

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087144.D
 Acq On : 18 May 2016 15:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/19/2016 7:05:47 PM

Quant Time: May 18 17:07:42 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	6.58	152	124744	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	512965	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	236661	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	469795	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	343022	20.00	ng	-0.03
86) Perylene-d12	15.07	264	302585	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	581962	78.42	ng	-0.03
7) Phenol-d6	6.25	99	712891	71.62	ng	-0.03
23) Nitrobenzene-d5	7.15	82	777799	75.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	207383	79.30	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1085367	75.95	ng	-0.03
78) Terphenyl-d14	12.67	244	1122380	74.02	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	146139	38.28	ng	# 82
3) Pyridine	2.63	79	335693	36.35	ng	# 67
4) n-Nitrosodimethylamine	2.58	42	257557	39.36	ng	# 51
6) Aniline	6.25	93	460802	36.45	ng	# 89
8) 2-Chlorophenol	6.36	128	341075	37.77	ng	# 79
9) Benzaldehyde	6.12	77	185322	32.96	ng	98
10) Phenol	6.26	94	484893	38.75	ng	79
11) bis(2-Chloroethyl)ether	6.33	93	355592	37.85	ng	95
12) 1,3-Dichlorobenzene	6.51	146	359033m	37.41	ng	
13) 1,4-Dichlorobenzene	6.59	146	366606m	37.33	ng	
14) 1,2-Dichlorobenzene	6.75	146	343013	39.90	ng	98
15) Benzyl Alcohol	6.74	79	282647	38.14	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.87	45	726882	37.63	ng	64
17) 2-Methylphenol	6.87	107	262133	35.35	ng	# 75
18) Hexachloroethane	7.08	117	140172	37.33	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	288349	38.11	ng	# 76
20) 3+4-Methylphenols	7.03	107	373587	38.19	ng	# 61
22) Acetophenone	7.00	105	498054	39.68	ng	# 98
24) Nitrobenzene	7.18	77	423856	37.72	ng	97
25) Isophorone	7.42	82	675748	35.87	ng	98
26) 2-Nitrophenol	7.50	139	192005	41.24	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	313052	39.40	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	372502	36.01	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	274485	39.21	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	307612	39.60	ng	99
31) Naphthalene	7.90	128	957720	38.21	ng	100
32) Benzoic acid	7.71	122	203831	43.04	ng	# 81
33) 4-Chloroaniline	7.95	127	371667	35.68	ng	# 88
34) Hexachlorobutadiene	8.01	225	175492	39.81	ng	99
35) Caprolactam	8.34	113	88905	38.14	ng	# 55
36) 4-Chloro-3-methylphenol	8.46	107	310402	36.76	ng	88
37) 2-Methylnaphthalene	8.58	142	617170	38.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	291720	42.20	ng	99
40) Hexachlorocyclopentadiene	8.73	237	78429	34.35	ng	96

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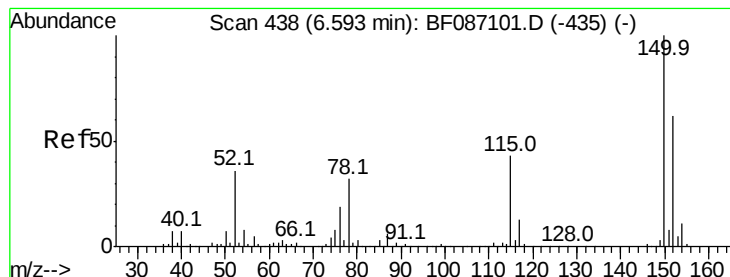
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	180564	40.28	nq	93
43) 2,4,5-Trichlorophenol	8.92	196	176634	37.93	nq	93
45) 1,1'-Biphenyl	9.05	154	854702	43.56	nq	99
46) 2-Chloronaphthalene	9.07	162	612714	40.67	nq	99
47) 2-Nitroaniline	9.18	65	210278	36.42	nq	# 70
48) Acenaphthylene	9.48	152	897338	39.01	nq	99
49) Dimethylphthalate	9.36	163	722160	40.00	nq	100
50) 2,6-Dinitrotoluene	9.43	165	165638	42.25	nq	# 78
51) Acenaphthene	9.64	154	562517	39.14	nq	99
52) 3-Nitroaniline	9.60	138	172023	40.54	nq	89
53) 2,4-Dinitrophenol	9.71	184	67067	32.83	nq	92
54) Dibenzofuran	9.83	168	738953	39.76	nq	96
55) 4-Nitrophenol	9.79	139	71353m	36.59	nq	
56) 2,4-Dinitrotoluene	9.83	165	195059	38.85	nq	# 88
57) Fluorene	10.16	166	579545	38.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	145404	40.09	nq	98
59) Diethylphthalate	10.06	149	725624	42.10	nq	96
60) 4-Chlorophenyl-phenylether	10.16	204	288108	40.71	nq	96
61) 4-Nitroaniline	10.20	138	155769	37.18	nq	# 70
62) Azobenzene	10.32	77	819169	41.25	nq	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	118203	38.20	nq	87
65) n-Nitrosodiphenylamine	10.28	169	586597	39.68	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	180024	37.26	nq	# 75
67) Hexachlorobenzene	10.71	284	210478	37.58	nq	# 80
68) Atrazine	10.82	200	168214	34.88	nq	94
69) Pentachlorophenol	10.91	266	75096	35.69	nq	97
70) Phenanthrene	11.12	178	999366	39.22	nq	100
71) Anthracene	11.16	178	927017	35.97	nq	100
72) Carbazole	11.34	167	936567	39.78	nq	100
73) Di-n-butylphthalate	11.67	149	1095524	40.51	nq	# 99
74) Fluoranthene	12.30	202	961990	37.68	nq	97
76) Benzidine	12.43	184	317651	30.46	nq	97
77) Pyrene	12.53	202	1042634	42.07	nq	100
79) Butylbenzylphthalate	13.15	149	485268	46.39	nq	# 82
80) Benzo(a)anthracene	13.71	228	794390	40.05	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	598144	47.39	nq	98
82) Chrysene	13.75	228	840623	43.81	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	594113	46.66	nq	96
84) Di-n-octyl phthalate	14.32	149	981372	44.74	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.31	276	671238	39.85	nq	94
87) Benzo(b)fluoranthene	14.71	252	702420m	34.99	nq	
88) Benzo(k)fluoranthene	14.73	252	649307m	43.45	nq	
89) Benzo(a)pyrene	15.02	252	644114	38.39	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	554998	39.29	nq	96
91) Benzo(g,h,i)perylene	16.67	276	563667	39.50	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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Instrument :

BNA_F

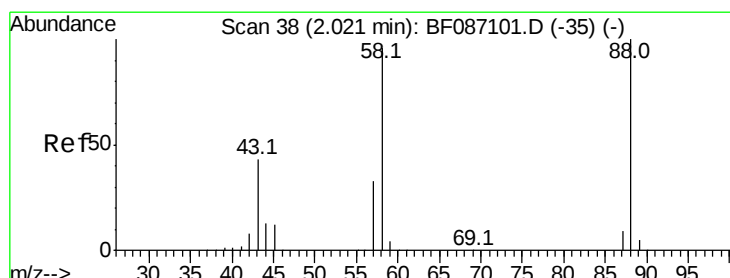
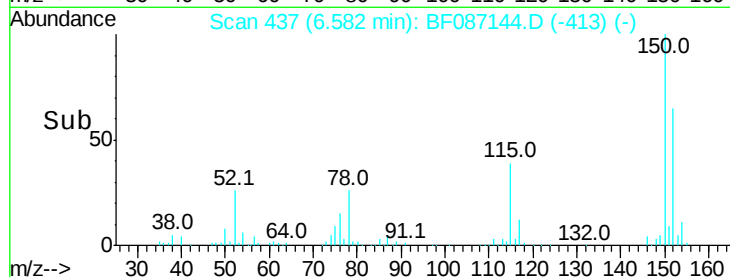
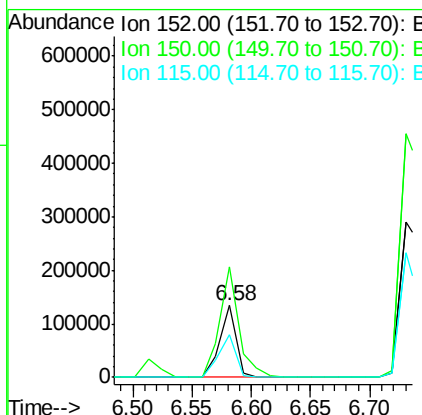
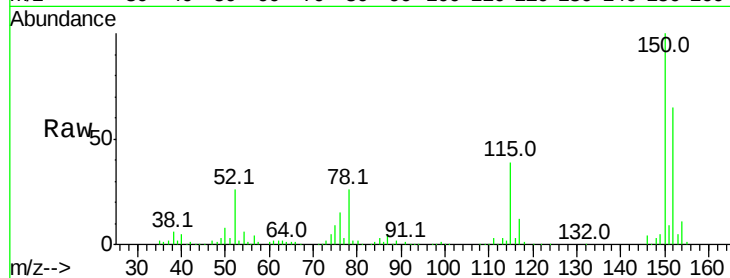
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	124744
Ion Ratio	Lower	Upper	
152	100		
150	154.8	125.8	188.6
115	60.0	51.5	77.3

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#2

1,4-Dioxane

Concen: 38.28 ng

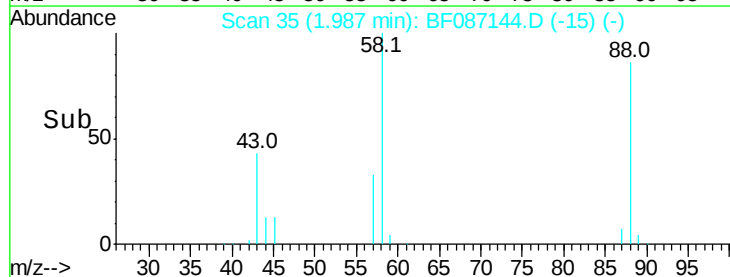
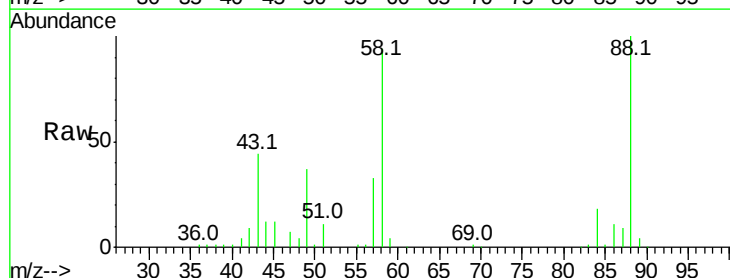
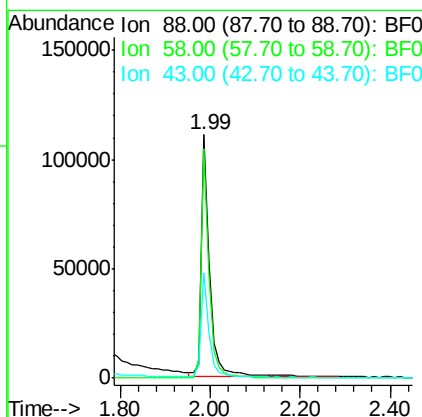
RT: 1.99 min Scan# 35

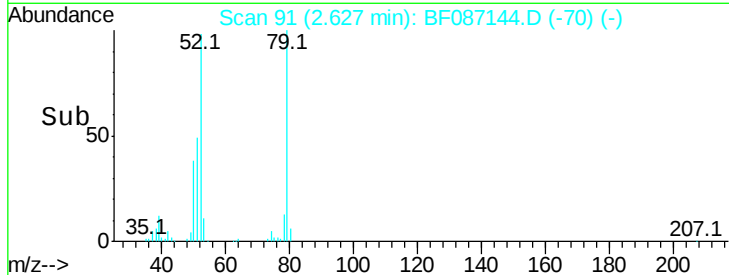
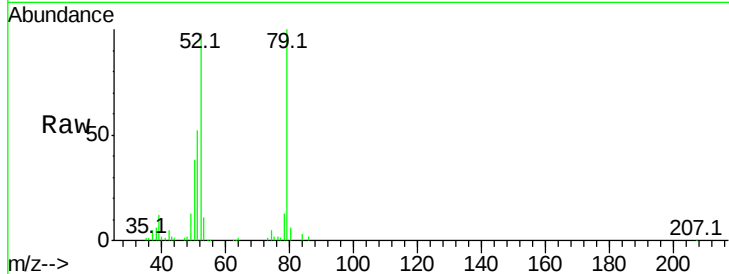
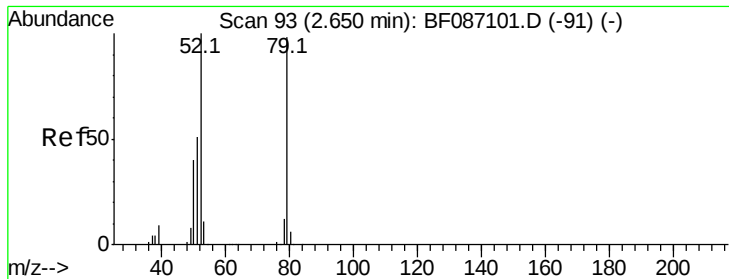
Delta R.T. -0.07 min

Lab File: BF087144.D

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Tgt Ion:	88	Resp:	146139
Ion Ratio	Lower	Upper	
88	100		
58	87.7	59.6	89.4
43	40.5	21.8	32.6#





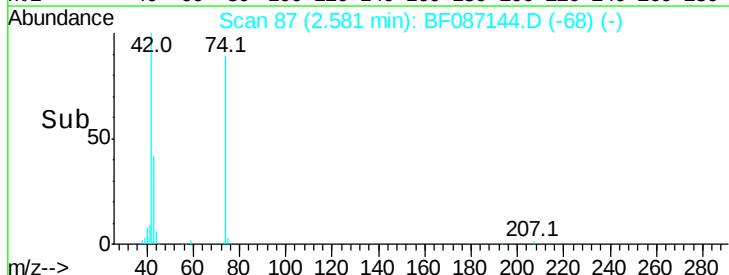
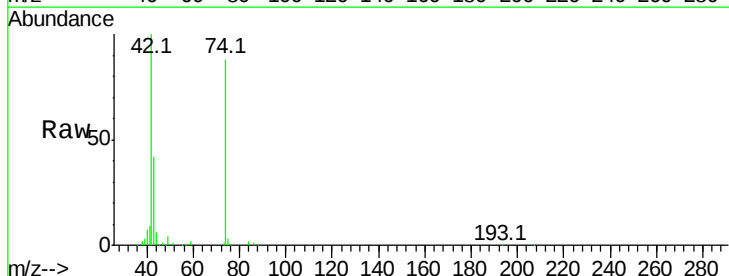
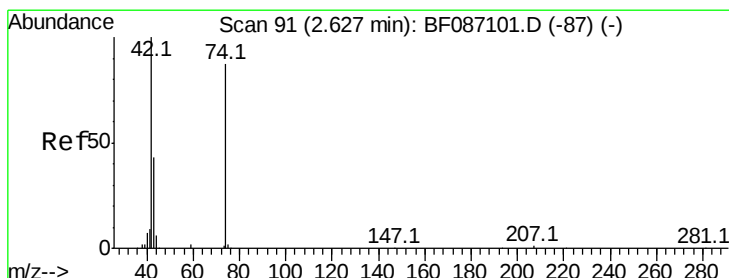
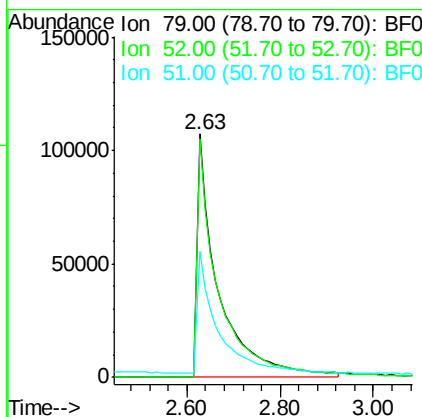
#3
 Pvridine
 Concen: 36.35 ng
 RT: 2.63 min Scan# 91
 Delta R.T. -0.06 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	98.2	55.9	83.9#
51	51.8	28.1	42.1#

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 SSTDCCC040

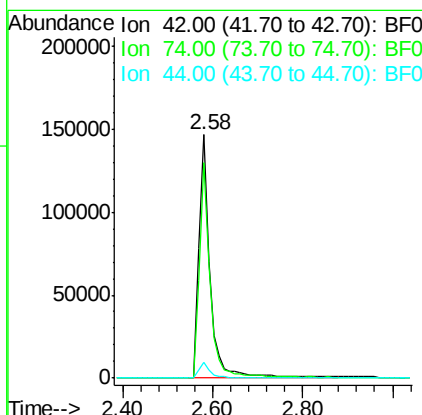
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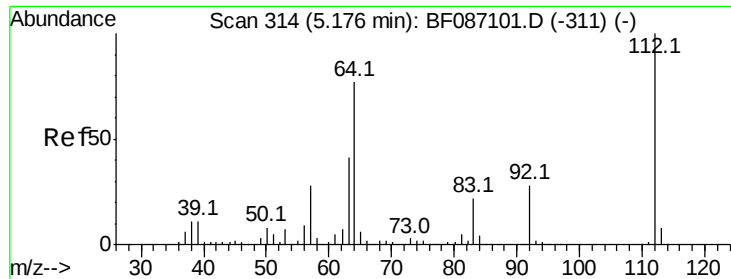
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#4
 n-Nitrosodimethylamine
 Concen: 39.36 ng
 RT: 2.58 min Scan# 87
 Delta R.T. -0.08 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	88.4	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 78.42 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

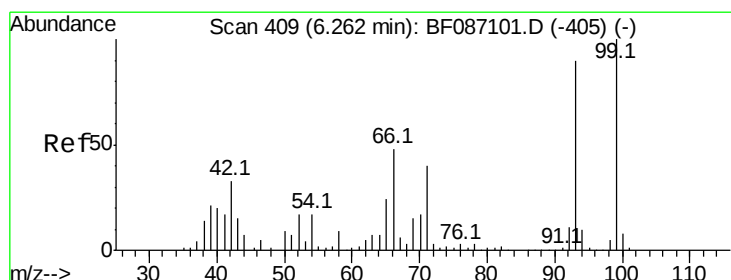
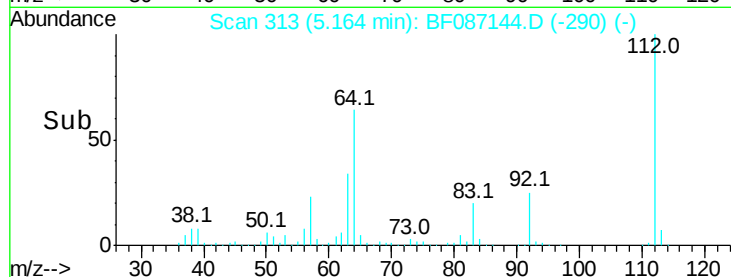
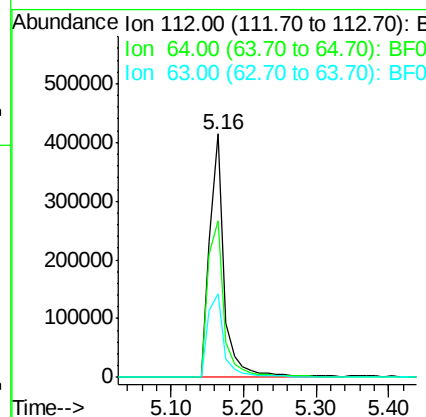
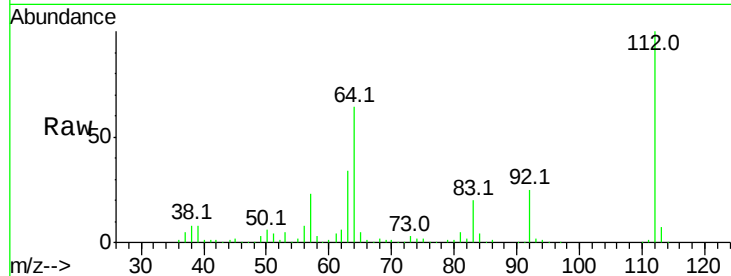
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	581962
Ion Ratio	Lower	Upper	
112	100		
64	64.1	52.1	78.1
63	34.3	25.7	38.5

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#6

Aniline

Concen: 36.45 ng

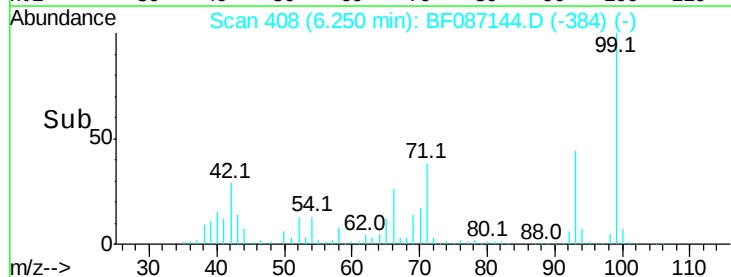
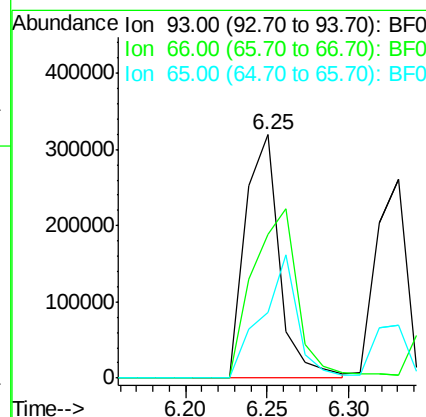
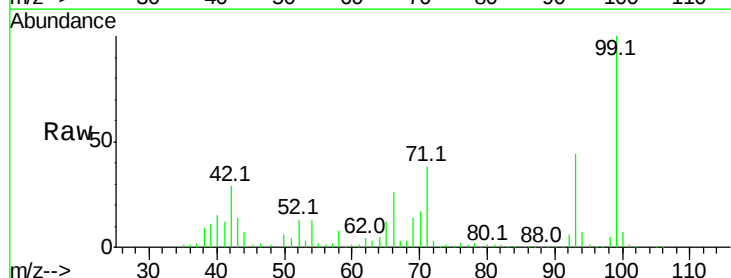
RT: 6.25 min Scan# 408

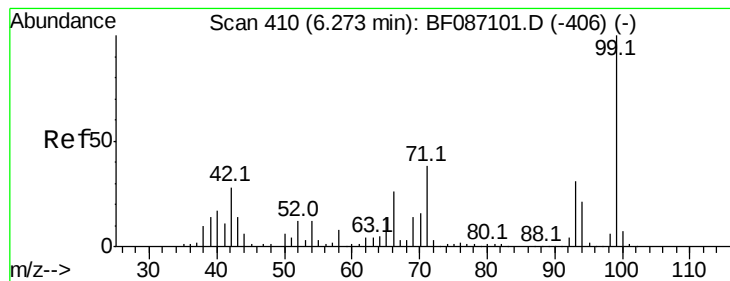
Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	93	Resp:	460802
Ion Ratio	Lower	Upper	
93	100		
66	59.3	39.0	58.6#
65	27.1	20.6	31.0





#7

Phenol-d6

Concen: 71.62 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

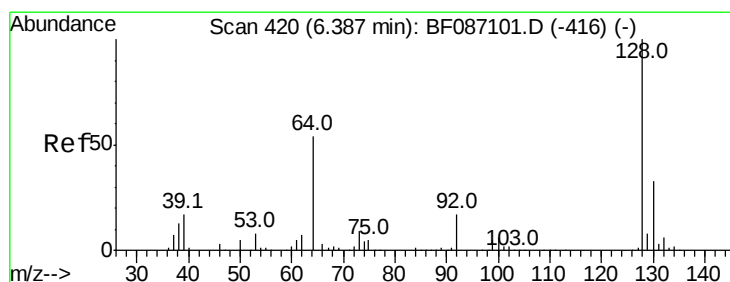
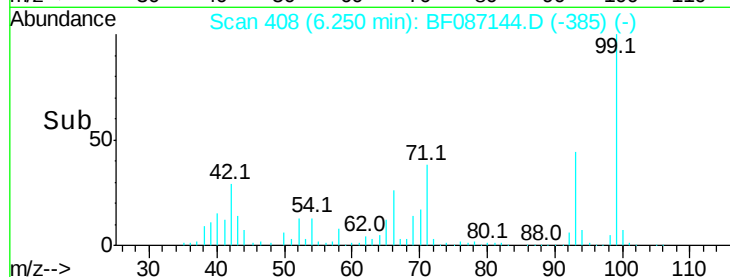
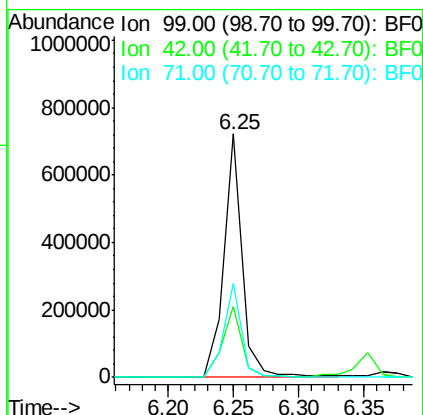
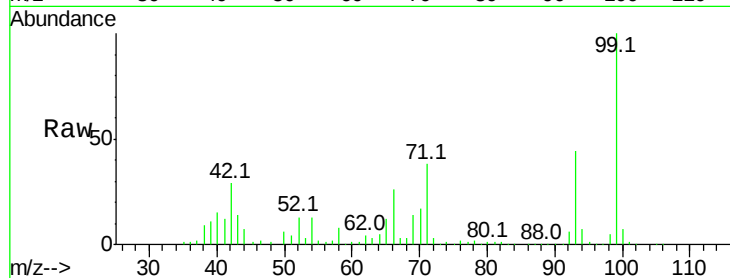
ClientSampleId :

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Tot Ion:	99	Resp:	712891
Ion Ratio	Lower	Upper	
99	100		
42	29.2	13.6	20.4#
71	38.4	24.6	36.8#

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#8

2-Chlorophenol

Concen: 37.77 ng

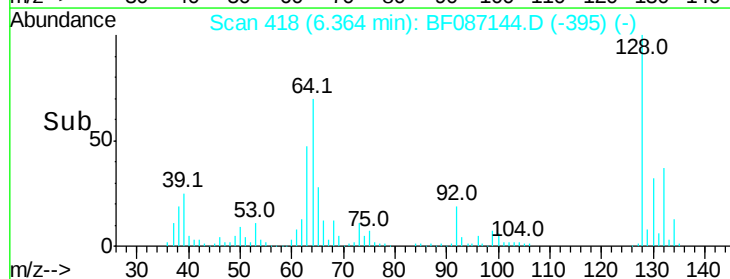
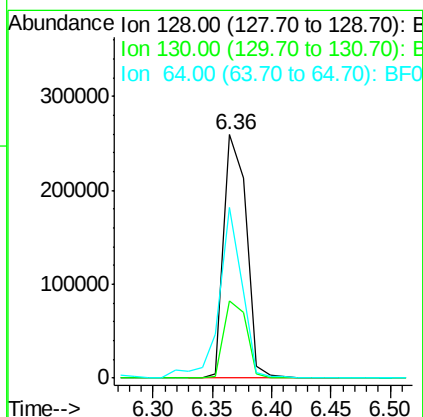
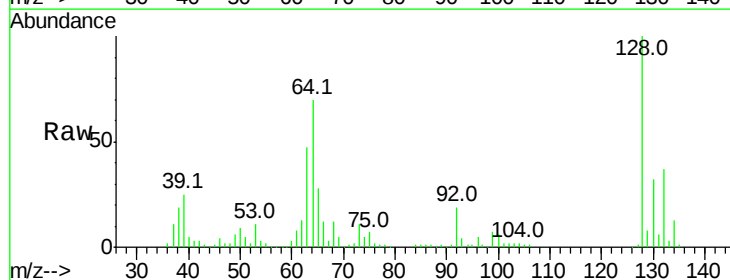
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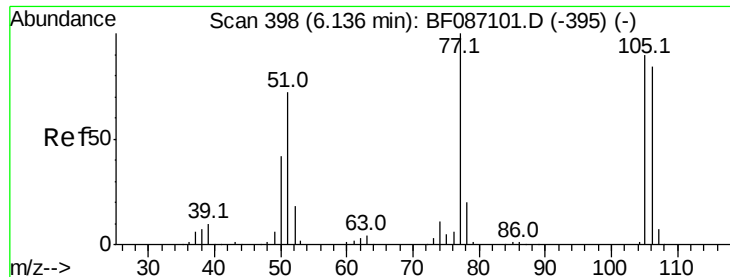
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	128	Resp:	341075
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	70.1	27.3	67.3#





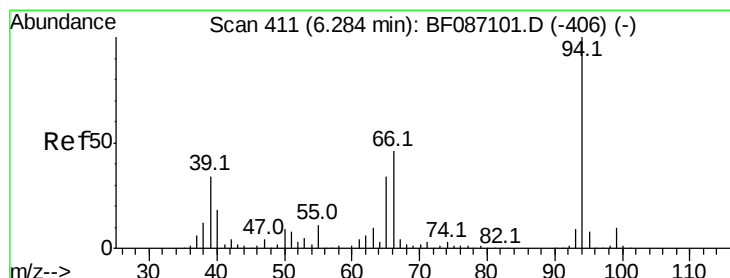
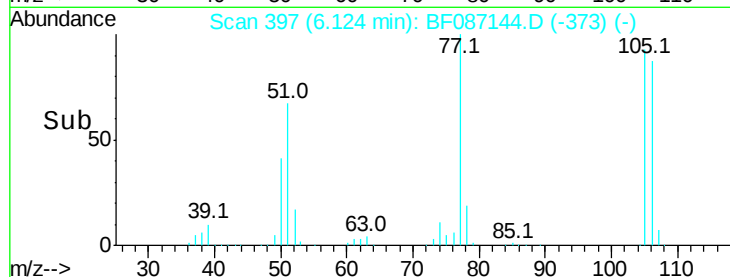
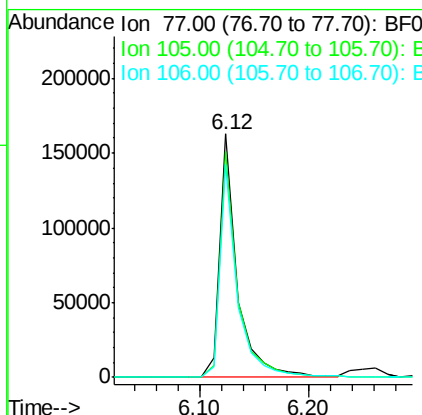
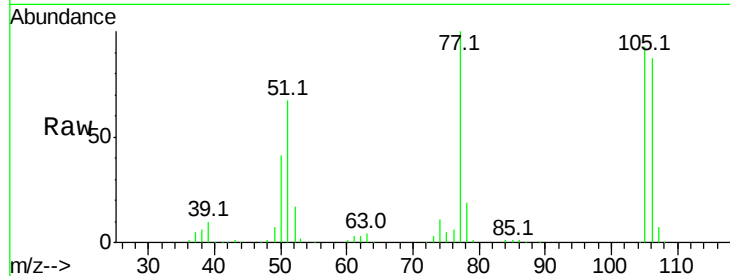
#9
Benzaldehyde
Concen: 32.96 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.5	72.7	112.7
106	87.4	70.8	110.8

