

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086672.D
 Acq On : 4 May 2016 12:45
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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 5/5/2016 3:18:49 PM

Quant Time: May 04 13:34:42 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 13:25:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156249	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	646066	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	309790	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	538175	20.00	ng	0.00
75) Chrysene-d12	13.88	240	342369	20.00	ng	0.00
86) Perylene-d12	15.27	264	285771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	794296	87.68	ng	0.00
7) Phenol-d6	6.37	99	1026891	81.22	ng	0.00
23) Nitrobenzene-d5	7.31	82	1016853	84.84	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	258614	79.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1515447	82.79	ng	0.00
78) Terphenyl-d14	12.84	244	1461118	94.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	196293	41.25	ng	# 76
3) Pyridine	2.93	79	523357	46.47	ng	# 65
4) n-Nitrosodimethylamine	2.89	42	298160	46.45	ng	# 54
6) Aniline	6.40	93	635462	41.54	ng	# 53
8) 2-Chlorophenol	6.52	128	461502	40.90	ng	96
9) Benzaldehyde	6.28	77	223391	30.37	ng	98
10) Phenol	6.40	94	568290	40.29	ng	# 45
11) bis(2-Chloroethyl)ether	6.48	93	453837	37.22	ng	86
12) 1,3-Dichlorobenzene	6.67	146	466621m	38.45	ng	
13) 1,4-Dichlorobenzene	6.75	146	478236m	38.19	ng	
14) 1,2-Dichlorobenzene	6.91	146	459084	39.98	ng	99
15) Benzyl Alcohol	6.89	79	349740	43.73	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928837	38.05	ng	88
17) 2-Methylphenol	7.00	107	353924	38.81	ng	# 93
18) Hexachloroethane	7.25	117	189959	40.60	ng	# 87
19) n-Nitroso-di-n-propylamine	7.16	70	317636	38.01	ng	# 70
20) 3+4-Methylphenols	7.16	107	434246	41.71	ng	# 82
22) Acetophenone	7.15	105	621958	43.90	ng	# 90
24) Nitrobenzene	7.32	77	501893	40.71	ng	94
25) Isophorone	7.57	82	930812	40.35	ng	95
26) 2-Nitrophenol	7.64	139	236997	41.75	ng	# 77
27) 2,4-Dimethylphenol	7.69	122	398737	40.03	ng	90
28) bis(2-Chloroethoxy)methane	7.78	93	482467	38.39	ng	98
29) 2,4-Dichlorophenol	7.89	162	345824	41.15	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	397108	40.73	ng	98
31) Naphthalene	8.04	128	1252162	38.09	ng	99
32) Benzoic acid	7.80	122	145832	28.23	ng	# 83
33) 4-Chloroaniline	8.10	127	512279	41.61	ng	# 92
34) Hexachlorobutadiene	8.17	225	222184	40.65	ng	99
35) Caprolactam	8.48	113	109618	39.10	ng	# 52
36) 4-Chloro-3-methylphenol	8.59	107	417587	43.40	ng	96
37) 2-Methylnaphthalene	8.74	142	803444	41.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	354459	39.97	ng	99
40) Hexachlorocyclopentadiene	8.89	237	139333	31.62	ng	97

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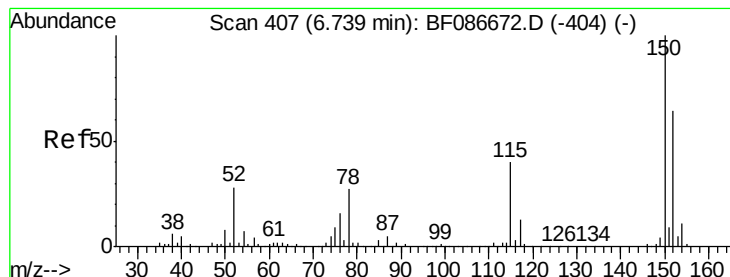
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	227081	40.51	nq	91
43) 2,4,5-Trichlorophenol	9.06	196	252172	41.28	nq #	89
45) 1,1'-Biphenyl	9.21	154	1094971	42.29	nq	100
46) 2-Chloronaphthalene	9.23	162	795121	40.39	nq	99
47) 2-Nitroaniline	9.32	65	267232	42.33	nq #	76
48) Acenaphthylene	9.64	152	1243082	40.39	nq	99
49) Dimethylphthalate	9.50	163	878808	37.68	nq	99
50) 2,6-Dinitrotoluene	9.57	165	207910	43.15	nq #	82
51) Acenaphthene	9.81	154	769932	38.95	nq	99
52) 3-Nitroaniline	9.73	138	220676	40.27	nq	81
53) 2,4-Dinitrophenol	9.85	184	47072	21.84	nq	94
54) Dibenzofuran	9.98	168	985019	39.87	nq	99
55) 4-Nitrophenol	9.90	139	138102	38.49	nq #	78
56) 2,4-Dinitrotoluene	9.97	165	261480	42.57	nq	89
57) Fluorene	10.33	166	818271	38.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	180068	37.70	nq	98
59) Diethylphthalate	10.20	149	840740	38.08	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	355066	36.46	nq	99
61) 4-Nitroaniline	10.35	138	222487	41.54	nq	80
62) Azobenzene	10.48	77	956108	39.54	nq	88
64) 4,6-Dinitro-2-methylphenol	10.37	198	94377	29.87	nq #	28
65) n-Nitrosodiphenylamine	10.44	169	712509	42.36	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	228392	41.18	nq	91
67) Hexachlorobenzene	10.86	284	257427	40.10	nq #	64
68) Atrazine	10.97	200	202301	40.05	nq	95
69) Pentachlorophenol	11.06	266	108556	32.08	nq	97
70) Phenanthrene	11.28	178	1110236	39.31	nq	99
71) Anthracene	11.33	178	1264578	41.96	nq	100
72) Carbazole	11.49	167	1099416	41.16	nq	99
73) Di-n-butylphthalate	11.82	149	1211018	40.02	nq #	98
74) Fluoranthene	12.46	202	1227112	43.04	nq	95
76) Benzidine	12.59	184	339371	28.84	nq	97
77) Pyrene	12.69	202	1228172	49.78	nq	99
79) Butylbenzylphthalate	13.32	149	488693	45.74	nq	96
80) Benzo(a)anthracene	13.87	228	791723	43.37	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	616606	50.53	nq #	96
82) Chrysene	13.92	228	881531	44.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	573707	43.26	nq	99
84) Di-n-octyl phthalate	14.49	149	829914	39.96	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	782812	53.25	nq	97
87) Benzo(b)fluoranthene	14.89	252	724816m	43.11	nq	
88) Benzo(k)fluoranthene	14.91	252	591278m	33.72	nq	
89) Benzo(a)pyrene	15.22	252	629931	39.69	nq #	98
90) Dibenzo(a,h)anthracene	16.60	278	648168	49.90	nq	98
91) Benzo(g,h,i)perylene	16.99	276	681865	52.38	nq #	91

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



#1

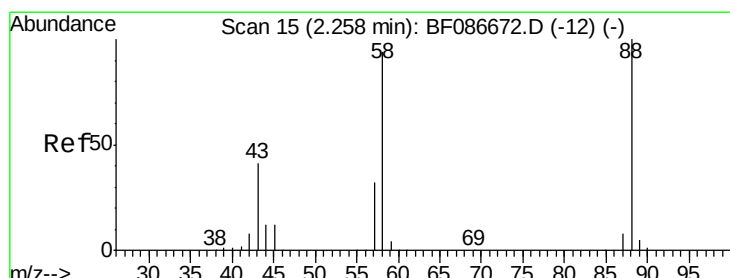
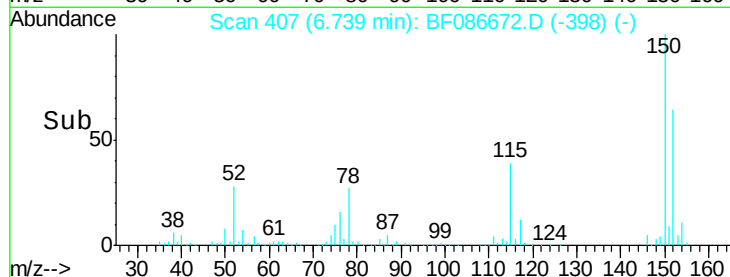
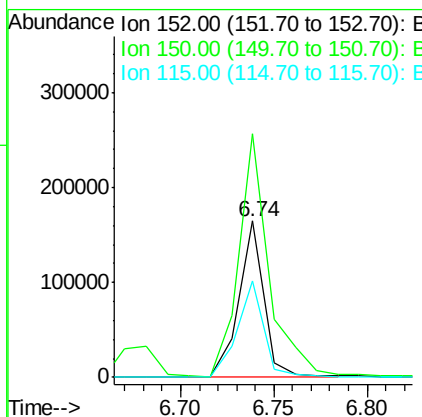
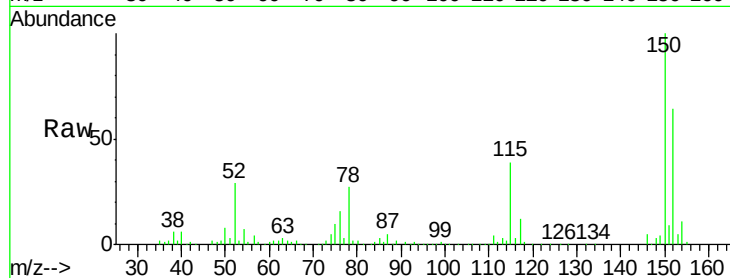
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	61.5	51.5	77.3

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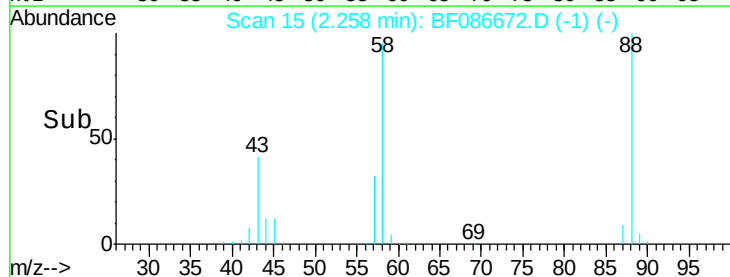
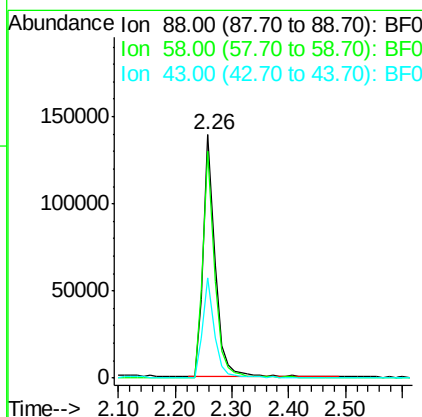
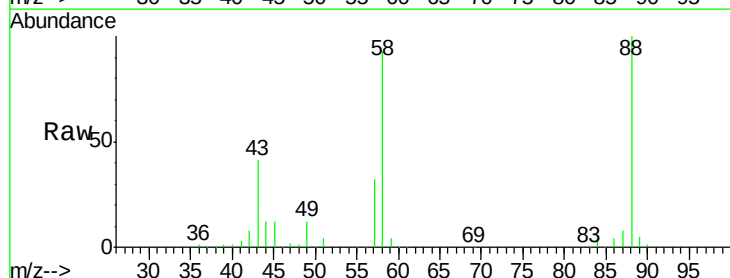
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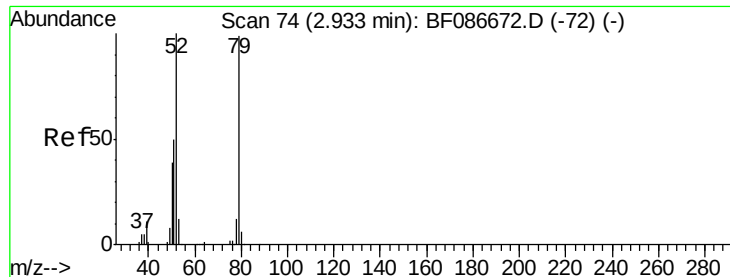


#2

1,4-Dioxane
Concen: 41.25 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.7	59.6	89.4#
43	41.0	21.8	32.6#





#3

Pvridine

Concen: 46.47 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

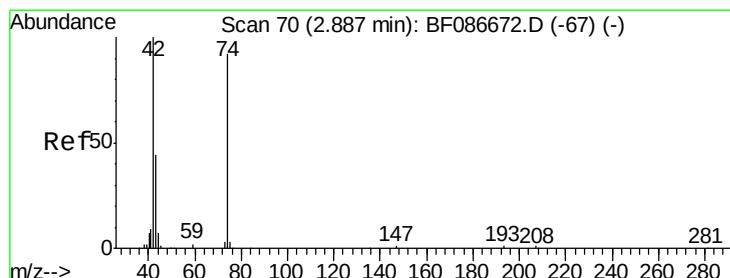
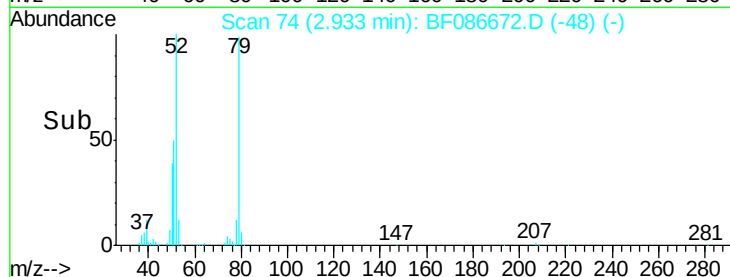
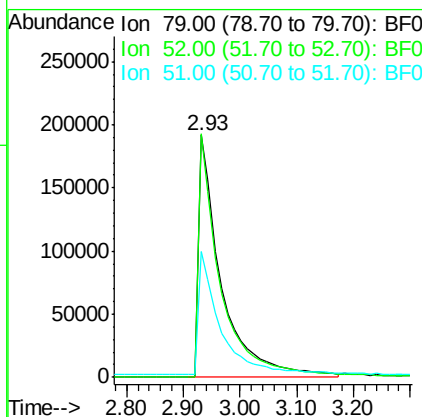
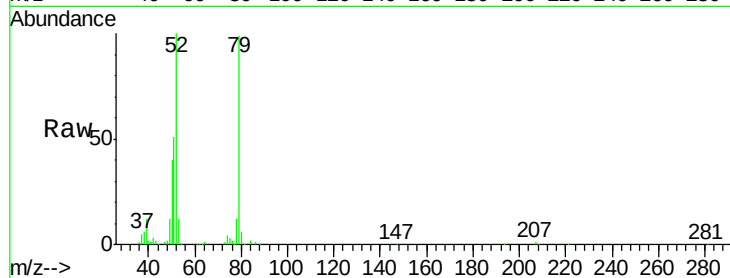
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	523357
Ion Ratio	Lower	Upper	
79	100		
52	100.6	55.9	83.9#
51	51.8	28.1	42.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.45 ng

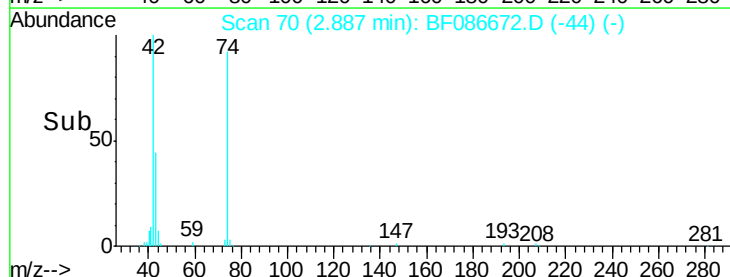
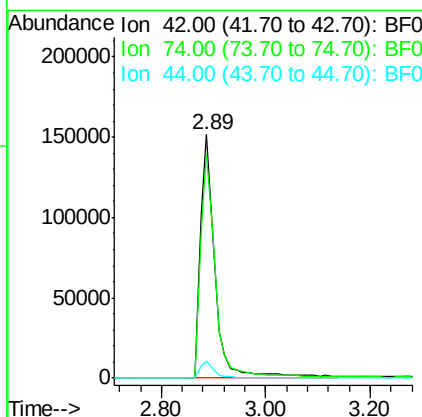
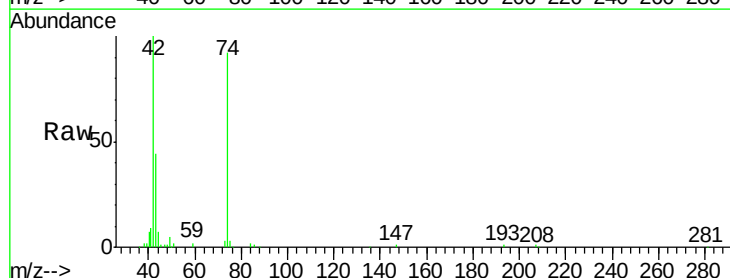
RT: 2.89 min Scan# 70

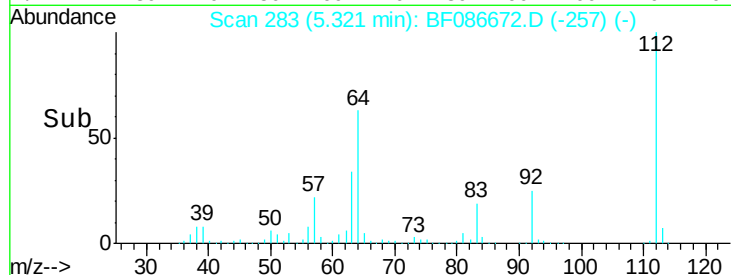
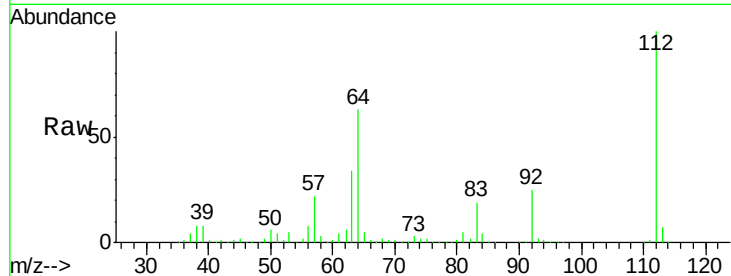
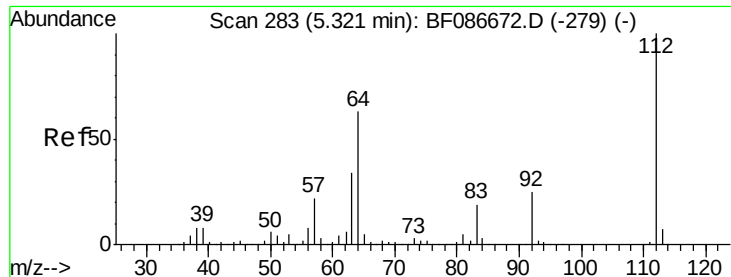
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	42	Resp:	298160
Ion Ratio	Lower	Upper	
42	100		
74	92.4	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 87.68 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086672.D

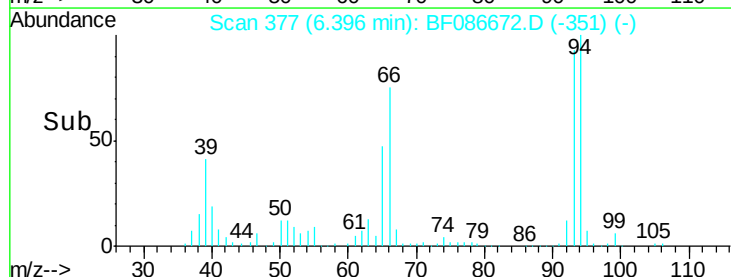
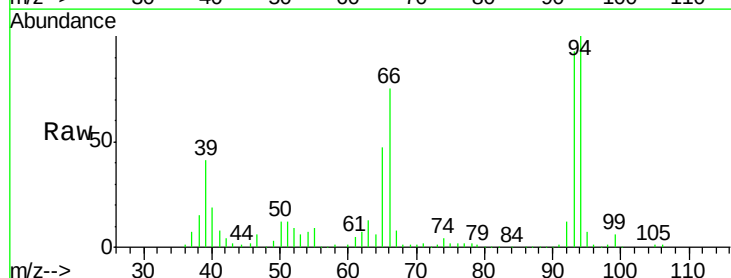
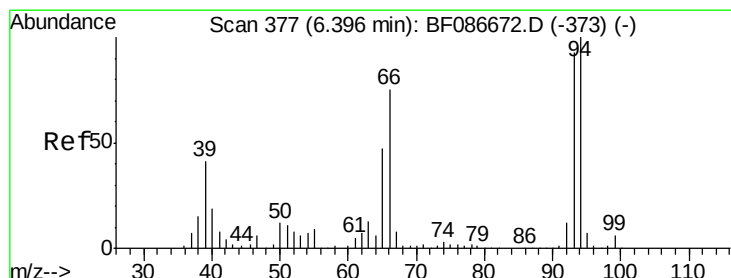
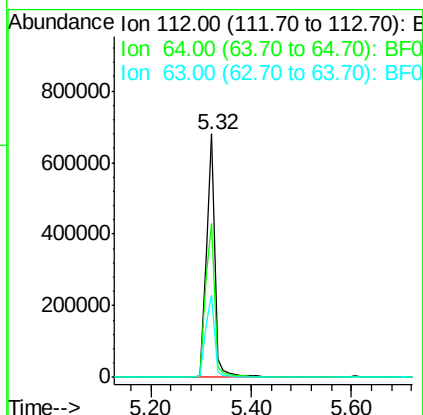
Acq: 4 May 2016 12:45

Tot Ion:	112	Resp:	794296
Ion Ratio	Lower	Upper	
112	100		
64	63.4	52.1	78.1
63	34.1	25.7	38.5

Instrument :
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#6

Aniline

Concen: 41.54 ng

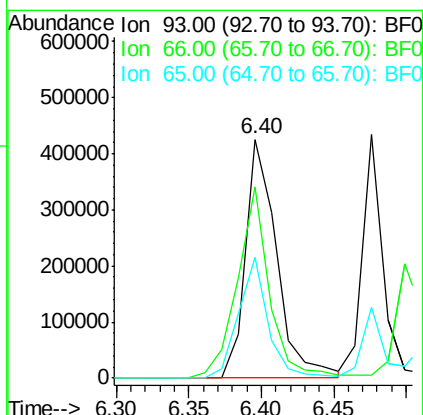
RT: 6.40 min Scan# 377

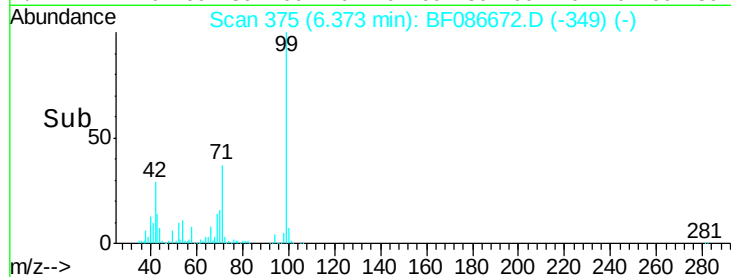
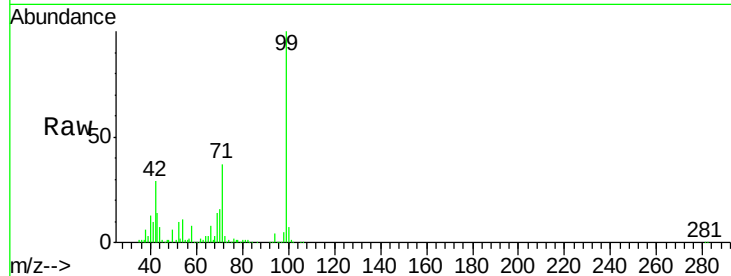
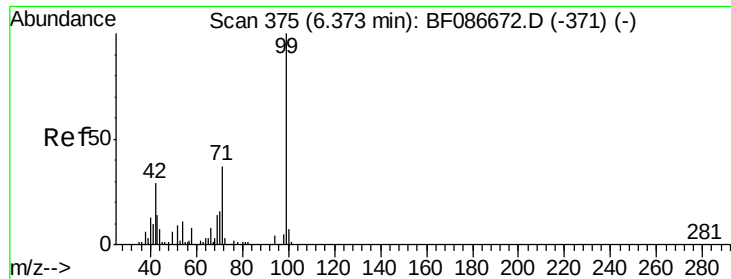
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	93	Resp:	635462
Ion Ratio	Lower	Upper	
93	100		
66	80.3	39.0	58.6#
65	50.4	20.6	31.0#





#7

Phenol-d6

Concen: 81.22 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tot Ion: 99 Resp: 1026891

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

71 36.5 24.6 36.8

Instrument :

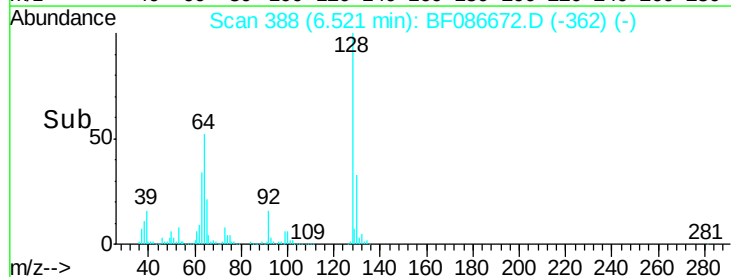
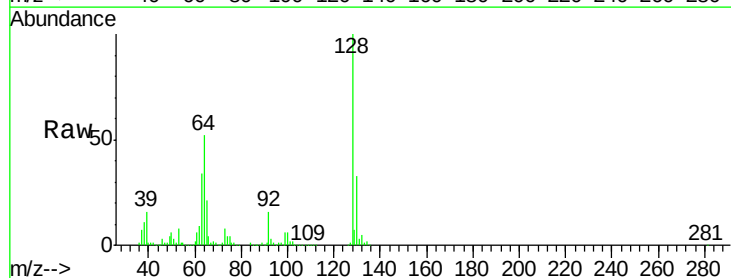
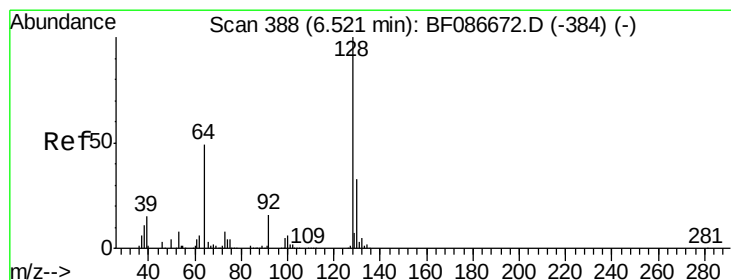
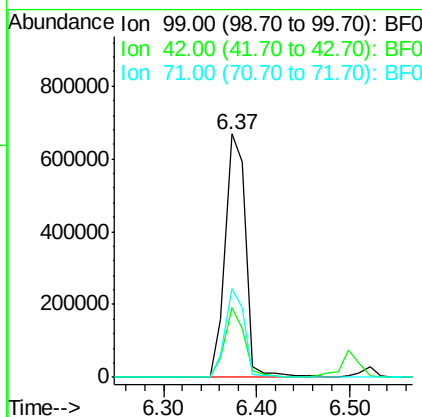
BNA_F

ClientSampleId :

SSTDICCC040

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#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

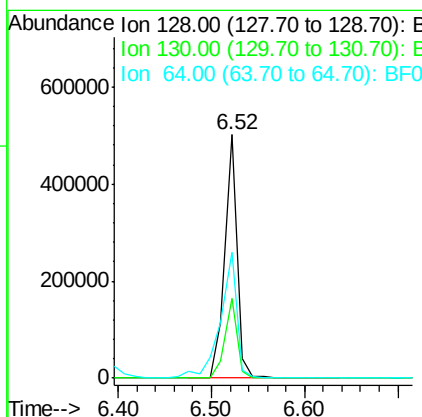
Tgt Ion: 128 Resp: 461502

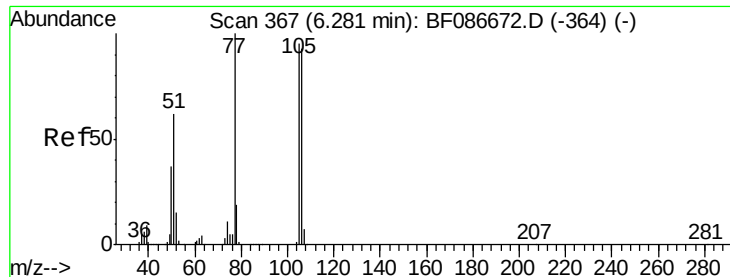
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 51.8 27.3 67.3





#9

Benzaldehyde

Concen: 30.37 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

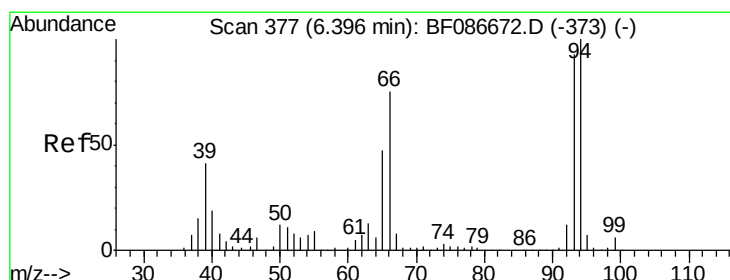
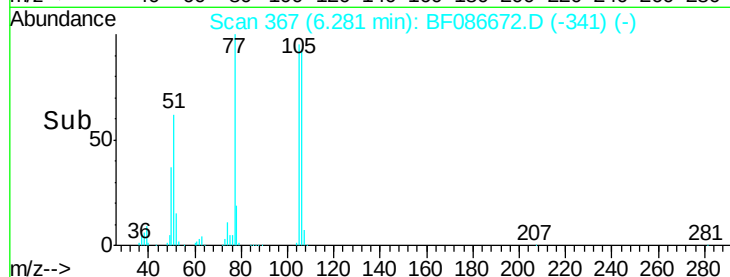
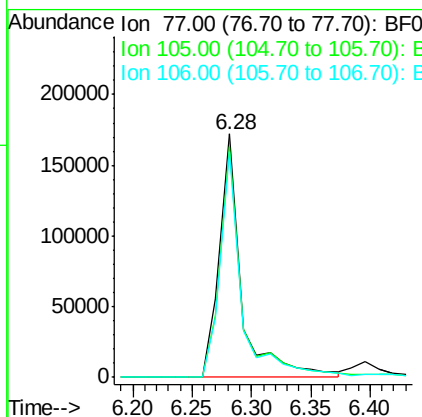
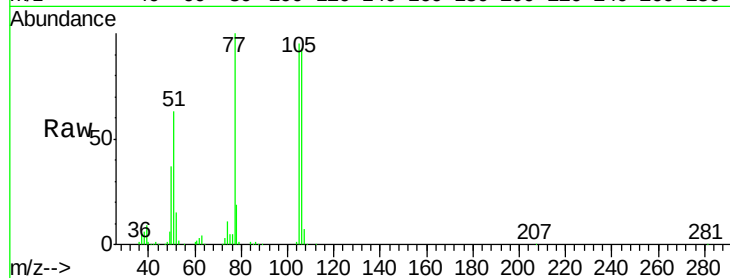
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	223391
Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.7	112.7
106	92.8	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 40.29 ng

