

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086659.D
 Acq On : 3 May 2016 23:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/4/2016 6:53:49 PM

Quant Time: May 04 05:29:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189377	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	750665	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	296571	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	432394	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	382133	20.00	ng	-0.06
86) Perylene-d12	15.30	264	332212	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	968021	88.17	ng	-0.04
7) Phenol-d6	6.40	99	1221155	79.69	ng	-0.05
23) Nitrobenzene-d5	7.33	82	1229250	88.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.58	330	196480	62.82	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1627922	99.54	ng	-0.06
78) Terphenyl-d14	12.85	244	1136071	65.50	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	241409	41.86	ng	# 76
3) Pyridine	2.97	79	545374	39.95	ng	# 73
4) n-Nitrosodimethylamine	2.92	42	379217	48.74	ng	# 55
6) Aniline	6.42	93	751367	40.52	ng	# 81
8) 2-Chlorophenol	6.54	128	525937	38.46	ng	93
9) Benzaldehyde	6.29	77	308581	34.61	ng	96
10) Phenol	6.41	94	620027	36.27	ng	# 41
11) bis(2-Chloroethyl)ether	6.50	93	627290	42.44	ng	93
12) 1,3-Dichlorobenzene	6.69	146	575155	39.10	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	613261	40.41	ng	95
14) 1,2-Dichlorobenzene	6.92	146	507072	36.43	ng	94
15) Benzyl Alcohol	6.90	79	392725	40.51	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1171738	39.61	ng	91
17) 2-Methylphenol	7.02	107	449740	40.69	ng	# 92
18) Hexachloroethane	7.26	117	189718	33.45	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	427694	42.23	ng	# 76
20) 3+4-Methylphenols	7.18	107	511533	40.53	ng	# 63
22) Acetophenone	7.17	105	706165	42.90	ng	# 91
24) Nitrobenzene	7.34	77	613942	42.86	ng	97
25) Isophorone	7.58	82	1055238	39.37	ng	99
26) 2-Nitrophenol	7.66	139	227414	34.48	ng	94
27) 2,4-Dimethylphenol	7.71	122	501410	43.32	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	639034	43.76	ng	98
29) 2,4-Dichlorophenol	7.90	162	395699	40.52	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	447742	39.52	ng	96
31) Naphthalene	8.06	128	1407042	36.84	ng	98
32) Benzoic acid	7.82	122	123177	23.14	ng	# 85
33) 4-Chloroaniline	8.12	127	604619	42.27	ng	99
34) Hexachlorobutadiene	8.18	225	252435	39.75	ng	97
35) Caprolactam	8.50	113	118760	36.46	ng	# 55
36) 4-Chloro-3-methylphenol	8.60	107	407929	36.49	ng	88
37) 2-Methylnaphthalene	8.75	142	834916	37.04	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	392414	46.23	ng	99
40) Hexachlorocyclopentadiene	8.91	237	32888	7.80	ng	93

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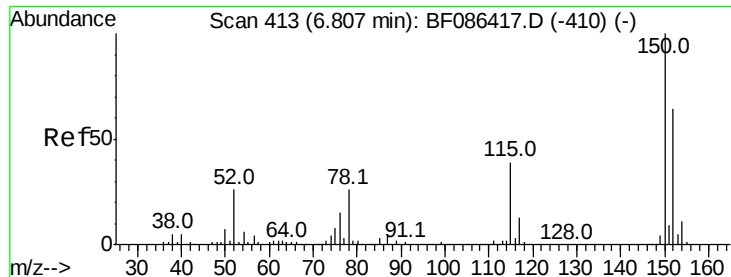
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	233412	43.50	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	231711	39.62	nq	95
45) 1,1'-Biphenyl	9.22	154	1023953	41.31	nq	96
46) 2-Chloronaphthalene	9.24	162	775208	41.13	nq	94
47) 2-Nitroaniline	9.34	65	316448	52.36	nq	89
48) Acenaphthylene	9.65	152	1126398	38.23	nq	99
49) Dimethylphthalate	9.53	163	1044327	46.77	nq	100
50) 2,6-Dinitrotoluene	9.58	165	184029	39.90	nq	# 84
51) Acenaphthene	9.82	154	688204	36.37	nq	99
52) 3-Nitroaniline	9.76	138	230982	44.03	nq	98
53) 2,4-Dinitrophenol	9.87	184	4000	9.26	nq	# 1
54) Dibenzofuran	10.00	168	896818	37.92	nq	95
55) 4-Nitrophenol	9.92	139	99403	28.94	nq	# 60
56) 2,4-Dinitrotoluene	9.98	165	213033	36.23	nq	94
57) Fluorene	10.34	166	717670	34.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	155712m	34.05	nq	
59) Diethylphthalate	10.22	149	942820	44.61	nq	96
60) 4-Chlorophenyl-phenylether	10.34	204	381612	40.93	nq	# 82
61) 4-Nitroaniline	10.36	138	210987	41.15	nq	# 74
62) Azobenzene	10.49	77	902471	38.98	nq	83
64) 4,6-Dinitro-2-methylphenol	10.40	198	10847	4.27	nq	# 65
65) n-Nitrosodiphenylamine	10.45	169	636290	47.08	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	207433	46.56	nq	92
67) Hexachlorobenzene	10.89	284	225471	43.72	nq	# 89
68) Atrazine	10.98	200	168221	41.45	nq	94
69) Pentachlorophenol	11.08	266	105777	38.90	nq	98
70) Phenanthrene	11.30	178	980065	43.19	nq	100
71) Anthracene	11.34	178	1008193	41.63	nq	100
72) Carbazole	11.50	167	859838	40.06	nq	99
73) Di-n-butylphthalate	11.85	149	1155533	47.52	nq	99
74) Fluoranthene	12.48	202	894743	39.06	nq	99
76) Benzidine	12.61	184	498068	37.93	nq	97
77) Pyrene	12.70	202	928779	33.73	nq	100
79) Butylbenzylphthalate	13.33	149	459703	38.55	nq	# 81
80) Benzo(a)anthracene	13.89	228	813377	39.92	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	555248	40.77	nq	99
82) Chrysene	13.93	228	816917	36.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	582063	39.32	nq	# 96
84) Di-n-octyl phthalate	14.51	149	1129391	48.72	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.63	276	691793	42.16	nq	96
87) Benzo(b)fluoranthene	14.91	252	883575m	45.21	nq	
88) Benzo(k)fluoranthene	14.93	252	697197m	34.20	nq	
89) Benzo(a)pyrene	15.24	252	737793	39.99	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	593214	39.29	nq	99
91) Benzo(g,h,i)perylene	17.03	276	547819	36.20	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

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Acq: 3 May 2016 23:28

Instrument :

BNA_F

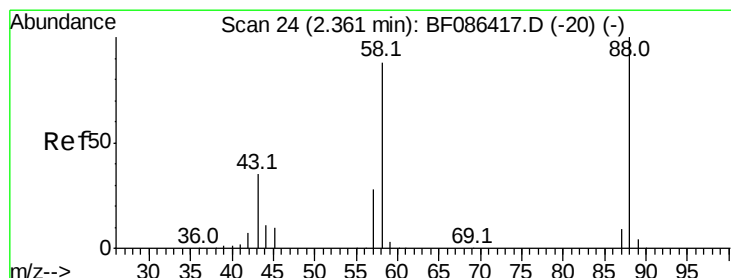
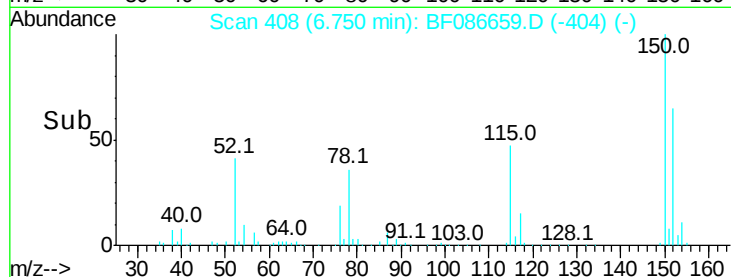
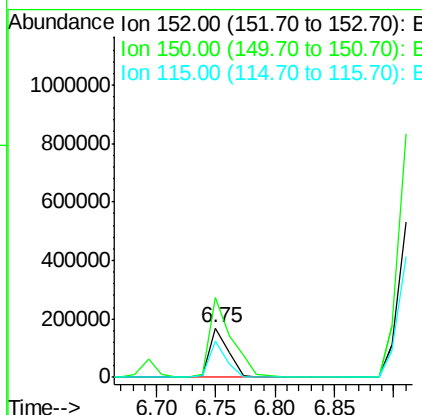
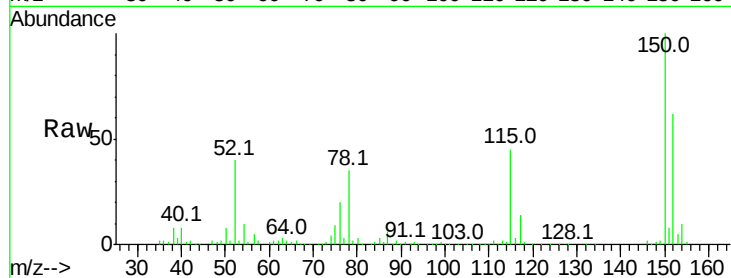
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	189377
Ion Ratio	Lower	Upper	
152	100		
150	160.4	125.8	188.6
115	72.3	51.5	77.3

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#2

1,4-Dioxane

Concen: 41.86 ng

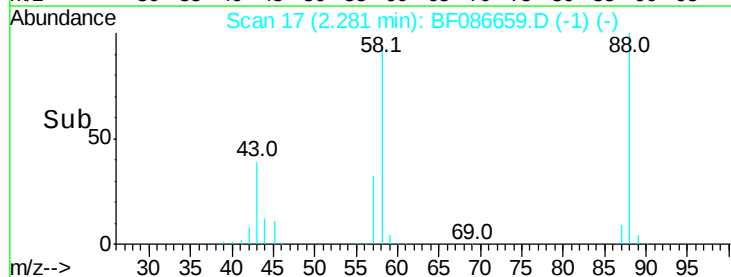
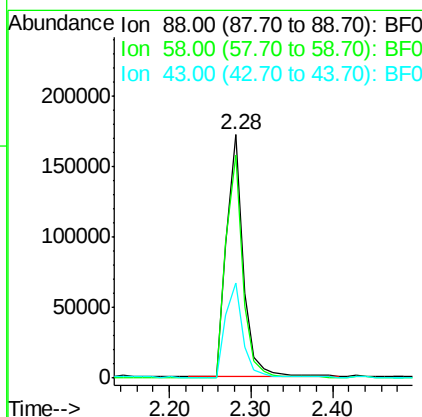
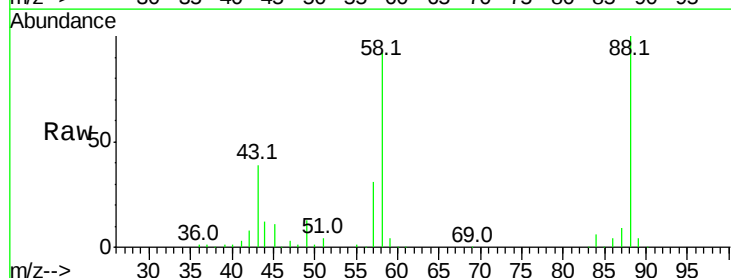
RT: 2.28 min Scan# 17

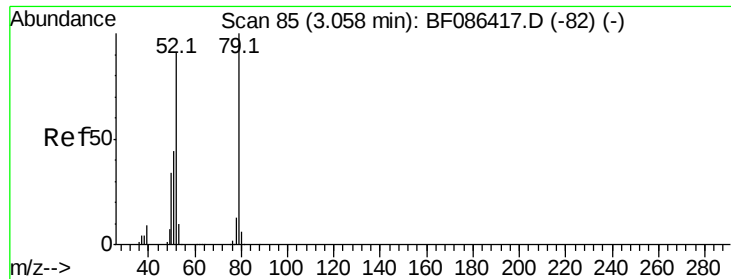
Delta R.T. -0.08 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	88	Resp:	241409
Ion Ratio	Lower	Upper	
88	100		
58	94.2	59.6	89.4#
43	40.5	21.8	32.6#





#3

Pvridine

Concen: 39.95 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

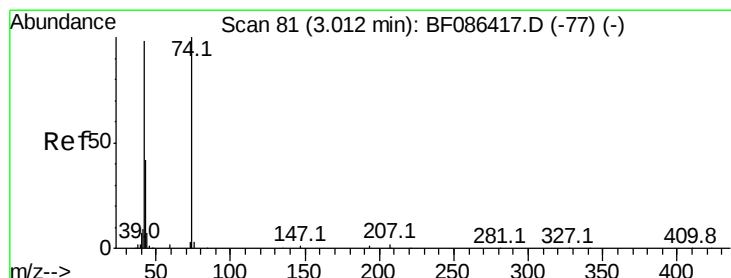
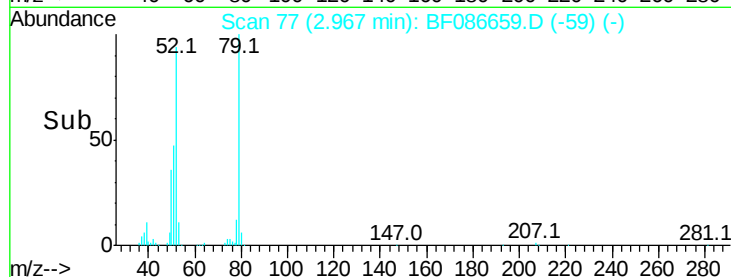
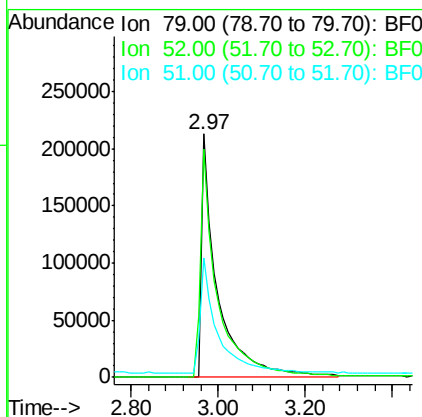
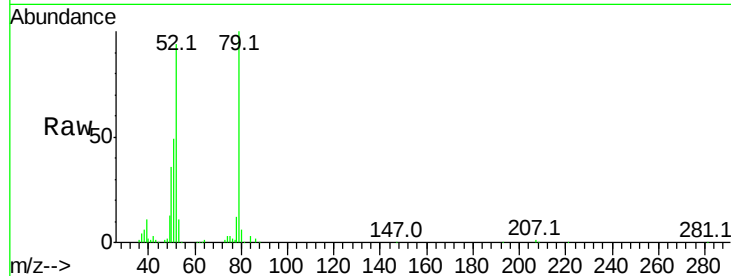
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	93.7	55.9	83.9#		
51	49.1	28.1	42.1#		

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#4

n-Nitrosodimethylamine

Concen: 48.74 ng

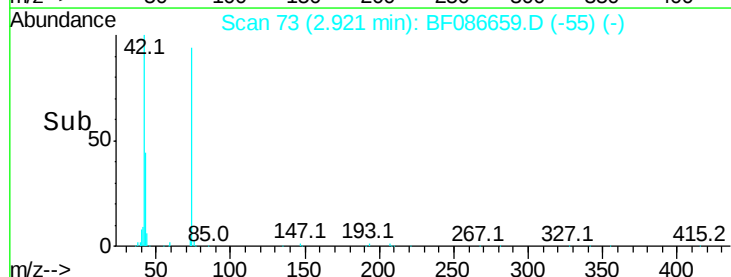
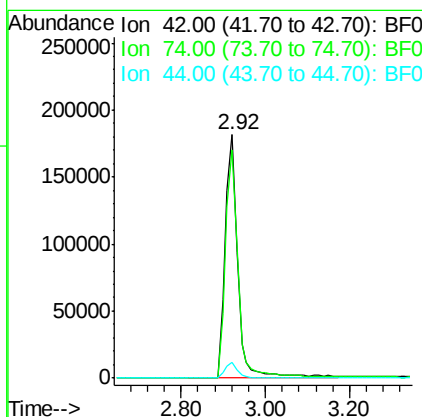
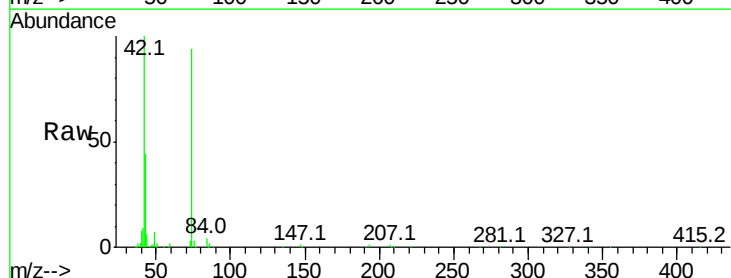
RT: 2.92 min Scan# 73

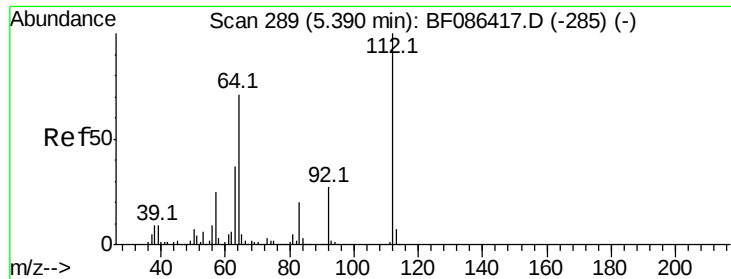
Delta R.T. -0.09 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	93.8	123.4	185.0#		
44	6.4	5.8	8.6		





#5

2-Fluorophenol

Concen: 88.17 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

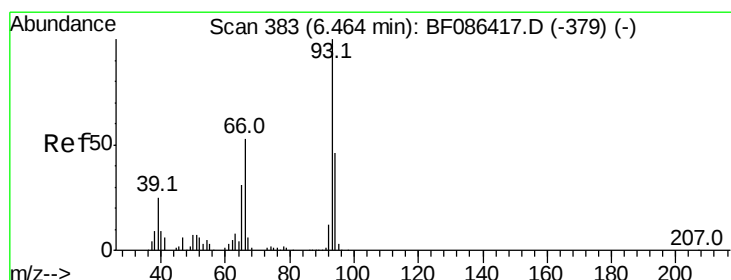
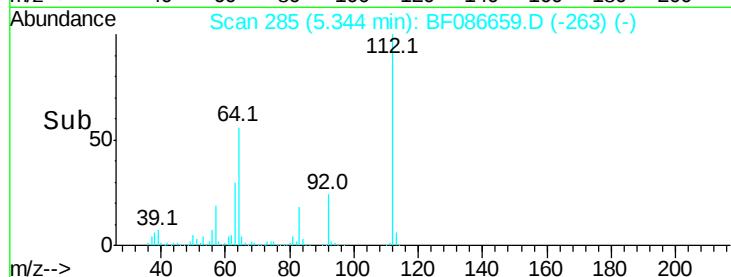
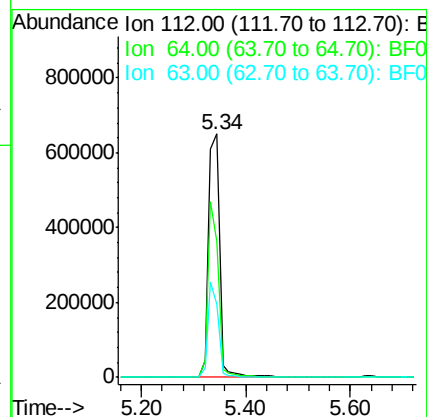
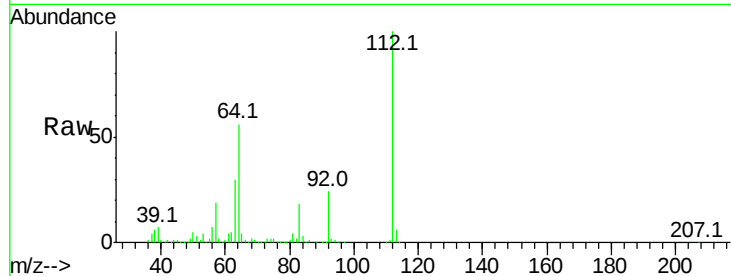
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	968021
Ion Ratio	Lower	Upper	
112	100		
64	55.9	52.1	78.1
63	30.0	25.7	38.5

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#6

Aniline

Concen: 40.52 ng

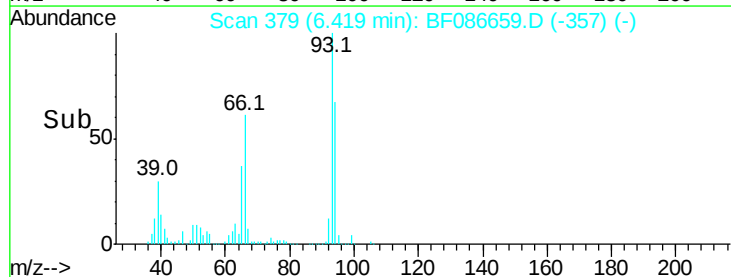
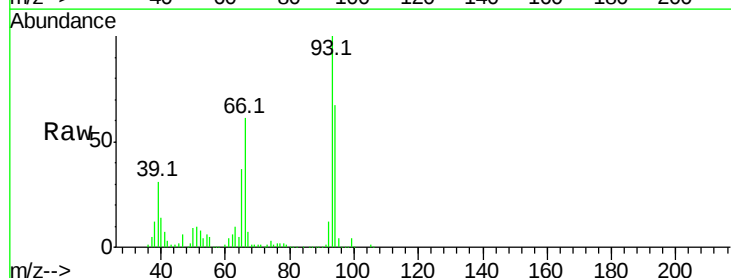
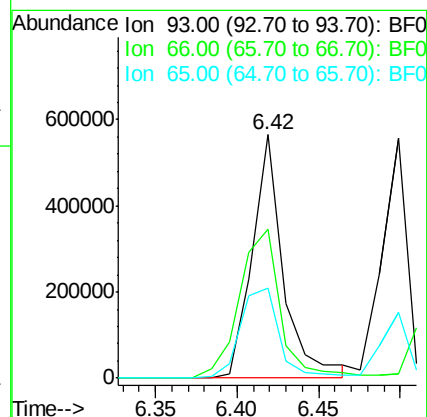
RT: 6.42 min Scan# 379

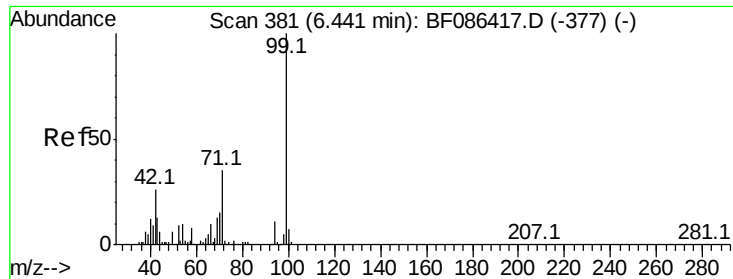
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	93	Resp:	751367
Ion Ratio	Lower	Upper	
93	100		
66	60.9	39.0	58.6#
65	37.0	20.6	31.0#





#7

Phenol-d6

Concen: 79.69 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1221155

Ion Ratio Lower Upper

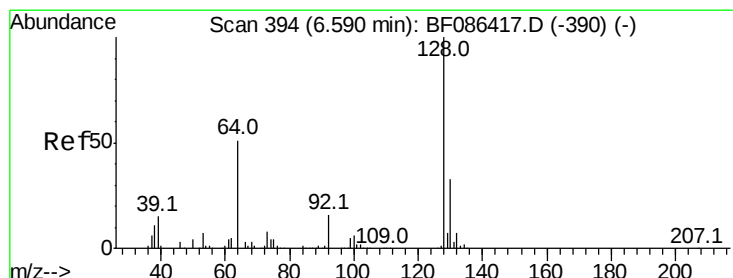
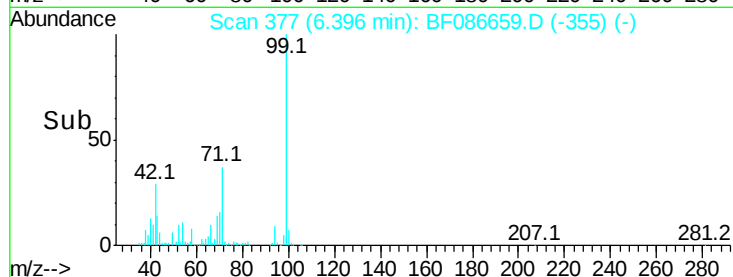
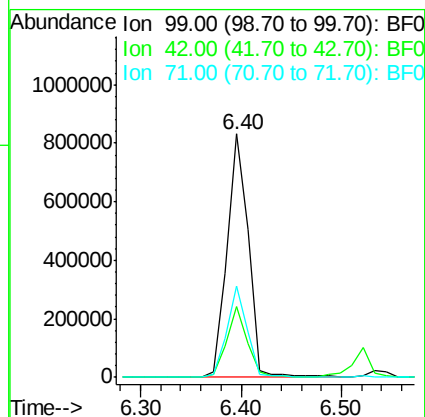
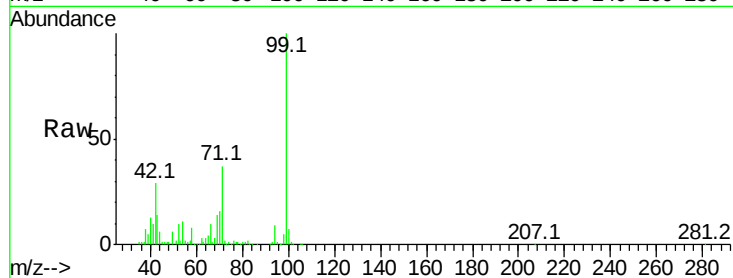
99 100

42 29.3 13.6 20.4#

71 37.4 24.6 36.8#

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#8

2-Chlorophenol

Concen: 38.46 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

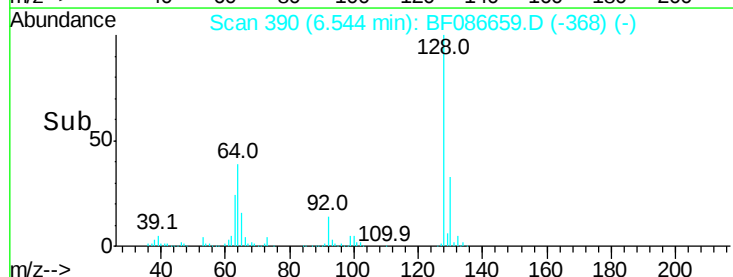
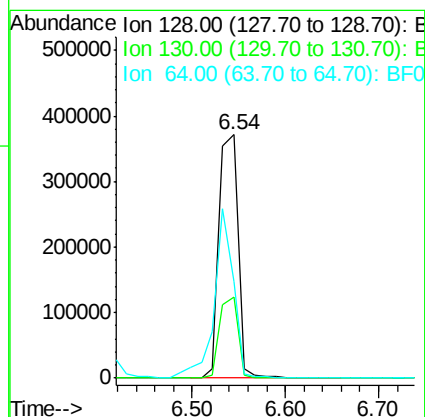
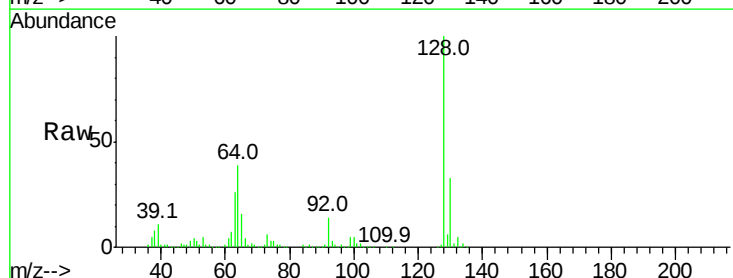
Tgt Ion: 128 Resp: 525937

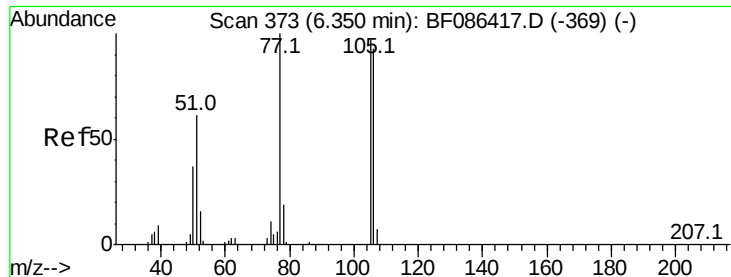
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 39.4 27.3 67.3





#9

Benzaldehyde

Concen: 34.61 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

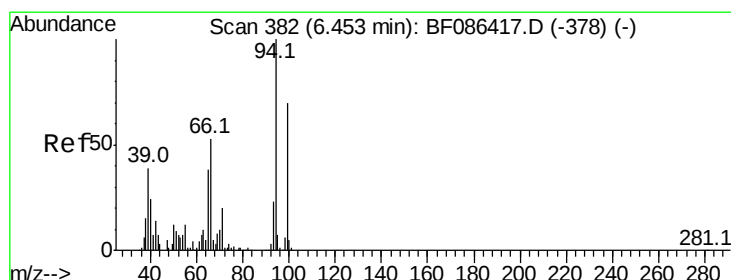
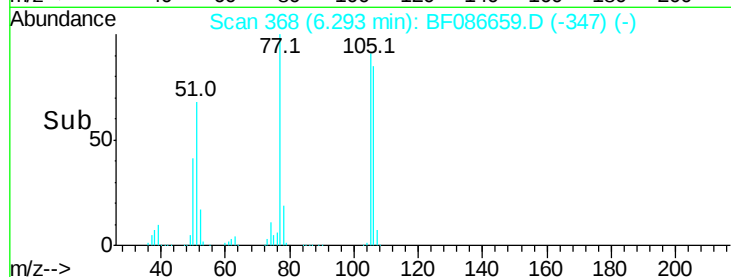
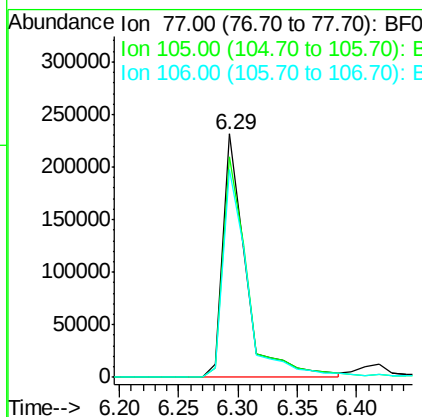
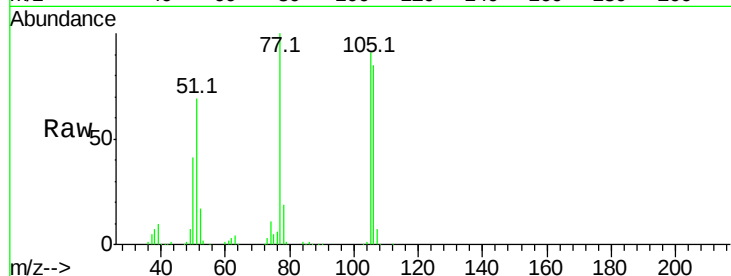
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	308581
Ion Ratio	Lower	Upper	
77	100		
105	90.9	72.7	112.7
106	85.4	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 36.27 ng

