

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087142.D
 Acq On : 18 May 2016 10:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 5/18/2016 6:59:58 PM

Quant Time: May 18 13:50:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	124128	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	501392	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	206782	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	319079	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	254278	20.00	ng	-0.01
86) Perylene-d12	15.10	264	217186	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	595352	80.62	ng	-0.02
7) Phenol-d6	6.27	99	753712	76.10	ng	-0.01
23) Nitrobenzene-d5	7.18	82	781315	77.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	138370	60.55	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	1138196	91.16	ng	-0.01
78) Terphenyl-d14	12.70	244	862912	76.77	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	151511	39.88	ng	# 76
3) Pyridine	2.66	79	346399	37.70	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	253927	38.99	ng	# 51
6) Aniline	6.26	93	458373	36.43	ng	97
8) 2-Chlorophenol	6.39	128	348010	38.73	ng	93
9) Benzaldehyde	6.14	77	190393	34.40	ng	93
10) Phenol	6.28	94	456522	36.67	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	337181	36.07	ng	90
12) 1,3-Dichlorobenzene	6.54	146	379974	39.78	ng	99
13) 1,4-Dichlorobenzene	6.62	146	373101	38.18	ng	98
14) 1,2-Dichlorobenzene	6.76	146	335326	39.20	ng	96
15) Benzyl Alcohol	6.76	79	266279	36.11	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	735933	38.29	ng	56
17) 2-Methylphenol	6.89	107	276144	37.42	ng	# 82
18) Hexachloroethane	7.11	117	98829	26.45	ng	# 79
19) n-Nitroso-di-n-propylamine	7.03	70	252710	33.56	ng	# 67
20) 3+4-Methylphenols	7.05	107	366848	37.69	ng	# 59
22) Acetophenone	7.02	105	491922	40.09	ng	# 96
24) Nitrobenzene	7.19	77	365024	33.23	ng	92
25) Isophorone	7.43	82	671727	36.47	ng	96
26) 2-Nitrophenol	7.51	139	133756	29.39	ng	# 75
27) 2,4-Dimethylphenol	7.56	122	279346	35.97	ng	# 85
28) bis(2-Chloroethoxy)methane	7.66	93	390215	38.60	ng	100
29) 2,4-Dichlorophenol	7.76	162	258484	37.77	ng	92
30) 1,2,4-Trichlorobenzene	7.83	180	276132	36.37	ng	94
31) Naphthalene	7.91	128	981615	40.07	ng	99
32) Benzoic acid	7.71	122	152446m	32.94	ng	
33) 4-Chloroaniline	7.98	127	356197	34.98	ng	99
34) Hexachlorobutadiene	8.02	225	161024	37.37	ng	98
35) Caprolactam	8.35	113	78258	34.35	ng	# 49
36) 4-Chloro-3-methylphenol	8.48	107	295193	35.76	ng	97
37) 2-Methylnaphthalene	8.59	142	533478	34.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	247851	41.04	ng	98
40) Hexachlorocyclopentadiene	8.75	237	3695	9.28	ng	85

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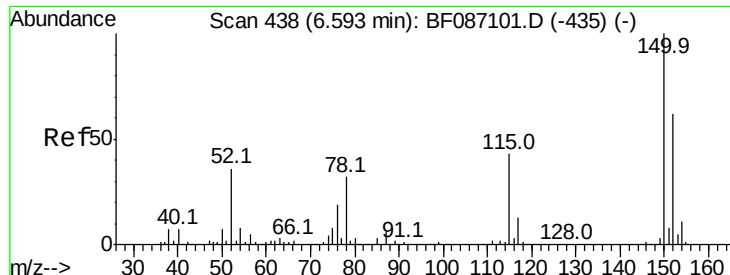
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	158302	40.42	nq	95
43) 2,4,5-Trichlorophenol	8.94	196	155890	38.31	nq	# 79
45) 1,1'-Biphenyl	9.06	154	691862	40.35	nq	96
46) 2-Chloronaphthalene	9.08	162	513913	39.04	nq	94
47) 2-Nitroaniline	9.20	65	217705	43.16	nq	86
48) Acenaphthylene	9.50	152	784441	39.03	nq	99
49) Dimethylphthalate	9.37	163	622840	39.48	nq	99
50) 2,6-Dinitrotoluene	9.44	165	121673	35.52	nq	90
51) Acenaphthene	9.67	154	484974	38.62	nq	98
52) 3-Nitroaniline	9.61	138	156733	42.27	nq	88
53) 2,4-Dinitrophenol	9.74	184	4347	6.82	nq	# 70
54) Dibenzofuran	9.84	168	620920	38.24	nq	95
55) 4-Nitrophenol	9.83	139	79086m	42.74	nq	
56) 2,4-Dinitrotoluene	9.85	165	131849	30.06	nq	# 66
57) Fluorene	10.18	166	519283	39.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	107171	33.82	nq	97
59) Diethylphthalate	10.07	149	582758	38.70	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	243191	39.33	nq	# 77
61) 4-Nitroaniline	10.23	138	153485	41.92	nq	89
62) Azobenzene	10.33	77	577170	33.26	nq	82
64) 4,6-Dinitro-2-methylphenol	10.26	198	11522	5.48	nq	84
65) n-Nitrosodiphenylamine	10.30	169	413690	41.20	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	141777	43.21	nq	98
67) Hexachlorobenzene	10.73	284	161796	42.53	nq	94
68) Atrazine	10.83	200	111898	34.16	nq	94
69) Pentachlorophenol	10.94	266	55287	38.69	nq	96
70) Phenanthrene	11.13	178	656787	37.95	nq	100
71) Anthracene	11.19	178	718941	41.07	nq	99
72) Carbazole	11.35	167	594785	37.20	nq	98
73) Di-n-butylphthalate	11.69	149	822981	44.81	nq	99
74) Fluoranthene	12.32	202	709878	40.94	nq	94
76) Benzidine	12.46	184	278238	38.28	nq	96
77) Pyrene	12.55	202	723133	39.37	nq	99
79) Butylbenzylphthalate	13.18	149	341754	44.07	nq	# 85
80) Benzo(a)anthracene	13.74	228	580518	39.48	nq	98
81) 3,3'-Dichlorobenzidine	13.70	252	452429	48.36	nq	99
82) Chrysene	13.77	228	593799	41.74	nq	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	429498	45.51	nq	96
84) Di-n-octyl phthalate	14.34	149	720075	44.29	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.35	276	430661	34.49	nq	94
87) Benzo(b)fluoranthene	14.73	252	489194m	33.95	nq	
88) Benzo(k)fluoranthene	14.75	252	510468m	47.59	nq	
89) Benzo(a)pyrene	15.05	252	460677	38.25	nq	98
90) Dibenzo(a,h)anthracene	16.35	278	370013	36.49	nq	95
91) Benzo(g,h,i)perylene	16.72	276	346628	33.84	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

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Acq: 18 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 124128

Ion Ratio Lower Upper

152 100

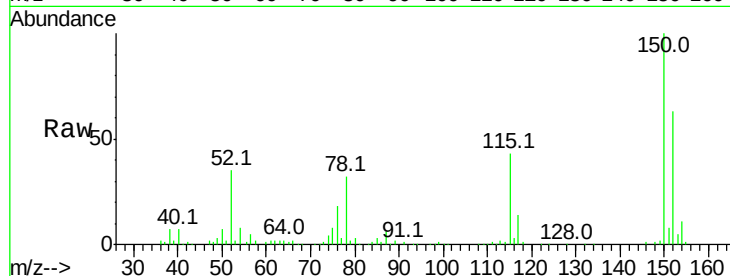
150 158.8 125.8 188.6

115 67.9 51.5 77.3

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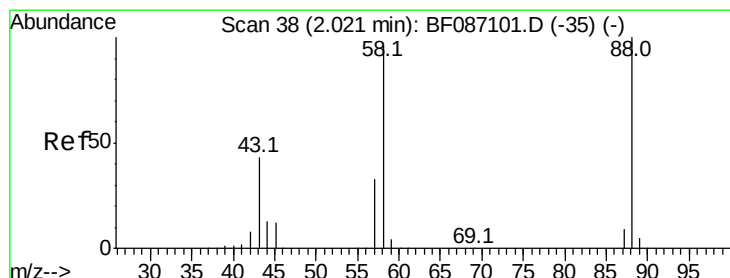
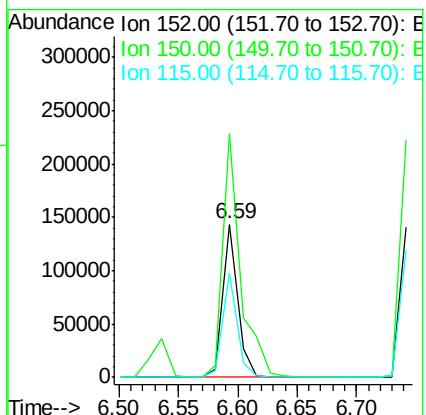
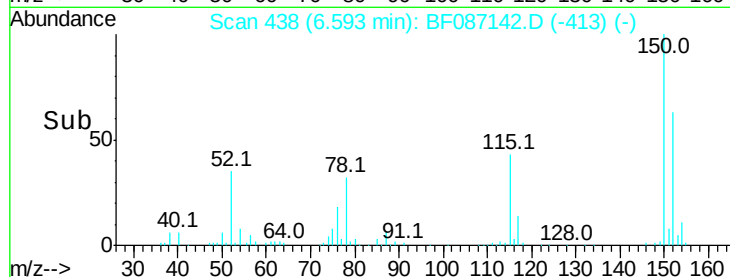
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.88 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.03 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

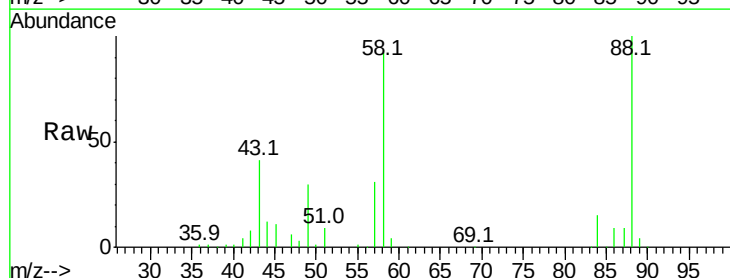
Tgt Ion: 88 Resp: 151511

Ion Ratio Lower Upper

88 100

58 93.0 59.6 89.4#

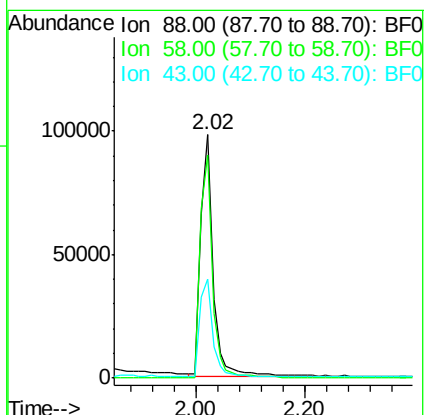
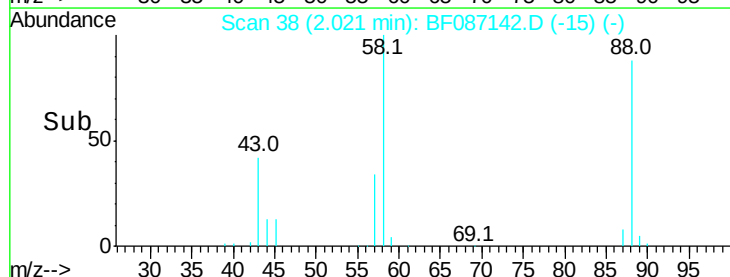
43 42.4 21.8 32.6#

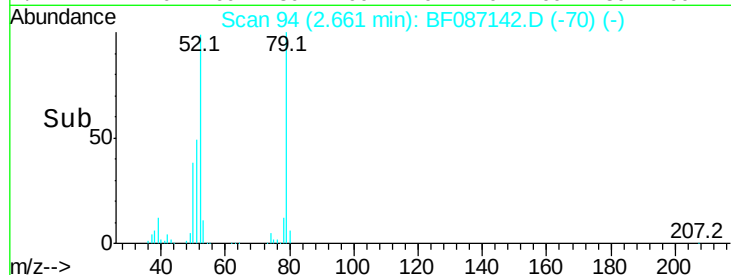
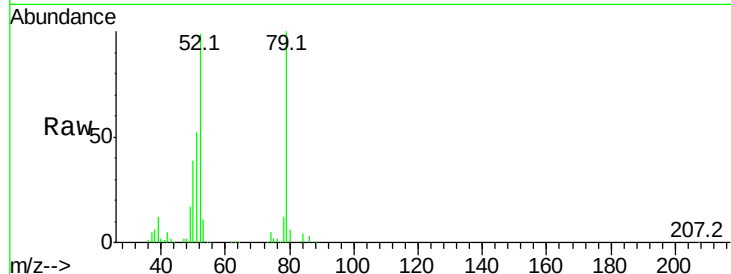
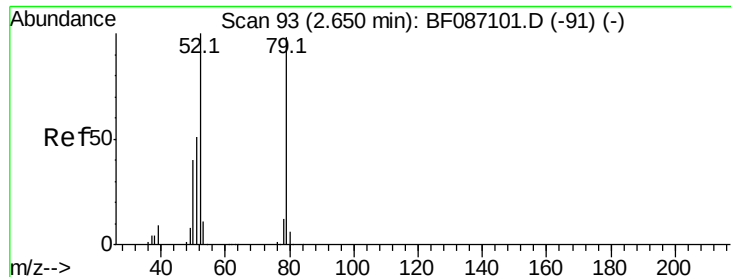


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





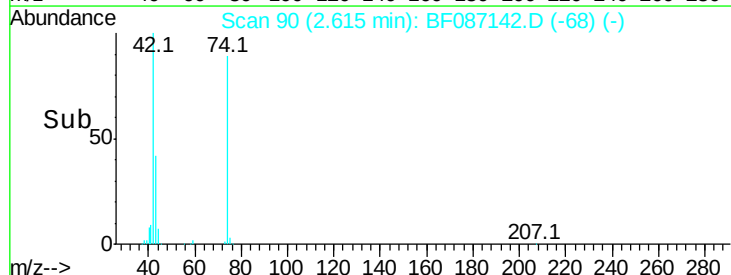
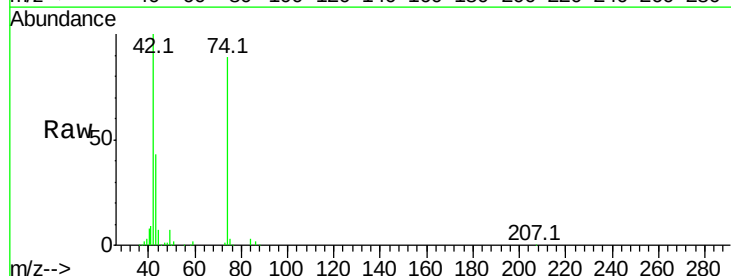
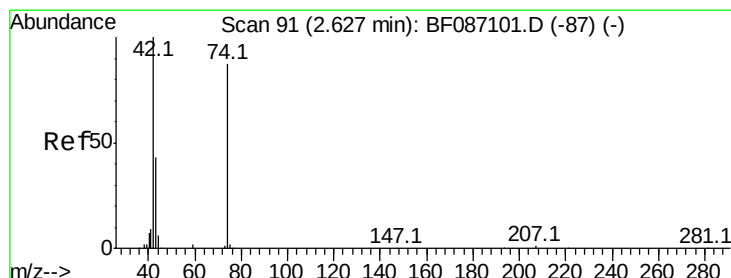
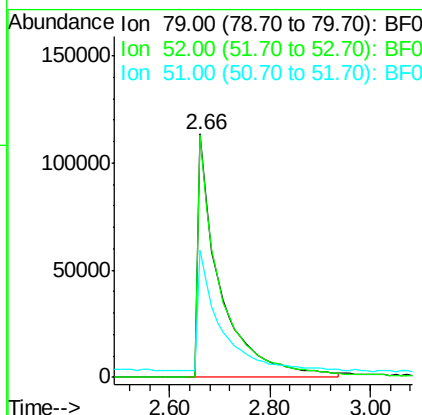
#3
 Pvridine
 Concen: 37.70 ng
 RT: 2.66 min Scan# 94
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100	346399		
52	99.4		55.9	83.9#
51	52.4		28.1	42.1#

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 SSTDCCC040EC

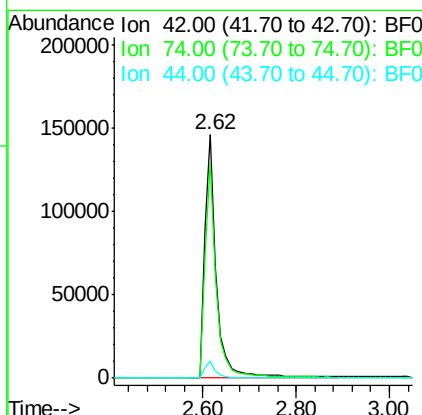
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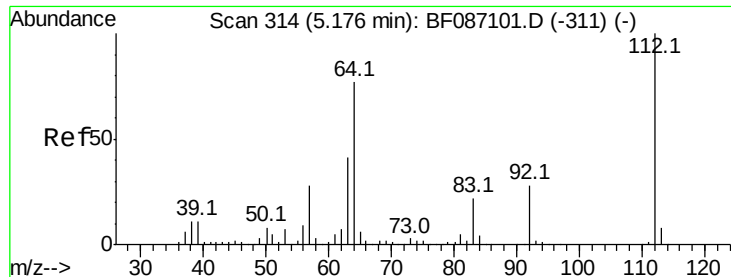
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#4
 n-Nitrosodimethylamine
 Concen: 38.99 ng
 RT: 2.62 min Scan# 90
 Delta R.T. -0.05 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	253927		
74	88.7		123.4	185.0#
44	6.8		5.8	8.6





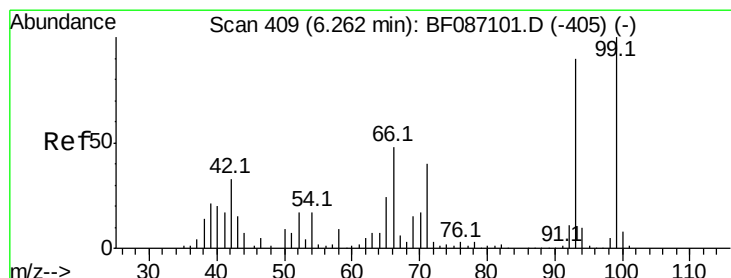
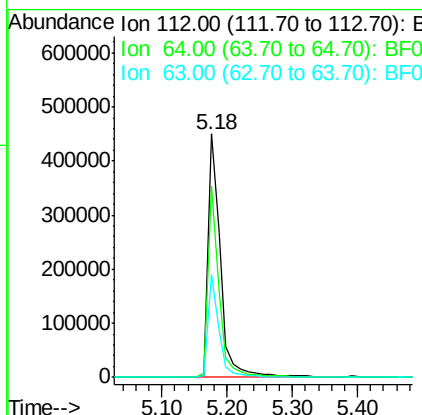
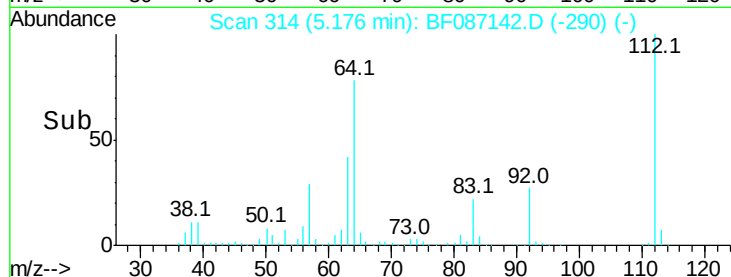
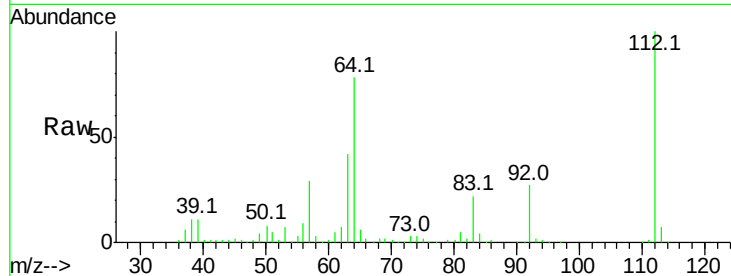
#5
 2-Fluorophenol
 Concen: 80.62 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	112	Resp:	595352
Ion Ratio	Lower	Upper	
112	100		
64	78.3	52.1	78.1#
63	42.4	25.7	38.5#

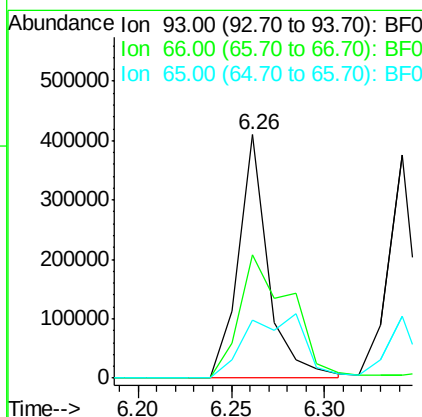
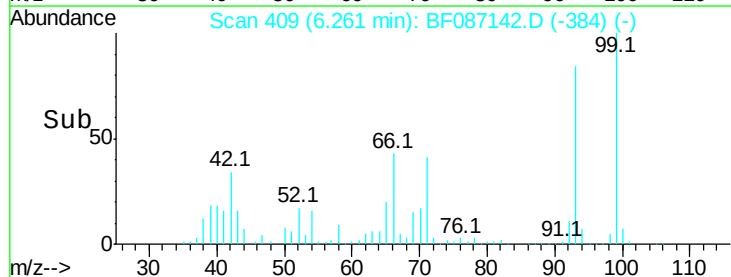
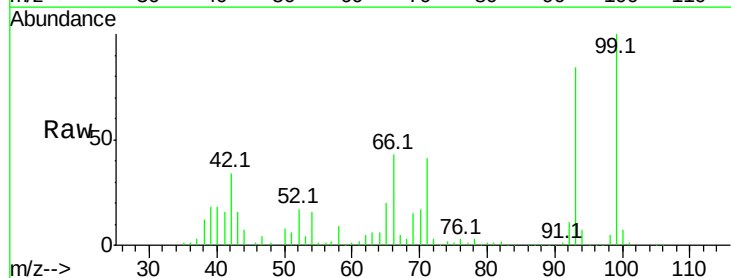
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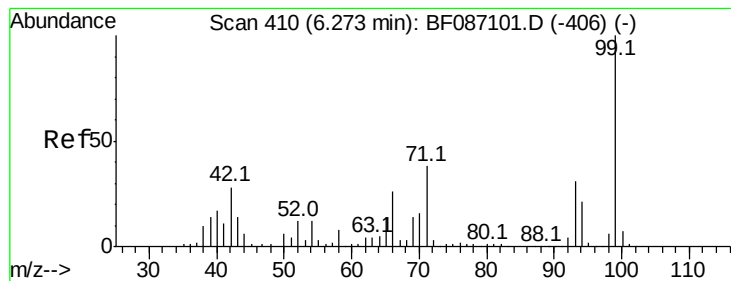
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#6
 Aniline
 Concen: 36.43 ng
 RT: 6.26 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	93	Resp:	458373
Ion Ratio	Lower	Upper	
93	100		
66	50.6	39.0	58.6
65	23.9	20.6	31.0





#7

Phenol-d6

Concen: 76.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

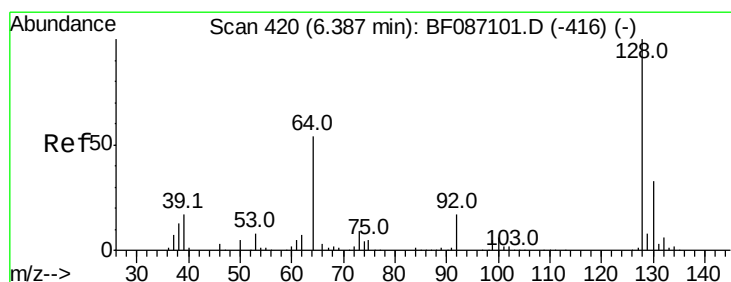
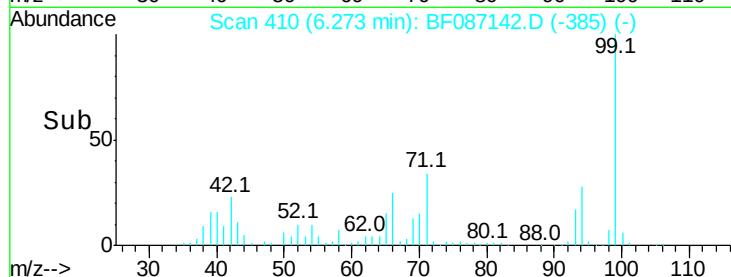
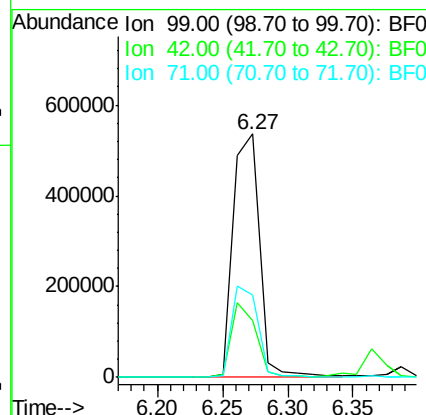
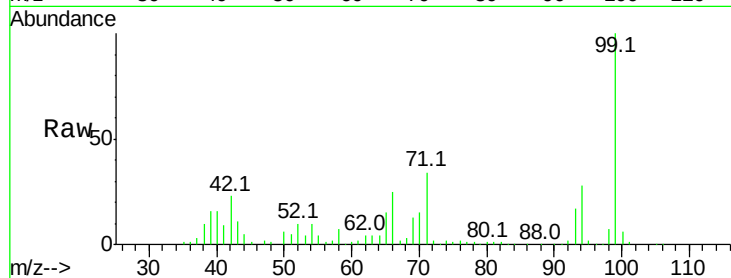
ClientSampleId :

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Tot Ion:	99	Resp:	753712
Ion Ratio	Lower	Upper	
99	100		
42	23.1	13.6	20.4#
71	33.6	24.6	36.8

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#8

2-Chlorophenol

Concen: 38.73 ng

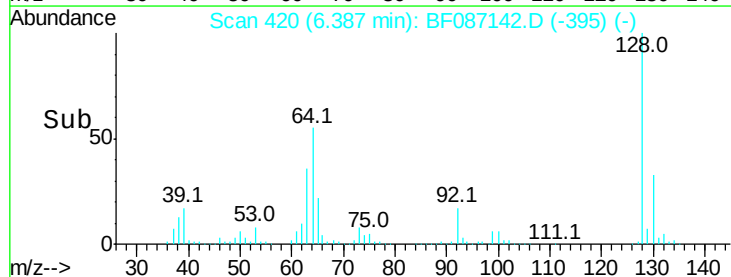
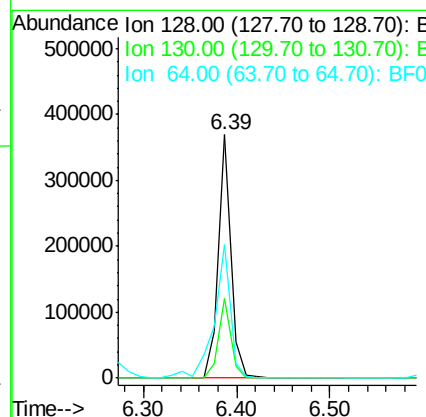
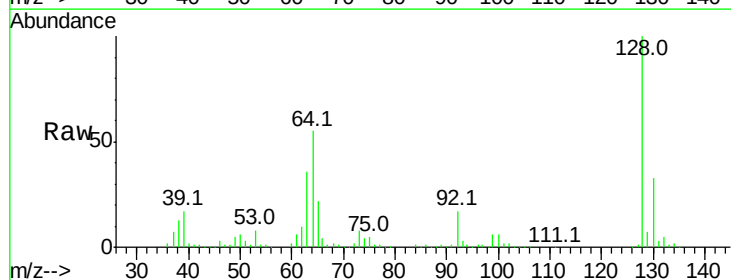
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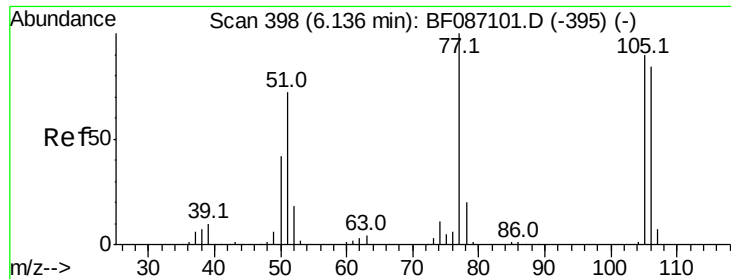
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	128	Resp:	348010
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.5	52.5
64	54.6	27.3	67.3





#9

Benzaldehyde

Concen: 34.40 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

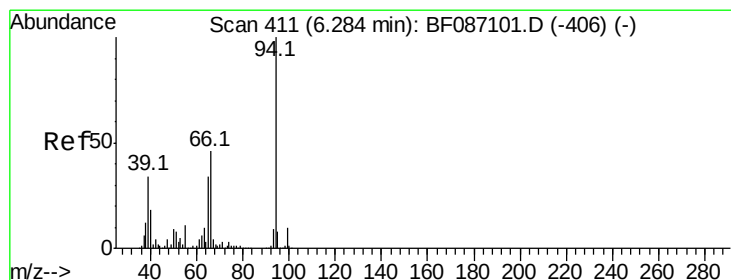
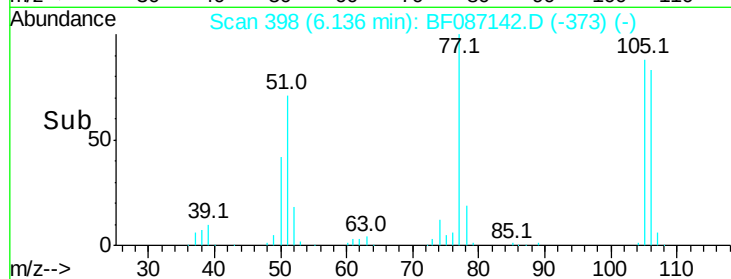
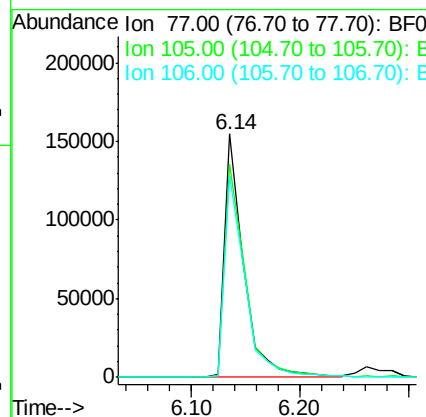
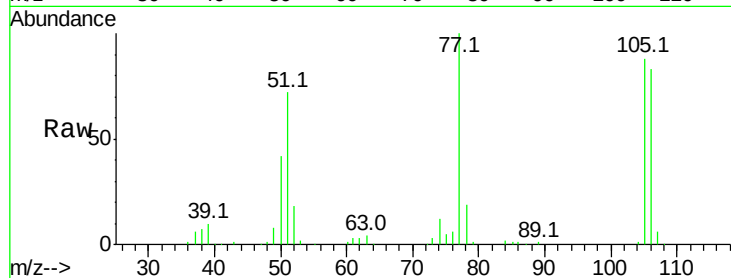
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	190393
Ion Ratio	Lower	Upper	
77	100		
105	87.6	72.7	112.7
106	82.6	70.8	110.8