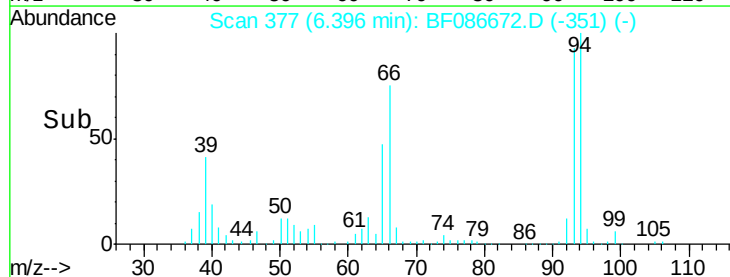
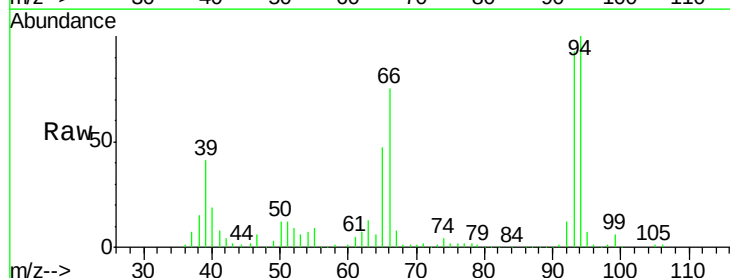
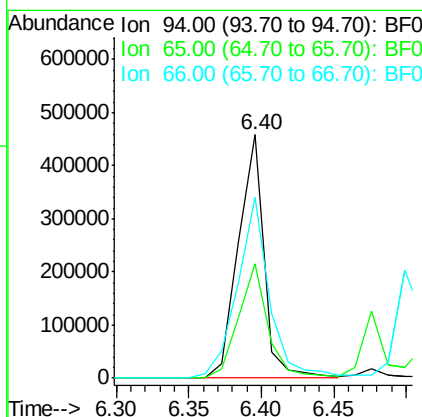
RT: 6.40 min Scan# 377

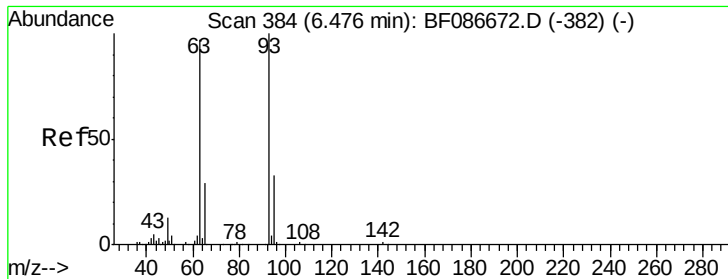
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	94	Resp:	568290
Ion	Ratio	Lower	Upper
94	100		
65	46.8	7.2	47.2
66	74.5	14.9	54.9#





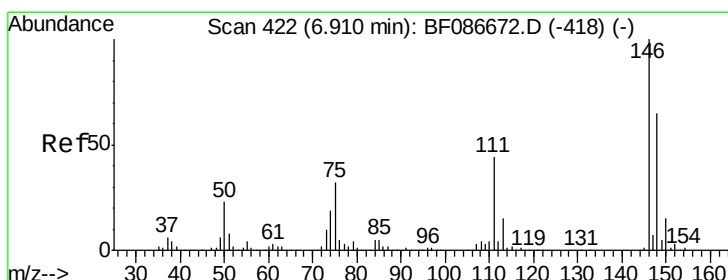
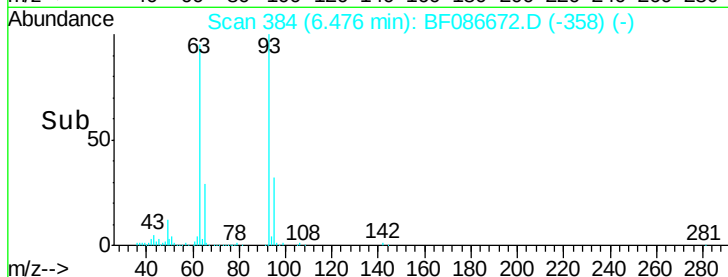
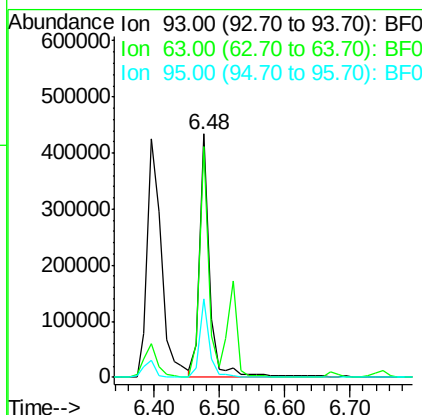
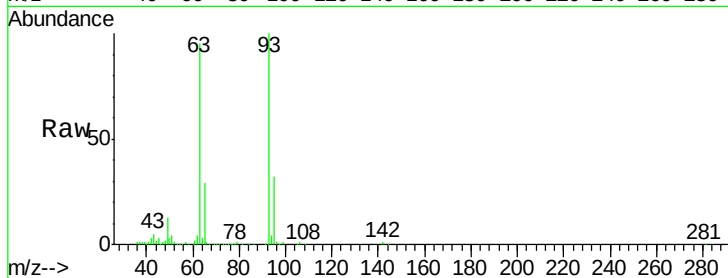
#11
bis(2-Chloroethyl)ether
Concen: 37.22 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	93	Resp:	453837
Ion Ratio	Lower	Upper	
93	100		
63	94.7	58.0	98.0
95	32.2	11.9	51.9

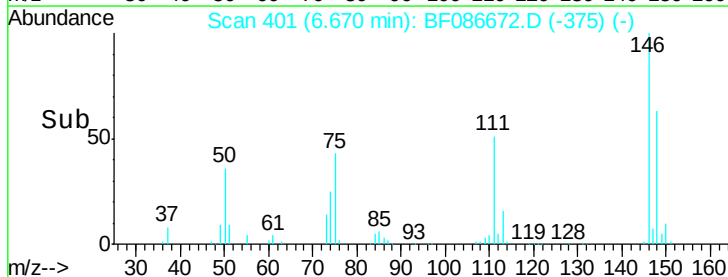
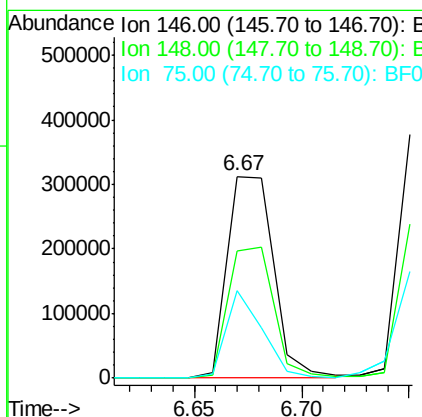
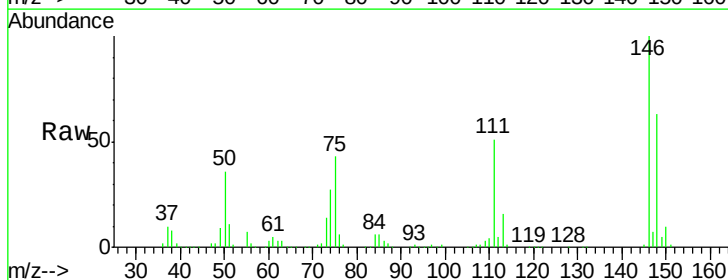
Manual Integrations
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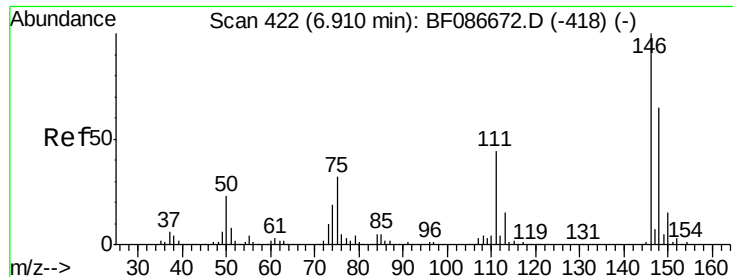
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#12
1,3-Dichlorobenzene
Concen: 38.45 ng m
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:	146	Resp:	466621
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.4	78.6
75	43.4	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 38.19 ng/mL

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

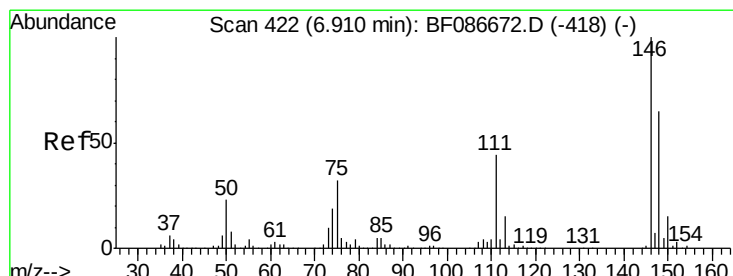
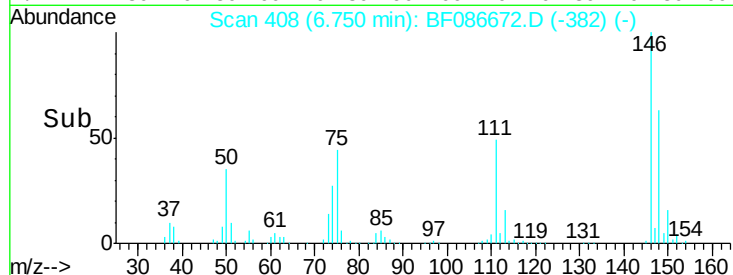
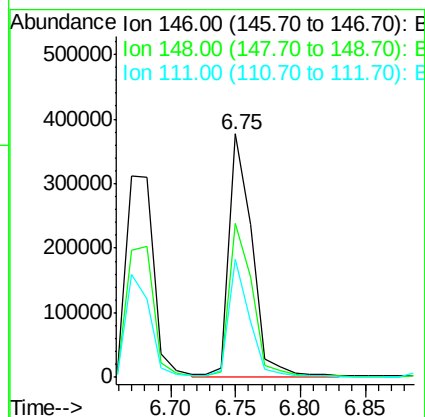
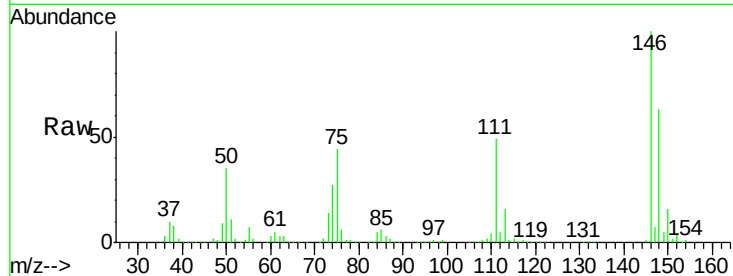
ClientSampleID :

SSTDICCC040

Tot Ion:	146	Resp:	478236
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.4
111	48.6	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.98 ng/mL

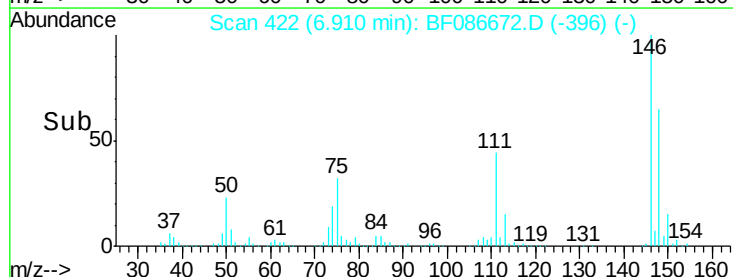
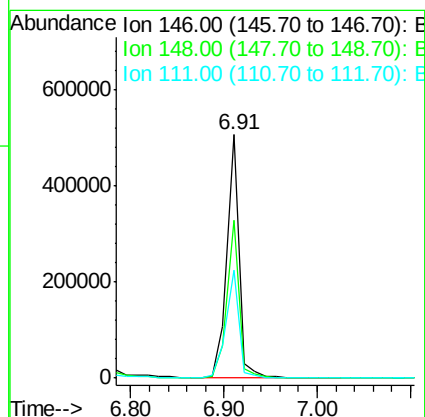
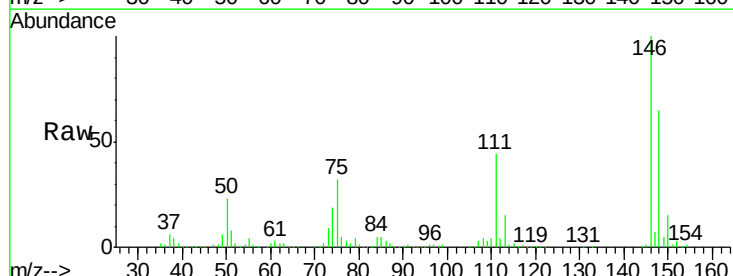
RT: 6.91 min Scan# 422

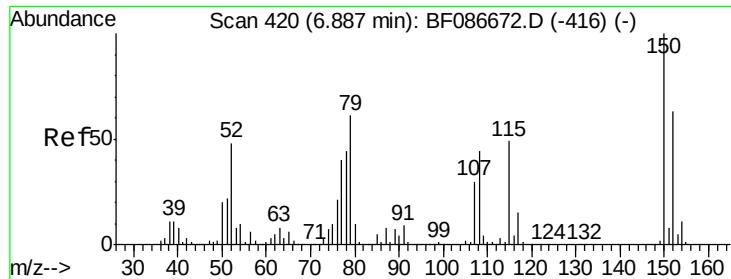
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	146	Resp:	459084
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.6
111	44.3	36.2	54.4





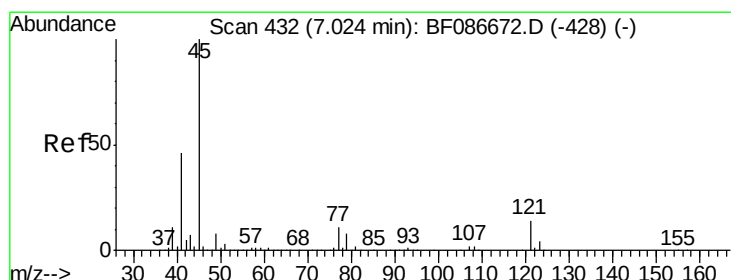
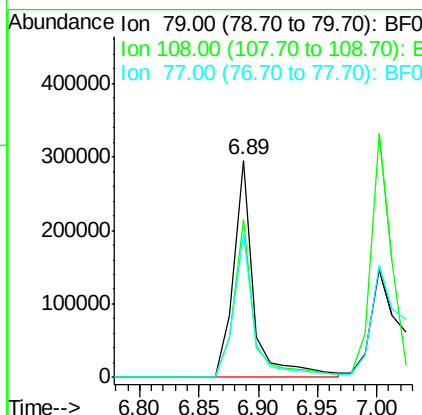
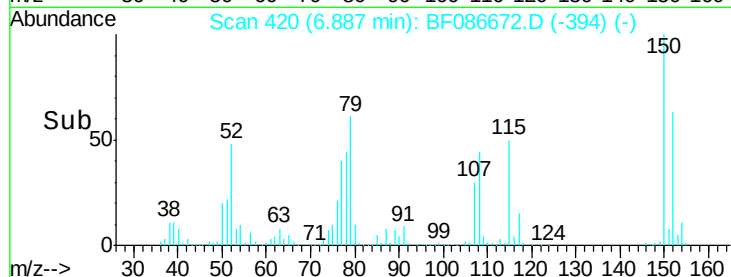
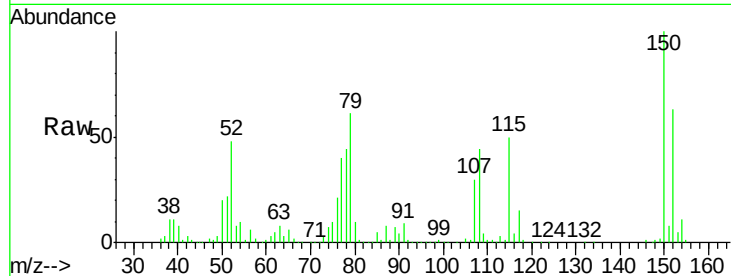
#15
Benzyl Alcohol
Concen: 43.73 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.7	68.4	102.6
77	66.1	50.6	76.0

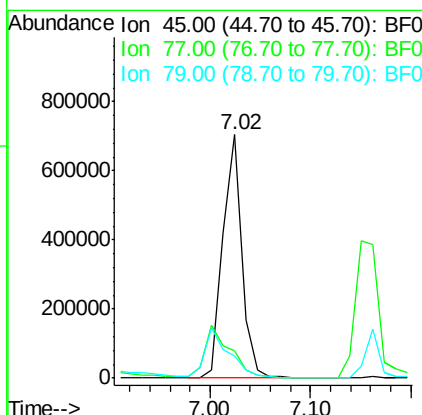
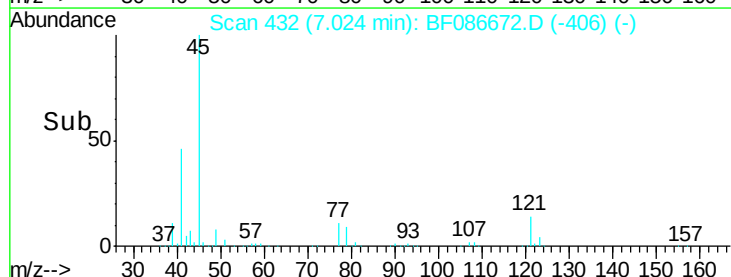
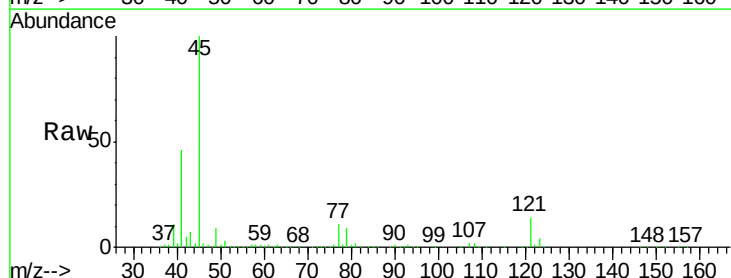
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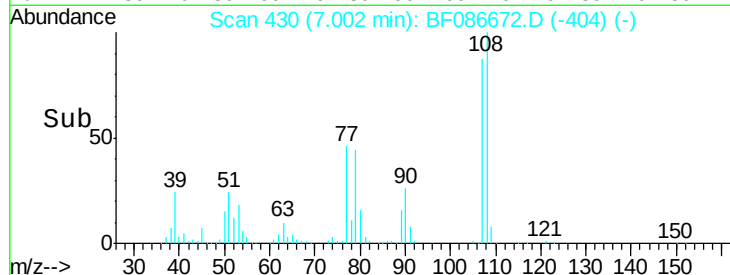
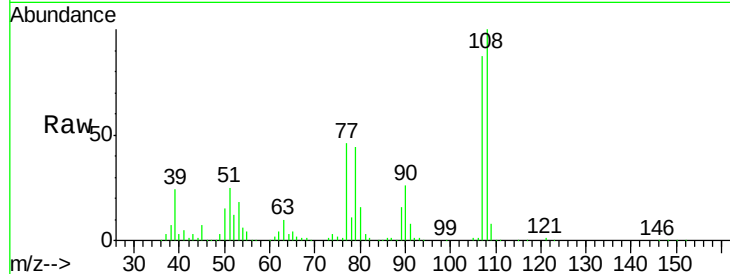
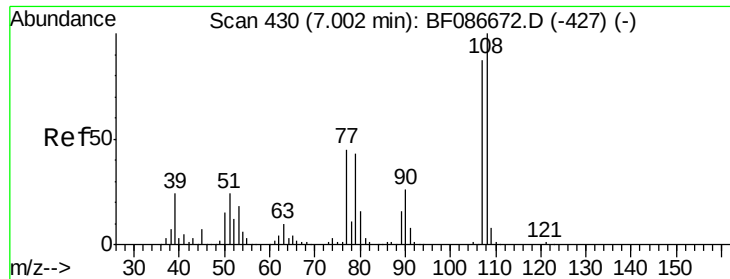
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	36.4
79	8.9	0.0	33.4





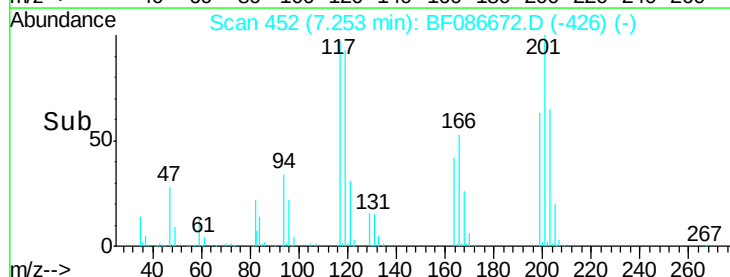
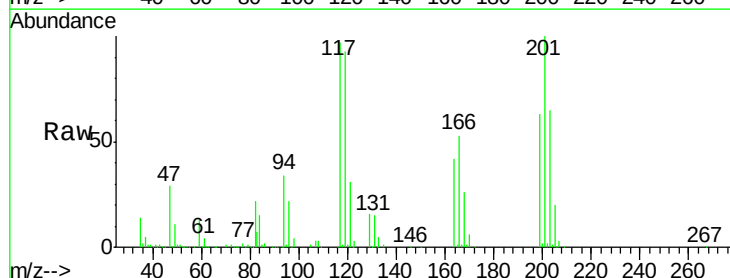
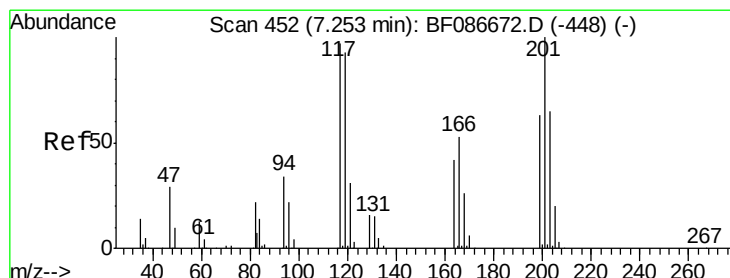
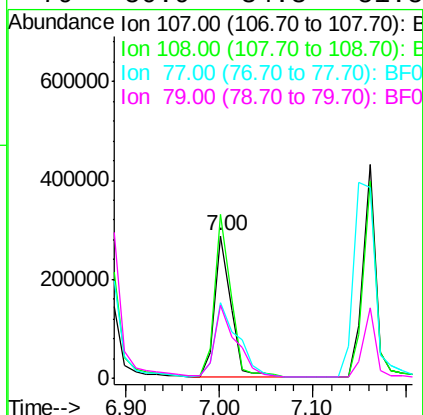
#17
2-Methylphenol
Concen: 38.81 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tot Ion	Ratio	Resp	Lower	Upper
107	100	353924		
108	114.8	93.7	140.5	
77	52.6	33.4	50.0	
79	50.9	34.3	51.5	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

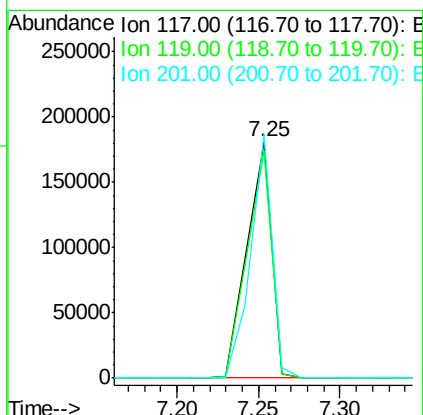
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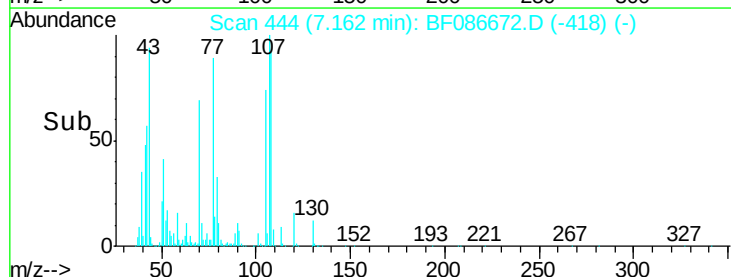
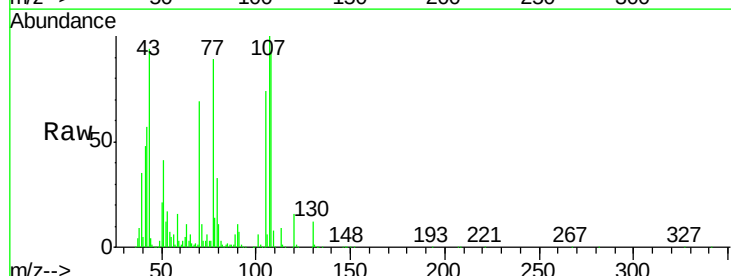
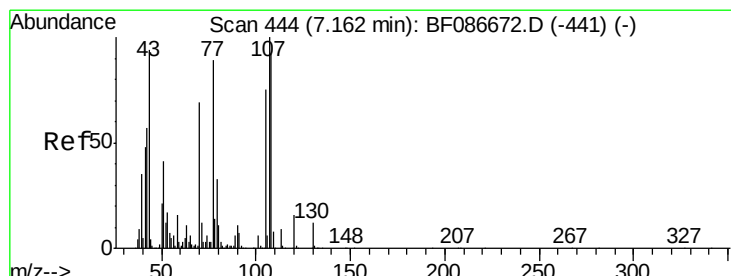
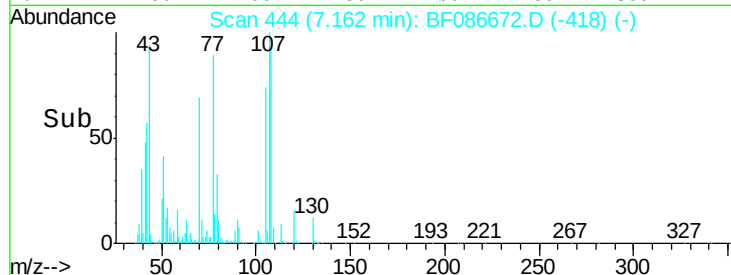
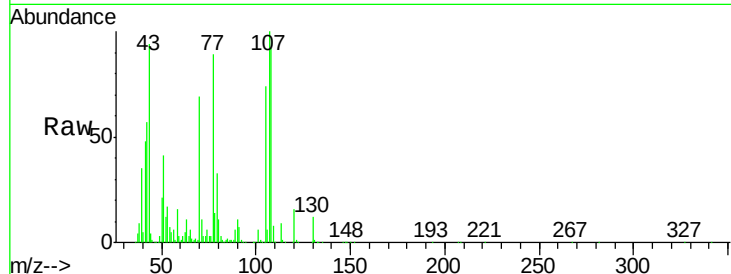
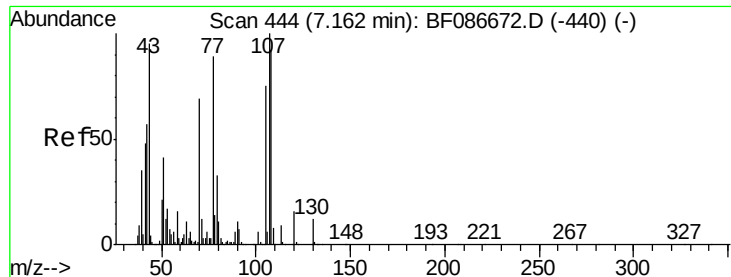
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#18
Hexachloroethane
Concen: 40.60 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	189959		
119	96.0	76.5	114.7	
201	103.0	63.0	94.6	





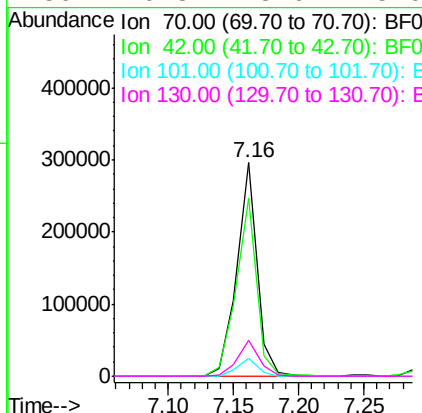
#19
n-Nitroso-di-n-propylamine
Concen: 38.01 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.6	43.1	64.7#
101	8.4	8.1	12.1
130	16.8	18.6	28.0#

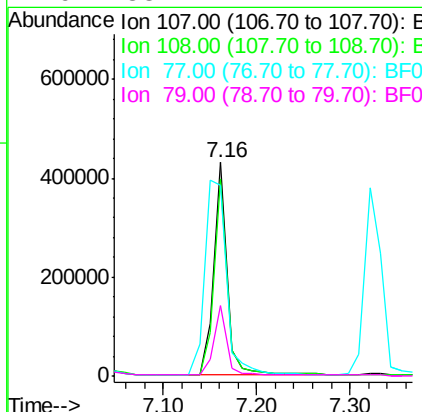
Manual Integrations
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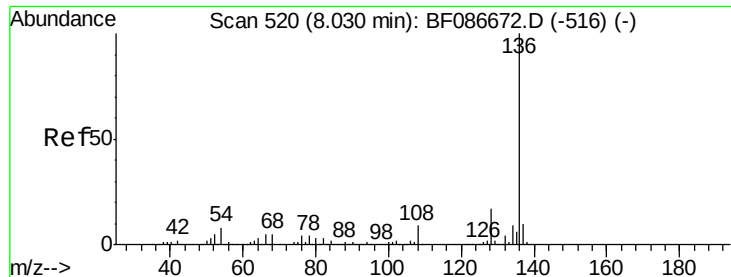
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#20
3+4-Methylphenols
Concen: 41.71 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.5	108.5
77	89.1	101.6	141.6#
79	33.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

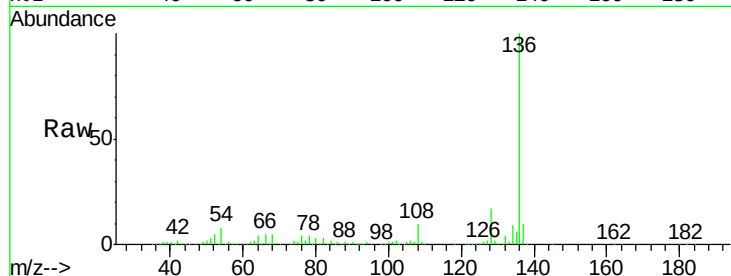
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	646066		
137	10.5	8.8	13.2	
54	8.4	5.0	7.4	
68	5.0	4.4	6.6	