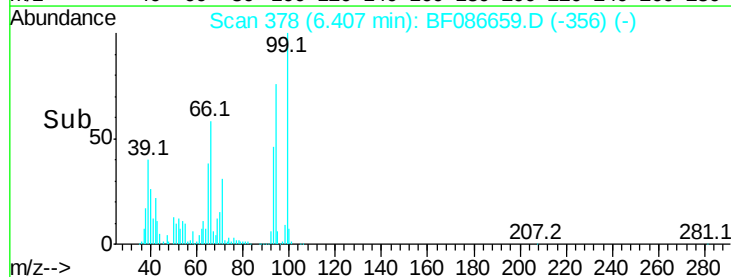
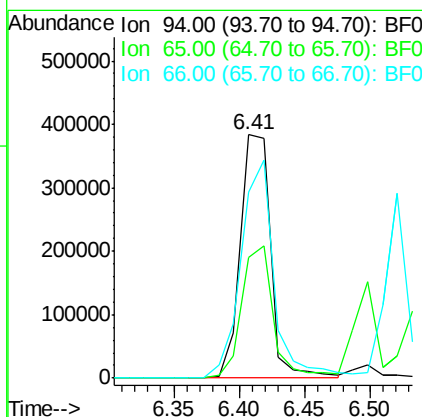
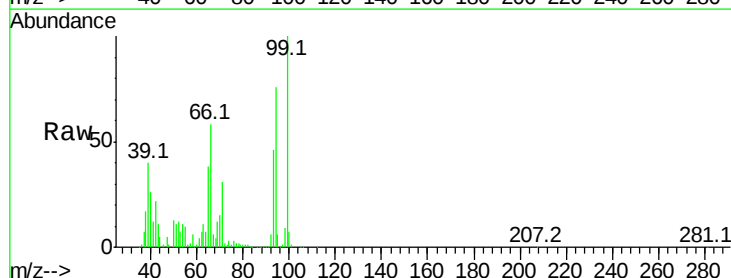
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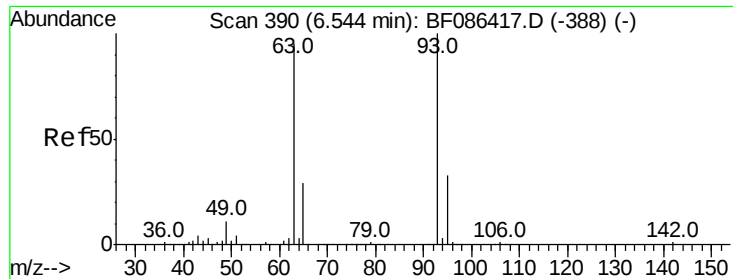
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	94	Resp:	620027
Ion Ratio	Lower	Upper	
94	100		
65	49.6	7.2	47.2#
66	76.5	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 42.44 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

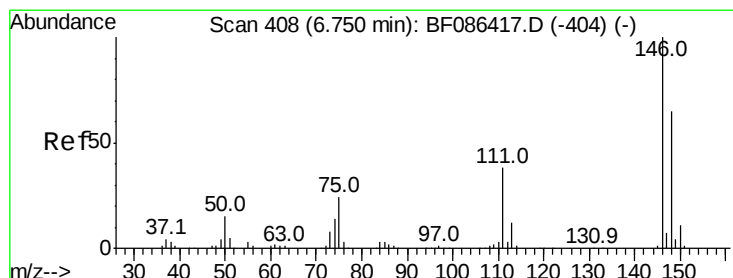
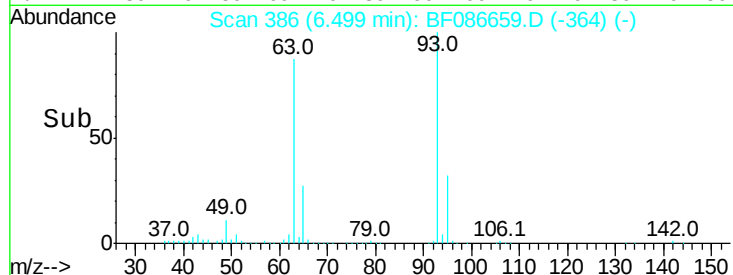
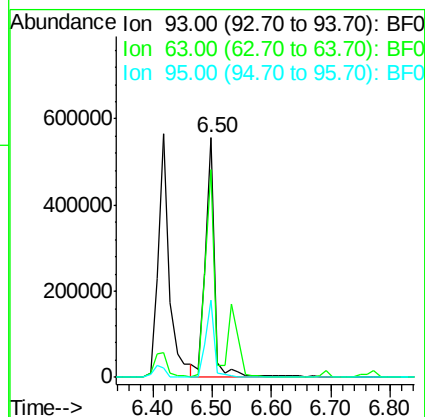
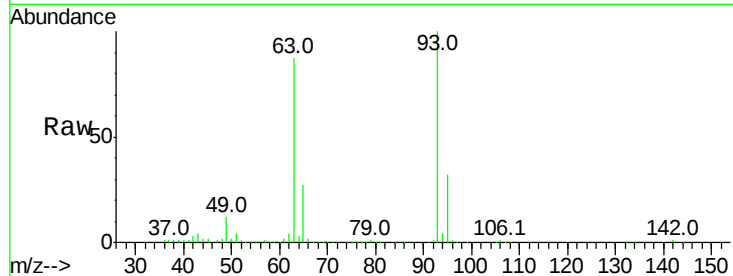
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	627290
Ion Ratio	Lower	Upper	
93	100		
63	86.7	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.10 ng

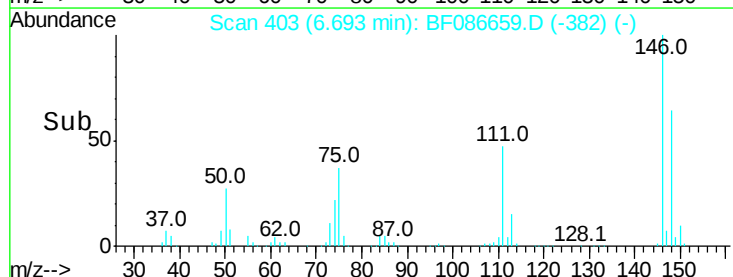
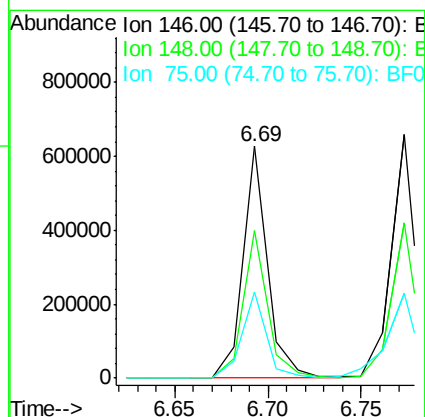
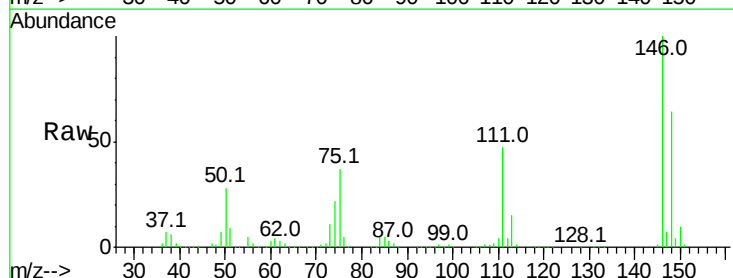
RT: 6.69 min Scan# 403

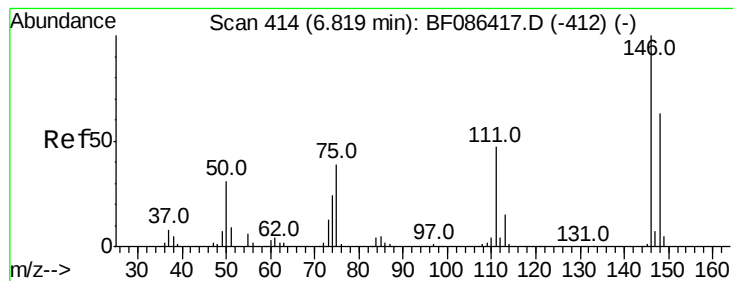
Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	146	Resp:	575155
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.4	78.6
75	37.0	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 40.41 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

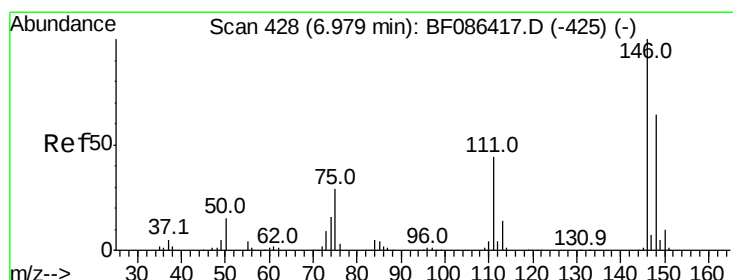
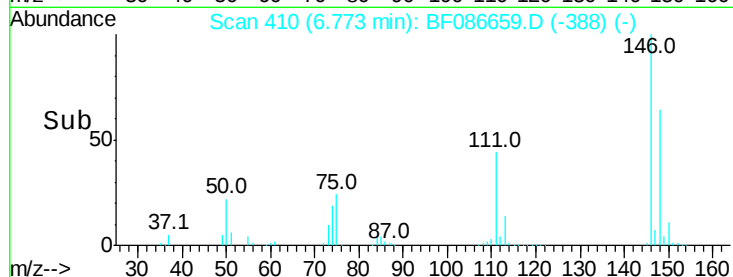
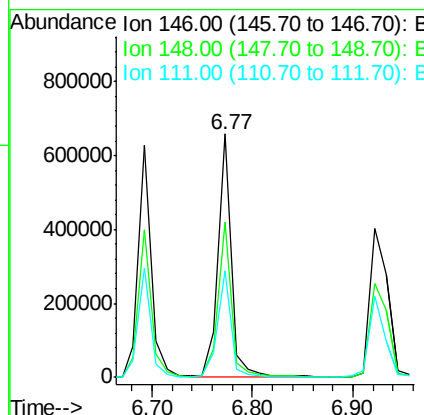
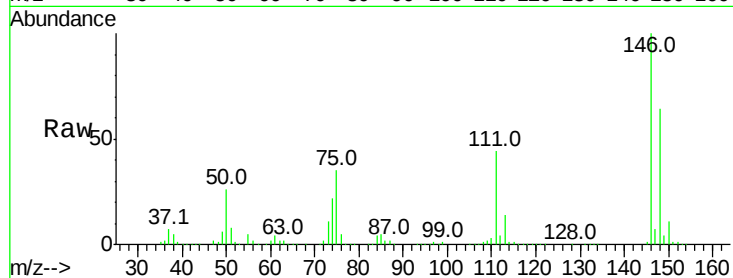
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	613261
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
111	43.8	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.43 ng

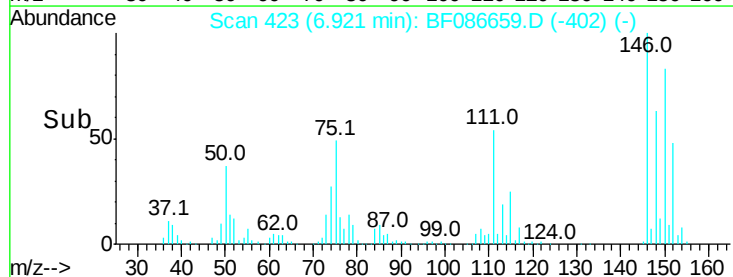
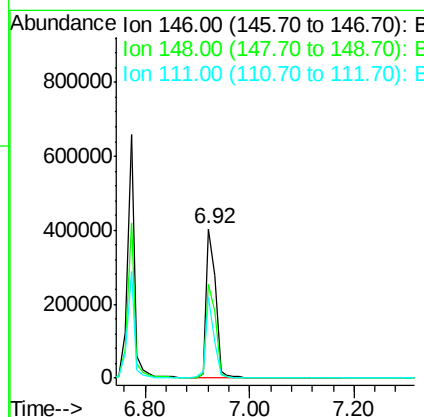
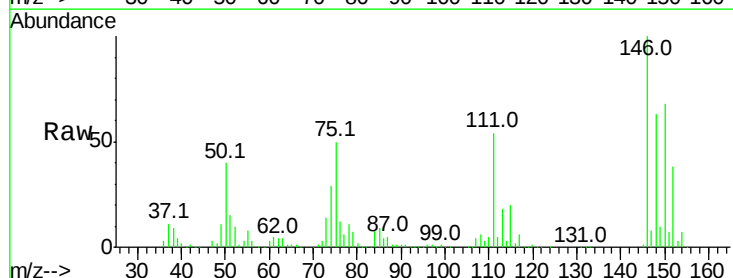
RT: 6.92 min Scan# 423

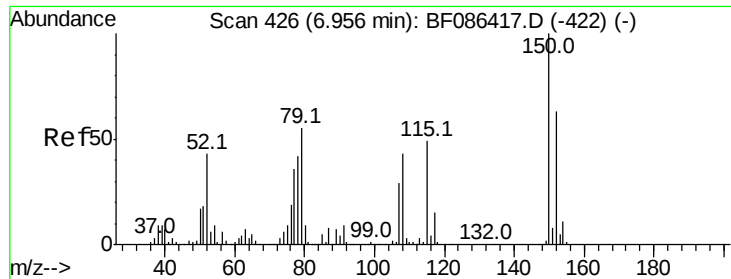
Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	146	Resp:	507072
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.0	76.6
111	54.2	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.51 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 392725

Ion Ratio Lower Upper

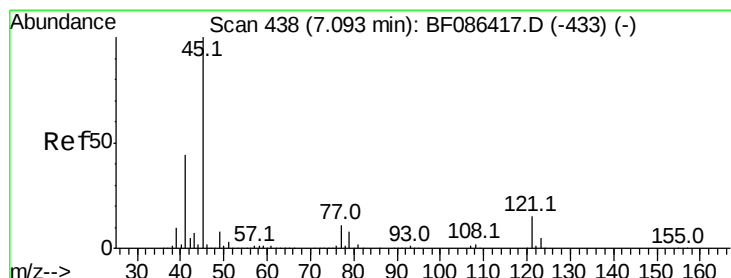
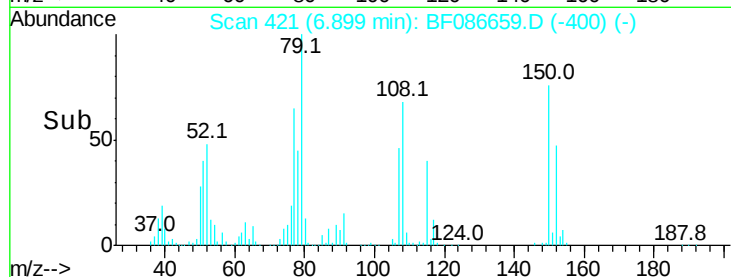
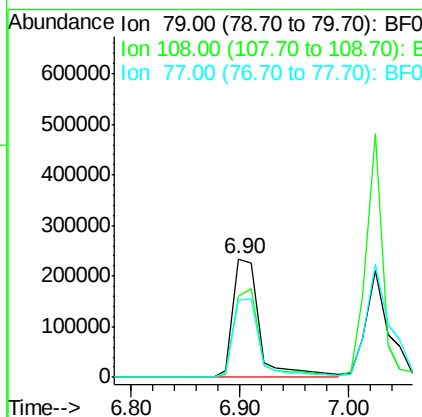
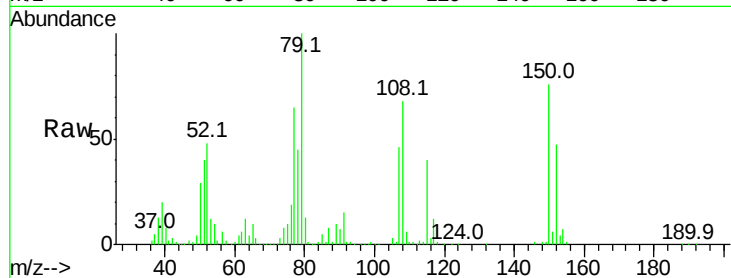
79 100

108 68.4 68.4 102.6#

77 64.9 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.61 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

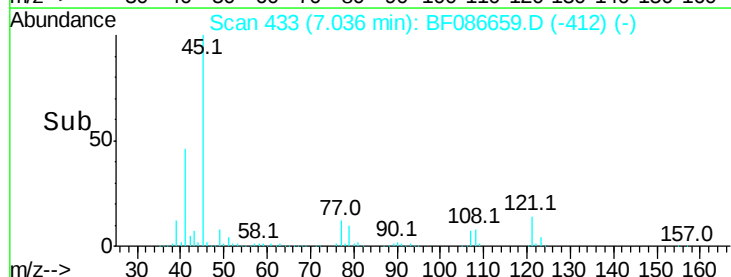
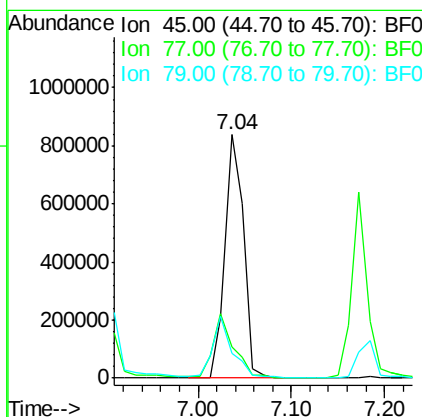
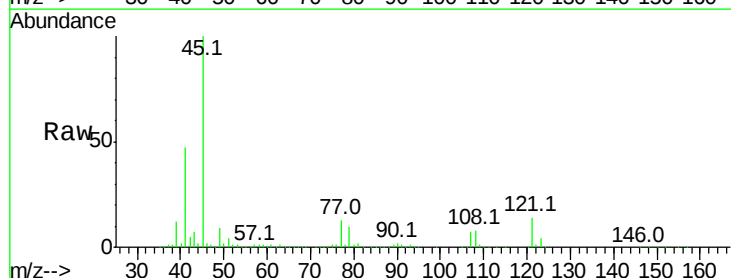
Tgt Ion: 45 Resp: 1171738

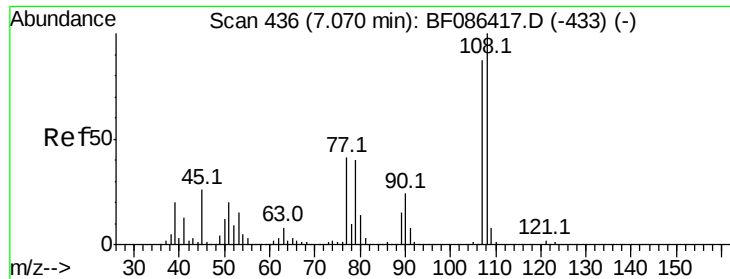
Ion Ratio Lower Upper

45 100

77 12.5 0.0 36.4

79 10.0 0.0 33.4





#17

2-Methylphenol

Concen: 40.69 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

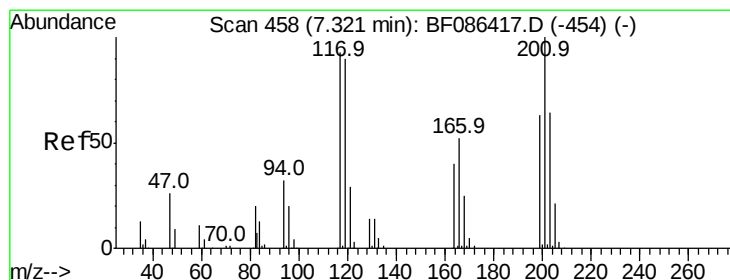
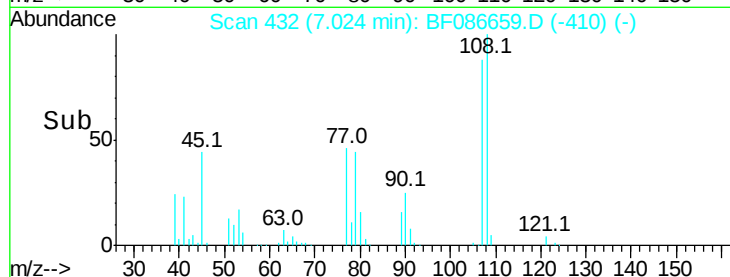
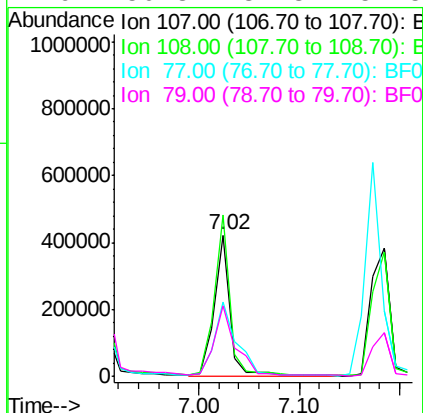
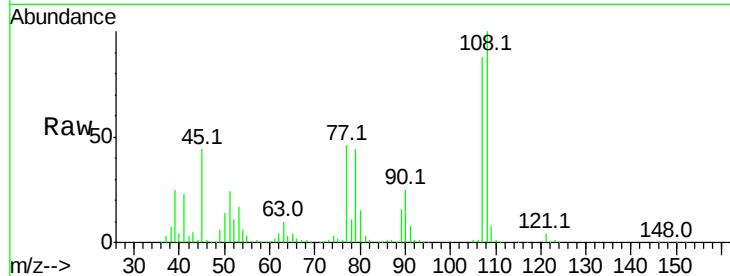
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	93.7	140.5	
77	52.9	33.4	50.0	
79	50.3	34.3	51.5	

Manual Integrations
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#18

Hexachloroethane

Concen: 33.45 ng

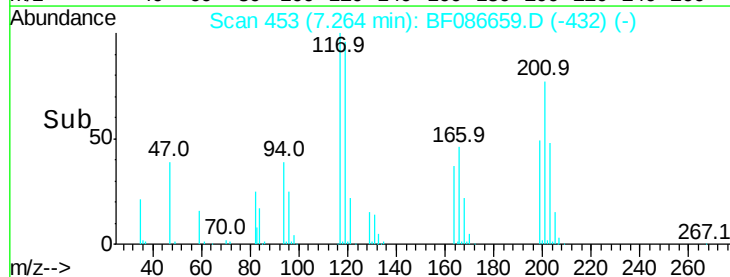
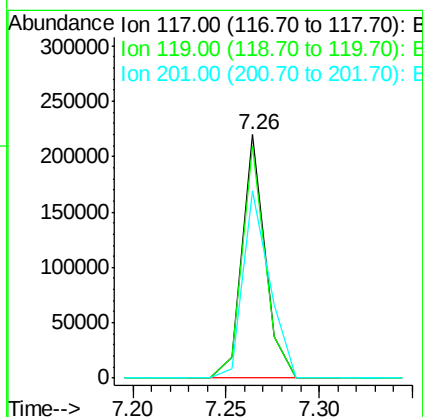
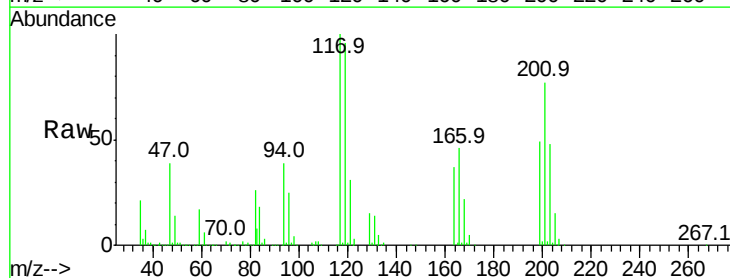
RT: 7.26 min Scan# 453

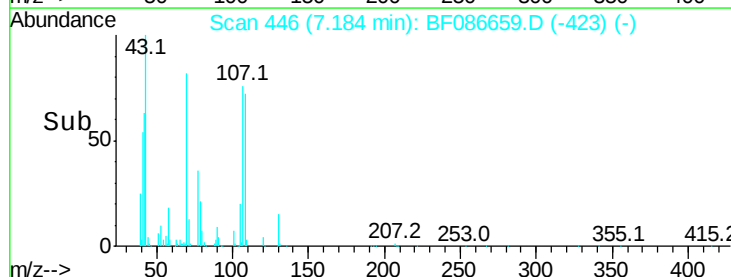
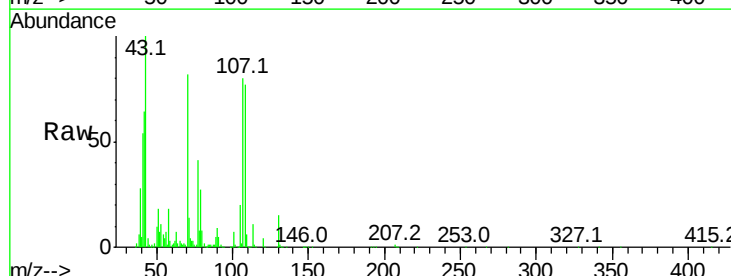
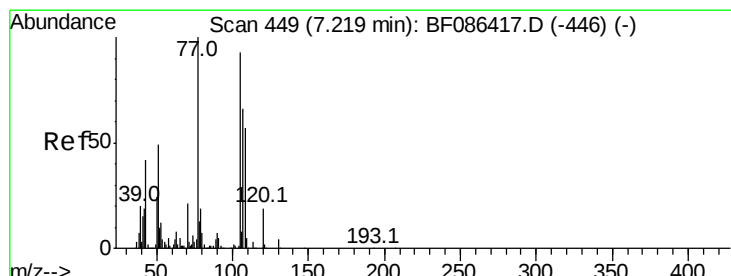
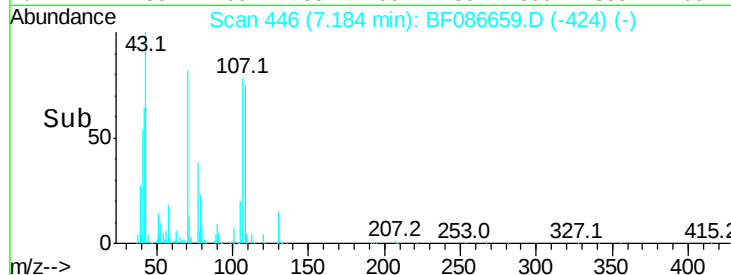
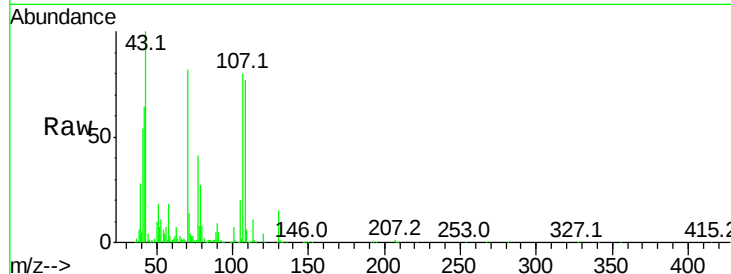
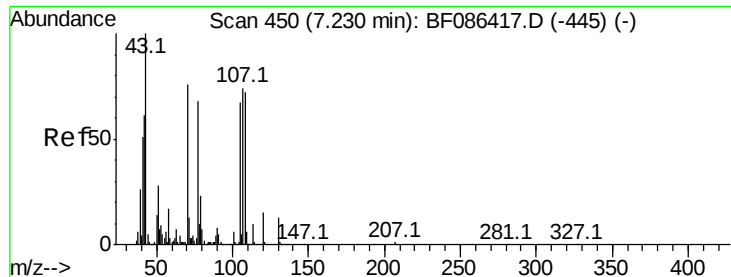
Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.5	114.7	
201	76.9	63.0	94.6	





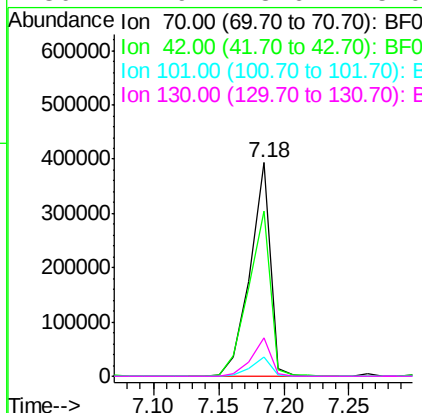
#19
n-Nitroso-di-n-propylamine
Concen: 42.23 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.6	43.1	64.7#
101	8.9	8.1	12.1
130	17.9	18.6	28.0#

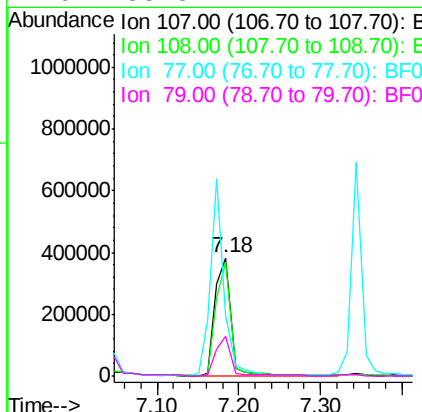
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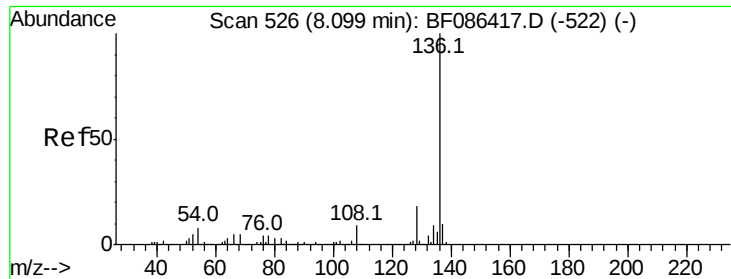
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#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.1	68.5	108.5
77	51.3	101.6	141.6#
79	33.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