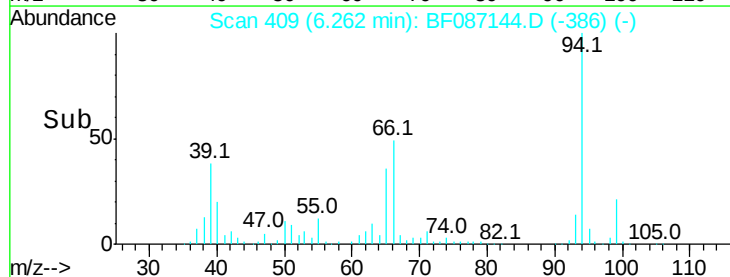
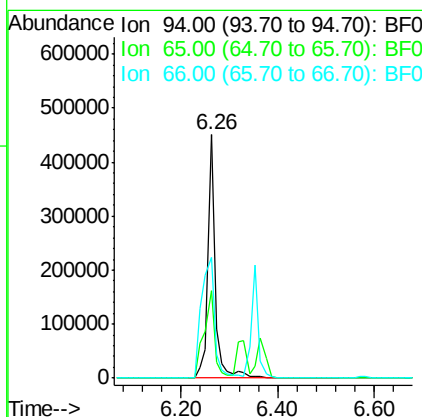
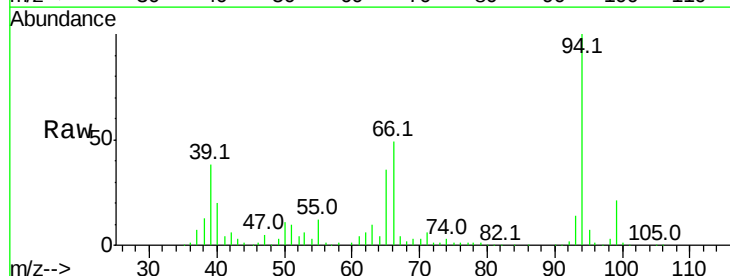
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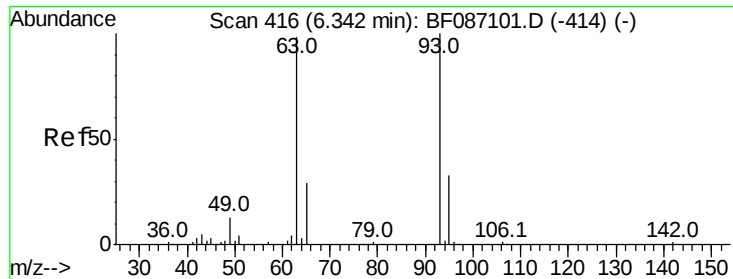
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#10
Phenol
Concen: 38.75 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	7.2	47.2
66	49.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.85 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

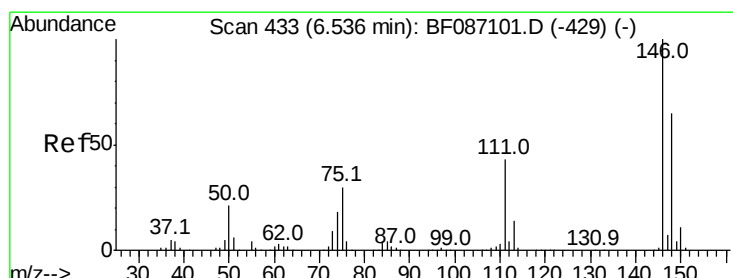
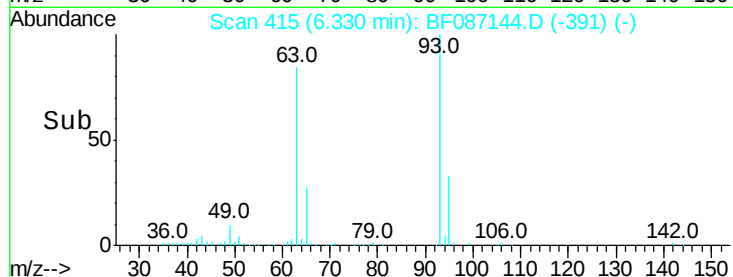
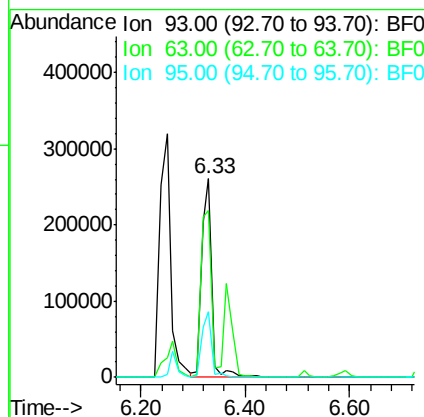
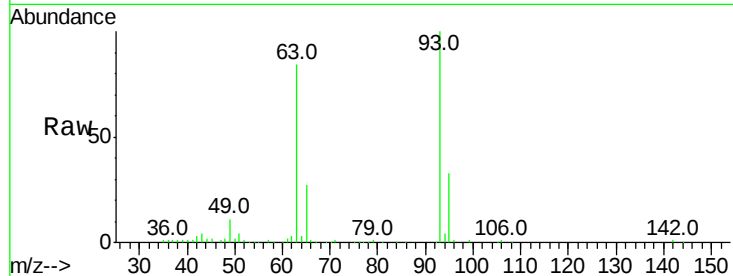
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	355592
Ion Ratio	Lower	Upper	
93	100		
63	84.0	58.0	98.0
95	33.0	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.41 ng m

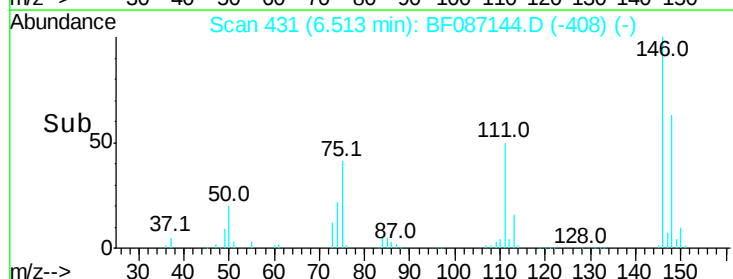
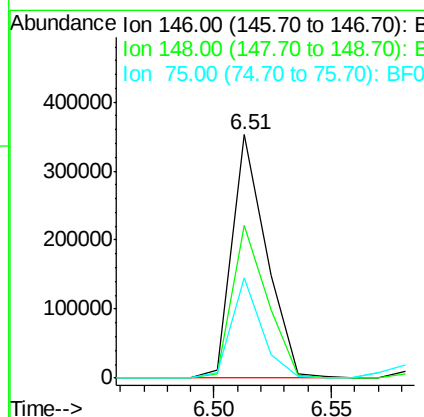
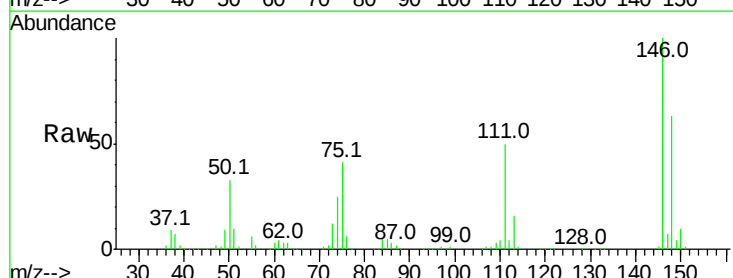
RT: 6.51 min Scan# 431

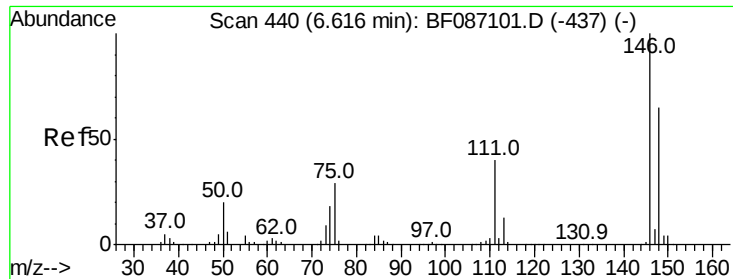
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	146	Resp:	359033
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.4	78.6
75	41.4	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 37.33 ng/mL

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

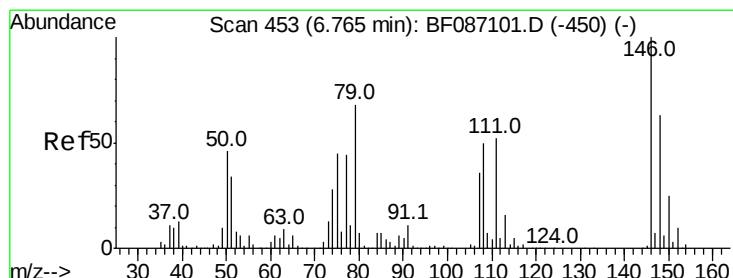
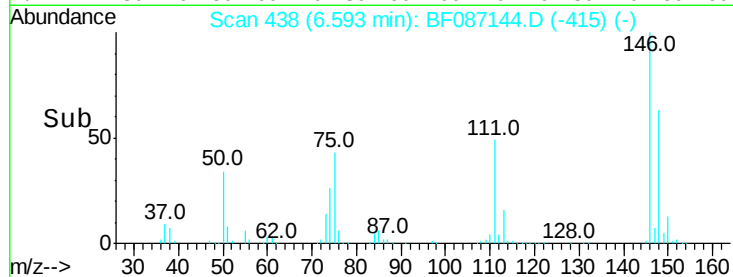
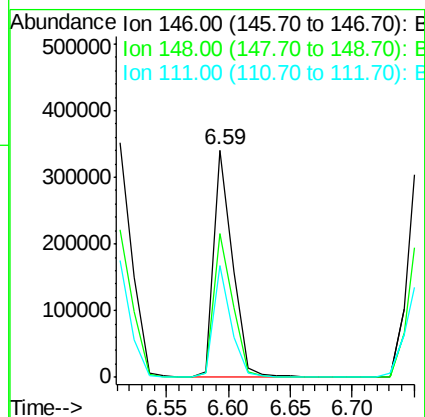
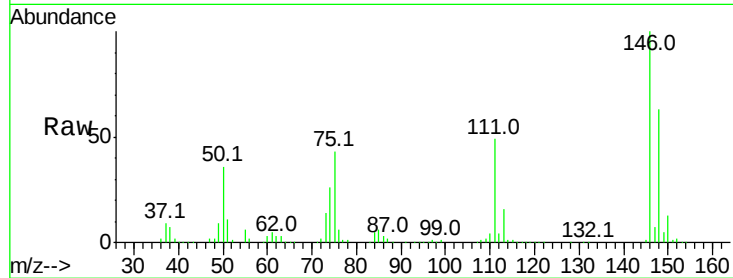
ClientSampleID :

SSTDCCC040

Tot Ion:	146	Resp:	366606
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.4
111	49.3	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 39.90 ng/mL

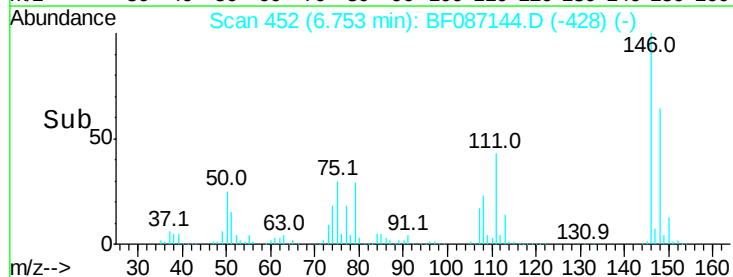
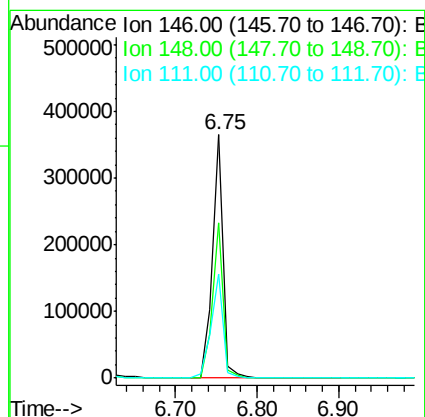
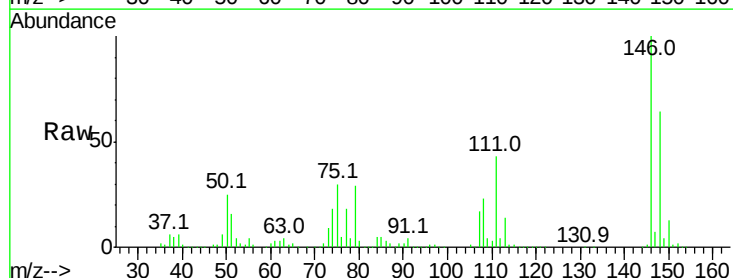
RT: 6.75 min Scan# 452

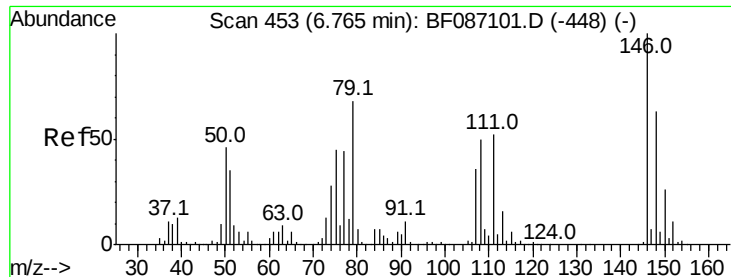
Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	146	Resp:	343013
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.6
111	42.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 38.14 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampled :

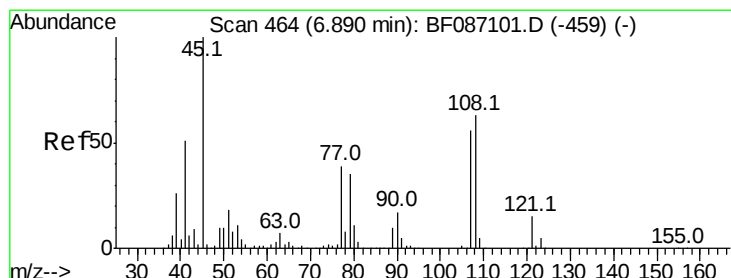
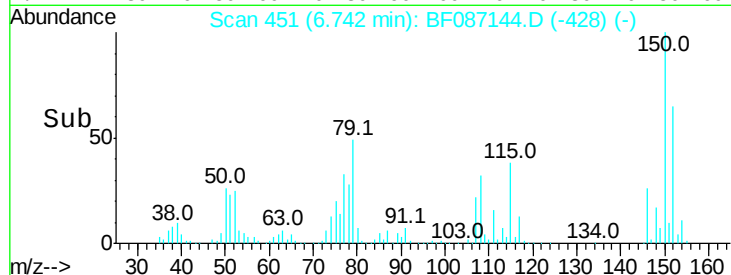
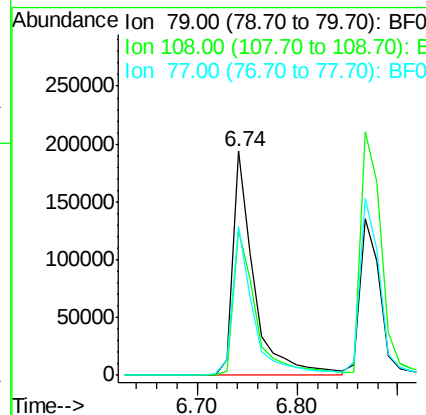
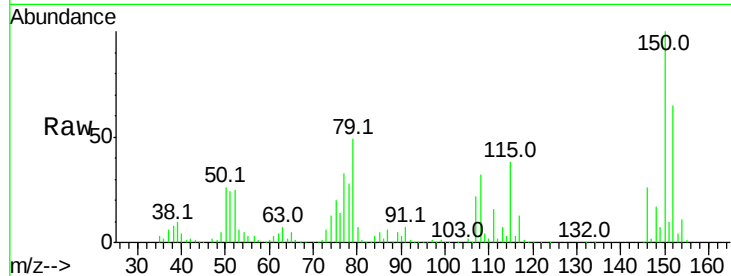
SSTDCCC040

Tot Ion: 79 Resp: 282647
Ion Ratio Lower Upper

79	100		
108	64.6	68.4	102.6#
77	66.5	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.63 ng

RT: 6.87 min Scan# 462

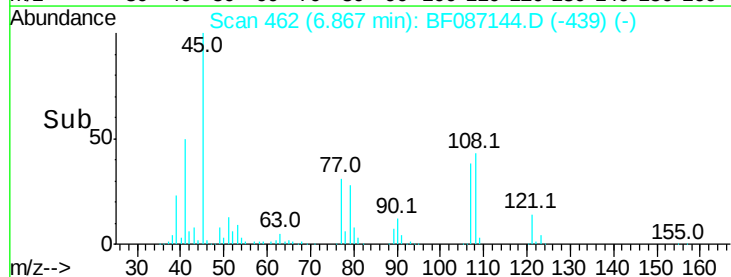
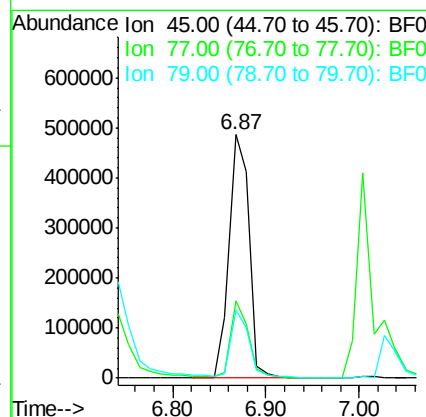
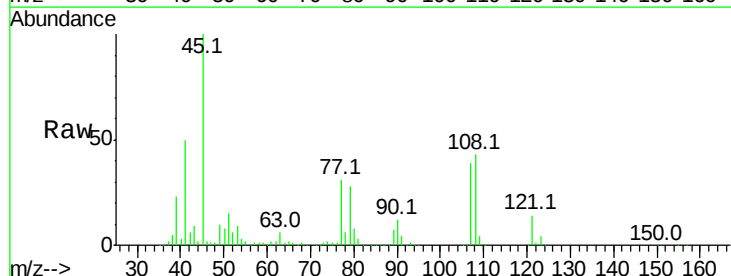
Delta R.T. -0.03 min

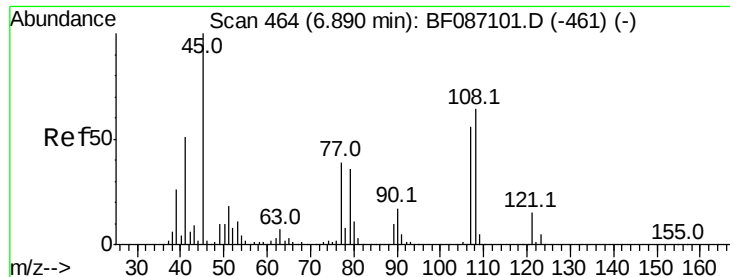
Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion: 45 Resp: 726882
Ion Ratio Lower Upper

45	100		
77	31.5	0.0	36.4
79	27.8	0.0	33.4





#17

2-Methylphenol

Concen: 35.35 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

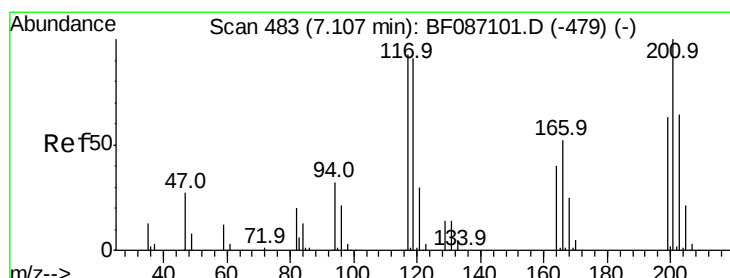
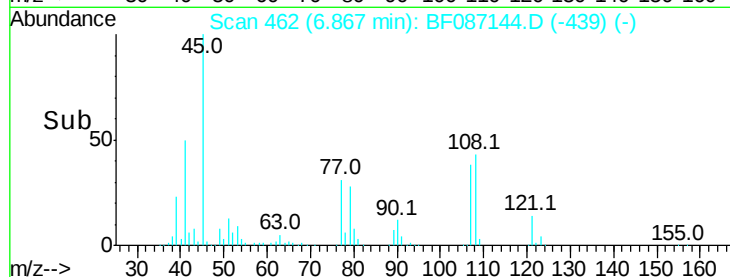
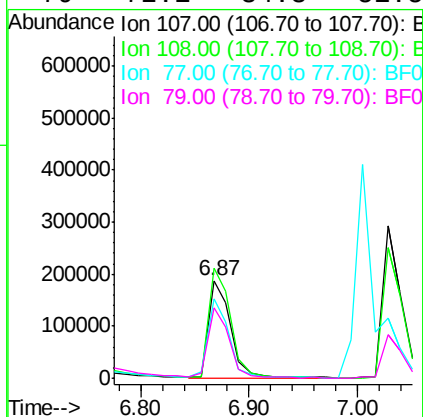
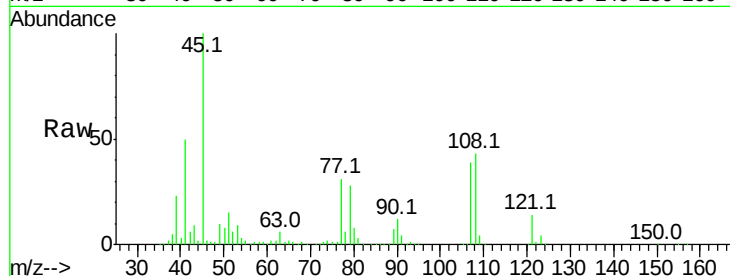
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	262133
Ion Ratio	Lower	Upper	
107	100		
108	112.3	93.7	140.5
77	81.7	33.4	50.0#
79	72.1	34.3	51.5#

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#18

Hexachloroethane

Concen: 37.33 ng

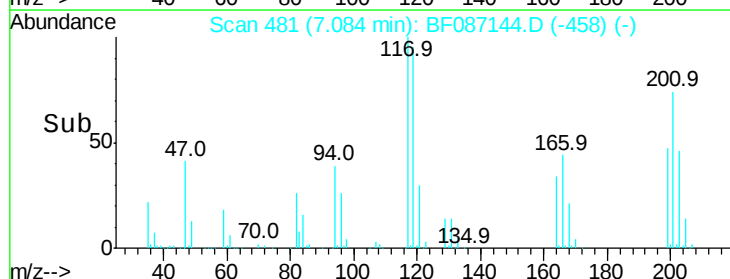
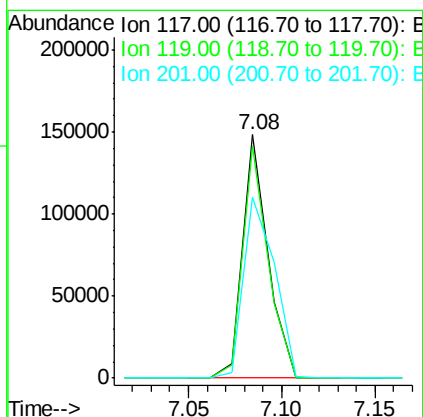
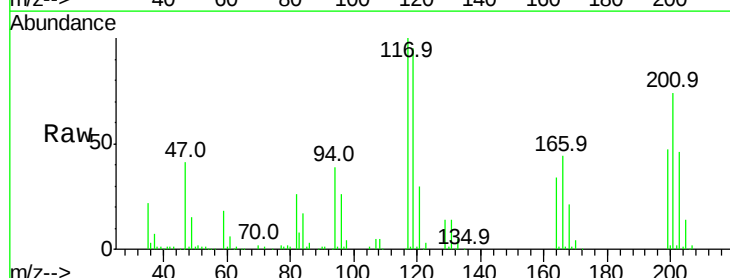
RT: 7.08 min Scan# 481

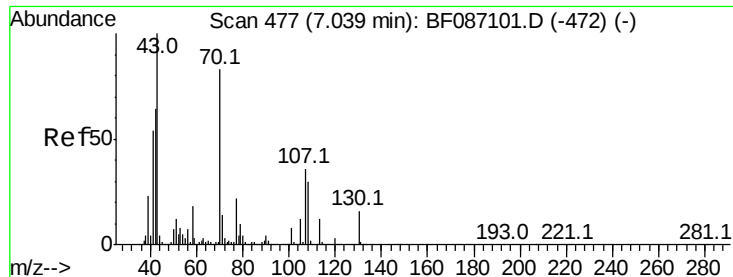
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	117	Resp:	140172
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.5	114.7
201	74.2	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.11 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

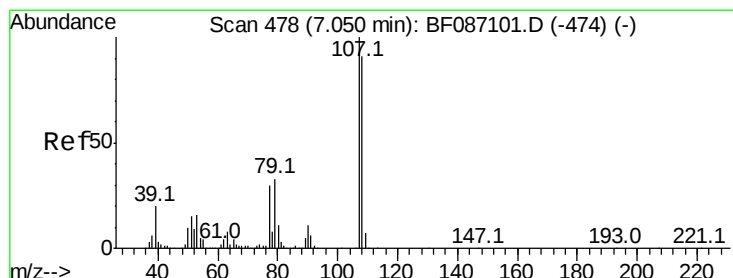
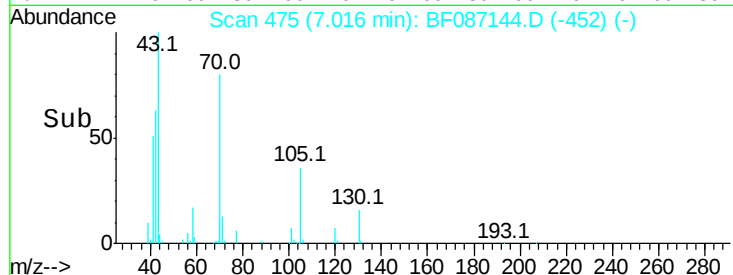
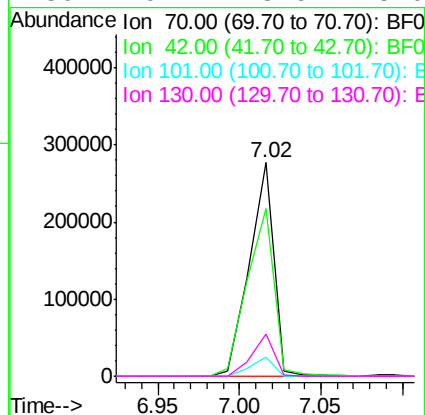
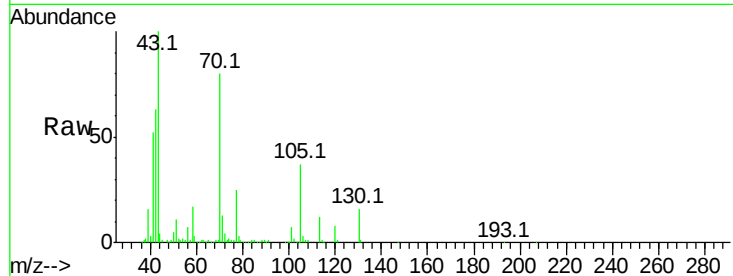
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	78.7	43.1	64.7#		
101	9.2	8.1	12.1		
130	19.7	18.6	28.0		

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#20

3+4-Methylphenols

Concen: 38.19 ng

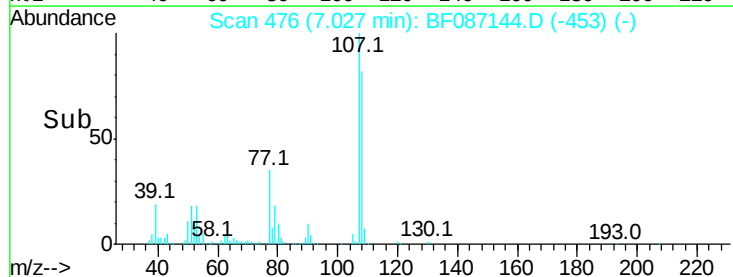
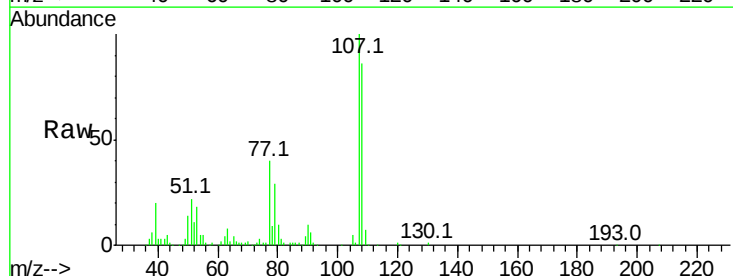
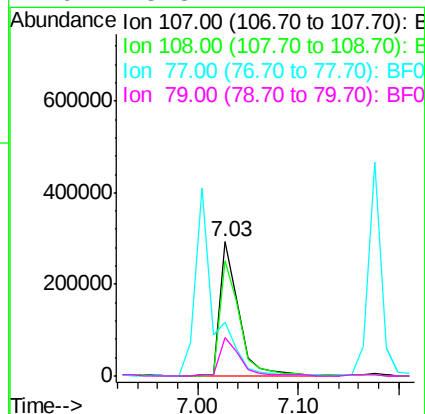
RT: 7.03 min Scan# 476

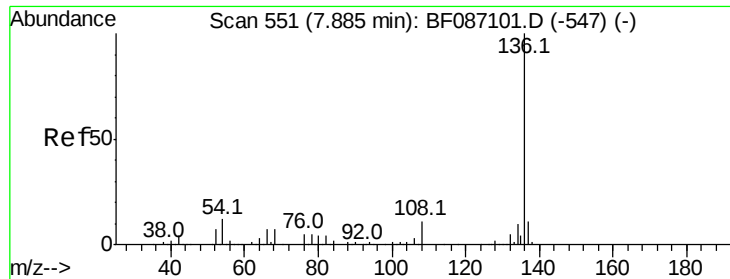
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.8	68.5	108.5		
77	39.7	101.6	141.6#		
79	28.8	7.4	47.4		