Manual Integrations
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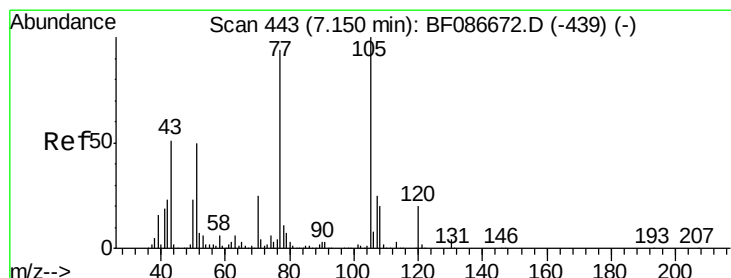
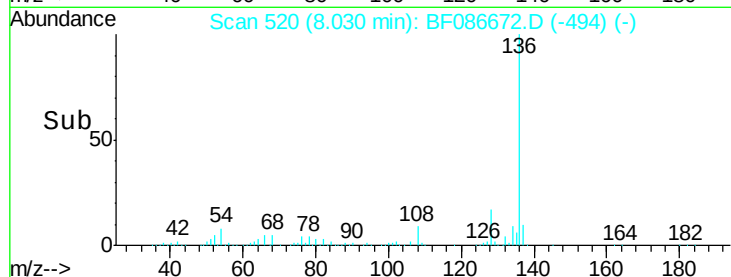
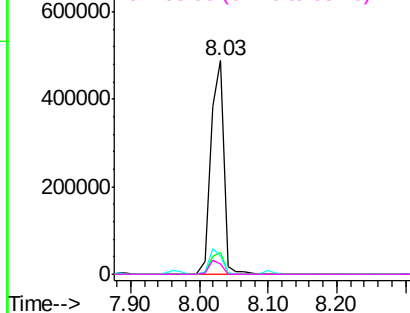


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.90 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

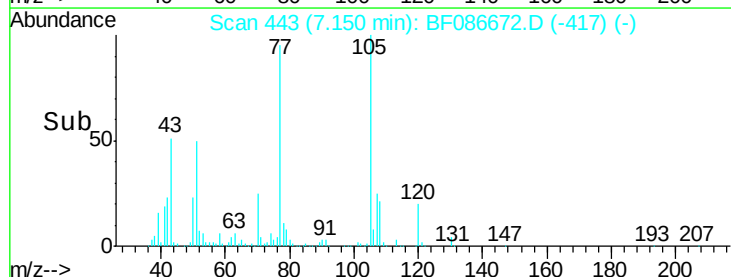
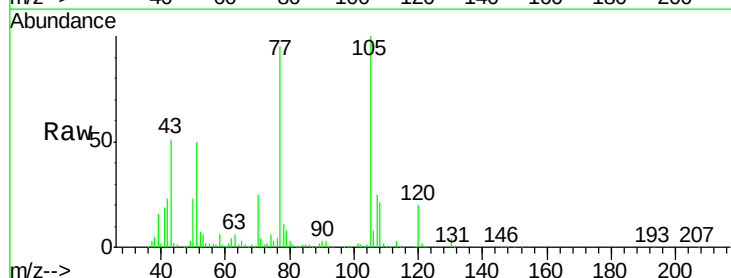
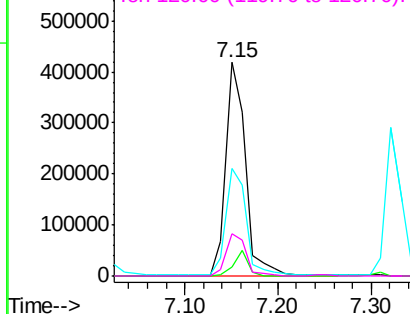
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621958		
71	4.1	4.8	7.2	
51	50.2	32.6	49.0	
120	19.9	16.5	24.7	

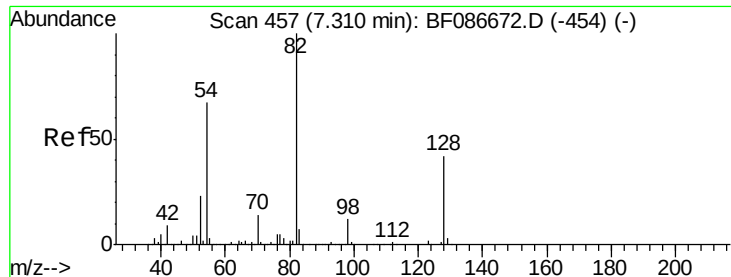
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





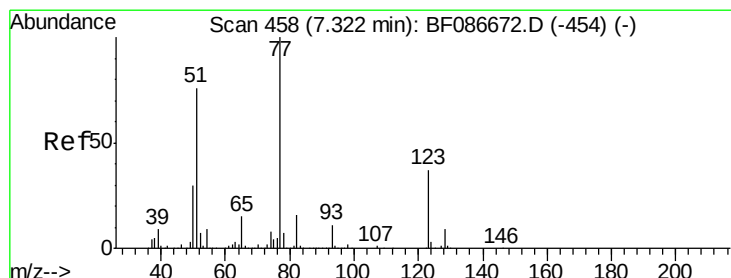
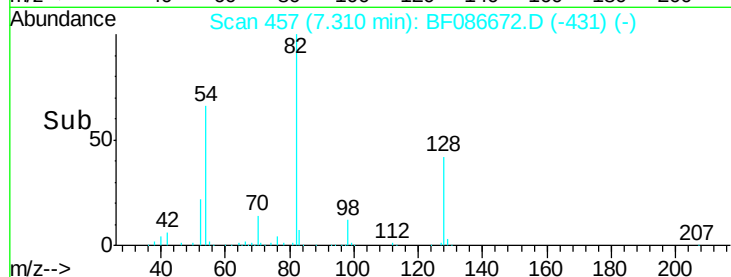
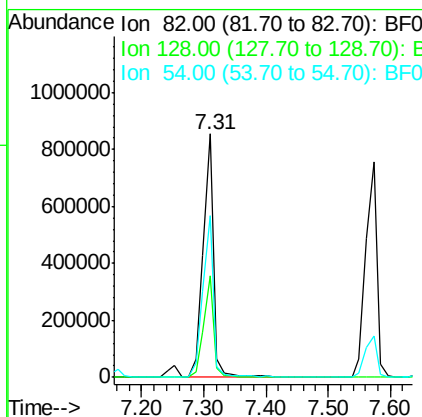
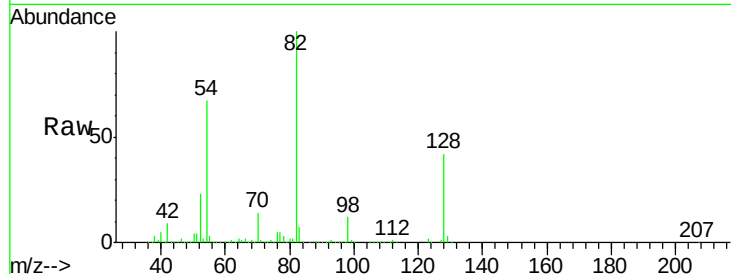
#23
 Nitrobenzene-d5
 Concen: 84.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	66.6	38.1	57.1

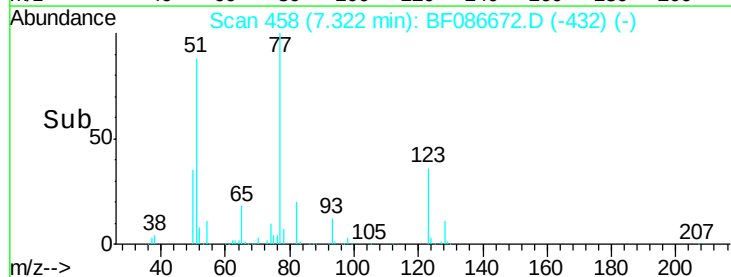
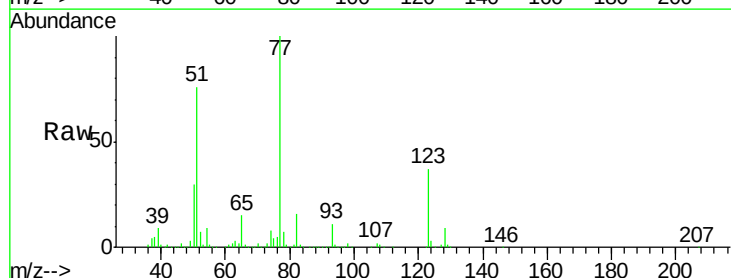
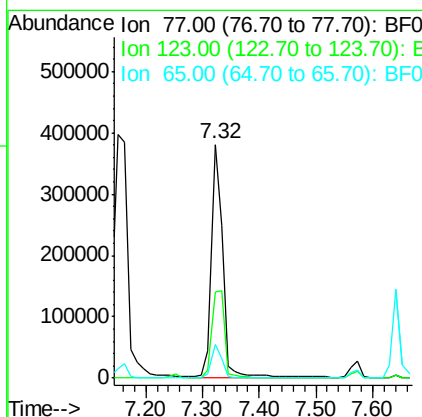
Manual Integrations
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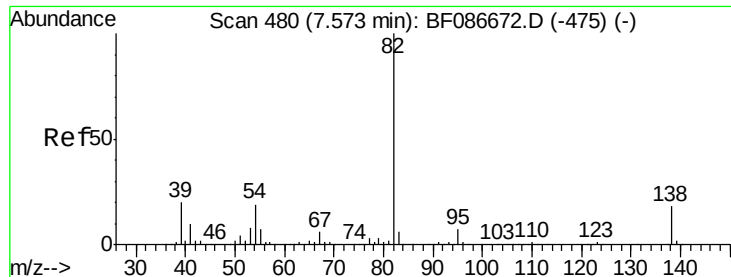
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#24
 Nitrobenzene
 Concen: 40.71 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	33.0	49.4
65	14.6	10.8	16.2





#25

Isophorone

Concen: 40.35 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

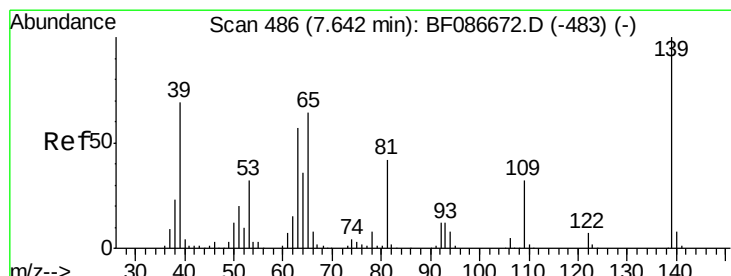
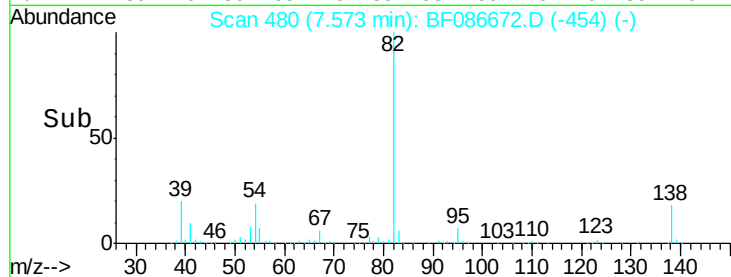
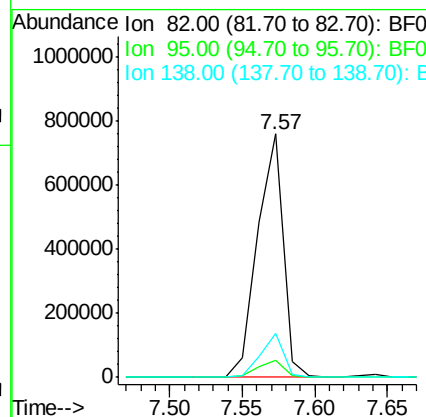
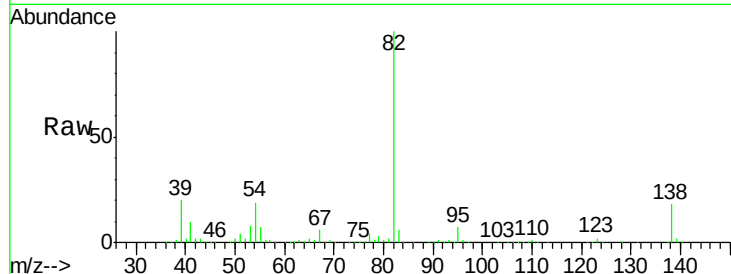
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	930812
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.1	7.7
138	17.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.75 ng

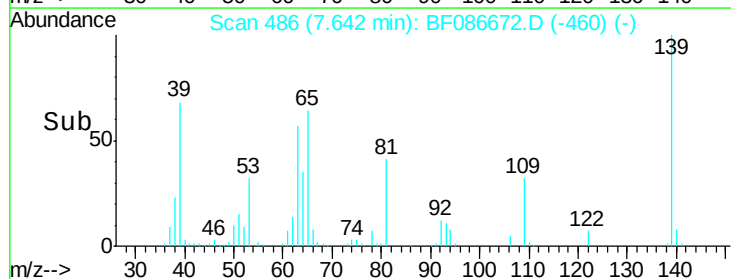
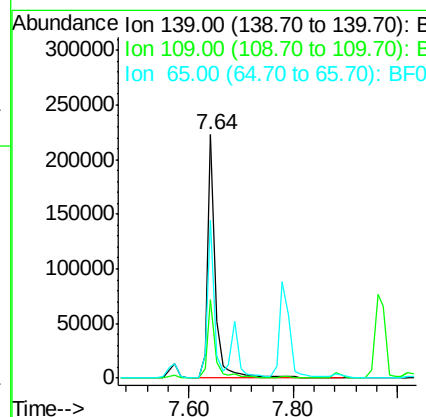
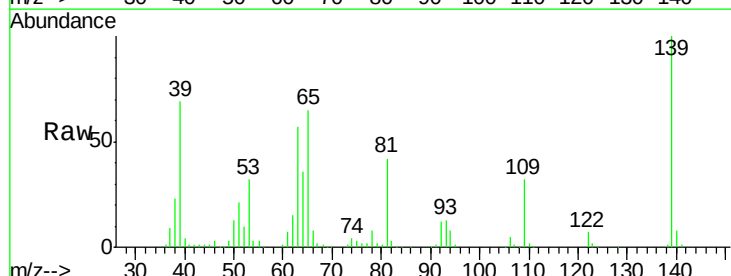
RT: 7.64 min Scan# 486

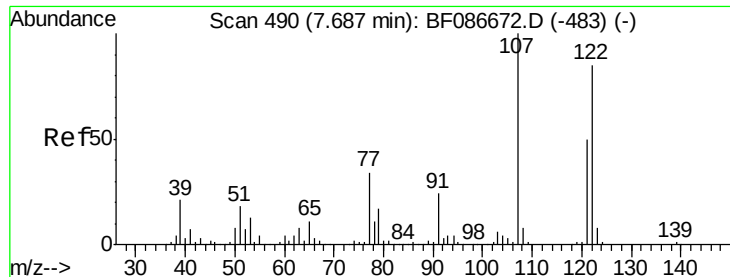
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	139	Resp:	236997
Ion Ratio		Lower	Upper
139	100		
109	32.2	19.5	29.3#
65	64.8	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 40.03 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

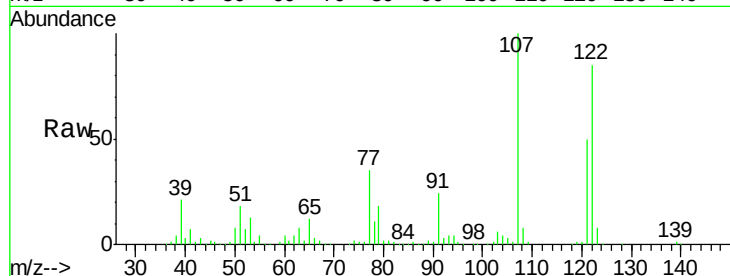
ClientSampleId :

SSTDICCC040

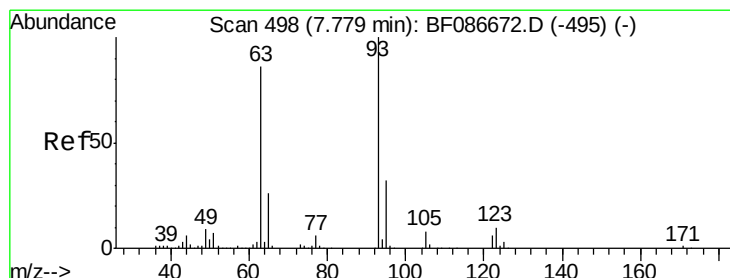
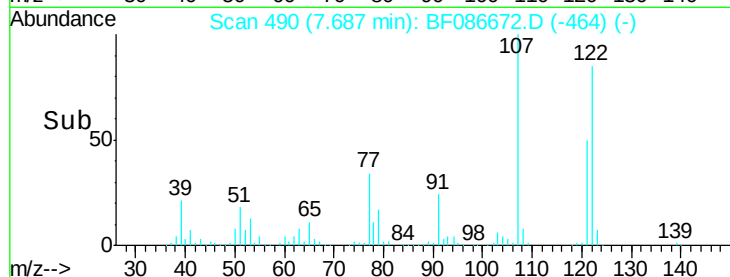
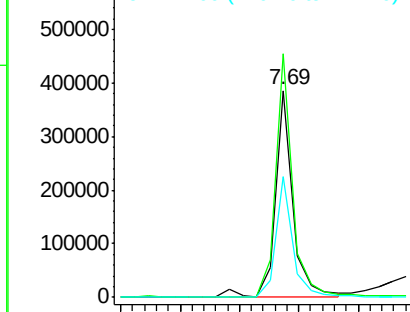
Tot Ion:	122	Resp:	398737
Ion Ratio	Lower	Upper	
122	100		
107	117.6	82.0	123.0
121	58.3	46.1	69.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.39 ng

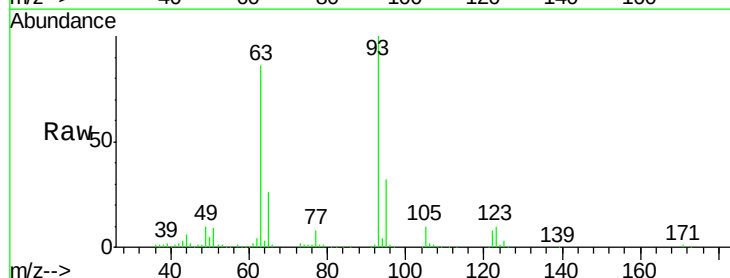
RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

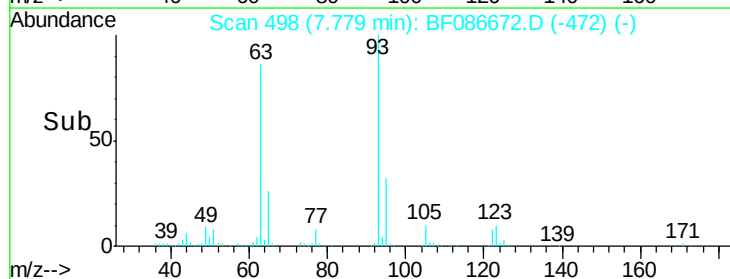
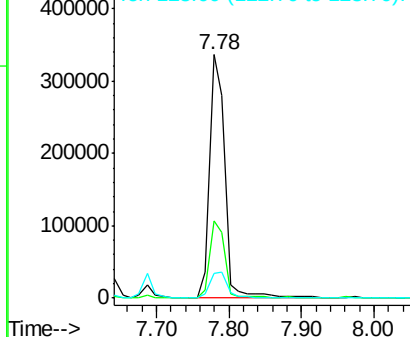
Lab File: BF086672.D

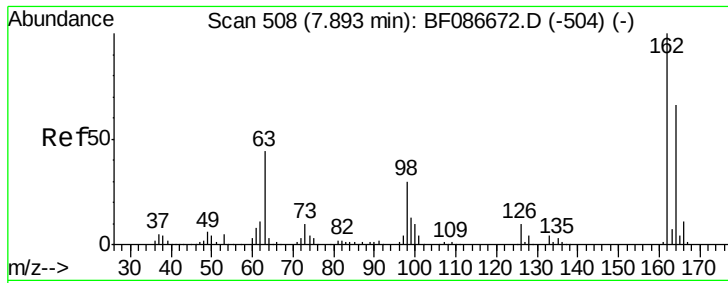
Acq: 4 May 2016 12:45

Tgt Ion:	93	Resp:	482467
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	9.9	9.5	14.3



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





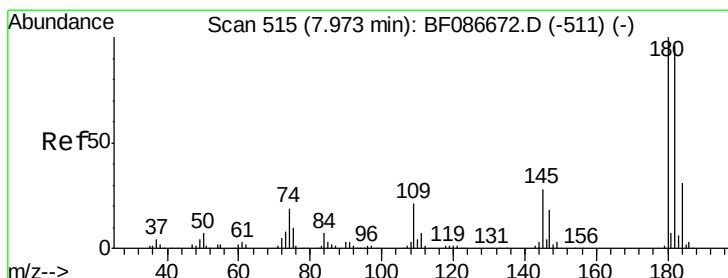
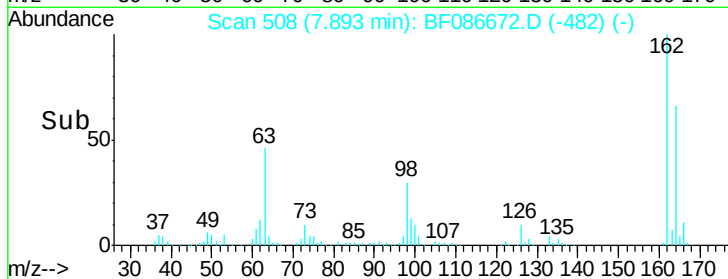
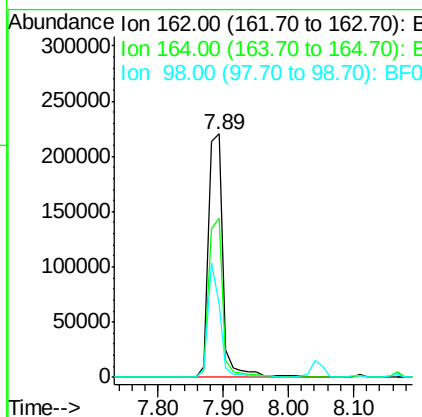
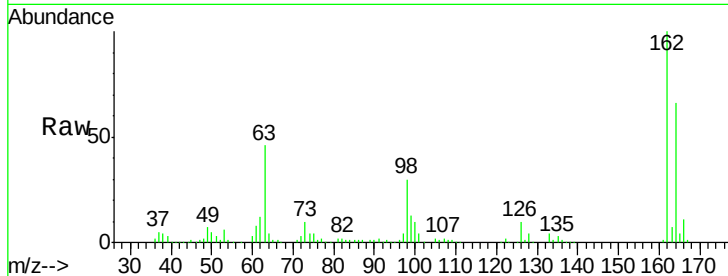
#29
 2,4-Dichlorophenol
 Concen: 41.15 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	42.2	82.2
98	30.4	19.0	59.0

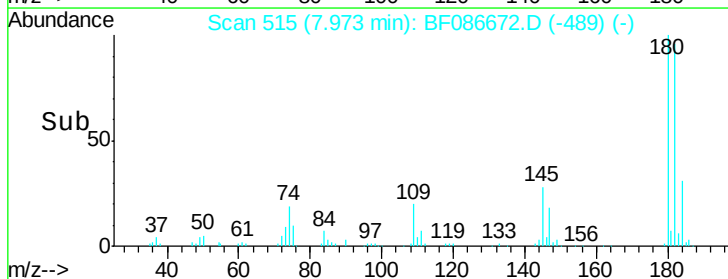
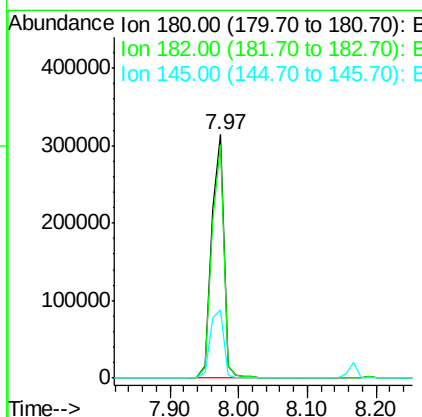
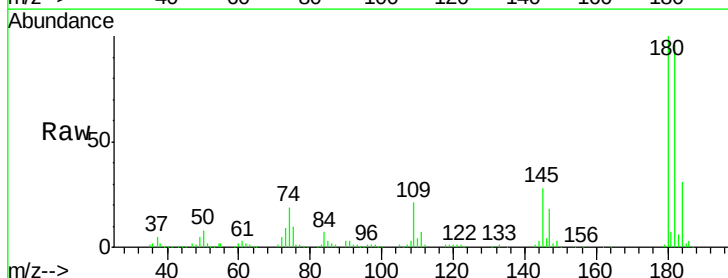
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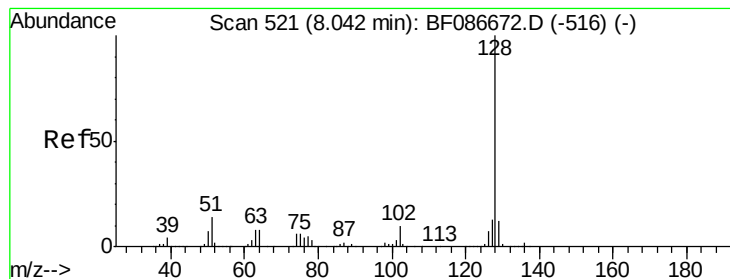
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	78.0	117.0
145	28.0	24.2	36.2





#31

Naphthalene

Concen: 38.09 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1252162

Ion Ratio Lower Upper

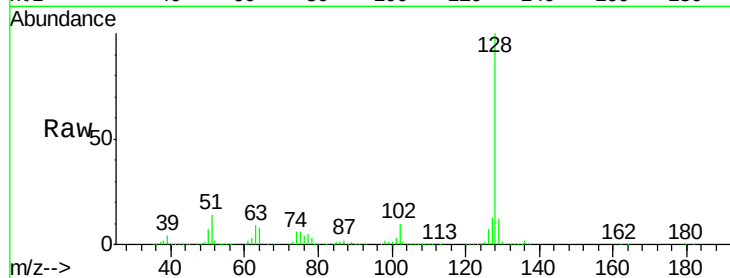
128 100

129 11.6 8.6 13.0

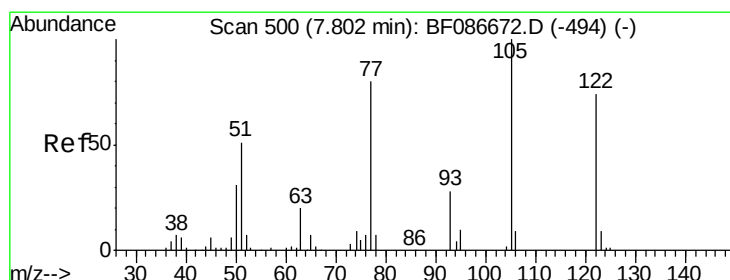
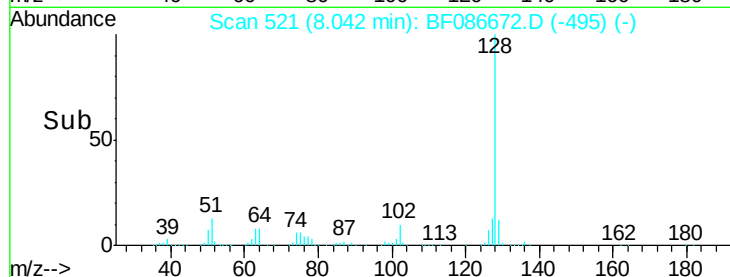
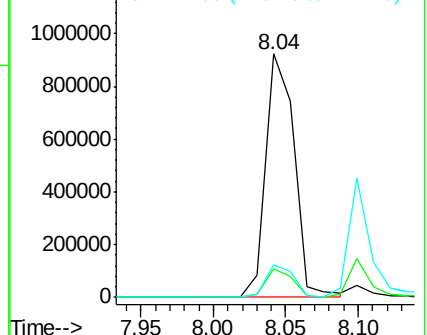
127 13.4 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.23 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

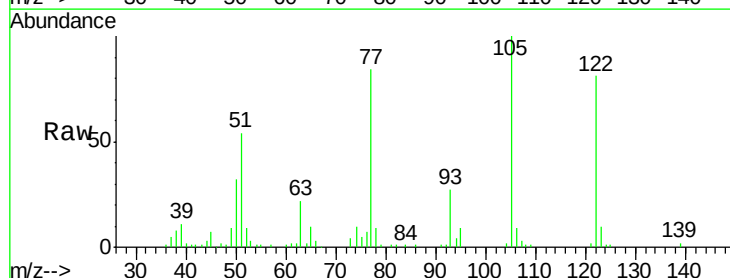
Tgt Ion:122 Resp: 145832

Ion Ratio Lower Upper

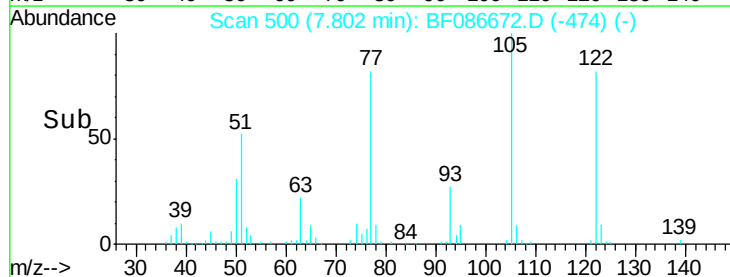
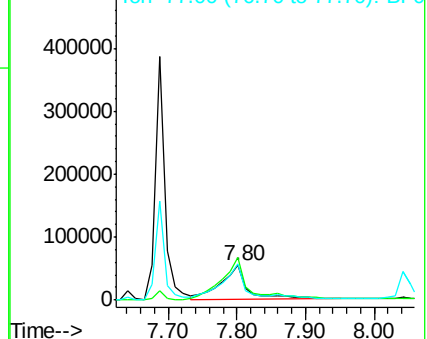
122 100

