

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086636.D
 Acq On : 3 May 2016 10:02
 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 6:51:55 PM

Quant Time: May 03 13:06:47 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	197401	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	821074	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	381517	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	707702	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	479500	20.00	ng	-0.06
86) Perylene-d12	15.30	264	406360	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	895738	78.27	ng	-0.06
7) Phenol-d6	6.40	99	1256719	78.68	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1307222	85.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.59	330	332103	82.54	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1992104	93.28	ng	-0.05
78) Terphenyl-d14	12.86	244	1929253	88.64	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	245063	40.76	ng	# 77
3) Pyridine	2.97	79	641230	45.07	ng	# 72
4) n-Nitrosodimethylamine	2.93	42	384972	47.47	ng	# 56
6) Aniline	6.42	93	787193	40.73	ng	98
8) 2-Chlorophenol	6.53	128	546343	38.33	ng	84
9) Benzaldehyde	6.29	77	269760	29.03	ng	99
10) Phenol	6.41	94	676885	37.98	ng	# 64
11) bis(2-Chloroethyl)ether	6.50	93	661598	42.95	ng	94
12) 1,3-Dichlorobenzene	6.69	146	615363	40.14	ng	96
13) 1,4-Dichlorobenzene	6.77	146	633563	40.05	ng	97
14) 1,2-Dichlorobenzene	6.92	146	536848	37.00	ng	96
15) Benzyl Alcohol	6.90	79	404276	40.01	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1211986	39.30	ng	91
17) 2-Methylphenol	7.02	107	480952	41.75	ng	# 92
18) Hexachloroethane	7.26	117	234214	39.62	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	450752	42.69	ng	# 75
20) 3+4-Methylphenols	7.17	107	522648	39.73	ng	# 78
22) Acetophenone	7.17	105	732529	40.69	ng	# 89
24) Nitrobenzene	7.34	77	675797	43.13	ng	99
25) Isophorone	7.58	82	1174530	40.06	ng	99
26) 2-Nitrophenol	7.66	139	320469	44.42	ng	97
27) 2,4-Dimethylphenol	7.71	122	537147	42.43	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	684314	42.85	ng	99
29) 2,4-Dichlorophenol	7.90	162	464947	43.53	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	492592	39.75	ng	97
31) Naphthalene	8.06	128	1672309	40.03	ng	99
32) Benzoic acid	7.84	122	349350	46.02	ng	85
33) 4-Chloroaniline	8.12	127	666399	42.59	ng	98
34) Hexachlorobutadiene	8.18	225	271500	39.09	ng	99
35) Caprolactam	8.51	113	157378	44.17	ng	95
36) 4-Chloro-3-methylphenol	8.61	107	503957	41.21	ng	93
37) 2-Methylnaphthalene	8.75	142	949036	38.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	434926	39.83	ng	96
40) Hexachlorocyclopentadiene	8.91	237	238872	44.02	ng	95

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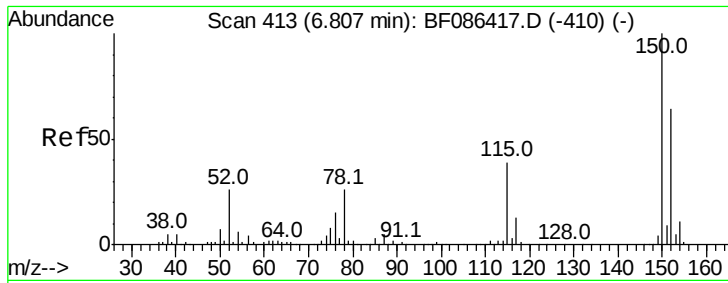
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	298107	43.18	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	321408	42.72	nq	97
45) 1,1'-Biphenyl	9.22	154	1189163	37.29	nq	96
46) 2-Chloronaphthalene	9.24	162	925275	38.16	nq	93
47) 2-Nitroaniline	9.34	65	372537	47.91	nq	83
48) Acenaphthylene	9.65	152	1392638	36.75	nq	98
49) Dimethylphthalate	9.53	163	1054623	36.72	nq	99
50) 2,6-Dinitrotoluene	9.58	165	233285	39.32	nq	# 70
51) Acenaphthene	9.82	154	946396	38.88	nq	99
52) 3-Nitroaniline	9.76	138	291375	43.18	nq	87
53) 2,4-Dinitrophenol	9.86	184	124820	42.54	nq	# 69
54) Dibenzofuran	10.00	168	1130699	37.16	nq	93
55) 4-Nitrophenol	9.93	139	191504	43.34	nq	89
56) 2,4-Dinitrotoluene	10.00	165	319373	42.22	nq	# 83
57) Fluorene	10.34	166	887245	33.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257186	43.72	nq	98
59) Diethylphthalate	10.22	149	1062688	39.09	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	481365	40.14	nq	88
61) 4-Nitroaniline	10.37	138	269325	40.83	nq	# 79
62) Azobenzene	10.50	77	1253950	42.11	nq	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	180904	43.54	nq	# 51
65) n-Nitrosodiphenylamine	10.45	169	868003	39.24	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	295777	40.56	nq	# 79
67) Hexachlorobenzene	10.89	284	320254	37.94	nq	# 78
68) Atrazine	10.99	200	299061	45.03	nq	95
69) Pentachlorophenol	11.08	266	192855	43.34	nq	97
70) Phenanthrene	11.30	178	1352587	36.42	nq	98
71) Anthracene	11.36	178	1595951	40.27	nq	100
72) Carbazole	11.50	167	1318437	37.53	nq	98
73) Di-n-butylphthalate	11.85	149	1700568	42.73	nq	99
74) Fluoranthene	12.49	202	1502023	40.06	nq	91
76) Benzidine	12.61	184	597216	36.24	nq	96
77) Pyrene	12.70	202	1449323	41.95	nq	100
79) Butylbenzylphthalate	13.33	149	615039	41.10	nq	# 68
80) Benzo(a)anthracene	13.89	228	1070617	41.88	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	730764	42.76	nq	# 95
82) Chrysene	13.94	228	1259502	45.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	752359	40.50	nq	# 94
84) Di-n-octyl phthalate	14.51	149	1297102	44.59	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.63	276	903959	43.90	nq	96
87) Benzo(b)fluoranthene	14.91	252	969689m	40.56	nq	
88) Benzo(k)fluoranthene	14.93	252	956782m	38.37	nq	
89) Benzo(a)pyrene	15.24	252	876761	38.85	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	751950	40.71	nq	# 95
91) Benzo(g,h,i)perylene	17.03	276	752588	40.66	nq	96

(#) = 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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Instrument :

BNA_F

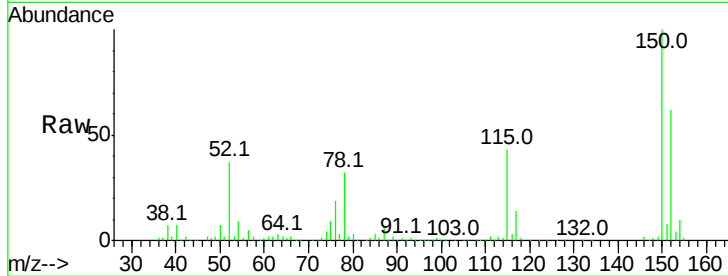
ClientSampleId :

SSTDCCC040

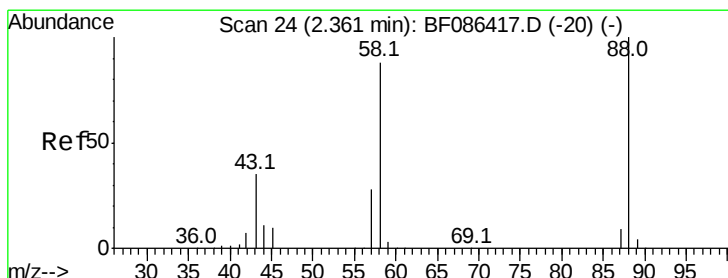
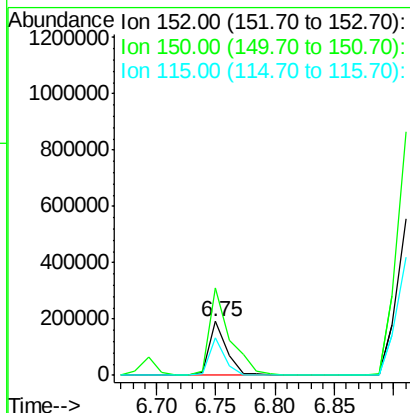
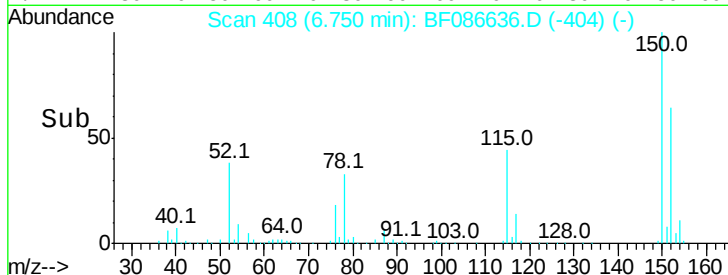
Tot Ion:	152	Resp:	197401
Ion Ratio	Lower	Upper	
152	100		
150	160.8	125.8	188.6
115	69.0	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.76 ng

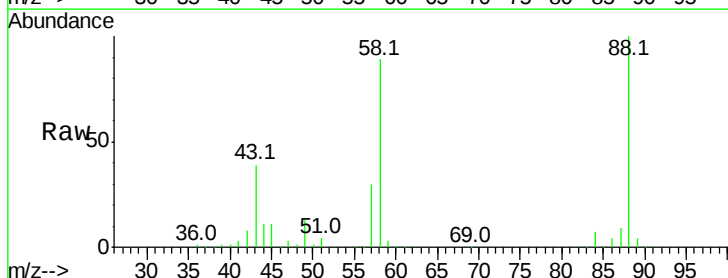
RT: 2.29 min Scan# 18

Delta R.T. -0.07 min

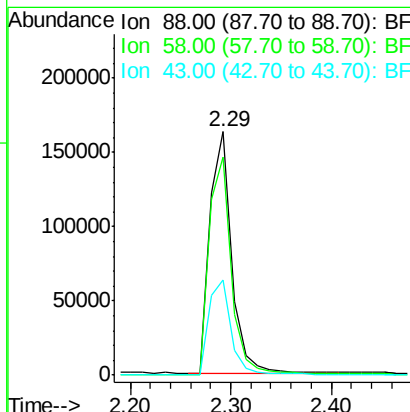
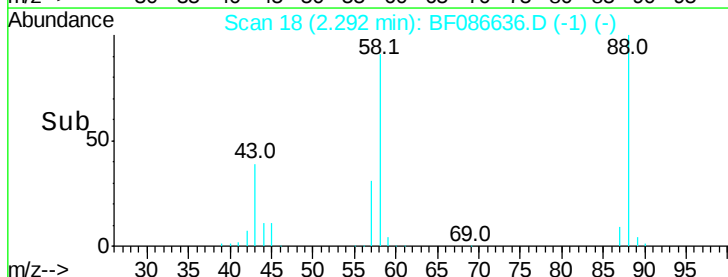
Lab File: BF086636.D

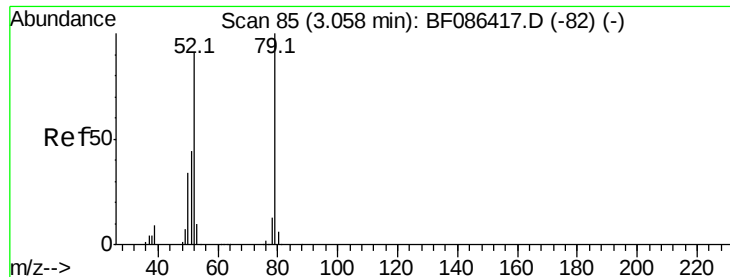
Acq: 3 May 2016 10:02

Tgt Ion:	88	Resp:	245063
Ion Ratio	Lower	Upper	
88	100		
58	93.2	59.6	89.4#
43	40.7	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.07 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

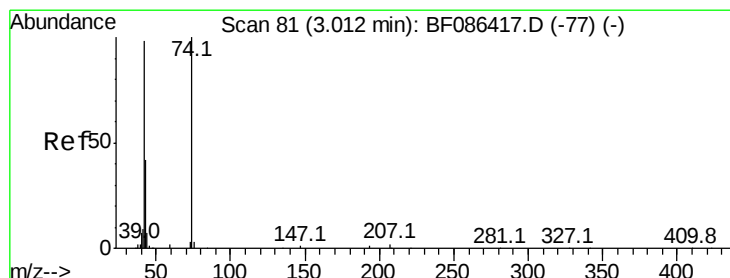
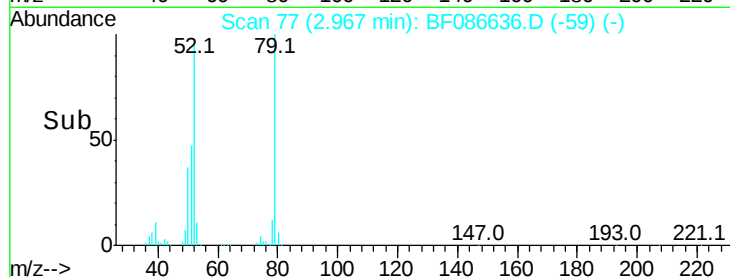
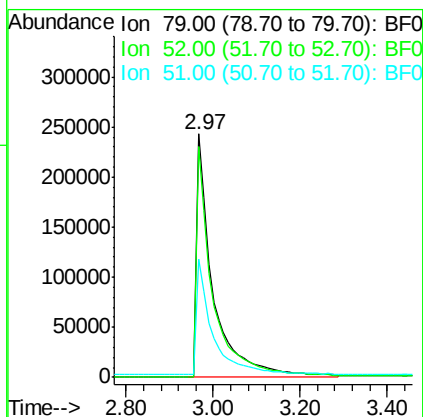
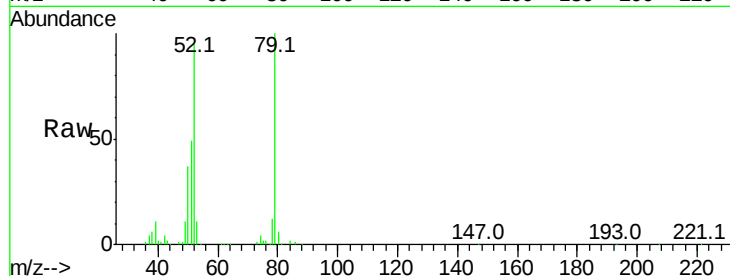
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.7	55.9	83.9#
51	48.7	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 47.47 ng

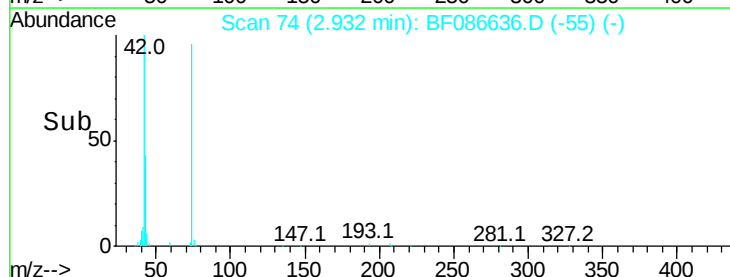
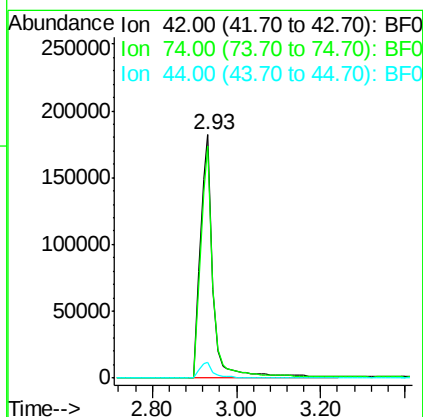
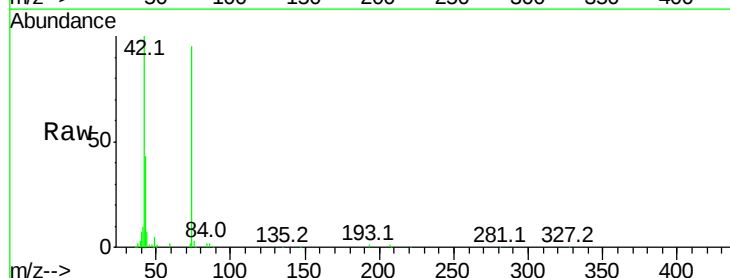
RT: 2.93 min Scan# 74

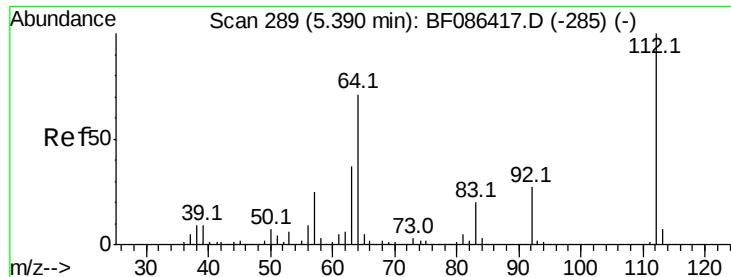
Delta R.T. -0.08 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.5	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 78.27 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

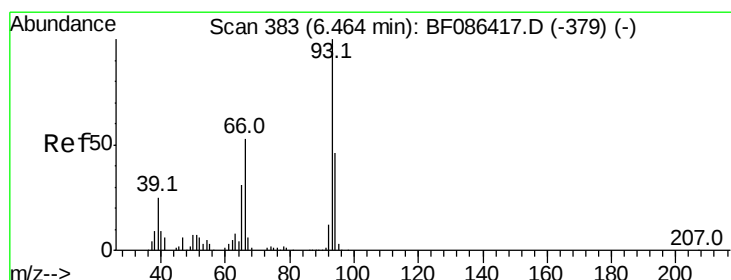
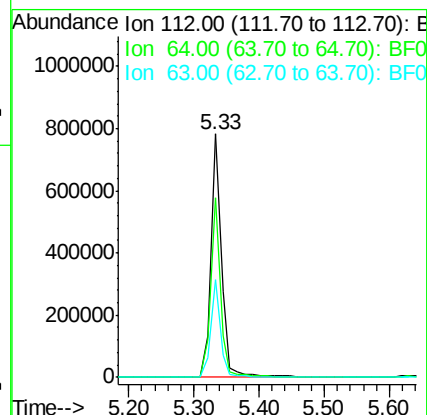
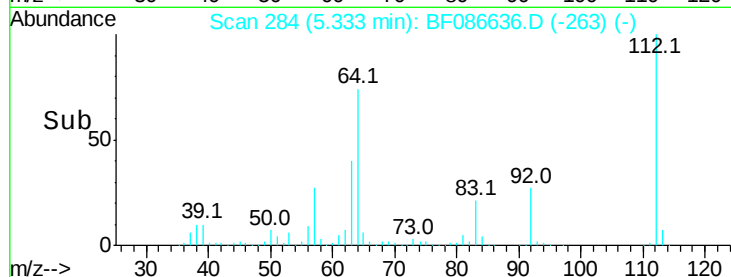
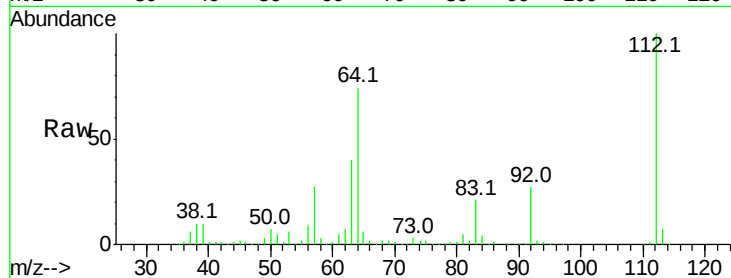
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	895738
Ion Ratio	Lower	Upper	
112	100		
64	73.8	52.1	78.1
63	40.0	25.7	38.5#

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#6

Aniline

Concen: 40.73 ng

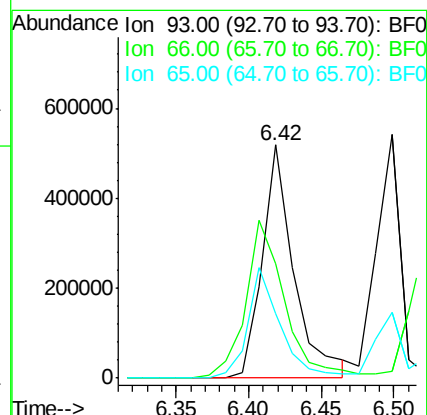
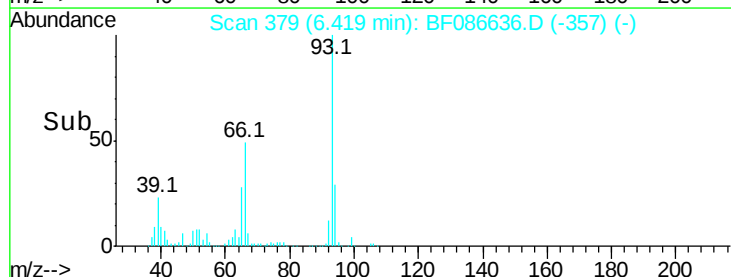
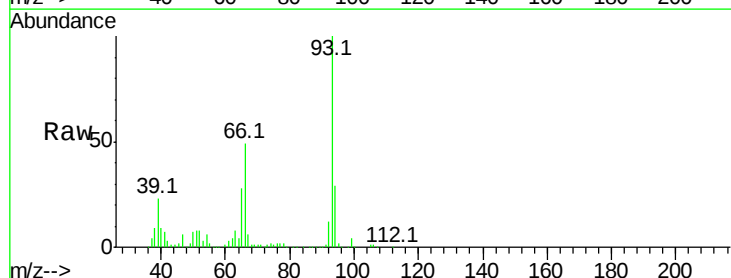
RT: 6.42 min Scan# 379

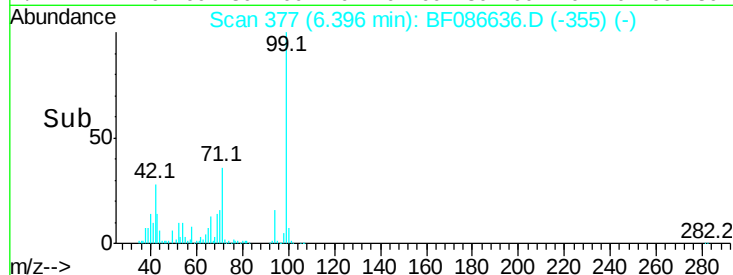
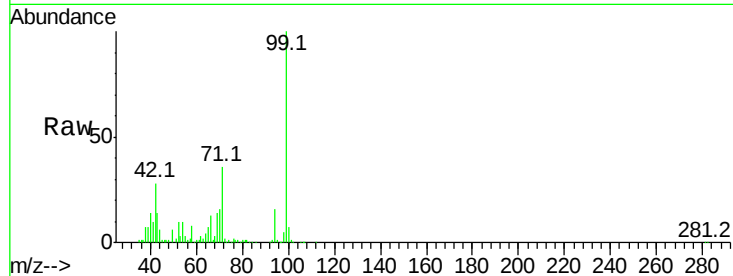
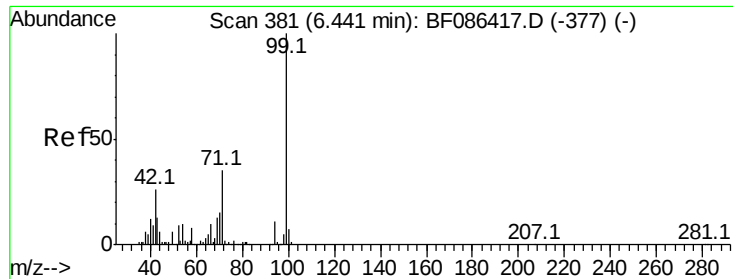
Delta R.T. -0.05 min

Lab File: BF086636.D

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Tgt Ion:	93	Resp:	787193
Ion Ratio	Lower	Upper	
93	100		
66	49.2	39.0	58.6
65	27.6	20.6	31.0





#7

Phenol-d6

Concen: 78.68 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tot Ion:	99	Resp:	1256719
Ion	Ratio	Lower	Upper
99	100		
42	27.9	13.6	20.4#
71	36.5	24.6	36.8

Instrument :

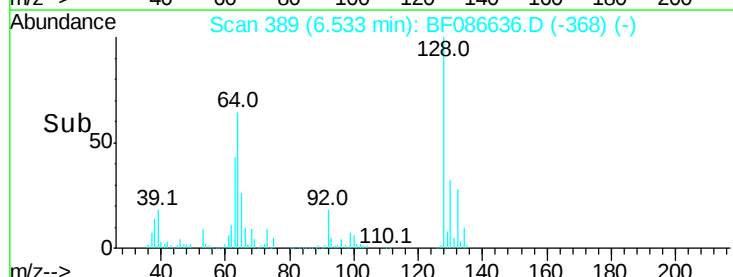
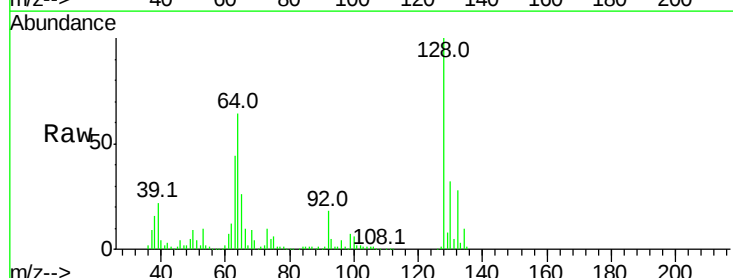
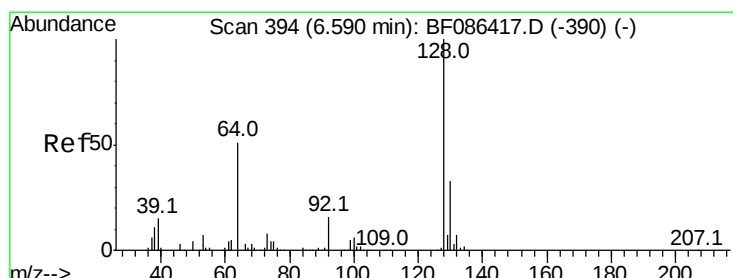
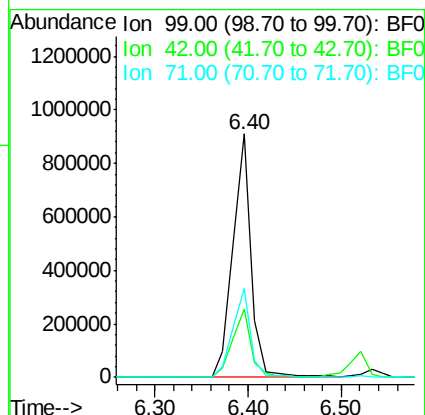
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#8

2-Chlorophenol

Concen: 38.33 ng

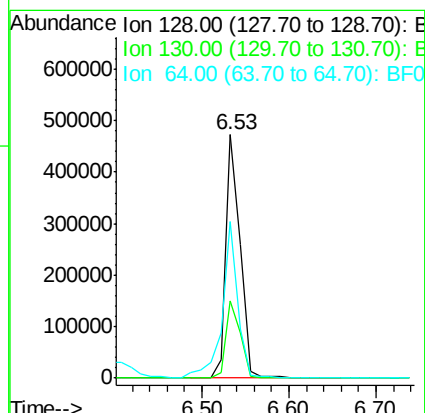
RT: 6.53 min Scan# 389

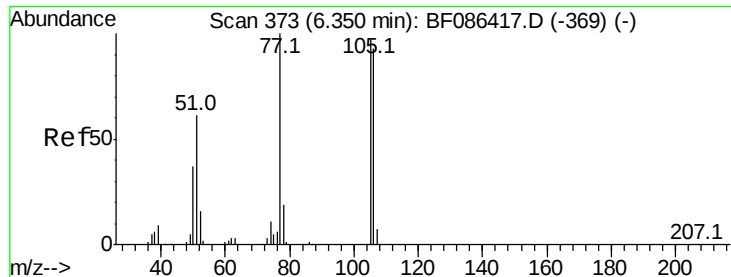
Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:	128	Resp:	546343
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	64.4	27.3	67.3





#9

Benzaldehyde

Concen: 29.03 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

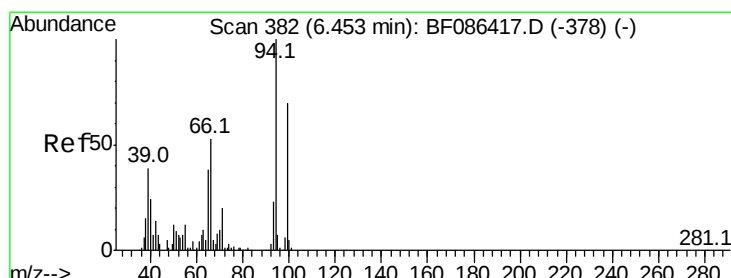
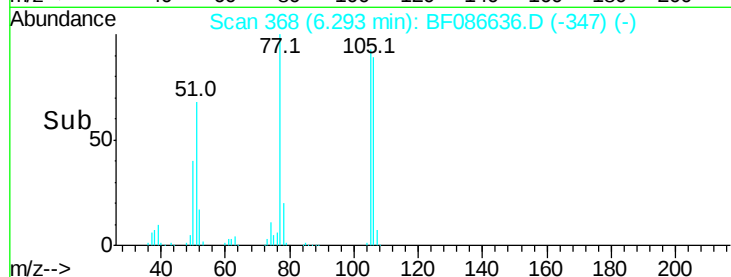
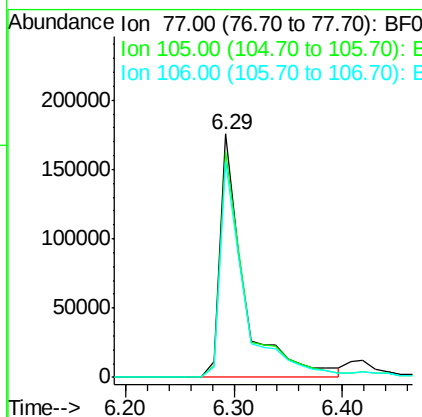
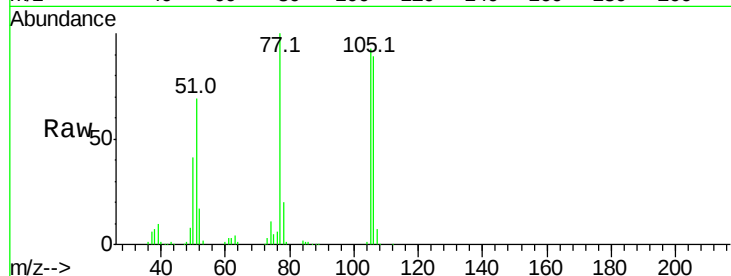
ClientSampleId :

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Tot Ion:	77	Resp:	269760
Ion Ratio	Lower	Upper	
77	100		
105	92.6	72.7	112.7
106	88.6	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 37.98 ng

