

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086680.D
 Acq On : 4 May 2016 16:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/5/2016 3:18:51 PM

Quant Time: May 05 01:25:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	154452	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	628564	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	307188	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	538313	40.00	ng	0.00
75) Chrysene-d12	13.88	240	344268	40.00	ng	0.00
86) Perylene-d12	15.27	264	292377	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	803423	86.11	ng	0.00
7) Phenol-d6	6.37	99	1005818	80.03	ng	0.00
23) Nitrobenzene-d5	7.31	82	1016792	83.13	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	255904	85.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1503678	80.24	ng	0.00
78) Terphenyl-d14	12.84	244	1441018	84.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	192163	39.85	ng	# 74
3) Pyridine	2.93	79	530255	44.84	ng	# 71
4) n-Nitrosodimethylamine	2.89	42	300255	41.86	ng	# 55
6) Aniline	6.40	93	622326	40.12	ng	# 65
8) 2-Chlorophenol	6.52	128	459286	41.02	ng	97
9) Benzaldehyde	6.28	77	224474	35.80	ng	97
10) Phenol	6.40	94	555106	40.37	ng	# 35
11) bis(2-Chloroethyl)ether	6.48	93	459075	38.79	ng	86
12) 1,3-Dichlorobenzene	6.67	146	463557m	38.99	ng	
13) 1,4-Dichlorobenzene	6.75	146	479081m	38.98	ng	
14) 1,2-Dichlorobenzene	6.91	146	454457	42.46	ng	98
15) Benzyl Alcohol	6.89	79	349385	42.97	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	921649	38.09	ng	88
17) 2-Methylphenol	7.00	107	350551	38.89	ng	# 93
18) Hexachloroethane	7.25	117	185473	39.97	ng	# 85
19) n-Nitroso-di-n-propylamine	7.16	70	321025	37.39	ng	# 72
20) 3+4-Methylphenols	7.16	107	436402	41.34	ng	# 80
22) Acetophenone	7.15	105	608610	41.55	ng	# 91
24) Nitrobenzene	7.32	77	490428	38.78	ng	94
25) Isophorone	7.57	82	901435	39.57	ng	# 93
26) 2-Nitrophenol	7.64	139	235810	41.79	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	406629	41.04	ng	90
28) bis(2-Chloroethoxy)methane	7.78	93	486401	38.80	ng	98
29) 2,4-Dichlorophenol	7.88	162	343733	40.35	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	395557	41.62	ng	99
31) Naphthalene	8.04	128	1214739	37.83	ng	99
32) Benzoic acid	7.81	122	194857	49.99	ng	85
33) 4-Chloroaniline	8.10	127	506974	40.75	ng	# 92
34) Hexachlorobutadiene	8.17	225	220101	40.79	ng	98
35) Caprolactam	8.48	113	106345	40.33	ng	# 55
36) 4-Chloro-3-methylphenol	8.59	107	418474	43.06	ng	97
37) 2-Methylnaphthalene	8.74	142	808592	42.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	341806	38.44	ng	100
40) Hexachlorocyclopentadiene	8.89	237	136472	36.89	ng	99

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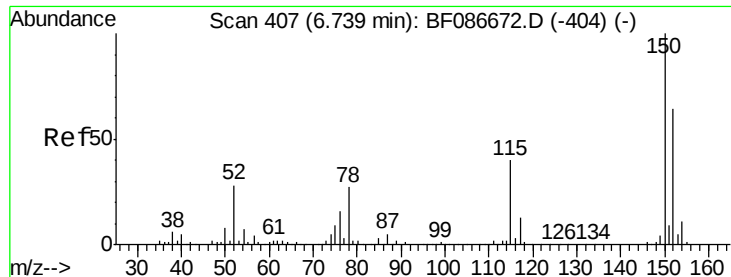
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	222367	39.33	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	249612	42.26	nq #	91
45) 1,1'-Biphenyl	9.21	154	1053046	41.93	nq	99
46) 2-Chloronaphthalene	9.23	162	767665	39.61	nq	98
47) 2-Nitroaniline	9.32	65	264156	38.34	nq #	77
48) Acenaphthylene	9.64	152	1201762	41.77	nq	99
49) Dimethylphthalate	9.50	163	874295	38.18	nq	99
50) 2,6-Dinitrotoluene	9.57	165	203379	41.38	nq #	80
51) Acenaphthene	9.81	154	766042	40.36	nq	99
52) 3-Nitroaniline	9.73	138	215828	38.63	nq	85
53) 2,4-Dinitrophenol	9.85	184	62952	45.03	nq	93
54) Dibenzofuran	9.98	168	964913	41.02	nq	99
55) 4-Nitrophenol	9.90	139	134902	41.42	nq	81
56) 2,4-Dinitrotoluene	9.97	165	265543	43.60	nq	90
57) Fluorene	10.33	166	796890	41.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	179583	41.39	nq	96
59) Diethylphthalate	10.20	149	831504	38.36	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	353717	39.03	nq	97
61) 4-Nitroaniline	10.35	138	224130	41.75	nq #	80
62) Azobenzene	10.48	77	928935	38.68	nq	88
64) 4,6-Dinitro-2-methylphenol	10.37	198	111959	42.88	nq #	20
65) n-Nitrosodiphenylamine	10.44	169	698126	40.84	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	220337	41.19	nq	90
67) Hexachlorobenzene	10.86	284	244168	37.43	nq #	65
68) Atrazine	10.97	200	202083	38.58	nq	95
69) Pentachlorophenol	11.06	266	121293	41.35	nq	97
70) Phenanthrene	11.28	178	1082542	37.44	nq	100
71) Anthracene	11.33	178	1259343	41.59	nq	100
72) Carbazole	11.49	167	1098935	41.79	nq	99
73) Di-n-butylphthalate	11.82	149	1181480	37.85	nq #	98
74) Fluoranthene	12.47	202	1213492	41.88	nq	94
76) Benzidine	12.59	184	463276	48.96	nq	97
77) Pyrene	12.69	202	1180826	43.02	nq	99
79) Butylbenzylphthalate	13.32	149	506057	44.02	nq	98
80) Benzo(a)anthracene	13.87	228	796941	40.93	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	630054	51.49	nq #	95
82) Chrysene	13.92	228	898301	43.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	599302	45.05	nq	99
84) Di-n-octyl phthalate	14.49	149	924321	47.22	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	796207	44.68	nq	96
87) Benzo(b)fluoranthene	14.89	252	768951m	43.77	nq	
88) Benzo(k)fluoranthene	14.91	252	600348m	36.27	nq	
89) Benzo(a)pyrene	15.22	252	648399	40.07	nq #	97
90) Dibenzo(a,h)anthracene	16.60	278	659977	42.45	nq	97
91) Benzo(g,h,i)perylene	16.99	276	684704	41.95	nq #	90

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



#1

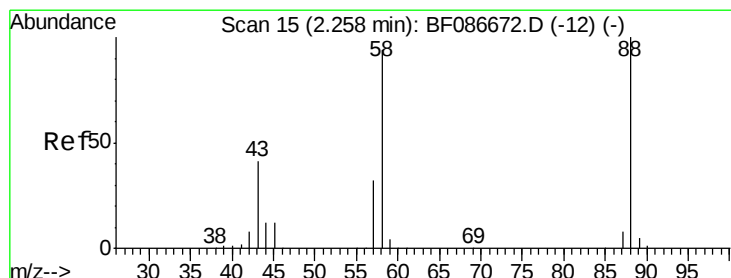
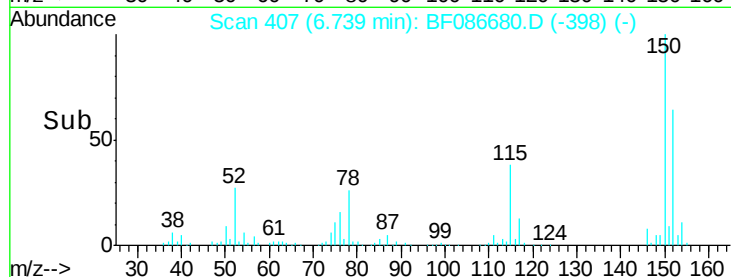
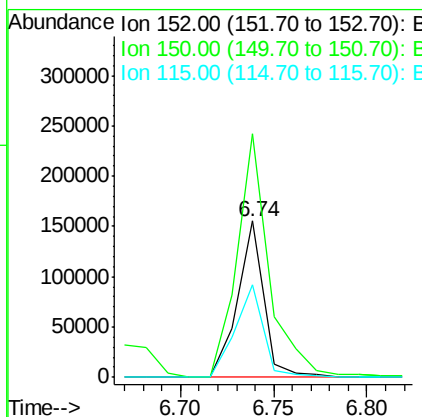
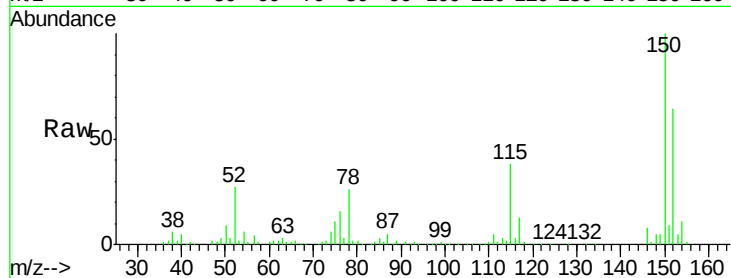
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	59.4	51.5	77.3

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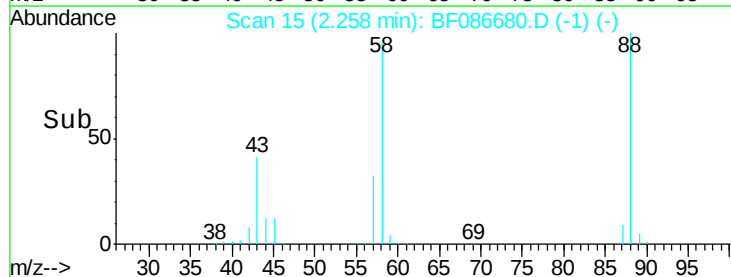
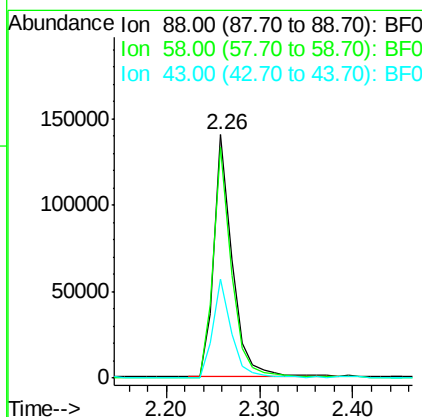
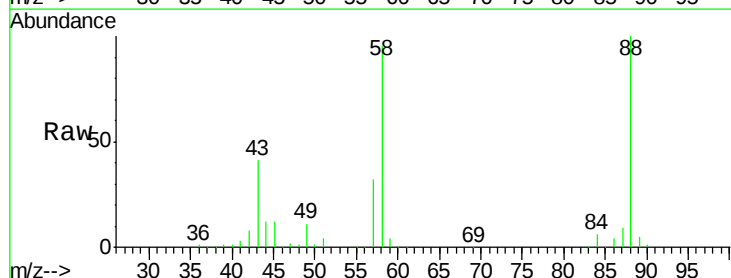
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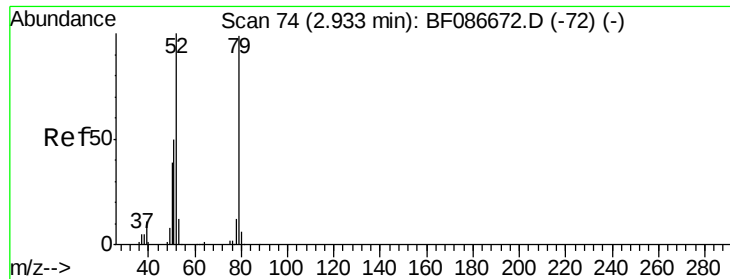


#2

1,4-Dioxane
Concen: 39.85 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	59.6	89.4#
43	41.6	21.8	32.6#





#3

Pvridine

Concen: 44.84 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

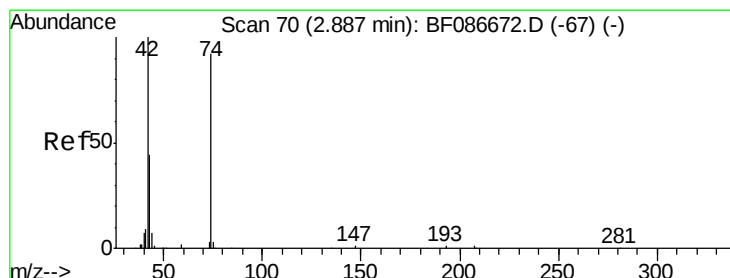
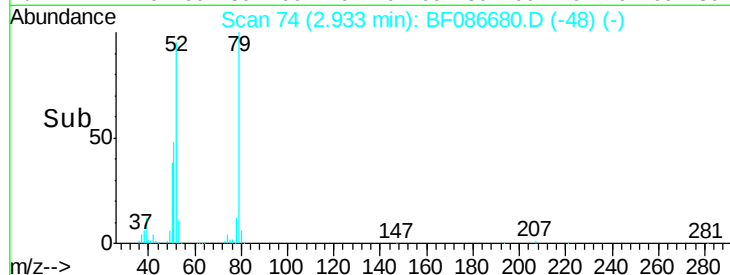
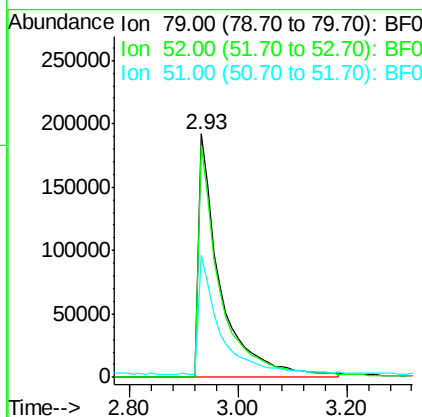
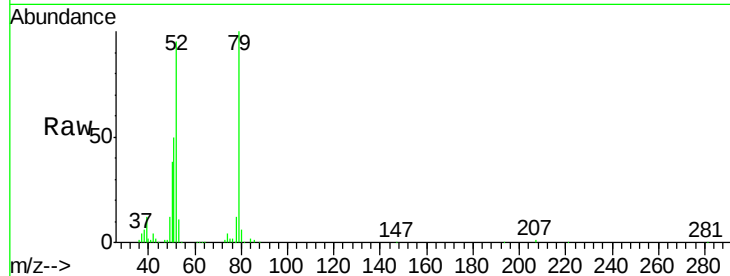
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	530255
Ion Ratio	Lower	Upper	
79	100		
52	95.2	55.9	83.9#
51	50.0	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 41.86 ng

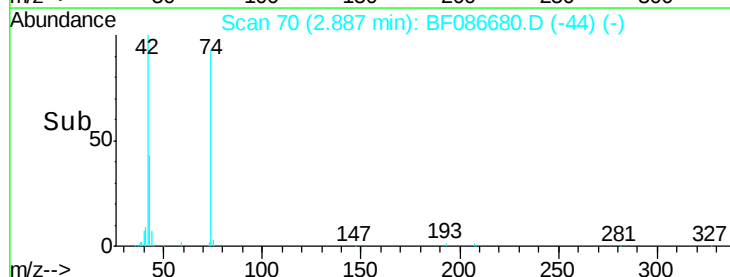
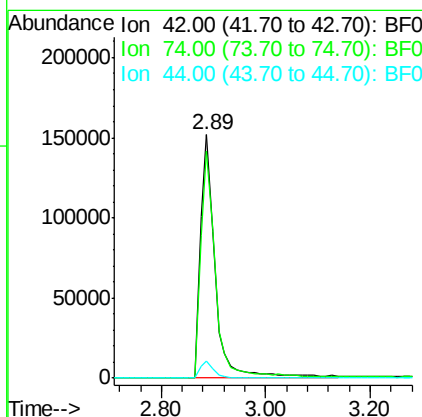
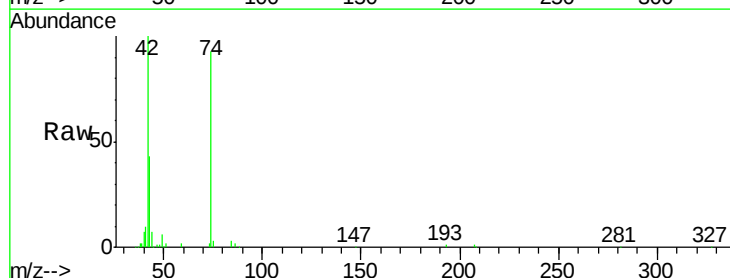
RT: 2.89 min Scan# 70

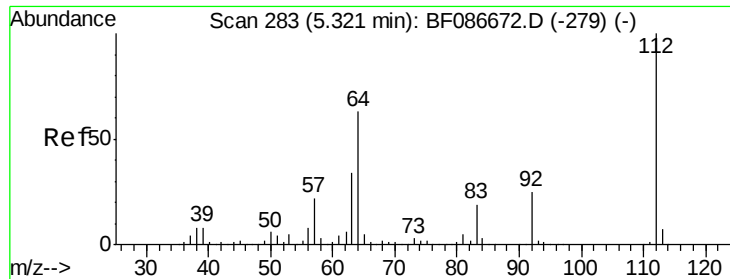
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	42	Resp:	300255
Ion Ratio	Lower	Upper	
42	100		
74	93.2	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 86.11 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

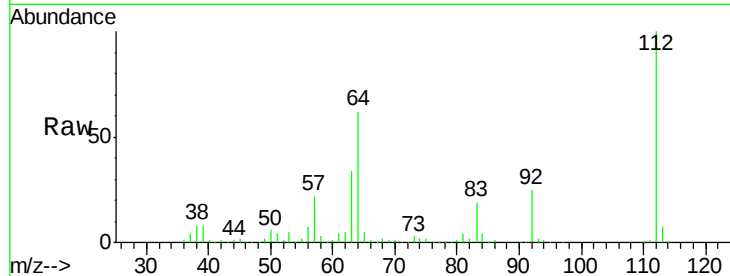
ClientSampleId :

SSTDCCC040

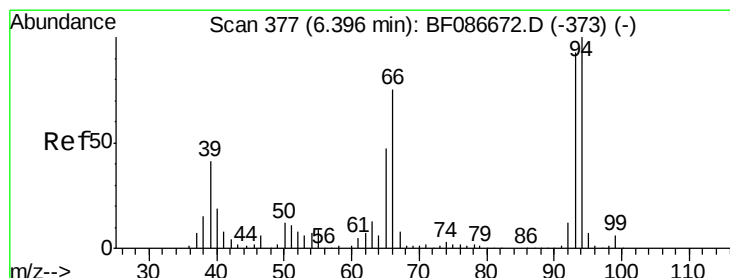
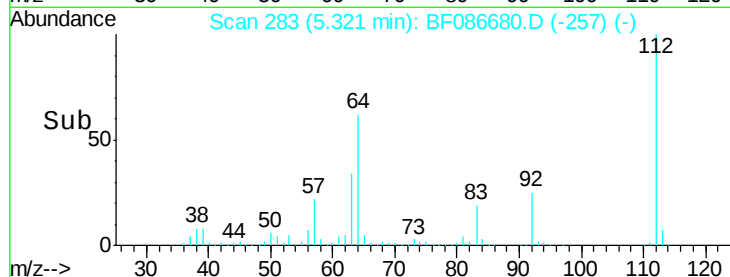
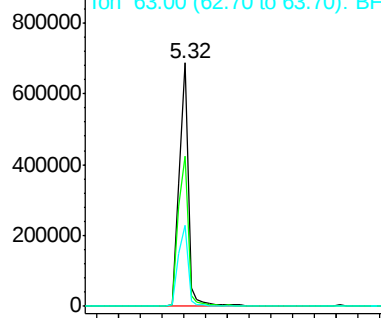
Tot Ion:	112	Resp:	803423
Ion Ratio	Lower	Upper	
112	100		
64	61.7	52.1	78.1
63	33.5	25.7	38.5

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 40.12 ng

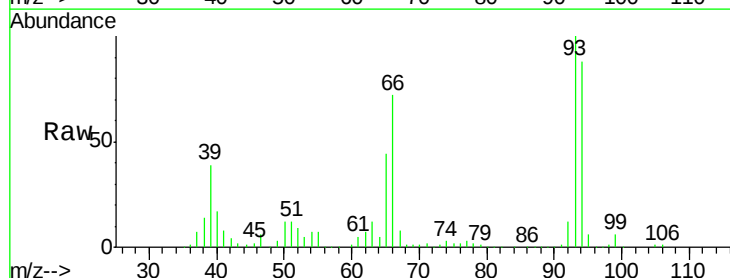
RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

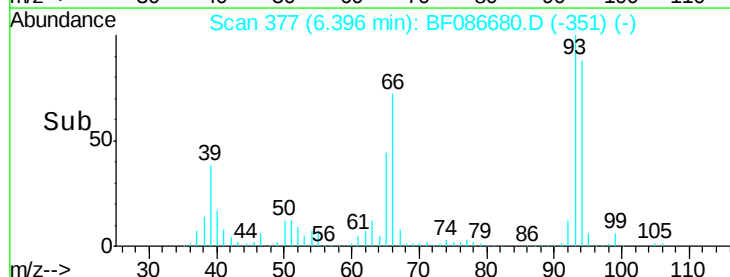
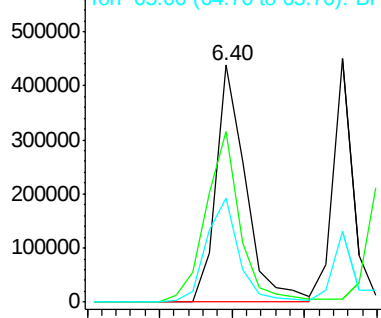
Lab File: BF086680.D

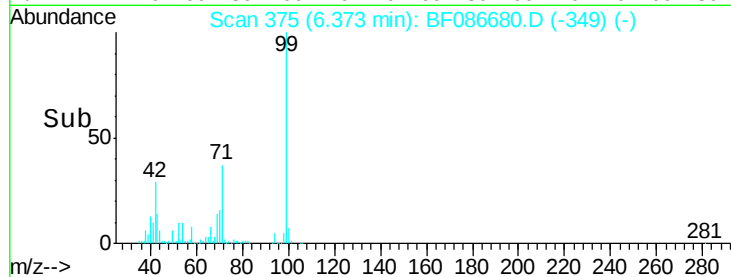
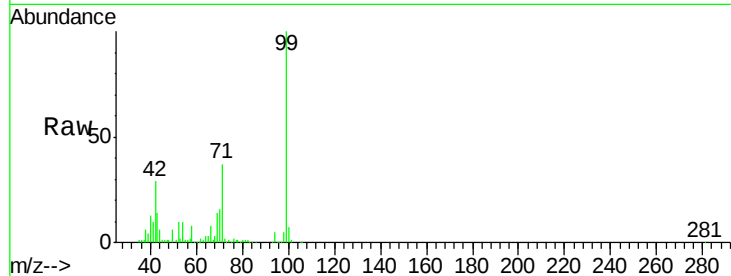
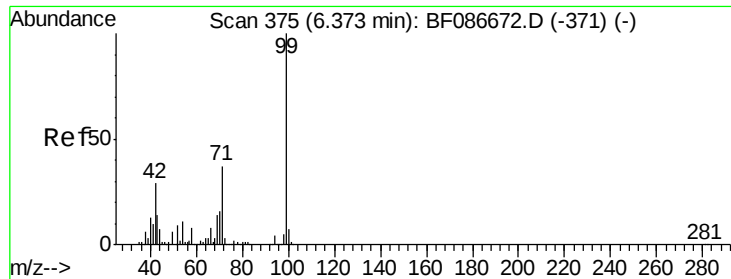
Acq: 4 May 2016 16:50

Tgt Ion:	93	Resp:	622326
Ion Ratio	Lower	Upper	
93	100		
66	71.9	39.0	58.6#
65	44.3	20.6	31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 80.03 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tot Ion: 99 Resp: 1005818

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 36.8 24.6 36.8

Instrument :

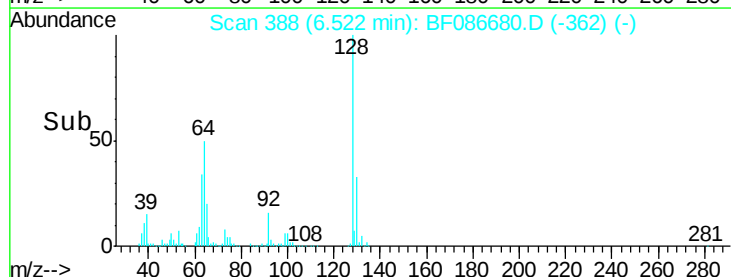
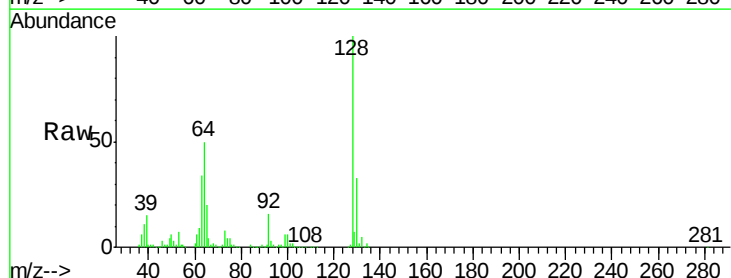
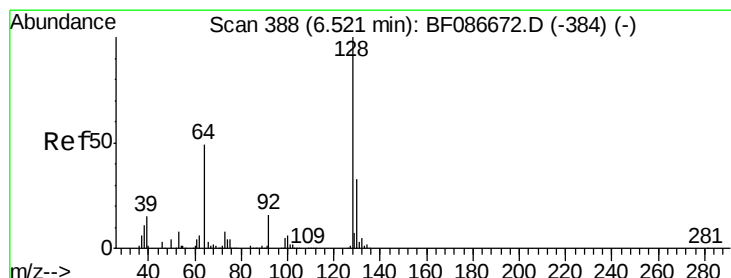
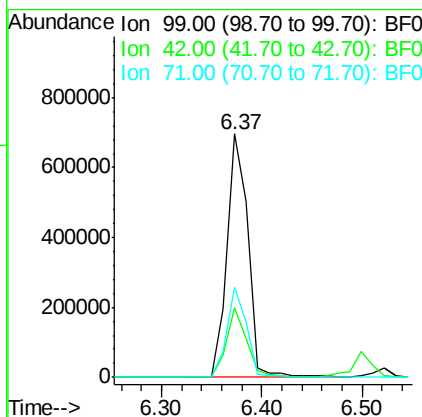
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#8

2-Chlorophenol

Concen: 41.02 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

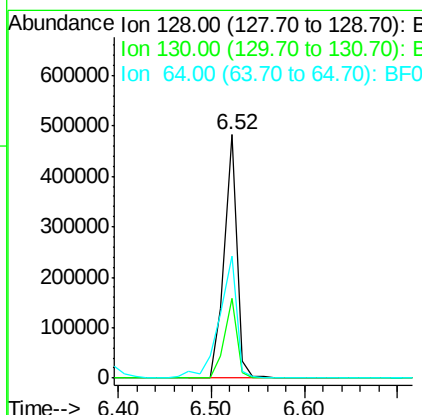
Tgt Ion: 128 Resp: 459286

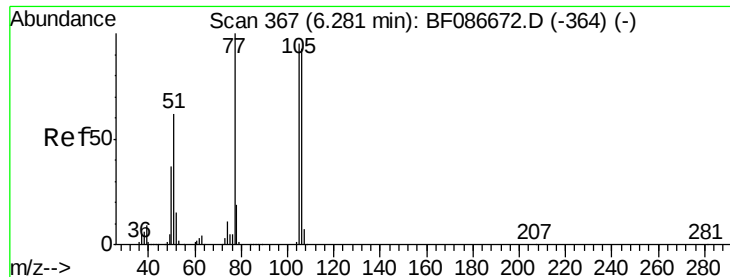
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 50.2 27.3 67.3





#9

Benzaldehyde

Concen: 35.80 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

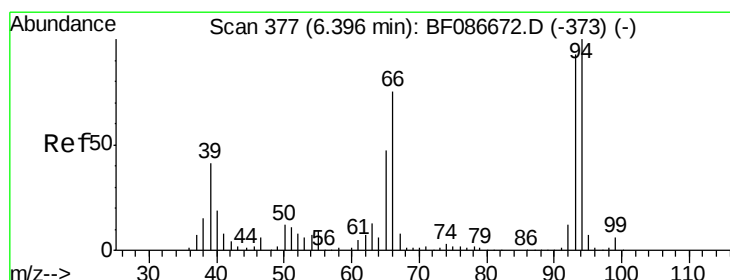
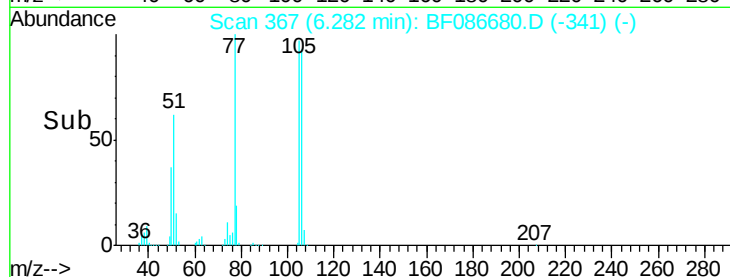
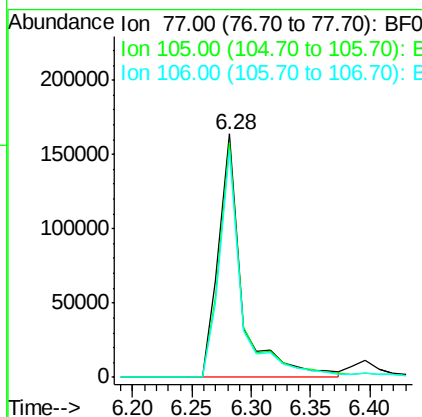
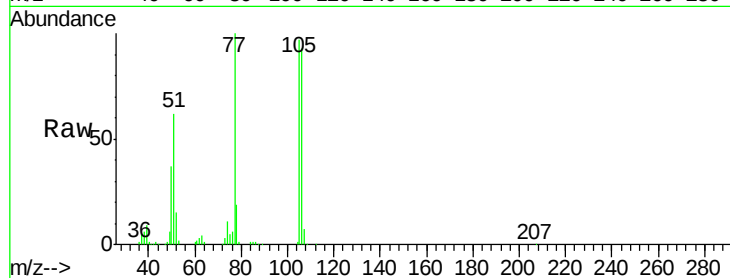
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	224474
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.7	112.7
106	93.1	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 40.37 ng