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#10

Phenol

Concen: 36.67 ng

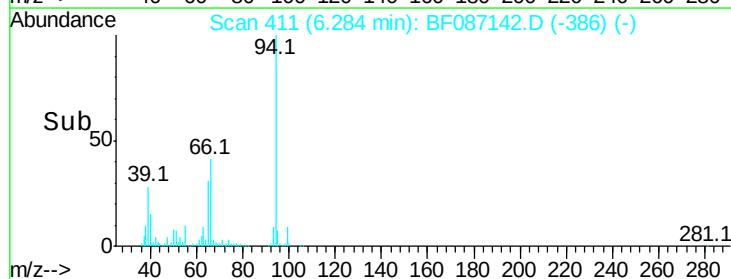
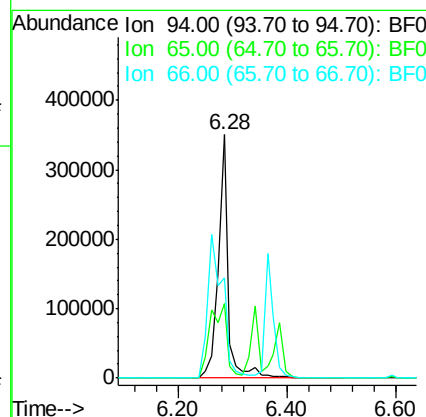
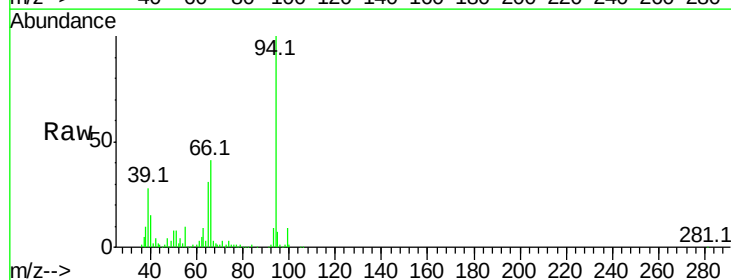
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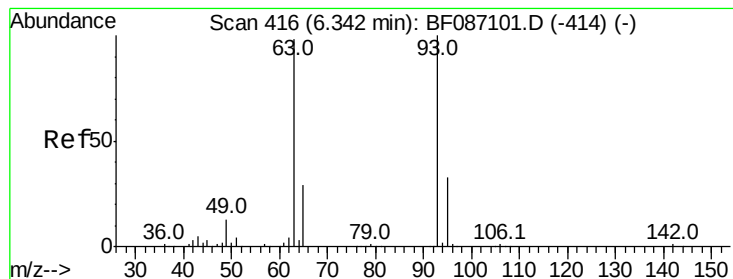
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	94	Resp:	456522
Ion Ratio	Lower	Upper	
94	100		
65	30.8	7.2	47.2
66	41.1	14.9	54.9





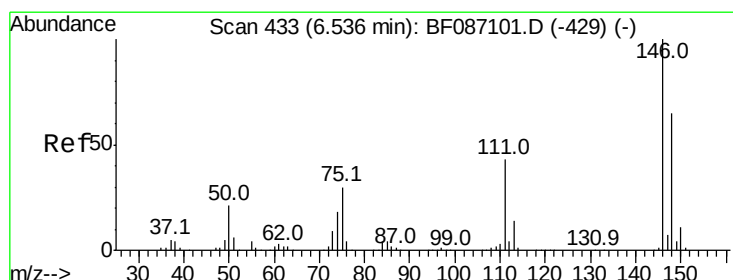
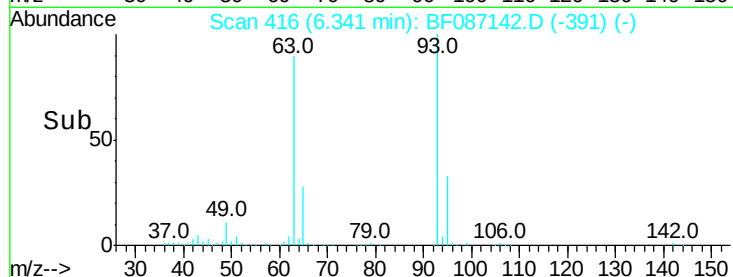
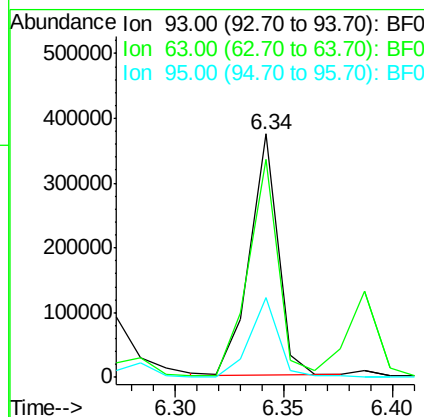
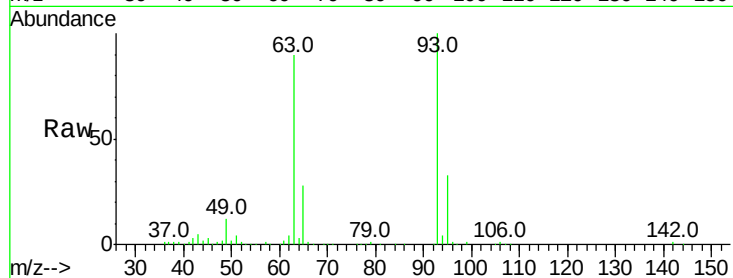
#11
bis(2-Chloroethyl)ether
Concen: 36.07 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.7	58.0	98.0	
95	32.8	11.9	51.9	

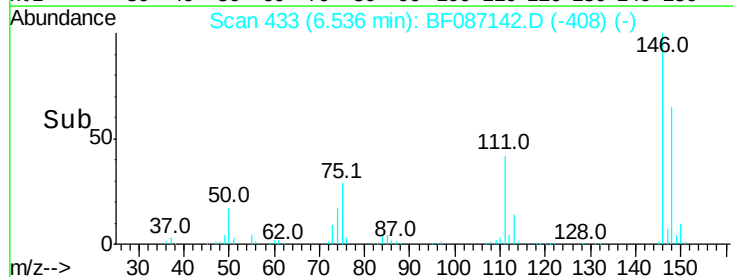
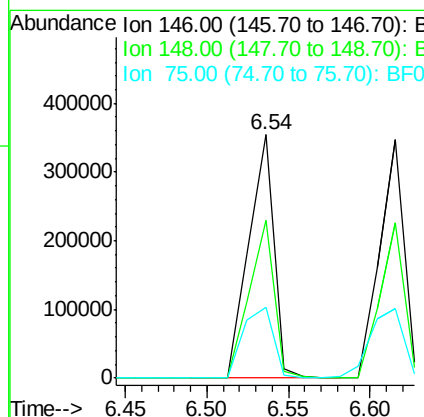
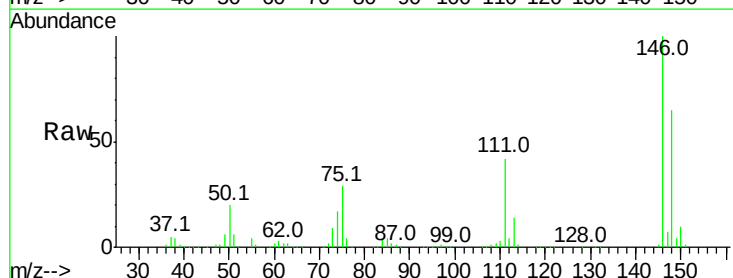
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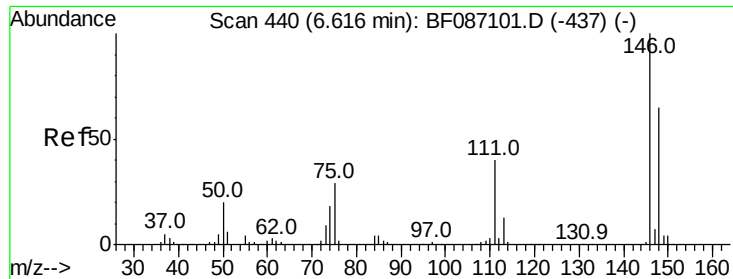
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#12
1,3-Dichlorobenzene
Concen: 39.78 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	52.4	78.6	
75	28.9	22.8	34.2	





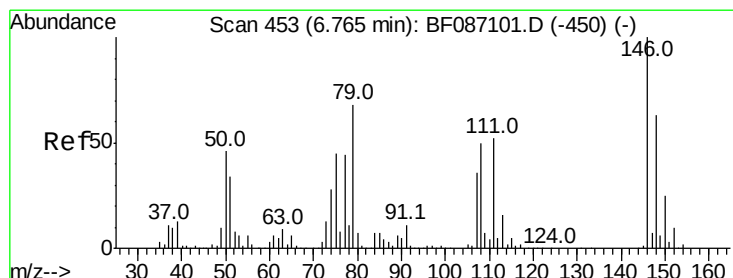
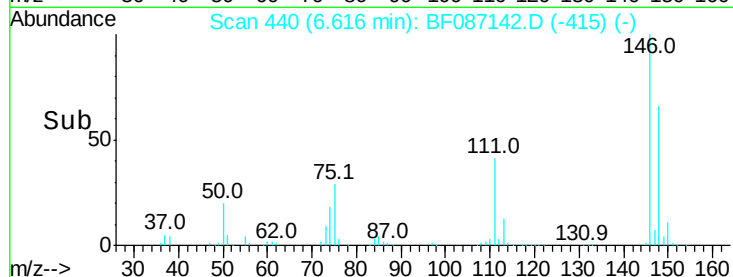
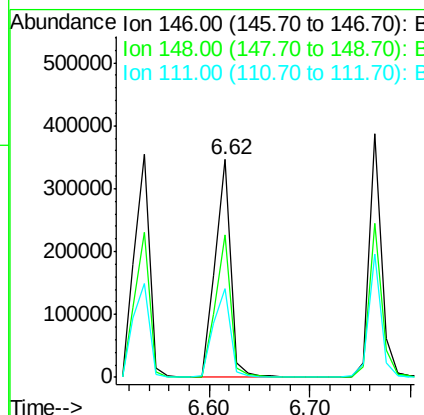
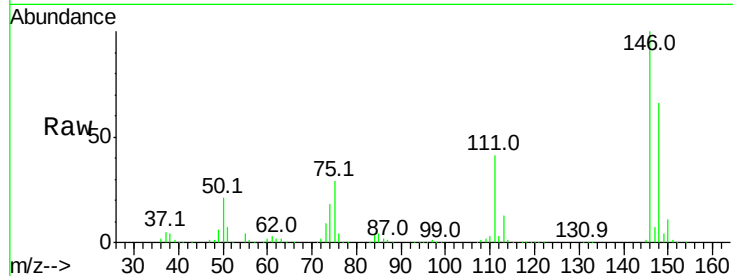
#13
 1,4-Dichlorobenzene
 Concen: 38.18 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
111	40.9	30.7	46.1

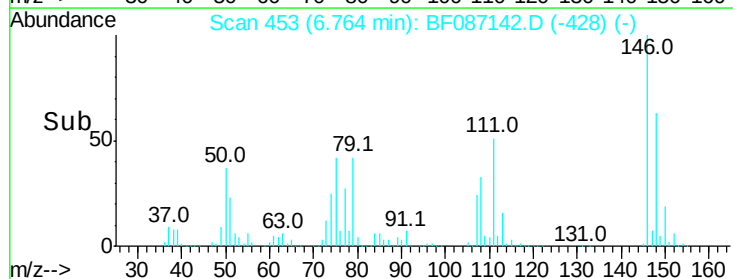
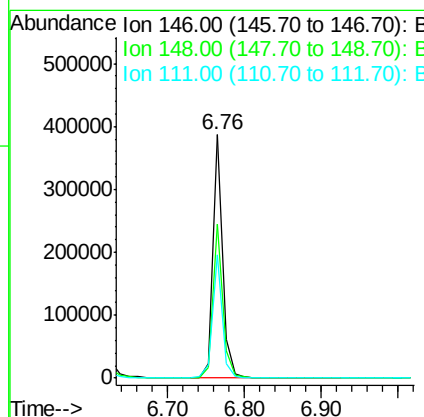
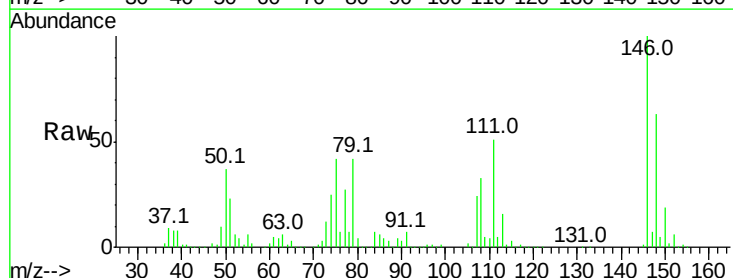
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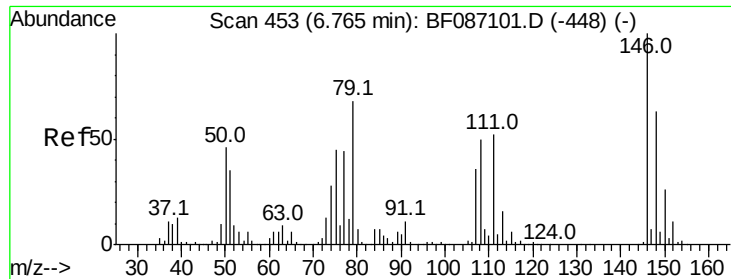
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#14
 1,2-Dichlorobenzene
 Concen: 39.20 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	50.6	36.2	54.4





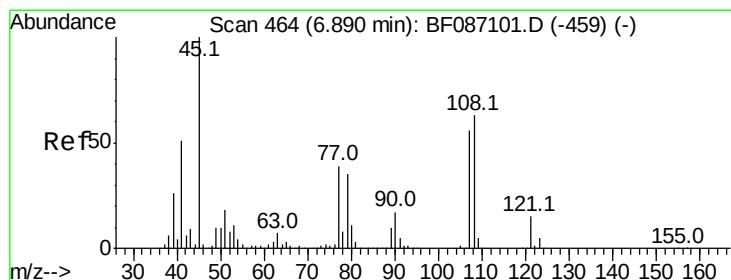
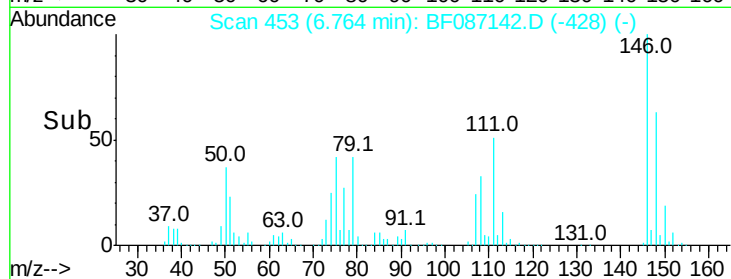
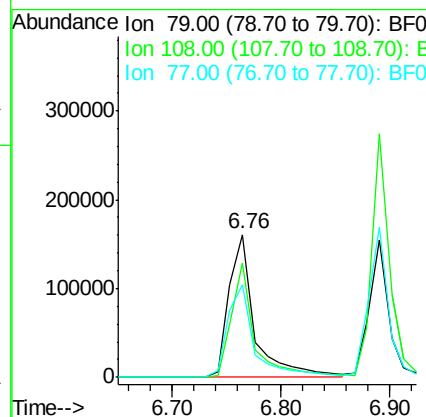
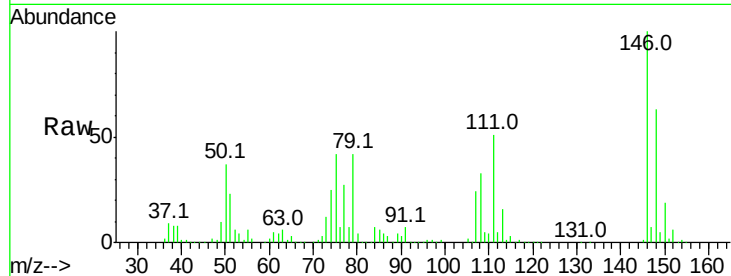
#15
Benzyl Alcohol
Concen: 36.11 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	68.4	102.6
77	64.9	50.6	76.0

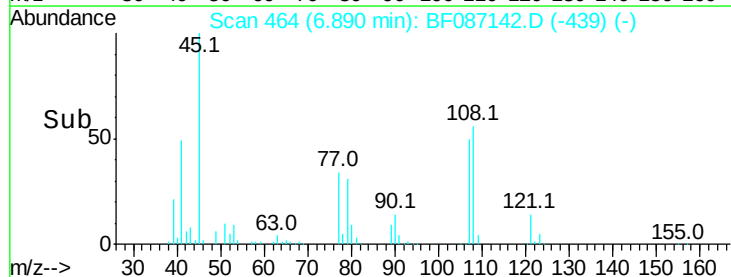
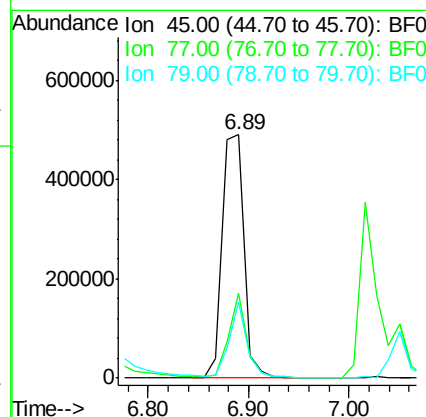
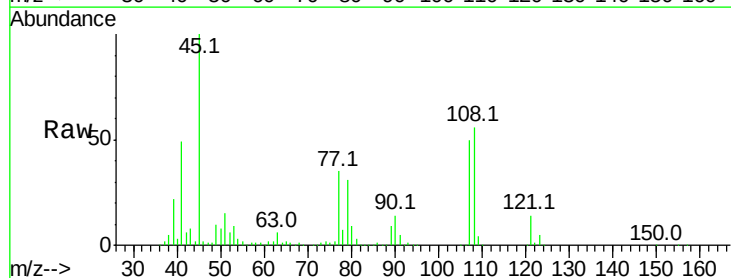
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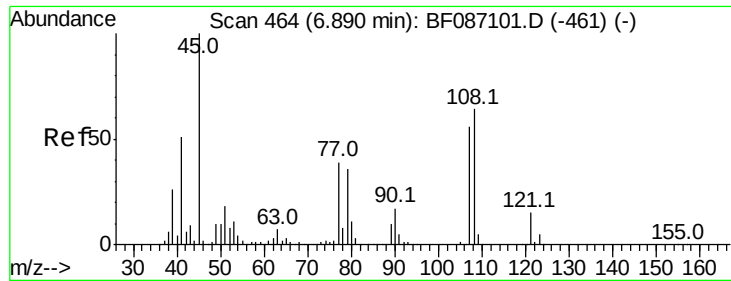
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.29 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.6	0.0	36.4
79	31.4	0.0	33.4





#17

2-Methylphenol

Concen: 37.42 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

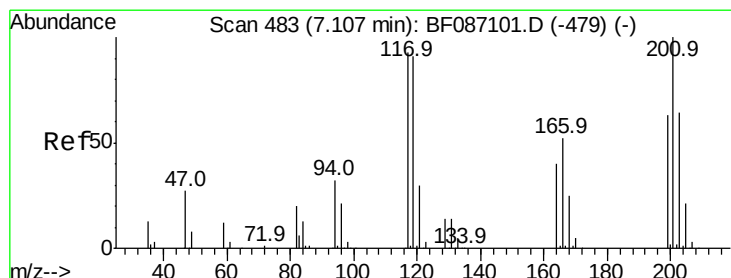
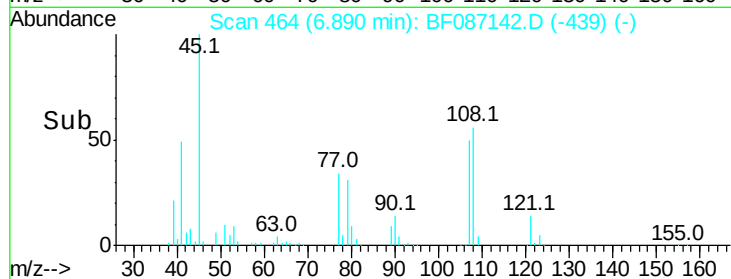
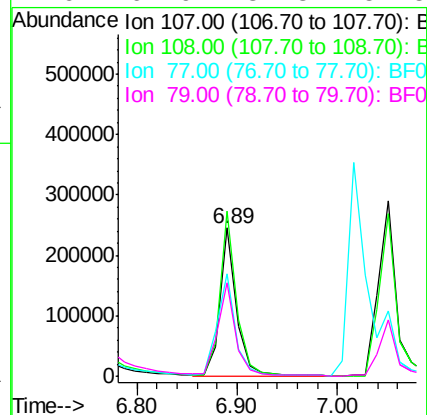
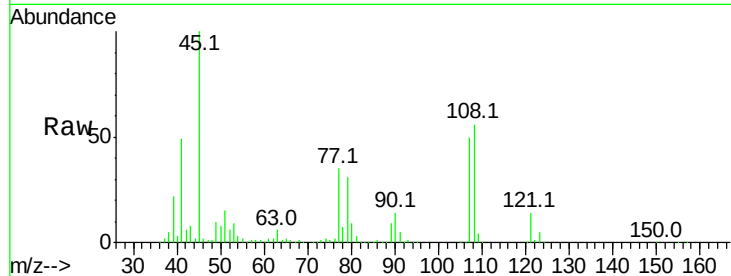
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	276144
Ion Ratio	Lower	Upper	
107	100		
108	112.0	93.7	140.5
77	69.4	33.4	50.0#
79	62.9	34.3	51.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 26.45 ng

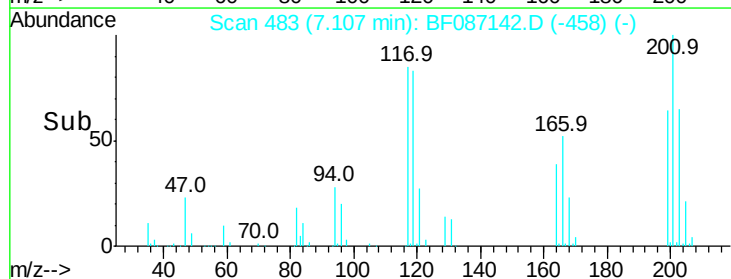
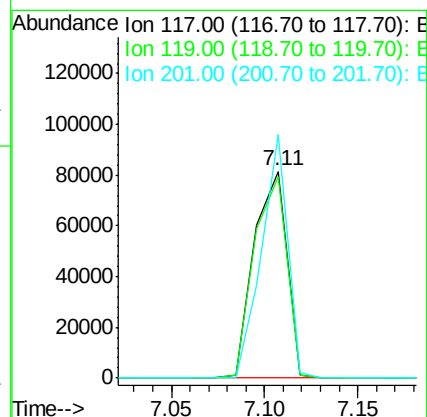
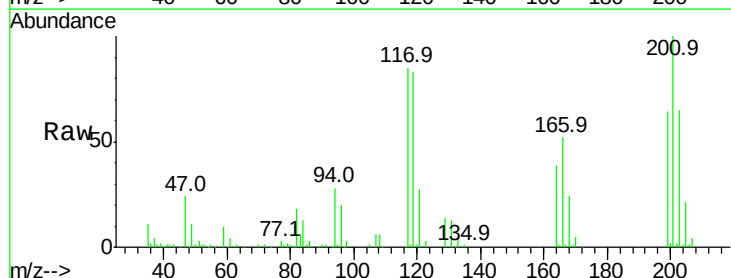
RT: 7.11 min Scan# 483

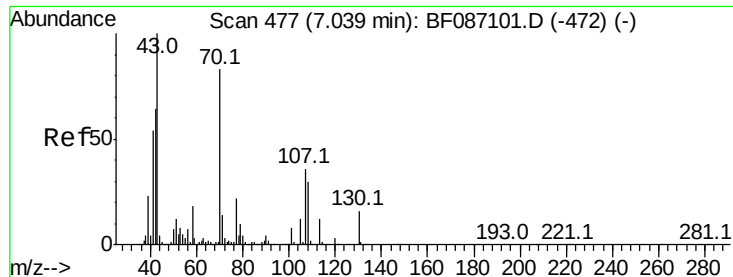
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	117	Resp:	98829
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.5	114.7
201	117.9	63.0	94.6#





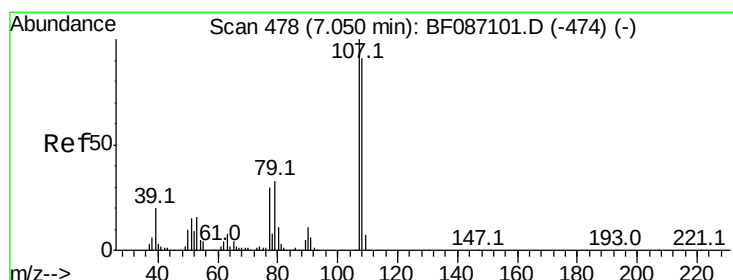
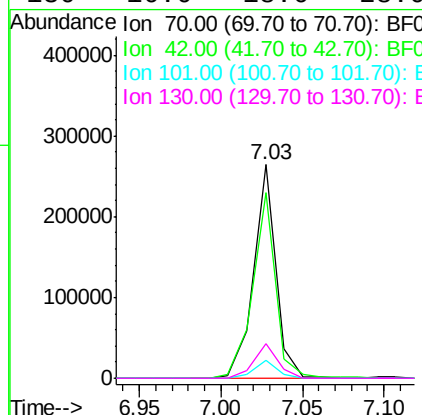
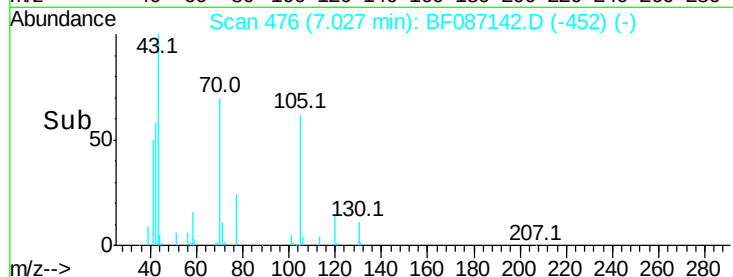
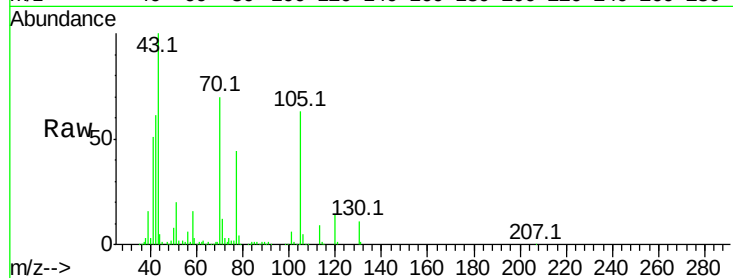
#19
n-Nitroso-di-n-propylamine
Concen: 33.56 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	86.9	43.1	64.7#		
101	8.5	8.1	12.1		
130	16.0	18.6	28.0#		

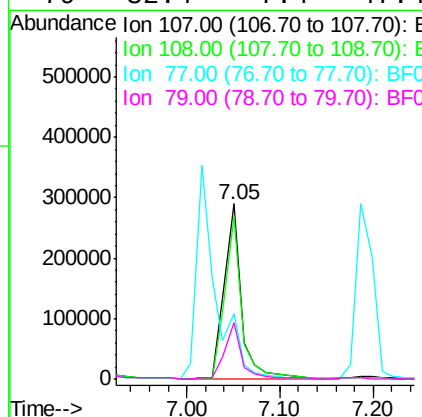
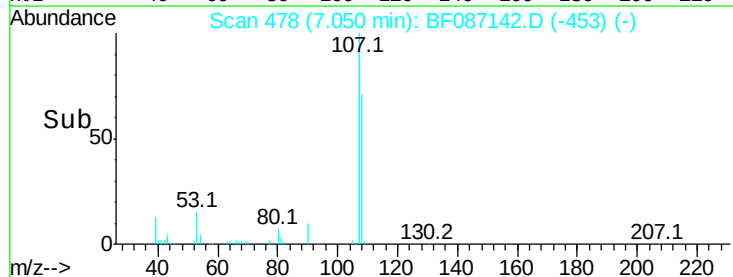
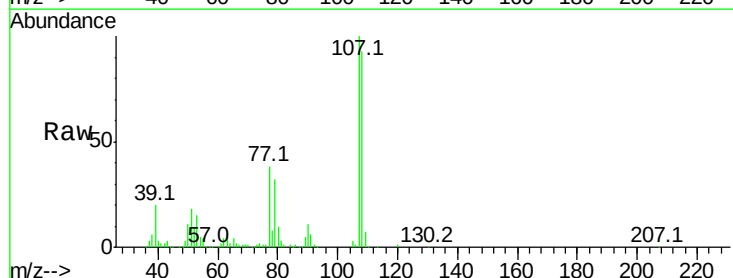
Manual Integrations
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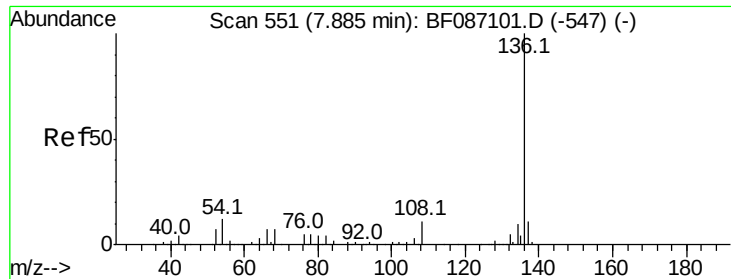
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#20
3+4-Methylphenols
Concen: 37.69 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	68.5	108.5		
77	37.6	101.6	141.6#		
79	32.4	7.4	47.4		





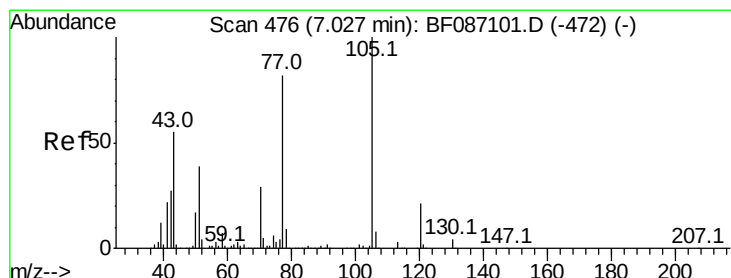
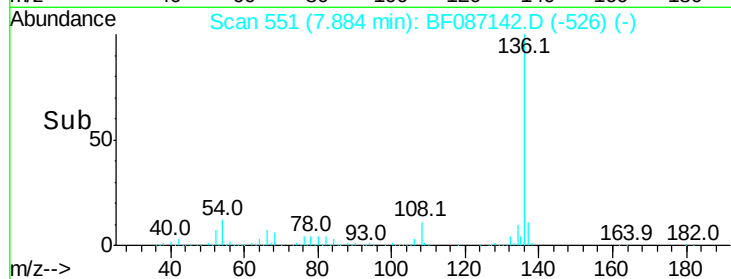
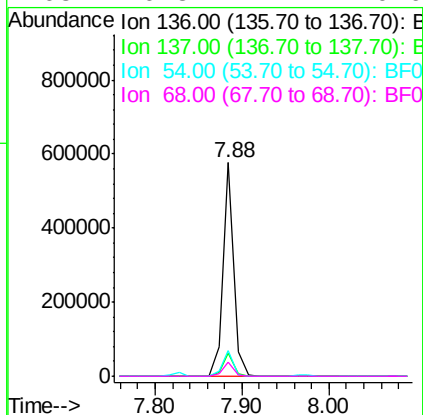
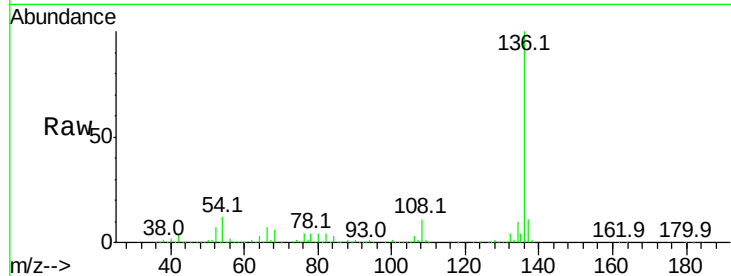
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	11.8	5.0	7.4#	
68	6.3	4.4	6.6	