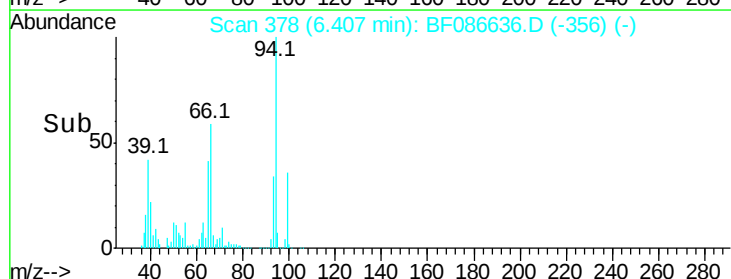
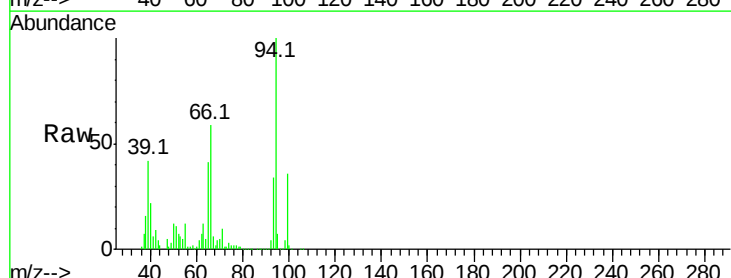
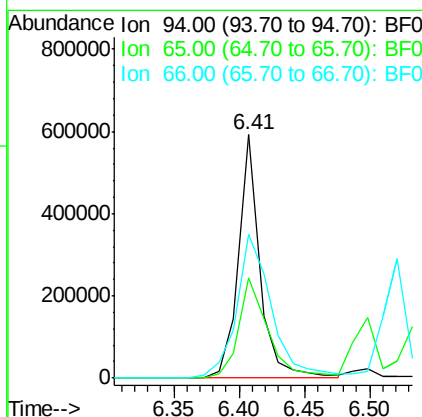
RT: 6.41 min Scan# 378

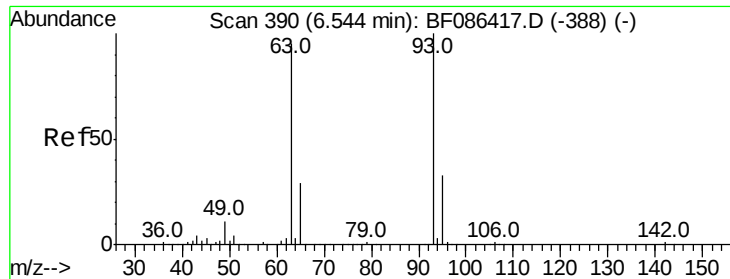
Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:	94	Resp:	676885
Ion Ratio	Lower	Upper	
94	100		
65	41.3	7.2	47.2
66	59.3	14.9	54.9#





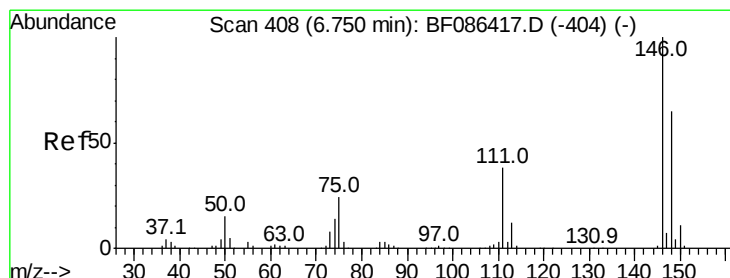
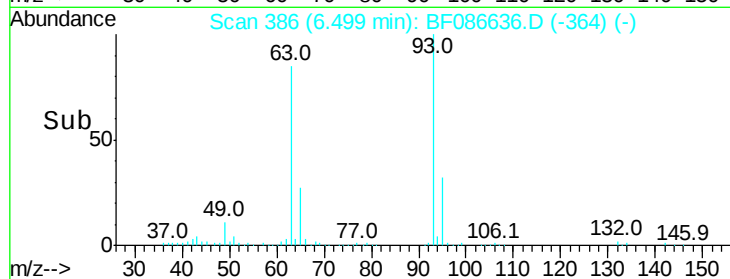
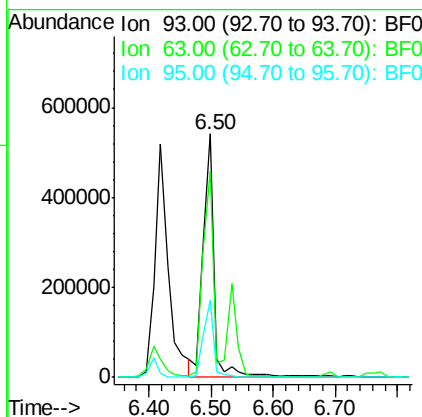
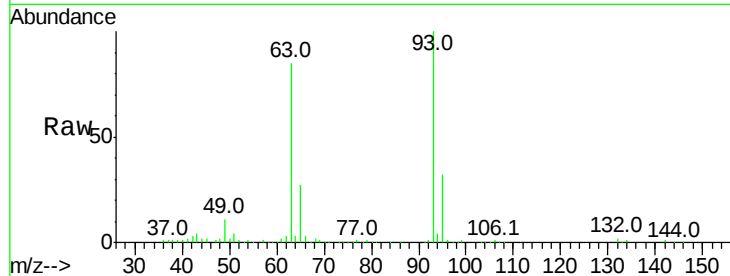
#11
bis(2-Chloroethyl)ether
Concen: 42.95 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	661598		
63	84.8	58.0	98.0	
95	31.7	11.9	51.9	

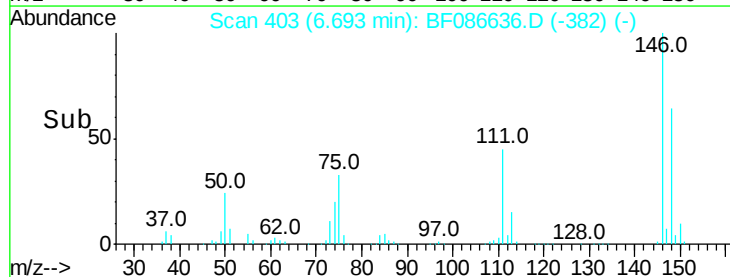
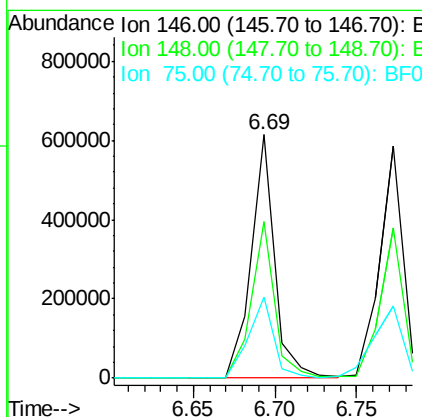
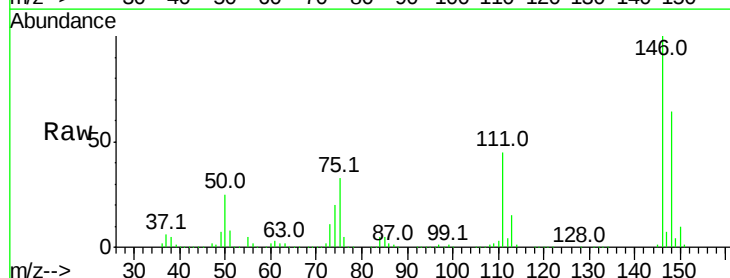
Manual Integrations
APPROVED

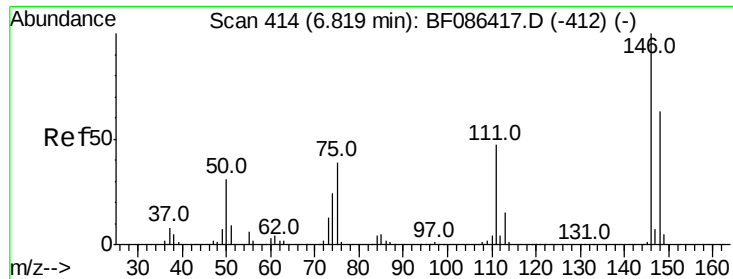
sohil
5/4/2016 6:51:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.14 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	615363		
148	64.3	52.4	78.6	
75	33.2	22.8	34.2	





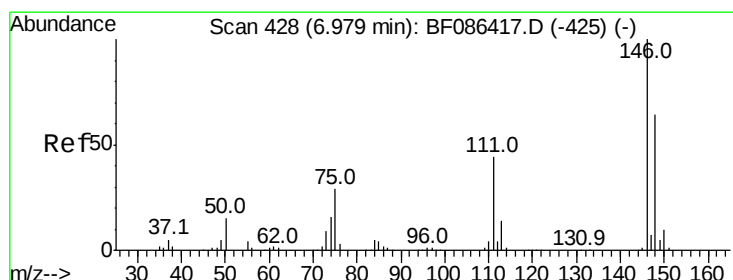
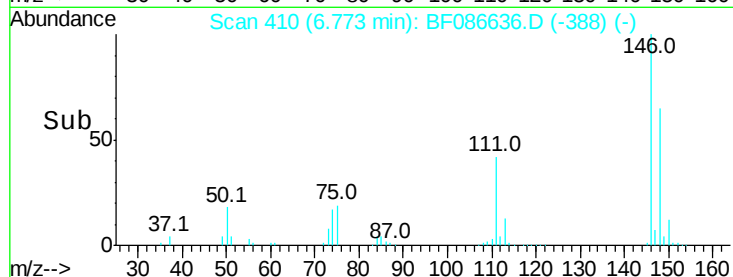
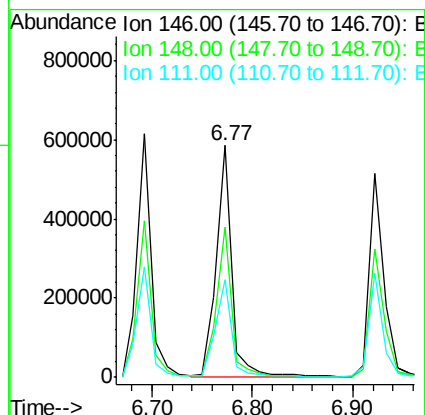
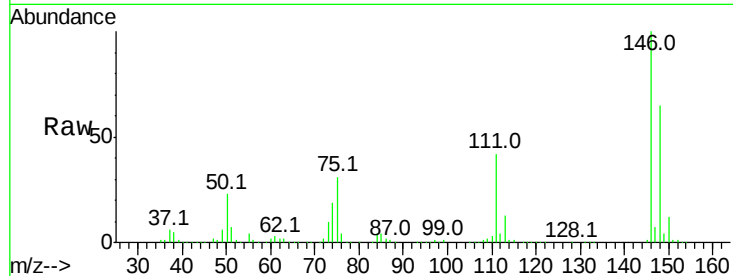
#13
 1,4-Dichlorobenzene
 Concen: 40.05 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	633563		
148	64.8	52.2	78.4	
111	42.2	30.7	46.1	

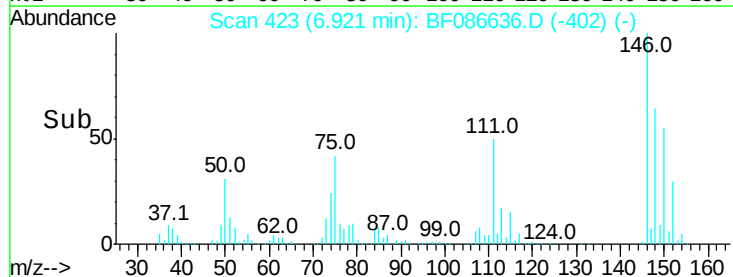
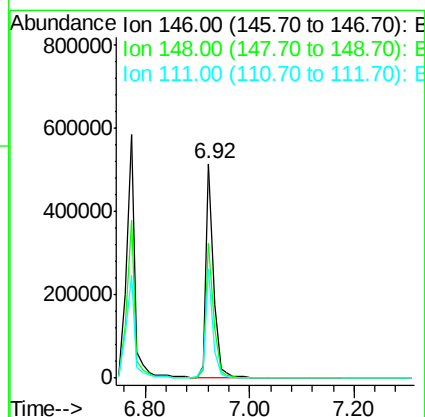
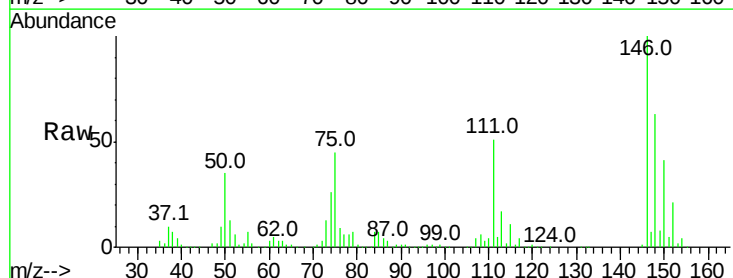
Manual Integrations
 APPROVED

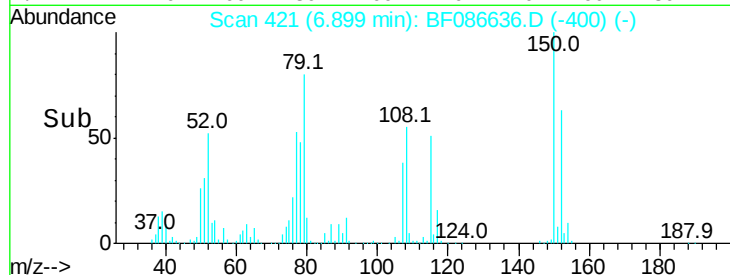
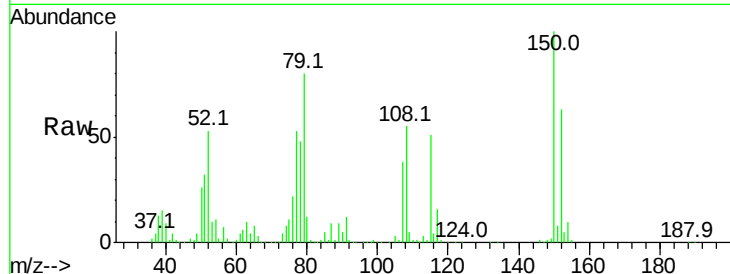
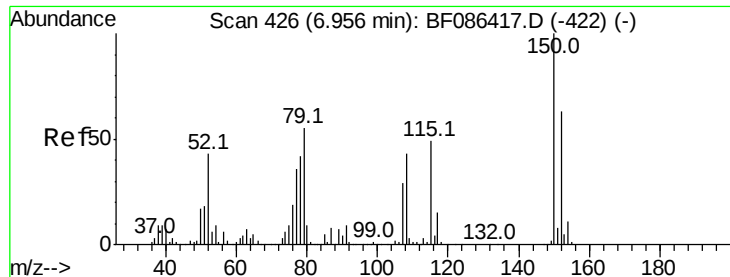
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#14
 1,2-Dichlorobenzene
 Concen: 37.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	536848		
148	63.0	51.0	76.6	
111	51.1	36.2	54.4	





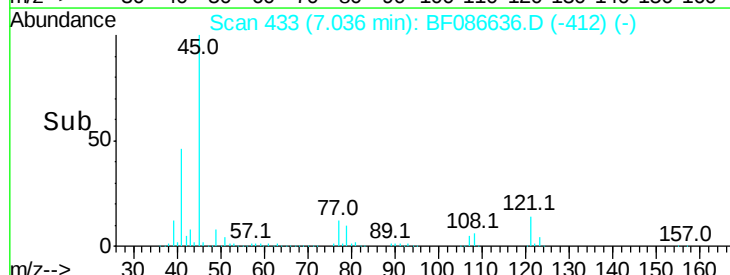
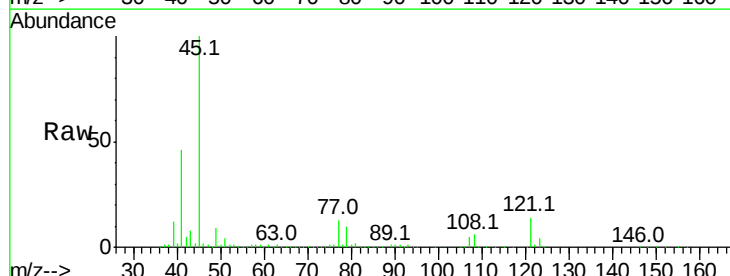
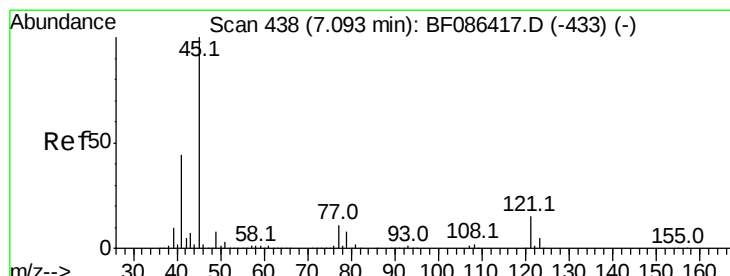
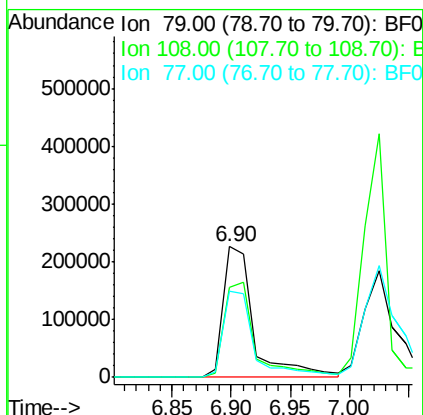
#15
Benzyl Alcohol
Concen: 40.01 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tot Ion: 79 Resp: 404276
Ion Ratio Lower Upper
79 100
108 68.8 68.4 102.6
77 66.0 50.6 76.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

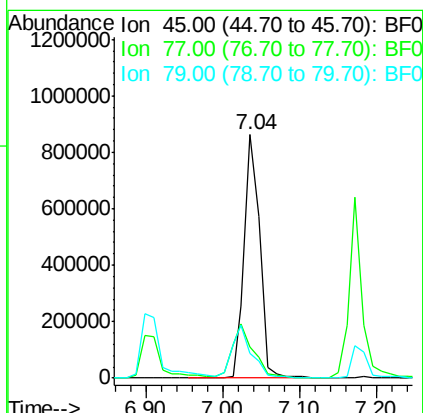
Manual Integrations
APPROVED

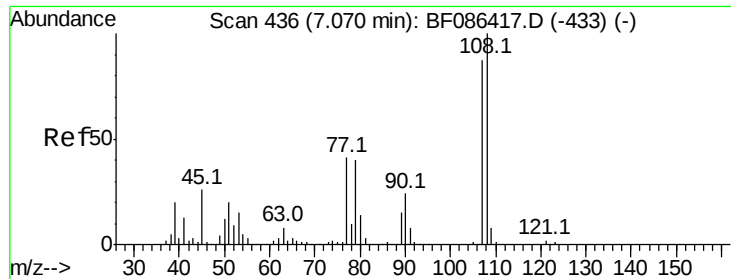
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.30 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion: 45 Resp: 1211986
Ion Ratio Lower Upper
45 100
77 12.5 0.0 36.4
79 10.0 0.0 33.4





#17

2-Methylphenol

Concen: 41.75 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

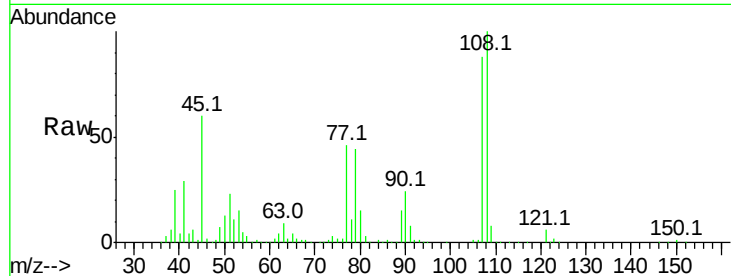
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	480952
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.7	140.5
77	52.4	33.4	50.0#
79	50.2	34.3	51.5

Manual Integrations
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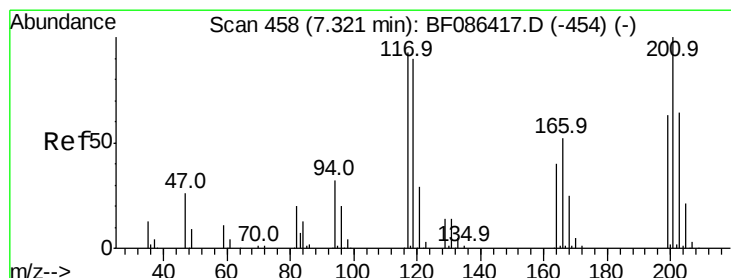
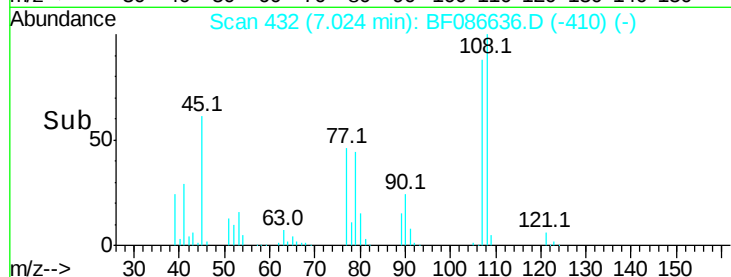
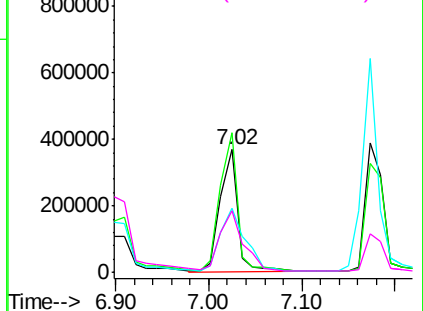


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.62 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF086636.D

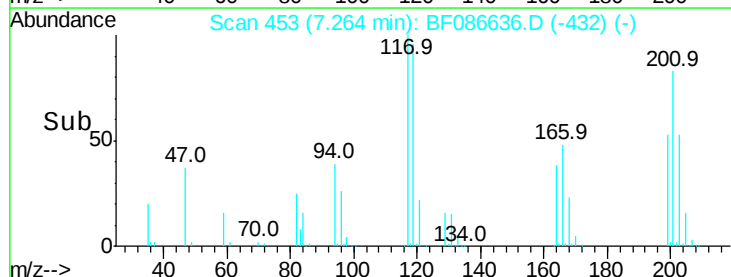
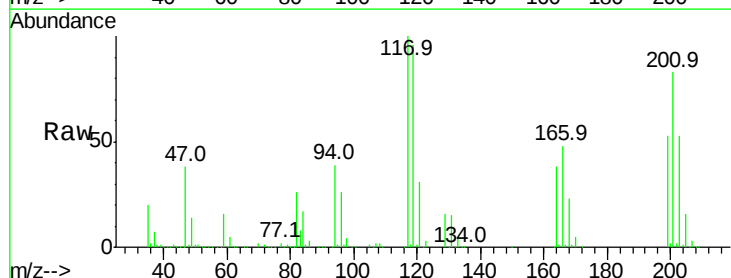
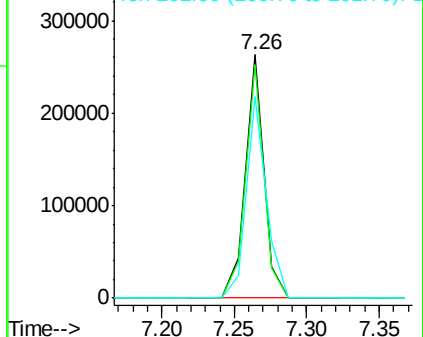
Acq: 3 May 2016 10:02

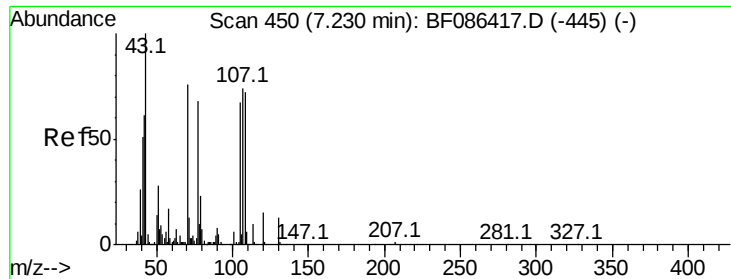
Tgt Ion:	117	Resp:	234214
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.5	114.7
201	82.6	63.0	94.6

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





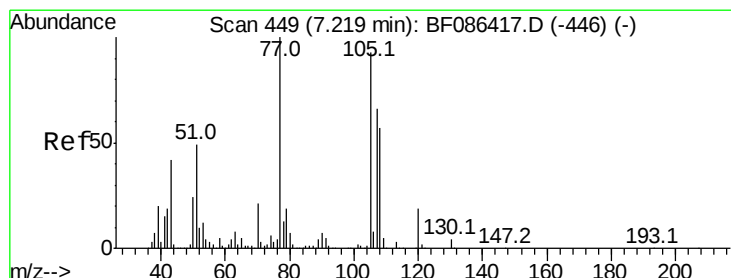
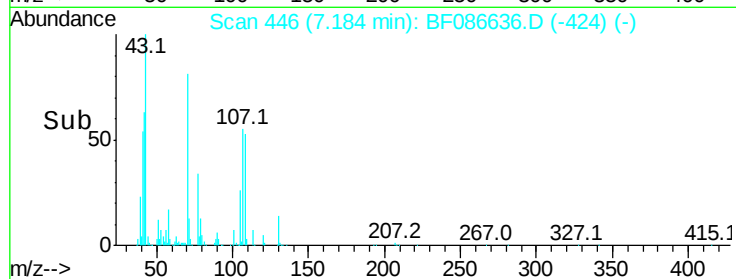
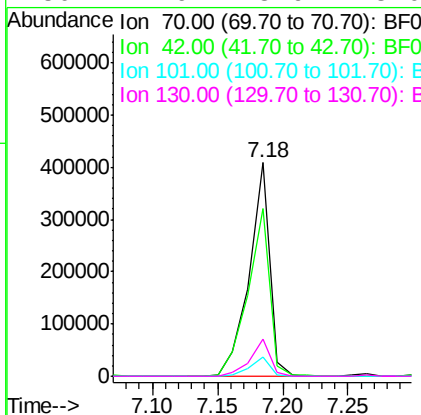
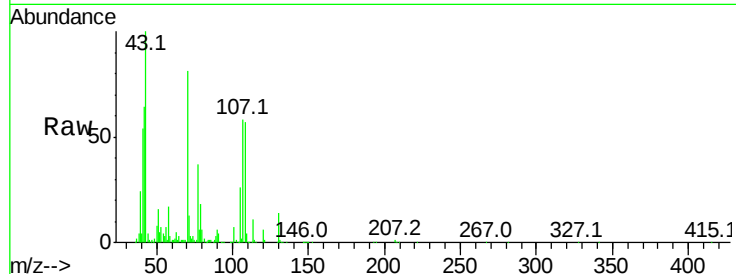
#19
n-Nitroso-di-n-propylamine
Concen: 42.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.6	43.1	64.7#
101	8.7	8.1	12.1
130	17.6	18.6	28.0#

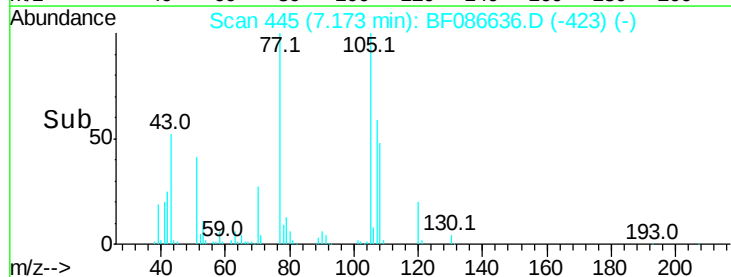
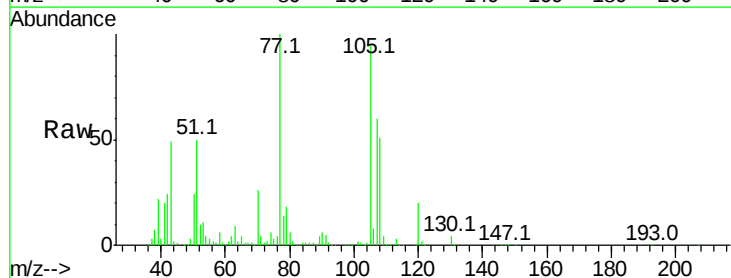
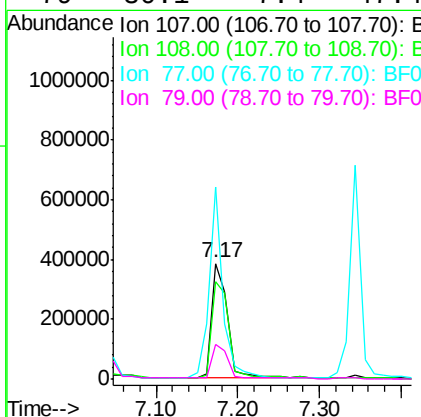
Manual Integrations
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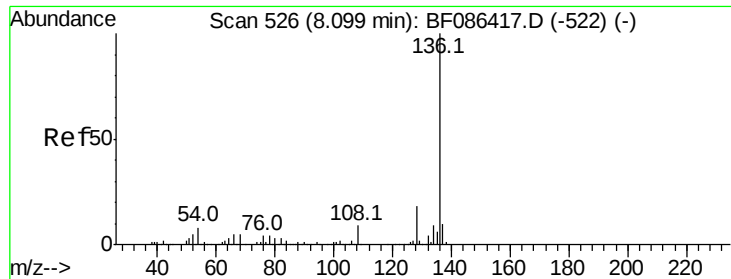
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#20
3+4-Methylphenols
Concen: 39.73 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	68.5	108.5
77	165.9	101.6	141.6#
79	30.1	7.4	47.4





