

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086675.D
 Acq On : 4 May 2016 14:11
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:18:44 PM

Quant Time: May 04 14:59:55 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	168582	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	700759	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	331193	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605587	20.00	ng	0.00
75) Chrysene-d12	13.89	240	413531	20.00	ng	0.01
86) Perylene-d12	15.28	264	354723	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1610636	164.80	ng	0.00
7) Phenol-d6	6.40	99	1975108	144.79	ng	0.02
23) Nitrobenzene-d5	7.32	82	1995046	153.46	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	540931	154.88	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2946385	150.56	ng	0.01
78) Terphenyl-d14	12.85	244	3014350	160.59	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	399980	77.91	ng	# 75
3) Pyridine	2.93	79	1021189	84.04	ng	# 70
4) n-Nitrosodimethylamine	2.91	42	670099	96.76	ng	# 55
6) Aniline	6.42	93	1296854	78.57	ng	94
8) 2-Chlorophenol	6.53	128	896717	73.66	ng	97
10) Phenol	6.41	94	1120871	73.65	ng	# 52
11) bis(2-Chloroethyl)ether	6.49	93	868546	66.02	ng	86
12) 1,3-Dichlorobenzene	6.68	146	936717m	71.54	ng	
13) 1,4-Dichlorobenzene	6.76	146	1003845	74.30	ng	97
14) 1,2-Dichlorobenzene	6.91	146	757993m	61.18	ng	
15) Benzyl Alcohol	6.90	79	665629	77.13	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1896836	72.03	ng	98
17) 2-Methylphenol	7.01	107	726996	73.89	ng	# 89
18) Hexachloroethane	7.25	117	369223	73.14	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	727813	80.72	ng	# 77
20) 3+4-Methylphenols	7.17	107	756154	67.31	ng	# 87
22) Acetophenone	7.16	105	1209493	78.71	ng	# 93
24) Nitrobenzene	7.33	77	1046491	78.25	ng	95
25) Isophorone	7.58	82	1957844	78.25	ng	98
26) 2-Nitrophenol	7.65	139	536496	87.13	ng	# 93
27) 2,4-Dimethylphenol	7.70	122	825829	76.44	ng	89
28) bis(2-Chloroethoxy)methane	7.79	93	1008300	73.97	ng	98
29) 2,4-Dichlorophenol	7.89	162	681181	74.73	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	758891	71.76	ng	96
31) Naphthalene	8.05	128	2393218	67.12	ng	97
33) 4-Chloroaniline	8.11	127	1098856	82.29	ng	96
34) Hexachlorobutadiene	8.17	225	403106	68.00	ng	99
35) Caprolactam	8.51	113	239035	78.60	ng	# 58
36) 4-Chloro-3-methylphenol	8.60	107	767992	73.58	ng	91
37) 2-Methylnaphthalene	8.74	142	1438364	68.36	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	672914	70.98	ng	97
40) Hexachlorocyclopentadiene	8.90	237	357439	75.87	ng	94
42) 2,4,6-Trichlorophenol	9.02	196	484920	80.92	ng	93
43) 2,4,5-Trichlorophenol	9.07	196	476417	72.94	ng	# 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.21	154	1681302	60.73	nq	95
46) 2-Chloronaphthalene	9.23	162	1384667	65.78	nq	93
47) 2-Nitroaniline	9.33	65	604581	89.57	nq	# 81
48) Acenaphthylene	9.64	152	2076671	63.12	nq	99
49) Dimethylphthalate	9.53	163	1932449	77.51	nq	99
50) 2,6-Dinitrotoluene	9.58	165	443195	86.04	nq	85
51) Acenaphthene	9.81	154	1444792	68.37	nq	99
52) 3-Nitroaniline	9.74	138	475453	81.16	nq	81
53) 2,4-Dinitrophenol	9.86	184	171423	74.40	nq	# 80
54) Dibenzofuran	9.98	168	1655217	62.67	nq	93
55) 4-Nitrophenol	9.92	139	292233	76.19	nq	# 60
56) 2,4-Dinitrotoluene	9.98	165	478272	72.84	nq	# 81
57) Fluorene	10.33	166	1310072	57.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	380583	74.53	nq	98
59) Diethylphthalate	10.21	149	1593863	67.53	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	737399	70.82	nq	# 83
61) 4-Nitroaniline	10.37	138	473207	82.64	nq	# 80
62) Azobenzene	10.49	77	2011623	77.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	300508	84.53	nq	91
65) n-Nitrosodiphenylamine	10.45	169	1429258	75.52	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	422031	67.63	nq	90
67) Hexachlorobenzene	10.88	284	512272	70.92	nq	# 81
68) Atrazine	10.98	200	376355	66.22	nq	95
69) Pentachlorophenol	11.07	266	282349	74.14	nq	98
70) Phenanthrene	11.29	178	2218896	69.82	nq	98
71) Anthracene	11.34	178	2411561	71.10	nq	100
72) Carbazole	11.49	167	2012272	66.94	nq	98
73) Di-n-butylphthalate	11.84	149	2598983	76.32	nq	100
74) Fluoranthene	12.46	202	2234387	69.65	nq	99
76) Benzdine	12.59	184	796077	56.02	nq	98
77) Pyrene	12.69	202	2155577	72.34	nq	98
79) Butylbenzylphthalate	13.32	149	1033209	80.06	nq	# 77
80) Benzo(a)anthracene	13.88	228	1700279	77.12	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	1015567	68.91	nq	# 93
82) Chrysene	13.92	228	1526090	63.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1110082	69.30	nq	98
84) Di-n-octyl phthalate	14.49	149	1808816	72.10	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.61	276	1758162	99.01	nq	96
87) Benzo(b)fluoranthene	14.89	252	1909548m	91.51	nq	
89) Benzo(a)pyrene	15.23	252	1479109	75.07	nq	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1410467	87.48	nq	97
91) Benzo(g,h,i)perylene	17.01	276	1508574	93.37	nq	# 92

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

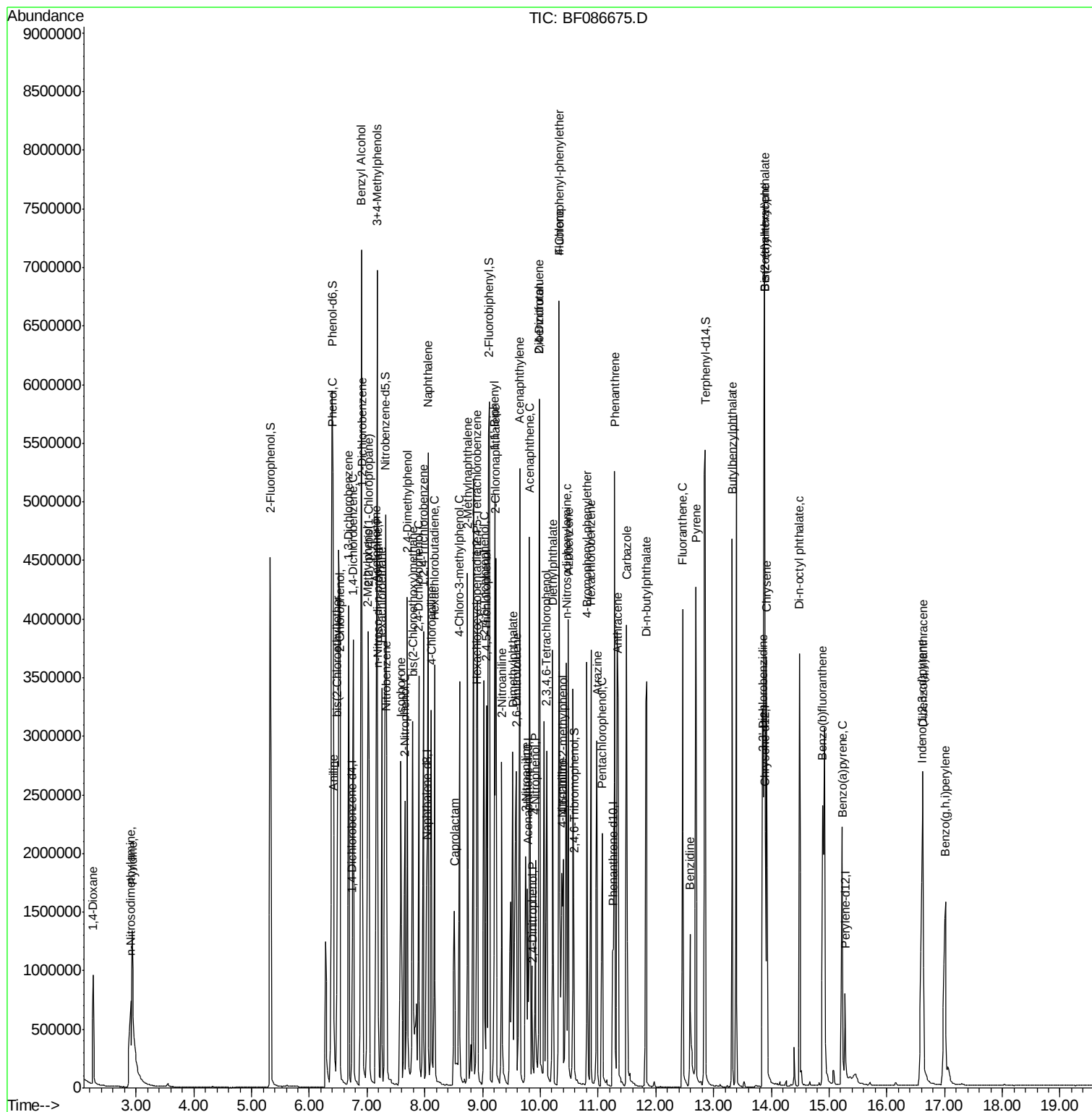
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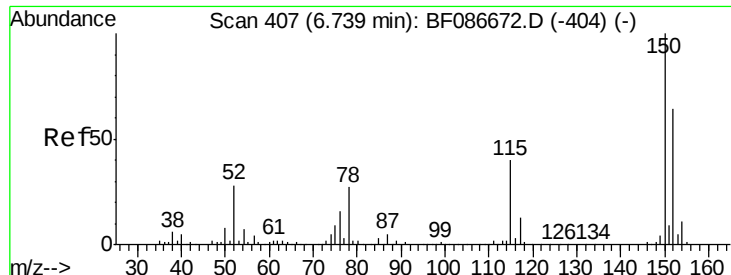
Instrument :
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#1

