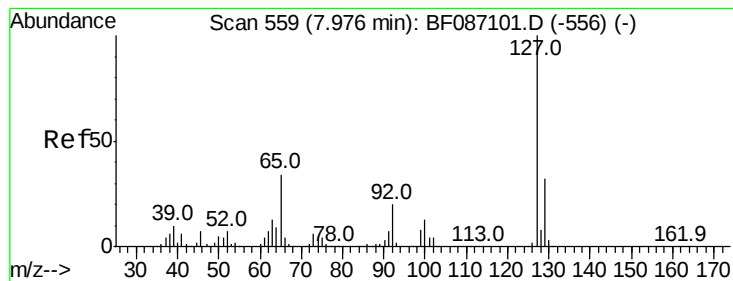
Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	122	Resp:	209326
Ion Ratio	Lower	Upper	
122	100		
105	122.7	92.6	132.6
77	91.5	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: 36.17 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

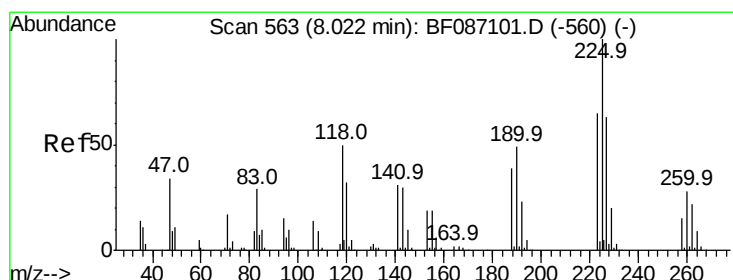
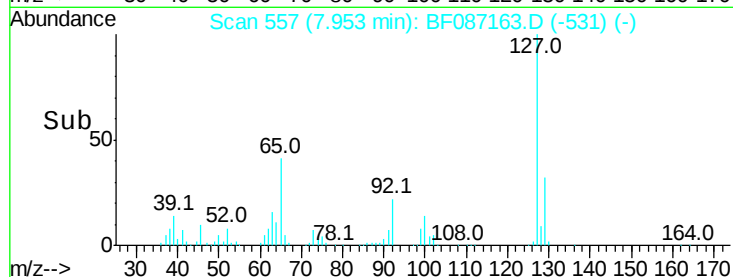
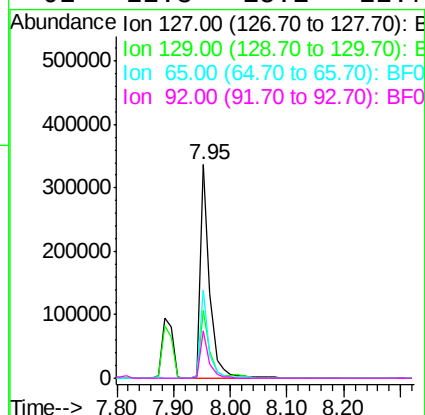
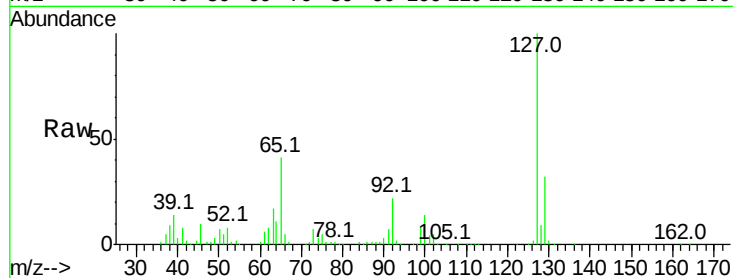
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.4	
65	41.2	23.0	34.4	
92	22.3	15.1	22.7	

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#34

Hexachlorobutadiene

Concen: 41.22 ng

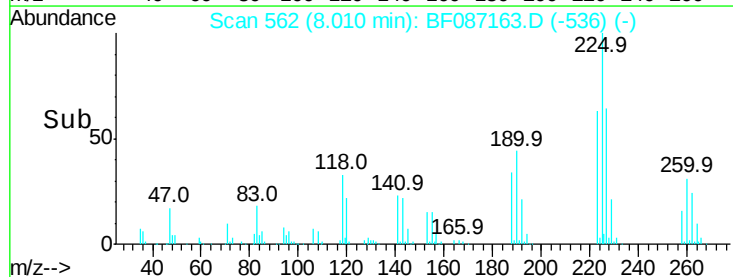
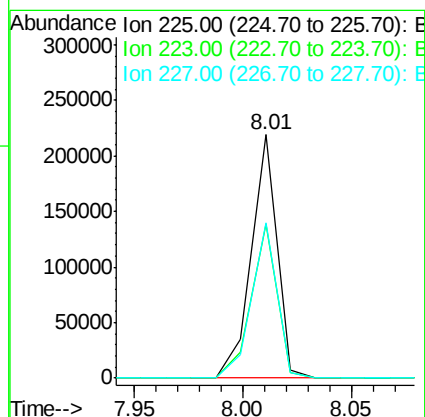
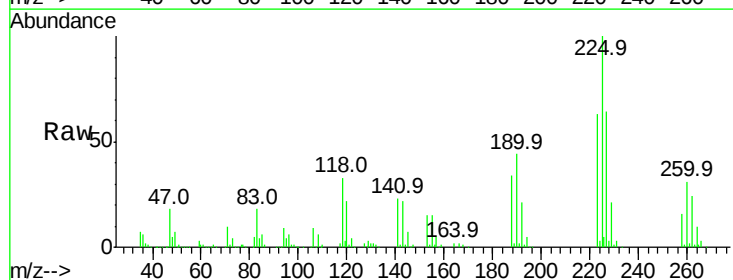
RT: 8.01 min Scan# 562

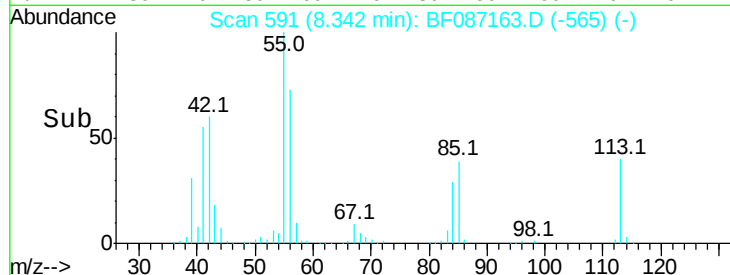
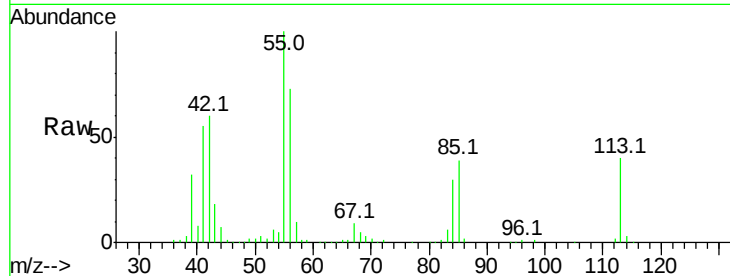
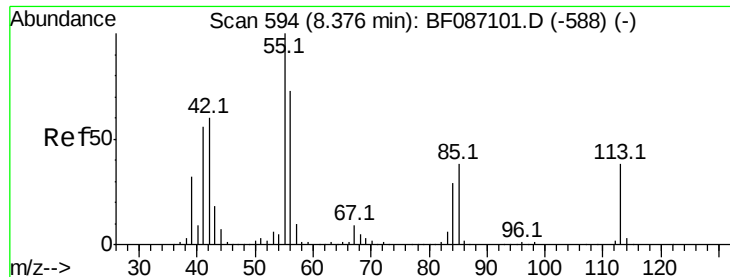
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.5	77.3	
227	63.8	52.2	78.2	





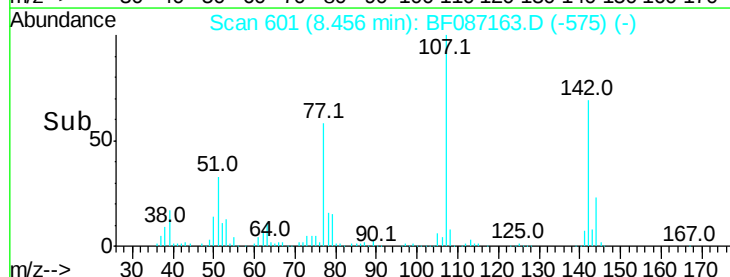
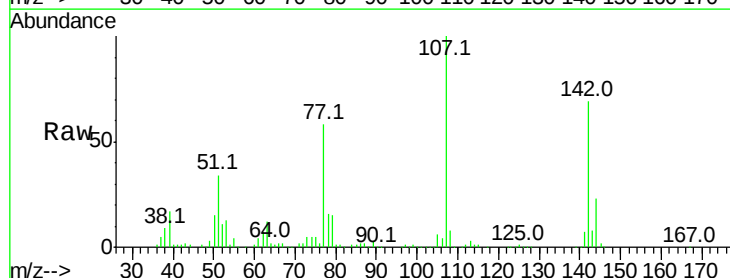
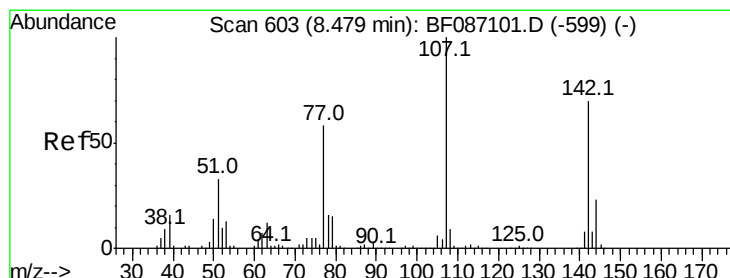
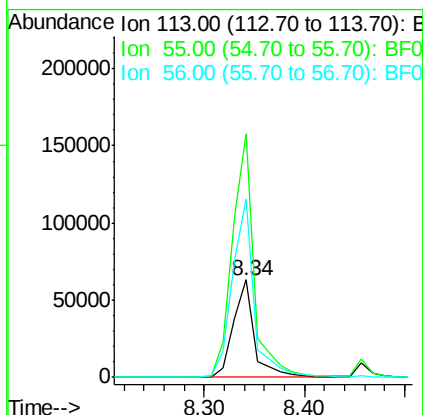
#35
Caprolactam
Concen: 39.66 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tot Ion	Ratio	Lower	Upper
113	100		
55	249.8	162.0	202.0#
56	183.2	115.3	155.3#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

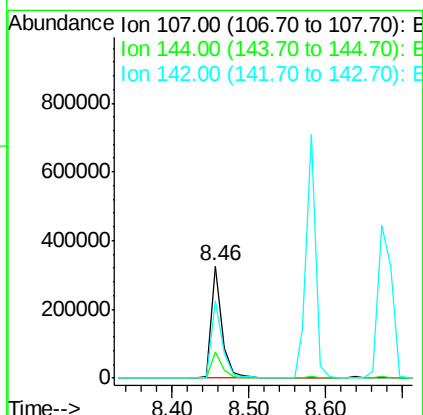
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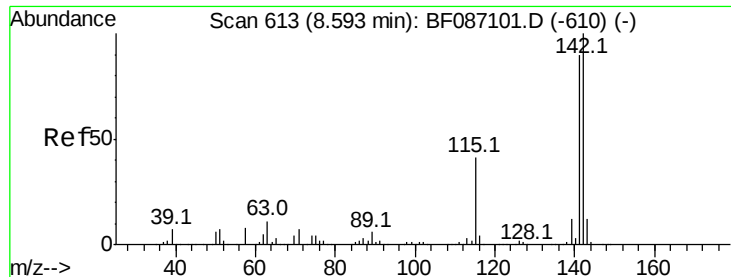
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#36
4-Chloro-3-methylphenol
Concen: 37.70 ng
RT: 8.46 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	20.7	31.1
142	68.5	63.2	94.8





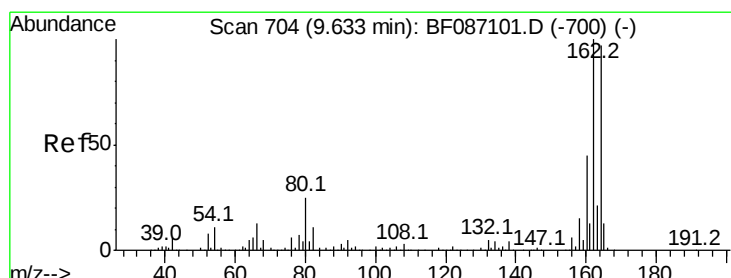
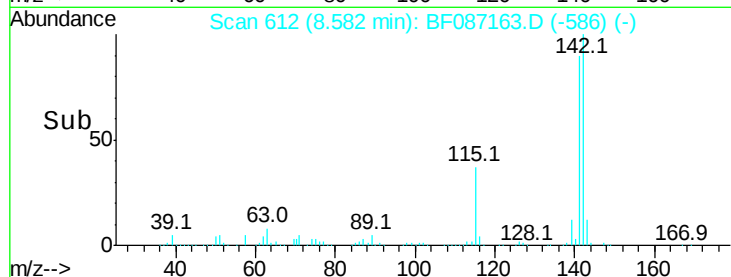
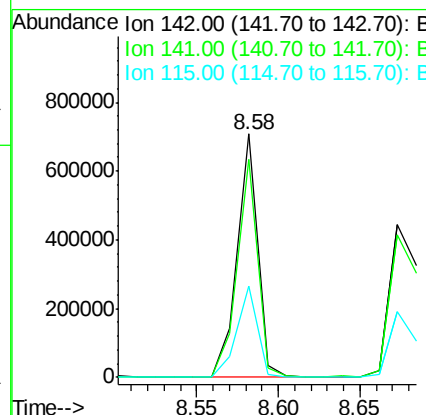
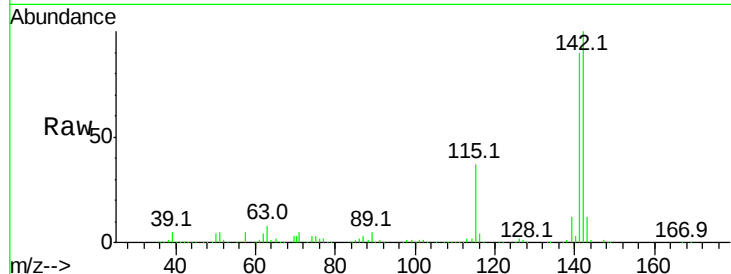
#37
2-Methylnaphthalene
Concen: 38.68 ng
RT: 8.58 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	612635		
141	89.5	71.0	106.6	
115	37.5	26.6	39.8	

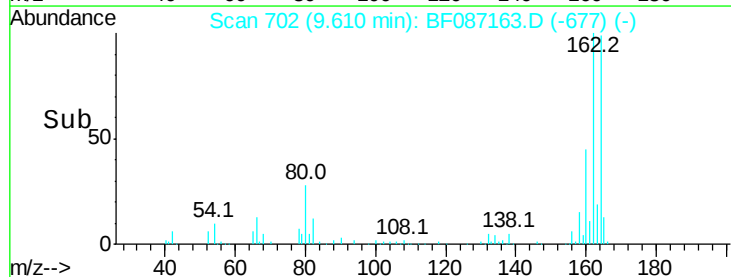
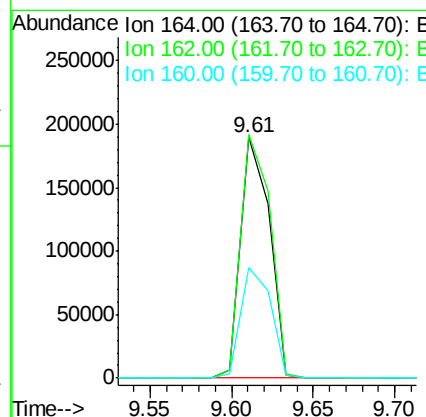
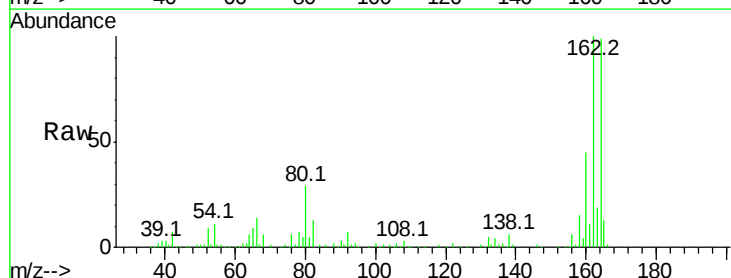
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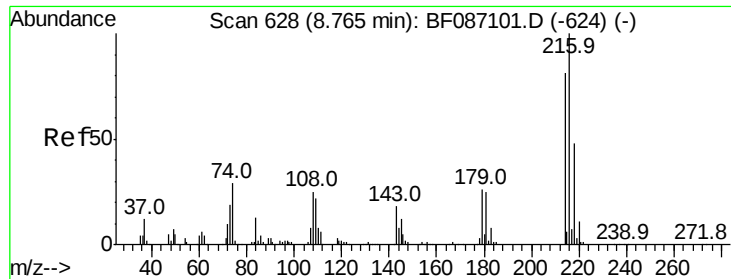
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230267		
162	101.1	82.8	124.2	
160	45.9	36.9	55.3	