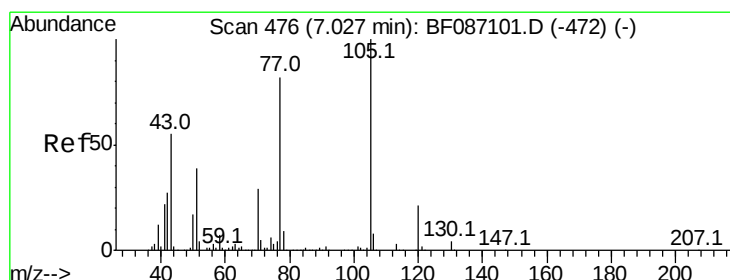
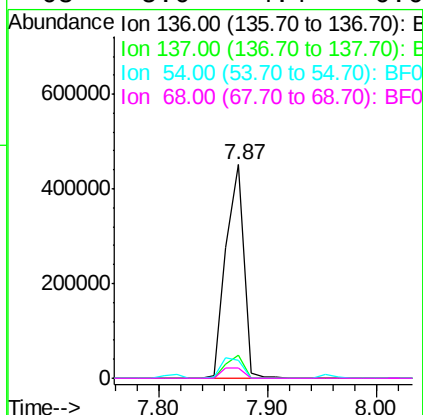
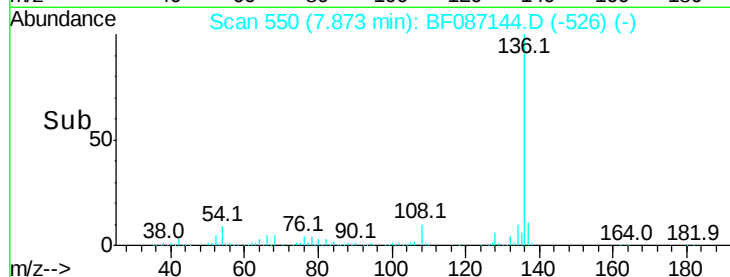
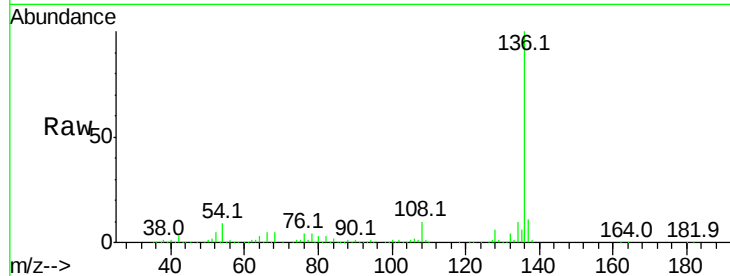
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	512965		
137	10.6		8.8	13.2
54	8.7		5.0	7.4#
68	5.0		4.4	6.6

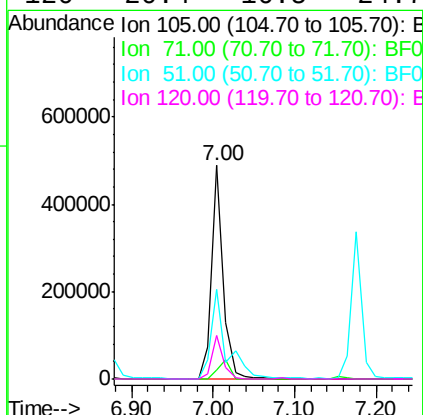
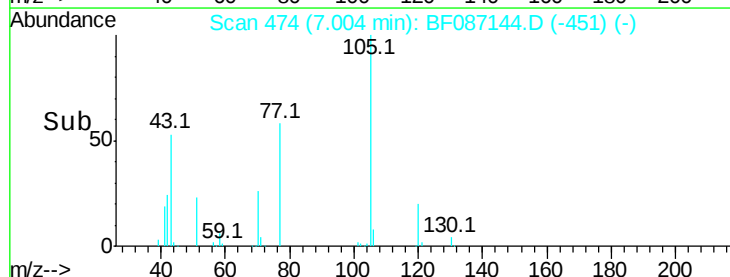
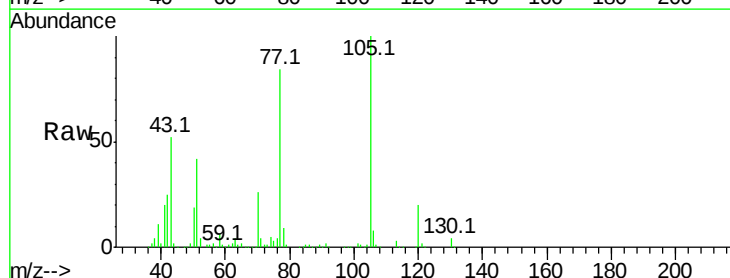
Manual Integrations
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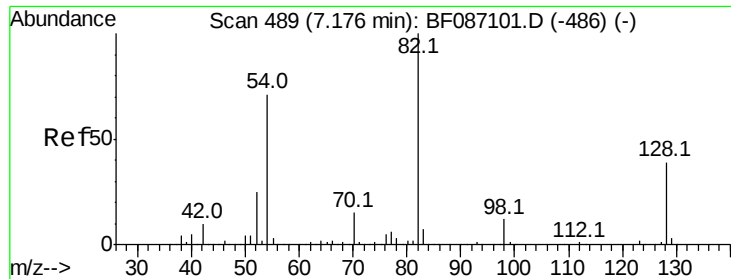
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#22
Acetophenone
Concen: 39.68 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498054		
71	4.3		4.8	7.2#
51	42.1		32.6	49.0
120	20.4		16.5	24.7





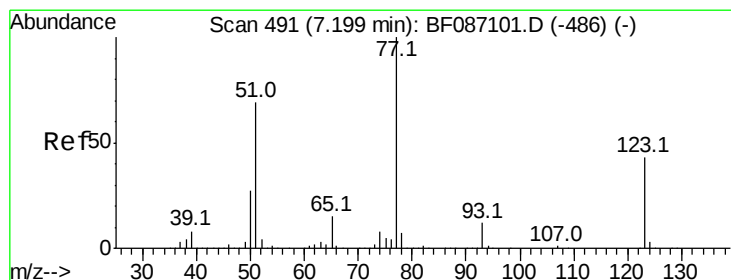
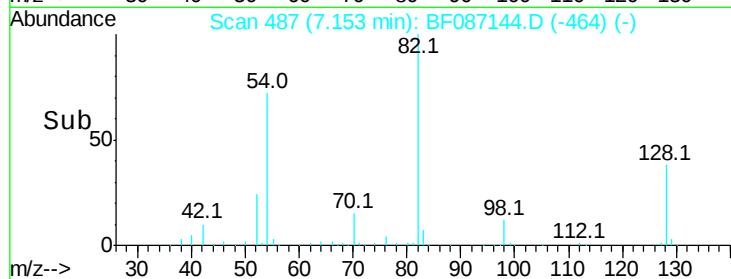
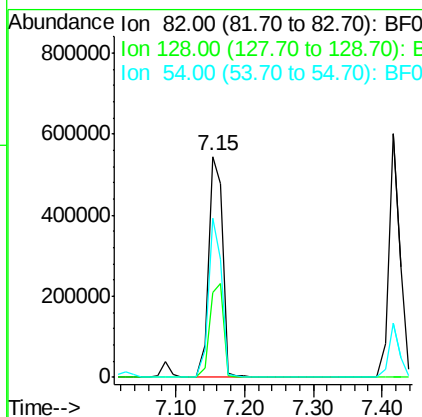
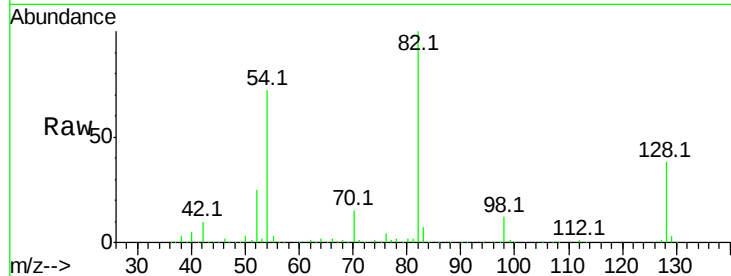
#23
 Nitrobenzene-d5
 Concen: 75.57 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	82	Resp:	777799
Ion Ratio	Lower	Upper	
82	100		
128	38.3	40.6	61.0#
54	71.9	38.1	57.1#

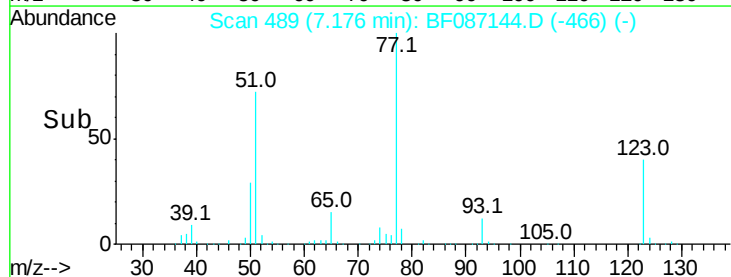
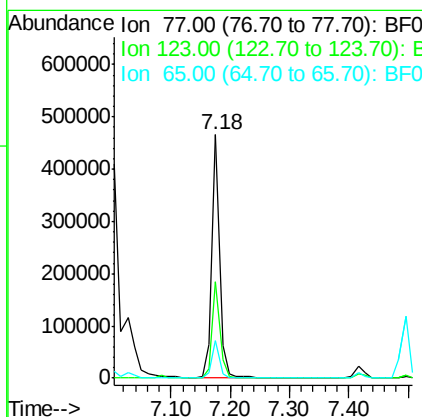
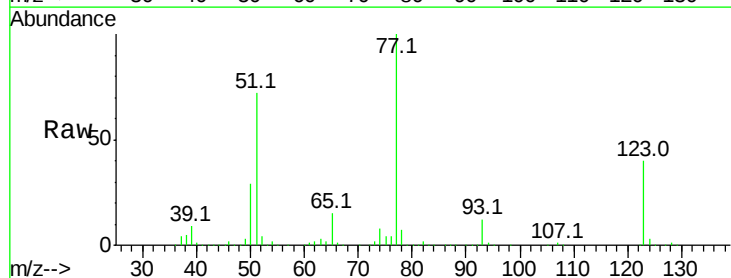
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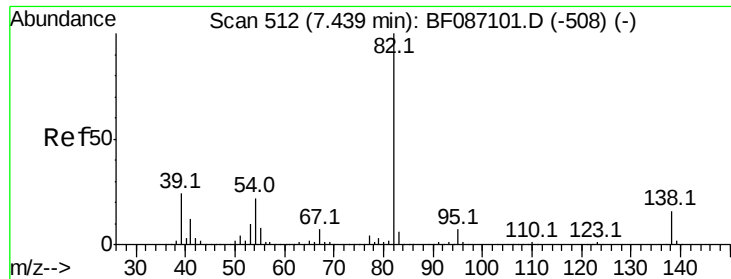
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#24
 Nitrobenzene
 Concen: 37.72 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:	77	Resp:	423856
Ion Ratio	Lower	Upper	
77	100		
123	39.8	33.0	49.4
65	15.3	10.8	16.2





#25

Isophorone

Concen: 35.87 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

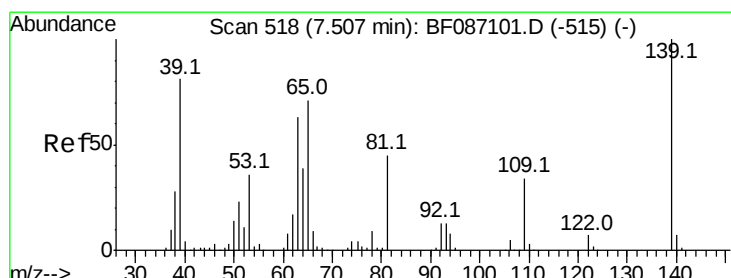
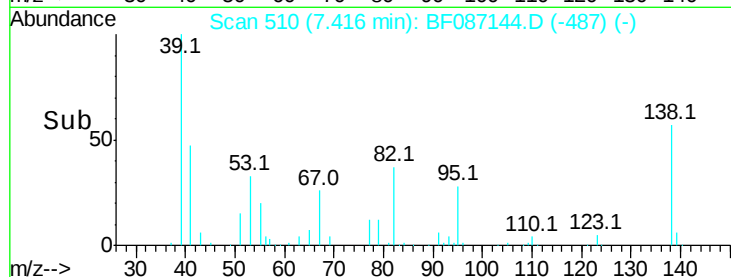
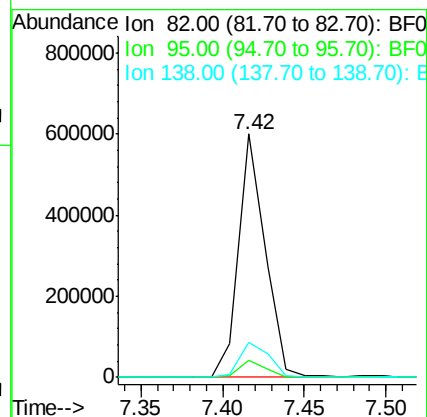
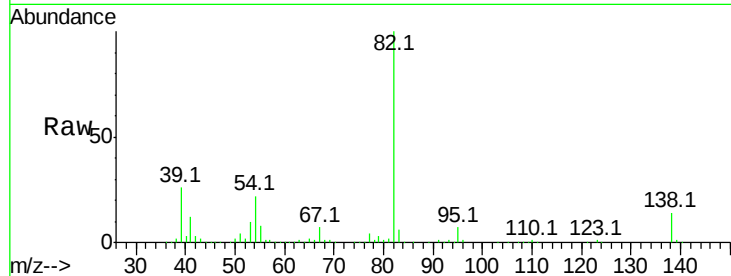
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	675748
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	14.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 41.24 ng

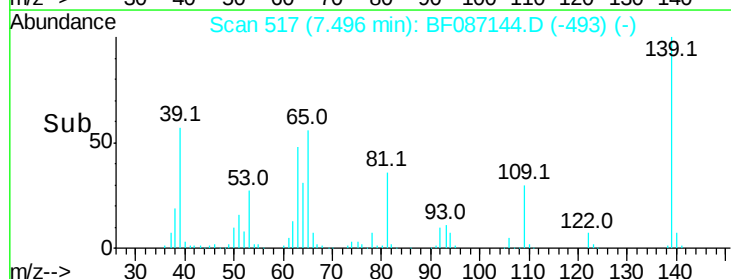
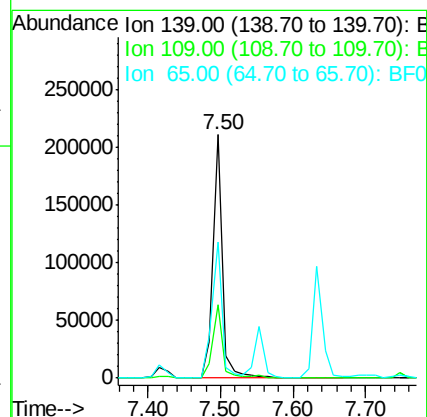
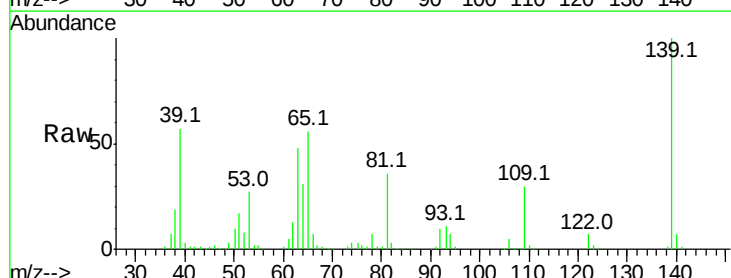
RT: 7.50 min Scan# 517

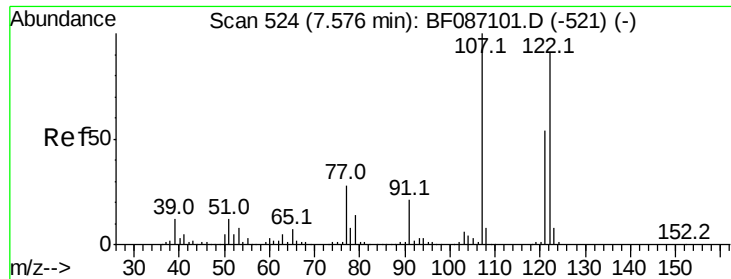
Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	139	Resp:	192005
Ion Ratio	Lower	Upper	
139	100		
109	30.1	19.5	29.3#
65	55.8	37.5	56.3





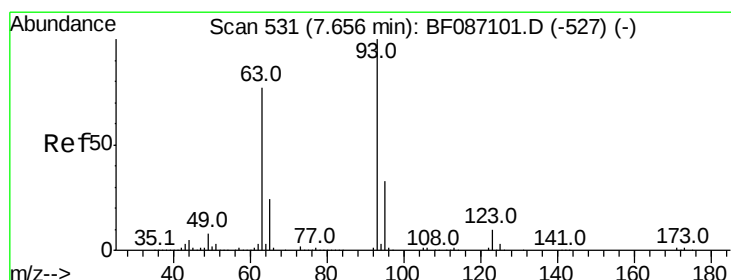
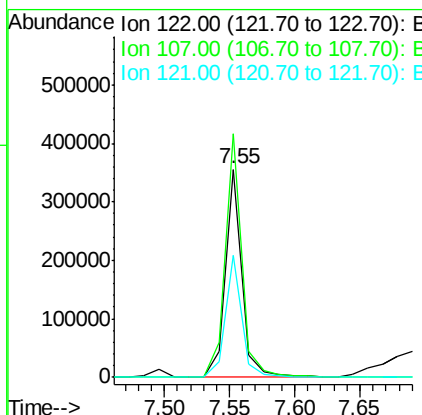
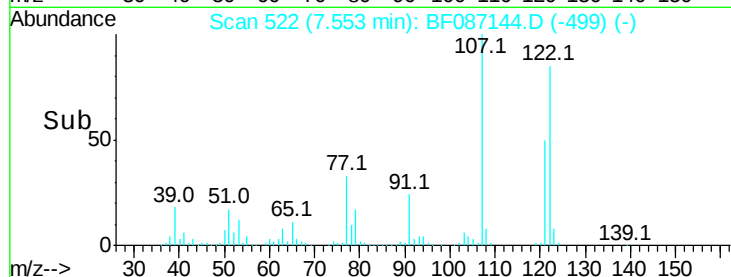
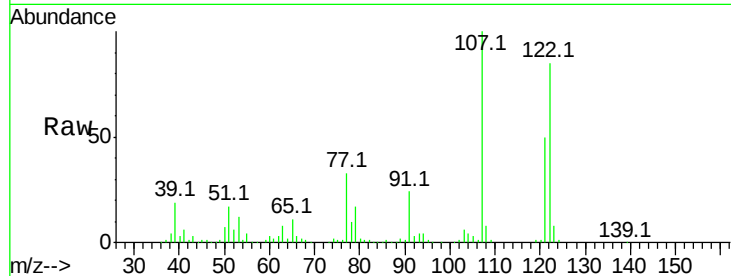
#27
 2,4-Dimethylphenol
 Concen: 39.40 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	313052		
107	117.1	82.0	123.0	
121	59.0	46.1	69.1	

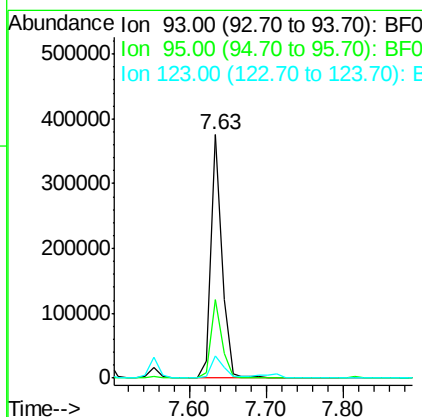
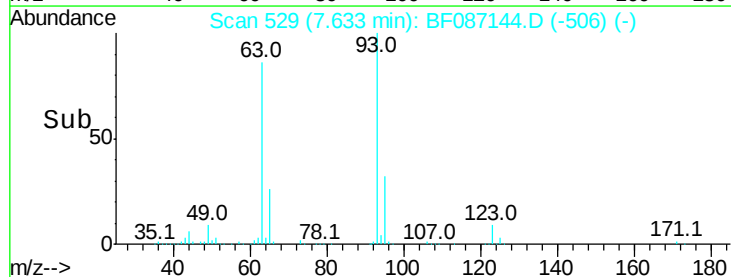
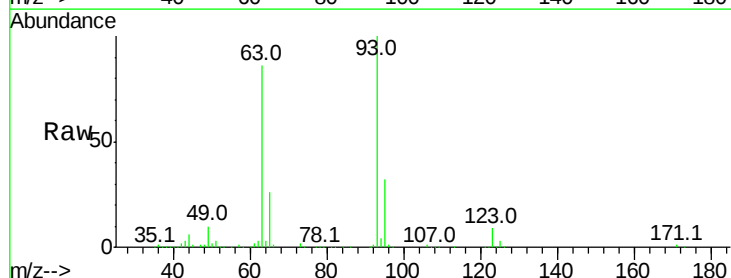
Manual Integrations
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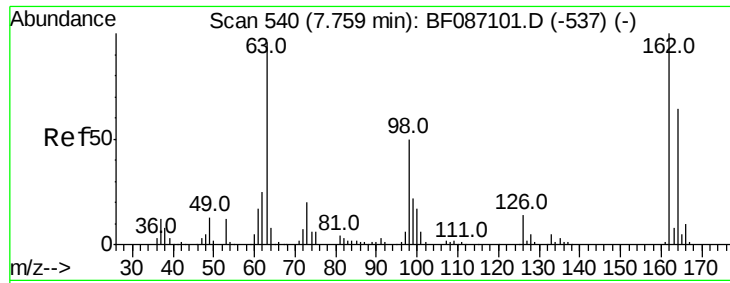
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.01 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	372502		
95	32.5	26.0	39.0	
123	9.2	9.5	14.3#	





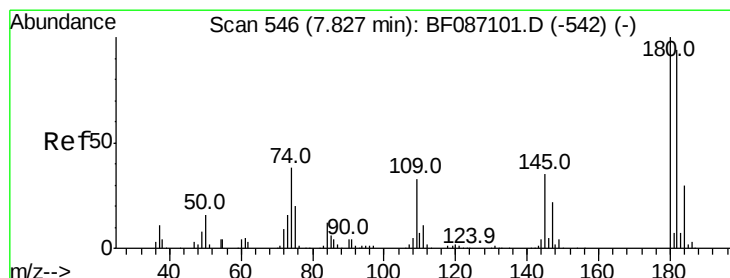
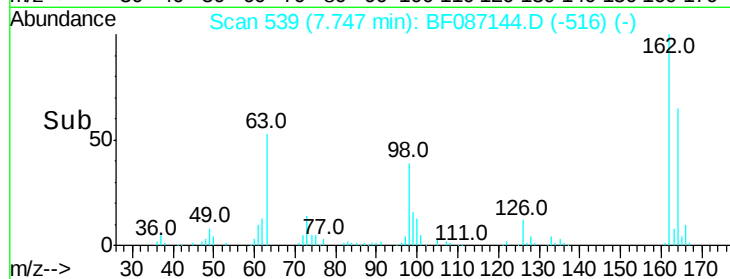
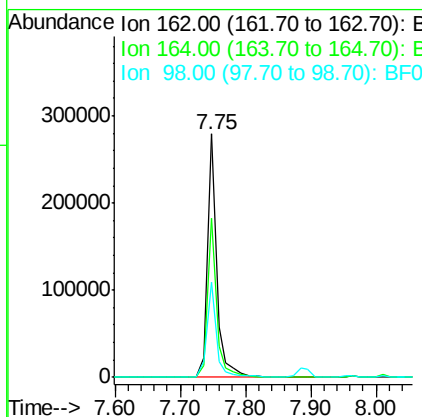
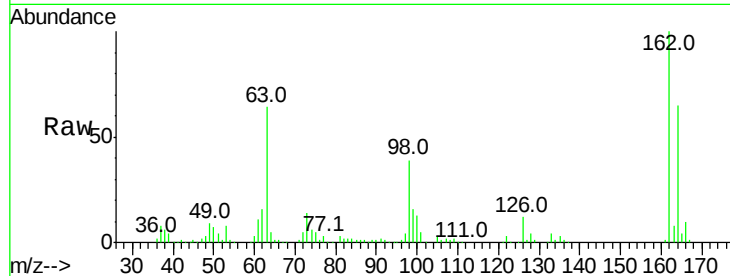
#29
 2,4-Dichlorophenol
 Concen: 39.21 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	274485
Ion Ratio	Lower	Upper	
162	100		
164	65.3	42.2	82.2
98	38.8	19.0	59.0

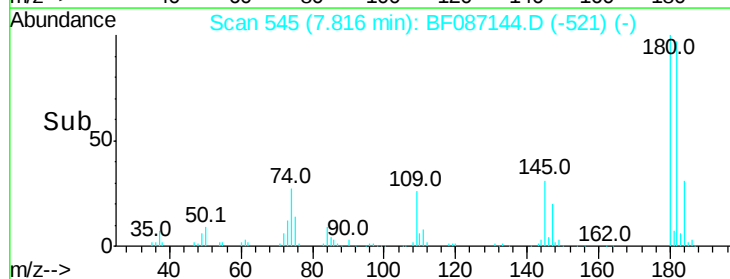
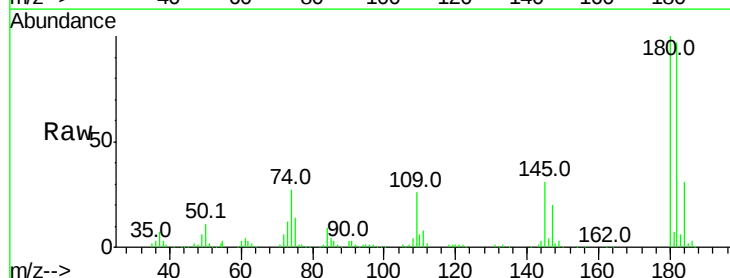
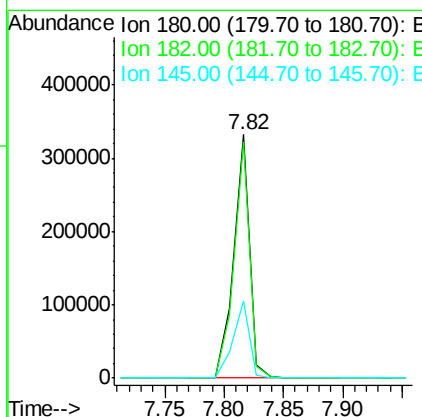
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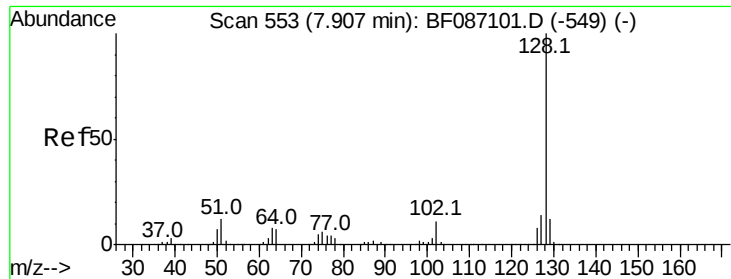
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:	180	Resp:	307612
Ion Ratio	Lower	Upper	
180	100		
182	96.9	78.0	117.0
145	31.5	24.2	36.2





#31

Naphthalene

Concen: 38.21 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

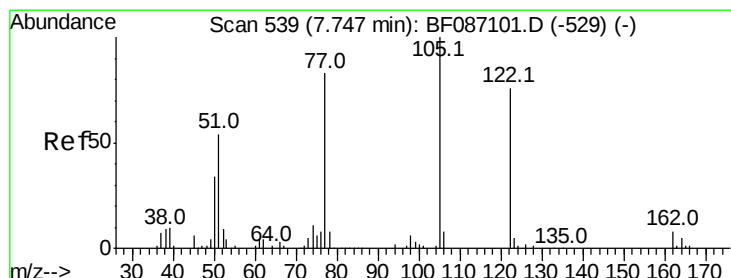
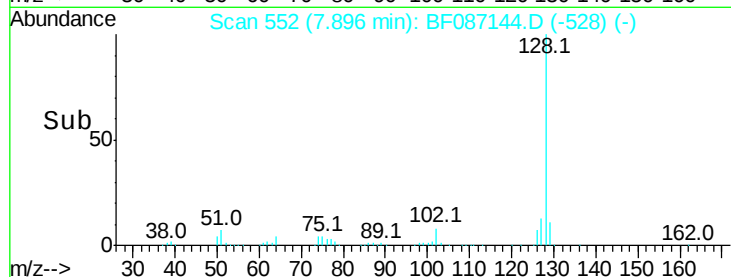
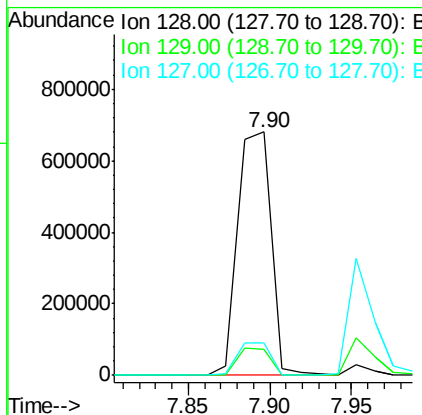
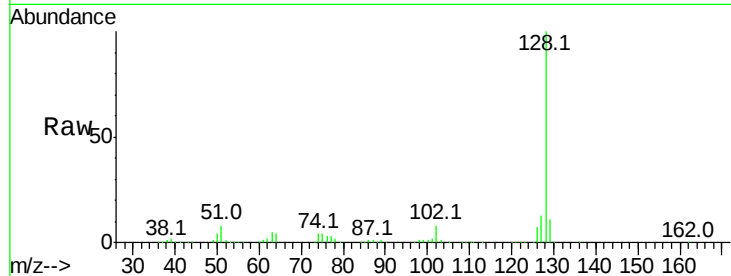
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	957720
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	13.0
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 43.04 ng

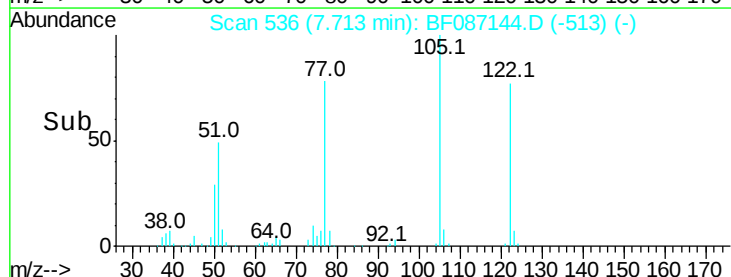
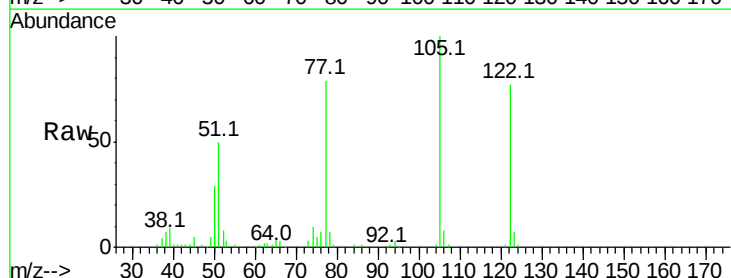
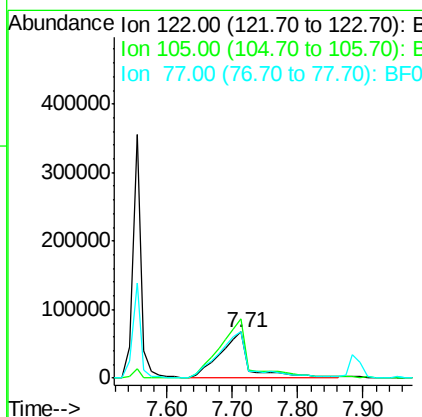
RT: 7.71 min Scan# 536