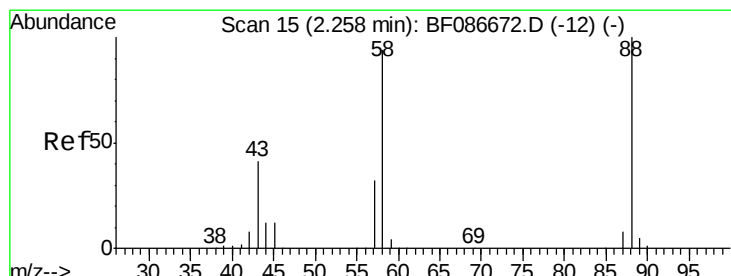
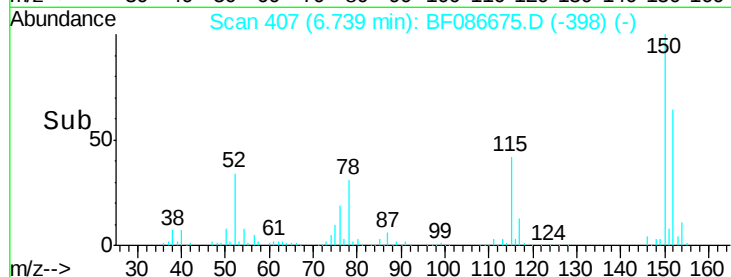
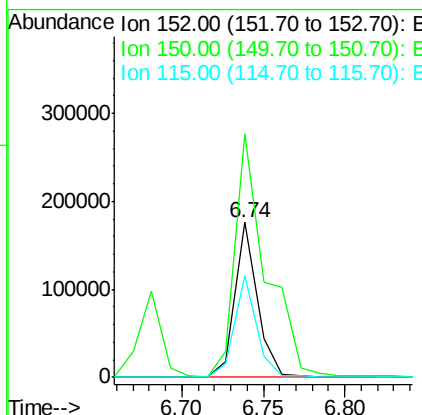
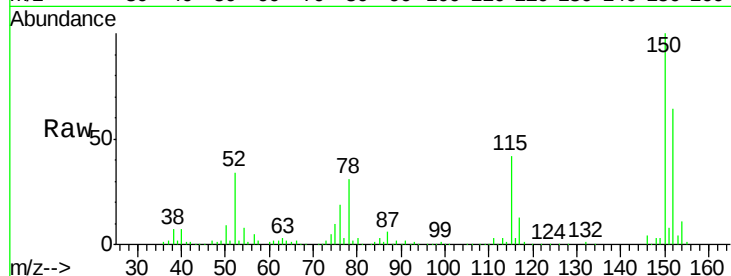
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	65.8	51.5	77.3

Manual Integrations
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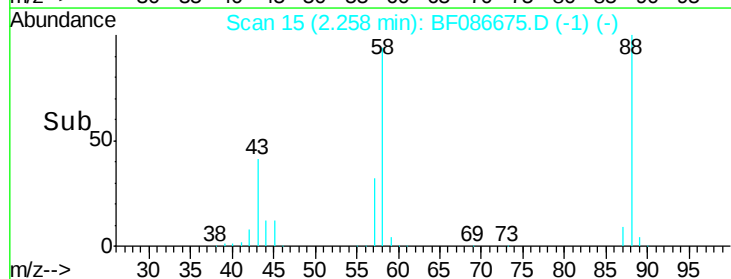
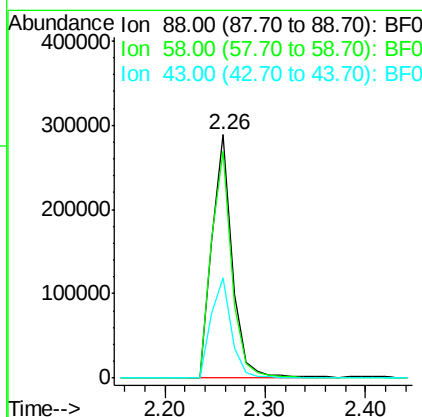
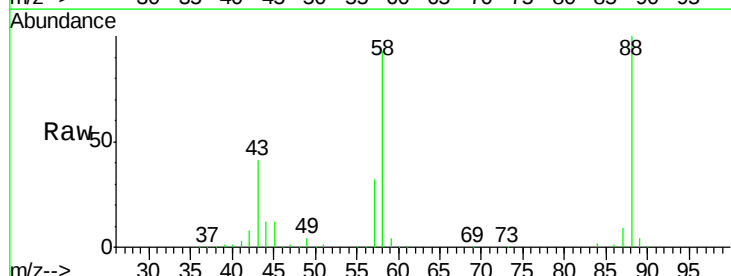
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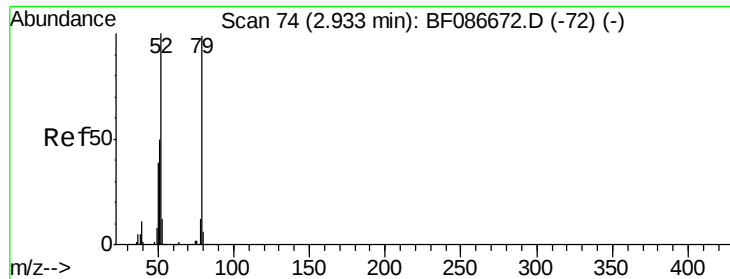


#2

1,4-Dioxane
Concen: 77.91 ng
RT: 2.26 min Scan# 15
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	59.6	89.4#
43	41.8	21.8	32.6#





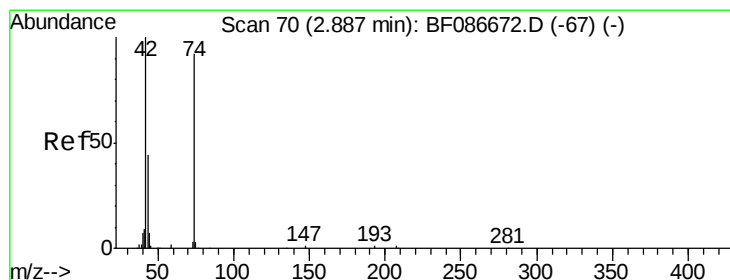
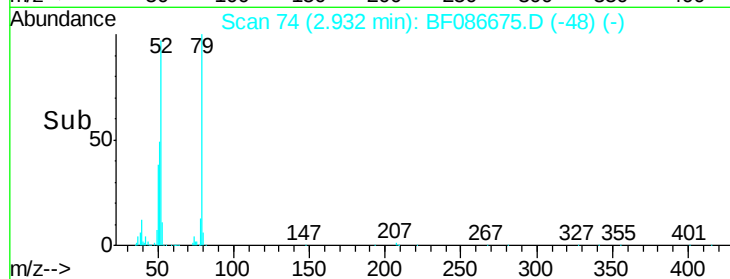
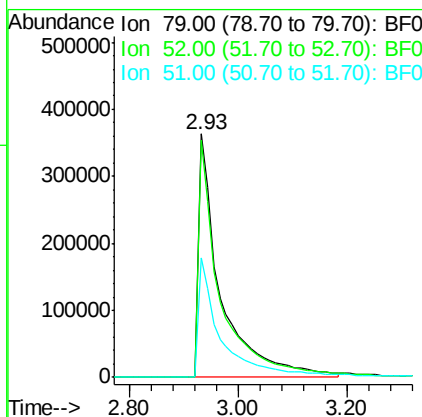
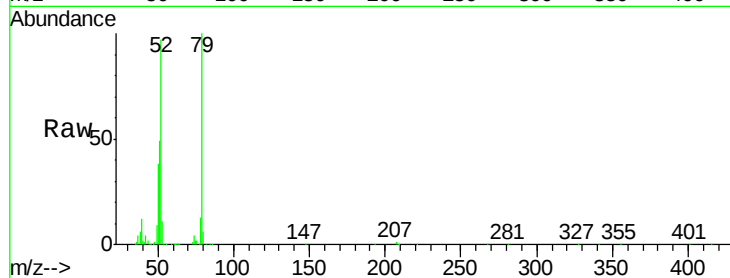
#3
 Pvridine
 Concen: 84.04 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 79 Resp: 1021189
 Ion Ratio Lower Upper
 79 100
 52 97.3 55.9 83.9#
 51 49.1 28.1 42.1#