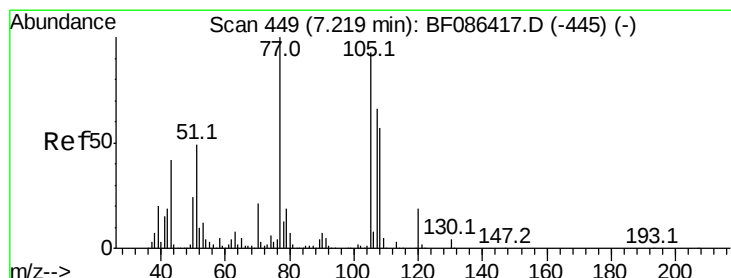
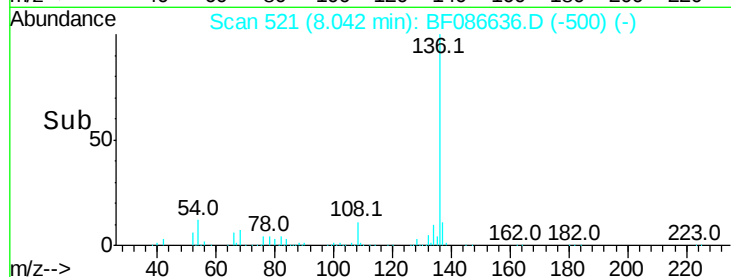
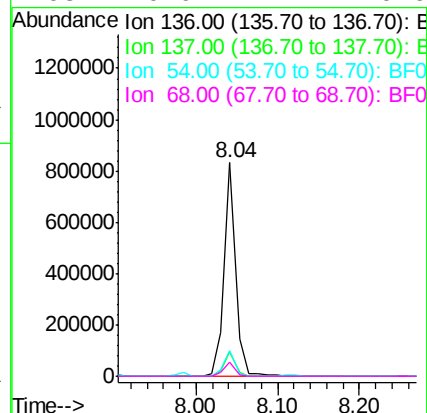
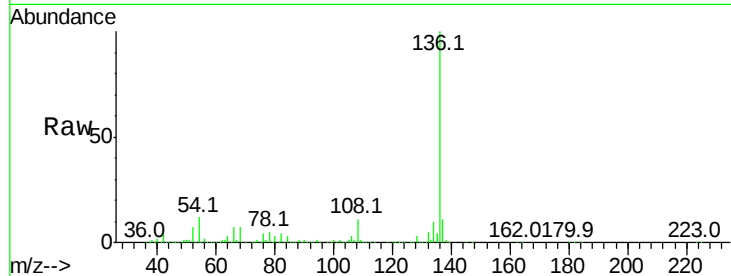
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	12.0	5.0	7.4#	
68	6.9	4.4	6.6#	

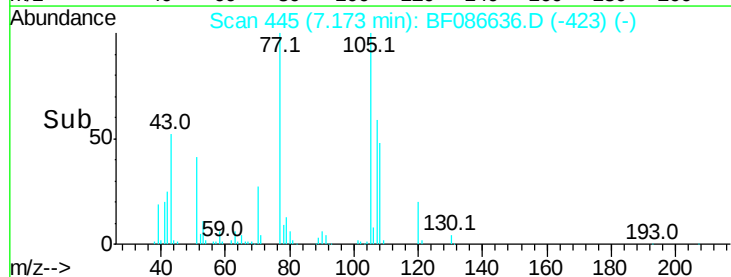
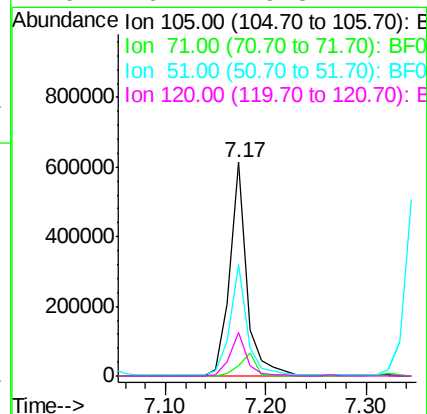
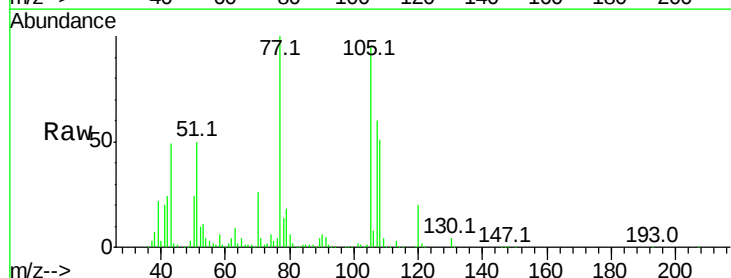
Manual Integrations
APPROVED

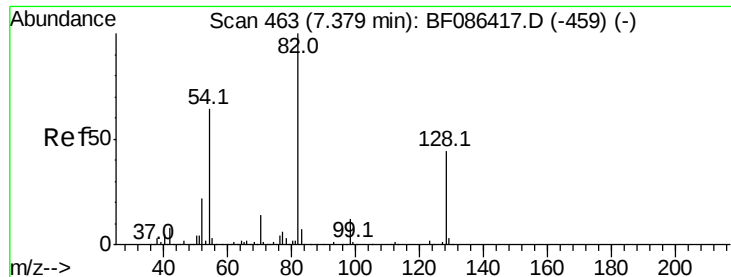
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#22
Acetophenone
Concen: 40.69 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.8	7.2#	
51	52.2	32.6	49.0#	
120	20.7	16.5	24.7	





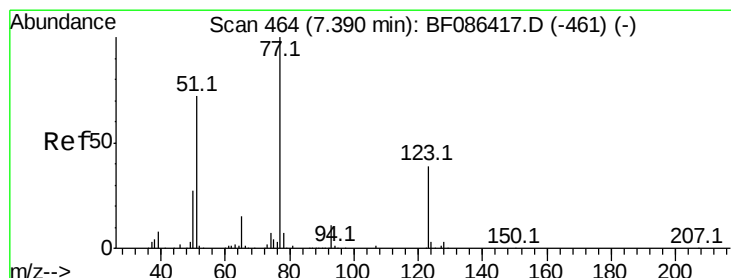
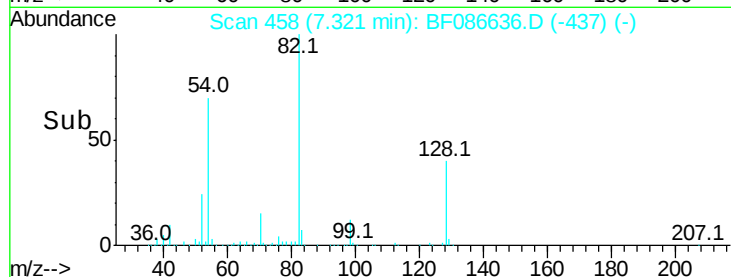
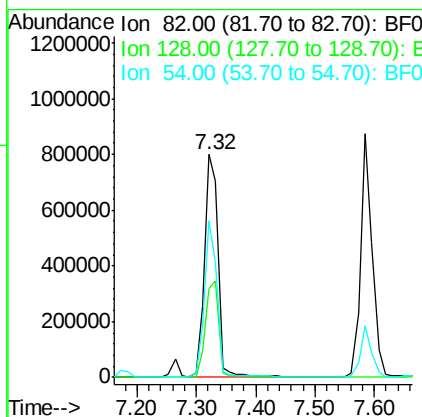
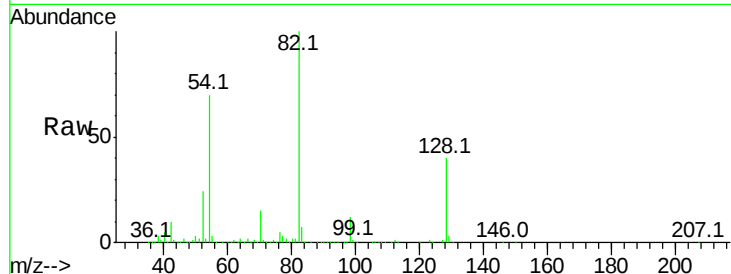
#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1307222
Ion Ratio Lower Upper
82 100
128 39.5 40.6 61.0#
54 70.2 38.1 57.1#

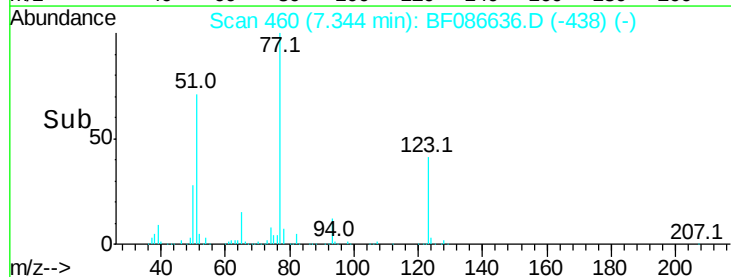
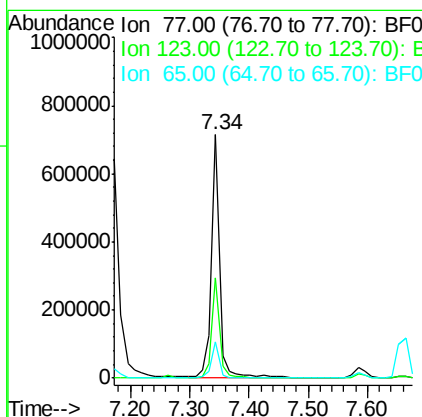
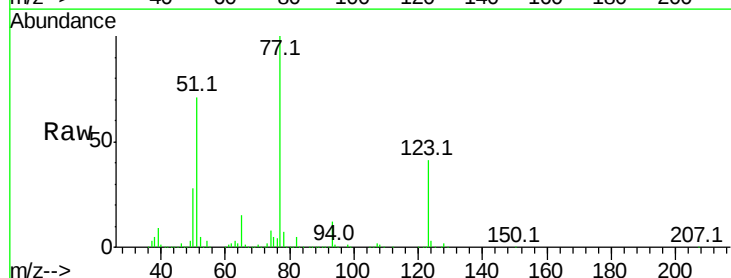
Manual Integrations
APPROVED

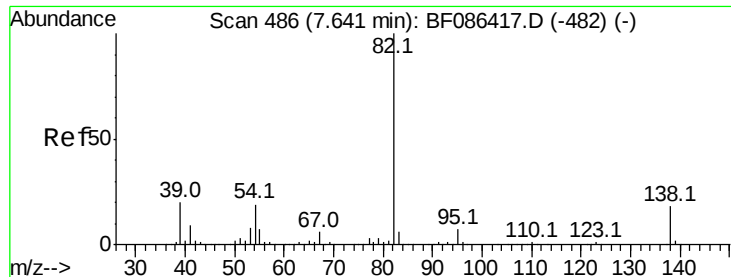
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#24
Nitrobenzene
Concen: 43.13 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion: 77 Resp: 675797
Ion Ratio Lower Upper
77 100
123 40.9 33.0 49.4
65 15.0 10.8 16.2





#25

Isophorone

Concen: 40.06 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1174530

Ion Ratio Lower Upper

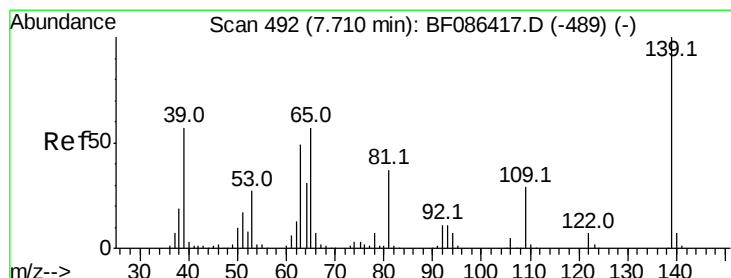
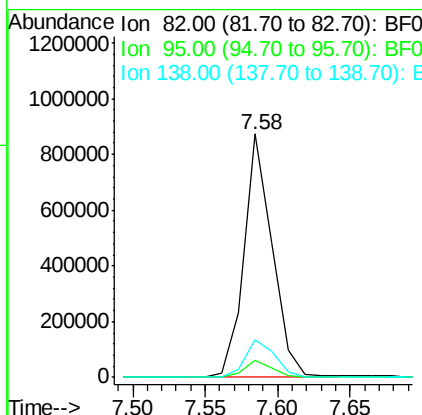
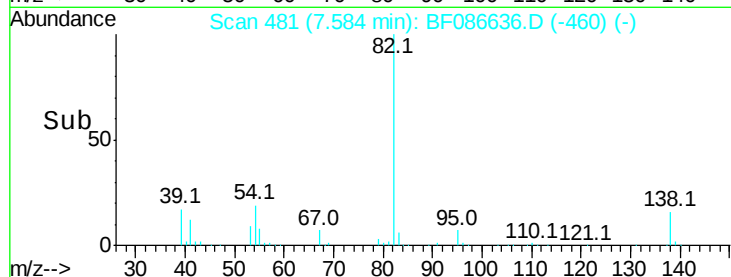
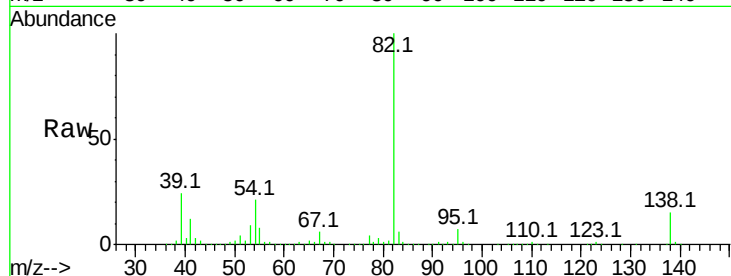
82 100

95 6.8 5.1 7.7

138 15.3 12.4 18.6

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 44.42 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

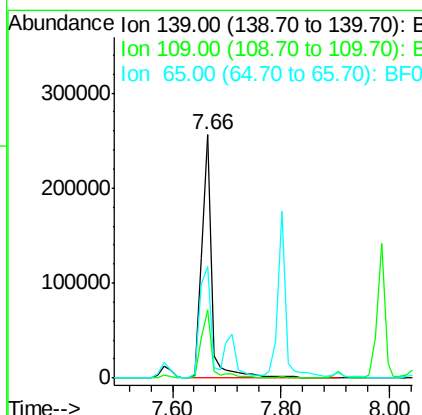
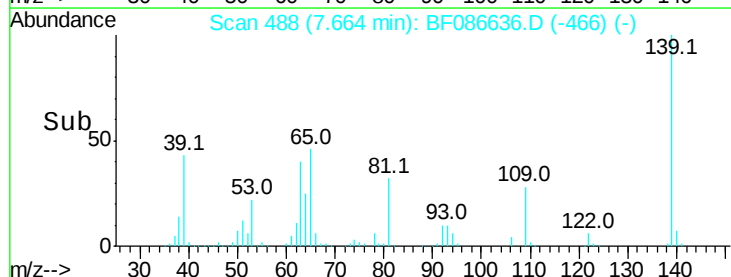
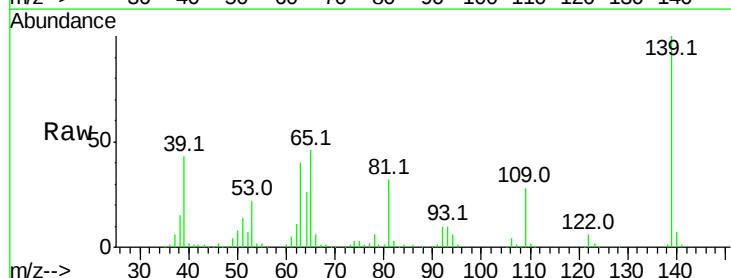
Tgt Ion: 139 Resp: 320469

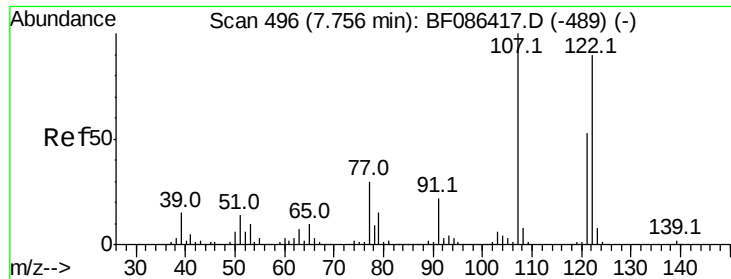
Ion Ratio Lower Upper

139 100

109 28.3 19.5 29.3

65 46.1 37.5 56.3





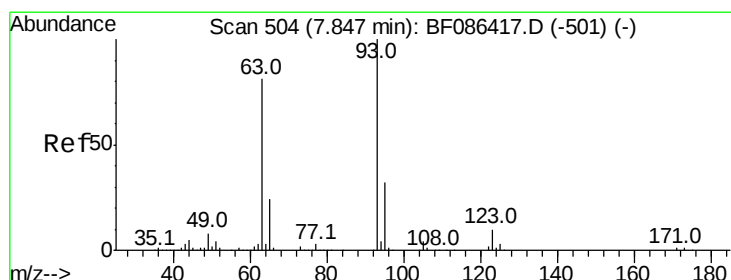
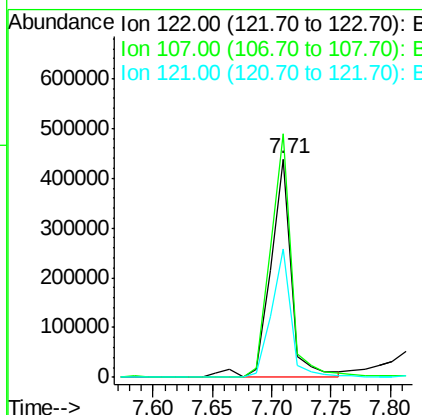
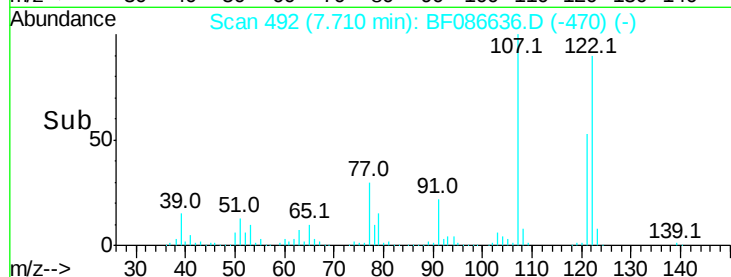
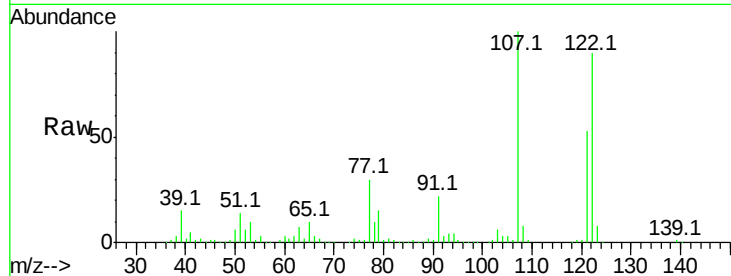
#27
 2,4-Dimethylphenol
 Concen: 42.43 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	82.0	123.0
121	58.6	46.1	69.1

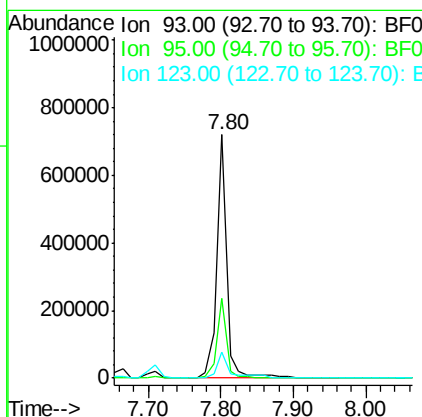
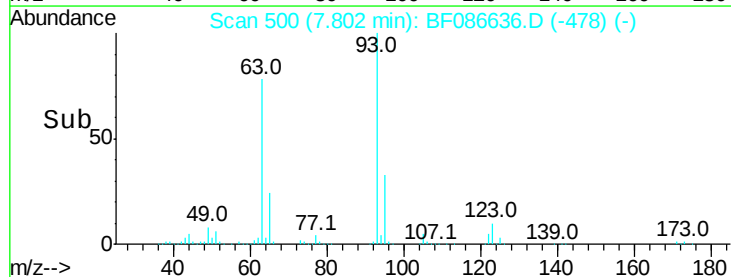
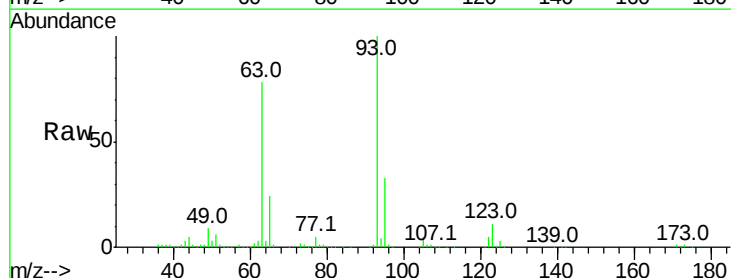
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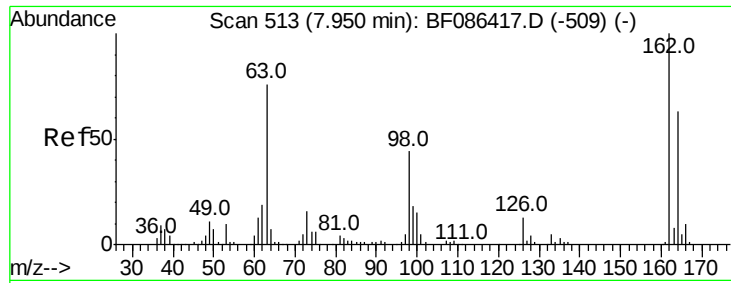
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.85 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	10.5	9.5	14.3





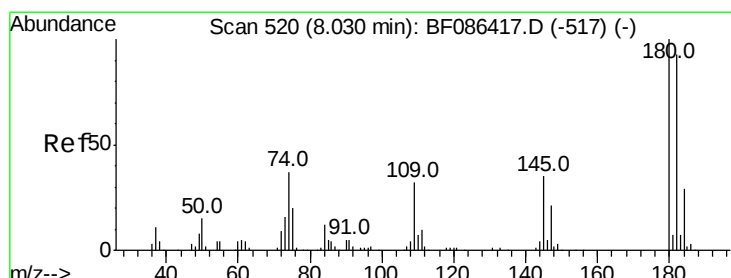
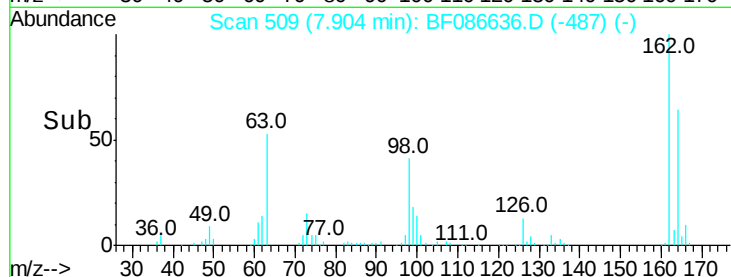
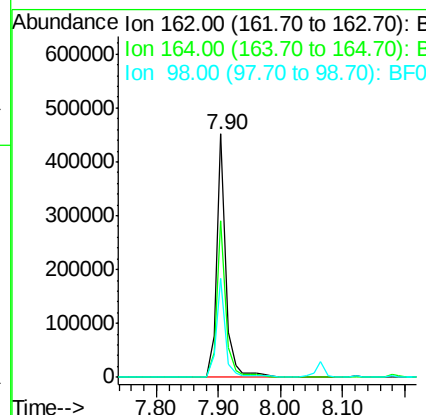
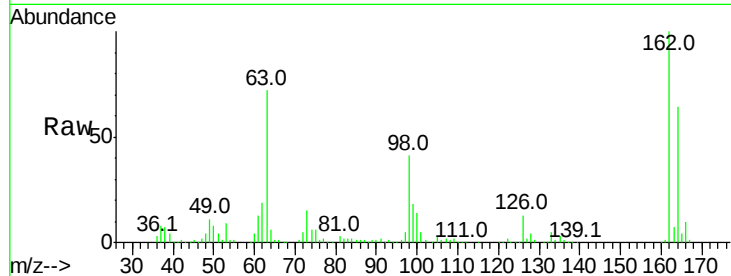
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	464947
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.2	82.2
98	40.9	19.0	59.0

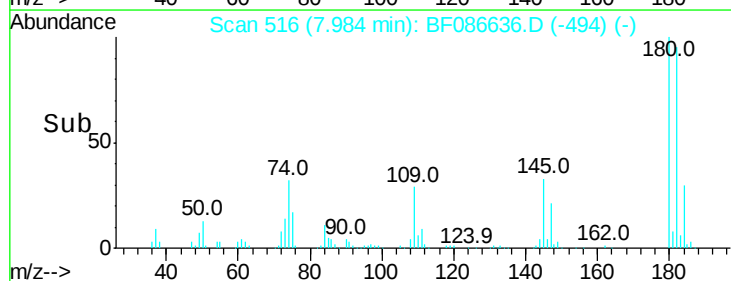
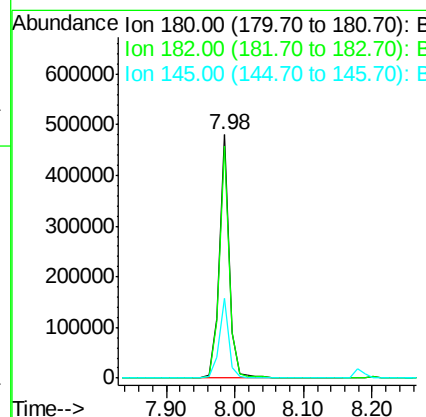
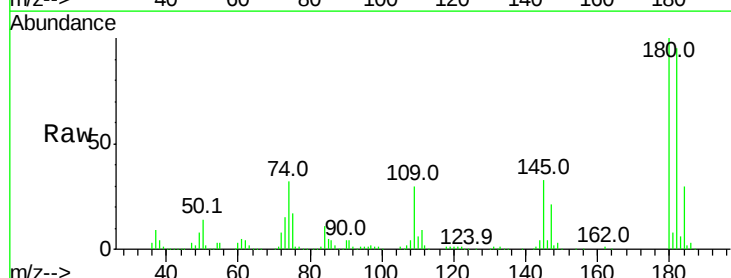
Manual Integrations
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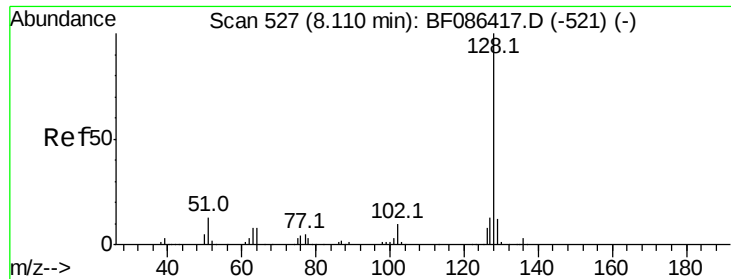
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion:	180	Resp:	492592
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.0	117.0
145	33.0	24.2	36.2





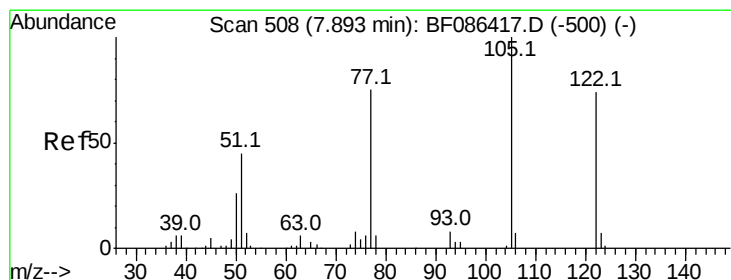
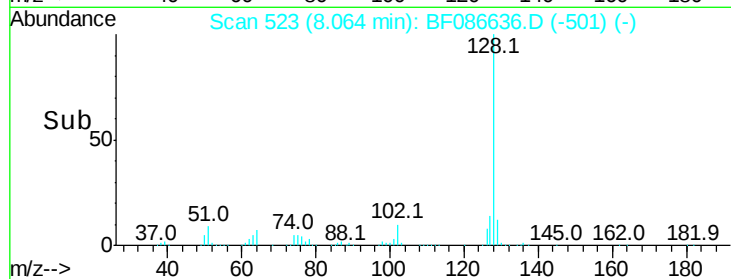
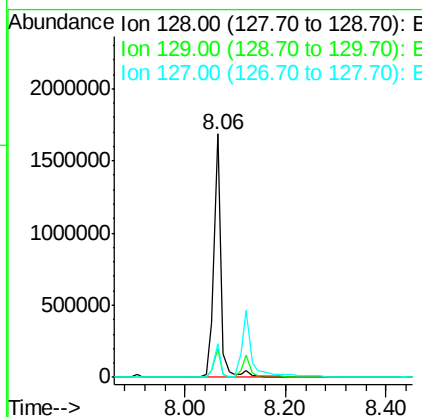
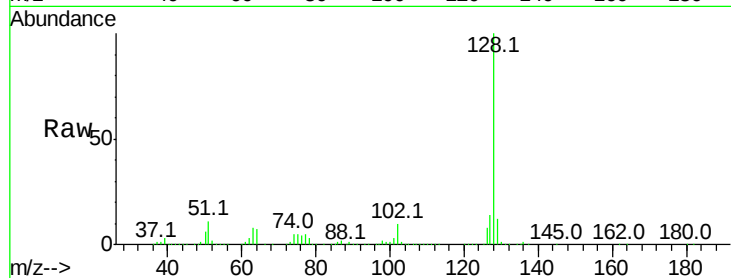
#31
Naphthalene
Concen: 40.03 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1672309
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.9 10.8 16.2

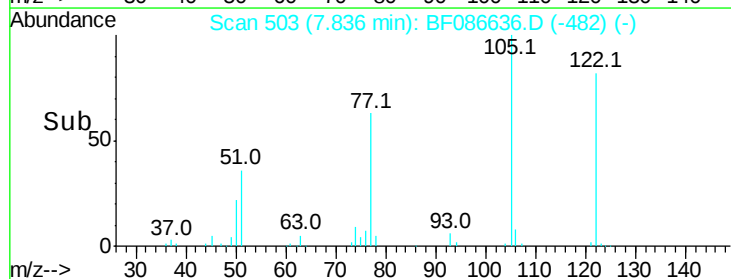
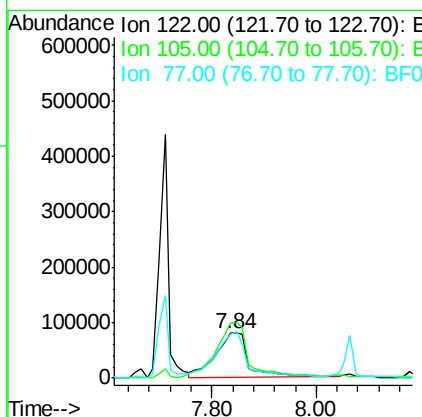
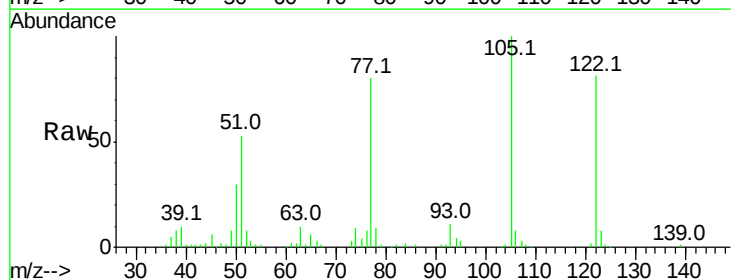
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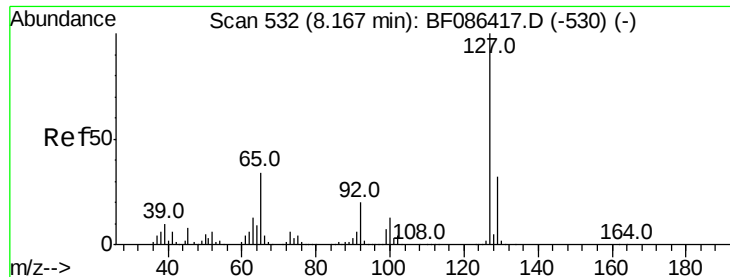
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#32
Benzoic acid
Concen: 46.02 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion:122 Resp: 349350
Ion Ratio Lower Upper
122 100
105 123.3 92.6 132.6
77 98.8 60.0 100.0