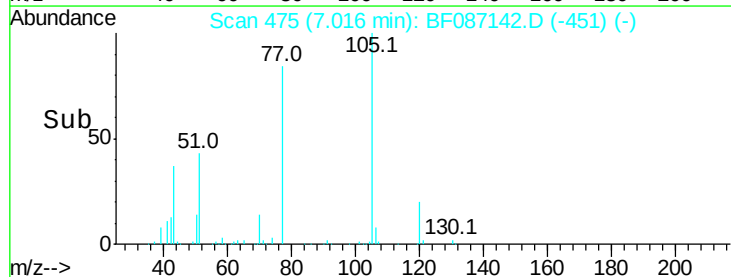
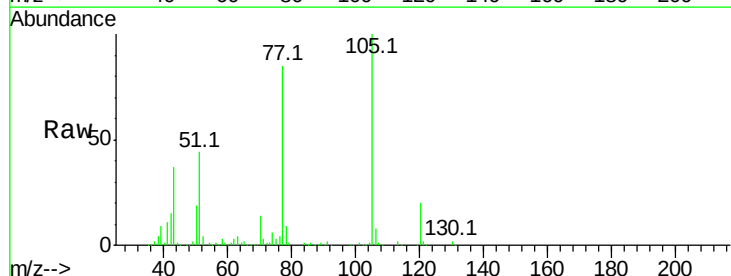
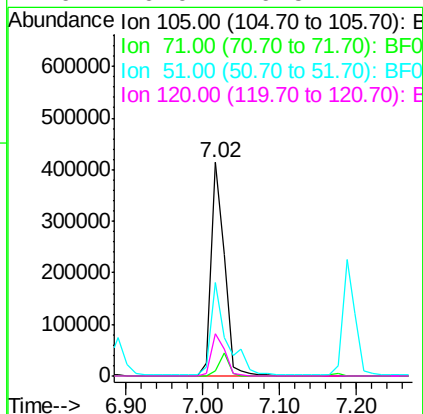
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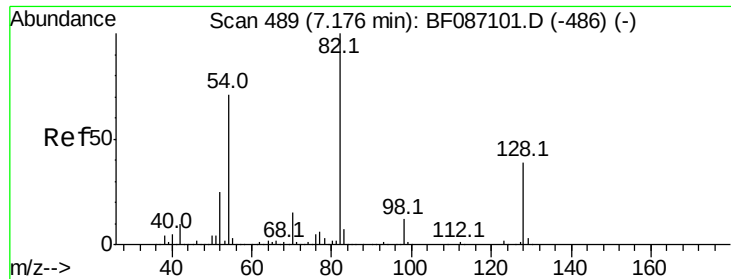
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#22
Acetophenone
Concen: 40.09 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	4.8	7.2#	
51	43.9	32.6	49.0	
120	20.0	16.5	24.7	





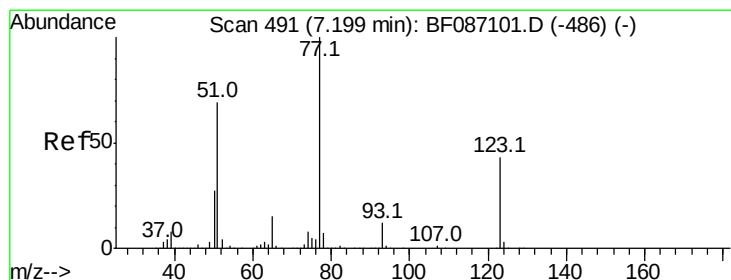
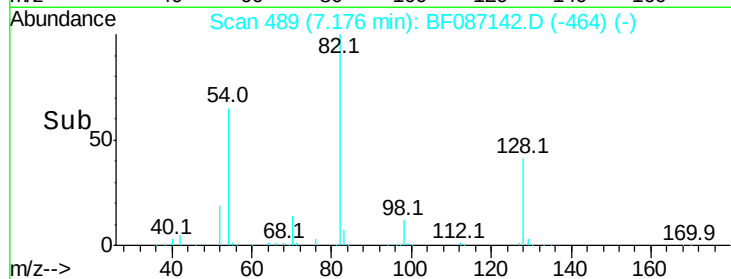
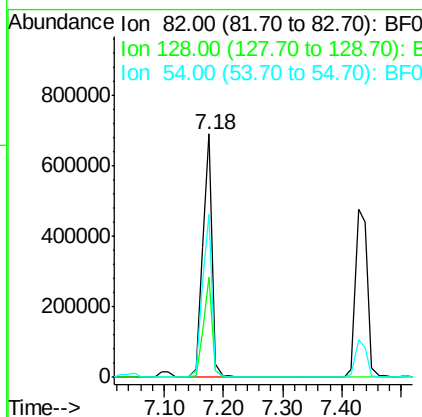
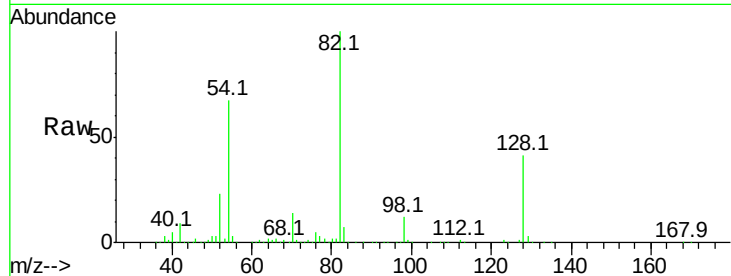
#23
 Nitrobenzene-d5
 Concen: 77.66 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.9	40.6	61.0
54	66.7	38.1	57.1#

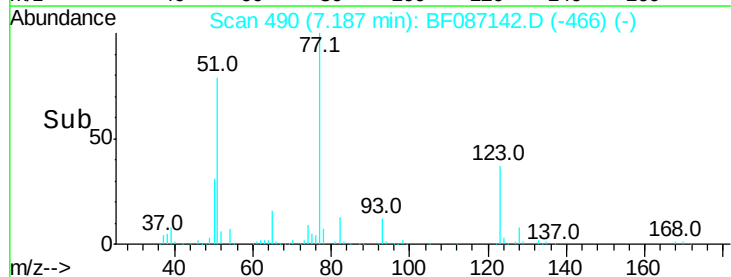
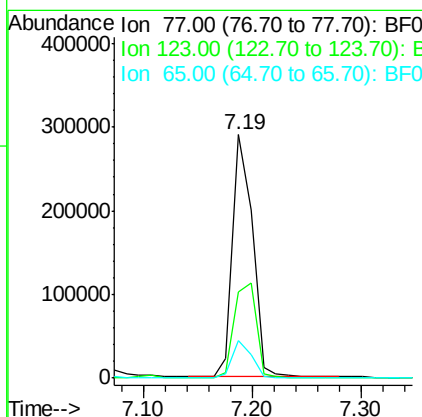
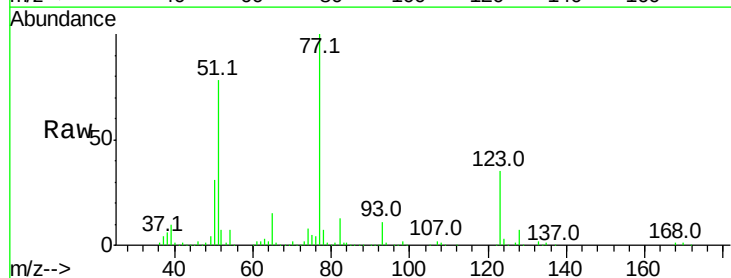
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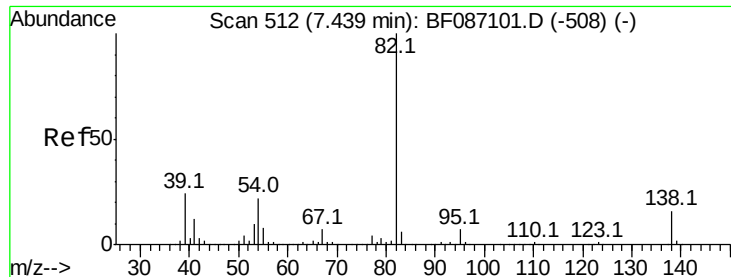
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#24
 Nitrobenzene
 Concen: 33.23 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	35.4	33.0	49.4
65	15.4	10.8	16.2





#25

Isophorone

Concen: 36.47 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

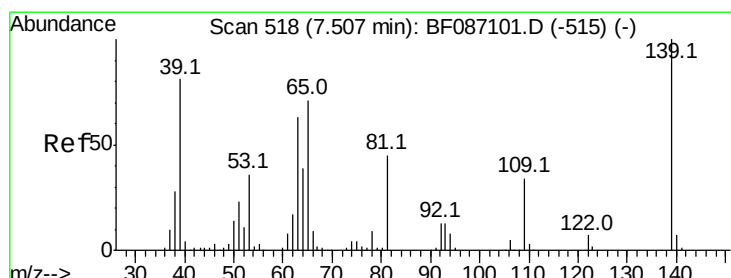
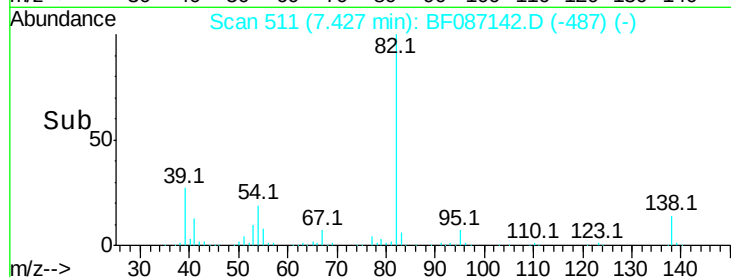
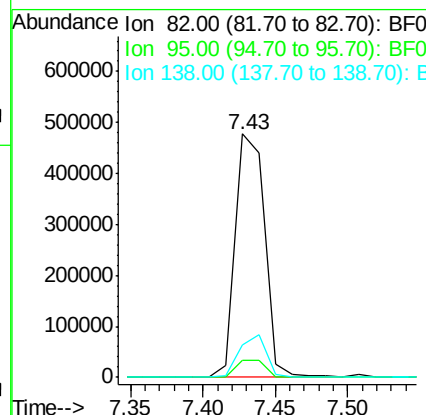
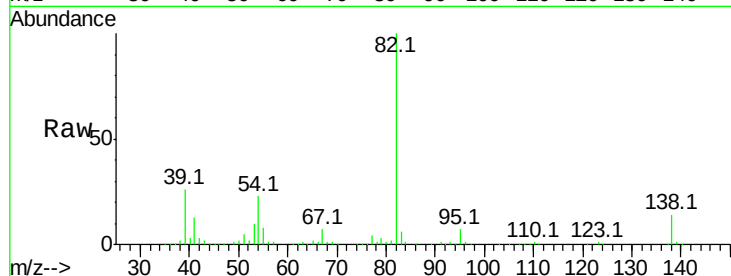
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	671727
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	13.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.39 ng

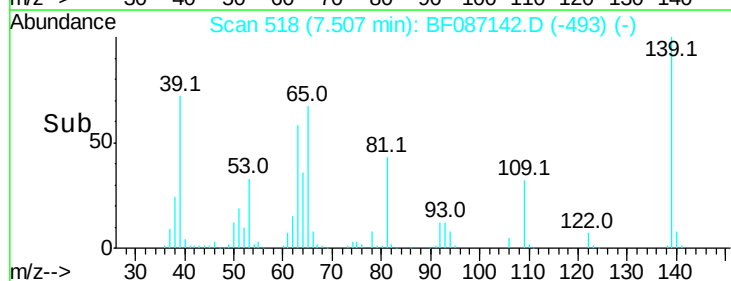
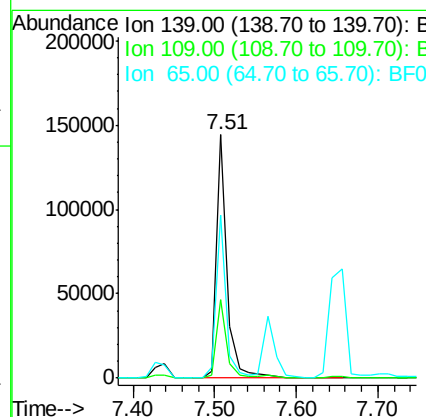
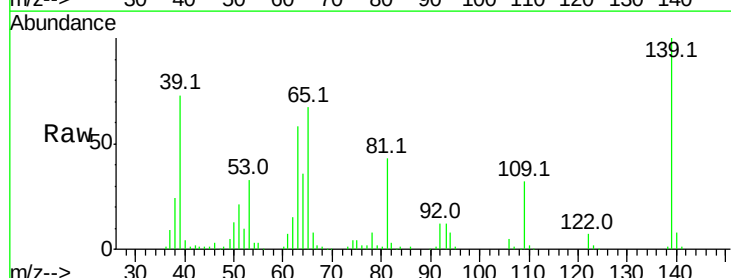
RT: 7.51 min Scan# 518

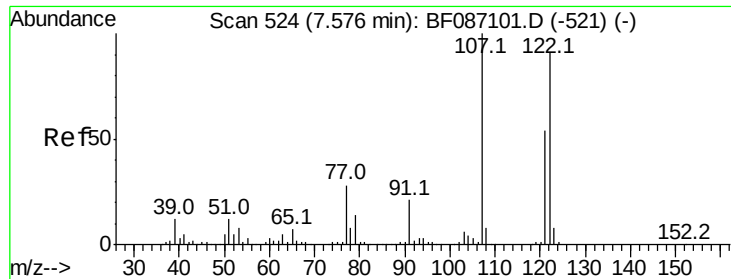
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	139	Resp:	133756
Ion Ratio	Lower	Upper	
139	100		
109	32.3	19.5	29.3#
65	67.0	37.5	56.3#





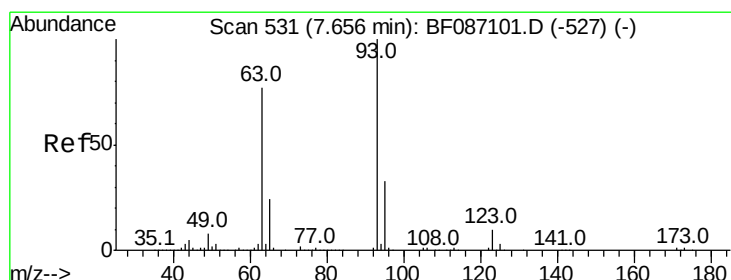
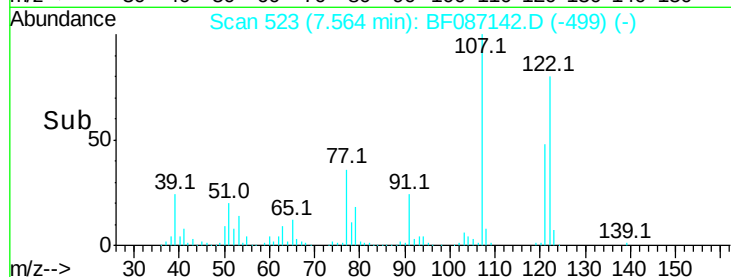
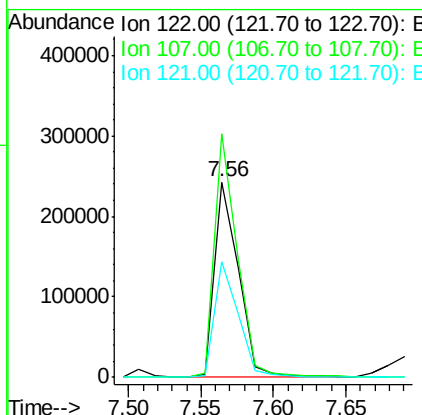
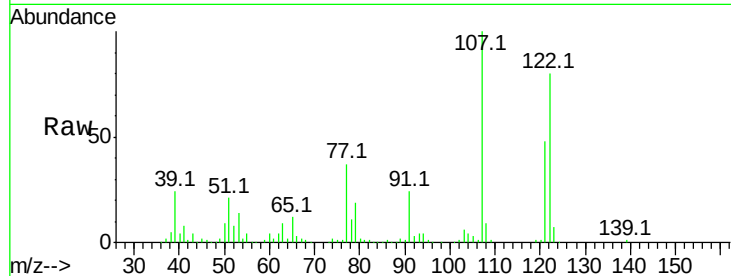
#27
2,4-Dimethylphenol
Concen: 35.97 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	279346		
107	124.8	82.0	123.0#	
121	59.3	46.1	69.1	

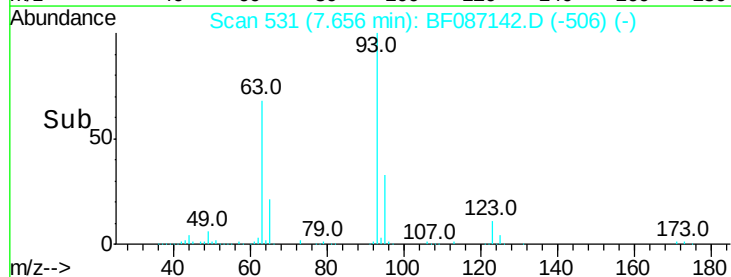
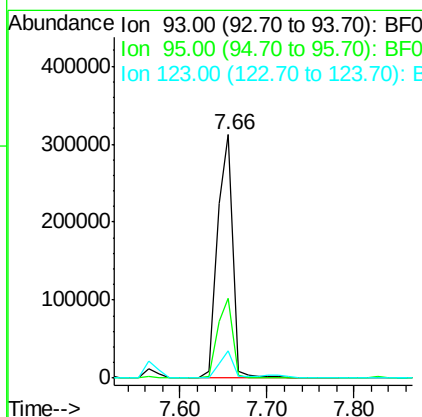
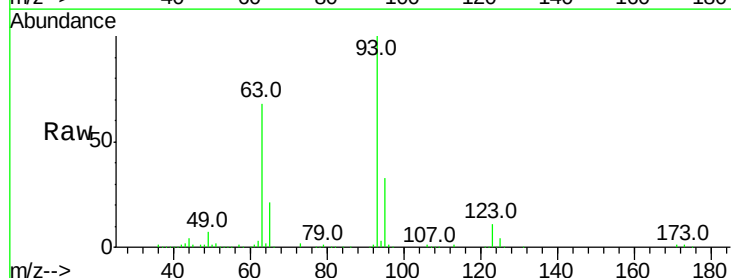
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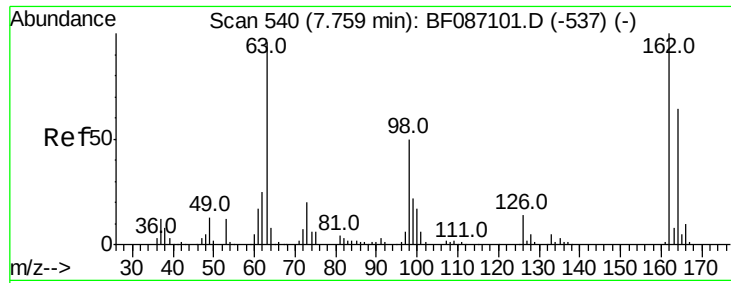
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#28
bis(2-Chloroethoxy)methane
Concen: 38.60 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	390215		
95	32.5	26.0	39.0	
123	11.3	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 37.77 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

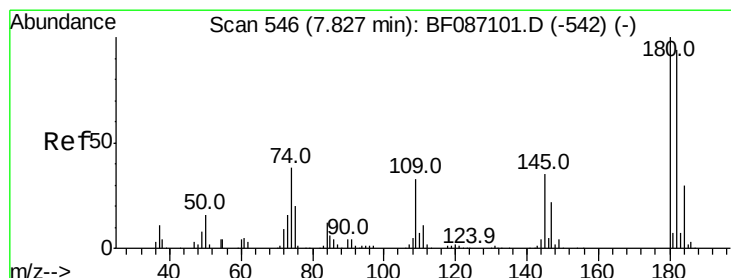
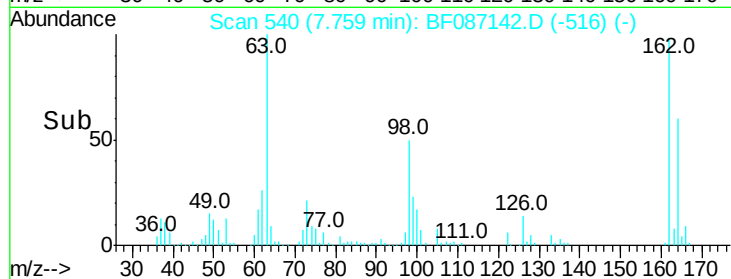
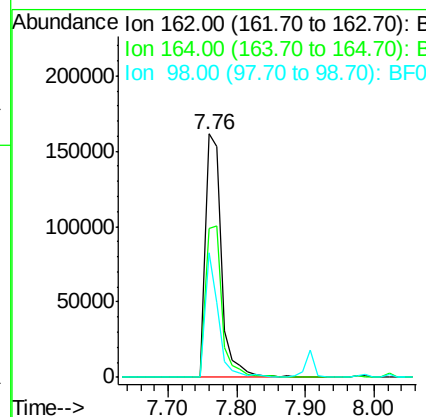
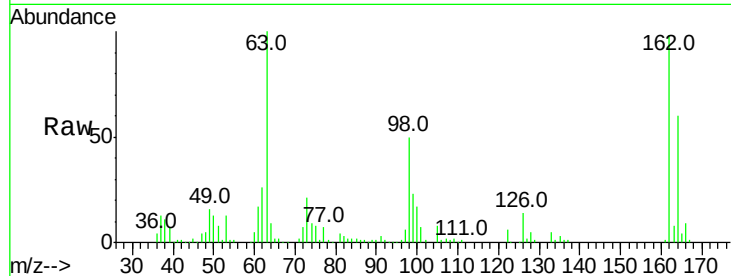
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	258484
Ion Ratio	Lower	Upper	
162	100		
164	61.2	42.2	82.2
98	51.1	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 36.37 ng

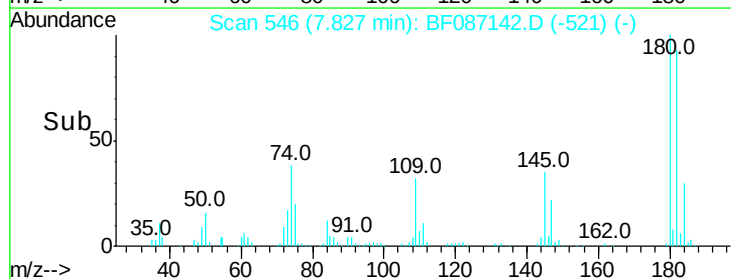
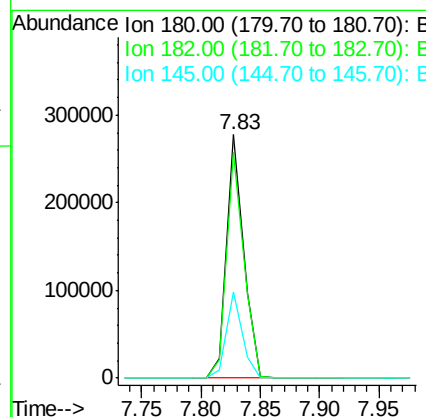
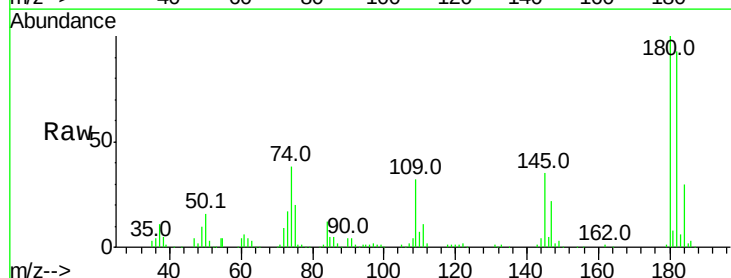
RT: 7.83 min Scan# 546

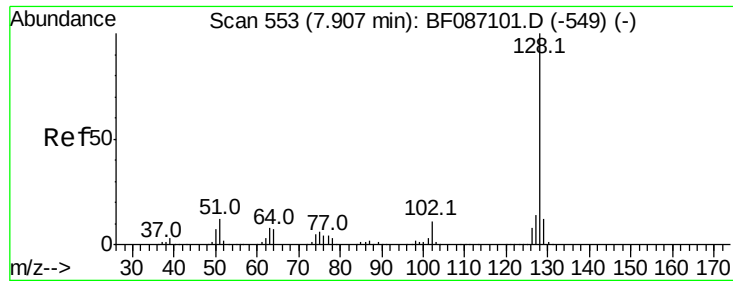
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	180	Resp:	276132
Ion Ratio	Lower	Upper	
180	100		
182	92.8	78.0	117.0
145	35.3	24.2	36.2





#31

Naphthalene

Concen: 40.07 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

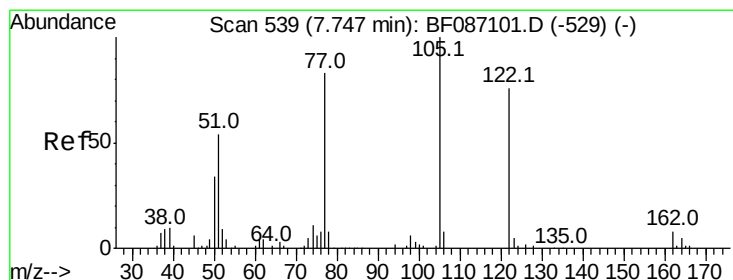
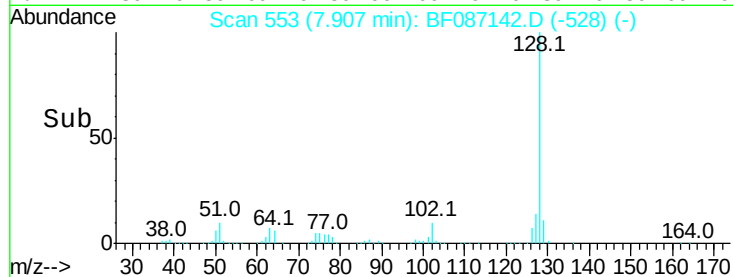
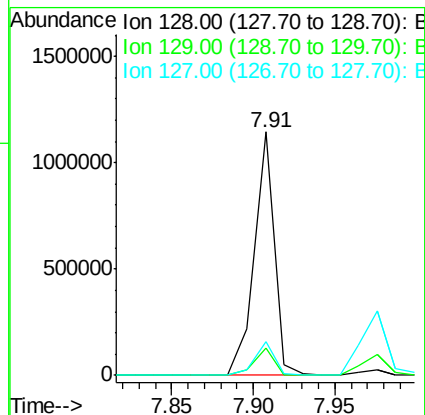
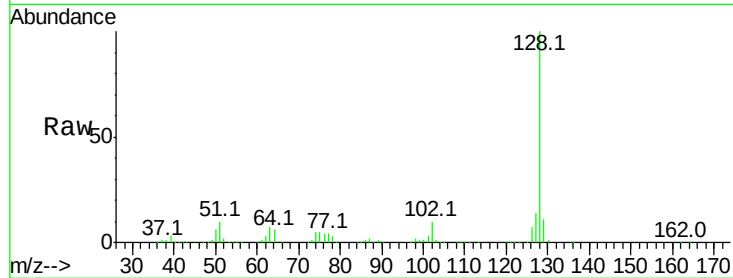
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	981615
Ion Ratio		Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 32.94 ng m

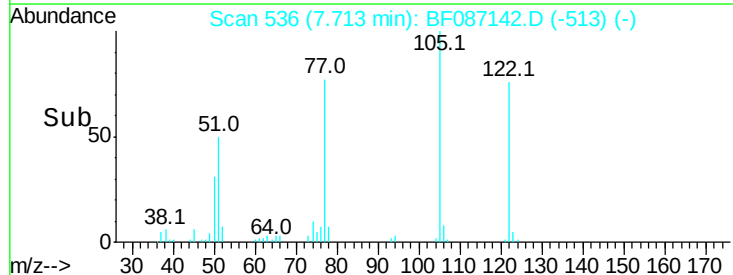
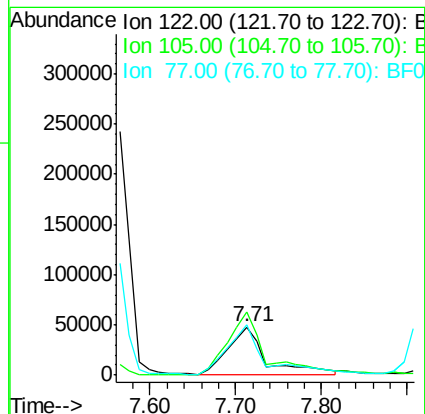
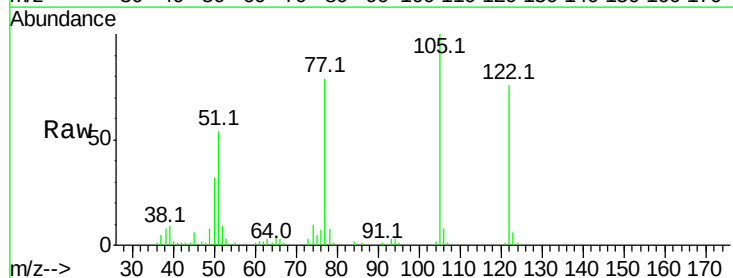
RT: 7.71 min Scan# 536

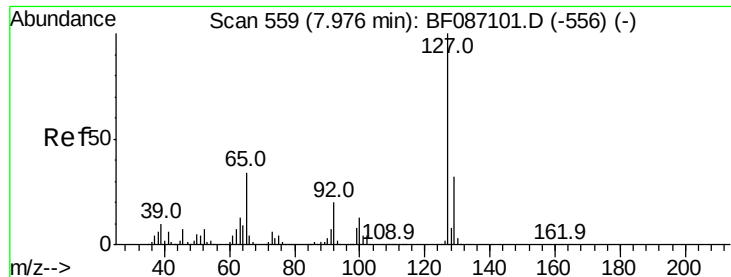
Delta R.T. -0.03 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	122	Resp:	152446
Ion Ratio		Lower	Upper
122	100		
105	131.3	92.6	132.6
77	104.3	60.0	100.0#