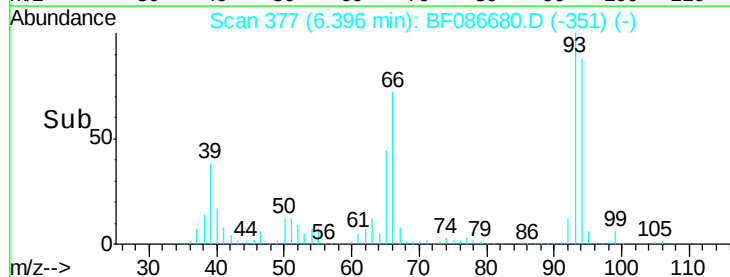
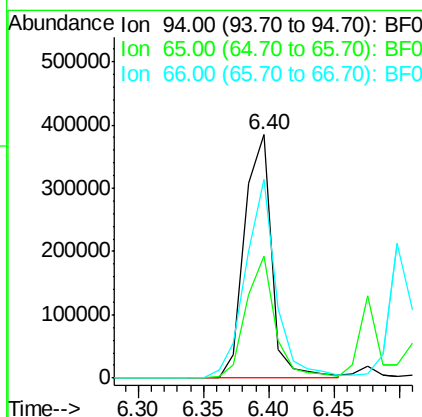
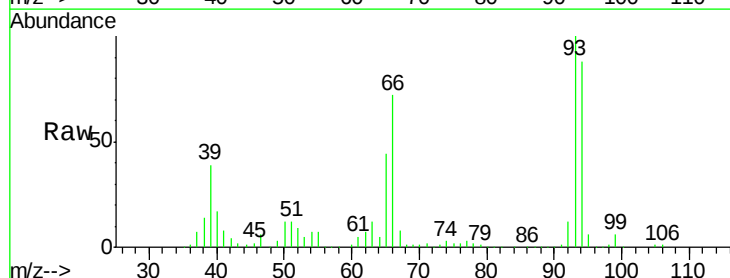
RT: 6.40 min Scan# 377

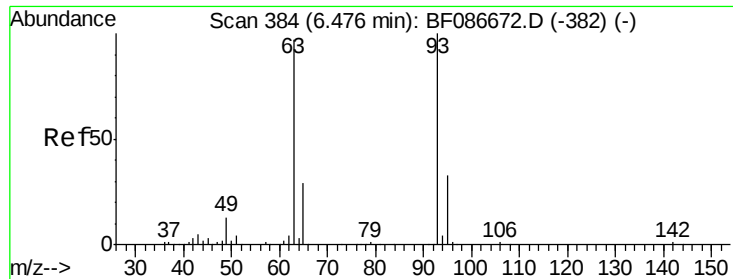
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	94	Resp:	555106
Ion	Ratio	Lower	Upper
94	100		
65	50.3	7.2	47.2#
66	81.8	14.9	54.9#





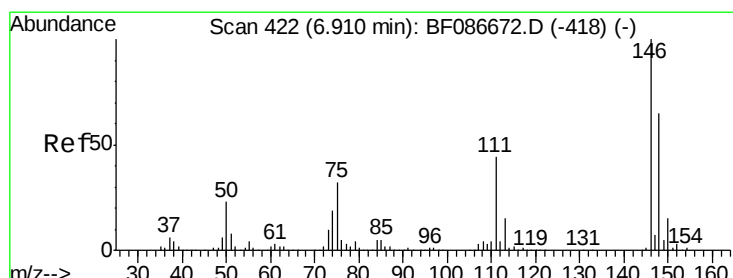
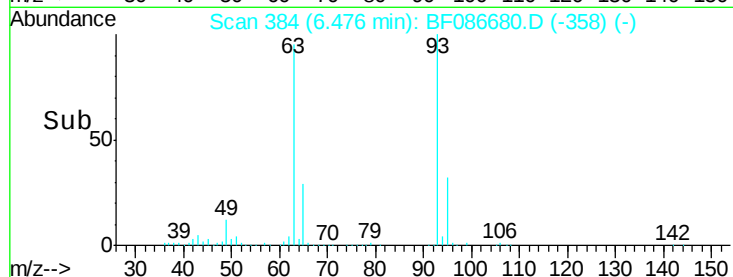
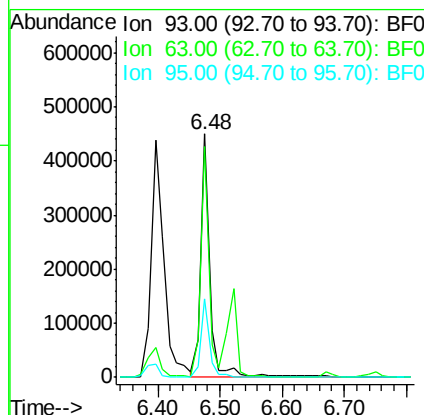
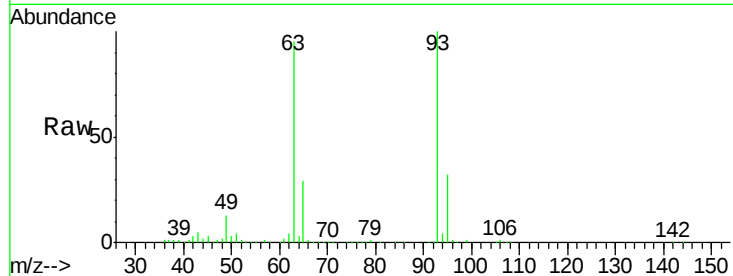
#11
bis(2-Chloroethyl)ether
Concen: 38.79 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		459075		
63	94.8	58.0		98.0	
95	32.3	11.9		51.9	

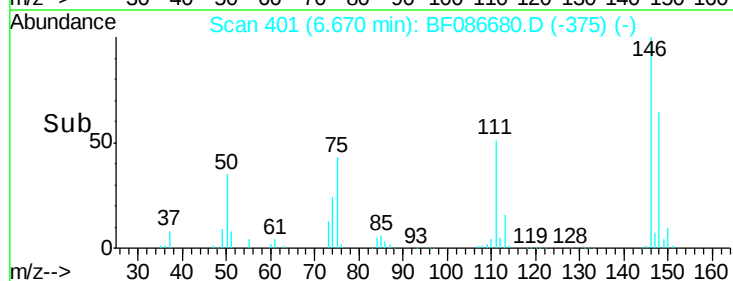
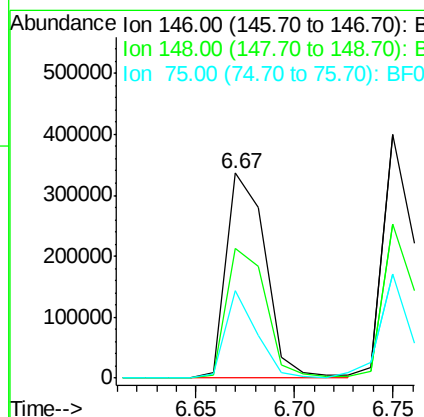
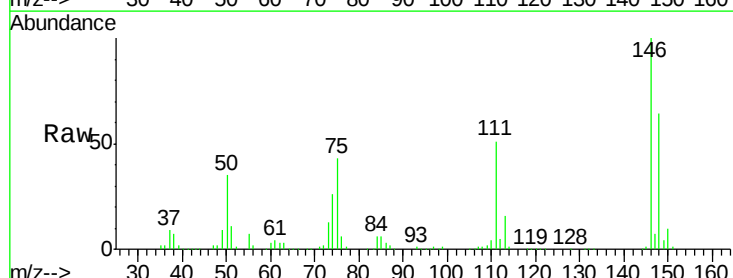
Manual Integrations
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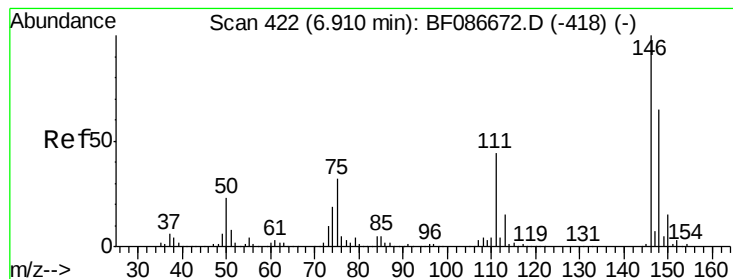
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#12
1,3-Dichlorobenzene
Concen: 38.99 ng m
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		463557		
148	63.6	52.4		78.6	
75	42.9	22.8		34.2	





#13

1,4-Dichlorobenzene

Concen: 38.98 ng/mL

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

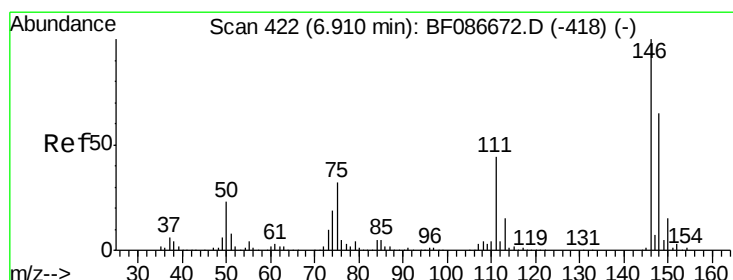
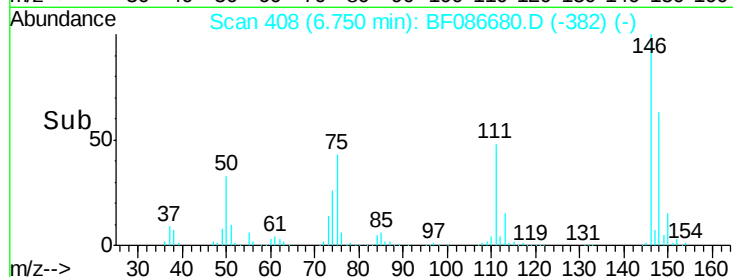
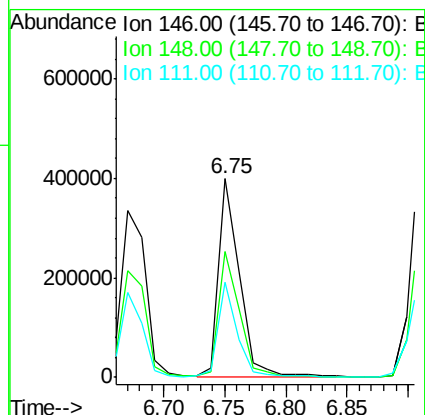
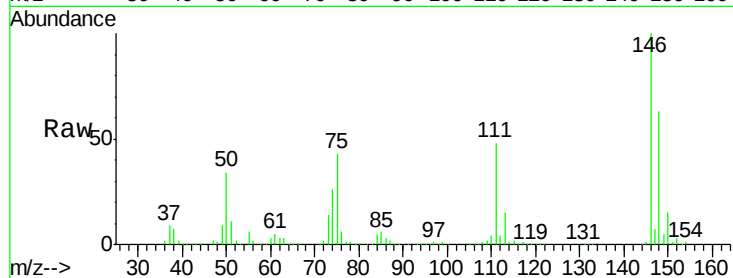
ClientSampleID :

SSTDCCC040

Tot Ion:	146	Resp:	479081
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.4
111	47.8	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 42.46 ng/mL

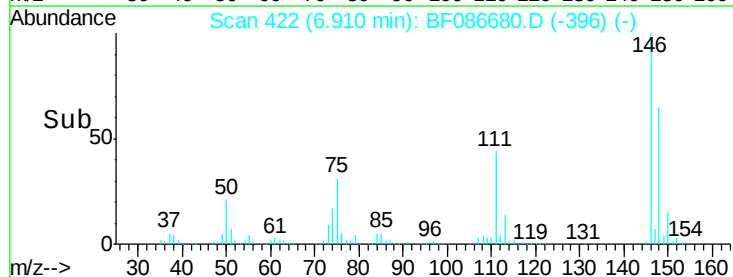
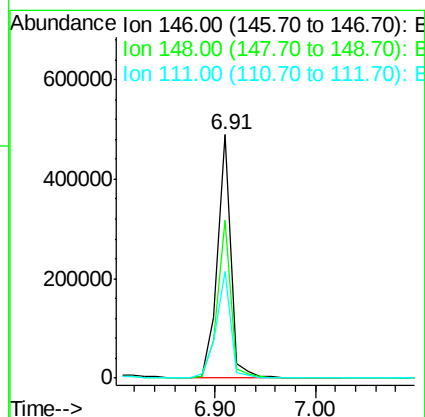
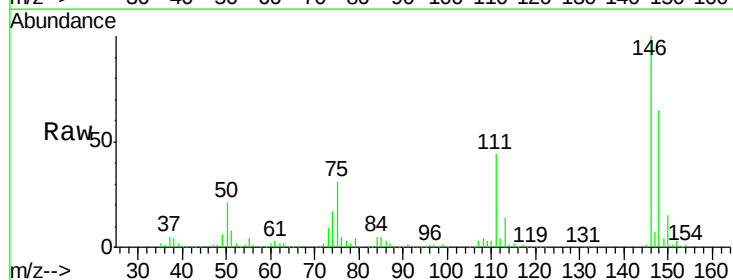
RT: 6.91 min Scan# 422

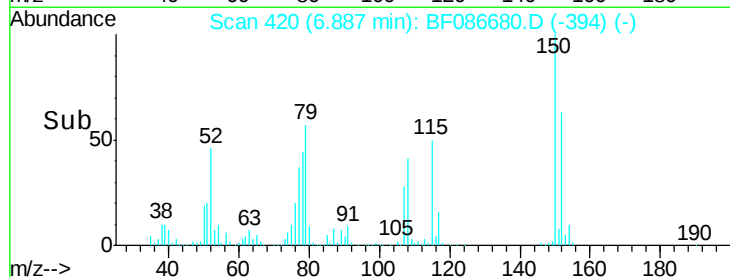
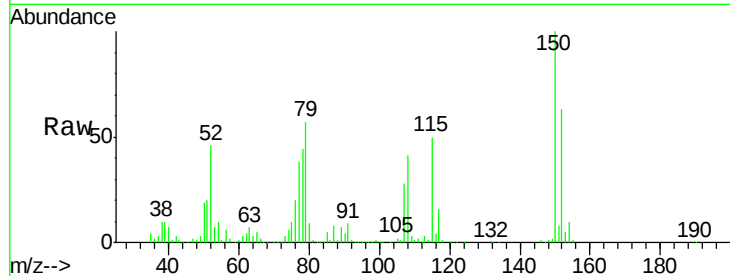
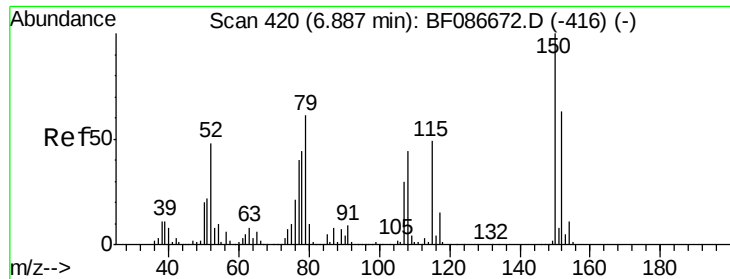
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	146	Resp:	454457
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.6
111	43.6	36.2	54.4





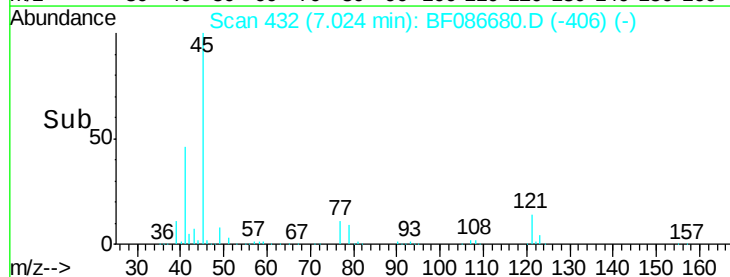
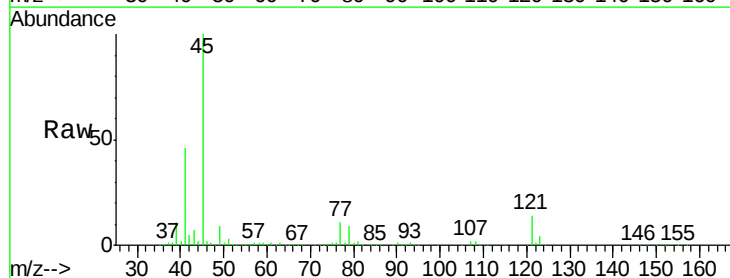
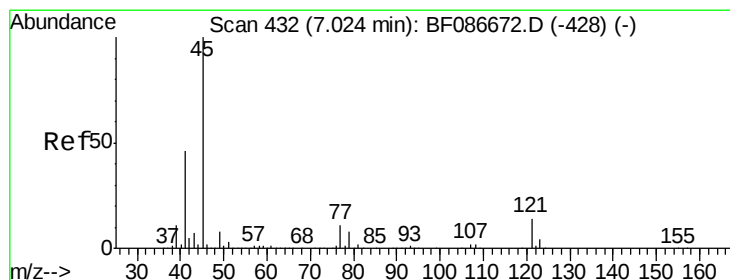
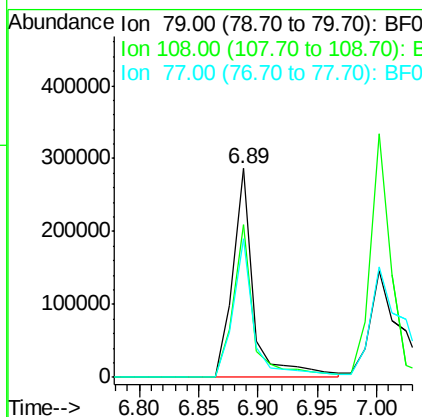
#15
Benzyl Alcohol
Concen: 42.97 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tot Ion	79	108	77
Resp:	349385	73.0	66.6
Lower		68.4	50.6
Upper		102.6	76.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

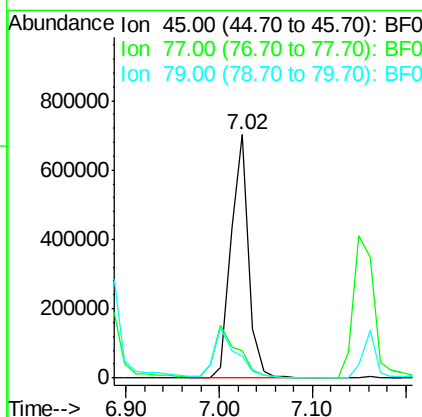
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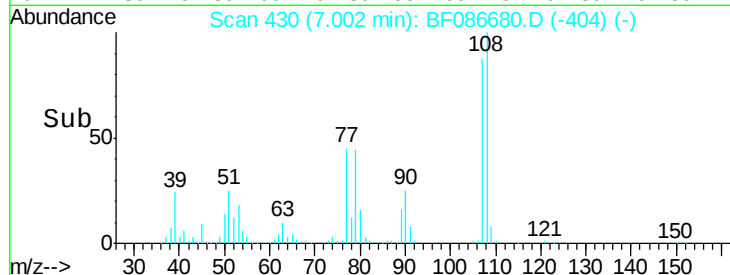
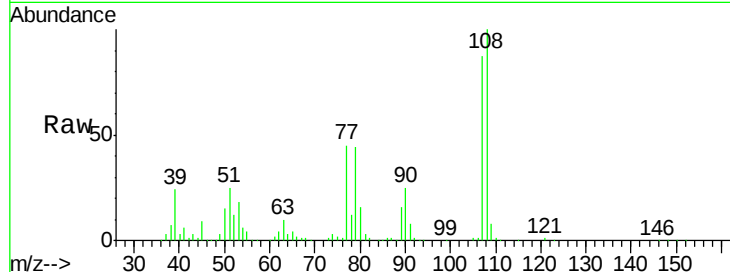
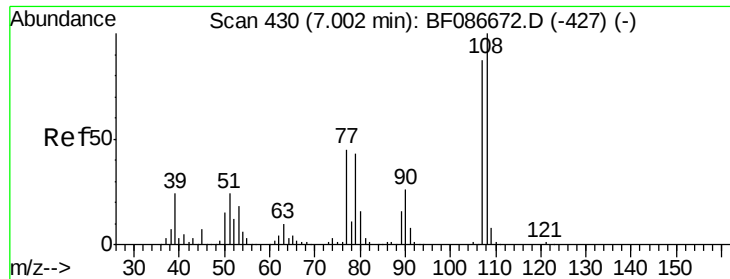
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.09 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	45	77	79
Resp:	921649	11.2	9.1
Lower		0.0	0.0
Upper		36.4	33.4





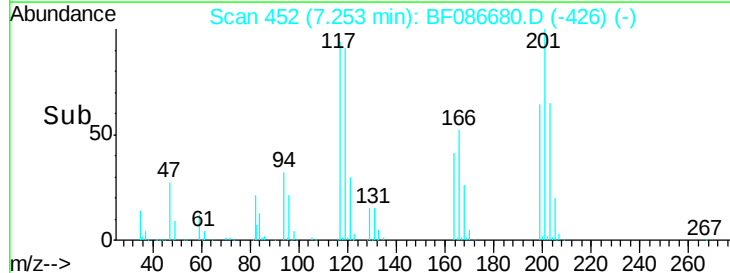
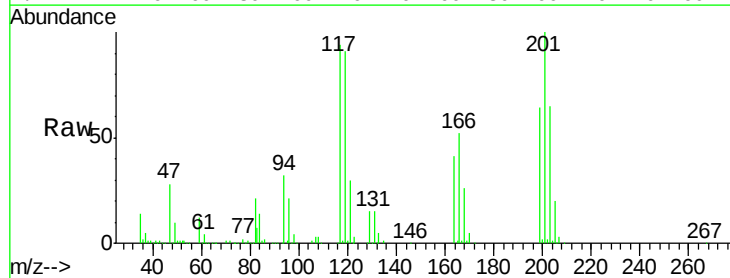
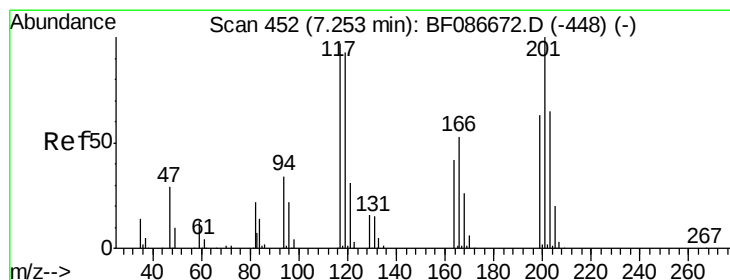
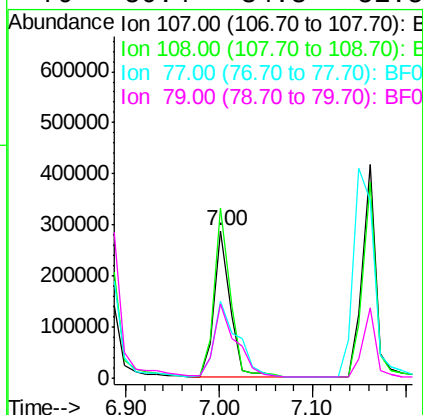
#17
2-Methylphenol
Concen: 38.89 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tot Ion	107	Resp	350551
Ion Ratio	Lower	Upper	
107	100		
108	115.5	93.7	140.5
77	52.4	33.4	50.0#
79	50.4	34.3	51.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

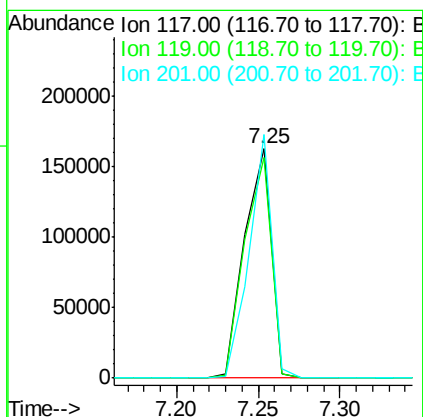
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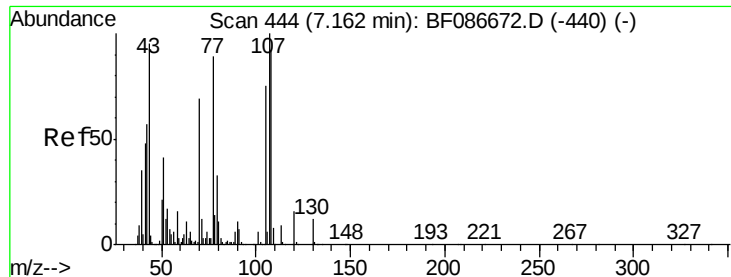
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#18
Hexachloroethane
Concen: 39.97 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	117	Resp	185473
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.5	114.7
201	106.3	63.0	94.6#





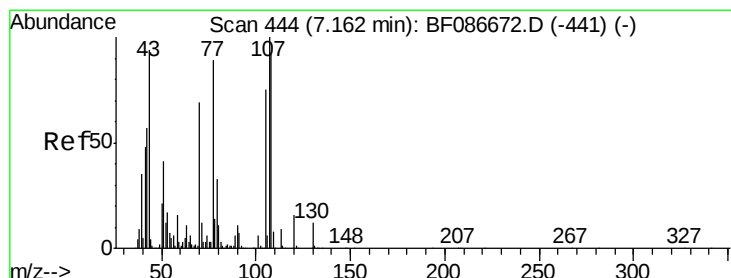
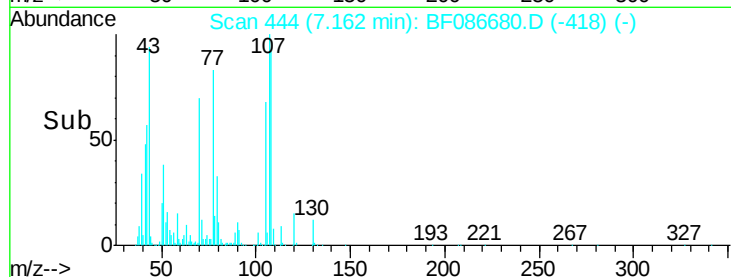
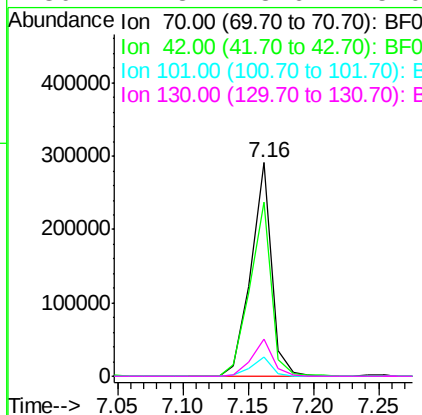
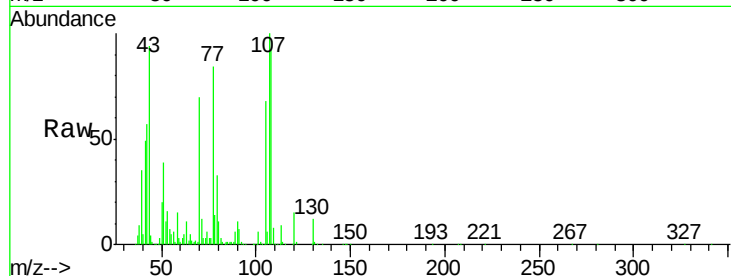
#19
n-Nitroso-di-n-propylamine
Concen: 37.39 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.7	43.1	64.7#
101	9.0	8.1	12.1
130	17.3	18.6	28.0#

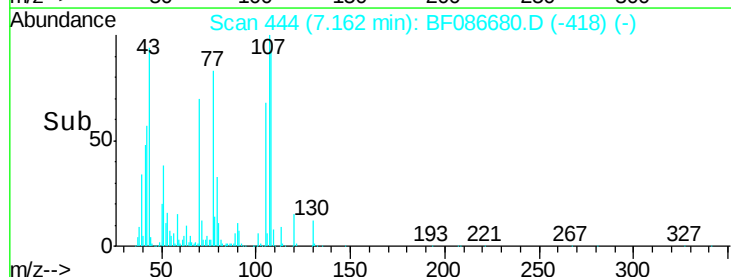
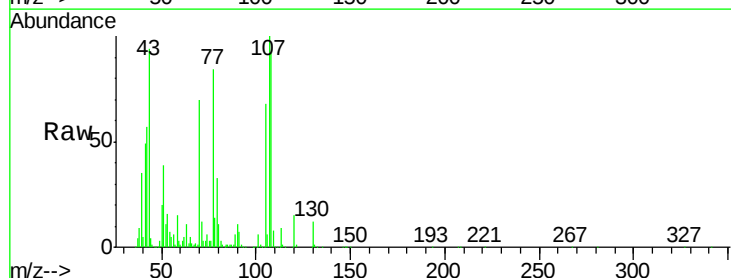
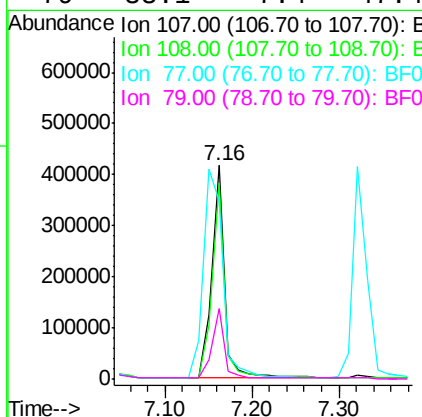
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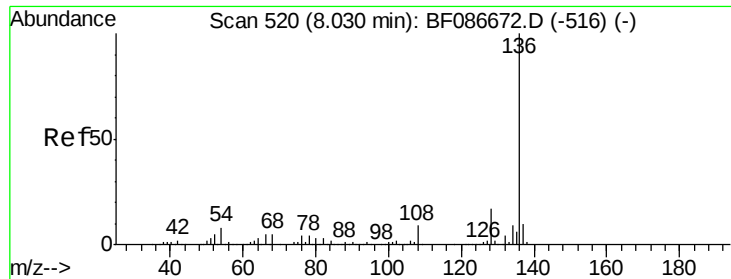
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#20
3+4-Methylphenols
Concen: 41.34 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.5	108.5
77	83.6	101.6	141.6#
79	33.1	7.4	47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