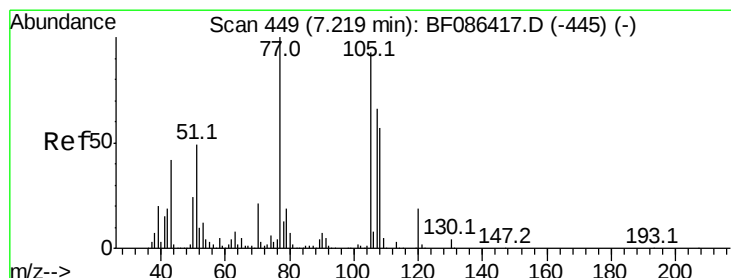
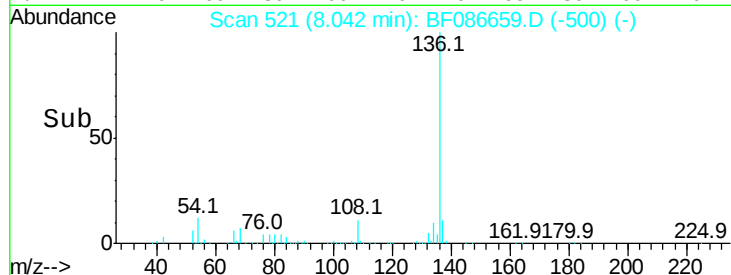
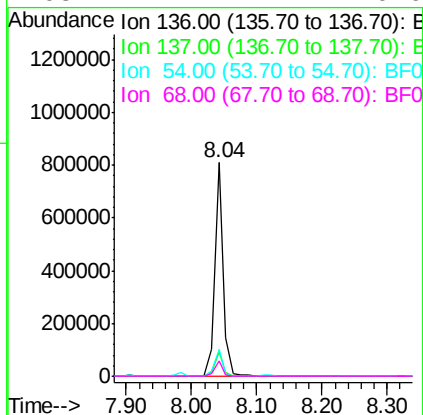
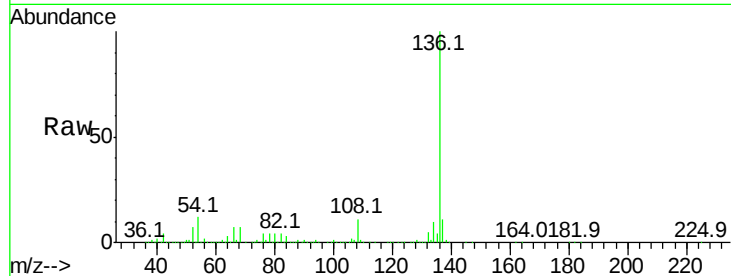
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	750665		
137	11.1	8.8	13.2	
54	12.5	5.0	7.4#	
68	7.1	4.4	6.6#	

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#22

Acetophenone

Concen: 42.90 ng

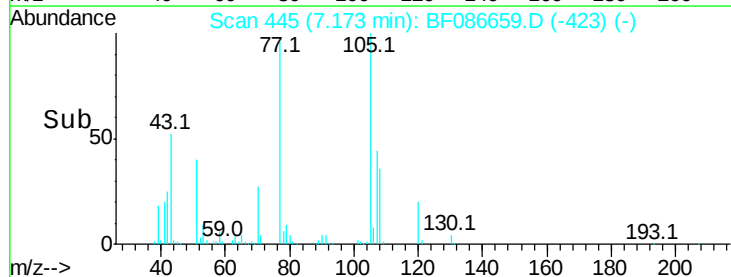
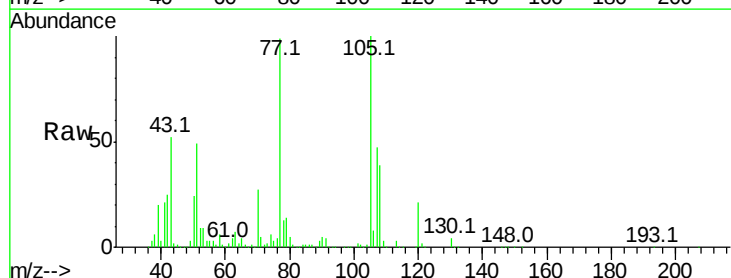
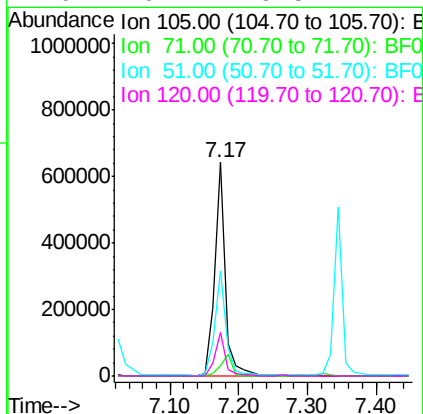
RT: 7.17 min Scan# 445

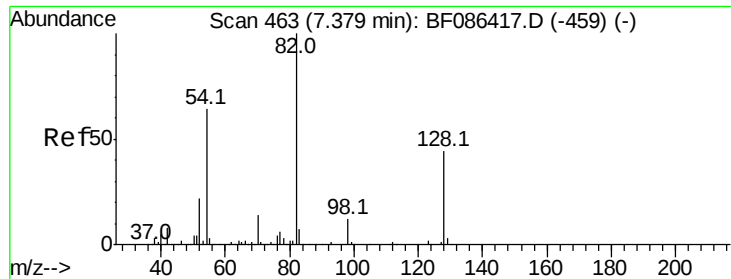
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	706165		
71	4.6	4.8	7.2#	
51	49.2	32.6	49.0#	
120	20.7	16.5	24.7	





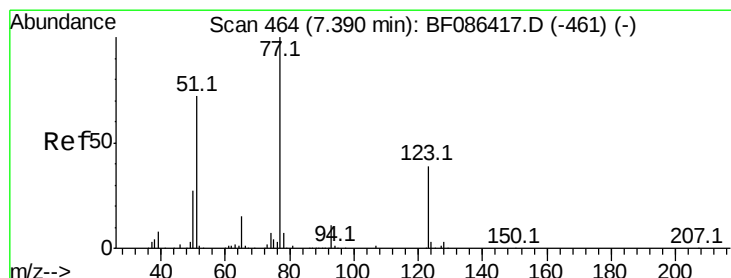
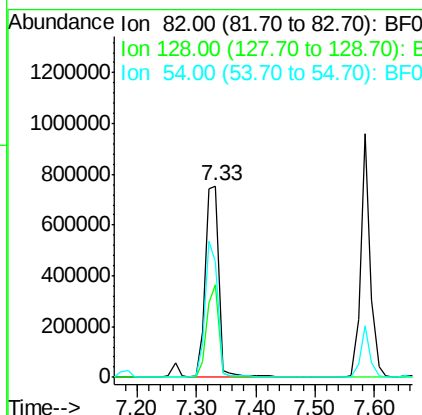
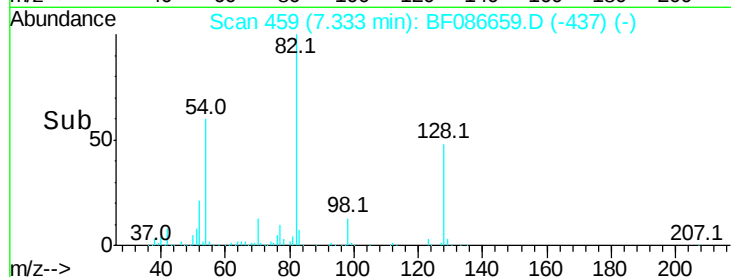
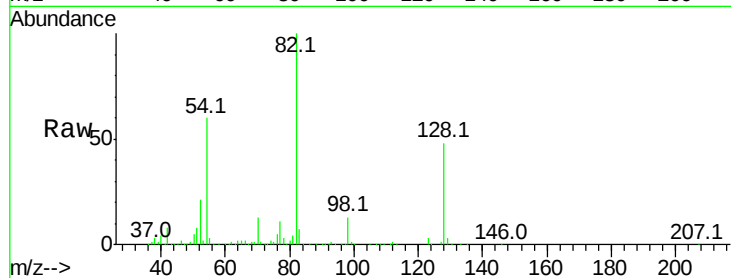
#23
Nitrobenzene-d5
Concen: 88.27 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1229250
Ion Ratio Lower Upper
82 100
128 48.4 40.6 61.0
54 60.5 38.1 57.1#

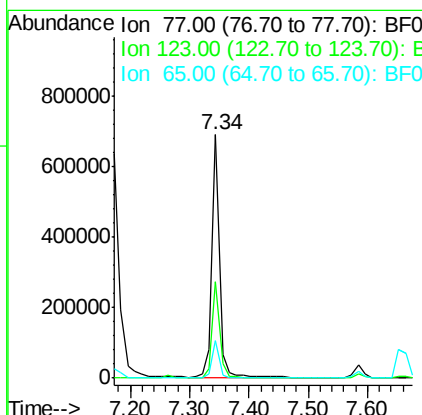
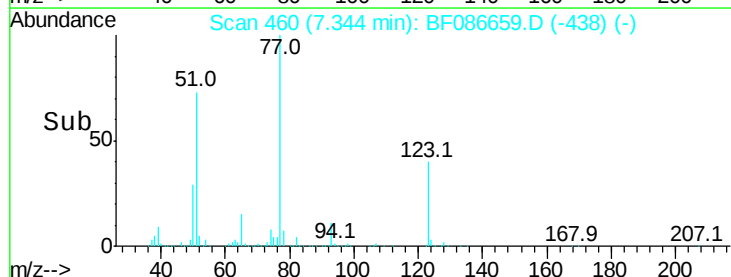
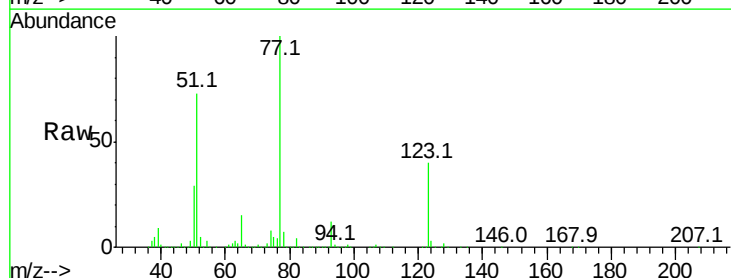
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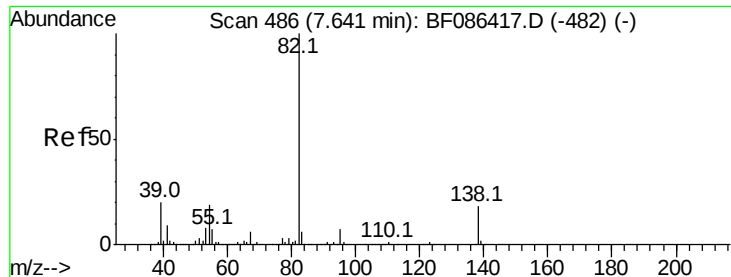
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#24
Nitrobenzene
Concen: 42.86 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion: 77 Resp: 613942
Ion Ratio Lower Upper
77 100
123 39.5 33.0 49.4
65 15.3 10.8 16.2





#25

Isophorone

Concen: 39.37 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1055238

Ion Ratio Lower Upper

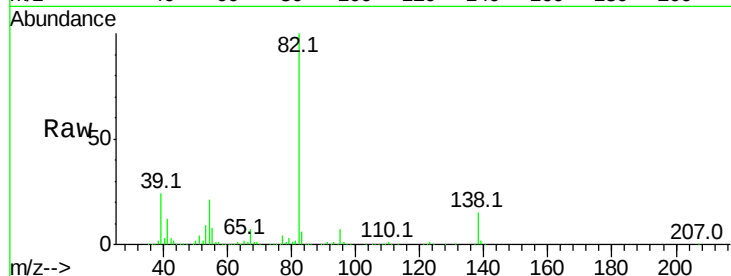
82 100

95 7.1 5.1 7.7

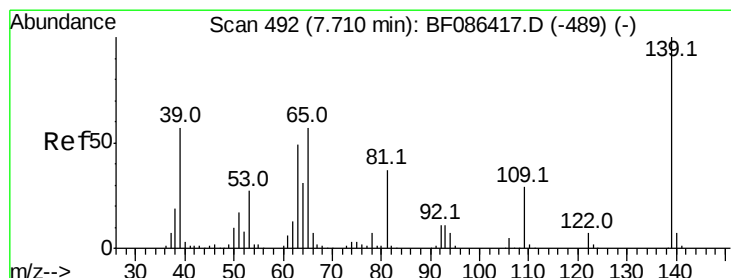
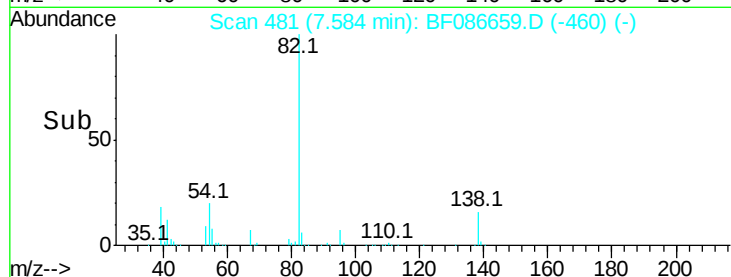
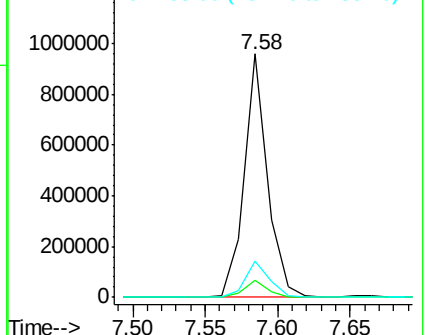
138 15.1 12.4 18.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.48 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

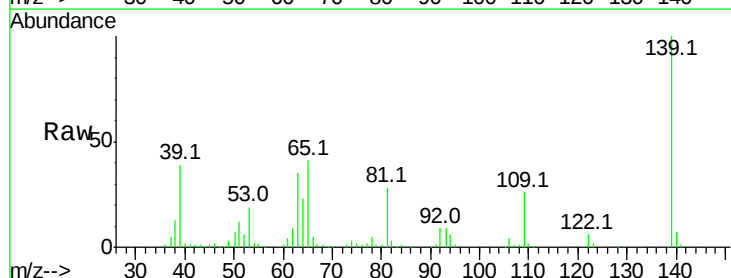
Tgt Ion: 139 Resp: 227414

Ion Ratio Lower Upper

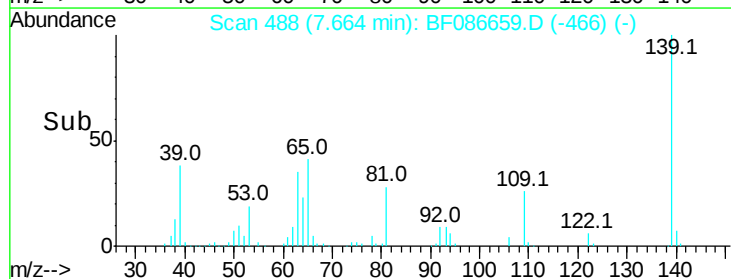
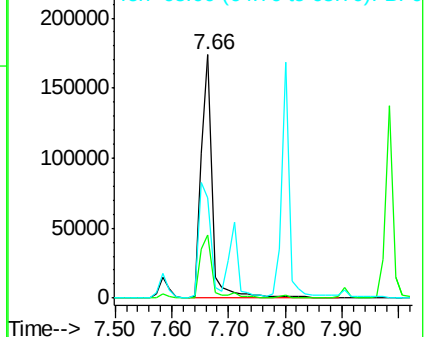
139 100

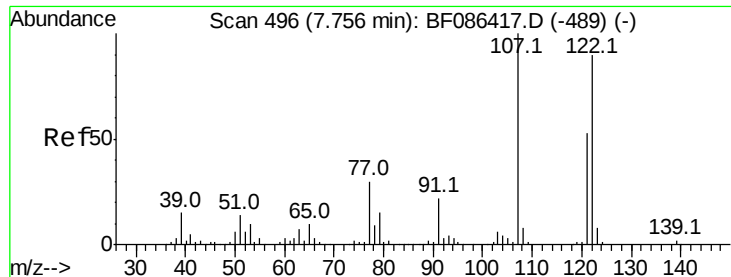
109 25.7 19.5 29.3

65 41.3 37.5 56.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.32 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

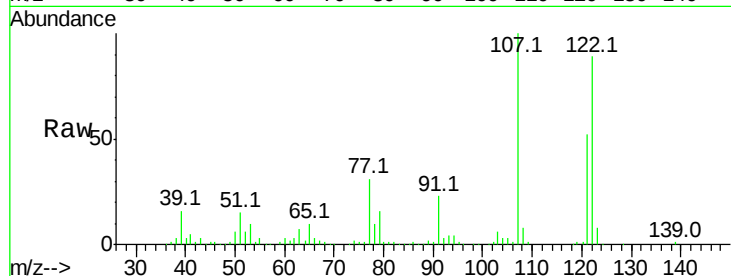
ClientSampleId :

SSTDCCC040

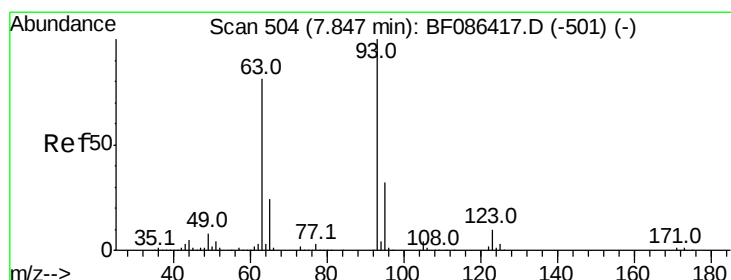
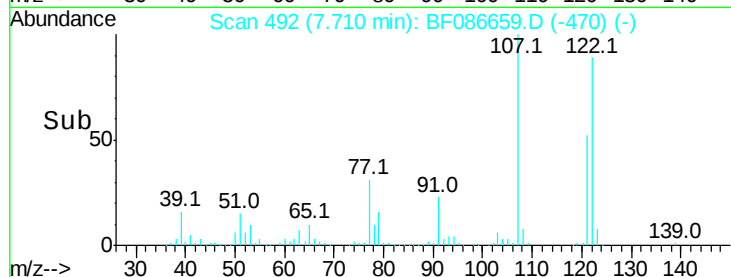
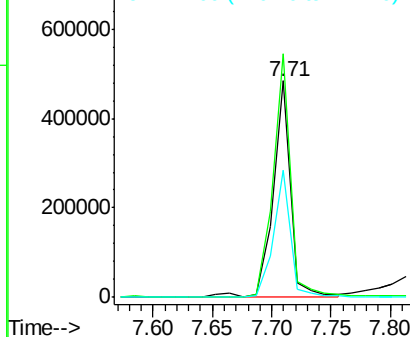
Tot Ion:	122	Resp:	501410
Ion Ratio	Lower	Upper	
122	100		
107	112.4	82.0	123.0
121	58.7	46.1	69.1

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.76 ng

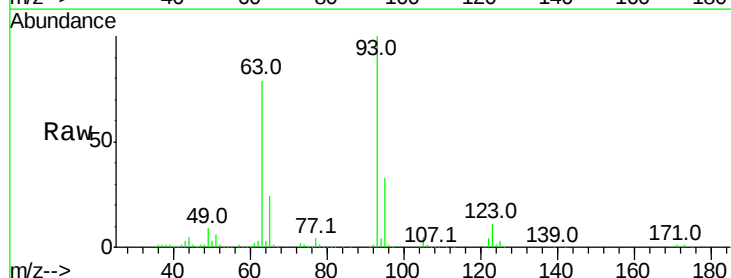
RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

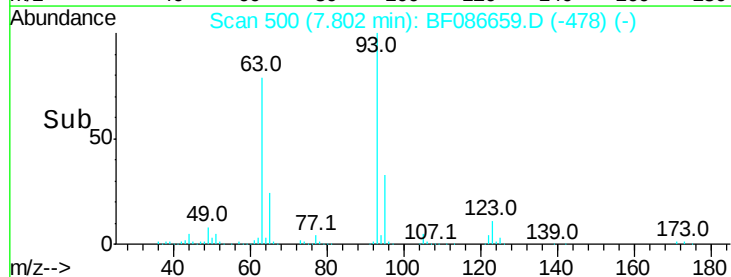
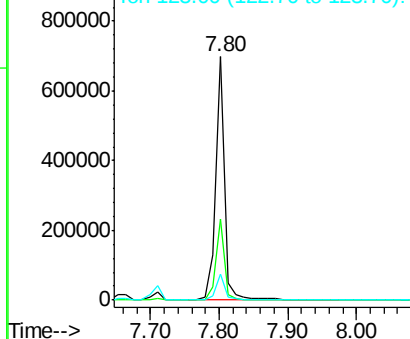
Lab File: BF086659.D

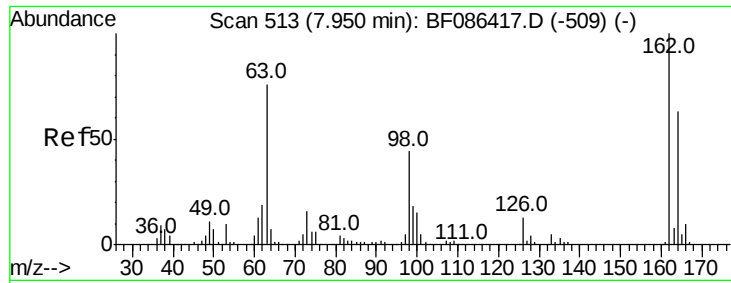
Acq: 3 May 2016 23:28

Tgt Ion:	93	Resp:	639034
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	10.8	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





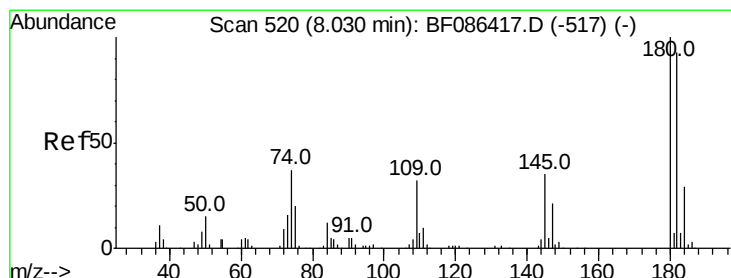
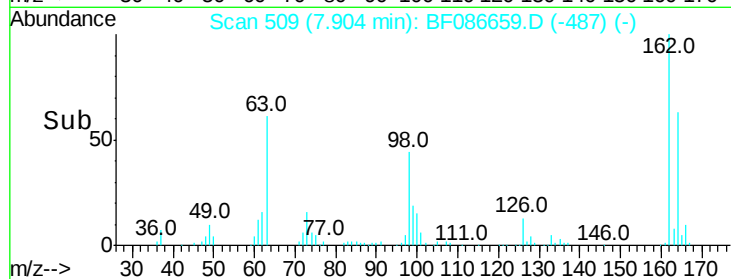
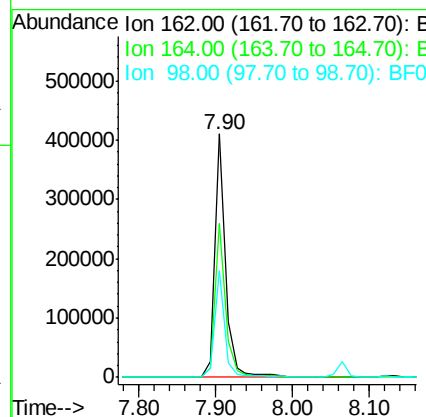
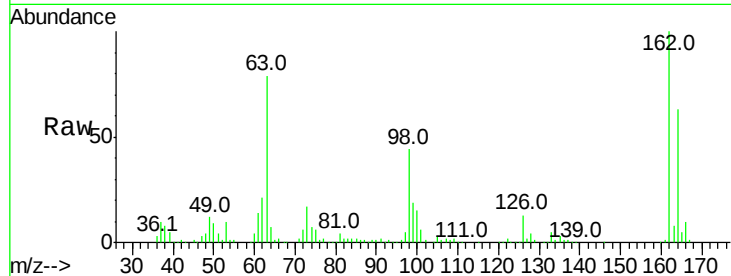
#29
 2,4-Dichlorophenol
 Concen: 40.52 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	395699		
164	63.3	42.2	82.2	
98	43.6	19.0	59.0	

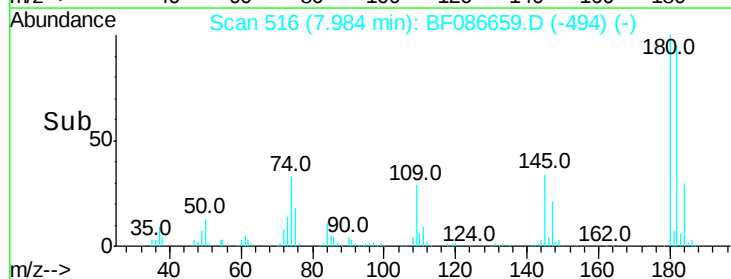
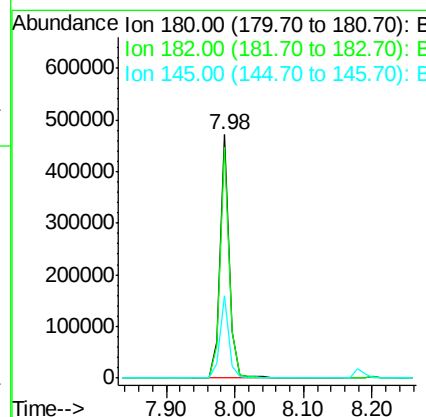
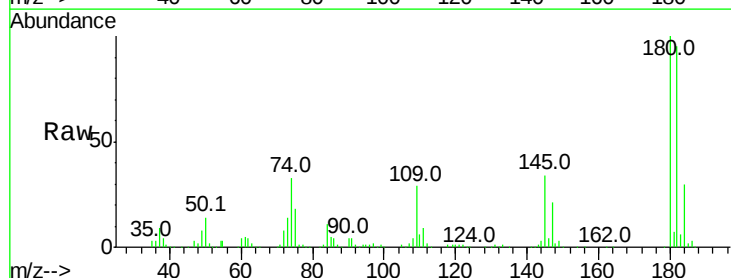
Manual Integrations
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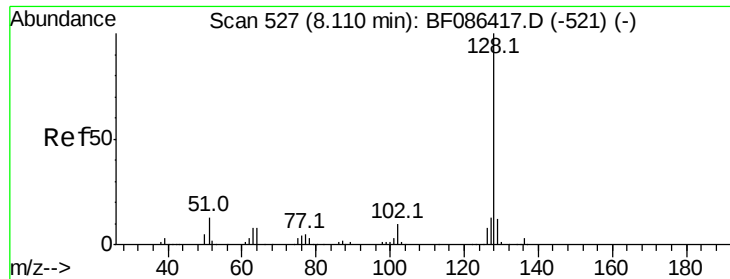
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.52 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447742		
182	94.8	78.0	117.0	
145	33.8	24.2	36.2	





#31

Naphthalene

Concen: 36.84 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1407042

Ion Ratio Lower Upper

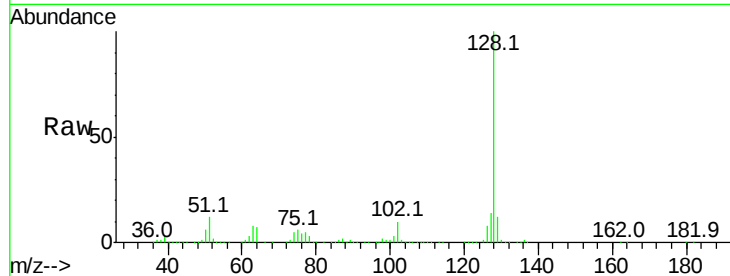
128 100

129 11.8 8.6 13.0

127 14.0 10.8 16.2

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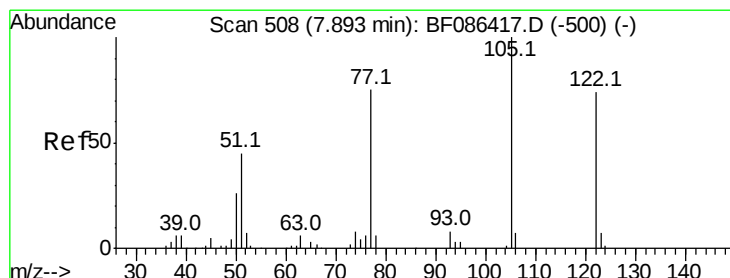
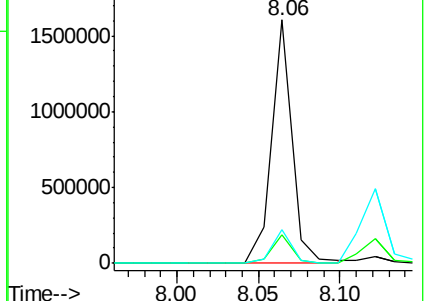
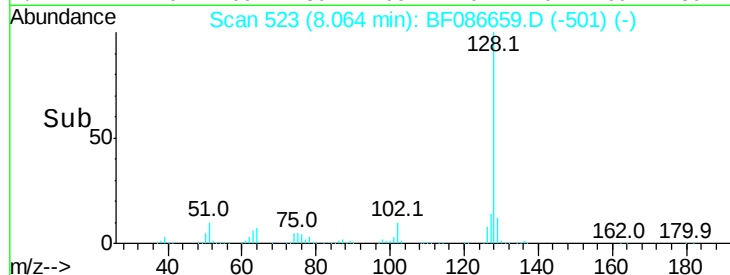
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.14 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

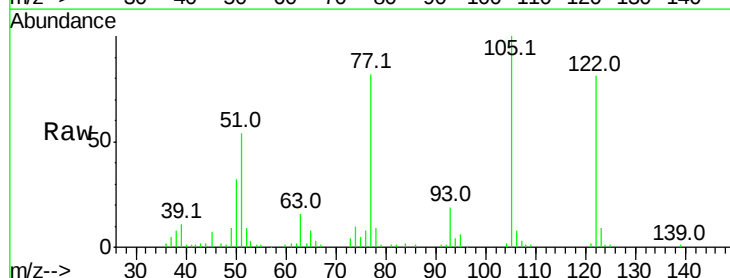
Tgt Ion:122 Resp: 123177

Ion Ratio Lower Upper

122 100

105 122.7 92.6 132.6

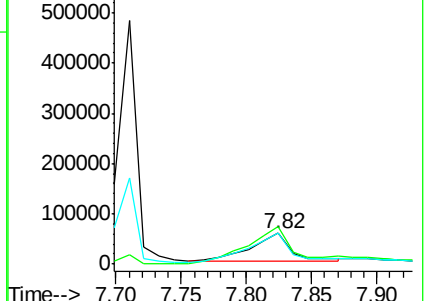
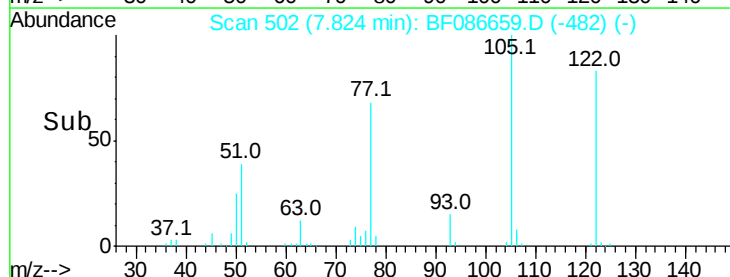
77 100.5 60.0 100.0#