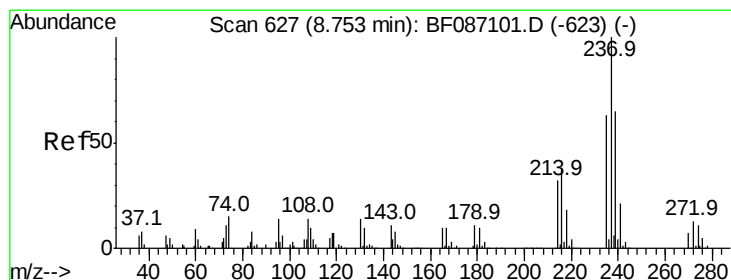
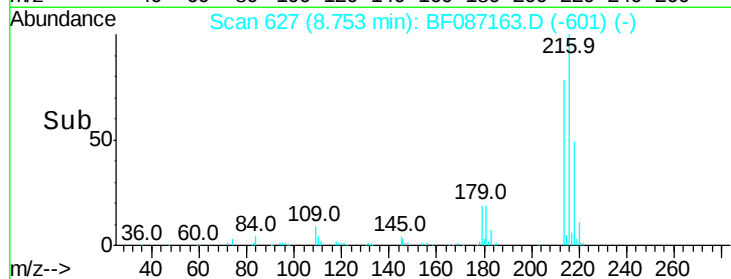
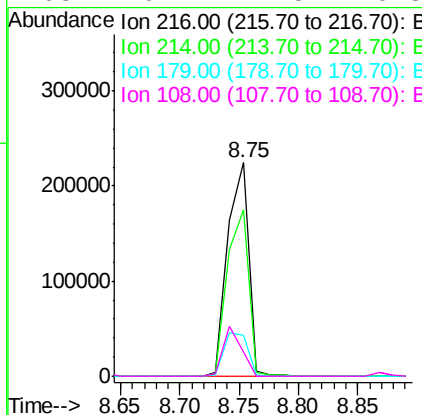
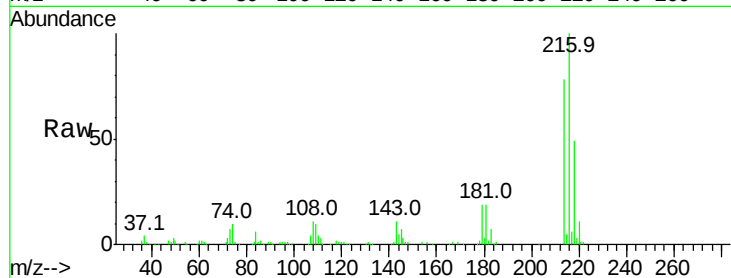
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.82 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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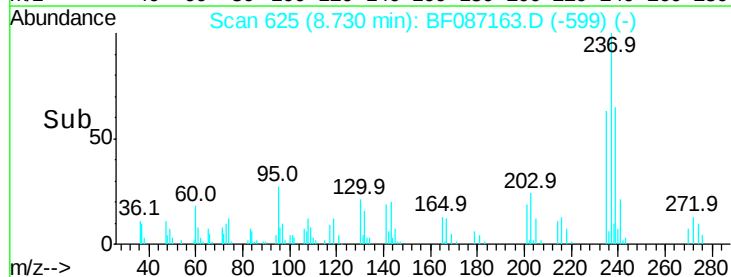
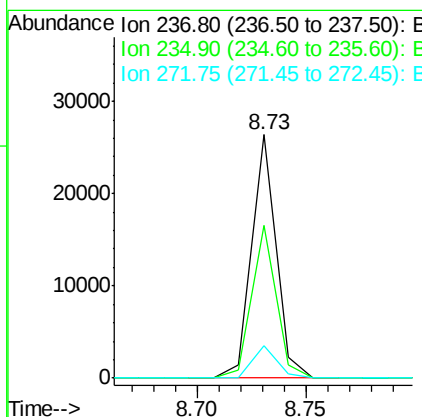
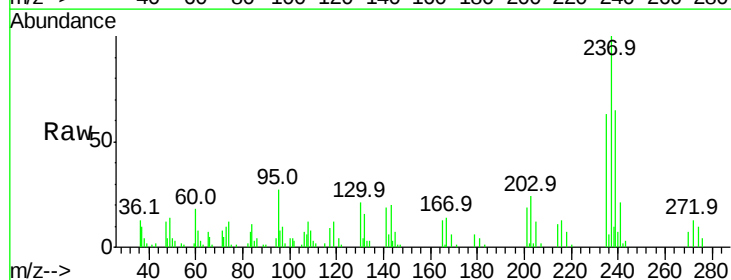
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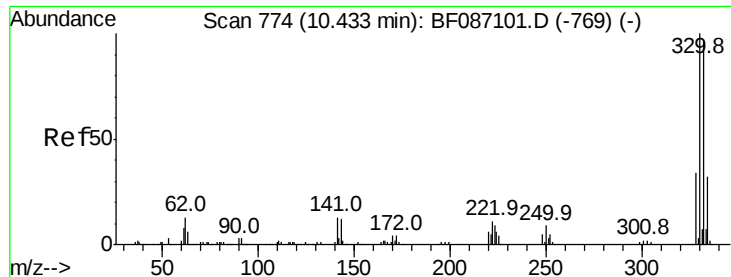
Tot Ion	Ratio	Resp	Lower	Upper
216	100	274536		
214	79.5	62.6	93.8	
179	22.9	18.2	27.4	
108	20.7	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 15.03 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20685		
235	62.7	47.2	87.2	
272	13.3	0.0	31.1	





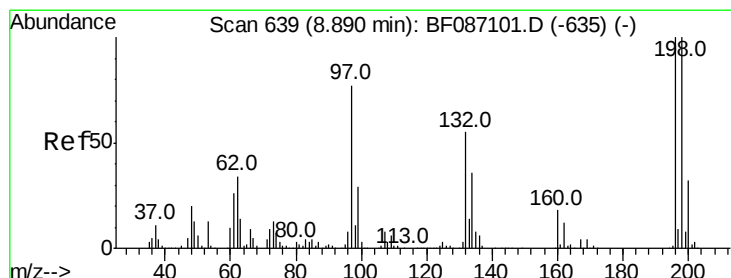
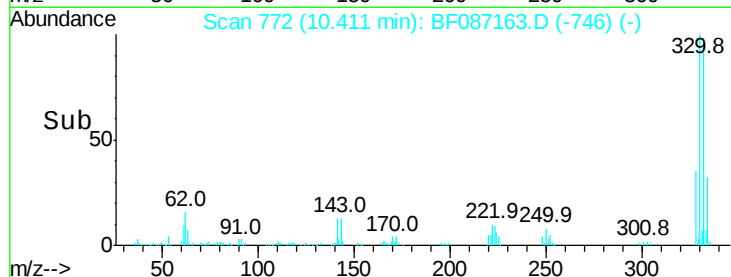
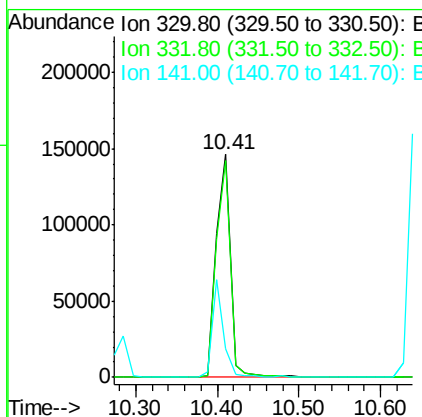
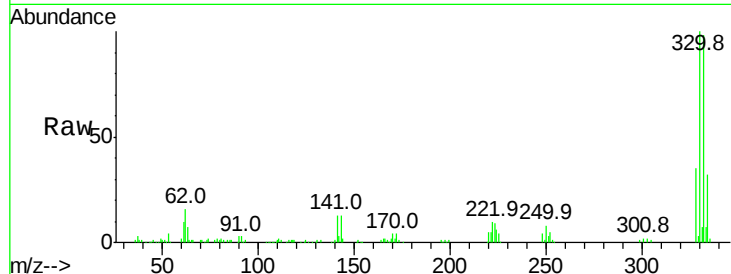
#41
 2,4,6-Tribromophenol
 Concen: 69.97 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178039		
332	97.3	79.0	118.4	
141	34.9	31.2	46.8	

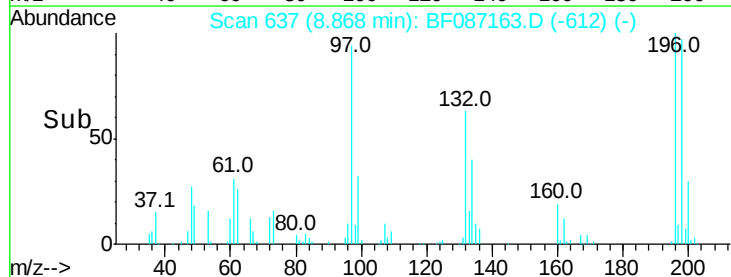
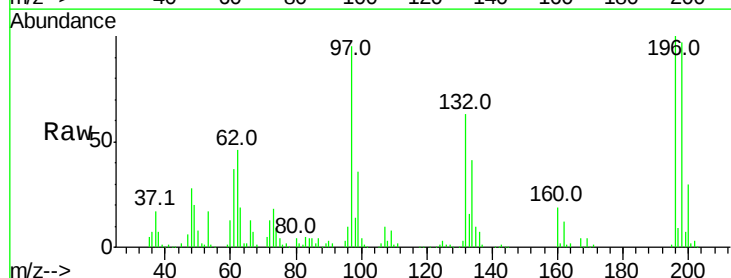
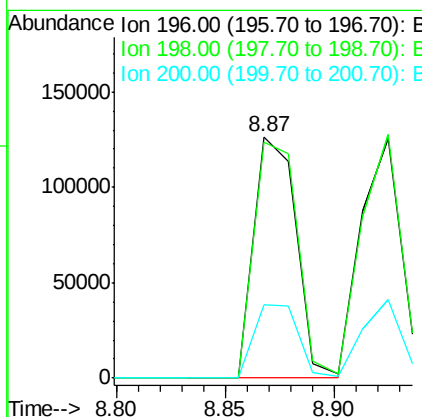
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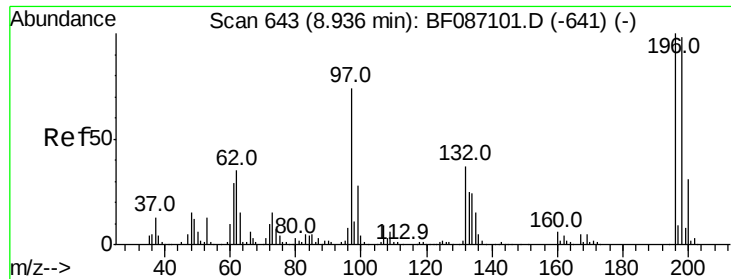
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#42
 2,4,6-Trichlorophenol
 Concen: 39.43 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171997		
198	97.5	74.7	112.1	
200	30.2	23.8	35.6	





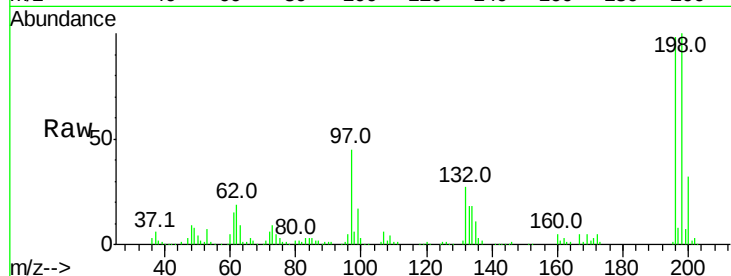
#43
 2,4,5-Trichlorophenol
 Concen: 39.17 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

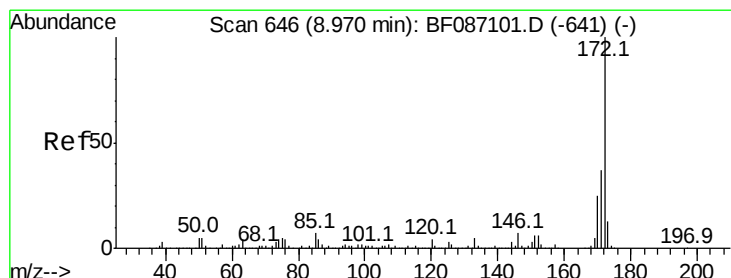
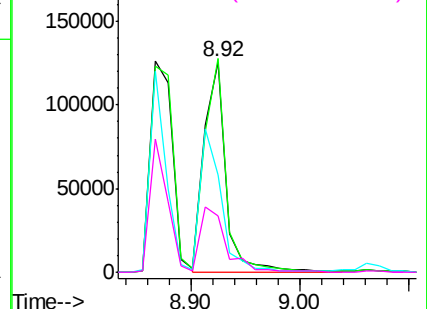
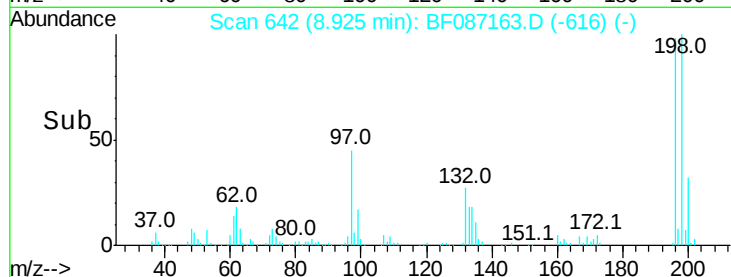
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Tot Ion:	196	Resp:	177457
Ion Ratio	Lower	Upper	
196	100		
198	101.7	77.5	116.3
97	46.1	34.8	52.2
132	27.1	23.0	34.4

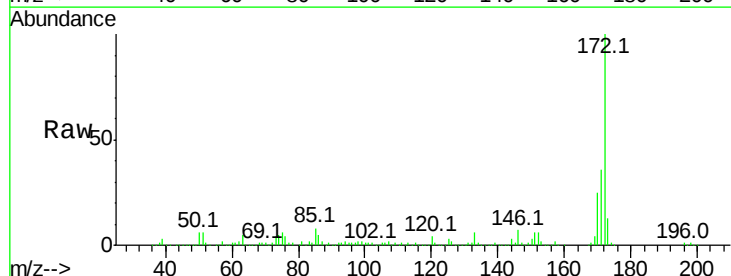


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

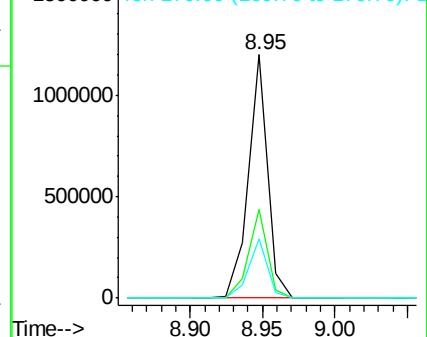
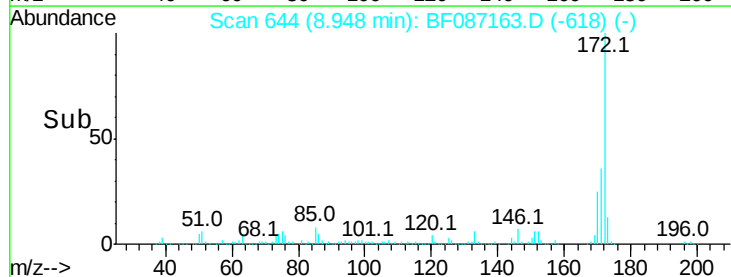


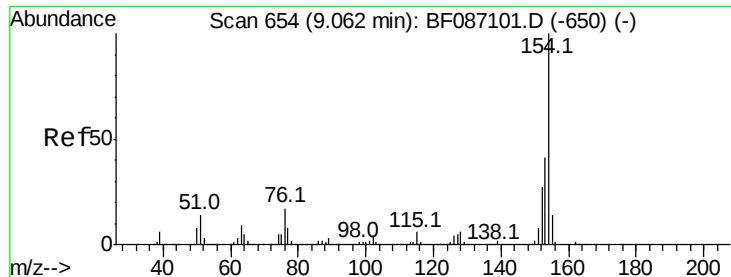
#44
 2-Fluorobiphenyl
 Concen: 79.34 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion:	172	Resp:	1103094
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 42.32 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

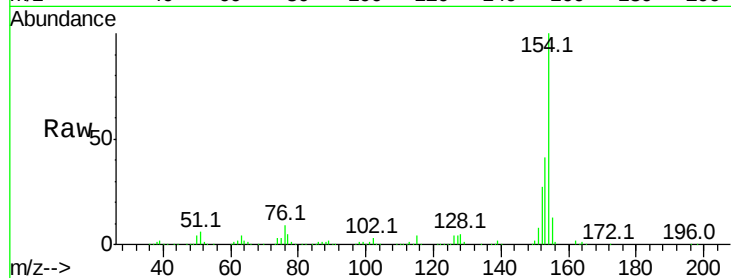
ClientSampleId :

SSTDCCC040EC

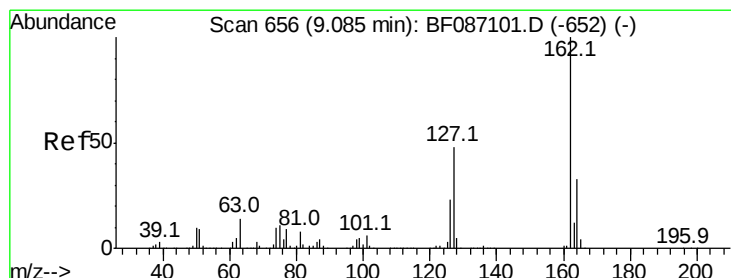
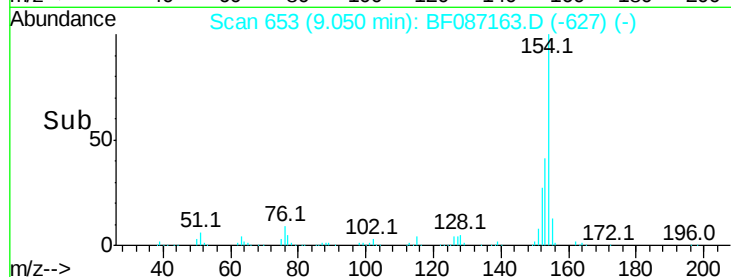
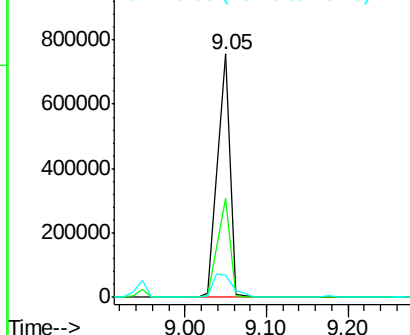
Tot Ion:	154	Resp:	808029
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	9.4	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 39.70 ng

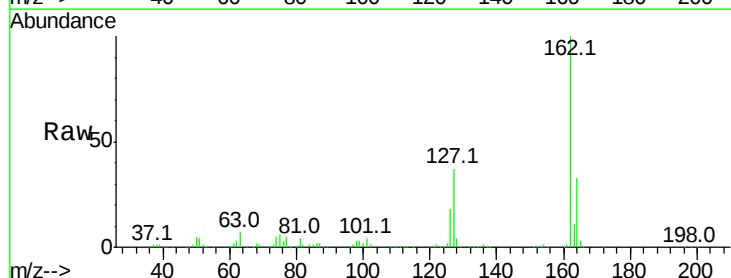
RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

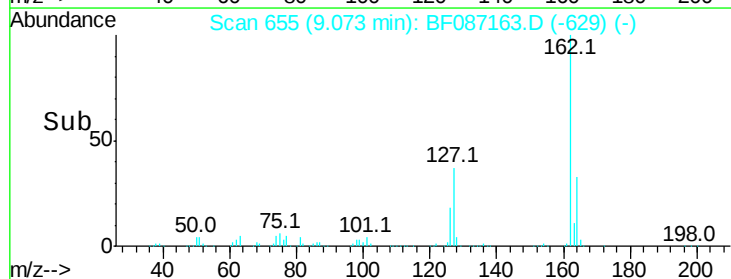
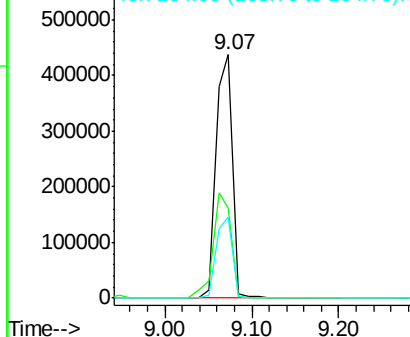
Lab File: BF087163.D

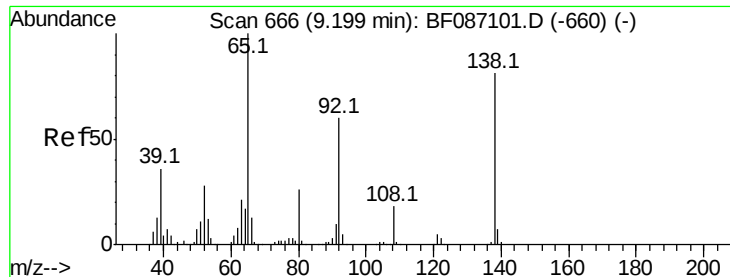
Acq: 19 May 2016 00:38

Tgt Ion:	162	Resp:	581975
Ion Ratio	Lower	Upper	
162	100		
127	36.8	31.8	47.6
164	33.3	27.0	40.6