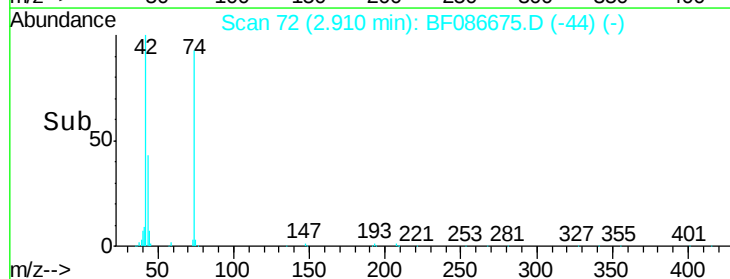
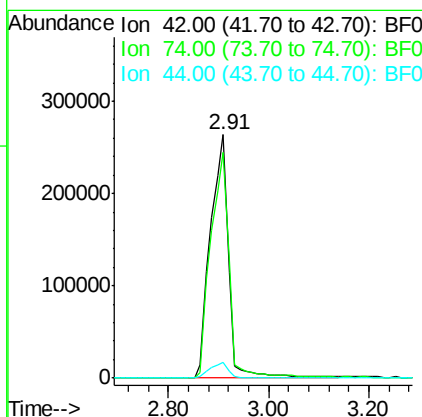
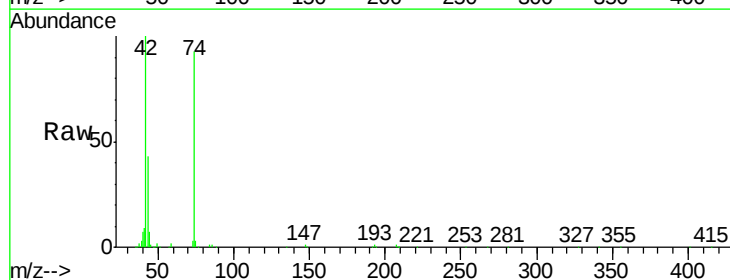
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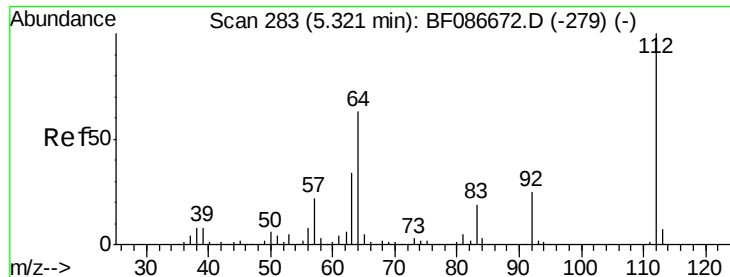
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#4
 n-Nitrosodimethylamine
 Concen: 96.76 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion: 42 Resp: 670099
 Ion Ratio Lower Upper
 42 100
 74 92.9 123.4 185.0#
 44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 164.80 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:112 Resp: 1610636

Ion Ratio Lower Upper

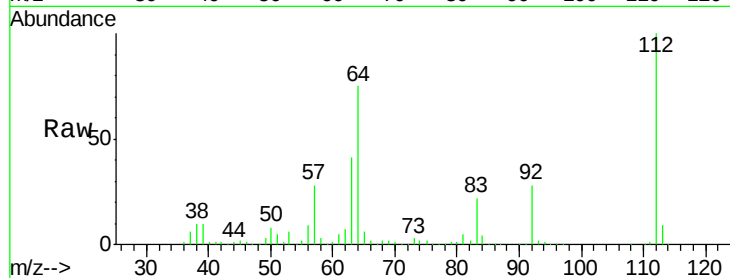
112 100

64 75.2 52.1 78.1

63 40.7 25.7 38.5#

Manual Integrations
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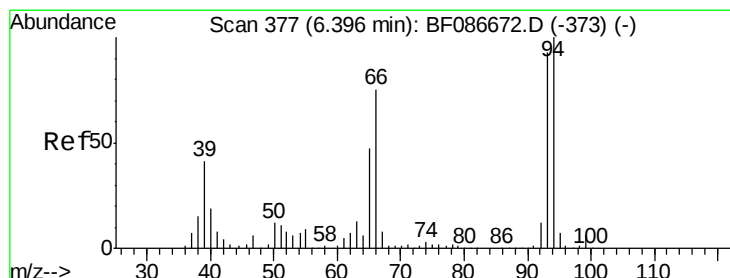
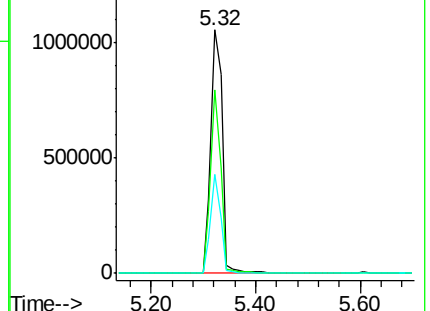
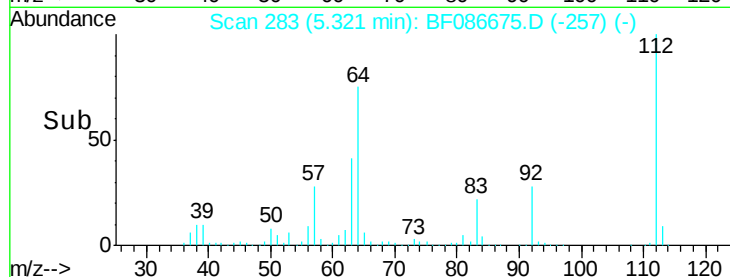
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 78.57 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

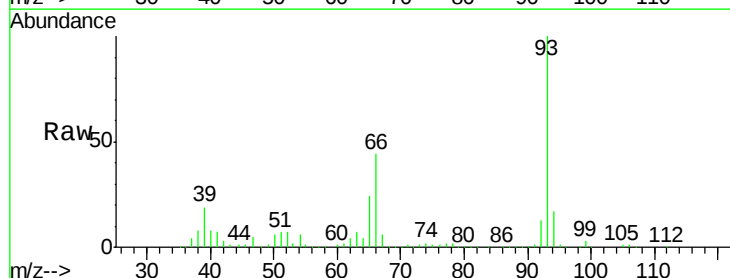
Tgt Ion: 93 Resp: 1296854

Ion Ratio Lower Upper

93 100

66 43.8 39.0 58.6

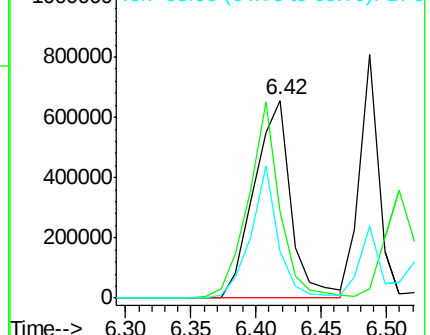
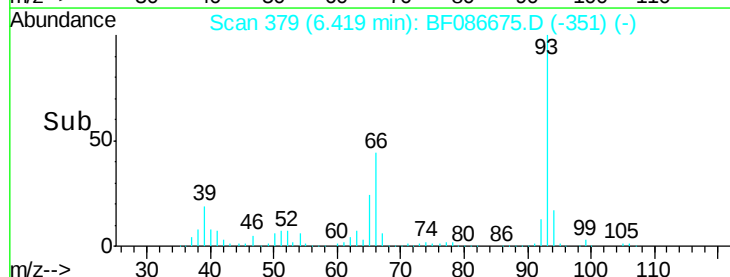
65 23.7 20.6 31.0

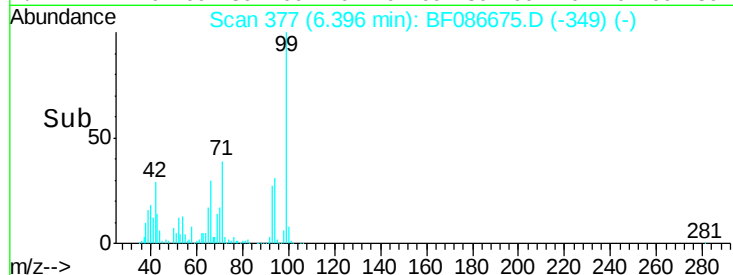
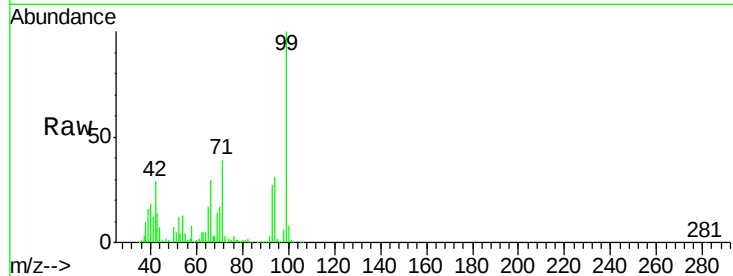
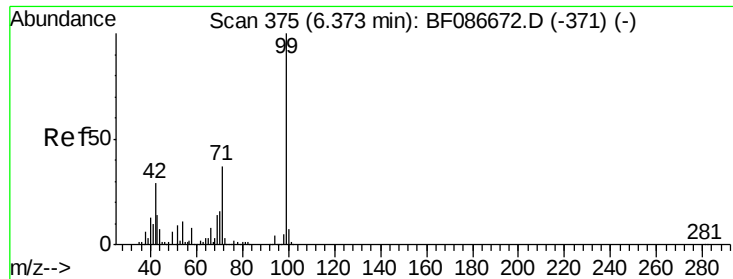


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.79 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tot Ion: 99 Resp: 1975108

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 38.8 24.6 36.8#

Instrument :