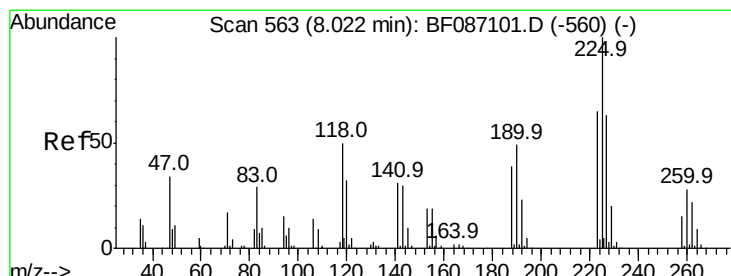
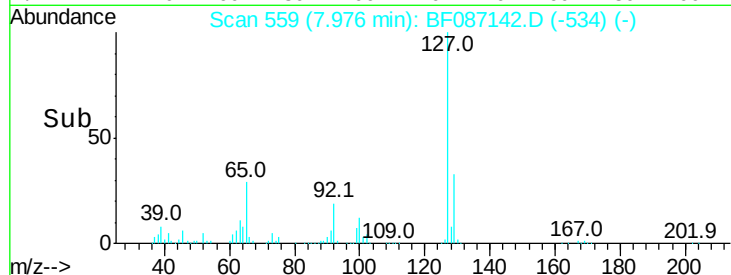
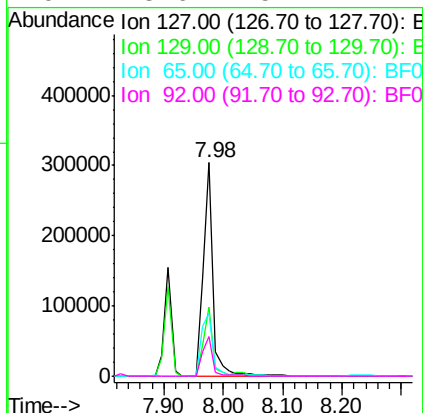
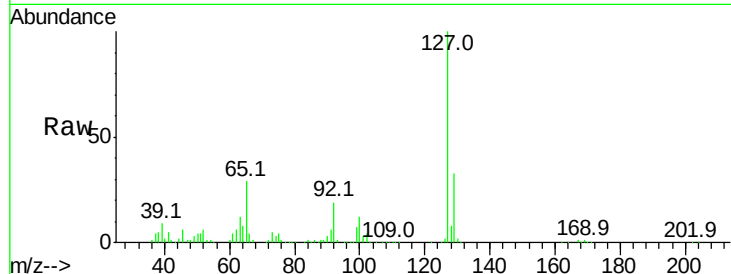
#33
4-Chloroaniline
Concen: 34.98 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		356197		
129	32.5	26.2	39.4		
65	29.4	23.0	34.4		
92	18.6	15.1	22.7		

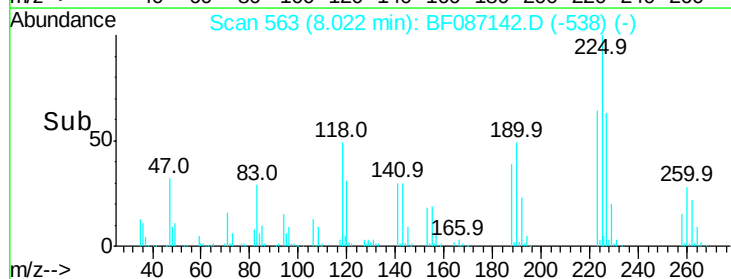
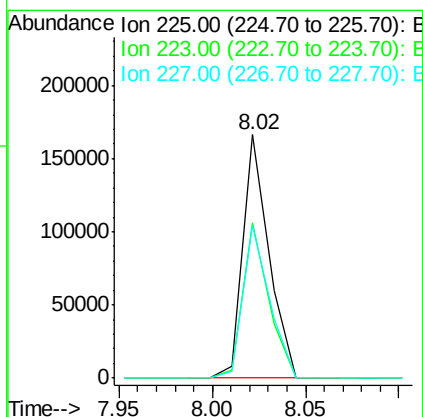
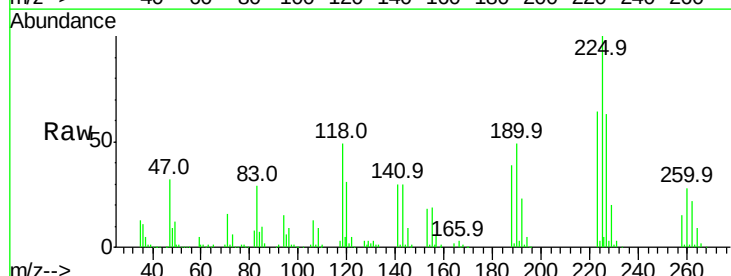
Manual Integrations
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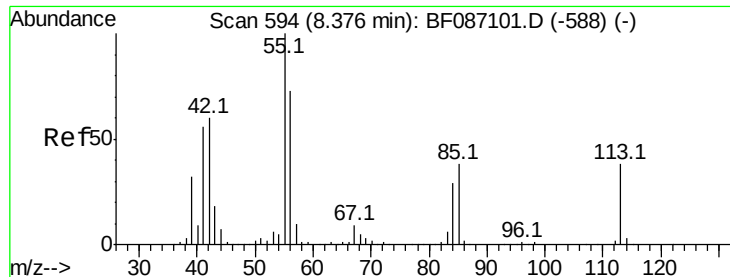
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#34
Hexachlorobutadiene
Concen: 37.37 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		161024		
223	63.9	51.5	77.3		
227	62.5	52.2	78.2		





#35

Caprolactam

Concen: 34.35 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

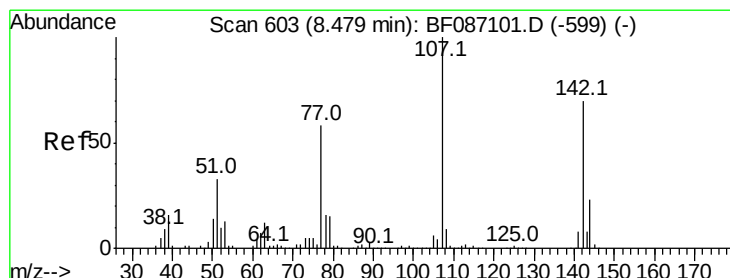
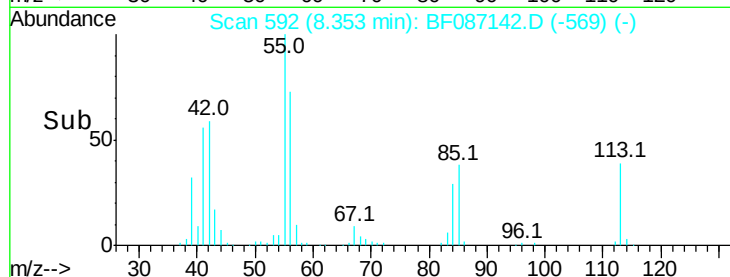
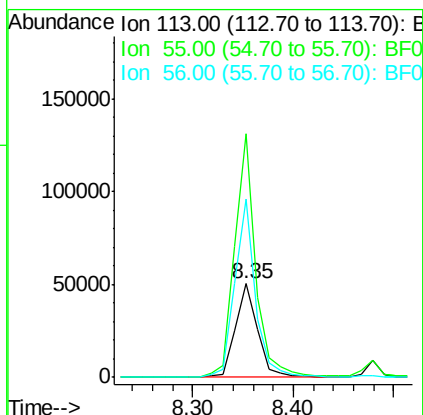
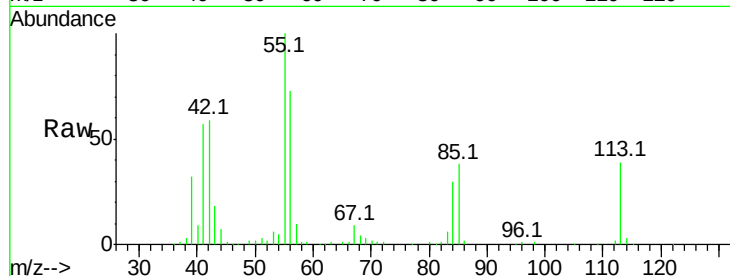
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	78258
Ion Ratio	Lower	Upper	
113	100		
55	259.7	162.0	202.0#
56	190.2	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 35.76 ng

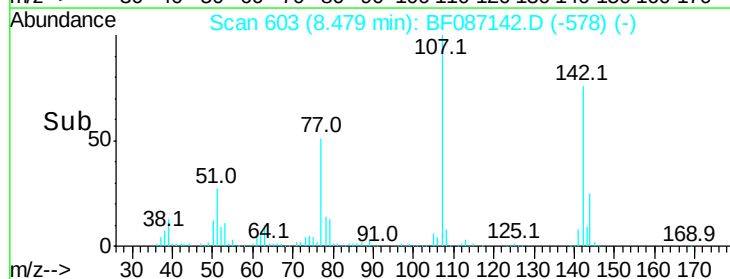
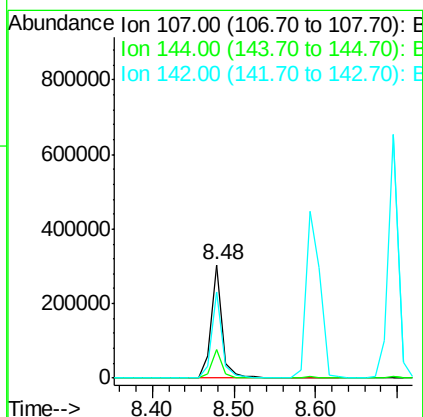
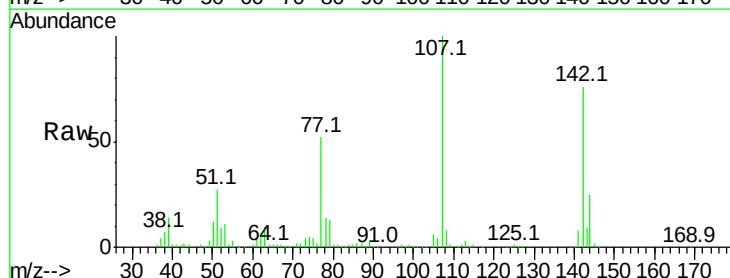
RT: 8.48 min Scan# 603

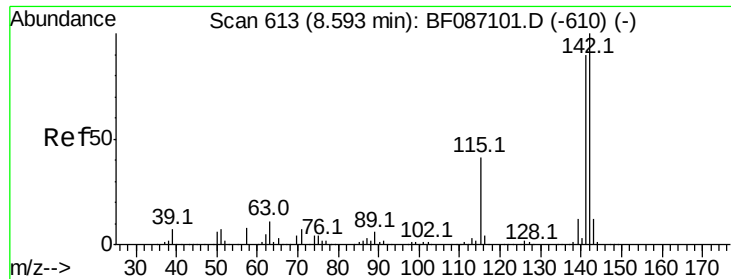
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	107	Resp:	295193
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.7	31.1
142	75.8	63.2	94.8





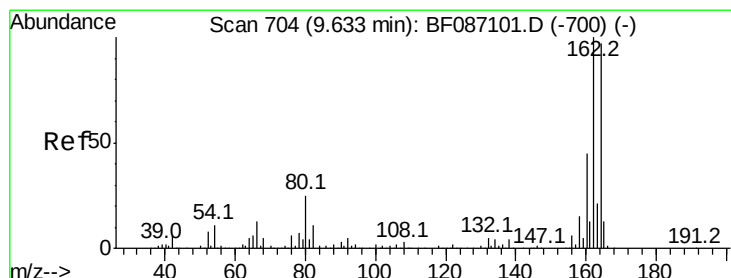
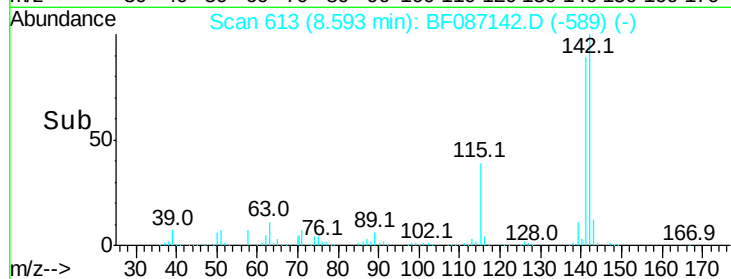
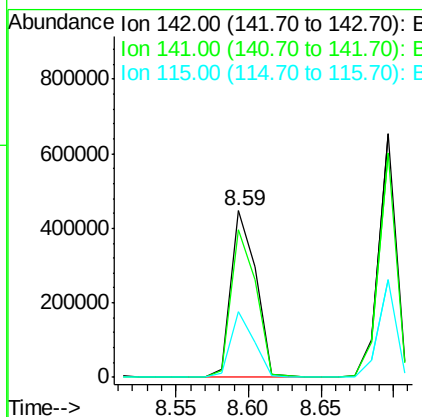
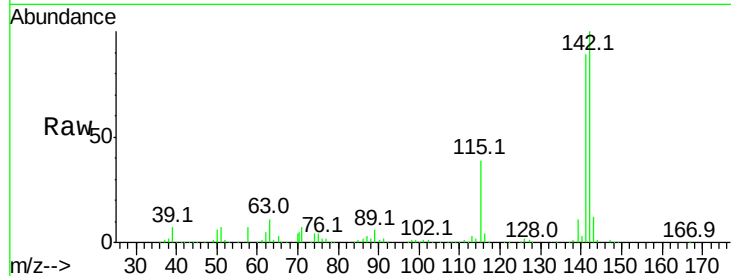
#37
2-Methylnaphthalene
Concen: 34.04 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.9	71.0	106.6	
115	39.4	26.6	39.8	

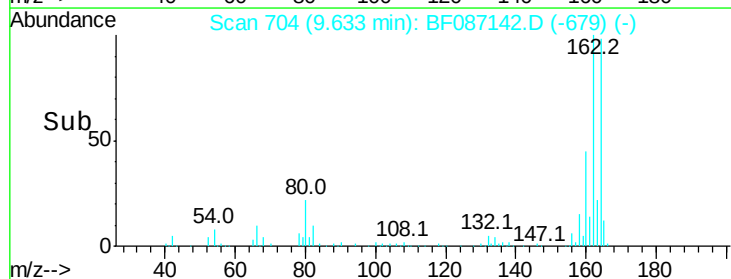
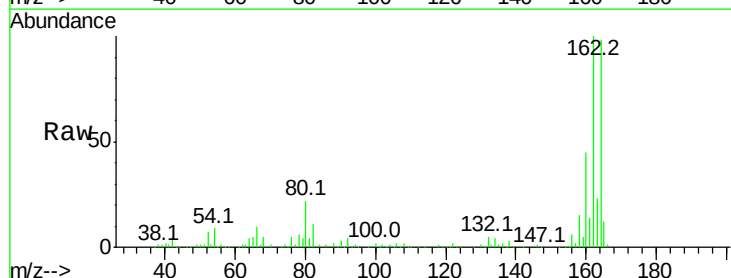
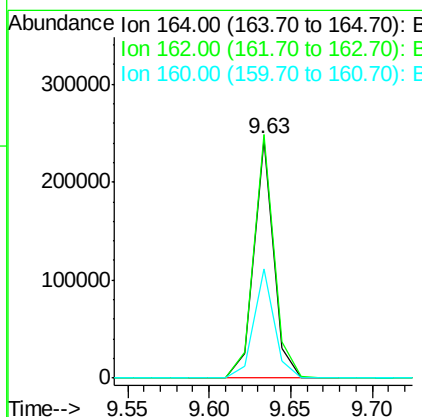
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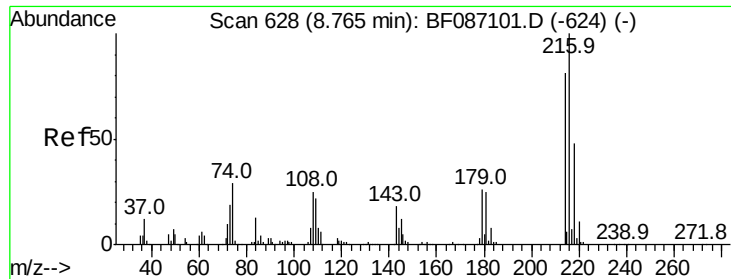
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.8	124.2	
160	45.5	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.04 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

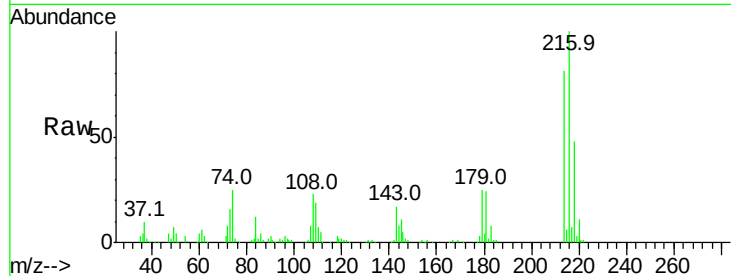
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	247851		
214	80.5	62.6	93.8	
179	23.8	18.2	27.4	
108	22.1	17.5	26.3	

Manual Integrations
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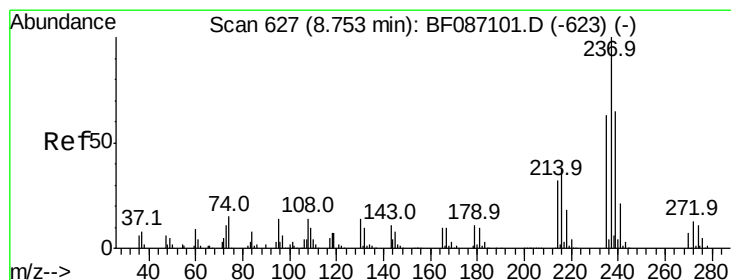
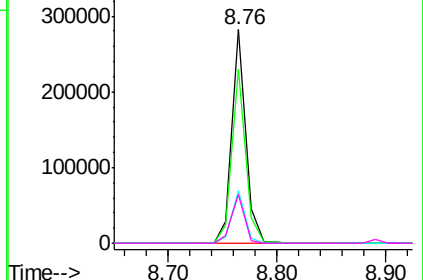
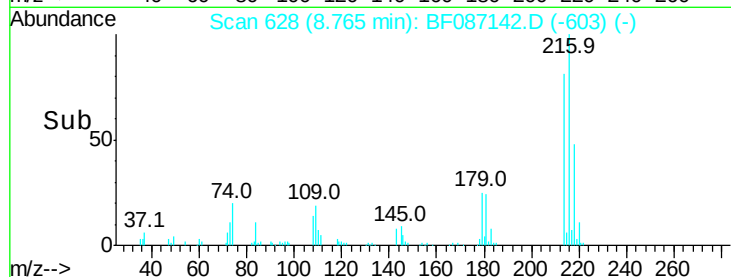


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.28 ng

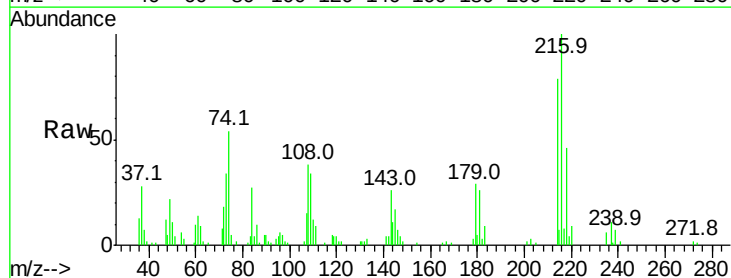
RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

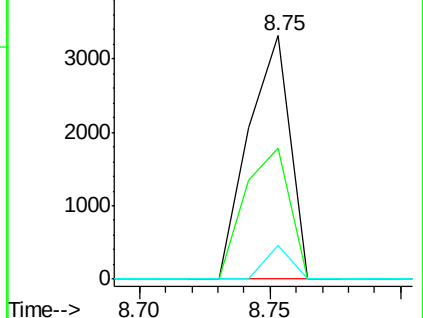
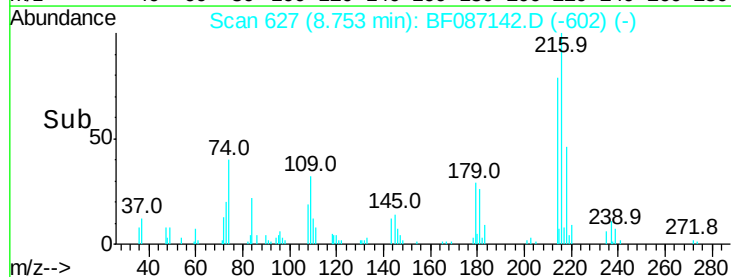
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	3695		
235	53.9	47.2	87.2	
272	14.0	0.0	31.1	

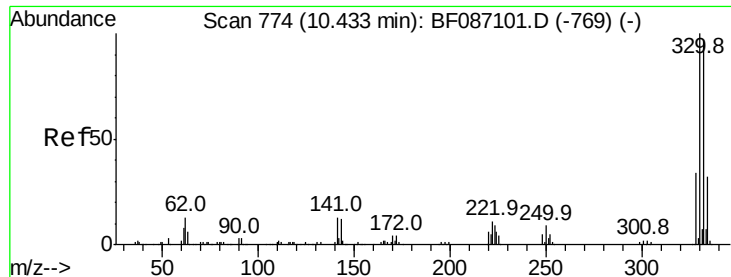


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





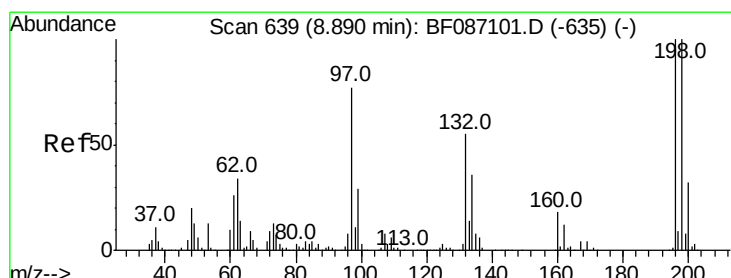
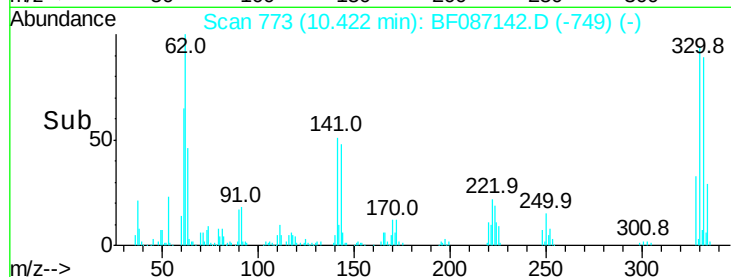
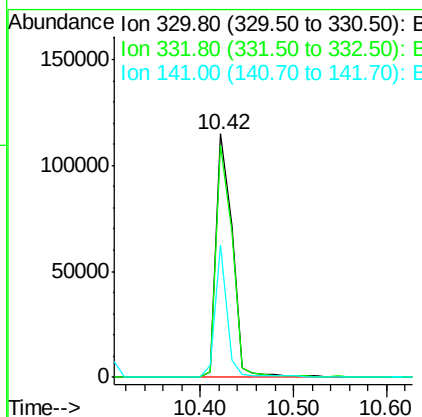
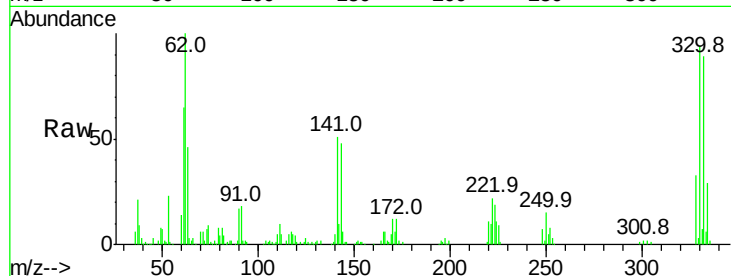
#41
 2,4,6-Tribromophenol
 Concen: 60.55 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	79.0	118.4	
141	40.0	31.2	46.8	

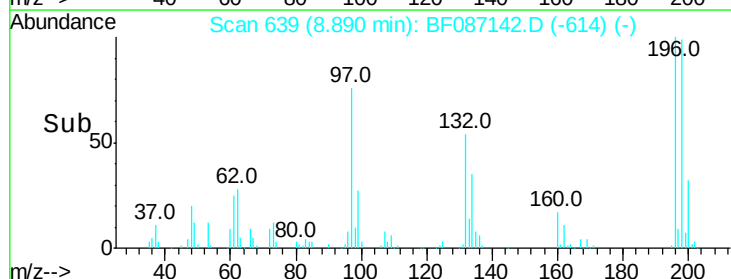
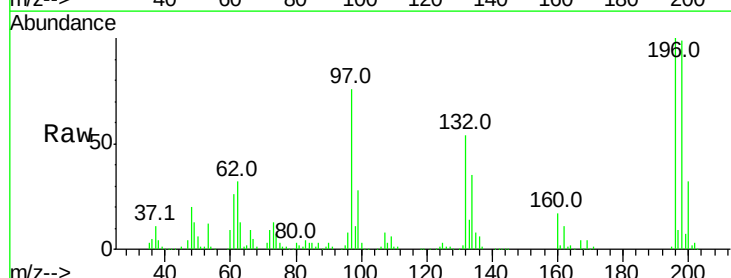
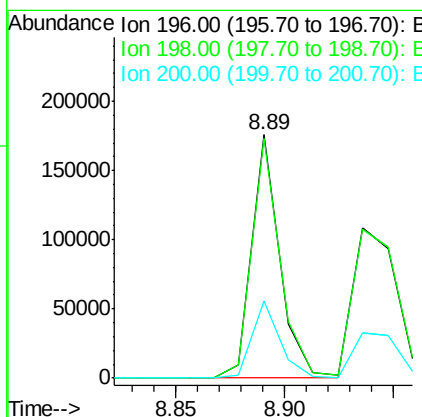
Manual Integrations
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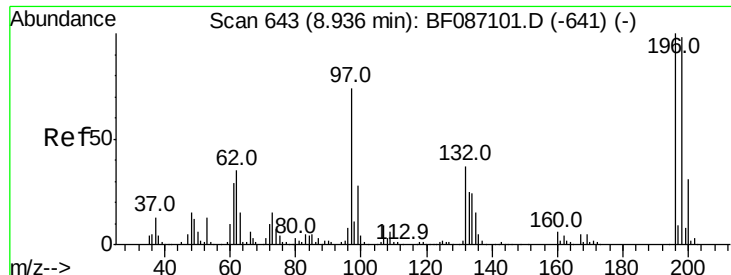
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#42
 2,4,6-Trichlorophenol
 Concen: 40.42 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	74.7	112.1	
200	31.7	23.8	35.6	





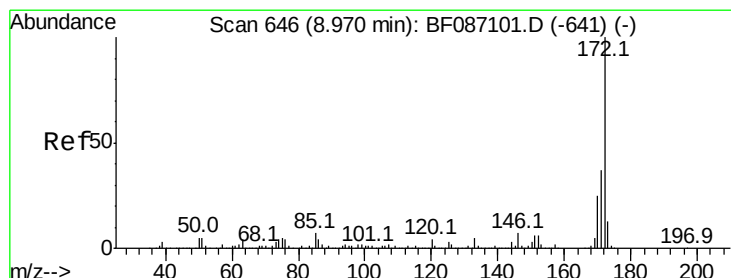
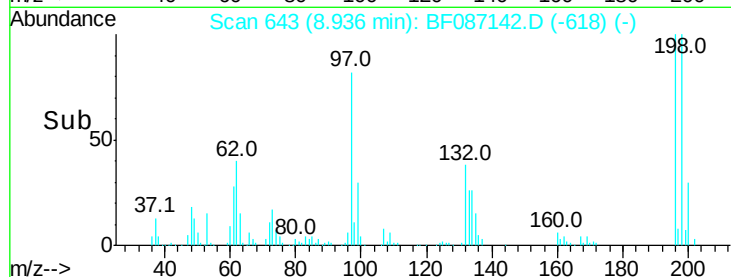
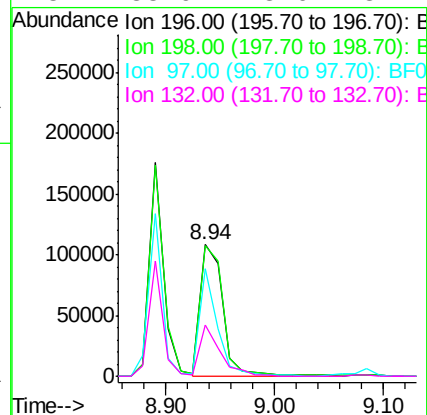
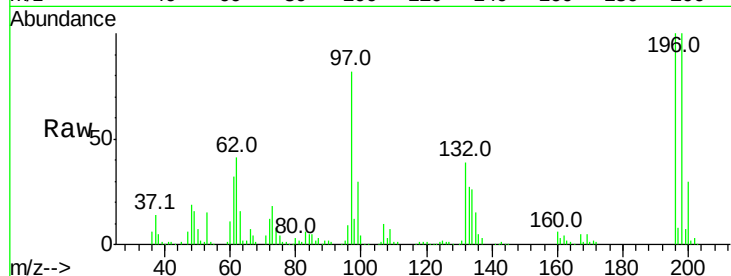
#43
 2,4,5-Trichlorophenol
 Concen: 38.31 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155890		
198	99.9	77.5	116.3	
97	82.3	34.8	52.2	#
132	38.9	23.0	34.4	#

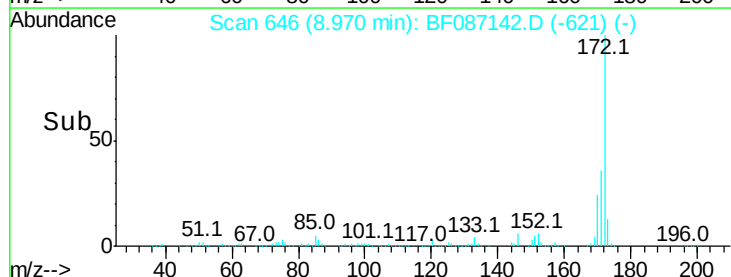
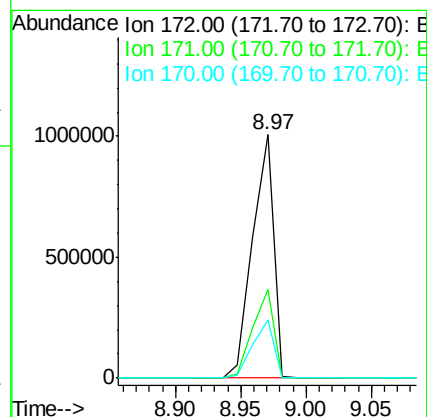
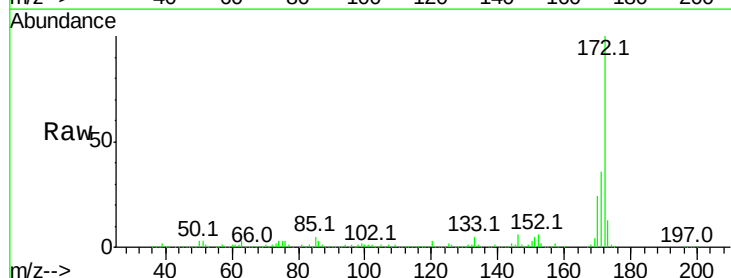
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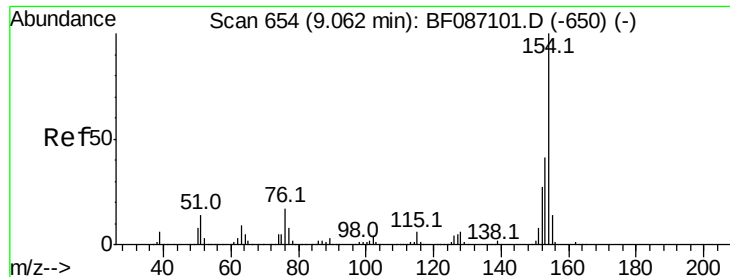
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#44
 2-Fluorobiphenyl
 Concen: 91.16 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1138196		
171	36.2	29.0	43.6	
170	24.0	19.8	29.8	