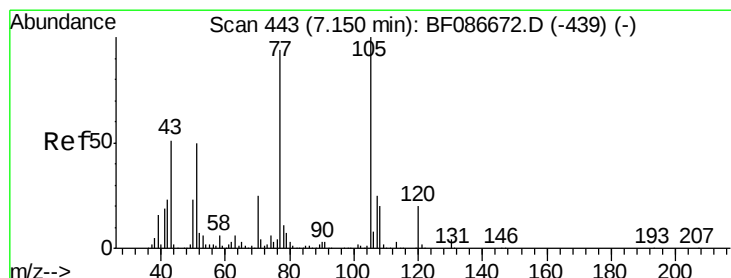
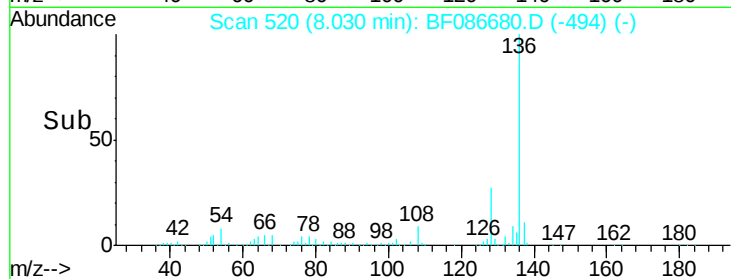
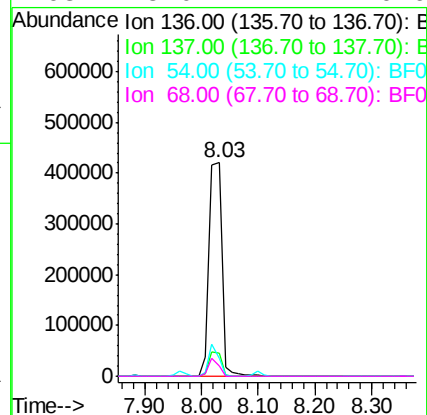
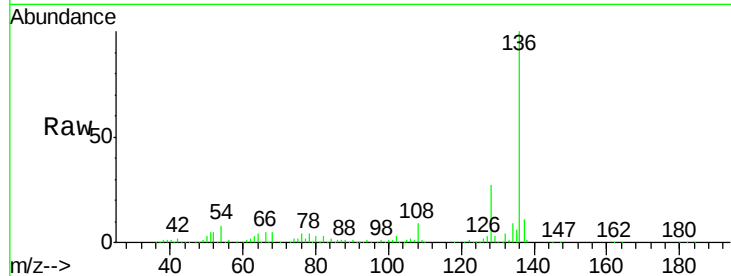
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	628564		
137	10.5	8.8	13.2	
54	8.2	5.0	7.4	
68	5.0	4.4	6.6	

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#22

Acetophenone

Concen: 41.55 ng

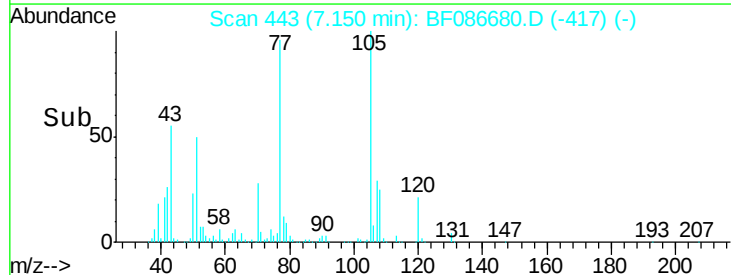
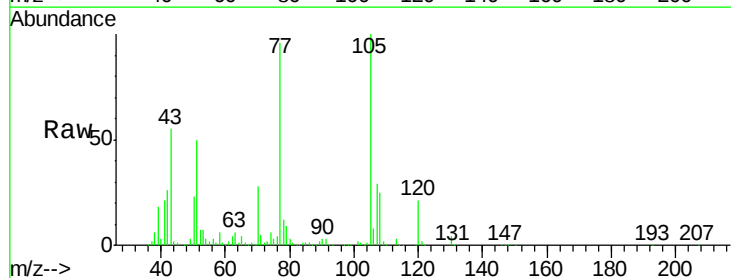
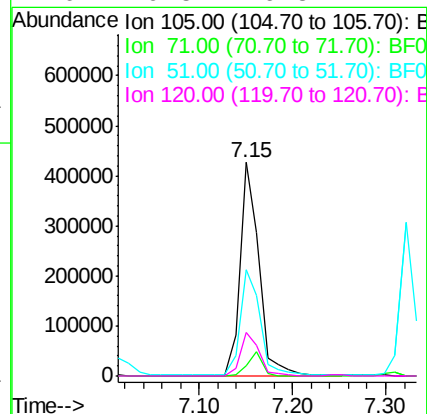
RT: 7.15 min Scan# 443

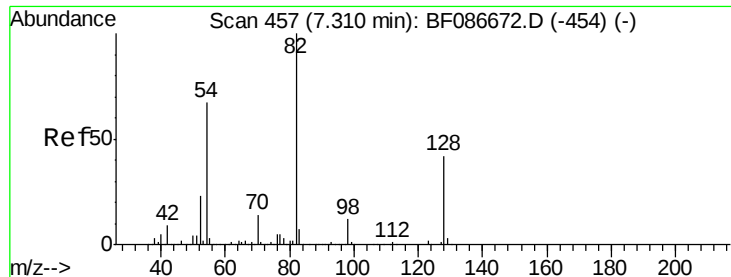
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608610		
71	4.6	4.8	7.2	
51	50.0	32.6	49.0	
120	20.5	16.5	24.7	





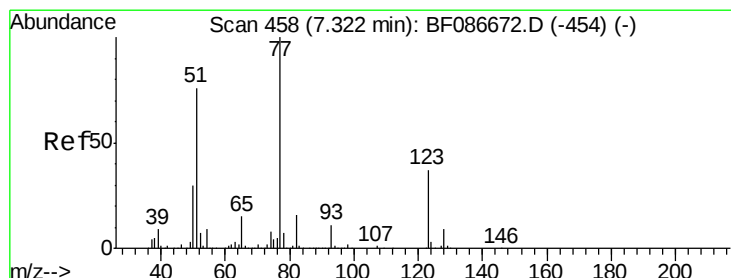
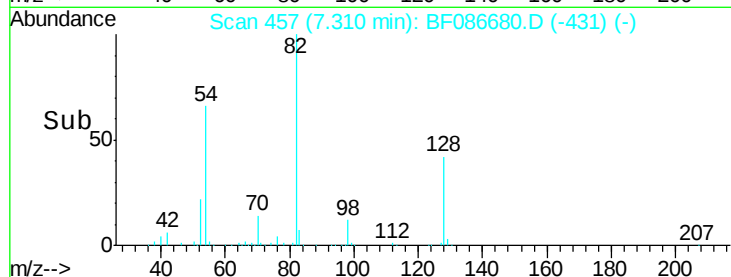
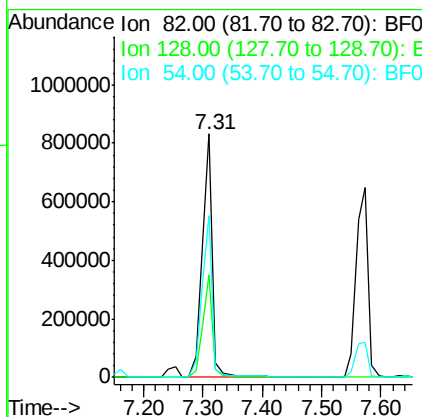
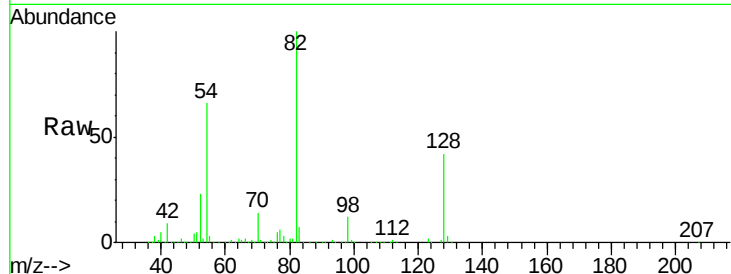
#23
 Nitrobenzene-d5
 Concen: 83.13 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	61.0
54	66.4	38.1	57.1

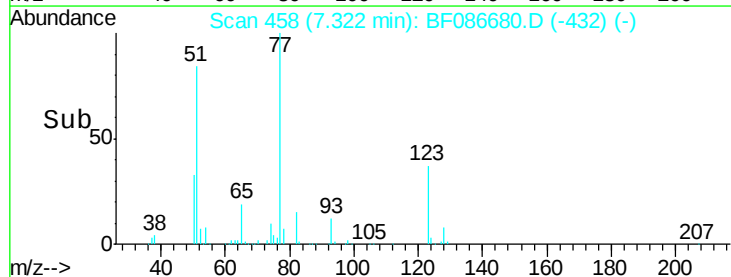
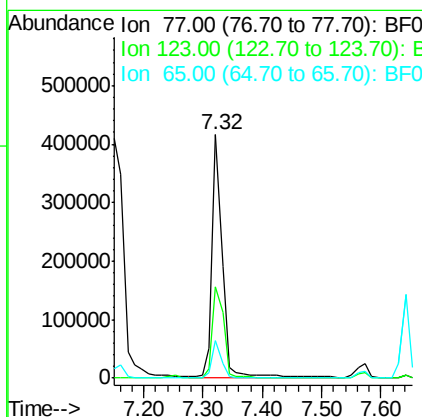
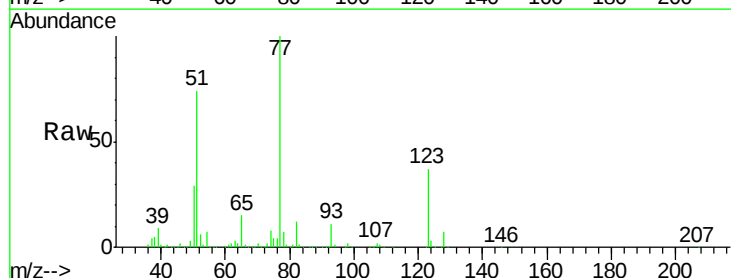
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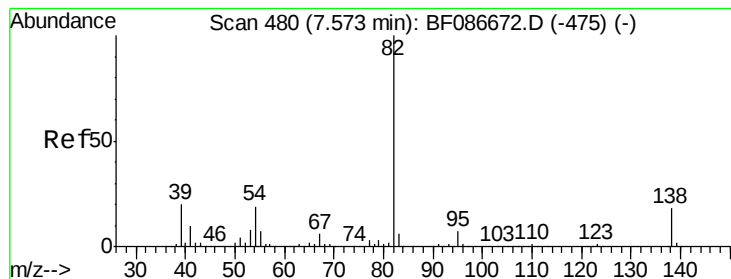
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#24
 Nitrobenzene
 Concen: 38.78 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	33.0	49.4
65	15.4	10.8	16.2





#25

Isophorone

Concen: 39.57 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

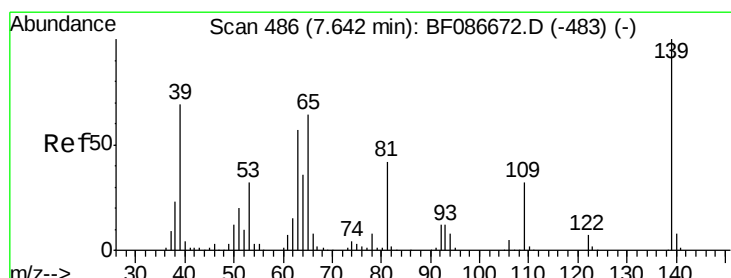
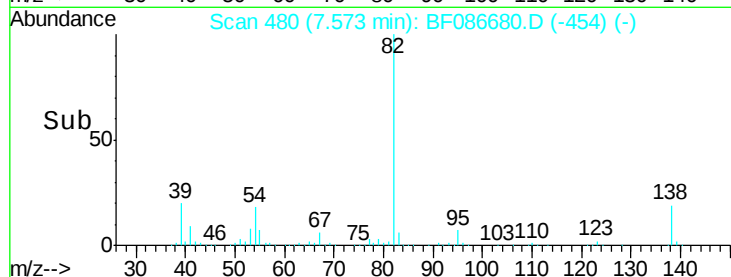
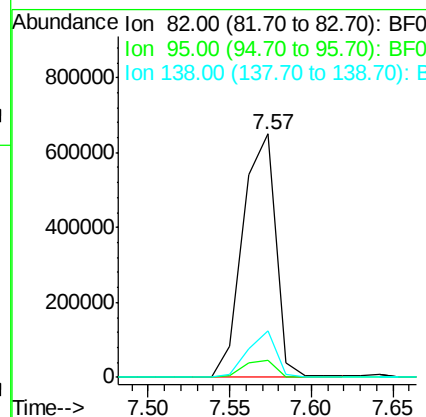
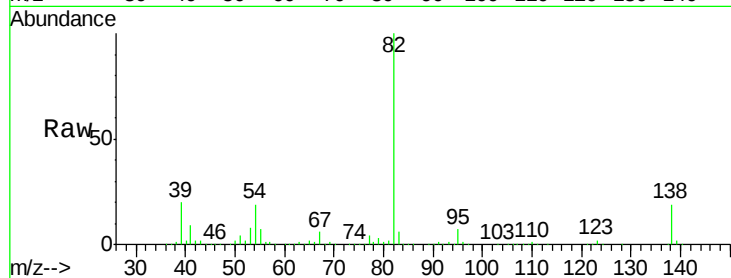
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.1	7.7	
138	19.1	12.4	18.6	

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#26

2-Nitrophenol

Concen: 41.79 ng

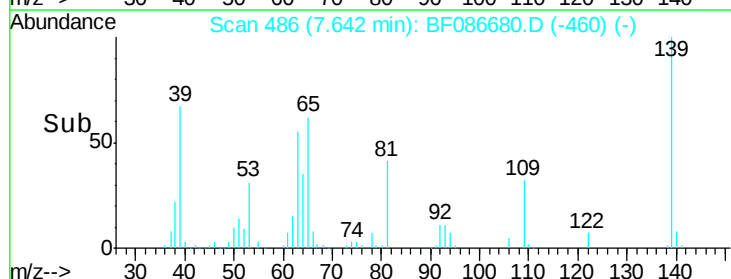
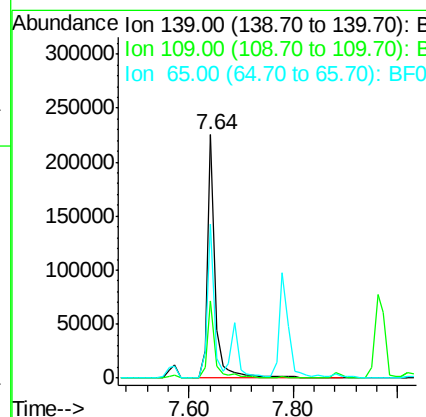
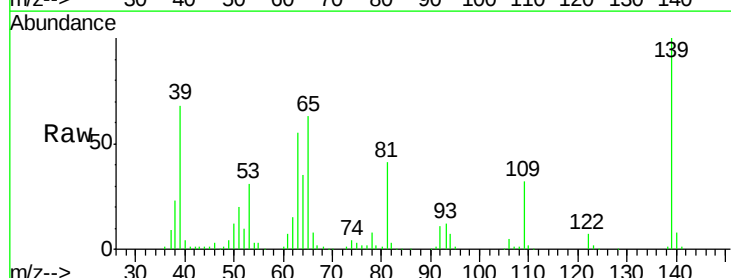
RT: 7.64 min Scan# 486

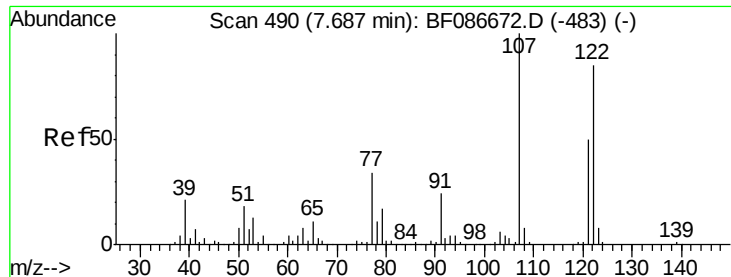
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.8	19.5	29.3	
65	63.0	37.5	56.3	





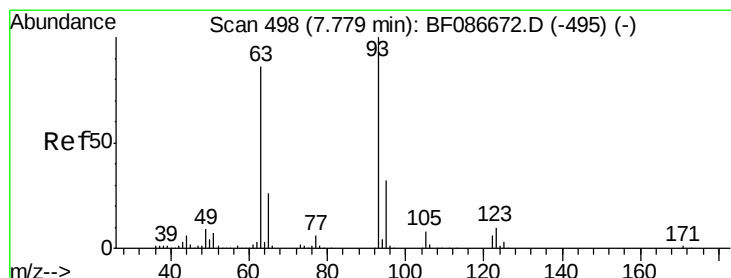
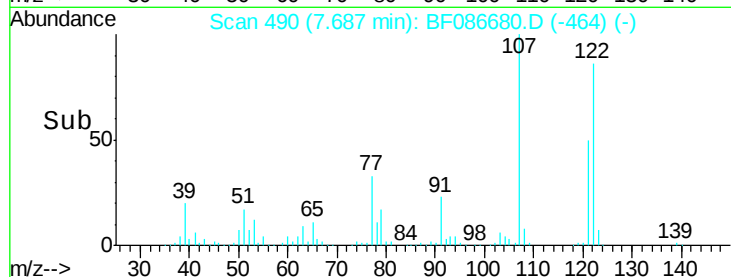
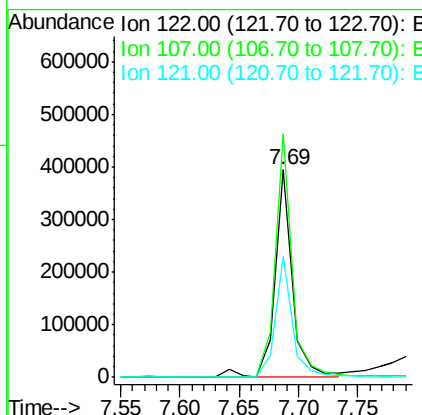
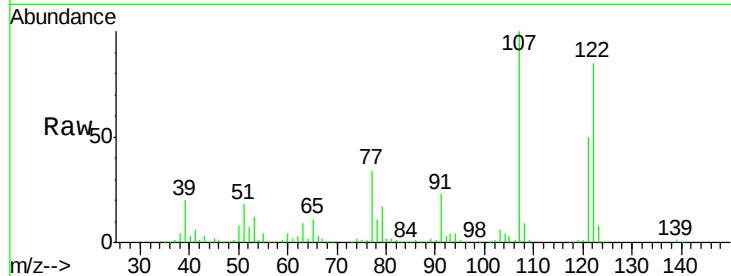
#27
 2,4-Dimethylphenol
 Concen: 41.04 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
406629	122	100			
	107	117.3	82.0	123.0	
	121	58.4	46.1	69.1	

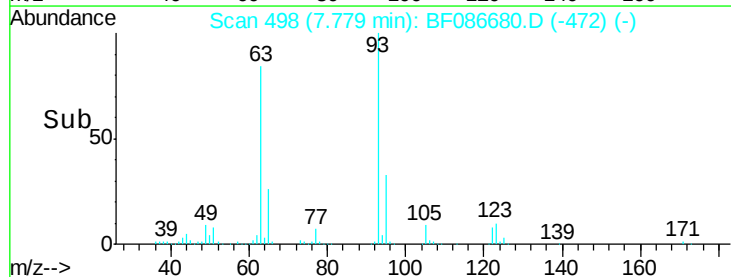
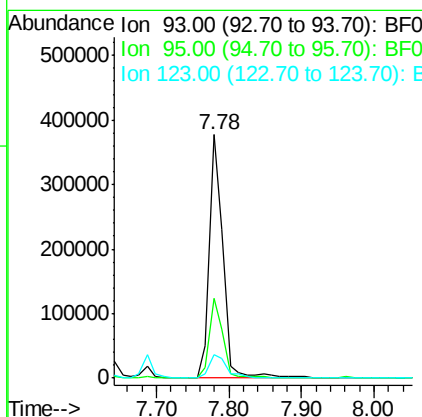
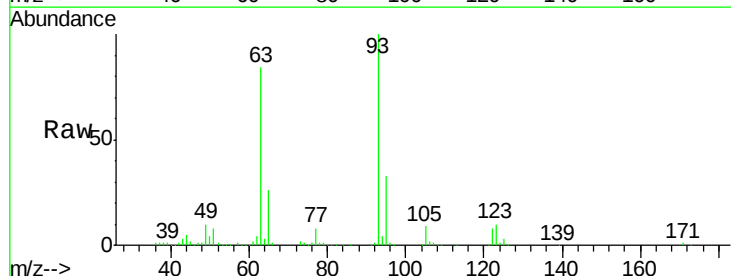
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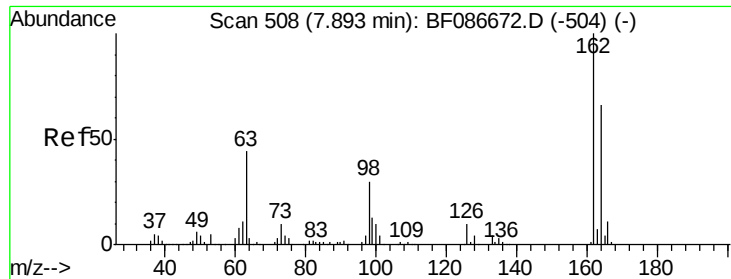
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.80 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
486401	93	100			
	95	32.9	26.0	39.0	
	123	9.7	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 40.35 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

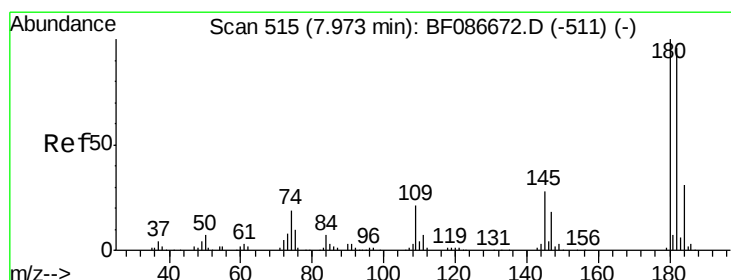
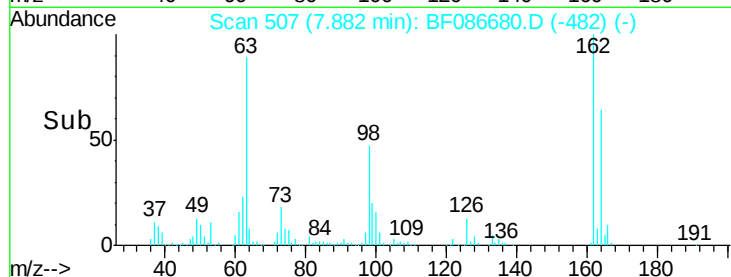
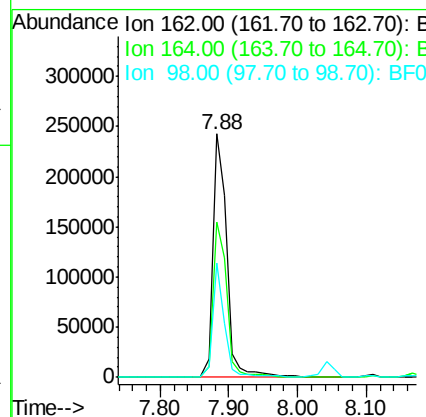
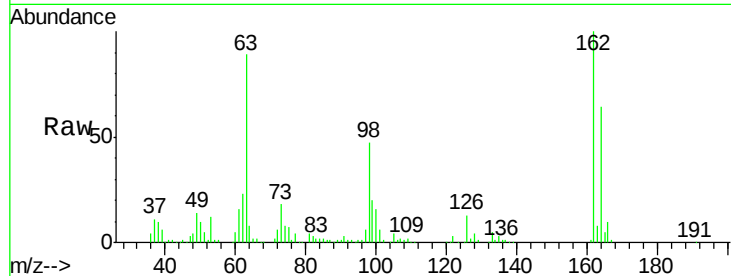
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	343733
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.2	82.2
98	47.0	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 41.62 ng

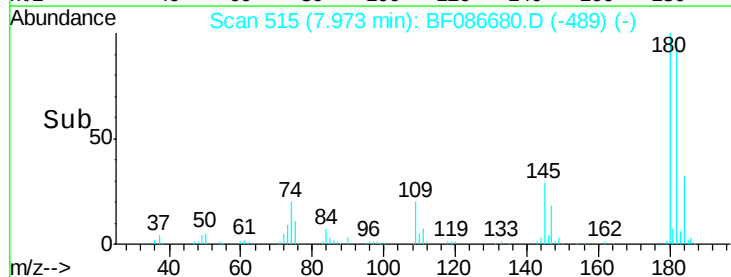
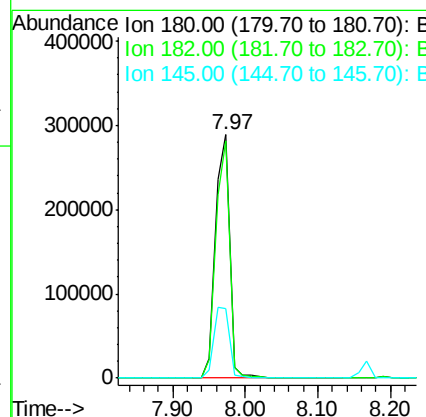
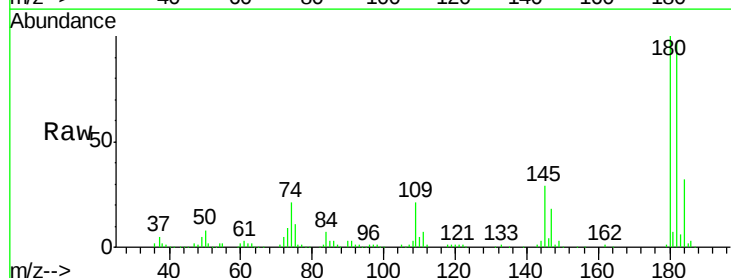
RT: 7.97 min Scan# 515

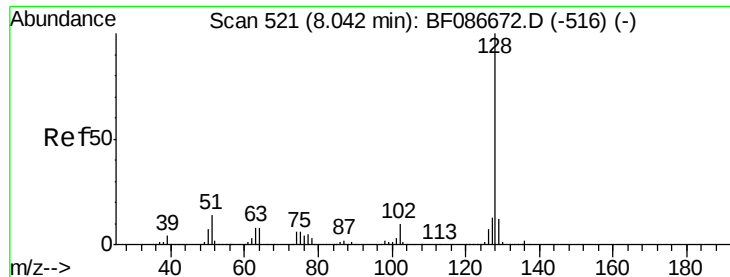
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	180	Resp:	395557
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.0	117.0
145	28.7	24.2	36.2





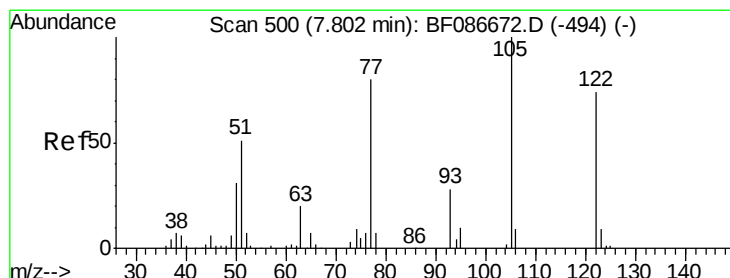
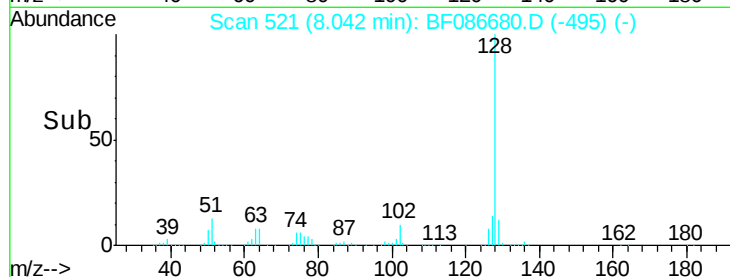
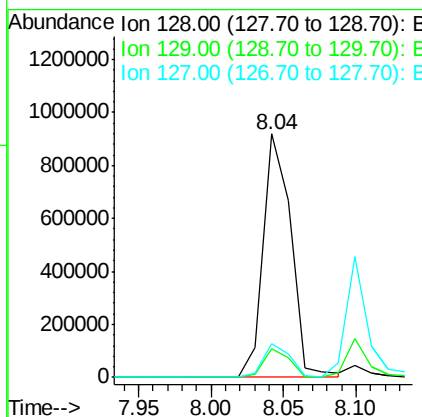
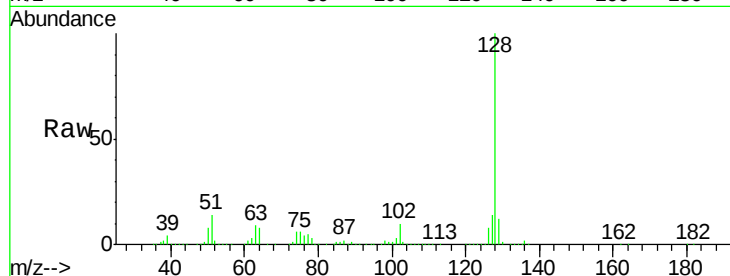
#31
Naphthalene
Concen: 37.83 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.6	10.8	16.2

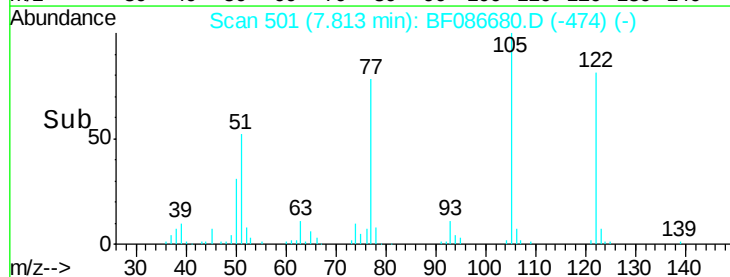
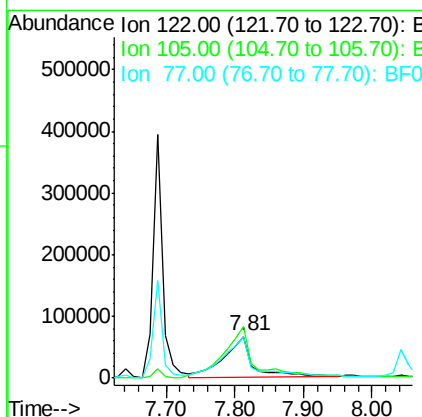
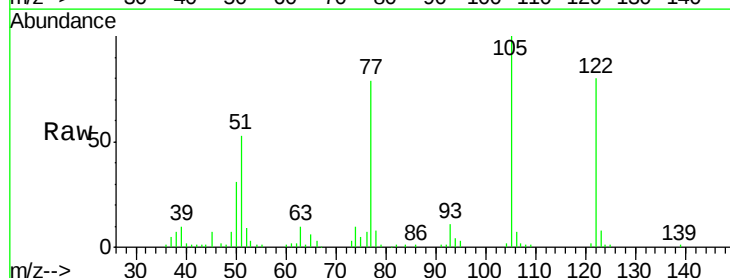
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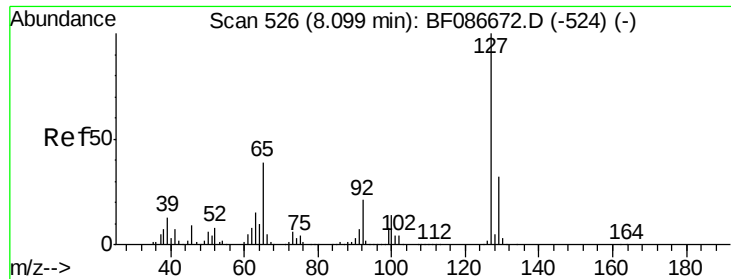
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#32
Benzoic acid
Concen: 49.99 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	92.6	132.6
77	98.8	60.0	100.0