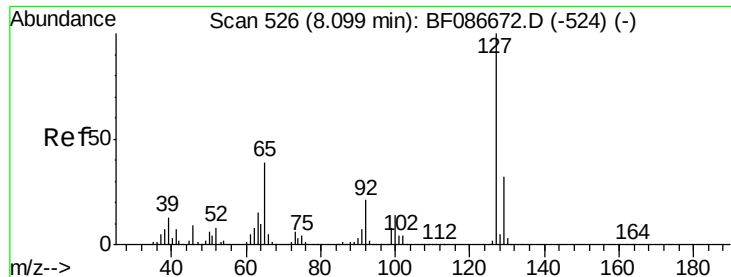
105 123.6 92.6 132.6

77 103.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





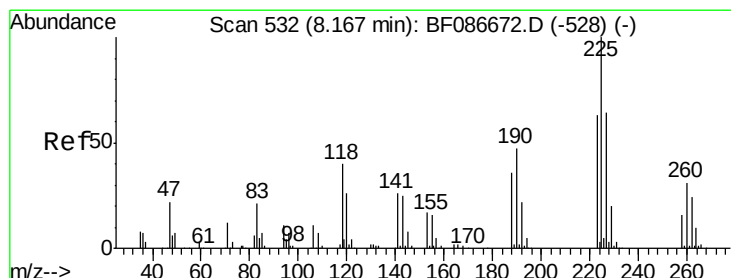
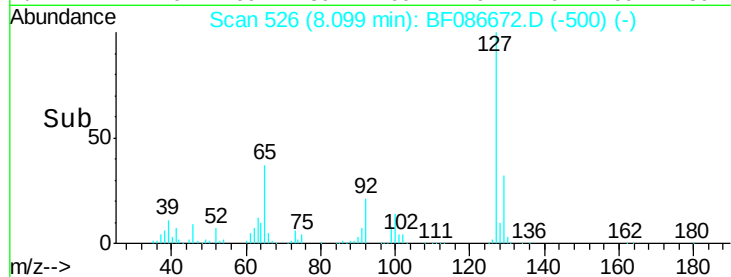
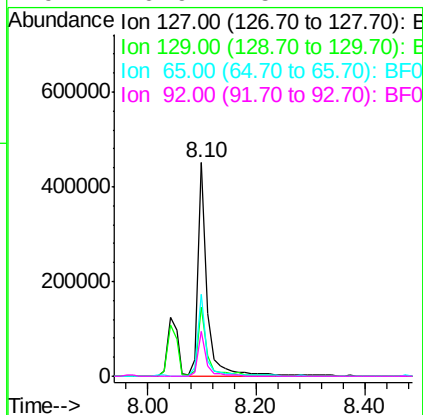
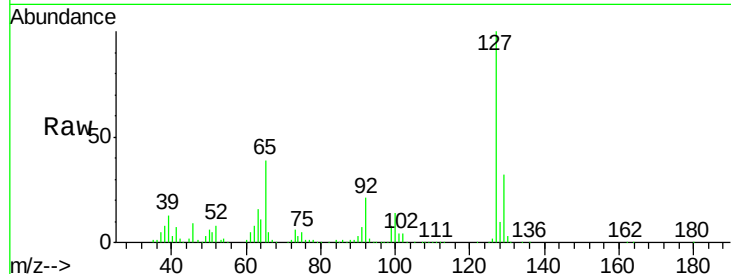
#33
 4-Chloroaniline
 Concen: 41.61 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		512279		
129	32.3	26.2	39.4		
65	38.6	23.0	34.4		
92	20.9	15.1	22.7		

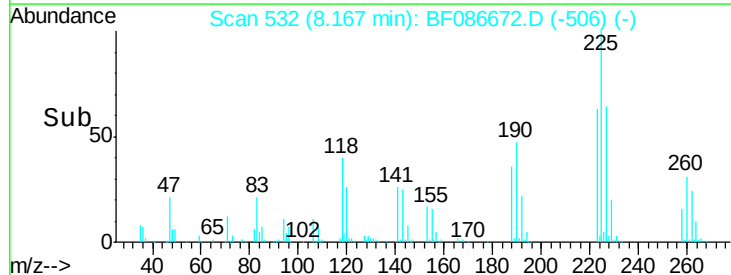
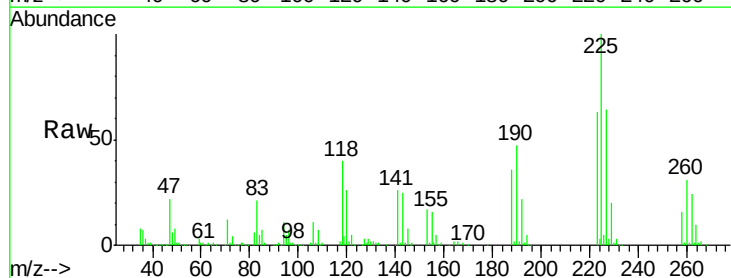
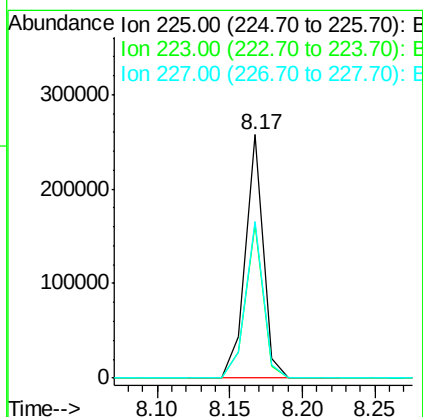
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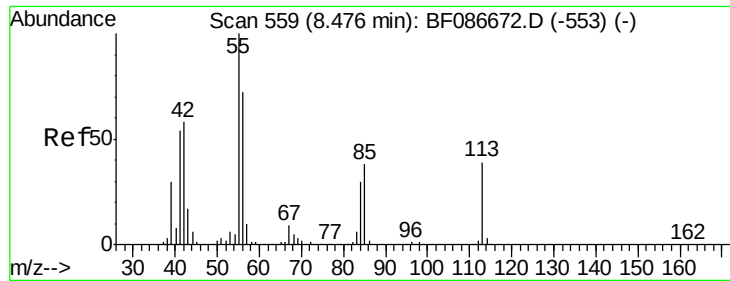
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#34
 Hexachlorobutadiene
 Concen: 40.65 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		222184		
223	63.2	51.5	77.3		
227	64.1	52.2	78.2		





#35

Caprolactam

Concen: 39.10 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

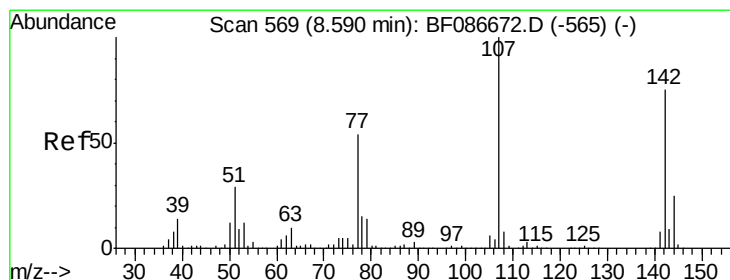
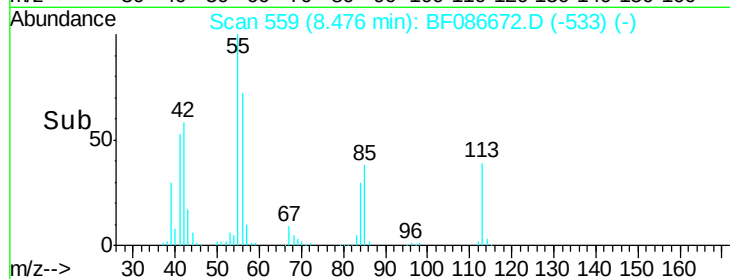
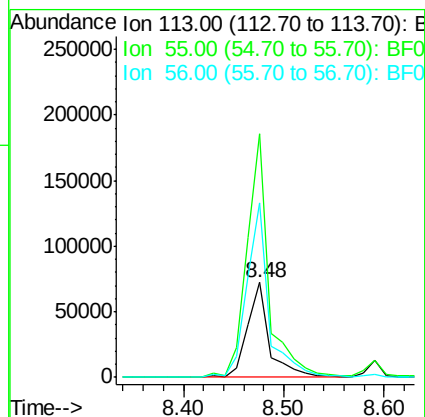
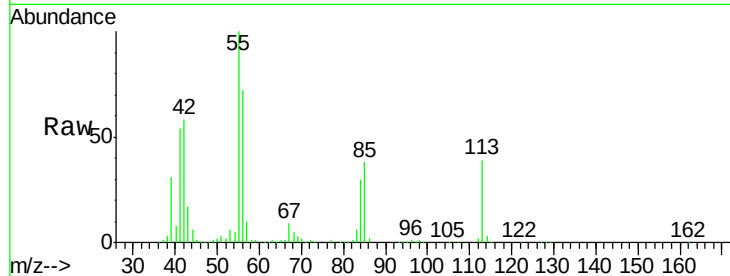
ClientSampleId :

SSTDICCC040

Tot Ion:	113	Resp:	109618
Ion Ratio	Lower	Upper	
113	100		
55	257.0	162.0	202.0#
56	184.2	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 43.40 ng

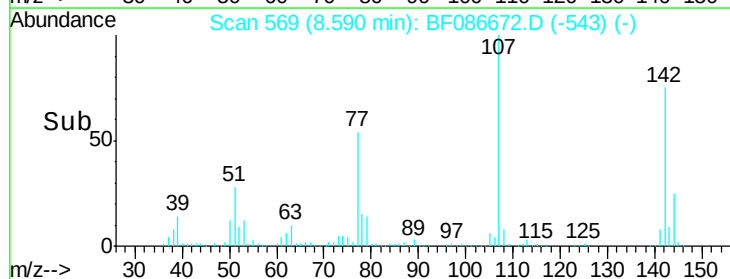
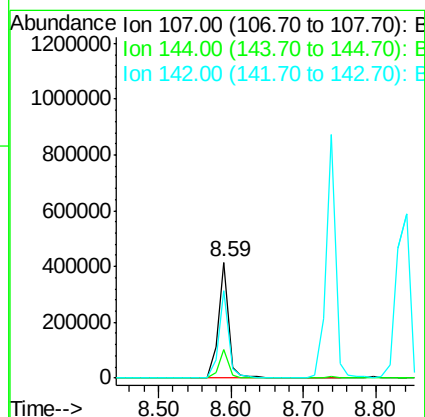
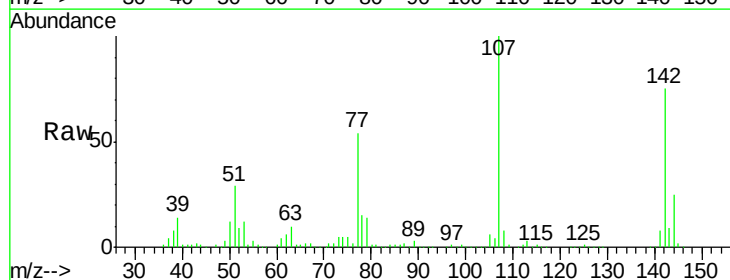
RT: 8.59 min Scan# 569

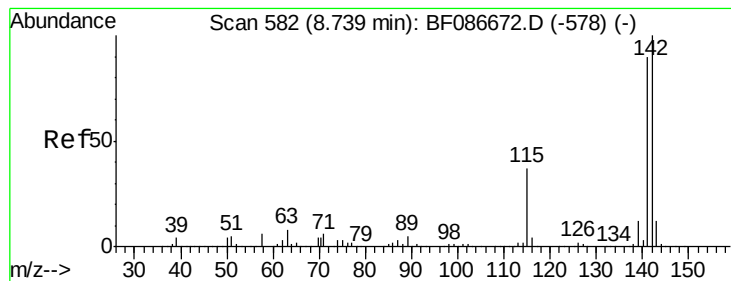
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	107	Resp:	417587
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.7	31.1
142	75.1	63.2	94.8





#37

2-Methylnaphthalene

Concen: 41.42 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

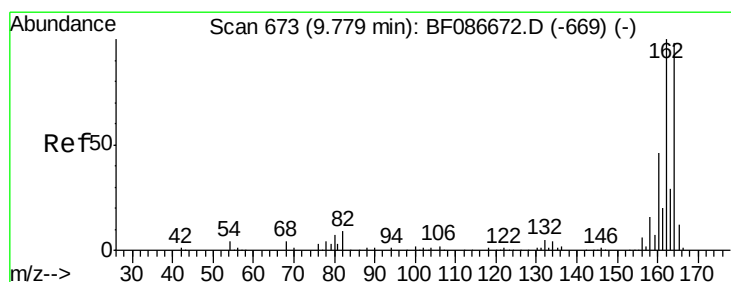
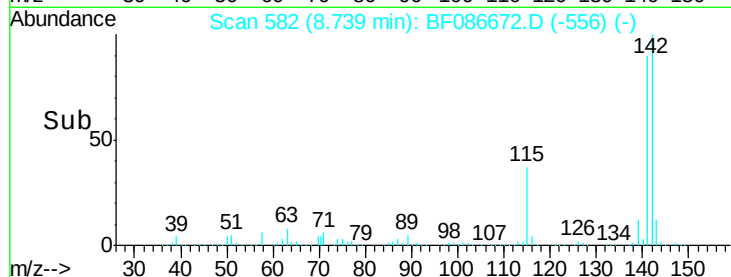
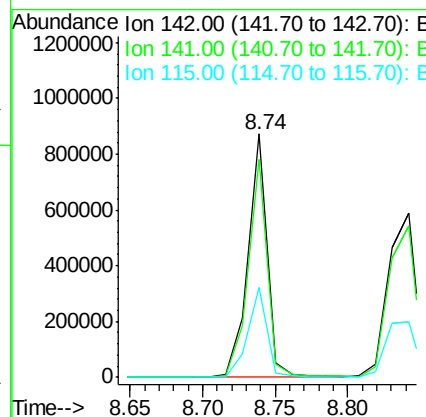
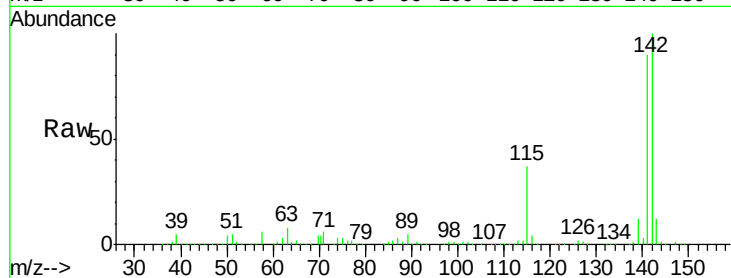
ClientSampleId :

SSTDICCC040

Tot Ion:	142	Resp:	803444
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.0	106.6
115	36.9	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

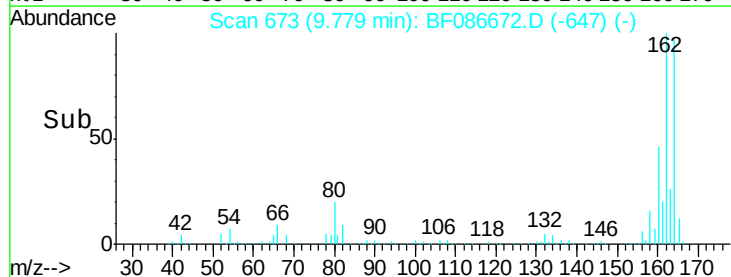
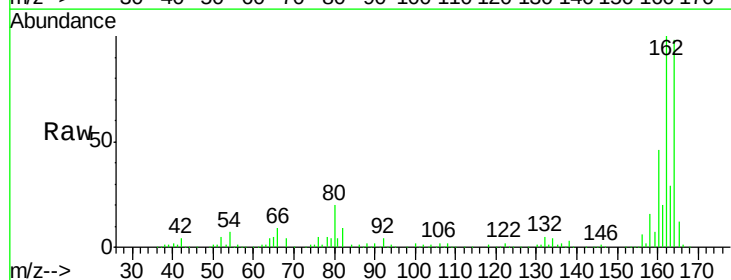
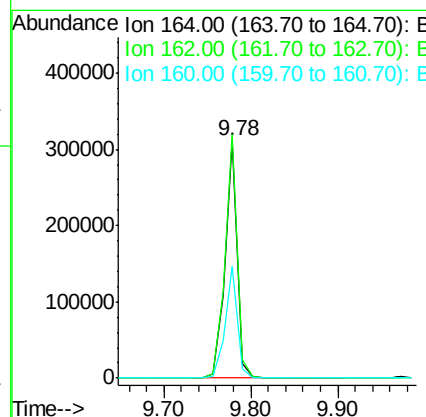
RT: 9.78 min Scan# 673

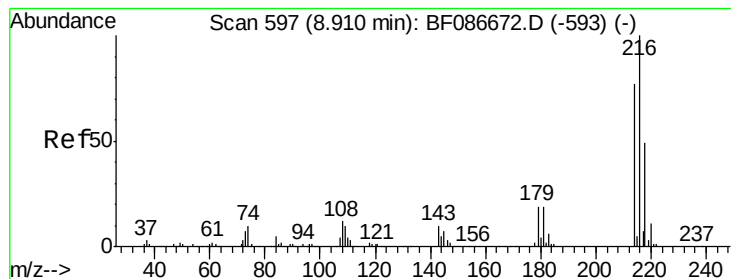
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	164	Resp:	309790
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.8	124.2
160	46.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.97 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF086672.D

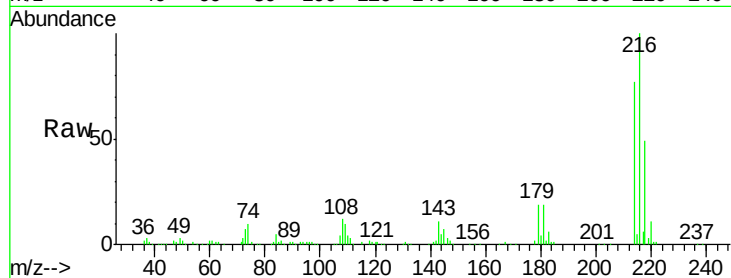
Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

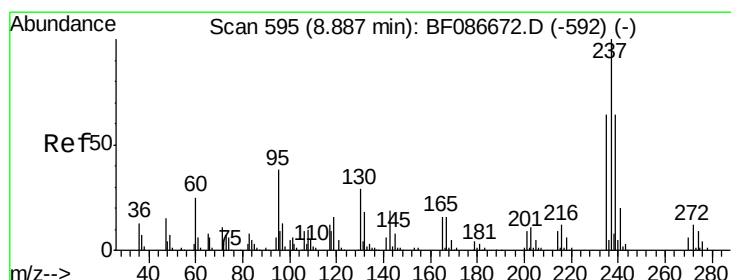
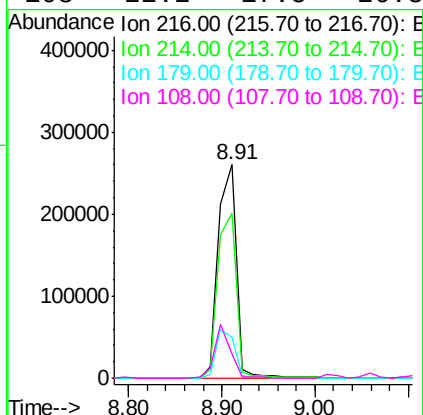
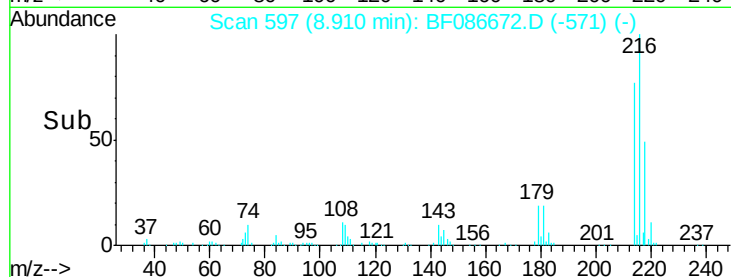
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
216	100	354459		
214	79.6	62.6	93.8	
179	23.2	18.2	27.4	
108	22.2	17.5	26.3	

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#40

Hexachlorocyclopentadiene

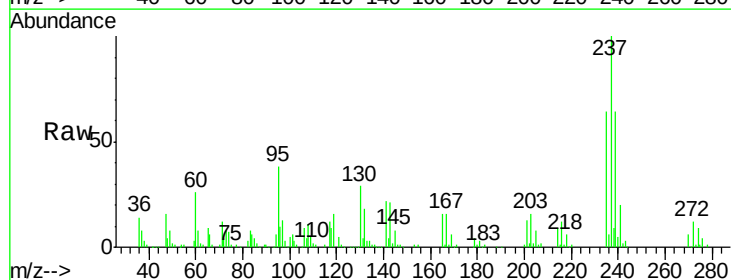
Concen: 31.62 ng

RT: 8.89 min Scan# 595

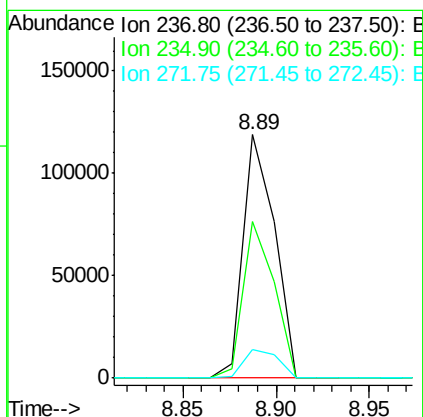
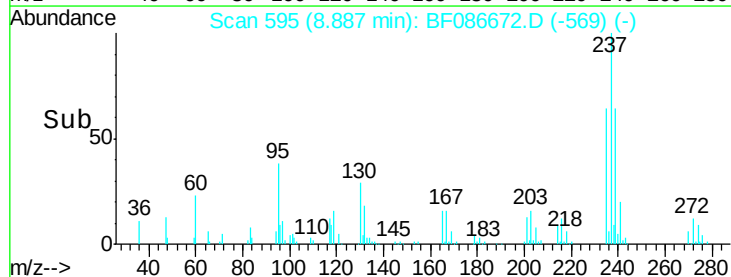
Delta R.T. 0.00 min

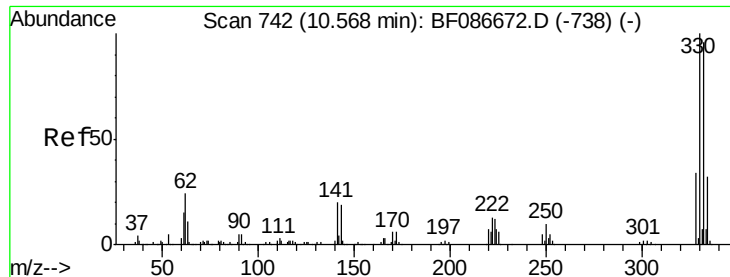
Lab File: BF086672.D

Acq: 4 May 2016 12:45



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	139333		
235	64.2	47.2	87.2	
272	11.5	0.0	31.1	





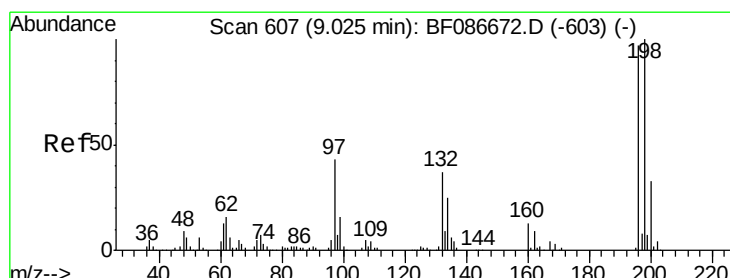
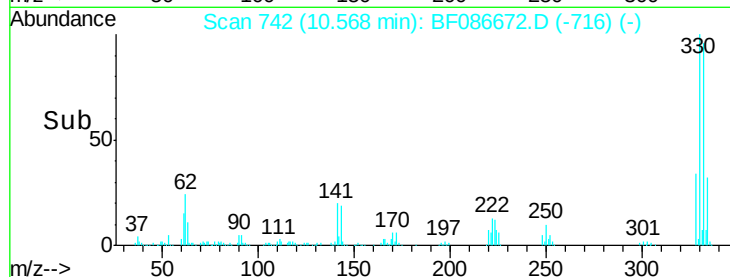
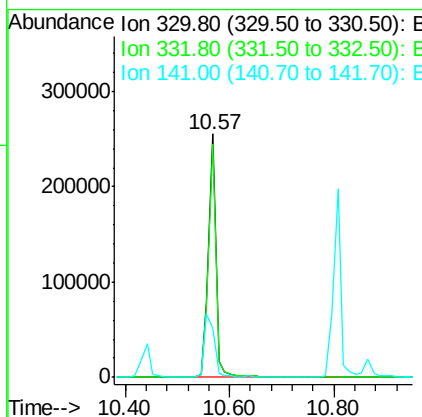
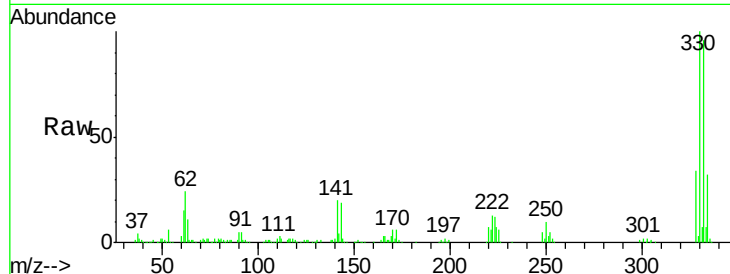
#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258614		
332	95.9	79.0	118.4	
141	34.1	31.2	46.8	

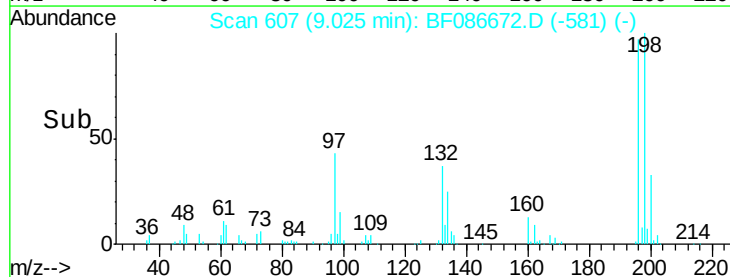
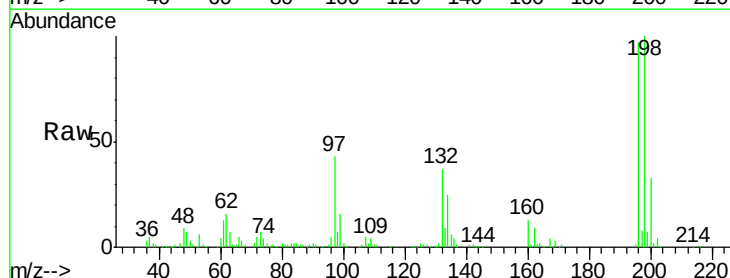
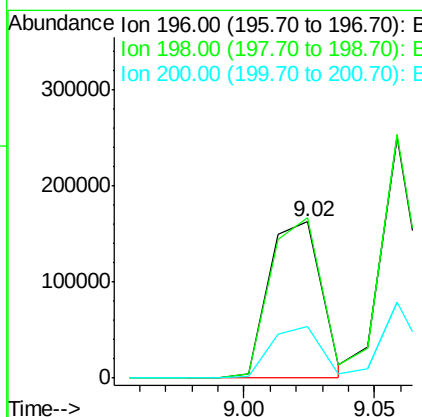
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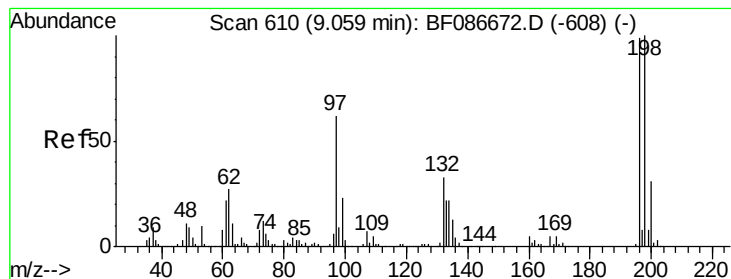
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#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227081		
198	102.6	74.7	112.1	
200	33.4	23.8	35.6	





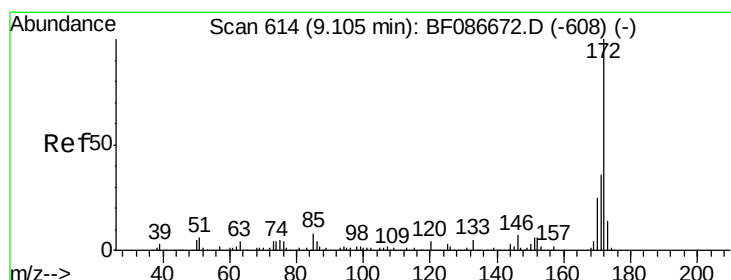
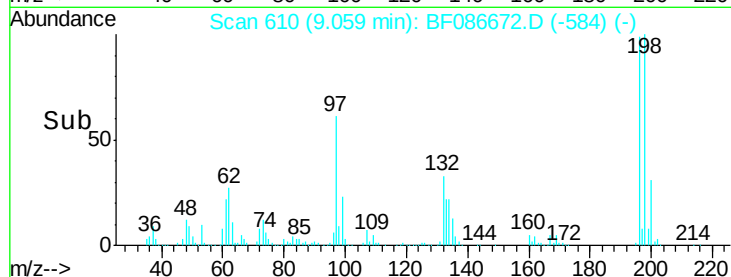
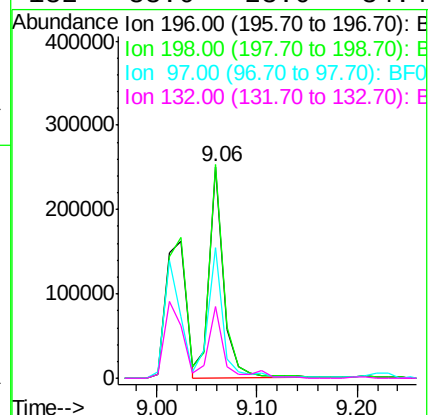
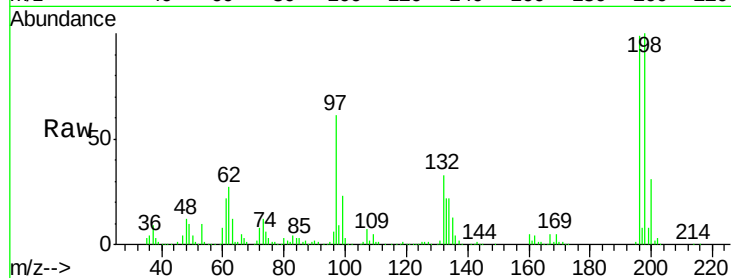
#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.0	77.5	116.3	
97	61.9	34.8	52.2	
132	33.6	23.0	34.4	

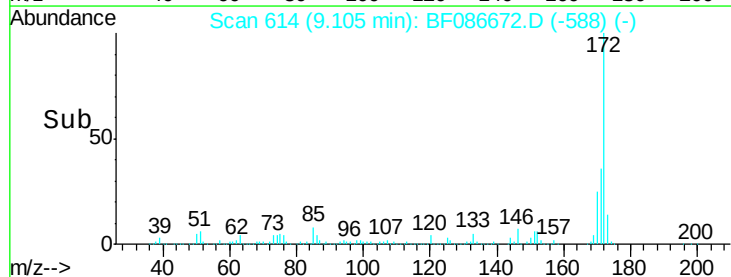
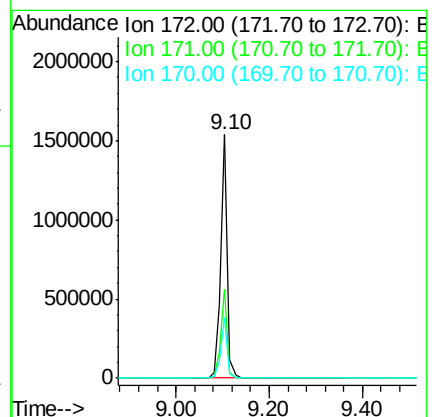
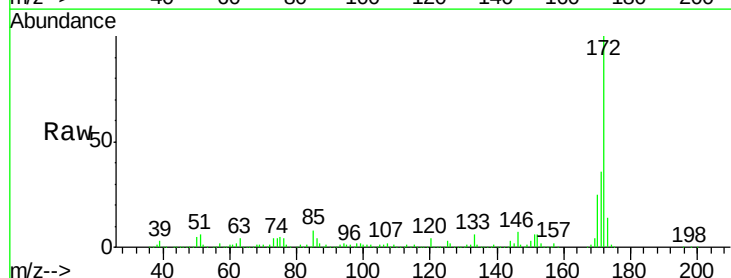
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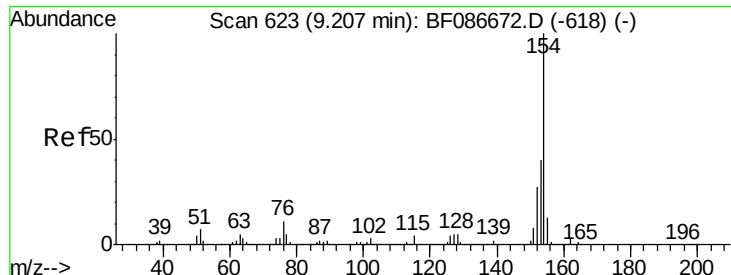
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#44
 2-Fluorobiphenyl
 Concen: 82.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