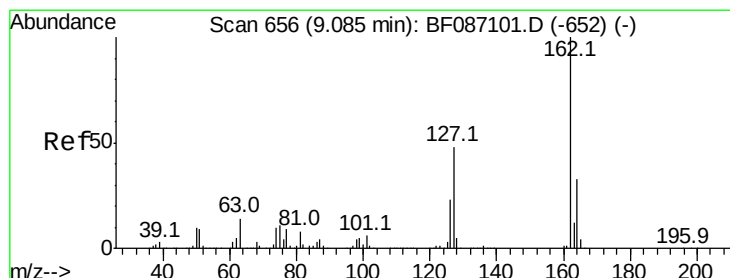
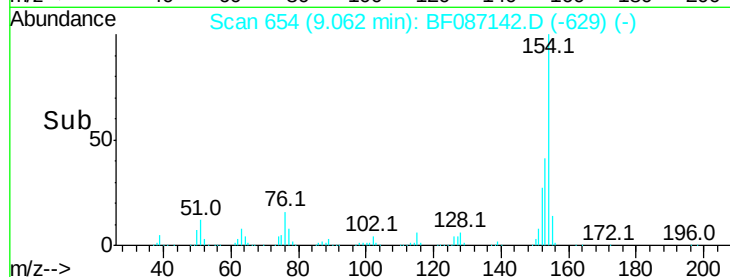
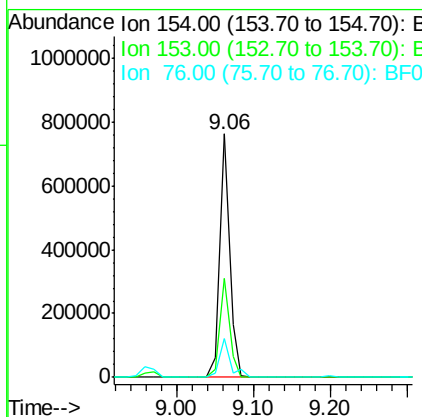
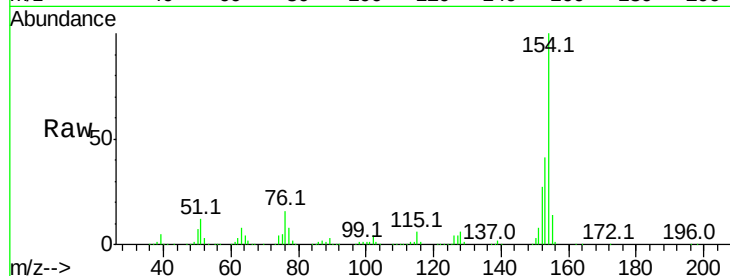
#45
 1,1'-Biphenyl
 Concen: 40.35 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	154	Resp:	691862
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	15.8	0.0	30.2

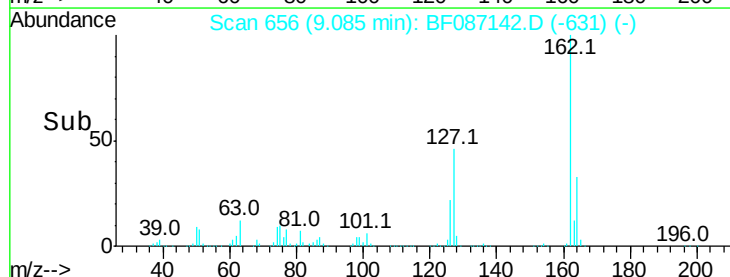
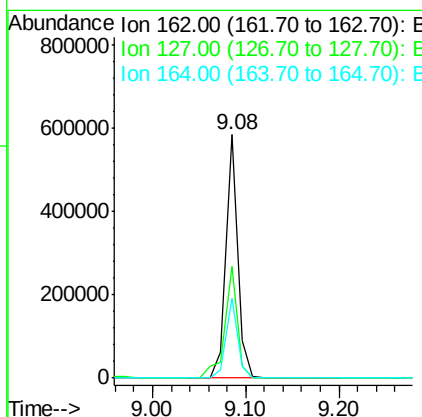
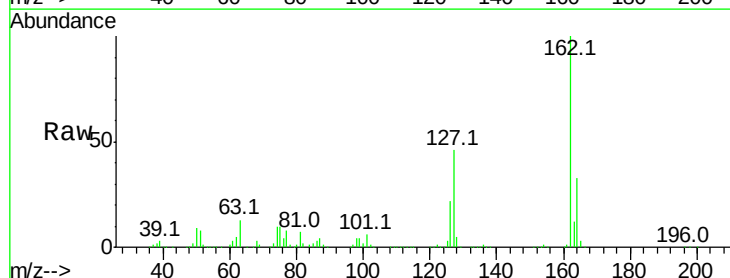
Manual Integrations
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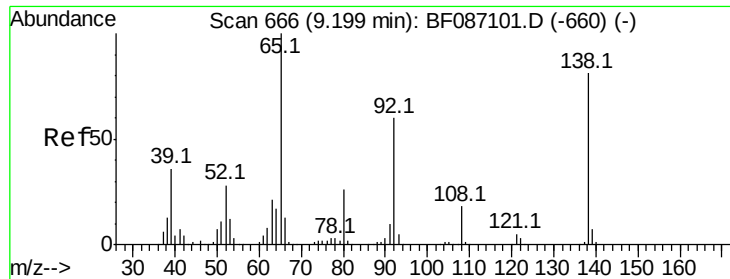
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#46
 2-Chloronaphthalene
 Concen: 39.04 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	162	Resp:	513913
Ion Ratio	Lower	Upper	
162	100		
127	45.8	31.8	47.6
164	32.6	27.0	40.6





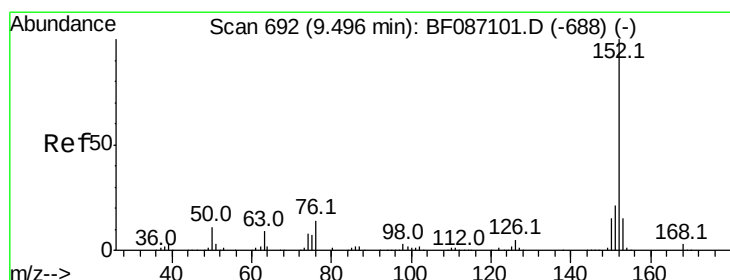
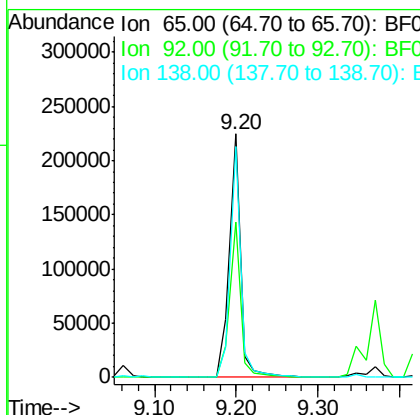
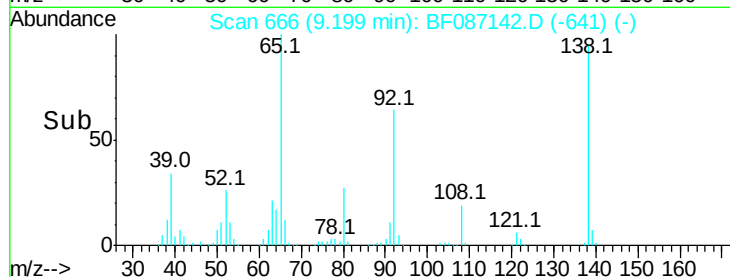
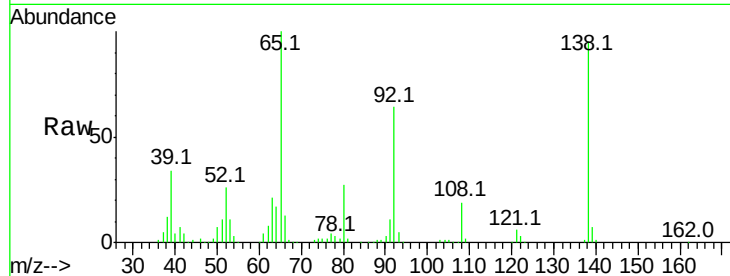
#47
 2-Nitroaniline
 Concen: 43.16 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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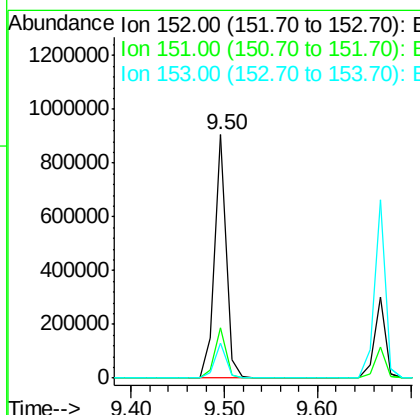
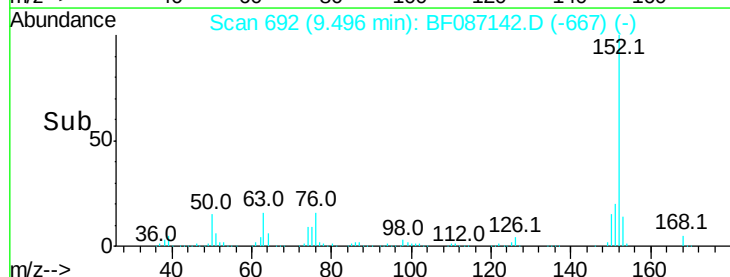
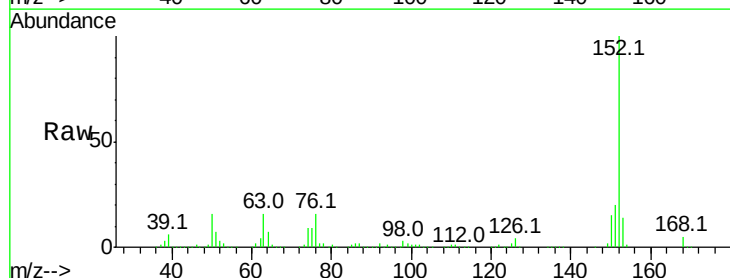
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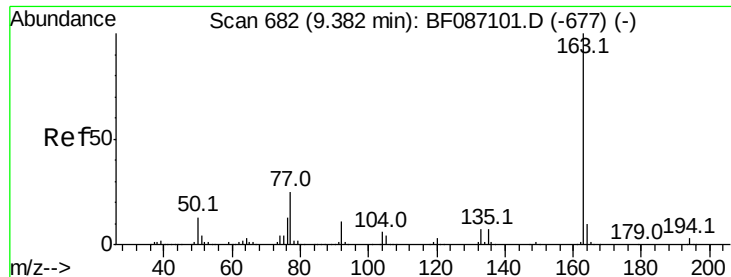
Tot Ion:	65	Resp:	217705
Ion Ratio	Lower	Upper	
65	100		
92	63.7	57.4	86.2
138	94.7	90.1	135.1



#48
 Acenaphthylene
 Concen: 39.03 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	152	Resp:	784441
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	14.2	10.9	16.3





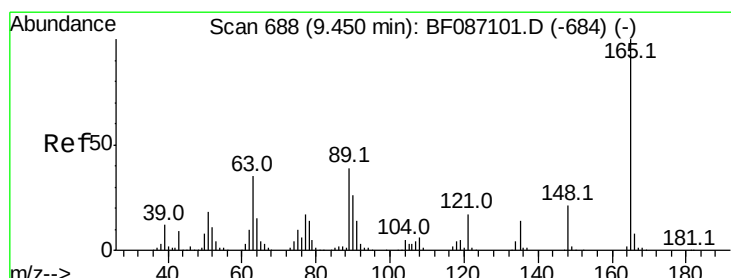
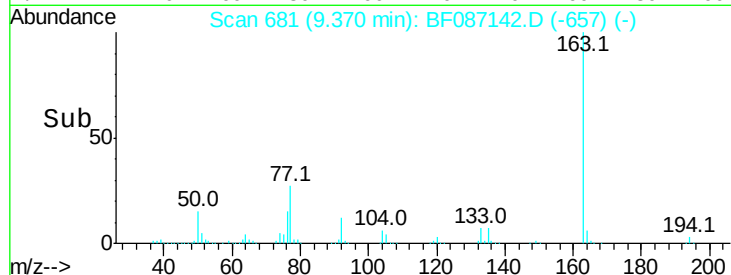
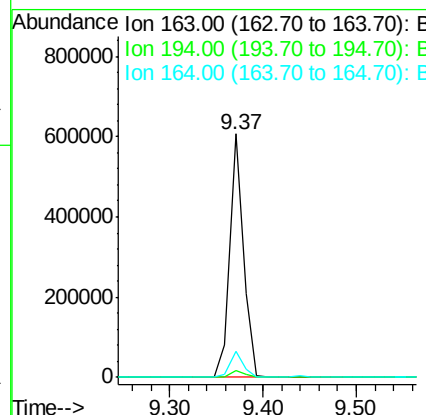
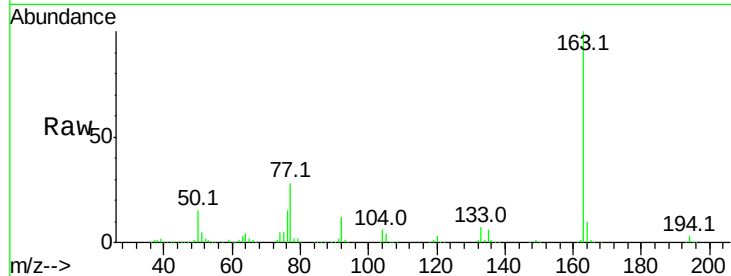
#49
Dimethylphthalate
Concen: 39.48 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	622840		
194	2.9		2.6	4.0
164	10.5		8.2	12.4

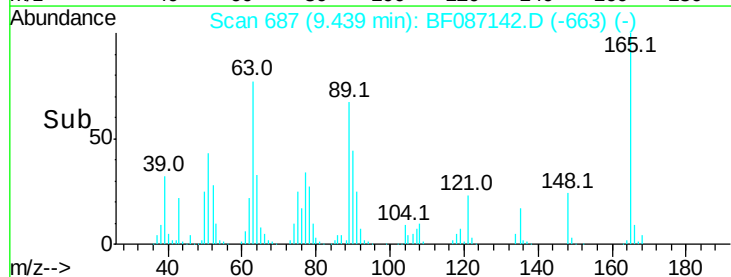
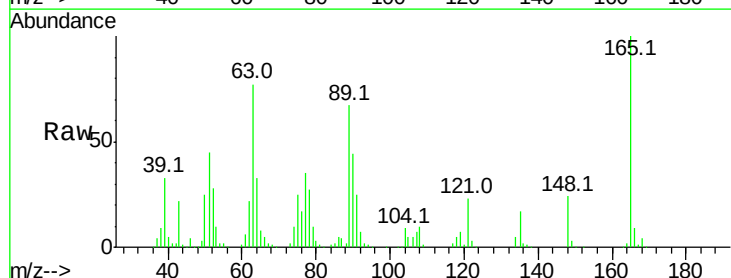
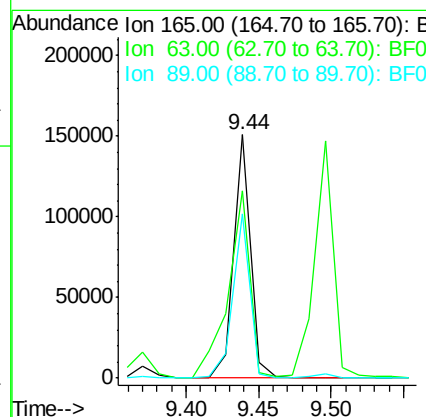
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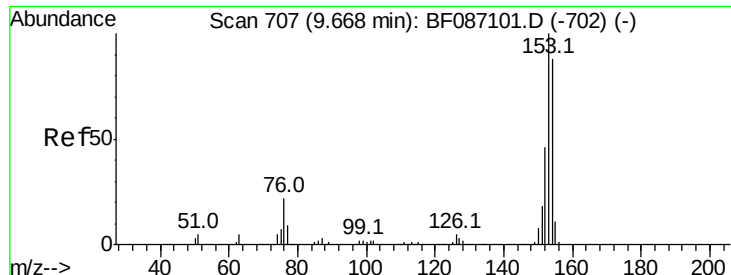
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#50
2,6-Dinitrotoluene
Concen: 35.52 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121673		
63	77.1		51.8	77.8
89	67.2		50.7	76.1





#51

Acenaphthene

Concen: 38.62 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

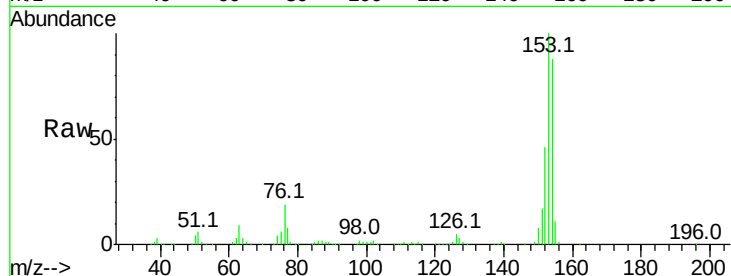
ClientSampleId :

SSTDCCC040EC

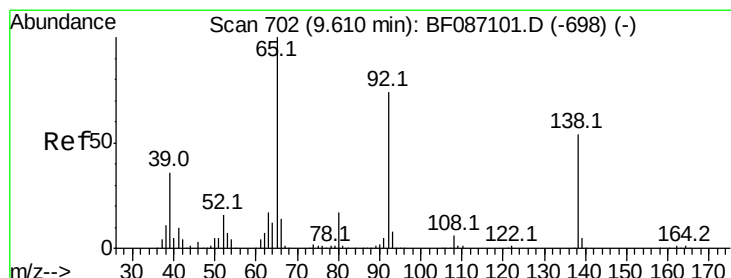
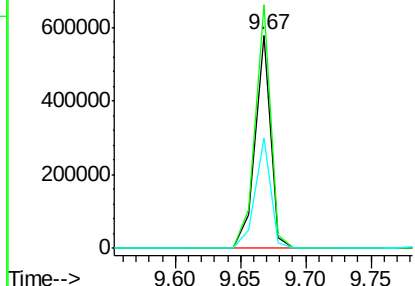
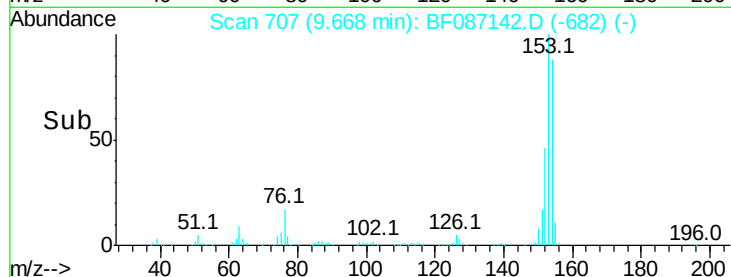
Tot Ion:	154	Resp:	484974
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	52.1	43.4	65.0

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



#52

3-Nitroaniline

Concen: 42.27 ng

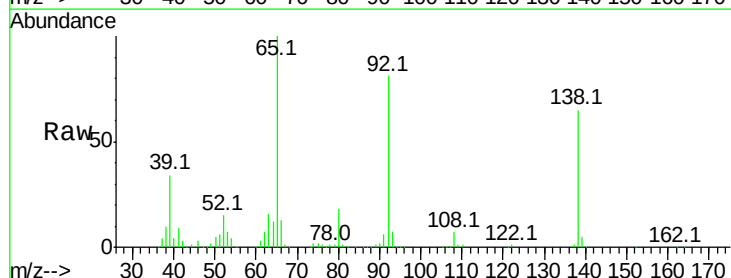
RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

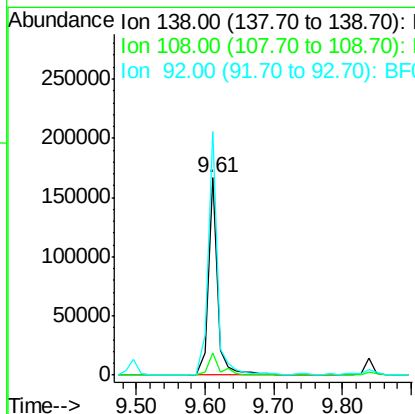
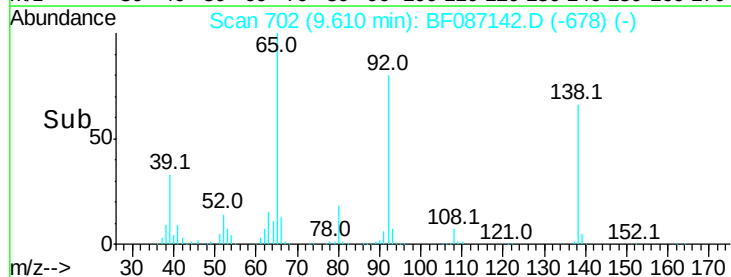
Lab File: BF087142.D

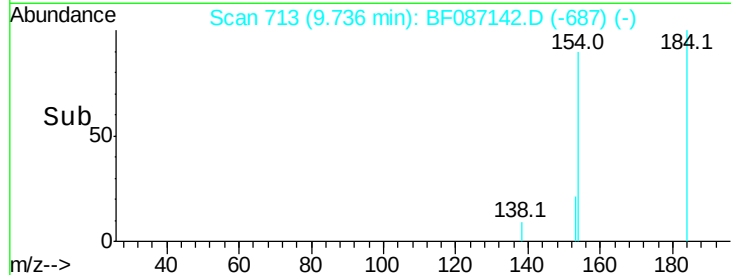
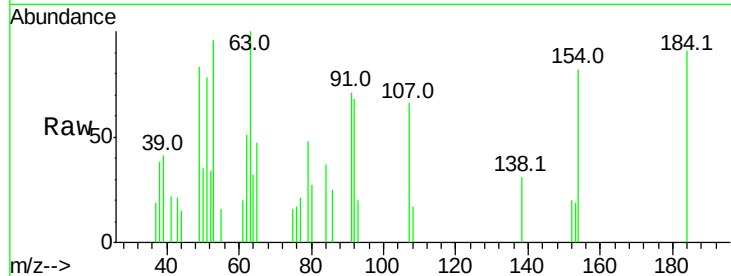
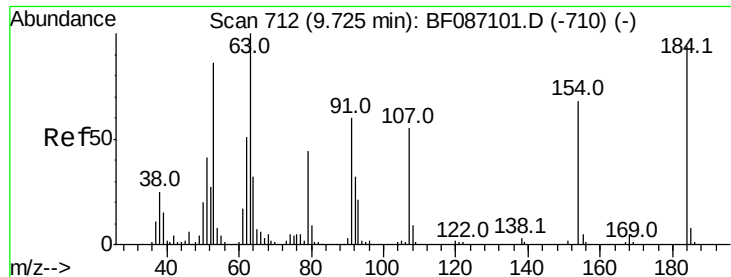
Acq: 18 May 2016 10:27

Tgt Ion:	138	Resp:	156733
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	123.6	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





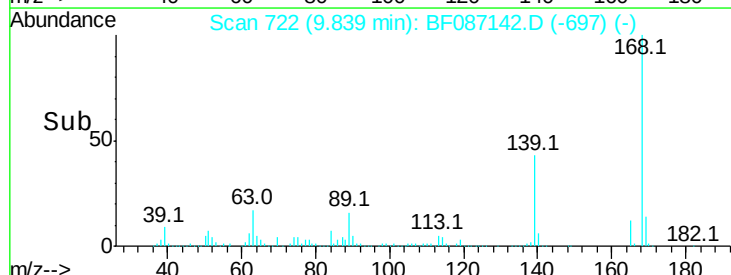
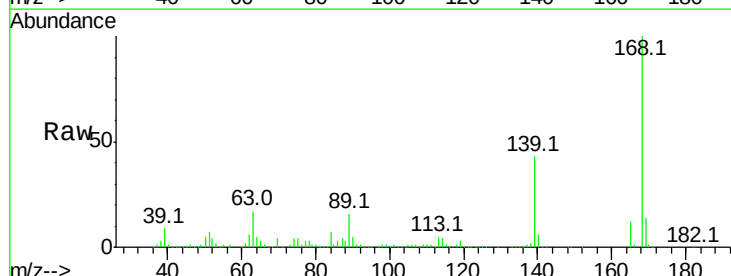
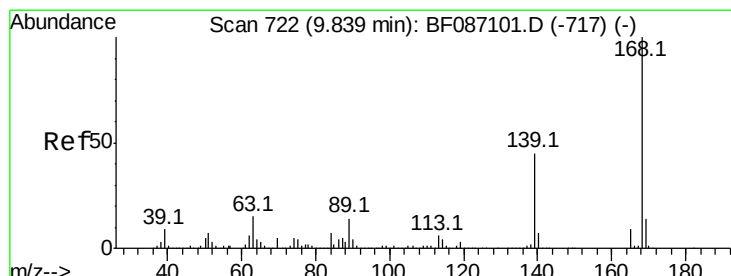
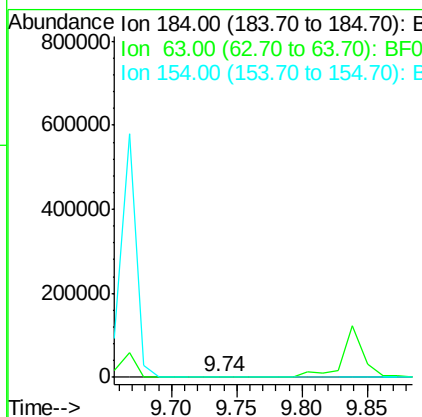
#53
2,4-Dinitrophenol
Concen: 6.82 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tot Ion	Ratio	Resp	Lower	Upper
184	100	4347		
63	109.6	55.8	83.8#	
154	90.2	62.4	93.6	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

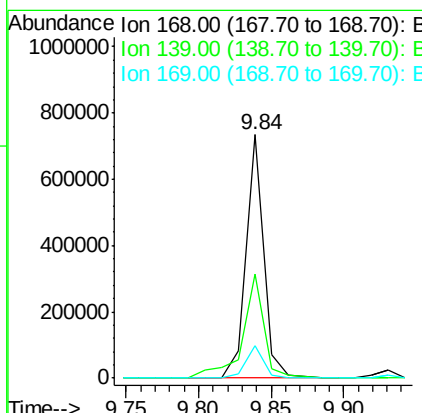
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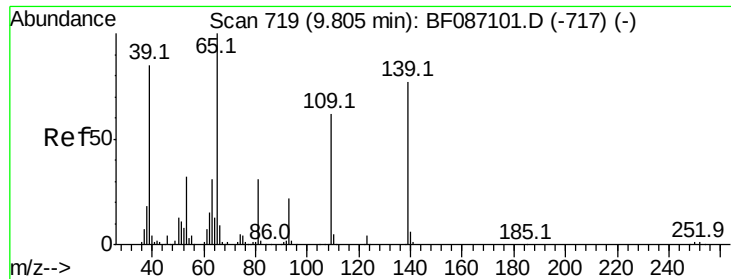
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#54
Dibenzofuran
Concen: 38.24 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	620920		
139	43.0	31.4	47.0	
169	13.6	10.7	16.1	





#55

4-Nitrophenol

Concen: 42.74 ng/mL

RT: 9.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

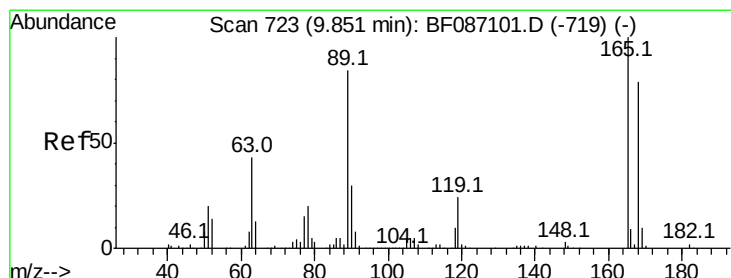
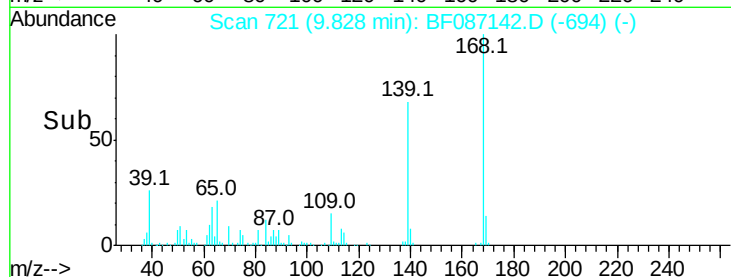
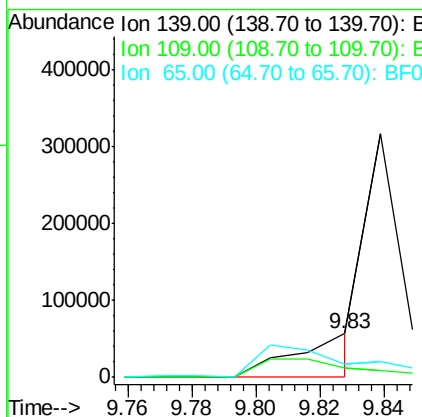
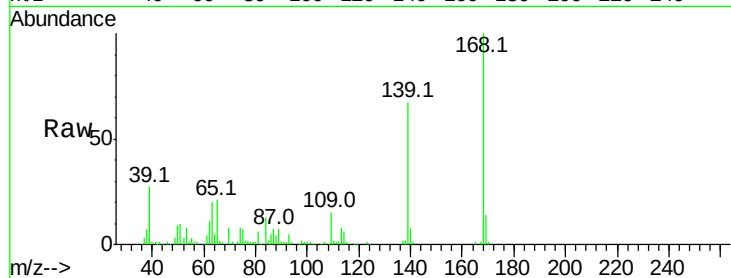
ClientSampleID :

SSTDCCC040EC

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Tot Ion:	139	Resp:	79086
Ion Ratio	Lower	Upper	
139	100		
109	22.4	36.9	76.9#
65	31.5	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 30.06 ng/mL