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





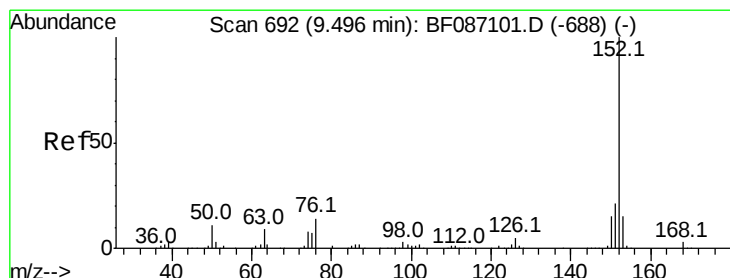
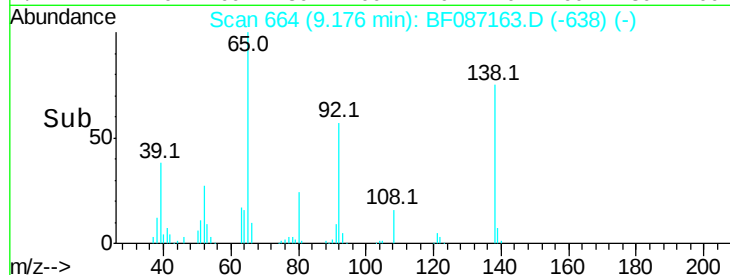
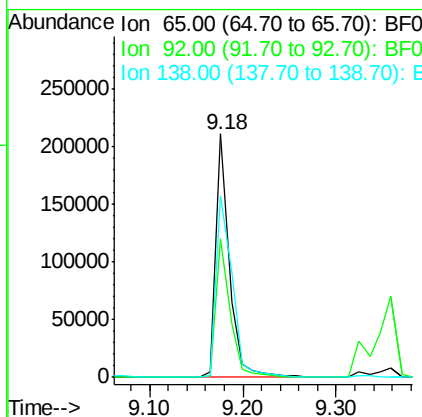
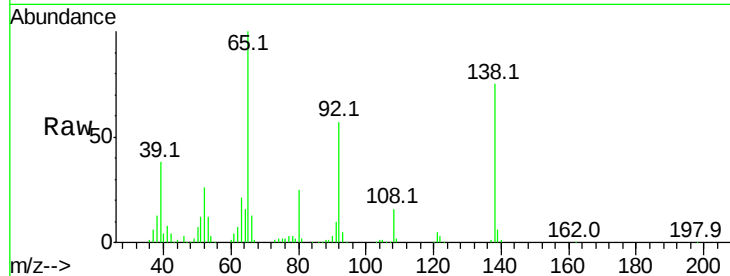
#47
2-Nitroaniline
Concen: 37.92 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.7	57.4	86.2#
138	74.6	90.1	135.1#

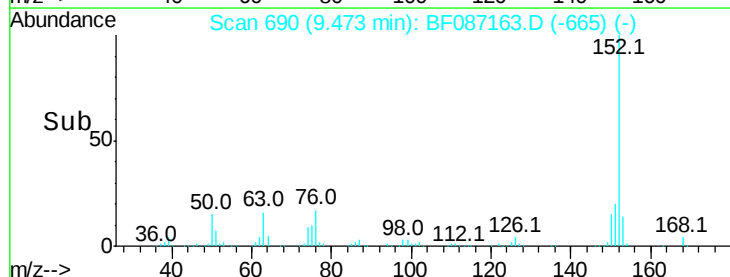
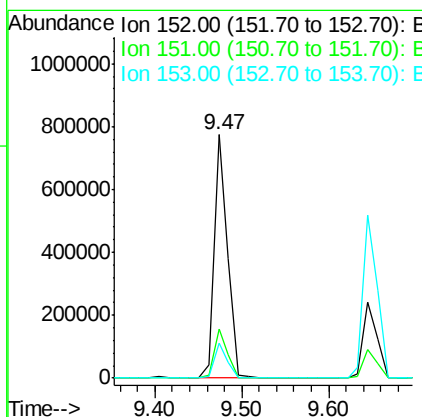
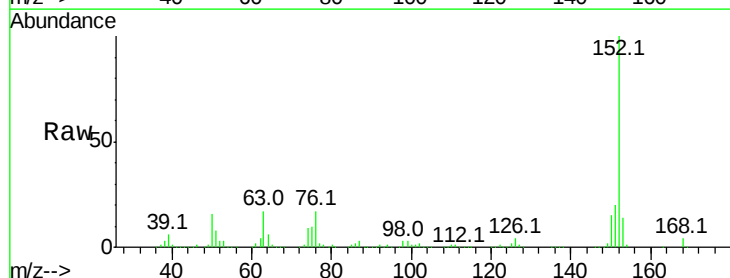
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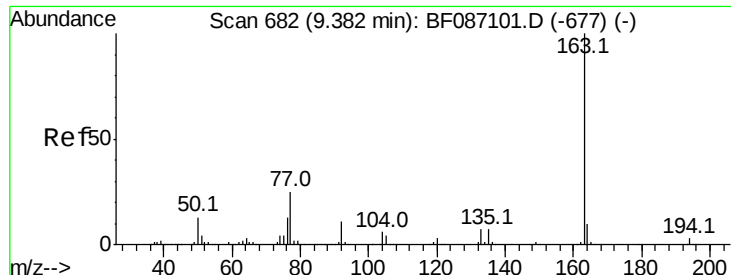
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#48
Acenaphthylene
Concen: 37.27 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	14.3	10.9	16.3





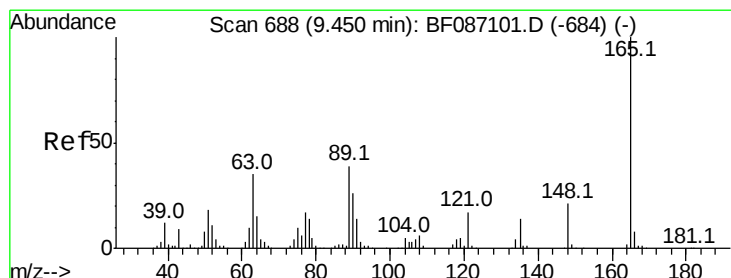
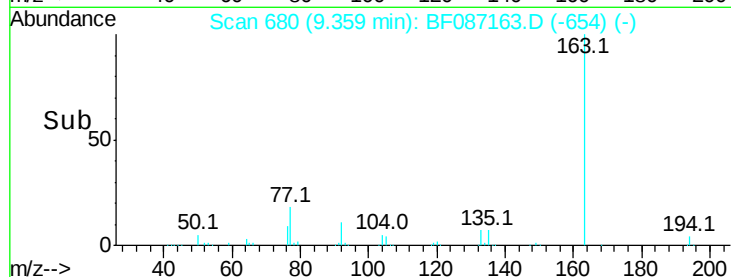
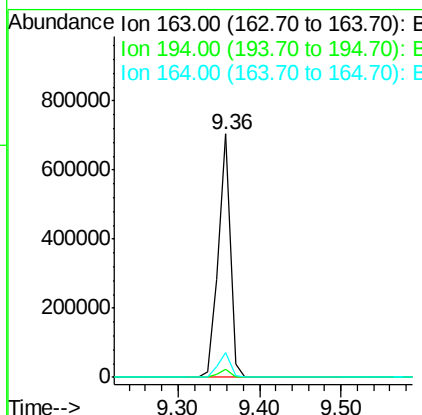
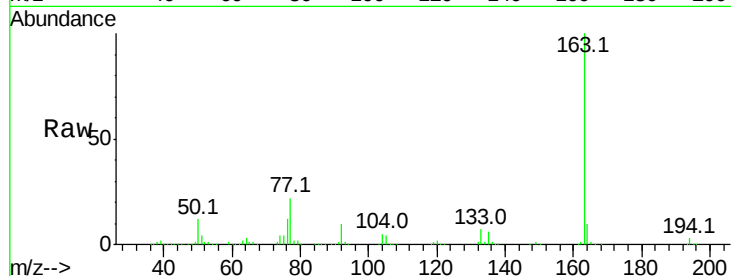
#49
Dimethylphthalate
Concen: 40.90 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.1	8.2	12.4	

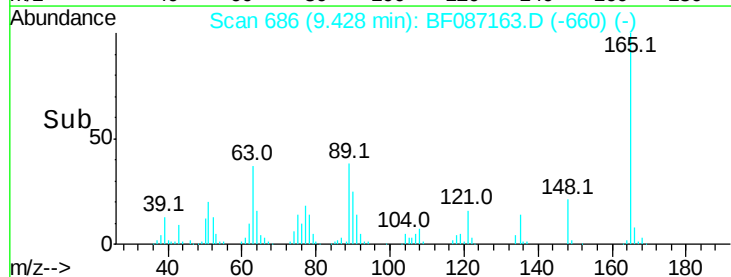
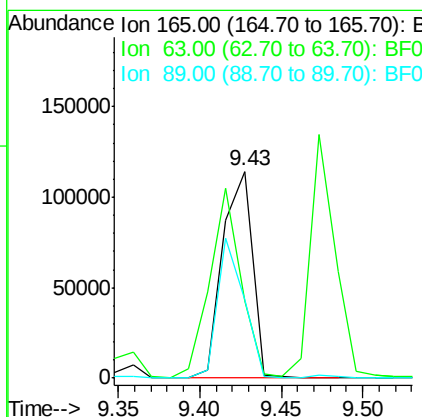
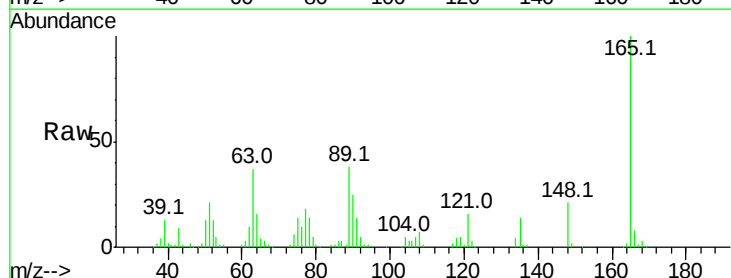
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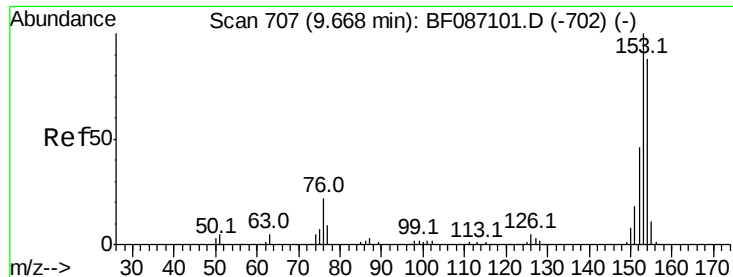
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#50
2,6-Dinitrotoluene
Concen: 37.67 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.4	51.8	77.8#	
89	37.8	50.7	76.1#	





#51

Acenaphthene

Concen: 36.13 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

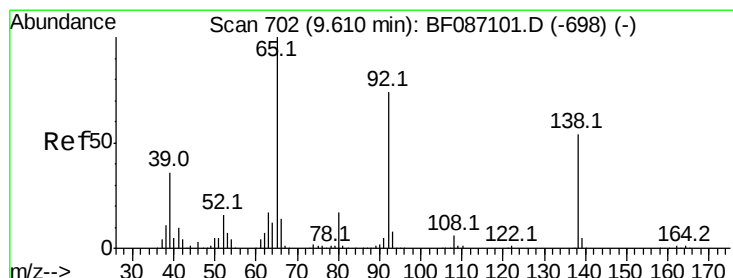
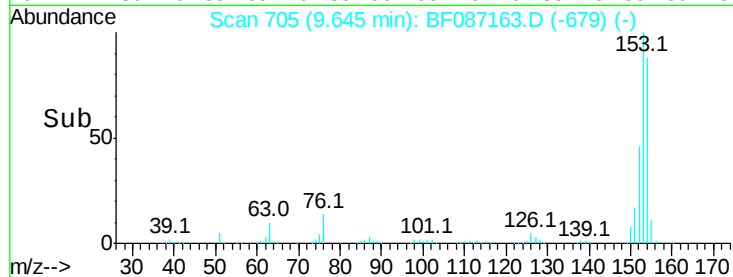
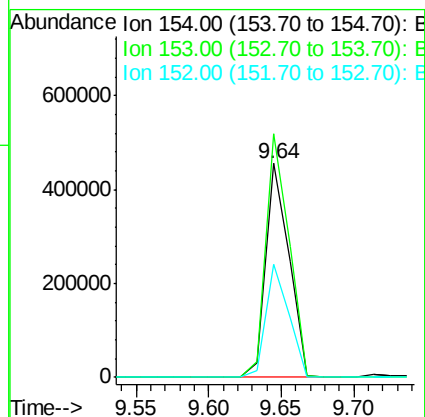
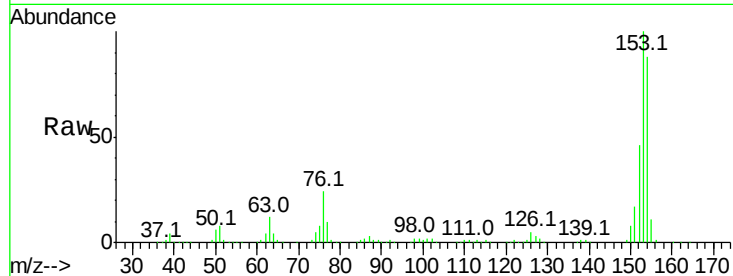
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	505282
Ion Ratio	Lower	Upper	
154	100		
153	114.0	89.8	134.6
152	52.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 37.13 ng

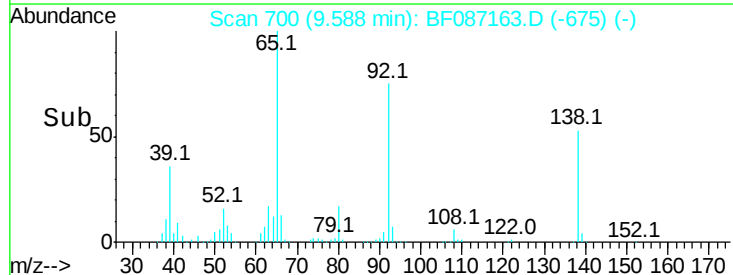
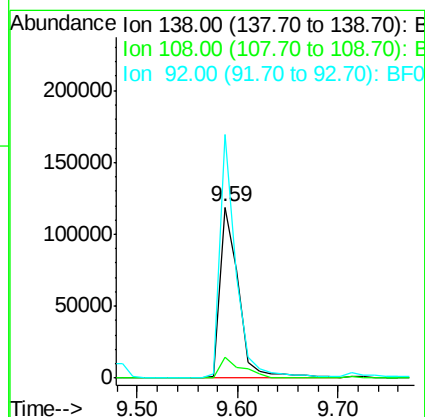
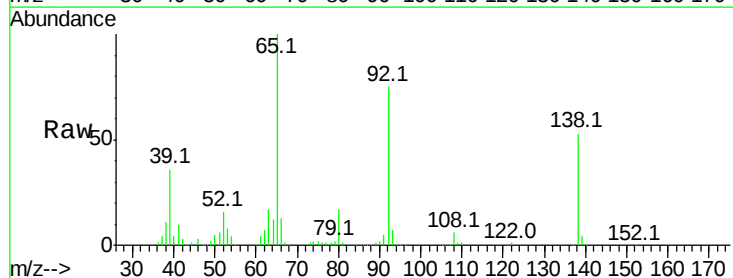
RT: 9.59 min Scan# 700

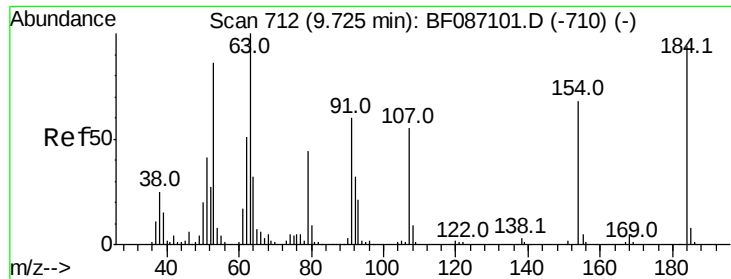
Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	138	Resp:	153322
Ion Ratio	Lower	Upper	
138	100		
108	11.9	7.8	11.6#
92	142.4	87.8	131.8#





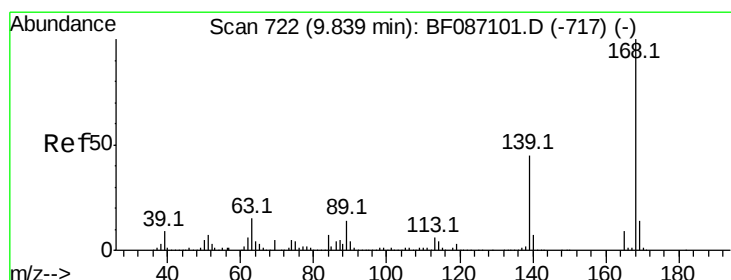
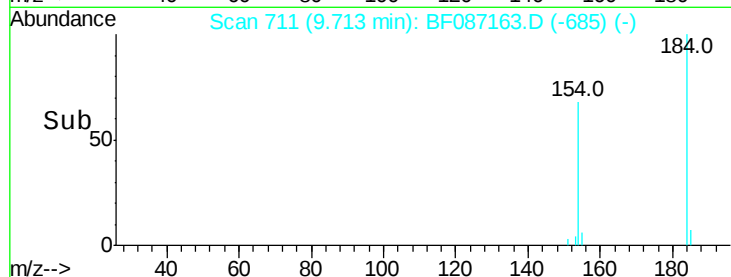
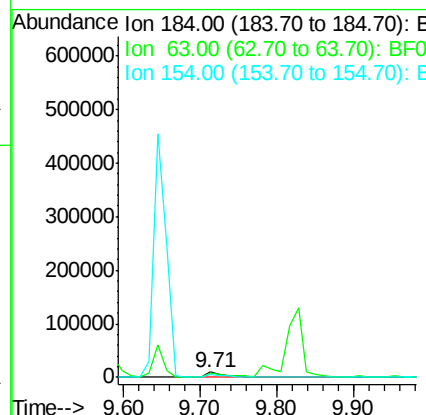
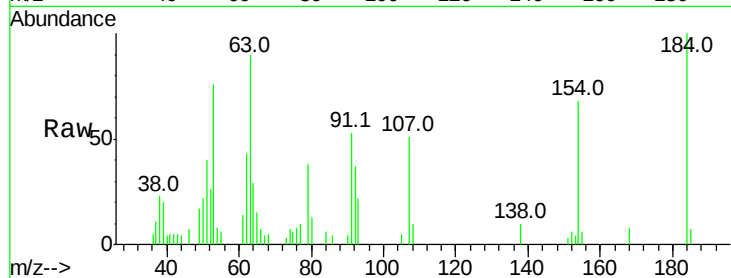
#53
 2,4-Dinitrophenol
 Concen: 13.09 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	19403		
63	89.8	55.8	83.8#	
154	68.1	62.4	93.6	

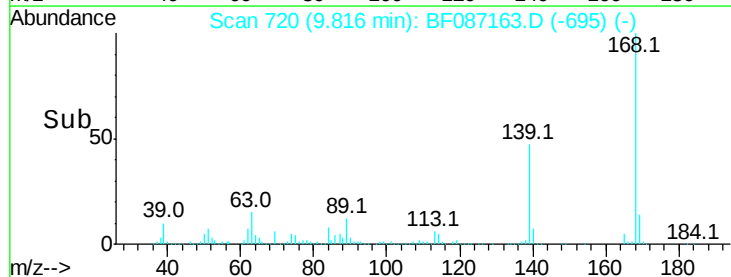
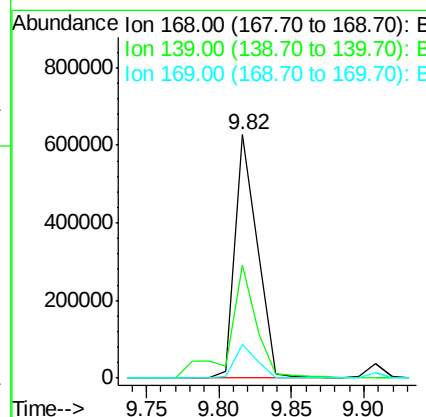
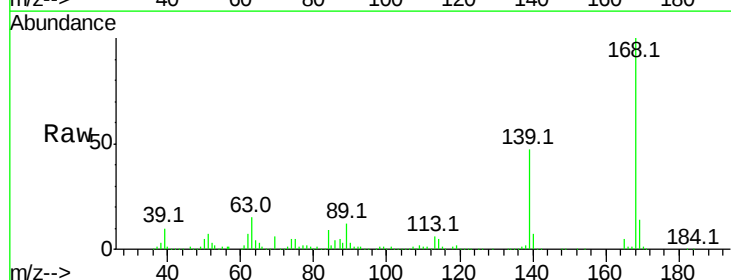
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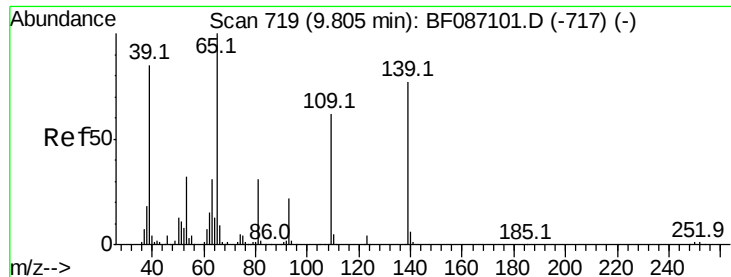
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#54
 Dibenzofuran
 Concen: 37.38 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	675979		
139	46.6	31.4	47.0	
169	13.7	10.7	16.1	