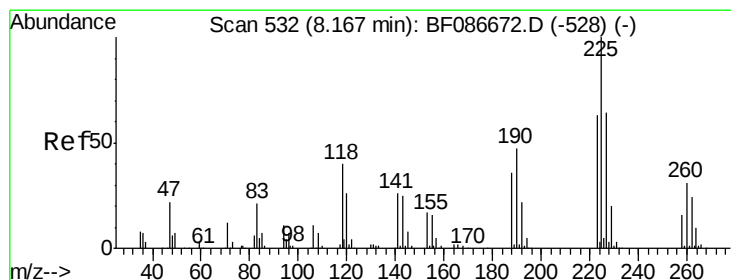
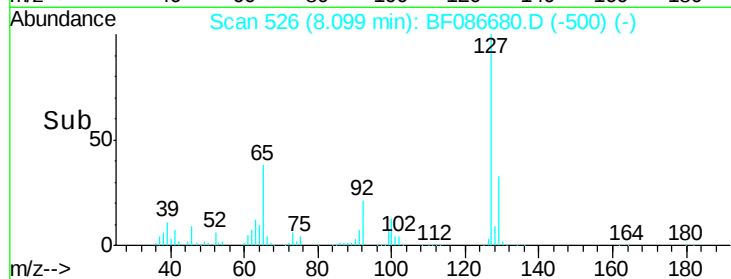
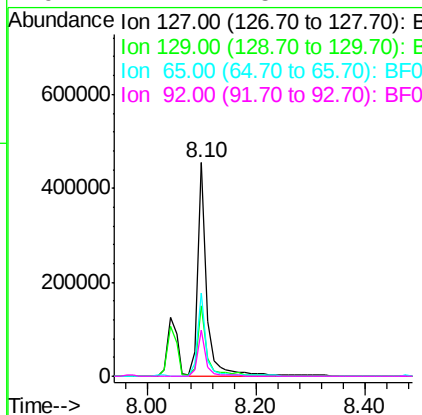
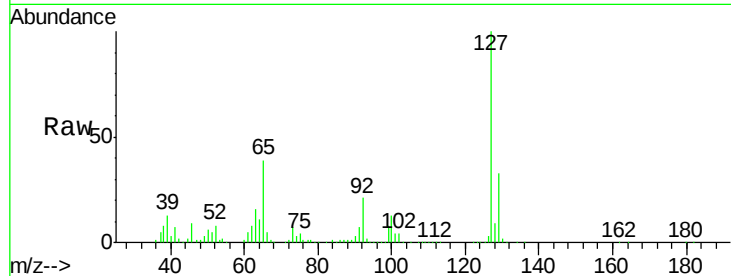
#33
4-Chloroaniline
Concen: 40.75 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	39.1	23.0	34.4		
92	21.4	15.1	22.7		

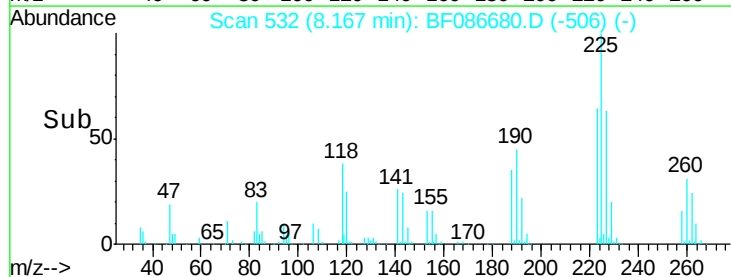
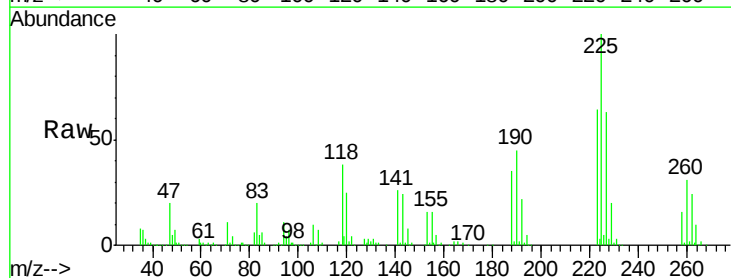
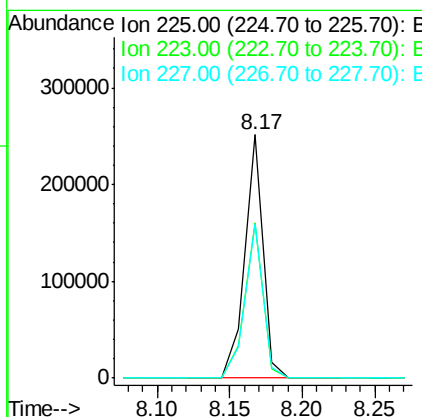
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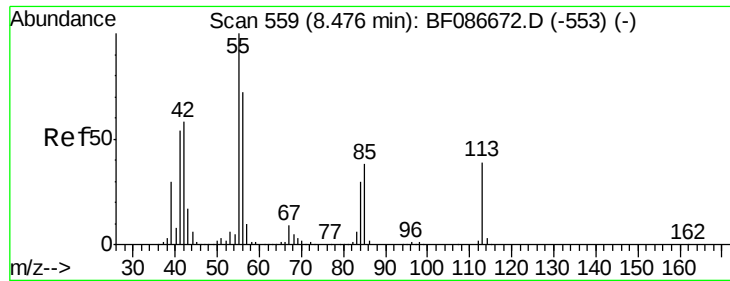
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#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.5	77.3		
227	63.3	52.2	78.2		





#35

Caprolactam

Concen: 40.33 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

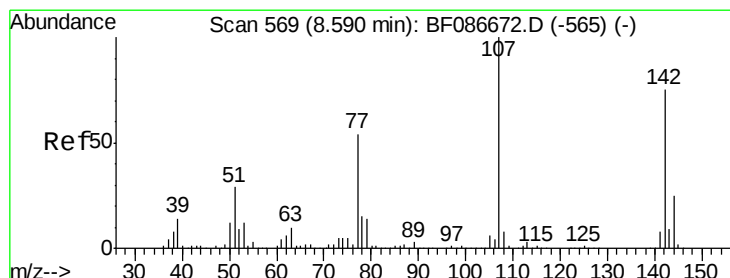
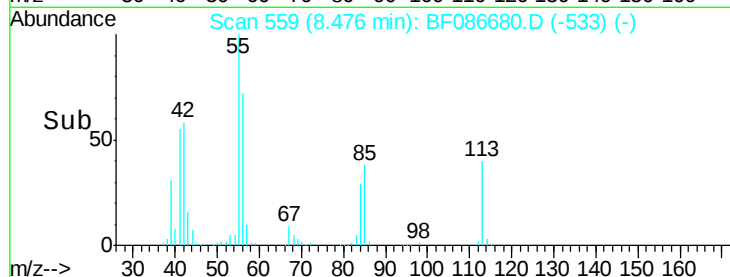
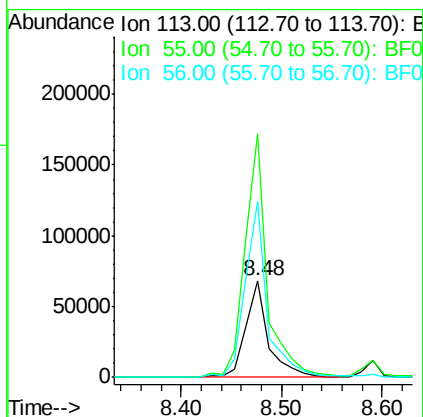
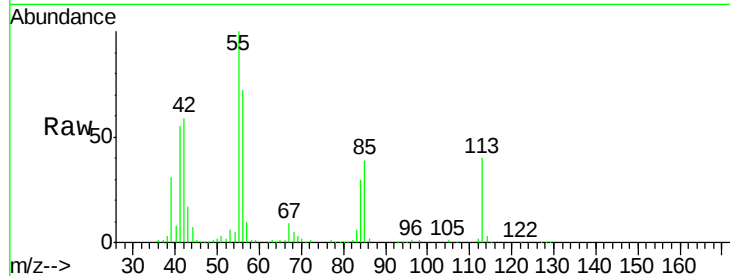
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	252.2	162.0	202.0#	
56	182.6	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 43.06 ng

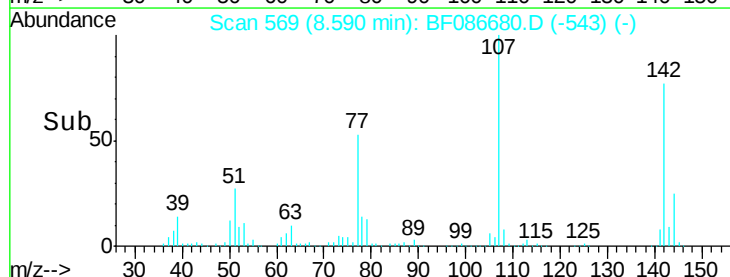
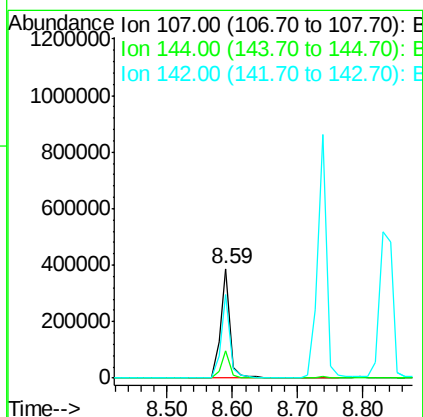
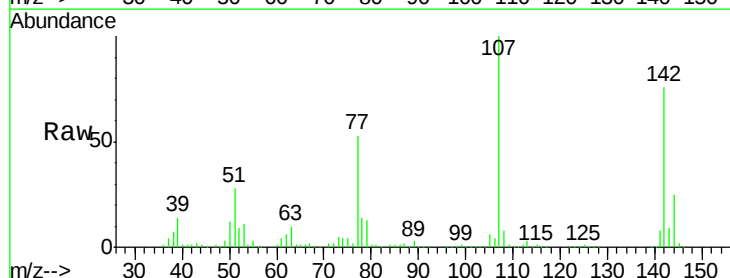
RT: 8.59 min Scan# 569

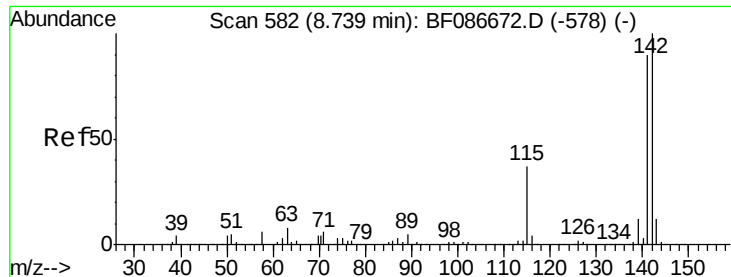
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.9	20.7	31.1	
142	76.5	63.2	94.8	





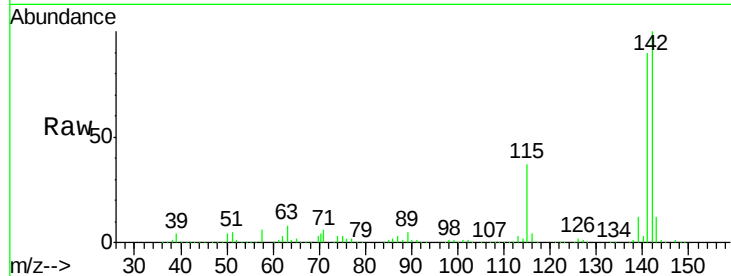
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	37.0	26.6	39.8

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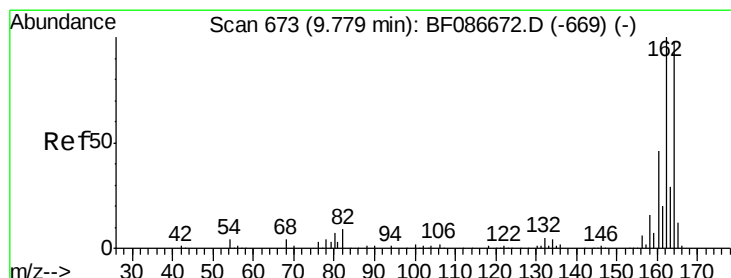
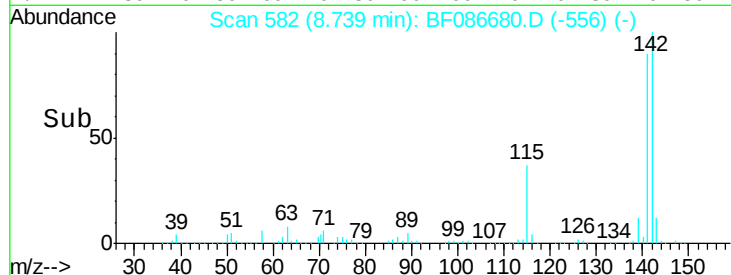
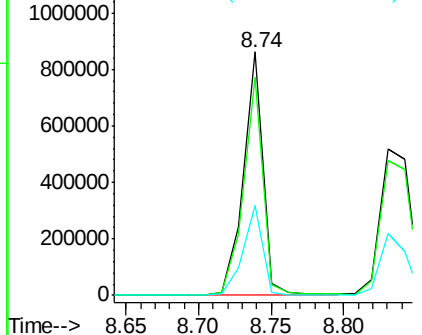


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

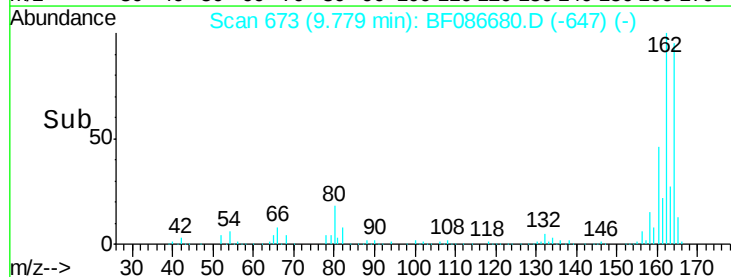
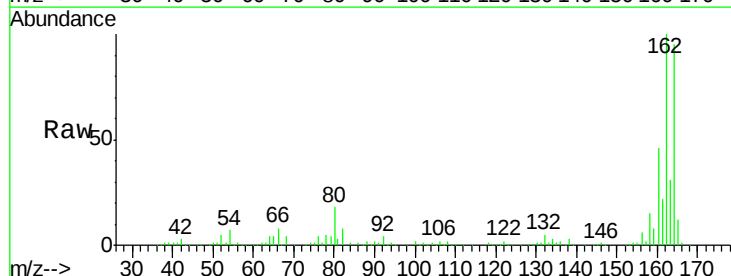
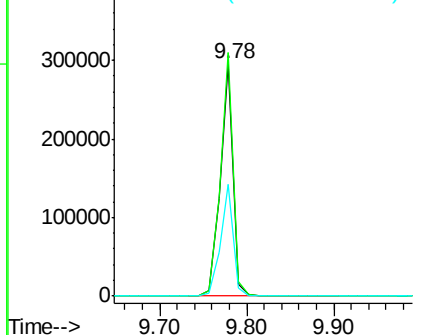
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	47.9	36.9	55.3

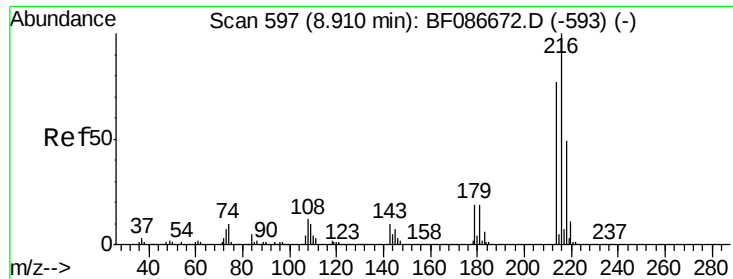
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.44 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

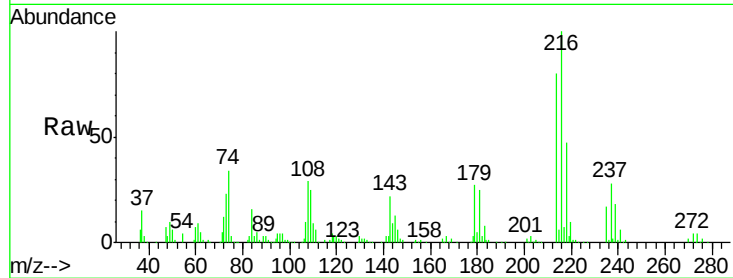
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		341806		
214	78.4	62.6	93.8		
179	23.1	18.2	27.4		
108	22.4	17.5	26.3		

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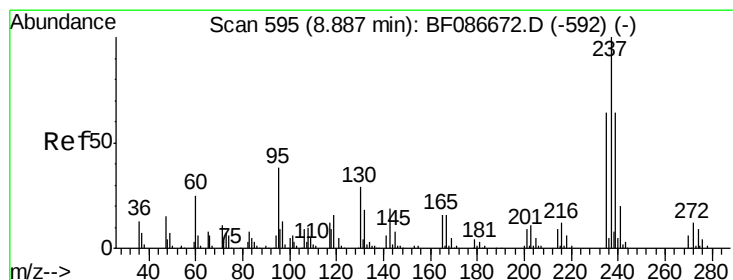
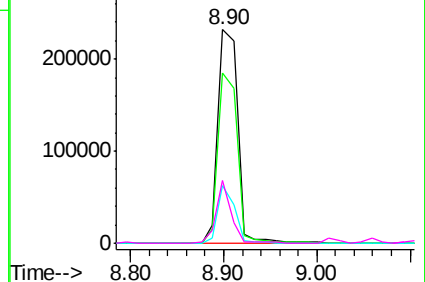
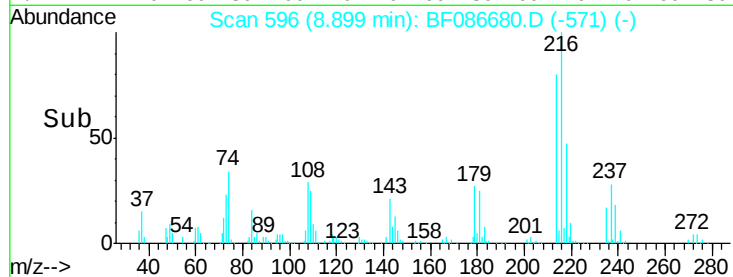


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.89 ng

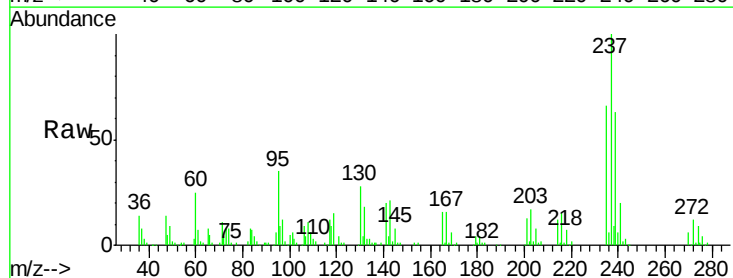
RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

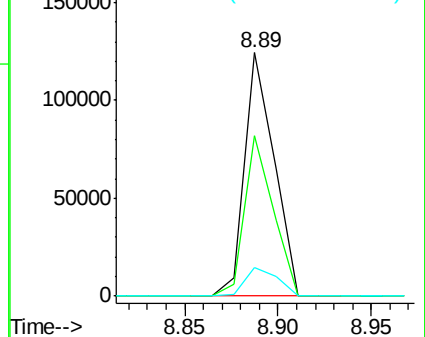
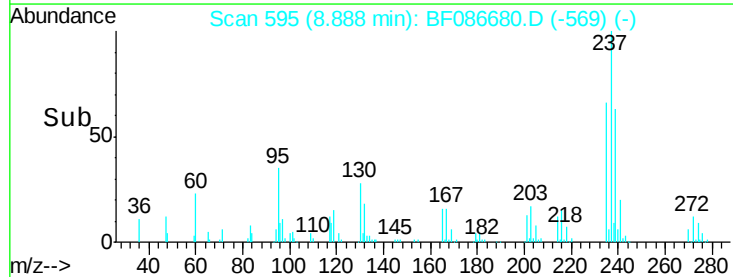
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		136472		
235	66.0	47.2	87.2		
272	11.6	0.0	31.1		

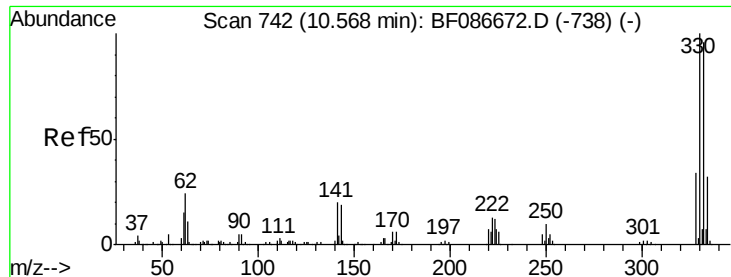


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





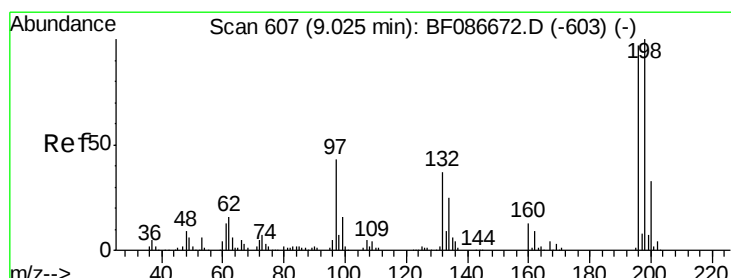
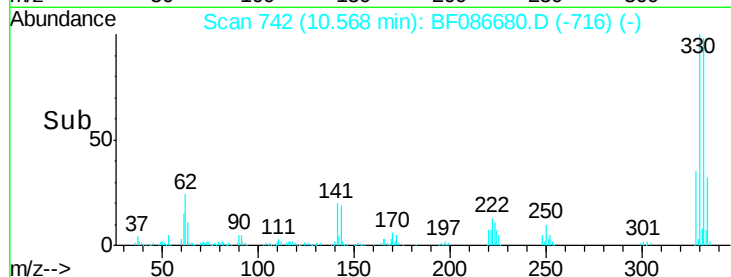
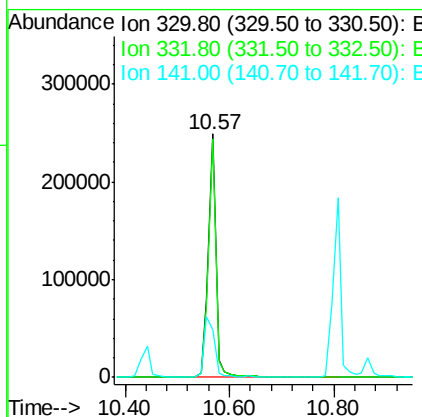
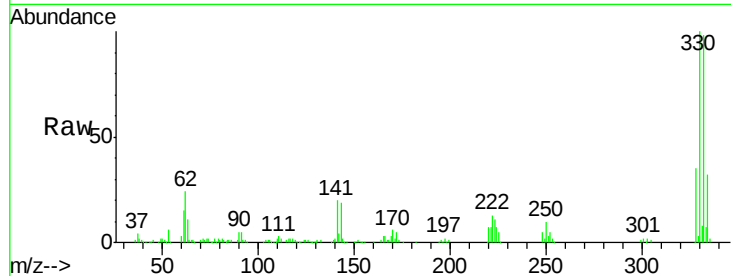
#41
 2,4,6-Tribromophenol
 Concen: 85.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255904		
332	96.5	79.0	118.4	
141	32.5	31.2	46.8	

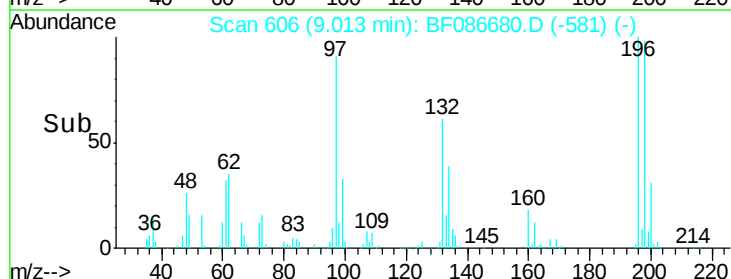
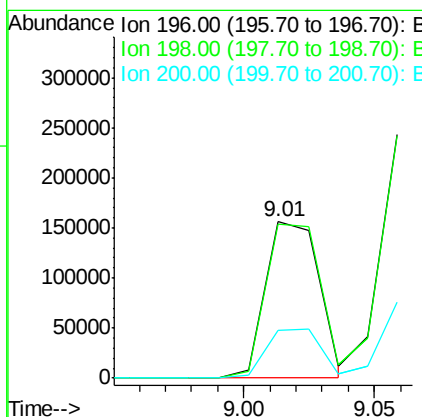
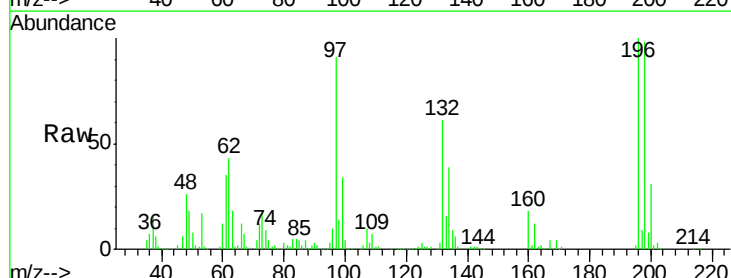
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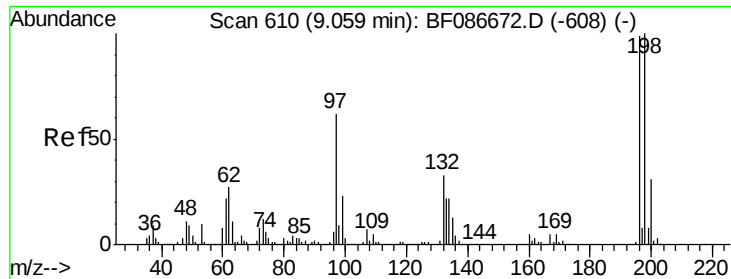
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#42
 2,4,6-Trichlorophenol
 Concen: 39.33 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222367		
198	98.4	74.7	112.1	
200	30.5	23.8	35.6	





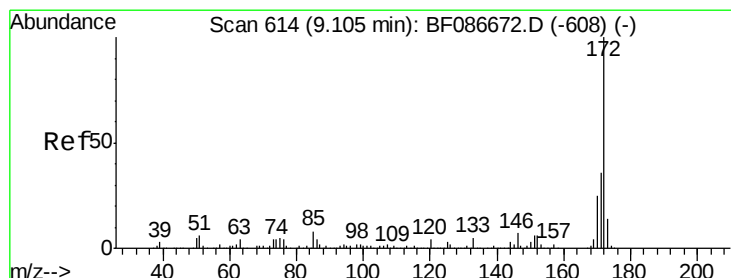
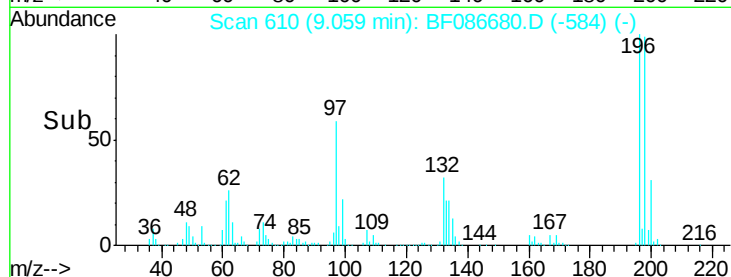
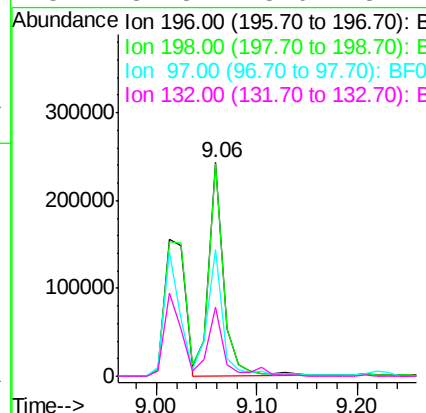
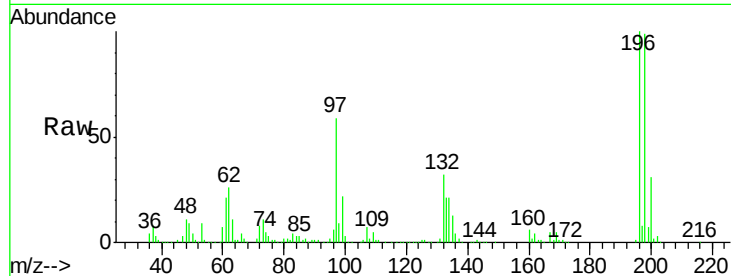
#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249612		
198	99.3	77.5	116.3	
97	59.3	34.8	52.2	
132	32.3	23.0	34.4	

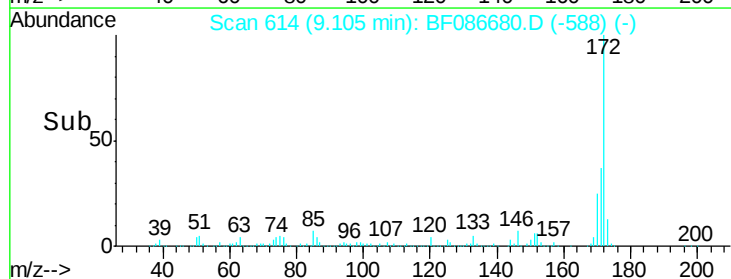
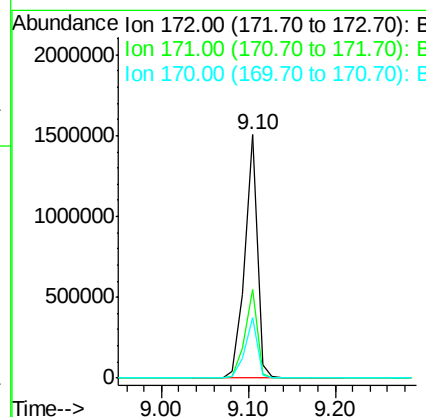
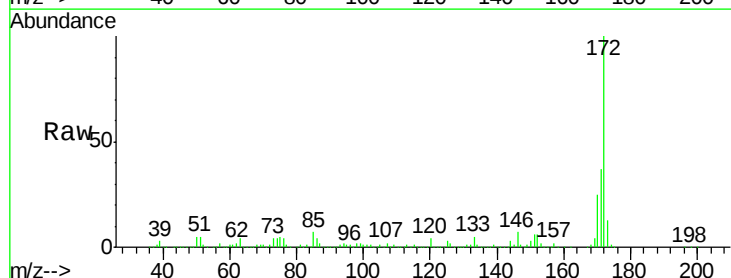
Manual Integrations
 APPROVED