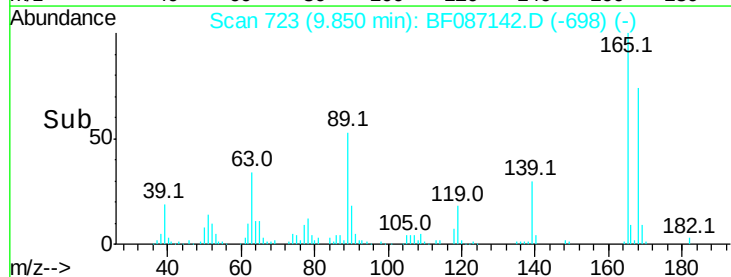
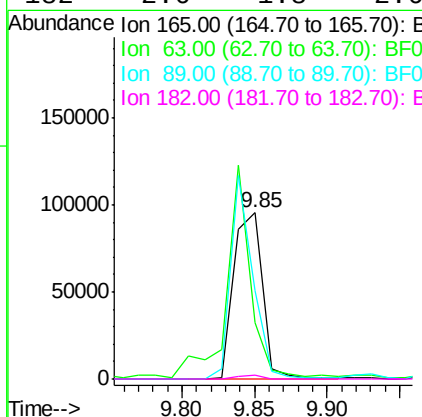
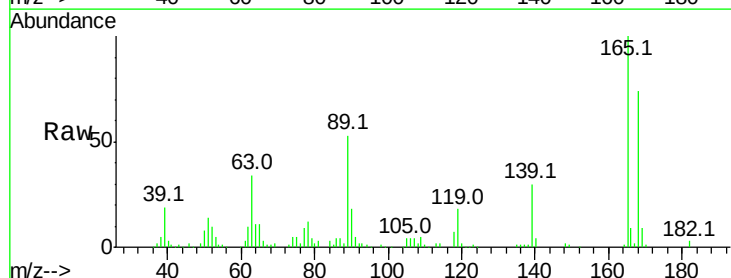
RT: 9.85 min Scan# 723

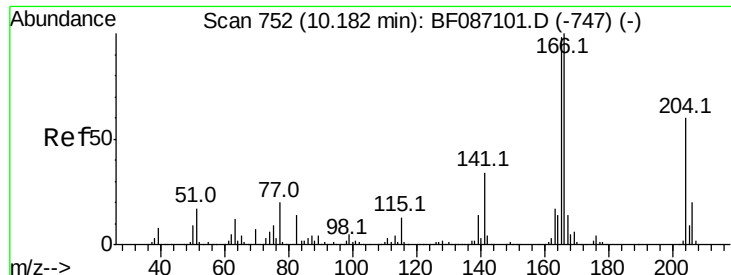
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	165	Resp:	131849
Ion Ratio	Lower	Upper	
165	100		
63	34.3	44.3	66.5#
89	52.9	70.0	105.0#
182	2.6	1.8	2.6





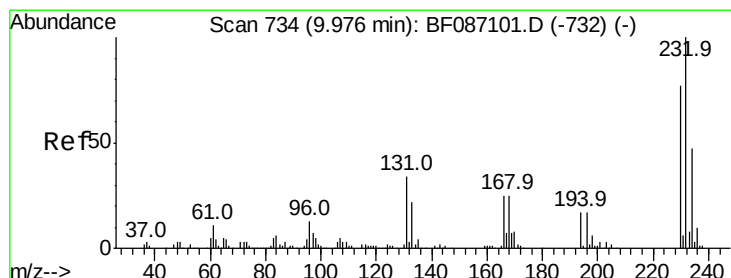
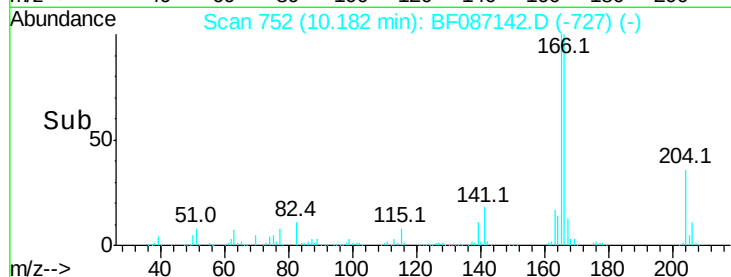
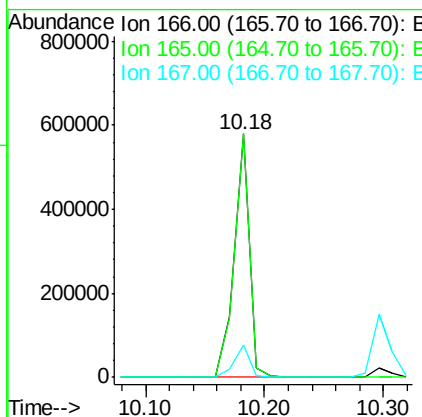
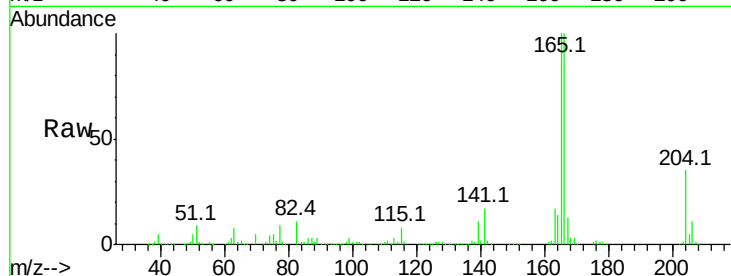
#57
Fluorene
 Concen: 39.80 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	166	Resp:	519283
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.0	118.6
167	13.4	10.6	15.8

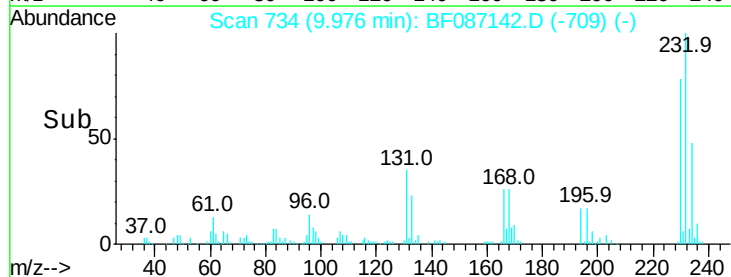
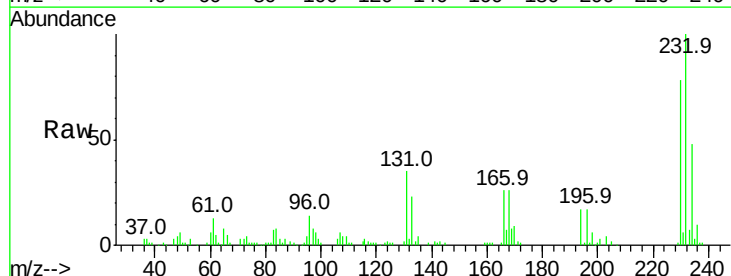
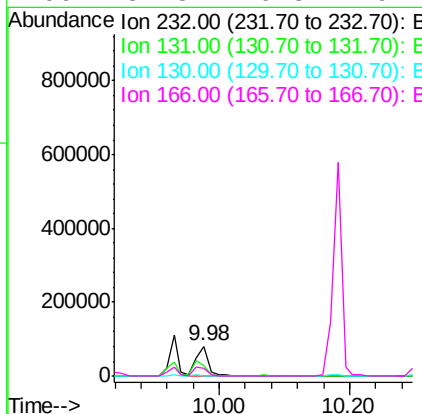
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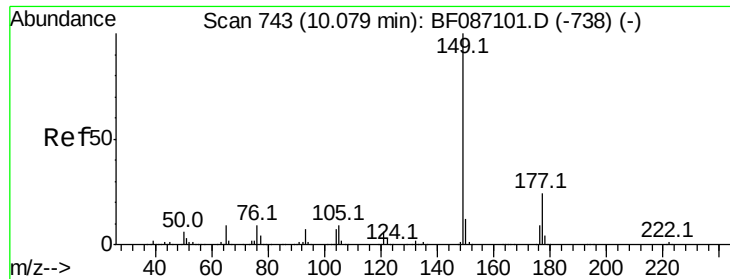
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.82 ng
 RT: 9.98 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	232	Resp:	107171
Ion Ratio	Lower	Upper	
232	100		
131	50.5	41.9	62.9
130	2.5	2.2	3.4
166	31.8	26.8	40.2





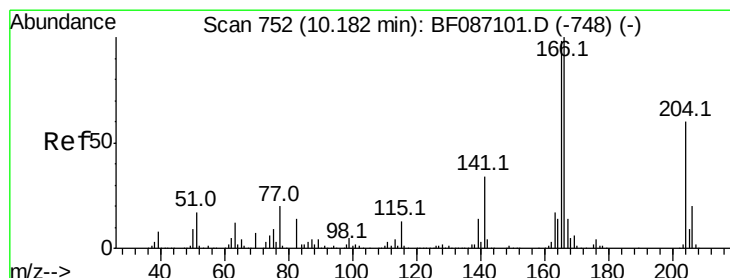
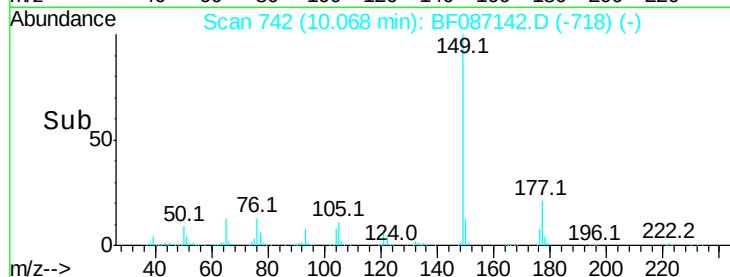
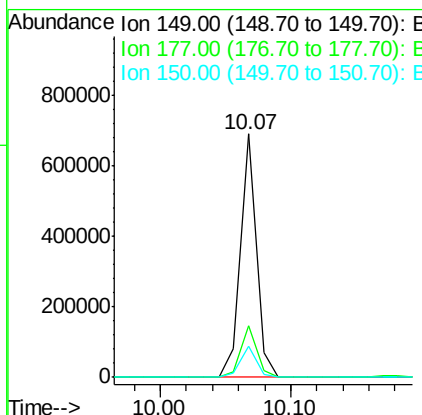
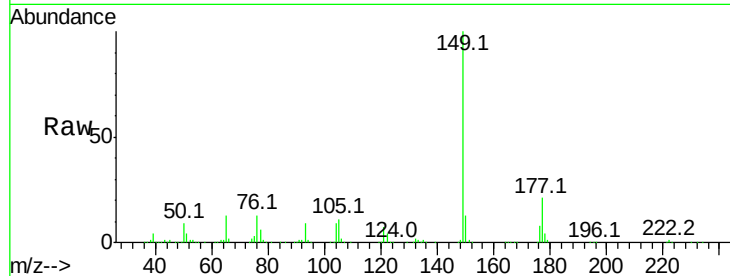
#59
Diethylphthalate
Concen: 38.70 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	582758		
177	21.4	16.6	24.8	
150	12.7	10.0	15.0	

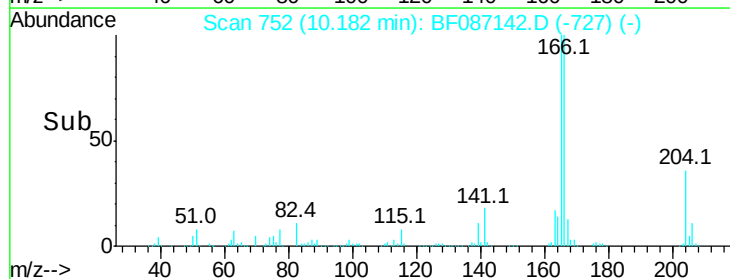
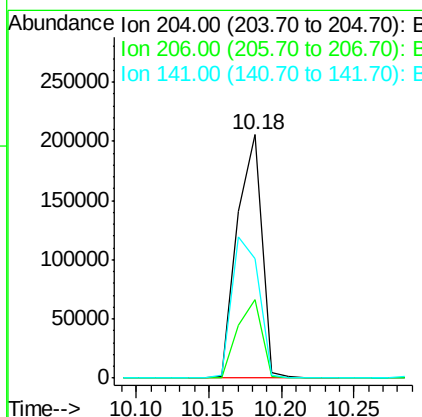
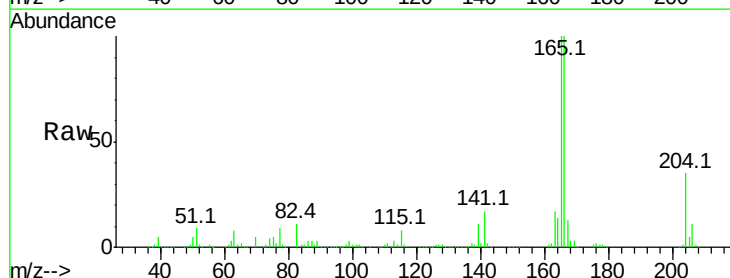
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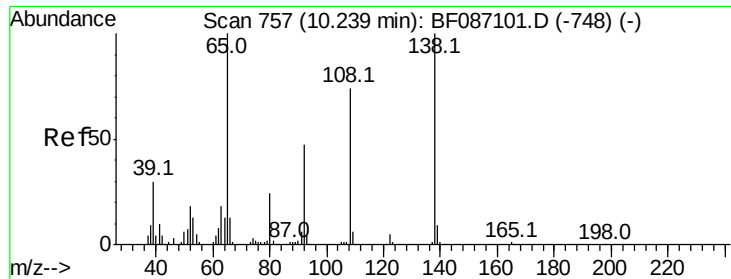
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#60
4-Chlorophenyl-phenylether
Concen: 39.33 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243191		
206	32.1	25.4	38.0	
141	49.3	61.6	92.4	





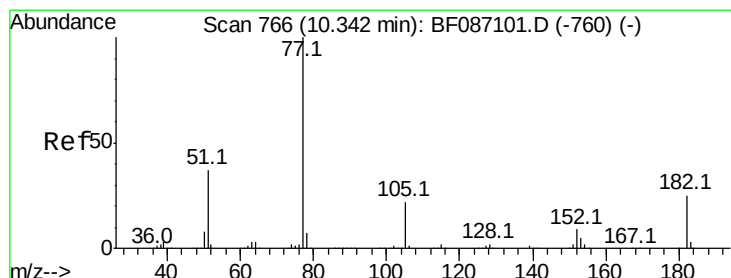
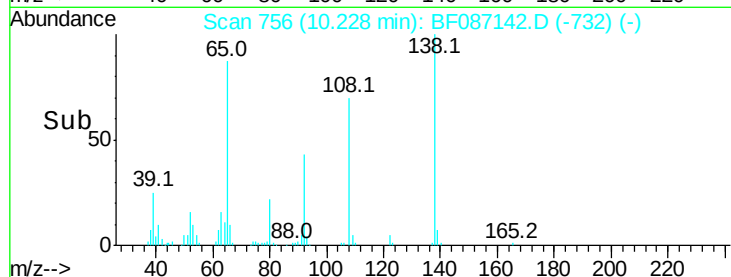
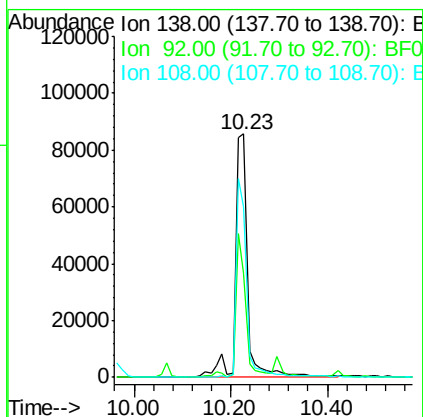
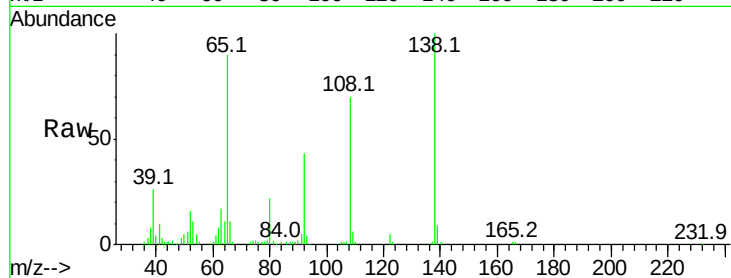
#61
4-Nitroaniline
Concen: 41.92 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.5	24.7	64.7
108	70.1	37.4	77.4

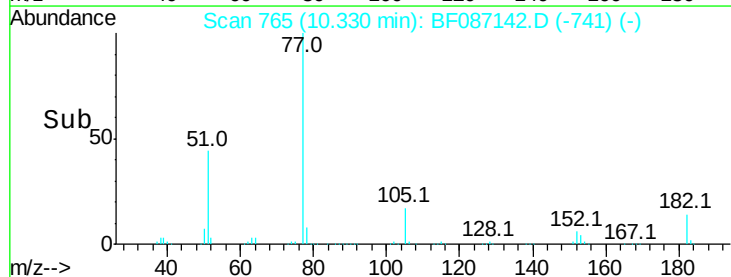
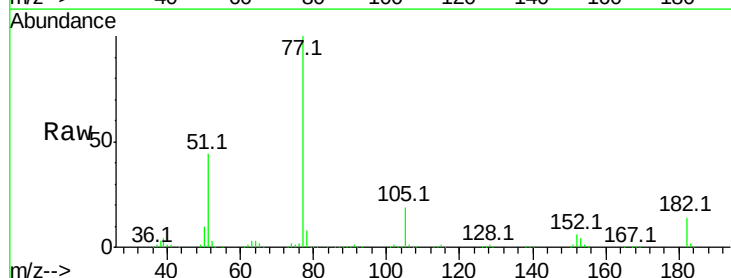
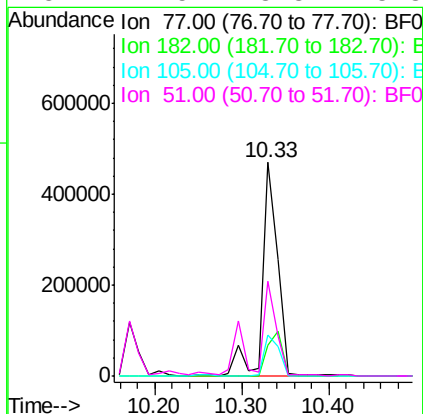
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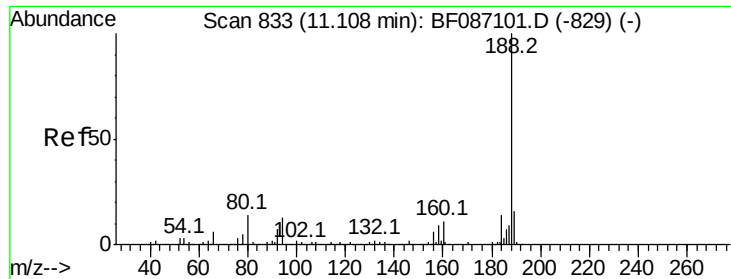
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#62
Azobenzene
Concen: 33.26 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.1	0.0	38.8
105	19.0	3.2	43.2
51	44.5	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

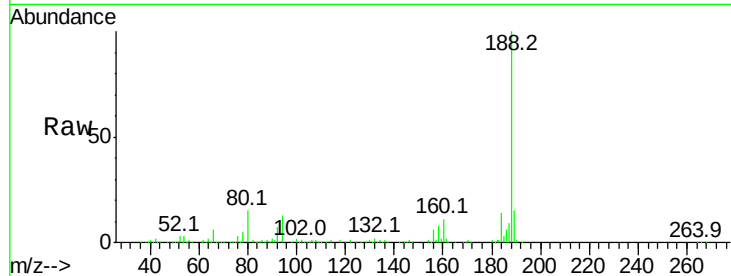
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	319079
Ion Ratio	Lower	Upper	
188	100		
94	12.8	6.8	10.2#
80	14.5	7.1	10.7#

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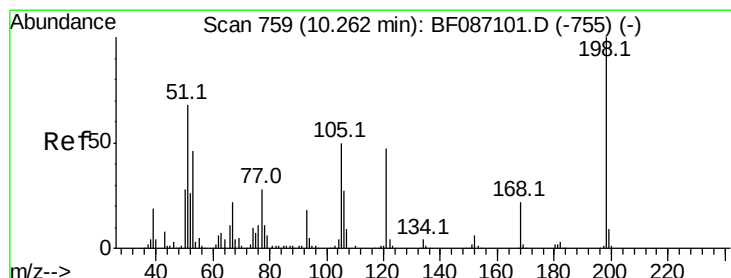
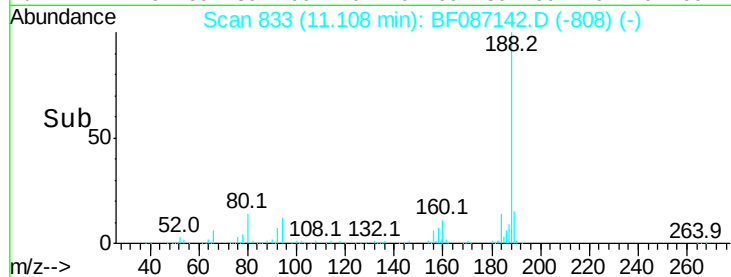
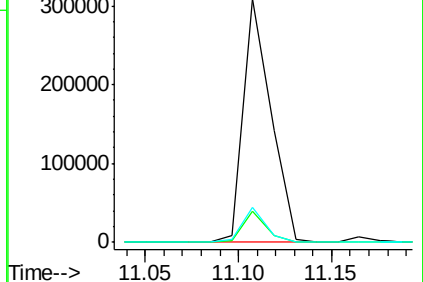
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 5.48 ng

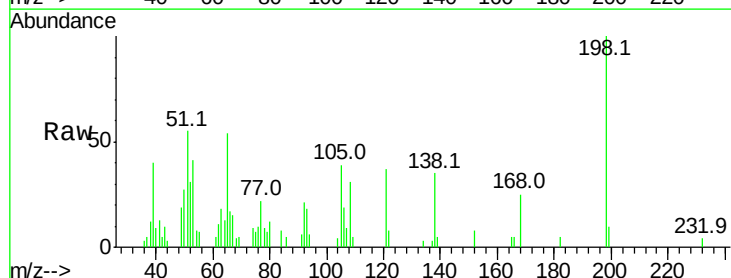
RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

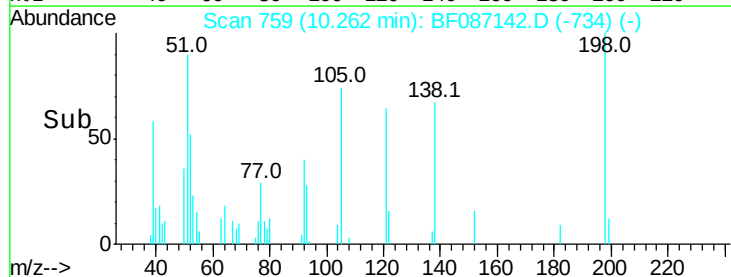
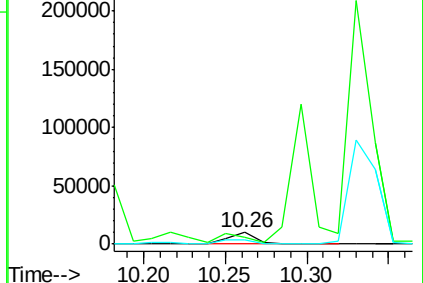
Tgt Ion:	198	Resp:	11522
Ion Ratio	Lower	Upper	
198	100		
51	54.7	20.5	60.5
105	38.5	24.5	64.5

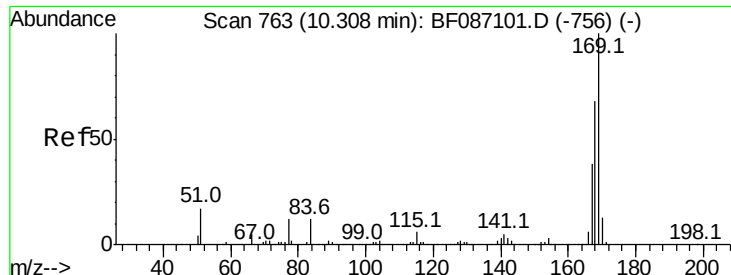


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





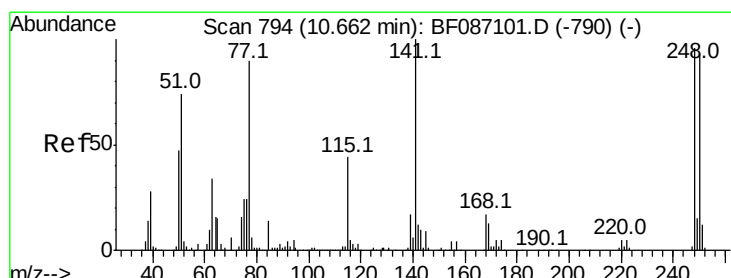
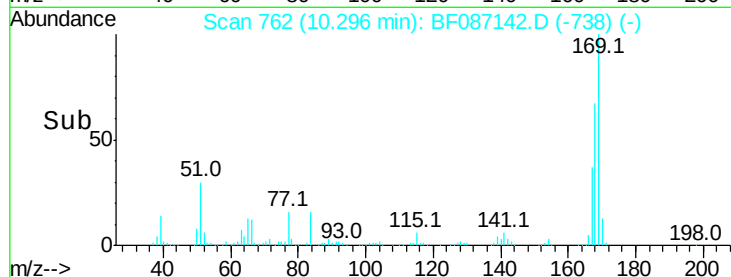
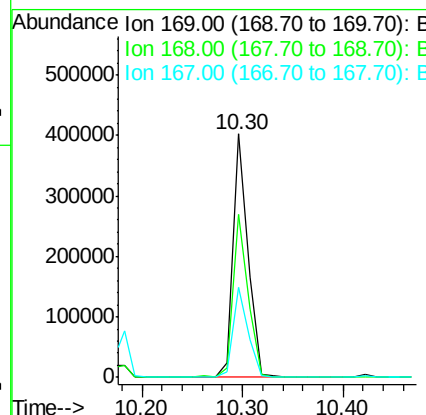
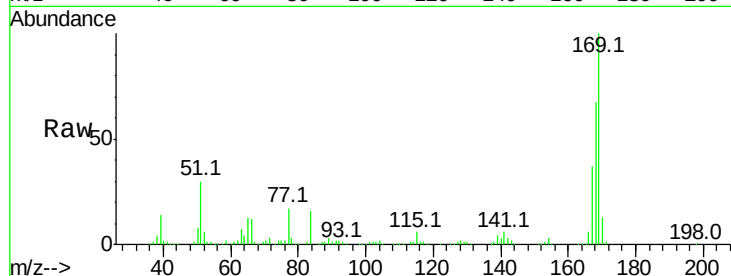
#65
n-Nitrosodiphenylamine
Concen: 41.20 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.2	53.8	80.6	
167	37.1	29.5	44.3	

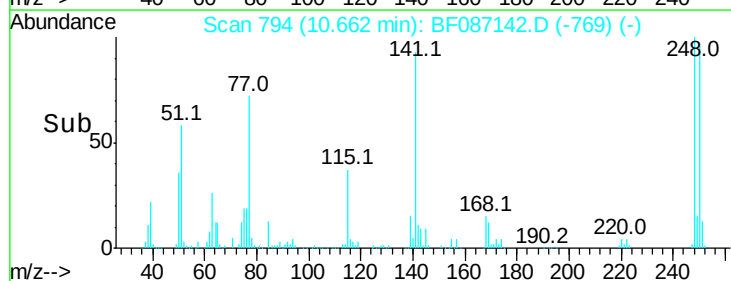
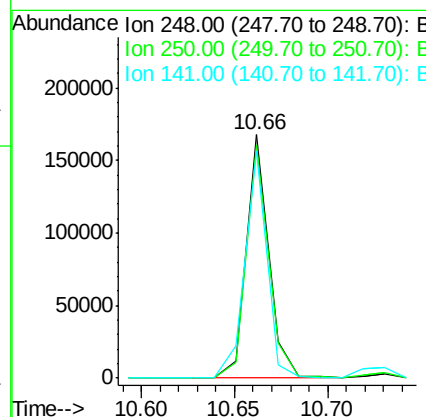
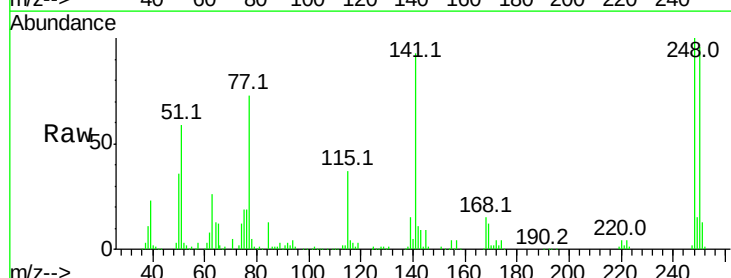
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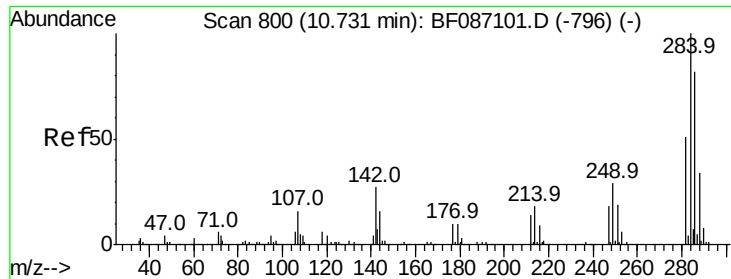
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#66
4-Bromophenyl-phenylether
Concen: 43.21 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.9	78.6	117.8	
141	93.5	76.0	114.0	





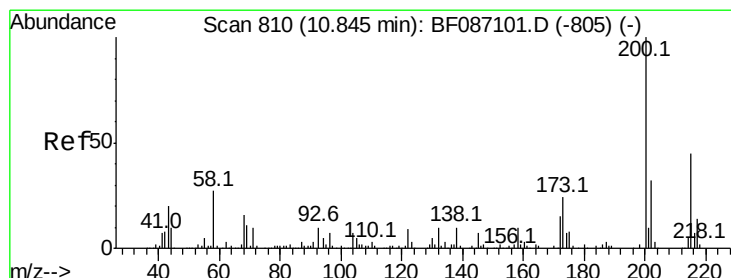
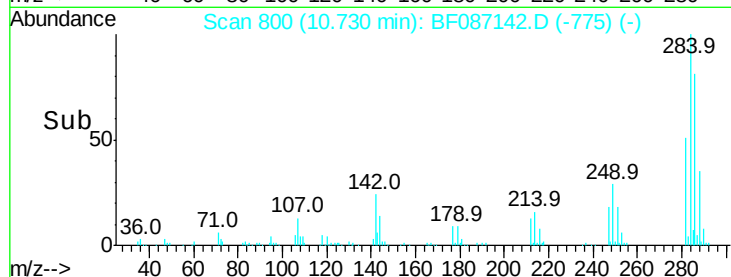
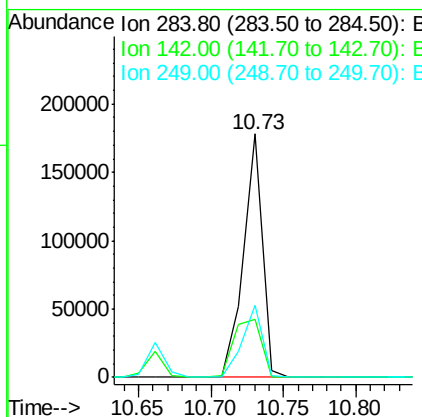
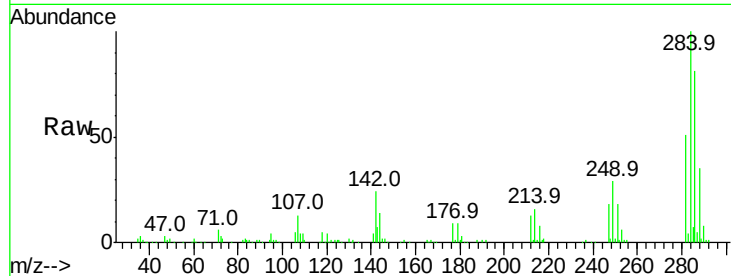
#67
Hexachlorobenzene
Concen: 42.53 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	161796		
142	24.0	16.7	25.1	
249	29.4	21.3	31.9	