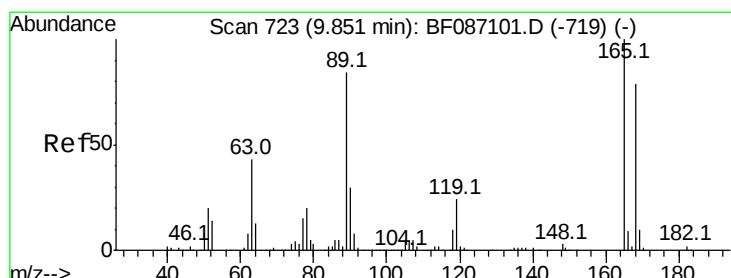
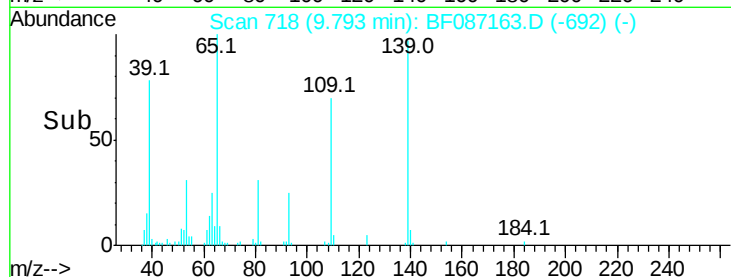
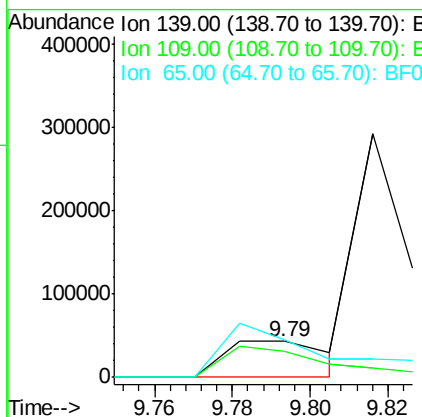
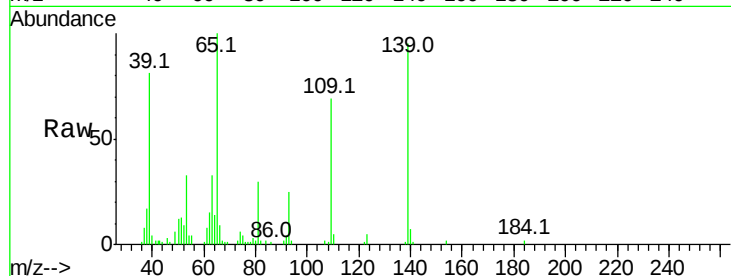
#55
4-Nitrophenol
Concen: 40.08 ng/ml
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.0	36.9	76.9
65	104.8	64.0	104.0

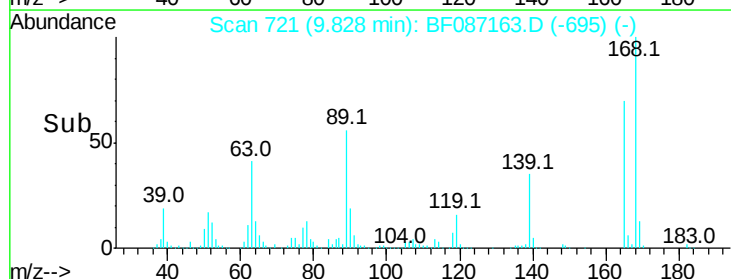
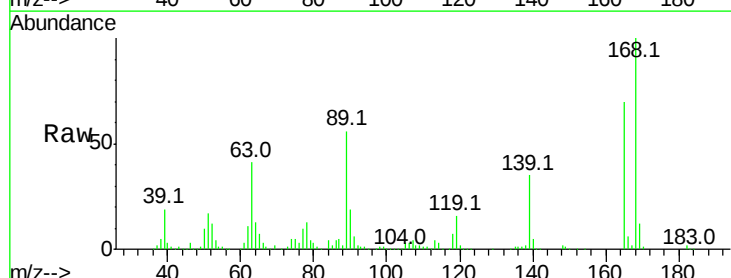
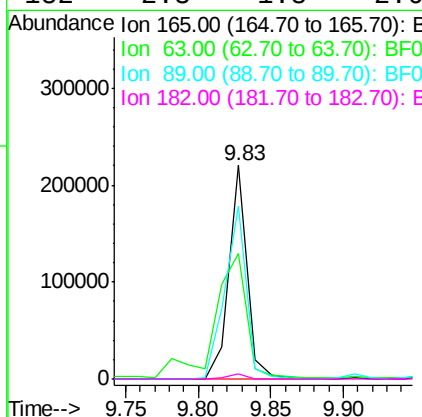
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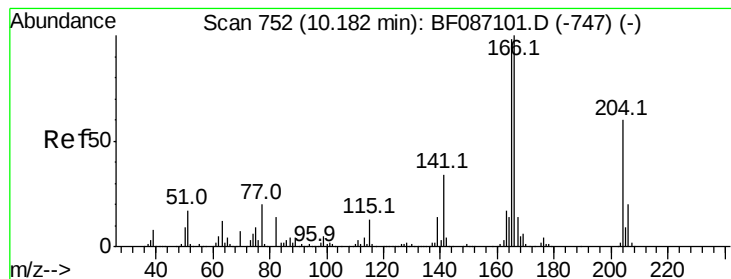
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#56
2,4-Dinitrotoluene
Concen: 39.31 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.5	44.3	66.5
89	80.6	70.0	105.0
182	2.3	1.8	2.6





#57

Fluorene

Concen: 36.33 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

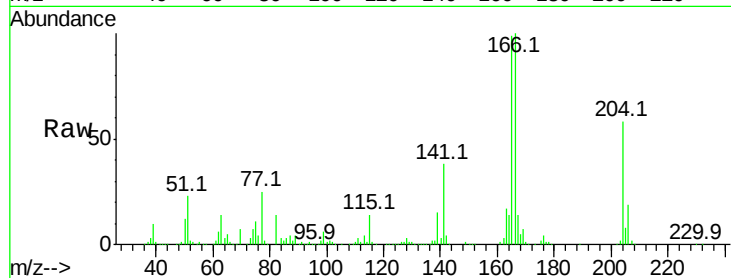
ClientSampleId :

SSTDCCC040EC

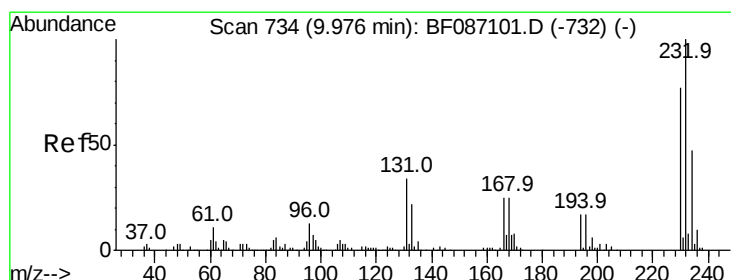
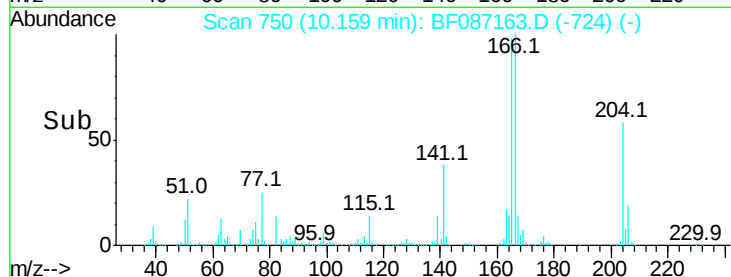
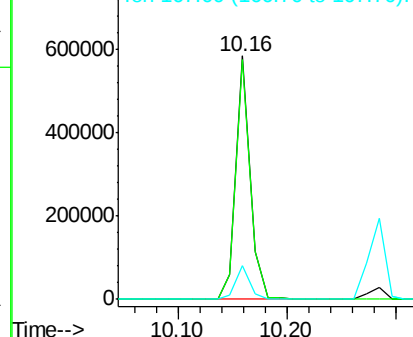
Tot Ion:	166	Resp:	527786
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.6
167	13.6	10.6	15.8

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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: 38.25 ng

RT: 9.95 min Scan# 732

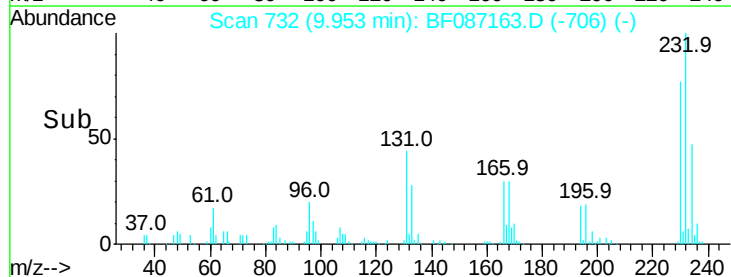
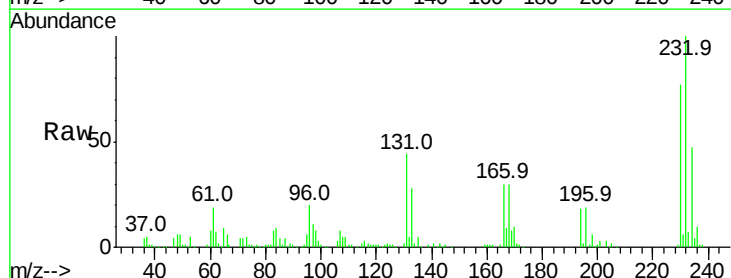
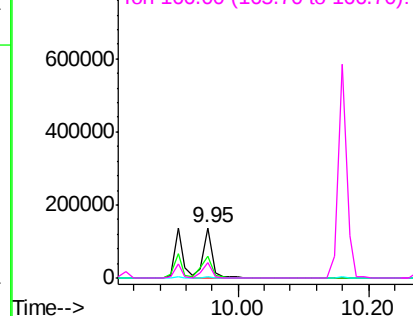
Delta R.T. 0.00 min

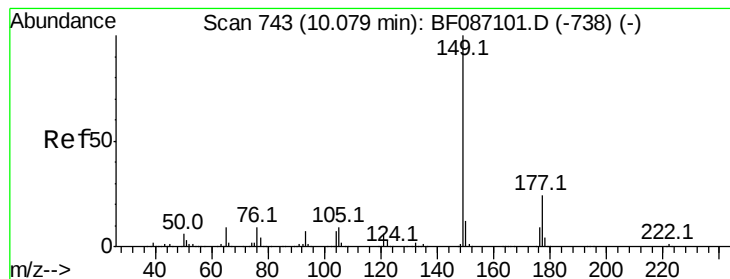
Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	232	Resp:	134998
Ion Ratio	Lower	Upper	
232	100		
131	49.1	41.9	62.9
130	2.4	2.2	3.4
166	30.4	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: 39.16 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

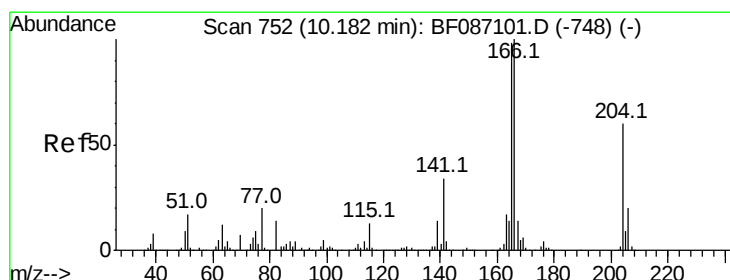
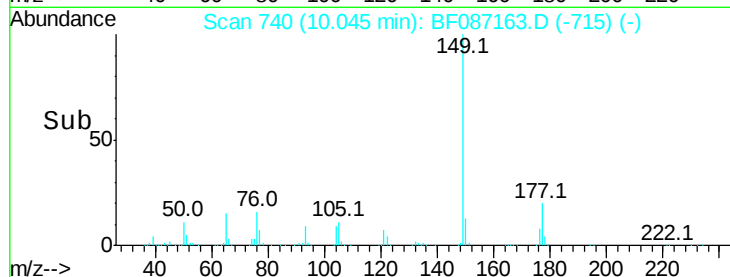
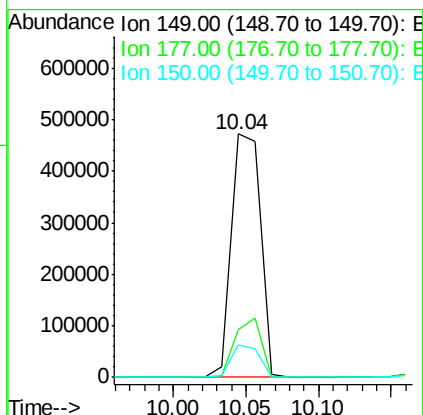
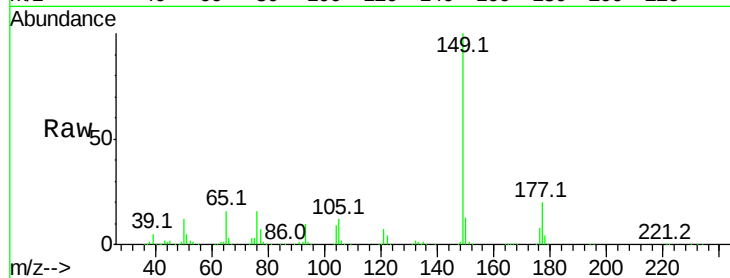
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	656695
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.6	24.8
150	13.3	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 41.76 ng

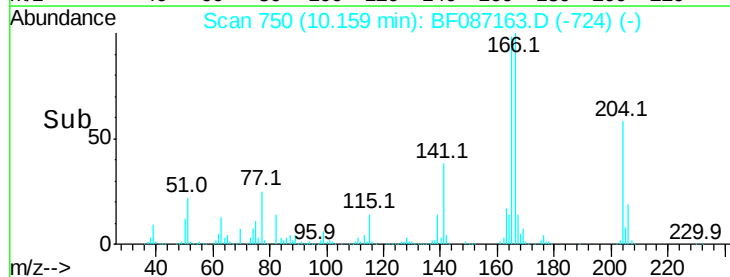
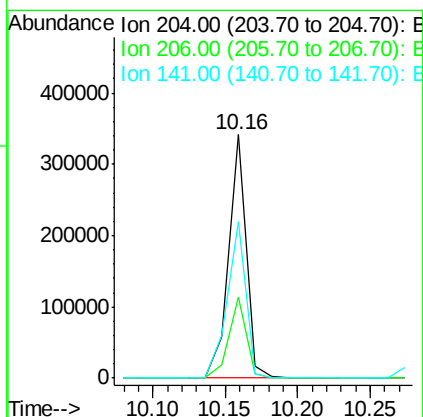
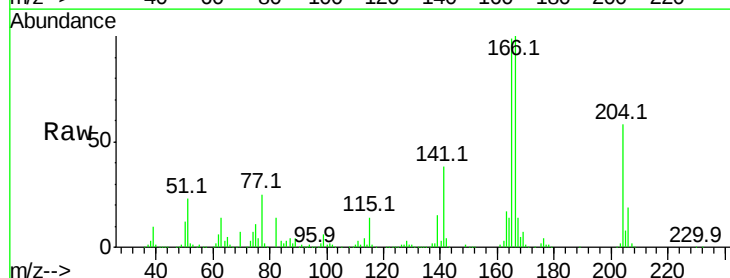
RT: 10.16 min Scan# 750

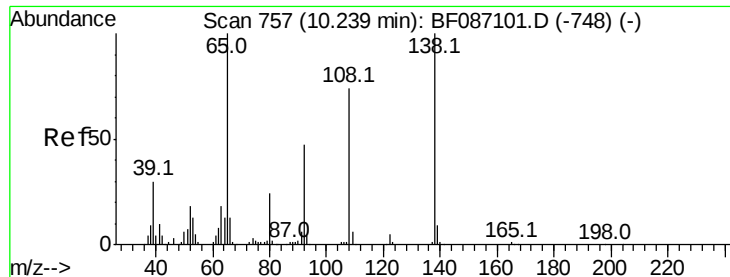
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	204	Resp:	287612
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.4	38.0
141	64.3	61.6	92.4





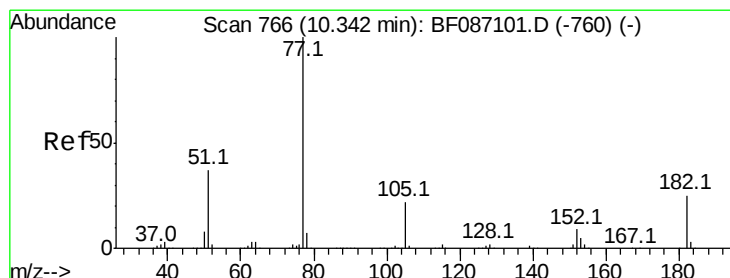
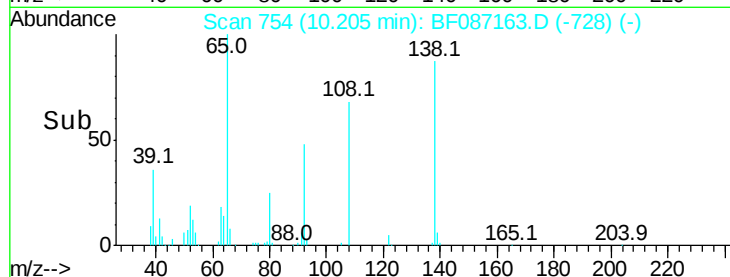
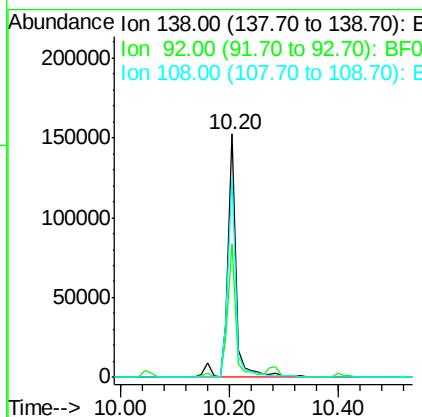
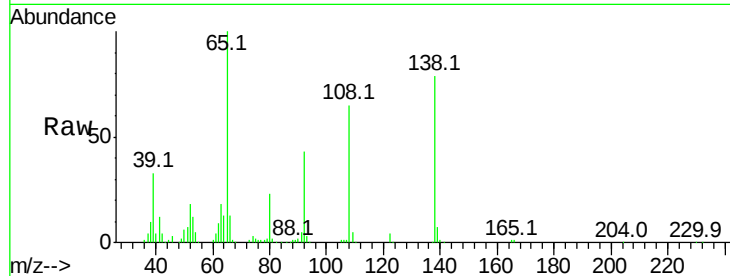
#61
4-Nitroaniline
Concen: 40.58 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	24.7	64.7
108	82.1	37.4	77.4