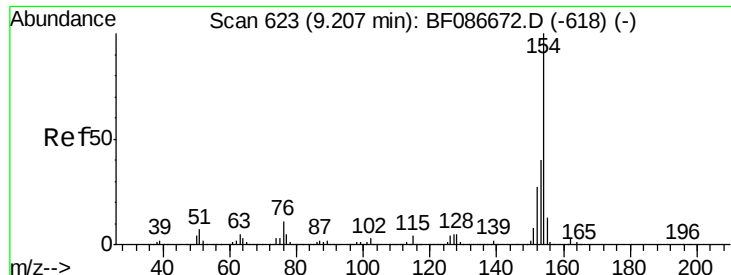
sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.24 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1503678		
171	36.5	29.0	43.6	
170	24.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.93 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1053046

Ion Ratio Lower Upper

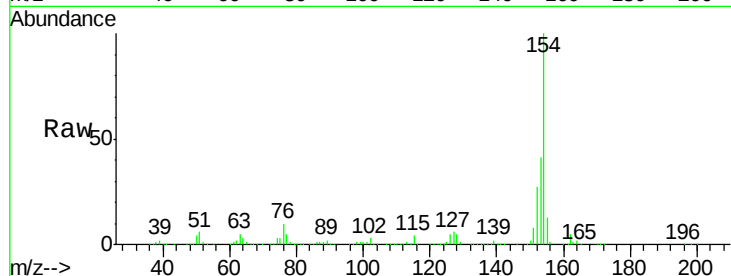
154 100

153 40.7 20.3 60.3

76 10.0 0.0 30.2

Manual Integrations
APPROVED

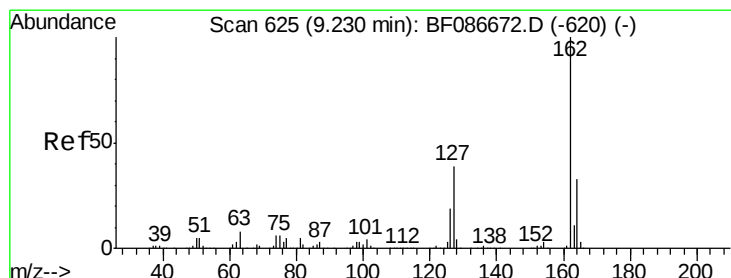
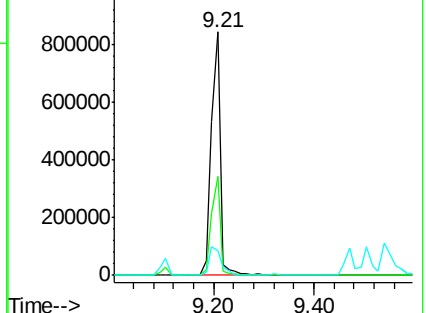
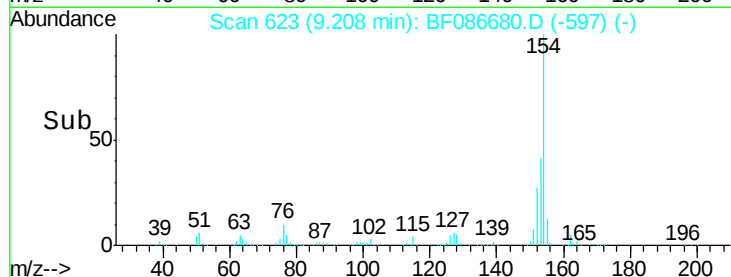
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.61 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

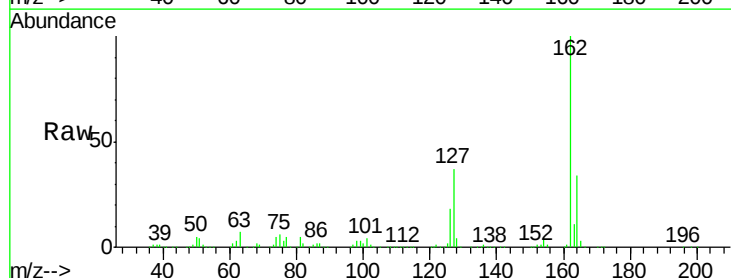
Tgt Ion:162 Resp: 767665

Ion Ratio Lower Upper

162 100

127 37.1 31.8 47.6

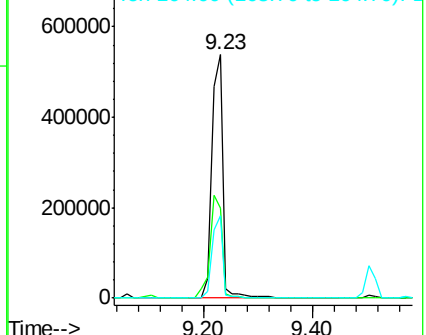
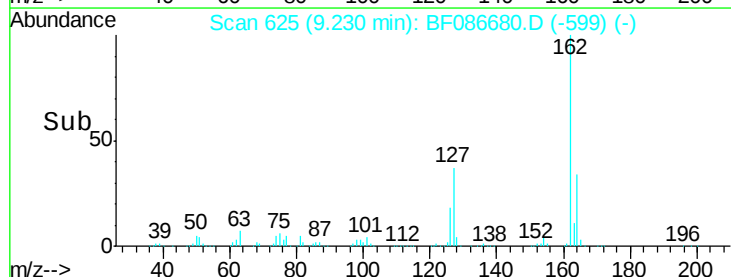
164 33.6 27.0 40.6

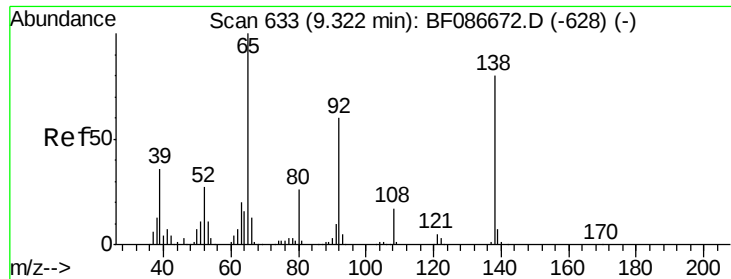


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





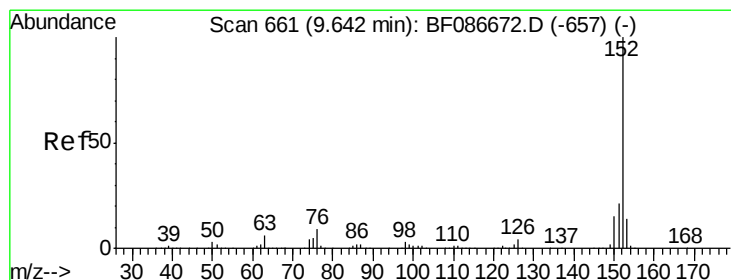
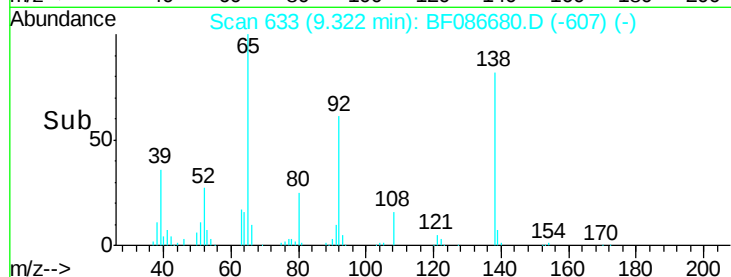
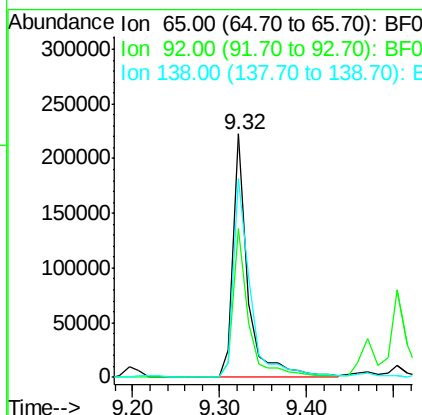
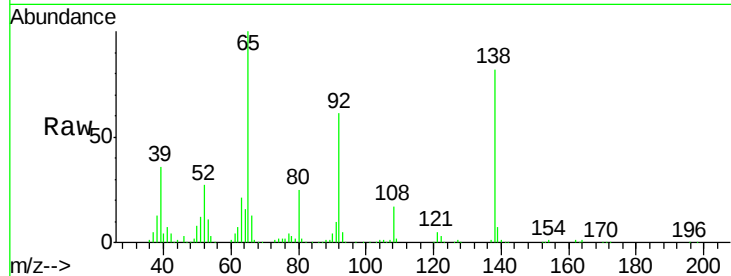
#47
2-Nitroaniline
Concen: 38.34 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.0	57.4	86.2
138	81.9	90.1	135.1#

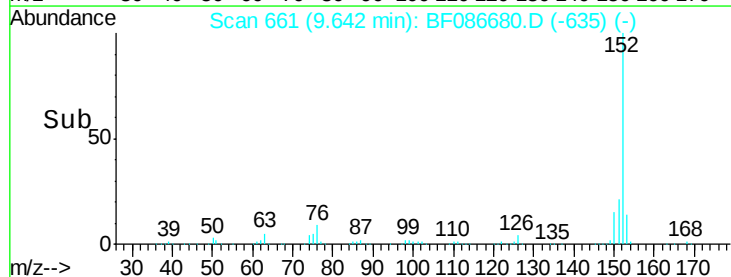
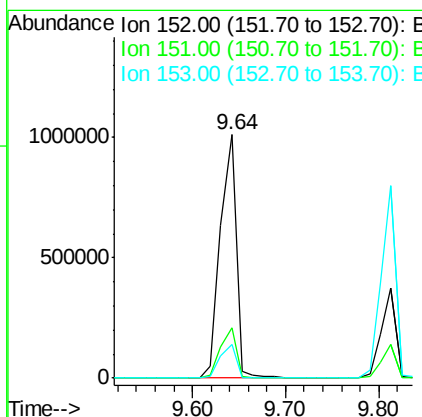
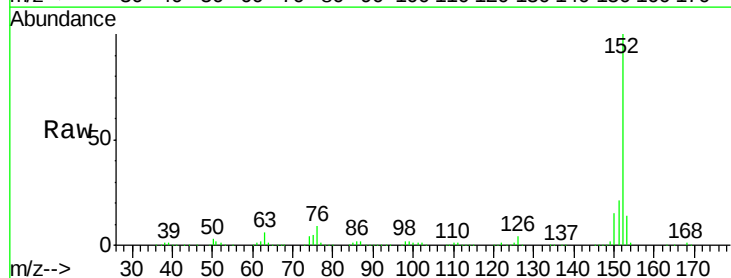
Manual Integrations
APPROVED

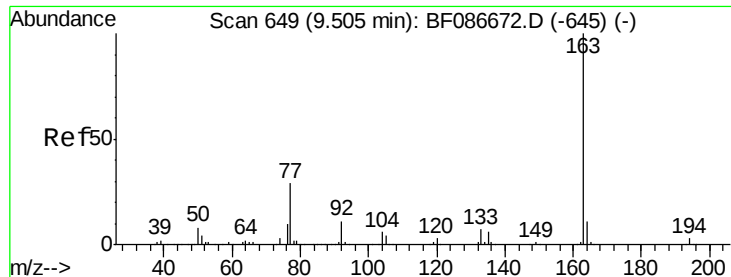
sohil
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#48
Acenaphthylene
Concen: 41.77 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.8	10.9	16.3





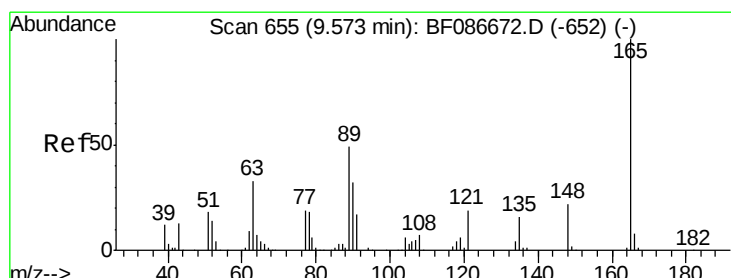
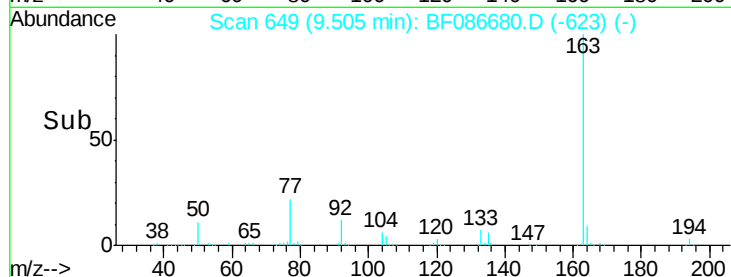
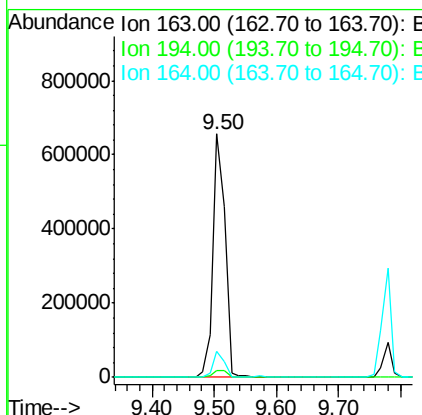
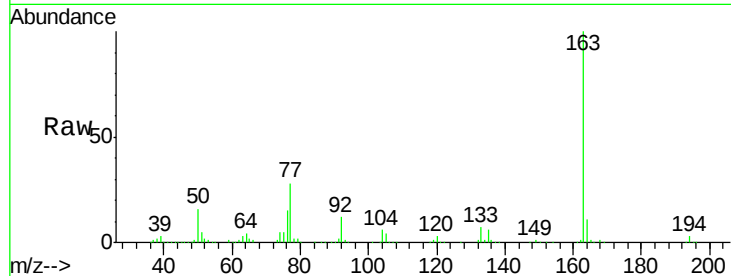
#49
Dimethylphthalate
Concen: 38.18 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	874295		
194	3.0		2.6	4.0
164	10.8		8.2	12.4

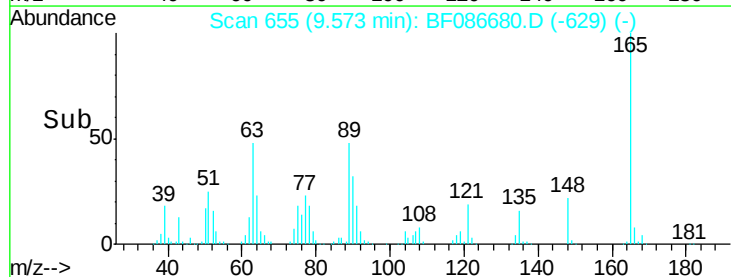
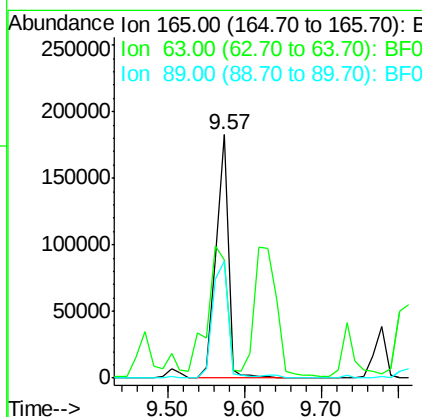
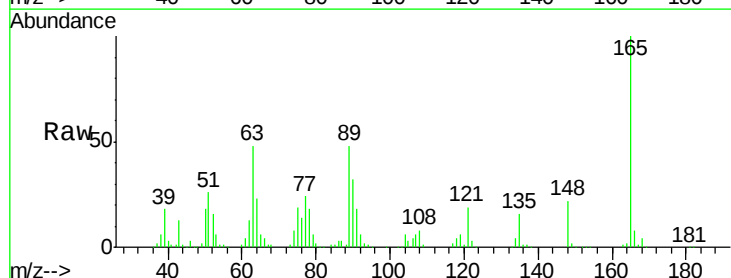
Manual Integrations
APPROVED

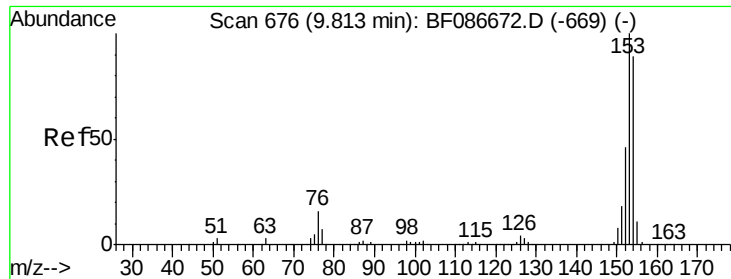
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#50
2,6-Dinitrotoluene
Concen: 41.38 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203379		
63	48.5		51.8	77.8#
89	48.0		50.7	76.1#





#51

Acenaphthene

Concen: 40.36 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

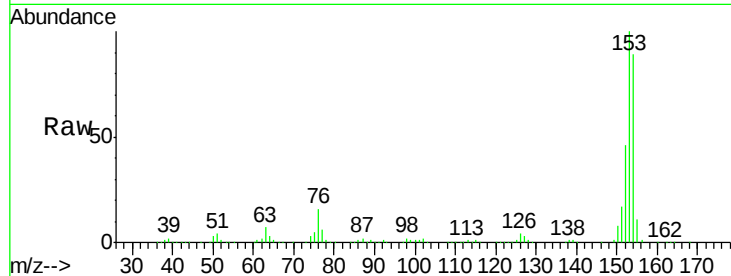
ClientSampleId :

SSTDCCC040

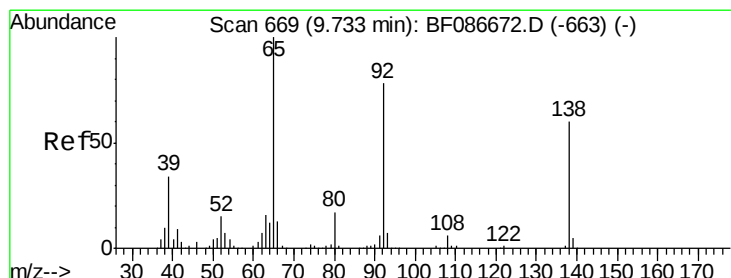
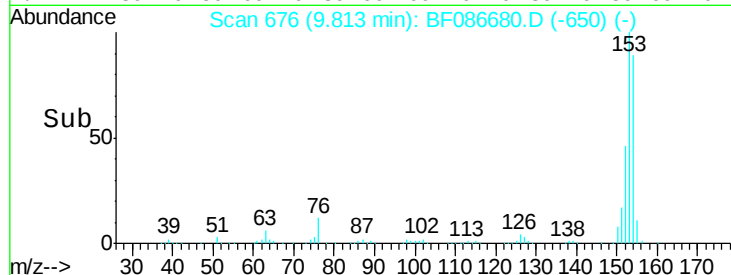
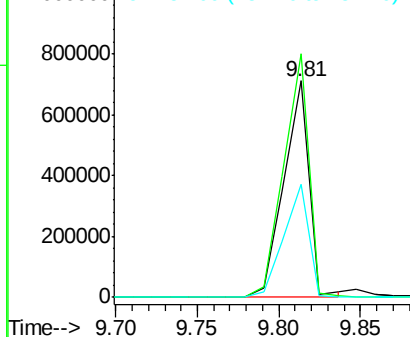
Tot Ion:	154	Resp:	766042
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.6
152	52.4	43.4	65.0

Manual Integrations
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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: 38.63 ng

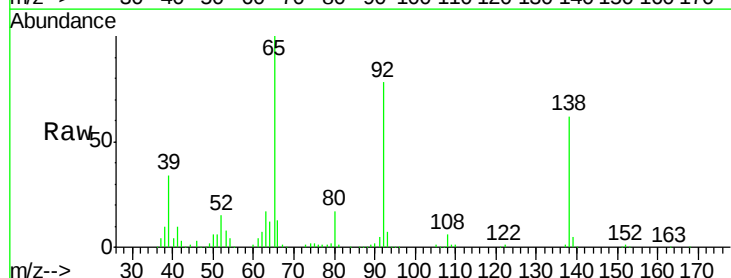
RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

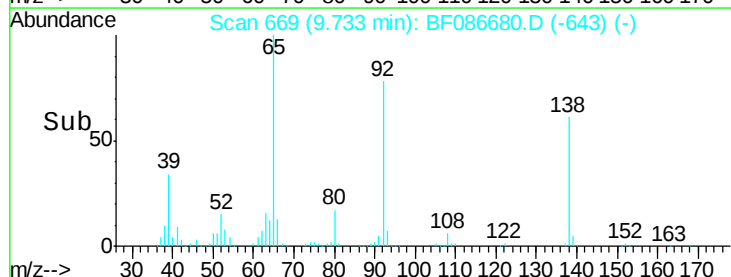
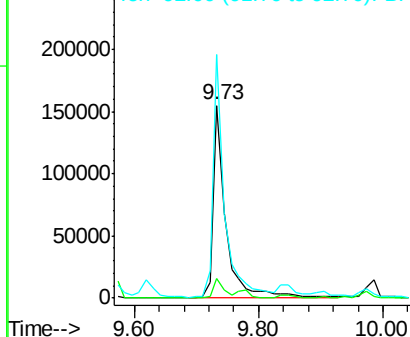
Lab File: BF086680.D

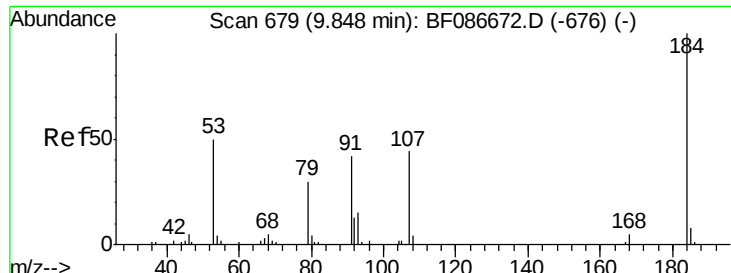
Acq: 4 May 2016 16:50

Tgt Ion:	138	Resp:	215828
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	126.4	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





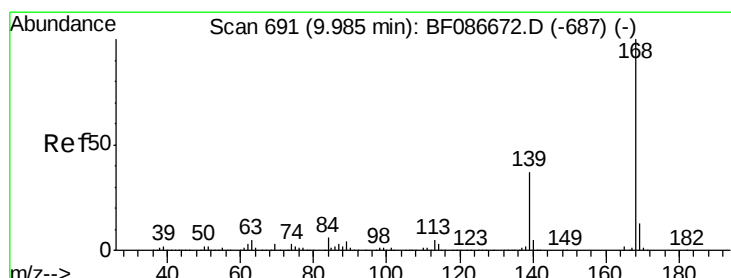
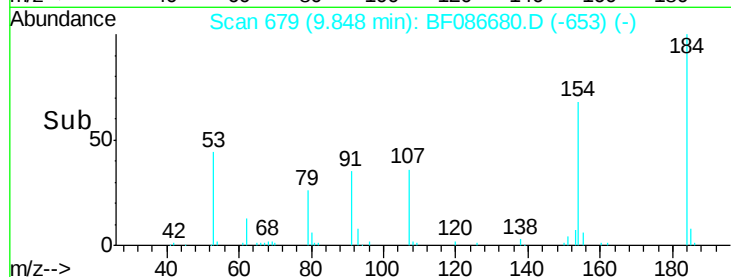
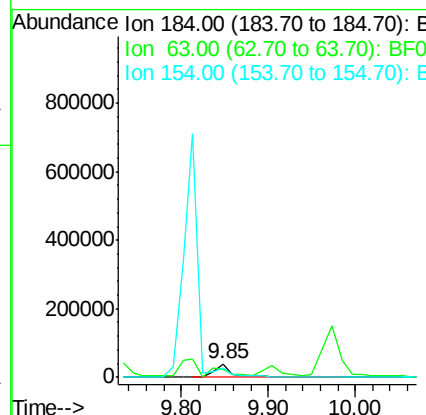
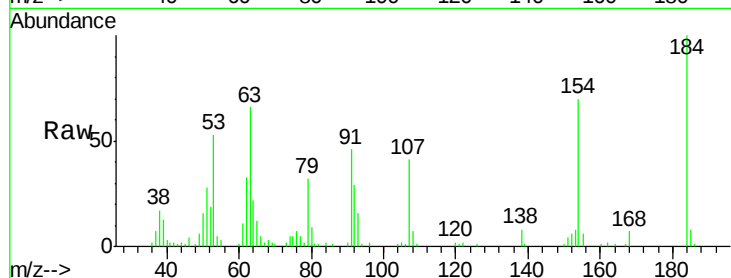
#53
 2,4-Dinitrophenol
 Concen: 45.03 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	62952		
63	65.8	55.8	83.8	
154	69.6	62.4	93.6	

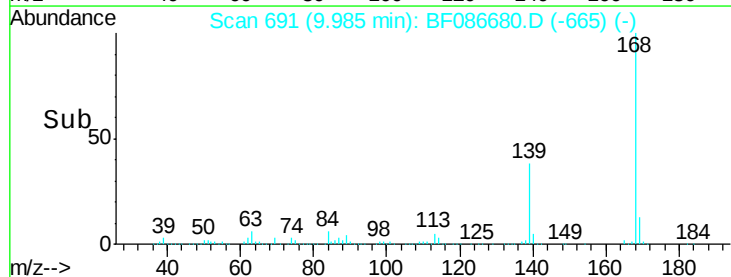
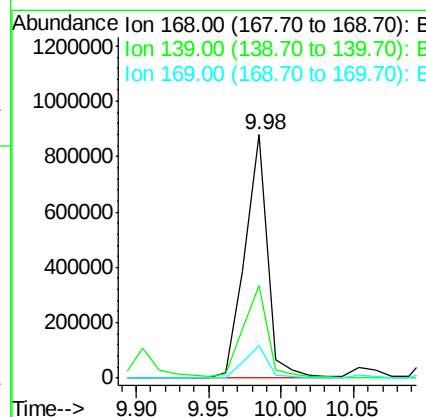
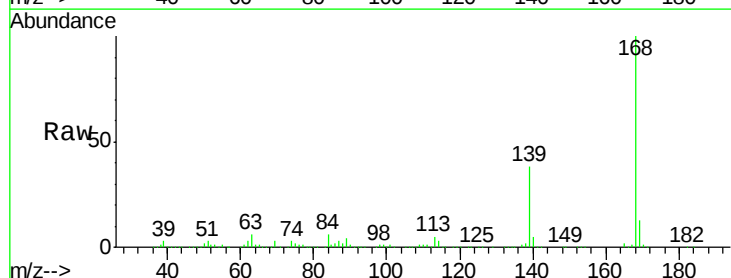
Manual Integrations
 APPROVED

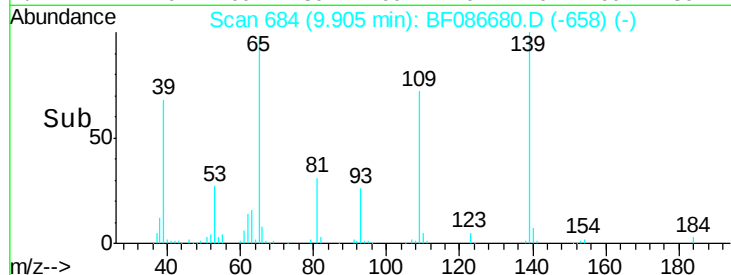
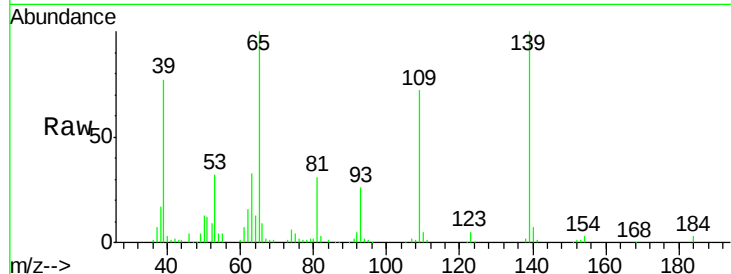
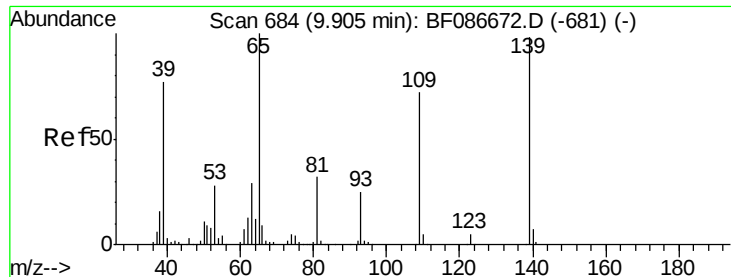
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#54
 Dibenzofuran
 Concen: 41.02 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	964913		
139	38.2	31.4	47.0	
169	13.4	10.7	16.1	





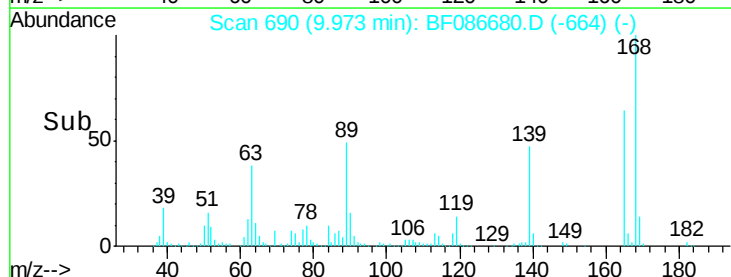
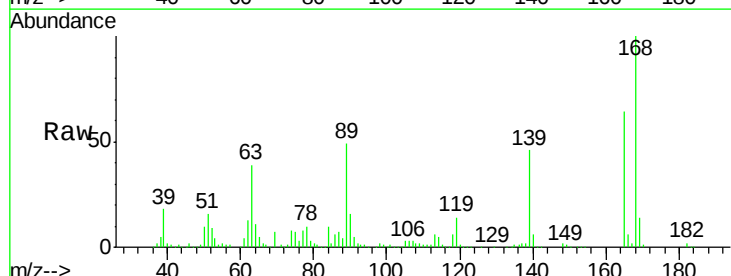
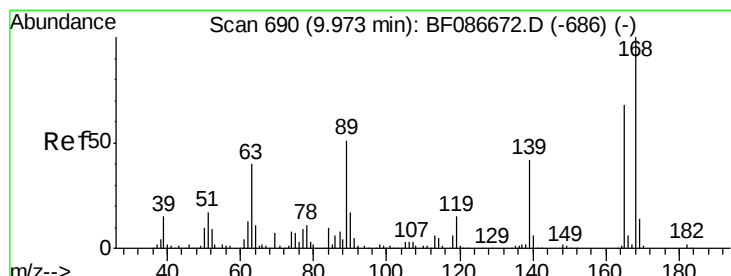
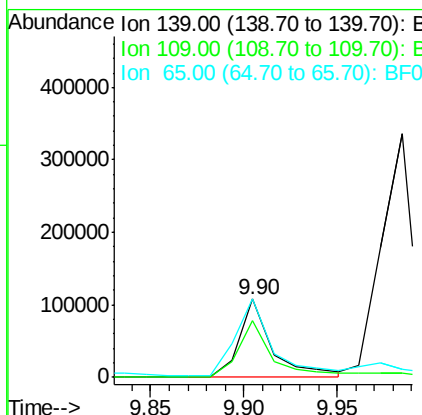
#55
4-Nitrophenol
Concen: 41.42 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tot Ion	Ratio	Resp	Lower	Upper
139	100	134902		
109	72.5	36.9	76.9	
65	99.6	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