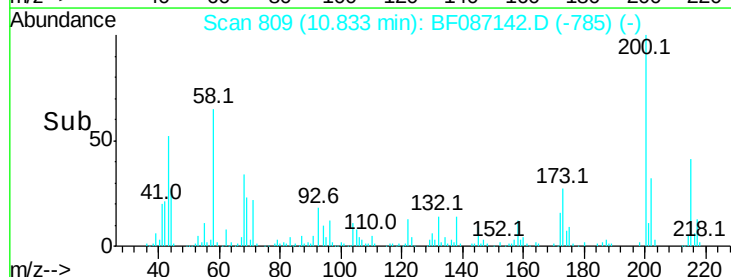
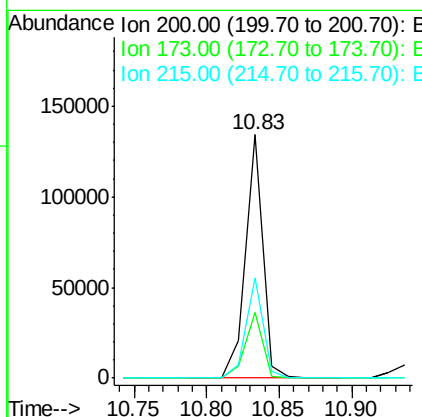
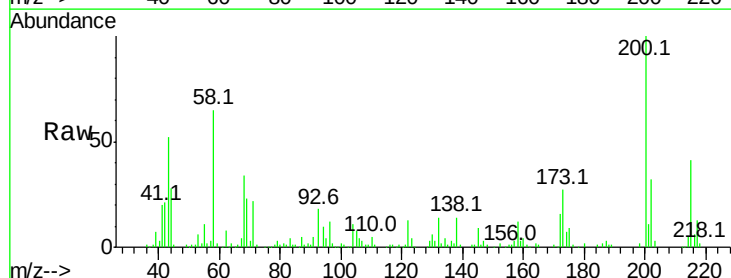
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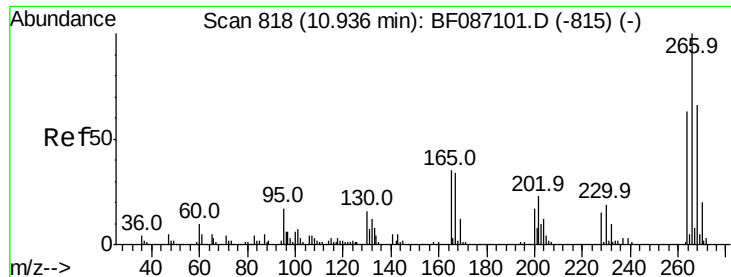
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#68
Atrazine
Concen: 34.16 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	111898		
173	27.2	8.5	48.5	
215	41.4	27.2	67.2	





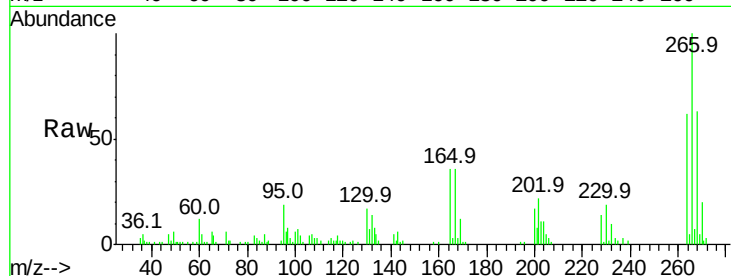
#69
 Pentachlorophenol
 Concen: 38.69 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

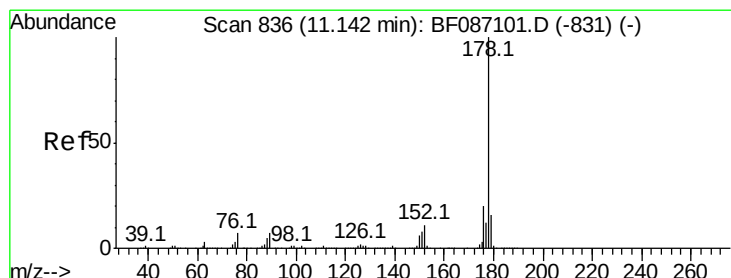
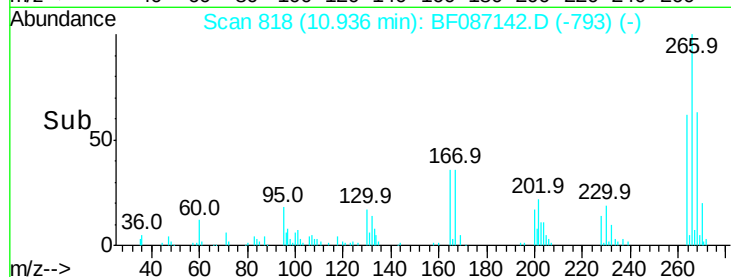
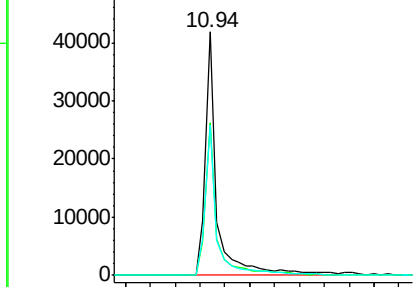
Tot Ion:	266	Resp:	55287
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.5	77.3
264	61.9	52.9	79.3

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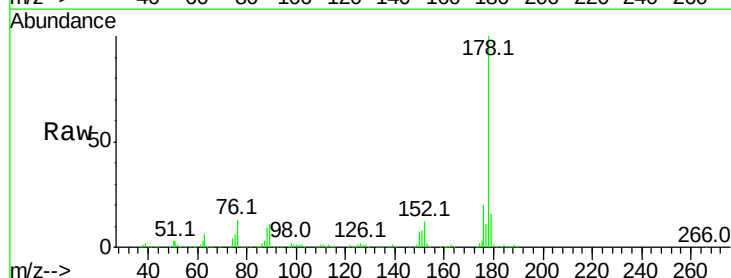


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

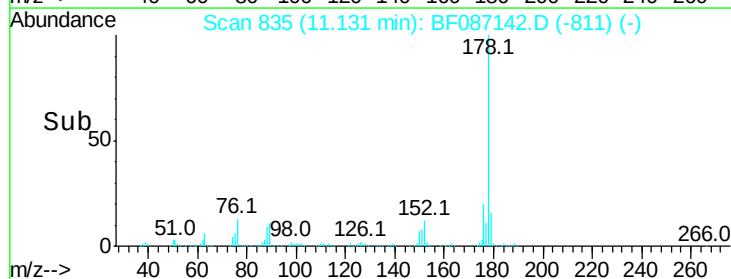
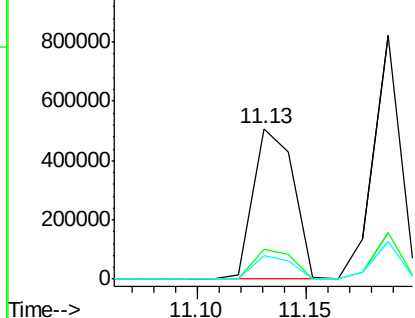


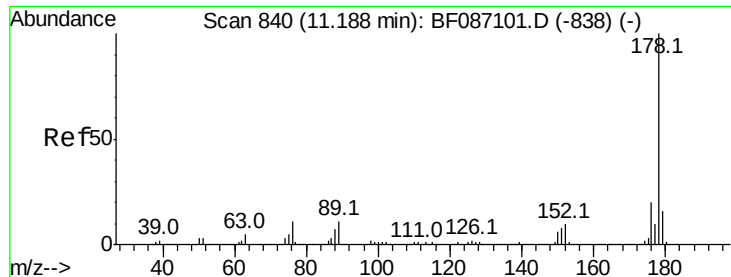
#70
 Phenanthrene
 Concen: 37.95 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	178	Resp:	656787
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.0	24.0
179	15.6	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: 41.07 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

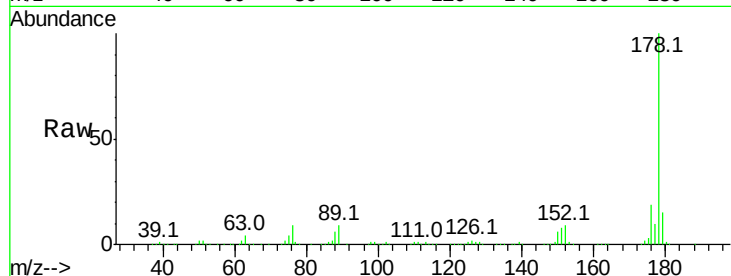
ClientSampleId :

SSTDCCC040EC

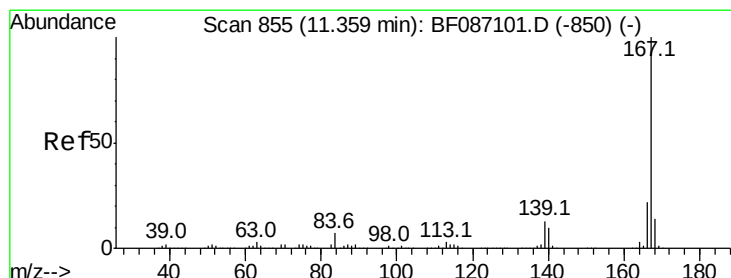
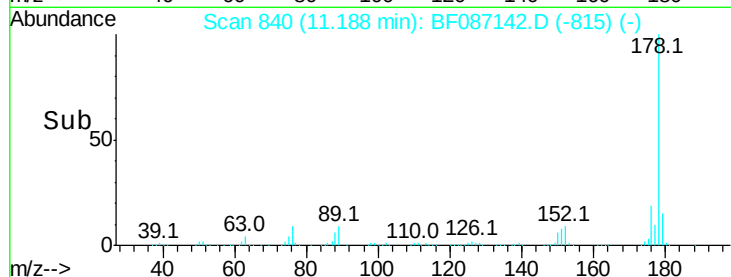
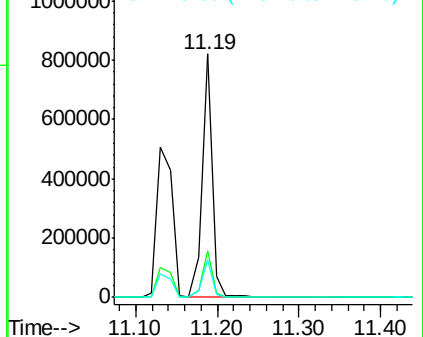
Tot Ion:	178	Resp:	718941
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.6	23.4
179	15.5	12.7	19.1

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



#72

Carbazole

Concen: 37.20 ng

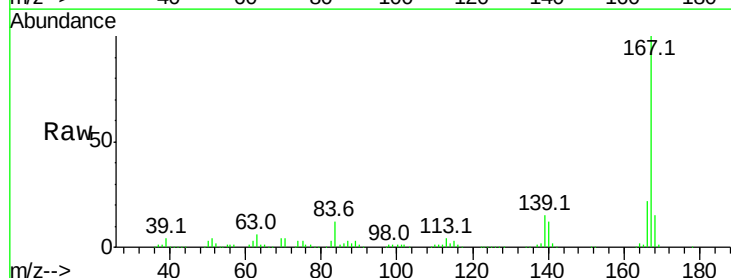
RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

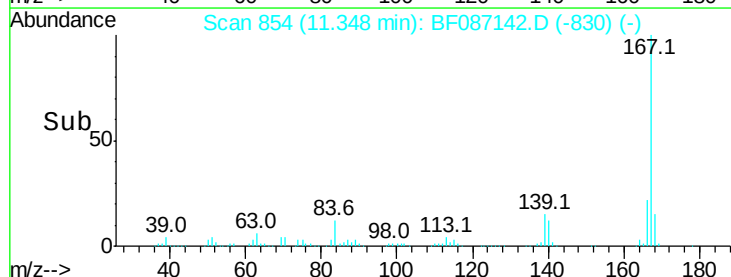
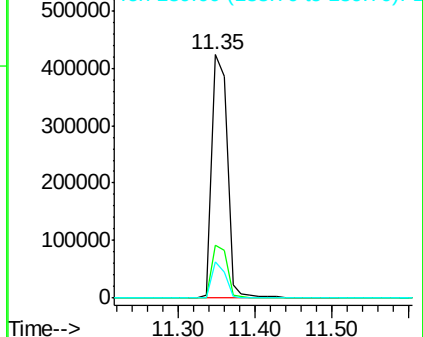
Lab File: BF087142.D

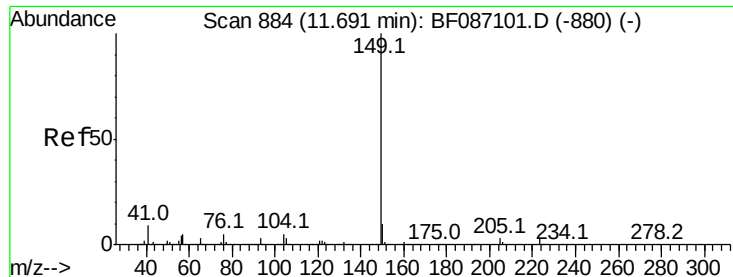
Acq: 18 May 2016 10:27

Tgt Ion:	167	Resp:	594785
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.7	26.5
139	15.1	10.8	16.2



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





#73

Di-n-butylphthalate

Concen: 44.81 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

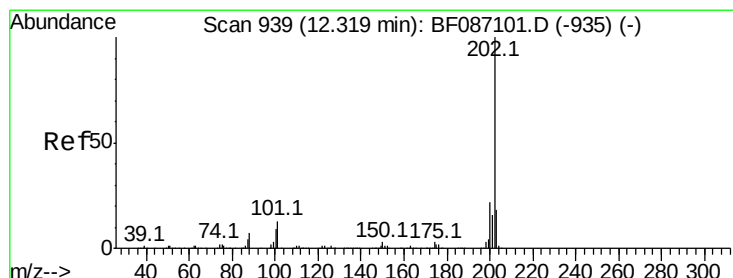
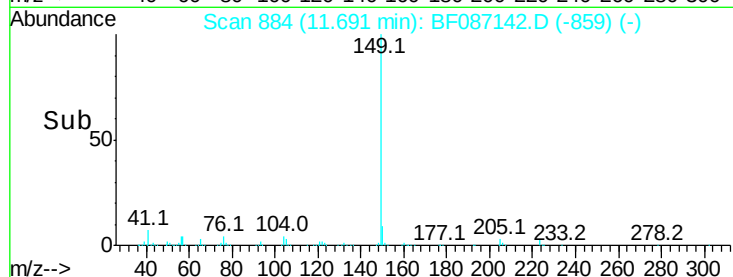
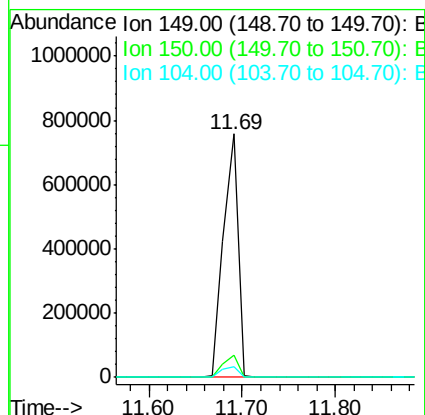
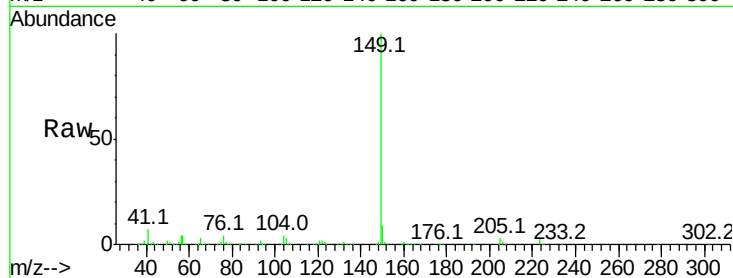
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	822981
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	4.4	3.8	5.6

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#74

Fluoranthene

Concen: 40.94 ng

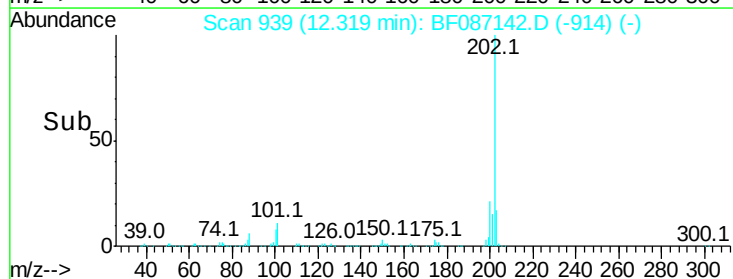
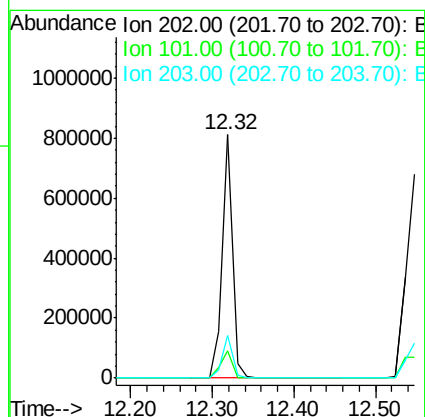
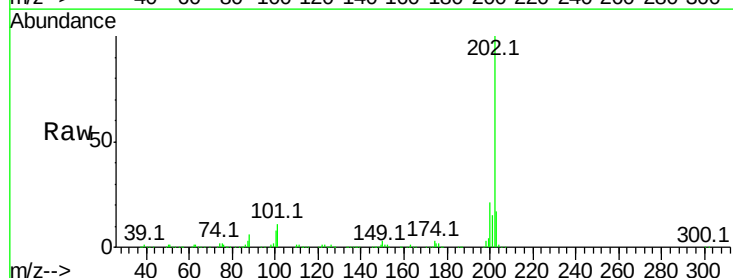
RT: 12.32 min Scan# 939

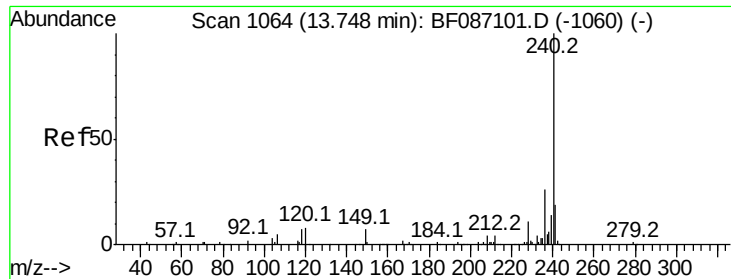
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	202	Resp:	709878
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	35.4
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

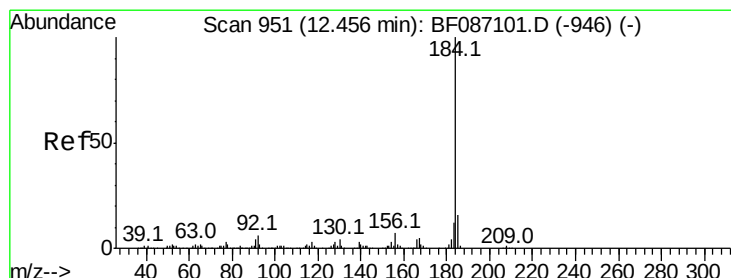
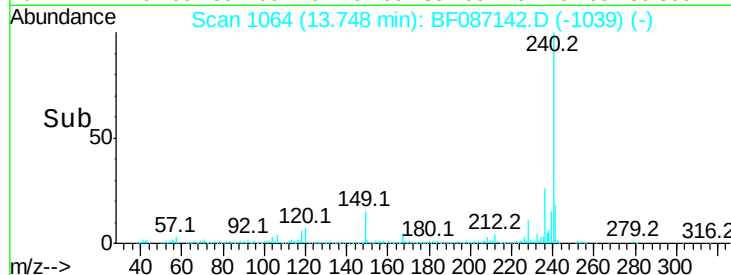
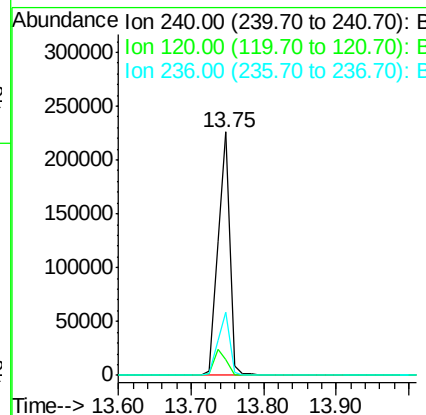
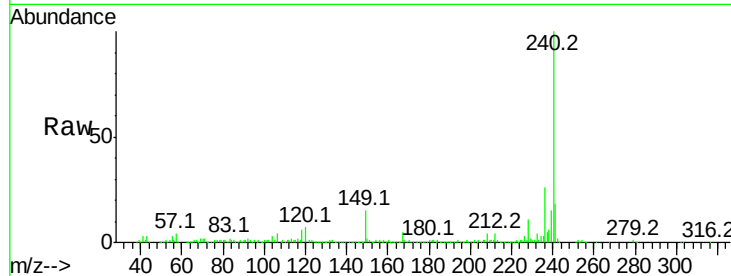
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	254278
Ion Ratio	Lower	Upper	
240	100		
120	6.7	11.2	16.8#
236	25.9	21.2	31.8

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#76

Benzidine

Concen: 38.28 ng

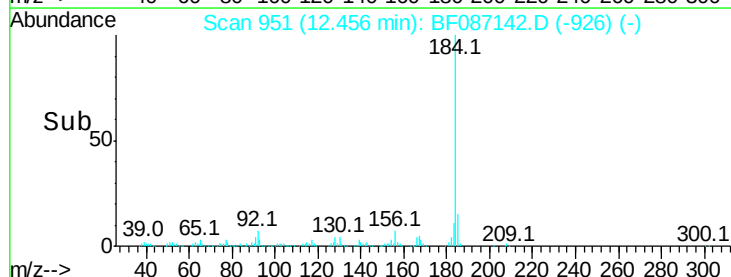
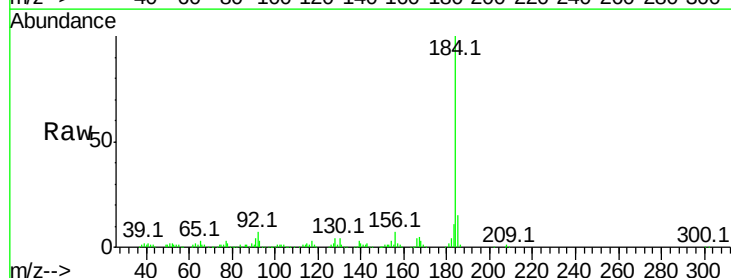
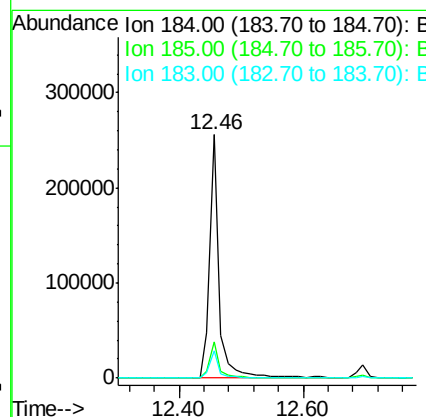
RT: 12.46 min Scan# 951

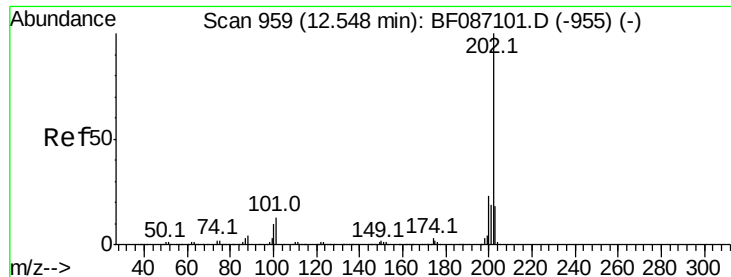
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	184	Resp:	278238
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.4	9.8	14.6





#77

Pvrene

Concen: 39.37 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

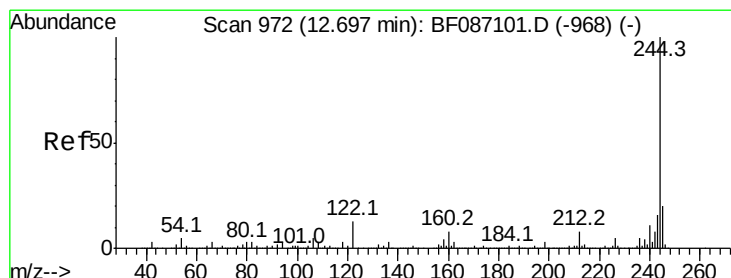
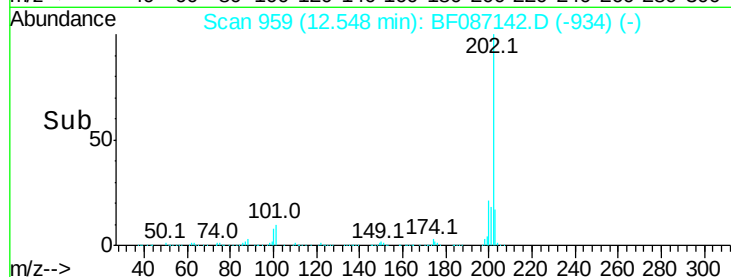
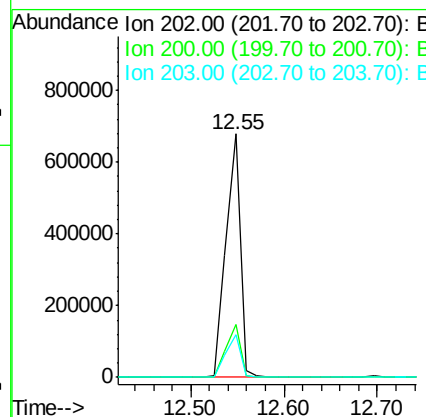
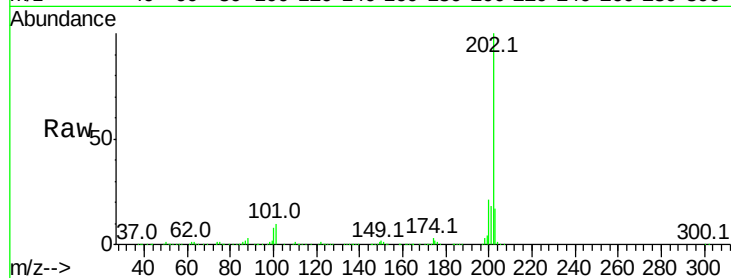
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	723133
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	17.4	14.2	21.4

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#78

Terphenyl-d14

Concen: 76.77 ng

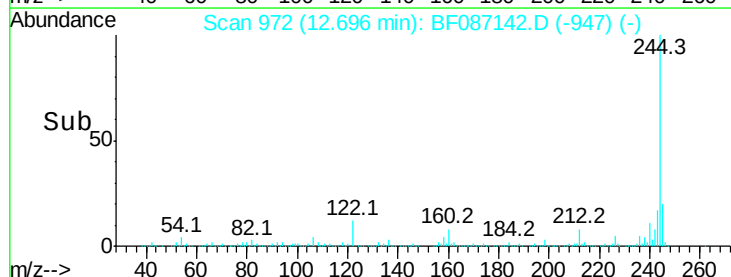
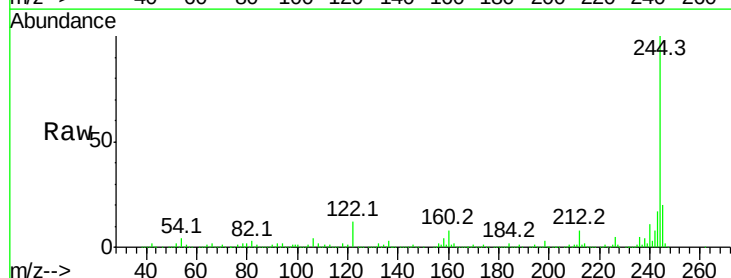
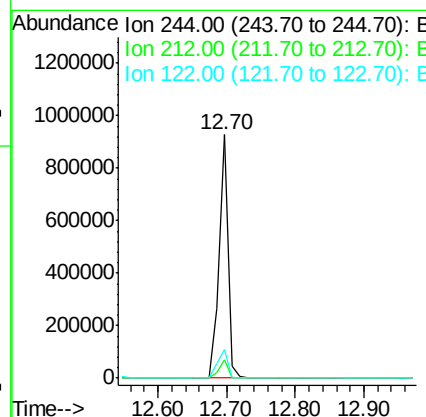
RT: 12.70 min Scan# 972

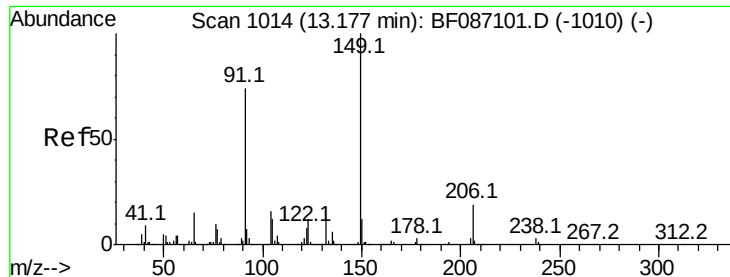
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	244	Resp:	862912
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	11.6	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 44.07 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

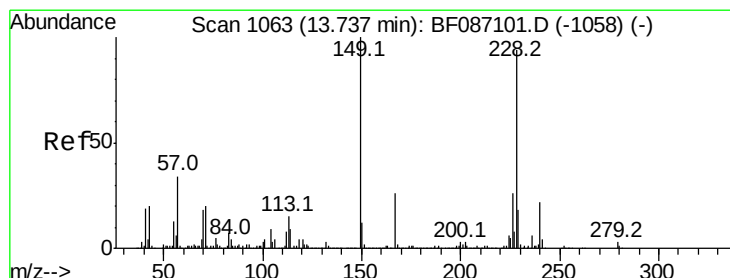
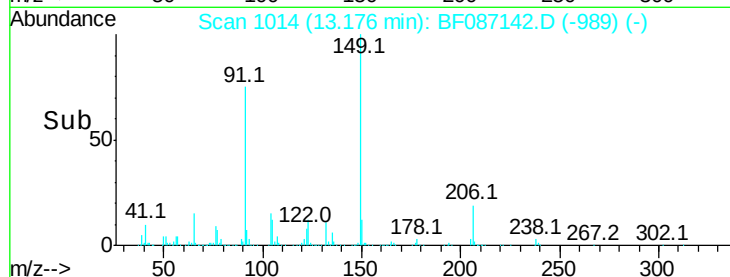
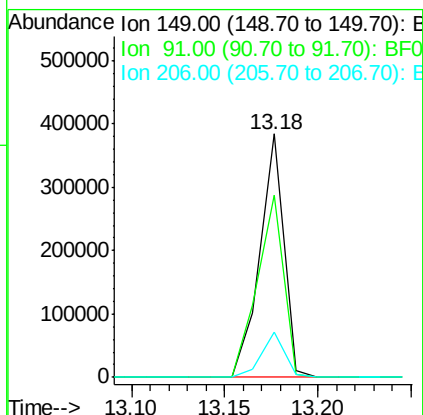
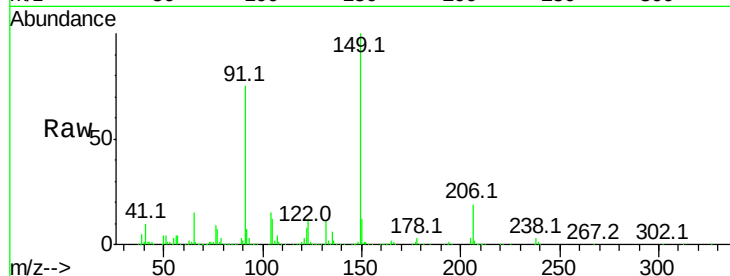
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	341754
Ion Ratio	Lower	Upper	
149	100		
91	74.6	48.0	72.0#
206	18.8	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 39.48 ng