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





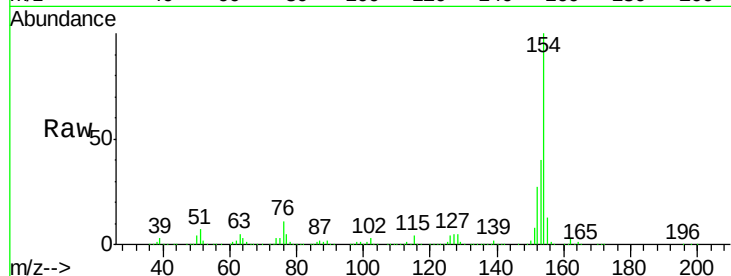
#45
 1,1'-Biphenyl
 Concen: 42.29 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

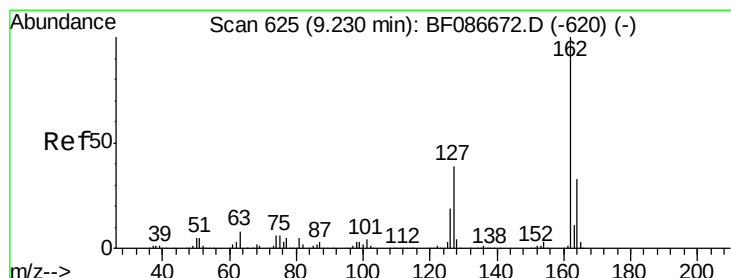
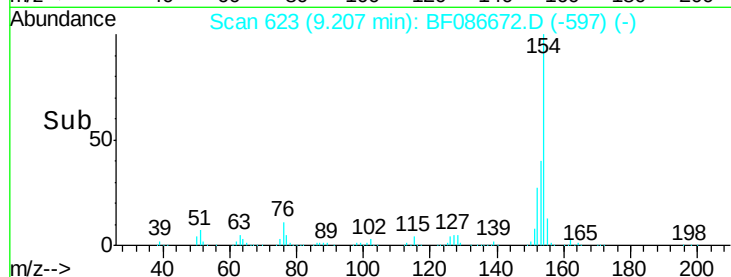
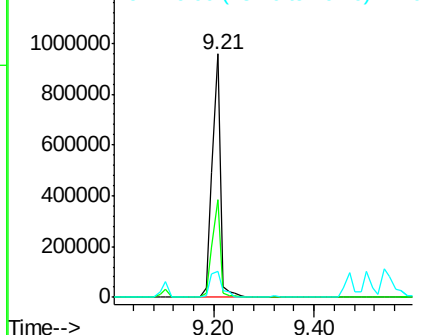
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	10.6	0.0	30.2

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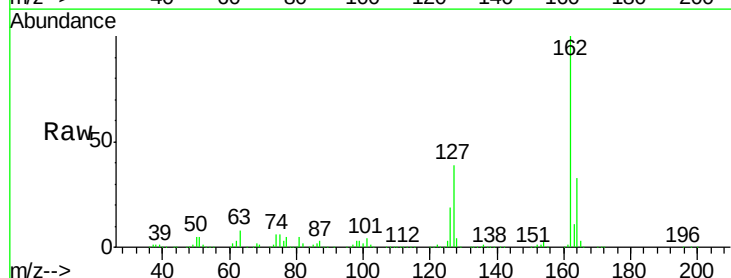


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

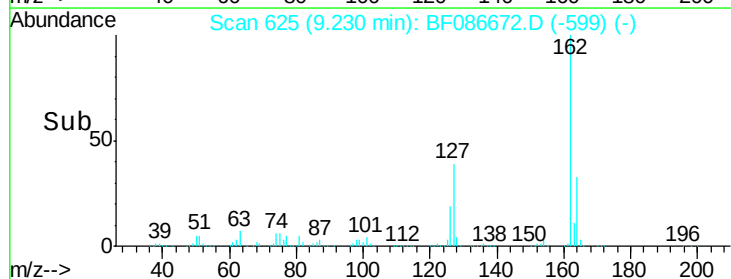
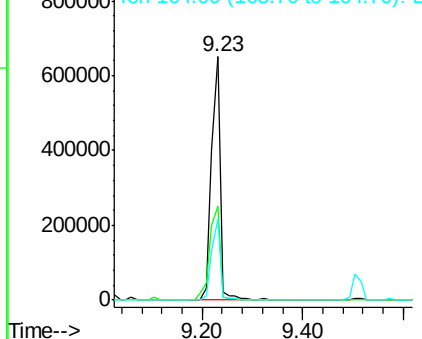


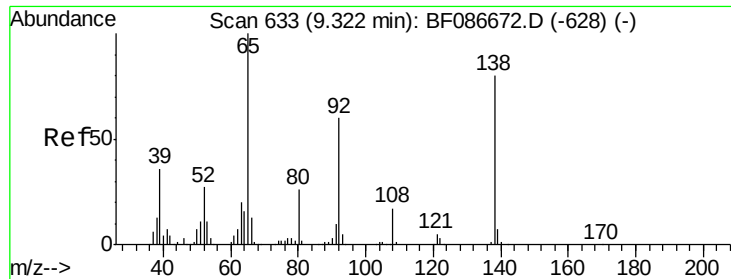
#46
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.8	47.6
164	33.3	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





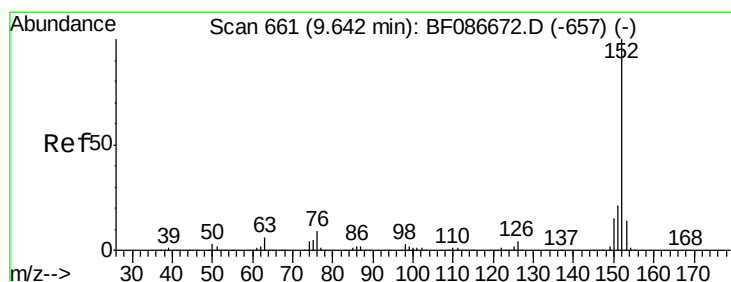
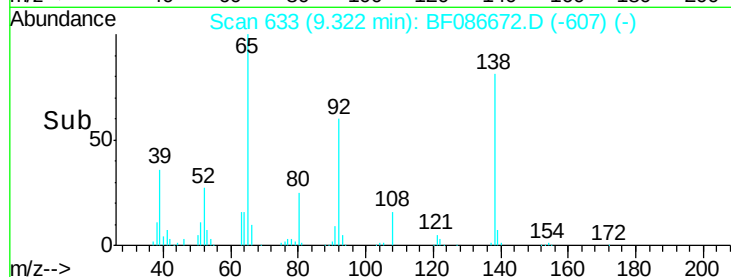
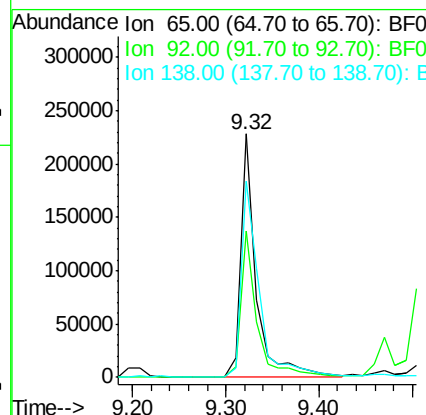
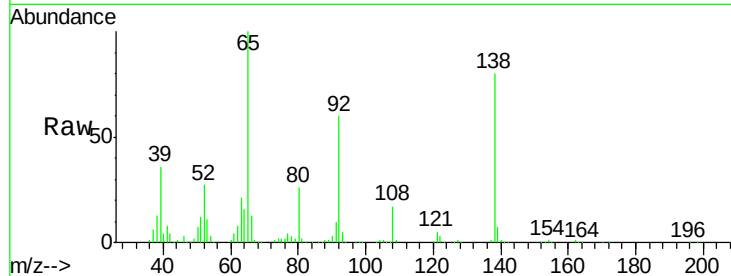
#47
2-Nitroaniline
Concen: 42.33 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.9	57.4	86.2
138	80.4	90.1	135.1#

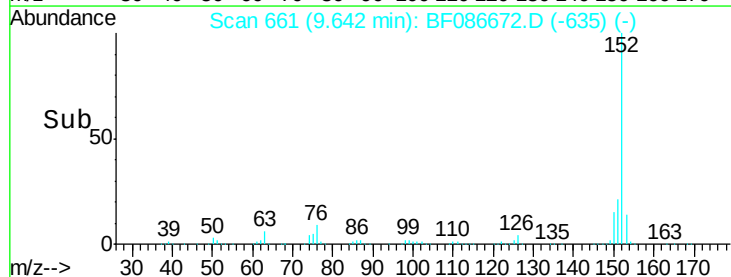
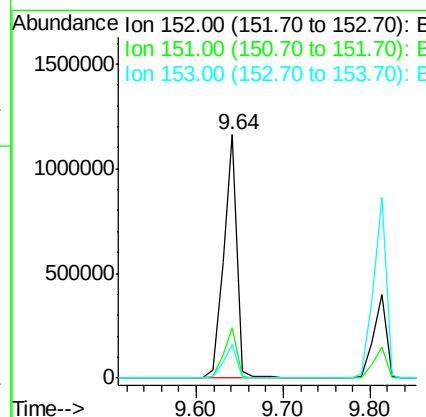
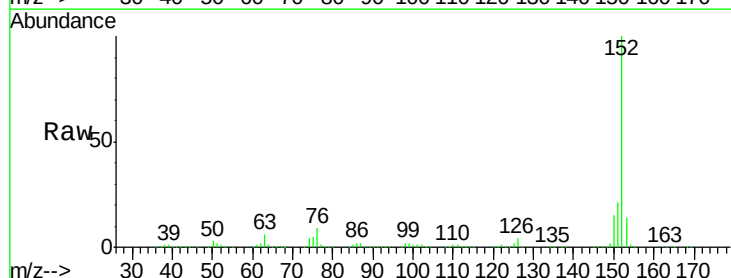
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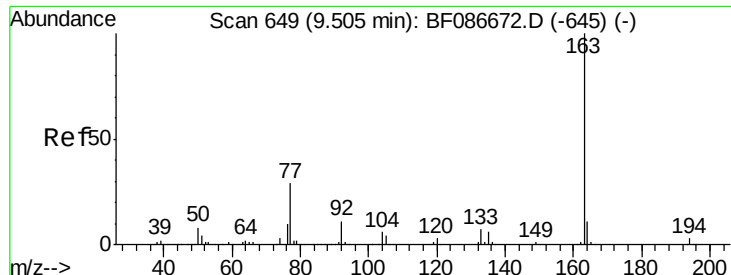
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#48
Acenaphthylene
Concen: 40.39 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.9	10.9	16.3





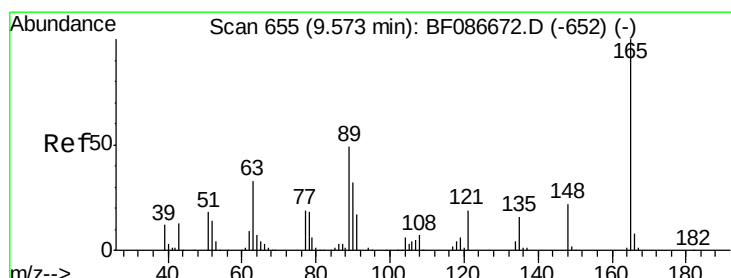
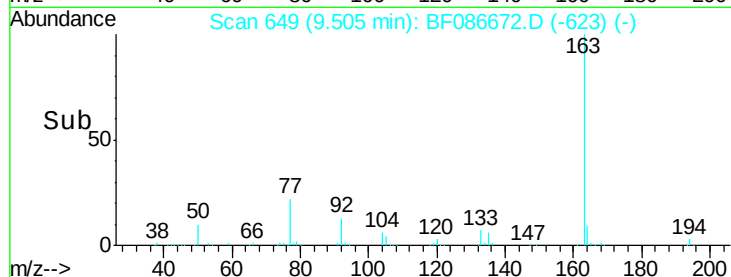
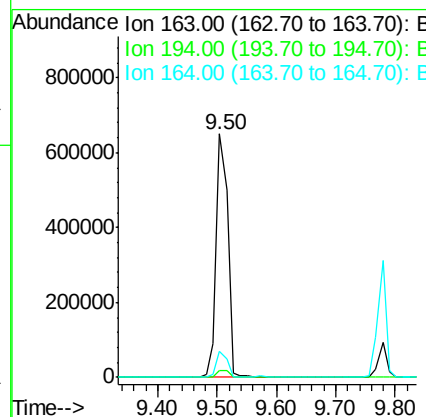
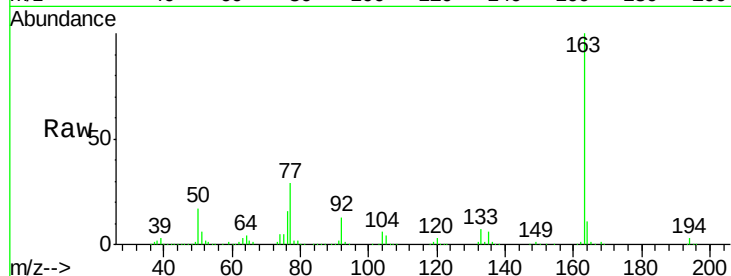
#49
Dimethylphthalate
Concen: 37.68 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	878808		
194	3.0	2.6	4.0	
164	10.6	8.2	12.4	

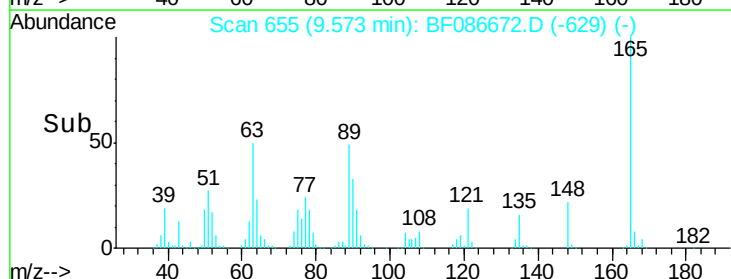
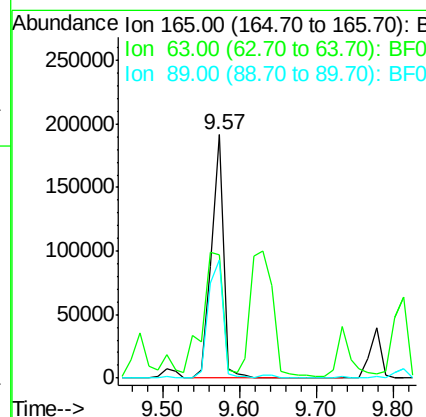
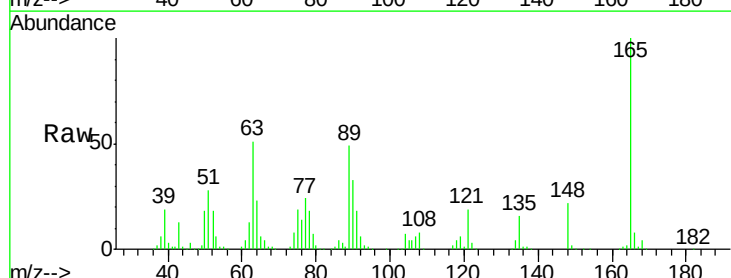
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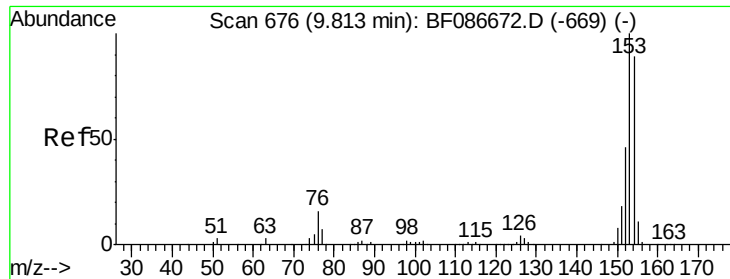
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#50
2,6-Dinitrotoluene
Concen: 43.15 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207910		
63	50.8	51.8	77.8#	
89	48.7	50.7	76.1#	





#51

Acenaphthene

Concen: 38.95 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

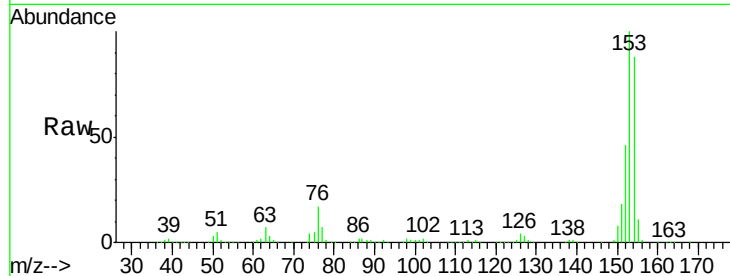
ClientSampleId :

SSTDICCC040

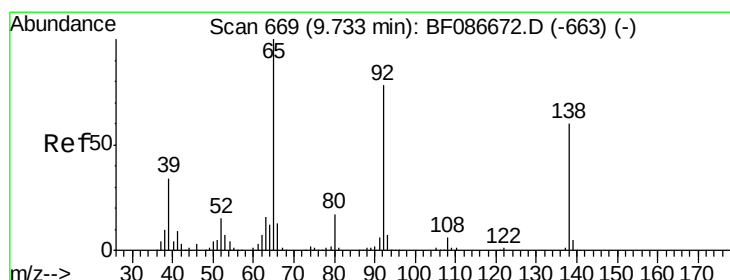
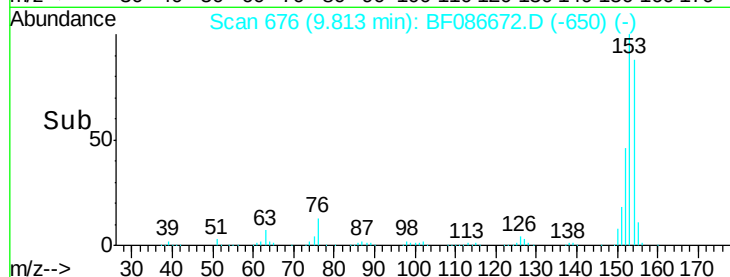
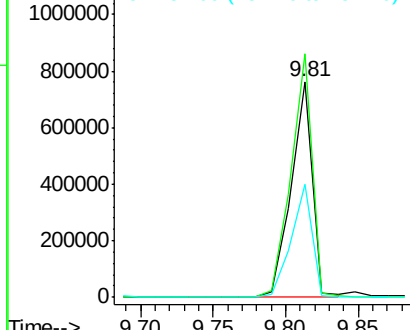
Tot Ion:	154	Resp:	769932
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.5	43.4	65.0

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: 40.27 ng

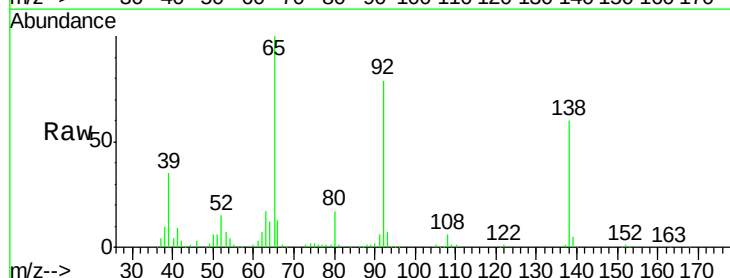
RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

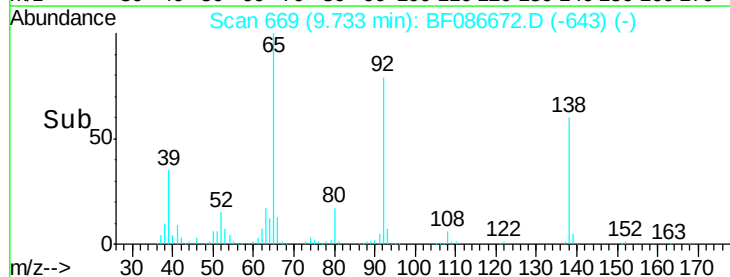
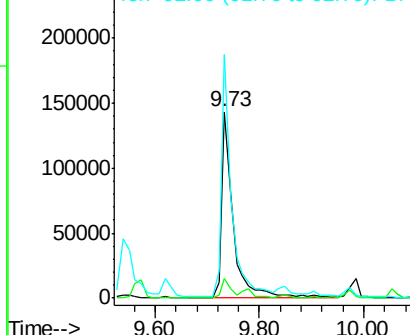
Lab File: BF086672.D

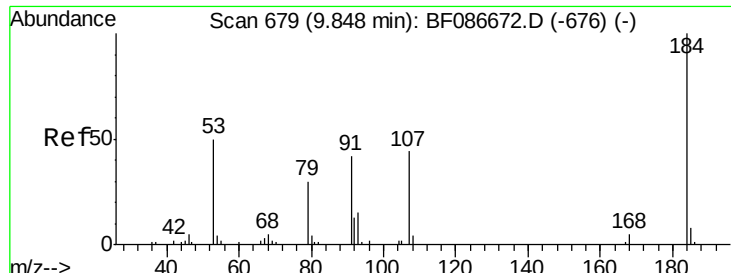
Acq: 4 May 2016 12:45

Tgt Ion:	138	Resp:	220676
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	130.9	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





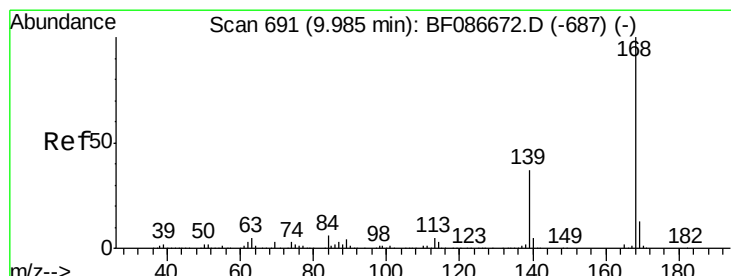
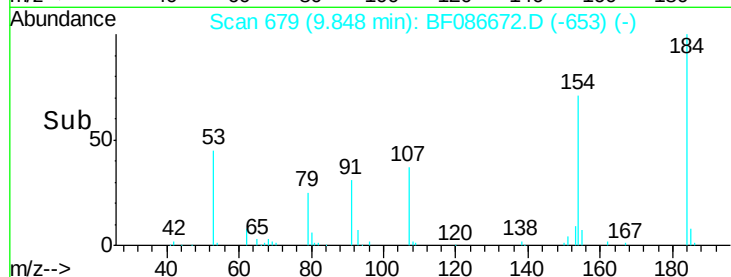
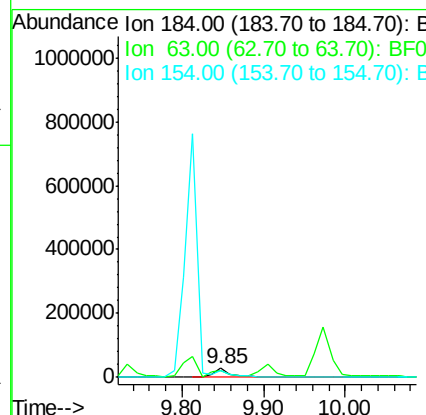
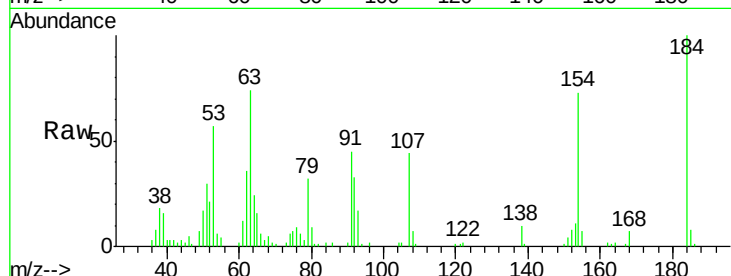
#53
2,4-Dinitrophenol
Concen: 21.84 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.0	55.8	83.8
154	72.7	62.4	93.6

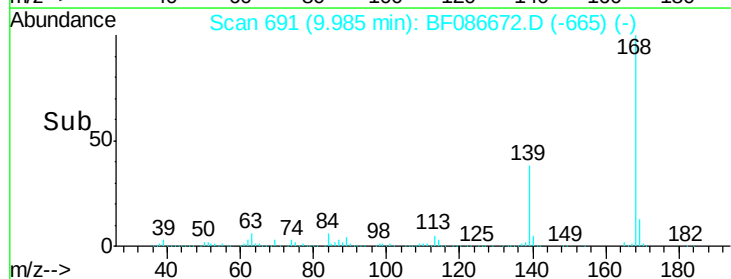
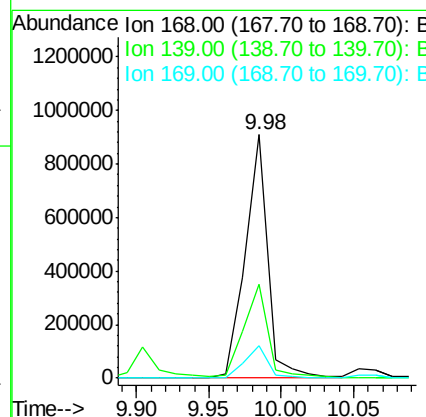
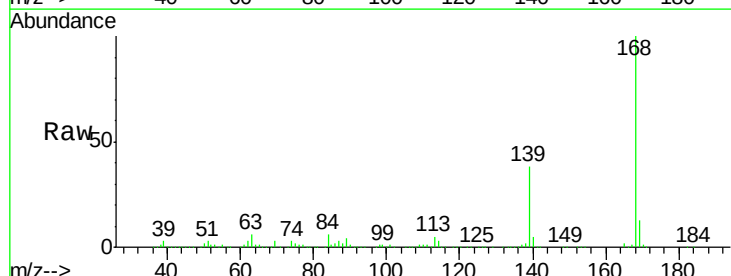
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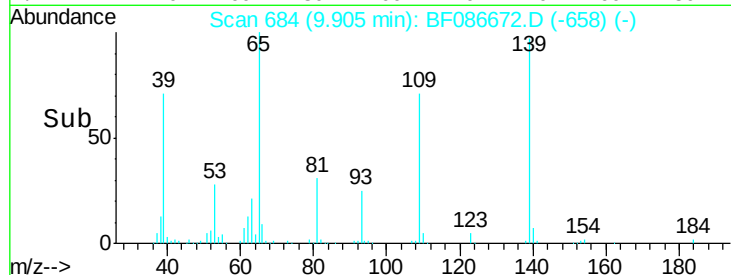
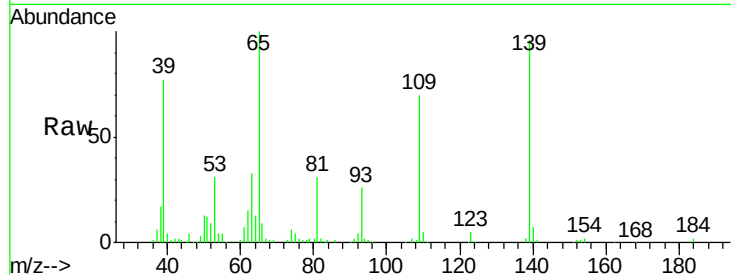
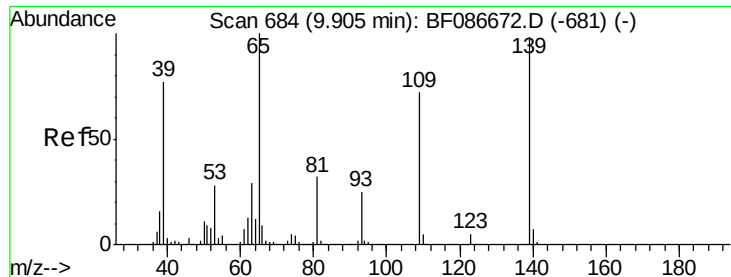
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#54
Dibenzofuran
Concen: 39.87 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.4	47.0
169	13.4	10.7	16.1





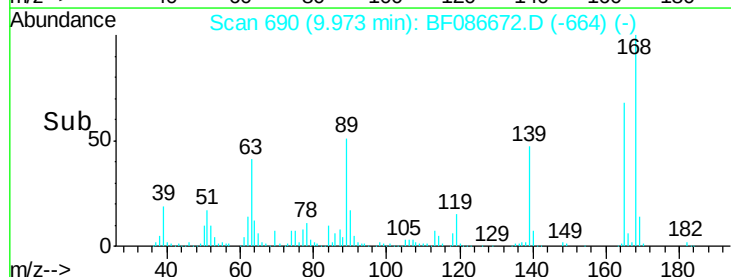
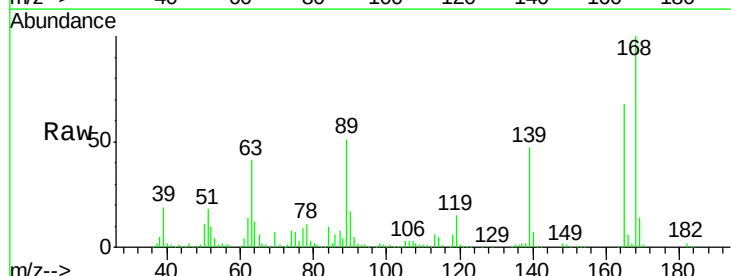
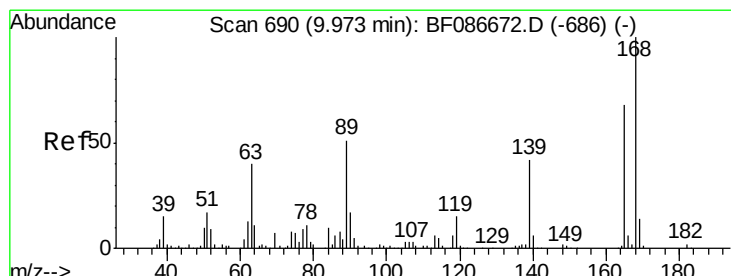
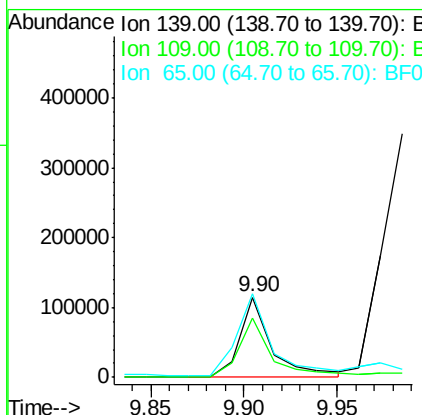
#55
4-Nitrophenol
Concen: 38.49 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tot Ion	Ratio	Resp	Lower	Upper
139	100	138102		
109	73.2	36.9	76.9	
65	104.6	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