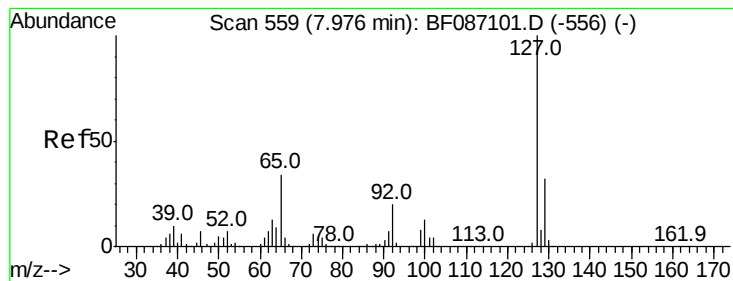
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	122	Resp:	203831
Ion Ratio	Lower	Upper	
122	100		
105	129.3	92.6	132.6
77	102.0	60.0	100.0#





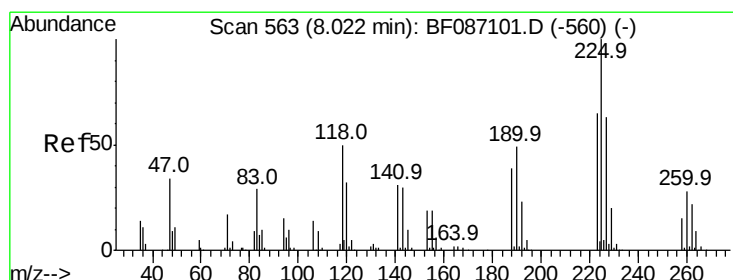
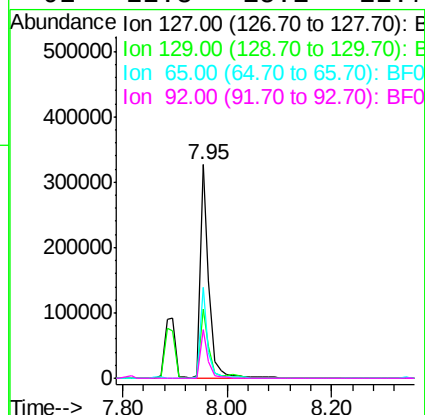
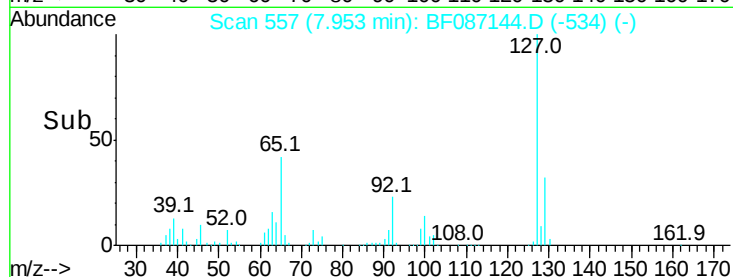
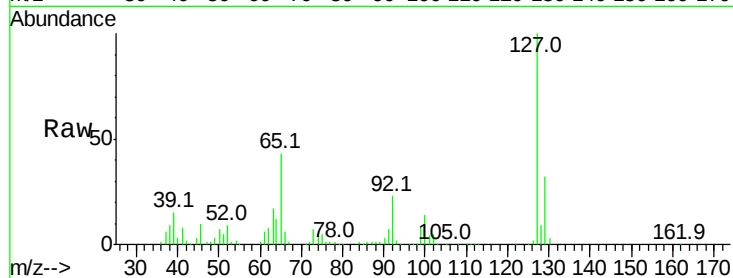
#33
4-Chloroaniline
Concen: 35.68 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.4	
65	42.8	23.0	34.4	
92	22.8	15.1	22.7	

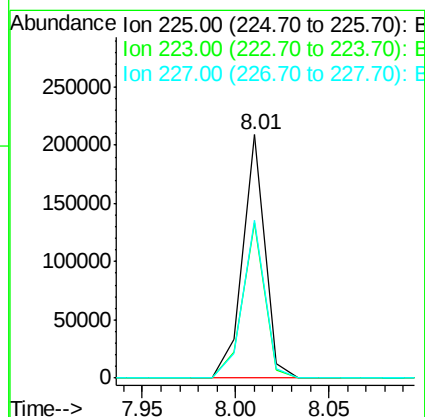
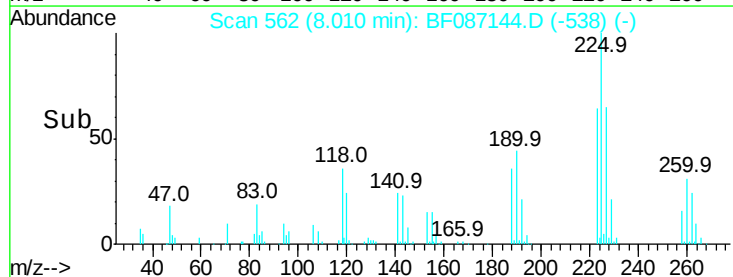
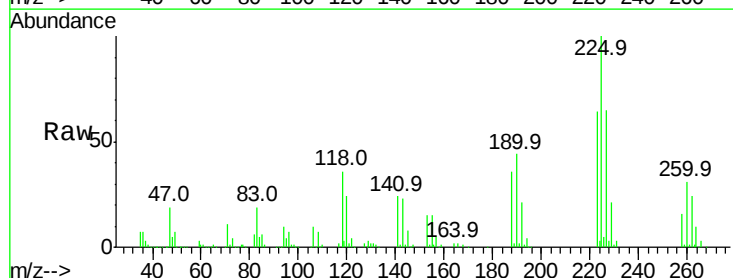
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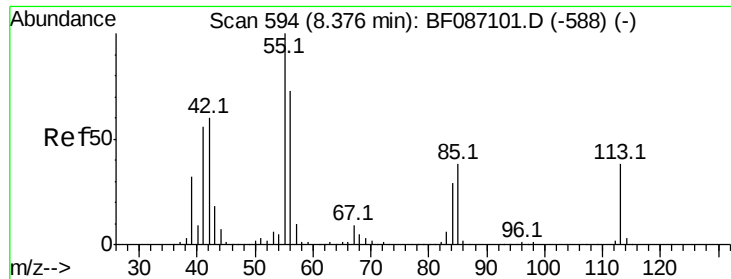
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#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.5	77.3	
227	64.9	52.2	78.2	





#35

Caprolactam

Concen: 38.14 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

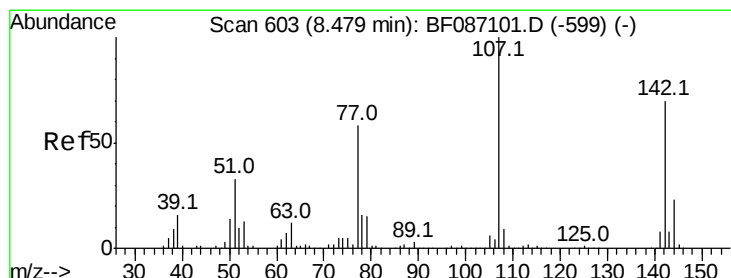
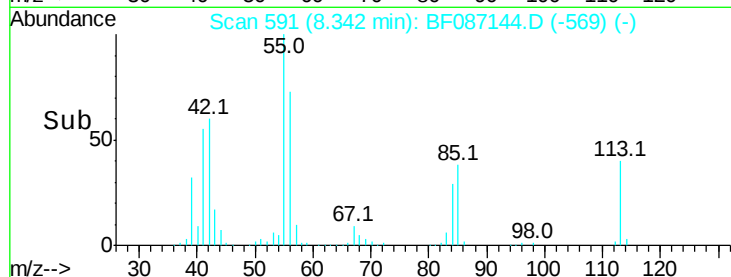
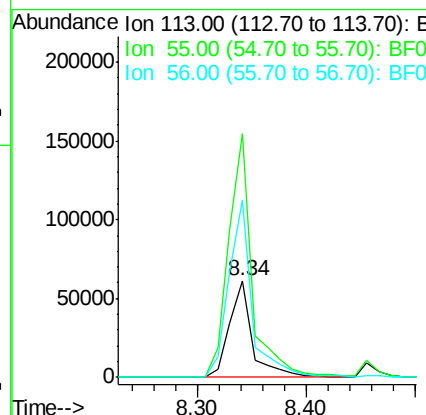
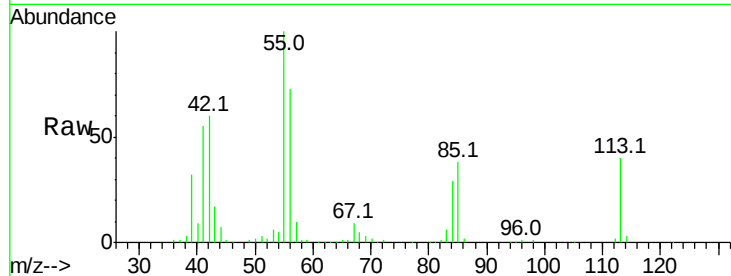
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	251.5	162.0	202.0#	
56	183.0	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 36.76 ng

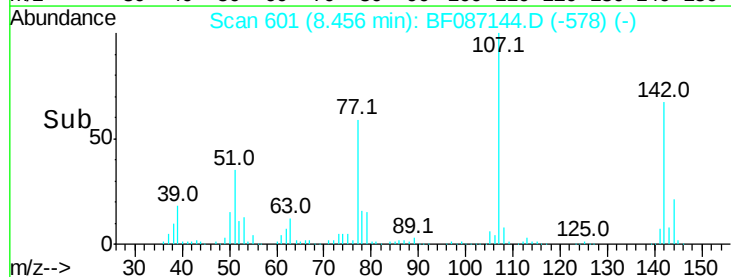
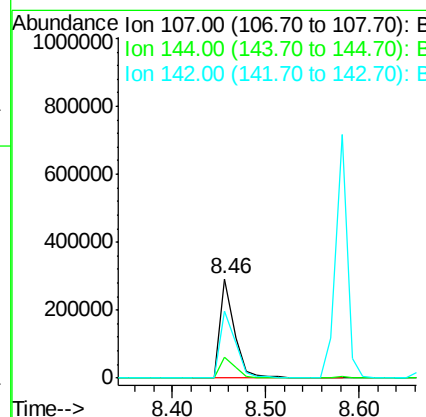
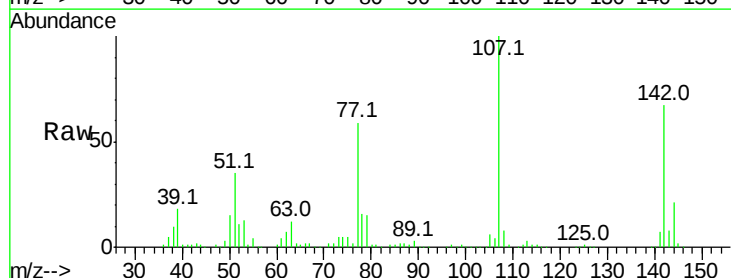
RT: 8.46 min Scan# 601

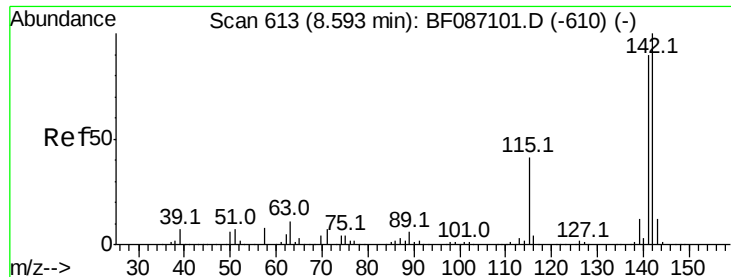
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.2	20.7	31.1	
142	67.3	63.2	94.8	





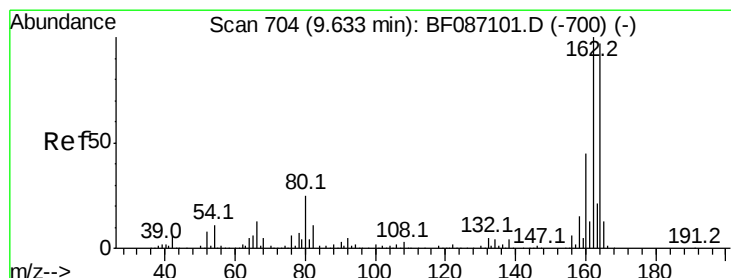
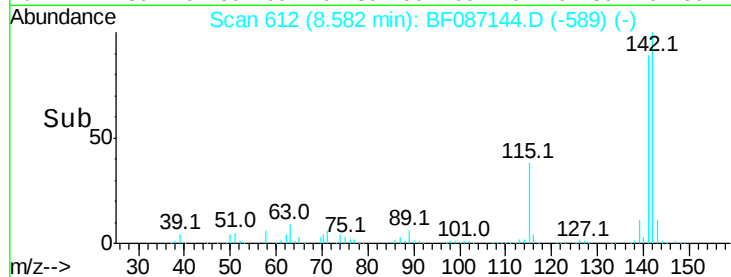
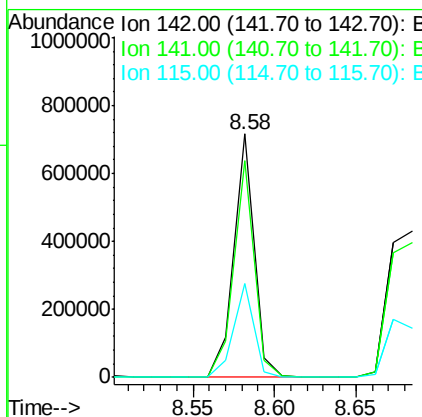
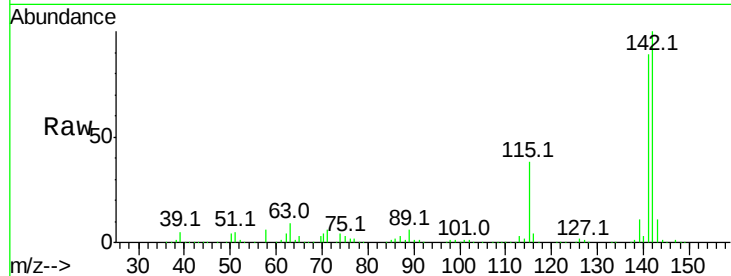
#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	142	Resp:	617170
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.0	106.6
115	38.3	26.6	39.8

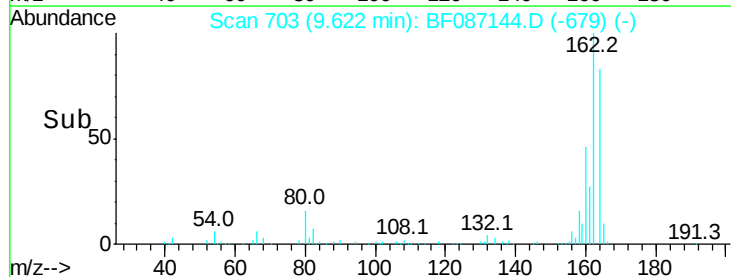
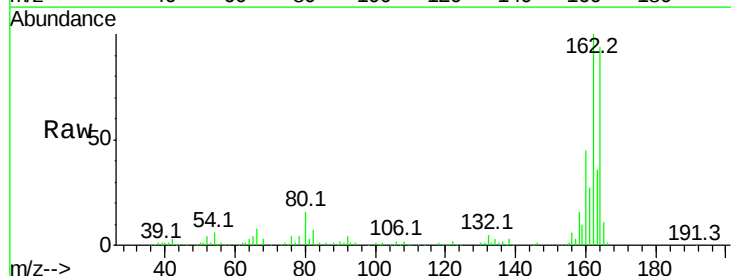
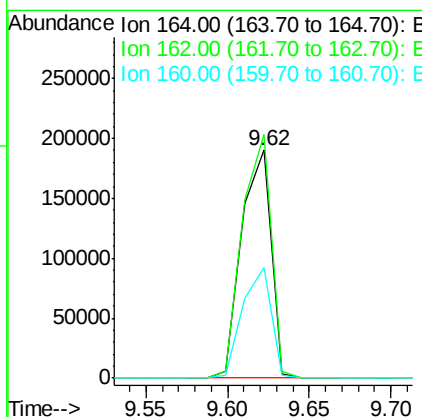
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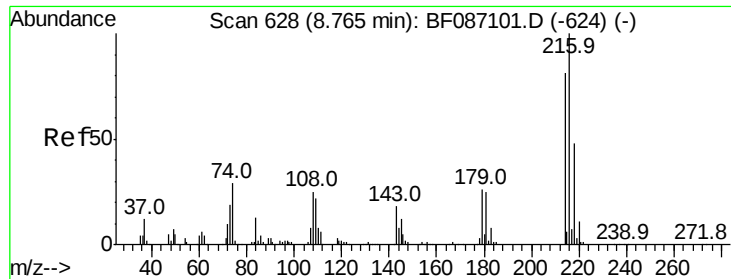
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:	164	Resp:	236661
Ion Ratio	Lower	Upper	
164	100		
162	106.9	82.8	124.2
160	48.5	36.9	55.3





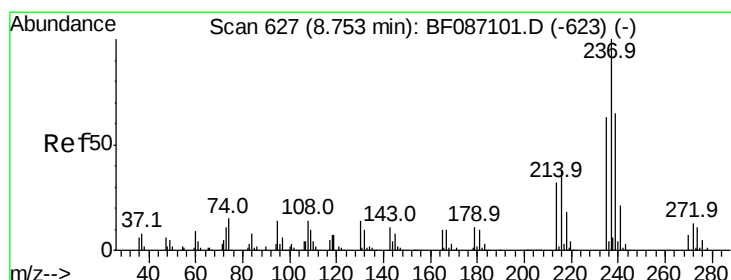
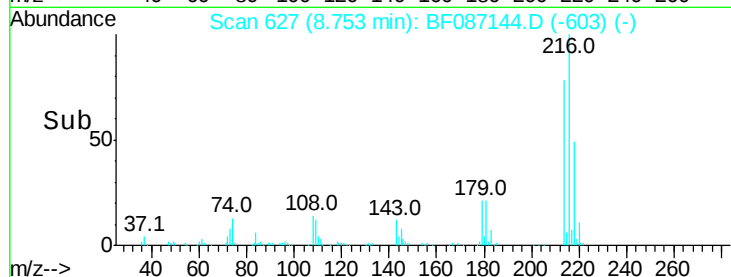
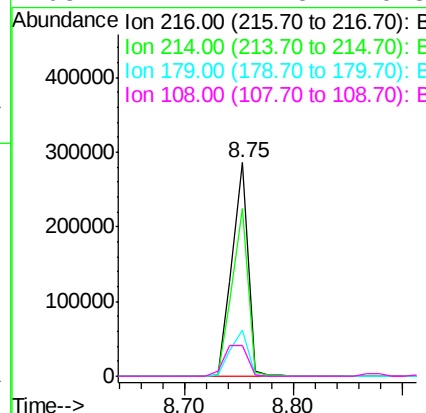
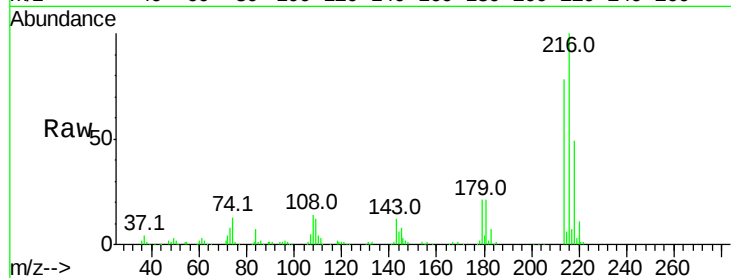
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.20 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	291720		
214	78.5	62.6	93.8	
179	23.0	18.2	27.4	
108	21.1	17.5	26.3	

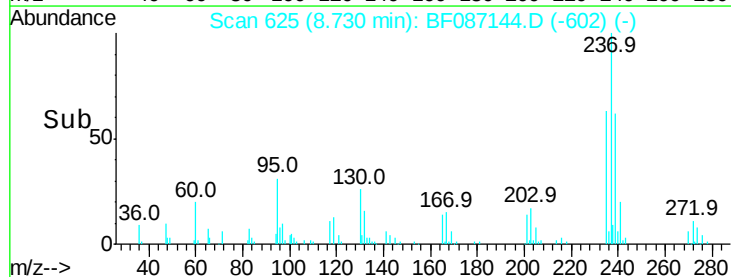
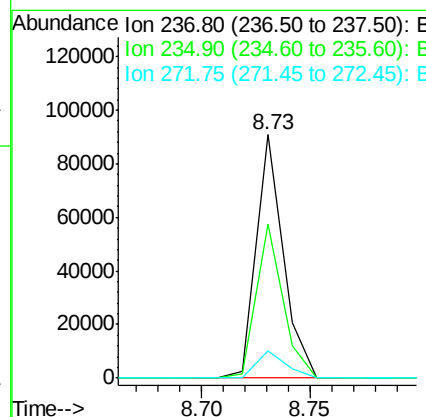
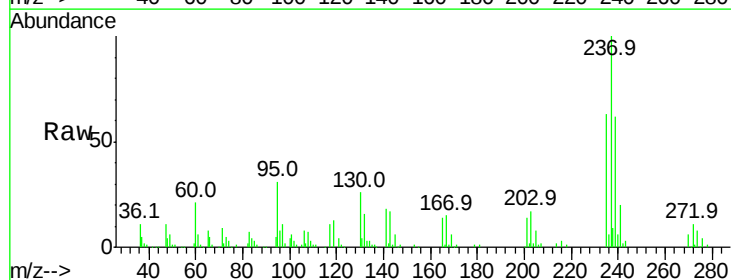
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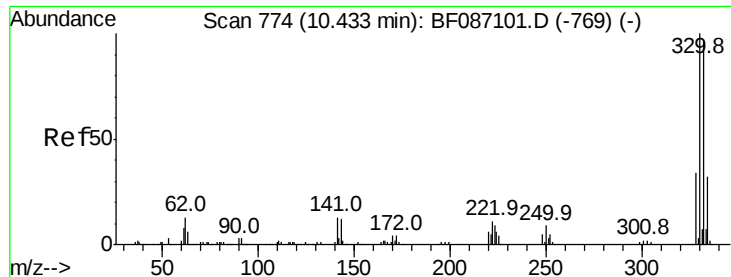
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#40
 Hexachlorocyclopentadiene
 Concen: 34.35 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	78429		
235	63.1	47.2	87.2	
272	11.0	0.0	31.1	





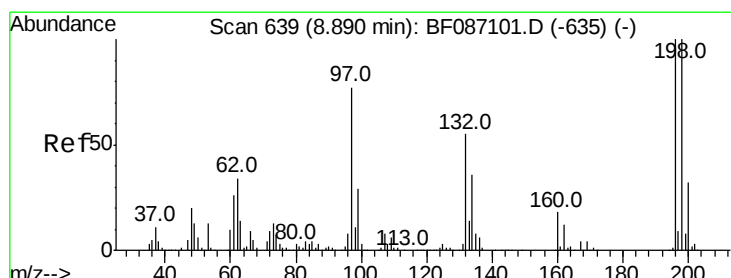
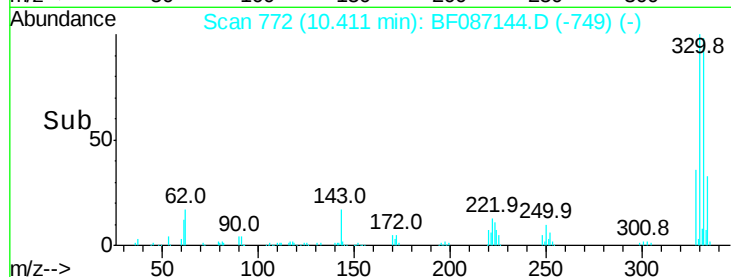
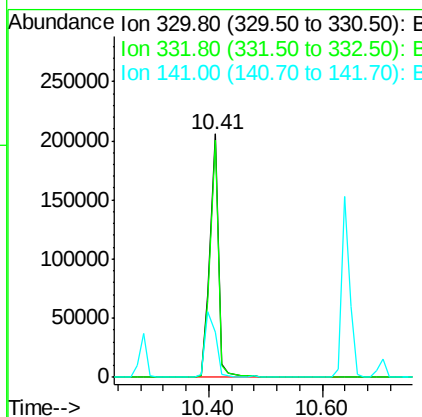
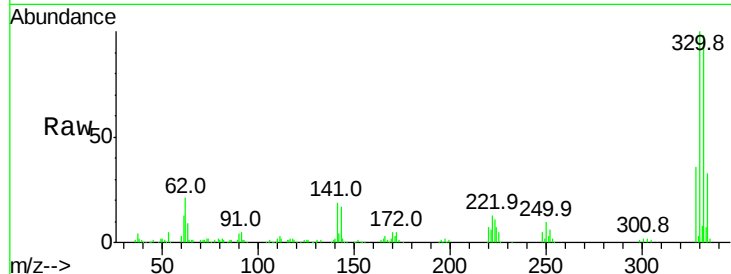
#41
 2,4,6-Tribromophenol
 Concen: 79.30 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207383		
332	95.9	79.0	118.4	
141	33.8	31.2	46.8	

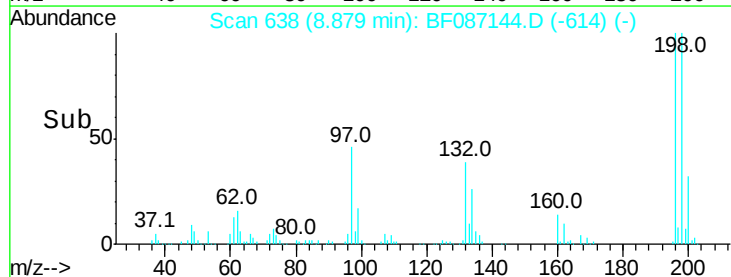
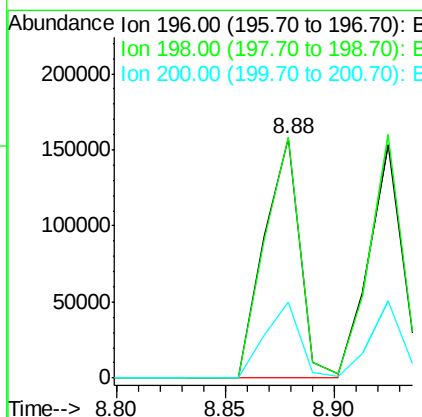
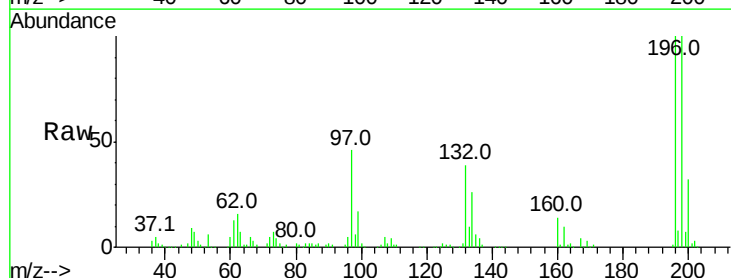
Manual Integrations
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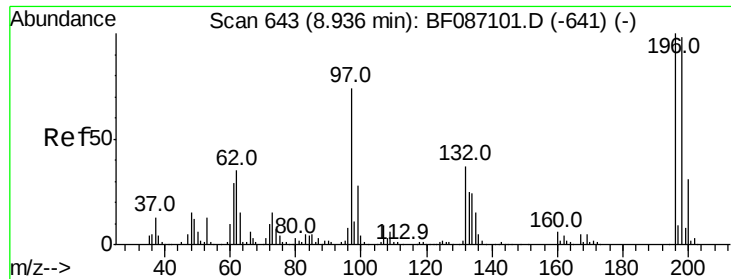
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#42
 2,4,6-Trichlorophenol
 Concen: 40.28 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180564		
198	100.4	74.7	112.1	
200	31.9	23.8	35.6	





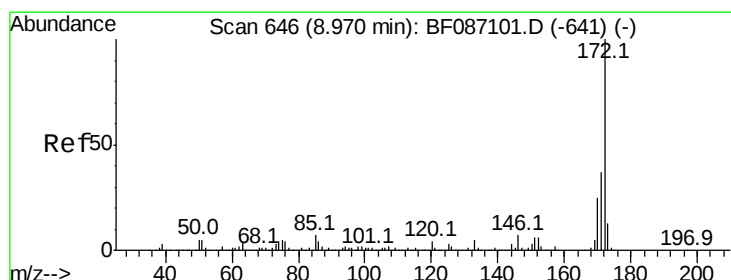
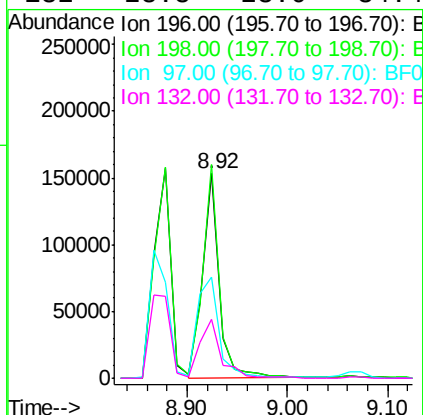
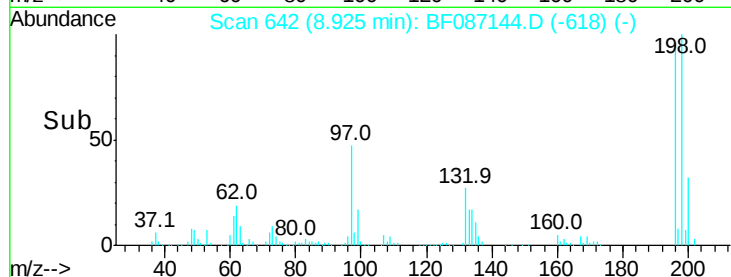
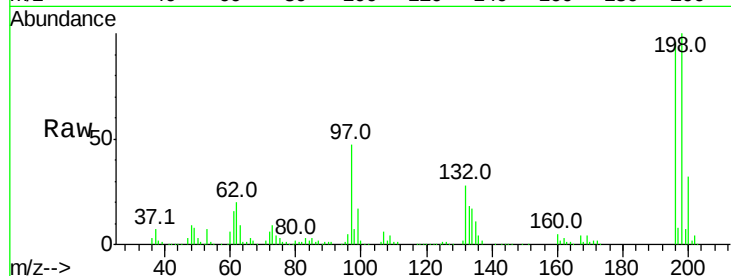
#43
 2,4,5-Trichlorophenol
 Concen: 37.93 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		176634		
198	104.5	77.5	116.3		
97	49.6	34.8	52.2		
132	28.8	23.0	34.4		