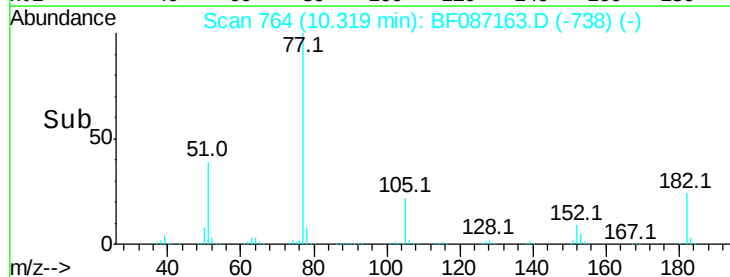
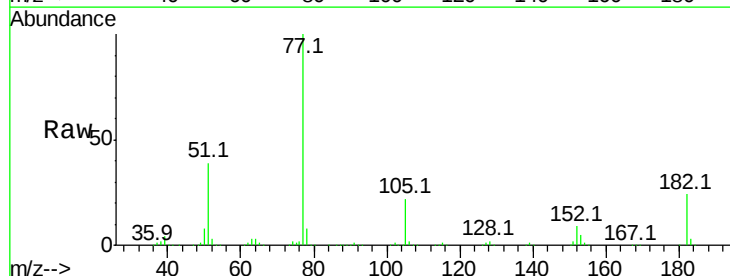
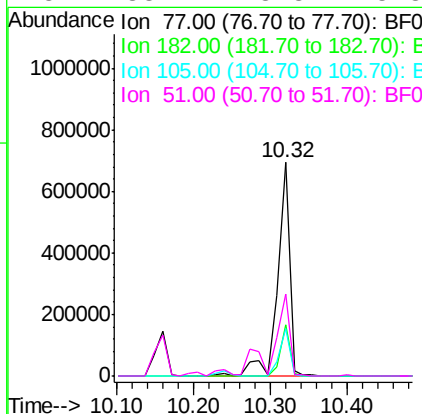
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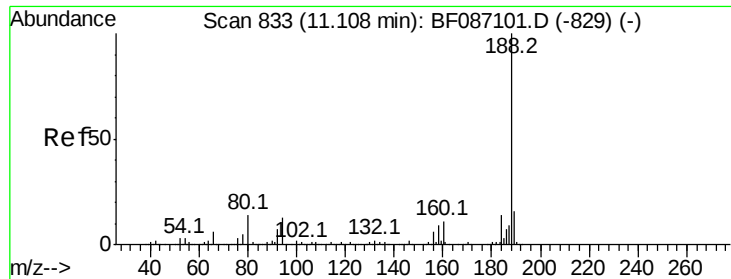
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#62
Azobenzene
Concen: 38.69 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.0	38.8
105	22.1	3.2	43.2
51	38.7	8.8	48.8





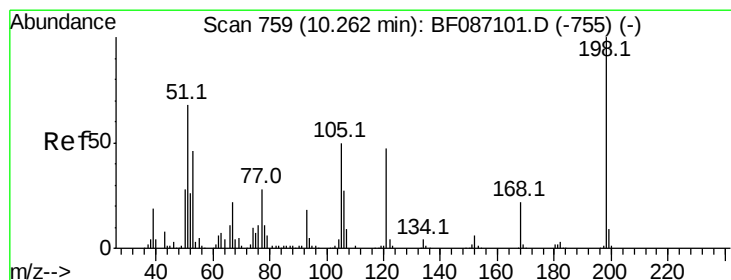
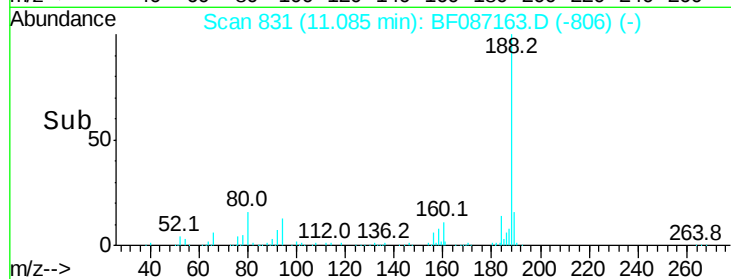
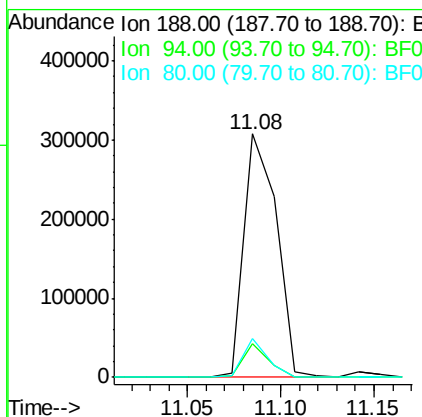
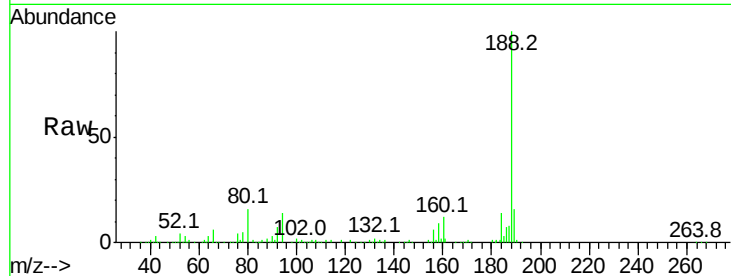
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.0	6.8	10.2#	
80	15.8	7.1	10.7#	

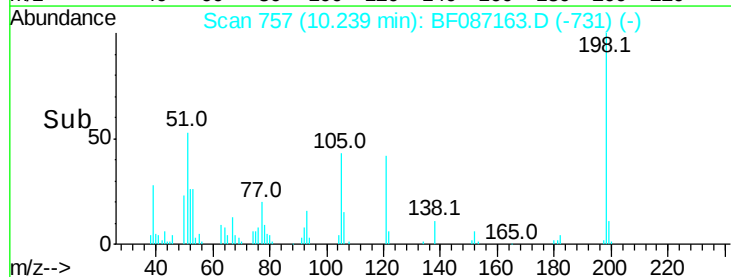
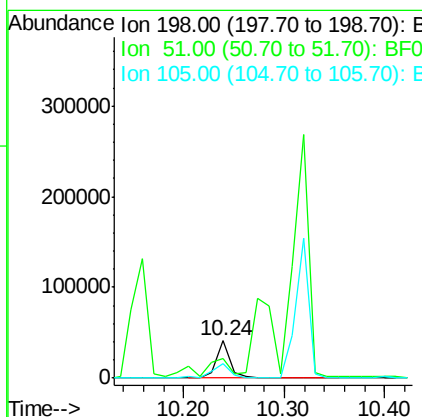
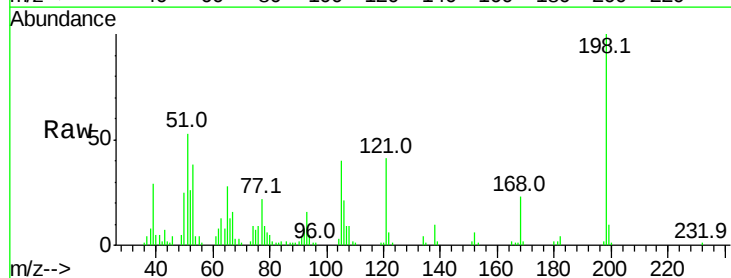
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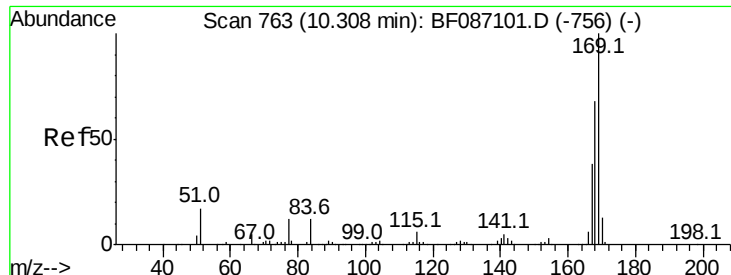
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#64
4,6-Dinitro-2-methylphenol
Concen: 16.11 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	52.9	20.5	60.5	
105	40.5	24.5	64.5	





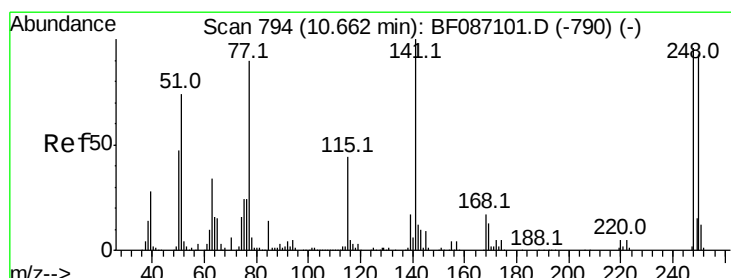
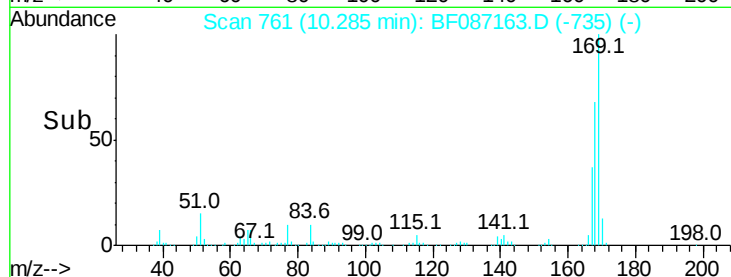
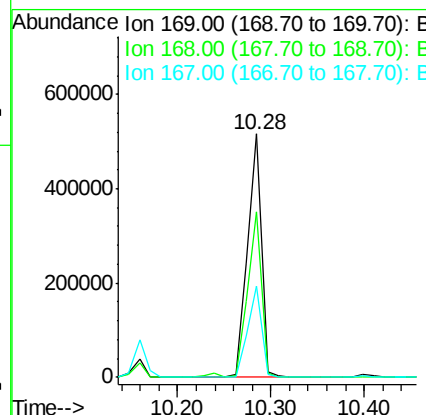
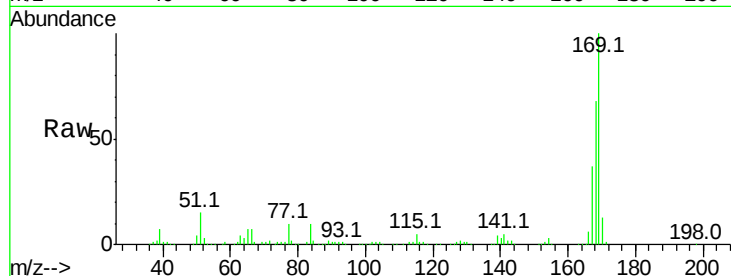
#65
n-Nitrosodiphenylamine
Concen: 45.22 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.2	53.8	80.6	
167	37.4	29.5	44.3	

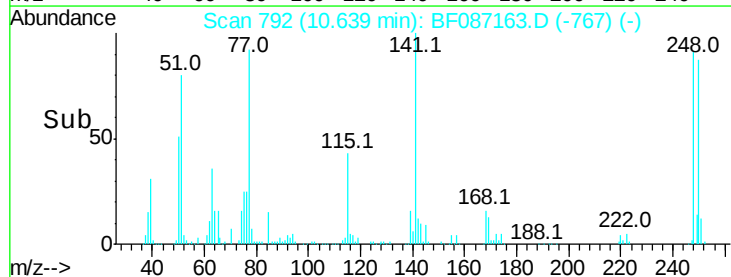
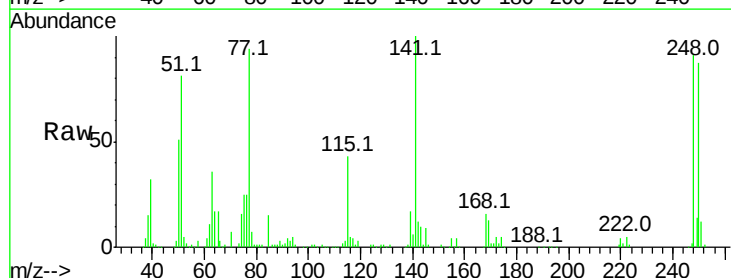
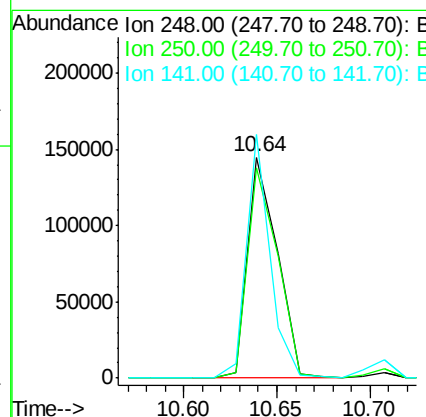
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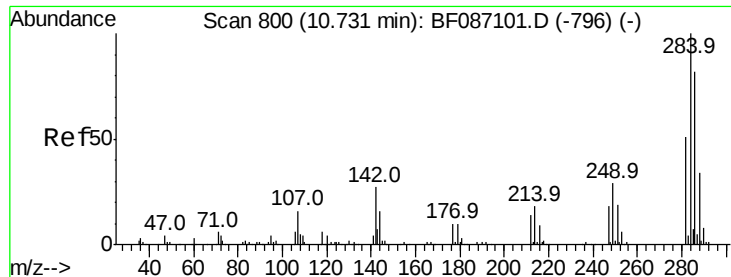
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#66
4-Bromophenyl-phenylether
Concen: 41.45 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.5	78.6	117.8	
141	110.3	76.0	114.0	





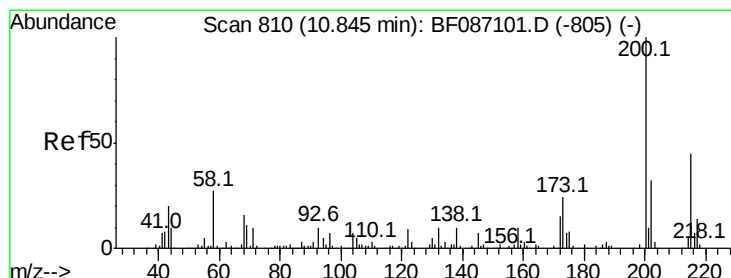
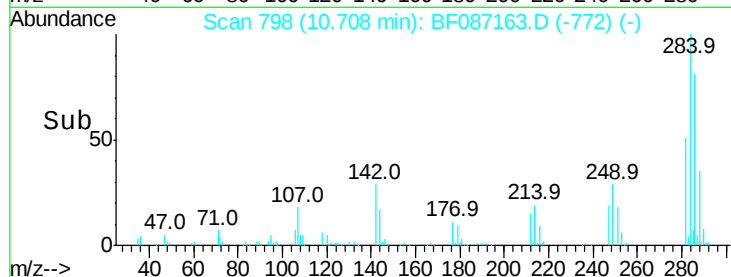
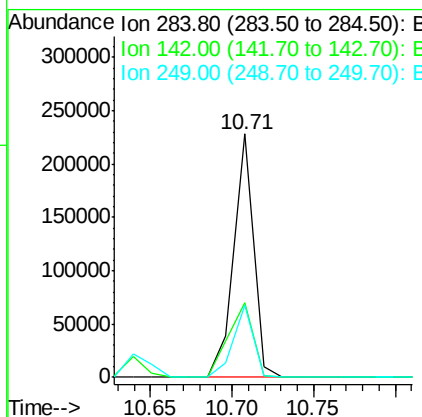
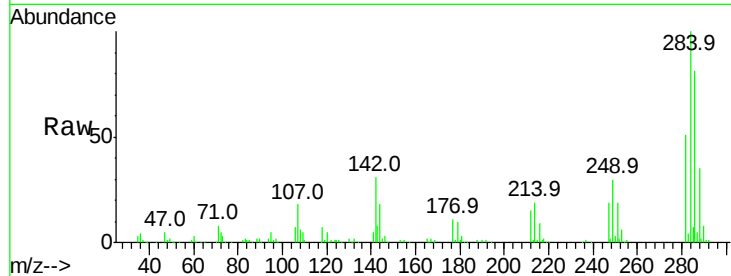
#67
Hexachlorobenzene
Concen: 42.31 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	190692		
142	30.9	16.7	25.1#	
249	29.8	21.3	31.9	

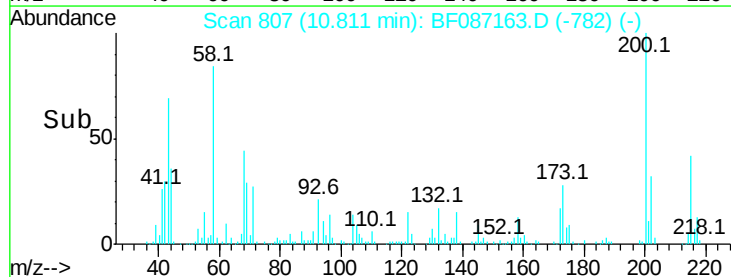
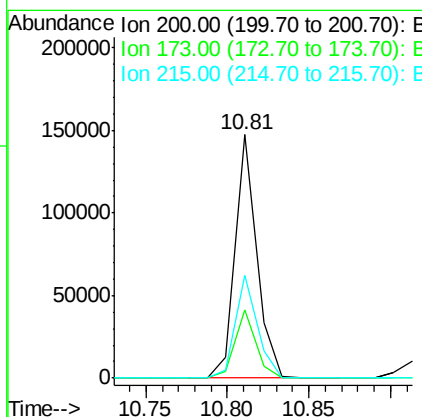
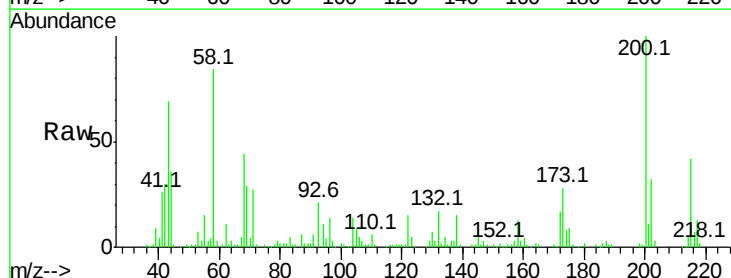
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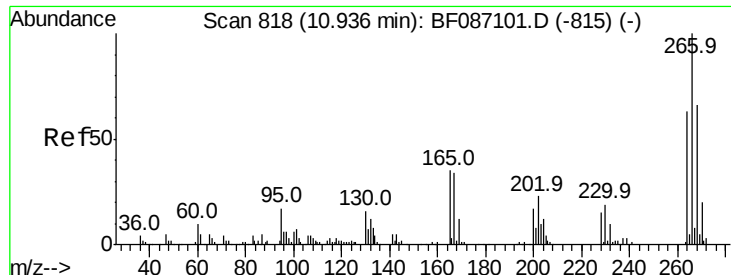
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#68
Atrazine
Concen: 34.62 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	134339		
173	27.9	8.5	48.5	
215	42.1	27.2	67.2	





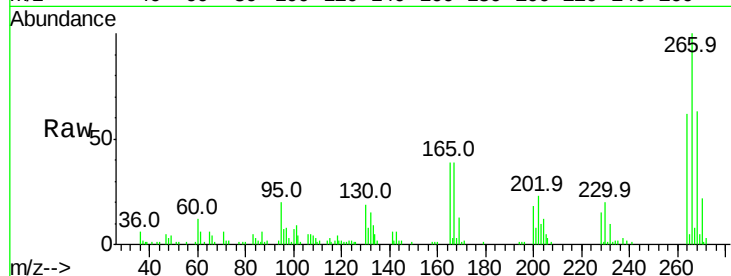
#69
 Pentachlorophenol
 Concen: 42.00 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