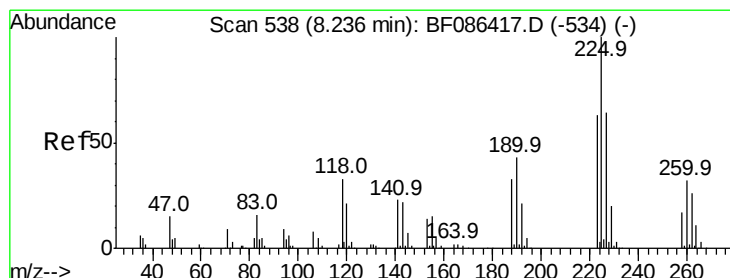
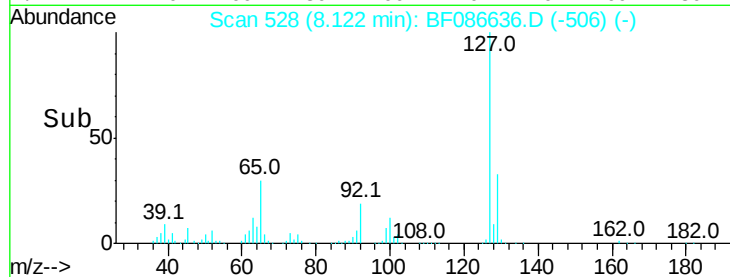
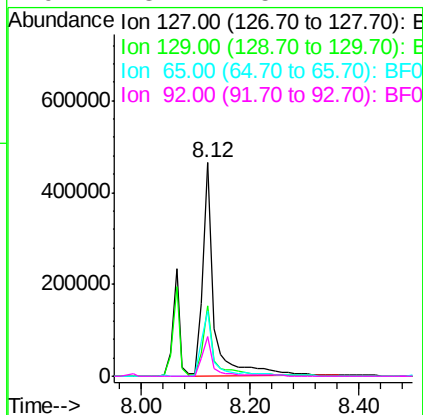
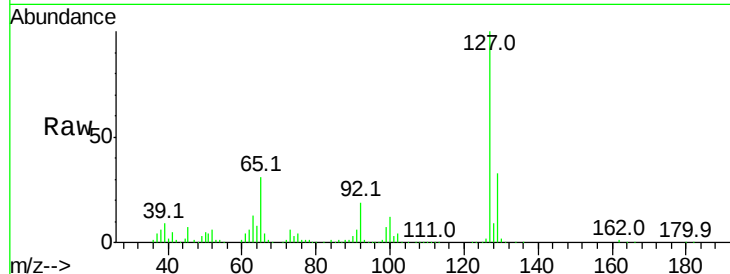
#33
4-Chloroaniline
Concen: 42.59 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		666399		
129	32.8	26.2	39.4		
65	30.8	23.0	34.4		
92	18.7	15.1	22.7		

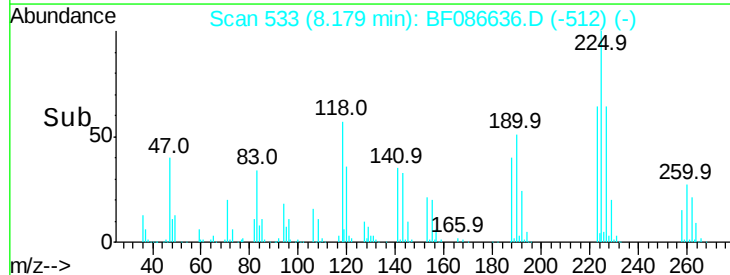
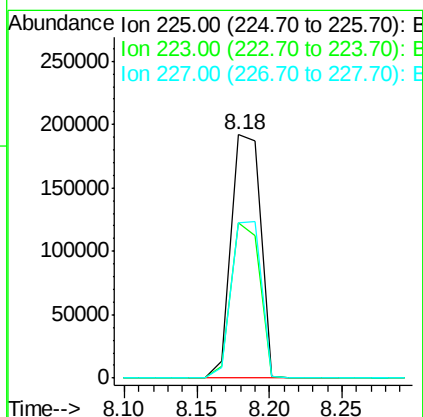
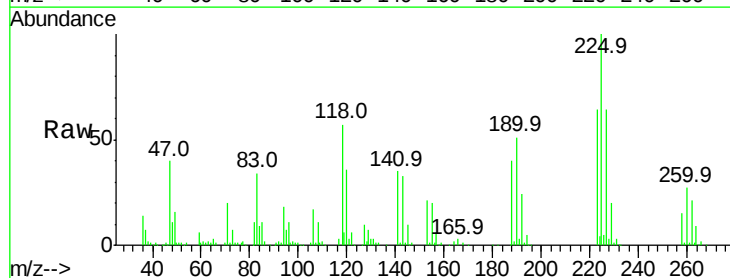
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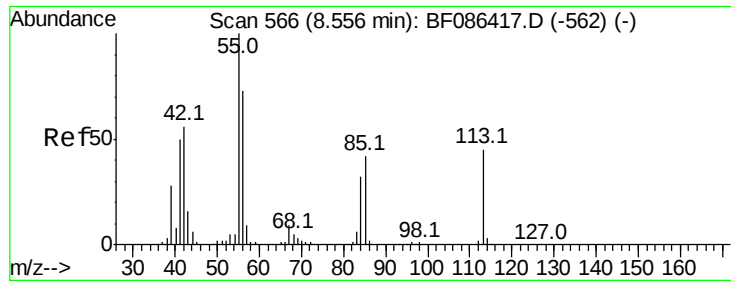
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#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		271500		
223	64.0	51.5	77.3		
227	63.6	52.2	78.2		





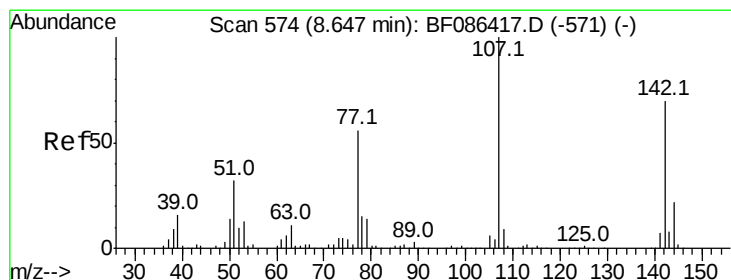
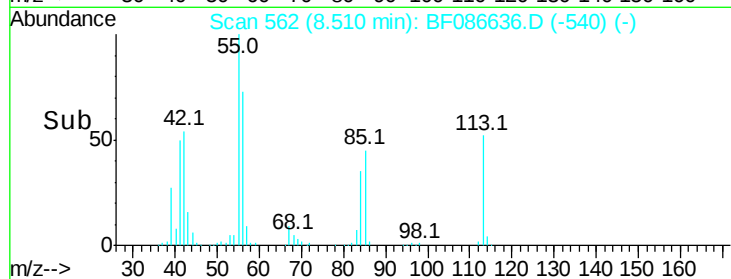
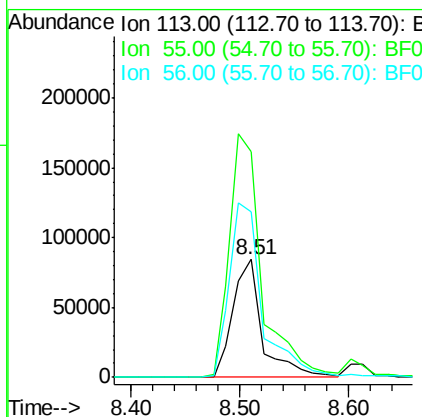
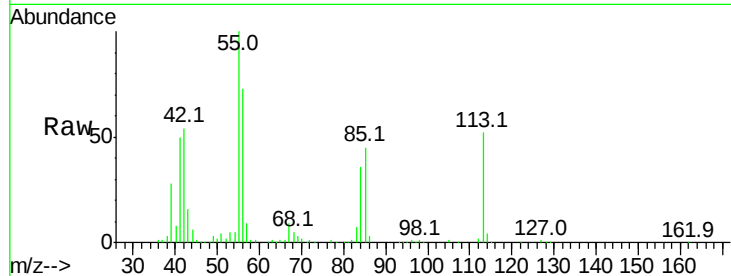
#35
 Caprolactam
 Concen: 44.17 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	191.2	162.0	202.0	
56	140.3	115.3	155.3	

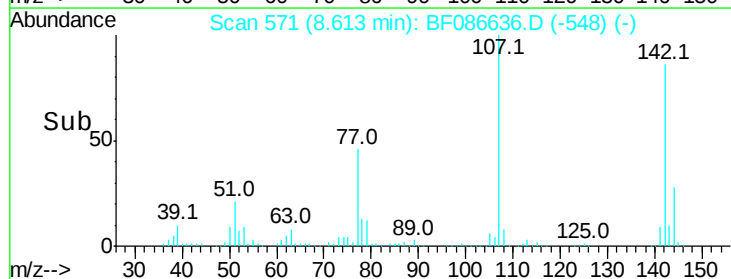
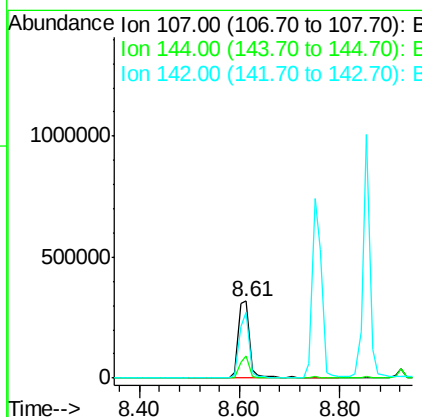
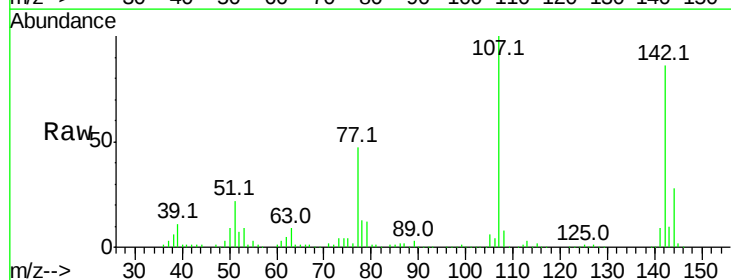
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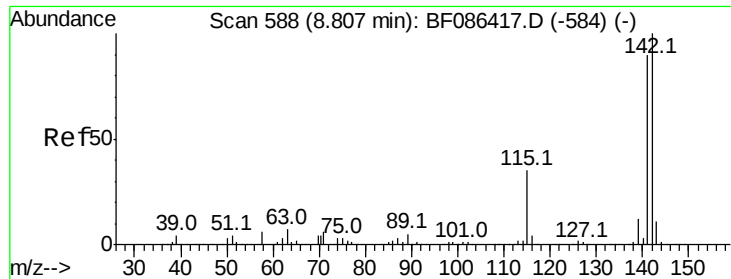
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#36
 4-Chloro-3-methylphenol
 Concen: 41.21 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.4	20.7	31.1	
142	86.2	63.2	94.8	





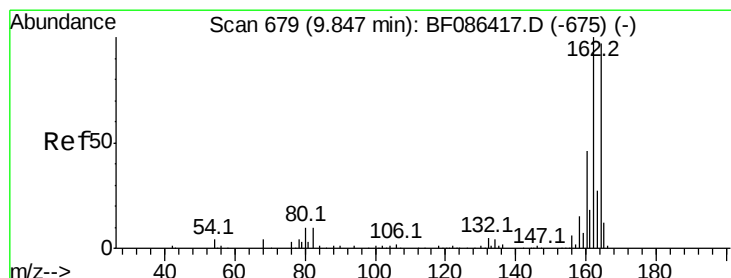
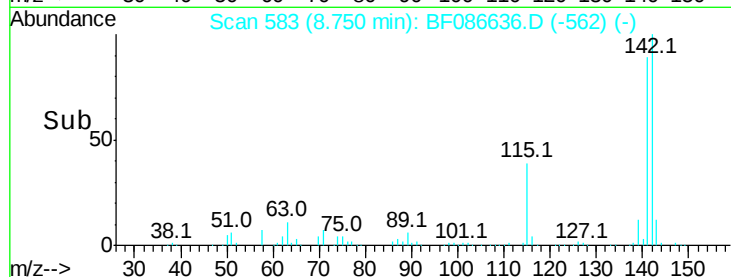
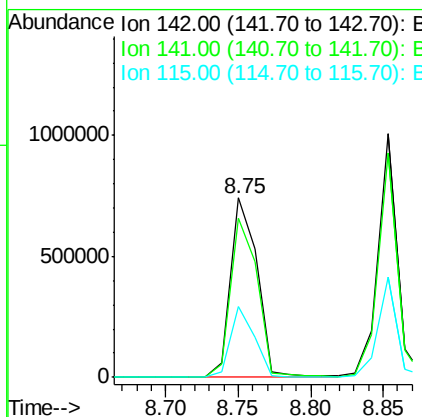
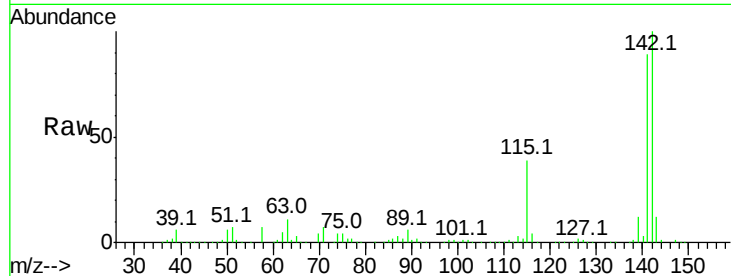
#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	949036		
141	88.6	71.0	106.6	
115	39.5	26.6	39.8	

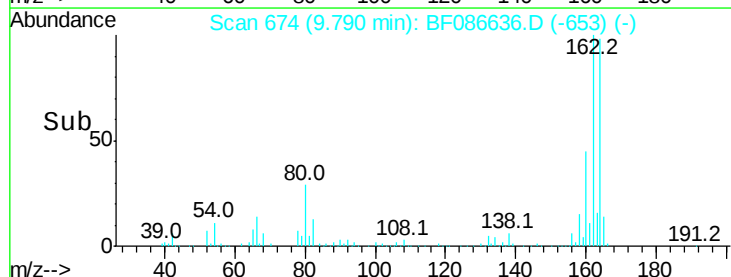
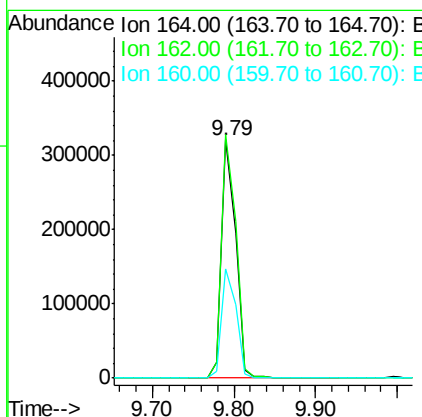
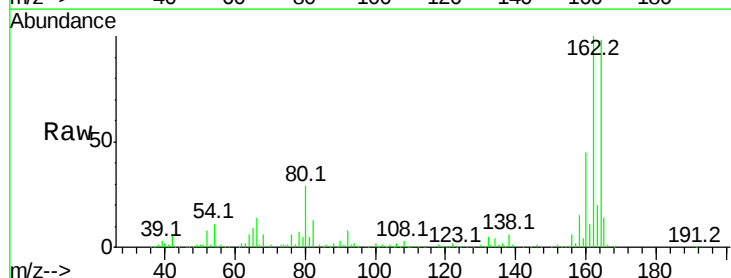
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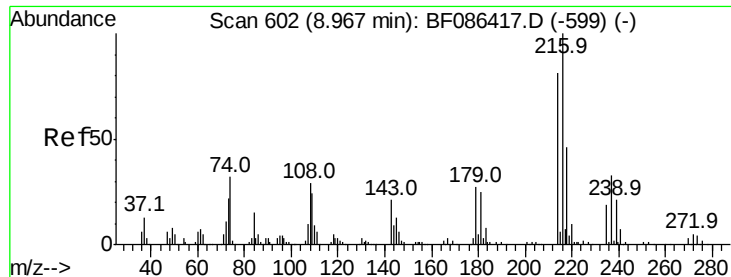
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	381517		
162	102.2	82.8	124.2	
160	46.1	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.83 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

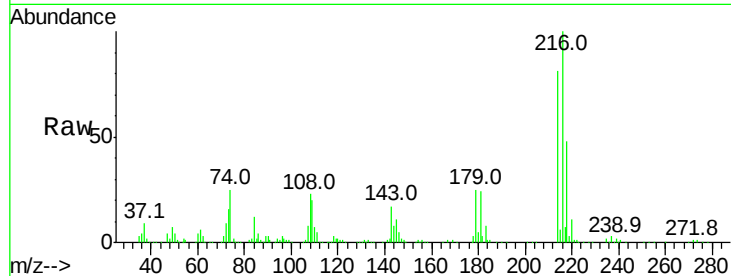
ClientSampleId :

SSTDCCC040

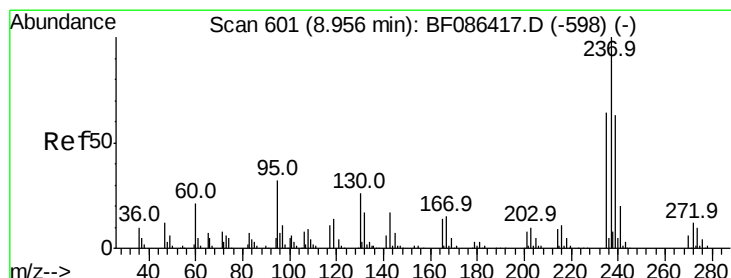
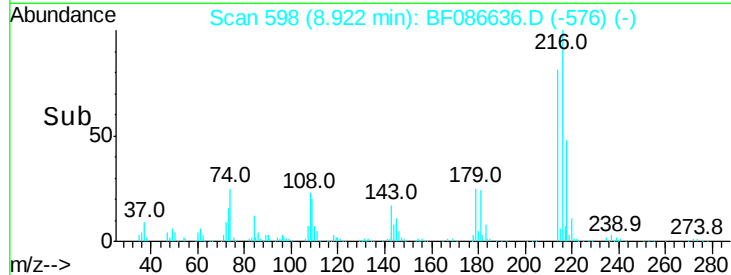
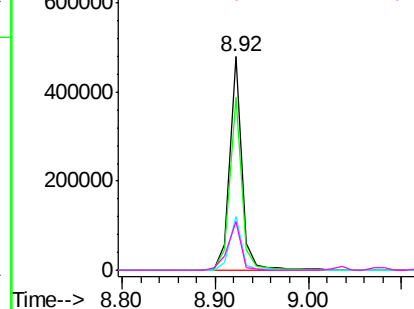
Tot Ion	Ratio	Resp	Lower	Upper
216	100	434926		
214	80.8	62.6	93.8	
179	24.8	18.2	27.4	
108	25.1	17.5	26.3	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.02 ng

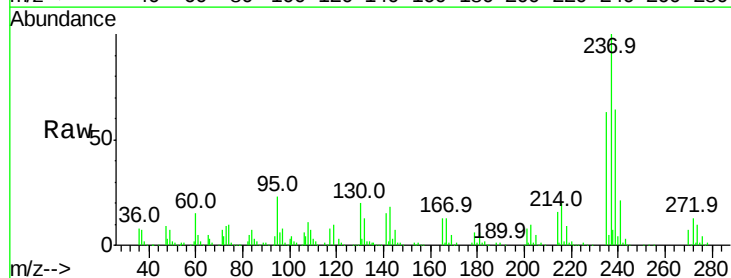
RT: 8.91 min Scan# 597

Delta R.T. -0.05 min

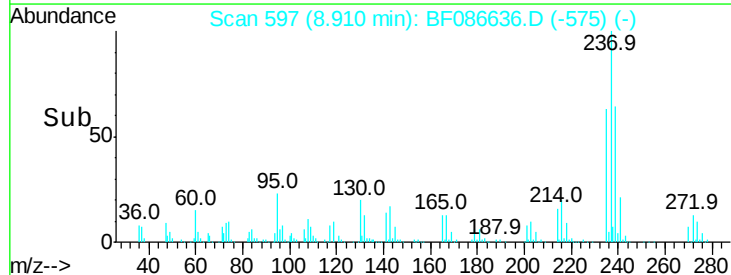
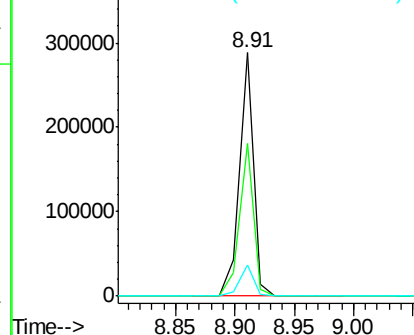
Lab File: BF086636.D

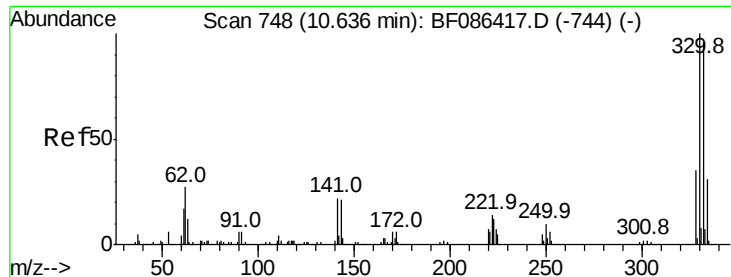
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	238872		
235	63.0	47.2	87.2	
272	12.6	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 82.54 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

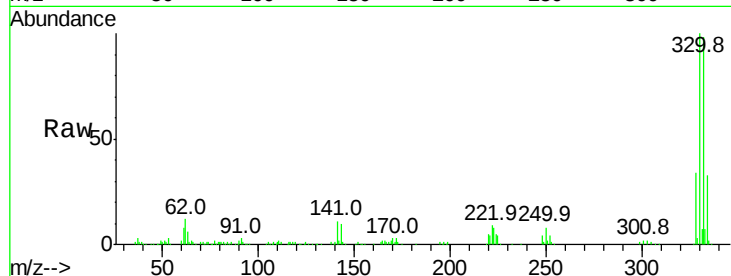
ClientSampleId :

SSTDCCC040

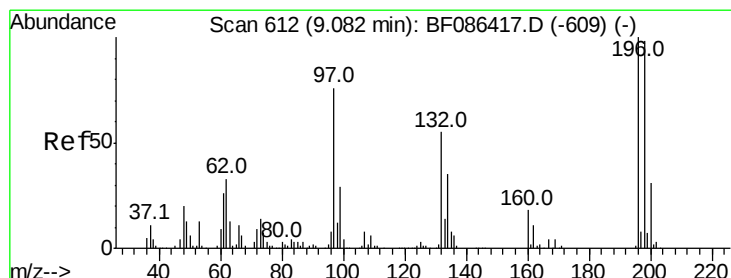
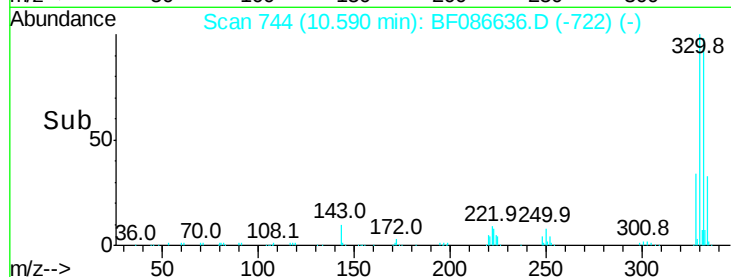
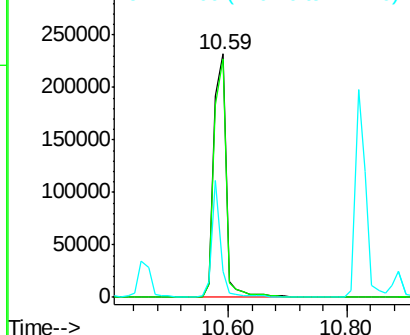
Tot Ion:	330	Resp:	332103
Ion Ratio	Lower	Upper	
330	100		
332	96.5	79.0	118.4
141	33.1	31.2	46.8

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



#42

2,4,6-Trichlorophenol

Concen: 43.18 ng

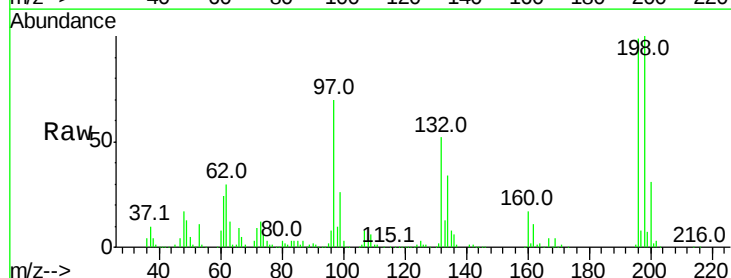
RT: 9.04 min Scan# 608

Delta R.T. -0.05 min

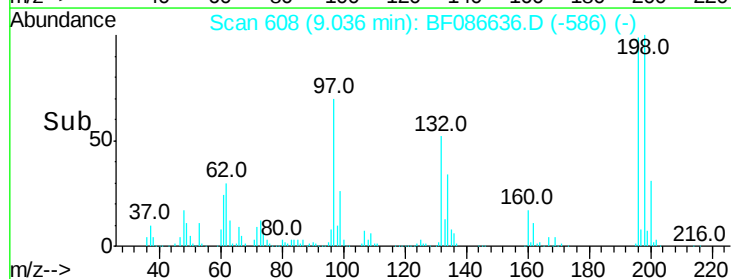
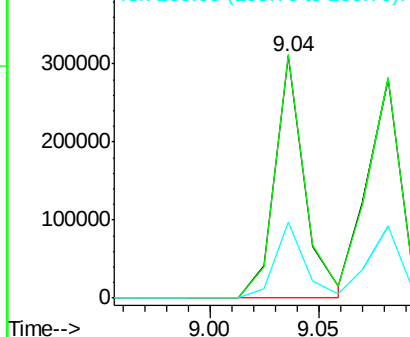
Lab File: BF086636.D

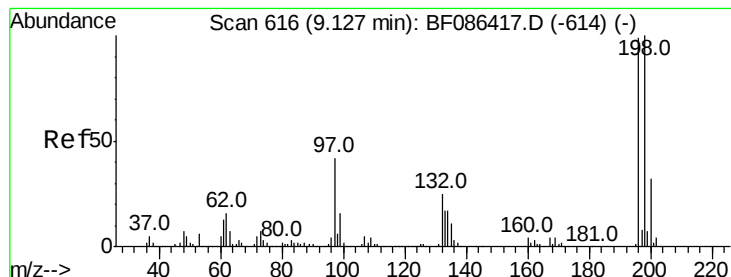
Acq: 3 May 2016 10:02

Tgt Ion:	196	Resp:	298107
Ion Ratio	Lower	Upper	
196	100		
198	100.6	74.7	112.1
200	31.6	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





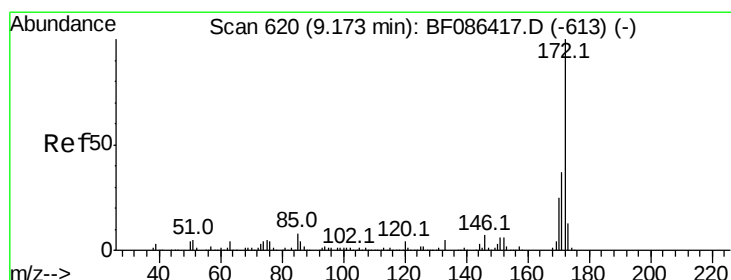
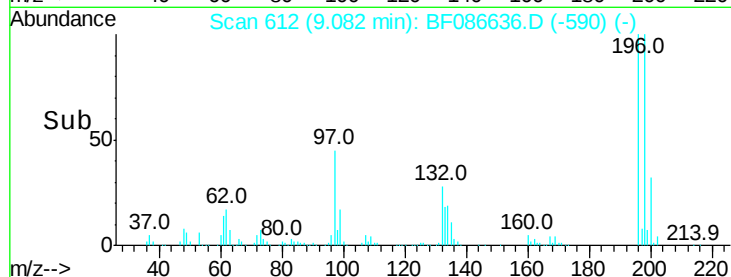
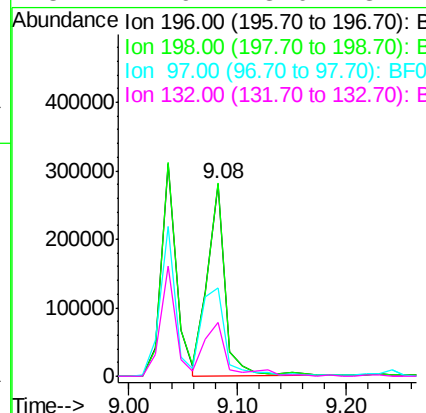
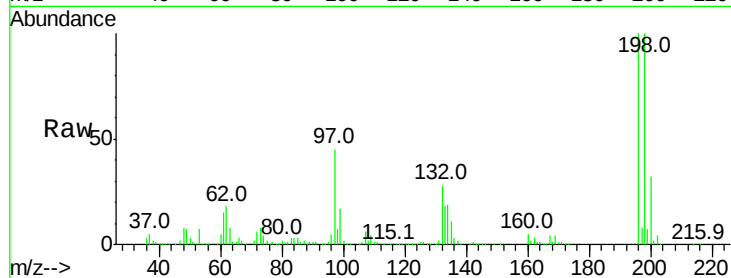
#43
 2,4,5-Trichlorophenol
 Concen: 42.72 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	321408
Ion Ratio	Lower	Upper	
196	100		
198	100.5	77.5	116.3
97	45.7	34.8	52.2
132	27.9	23.0	34.4