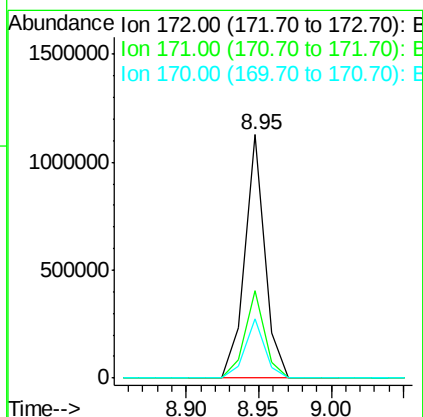
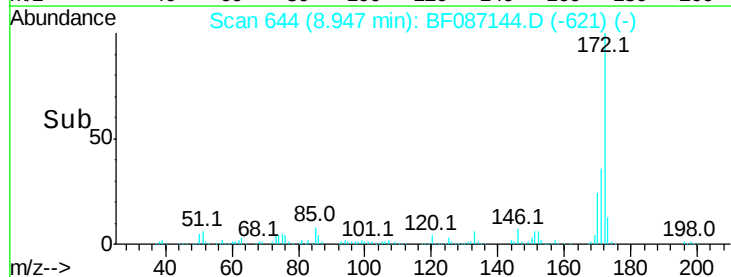
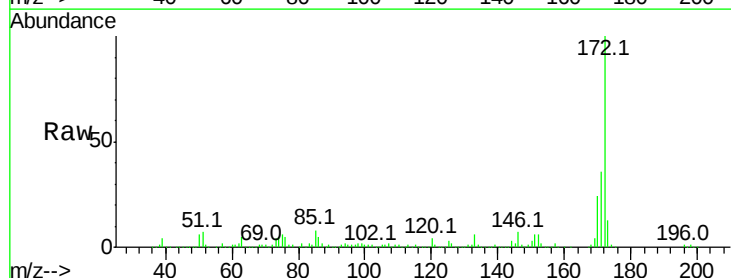
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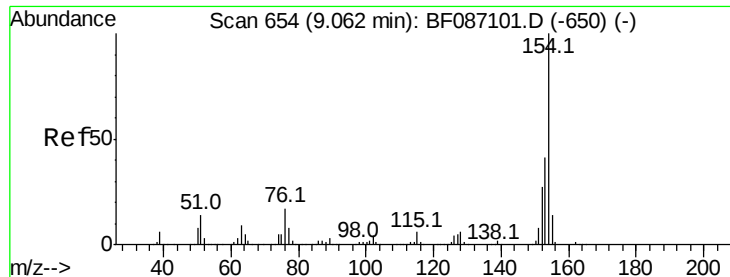
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#44
 2-Fluorobiphenyl
 Concen: 75.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1085367		
171	36.1	29.0	43.6		
170	24.2	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 43.56 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

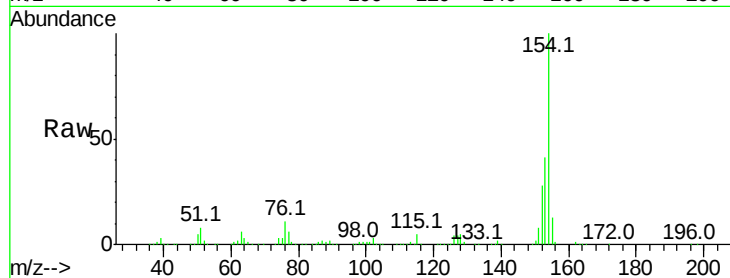
ClientSampleId :

SSTDCCC040

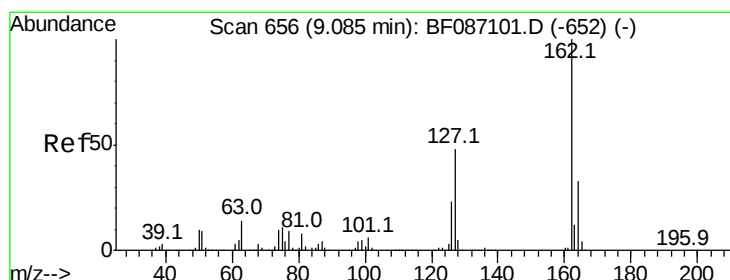
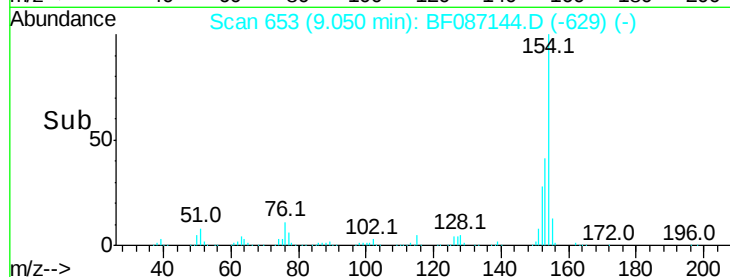
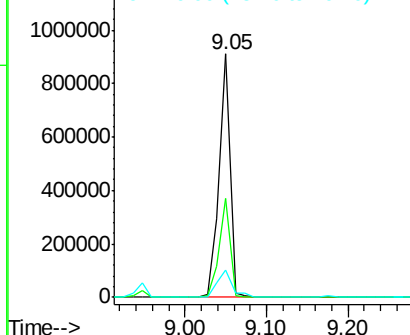
Tot Ion:	154	Resp:	854702
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.3	60.3
76	11.3	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 40.67 ng

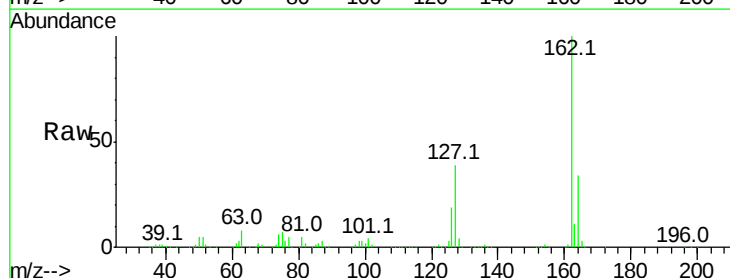
RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

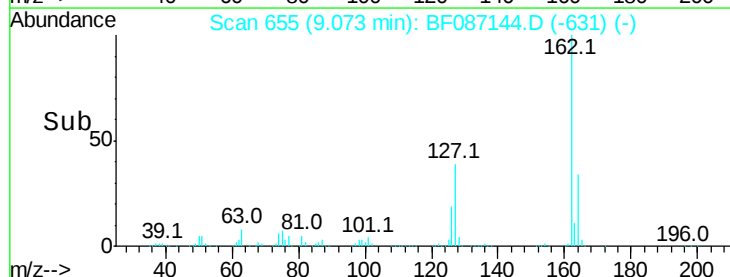
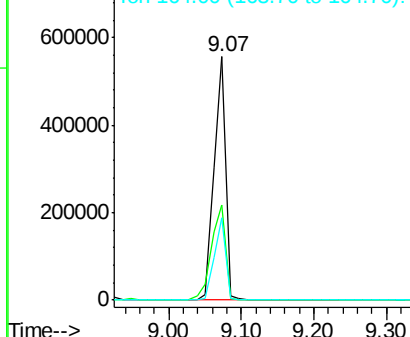
Lab File: BF087144.D

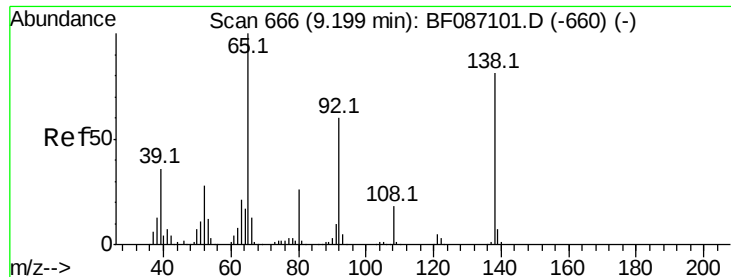
Acq: 18 May 2016 15:11

Tgt Ion:	162	Resp:	612714
Ion Ratio	Lower	Upper	
162	100		
127	39.2	31.8	47.6
164	33.6	27.0	40.6



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





#47

2-Nitroaniline

Concen: 36.42 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

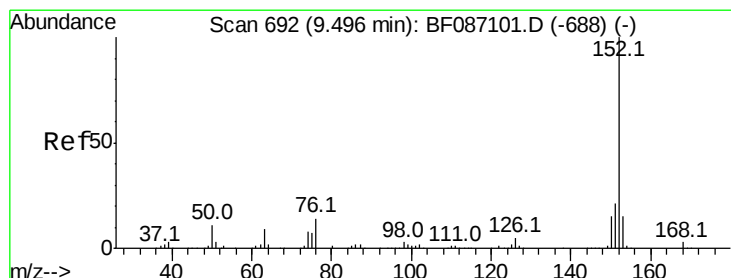
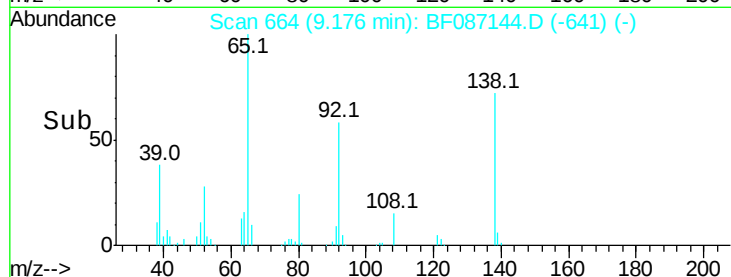
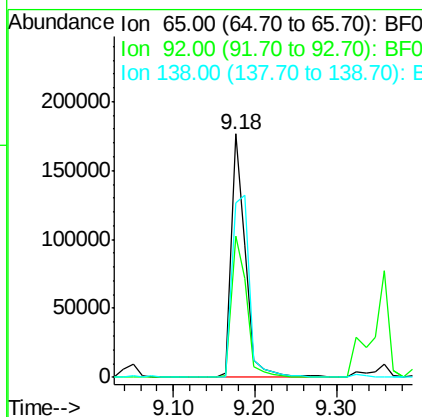
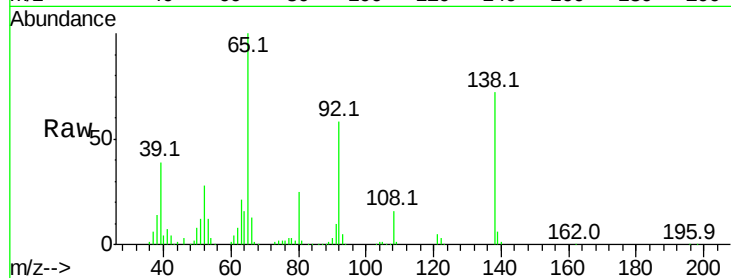
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Tot Ion: 65 Resp: 210278

Ion	Ratio	Lower	Upper
65	100		
92	57.9	57.4	86.2
138	71.7	90.1	135.1#

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#48

Acenaphthylene

Concen: 39.01 ng

RT: 9.48 min Scan# 691

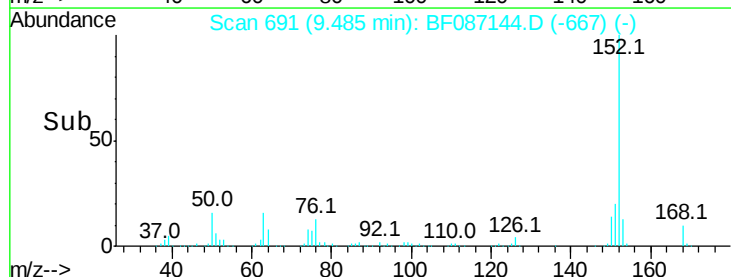
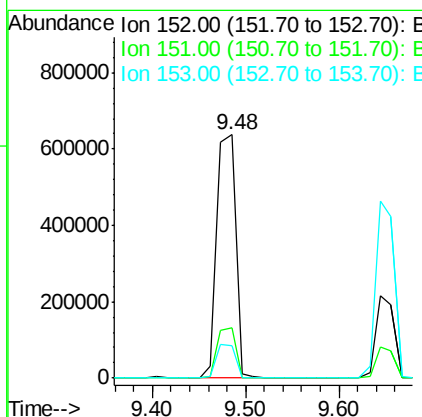
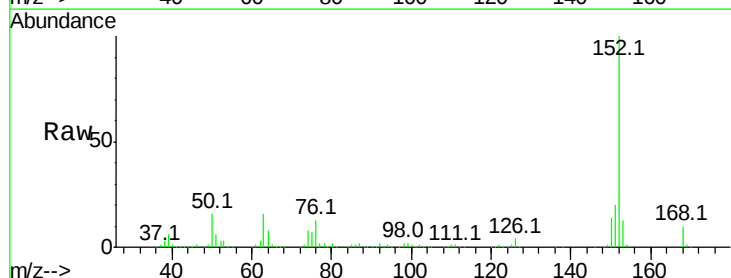
Delta R.T. -0.02 min

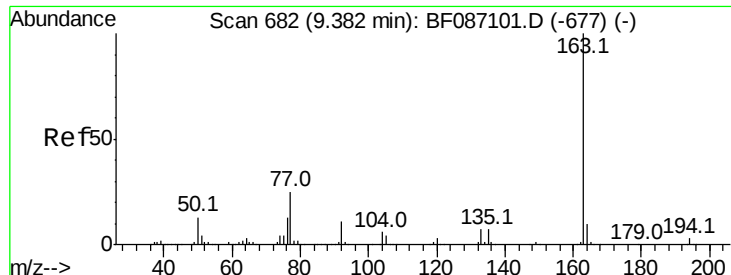
Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion: 152 Resp: 897338

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.5	10.9	16.3





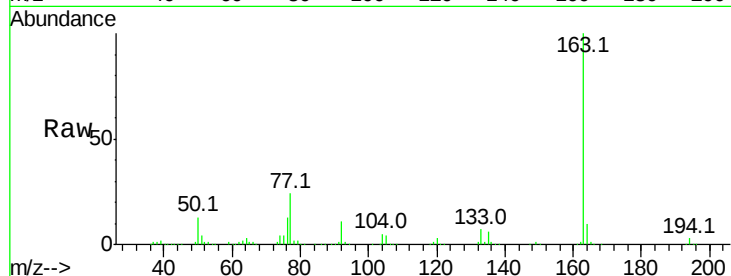
#49
Dimethylphthalate
Concen: 40.00 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

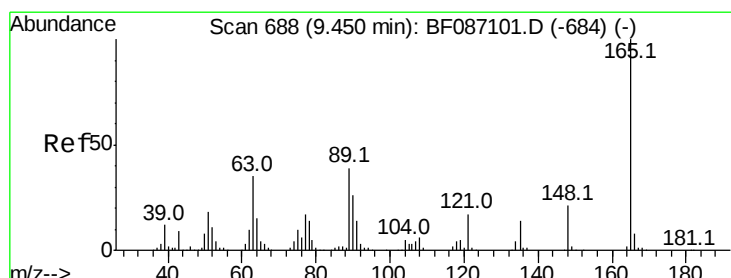
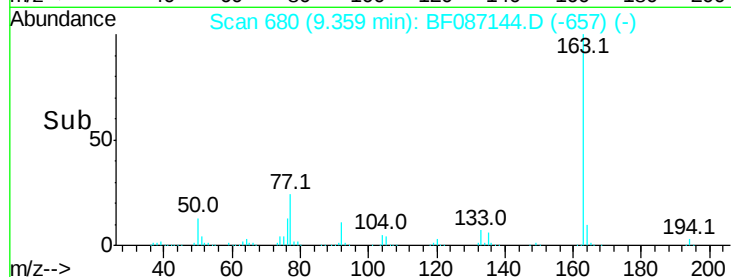
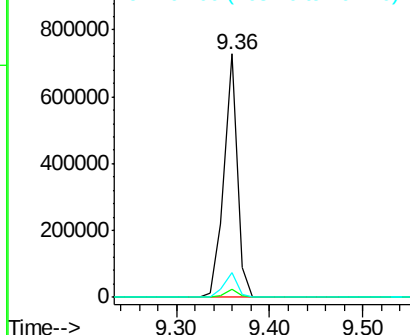
Tot Ion	Ratio	Resp	Lower	Upper
163	100	722160		
194	3.2		2.6	4.0
164	10.2		8.2	12.4

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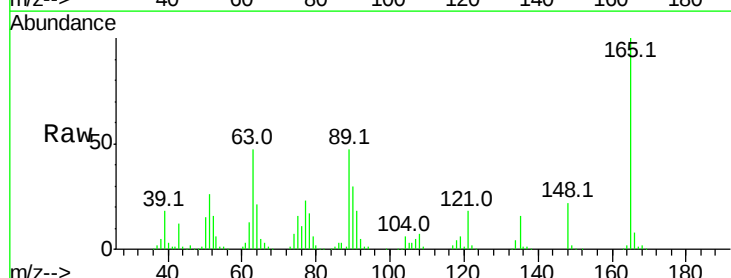


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

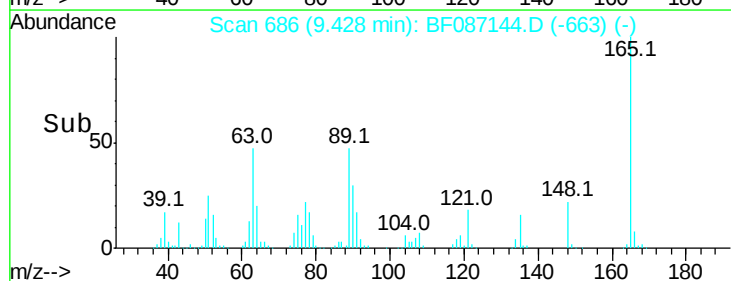
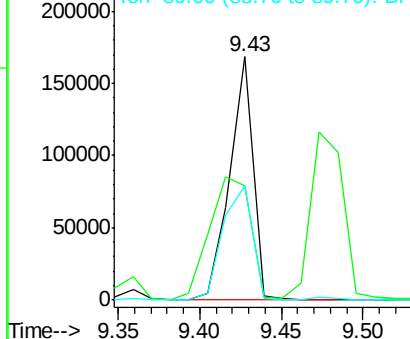


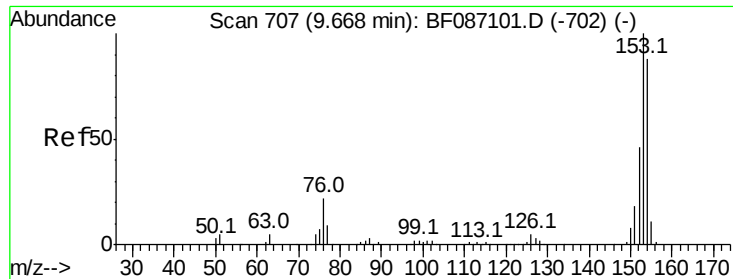
#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165638		
63	47.0		51.8	77.8#
89	46.9		50.7	76.1#



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





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

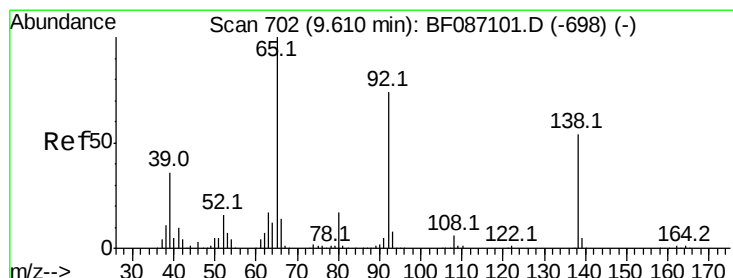
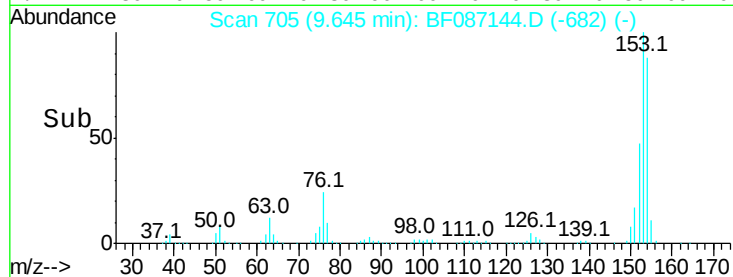
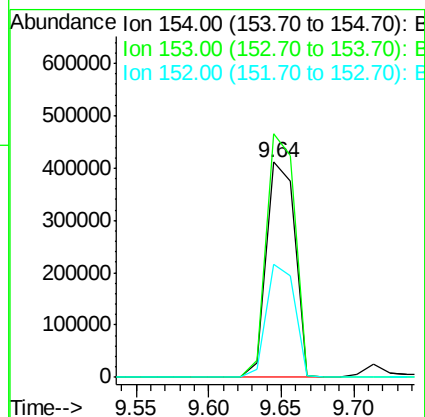
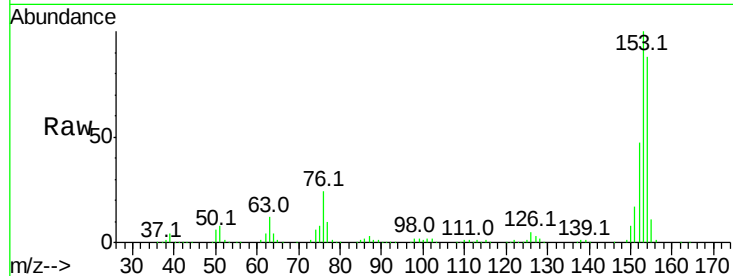
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	562517
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.7	43.4	65.0

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#52

3-Nitroaniline

Concen: 40.54 ng

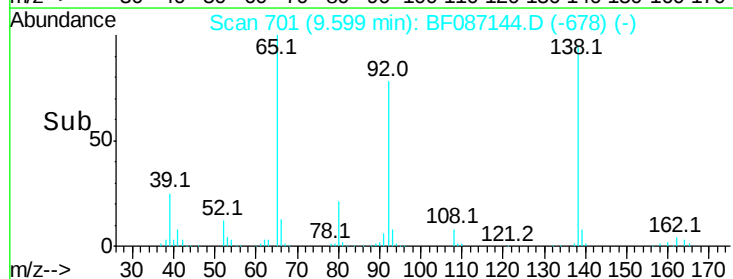
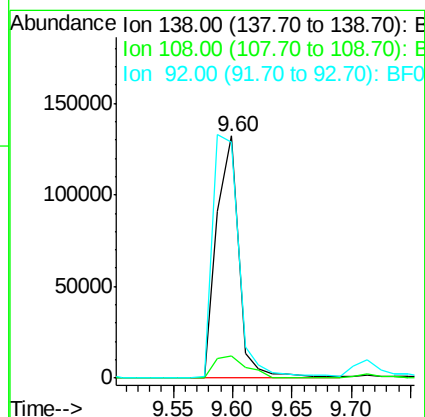
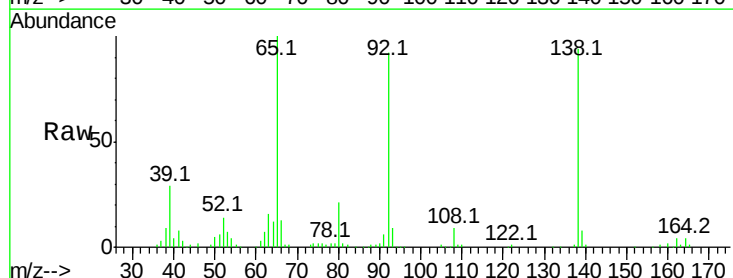
RT: 9.60 min Scan# 701

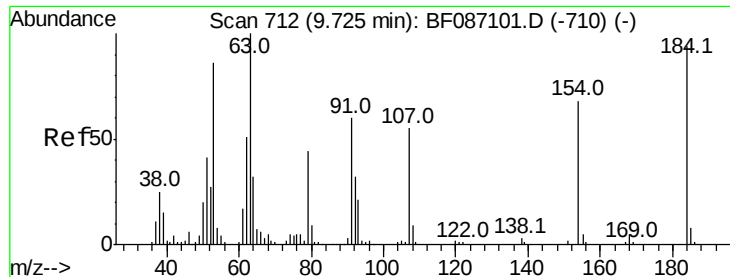
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	138	Resp:	172023
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.8	11.6
92	97.6	87.8	131.8





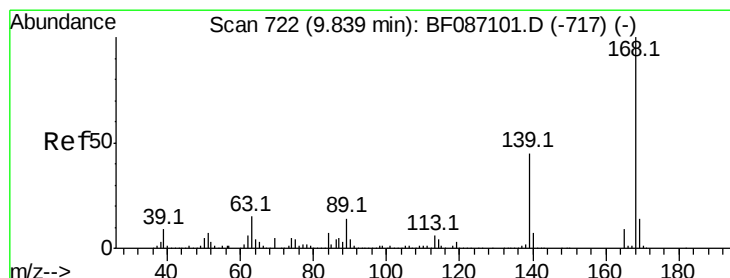
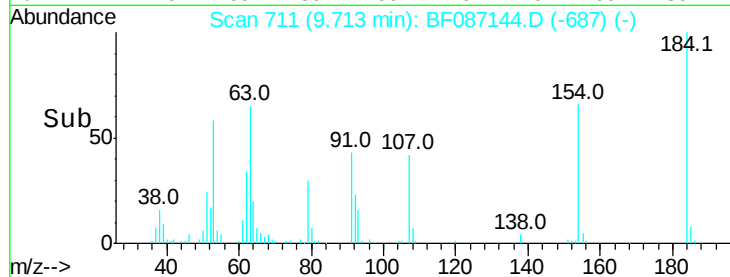
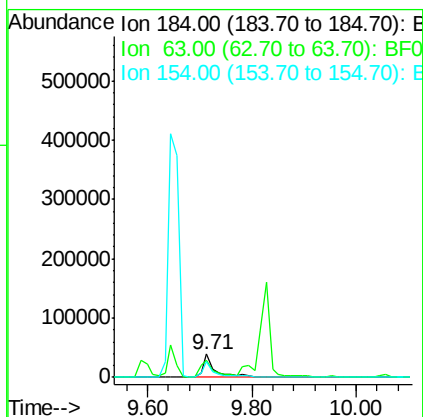
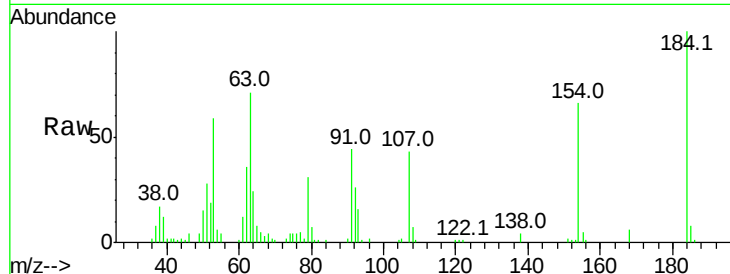
#53
 2,4-Dinitrophenol
 Concen: 32.83 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	67067		
63	70.9	55.8	83.8	
154	66.3	62.4	93.6	

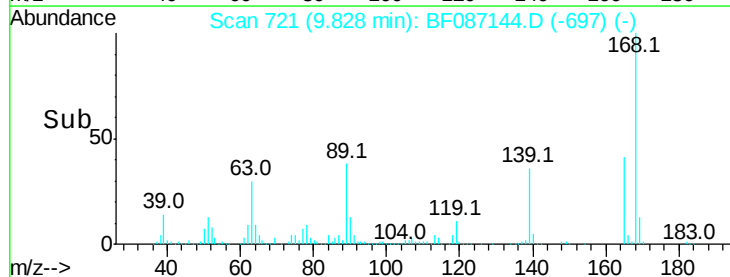
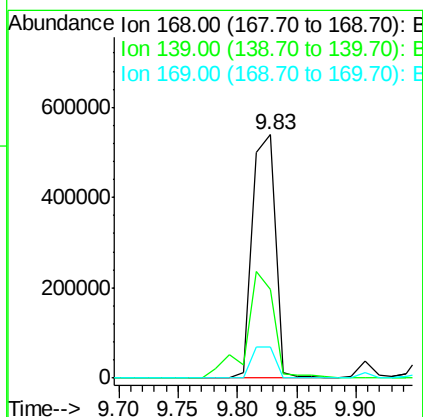
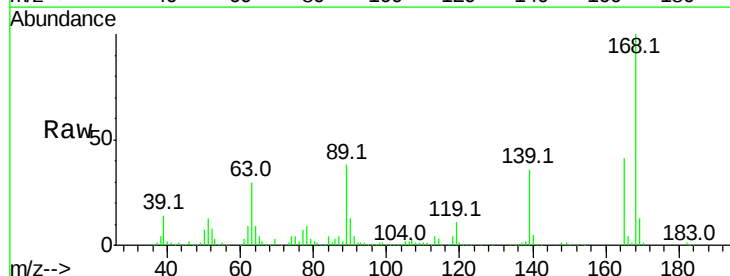
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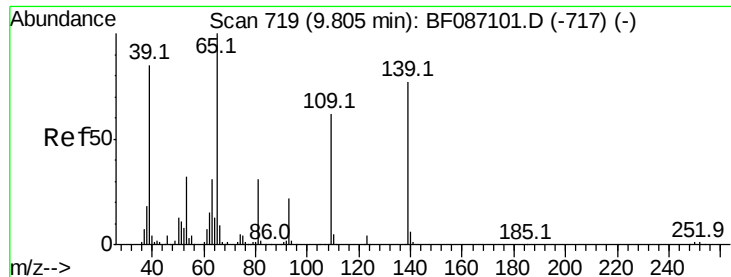
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#54
 Dibenzofuran
 Concen: 39.76 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	738953		
139	36.4	31.4	47.0	
169	13.0	10.7	16.1	





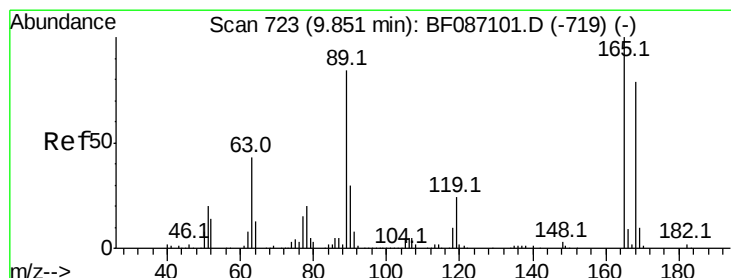
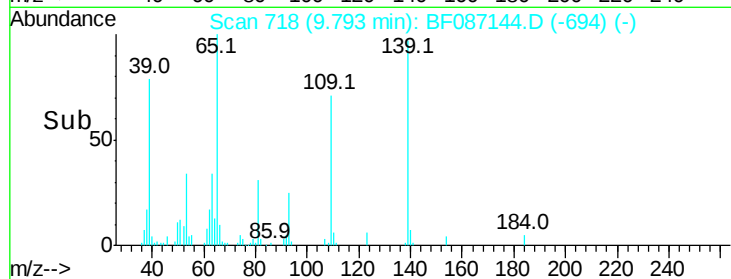
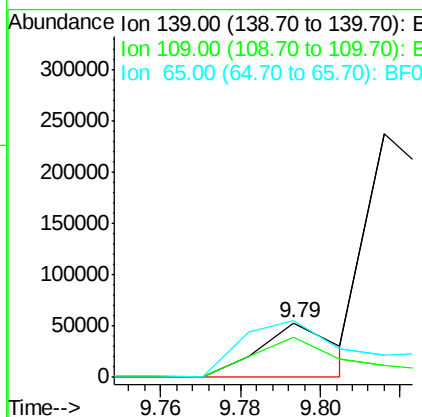
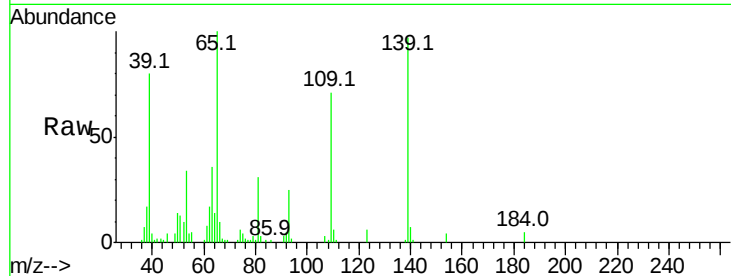
#55
4-Nitrophenol
Concen: 36.59 ng m
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.4	36.9	76.9
65	103.5	64.0	104.0