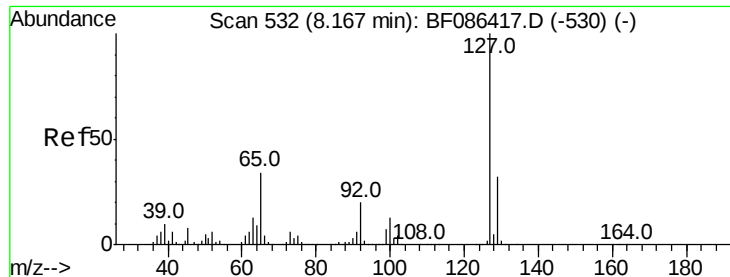


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





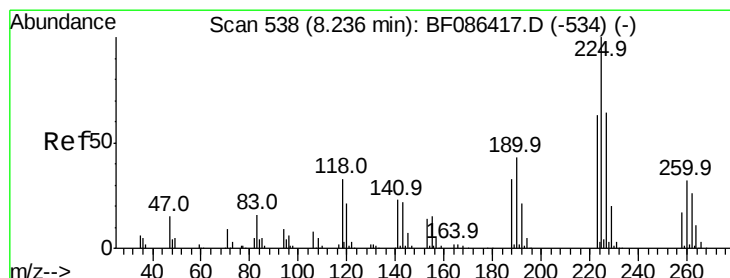
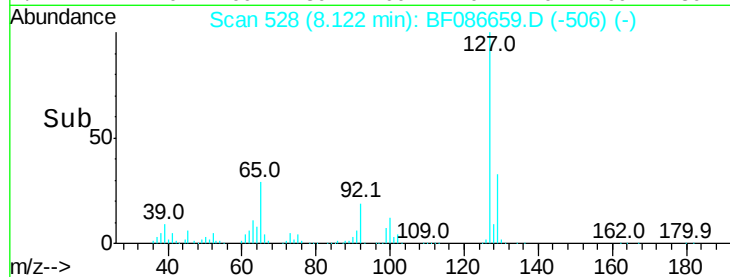
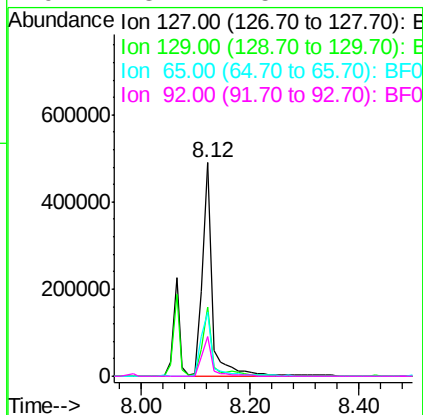
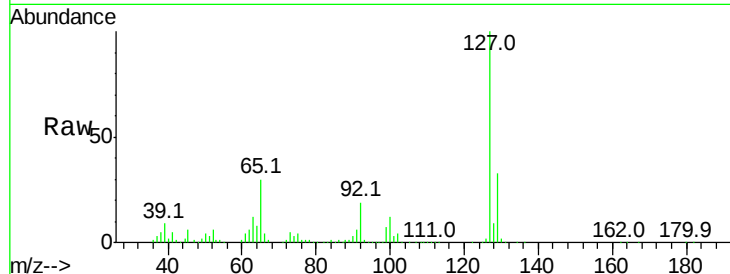
#33
4-Chloroaniline
Concen: 42.27 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		604619		
129	32.5	26.2	39.4		
65	29.7	23.0	34.4		
92	18.7	15.1	22.7		

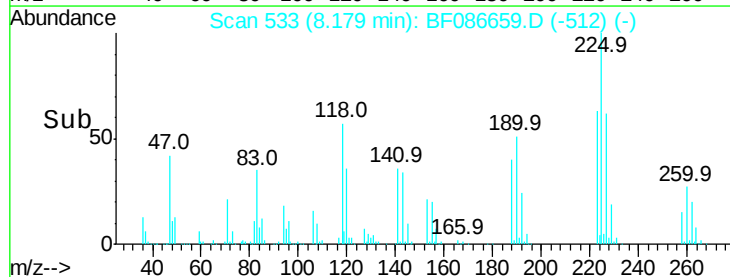
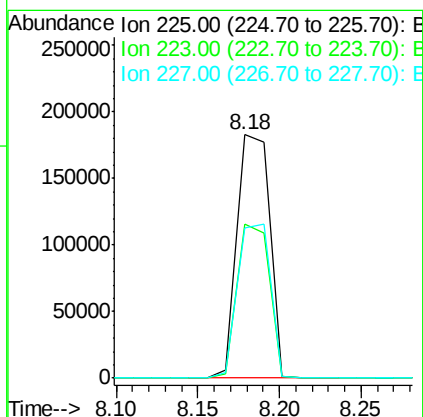
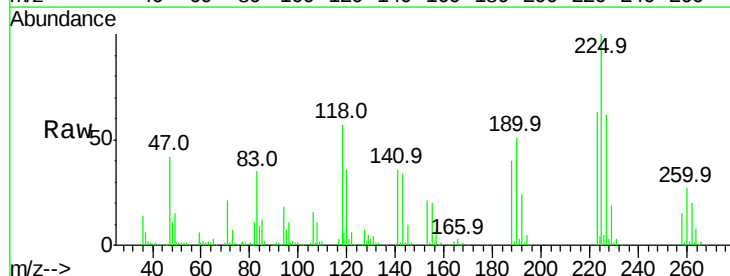
Manual Integrations
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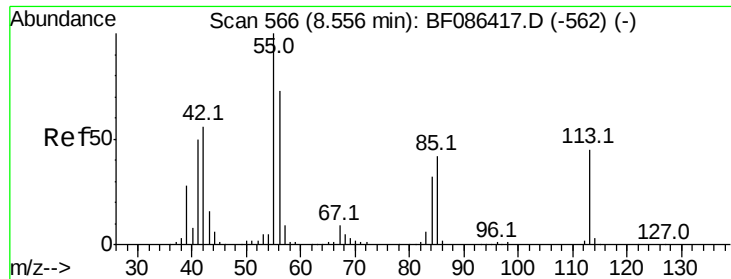
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#34
Hexachlorobutadiene
Concen: 39.75 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		252435		
223	63.4	51.5	77.3		
227	61.9	52.2	78.2		





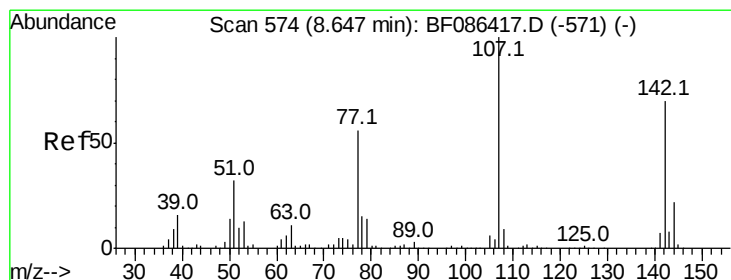
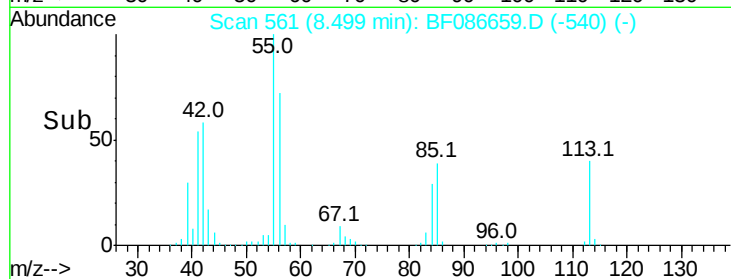
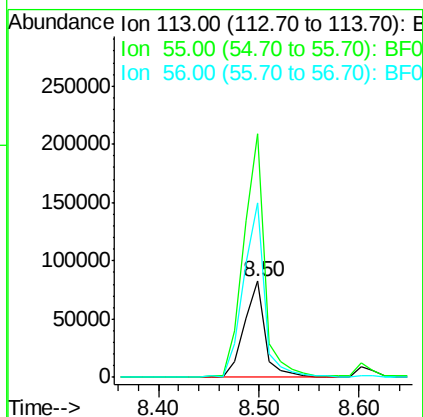
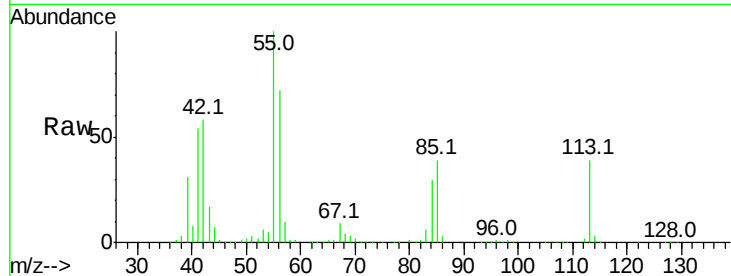
#35
Caprolactam
Concen: 36.46 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 118760
Ion Ratio Lower Upper
113 100
55 253.6 162.0 202.0#
56 181.8 115.3 155.3#

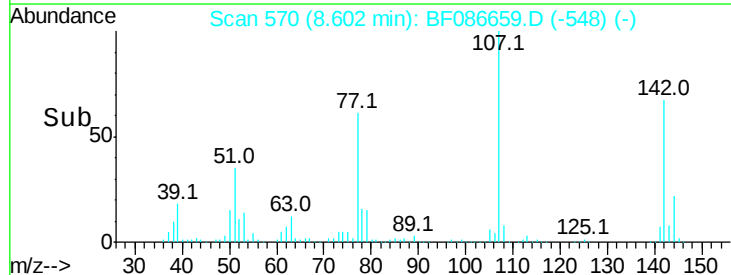
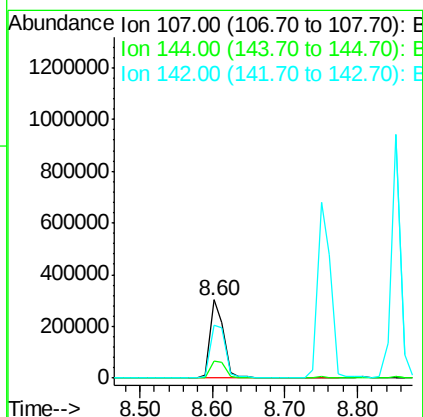
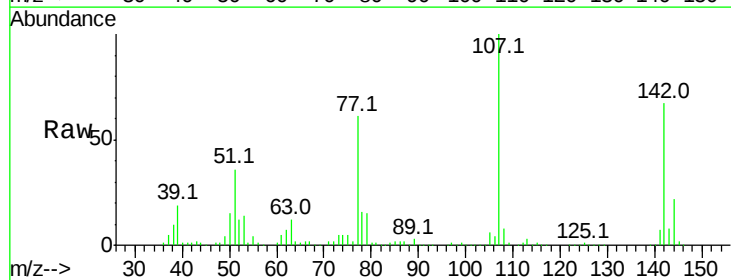
Manual Integrations
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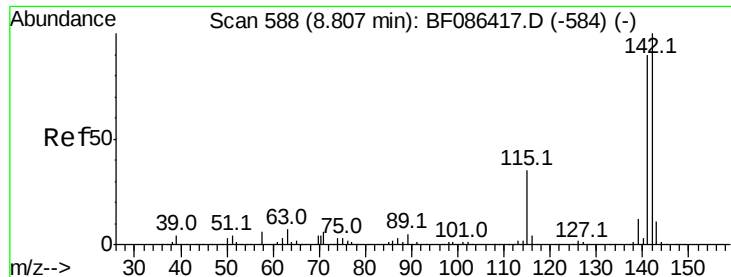
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#36
4-Chloro-3-methylphenol
Concen: 36.49 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion:107 Resp: 407929
Ion Ratio Lower Upper
107 100
144 21.6 20.7 31.1
142 67.2 63.2 94.8





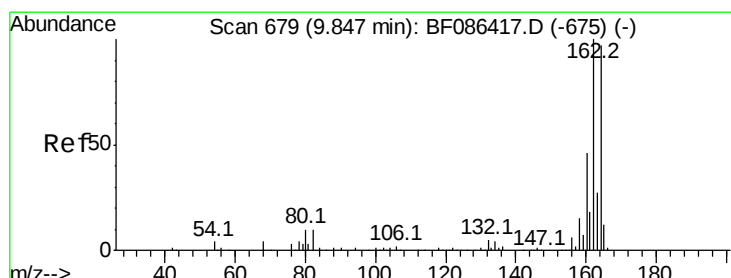
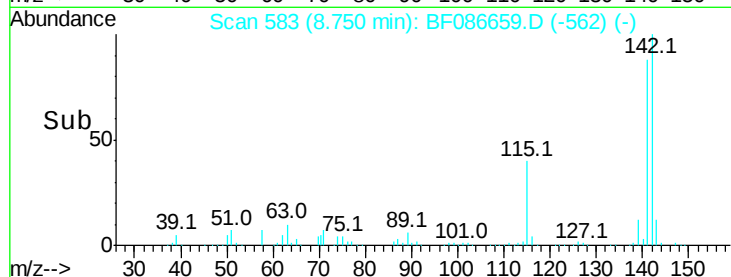
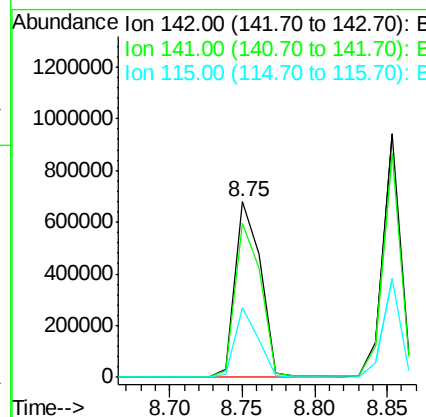
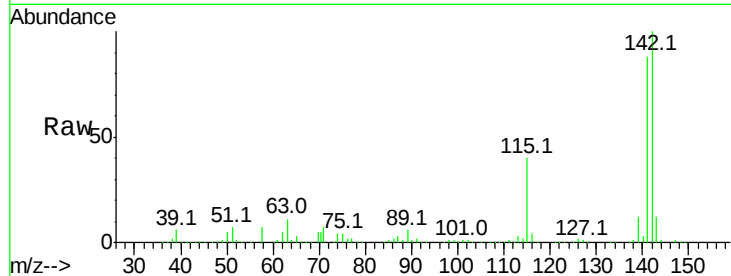
#37
2-Methylnaphthalene
Concen: 37.04 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	39.7	26.6	39.8

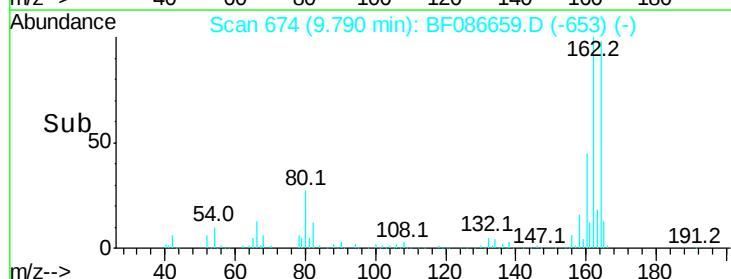
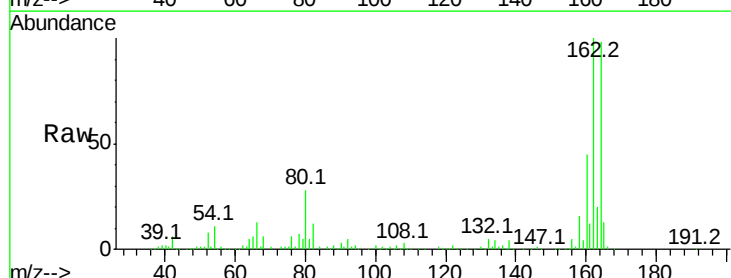
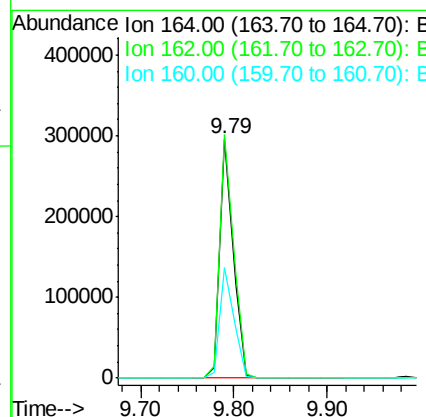
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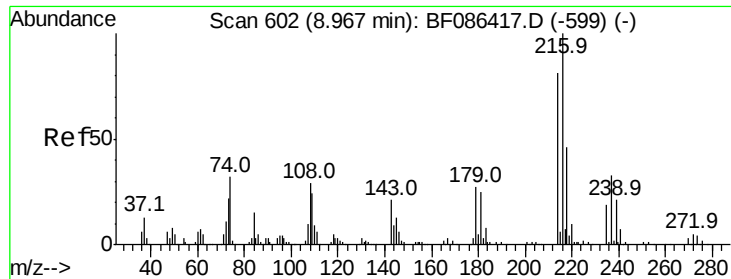
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	46.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.23 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

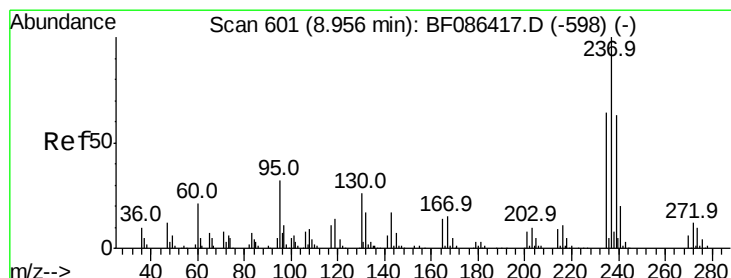
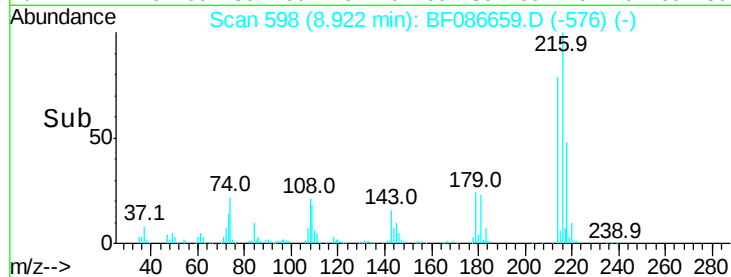
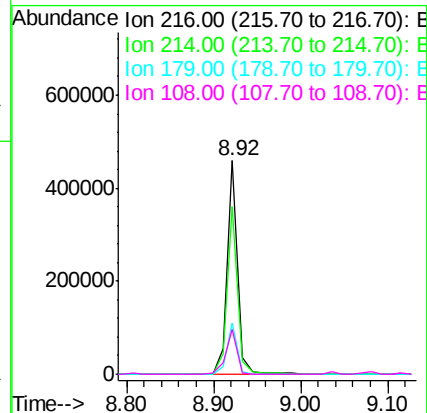
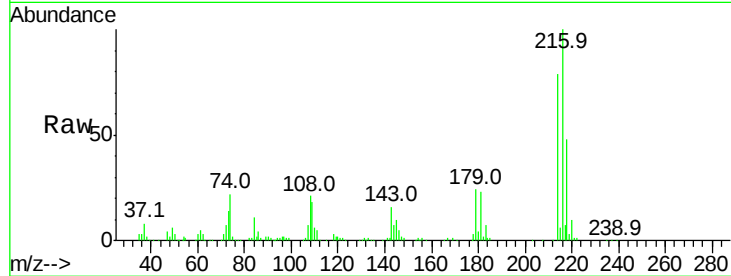
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	392414
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	93.8
179	24.1	18.2	27.4
108	22.4	17.5	26.3

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#40

Hexachlorocyclopentadiene

Concen: 7.80 ng

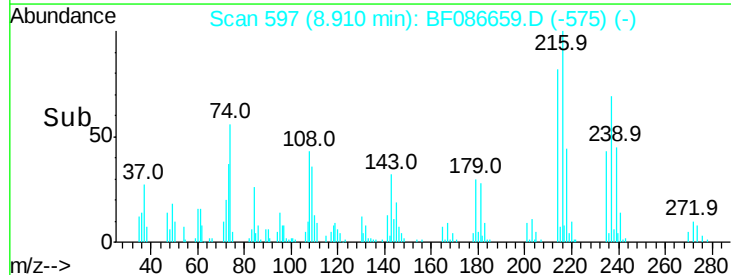
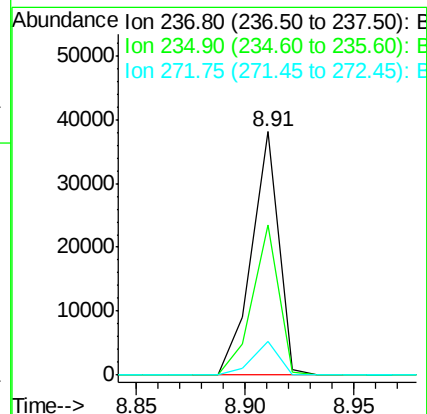
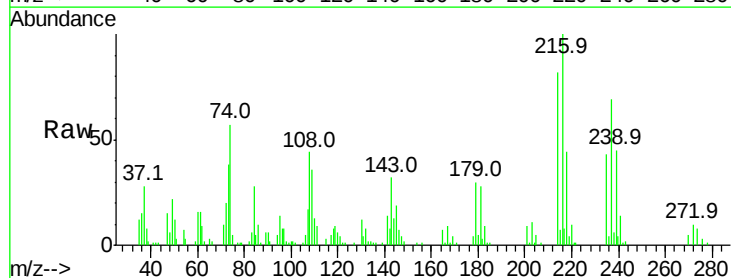
RT: 8.91 min Scan# 597

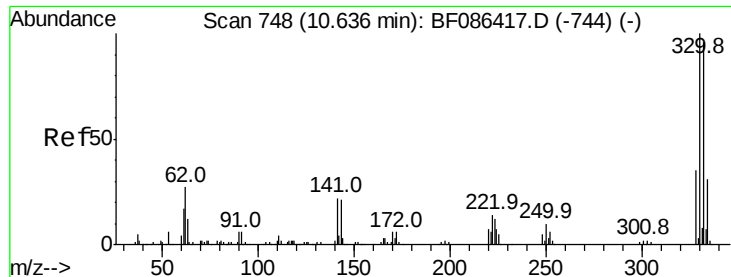
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	237	Resp:	32888
Ion Ratio	Lower	Upper	
237	100		
235	61.6	47.2	87.2
272	13.7	0.0	31.1





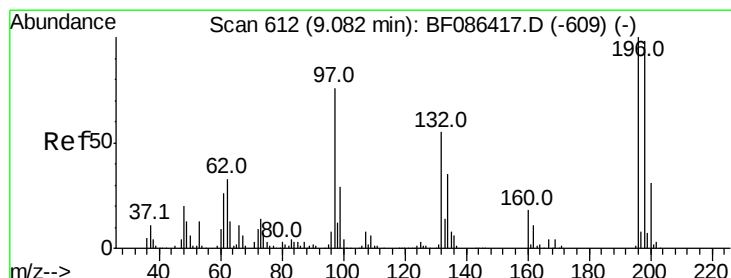
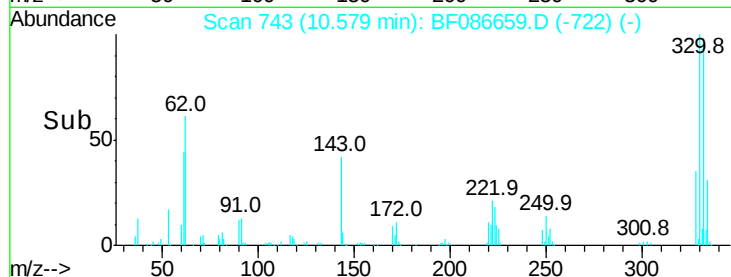
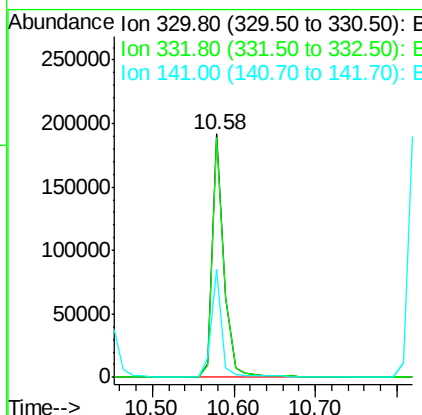
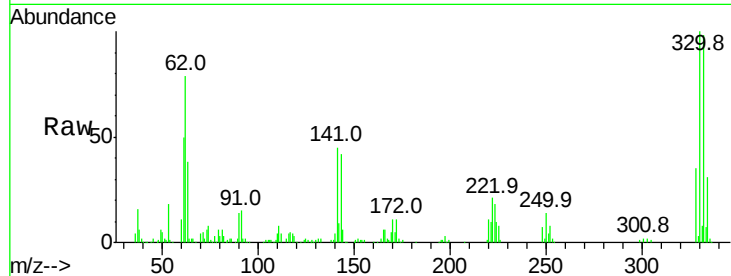
#41
 2,4,6-Tribromophenol
 Concen: 62.82 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196480		
332	99.3	79.0	118.4	
141	38.9	31.2	46.8	

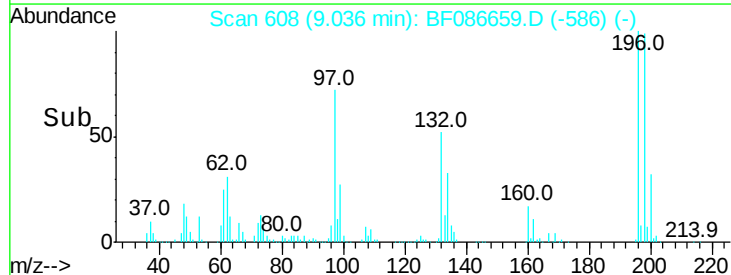
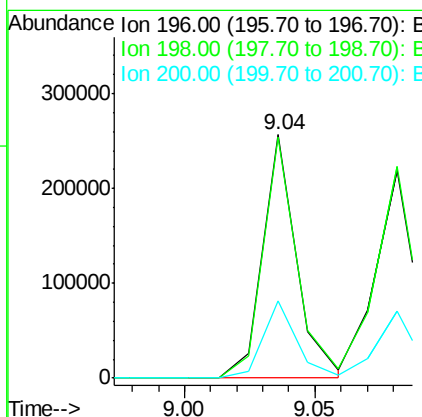
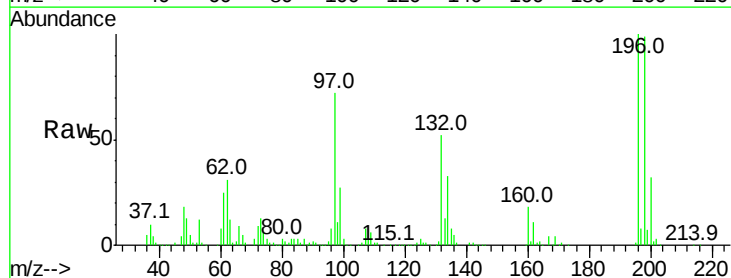
Manual Integrations
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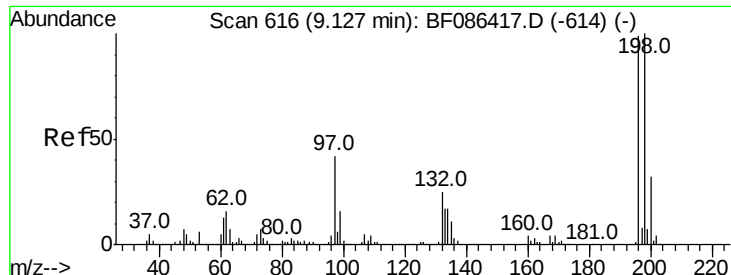
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#42
 2,4,6-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233412		
198	98.8	74.7	112.1	
200	31.8	23.8	35.6	





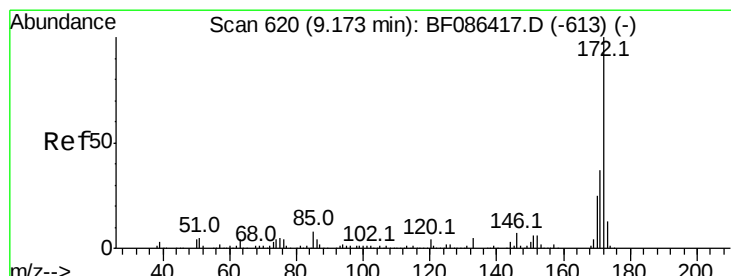
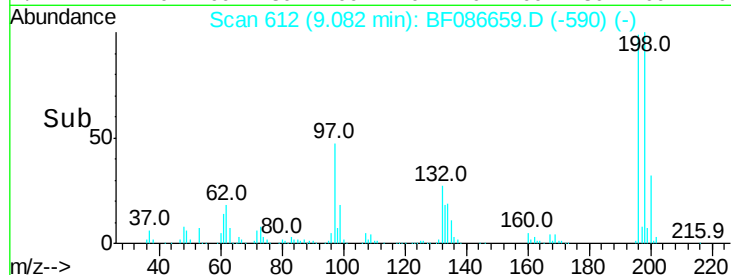
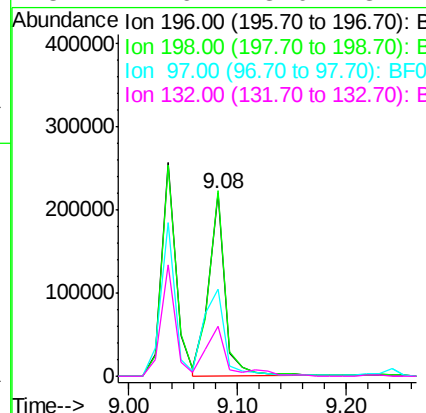
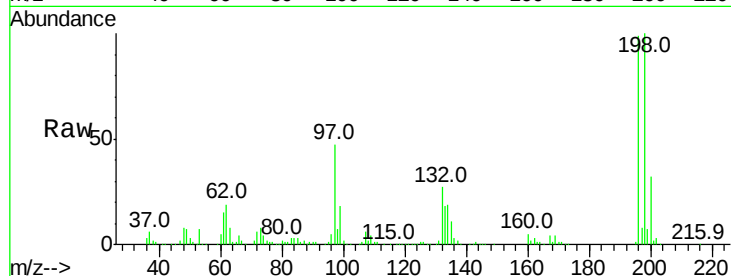
#43
 2,4,5-Trichlorophenol
 Concen: 39.62 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.5	77.5	116.3	
97	48.1	34.8	52.2	
132	27.6	23.0	34.4	

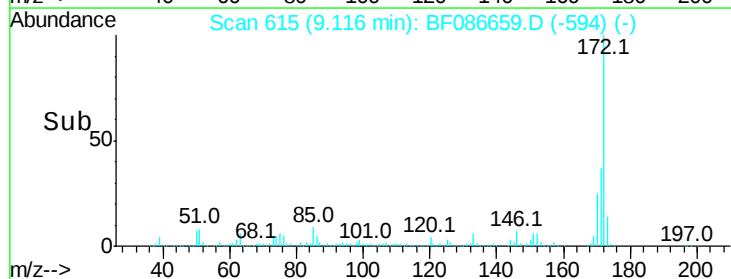
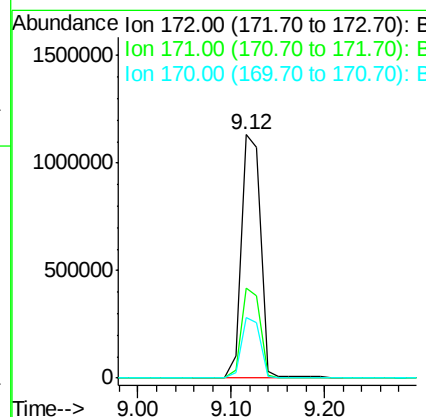
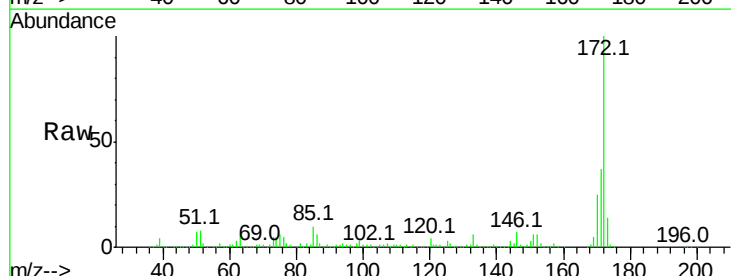
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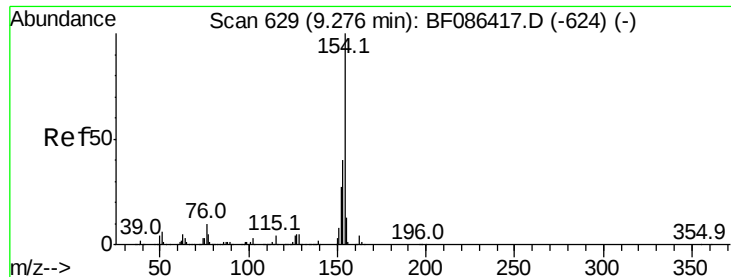
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#44
 2-Fluorobiphenyl
 Concen: 99.54 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	29.0	43.6	
170	24.7	19.8	29.8	