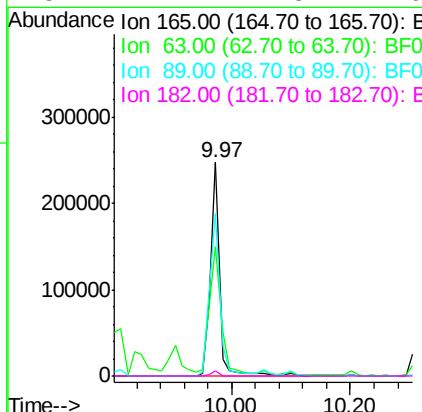
Manual Integrations
APPROVED

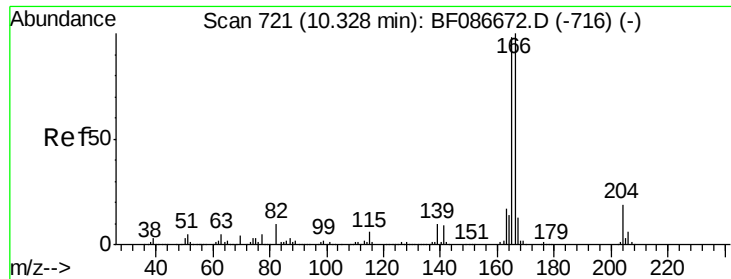
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#56
2,4-Dinitrotoluene
Concen: 43.60 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	265543		
63	60.3	44.3	66.5	
89	76.0	70.0	105.0	
182	2.4	1.8	2.6	





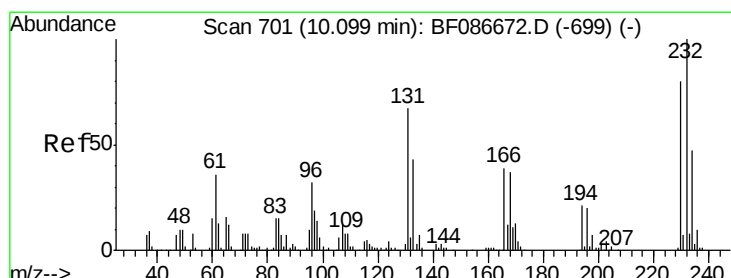
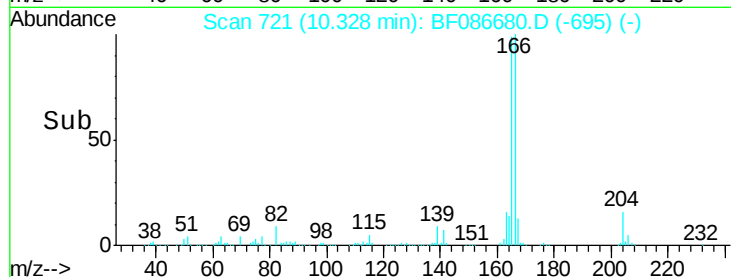
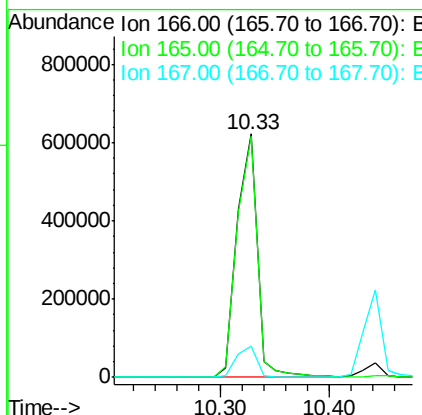
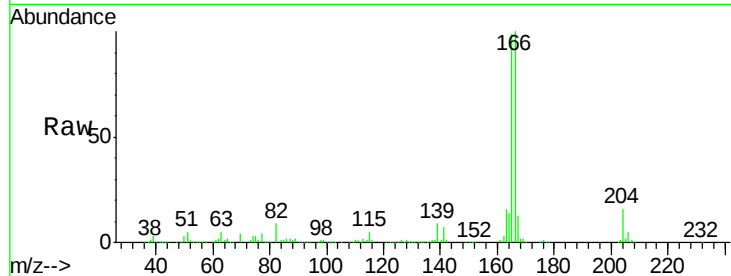
#57
 Fluorene
 Concen: 41.80 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	796890		
165	99.1	79.0	118.6	
167	12.8	10.6	15.8	

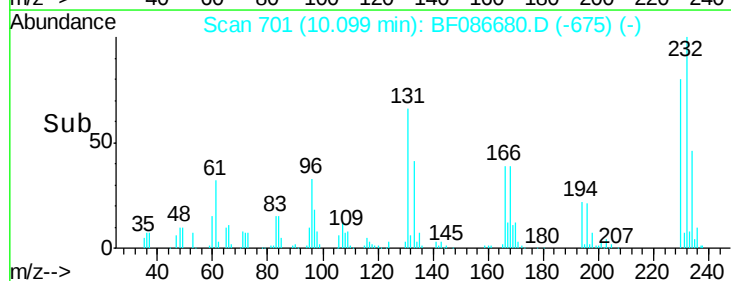
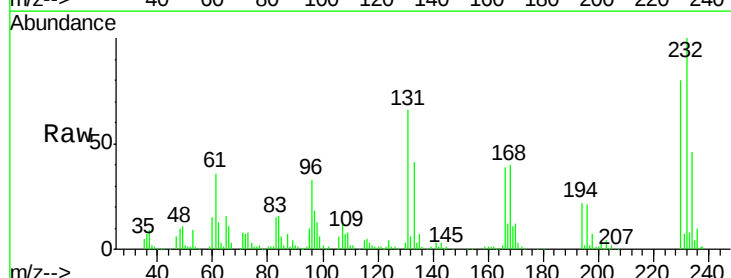
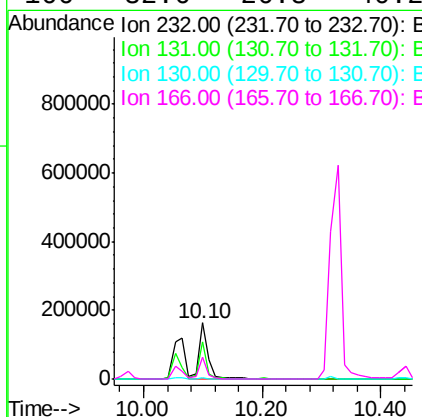
Manual Integrations
 APPROVED

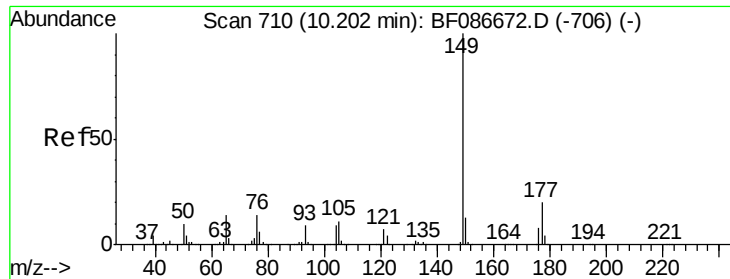
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.39 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179583		
131	56.0	41.9	62.9	
130	2.8	2.2	3.4	
166	32.6	26.8	40.2	





#59

Diethylphthalate

Concen: 38.36 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

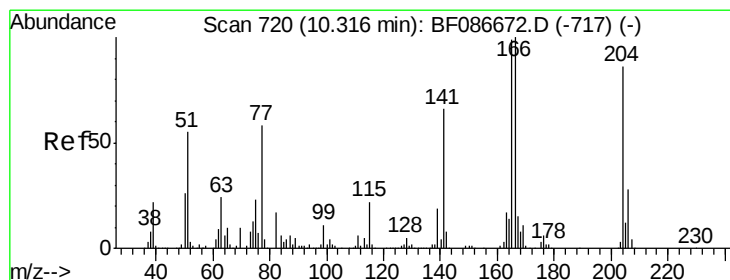
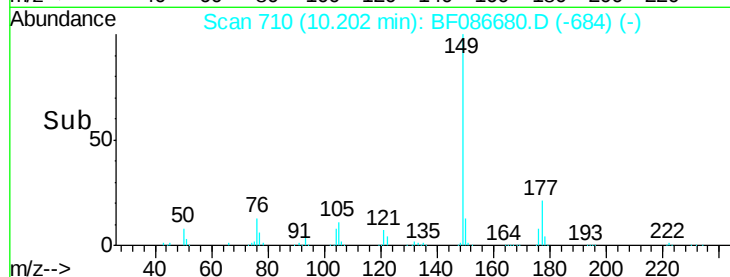
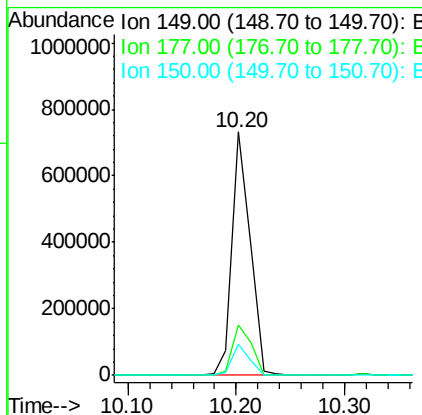
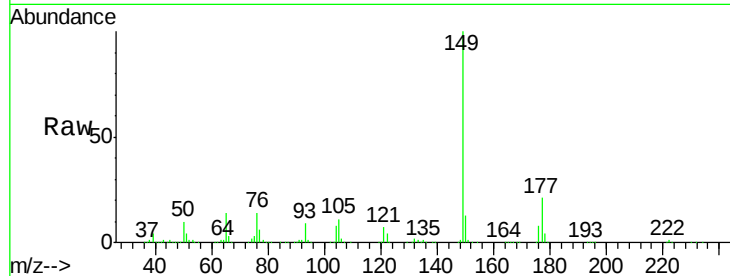
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	831504
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.6	24.8
150	12.9	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 39.03 ng

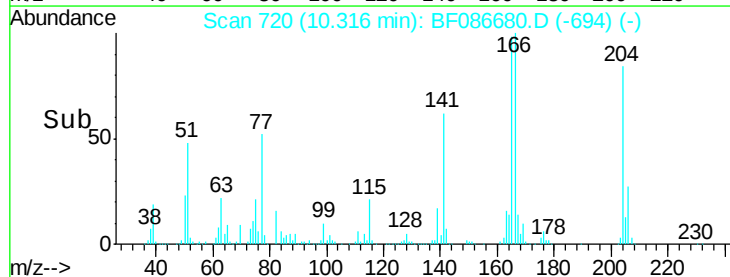
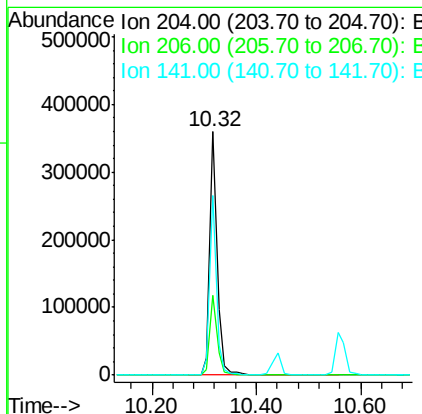
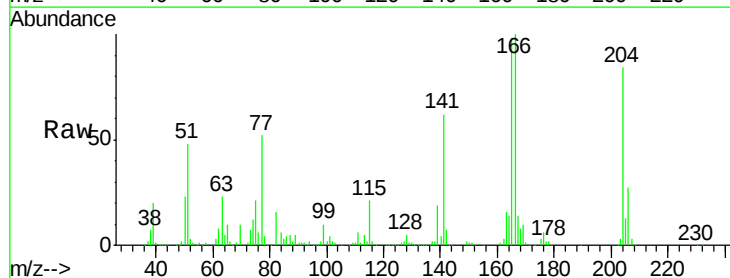
RT: 10.32 min Scan# 720

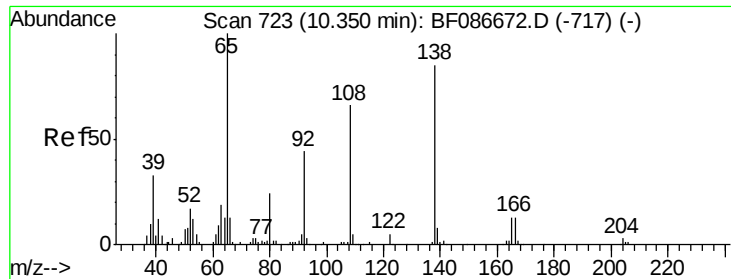
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	204	Resp:	353717
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.4	38.0
141	74.0	61.6	92.4





#61

4-Nitroaniline

Concen: 41.75 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

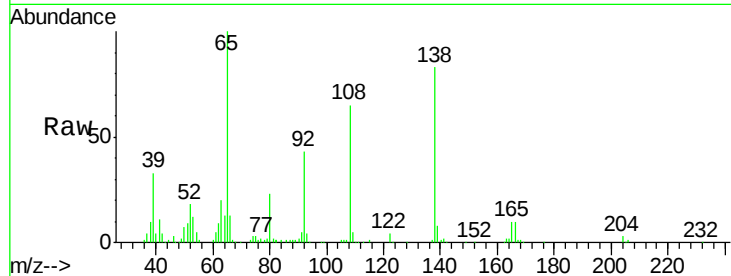
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	224130
Ion Ratio	Lower	Upper	
138	100		
92	51.7	24.7	64.7
108	78.0	37.4	77.4

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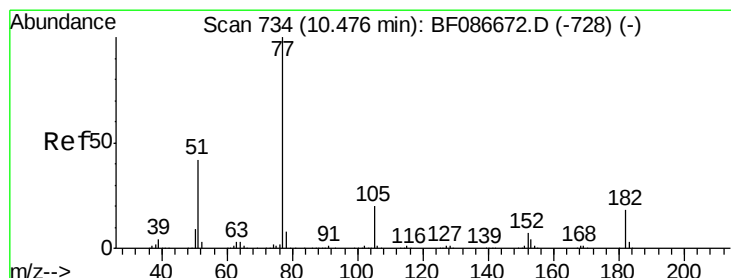
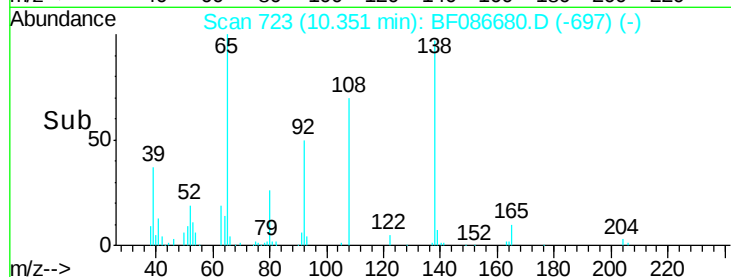
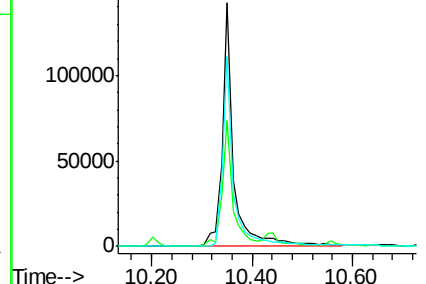
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.68 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

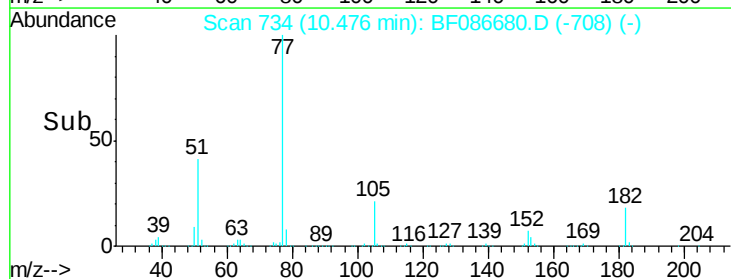
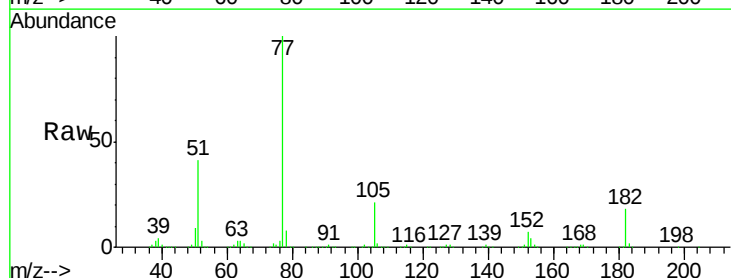
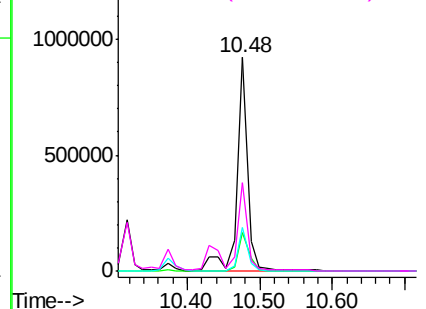
Tgt Ion:	77	Resp:	928935
Ion Ratio	Lower	Upper	
77	100		
182	18.2	0.0	38.8
105	20.6	3.2	43.2
51	41.5	8.8	48.8

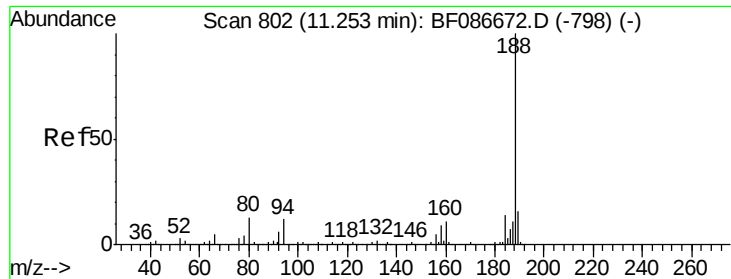
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





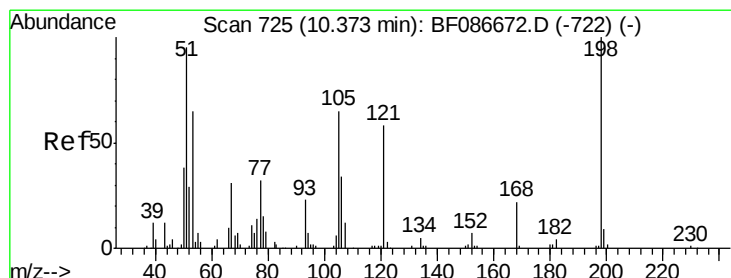
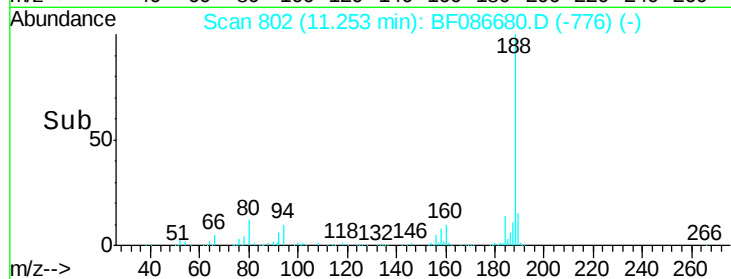
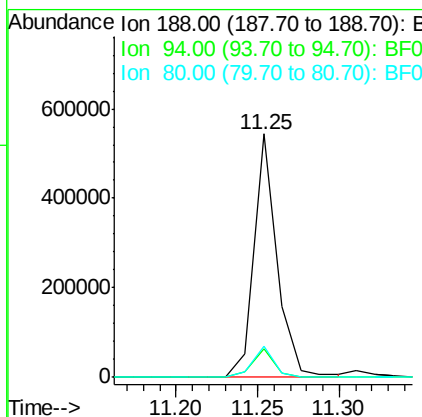
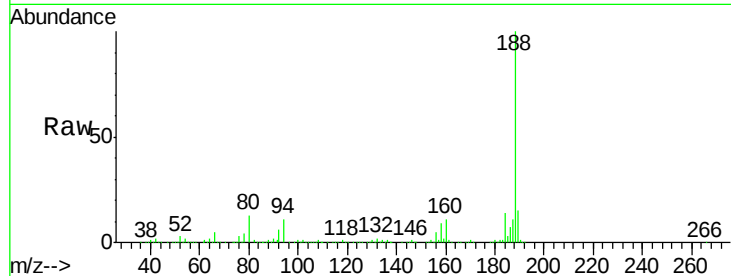
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	538313		
94	11.5	6.8	10.2#	
80	12.5	7.1	10.7#	

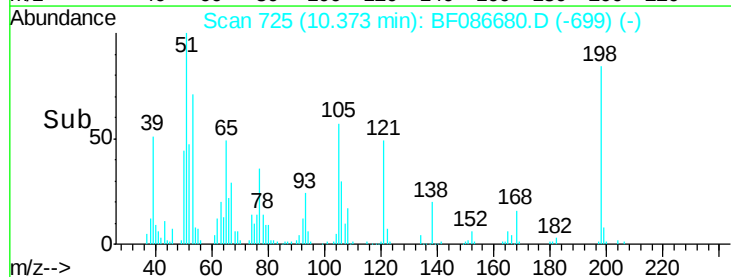
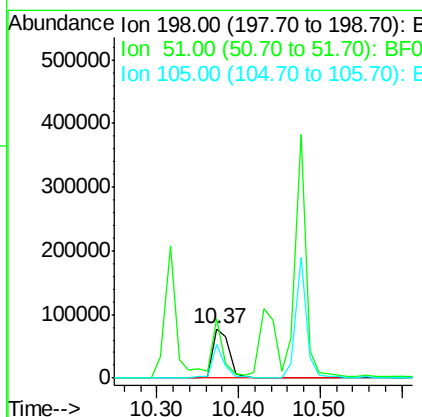
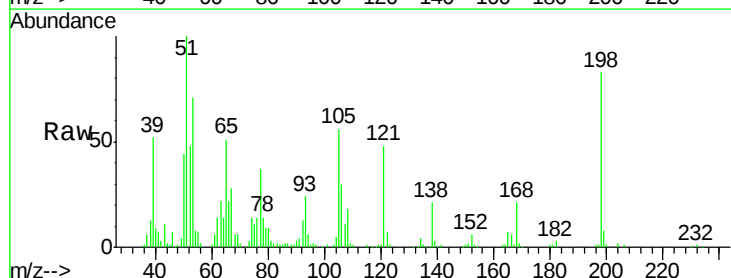
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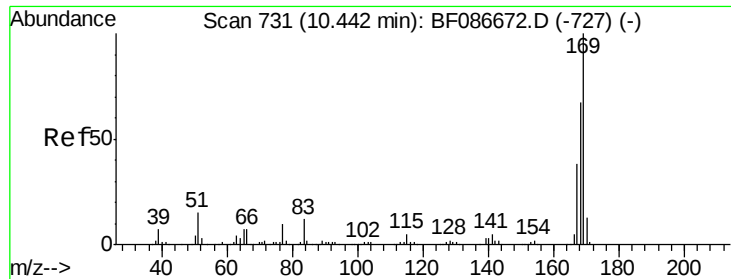
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.88 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111959		
51	120.0	20.5	60.5#	
105	67.8	24.5	64.5#	





#65

n-Nitrosodiphenylamine

Concen: 40.84 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

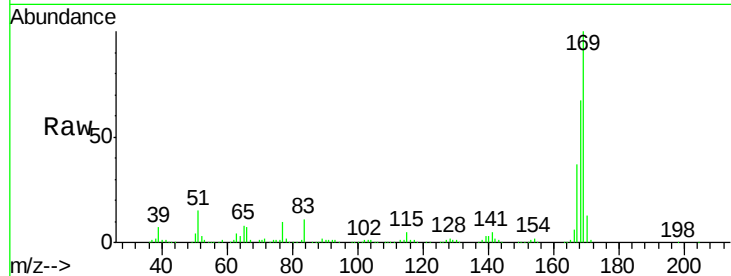
ClientSampleId :

SSTDCCC040

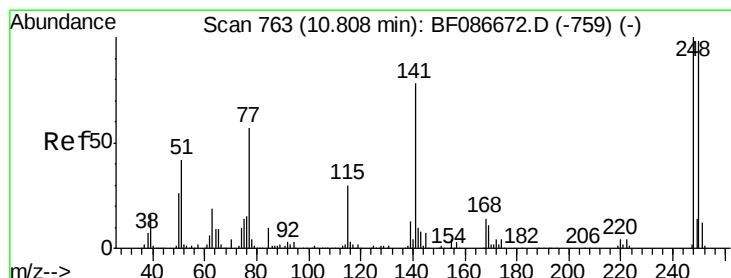
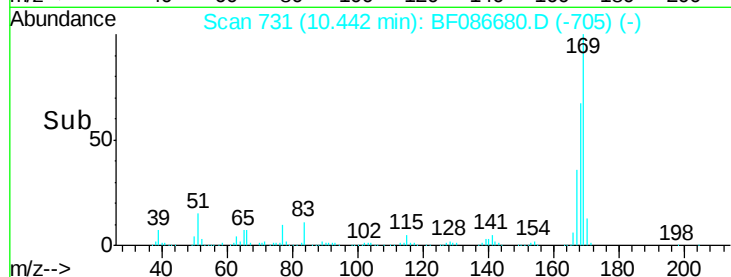
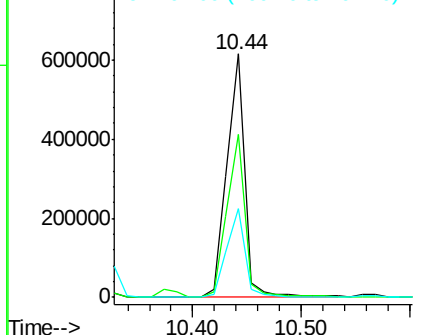
Tot Ion:	169	Resp:	698126
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.8	80.6
167	36.5	29.5	44.3

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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: 41.19 ng

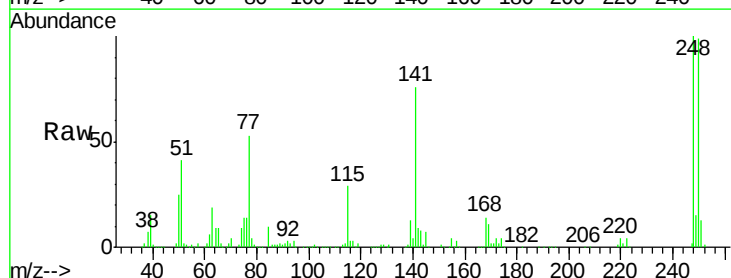
RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

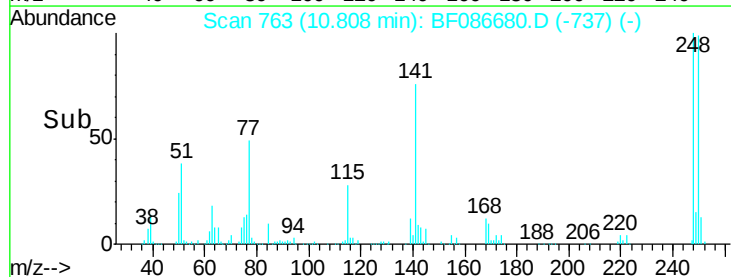
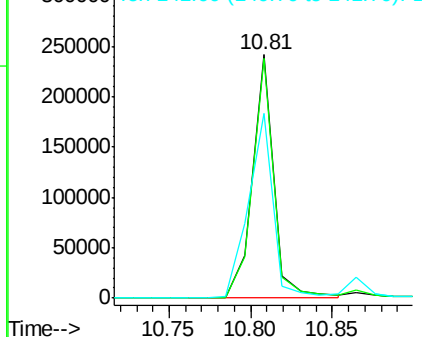
Lab File: BF086680.D

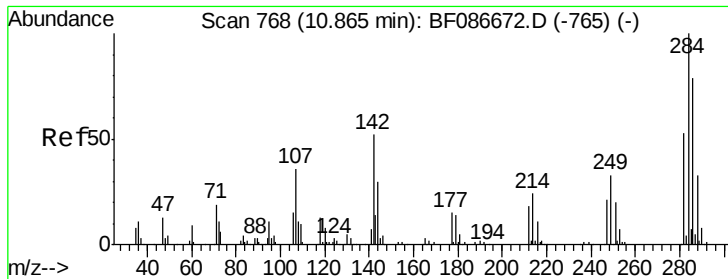
Acq: 4 May 2016 16:50

Tgt Ion:	248	Resp:	220337
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.6	117.8
141	76.1	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: 37.43 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

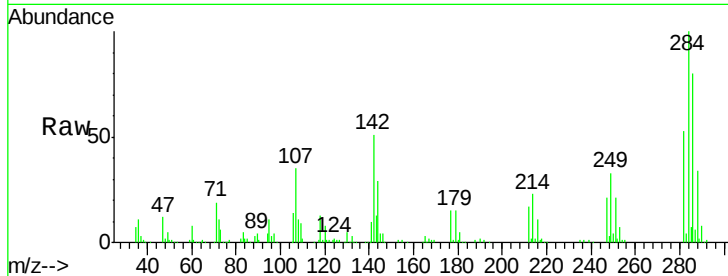
ClientSampleId :

SSTDCCC040

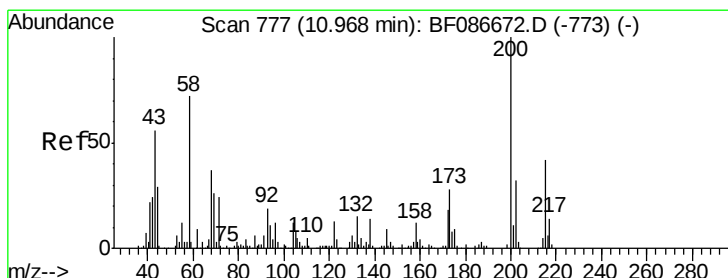
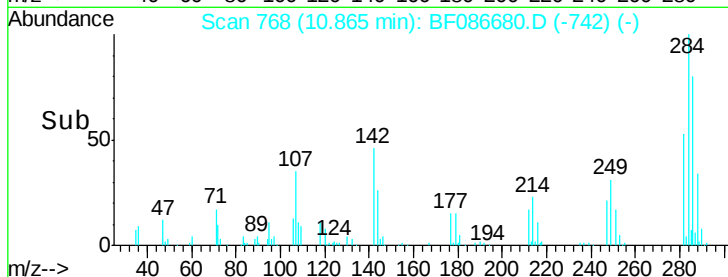
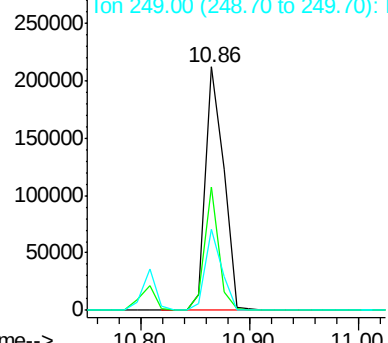
Tot Ion:	284	Resp:	244168
Ion Ratio	Lower	Upper	
284	100		
142	50.8	16.7	25.1#
249	33.3	21.3	31.9#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.58 ng