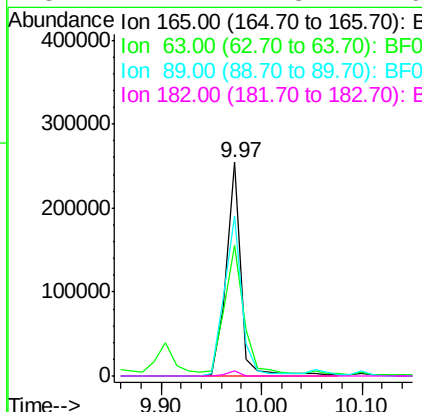
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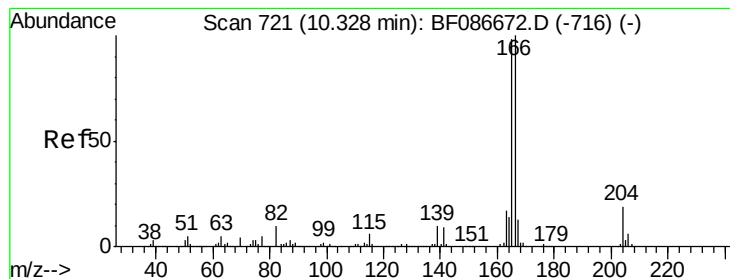
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#56
2,4-Dinitrotoluene
Concen: 42.57 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	261480		
63	61.2	44.3	66.5	
89	75.2	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 38.15 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 818271

Ion Ratio Lower Upper

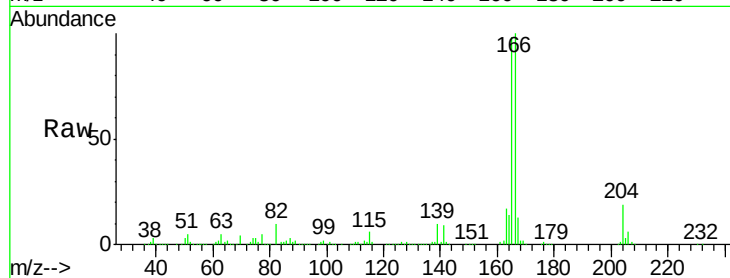
166 100

165 98.3 79.0 118.6

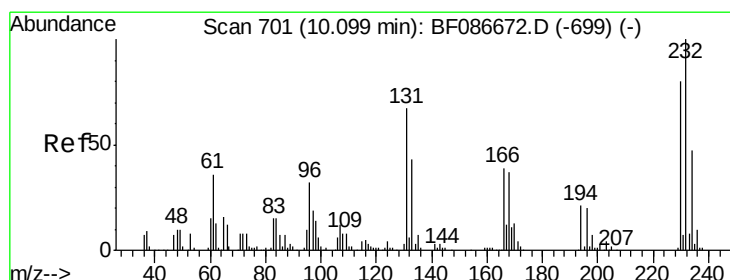
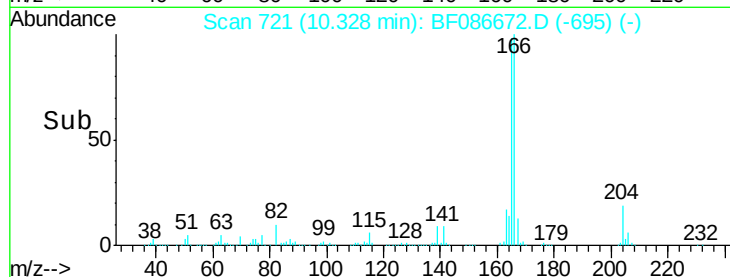
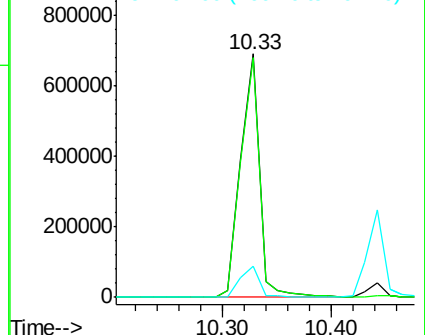
167 12.9 10.6 15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.70 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:232 Resp: 180068

Ion Ratio Lower Upper

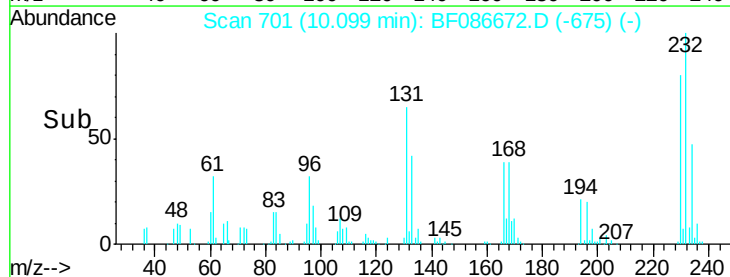
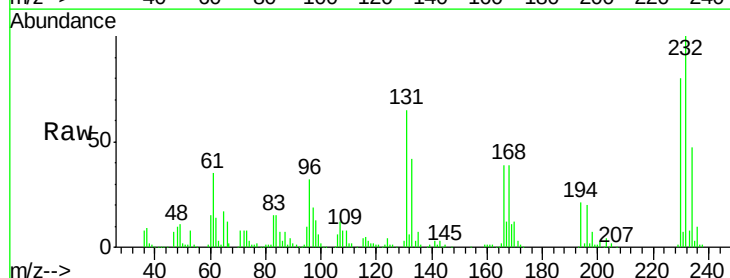
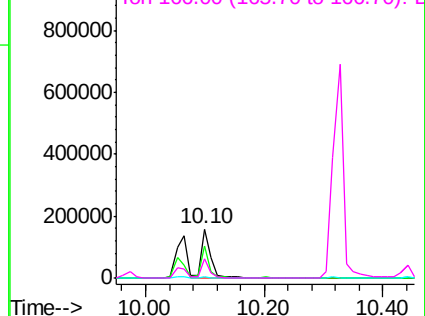
232 100

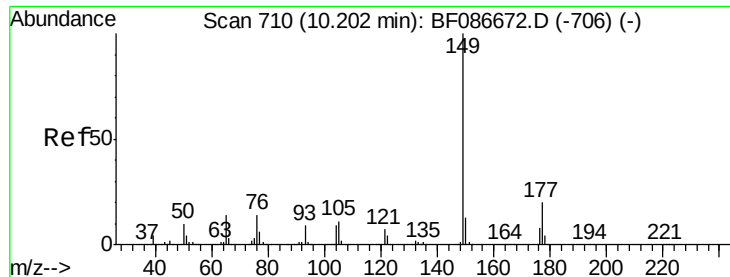
131 54.0 41.9 62.9

130 2.5 2.2 3.4

166 31.9 26.8 40.2

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





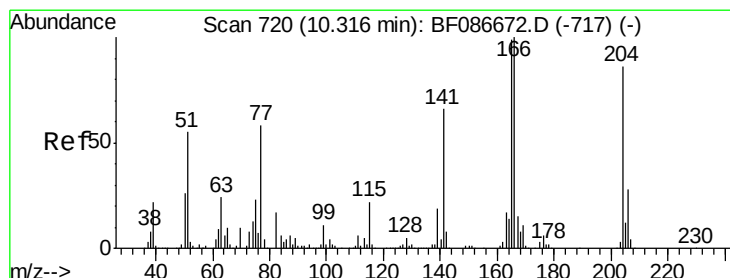
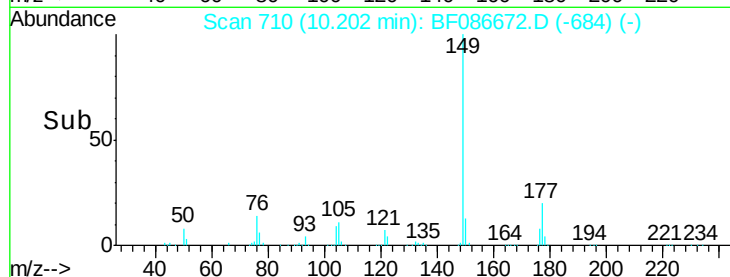
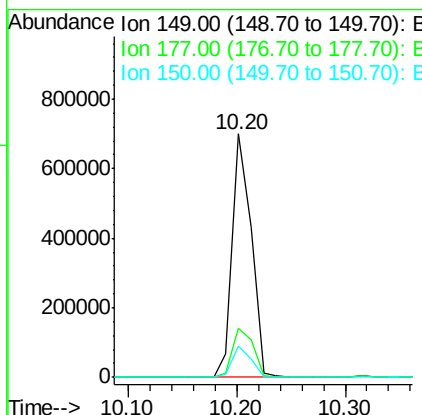
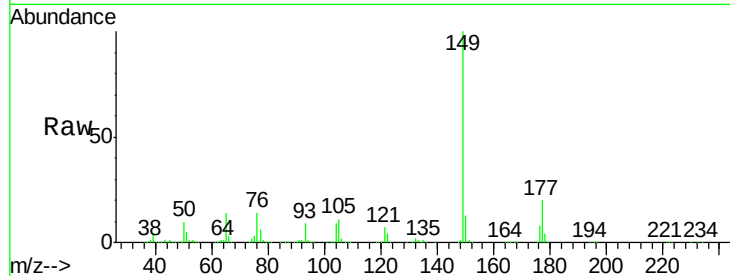
#59
Diethylphthalate
Concen: 38.08 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	840740		
177	20.2	16.6	24.8	
150	12.8	10.0	15.0	

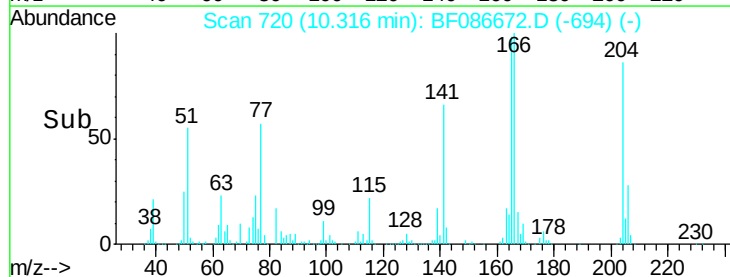
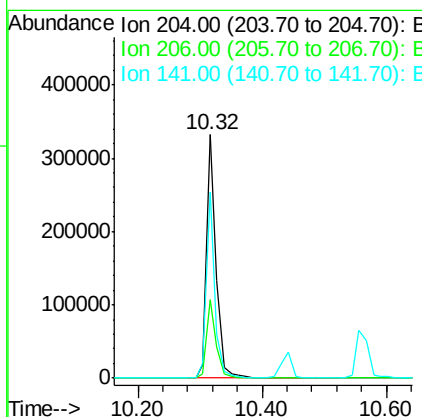
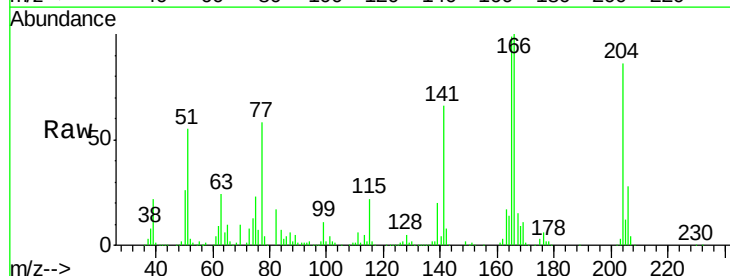
Manual Integrations
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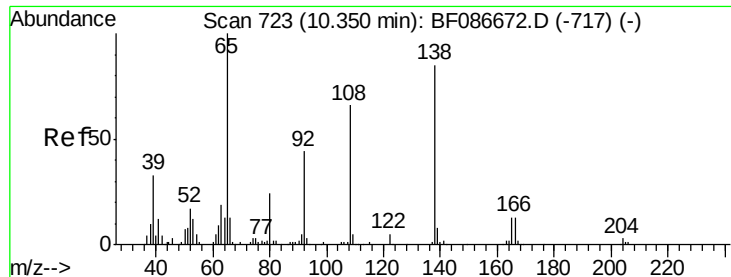
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#60
4-Chlorophenyl-phenylether
Concen: 36.46 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	355066		
206	32.4	25.4	38.0	
141	76.6	61.6	92.4	





#61

4-Nitroaniline

Concen: 41.54 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

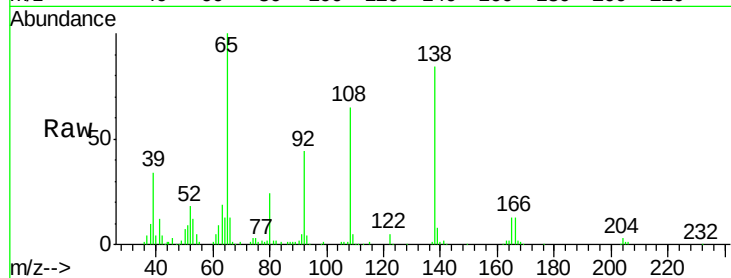
ClientSampleId :

SSTDICCC040

Tot Ion:	138	Resp:	222487
Ion Ratio	Lower	Upper	
138	100		
92	52.0	24.7	64.7
108	77.3	37.4	77.4

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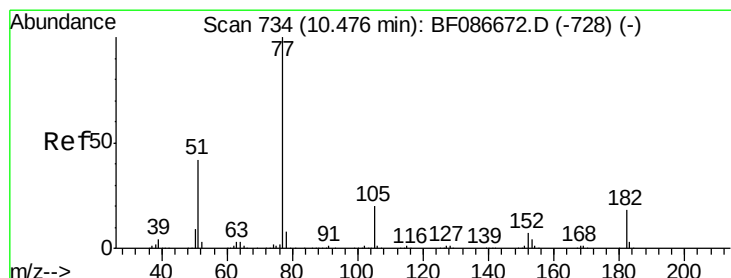
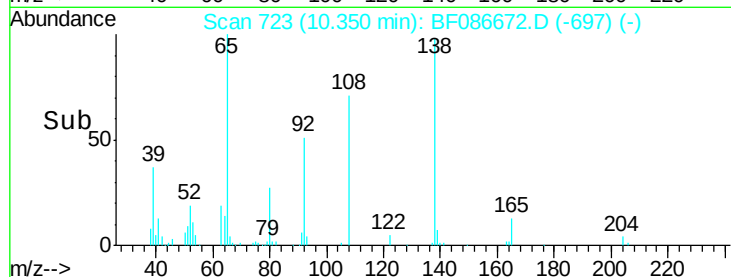
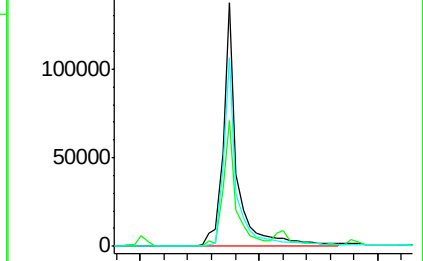
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.54 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

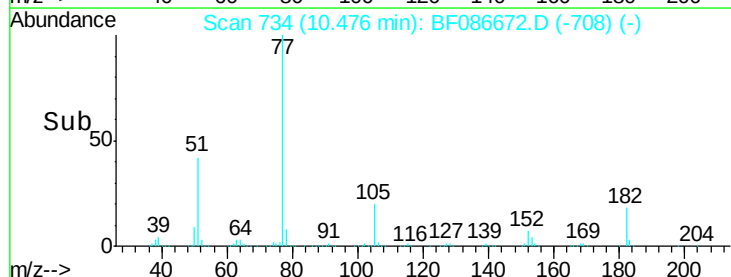
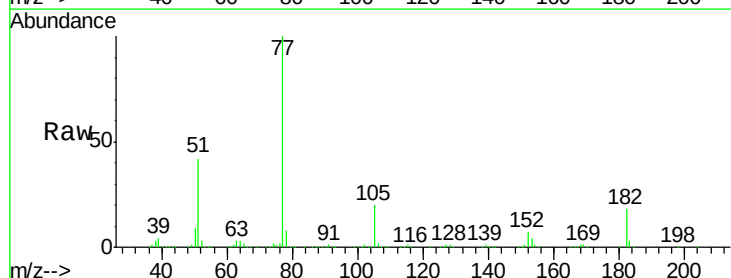
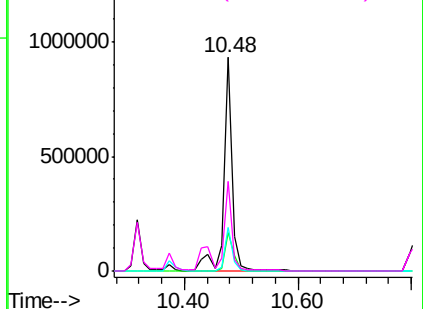
Tgt Ion:	77	Resp:	956108
Ion Ratio	Lower	Upper	
77	100		
182	17.9	0.0	38.8
105	20.5	3.2	43.2
51	42.0	8.8	48.8

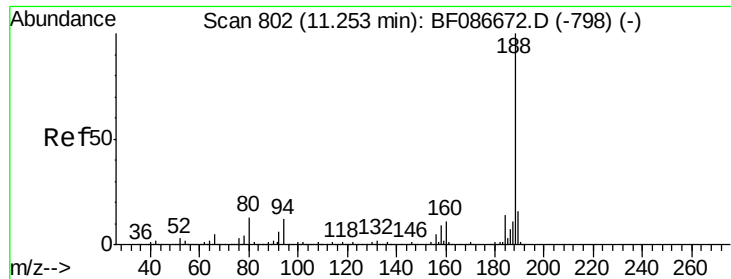
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





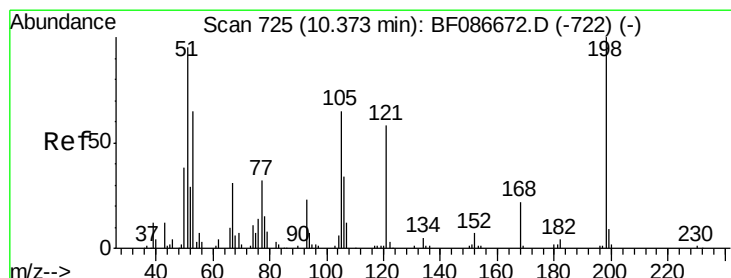
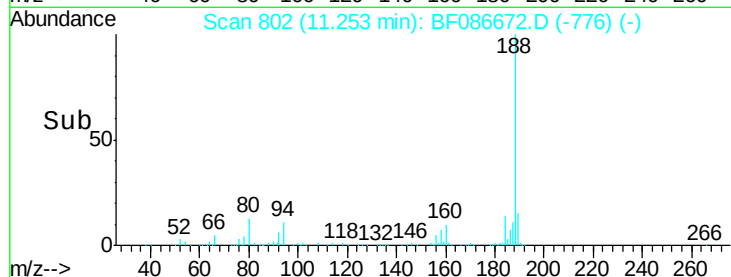
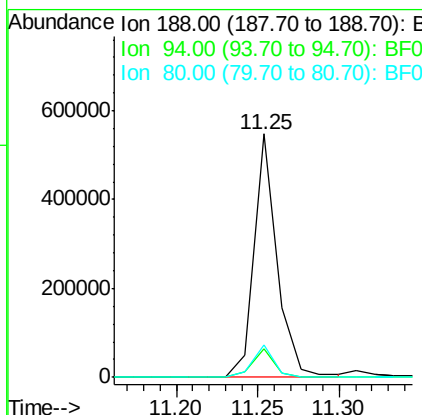
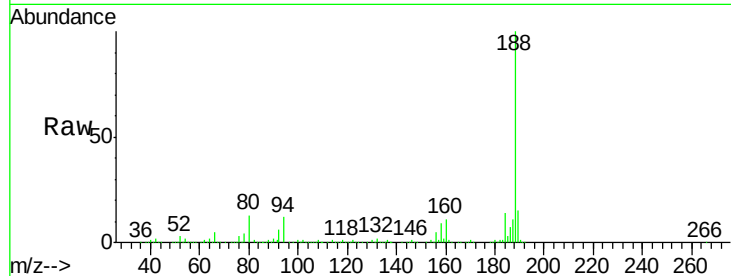
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	538175		
94	11.9	6.8	10.2#	
80	13.1	7.1	10.7#	

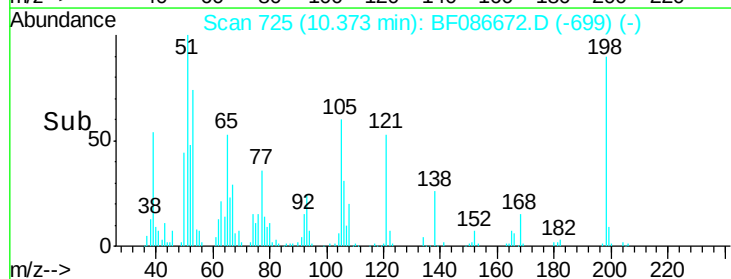
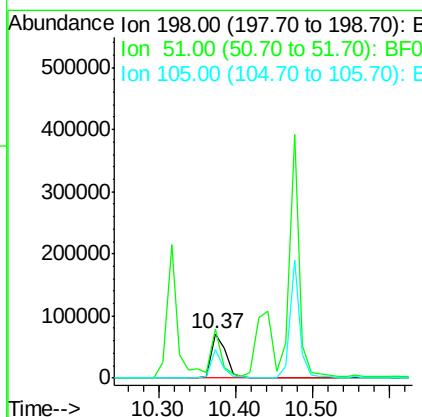
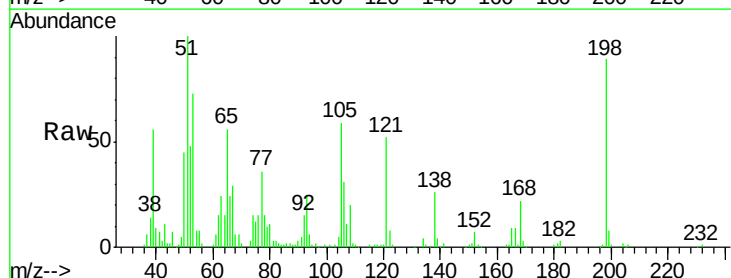
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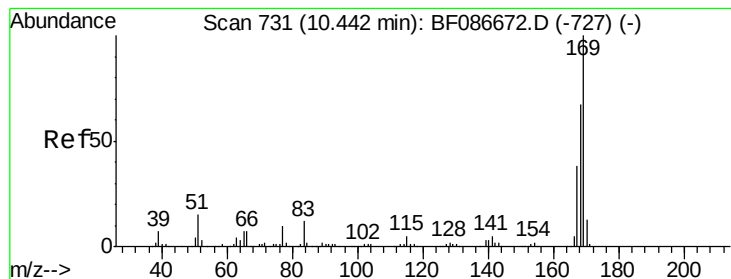
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.87 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	94377		
51	112.2	20.5	60.5#	
105	65.9	24.5	64.5#	





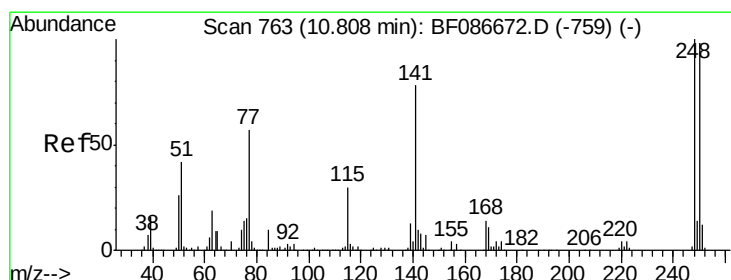
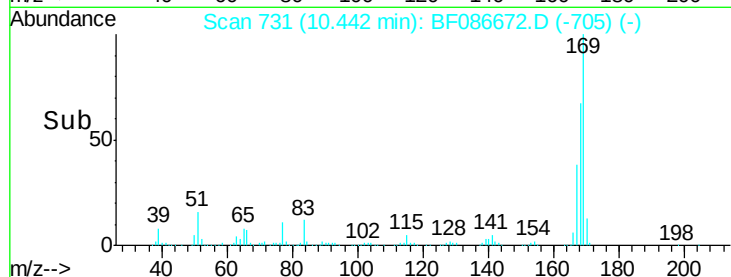
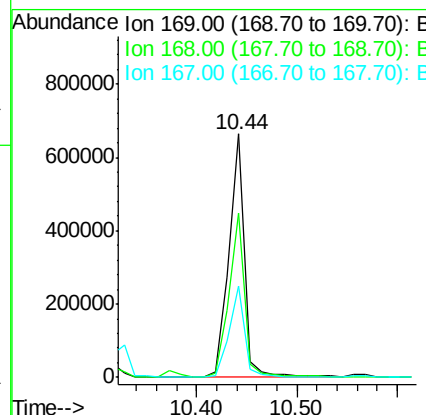
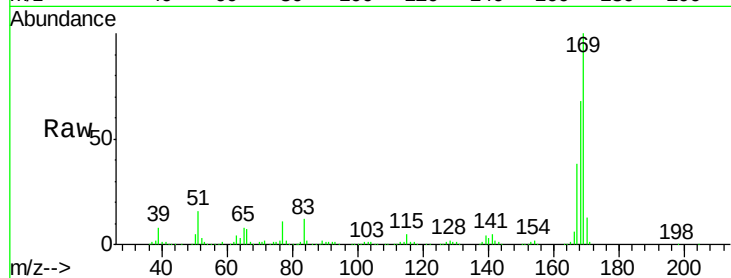
#65
n-Nitrosodiphenylamine
Concen: 42.36 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	712509		
168	67.6		53.8	80.6
167	37.6		29.5	44.3

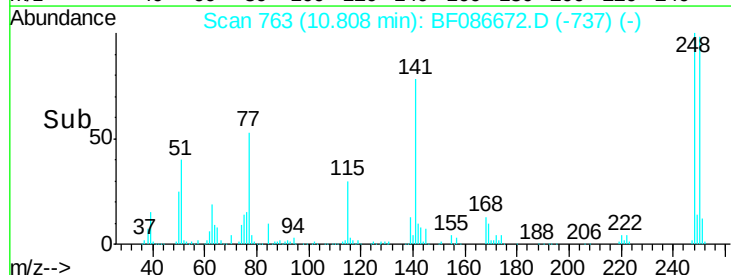
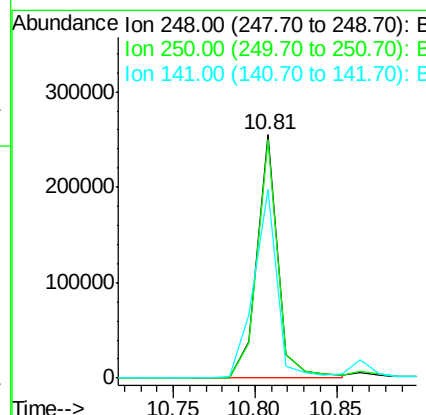
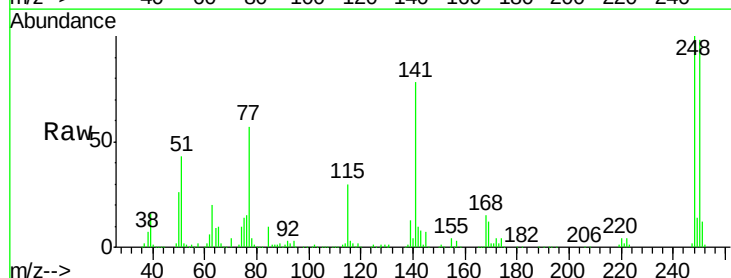
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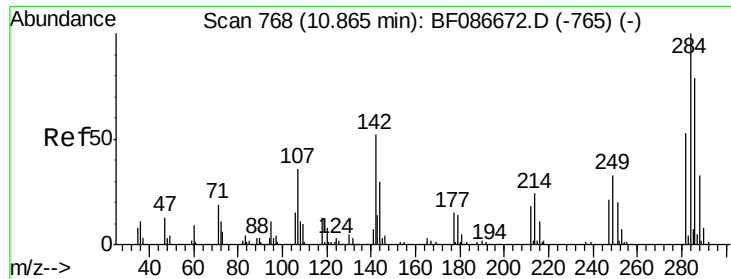
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#66
4-Bromophenyl-phenylether
Concen: 41.18 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228392		
250	97.9		78.6	117.8
141	77.7		76.0	114.0





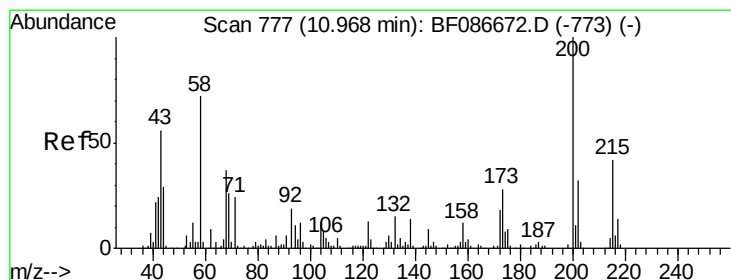
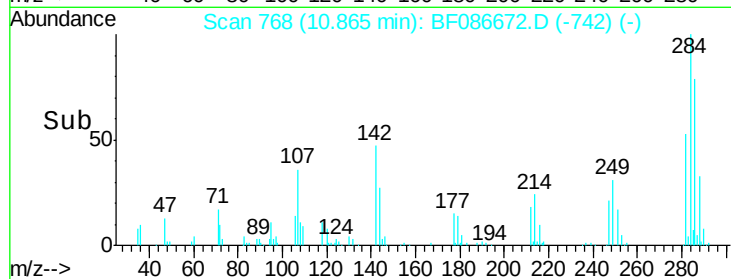
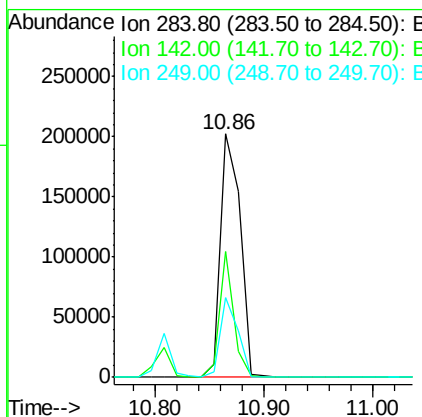
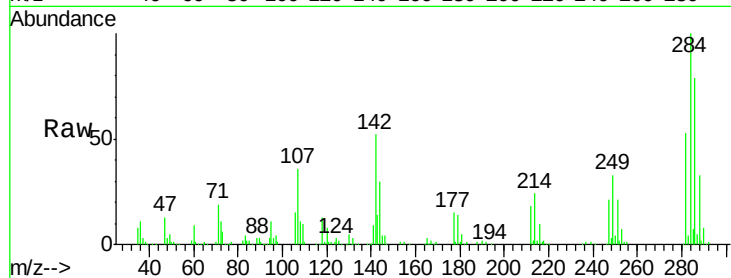
#67
Hexachlorobenzene
Concen: 40.10 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	257427		
142	51.9	16.7	25.1#	
249	33.0	21.3	31.9#	