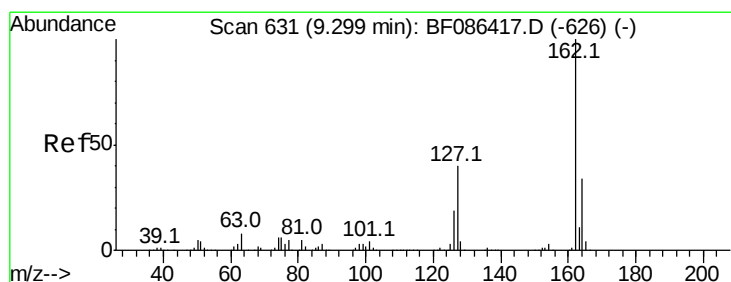
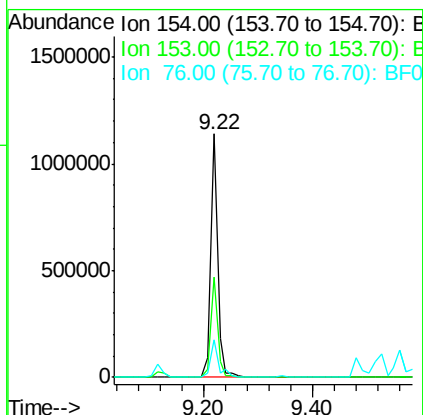
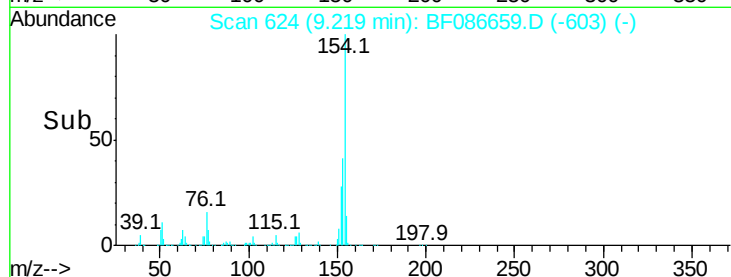
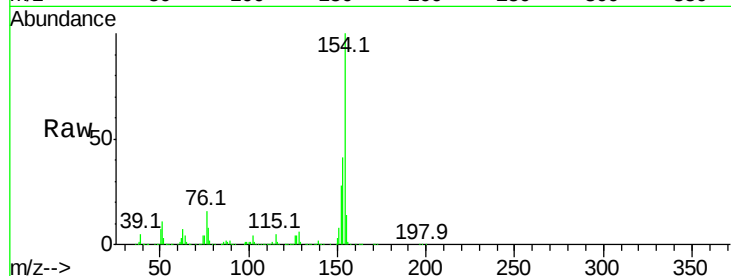
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.3	60.3
76	15.6	0.0	30.2

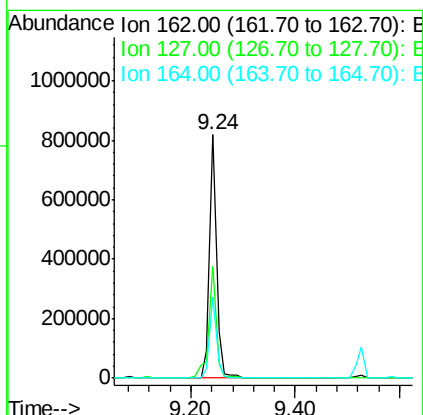
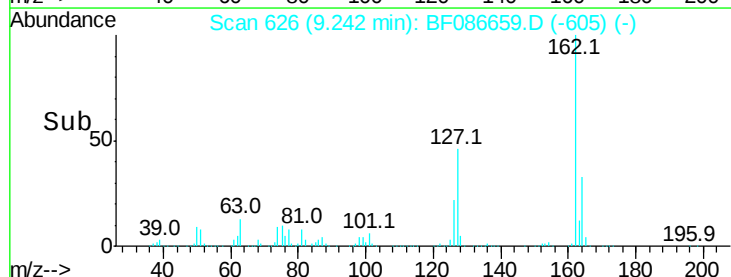
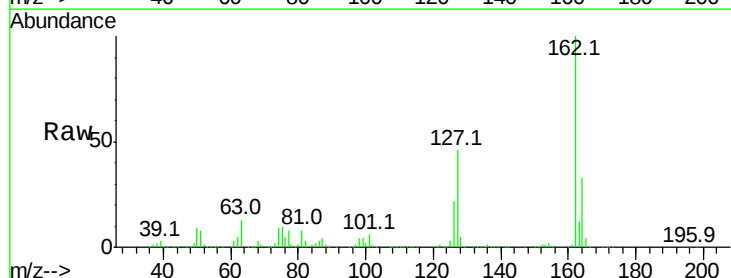
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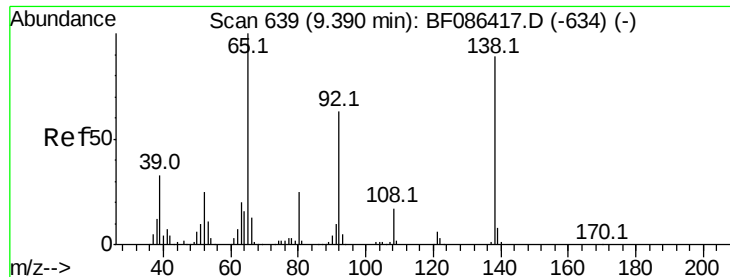
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#46
 2-Chloronaphthalene
 Concen: 41.13 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.1	31.8	47.6
164	33.3	27.0	40.6





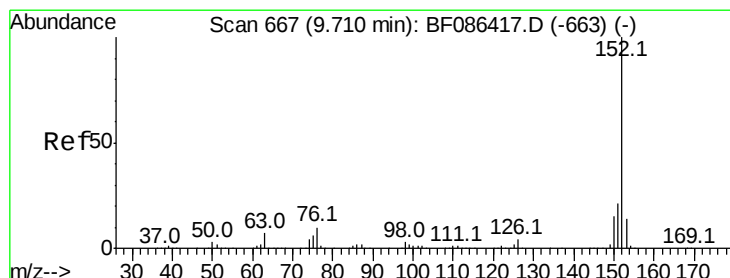
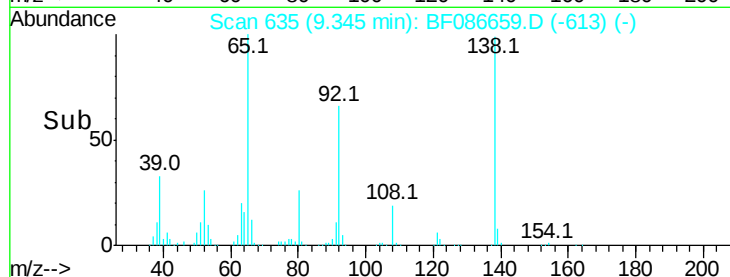
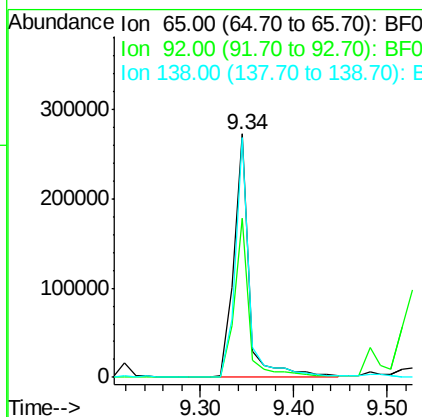
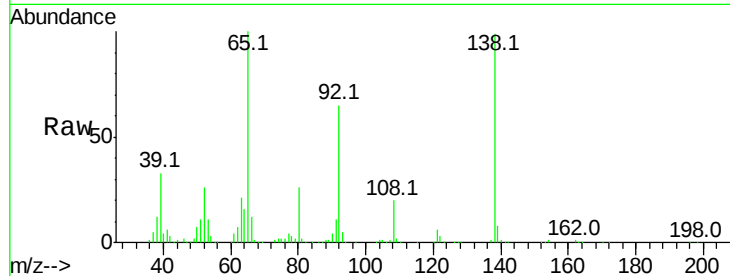
#47
2-Nitroaniline
Concen: 52.36 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	57.4	86.2
138	98.6	90.1	135.1

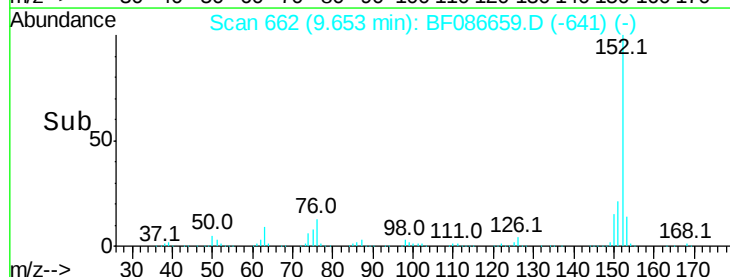
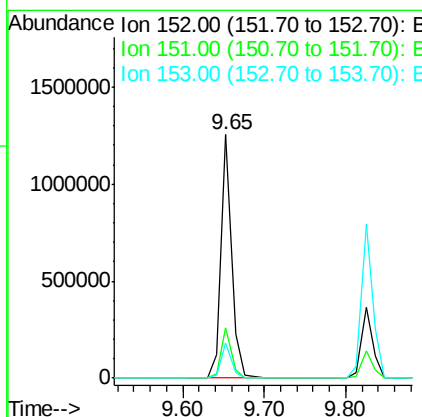
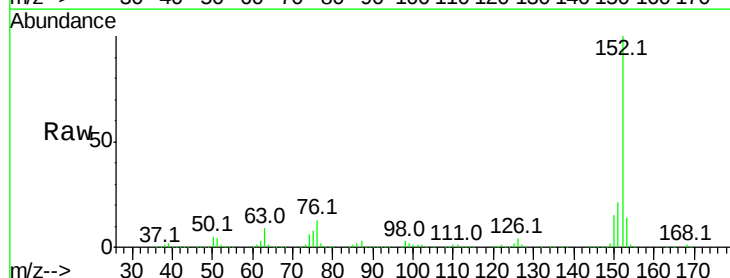
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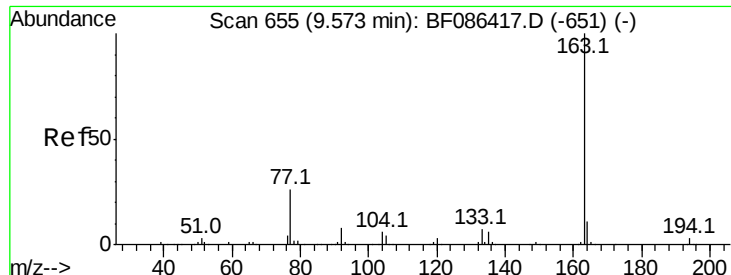
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#48
Acenaphthylene
Concen: 38.23 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.9	16.3





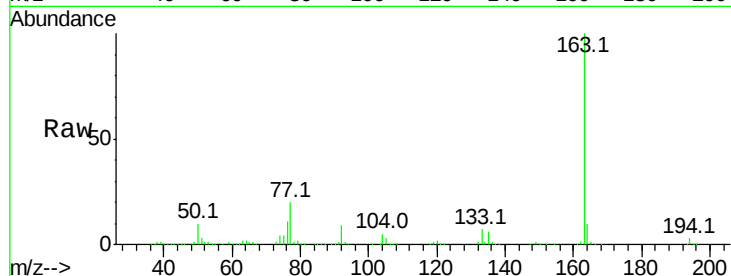
#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

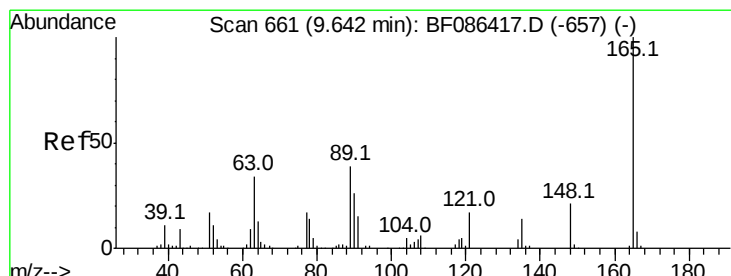
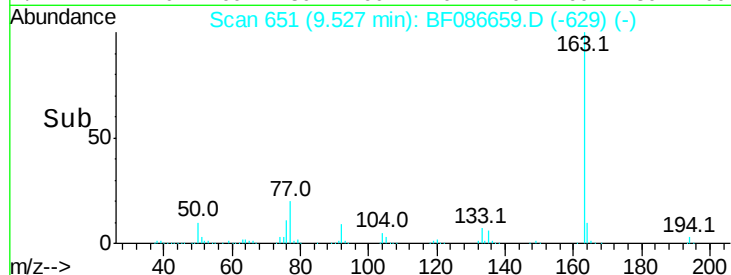
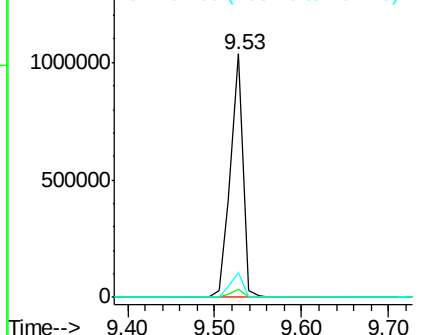
Tot Ion:163 Resp: 1044327
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.2 12.4

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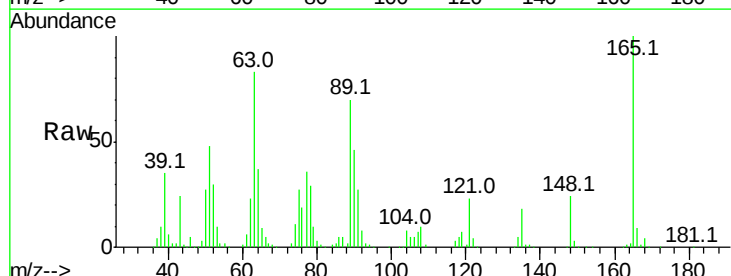


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

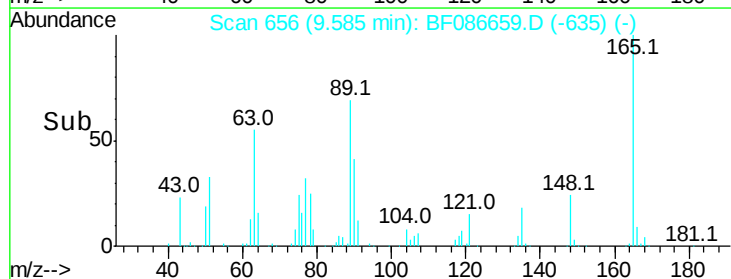
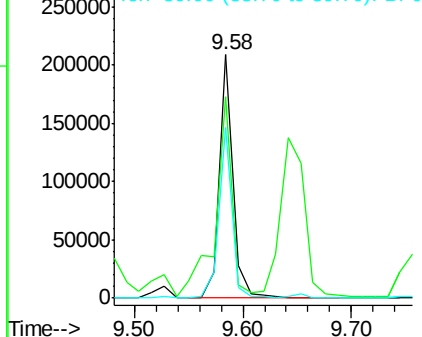


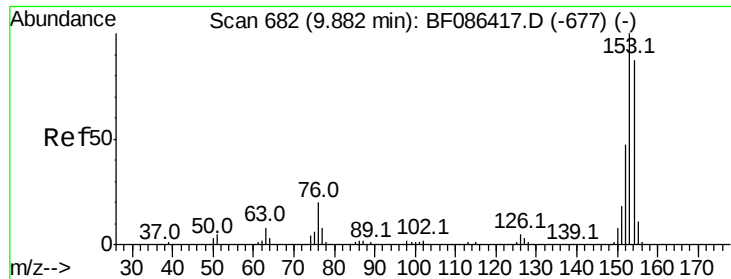
#50
2,6-Dinitrotoluene
Concen: 39.90 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion:165 Resp: 184029
Ion Ratio Lower Upper
165 100
63 82.5 51.8 77.8#
89 70.3 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: 36.37 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

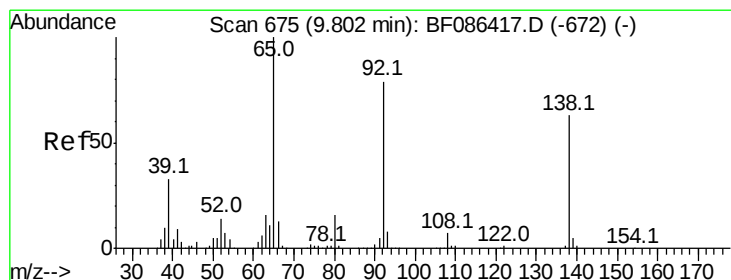
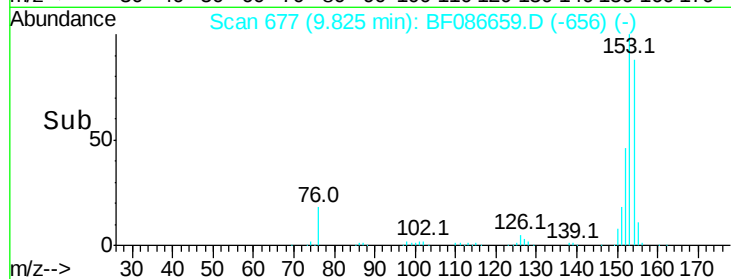
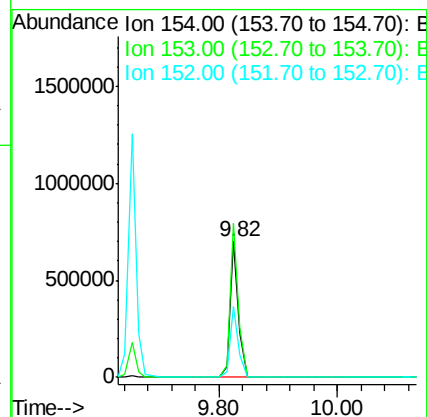
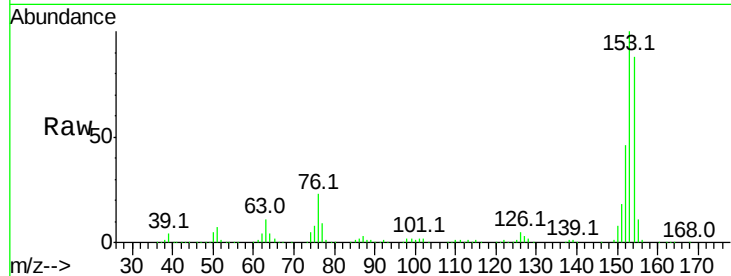
ClientSampleId :

SSTDCCC040

Tot Ion:154	Resp: 688204
Ion Ratio	Lower Upper
154 100	
153 113.1	89.8 134.6
152 52.4	43.4 65.0

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#52

3-Nitroaniline

Concen: 44.03 ng

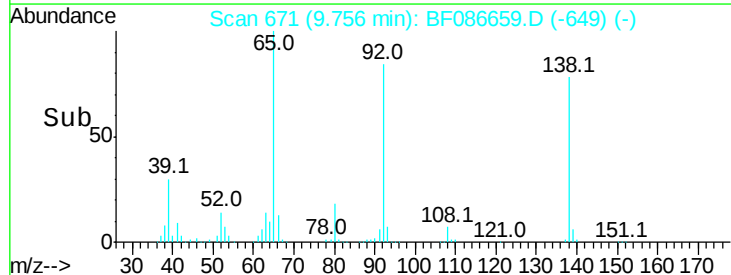
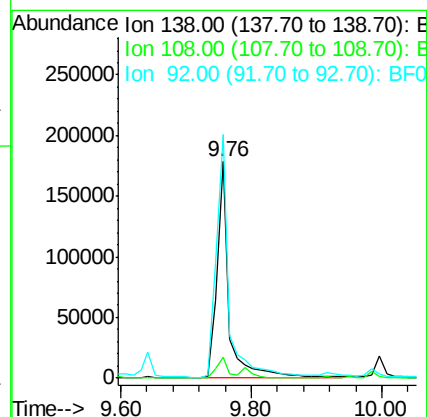
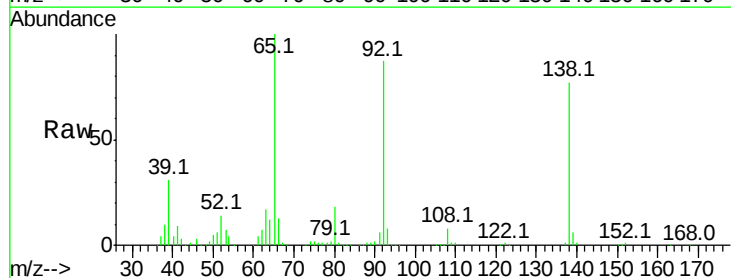
RT: 9.76 min Scan# 671

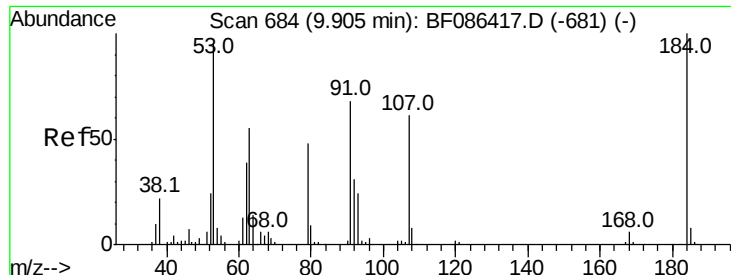
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:138	Resp: 230982
Ion Ratio	Lower Upper
138 100	
108 9.9	7.8 11.6
92 112.5	87.8 131.8





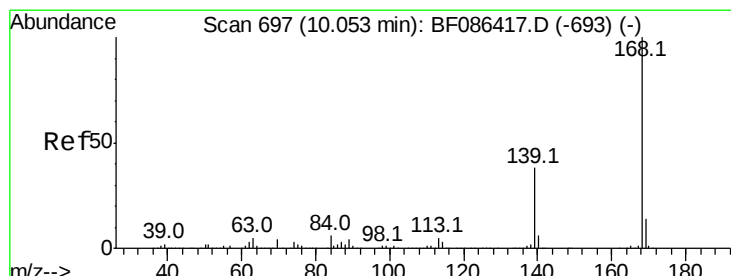
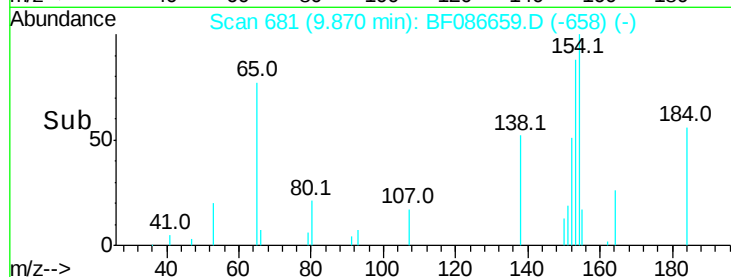
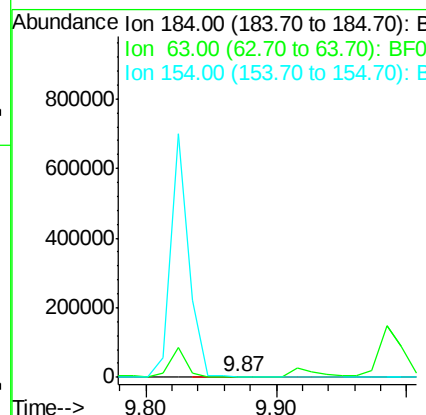
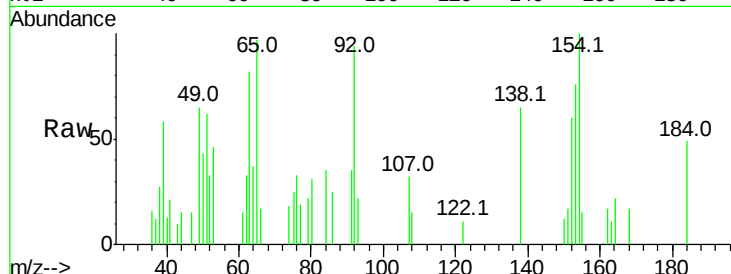
#53
 2,4-Dinitrophenol
 Concen: 9.26 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.03 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion:184 Resp: 4000
 Ion Ratio Lower Upper
 184 100
 63 167.0 55.8 83.8#
 154 204.4 62.4 93.6#

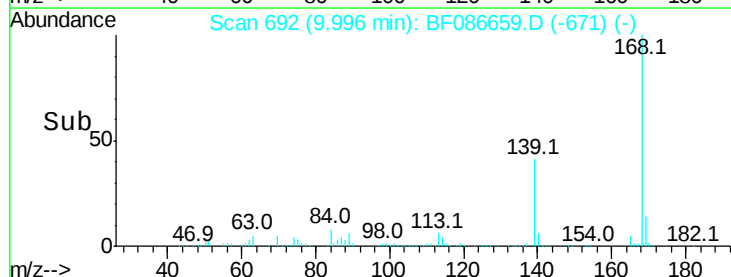
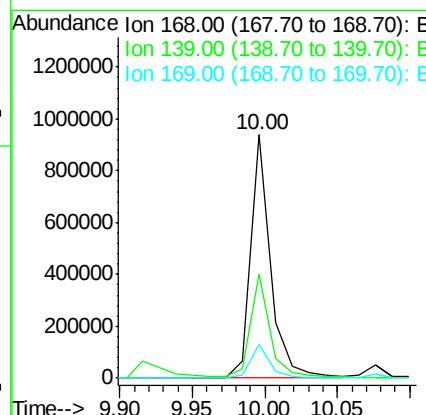
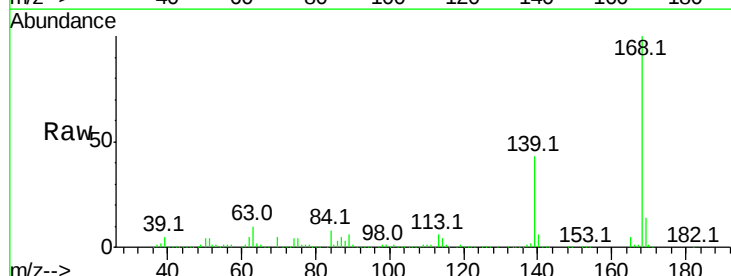
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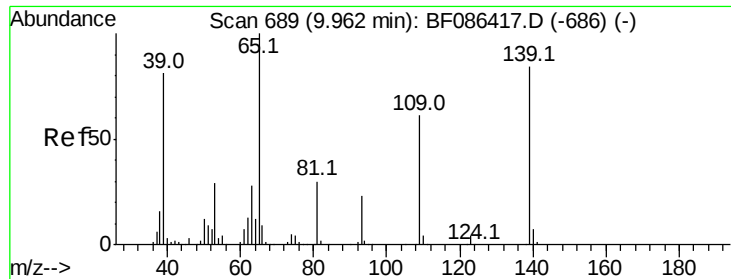
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#54
 Dibenzofuran
 Concen: 37.92 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion:168 Resp: 896818
 Ion Ratio Lower Upper
 168 100
 139 42.8 31.4 47.0
 169 13.8 10.7 16.1





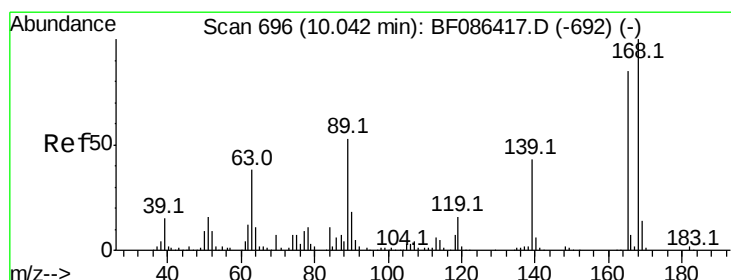
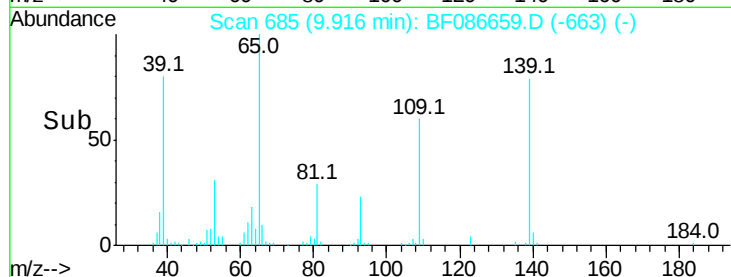
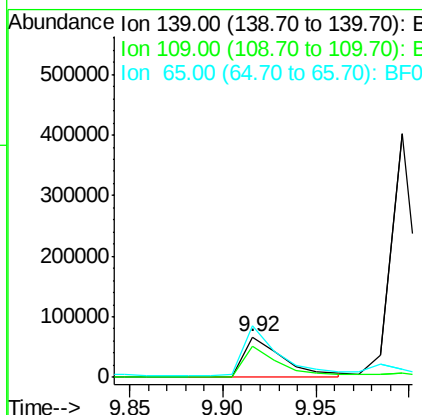
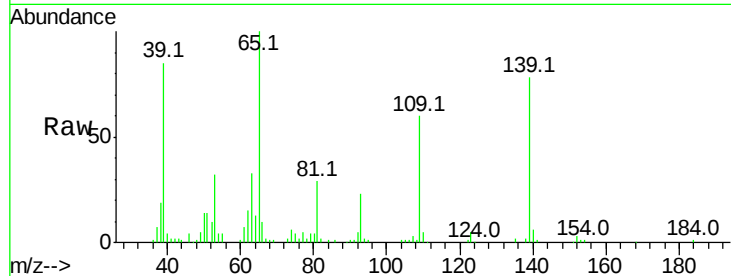
#55
4-Nitrophenol
Concen: 28.94 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.0	36.9	76.9#
65	127.8	64.0	104.0#