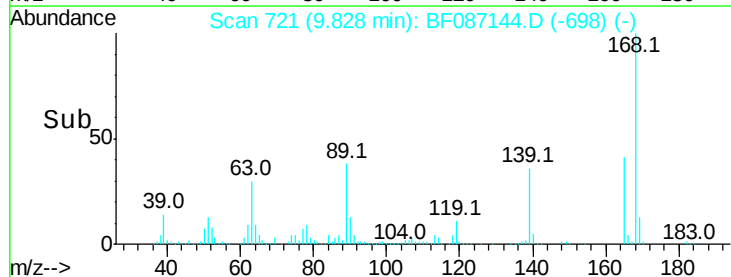
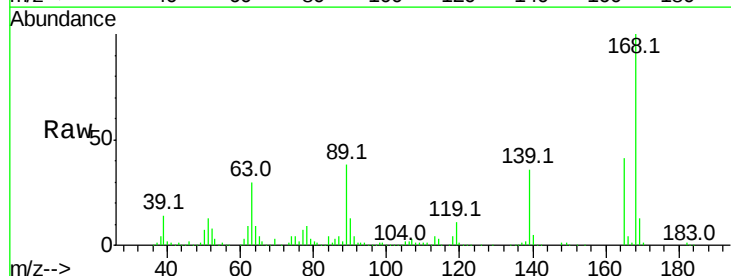
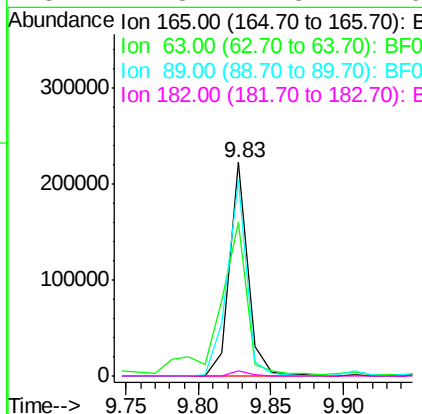
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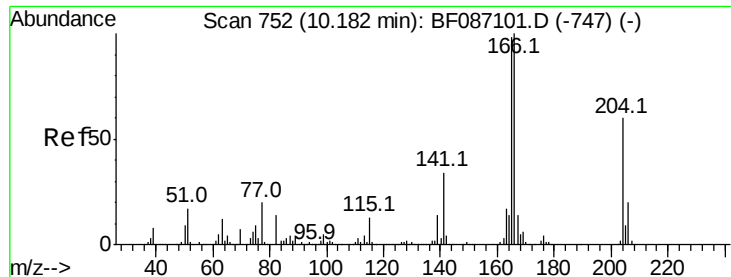
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#56
2,4-Dinitrotoluene
Concen: 38.85 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.0	44.3	66.5#
89	92.0	70.0	105.0
182	2.3	1.8	2.6





#57

Fluorene

Concen: 38.81 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 579545

Ion Ratio Lower Upper

166 100

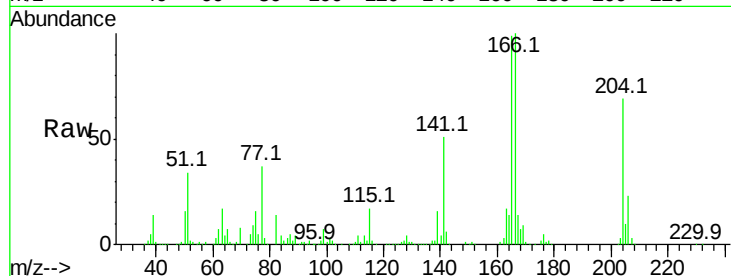
165 98.9 79.0 118.6

167 13.7 10.6 15.8

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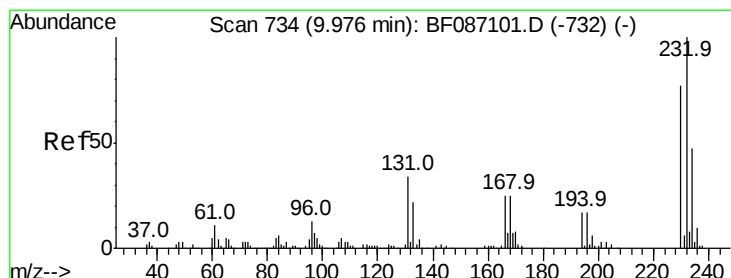
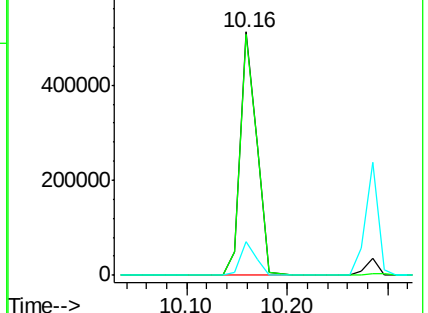
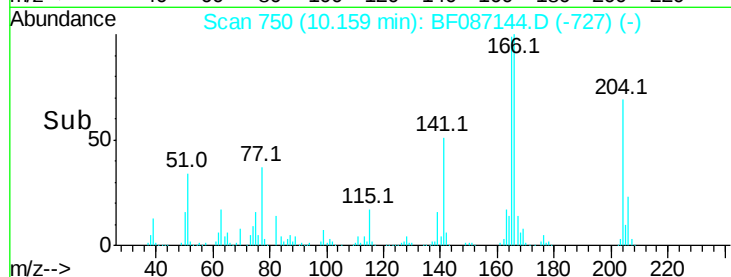
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.09 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:232 Resp: 145404

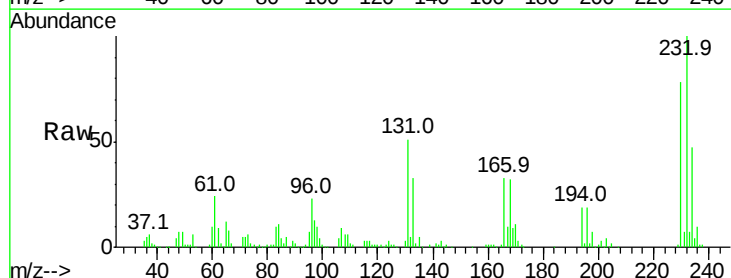
Ion Ratio Lower Upper

232 100

131 51.5 41.9 62.9

130 2.5 2.2 3.4

166 31.2 26.8 40.2

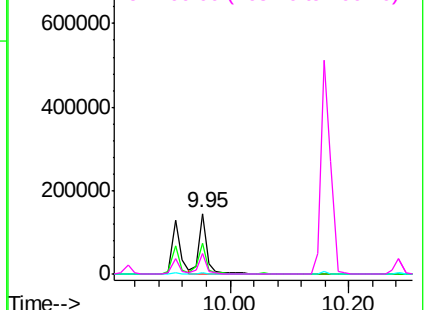
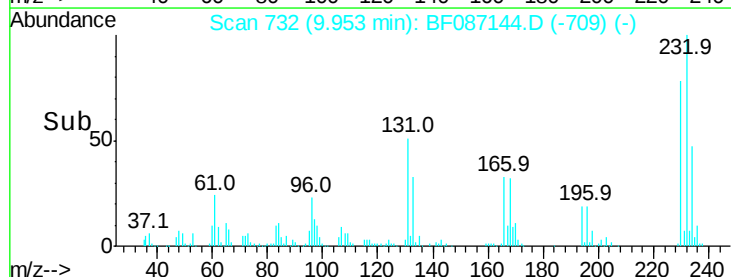


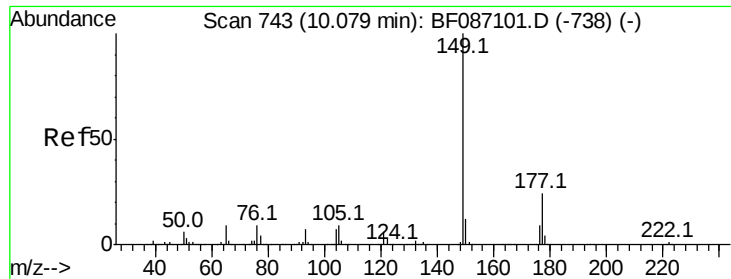
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





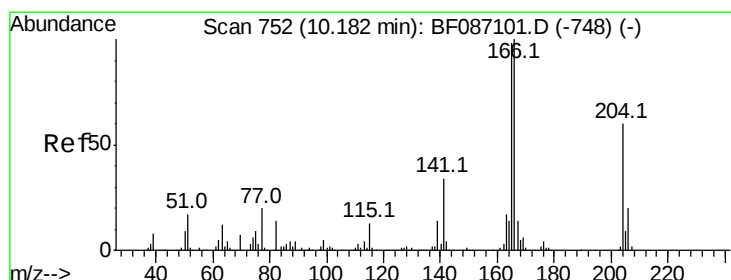
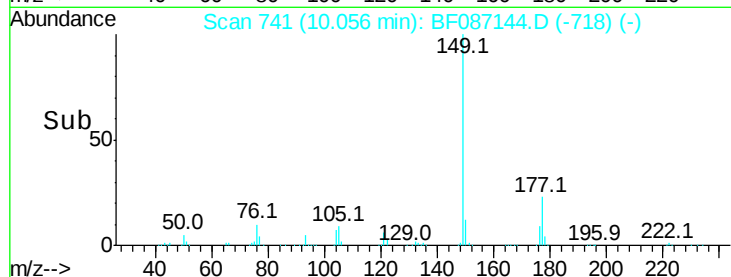
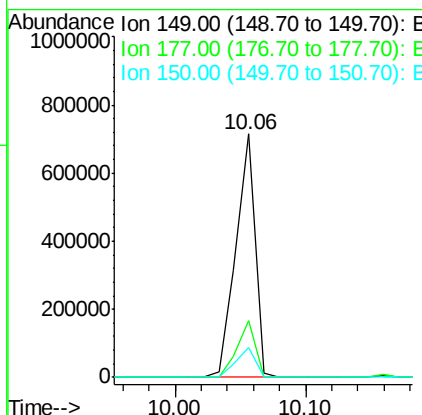
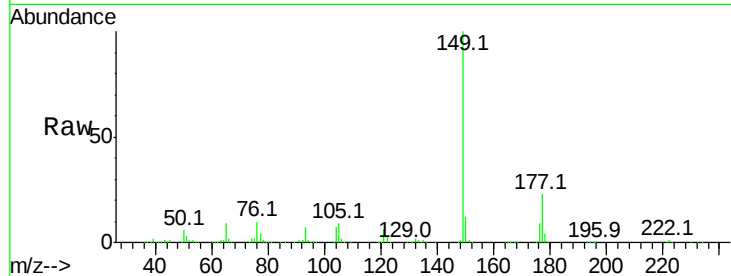
#59
Diethylphthalate
Concen: 42.10 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	725624		
177	23.4	16.6	24.8	
150	12.3	10.0	15.0	

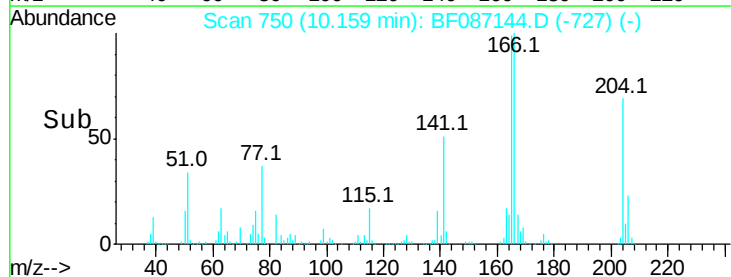
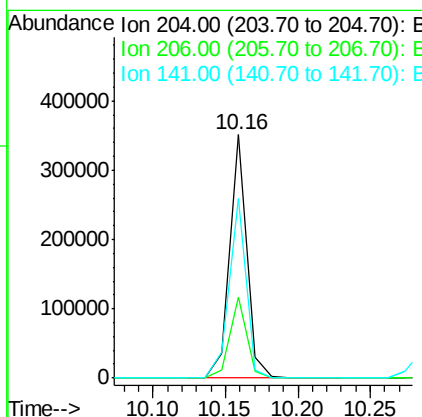
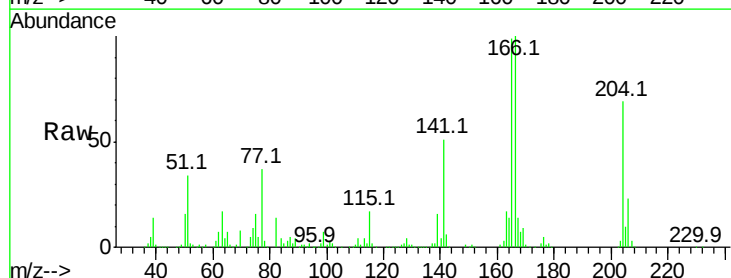
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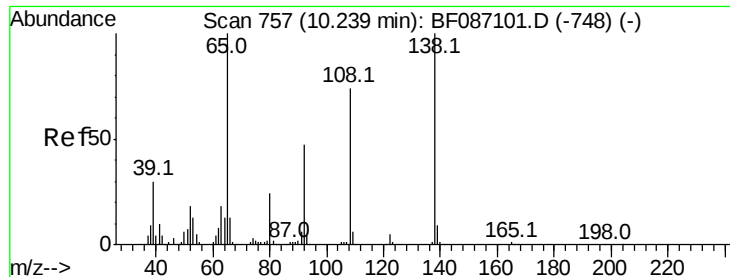
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#60
4-Chlorophenyl-phenylether
Concen: 40.71 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	288108		
206	33.4	25.4	38.0	
141	73.8	61.6	92.4	





#61

4-Nitroaniline

Concen: 37.18 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

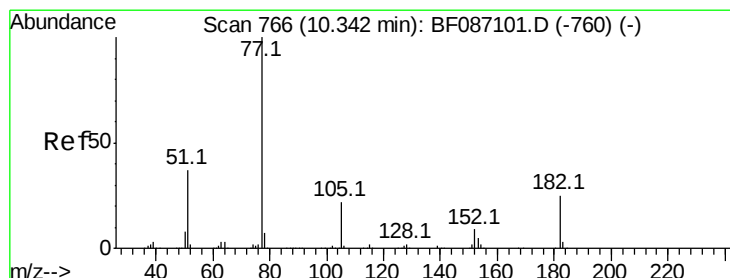
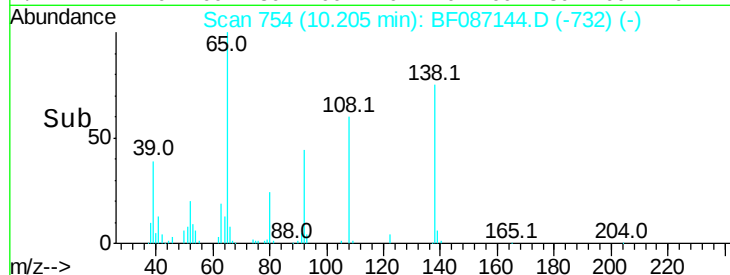
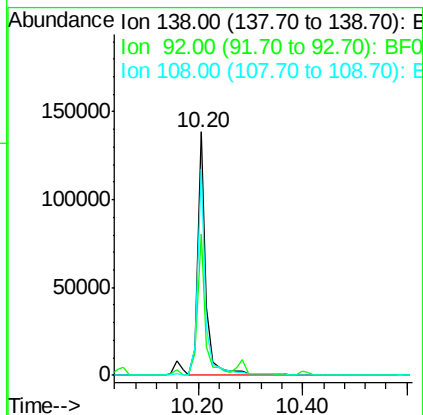
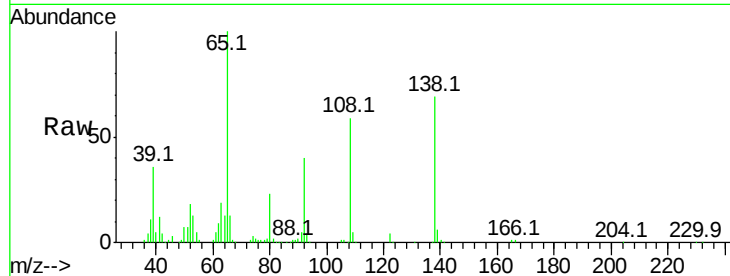
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	155769
Ion Ratio	Lower	Upper	
138	100		
92	58.2	24.7	64.7
108	84.9	37.4	77.4#

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#62

Azobenzene

Concen: 41.25 ng

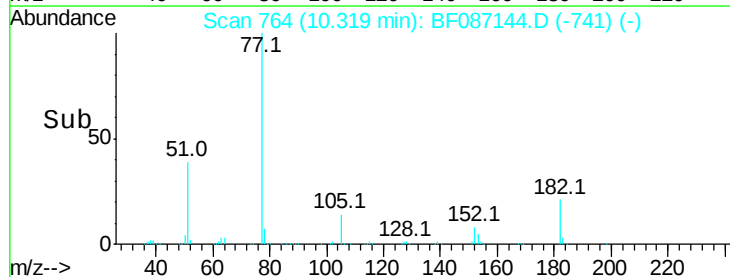
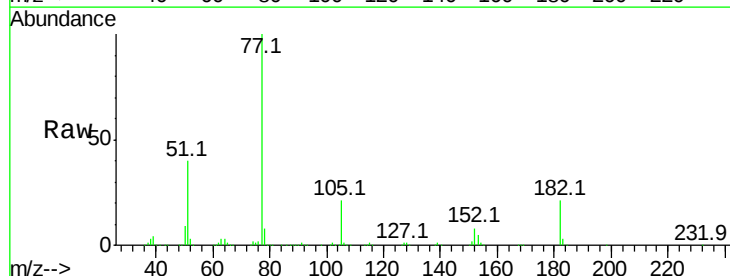
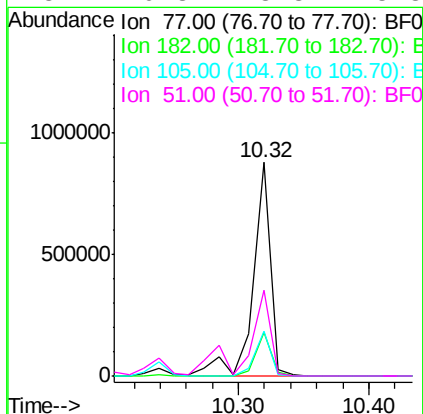
RT: 10.32 min Scan# 764

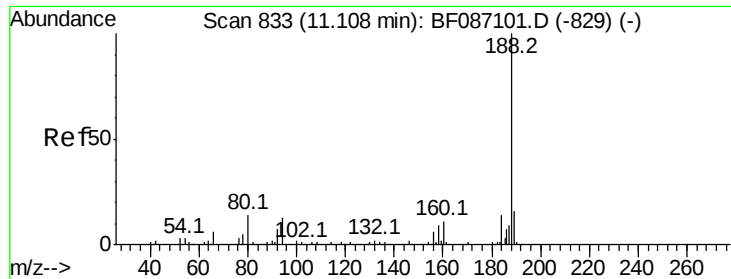
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	77	Resp:	819169
Ion Ratio	Lower	Upper	
77	100		
182	20.7	0.0	38.8
105	20.9	3.2	43.2
51	40.3	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

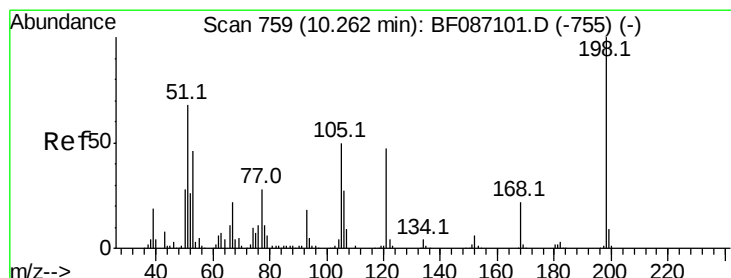
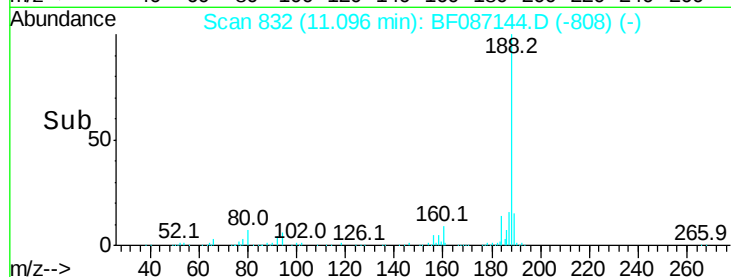
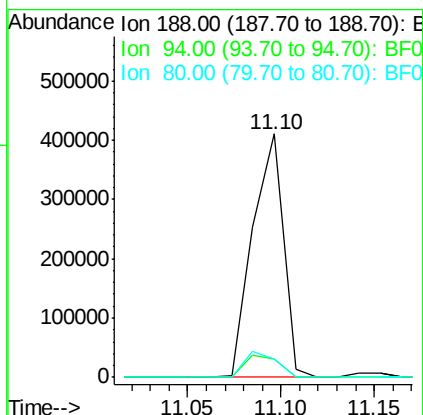
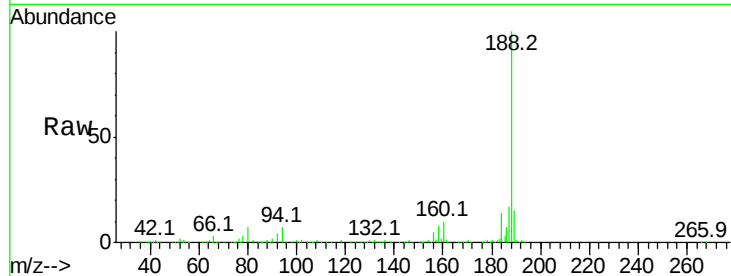
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	469795
Ion Ratio	Lower	Upper
188 100		
94 7.3	6.8	10.2
80 7.4	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.20 ng

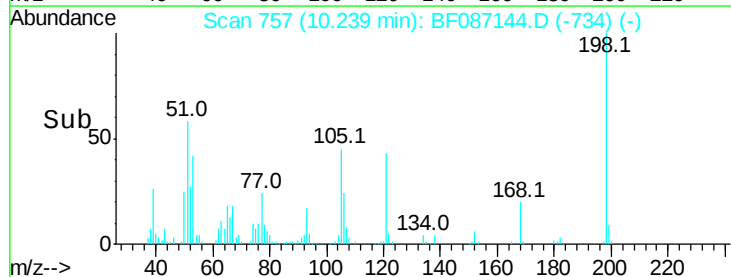
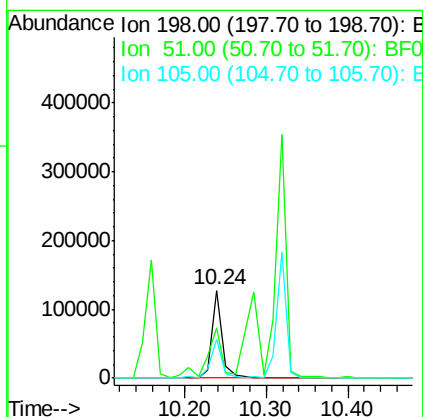
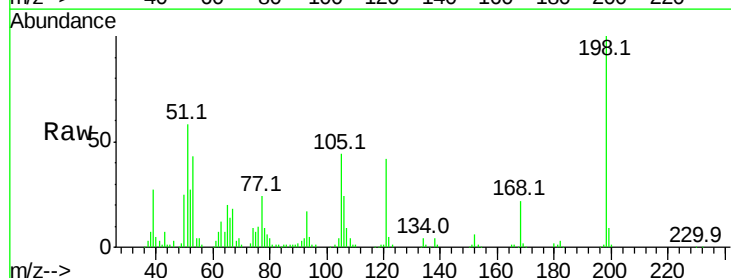
RT: 10.24 min Scan# 757

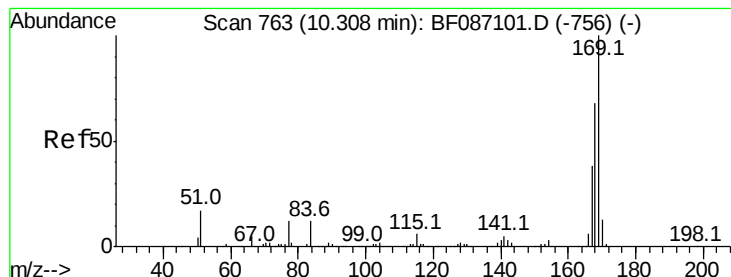
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:198	Resp:	118203
Ion Ratio	Lower	Upper
198 100		
51 57.8	20.5	60.5
105 44.5	24.5	64.5





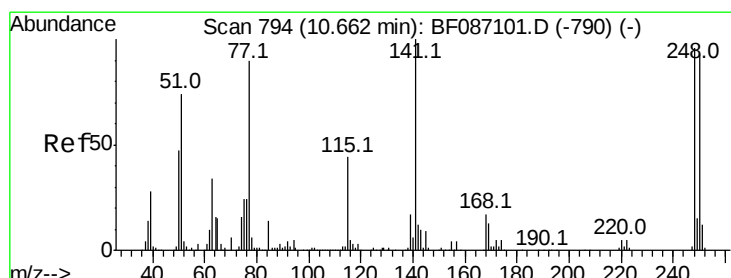
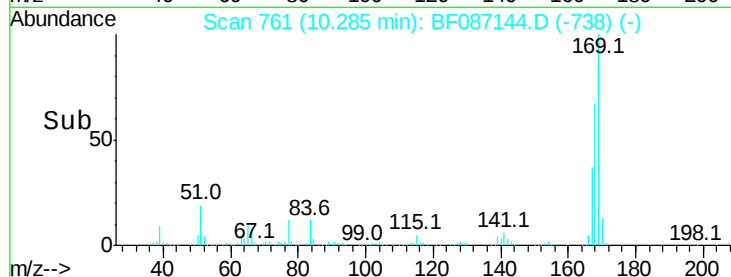
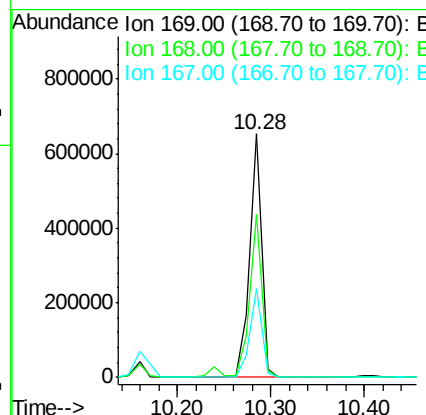
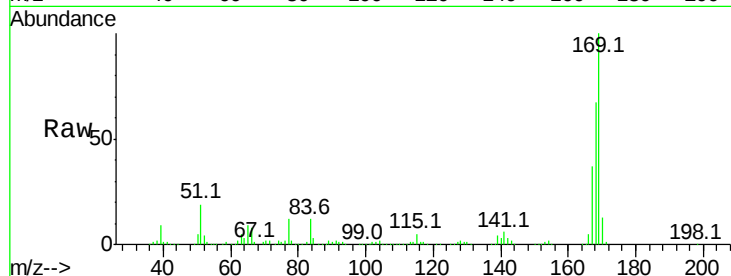
#65
 n-Nitrosodiphenylamine
 Concen: 39.68 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	586597		
168	66.7	53.8	80.6	
167	36.6	29.5	44.3	

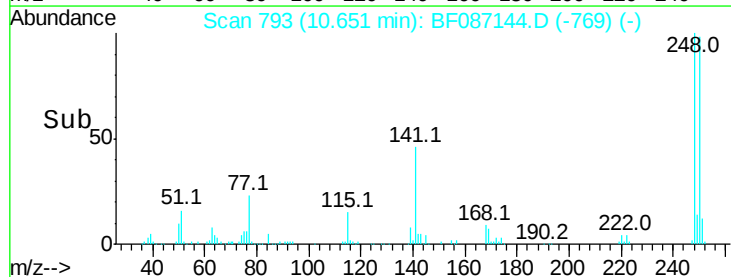
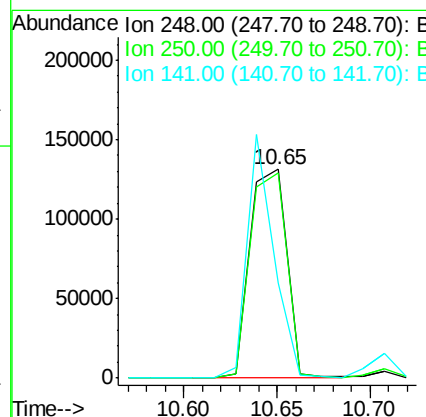
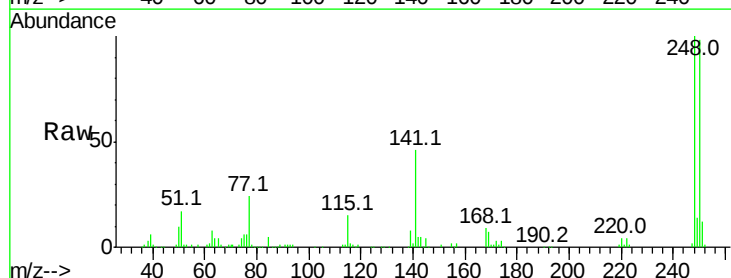
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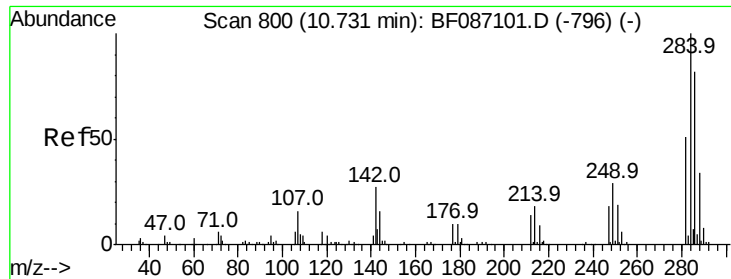
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#66
 4-Bromophenyl-phenylether
 Concen: 37.26 ng
 RT: 10.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	180024		
250	98.0	78.6	117.8	
141	45.5	76.0	114.0	