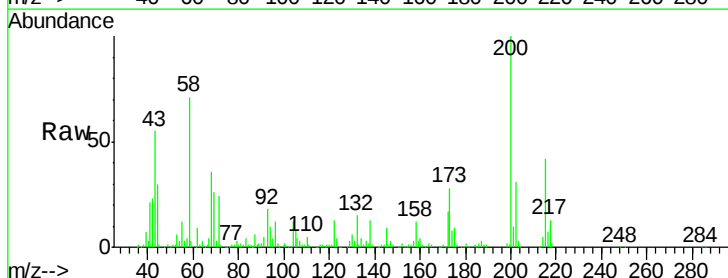
RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

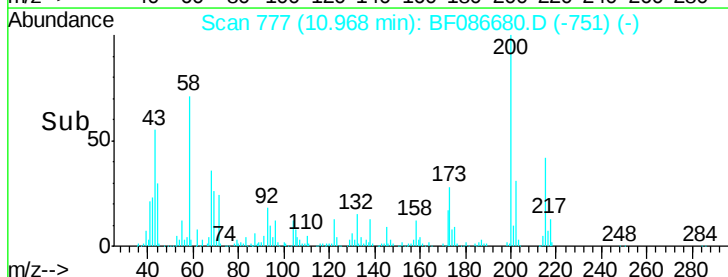
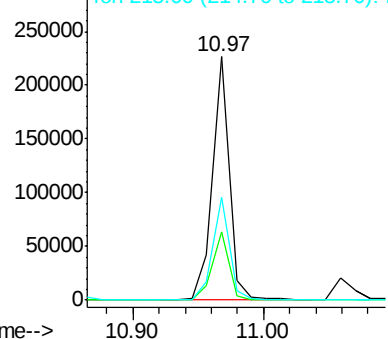
Lab File: BF086680.D

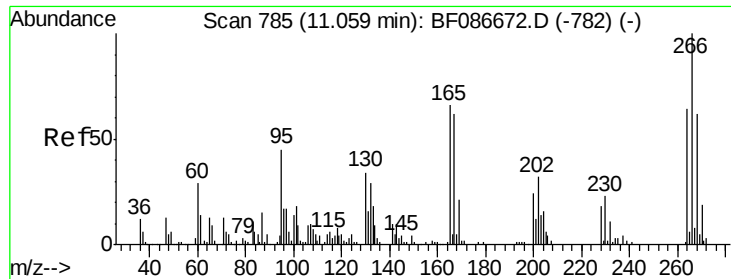
Acq: 4 May 2016 16:50

Tgt Ion:	200	Resp:	202083
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.5	48.5
215	42.5	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





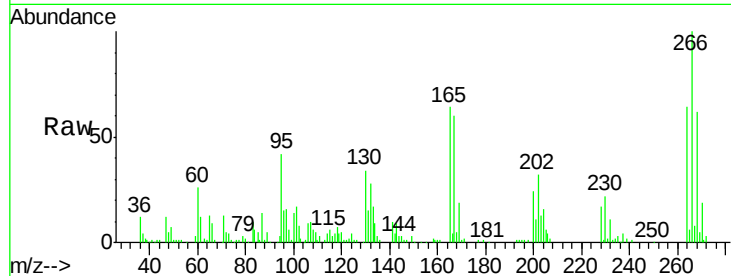
#69
 Pentachlorophenol
 Concen: 41.35 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

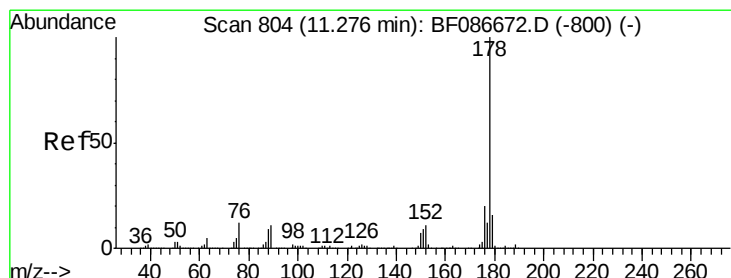
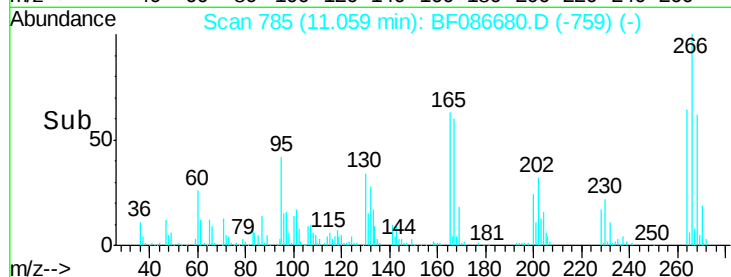
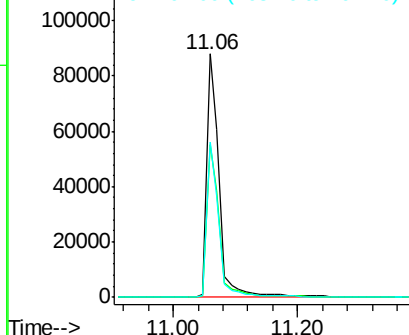
Tot Ion	Ratio	Resp	Lower	Upper
266	100	121293		
268	62.5	51.5	77.3	
264	63.7	52.9	79.3	

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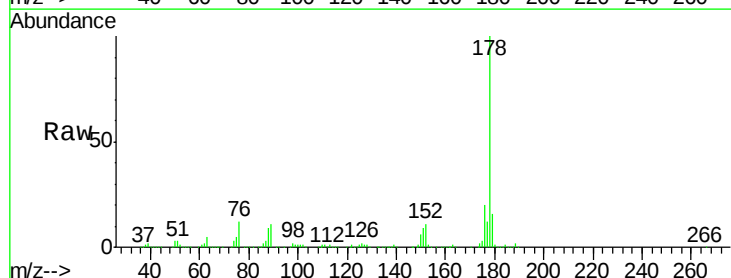


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

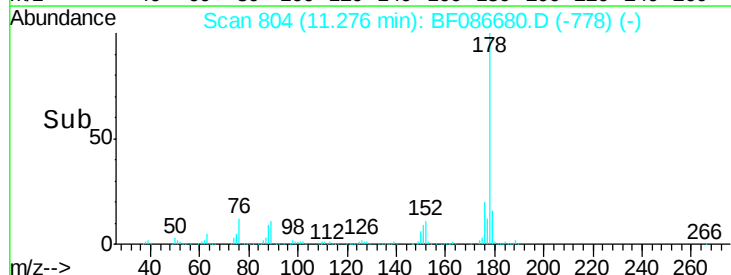
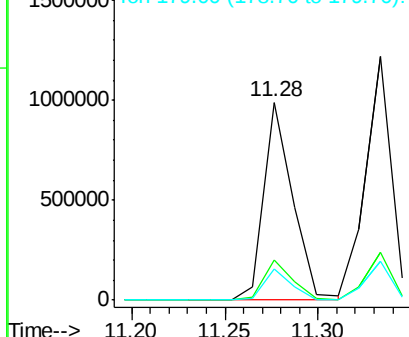


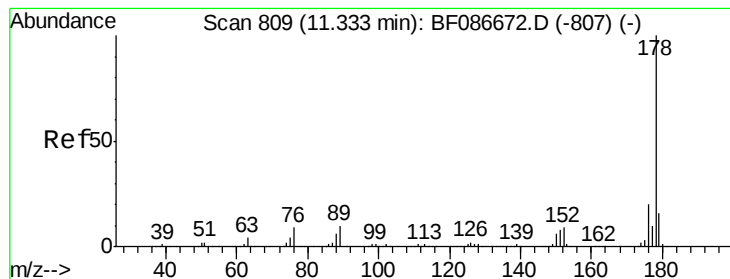
#70
 Phenanthrene
 Concen: 37.44 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1082542		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	



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





#71

Anthracene

Concen: 41.59 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1259343

Ion Ratio Lower Upper

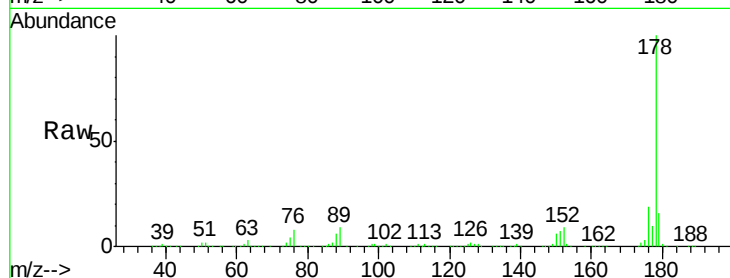
178 100

176 19.4 15.6 23.4

179 15.8 12.7 19.1

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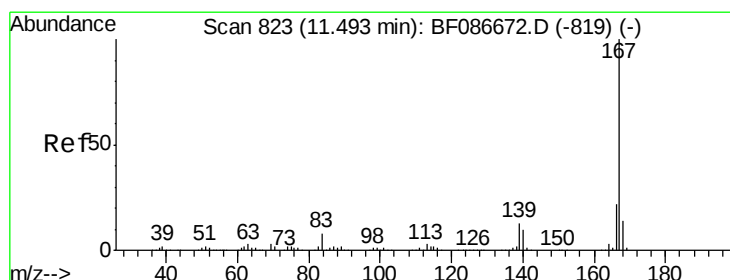
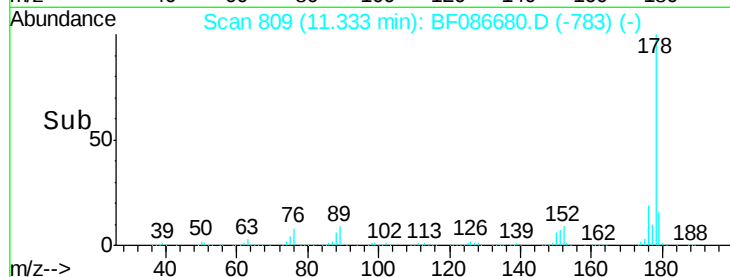
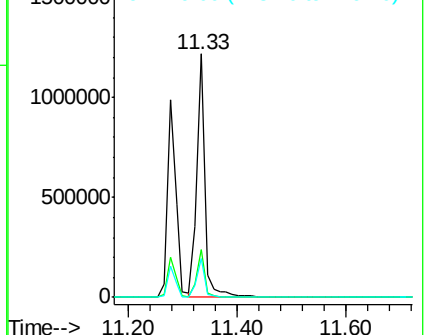
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.79 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

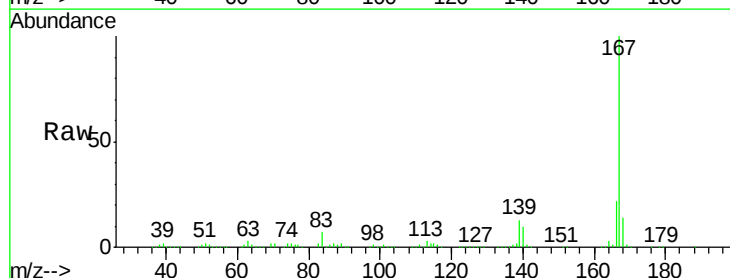
Tgt Ion:167 Resp: 1098935

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

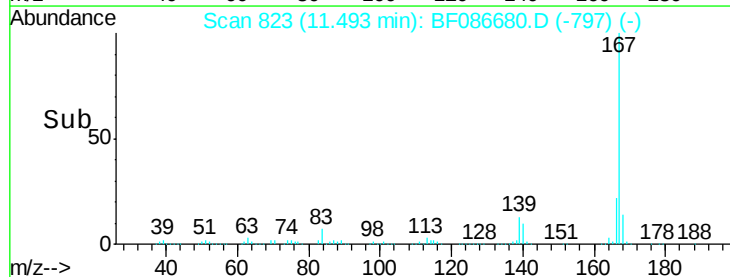
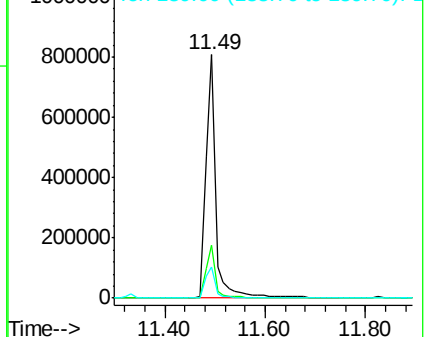
139 12.9 10.8 16.2

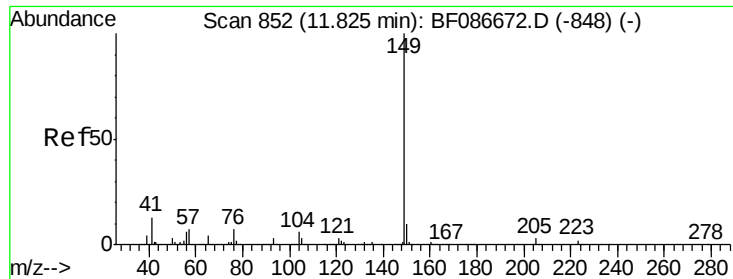


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1181480

Ion Ratio Lower Upper

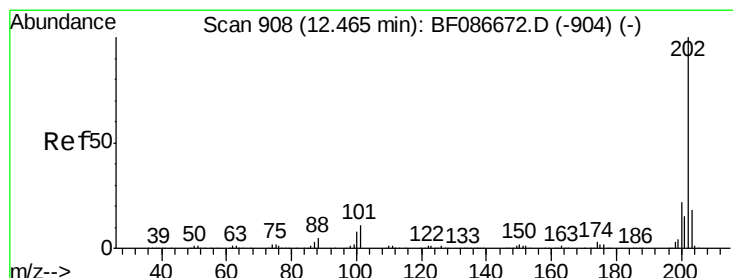
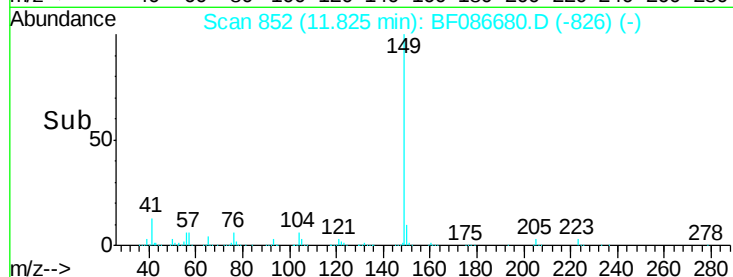
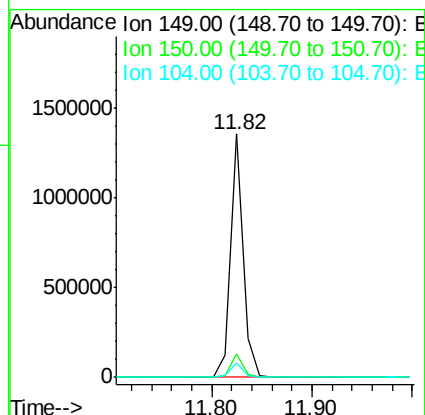
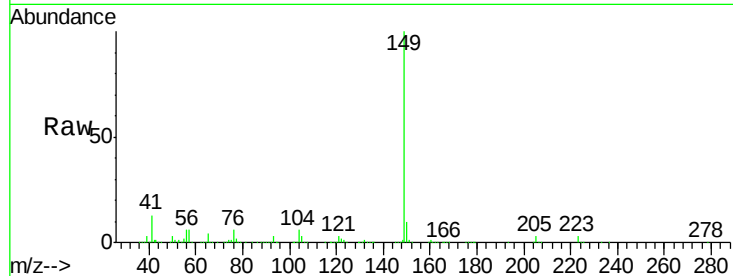
149 100

150 9.7 7.6 11.4

104 5.9 3.8 5.6#

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#74

Fluoranthene

Concen: 41.88 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

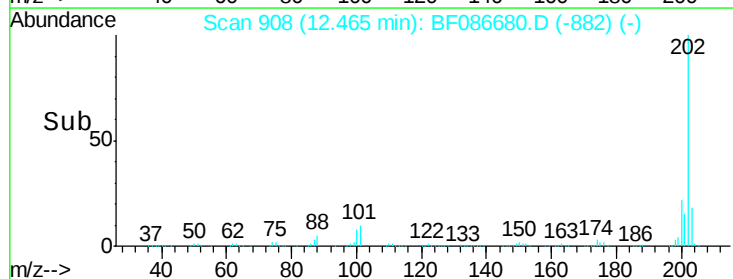
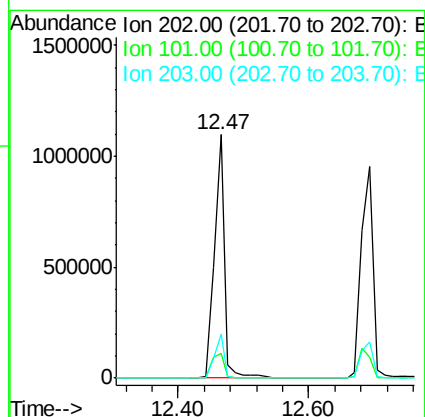
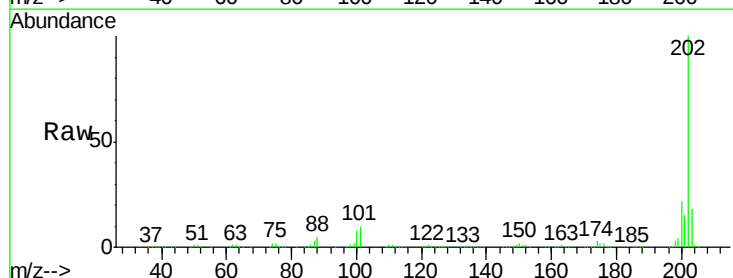
Tgt Ion:202 Resp: 1213492

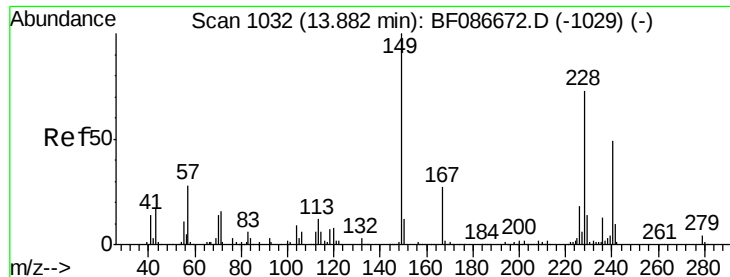
Ion Ratio Lower Upper

202 100

101 10.3 0.0 35.4

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

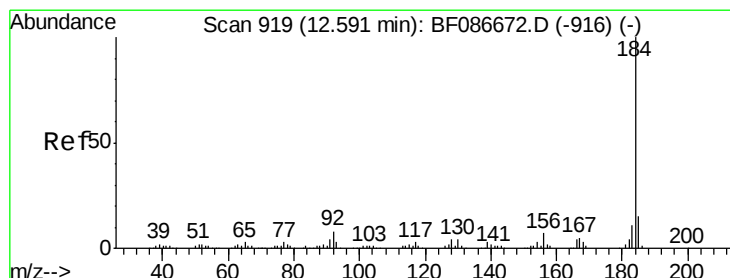
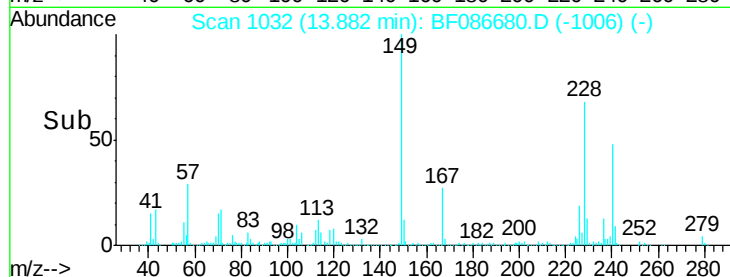
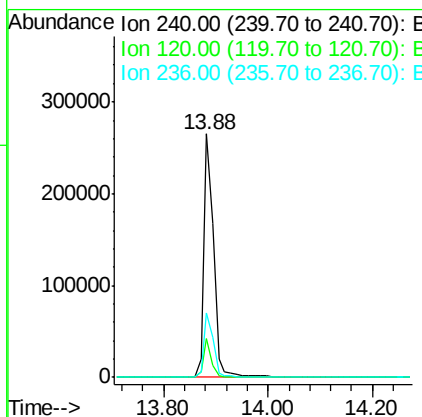
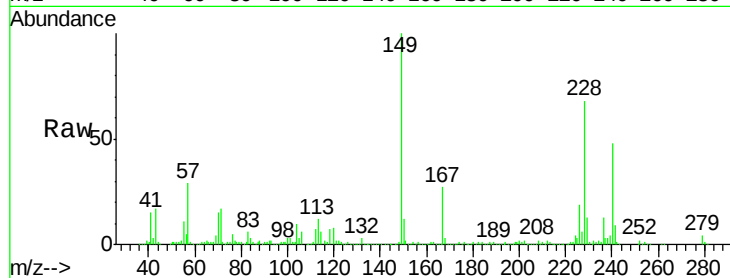
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	344268
Ion Ratio	Lower	Upper	
240	100		
120	16.0	11.2	16.8
236	26.5	21.2	31.8

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#76

Benzidine

Concen: 48.96 ng

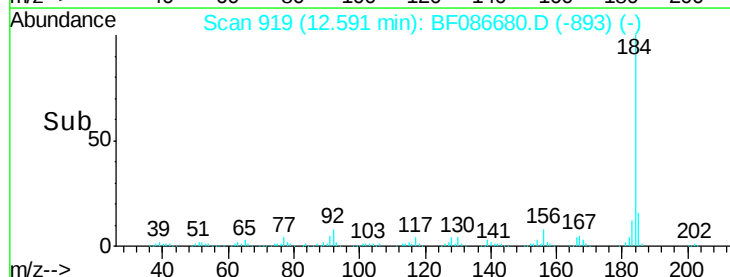
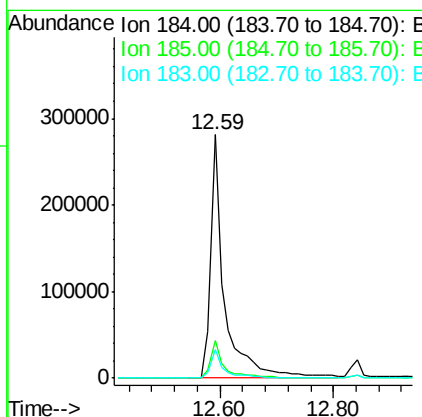
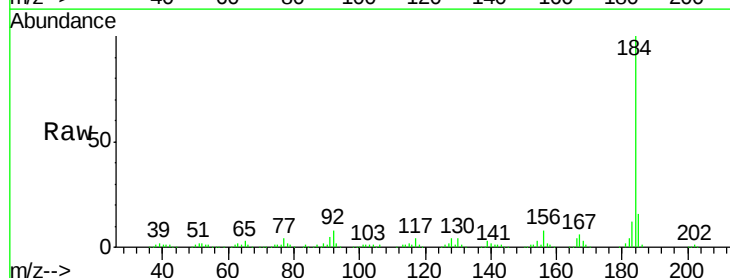
RT: 12.59 min Scan# 919

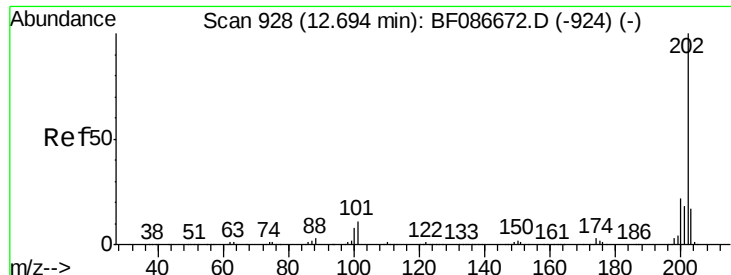
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	184	Resp:	463276
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.6	20.4
183	11.6	9.8	14.6





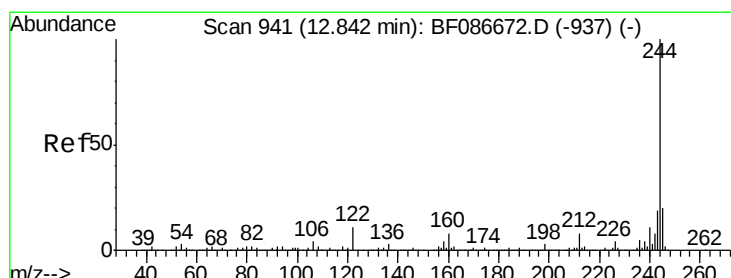
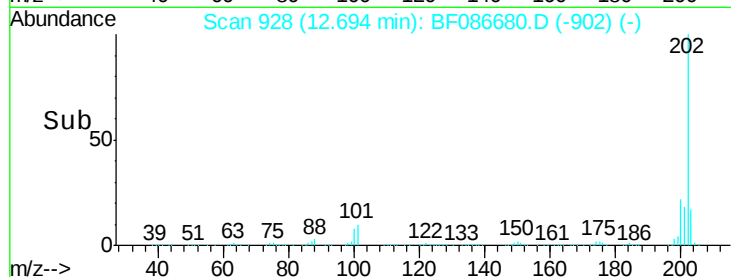
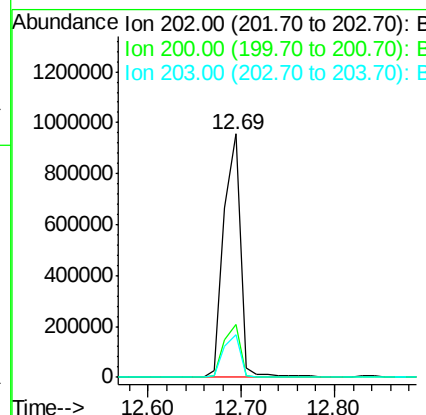
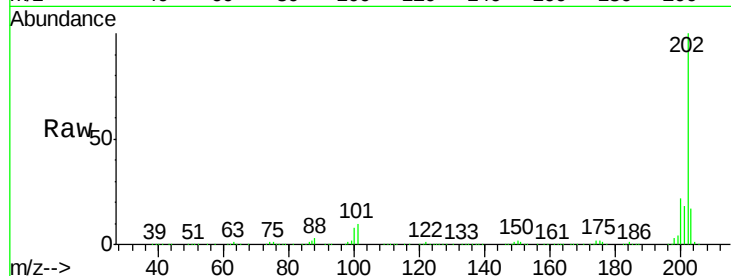
#77
Pvrene
Concen: 43.02 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.4	14.2	21.4

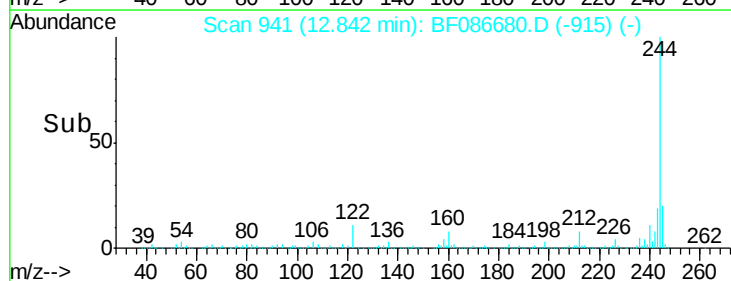
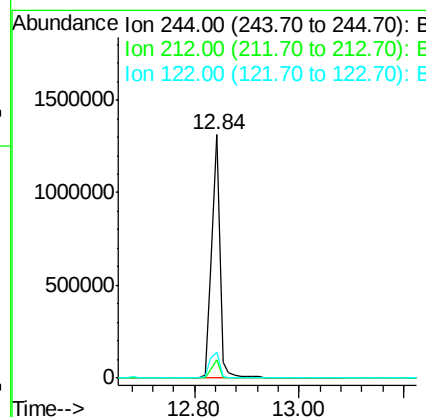
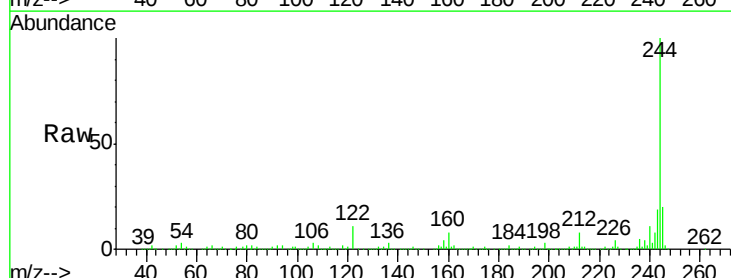
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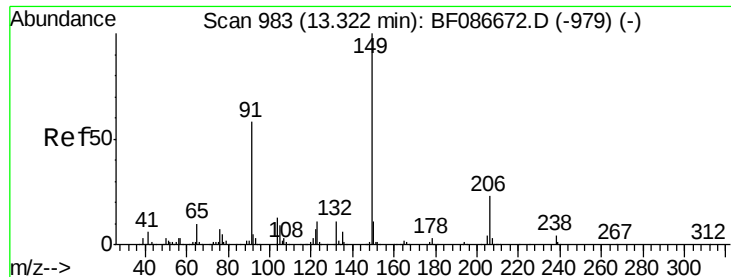
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#78
Terphenyl-d14
Concen: 84.59 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.7	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 44.02 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

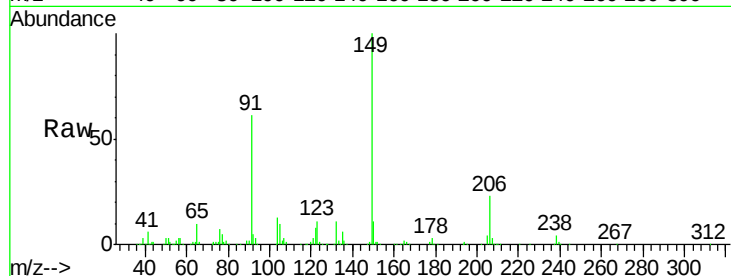
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	506057
Ion Ratio	Lower	Upper	
149	100		
91	60.8	48.0	72.0
206	22.6	15.8	23.6