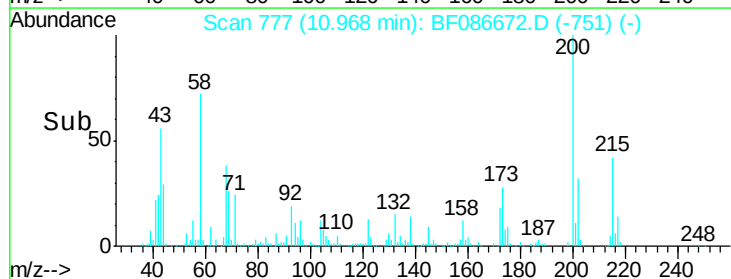
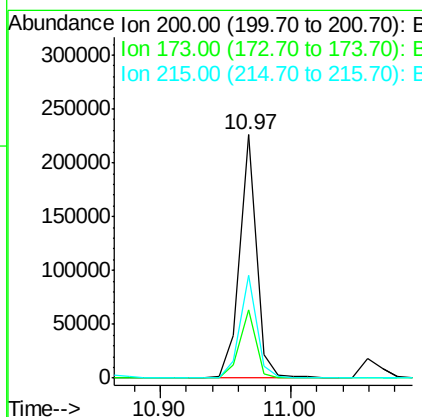
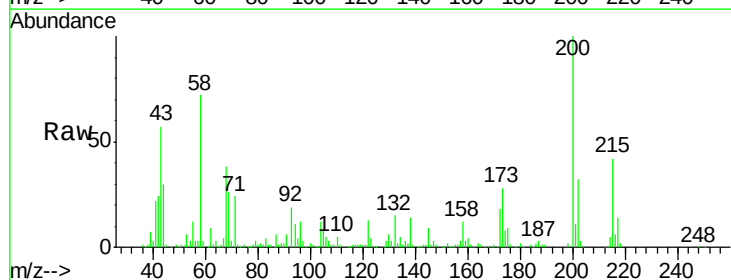
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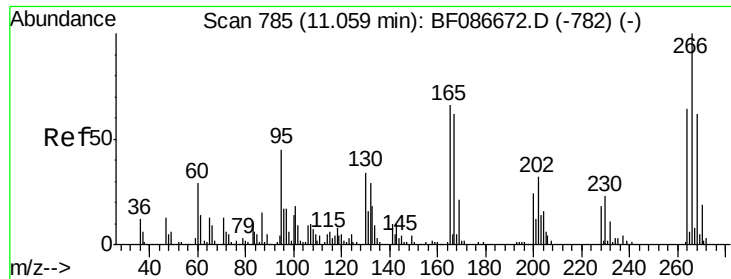
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#68
Atrazine
Concen: 40.05 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	202301		
173	28.3	8.5	48.5	
215	42.0	27.2	67.2	





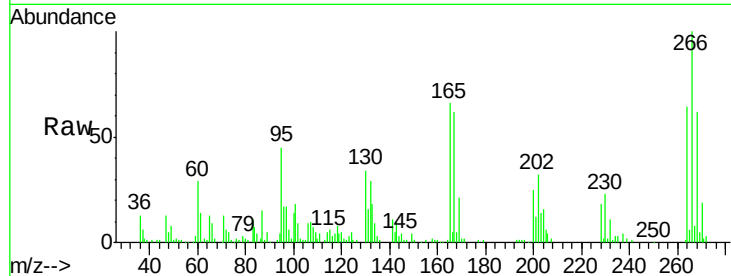
#69
 Pentachlorophenol
 Concen: 32.08 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

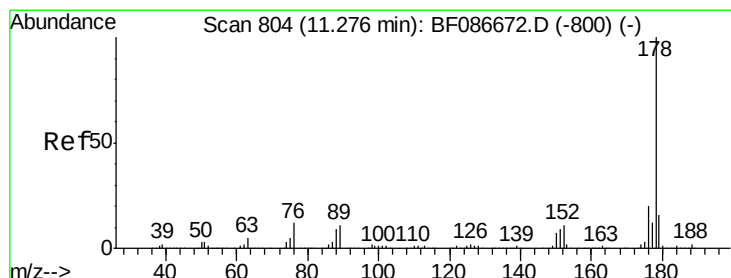
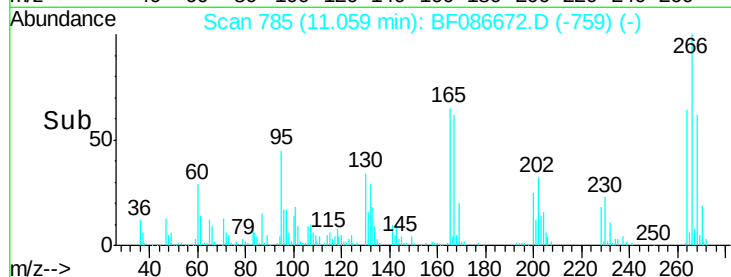
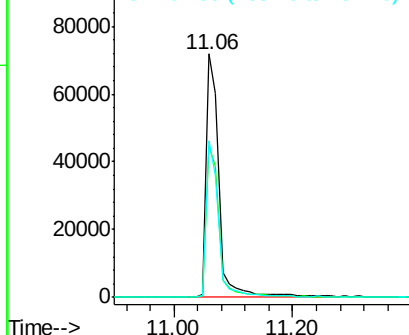
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108556		
268	62.1		51.5	77.3
264	64.4		52.9	79.3

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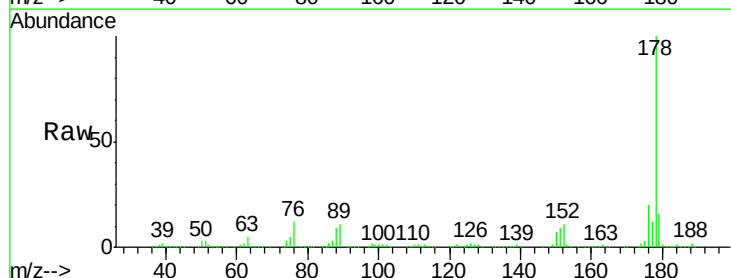


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

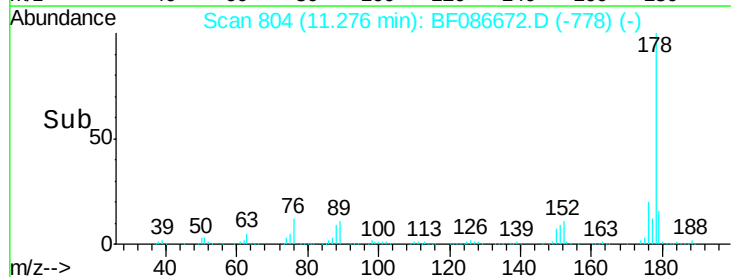
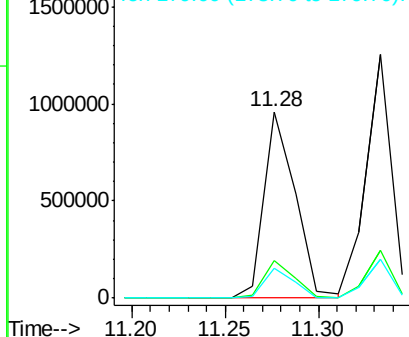


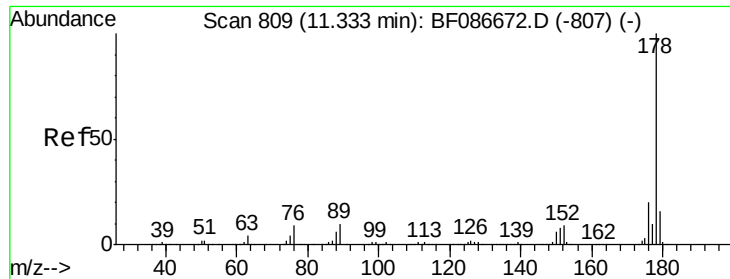
#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1110236		
176	20.3		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





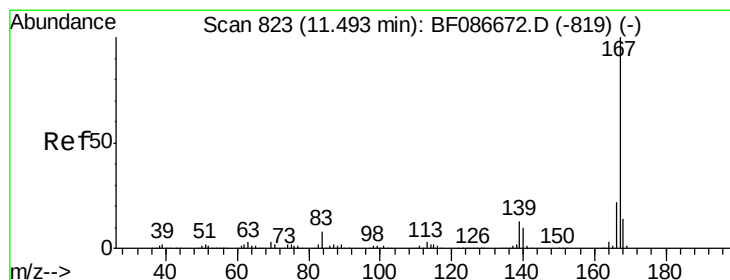
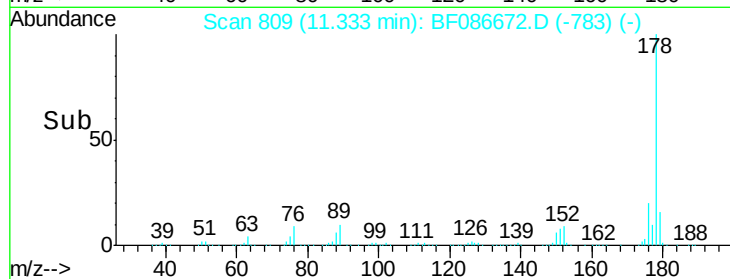
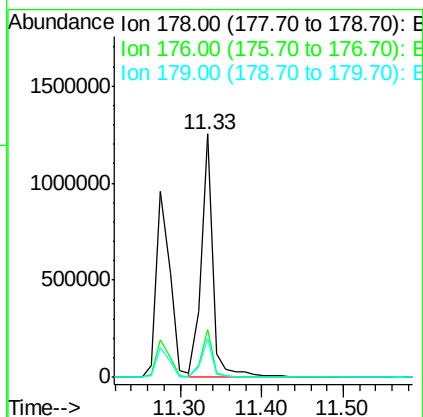
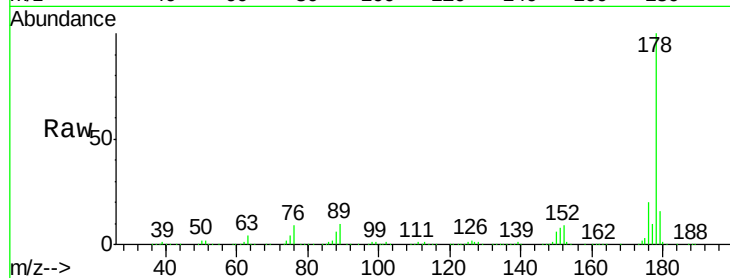
#71
 Anthracene
 Concen: 41.96 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1264578
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.8 12.7 19.1

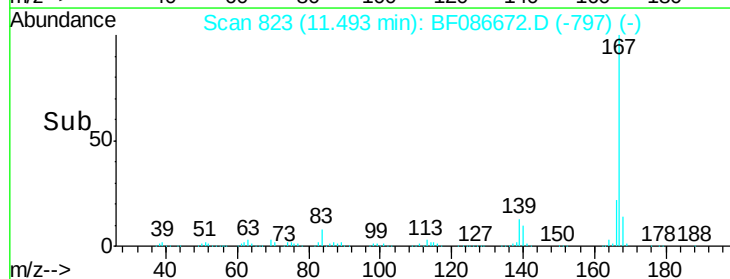
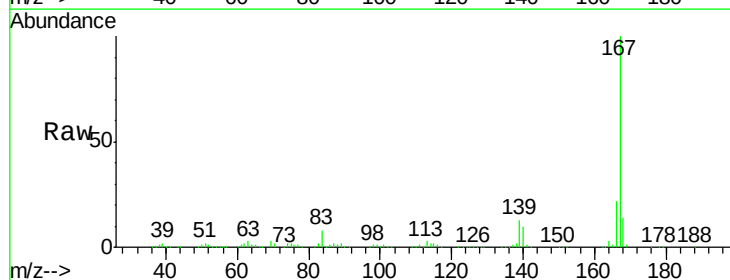
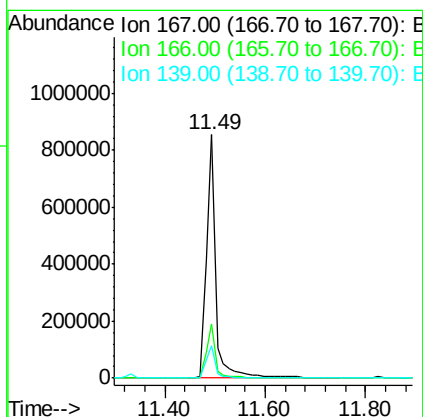
Manual Integrations
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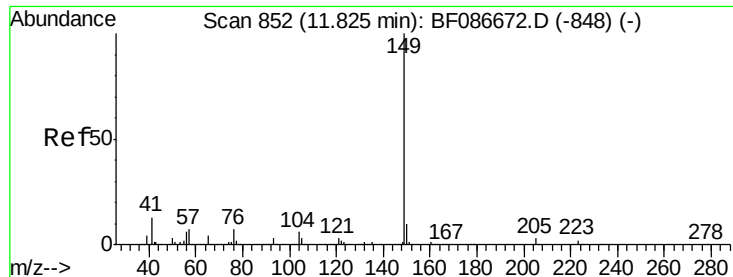
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#72
 Carbazole
 Concen: 41.16 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:167 Resp: 1099416
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.02 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1211018

Ion Ratio Lower Upper

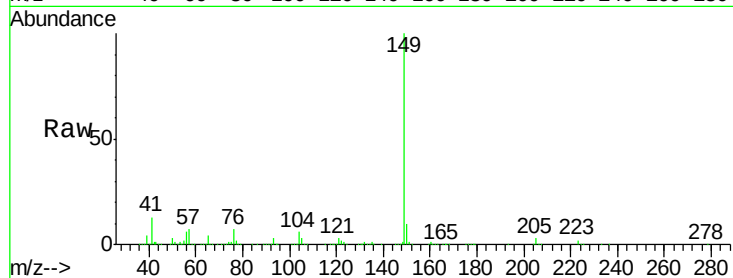
149 100

150 9.7 7.6 11.4

104 6.1 3.8 5.6#

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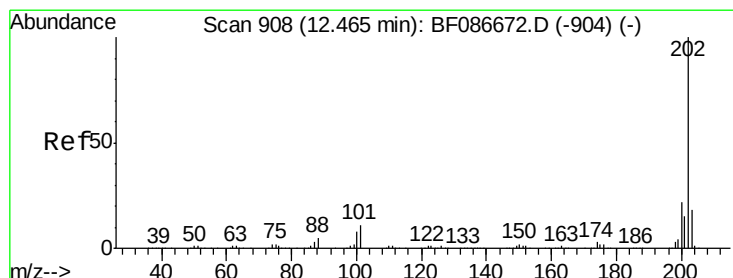
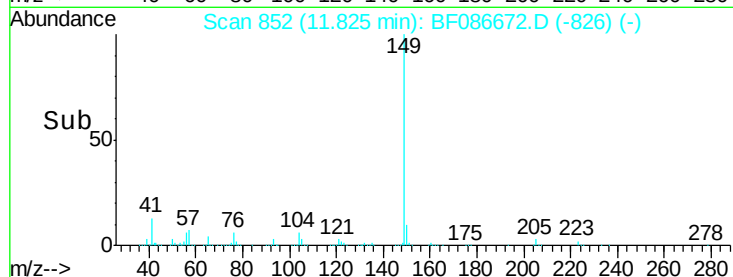
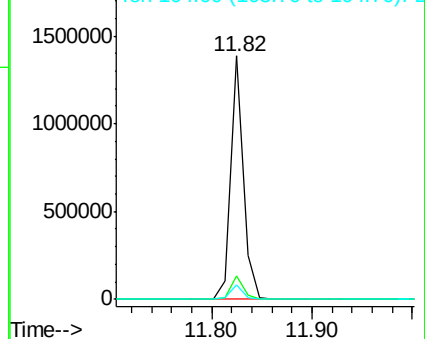
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.04 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

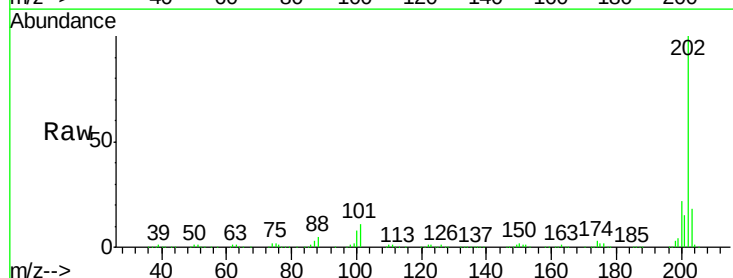
Tgt Ion:202 Resp: 1227112

Ion Ratio Lower Upper

202 100

101 10.9 0.0 35.4

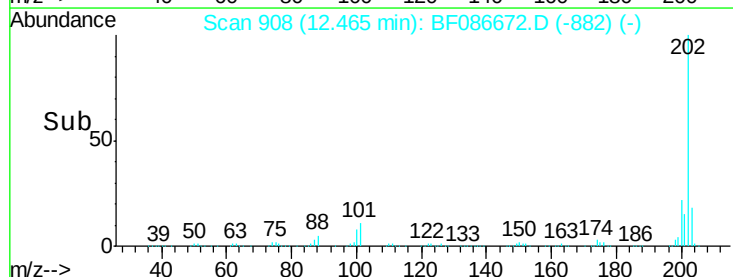
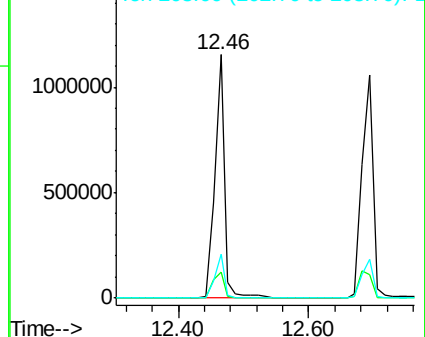
203 17.8 0.0 38.1

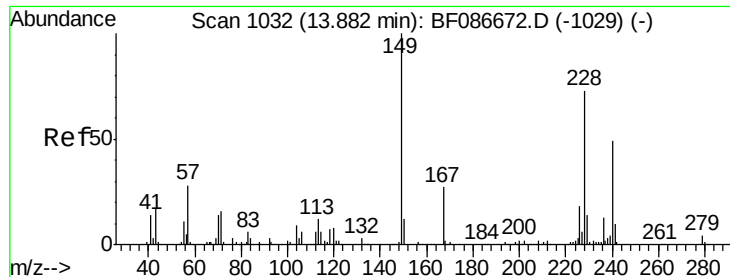


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

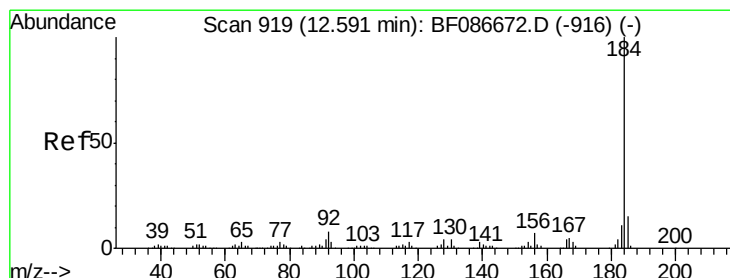
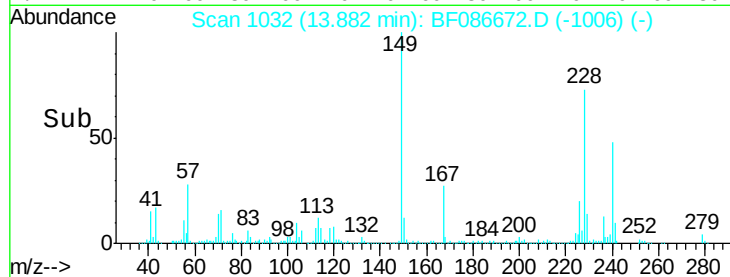
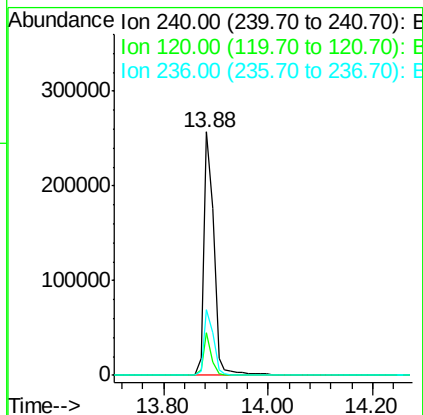
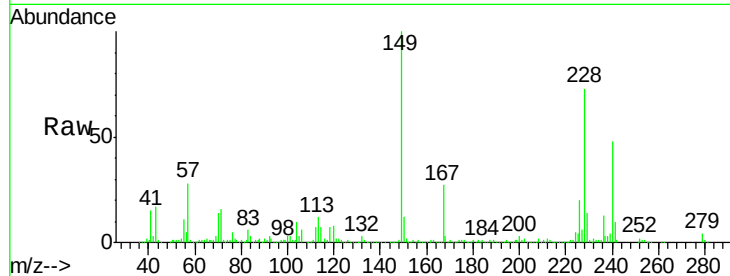
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	342369		
120	17.5	11.2	16.8	#
236	26.9	21.2	31.8	

Manual Integrations
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#76

Benzidine

Concen: 28.84 ng

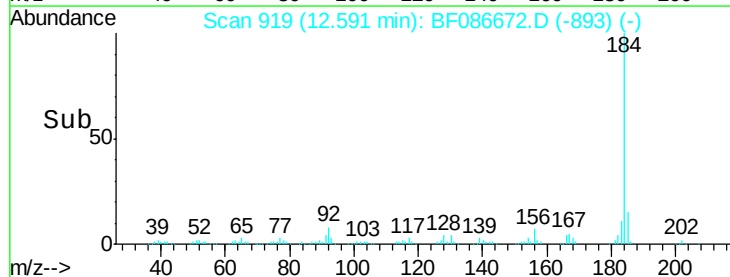
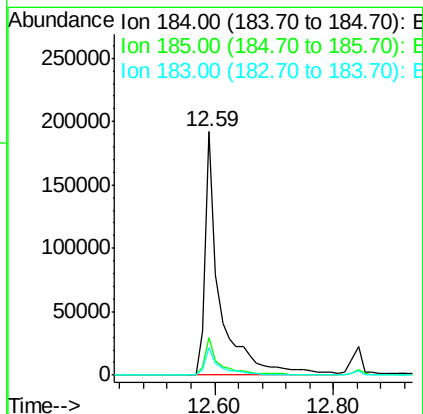
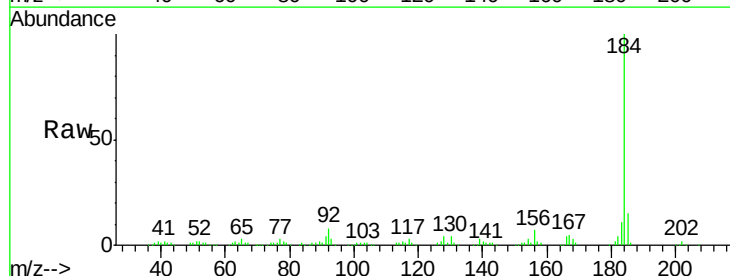
RT: 12.59 min Scan# 919

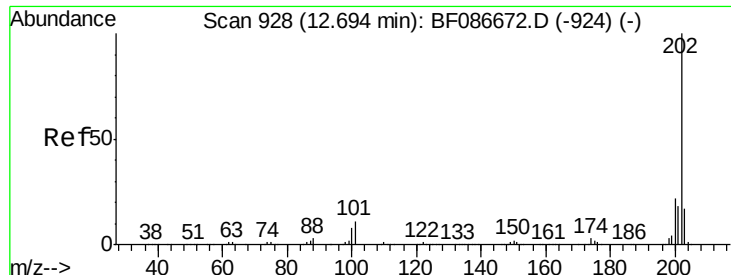
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	339371		
185	15.2	13.6	20.4	
183	11.4	9.8	14.6	





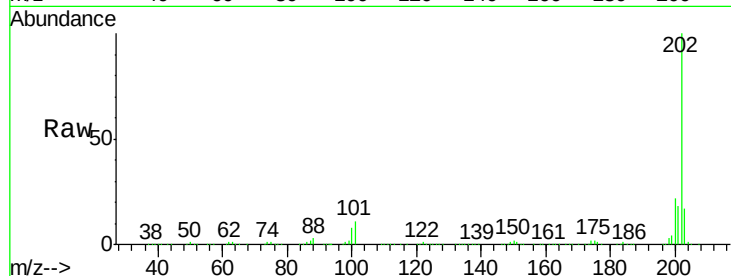
#77
Pvrene
Concen: 49.78 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

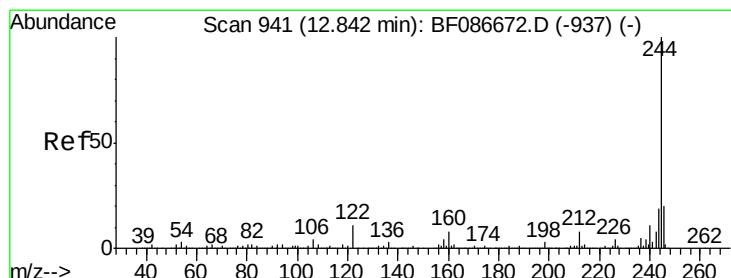
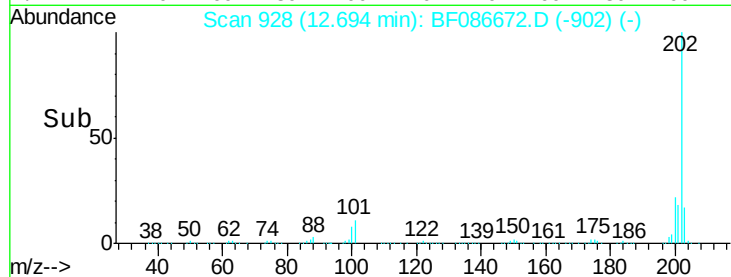
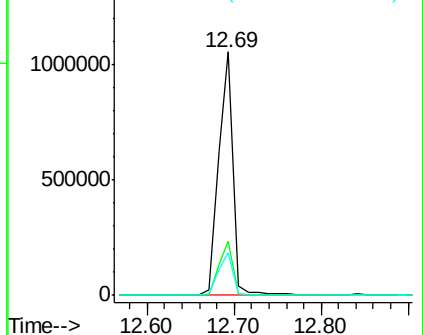
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.4	14.2	21.4

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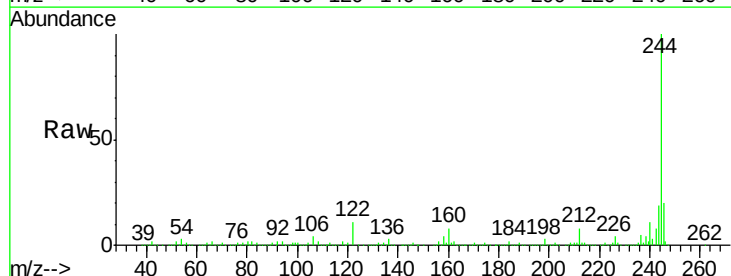


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

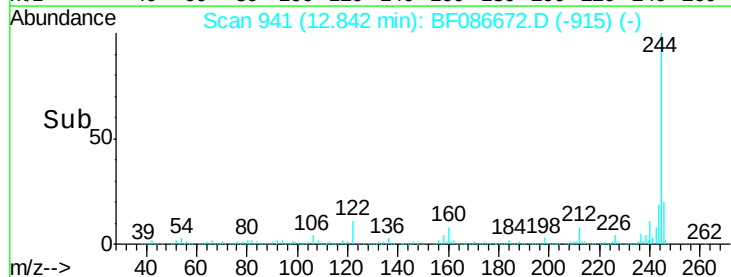
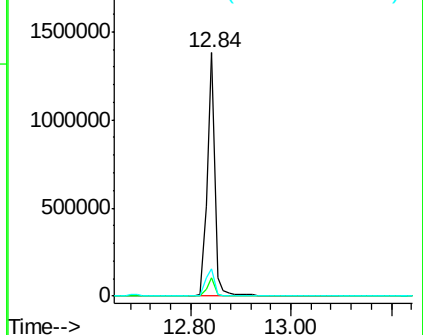


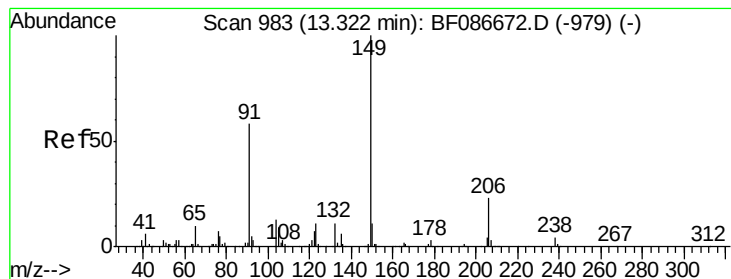
#78
Terphenyl-d14
Concen: 94.02 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.0	12.0	18.0#



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





#79

Butylbenzylphthalate

Concen: 45.74 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

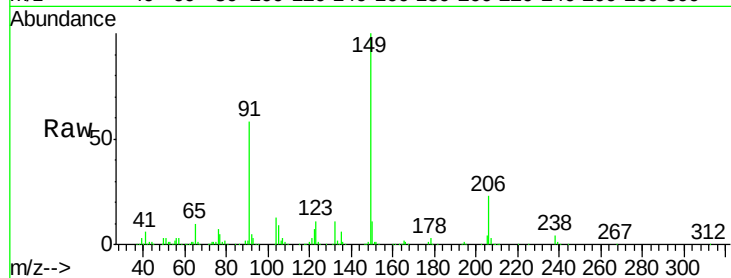
ClientSampleId :

SSTDICCC040

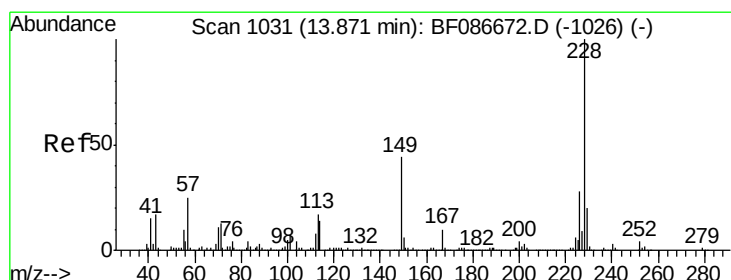
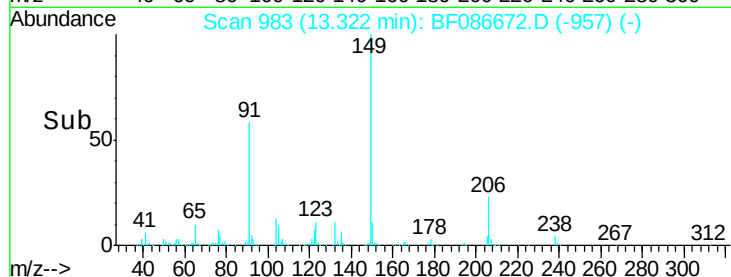
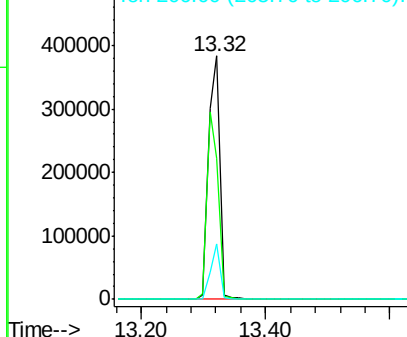
Tot Ion:	149	Resp:	488693
Ion Ratio	Lower	Upper	
149	100		
91	58.1	48.0	72.0
206	23.0	15.8	23.6