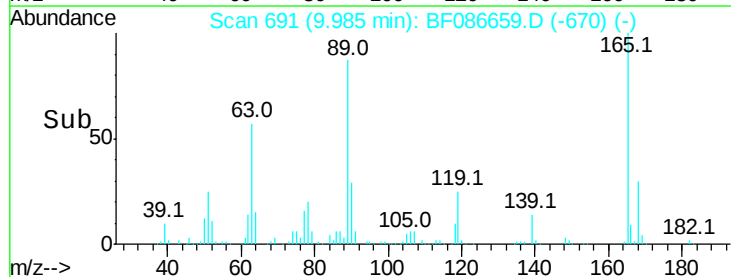
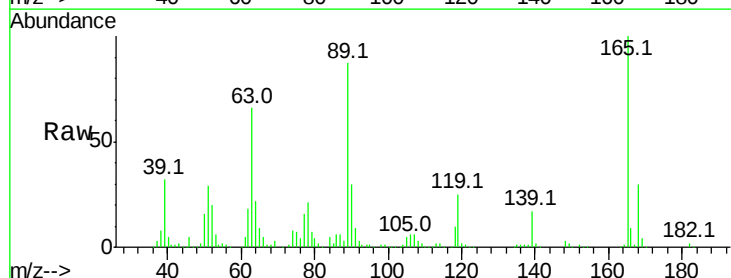
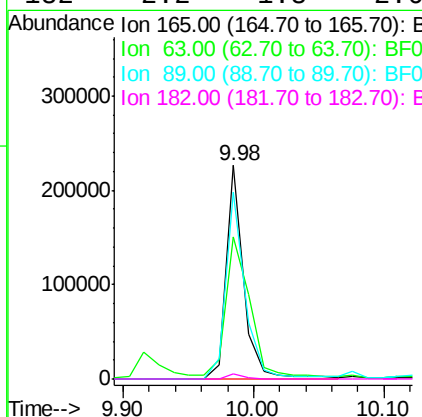
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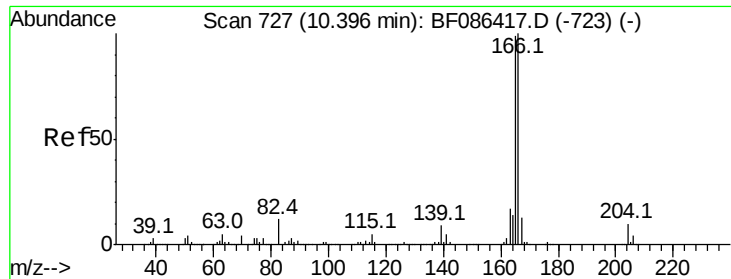
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#56
2,4-Dinitrotoluene
Concen: 36.23 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.3	44.3	66.5
89	87.4	70.0	105.0
182	2.2	1.8	2.6





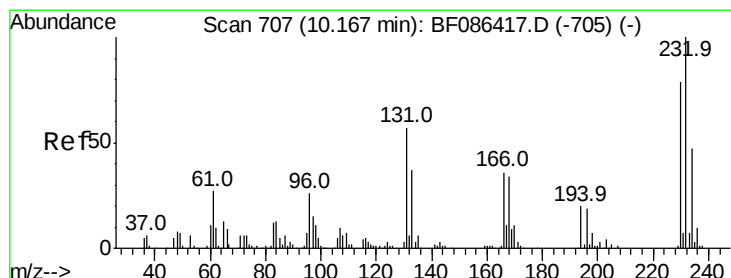
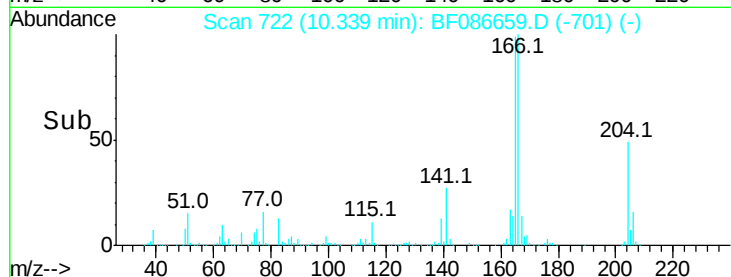
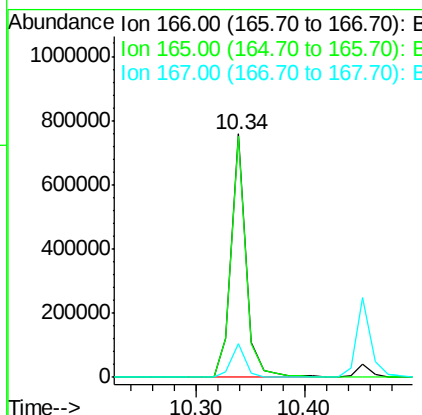
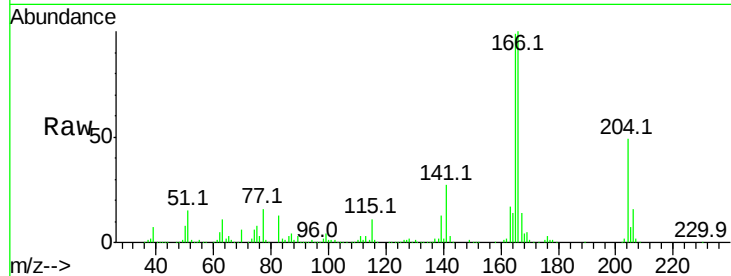
#57
 Fluorene
 Concen: 34.95 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	717670		
165	99.1	79.0	118.6	
167	13.6	10.6	15.8	

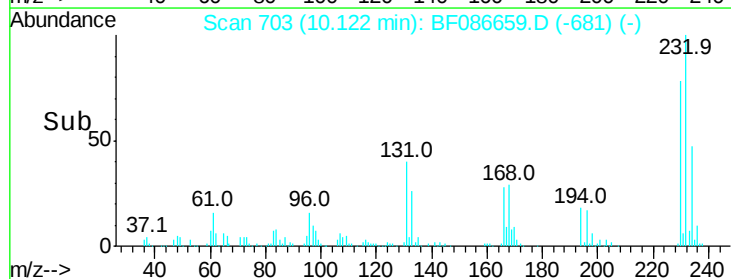
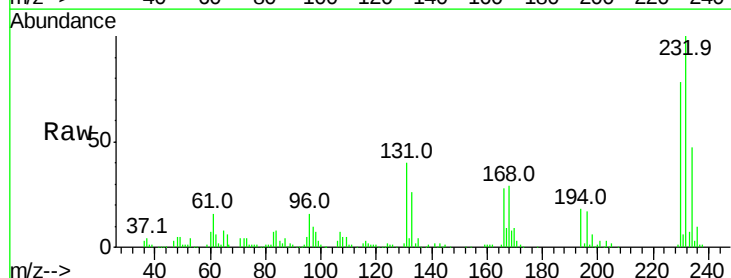
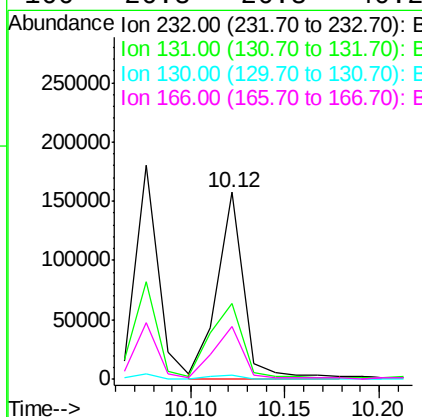
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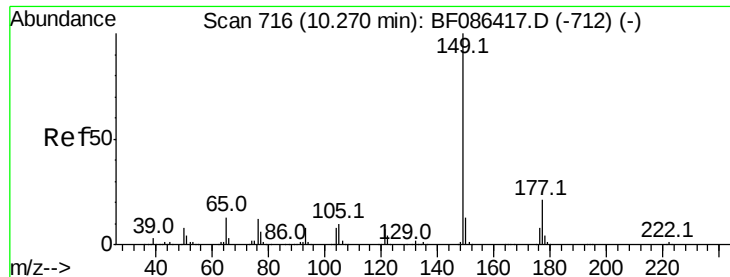
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.05 ng m
 RT: 10.12 min Scan# 703
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	155712		
131	46.8	41.9	62.9	
130	2.6	2.2	3.4	
166	26.8	26.8	40.2#	





#59

Diethylphthalate

Concen: 44.61 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

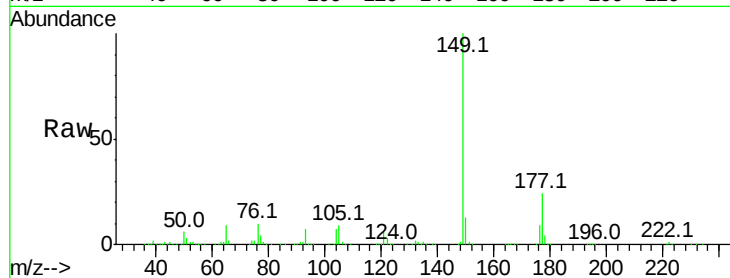
ClientSampleId :

SSTDCCC040

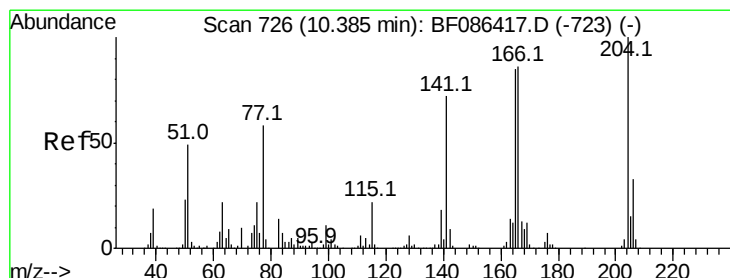
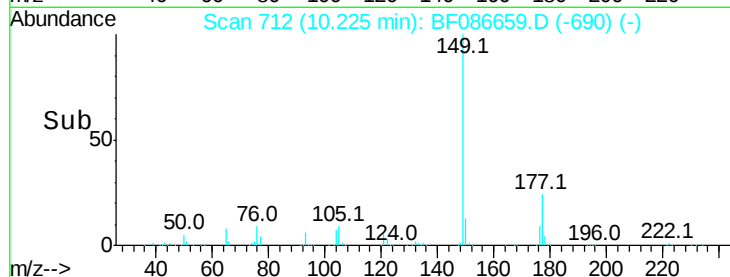
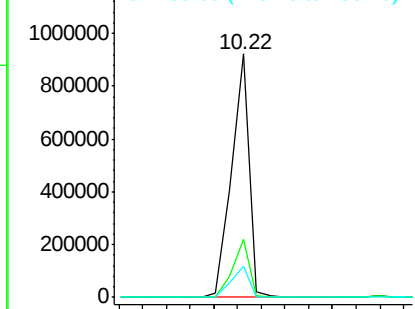
Tot Ion:	149	Resp:	942820
Ion Ratio	Lower	Upper	
149	100		
177	23.6	16.6	24.8
150	12.7	10.0	15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.93 ng

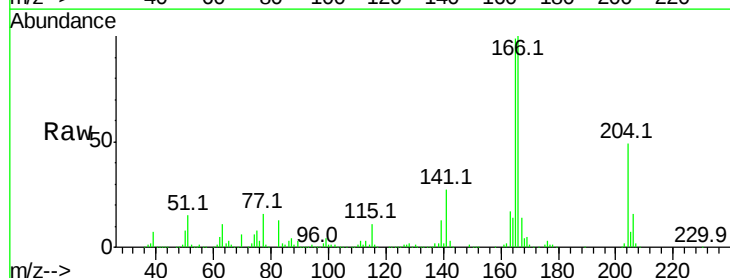
RT: 10.34 min Scan# 722

Delta R.T. -0.05 min

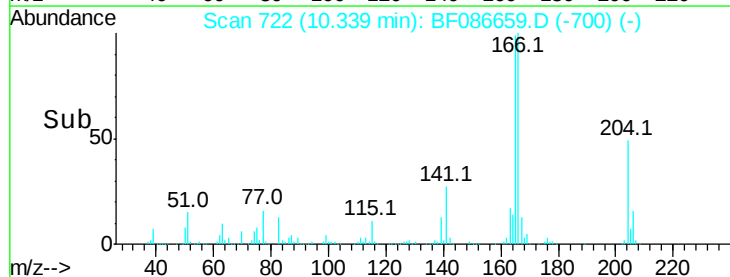
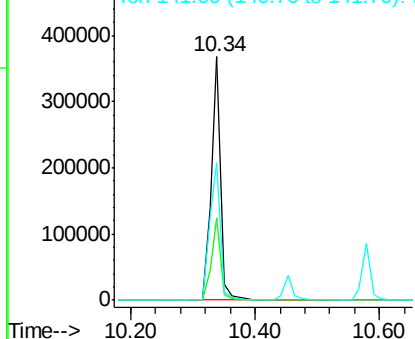
Lab File: BF086659.D

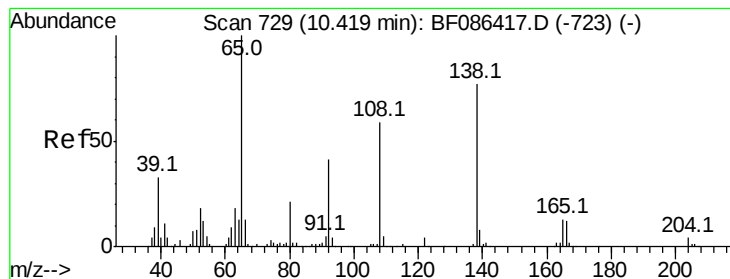
Acq: 3 May 2016 23:28

Tgt Ion:	204	Resp:	381612
Ion Ratio	Lower	Upper	
204	100		
206	33.6	25.4	38.0
141	56.2	61.6	92.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.15 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 210987
Ion Ratio Lower Upper

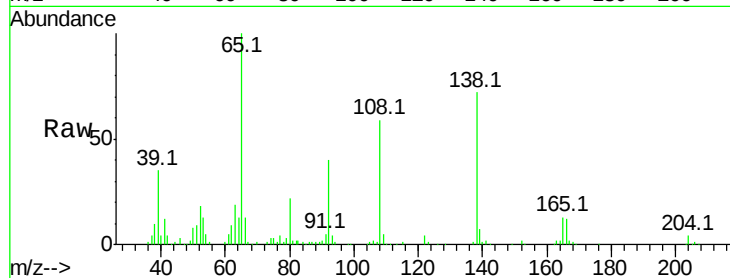
138 100

92 55.9 24.7 64.7

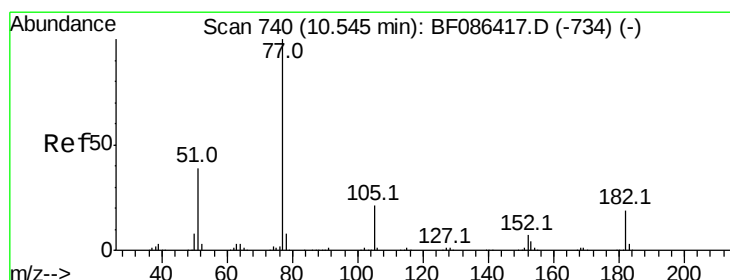
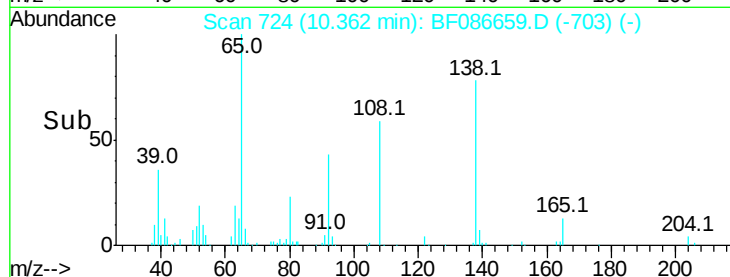
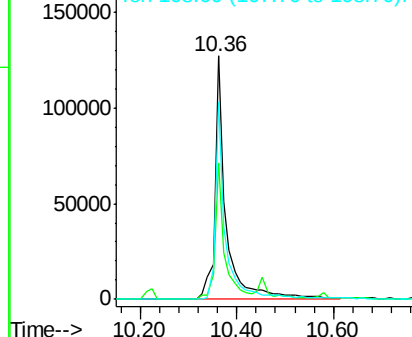
108 81.2 37.4 77.4#

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



#62

Azobenzene

Concen: 38.98 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion: 77 Resp: 902471
Ion Ratio Lower Upper

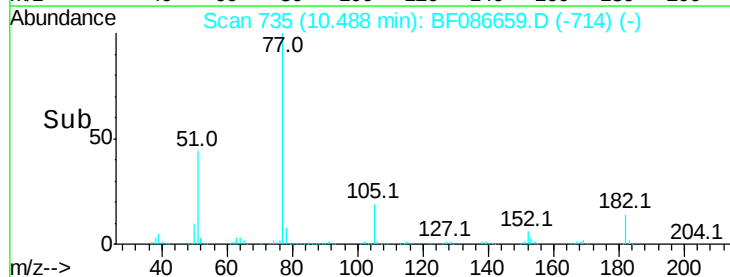
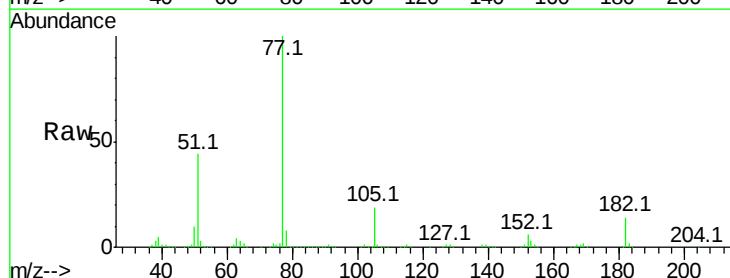
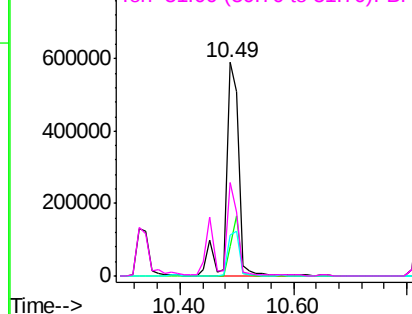
77 100

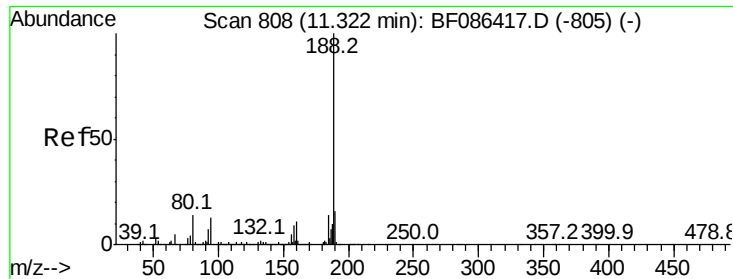
182 13.7 0.0 38.8

105 19.1 3.2 43.2

51 43.9 8.8 48.8

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

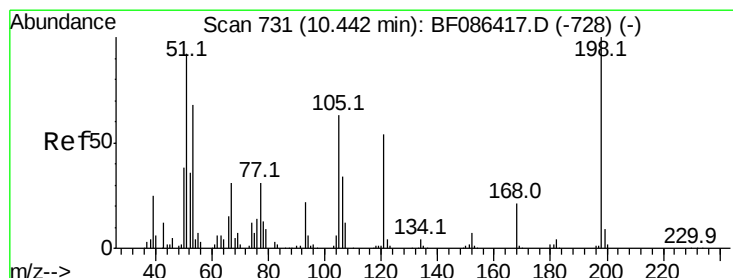
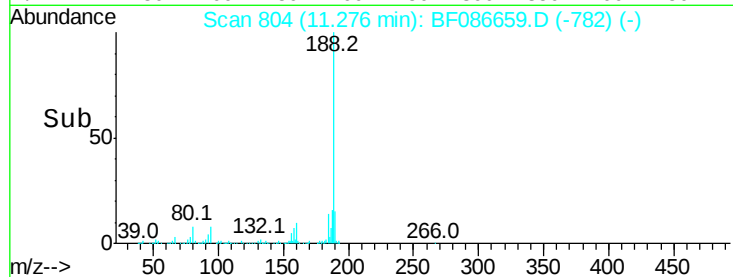
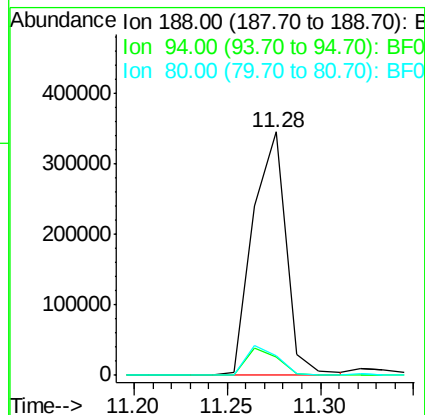
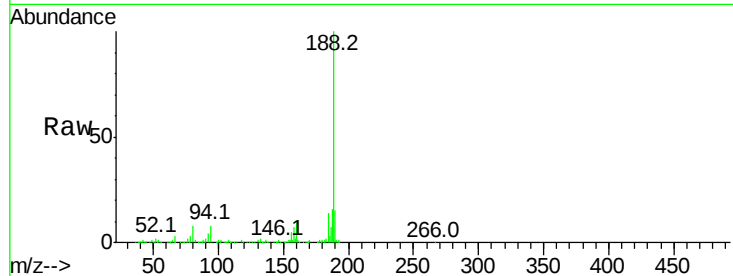
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	432394
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.8	10.2
80	8.1	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 4.27 ng

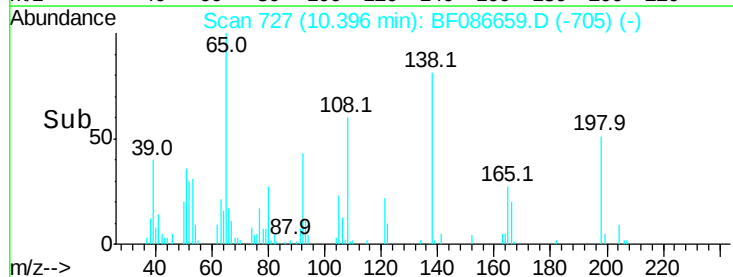
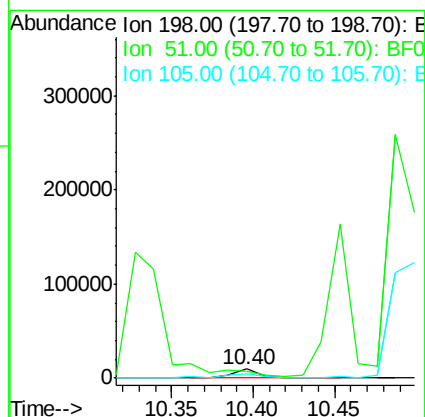
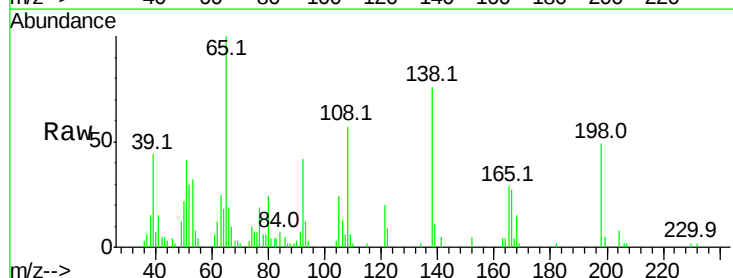
RT: 10.40 min Scan# 727

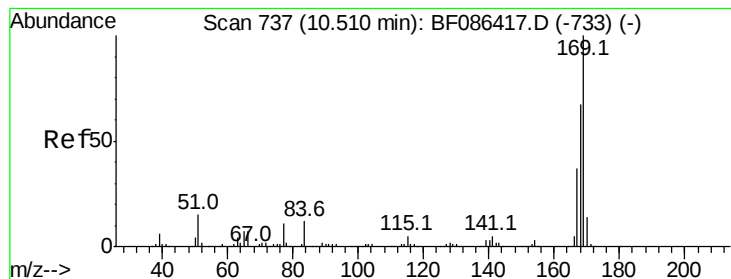
Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	198	Resp:	10847
Ion Ratio	Lower	Upper	
198	100		
51	82.8	20.5	60.5#
105	47.8	24.5	64.5





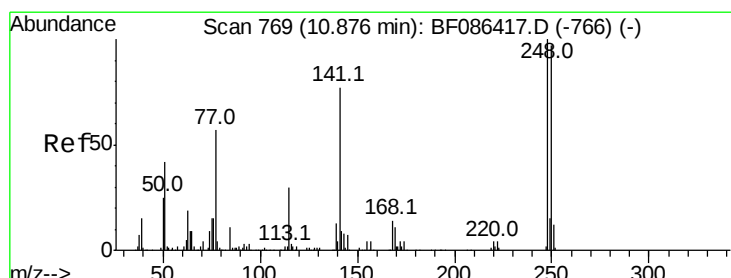
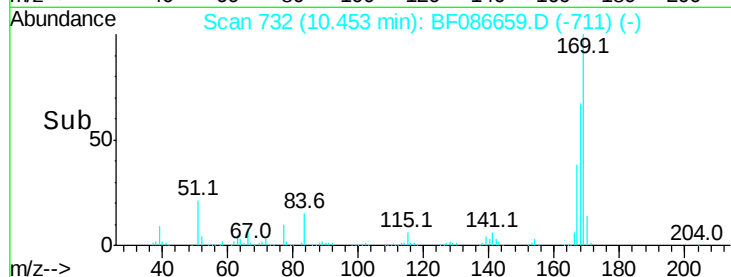
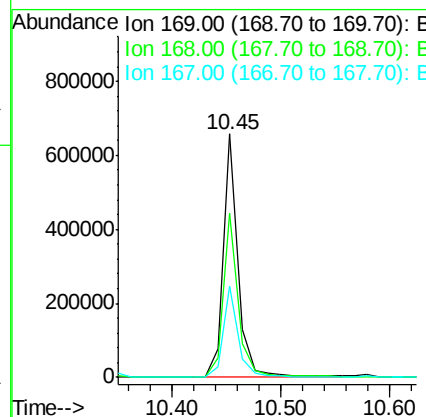
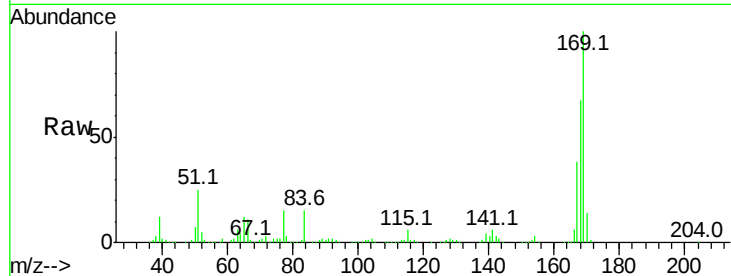
#65
n-Nitrosodiphenylamine
Concen: 47.08 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	636290		
168	67.3	53.8	80.6	
167	37.7	29.5	44.3	

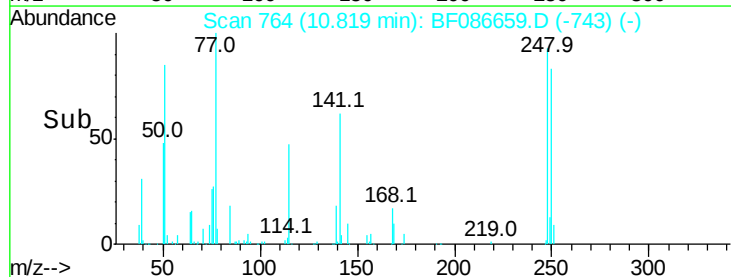
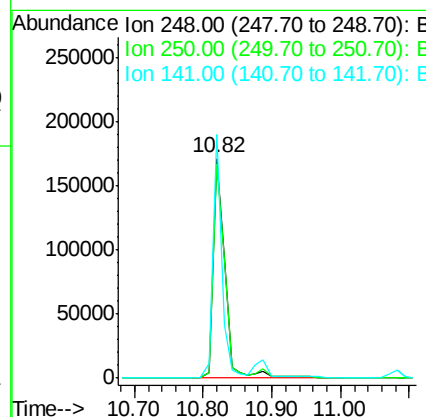
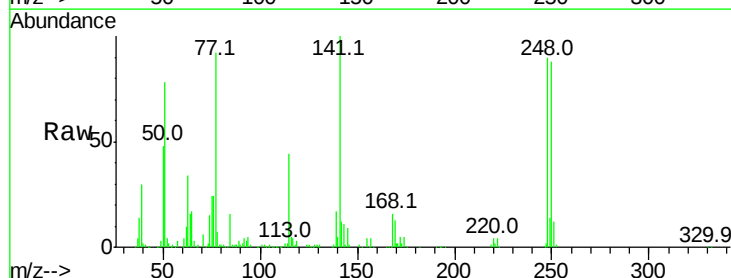
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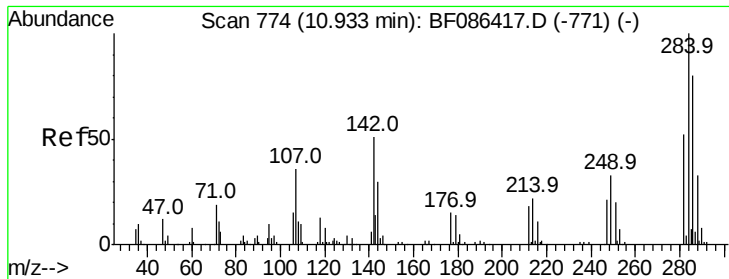
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#66
4-Bromophenyl-phenylether
Concen: 46.56 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207433		
250	97.4	78.6	117.8	
141	110.8	76.0	114.0	





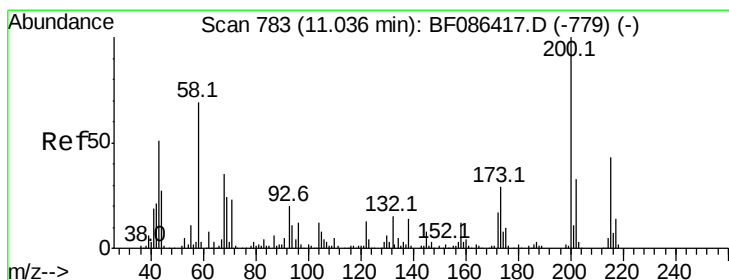
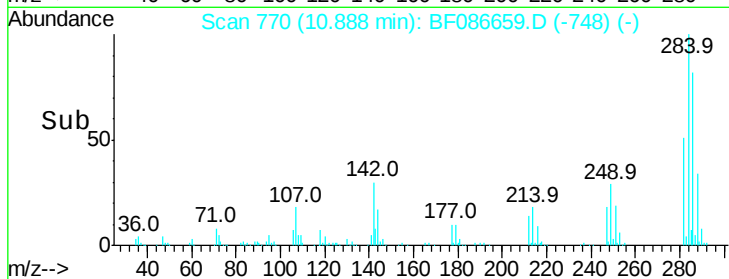
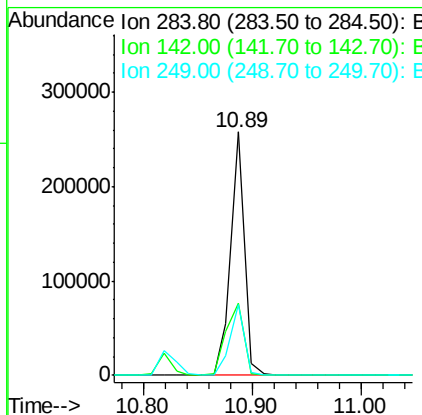
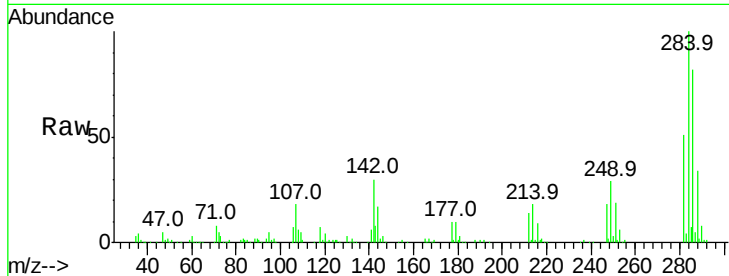
#67
Hexachlorobenzene
Concen: 43.72 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225471		
142	29.8	16.7	25.1#	
249	29.3	21.3	31.9	