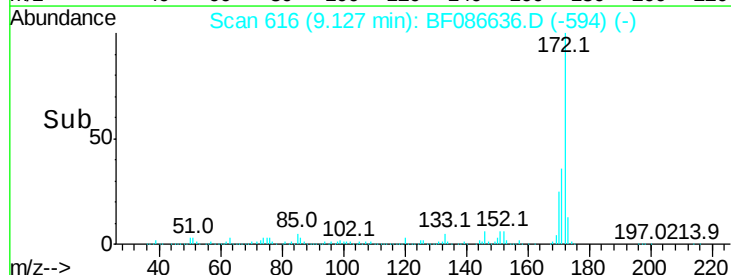
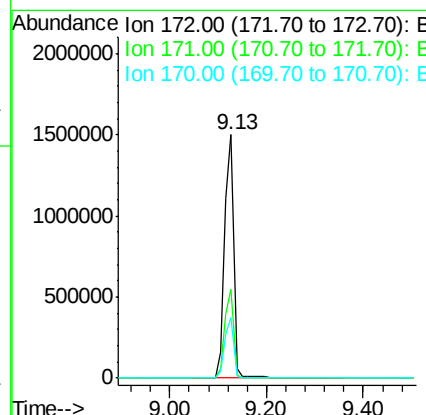
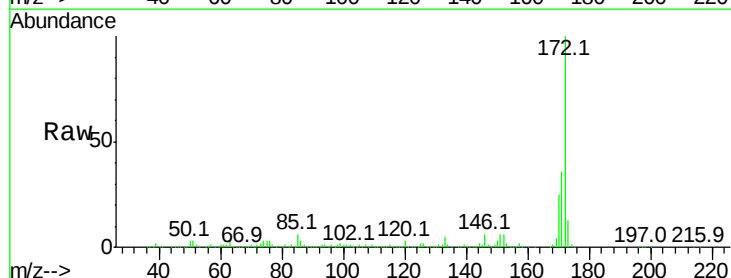
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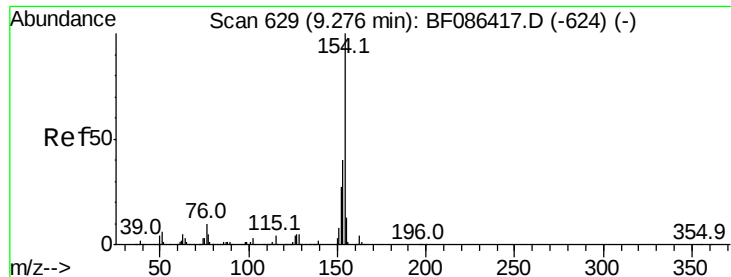
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#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	172	Resp	1992104
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.6
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 37.29 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1189163

Ion Ratio Lower Upper

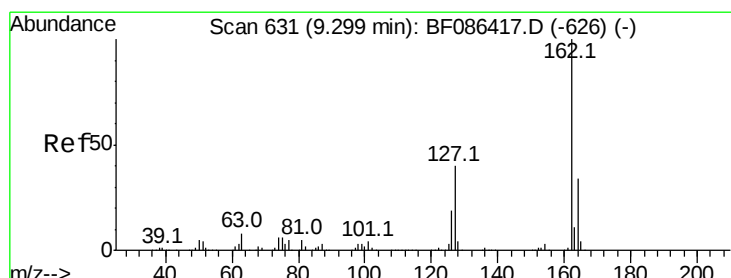
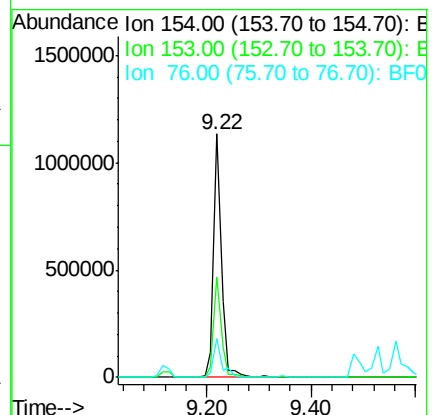
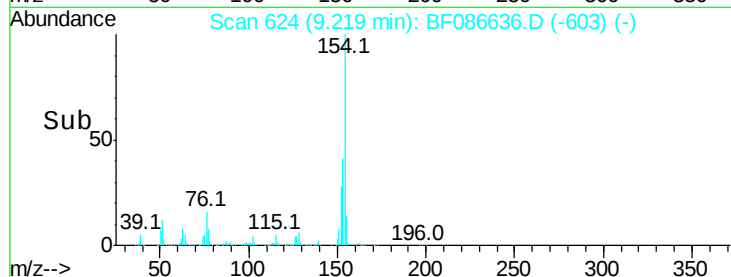
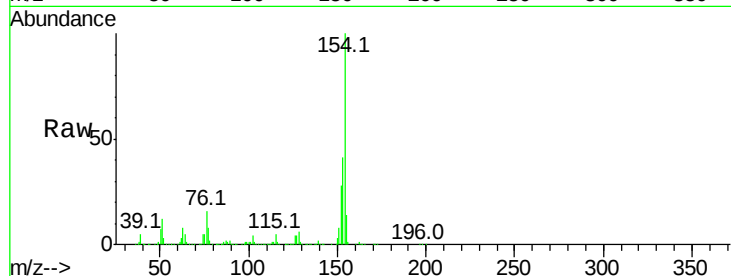
154 100

153 40.9 20.3 60.3

76 16.0 0.0 30.2

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#46

2-Chloronaphthalene

Concen: 38.16 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

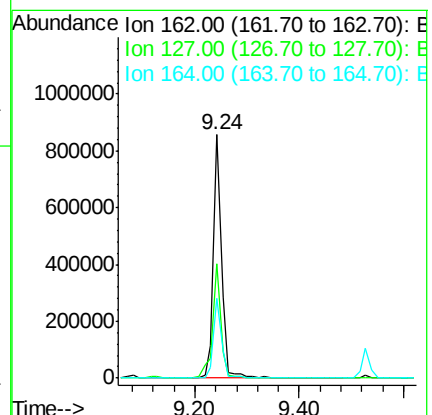
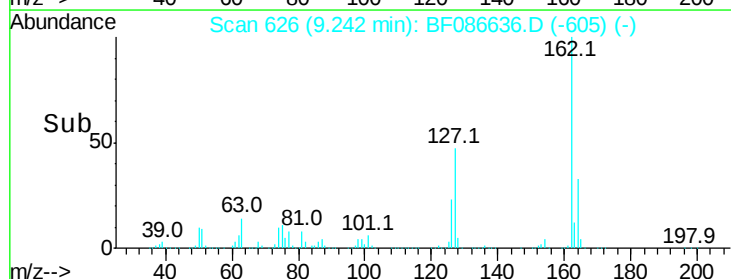
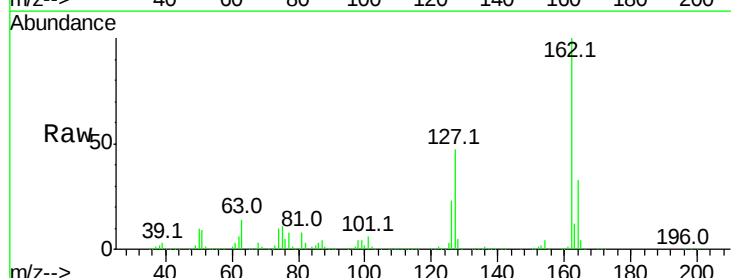
Tgt Ion:162 Resp: 925275

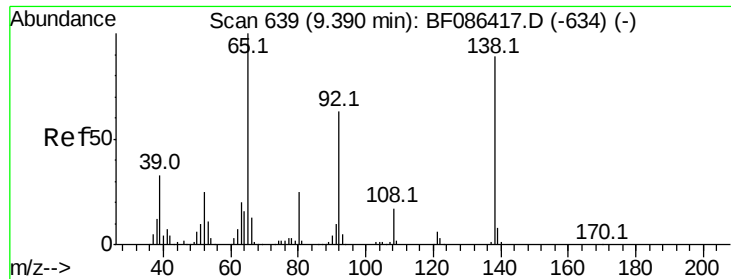
Ion Ratio Lower Upper

162 100

127 47.0 31.8 47.6

164 32.6 27.0 40.6





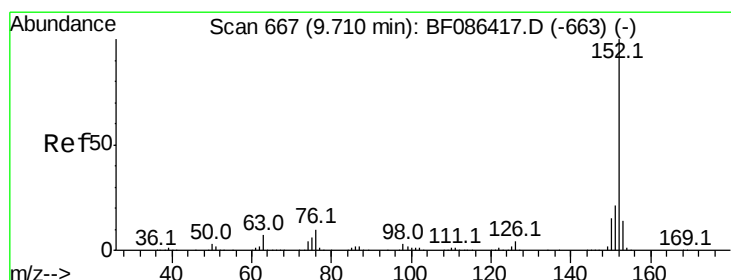
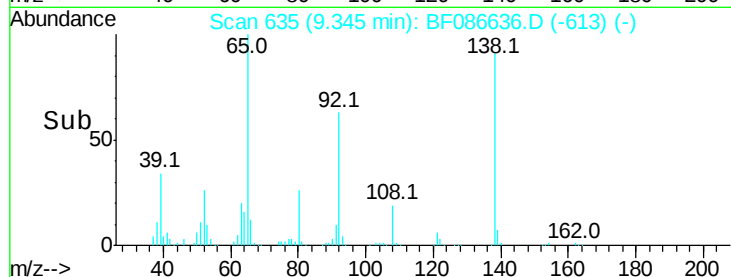
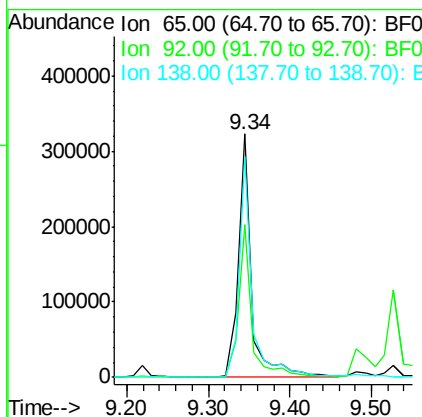
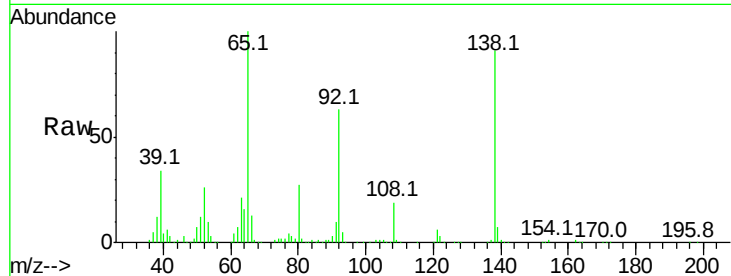
#47
2-Nitroaniline
Concen: 47.91 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	57.4	86.2
138	90.6	90.1	135.1

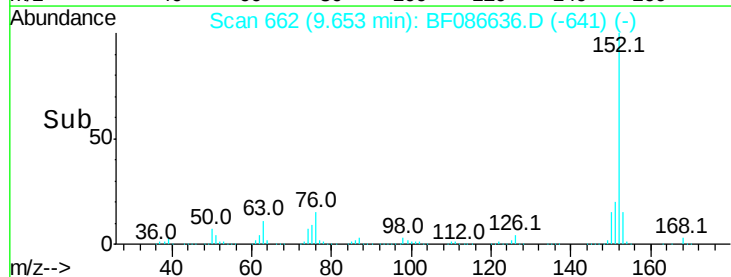
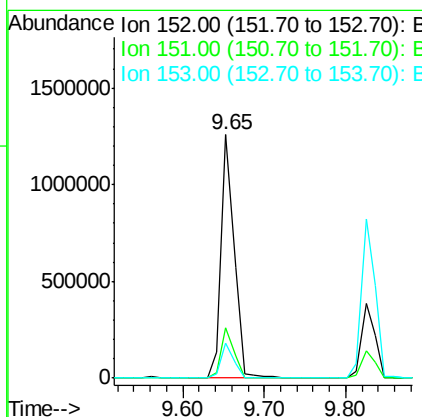
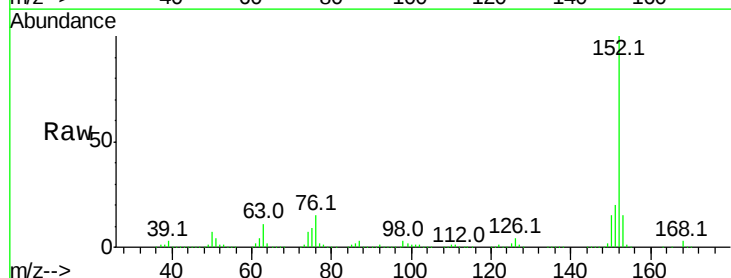
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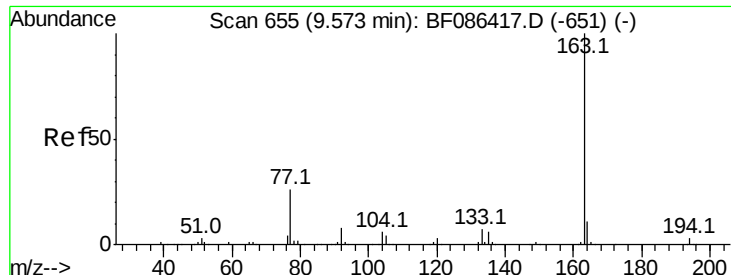
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#48
Acenaphthylene
Concen: 36.75 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.6	10.9	16.3





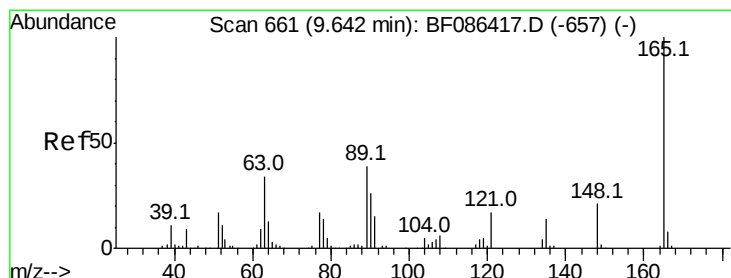
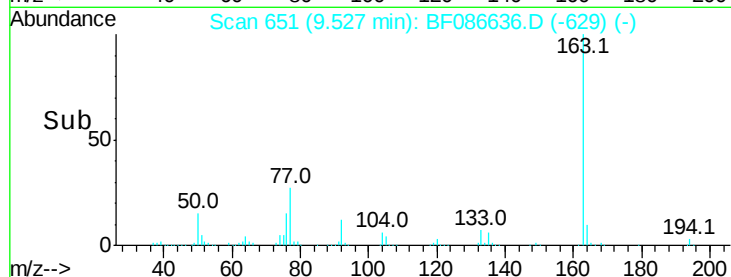
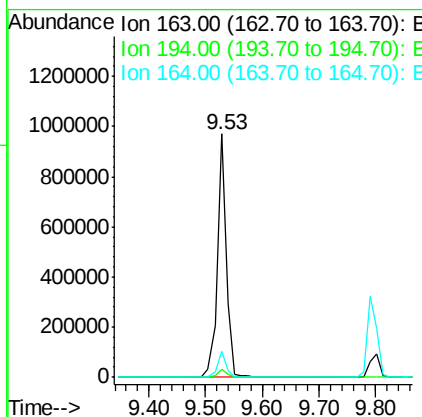
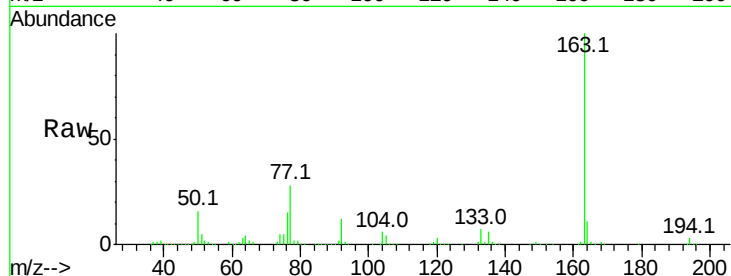
#49
Dimethylphthalate
Concen: 36.72 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1054623
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.2 12.4

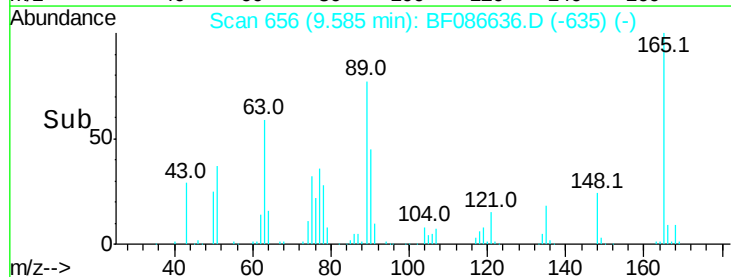
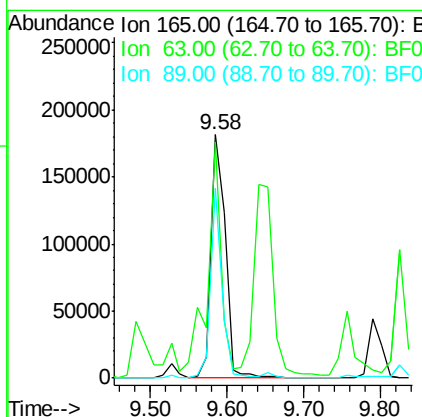
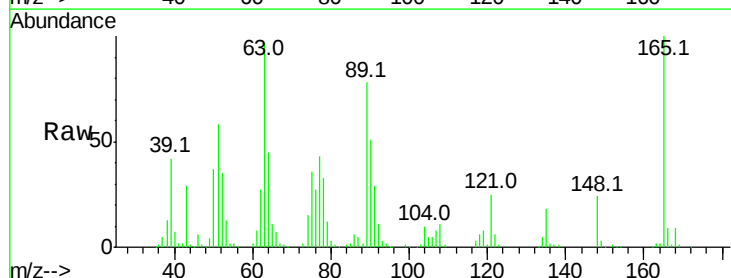
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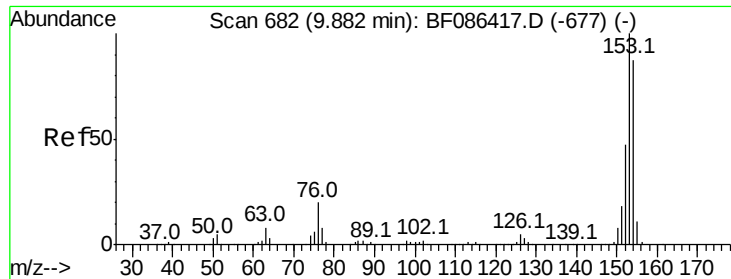
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#50
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion:165 Resp: 233285
Ion Ratio Lower Upper
165 100
63 96.9 51.8 77.8#
89 78.2 50.7 76.1#





#51

Acenaphthene

Concen: 38.88 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

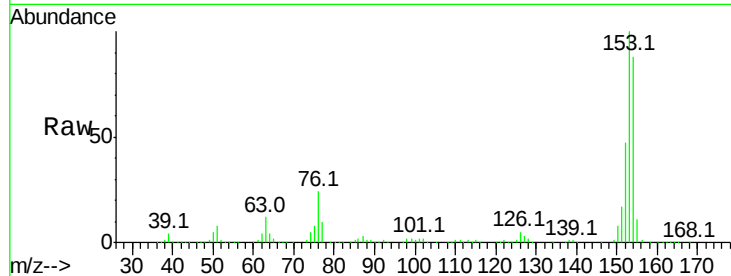
ClientSampleId :

SSTDCCC040

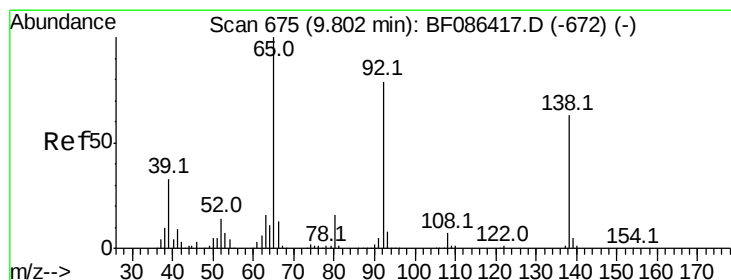
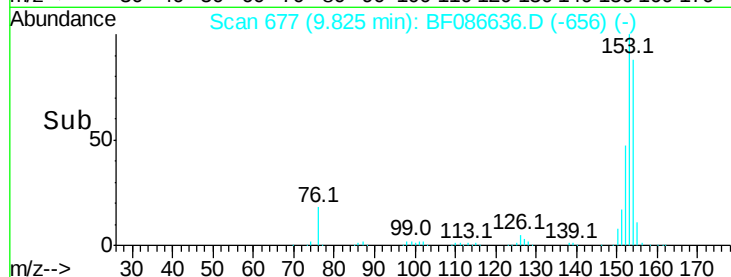
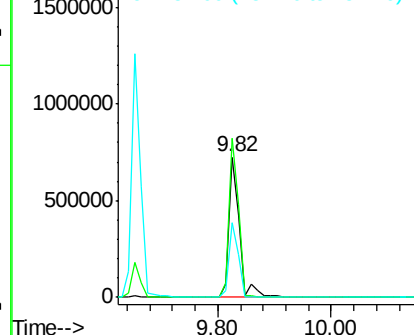
Tot Ion:	154	Resp:	946396
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	53.1	43.4	65.0

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



#52

3-Nitroaniline

Concen: 43.18 ng

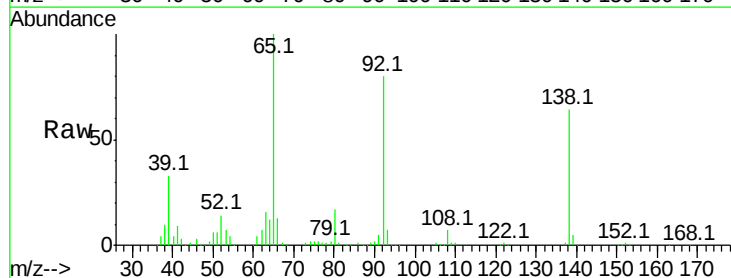
RT: 9.76 min Scan# 671

Delta R.T. -0.05 min

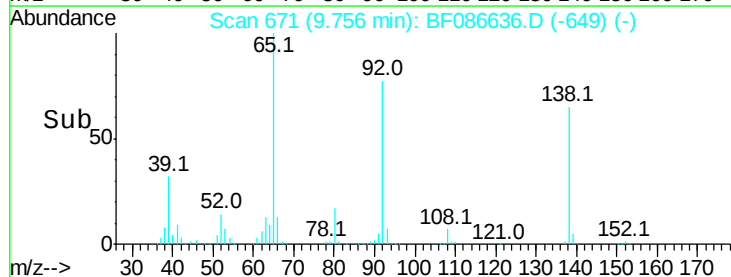
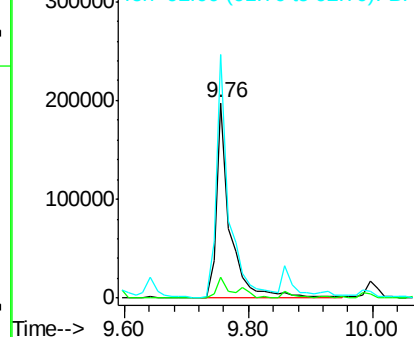
Lab File: BF086636.D

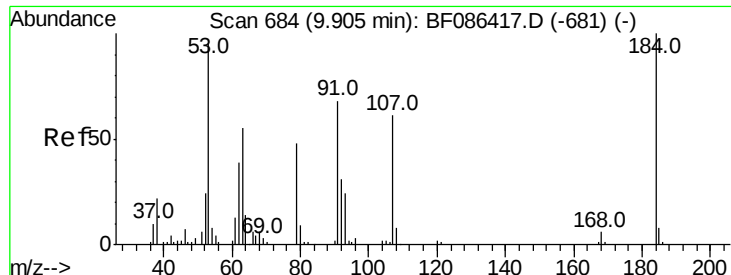
Acq: 3 May 2016 10:02

Tgt Ion:	138	Resp:	291375
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	124.5	87.8	131.8



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





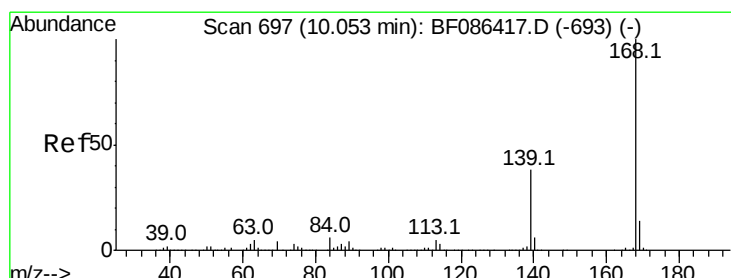
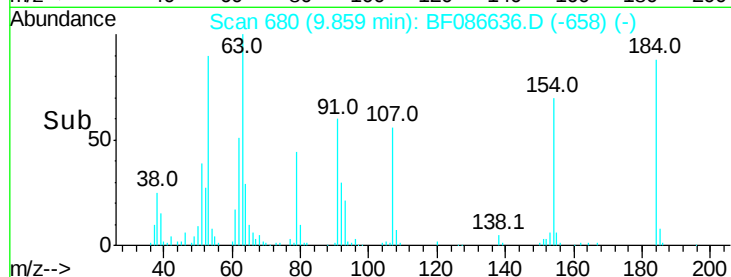
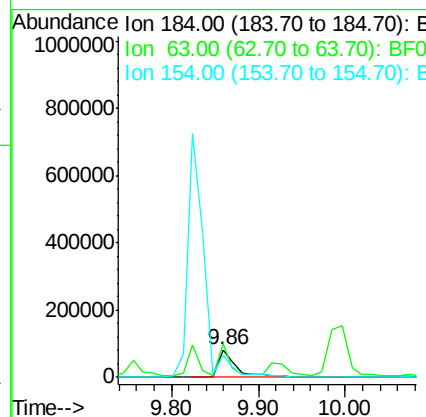
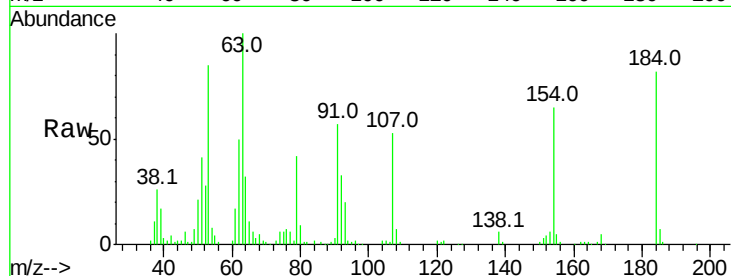
#53
2,4-Dinitrophenol
Concen: 42.54 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124820		
63	121.3	55.8	83.8#	
154	79.4	62.4	93.6	

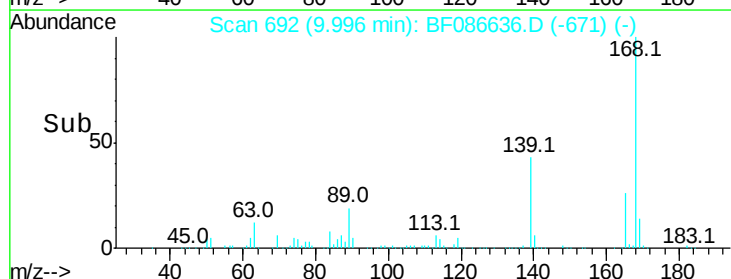
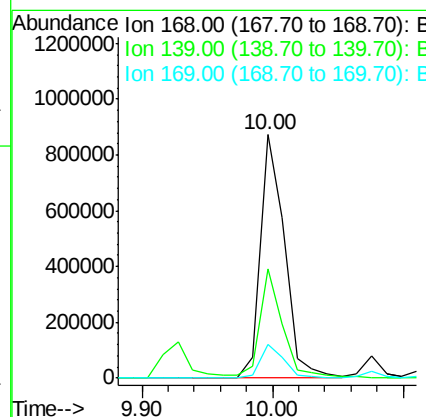
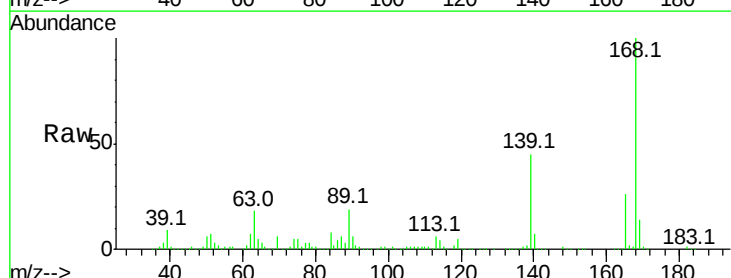
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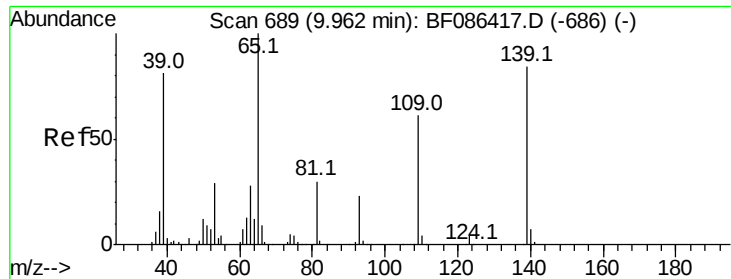
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#54
Dibenzofuran
Concen: 37.16 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1130699		
139	44.7	31.4	47.0	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 43.34 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

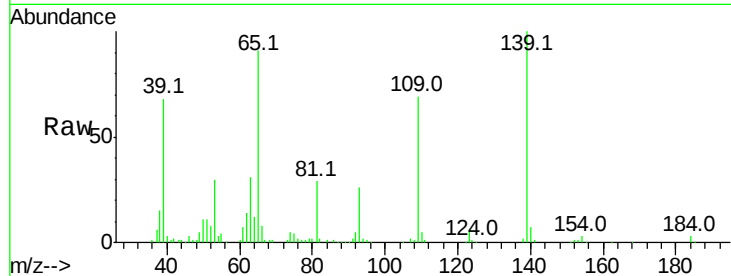
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	191504
Ion Ratio	Lower	Upper	
139	100		
109	68.5	36.9	76.9
65	90.9	64.0	104.0

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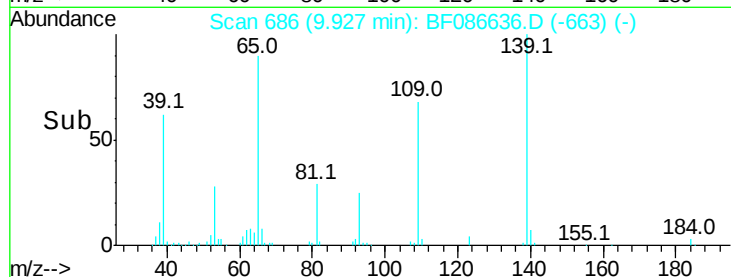
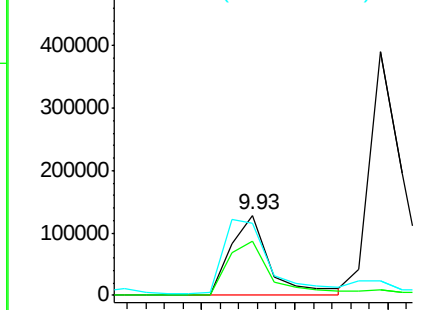
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.22 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