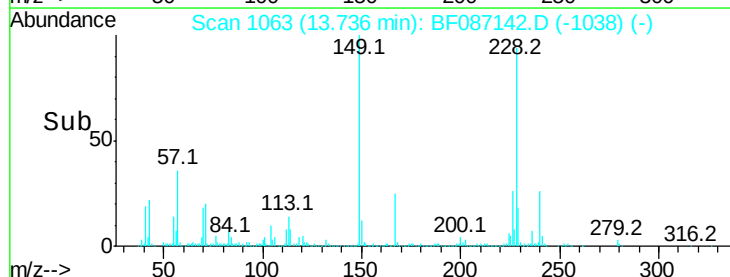
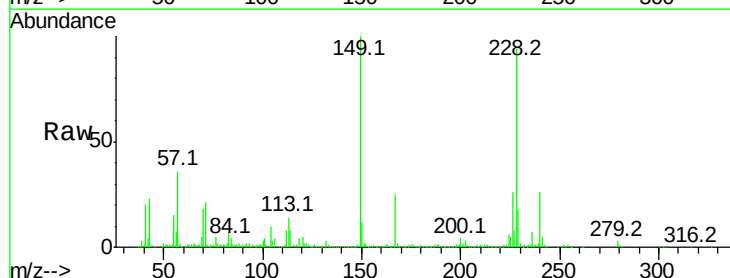
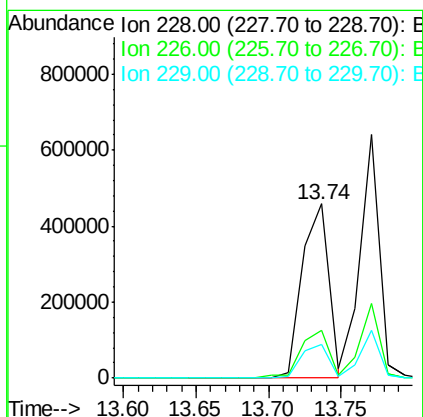
RT: 13.74 min Scan# 1063

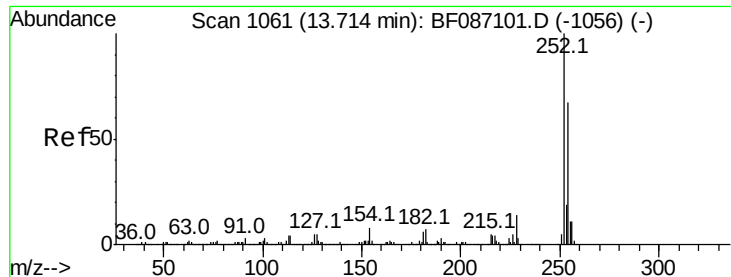
Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion:	228	Resp:	580518
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	19.5	16.6	25.0





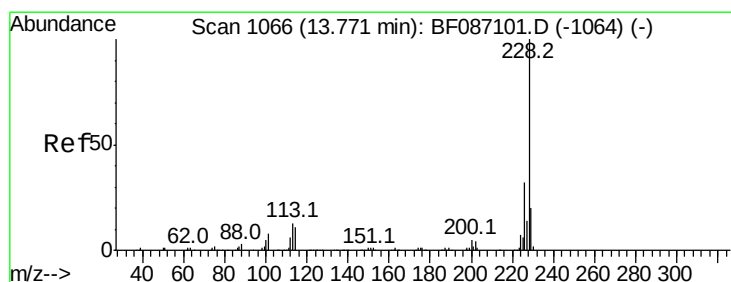
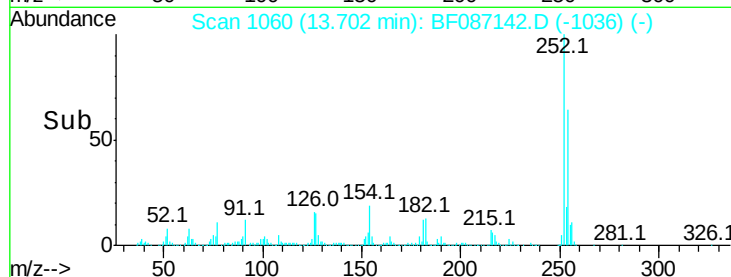
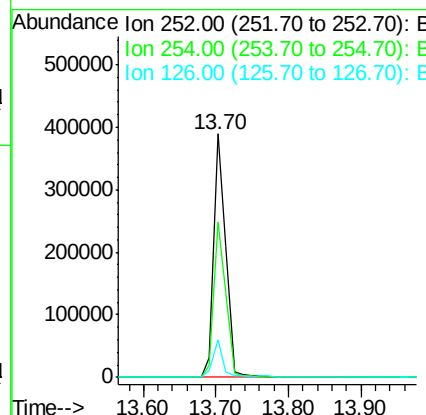
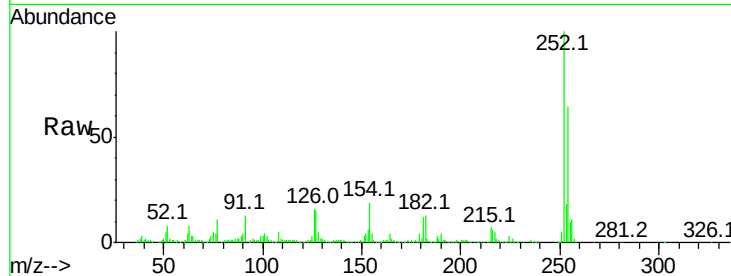
#81
 3,3'-Dichlorobenzidine
 Concen: 48.36 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.7	76.1
126	15.6	12.7	19.1

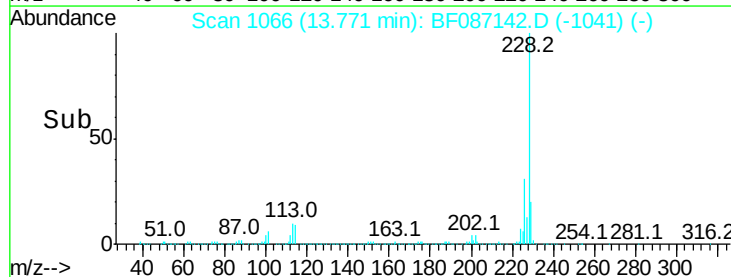
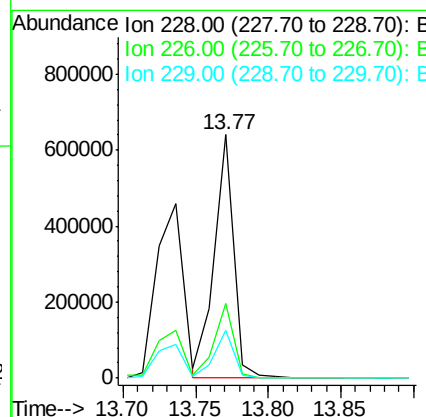
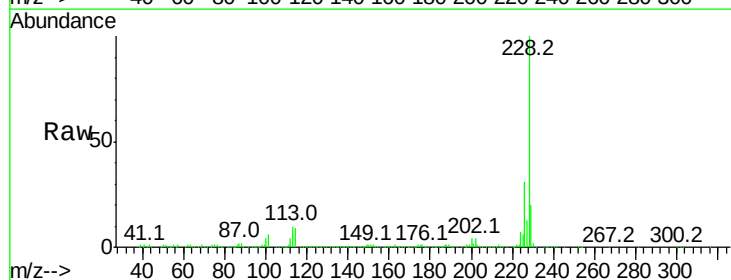
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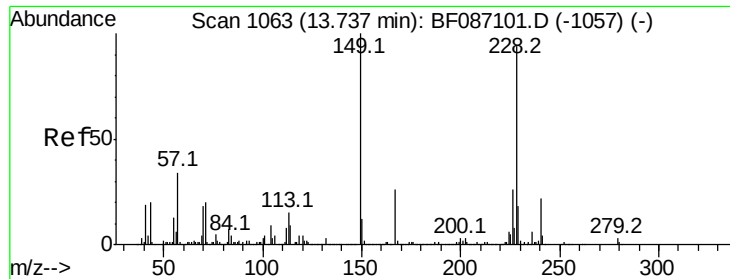
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#82
 Chrysene
 Concen: 41.74 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.6	15.8	23.8





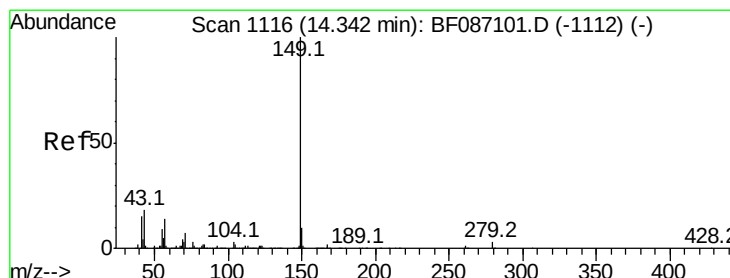
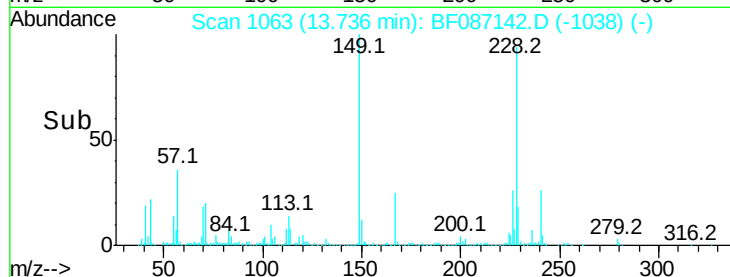
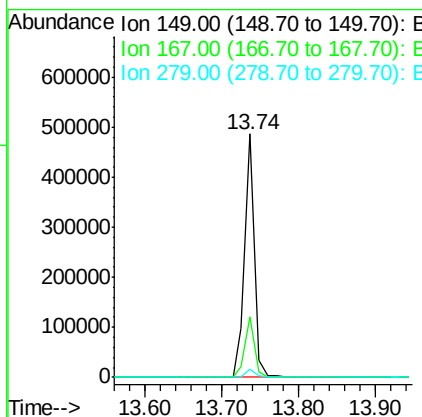
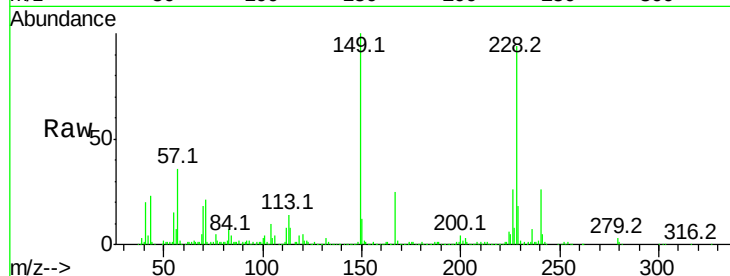
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.51 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.1	21.8	32.6	
279	3.1	2.6	4.0	

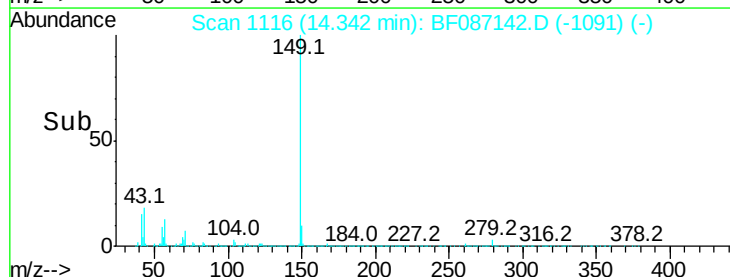
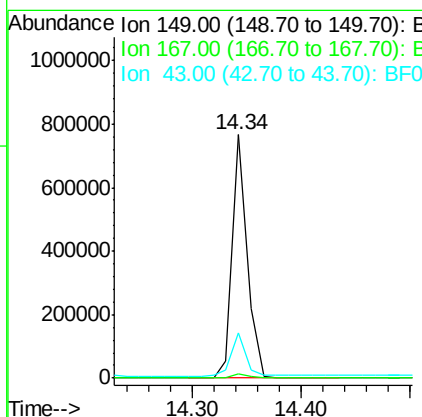
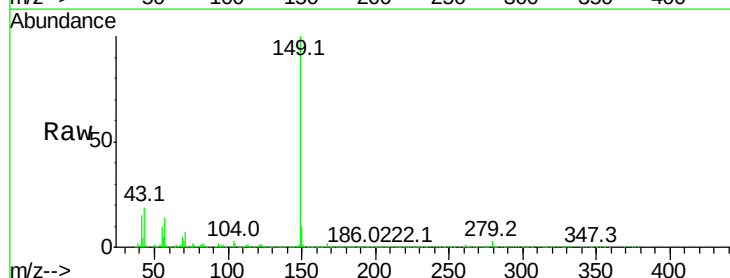
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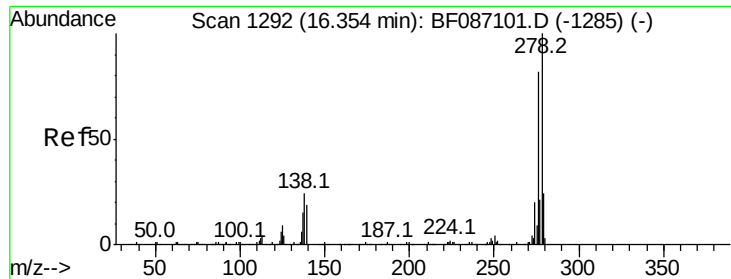
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#84
 Di-n-octyl phthalate
 Concen: 44.29 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	17.4	8.2	12.4	





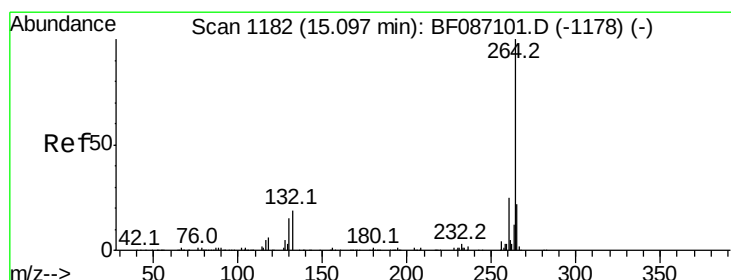
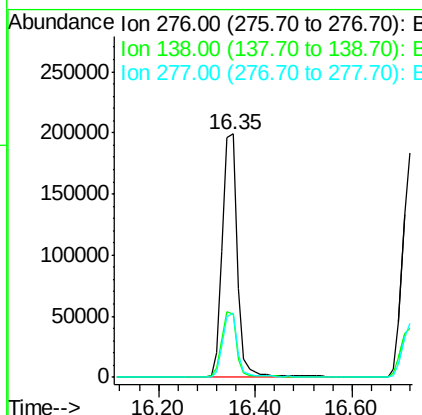
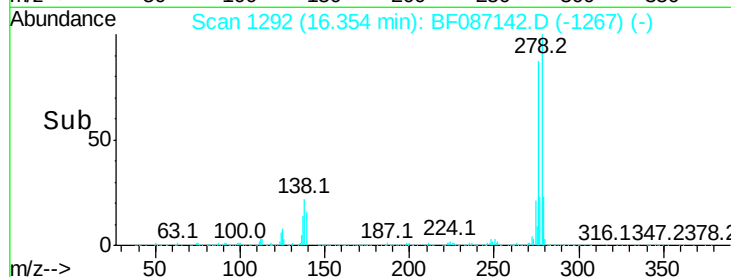
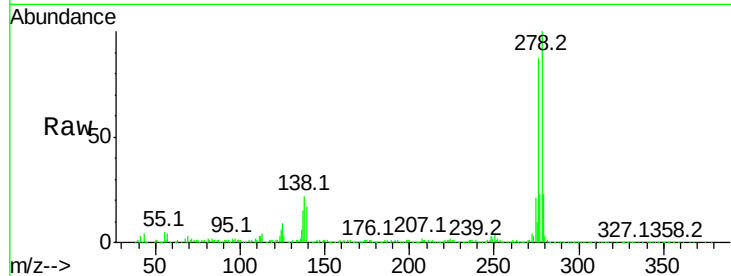
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.49 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	430661
Ion Ratio	Lower	Upper	
276	100		
138	26.4	25.6	38.4
277	25.4	20.5	30.7

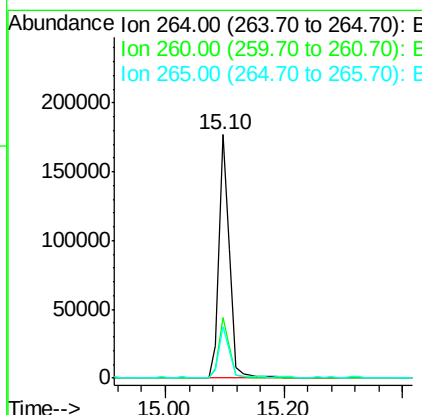
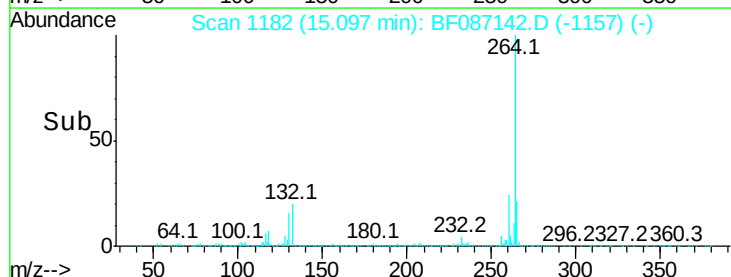
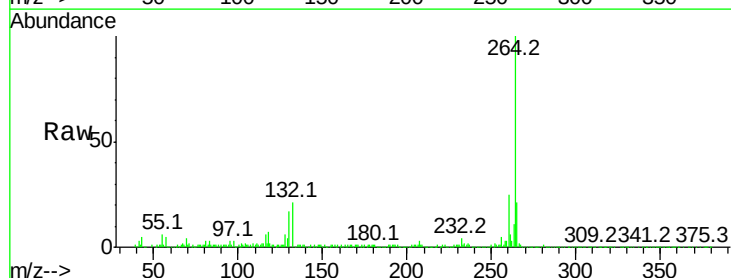
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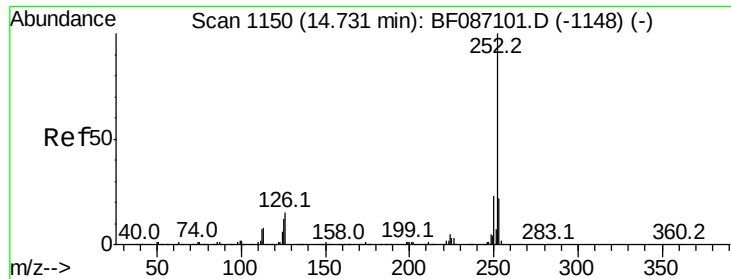
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF087142.D
 Acq: 18 May 2016 10:27

Tgt Ion:	264	Resp:	217186
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.95 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

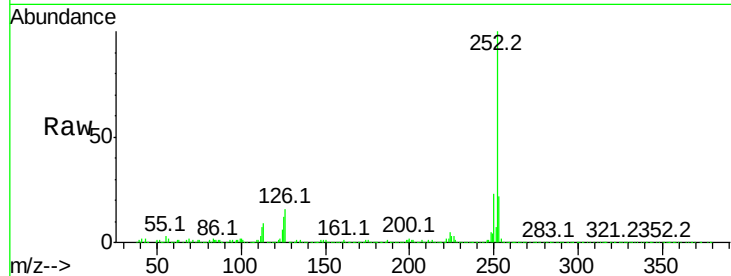
ClientSampleId :

SSTDCCC040EC

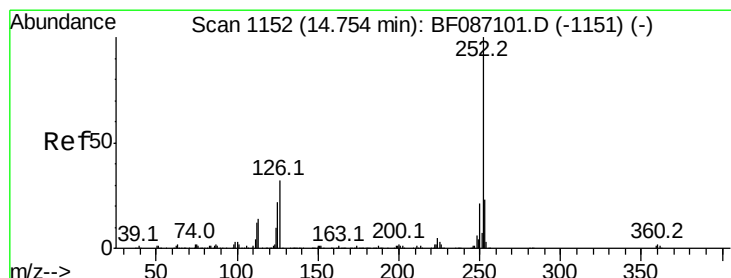
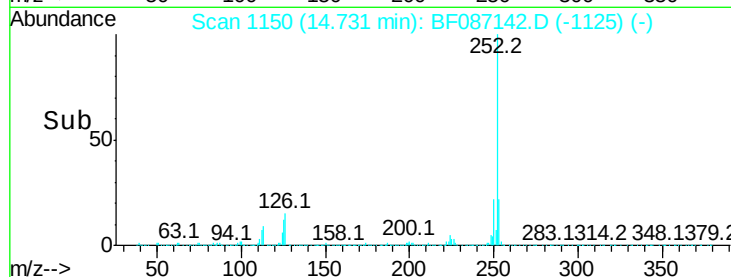
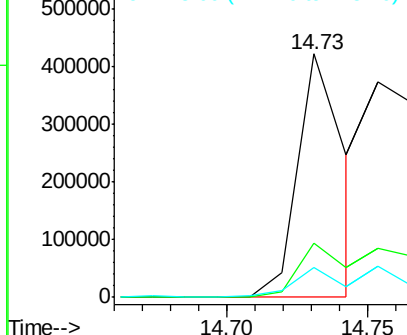
Tot Ion	Ratio	Resp	Lower	Upper
252	100	489194		
253	22.2	17.8	26.6	
125	12.3	11.4	17.0	

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



#88

Benzo(k)fluoranthene

Concen: 47.59 ng m

RT: 14.75 min Scan# 1152

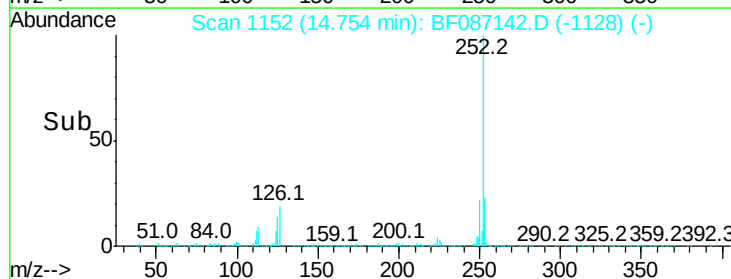
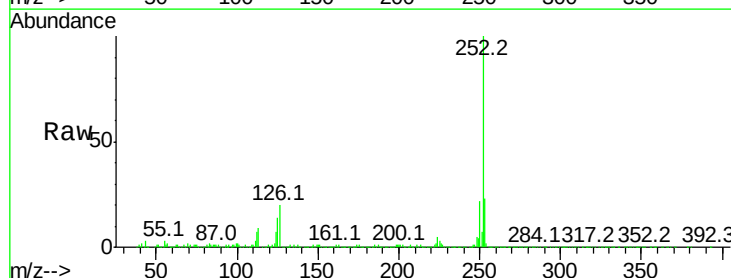
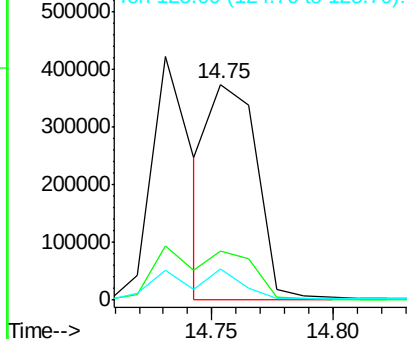
Delta R.T. -0.02 min

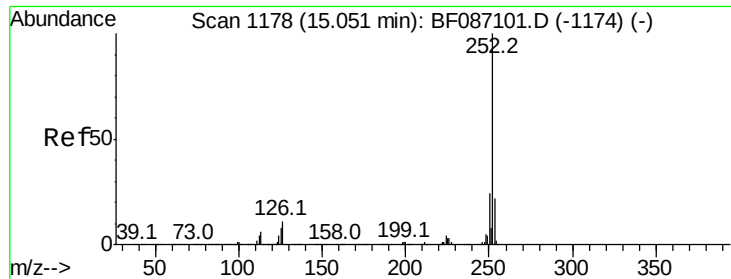
Lab File: BF087142.D

Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	510468		
253	22.7	17.8	26.6	
125	14.3	9.1	13.7	

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





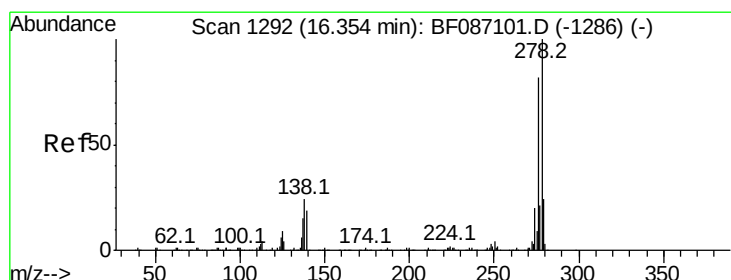
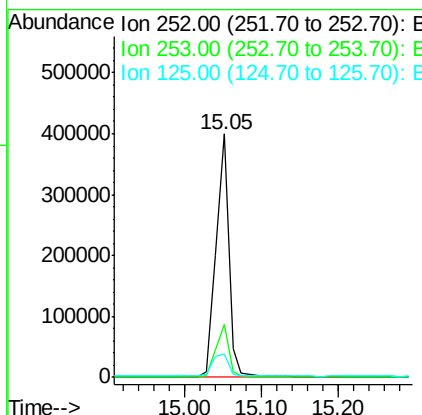
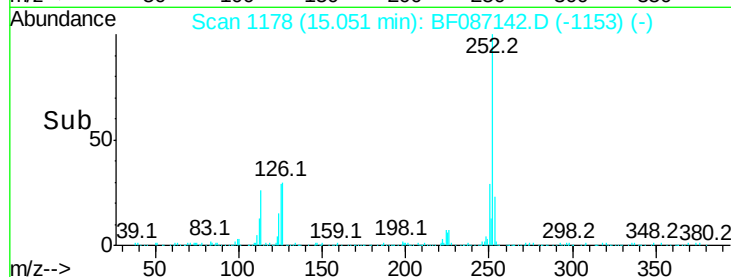
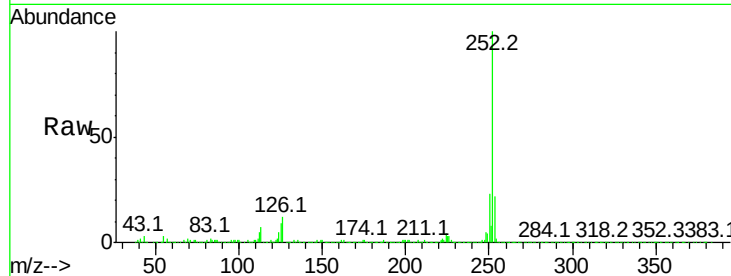
#89
Benzo(a)pyrene
Concen: 38.25 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.4	9.0	13.6

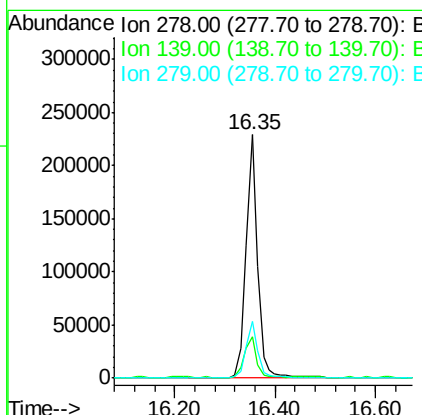
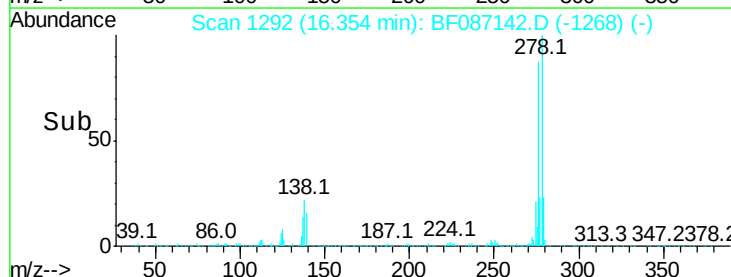
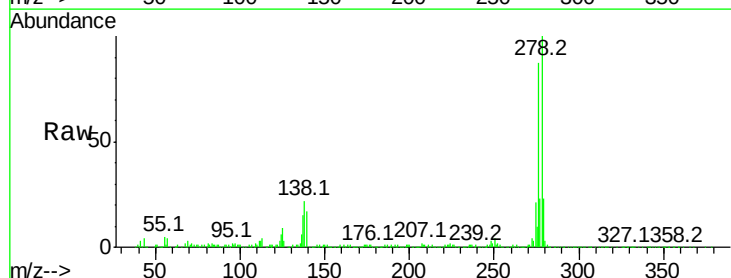
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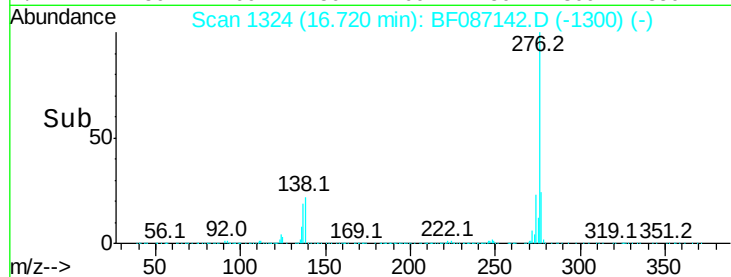
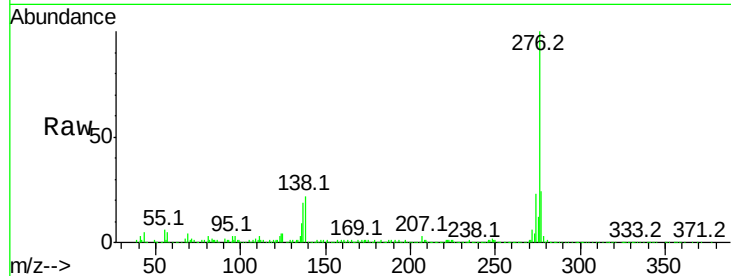
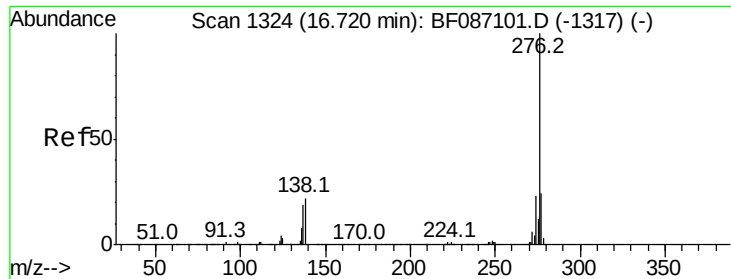
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#90
Dibenzo(a,h)anthracene
Concen: 36.49 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF087142.D
Acq: 18 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.6	24.8
279	23.4	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 33.84 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF087142.D

Acq: 18 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	21.9	23.6	35.4

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