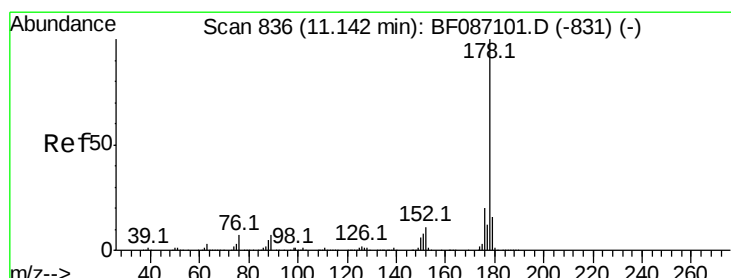
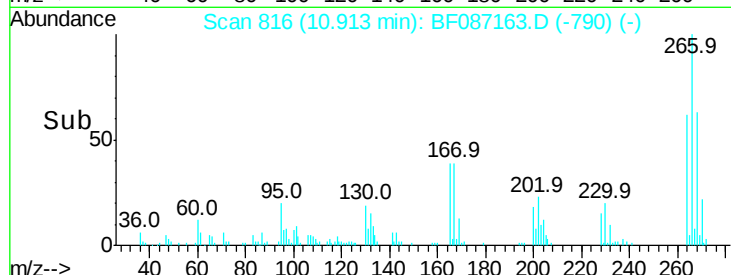
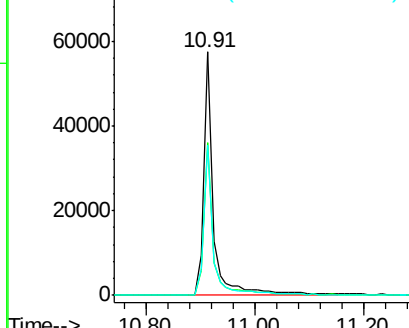
Tot Ion	Ratio	Resp	Lower	Upper
266	100	71112		
268	62.6	51.5	77.3	
264	61.9	52.9	79.3	

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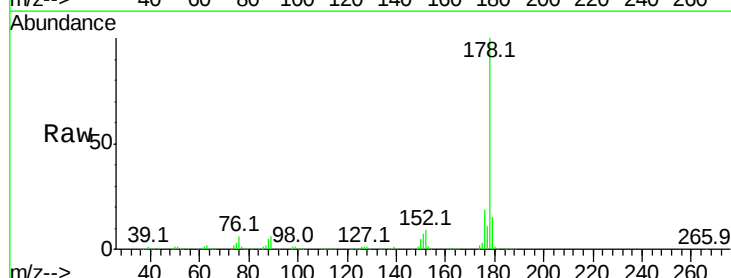


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

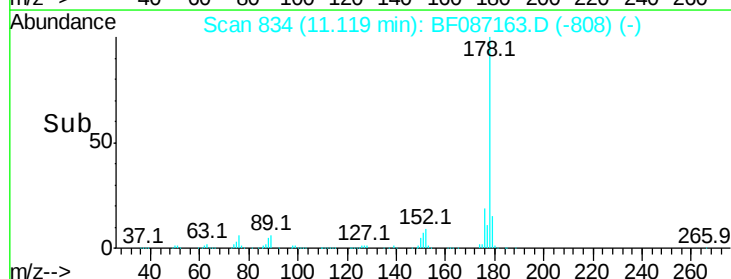
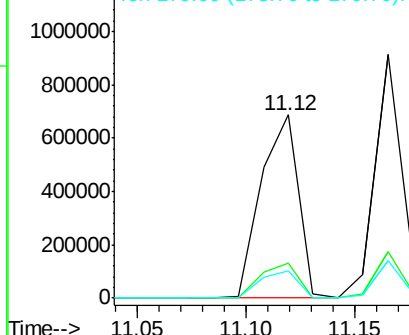


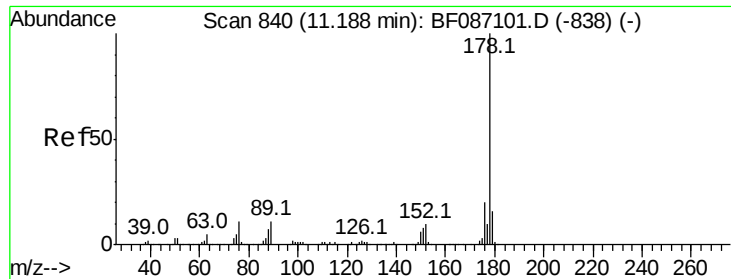
#70
 Phenanthrene
 Concen: 40.27 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	825671		
176	19.2	16.0	24.0	
179	15.0	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: 39.20 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

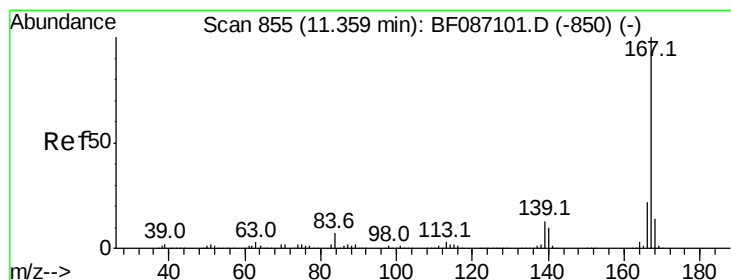
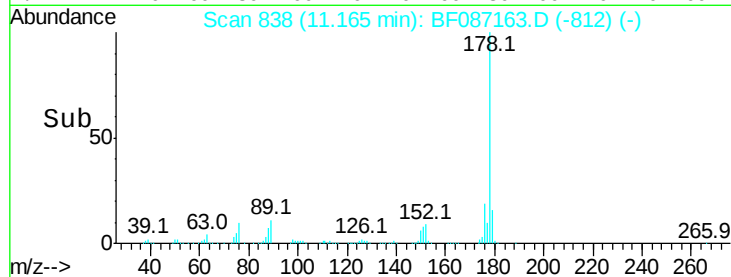
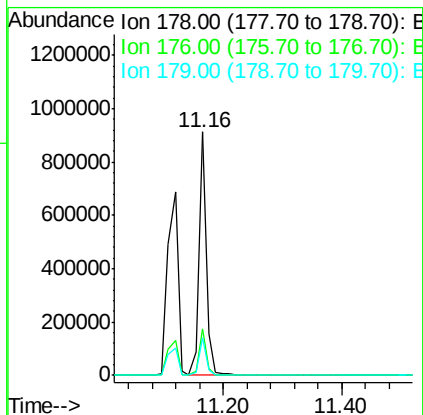
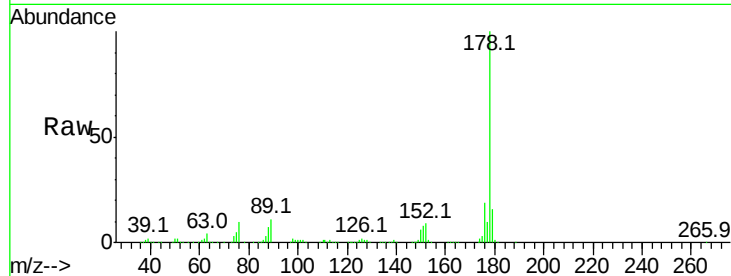
ClientSampleId :

SSTDCCC040EC

Tot Ion:178	Resp:	812837
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.6 23.4
179	15.5	12.7 19.1

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#72

Carbazole

Concen: 38.19 ng

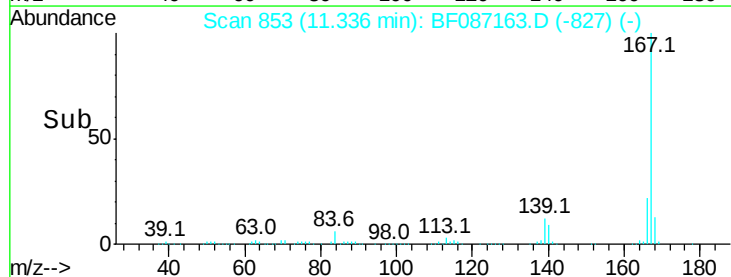
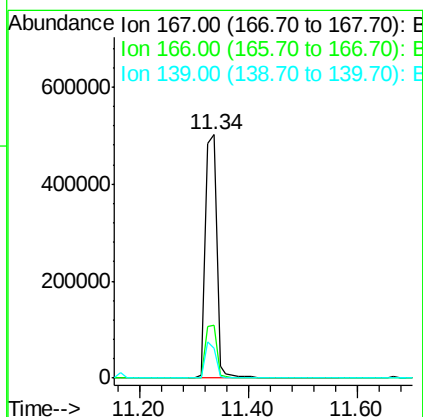
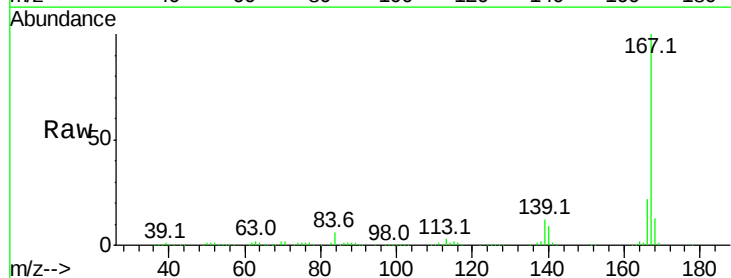
RT: 11.34 min Scan# 853

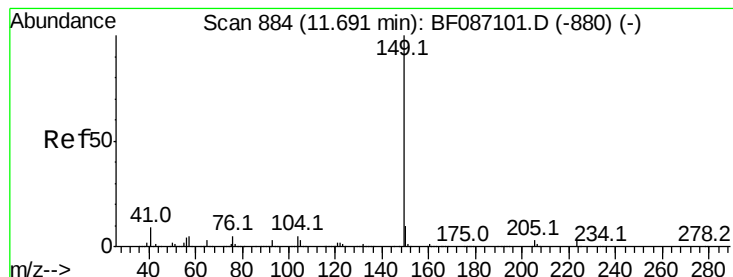
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:167	Resp:	723363
Ion Ratio	Lower	Upper
167	100	
166	21.6	17.7 26.5
139	12.0	10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.40 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

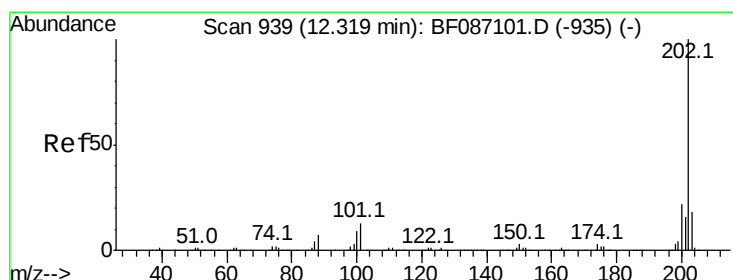
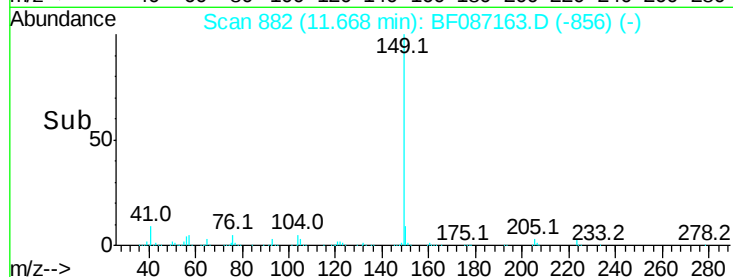
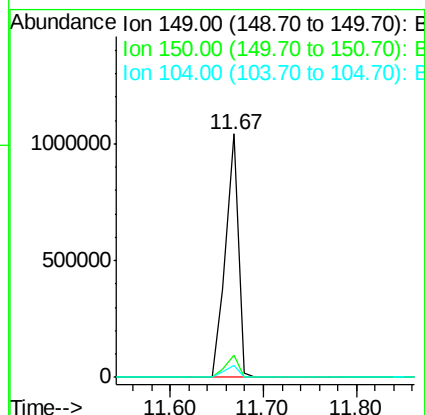
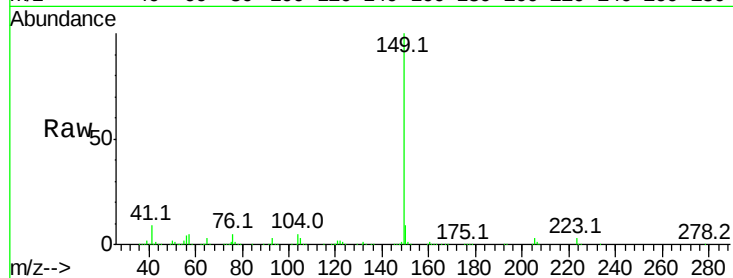
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	987820
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.0	3.8	5.6

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#74

Fluoranthene

Concen: 37.91 ng

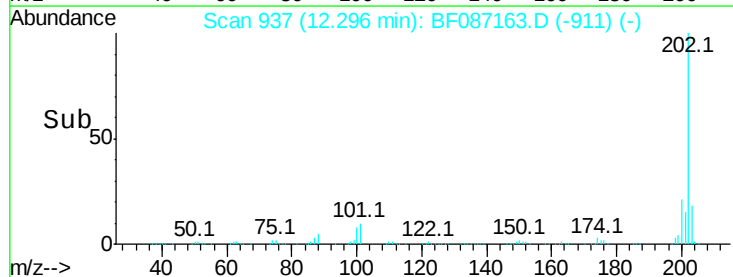
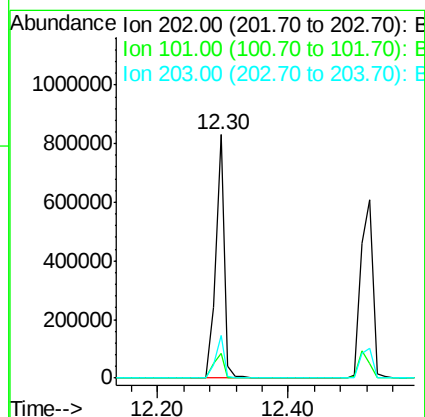
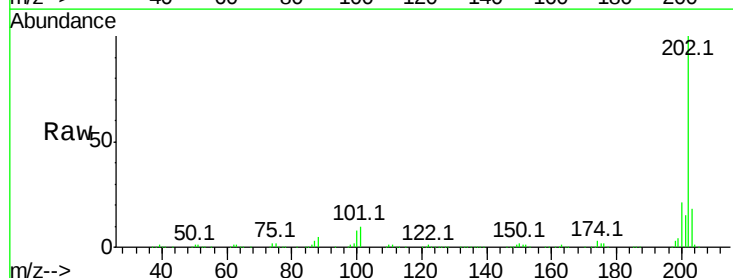
RT: 12.30 min Scan# 937

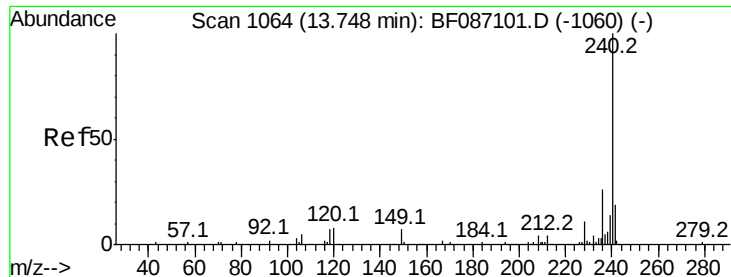
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion:	202	Resp:	778695
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	35.4
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

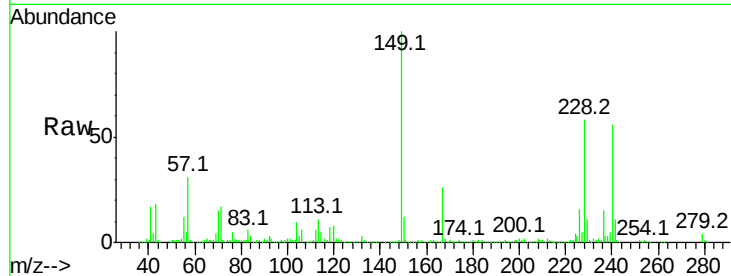
ClientSampleId :

SSTDCCC040EC

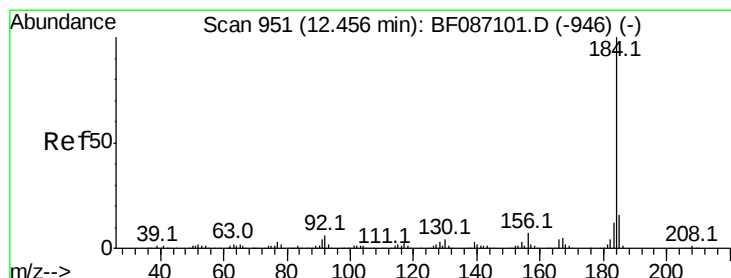
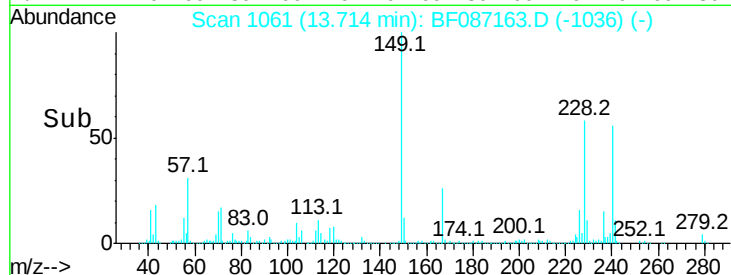
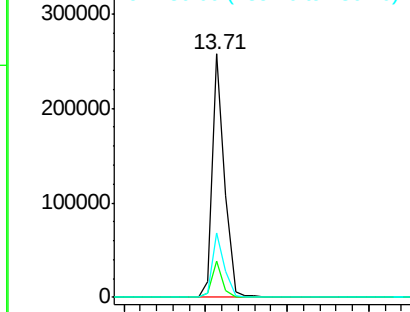
Tot Ion:	240	Resp:	269738
Ion Ratio	Lower	Upper	
240	100		
120	15.1	11.2	16.8
236	26.6	21.2	31.8

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



#76

Benzidine

Concen: 43.49 ng

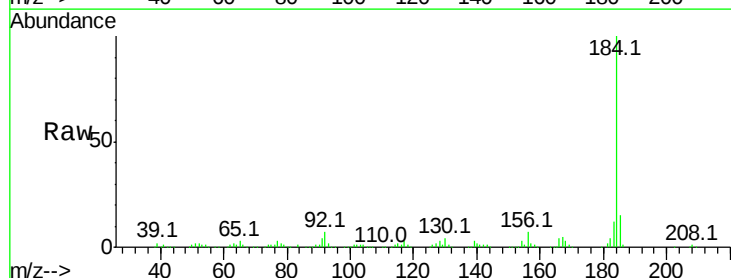
RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

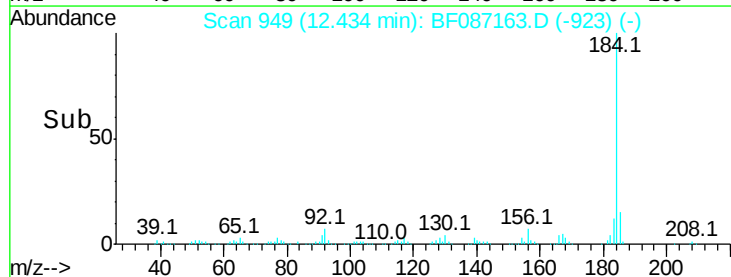
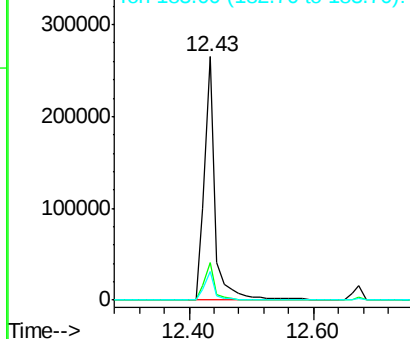
Lab File: BF087163.D