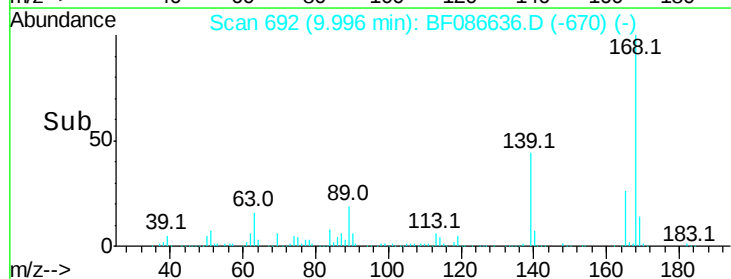
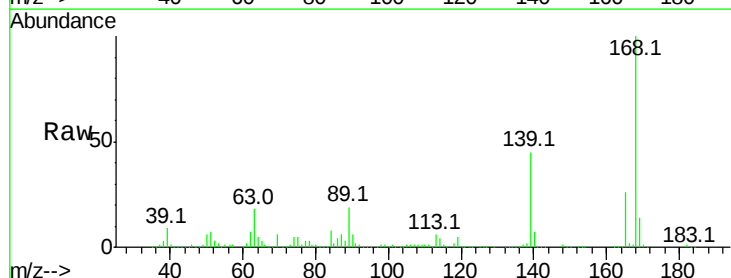
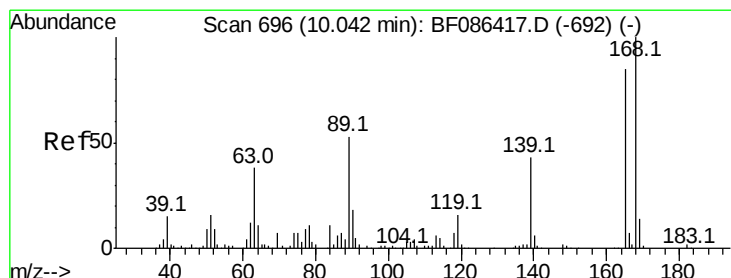
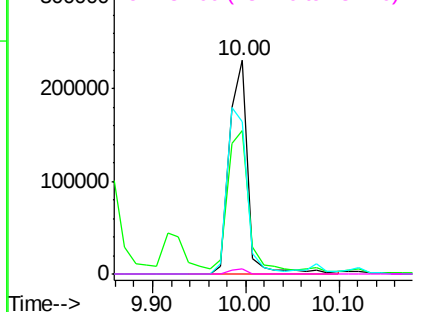
Tgt Ion:	165	Resp:	319373
Ion Ratio	Lower	Upper	
165	100		
63	67.0	44.3	66.5#
89	71.2	70.0	105.0
182	2.6	1.8	2.6

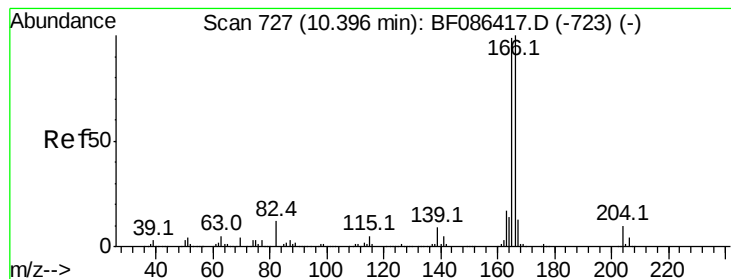
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.59 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 887245

Ion Ratio Lower Upper

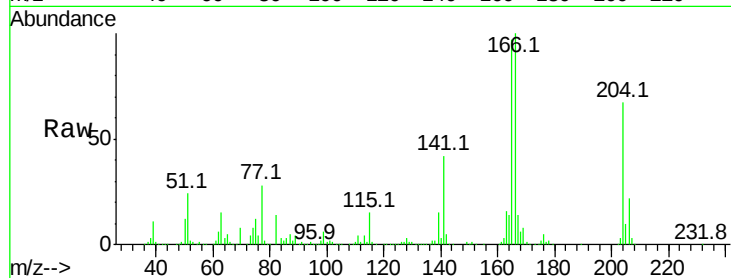
166 100

165 96.9 79.0 118.6

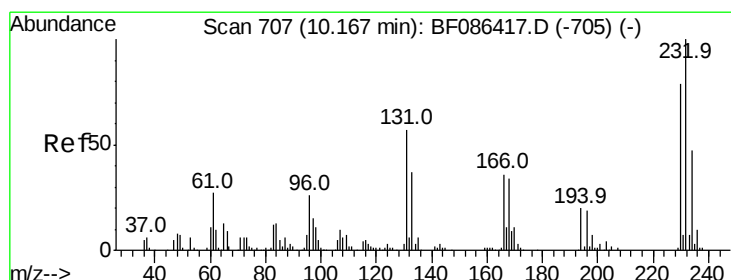
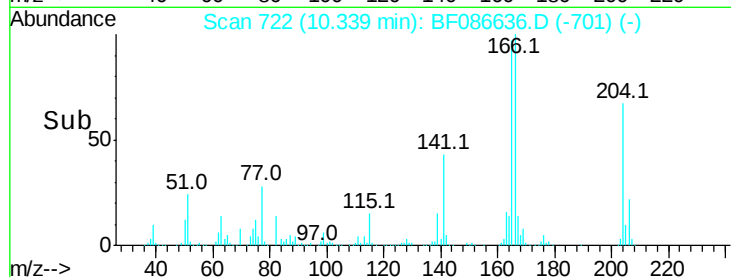
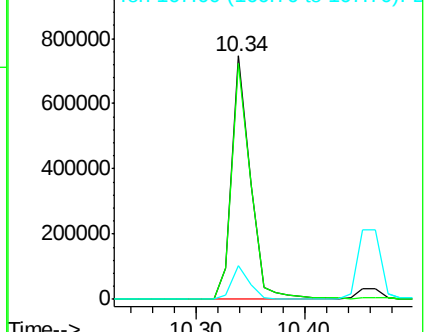
167 13.7 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.72 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:232 Resp: 257186

Ion Ratio Lower Upper

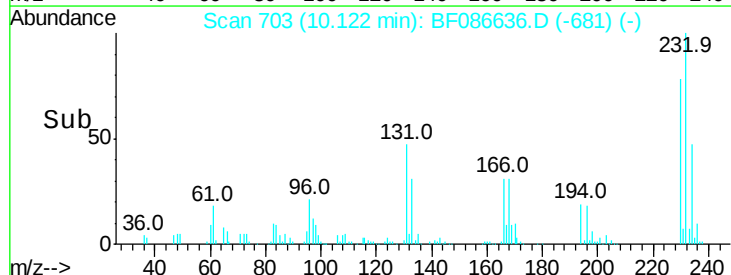
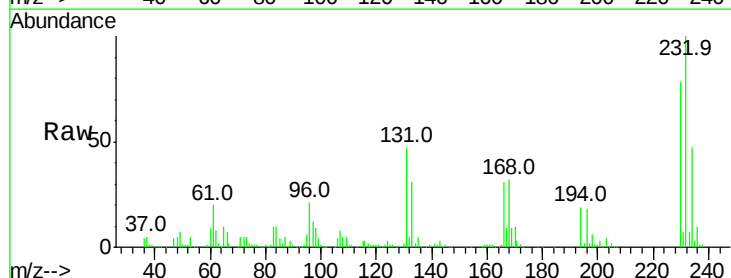
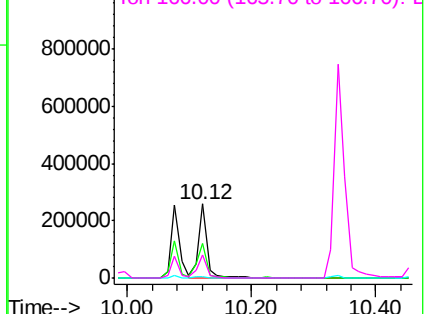
232 100

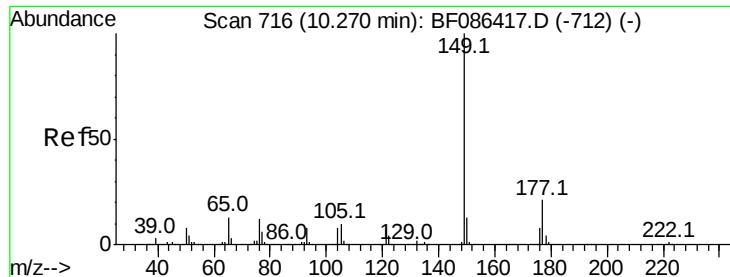
131 51.8 41.9 62.9

130 2.5 2.2 3.4

166 31.5 26.8 40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





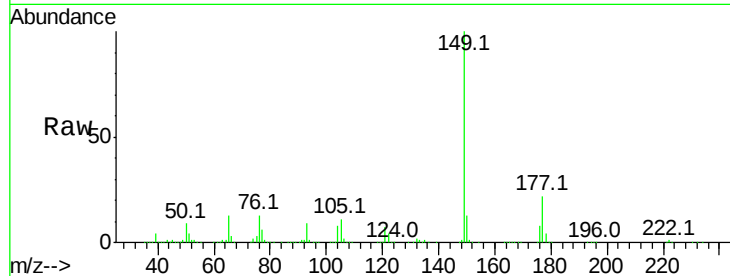
#59
Diethylphthalate
Concen: 39.09 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

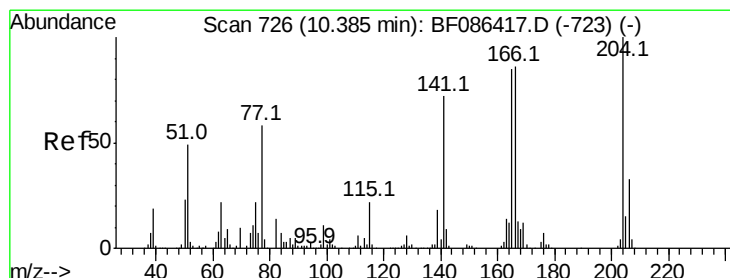
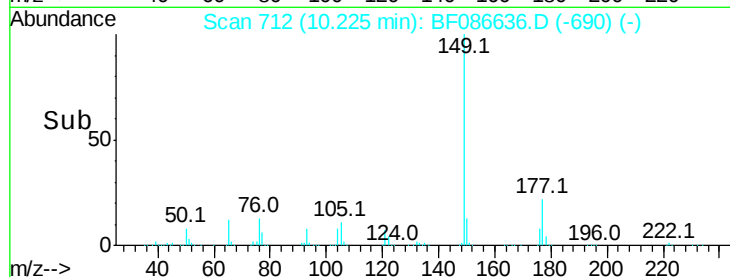
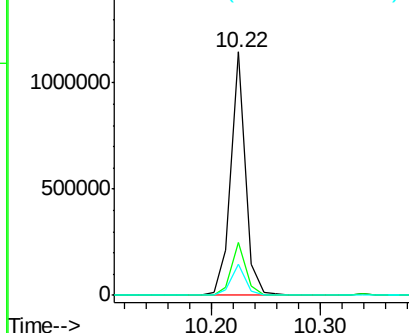
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.6	24.8
150	13.0	10.0	15.0

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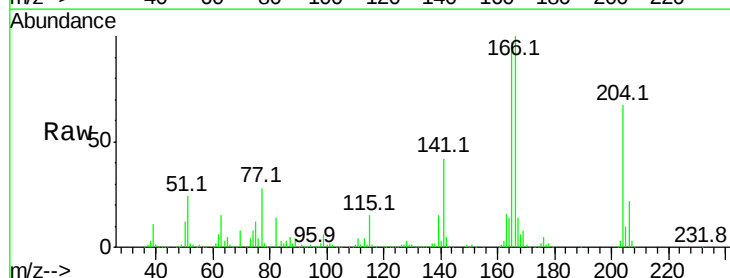


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

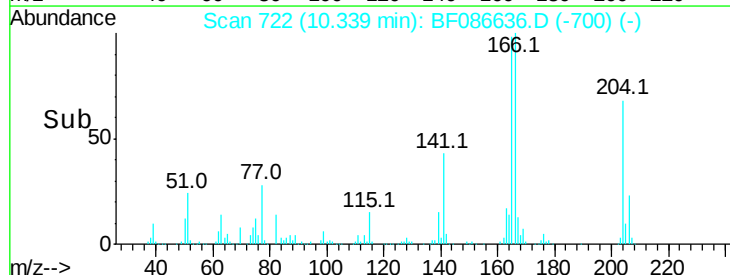
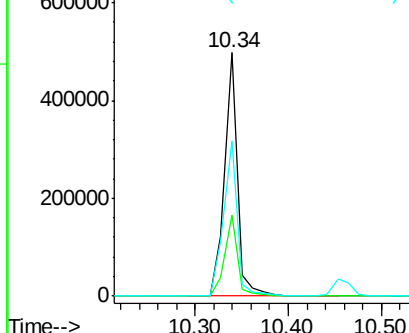


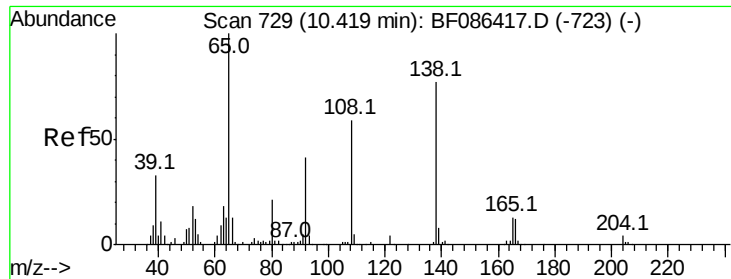
#60
4-Chlorophenyl-phenylether
Concen: 40.14 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.4	38.0
141	63.6	61.6	92.4



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





#61

4-Nitroaniline

Concen: 40.83 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

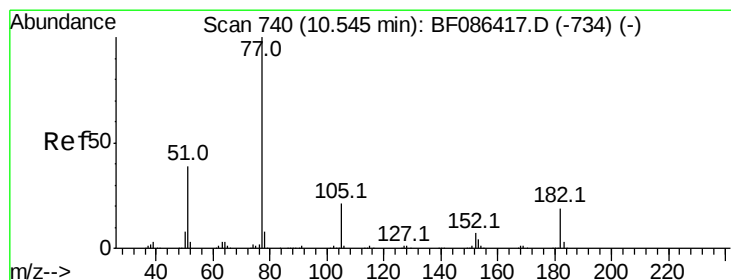
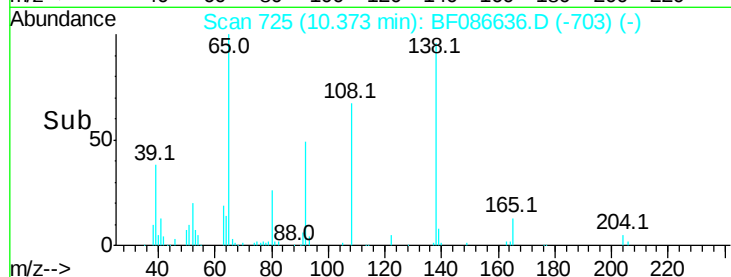
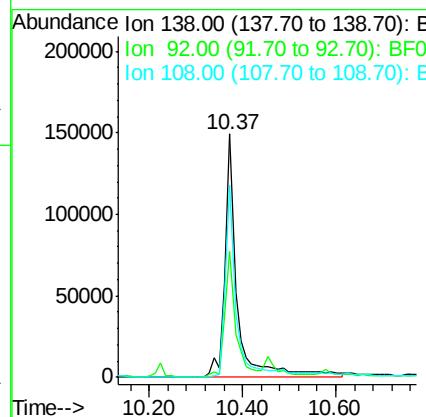
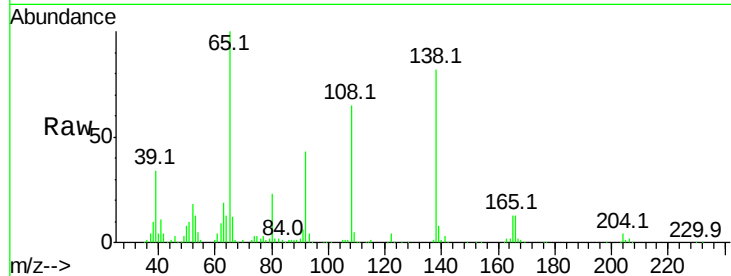
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	269325
Ion Ratio	Lower	Upper	
138	100		
92	51.7	24.7	64.7
108	78.9	37.4	77.4#

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#62

Azobenzene

Concen: 42.11 ng

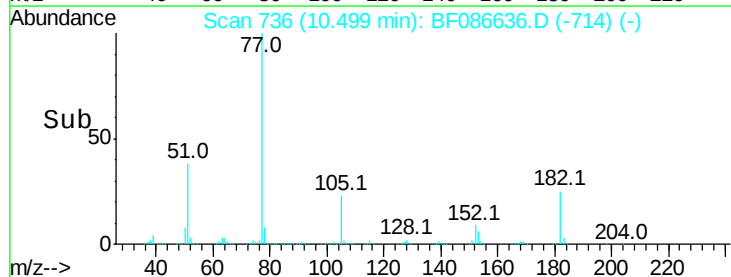
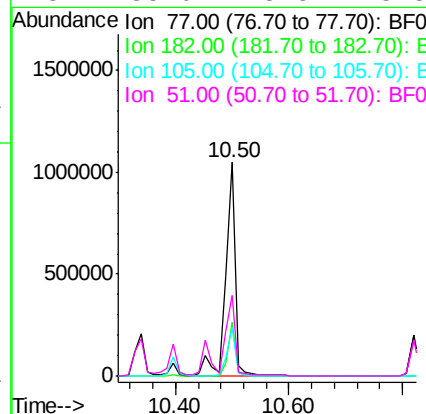
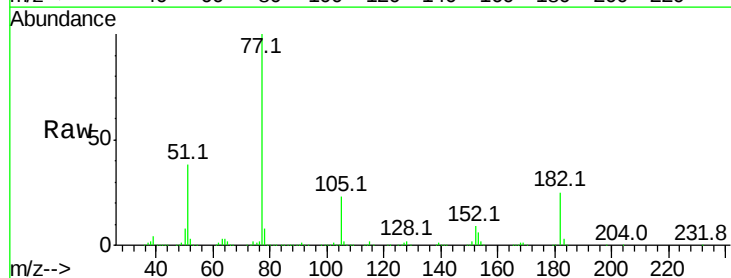
RT: 10.50 min Scan# 736

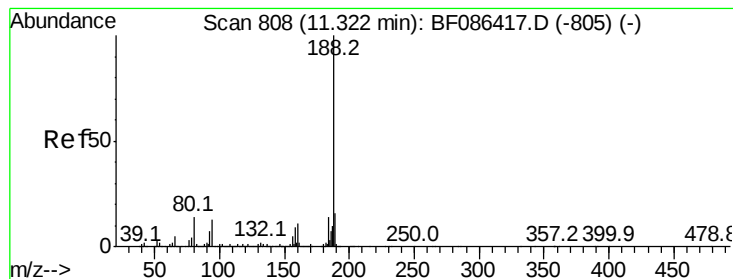
Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:	77	Resp:	1253950
Ion Ratio	Lower	Upper	
77	100		
182	25.4	0.0	38.8
105	23.0	3.2	43.2
51	38.0	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

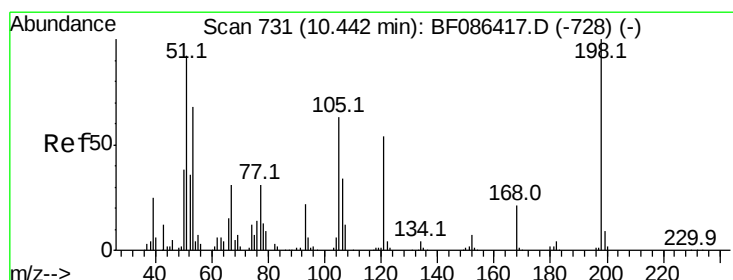
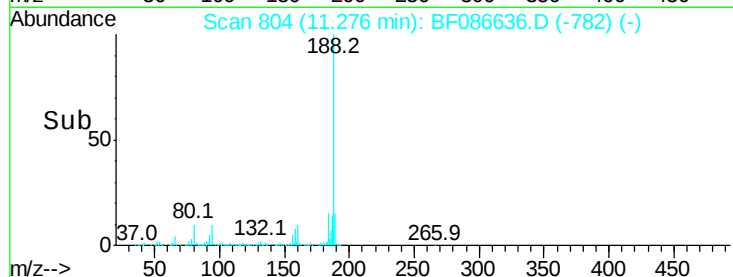
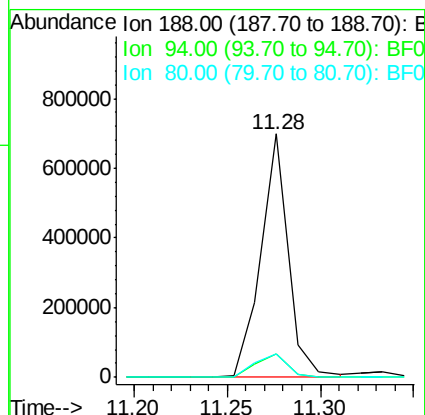
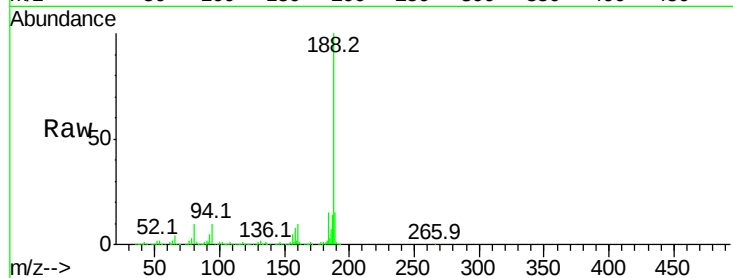
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp: 707702
Ion Ratio	Lower Upper
188 100	
94 9.6	6.8 10.2
80 9.6	7.1 10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.54 ng

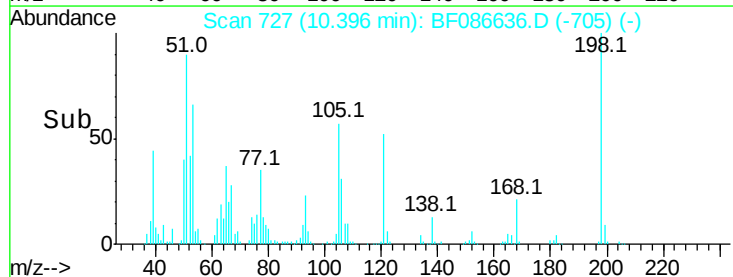
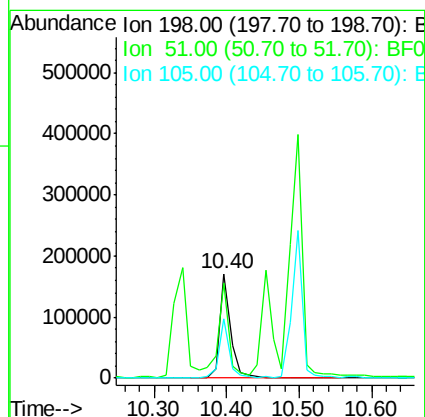
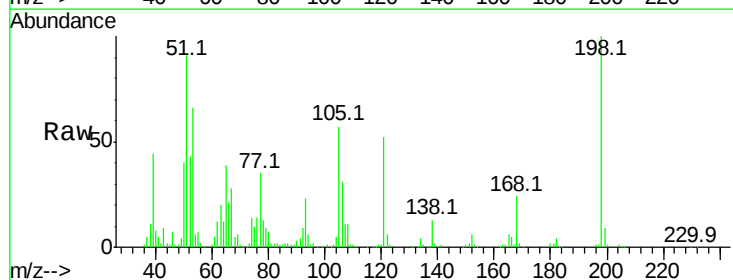
RT: 10.40 min Scan# 727

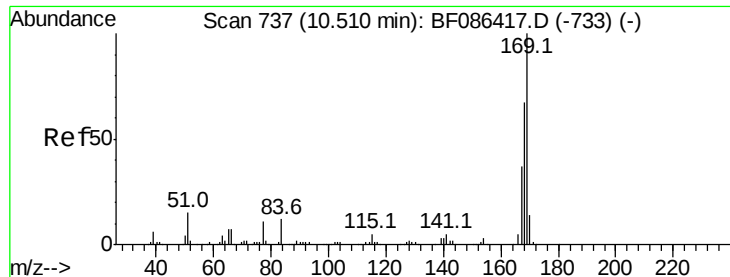
Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:198	Resp: 180904
Ion Ratio	Lower Upper
198 100	
51 90.9	20.5 60.5#
105 56.8	24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.24 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 868003

Ion Ratio Lower Upper

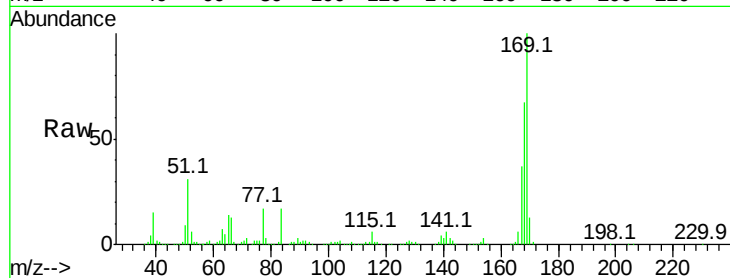
169 100

168 67.0 53.8 80.6

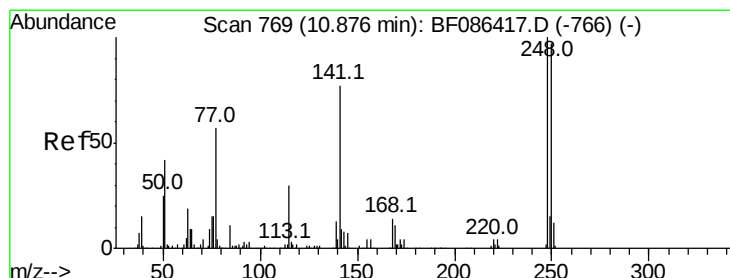
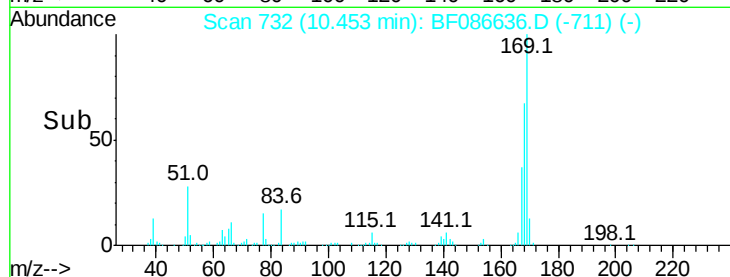
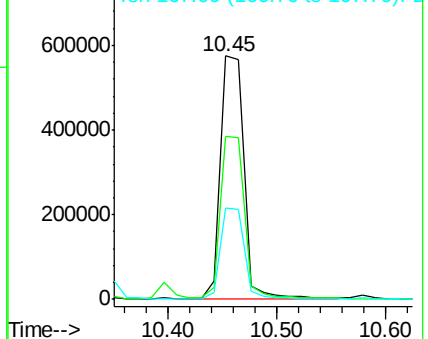
167 37.4 29.5 44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.56 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

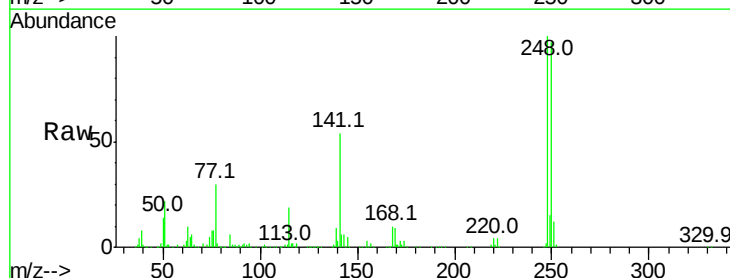
Tgt Ion:248 Resp: 295777

Ion Ratio Lower Upper

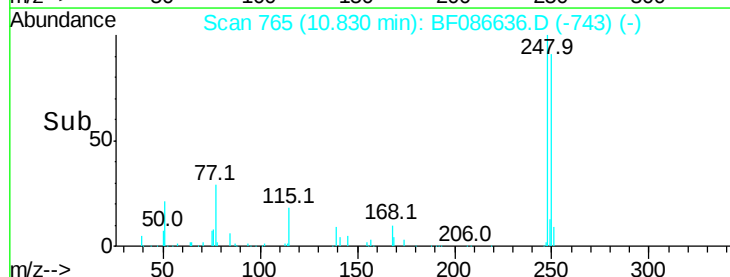
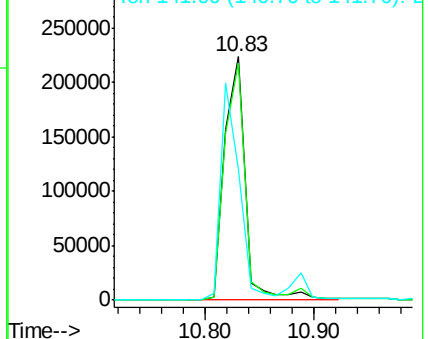
248 100

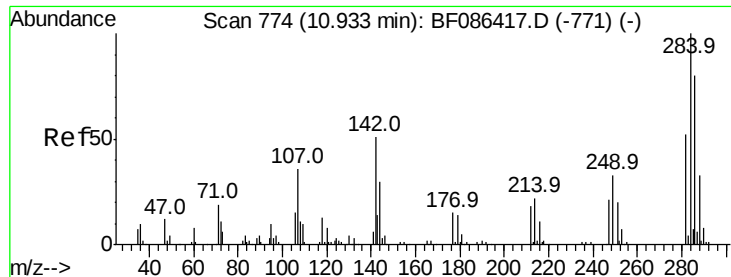
250 97.5 78.6 117.8

141 53.6 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





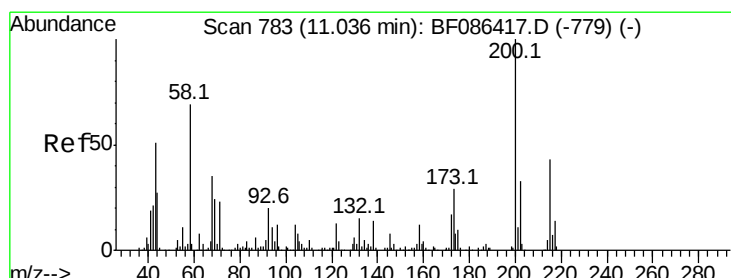
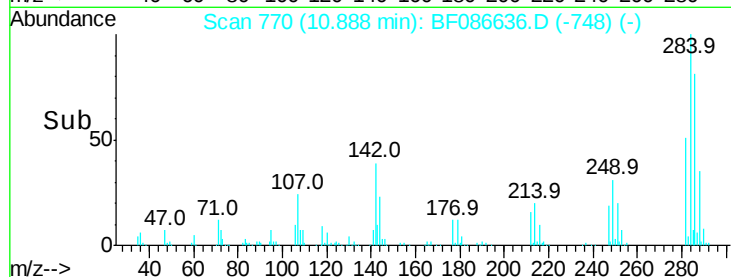
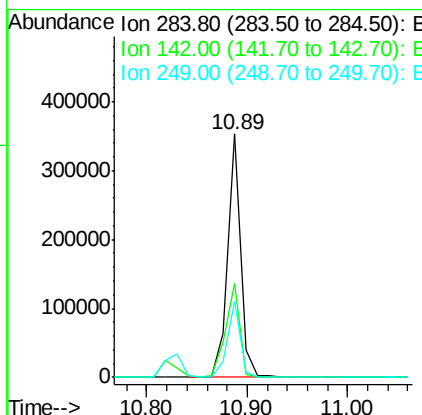
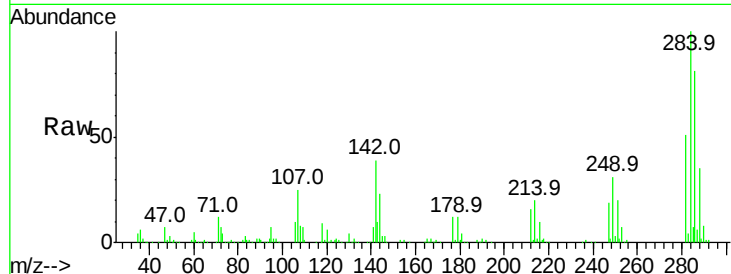
#67
Hexachlorobenzene
Concen: 37.94 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.7	16.7	25.1#	
249	31.1	21.3	31.9	