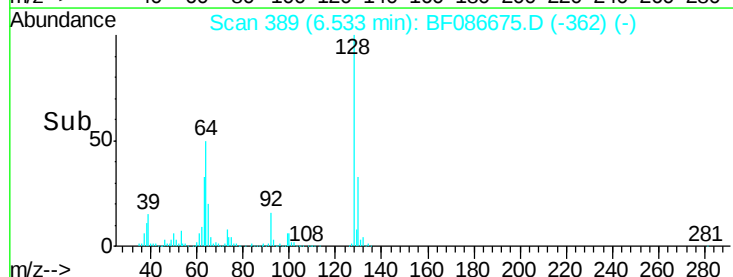
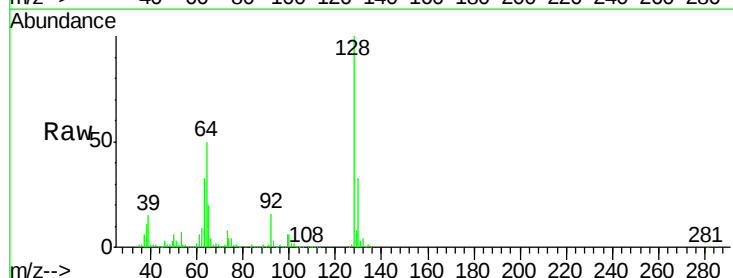
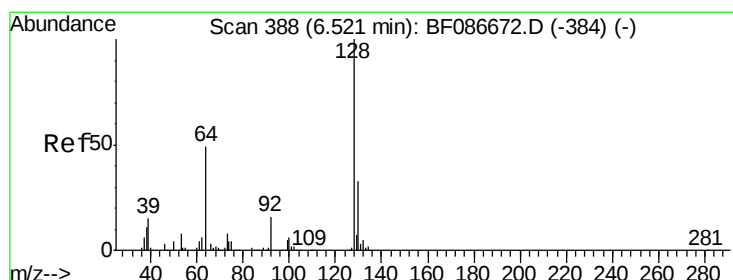
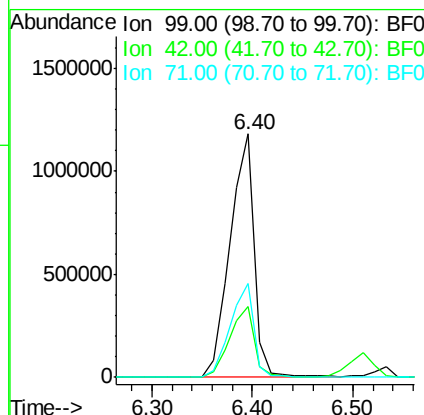
BNA_F

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#8

2-Chlorophenol

Concen: 73.66 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

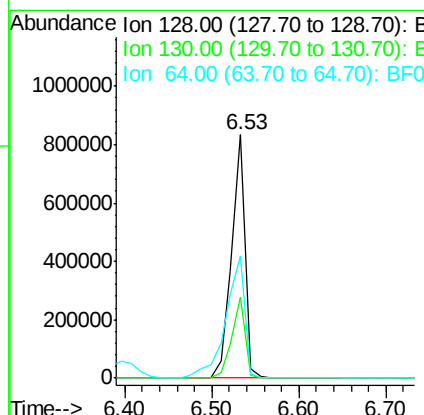
Tgt Ion: 128 Resp: 896717

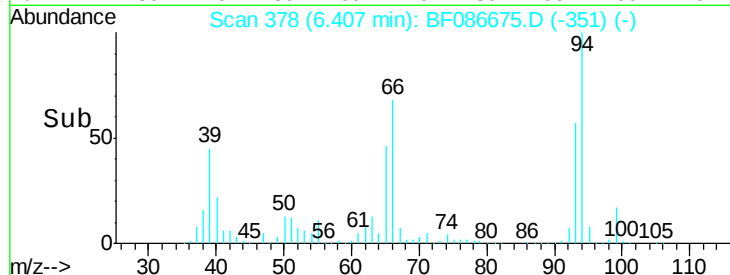
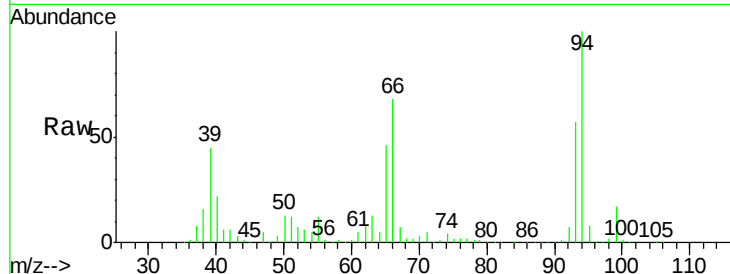
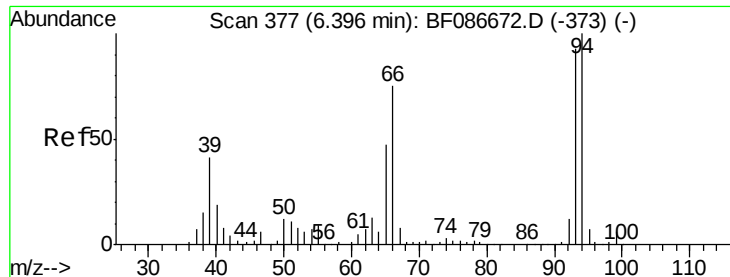
Ion Ratio Lower Upper

128 100

130 33.5 12.5 52.5

64 50.1 27.3 67.3





#10

Phenol

Concen: 73.65 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tot Ion: 94 Resp: 1120871

Ion Ratio Lower Upper

94 100

65 45.9 7.2 47.2

66 68.1 14.9 54.9#

Instrument :

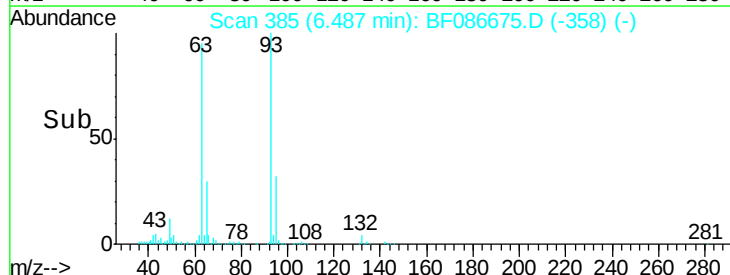
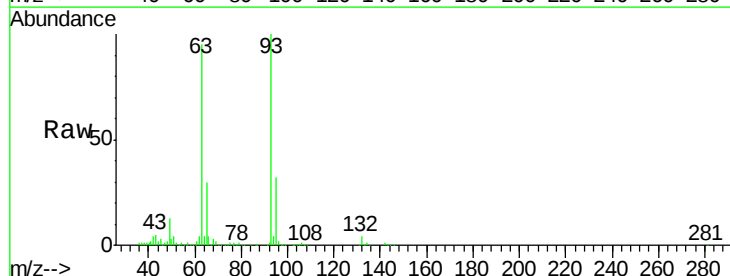
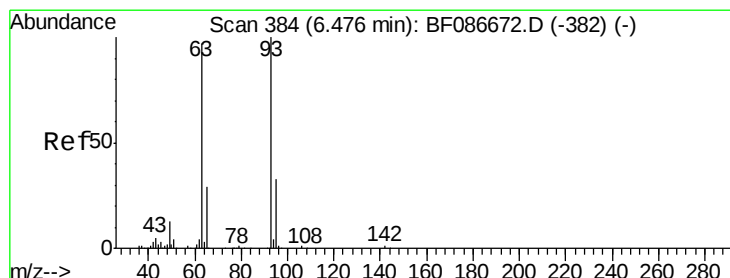
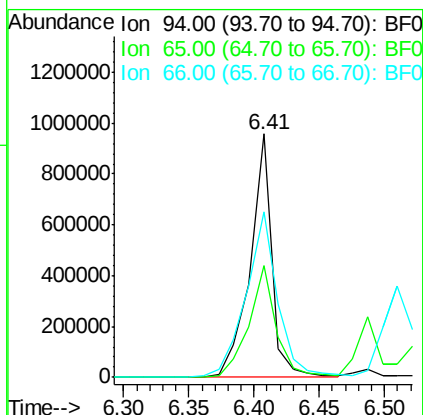
BNA_F

ClientSampleId :