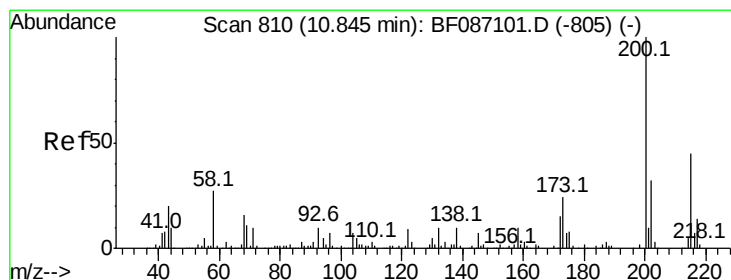
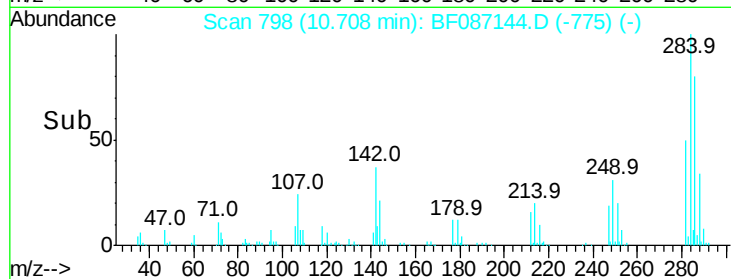
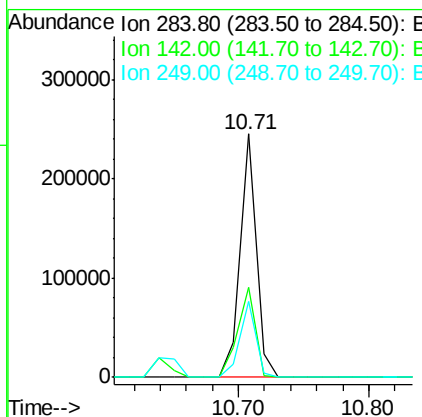
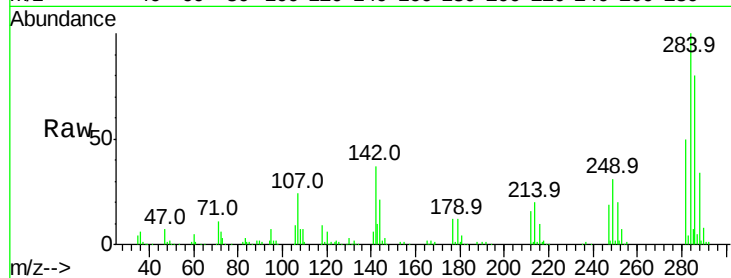
#67
Hexachlorobenzene
Concen: 37.58 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210478		
142	36.9	16.7	25.1#	
249	31.1	21.3	31.9	

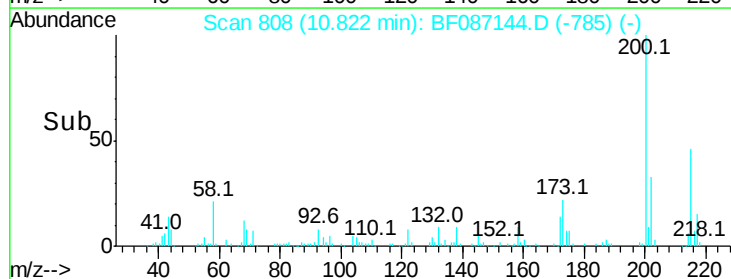
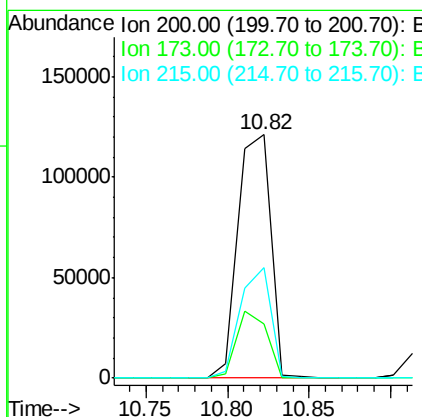
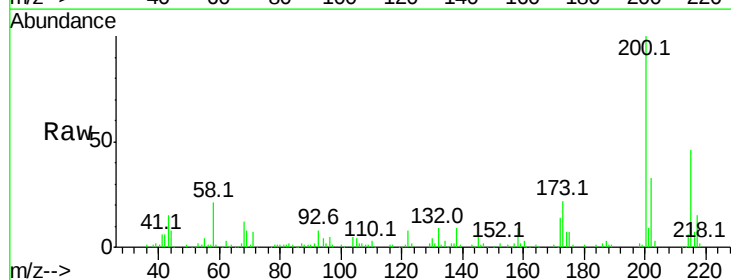
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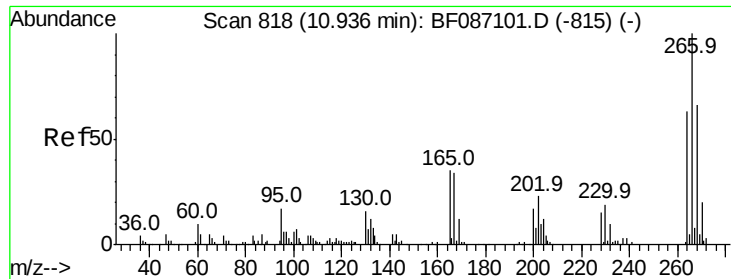
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#68
Atrazine
Concen: 34.88 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168214		
173	22.2	8.5	48.5	
215	45.6	27.2	67.2	





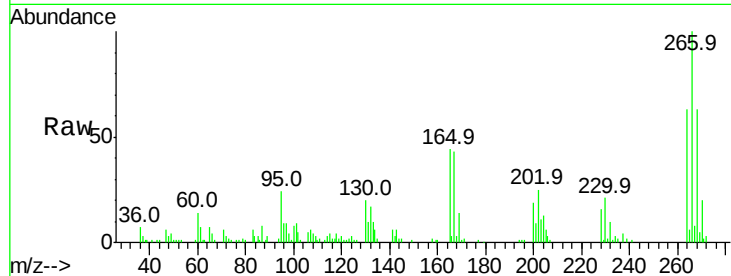
#69
 Pentachlorophenol
 Concen: 35.69 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

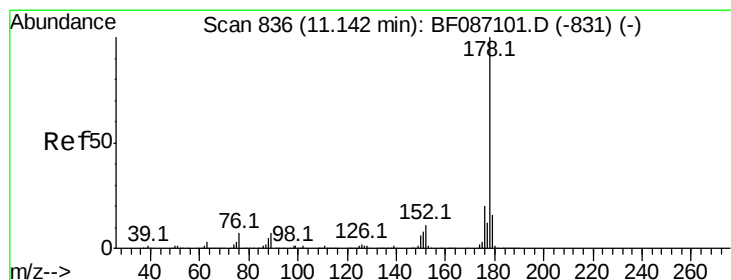
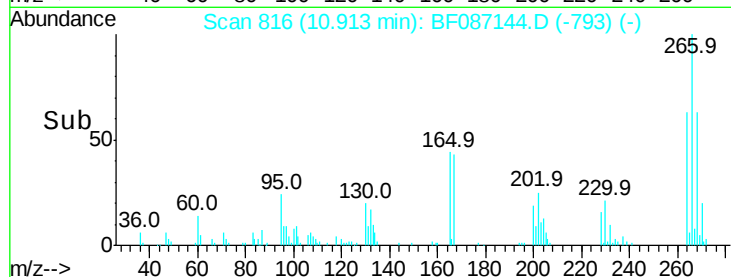
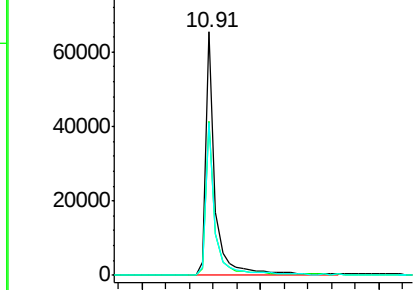
Tot Ion:	266	Resp:	75096
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.5	77.3
264	62.6	52.9	79.3

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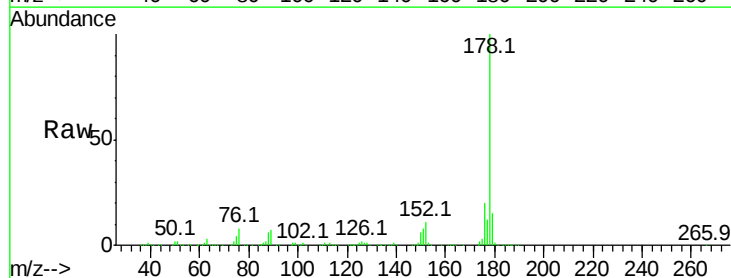


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

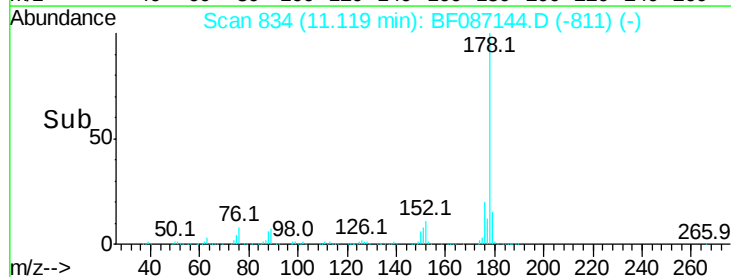
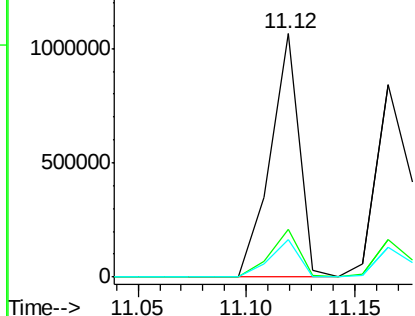


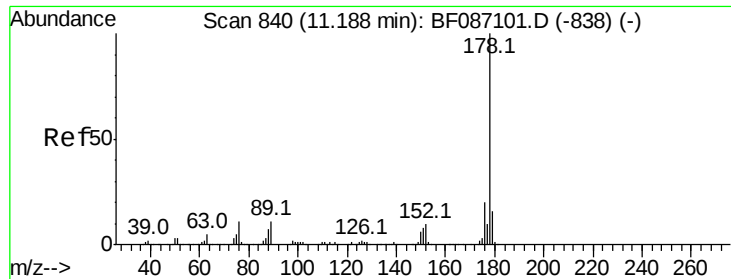
#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:	178	Resp:	999366
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.0	24.0
179	15.5	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: 35.97 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

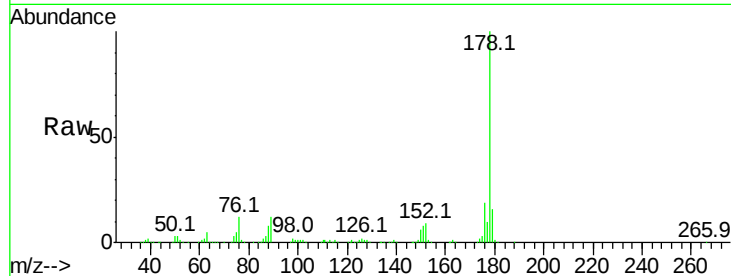
ClientSampleId :

SSTDCCC040

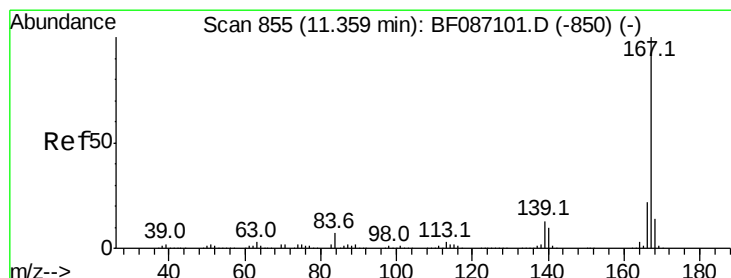
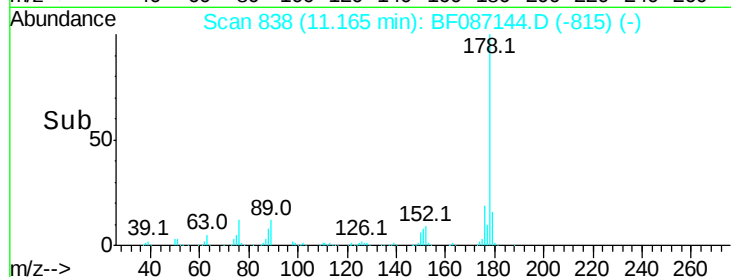
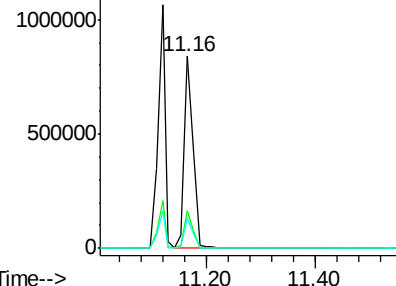
Tot Ion:	178	Resp:	927017
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	15.7	12.7	19.1

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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: 39.78 ng

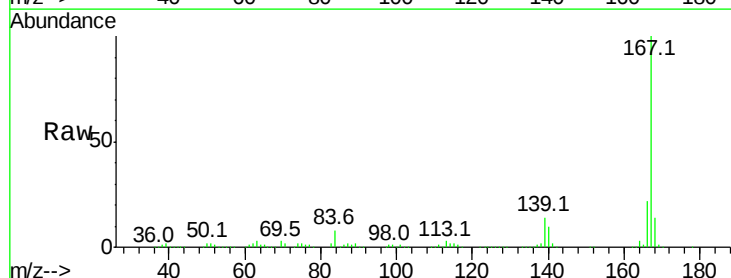
RT: 11.34 min Scan# 853

Delta R.T. -0.03 min

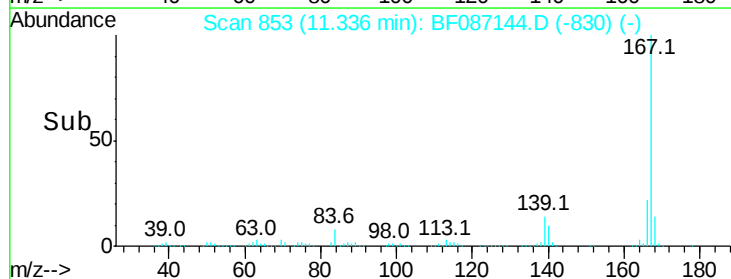
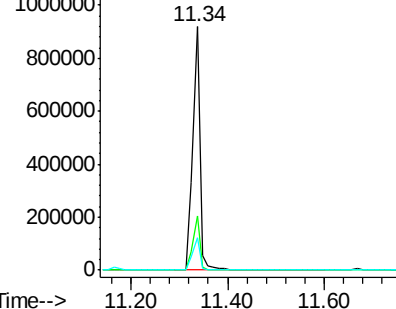
Lab File: BF087144.D

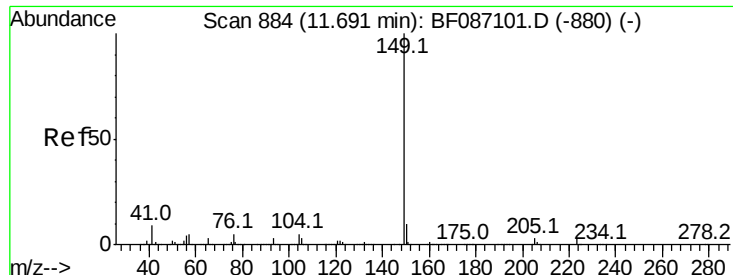
Acq: 18 May 2016 15:11

Tgt Ion:	167	Resp:	936567
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.7	26.5
139	13.6	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: 40.51 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1095524

Ion Ratio Lower Upper

149 100

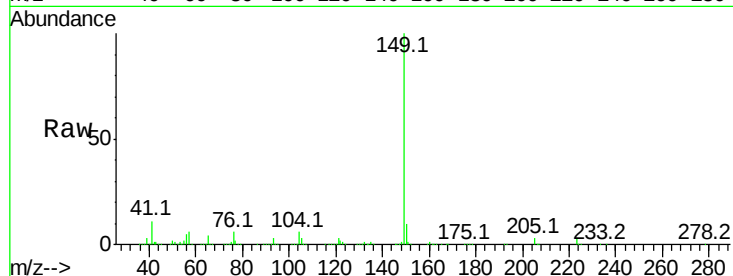
150 9.6 7.6 11.4

104 5.7 3.8 5.6#

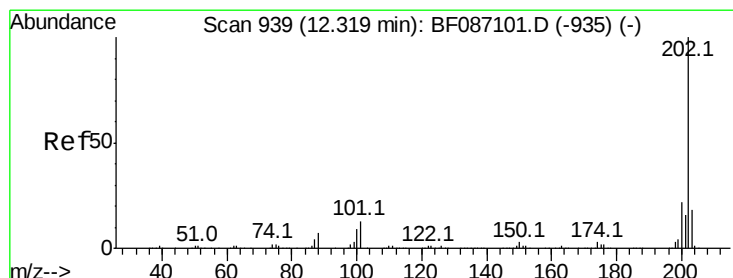
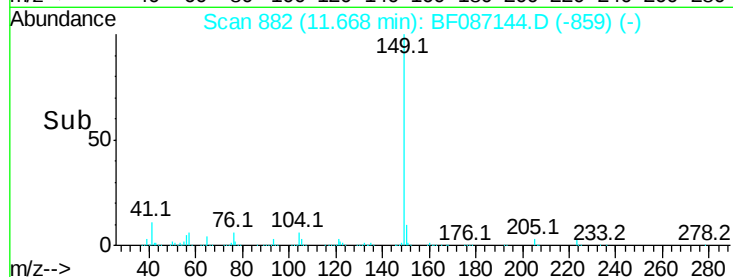
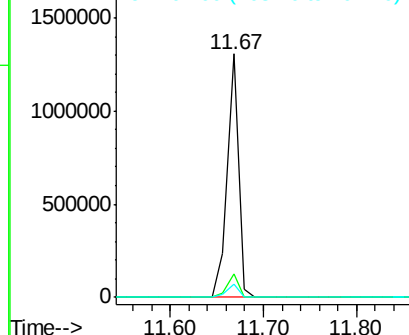
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.68 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

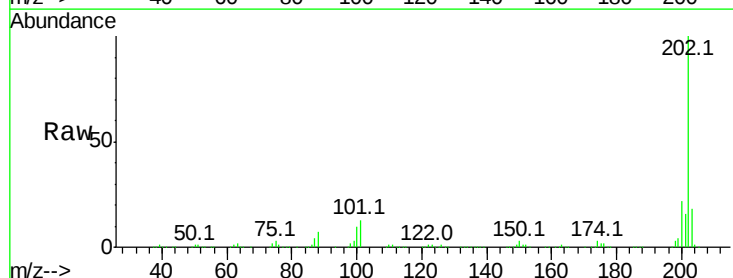
Tgt Ion:202 Resp: 961990

Ion Ratio Lower Upper

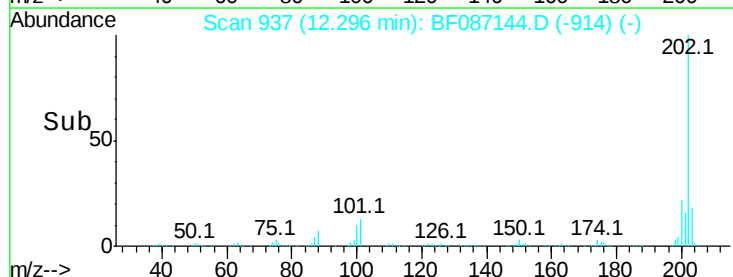
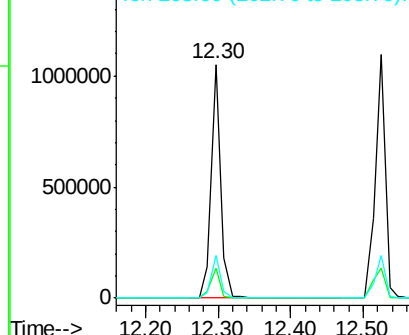
202 100

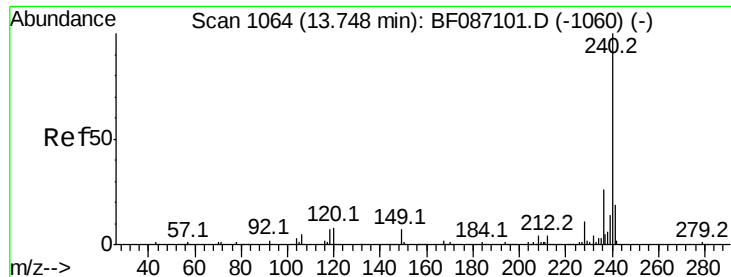
101 13.0 0.0 35.4

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

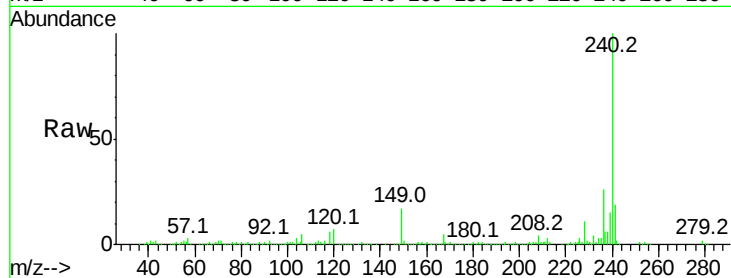
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.1	11.2	16.8	
236	26.4	21.2	31.8	

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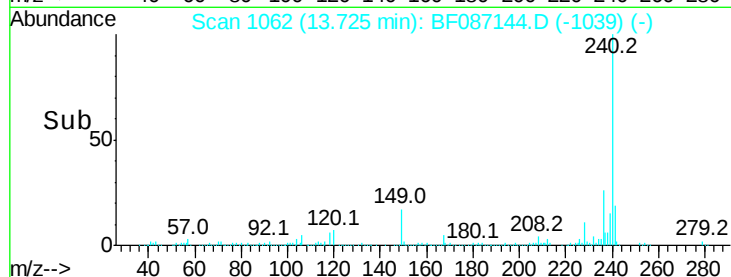


Abundance Ion 240.00 (239.70 to 240.70): E

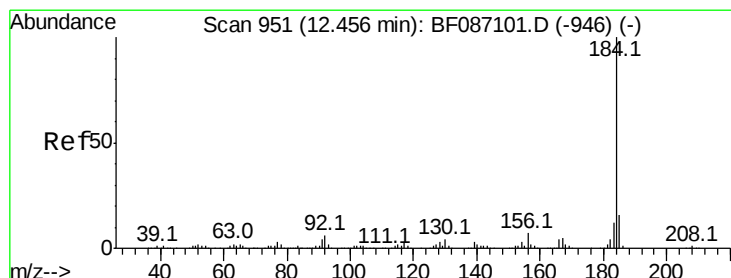
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.73



Time-->



#76

Benzidine

Concen: 30.46 ng

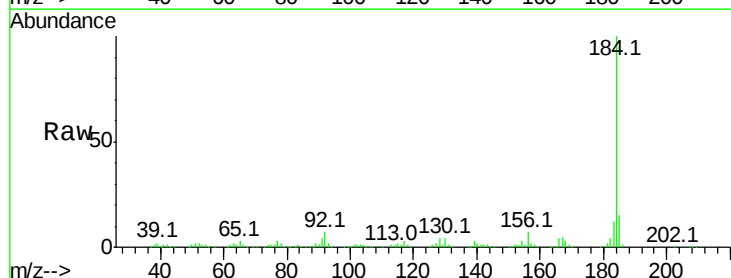
RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	13.6	20.4	
183	11.7	9.8	14.6	

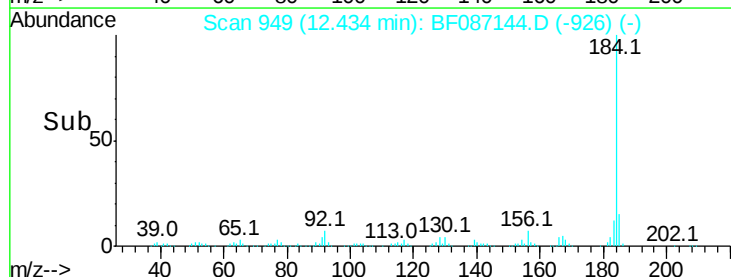


Abundance Ion 184.00 (183.70 to 184.70): E

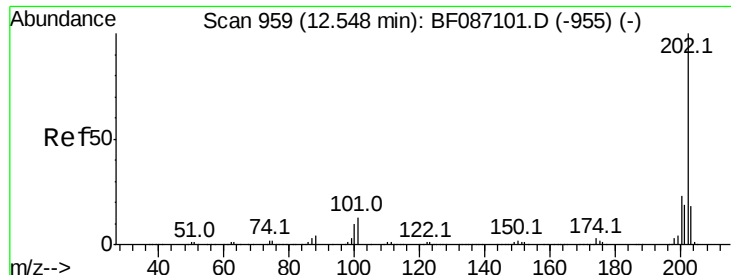
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.43



Time-->



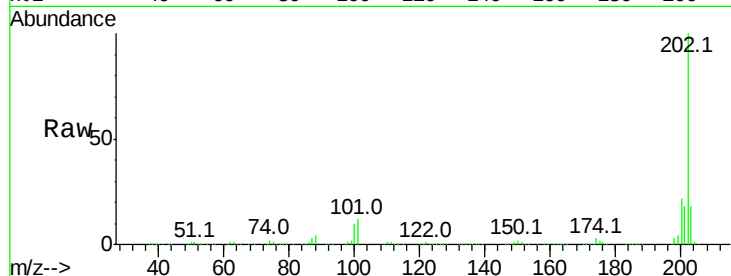
#77
Pvrene
Concen: 42.07 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

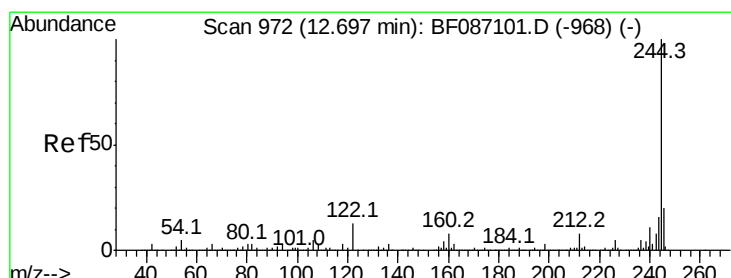
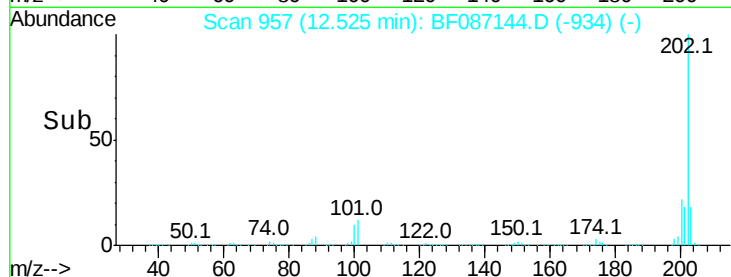
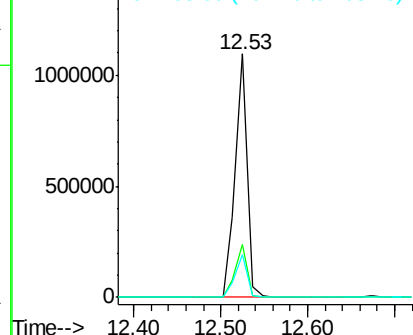
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.6	14.2	21.4

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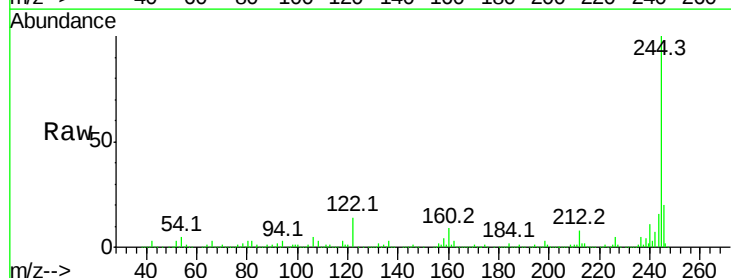


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

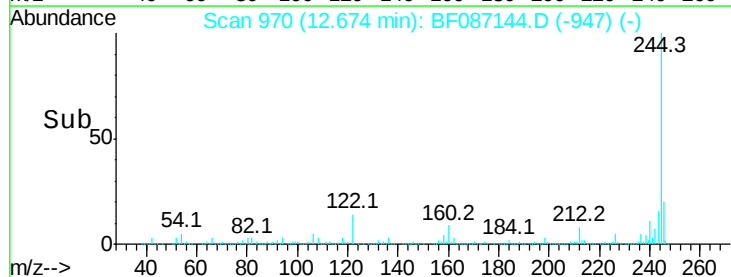
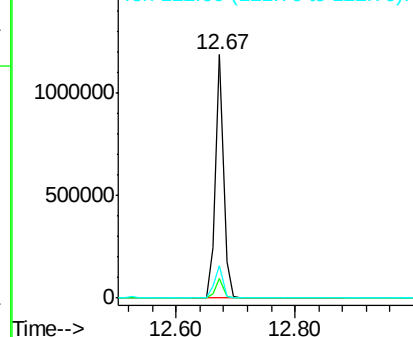


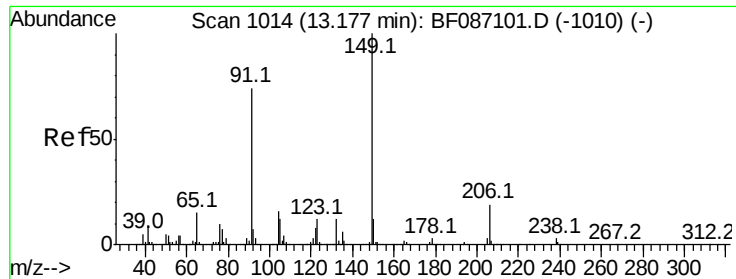
#78
Terphenyl-d14
Concen: 74.02 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.5	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.39 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