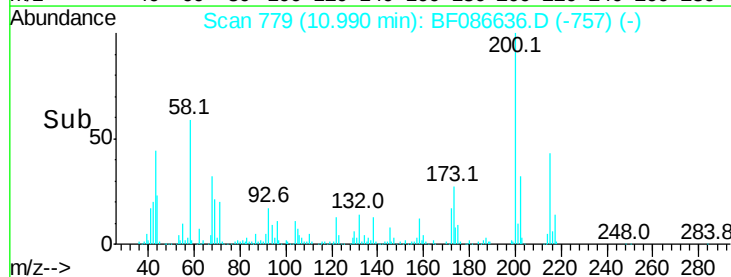
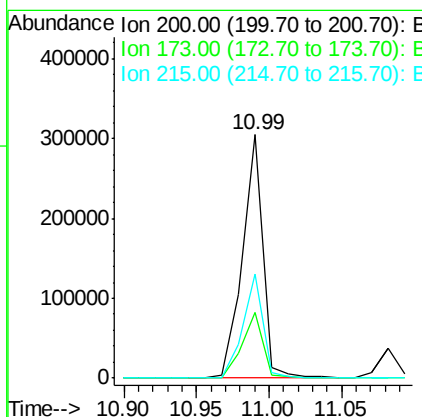
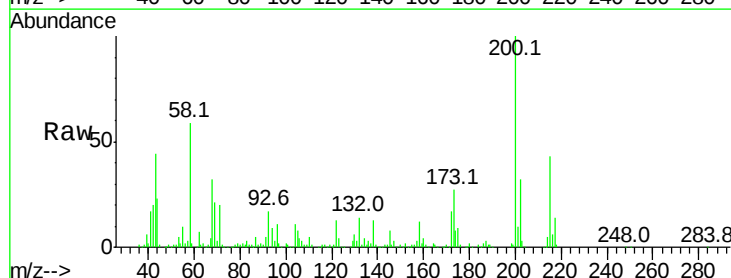
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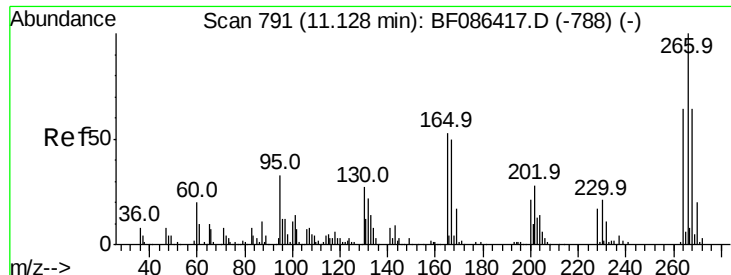
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#68
Atrazine
Concen: 45.03 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	8.5	48.5	
215	42.8	27.2	67.2	





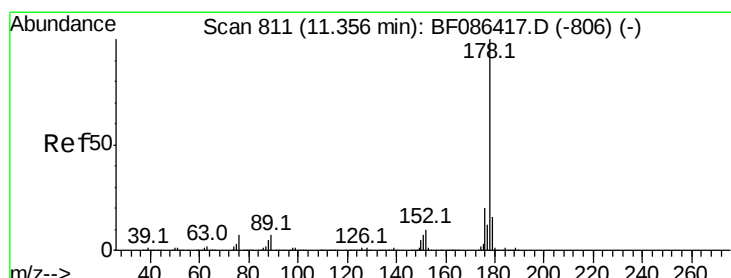
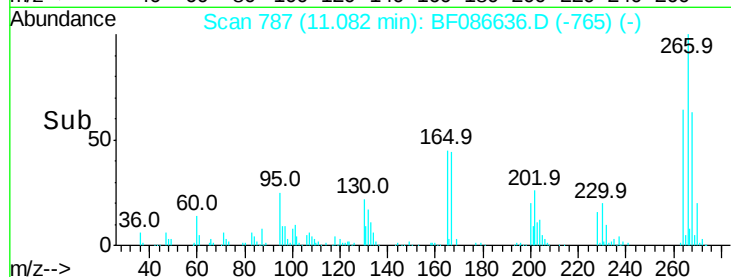
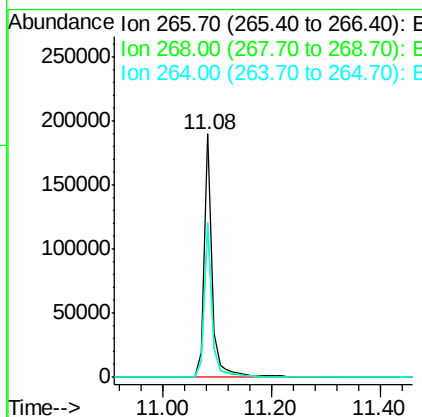
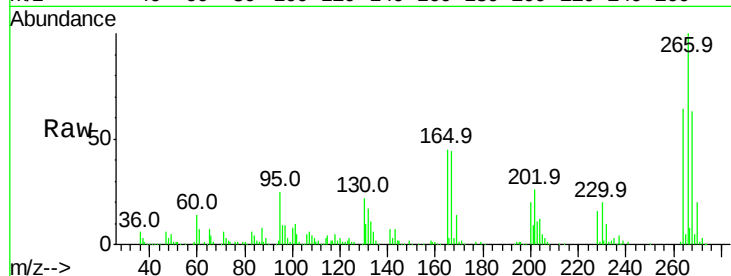
#69
 Pentachlorophenol
 Concen: 43.34 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	192855		
268	62.6	51.5	77.3	
264	63.6	52.9	79.3	

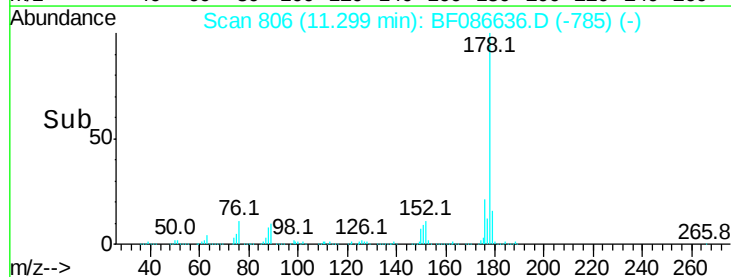
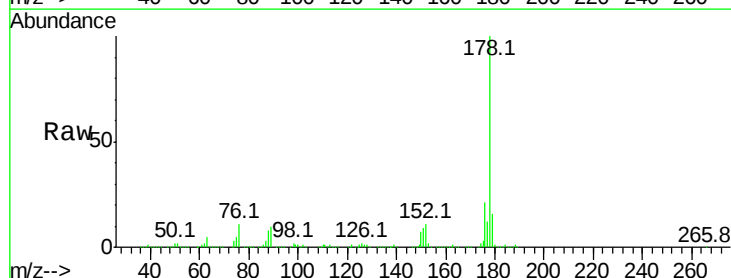
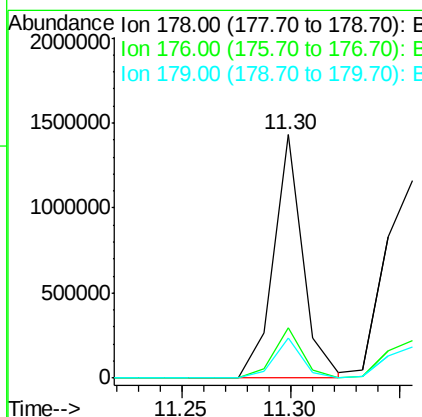
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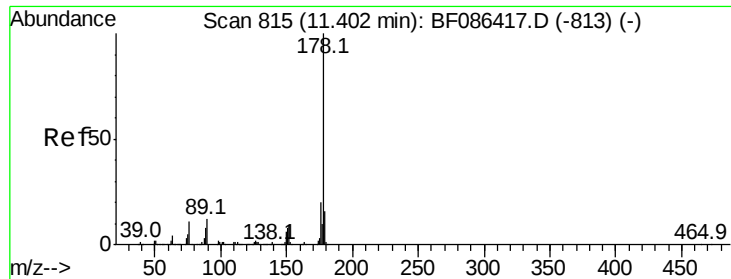
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#70
 Phenanthrene
 Concen: 36.42 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.06 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1352587		
176	20.8	16.0	24.0	
179	16.3	12.6	18.8	





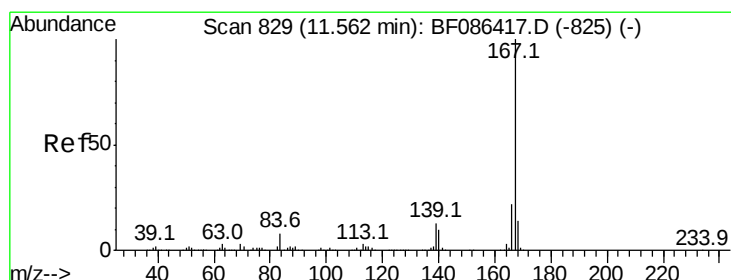
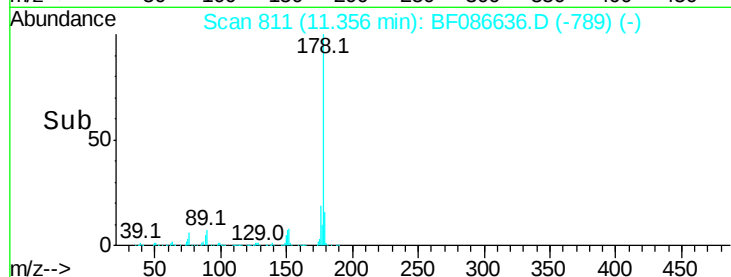
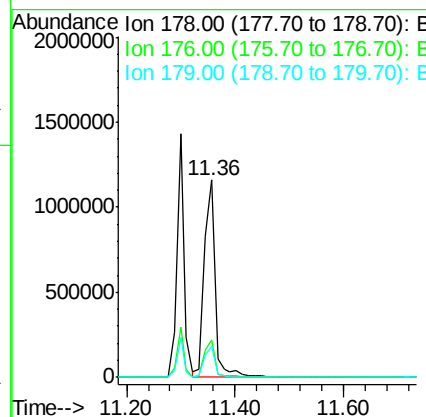
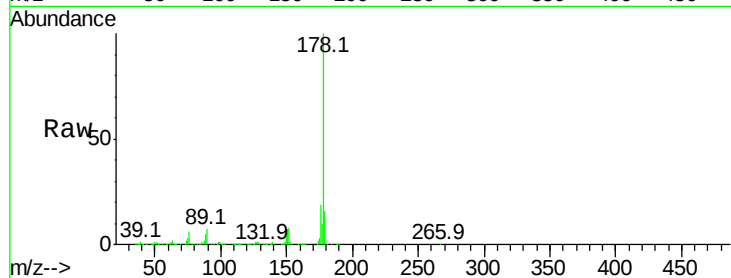
#71
 Anthracene
 Concen: 40.27 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1595951
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.8 12.7 19.1

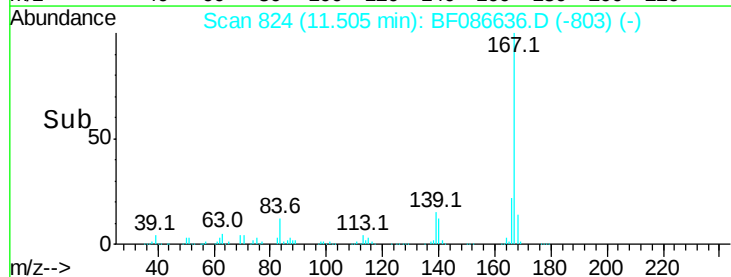
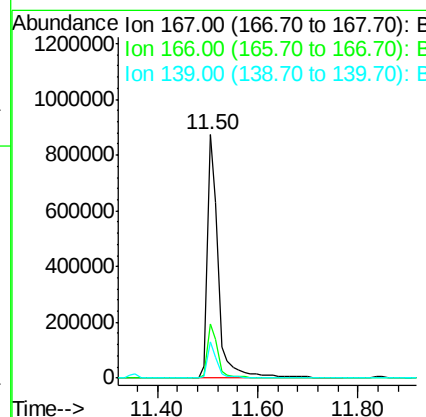
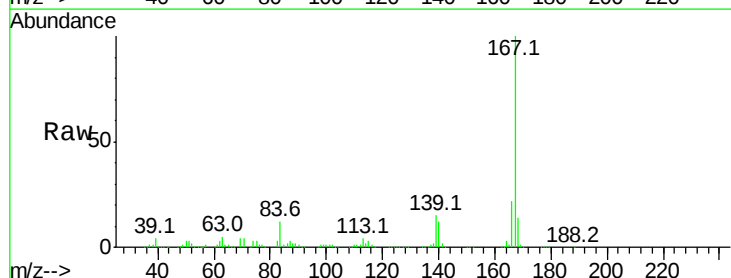
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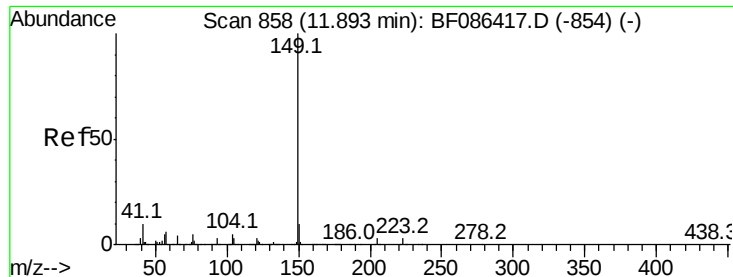
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#72
 Carbazole
 Concen: 37.53 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.06 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion:167 Resp: 1318437
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 15.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.73 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1700568

Ion Ratio Lower Upper

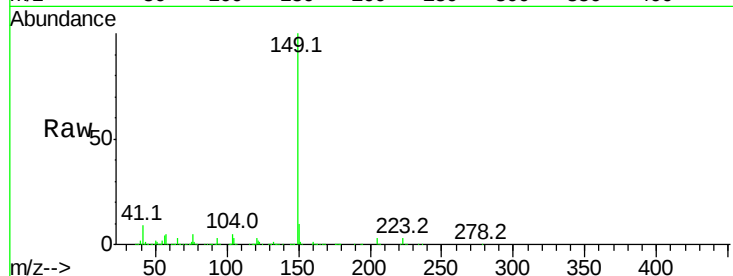
149 100

150 9.6 7.6 11.4

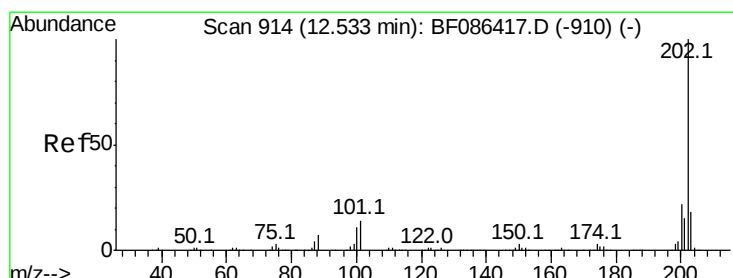
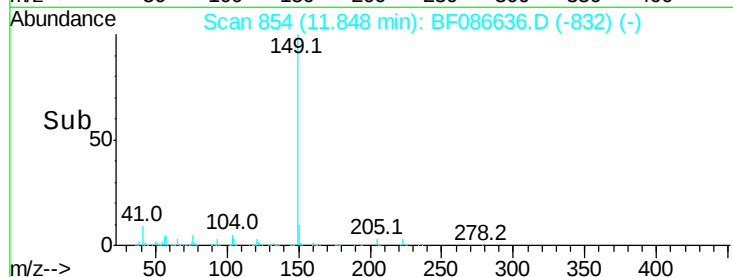
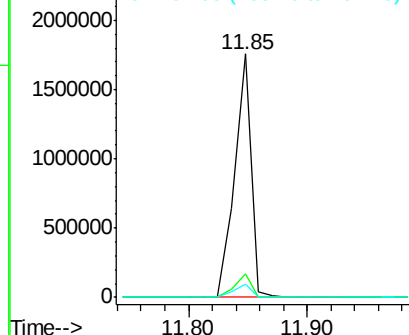
104 5.3 3.8 5.6

Manual Integrations
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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: 40.06 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

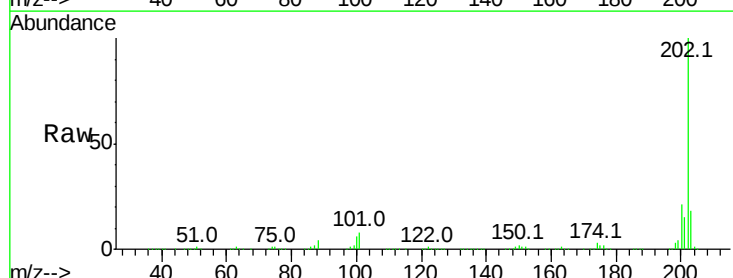
Tgt Ion:202 Resp: 1502023

Ion Ratio Lower Upper

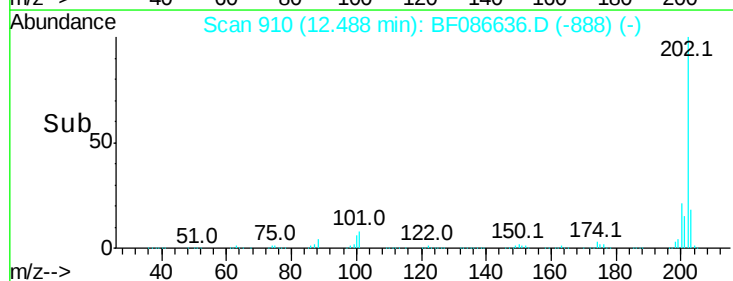
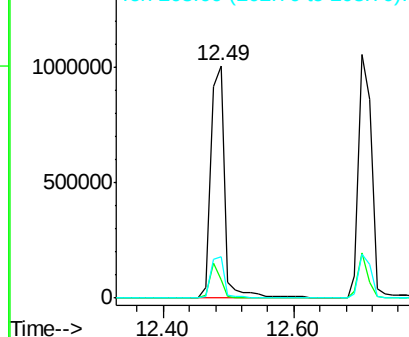
202 100

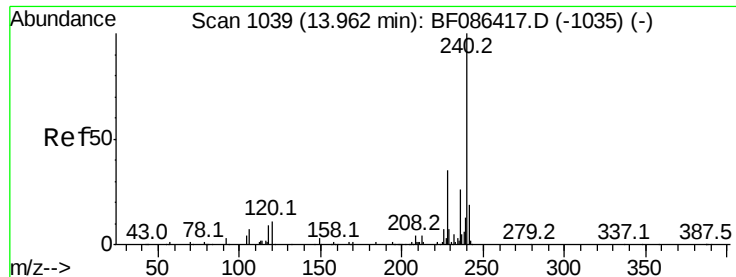
101 7.8 0.0 35.4

203 17.6 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: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

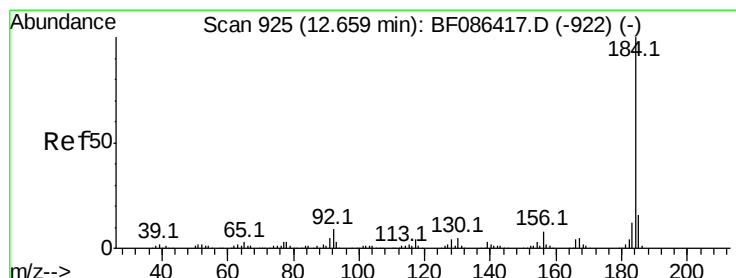
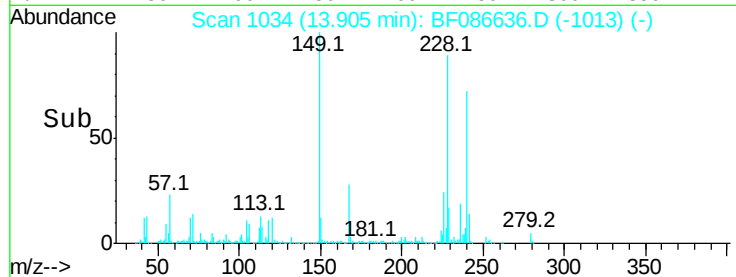
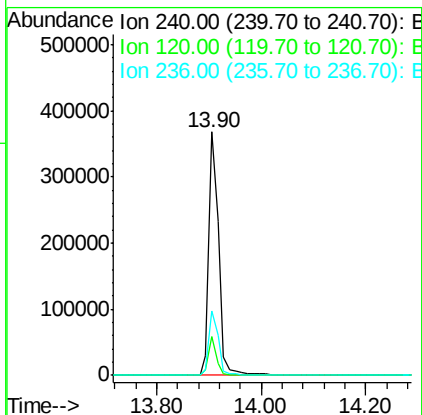
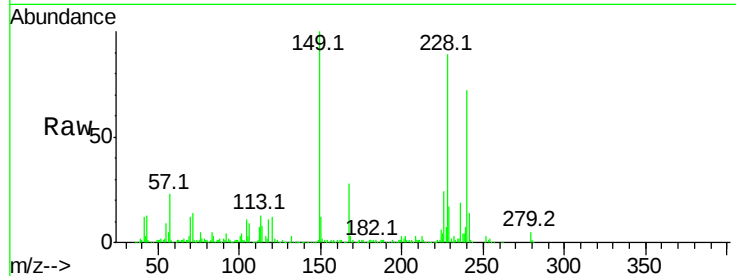
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	479500
Ion Ratio	Lower	Upper	
240	100		
120	16.2	11.2	16.8
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 36.24 ng

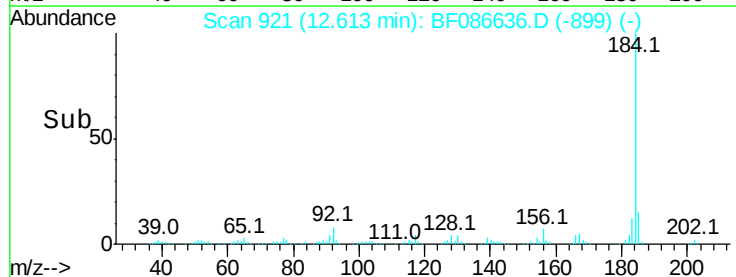
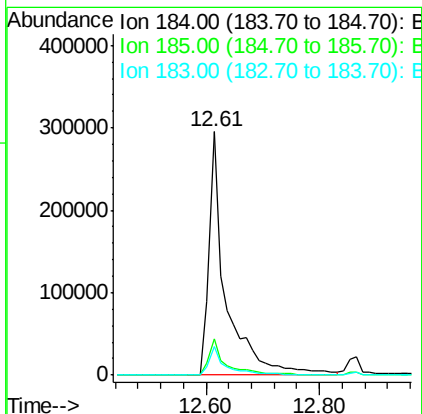
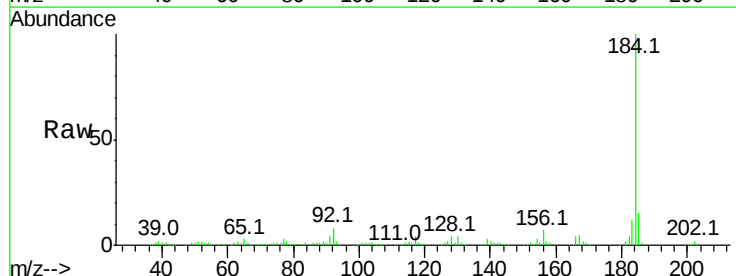
RT: 12.61 min Scan# 921

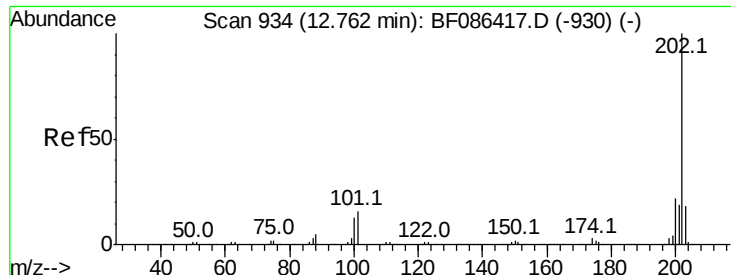
Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:	184	Resp:	597216
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.6	9.8	14.6





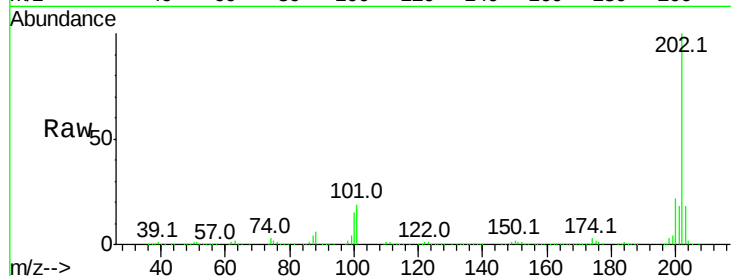
#77
Pvrene
Concen: 41.95 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

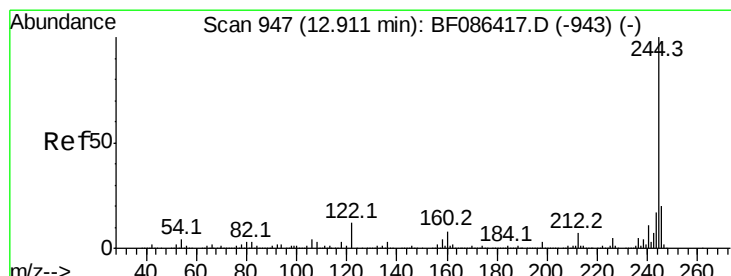
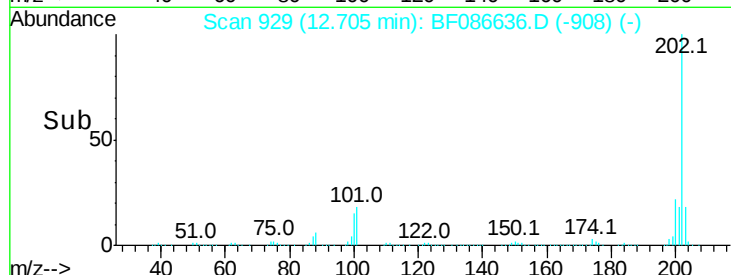
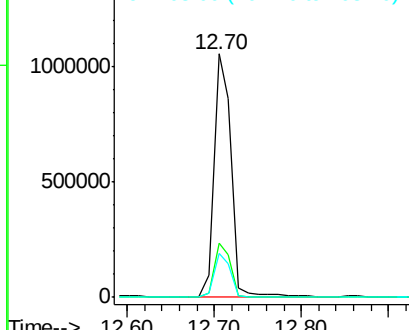
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.2	21.4

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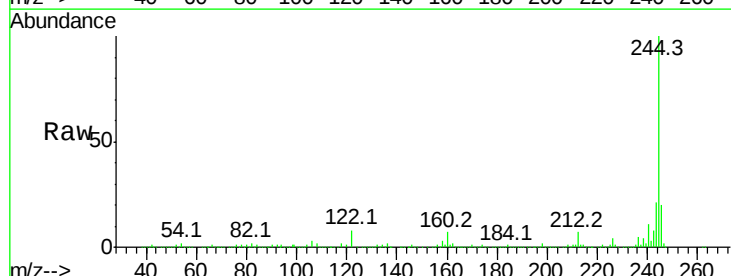


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

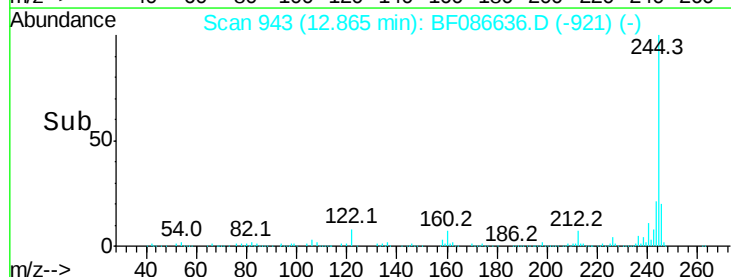
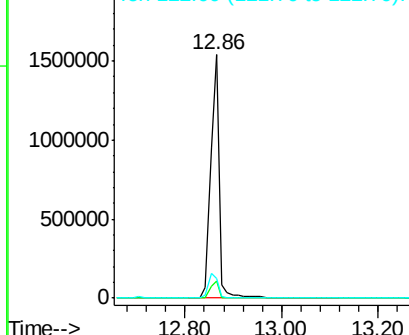


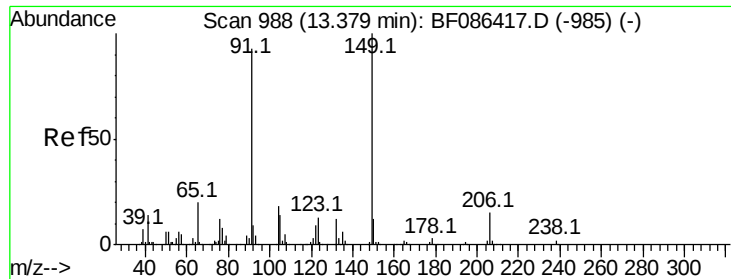
#78
Terphenyl-d14
Concen: 88.64 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.3	12.0	18.0#