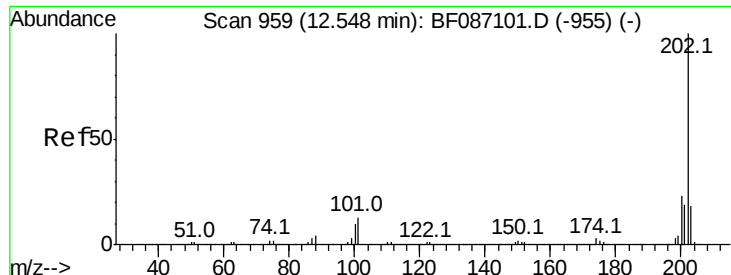
Acq: 19 May 2016 00:38

Tgt Ion:	184	Resp:	320515
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.6	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





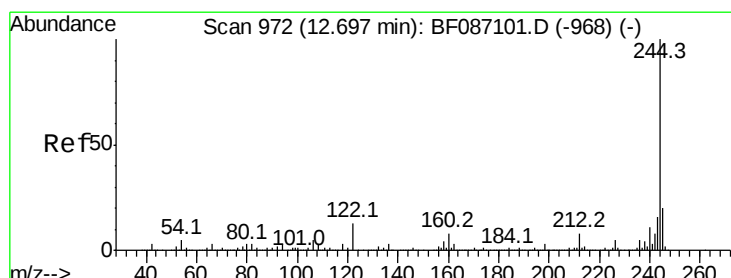
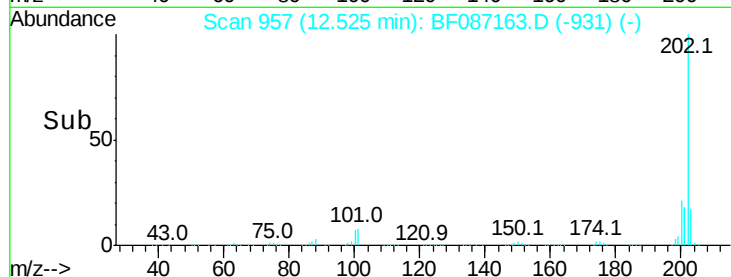
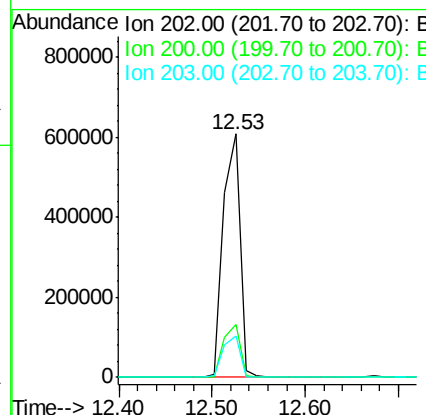
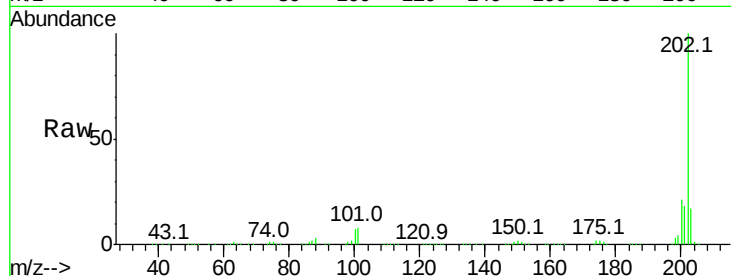
#77
Pvrene
Concen: 38.92 ng
RT: 12.53 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
202	100	758336		
200	21.5		17.7	26.5
203	17.0		14.2	21.4

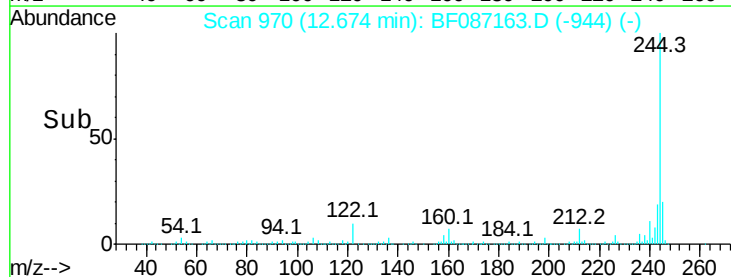
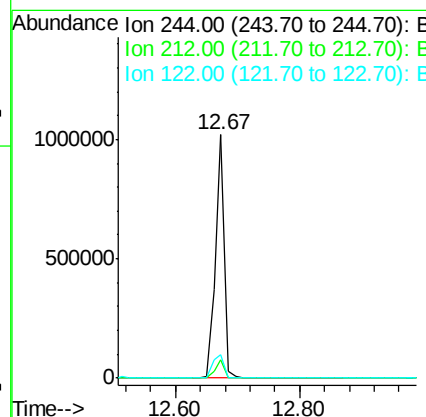
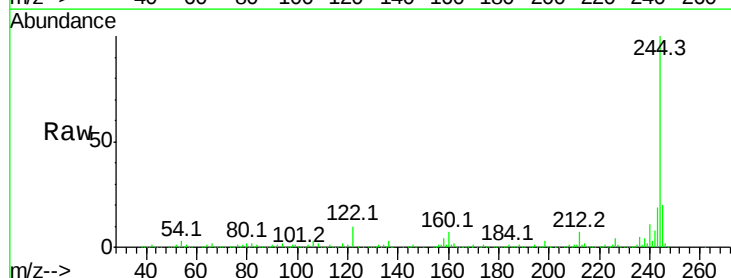
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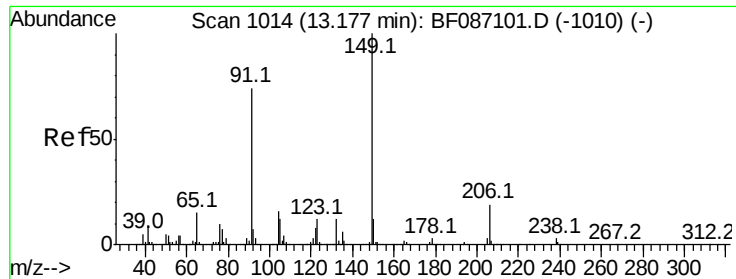
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#78
Terphenyl-d14
Concen: 82.78 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	987066		
212	7.4		6.2	9.2
122	9.8		12.0	18.0#





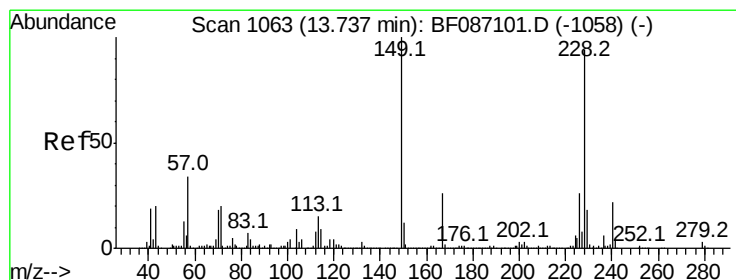
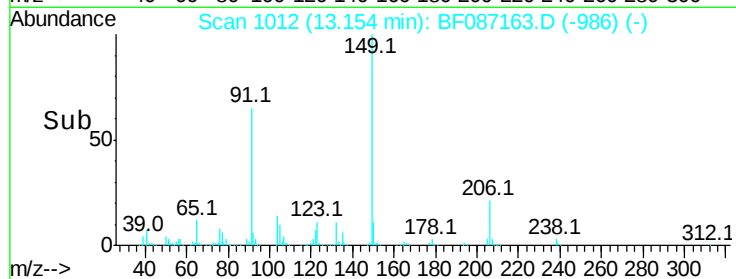
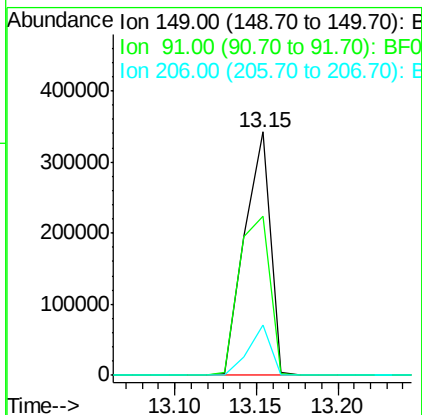
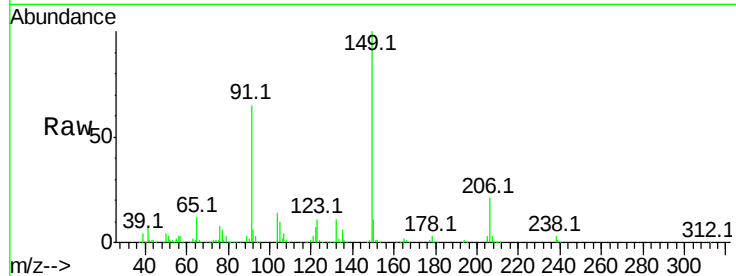
#79
Butylbenzylphthalate
Concen: 45.45 ng
RT: 13.15 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	65.4	48.0	72.0	
206	20.7	15.8	23.6	

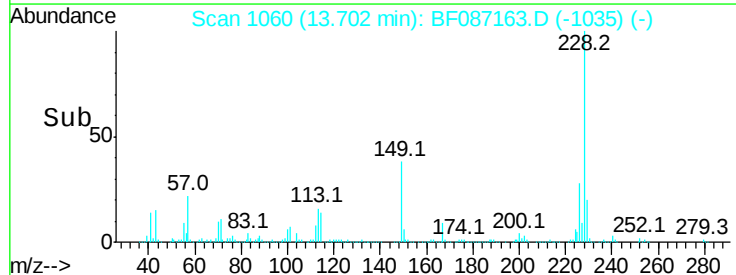
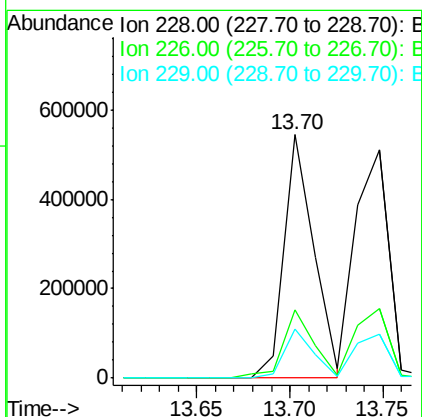
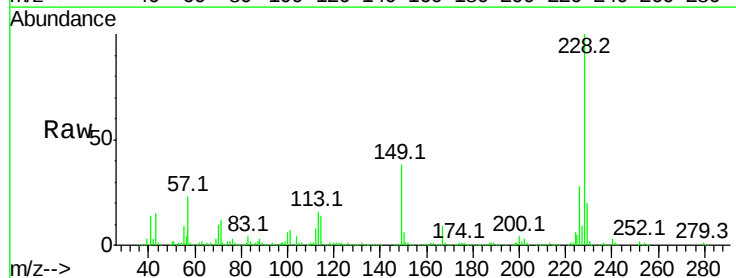
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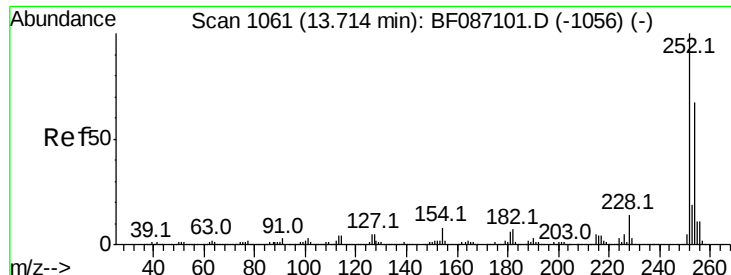
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#80
Benzo(a)anthracene
Concen: 39.11 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2	22.5	33.7	
229	20.4	16.6	25.0	





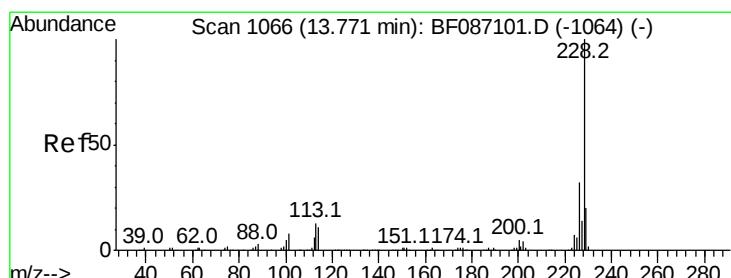
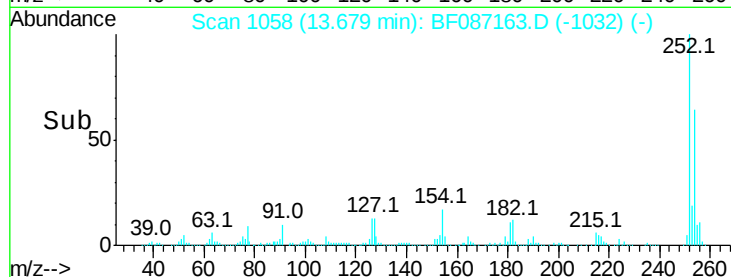
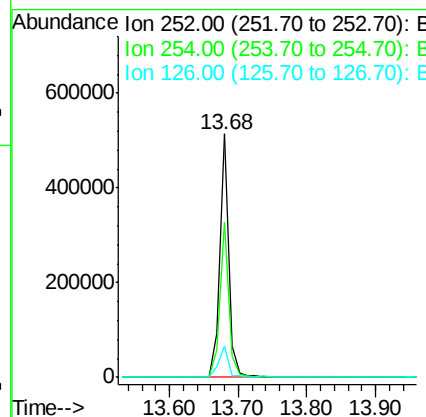
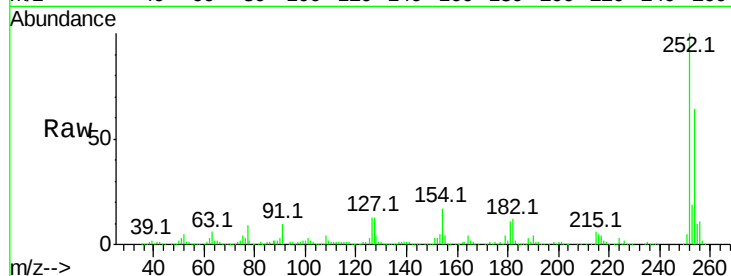
#81
 3,3'-Dichlorobenzidine
 Concen: 48.55 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	50.7	76.1
126	13.0	12.7	19.1

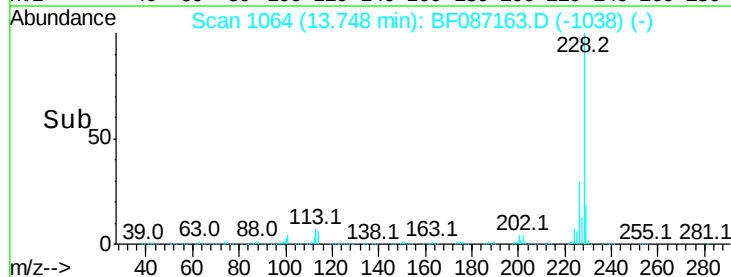
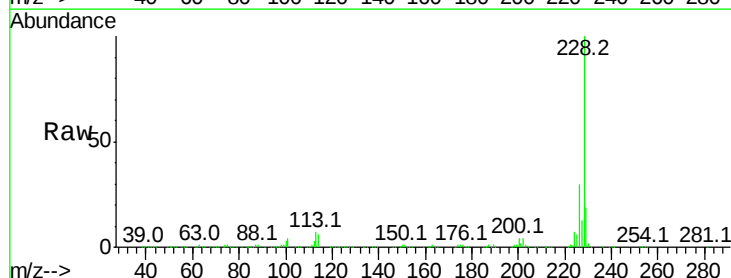
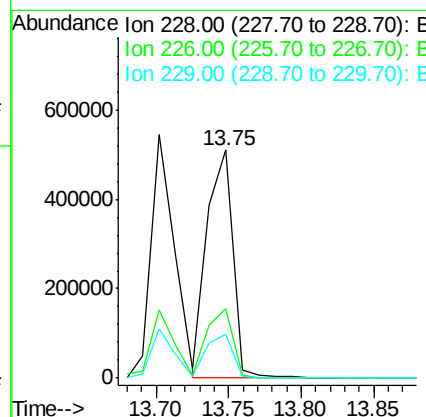
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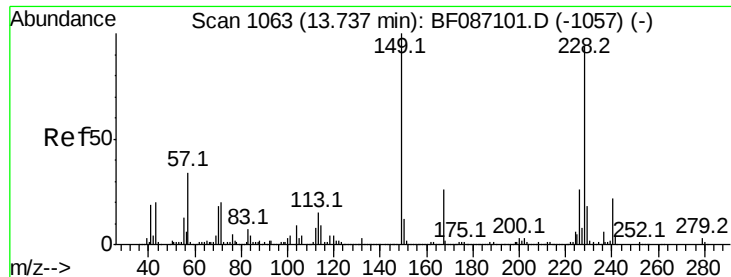
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#82
 Chrysene
 Concen: 42.05 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.50 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 475602

Ion Ratio Lower Upper

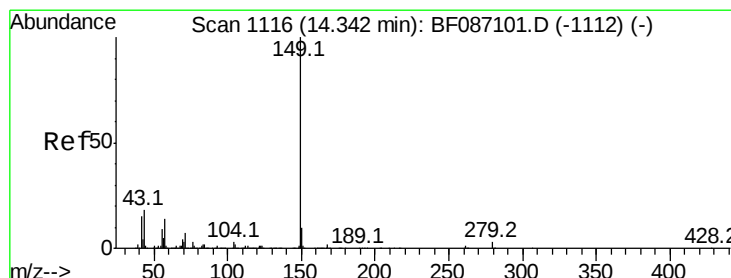
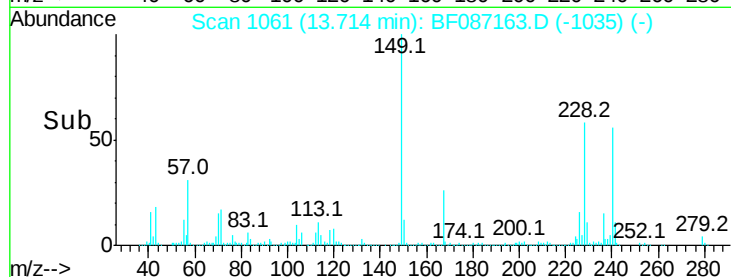
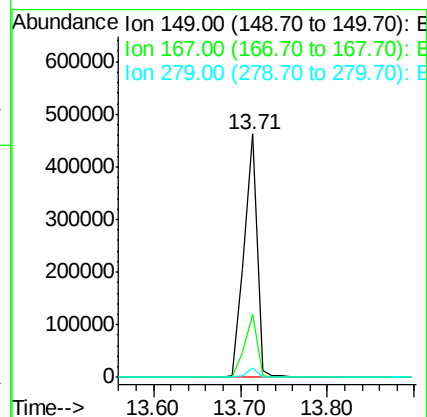
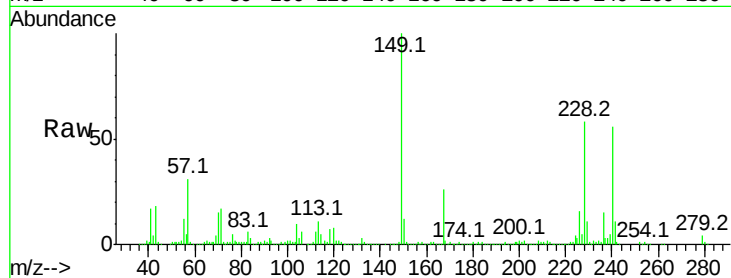
149 100