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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: 43.37 ng

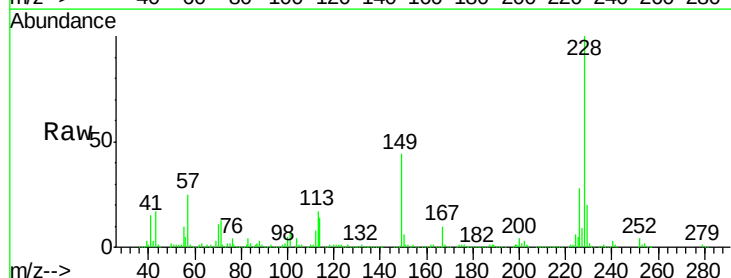
RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

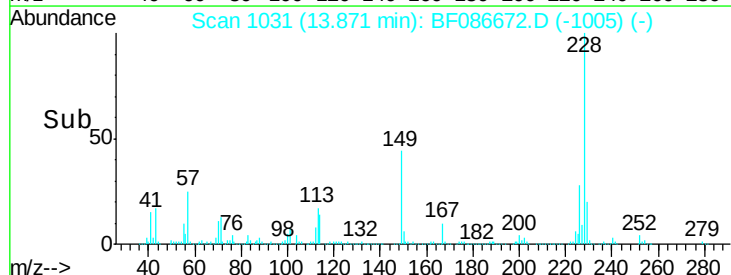
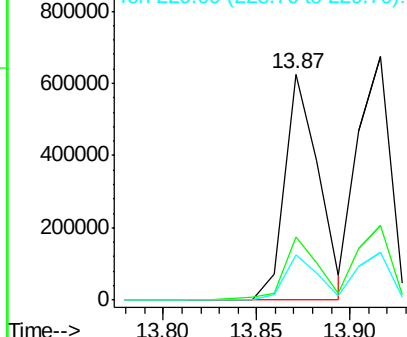
Lab File: BF086672.D

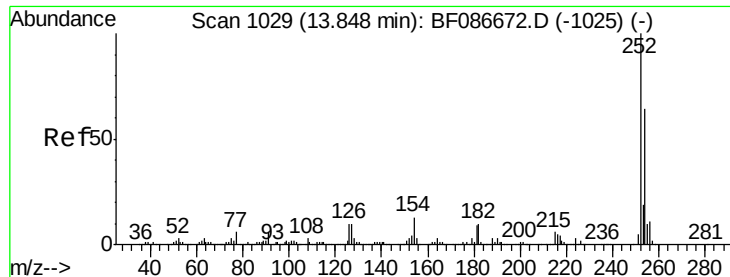
Acq: 4 May 2016 12:45

Tgt Ion:	228	Resp:	791723
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.5	33.7
229	20.0	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





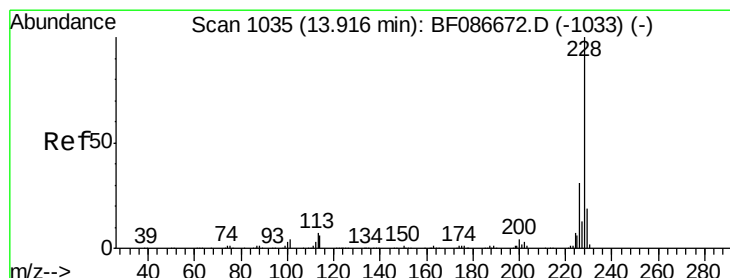
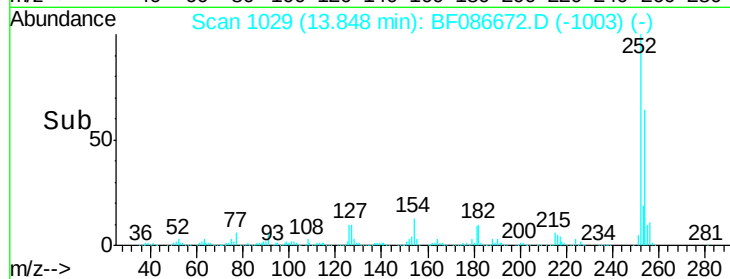
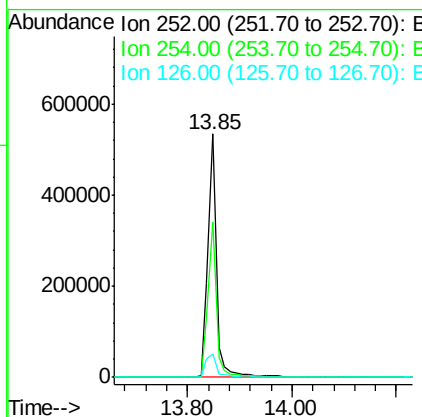
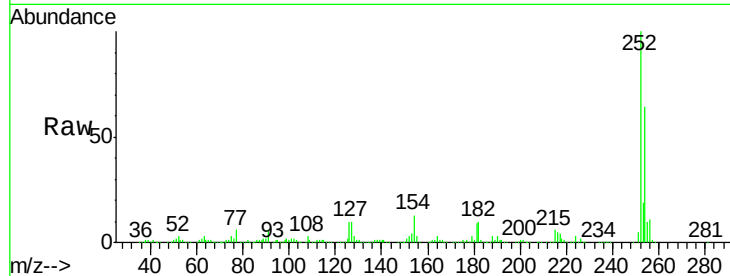
#81
 3,3'-Dichlorobenzidine
 Concen: 50.53 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	50.7	76.1
126	9.8	12.7	19.1#

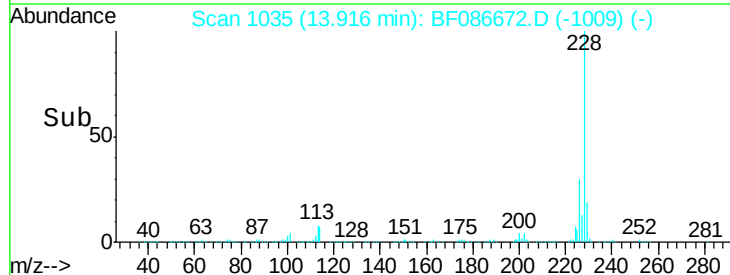
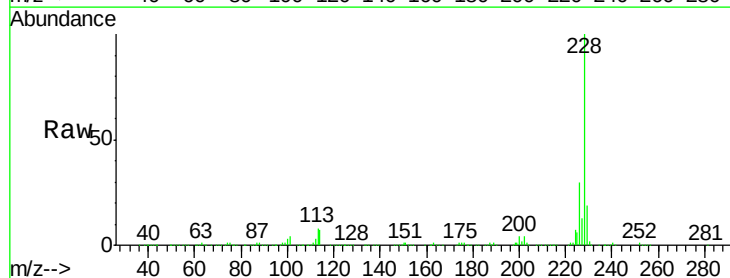
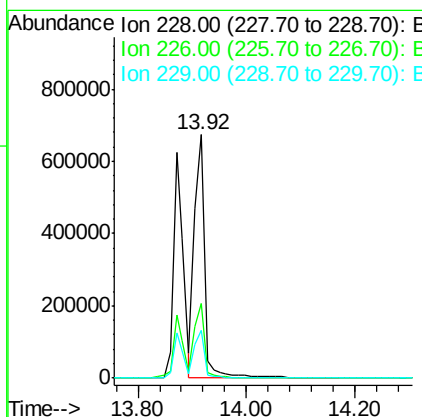
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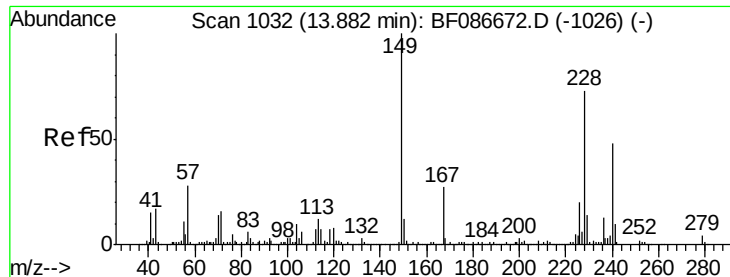
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#82
 Chrysene
 Concen: 44.43 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.26 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

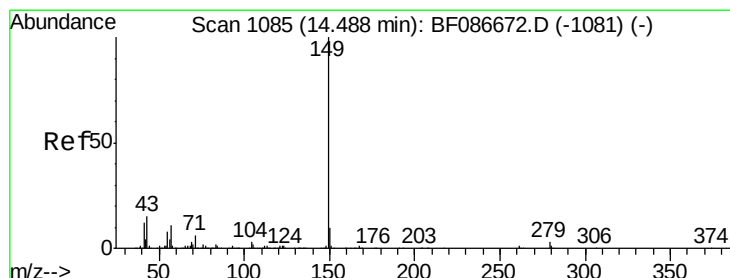
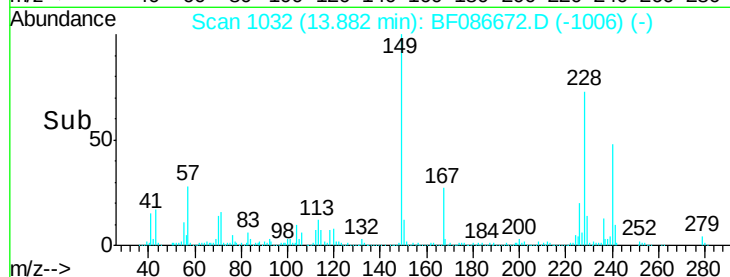
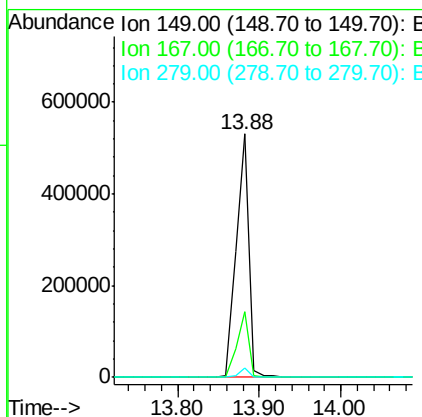
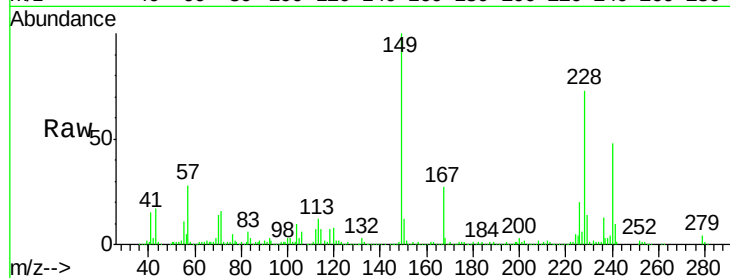
ClientSampleId :

SSTDICCC040

Tot Ion:	149	Resp:	573707
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.8	32.6
279	3.8	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 39.96 ng

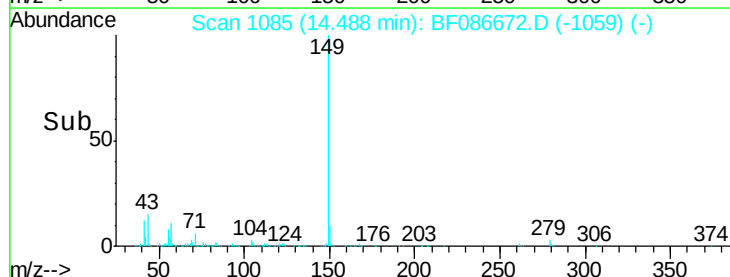
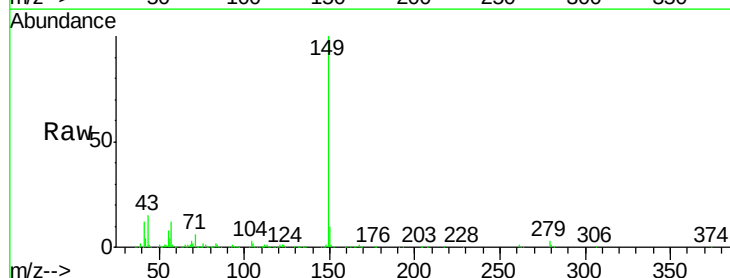
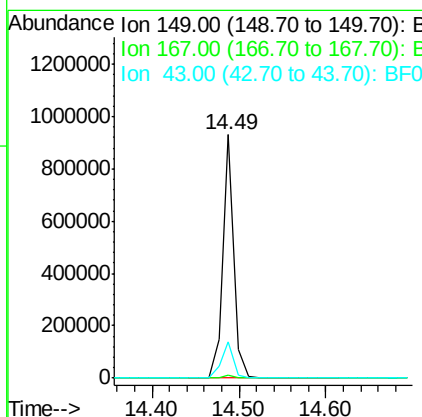
RT: 14.49 min Scan# 1085

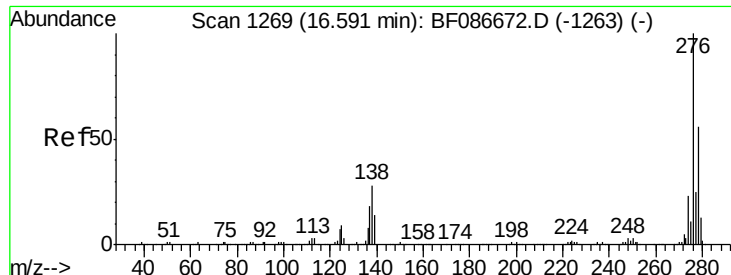
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	149	Resp:	829914
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.2	8.2	12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.25 ng

RT: 16.59 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

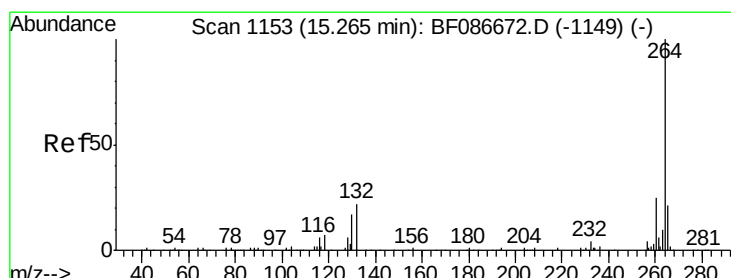
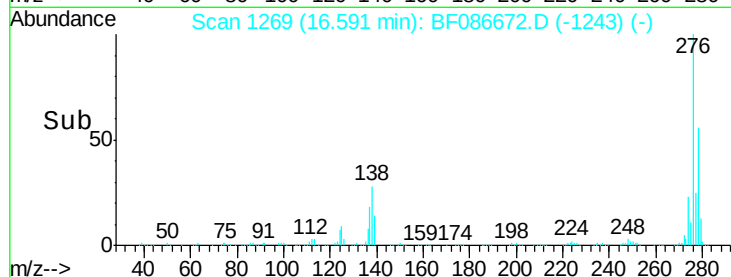
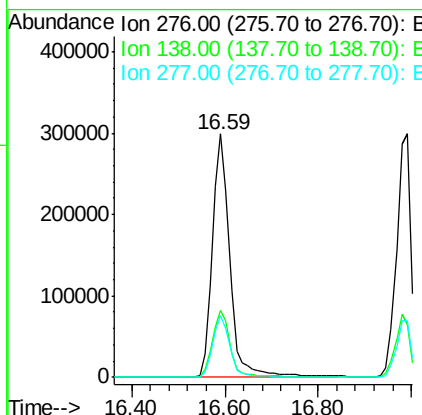
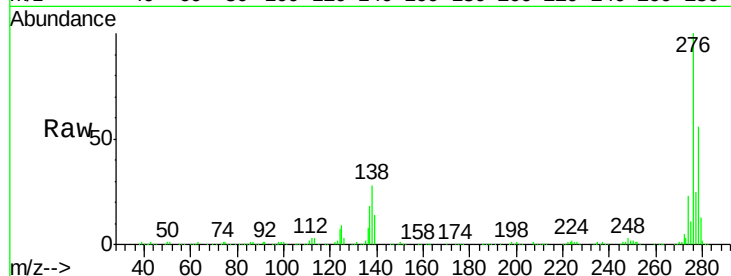
ClientSampleId :

SSTDICCC040

Tot Ion:	276	Resp:	782812
Ion Ratio	Lower	Upper	
276	100		
138	28.7	25.6	38.4
277	25.5	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

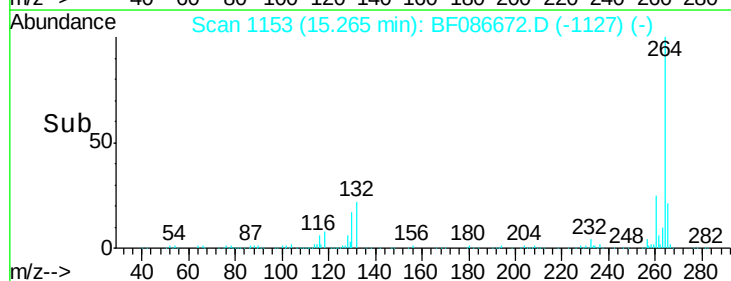
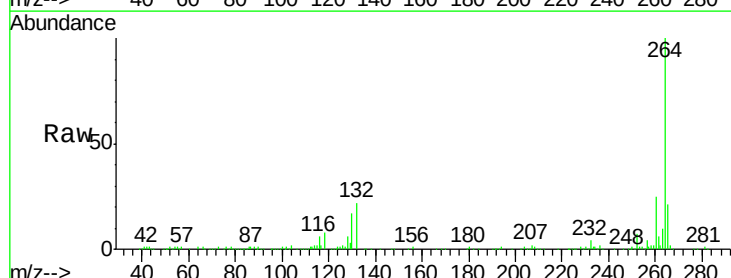
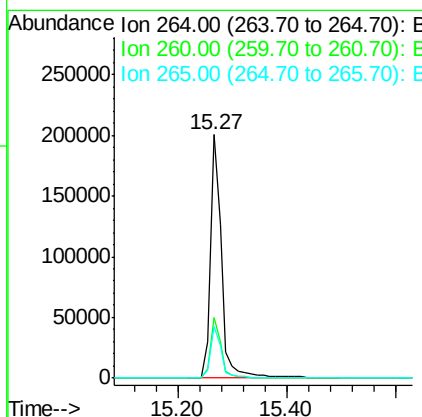
RT: 15.27 min Scan# 1153

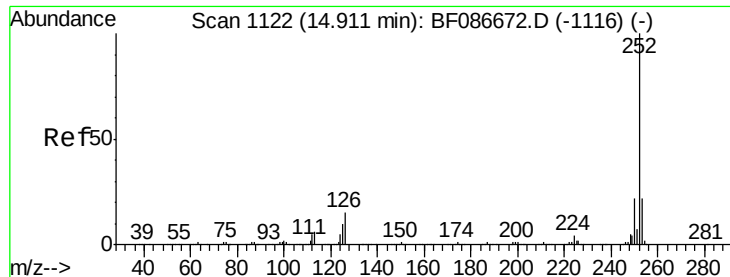
Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	264	Resp:	285771
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.11 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

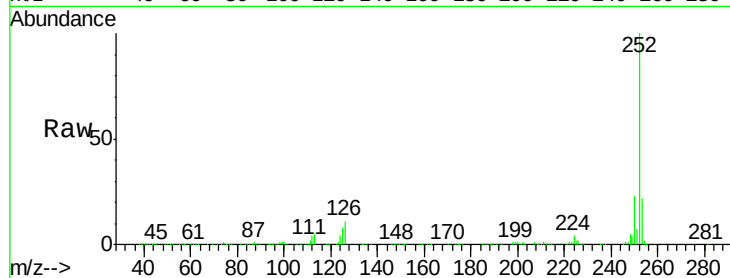
ClientSampleId :

SSTDICCC040

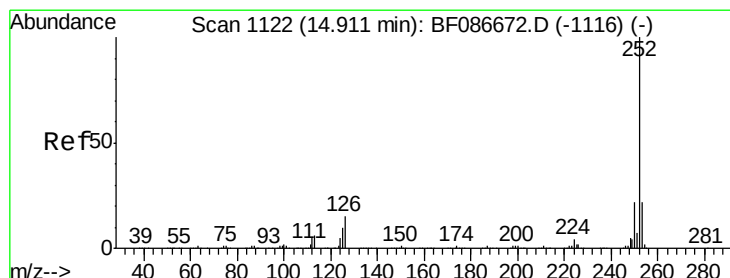
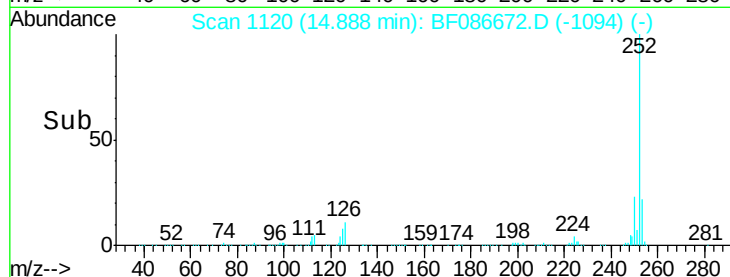
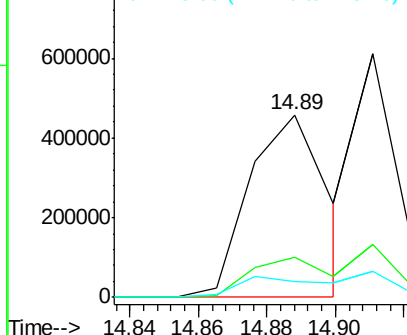
Tot Ion:	252	Resp:	724816
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.4	11.4	17.0#

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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: 33.72 ng m

RT: 14.91 min Scan# 1122

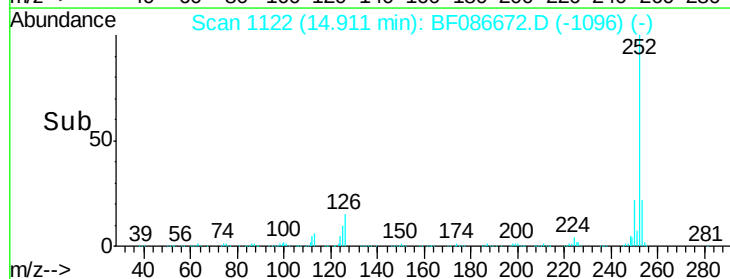
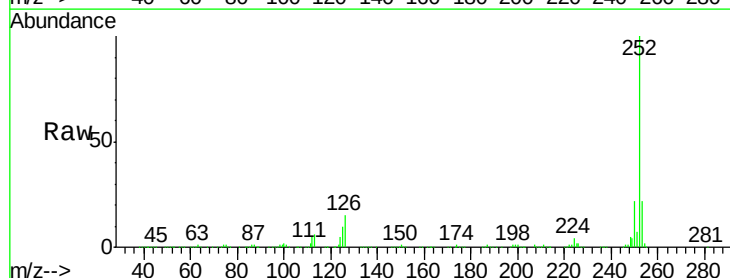
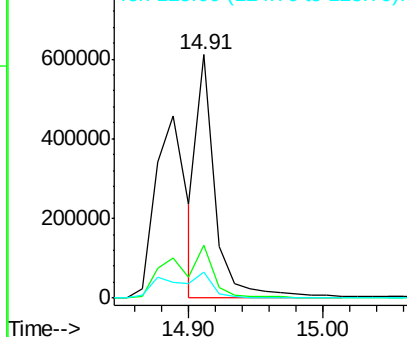
Delta R.T. 0.00 min

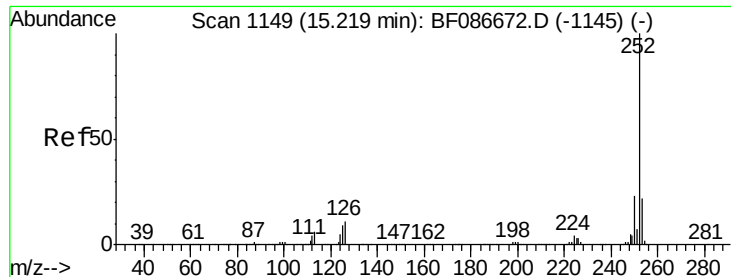
Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:	252	Resp:	591278
Ion Ratio	Lower	Upper	
252	100		
253	21.8	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





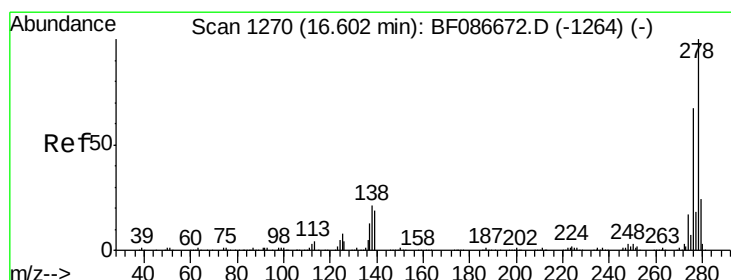
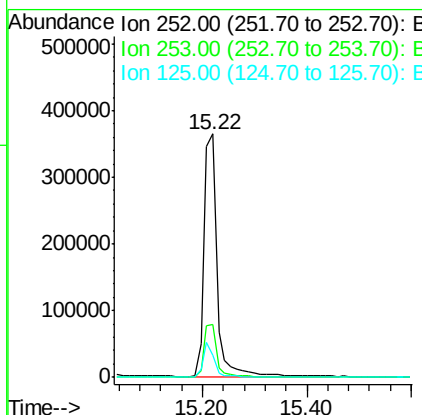
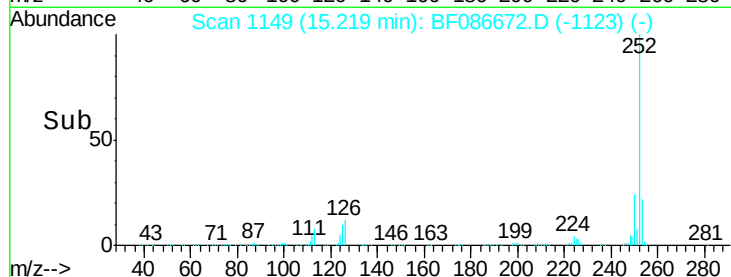
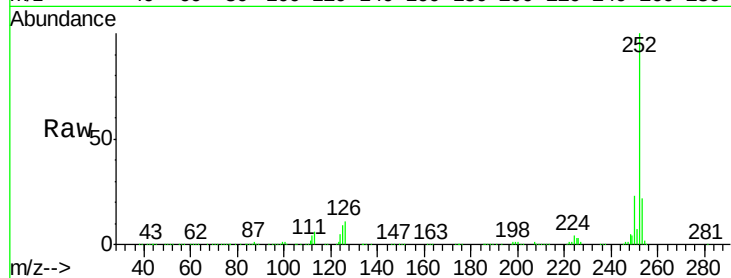
#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.9	9.0	13.6

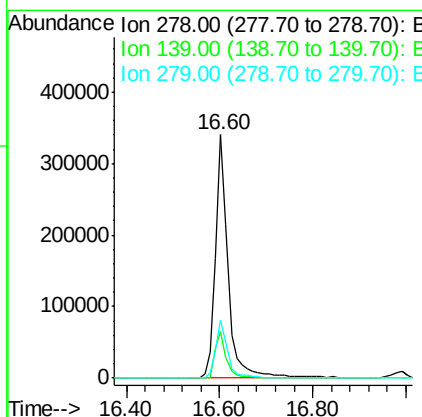
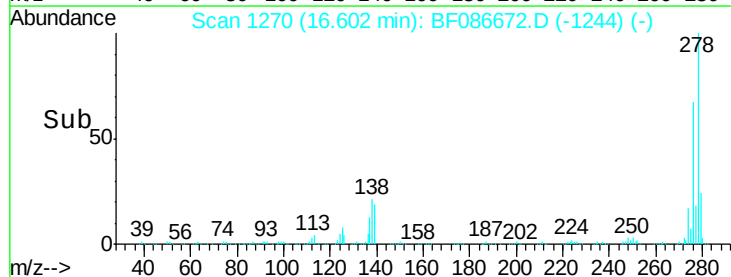
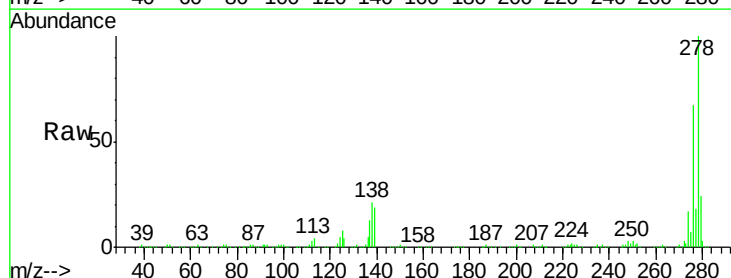
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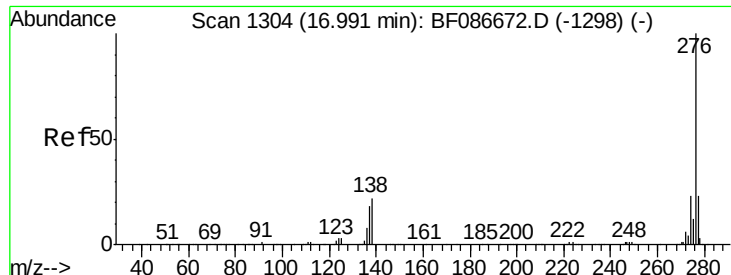
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#90
Dibenzo(a,h)anthracene
Concen: 49.90 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.6	24.8
279	24.1	19.6	29.4





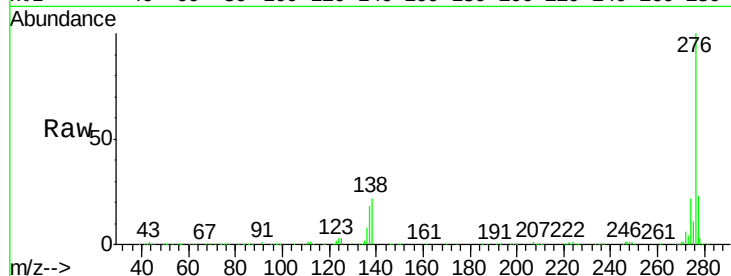
#91
 Benzo(a,h,i)perylene
 Concen: 52.38 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	19.6	29.4
138	21.7	23.6	35.4

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