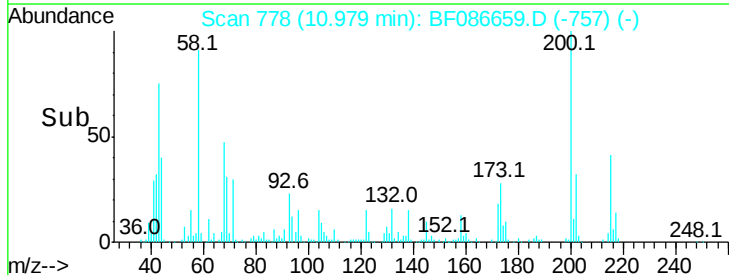
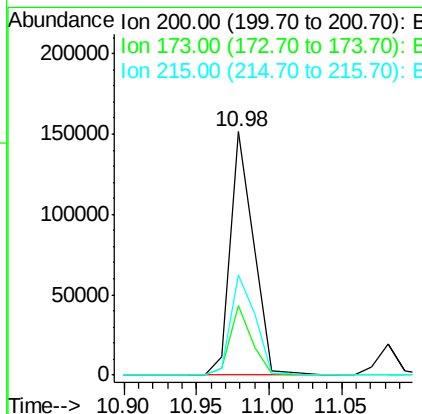
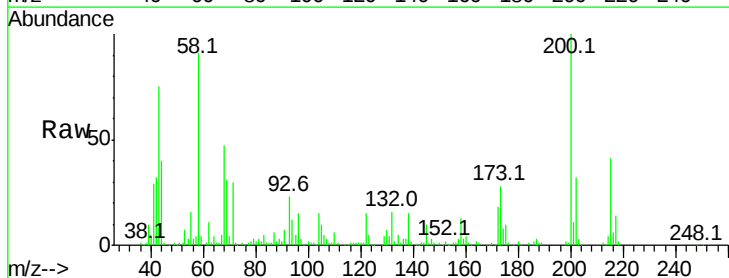
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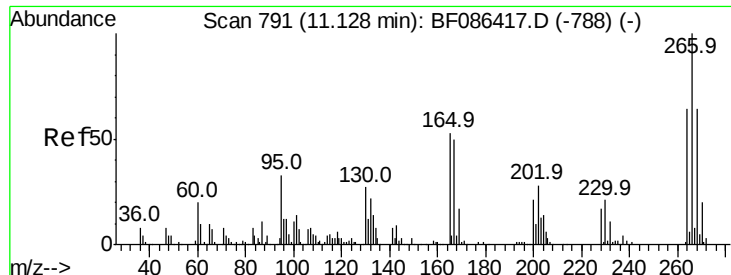
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#68
Atrazine
Concen: 41.45 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168221		
173	28.3	8.5	48.5	
215	41.2	27.2	67.2	





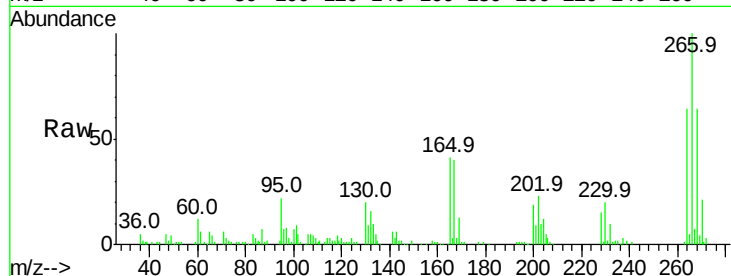
#69
 Pentachlorophenol
 Concen: 38.90 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

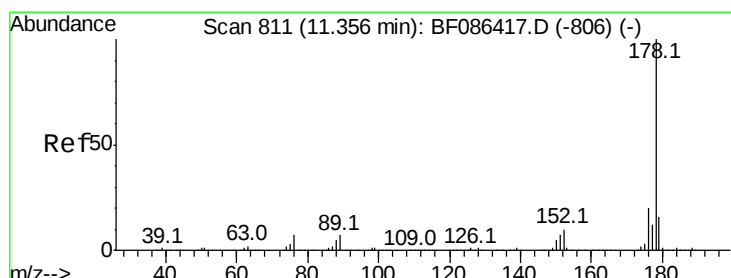
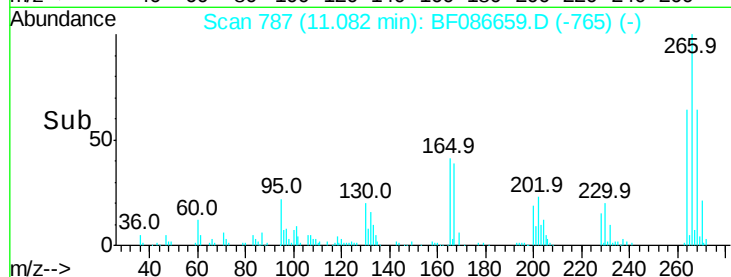
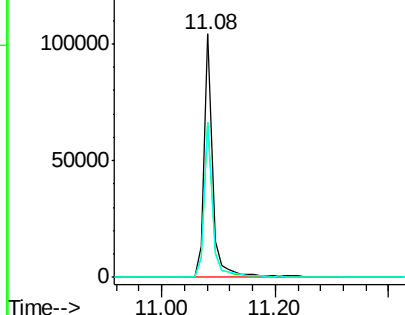
Tot Ion	Ratio	Resp	Lower	Upper
266	100	105777		
268	63.7	51.5	77.3	
264	63.6	52.9	79.3	

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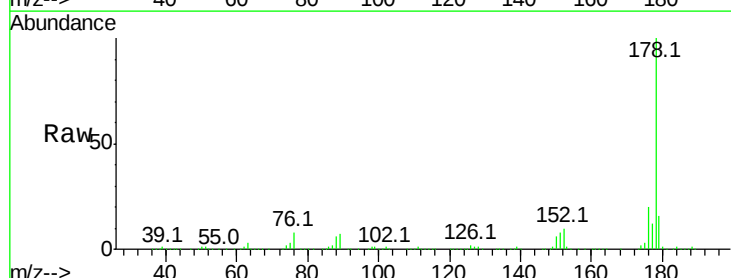


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

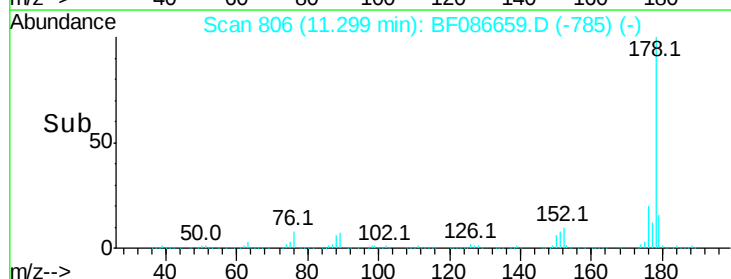
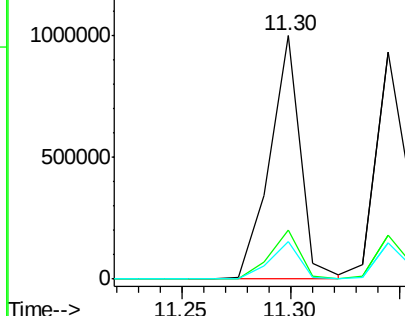


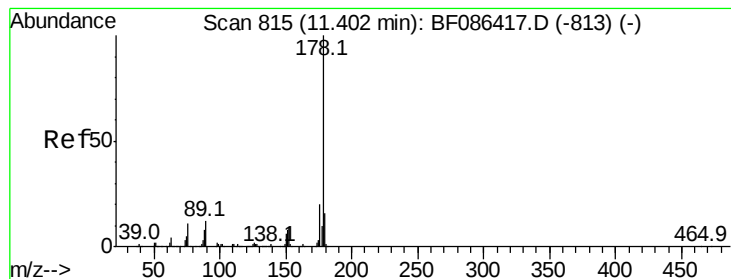
#70
 Phenanthrene
 Concen: 43.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	980065		
176	20.2	16.0	24.0	
179	15.6	12.6	18.8	



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





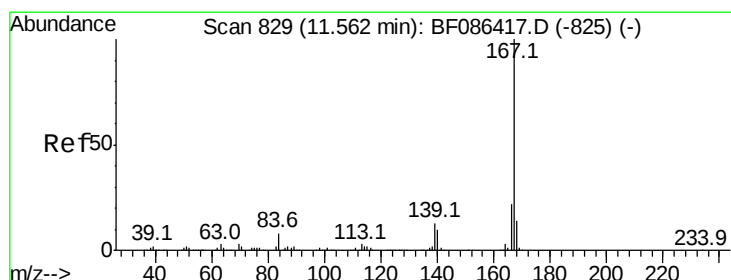
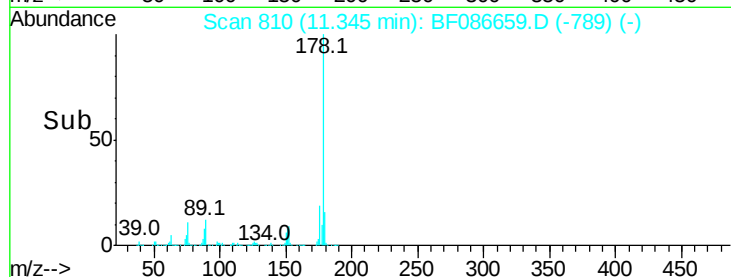
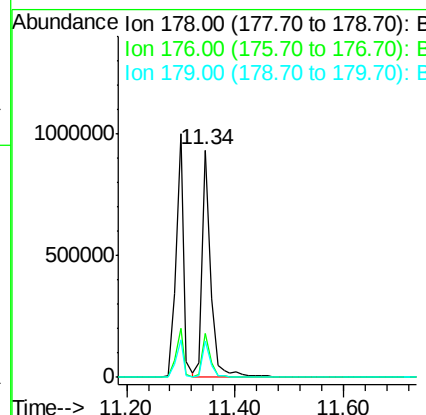
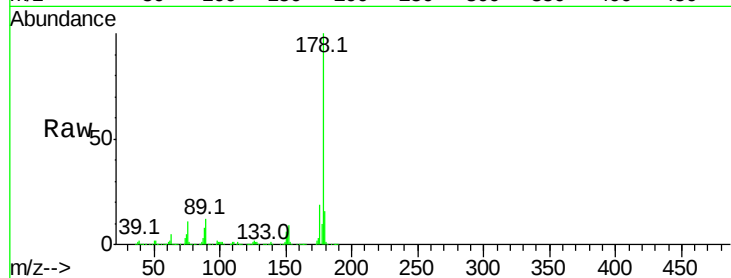
#71
 Anthracene
 Concen: 41.63 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

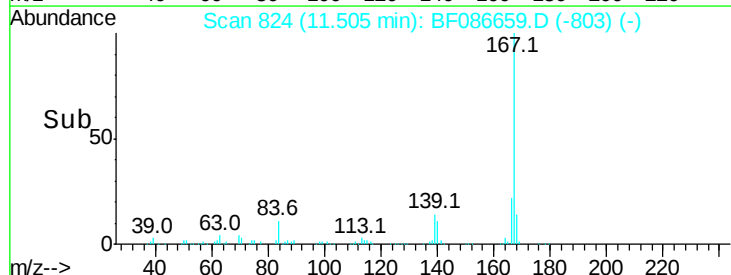
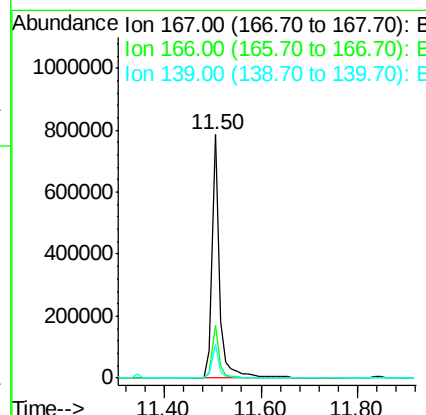
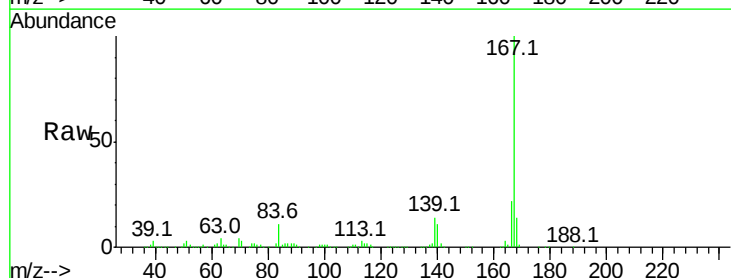
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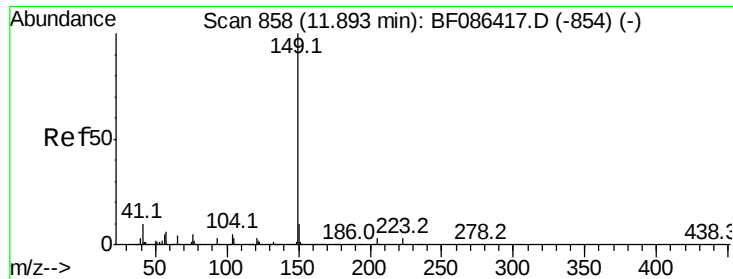
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#72
 Carbazole
 Concen: 40.06 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 47.52 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1155533

Ion Ratio Lower Upper

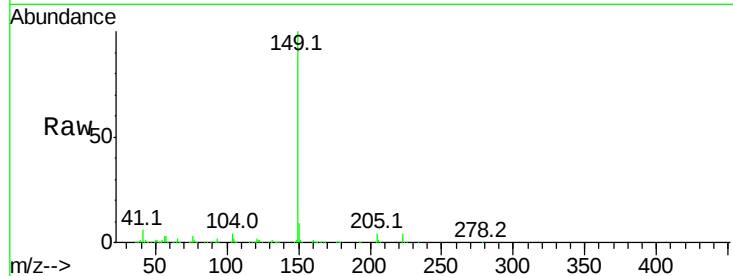
149 100

150 9.0 7.6 11.4

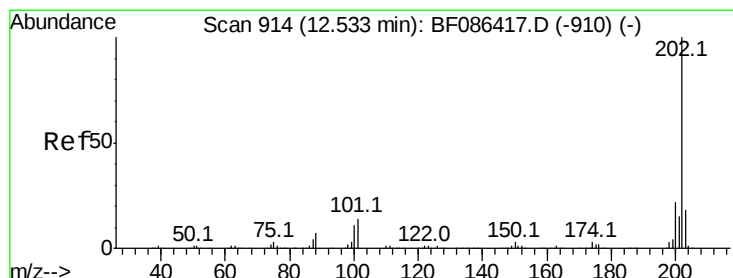
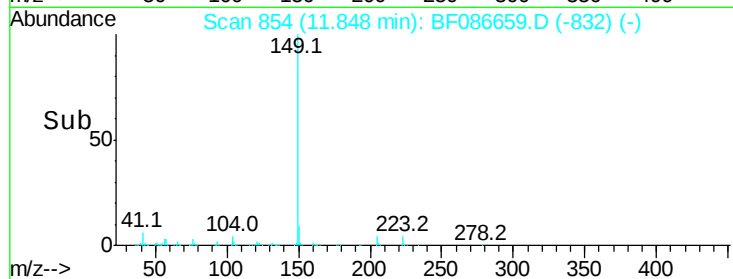
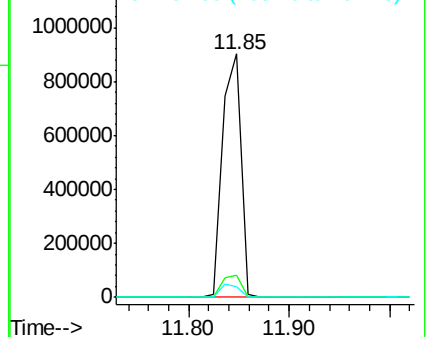
104 4.2 3.8 5.6

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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: 39.06 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

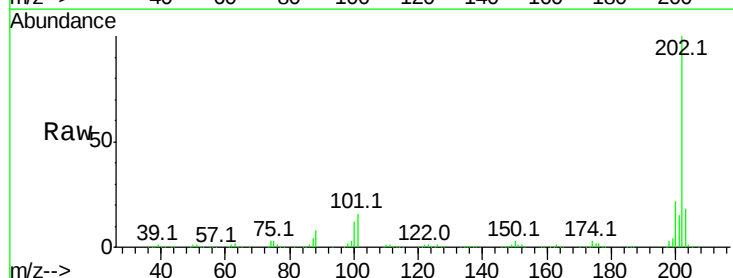
Tgt Ion:202 Resp: 894743

Ion Ratio Lower Upper

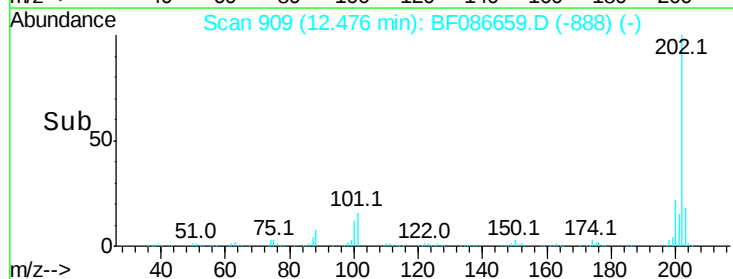
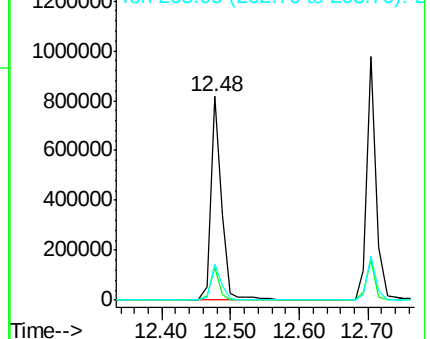
202 100

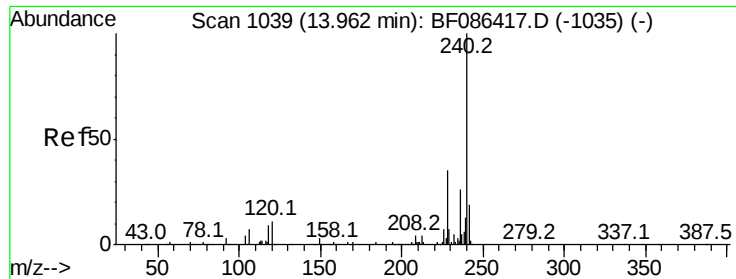
101 16.0 0.0 35.4

203 18.1 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: 13.90 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

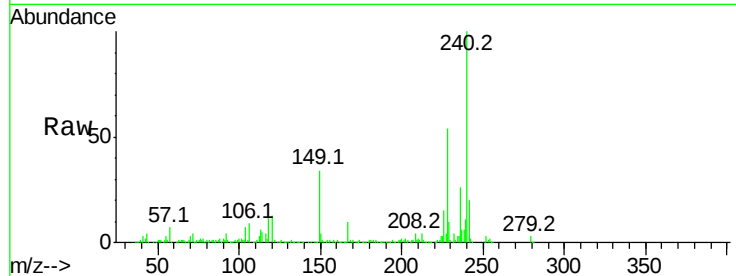
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	382133
Ion Ratio	Lower	Upper	
240	100		
120	13.3	11.2	16.8
236	26.4	21.2	31.8

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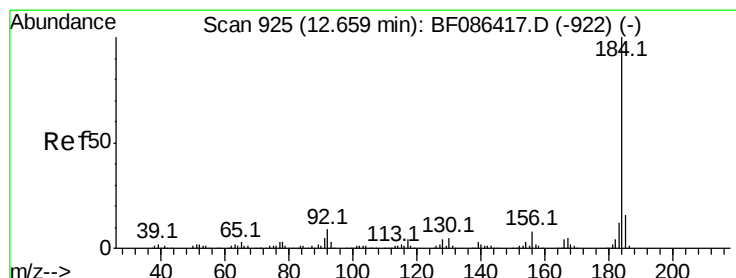
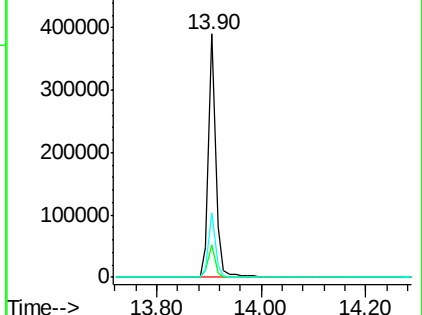
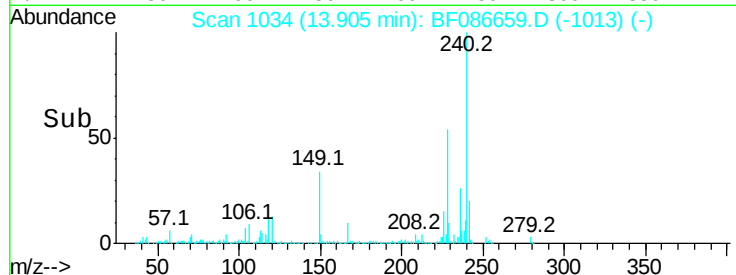
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.93 ng

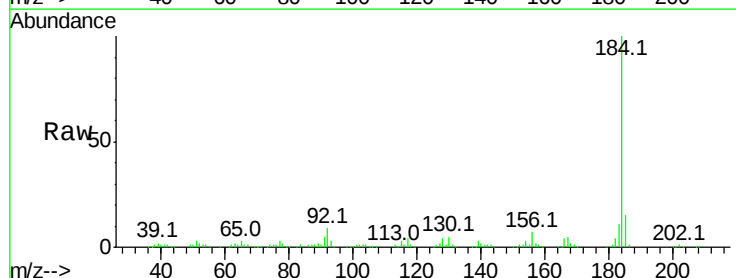
RT: 12.61 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

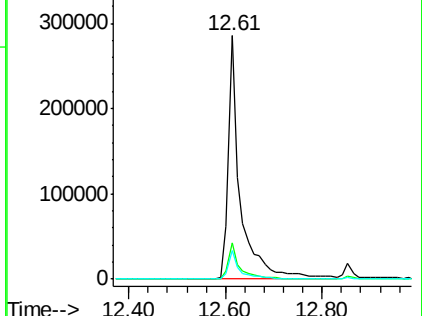
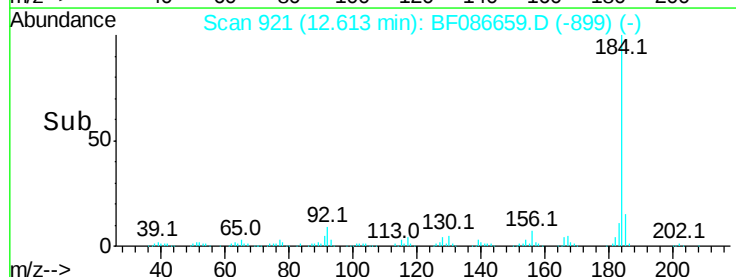
Tgt Ion:	184	Resp:	498068
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.5	9.8	14.6

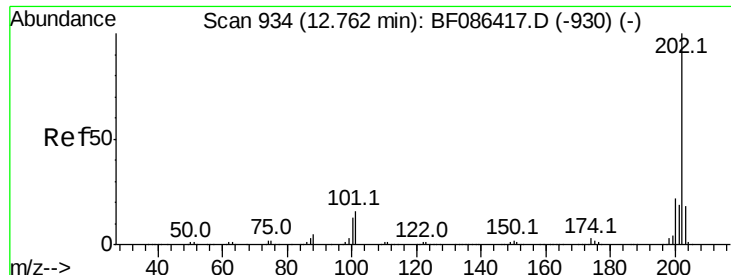


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





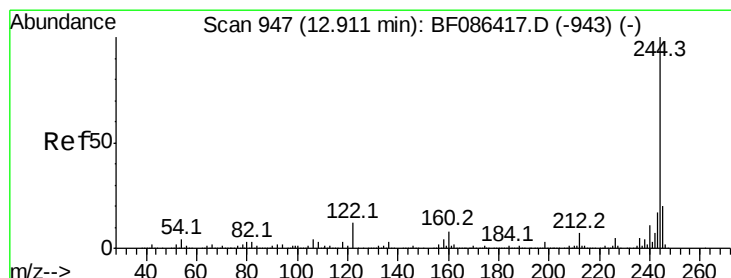
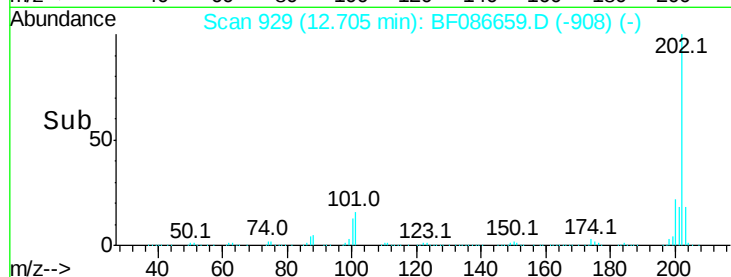
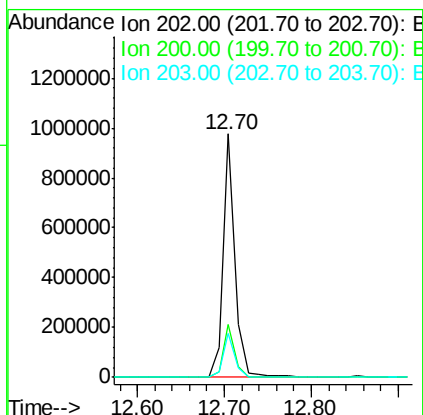
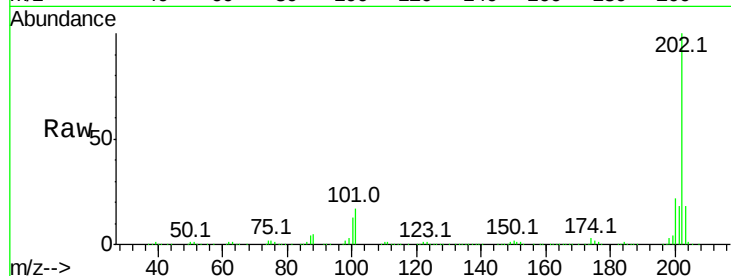
#77
Pvrene
Concen: 33.73 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	14.2	21.4

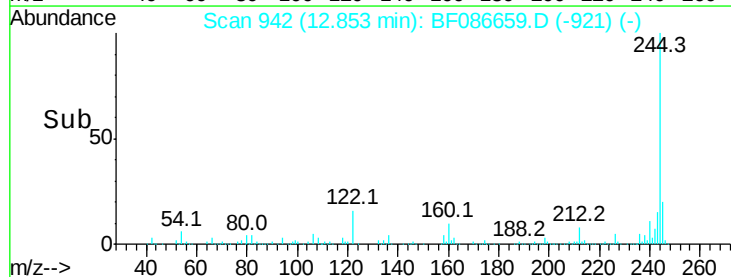
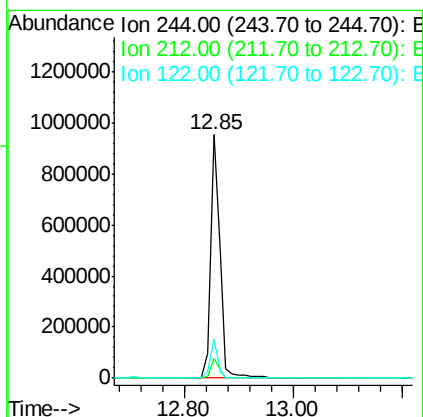
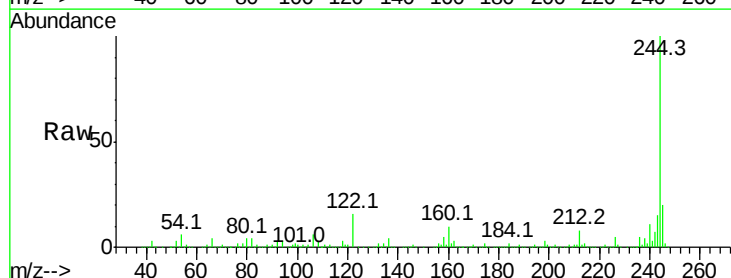
Manual Integrations
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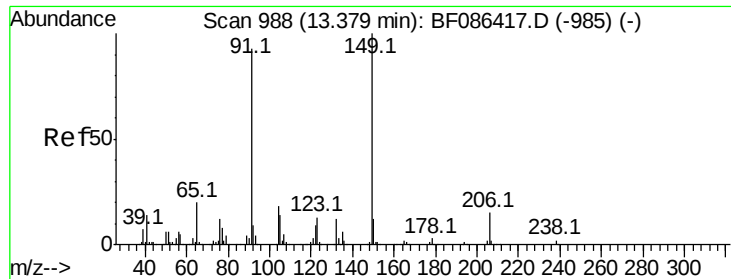
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#78
Terphenyl-d14
Concen: 65.50 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.7	12.0	18.0