167 26.2 21.8 32.6

279 3.7 2.6 4.0

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#84

Di-n-octyl phthalate

Concen: 48.42 ng

RT: 14.32 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

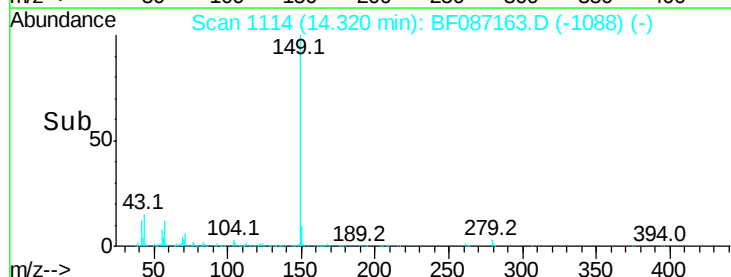
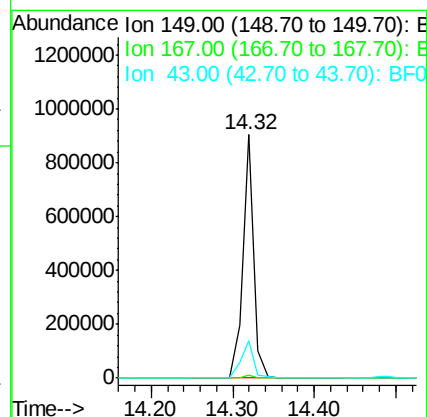
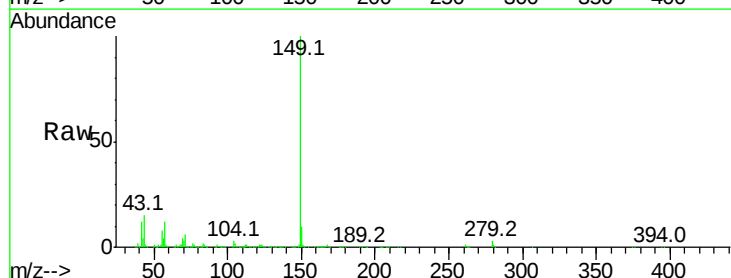
Tgt Ion:149 Resp: 835171

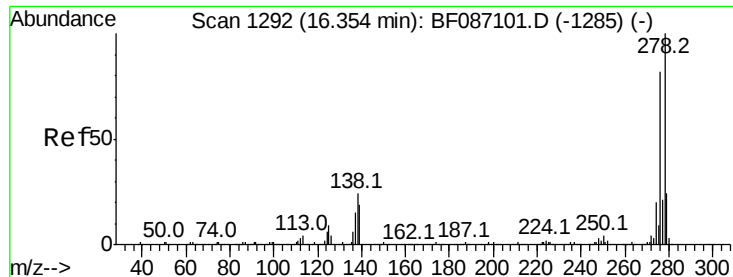
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 17.1 8.2 12.4#





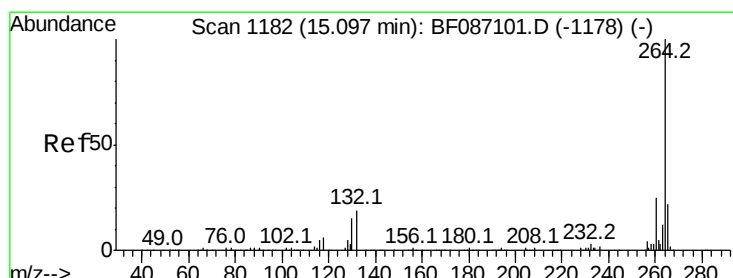
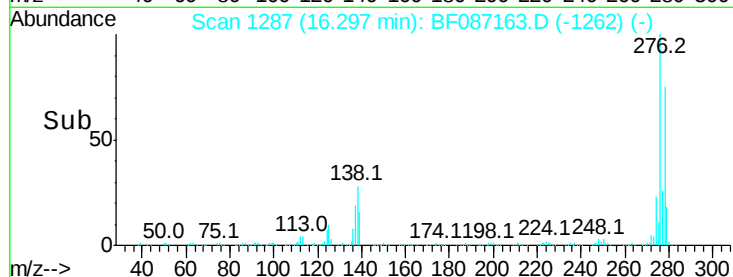
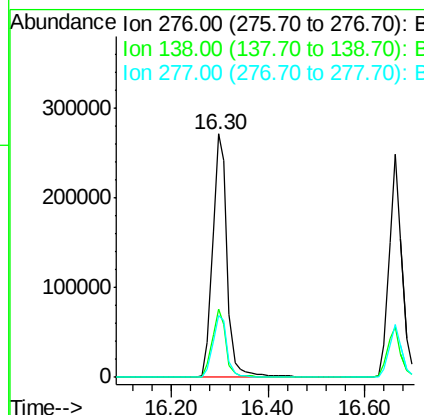
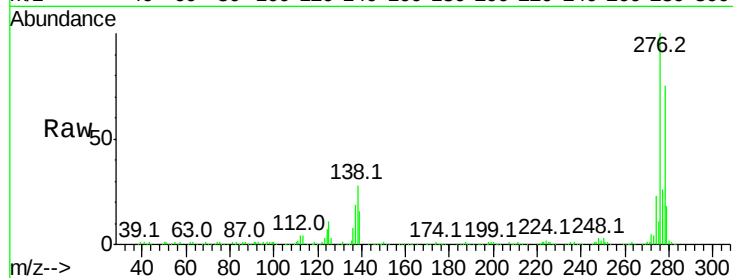
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.86 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	276	Resp:	580959
Ion Ratio	Lower	Upper	
276	100		
138	26.9	25.6	38.4
277	25.7	20.5	30.7

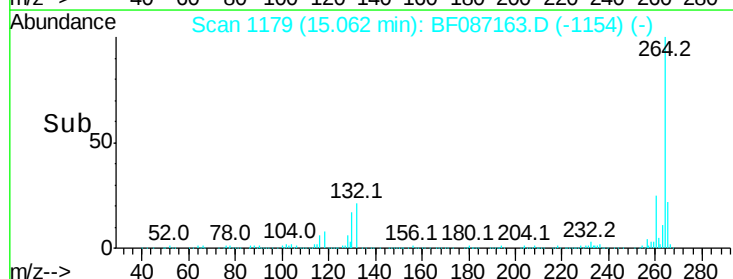
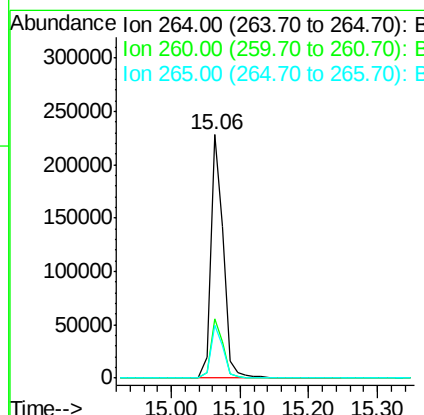
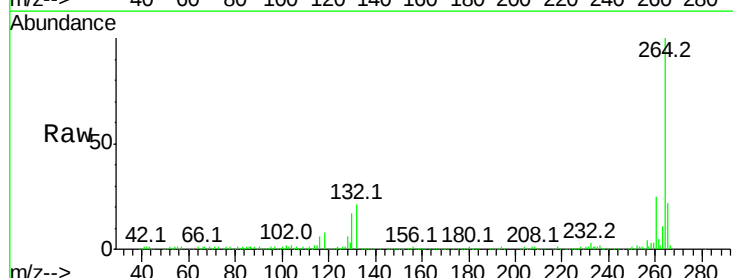
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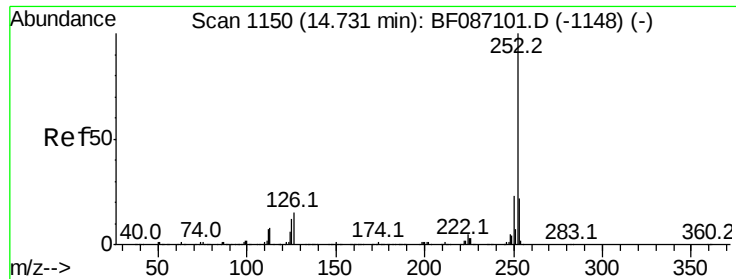
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion:	264	Resp:	289173
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: 37.66 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Instrument :

BNA_F

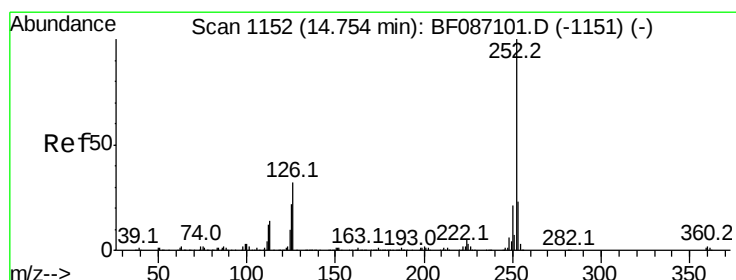
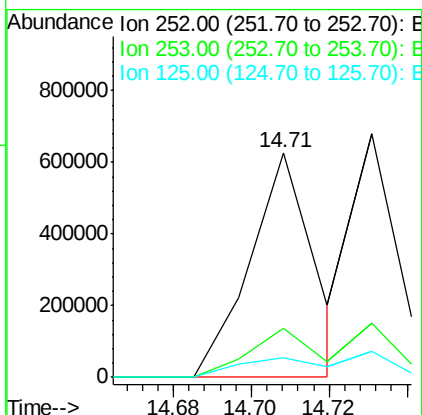
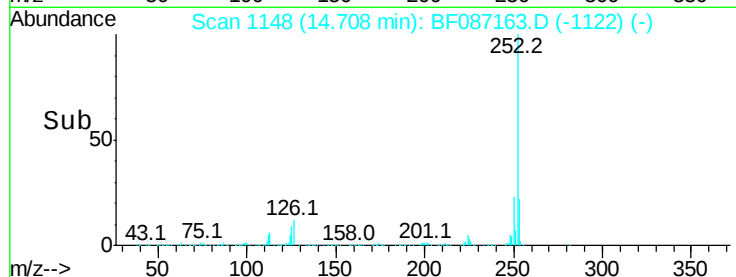
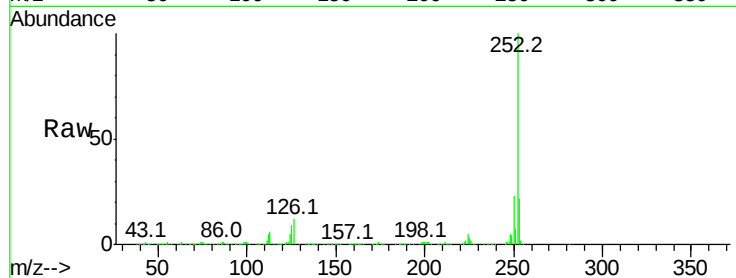
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.0	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 39.52 ng m

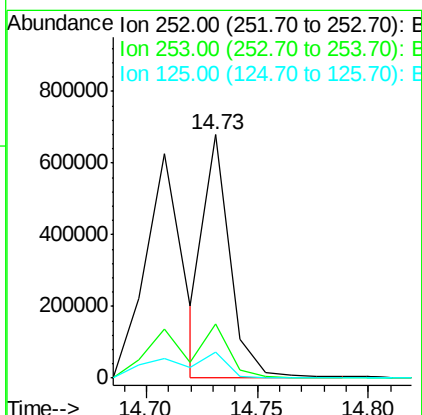
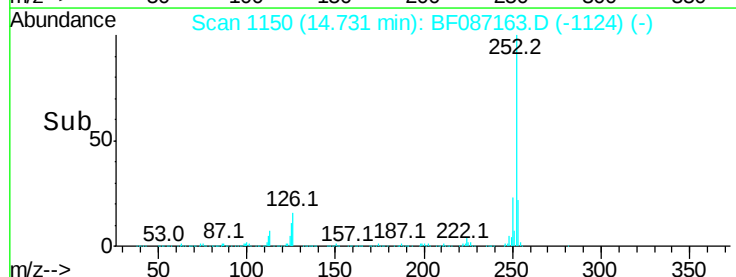
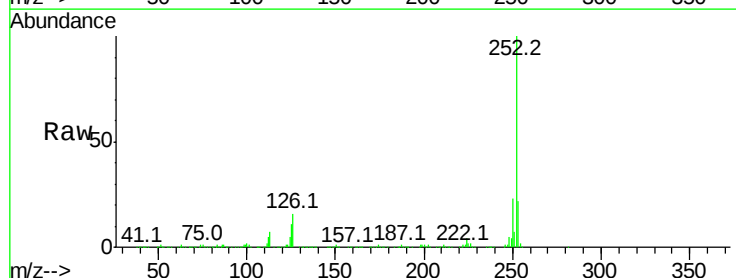
RT: 14.73 min Scan# 1150

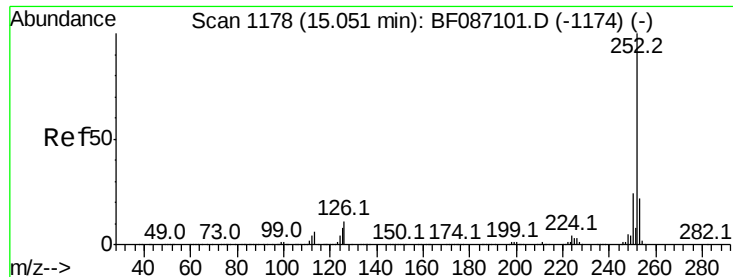
Delta R.T. 0.00 min

Lab File: BF087163.D

Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.7	9.1	13.7





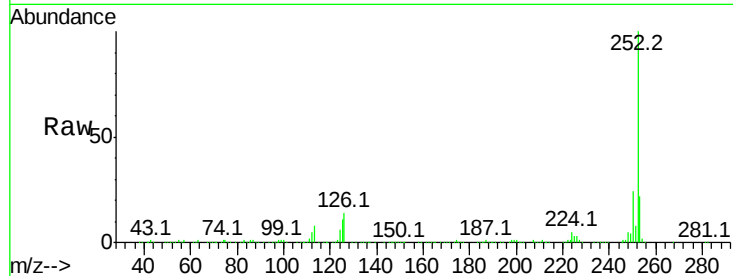
#89
Benzo(a)pyrene
Concen: 37.86 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

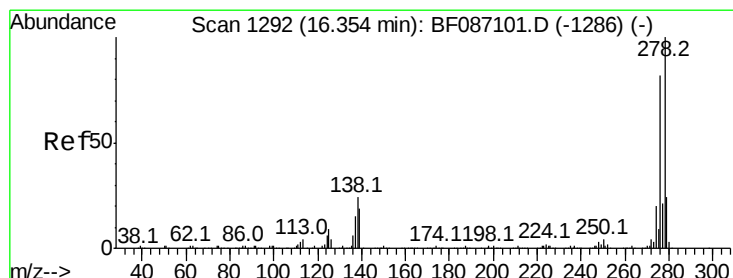
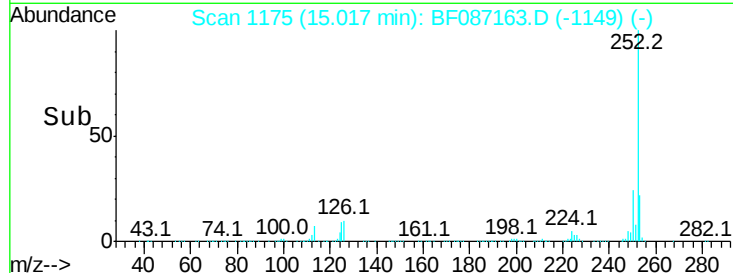
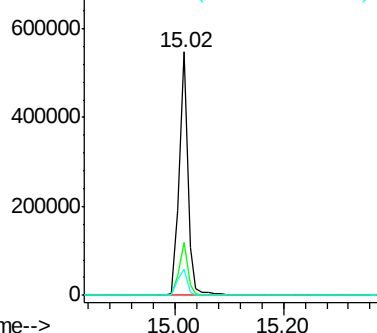
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.9	9.0	13.6

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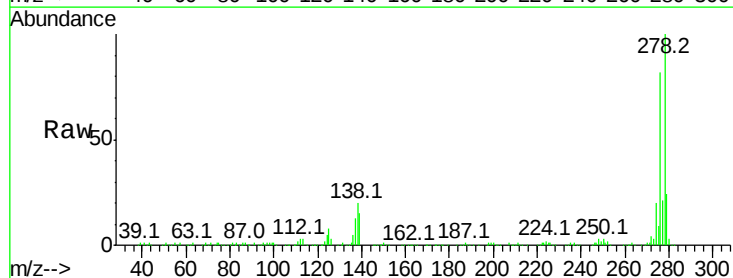


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

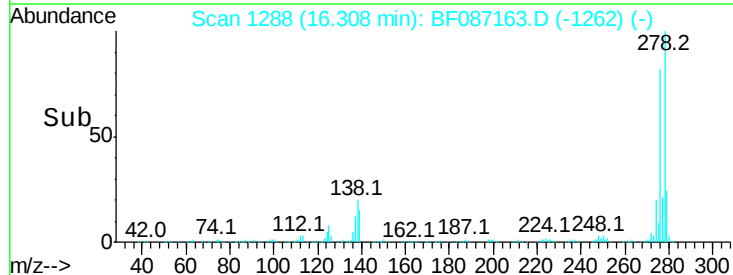
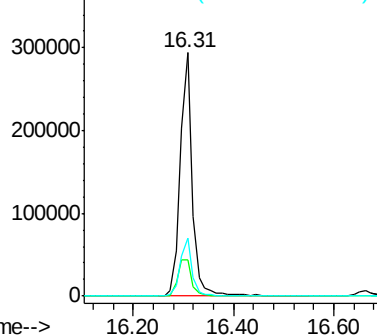


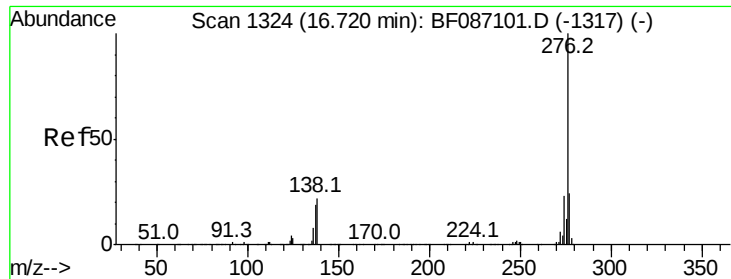
#90
Dibenzo(a,h)anthracene
Concen: 36.51 ng
RT: 16.31 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF087163.D
Acq: 19 May 2016 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.6	24.8#
279	23.8	19.6	29.4



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





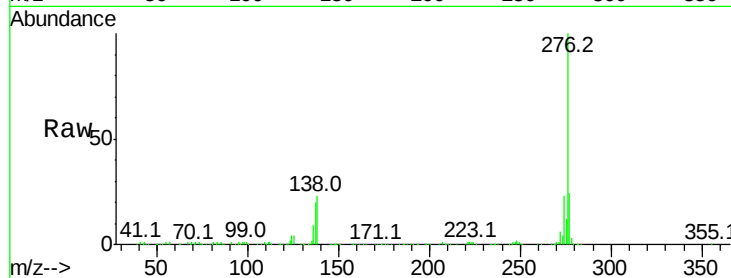
#91
 Benzo(a,h,i)perylene
 Concen: 33.86 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF087163.D
 Acq: 19 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	22.8	23.6	35.4#

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:06:17 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