SSTDICC080

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#11

bis(2-Chloroethyl)ether

Concen: 66.02 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

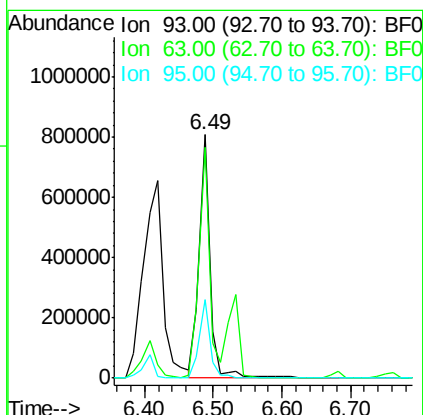
Tgt Ion: 93 Resp: 868546

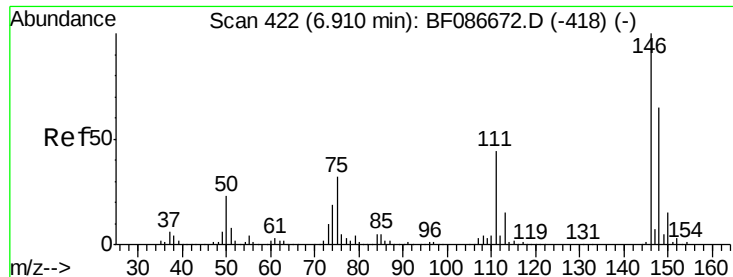
Ion Ratio Lower Upper

93 100

63 94.7 58.0 98.0

95 32.3 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 71.54 ng/mL

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

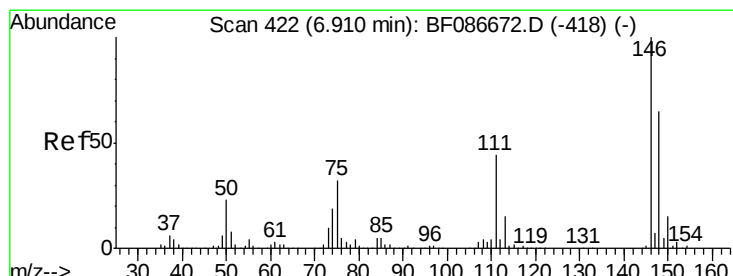
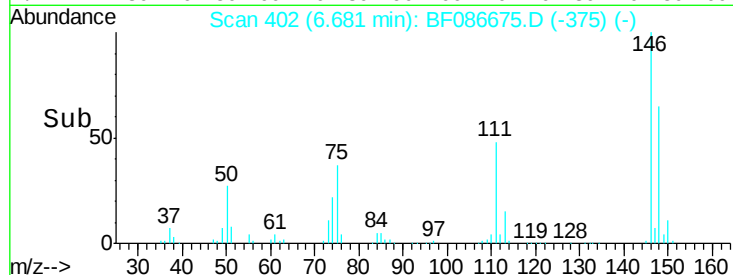
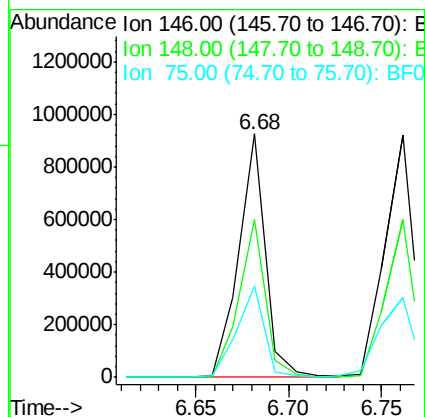
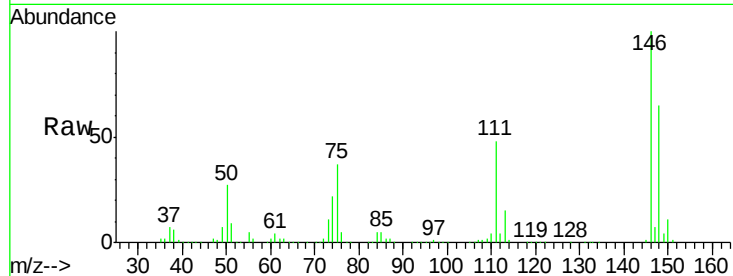
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	936717
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.4	78.6
75	37.4	22.8	34.2

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#13

1,4-Dichlorobenzene

Concen: 74.30 ng/mL

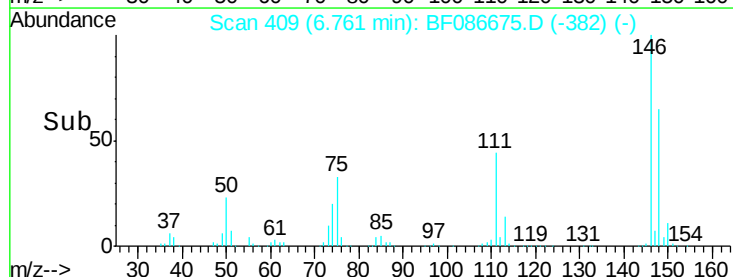
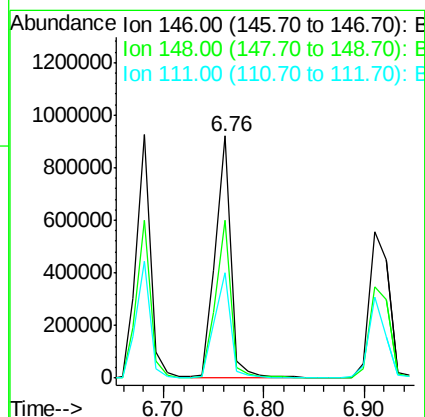
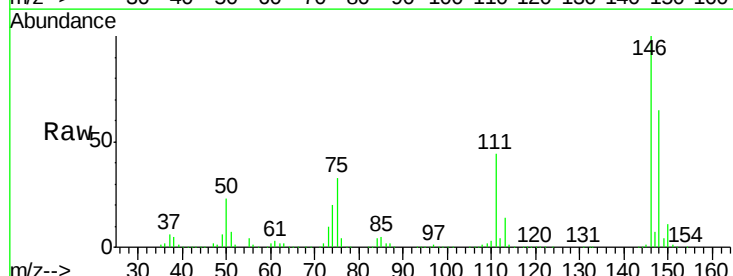
RT: 6.76 min Scan# 409

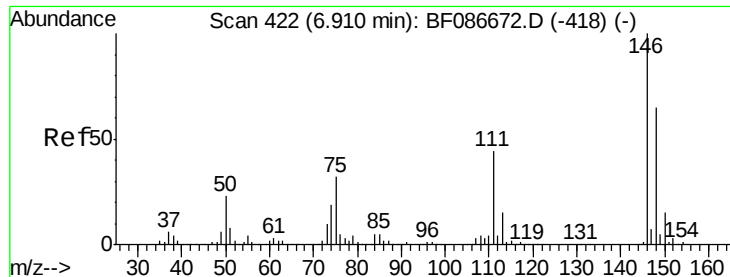
Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion:	146	Resp:	1003845
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.4
111	43.5	30.7	46.1





#14

1,2-Dichlorobenzene

Concen: 61.18 ng/mL

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

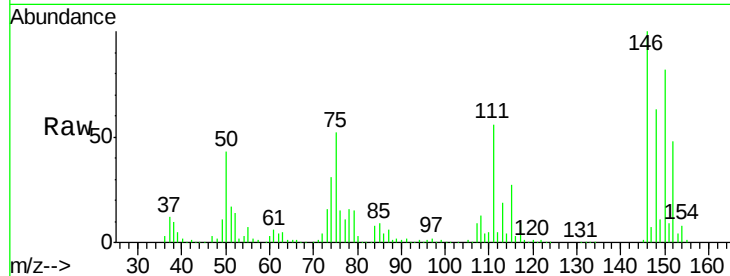
ClientSampleID :

SSTDIC080

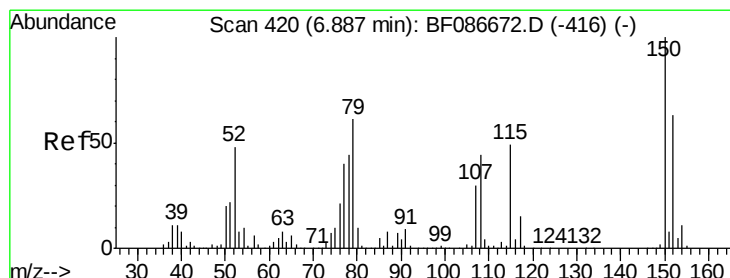
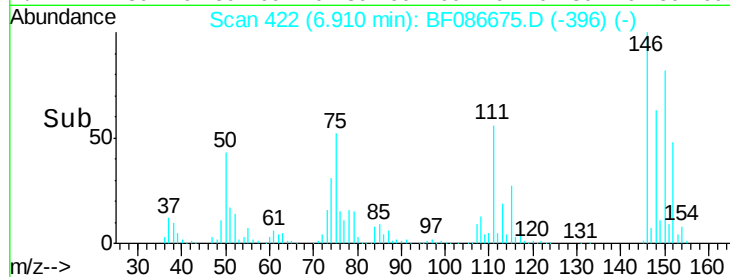
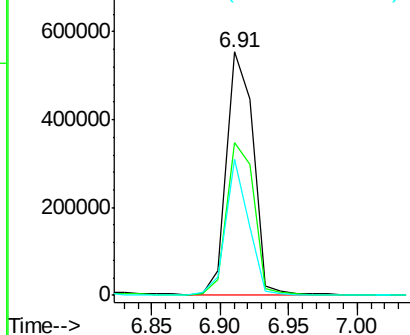
Tot Ion:	146	Resp:	757993
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.0	76.6
111	55.7	36.2	54.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 77.13 ng/mL

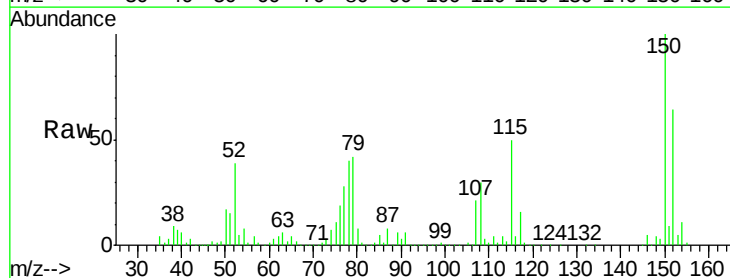
RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

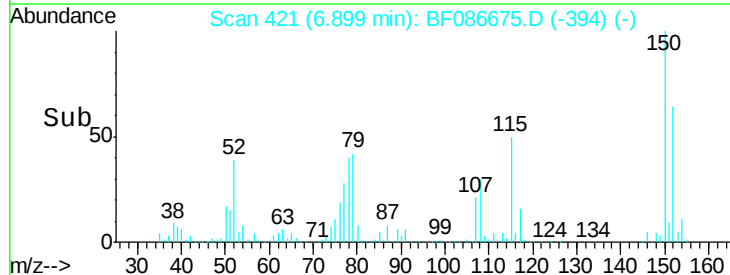
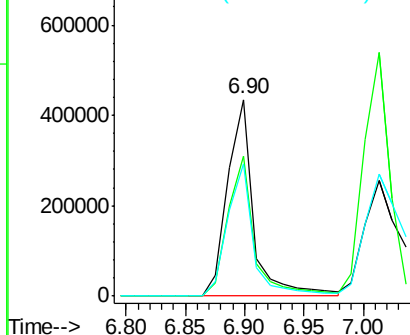
Lab File: BF086675.D