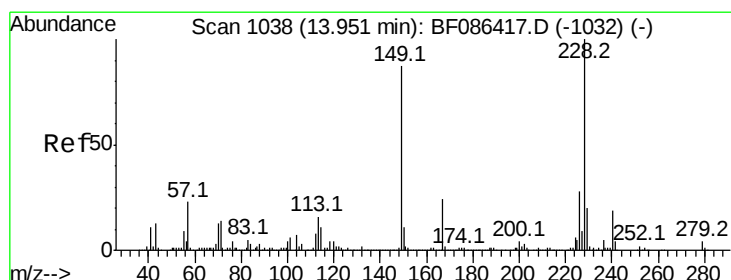
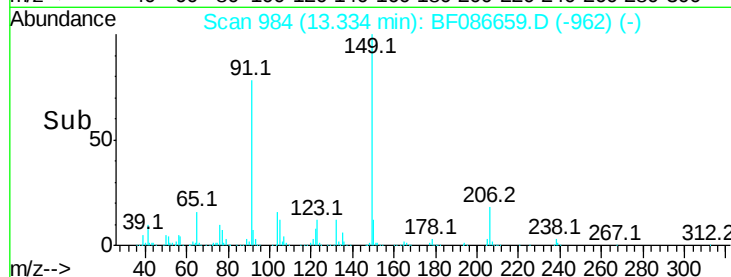
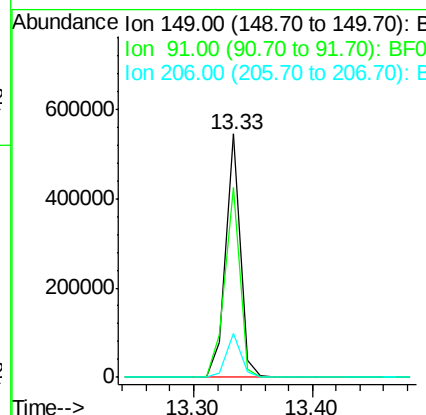
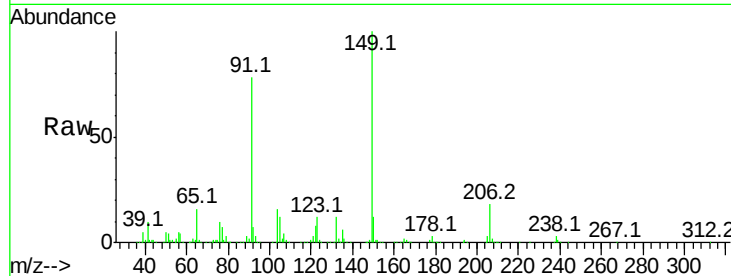
#79
 Butylbenzylphthalate
 Concen: 38.55 ng
 RT: 13.33 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	459703		
91	78.0	48.0	72.0#	
206	18.3	15.8	23.6	

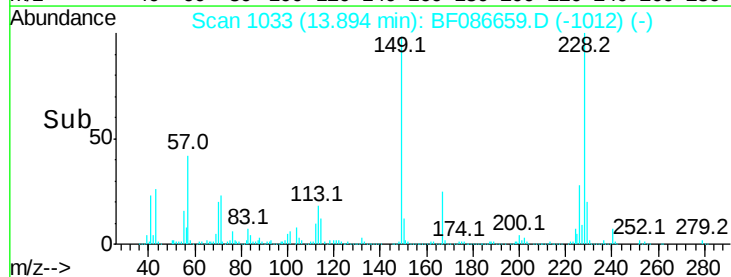
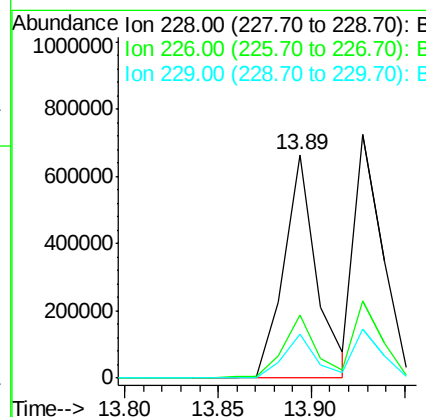
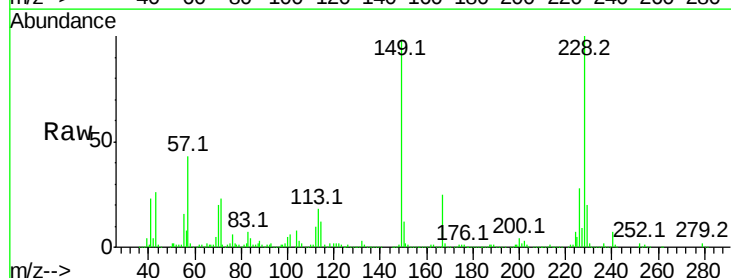
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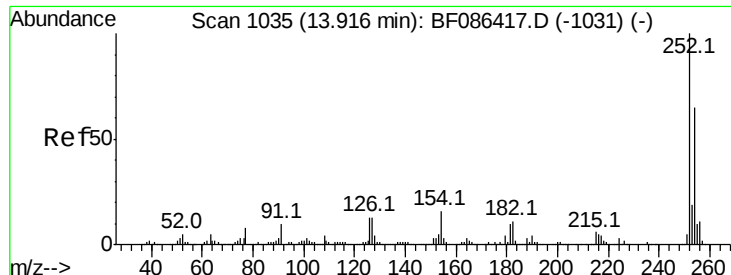
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#80
 Benzo(a)anthracene
 Concen: 39.92 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	813377		
226	28.1	22.5	33.7	
229	19.8	16.6	25.0	





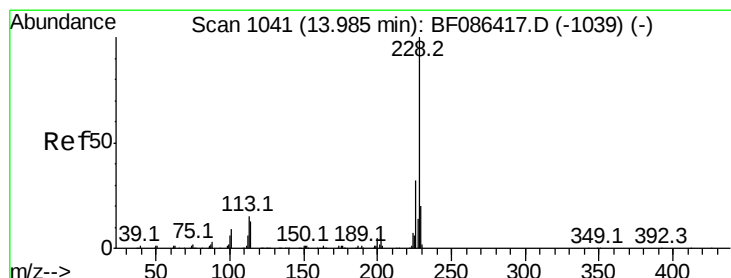
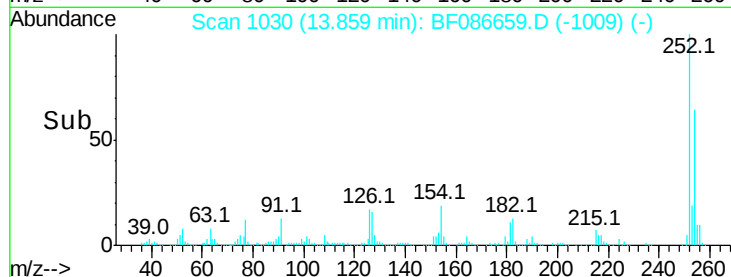
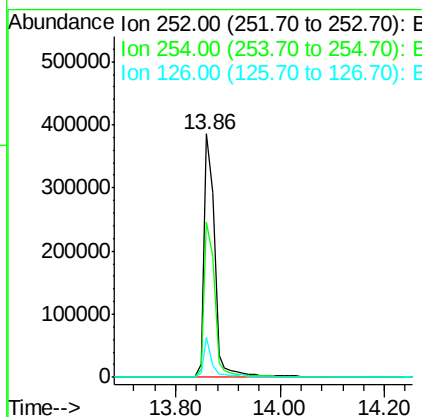
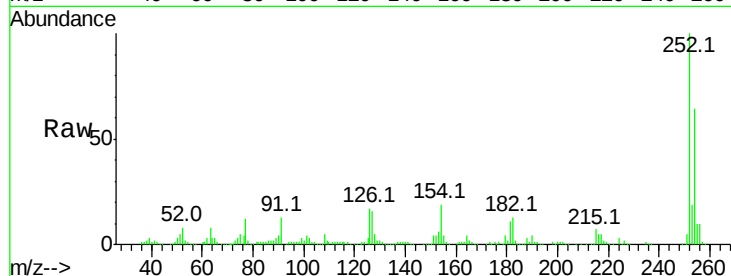
#81
 3,3'-Dichlorobenzidine
 Concen: 40.77 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	555248		
254	63.8		50.7	76.1
126	16.6		12.7	19.1

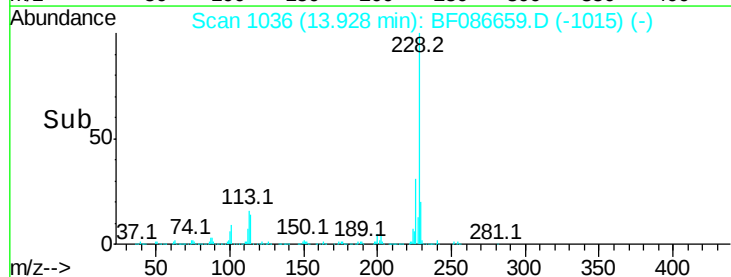
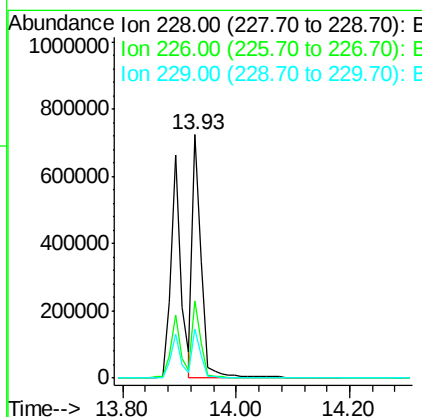
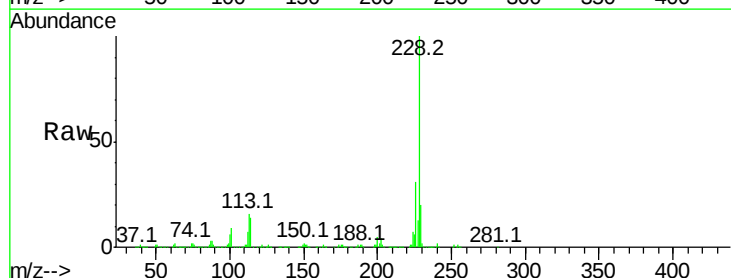
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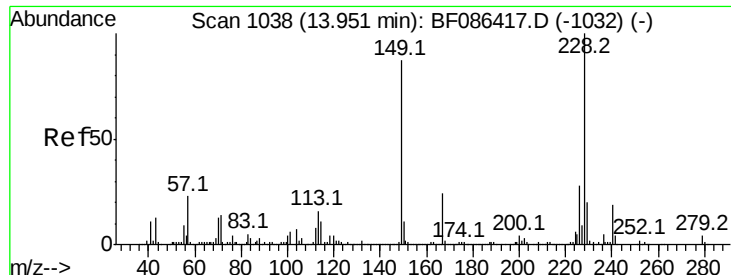
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#82
 Chrysene
 Concen: 36.89 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	816917		
226	31.5		24.4	36.6
229	20.2		15.8	23.8





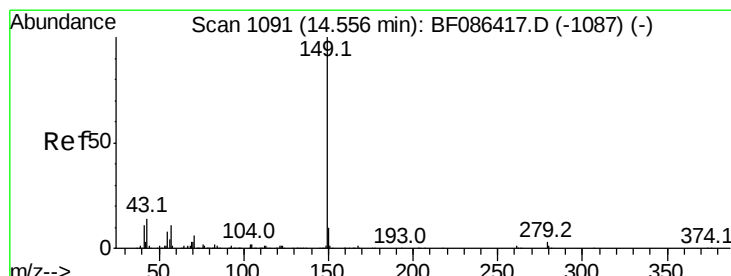
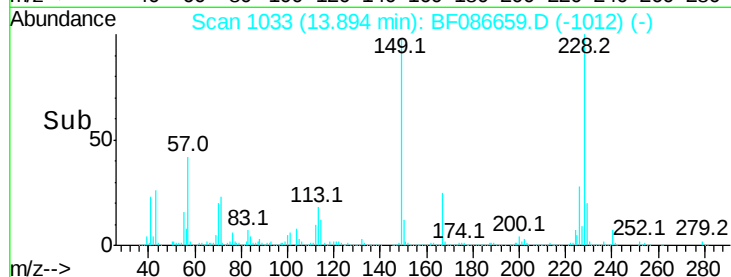
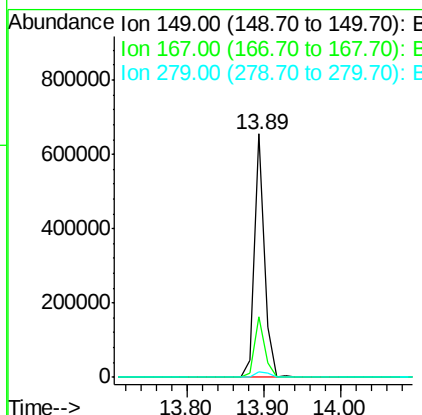
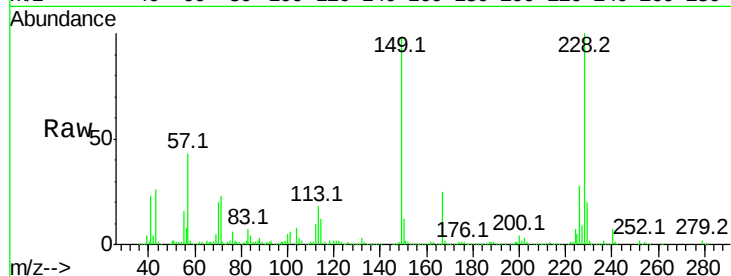
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.32 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.9	21.8	32.6	
279	2.3	2.6	4.0	

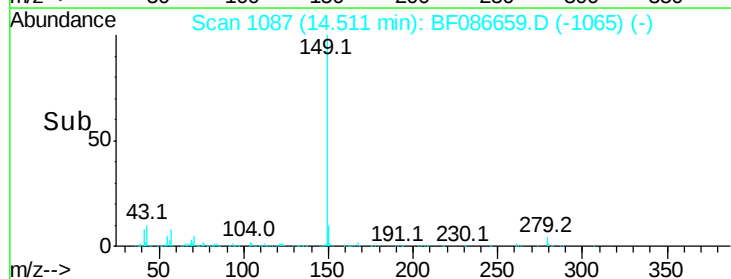
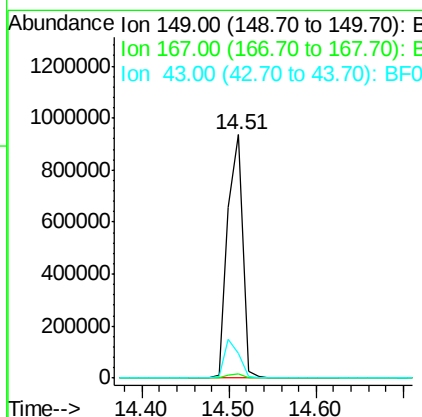
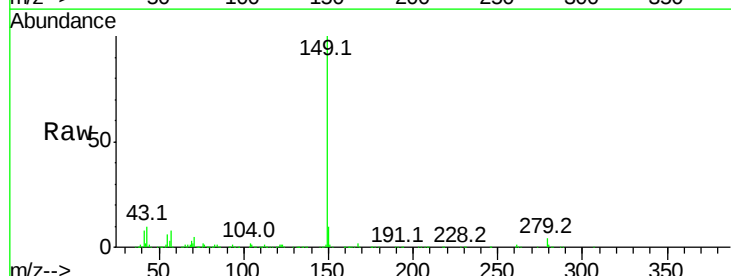
Manual Integrations
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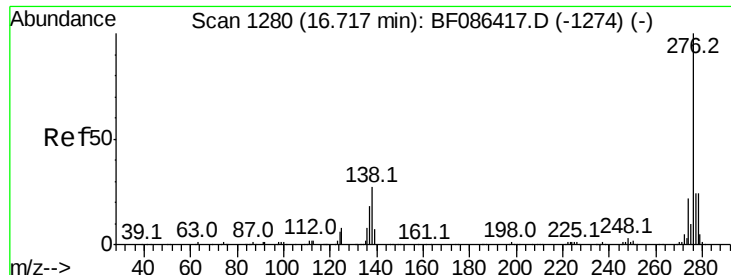
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#84
 Di-n-octyl phthalate
 Concen: 48.72 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	15.5	8.2	12.4	





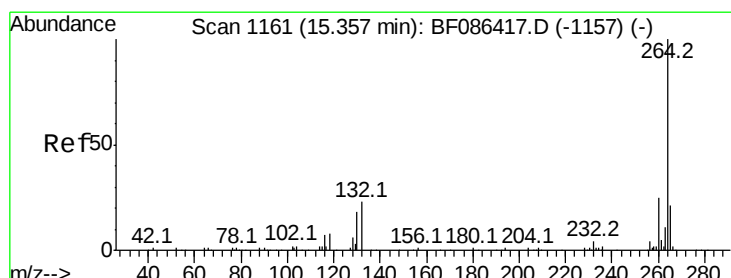
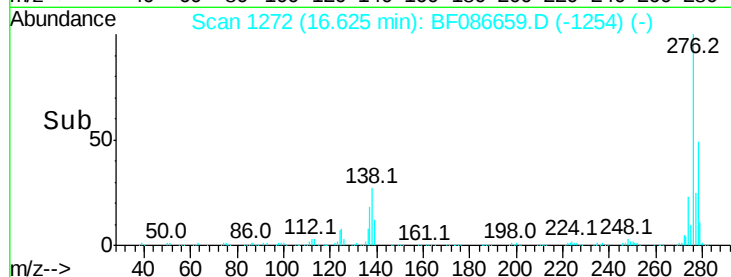
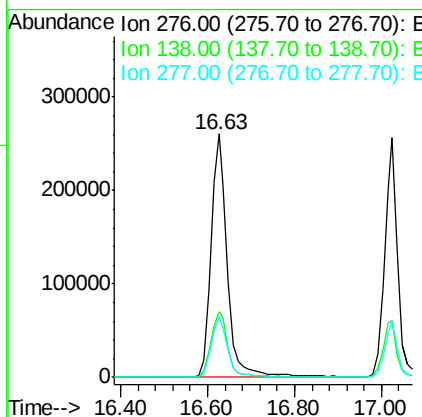
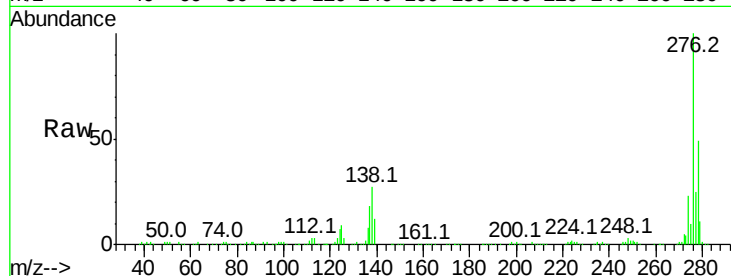
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.16 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.09 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	691793
Ion Ratio	Lower	Upper	
276	100		
138	28.7	25.6	38.4
277	25.3	20.5	30.7

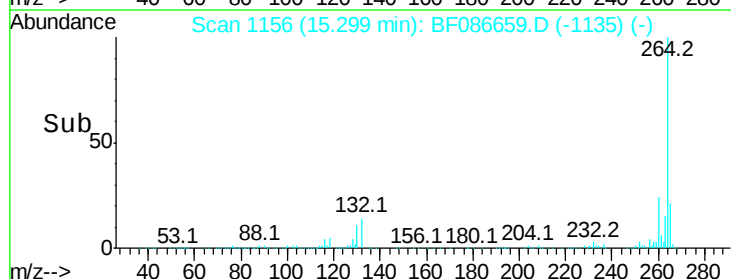
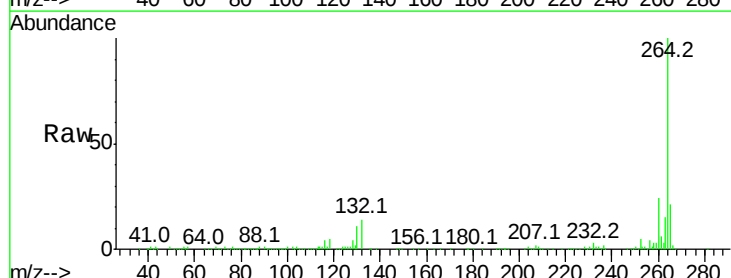
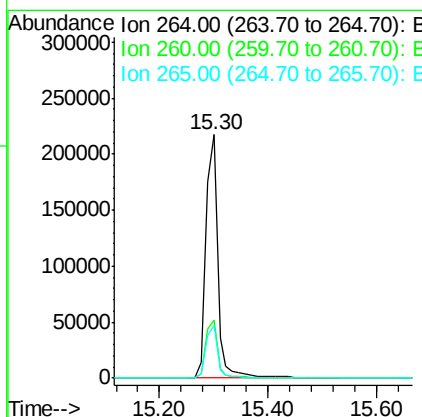
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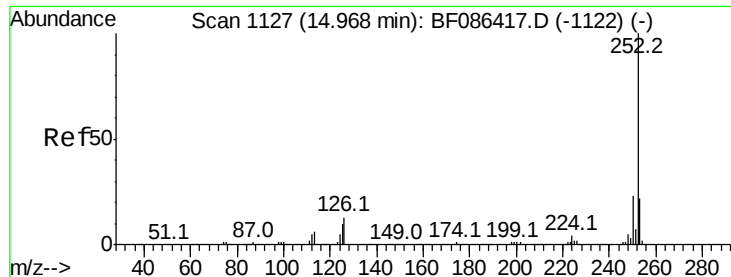
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Tgt Ion:	264	Resp:	332212
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.21 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Instrument :

BNA_F

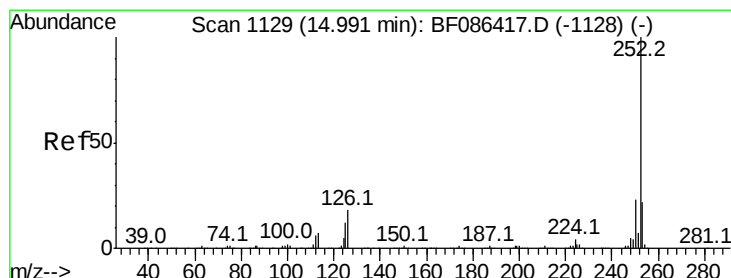
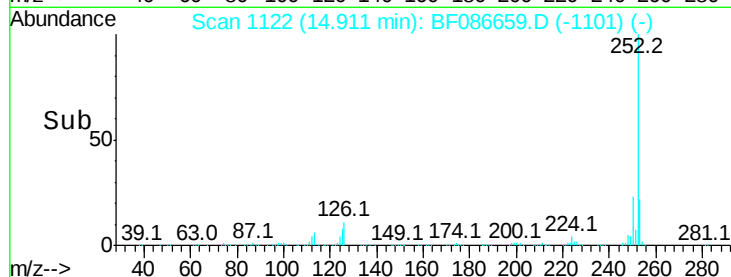
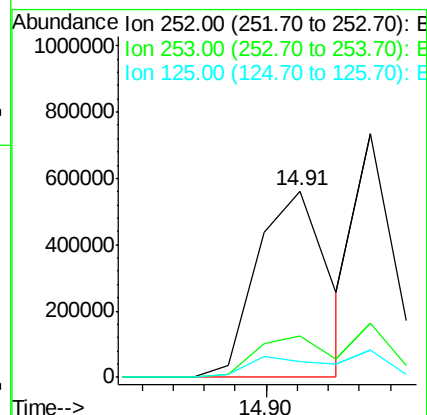
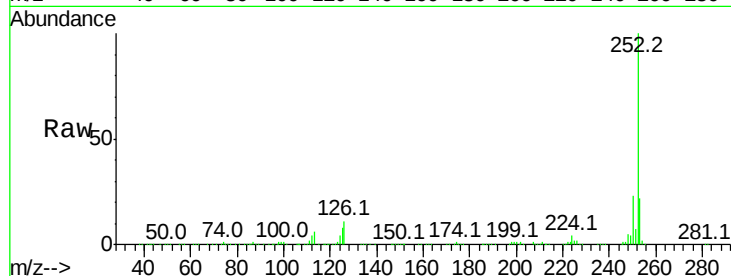
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	883575
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	8.2	11.4	17.0#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 34.20 ng m

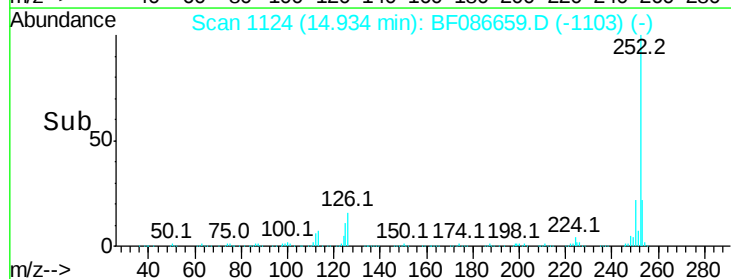
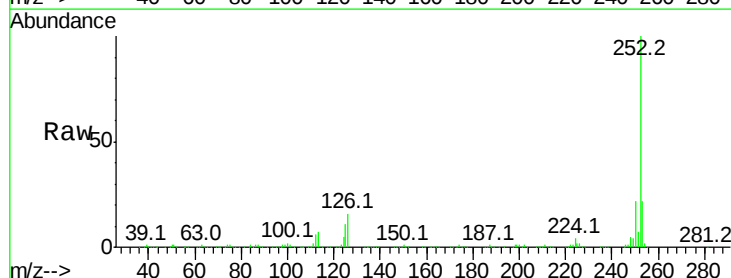
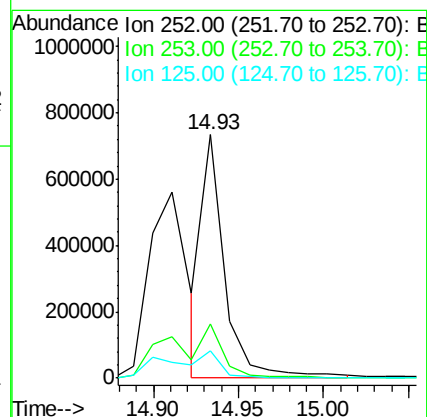
RT: 14.93 min Scan# 1124

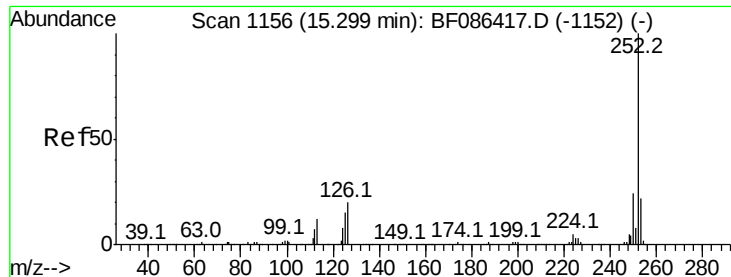
Delta R.T. -0.06 min

Lab File: BF086659.D

Acq: 3 May 2016 23:28

Tgt Ion:	252	Resp:	697197
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	11.1	9.1	13.7





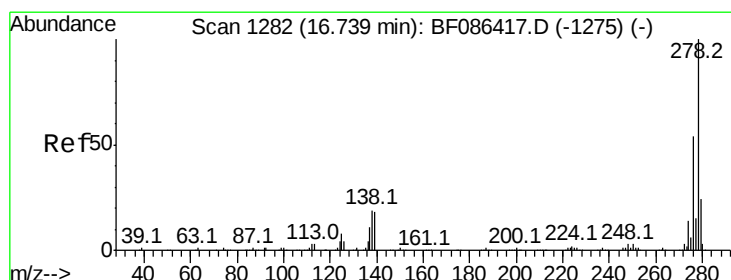
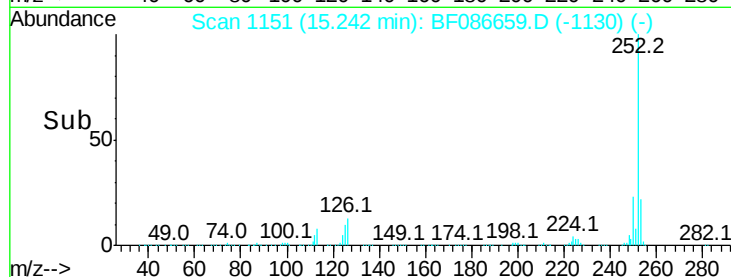
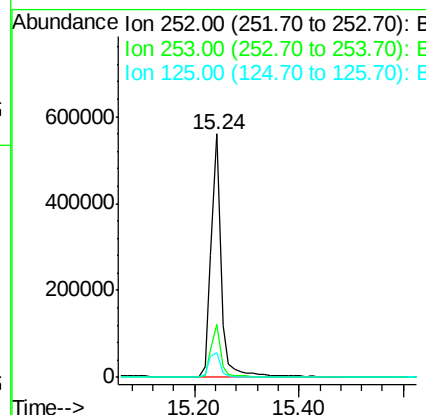
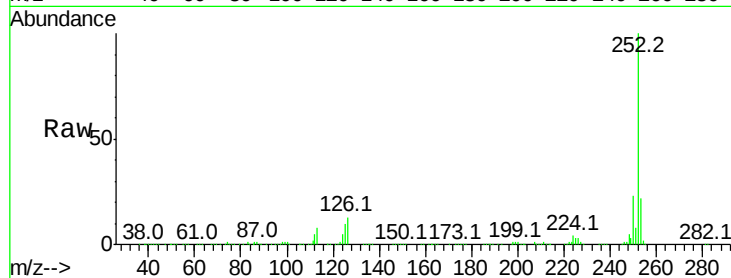
#89
Benzo(a)pyrene
Concen: 39.99 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.4	9.0	13.6

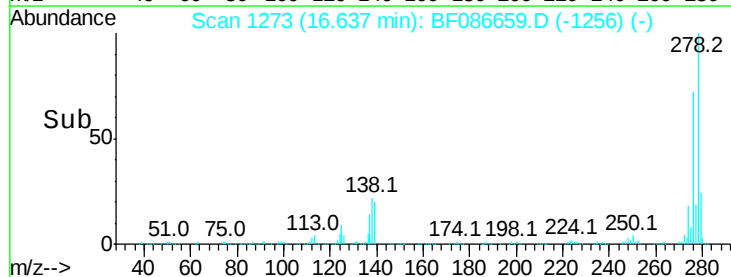
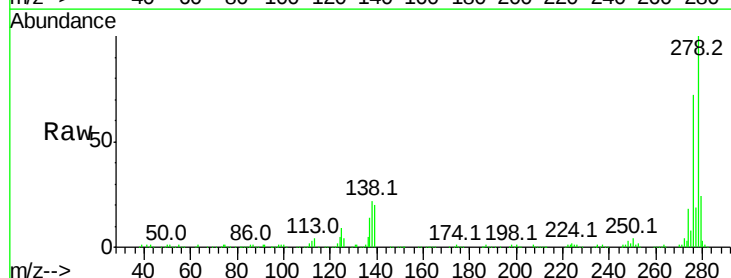
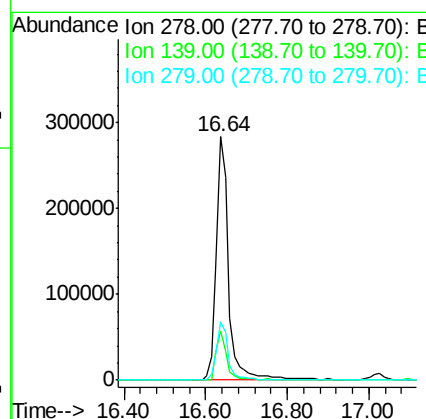
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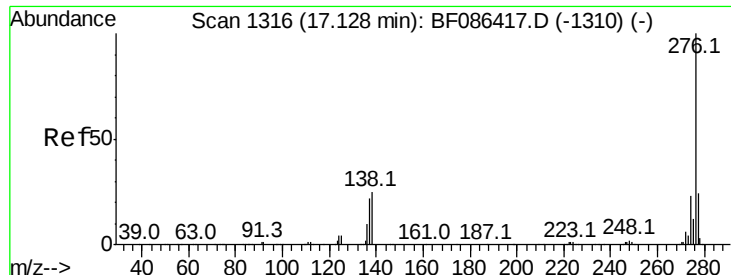
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#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.10 min
Lab File: BF086659.D
Acq: 3 May 2016 23:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.20 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.10 min
 Lab File: BF086659.D
 Acq: 3 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	547819
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.6	29.4
138	23.3	23.6	35.4

Manual Integrations
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