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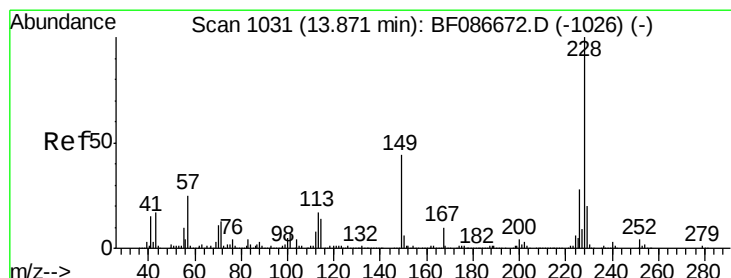
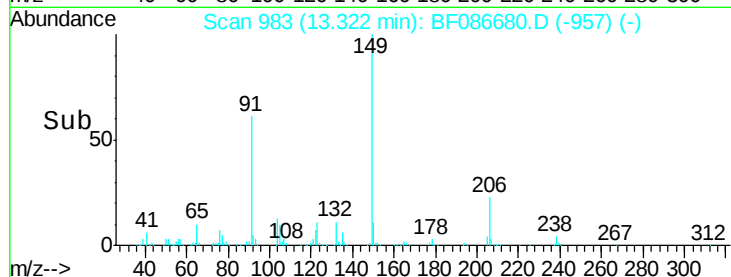
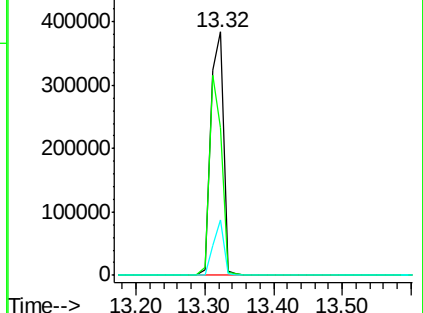
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.93 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF086680.D

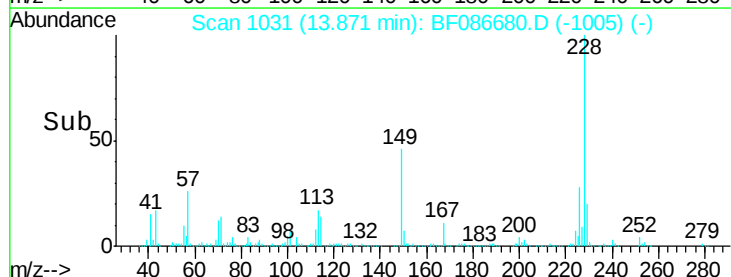
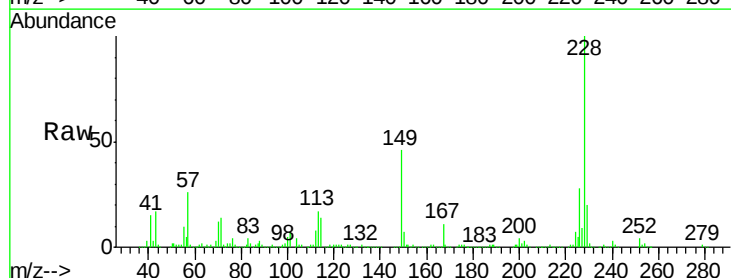
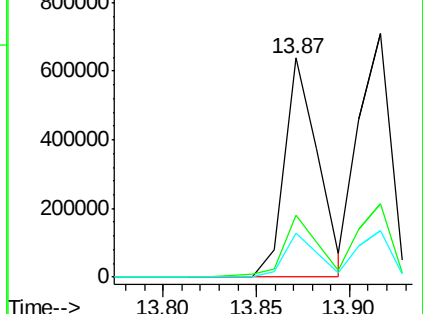
Acq: 4 May 2016 16:50

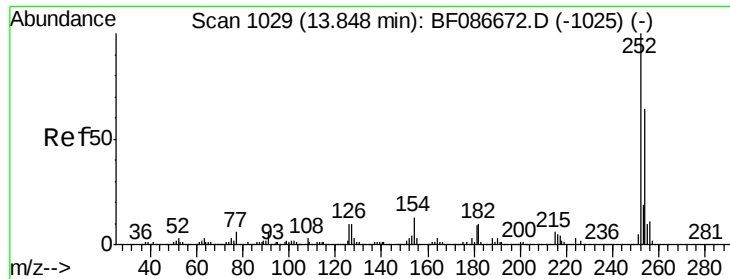
Tgt Ion:	228	Resp:	796941
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.5	33.7
229	20.3	16.6	25.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





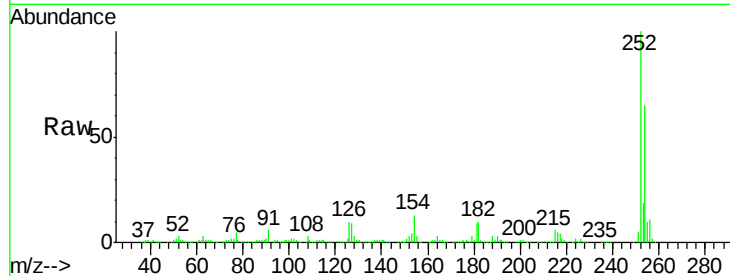
#81
 3,3'-Dichlorobenzidine
 Concen: 51.49 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

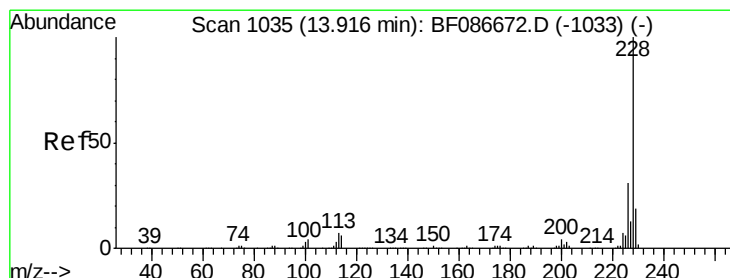
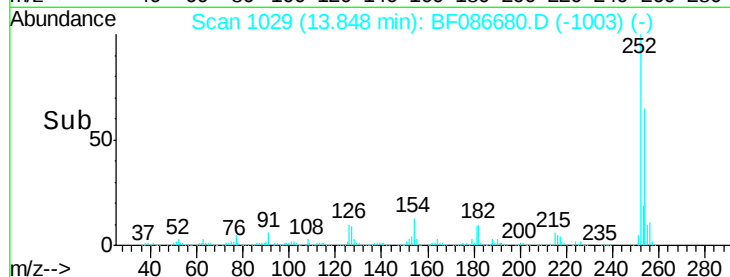
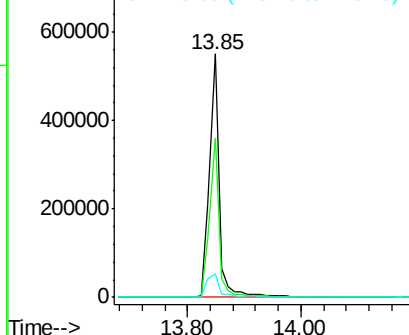
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.7	76.1
126	9.8	12.7	19.1

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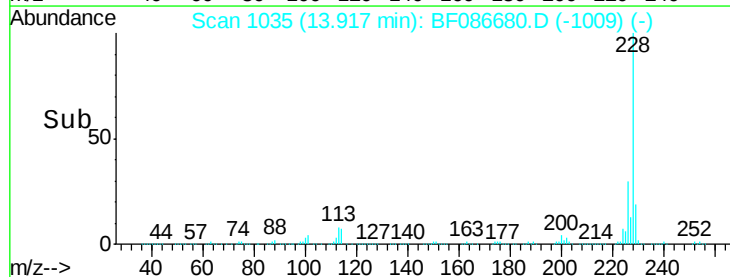
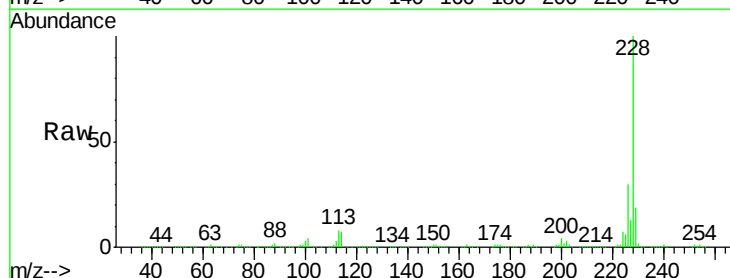
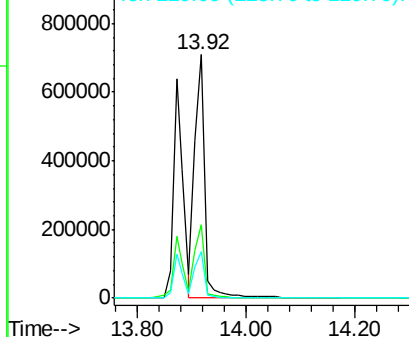
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

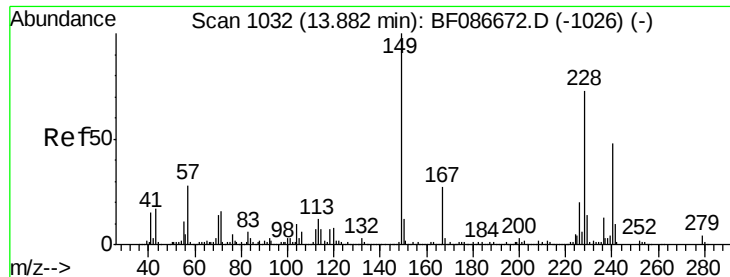


#82
 Chrysene
 Concen: 43.25 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.2	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.05 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

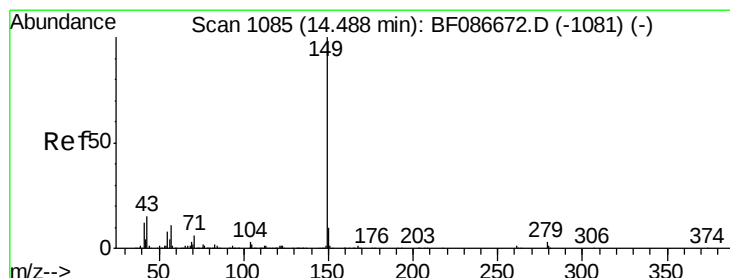
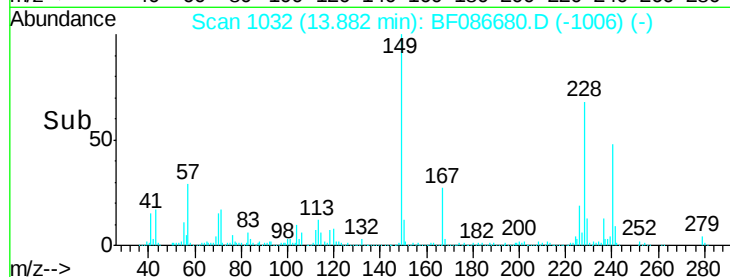
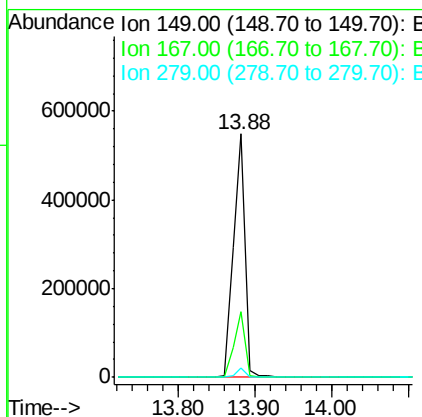
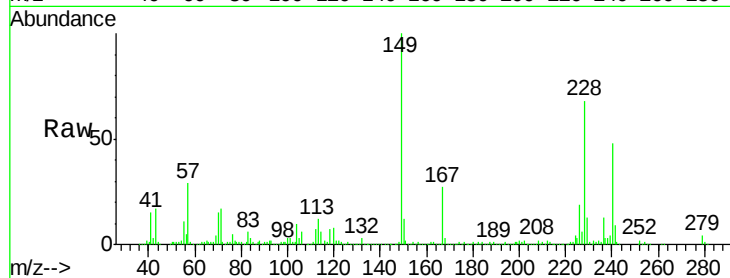
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	599302
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.6
279	3.9	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 47.22 ng

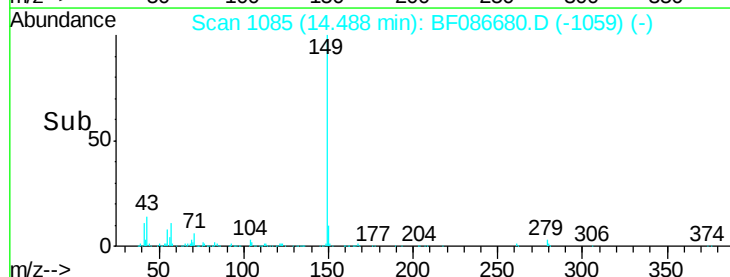
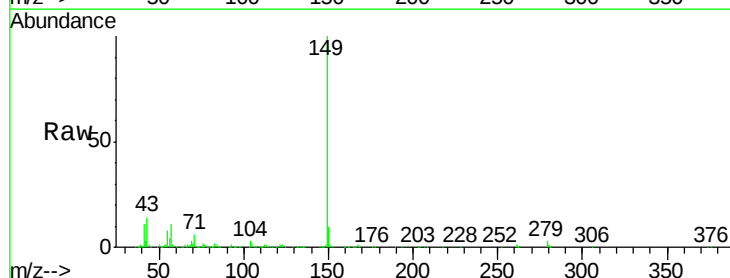
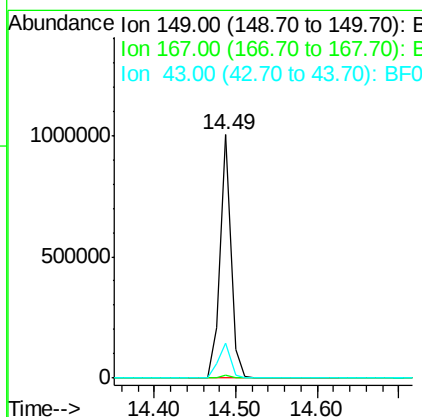
RT: 14.49 min Scan# 1085

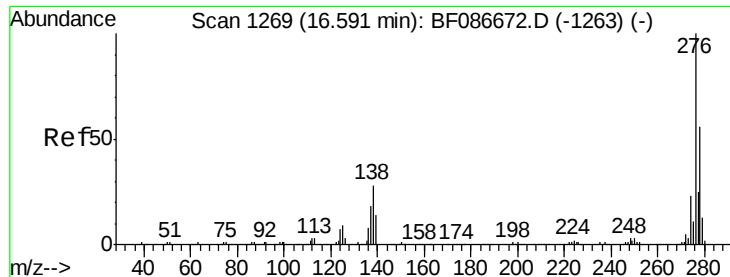
Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	149	Resp:	924321
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	16.3	8.2	12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.68 ng

RT: 16.59 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

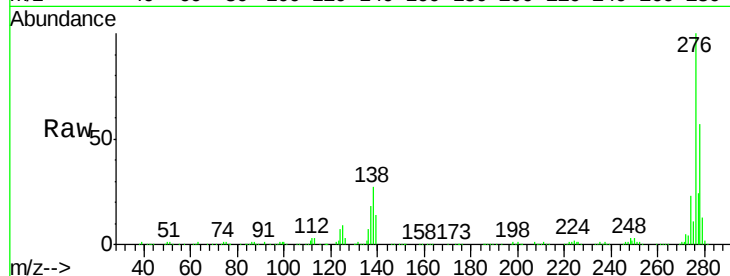
ClientSampleId :

SSTDCCC040

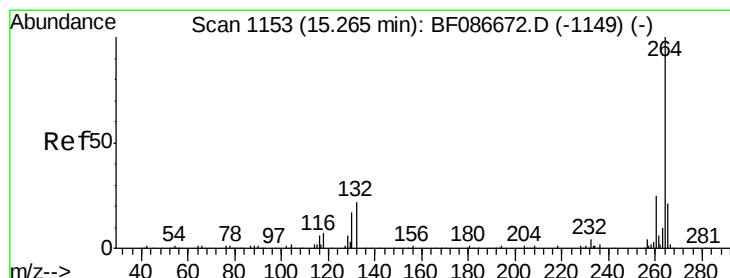
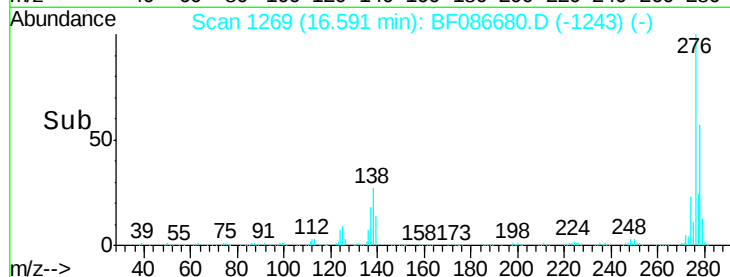
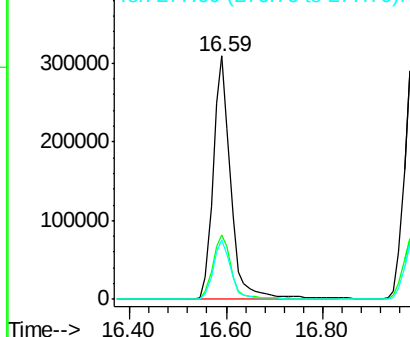
Tot Ion:	276	Resp:	796207
Ion Ratio	Lower	Upper	
276	100		
138	28.6	25.6	38.4
277	25.2	20.5	30.7

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



#86

Perylene-d12

Concen: 40.00 ng

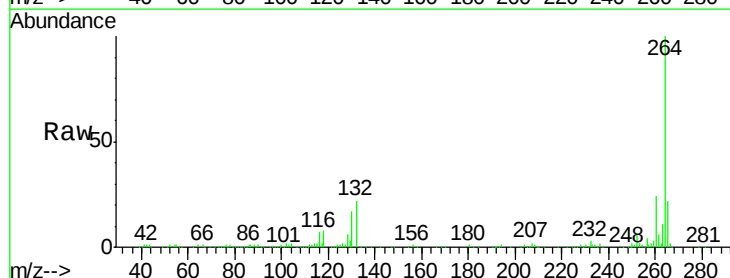
RT: 15.27 min Scan# 1153

Delta R.T. 0.00 min

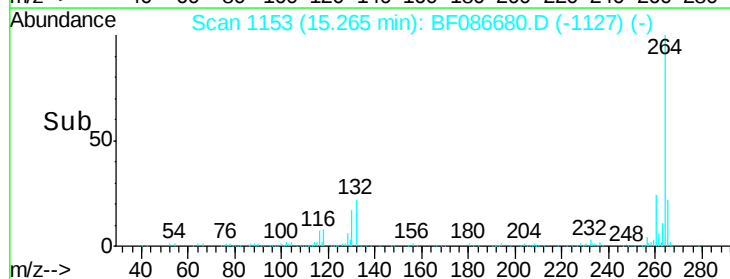
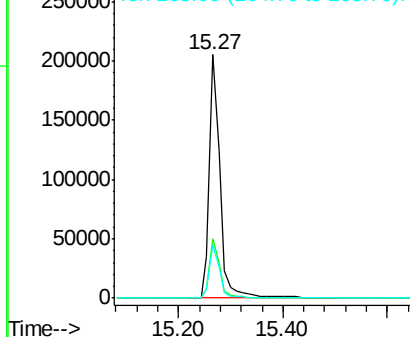
Lab File: BF086680.D

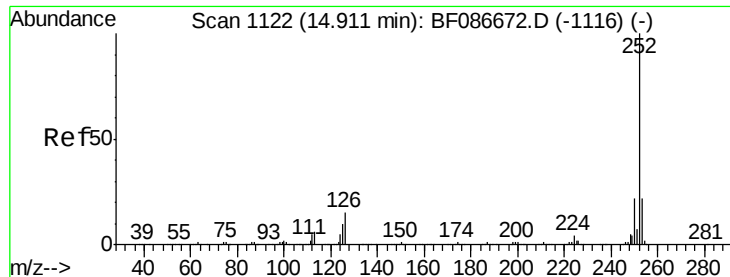
Acq: 4 May 2016 16:50

Tgt Ion:	264	Resp:	292377
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.77 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086680.D

Acq: 4 May 2016 16:50

Instrument :

BNA_F

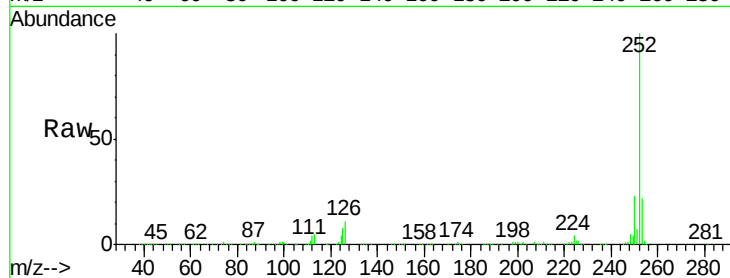
ClientSampleId :

SSTDCCC040

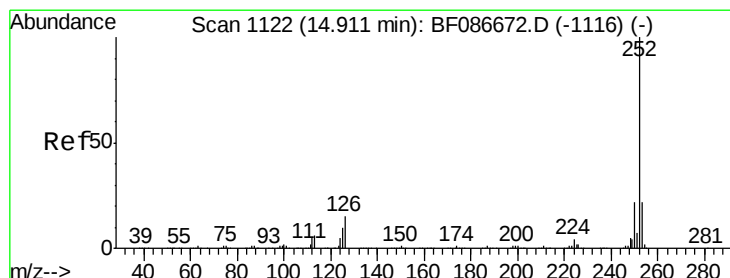
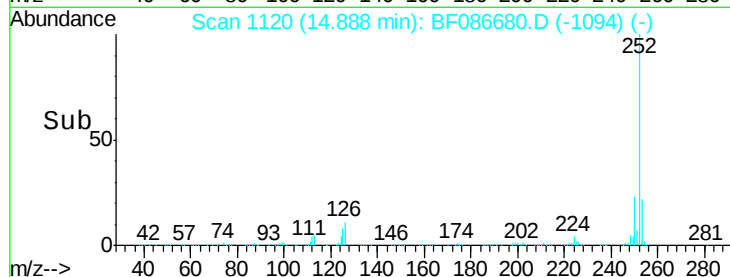
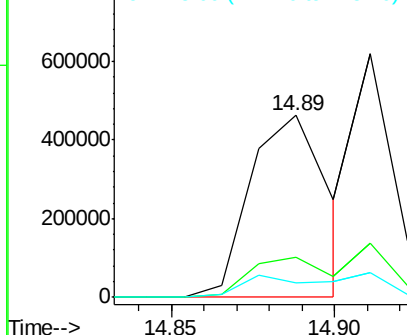
Tot Ion:	252	Resp:	768951
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.1	11.4	17.0

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



#88

Benzo(k)fluoranthene

Concen: 36.27 ng m

RT: 14.91 min Scan# 1122

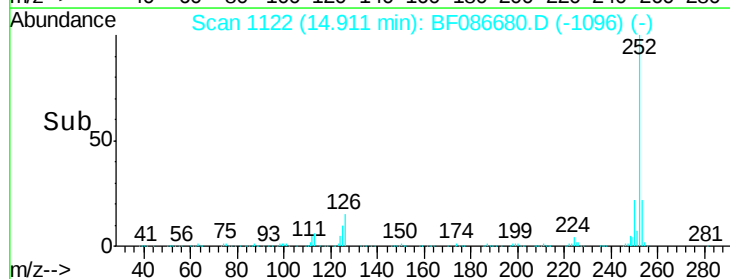
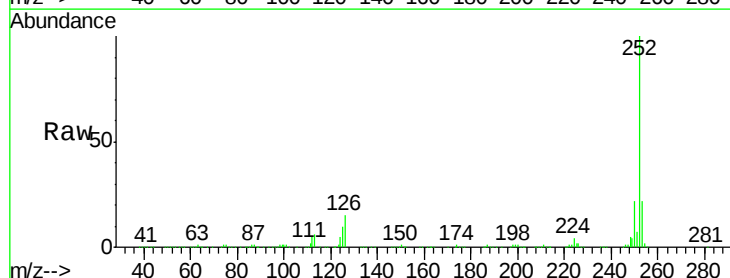
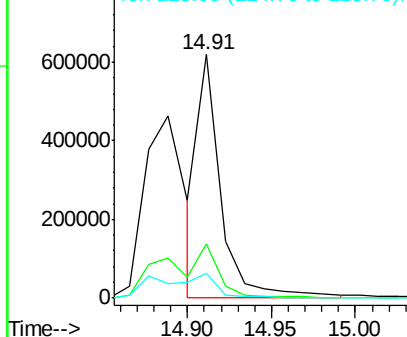
Delta R.T. 0.00 min

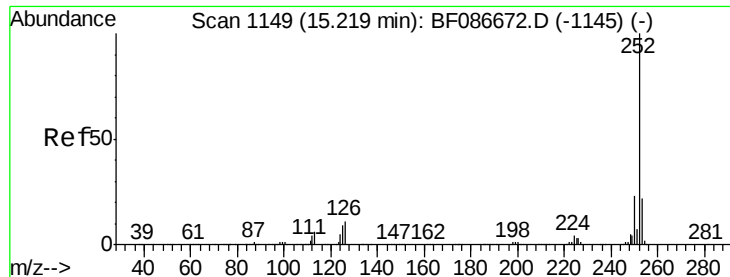
Lab File: BF086680.D

Acq: 4 May 2016 16:50

Tgt Ion:	252	Resp:	600348
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.4	9.1	13.7

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





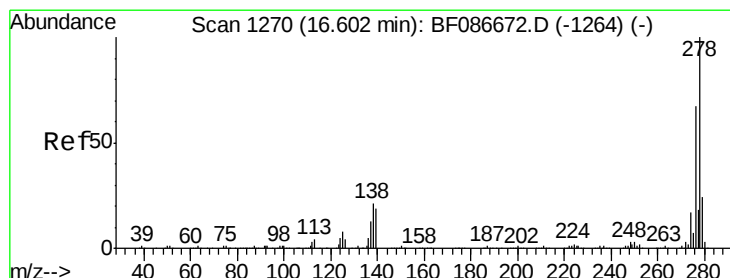
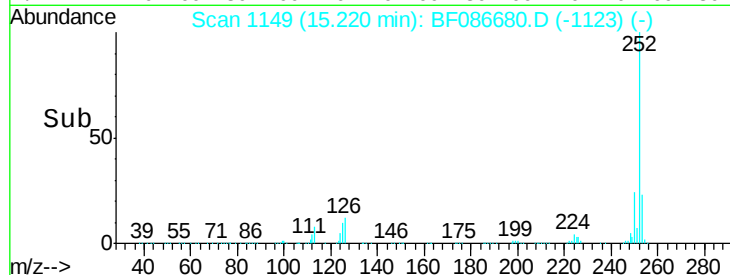
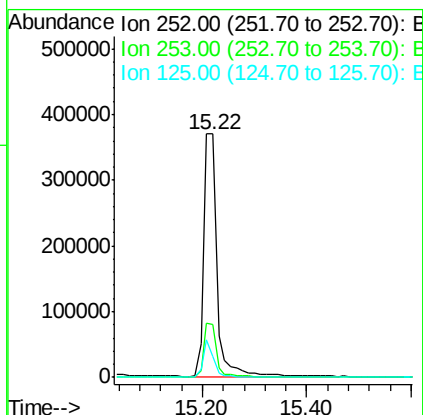
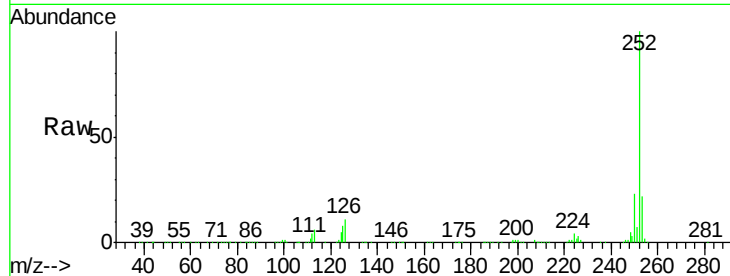
#89
Benzo(a)pyrene
Concen: 40.07 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.5	9.0	13.6

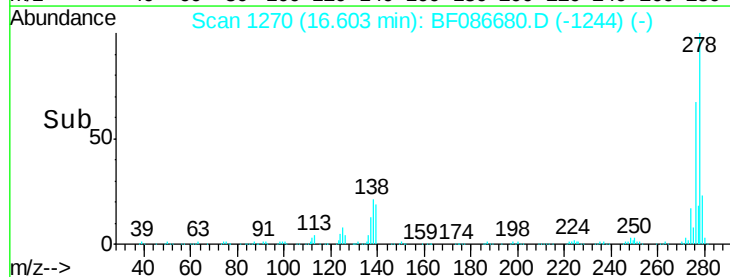
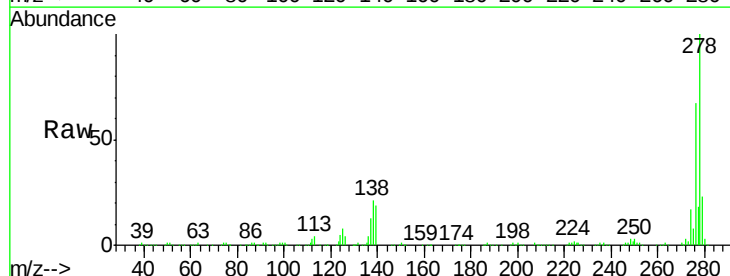
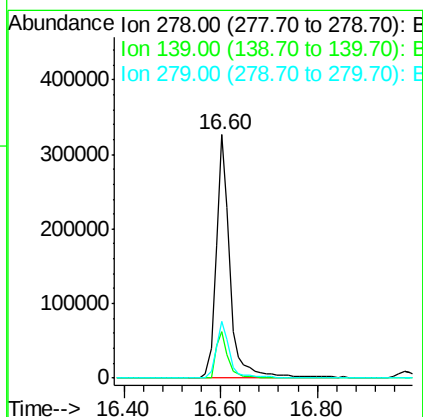
Manual Integrations
APPROVED

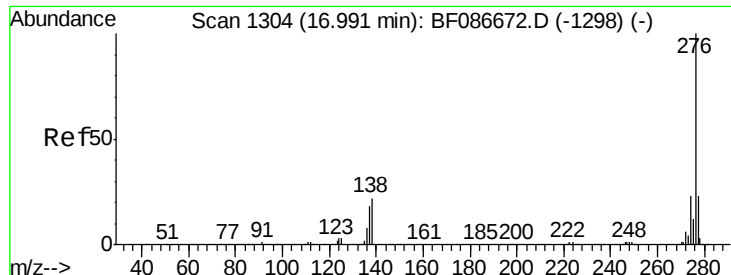
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF086680.D
Acq: 4 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.95 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086680.D
 Acq: 4 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	684704
Ion Ratio		Lower	Upper
276	100		
277	23.1	19.6	29.4
138	20.9	23.6	35.4

Manual Integrations
 APPROVED

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