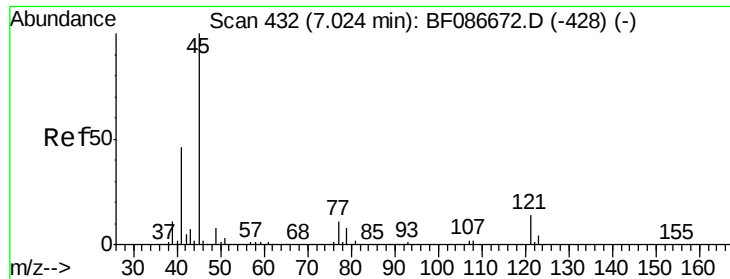
Acq: 4 May 2016 14:11

Tgt Ion:	79	Resp:	665629
Ion Ratio	Lower	Upper	
79	100		
108	71.0	68.4	102.6
77	67.0	50.6	76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





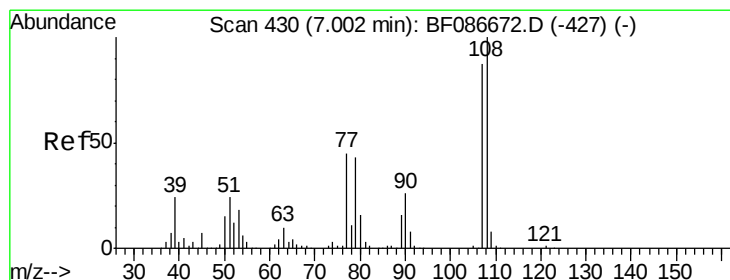
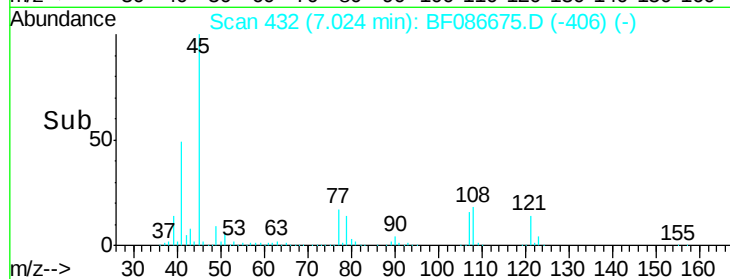
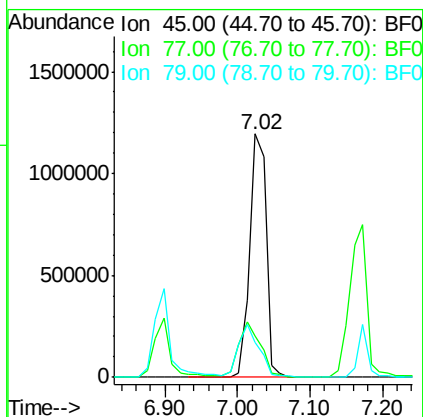
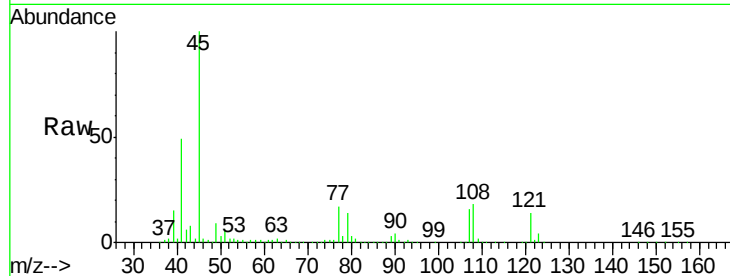
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 72.03 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.4
79	14.1	0.0	33.4

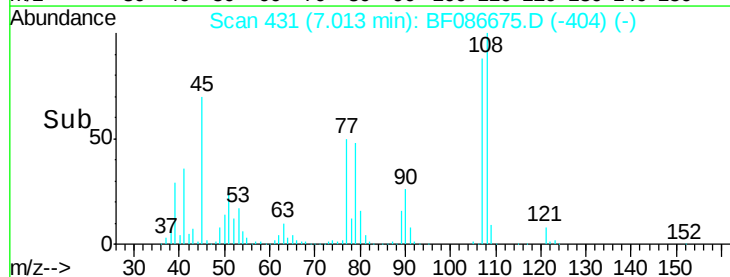
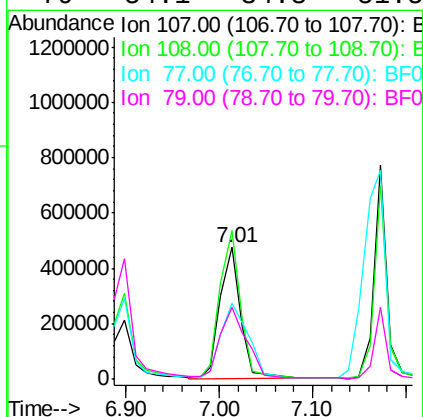
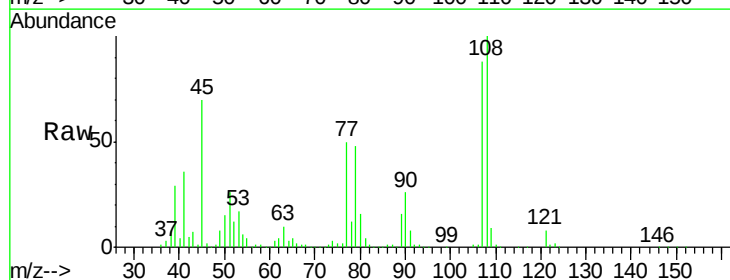
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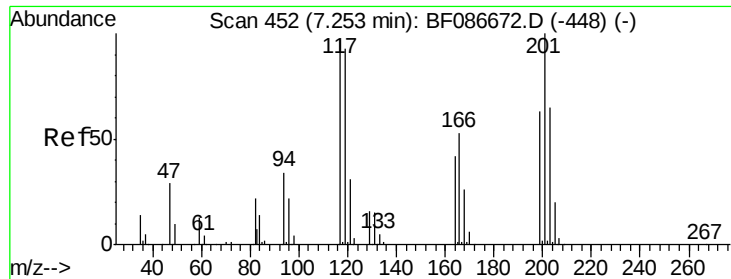
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#17
2-Methylphenol
Concen: 73.89 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.7	140.5
77	57.0	33.4	50.0#
79	54.1	34.3	51.5#





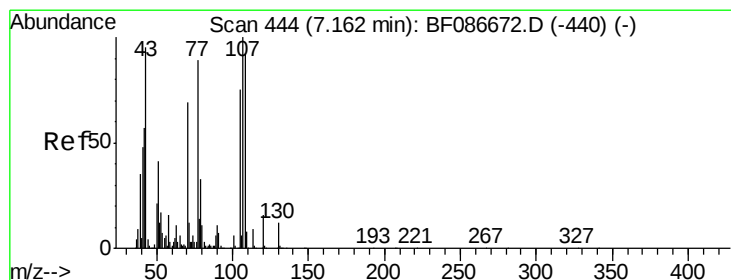
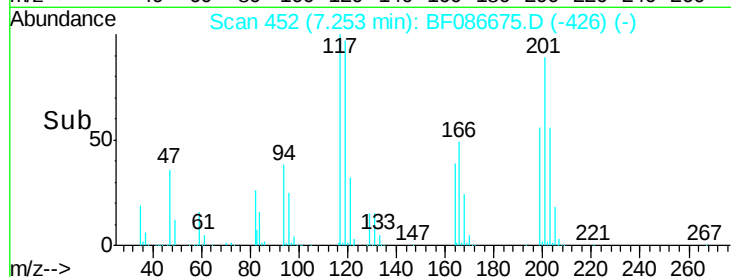
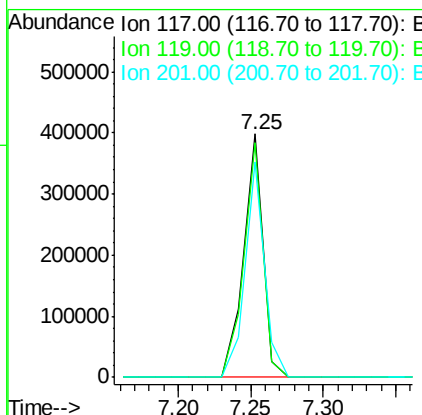
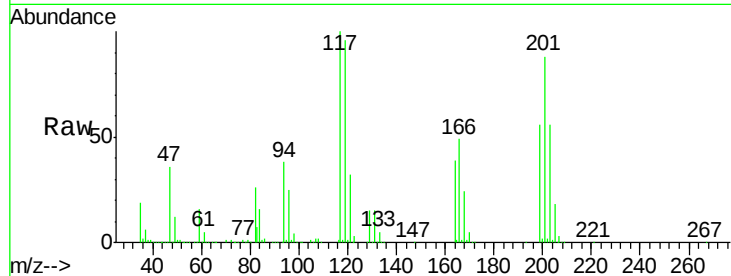
#18
Hexachloroethane
Concen: 73.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369223		
119	96.5	76.5	114.7	
201	88.5	63.0	94.6	