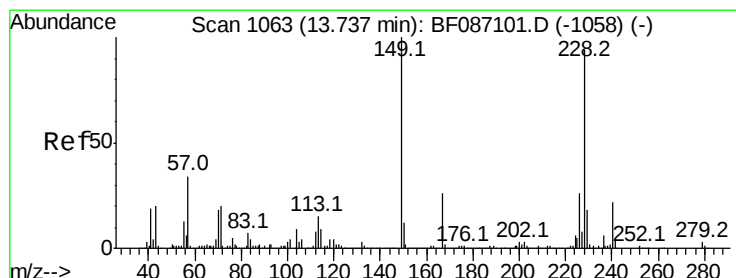
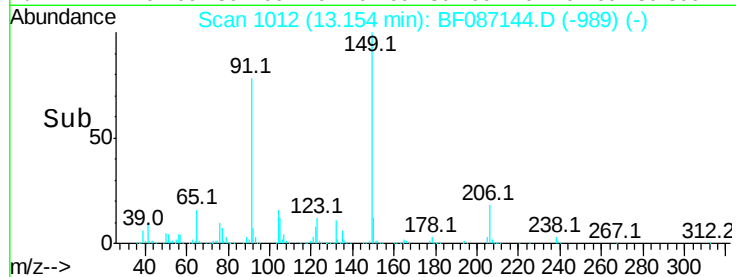
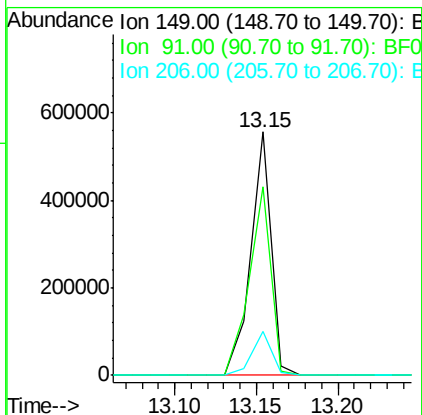
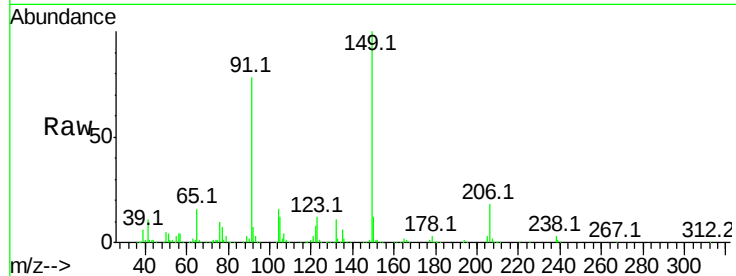
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	485268
Ion Ratio	Lower	Upper	
149	100		
91	77.6	48.0	72.0#
206	17.9	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 40.05 ng

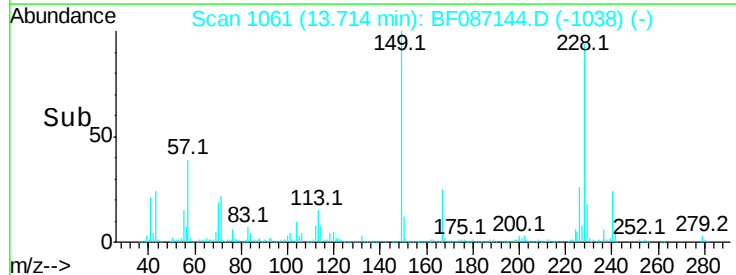
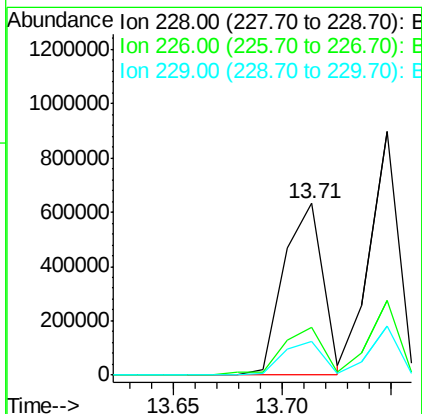
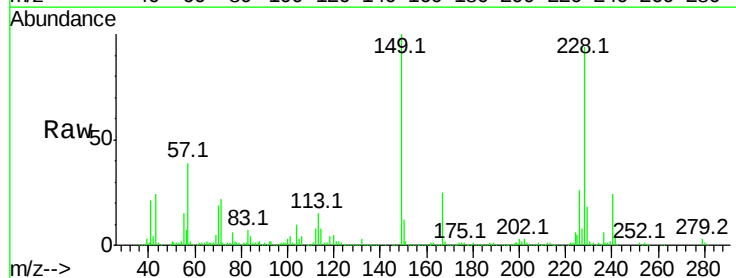
RT: 13.71 min Scan# 1061

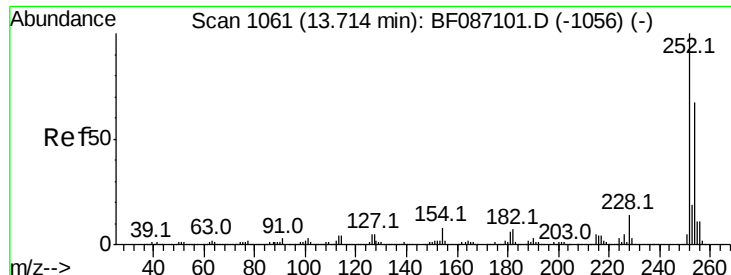
Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	228	Resp:	794390
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	19.7	16.6	25.0





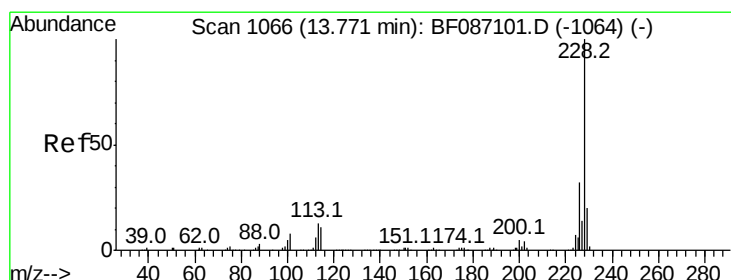
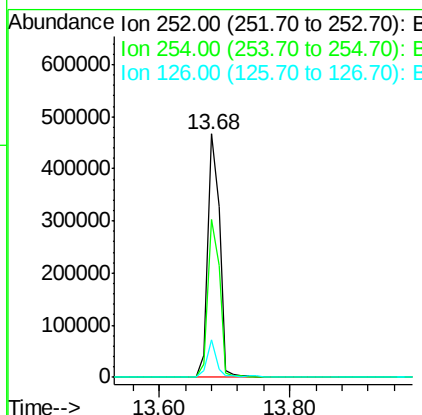
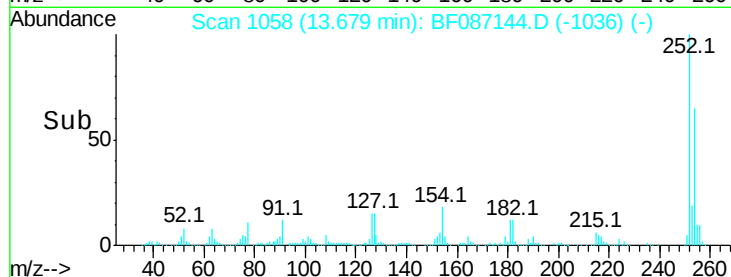
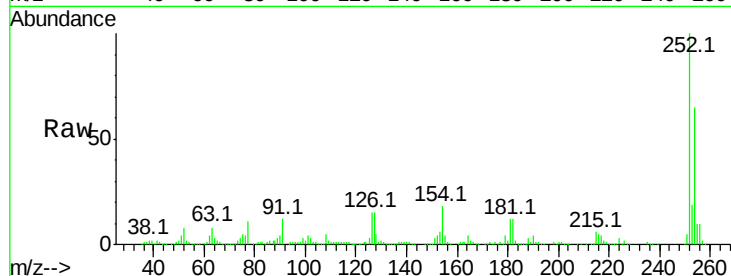
#81
 3,3'-Dichlorobenzidine
 Concen: 47.39 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	50.7	76.1
126	15.2	12.7	19.1

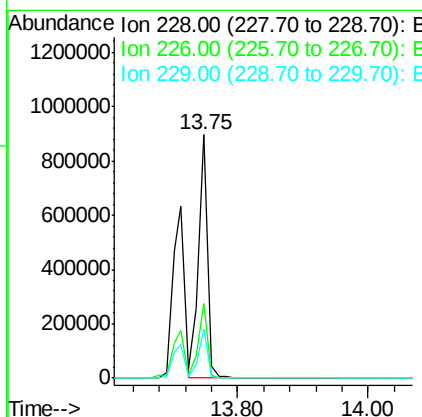
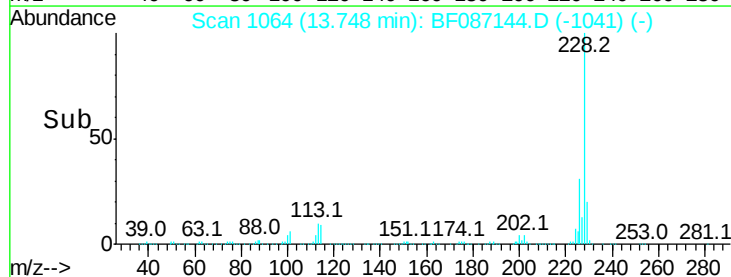
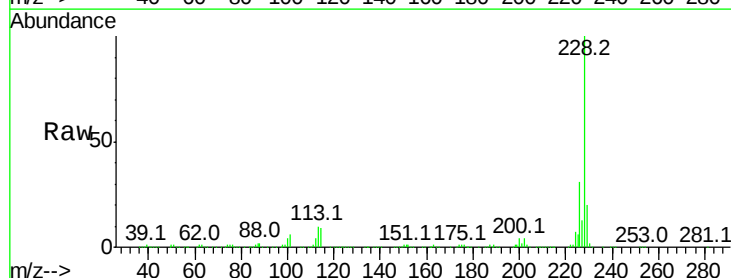
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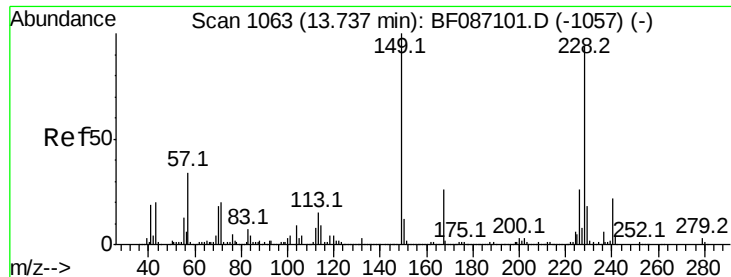
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#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.66 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 594113

Ion Ratio Lower Upper

149 100

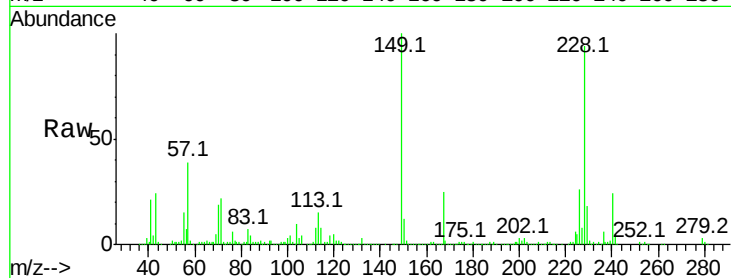
167 25.0 21.8 32.6

279 2.8 2.6 4.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

800000

600000

400000

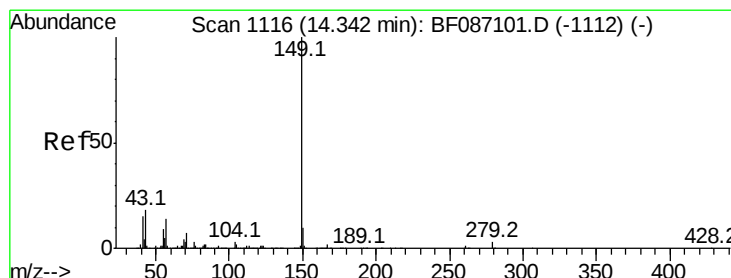
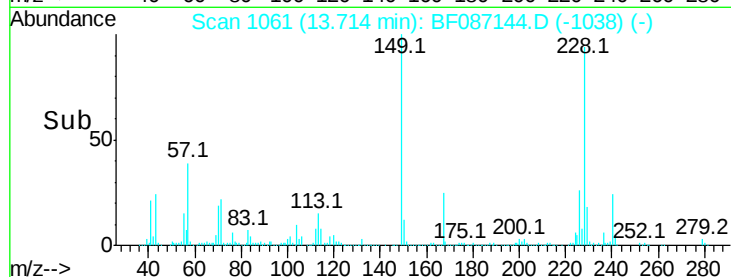
200000

0

13.60 13.70 13.80 13.90

13.71

Time-->



#84

Di-n-octyl phthalate

Concen: 44.74 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

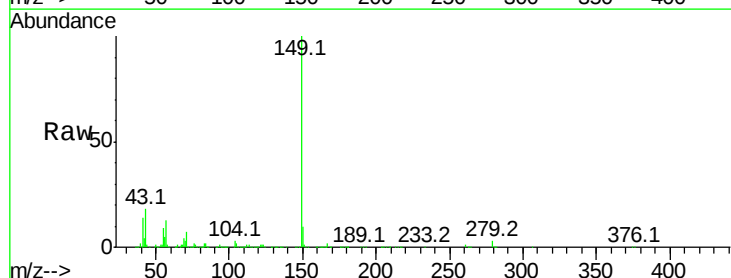
Tgt Ion:149 Resp: 981372

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 17.1 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1500000

1000000

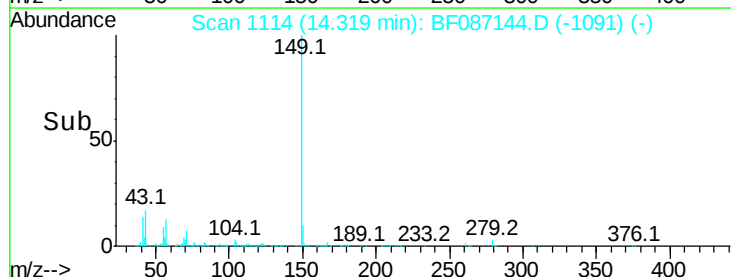
500000

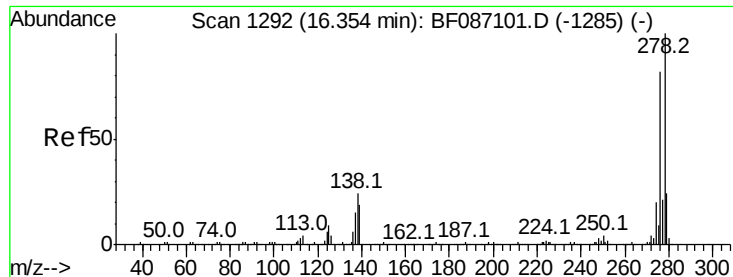
0

14.30 14.40

14.32

Time-->





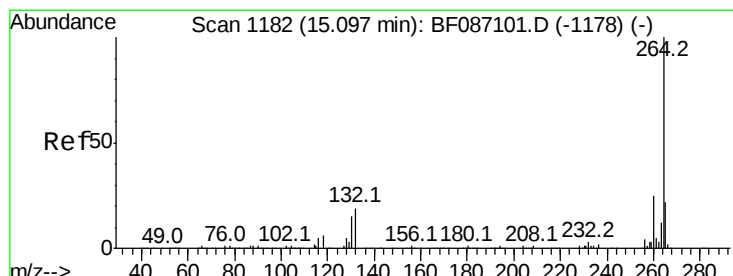
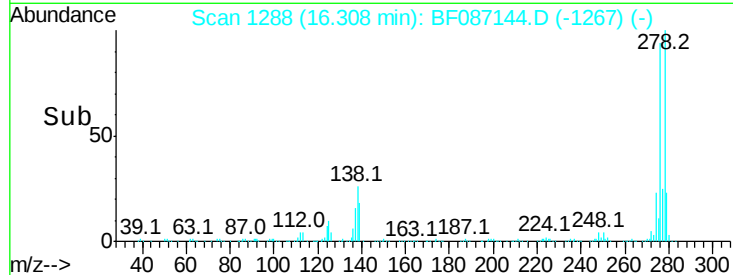
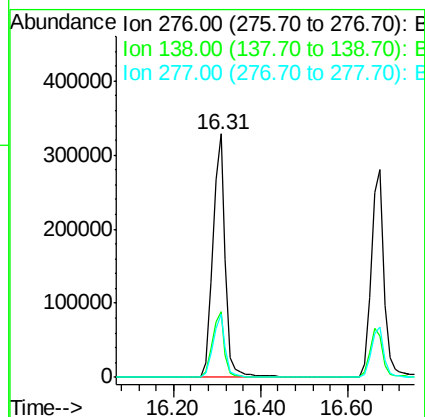
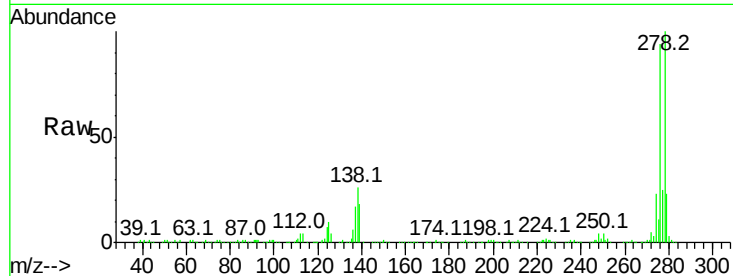
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.85 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	671238		
138	26.6	25.6	38.4	
277	25.4	20.5	30.7	

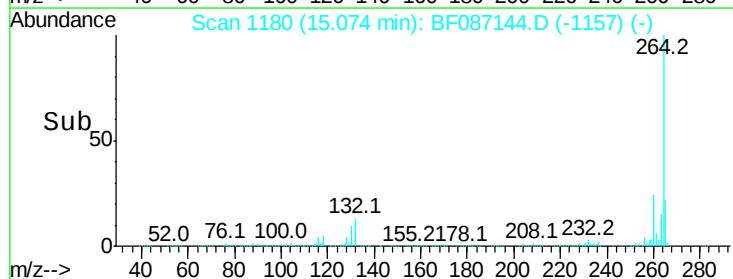
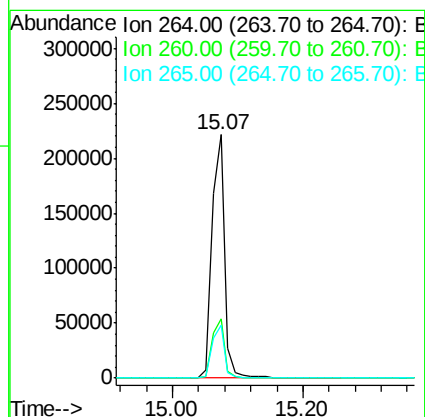
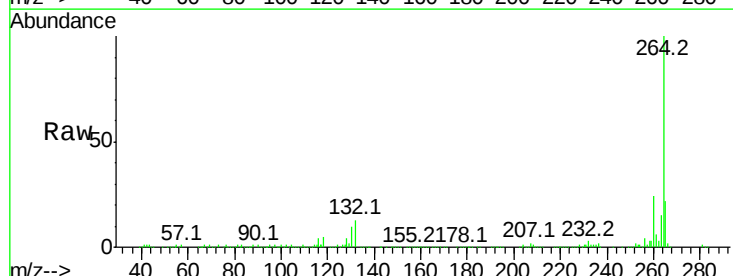
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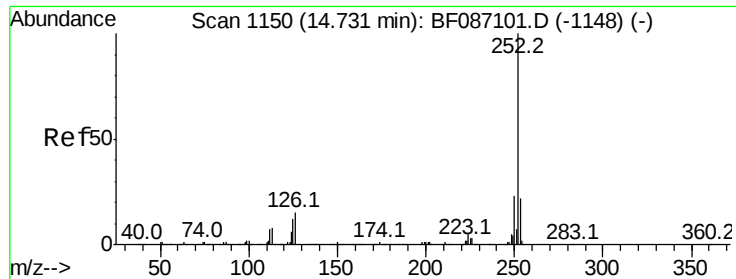
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	302585		
260	24.5	19.5	29.3	
265	21.8	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 34.99 ng m

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

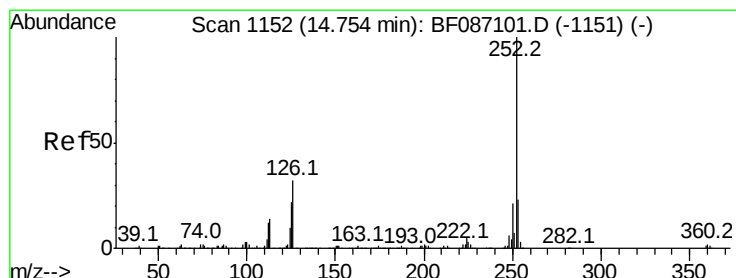
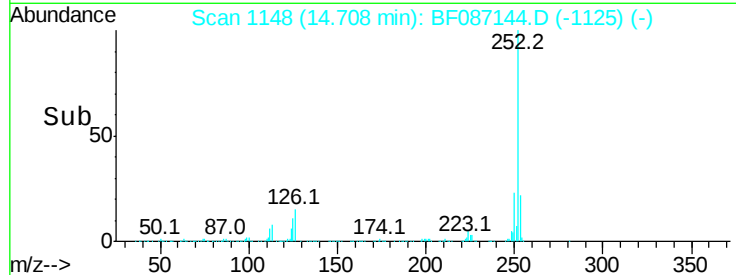
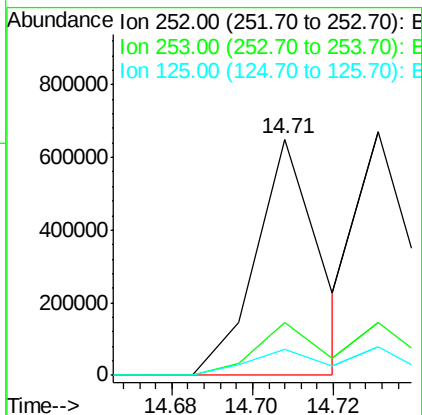
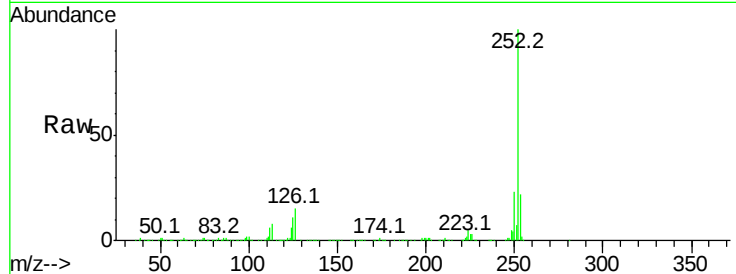
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	702420
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.0	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 43.45 ng m

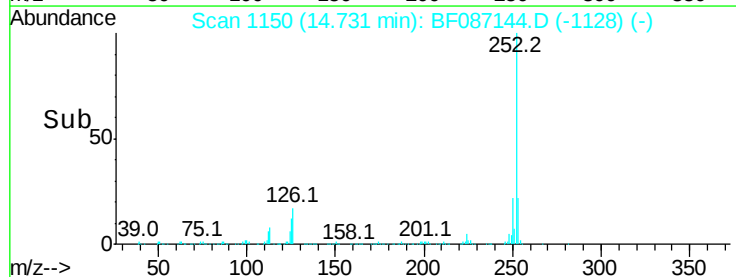
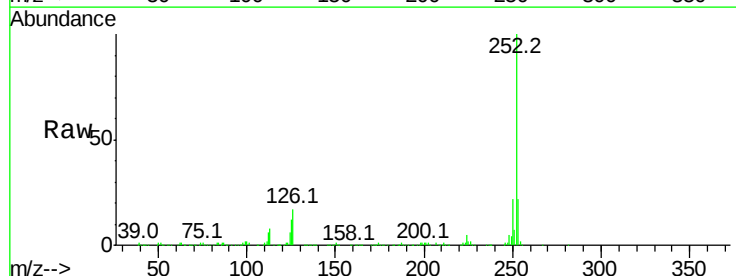
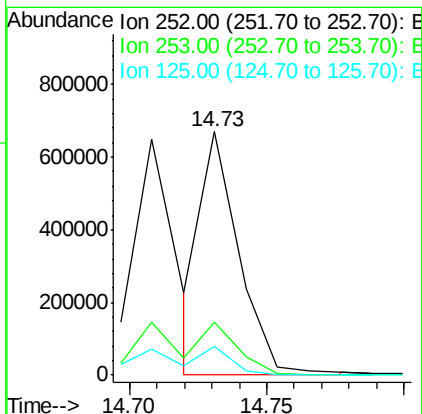
RT: 14.73 min Scan# 1150

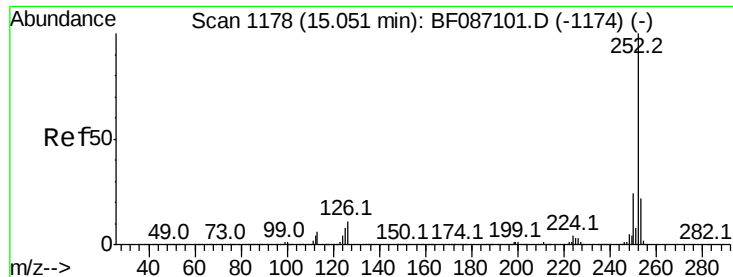
Delta R.T. -0.05 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:	252	Resp:	649307
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	11.7	9.1	13.7





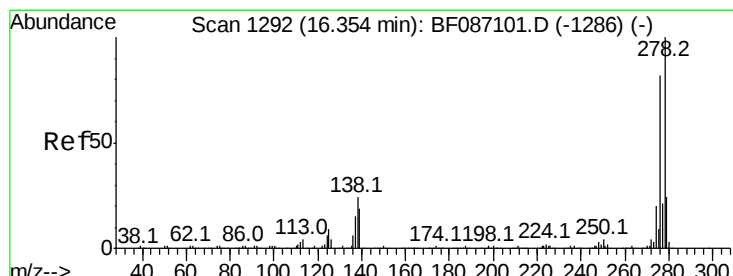
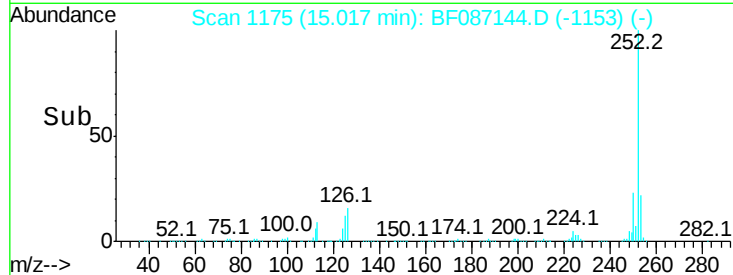
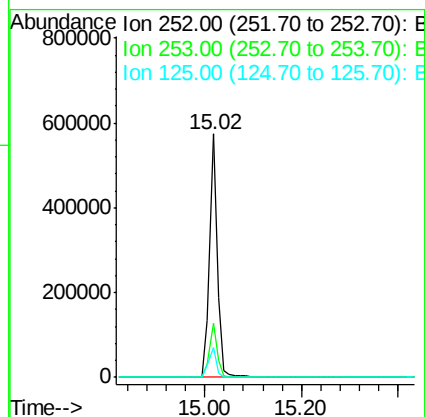
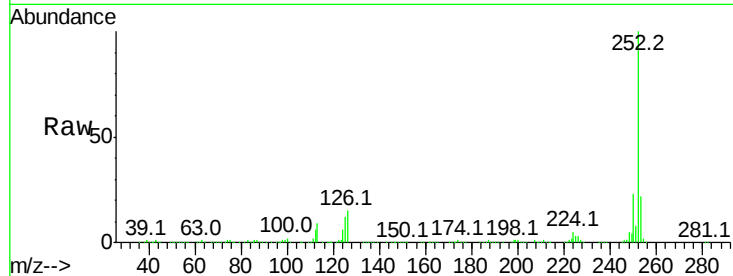
#89
Benzo(a)pyrene
Concen: 38.39 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	644114
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	12.3	9.0	13.6

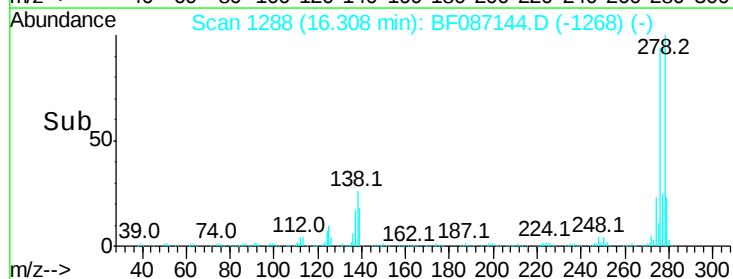
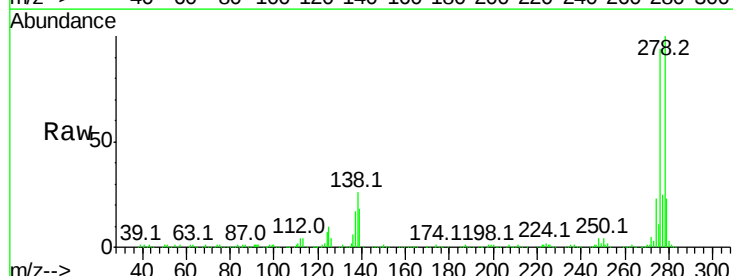
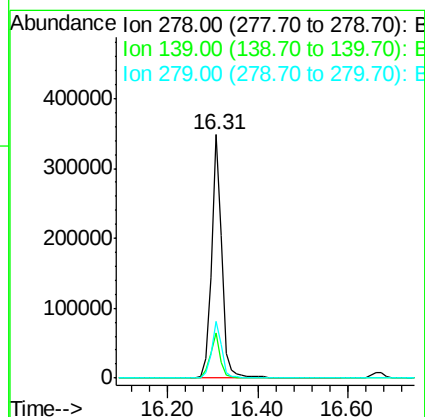
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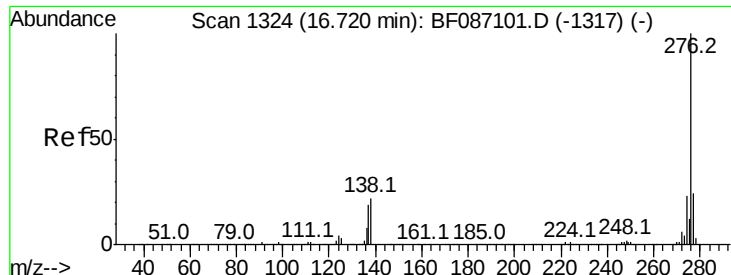
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#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:	278	Resp:	554998
Ion Ratio	Lower	Upper	
278	100		
139	18.3	16.6	24.8
279	23.3	19.6	29.4





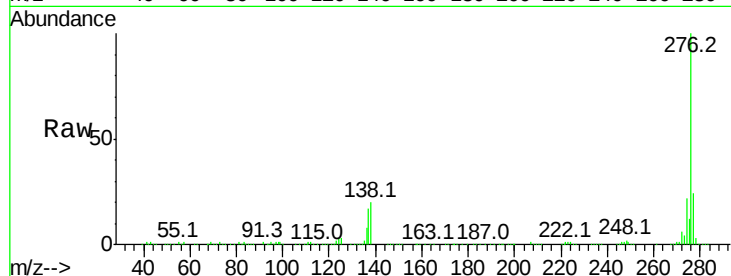
#91
 Benzo(a,h,i)perylene
 Concen: 39.50 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. -0.07 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