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





#79

Butylbenzylphthalate

Concen: 41.10 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

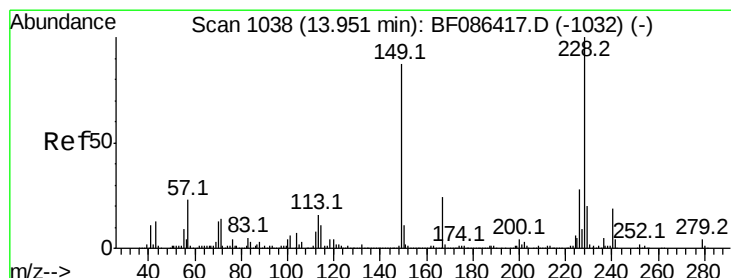
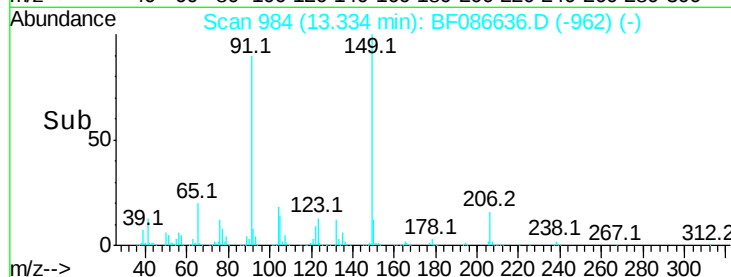
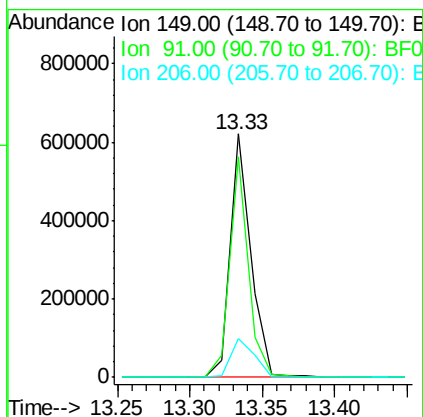
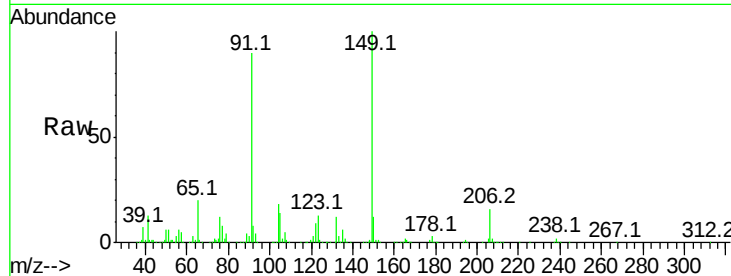
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	615039
Ion Ratio	Lower	Upper	
149	100		
91	90.3	48.0	72.0#
206	15.7	15.8	23.6#

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#80

Benzo(a)anthracene

Concen: 41.88 ng

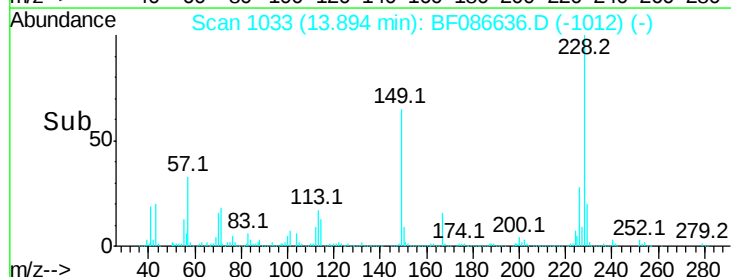
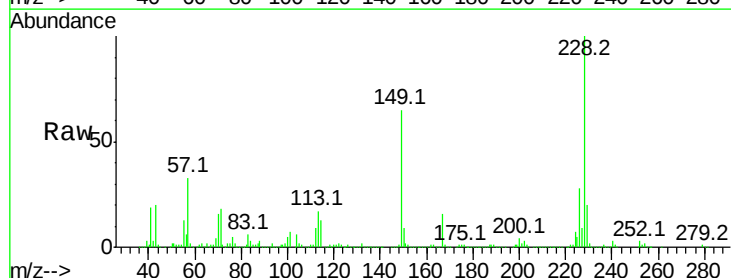
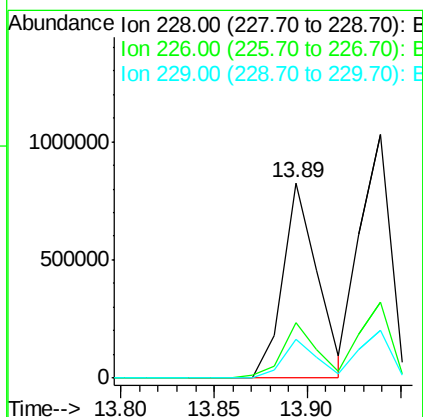
RT: 13.89 min Scan# 1033

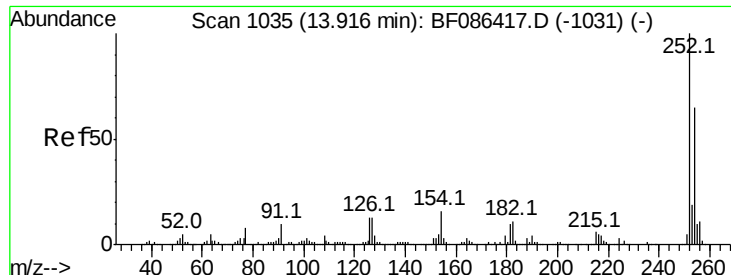
Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion:	228	Resp:	1070617
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.5	33.7
229	20.0	16.6	25.0





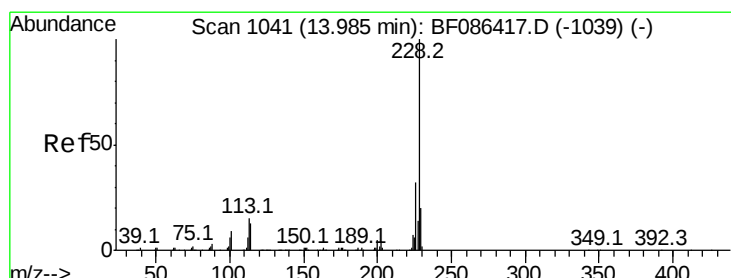
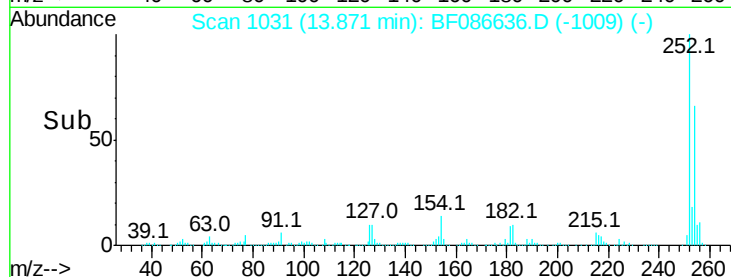
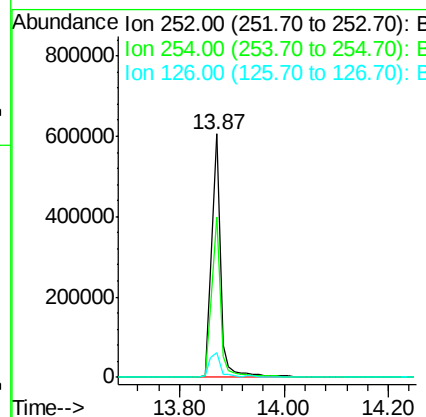
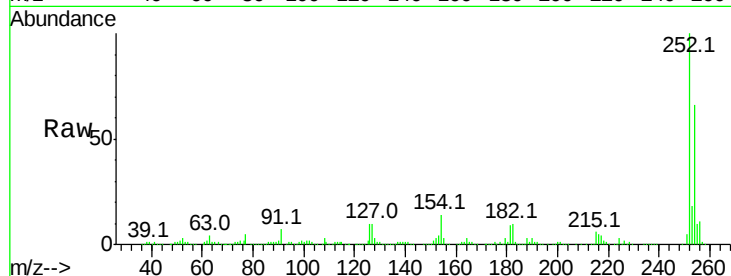
#81
 3,3'-Dichlorobenzidine
 Concen: 42.76 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	730764		
254	65.6	50.7	76.1	
126	10.2	12.7	19.1	

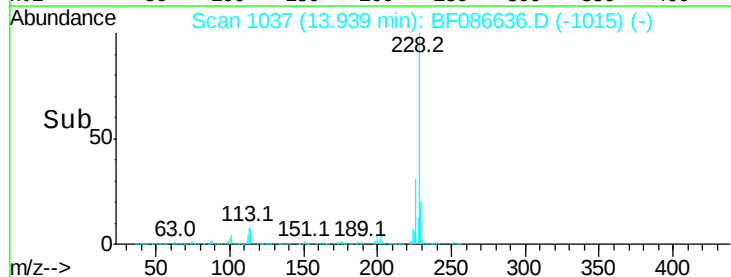
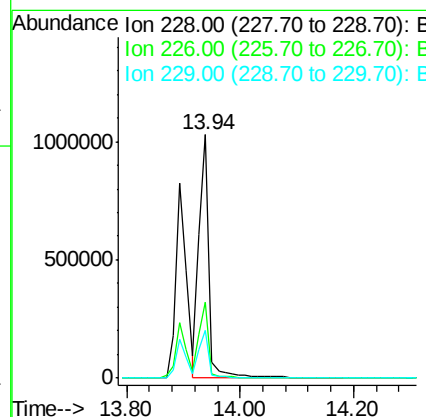
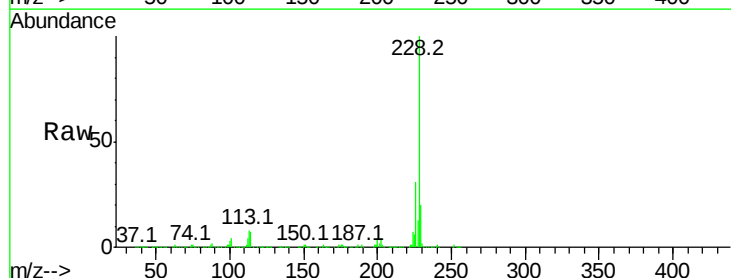
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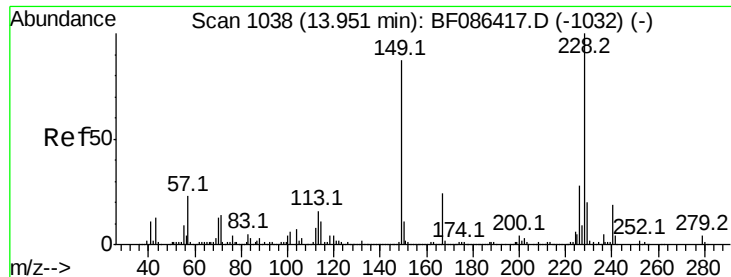
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#82
 Chrysene
 Concen: 45.33 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1259502		
226	31.3	24.4	36.6	
229	19.8	15.8	23.8	





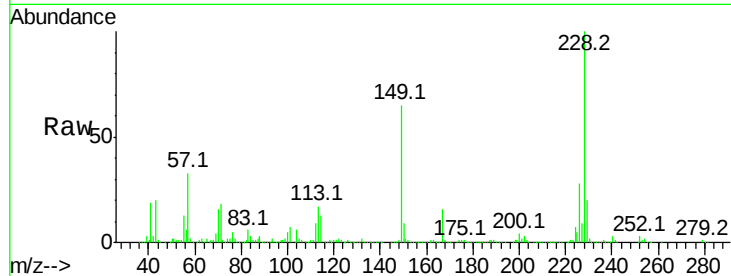
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.50 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

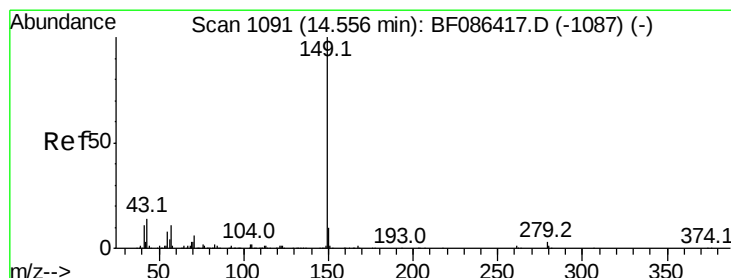
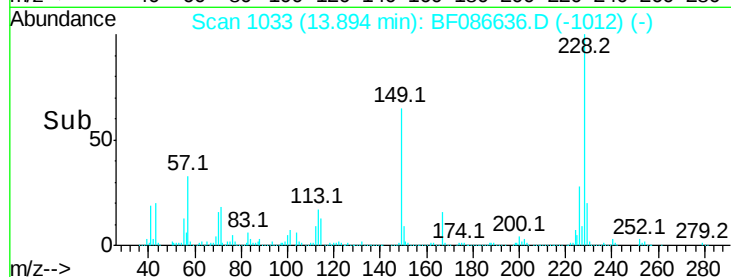
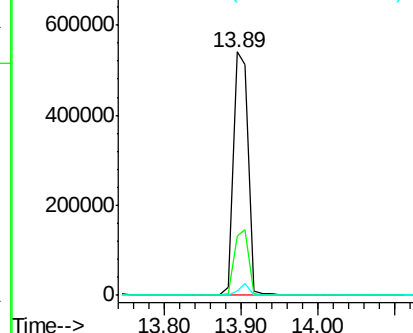
Tot Ion	Ratio	Resp	Lower	Upper
149	100	752359		
167	24.1		21.8	32.6
279	1.9		2.6	4.0#

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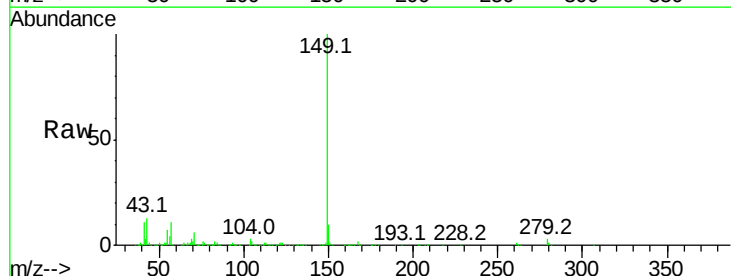


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

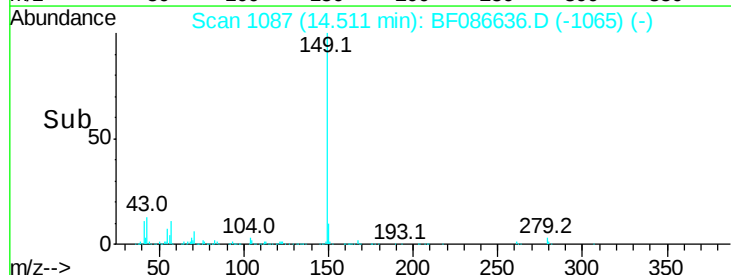
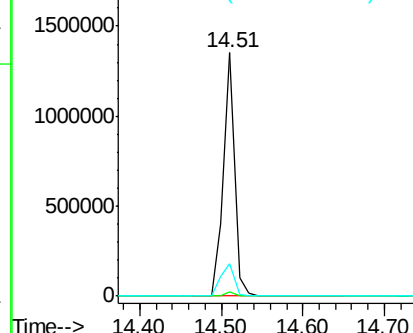


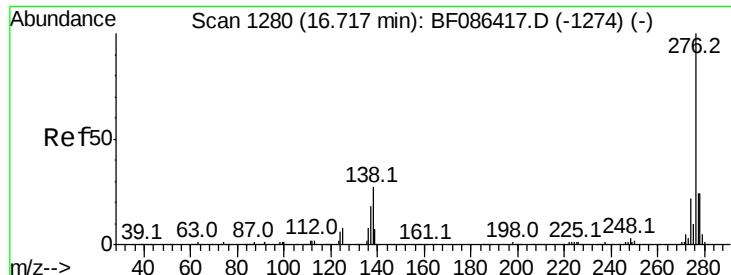
#84
 Di-n-octyl phthalate
 Concen: 44.59 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1297102		
167	1.5		1.2	1.8
43	16.0		8.2	12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





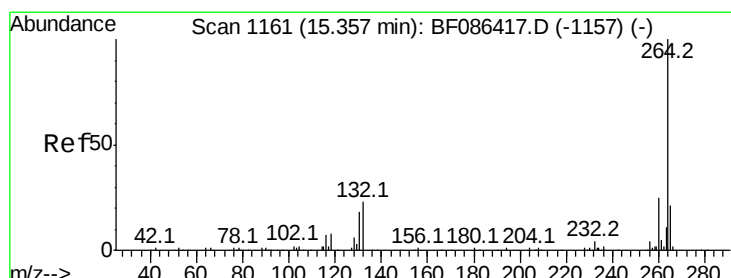
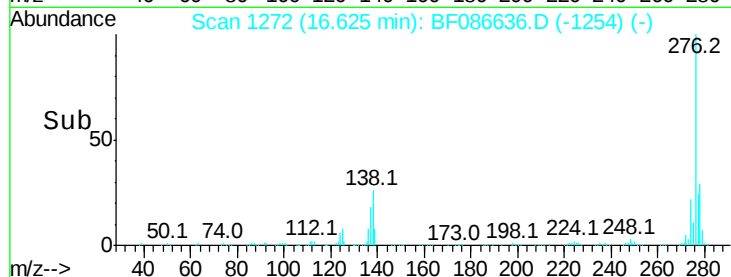
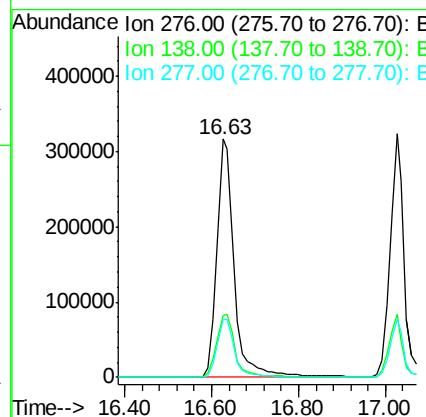
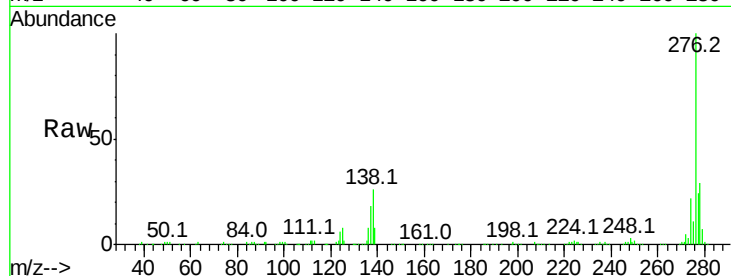
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.90 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.6	38.4
277	25.4	20.5	30.7

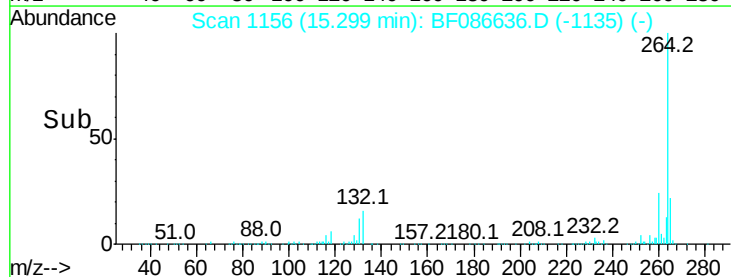
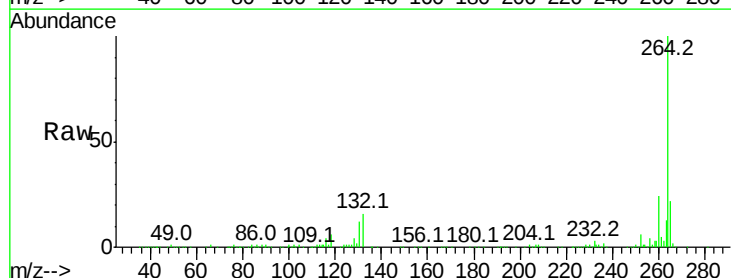
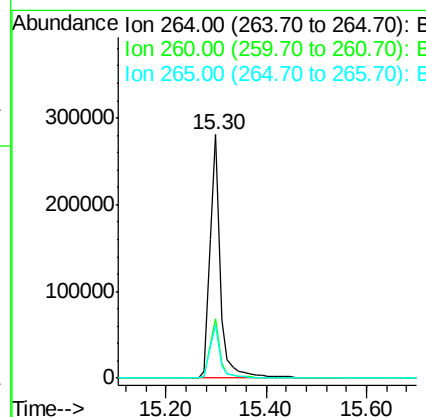
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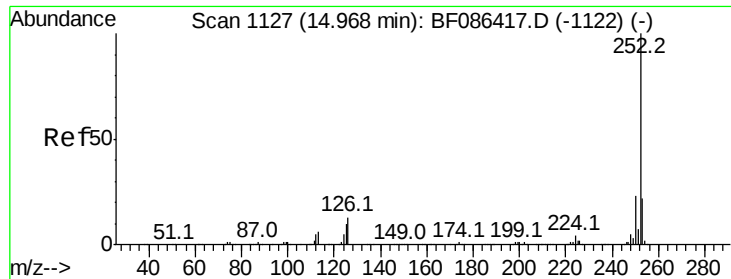
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.56 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Instrument :

BNA_F

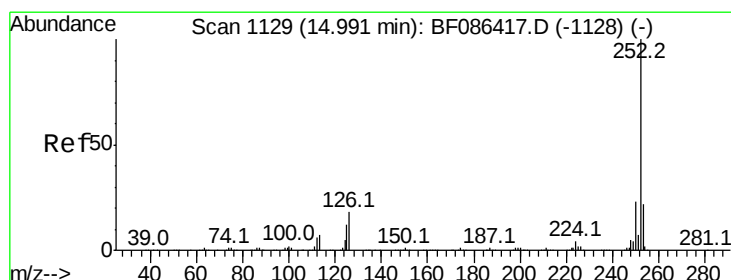
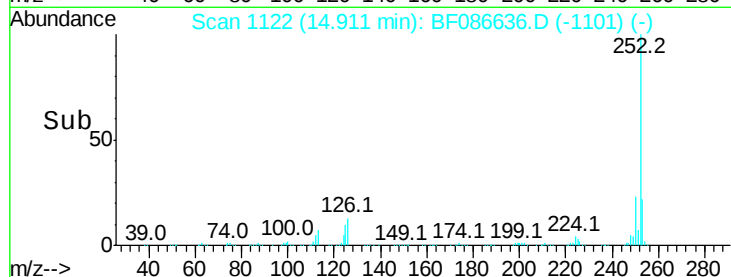
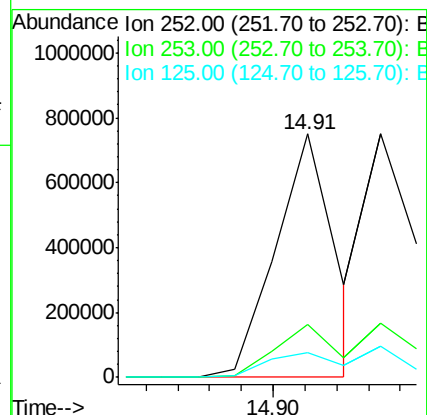
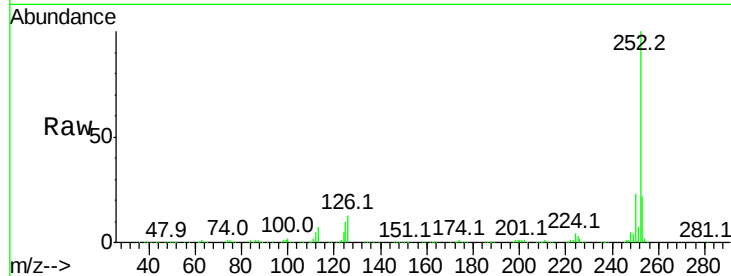
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.37 ng m

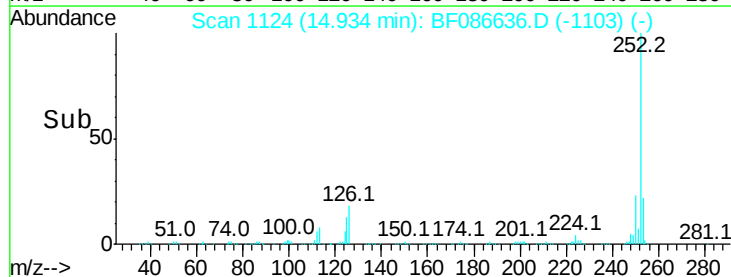
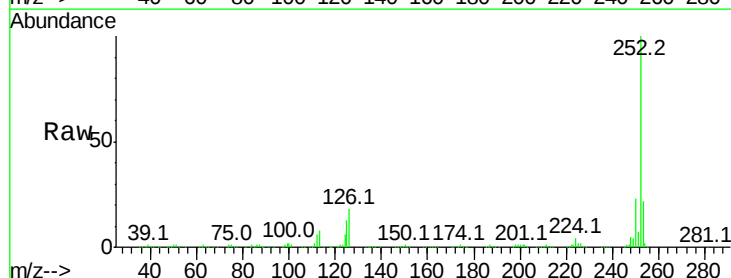
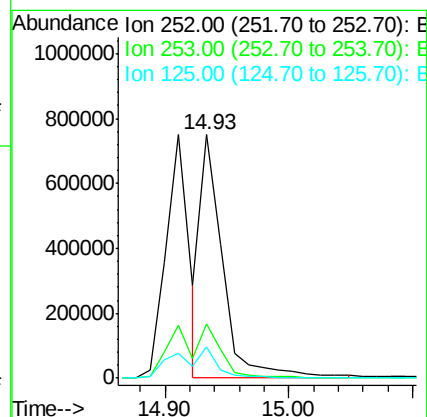
RT: 14.93 min Scan# 1124

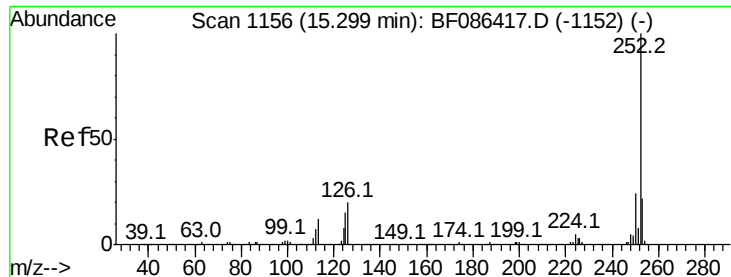
Delta R.T. -0.06 min

Lab File: BF086636.D

Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.8	9.1	13.7





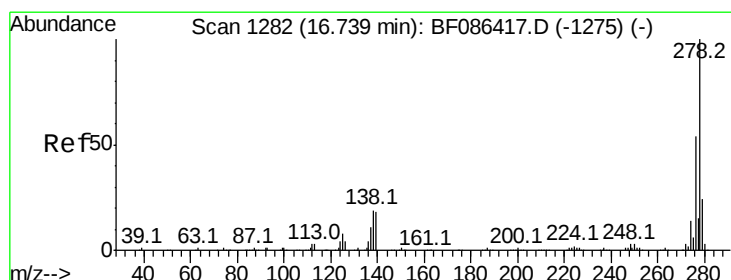
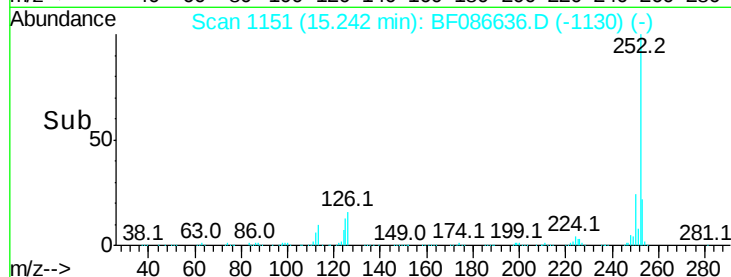
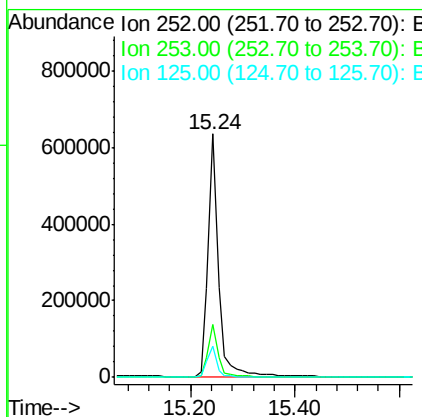
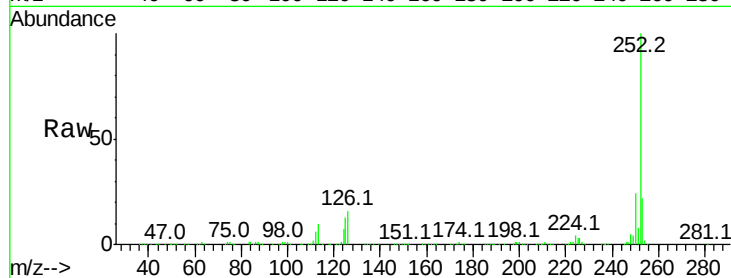
#89
Benzo(a)pyrene
Concen: 38.85 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.8	9.0	13.6

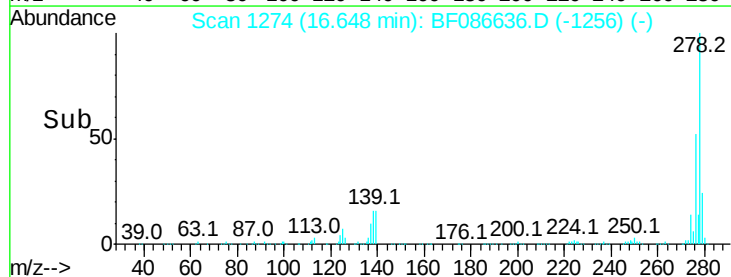
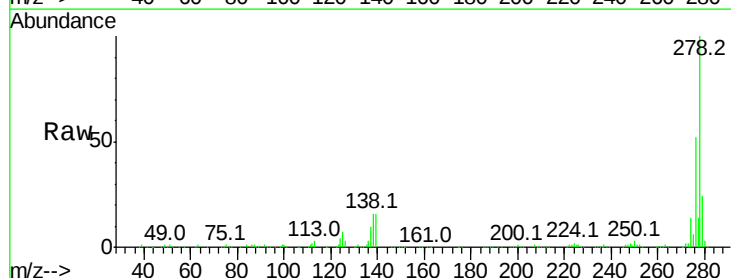
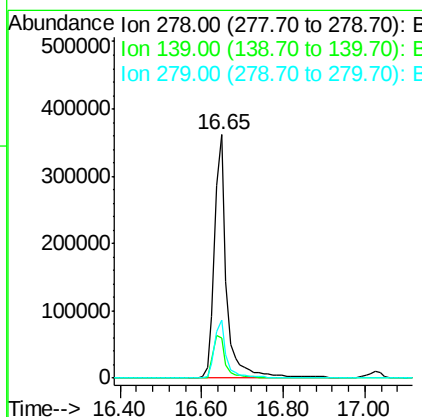
Manual Integrations
APPROVED

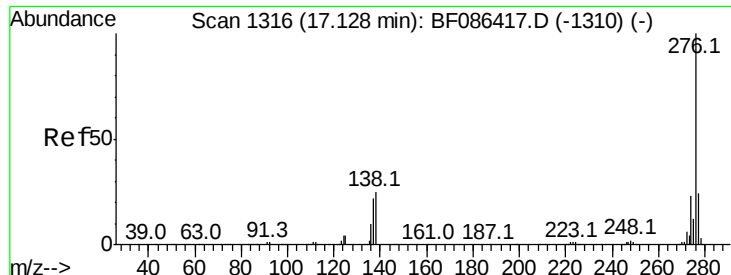
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#90
Dibenzo(a,h)anthracene
Concen: 40.71 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.09 min
Lab File: BF086636.D
Acq: 3 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.6	24.8#
279	23.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.66 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.10 min
 Lab File: BF086636.D
 Acq: 3 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	19.6	29.4
138	25.9	23.6	35.4

Manual Integrations
 APPROVED

sohil
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