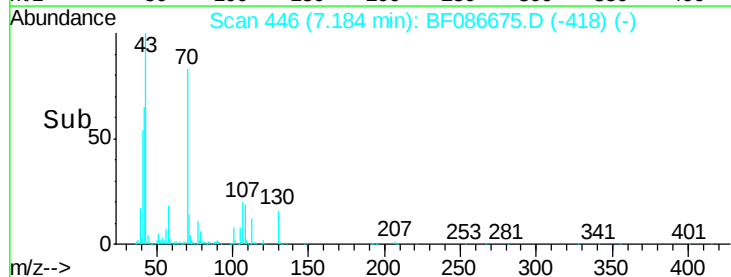
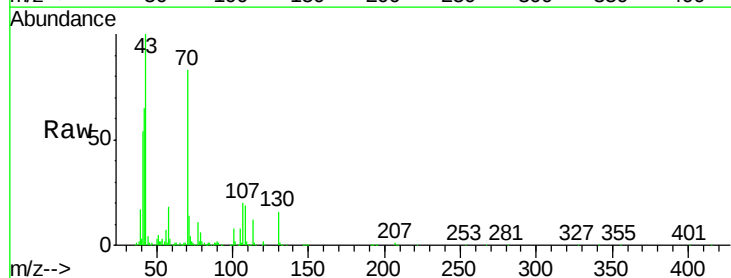
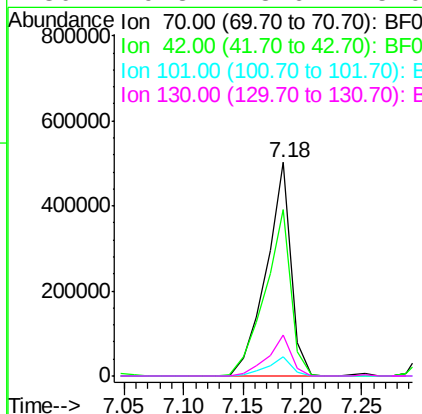
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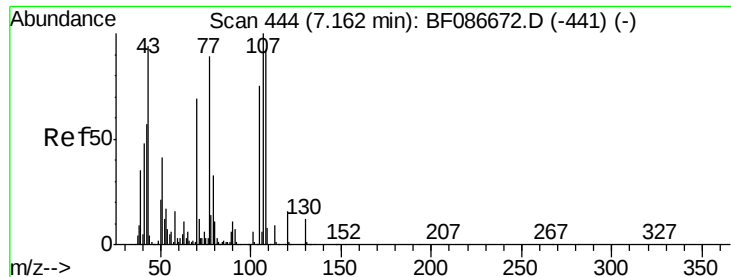
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#19
n-Nitroso-di-n-propylamine
Concen: 80.72 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	727813		
42	77.8	43.1	64.7#	
101	9.0	8.1	12.1	
130	19.3	18.6	28.0	





#20

3+4-Methylphenols

Concen: 67.31 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

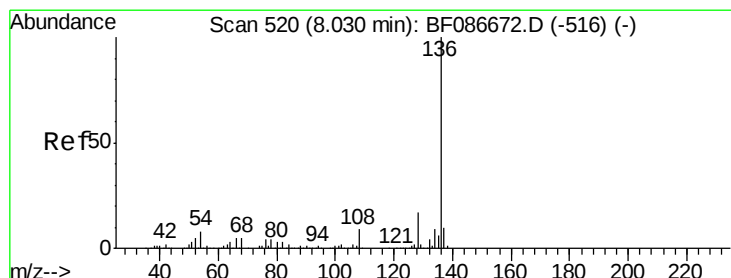
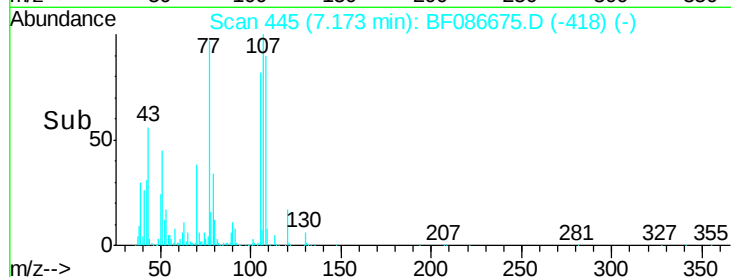
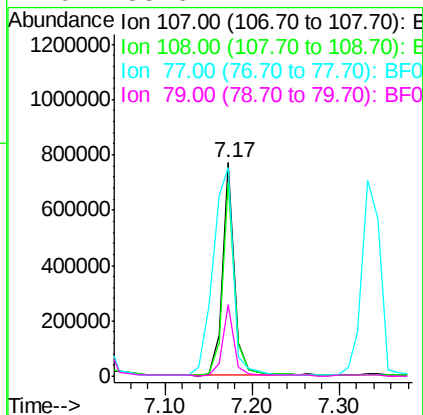
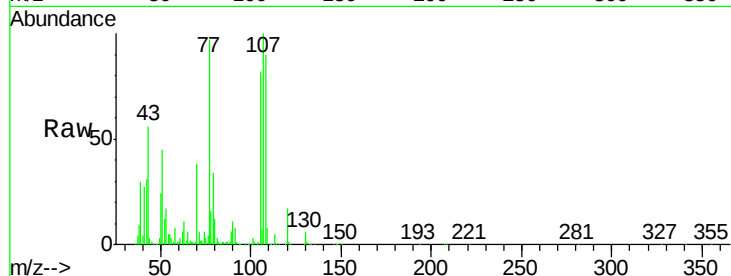
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	97.5	101.6	141.6#
79	33.6	7.4	47.4

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#21

Naphthalene-d8

Concen: 20.00 ng

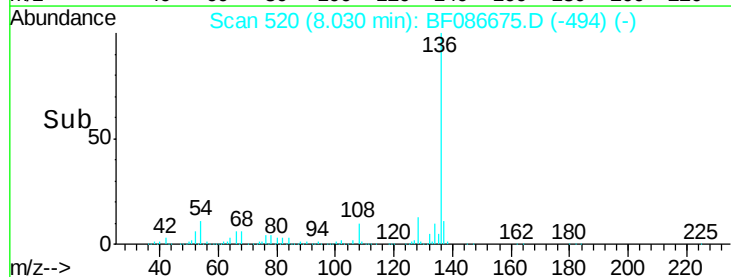
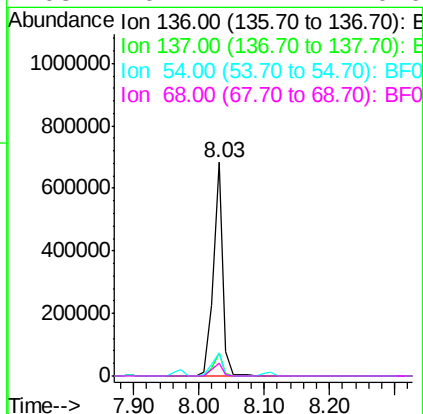
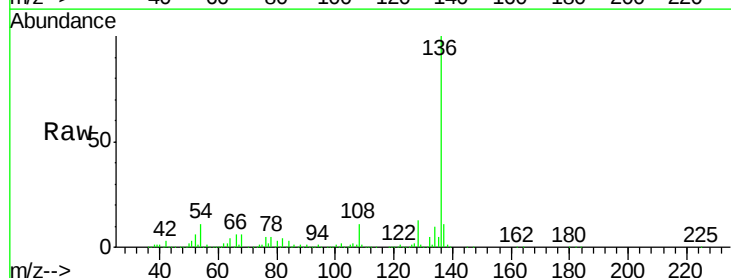
RT: 8.03 min Scan# 520

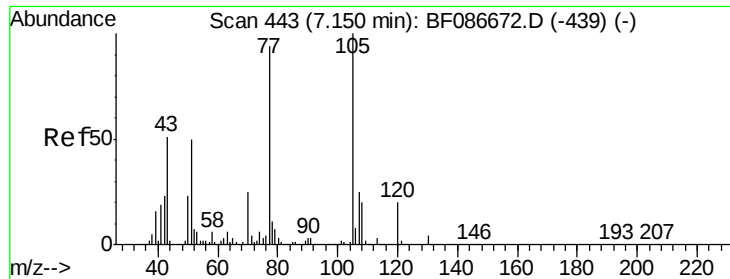
Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.9	5.0	7.4#
68	6.2	4.4	6.6





#22

Acetophenone

Concen: 78.71 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:105 Resp: 1209493

Ion Ratio Lower Upper

105 100

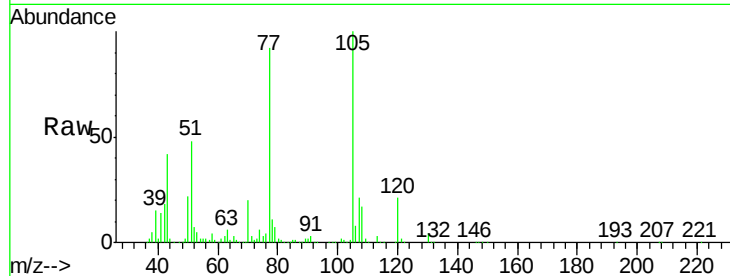
71 3.3 4.8 7.2#

51 47.5 32.6 49.0

120 20.5 16.5 24.7

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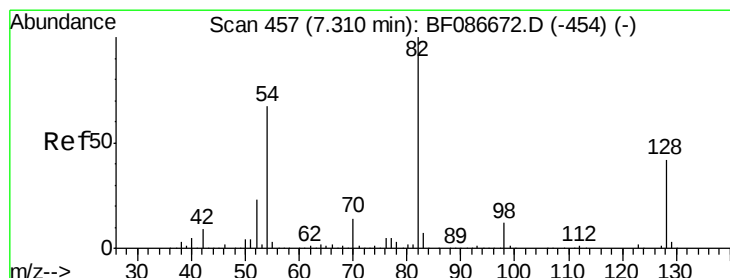
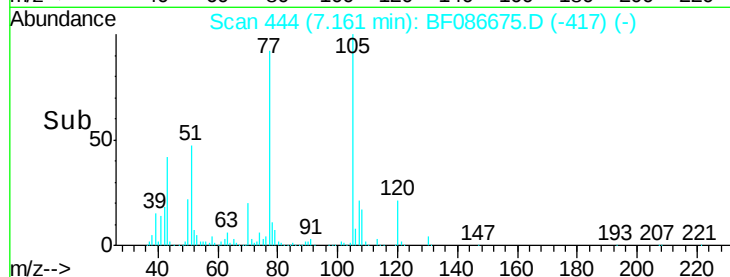
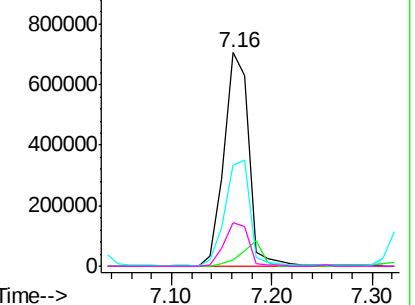


Abundance Ion 105.00 (104.70 to 105.70): E

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: 153.46 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

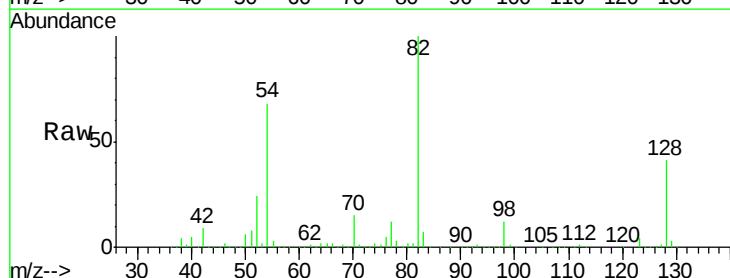
Tgt Ion: 82 Resp: 1995046

Ion Ratio Lower Upper

82 100

128 40.6 40.6 61.0#

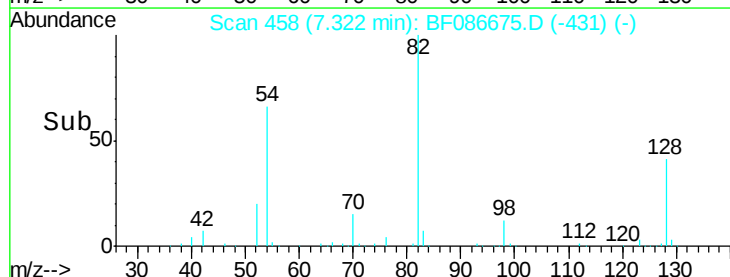
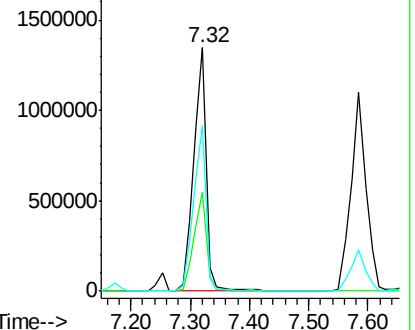
54 68.2 38.1 57.1#

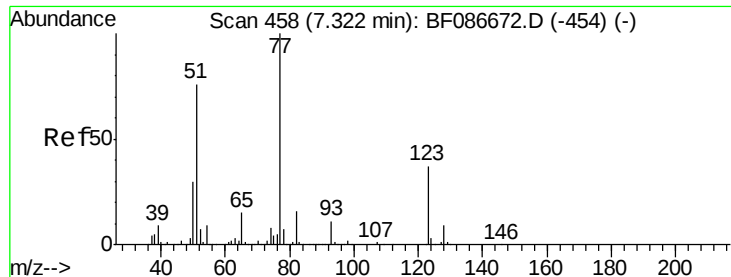


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





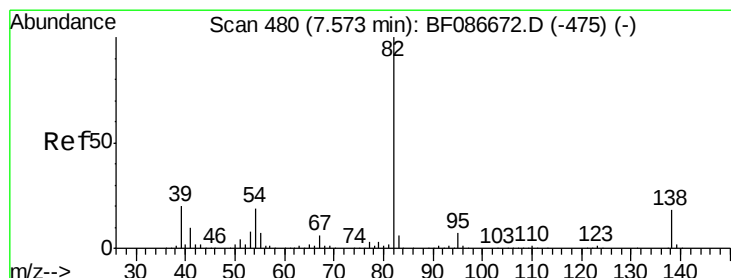
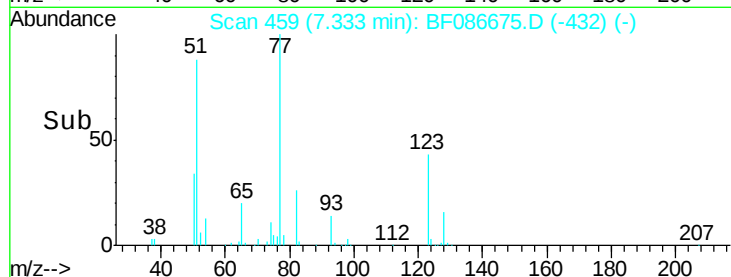
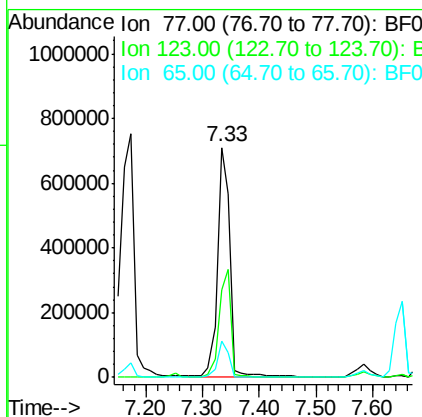
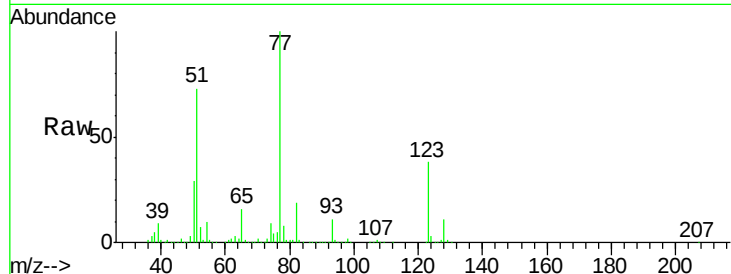
#24
Nitrobenzene
Concen: 78.25 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.9	33.0	49.4
65	15.5	10.8	16.2

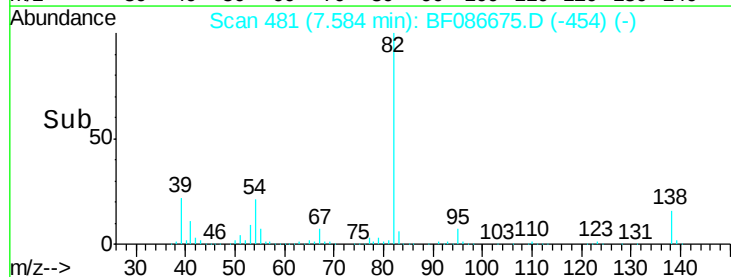
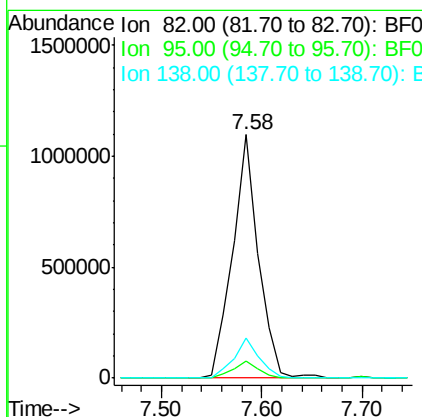
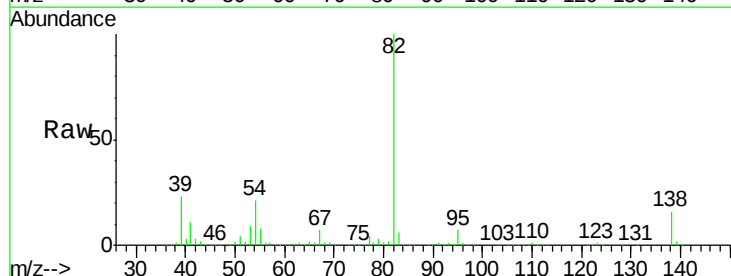
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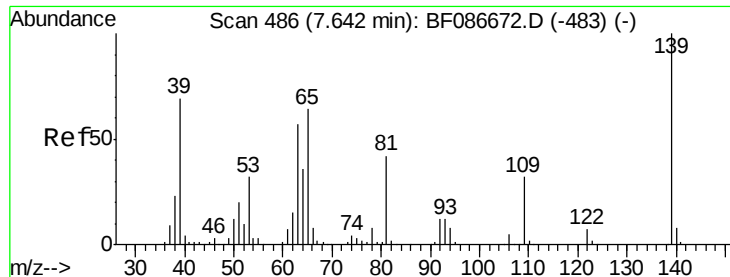
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#25
Isophorone
Concen: 78.25 ng
RT: 7.58 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.1	7.7
138	16.3	12.4	18.6





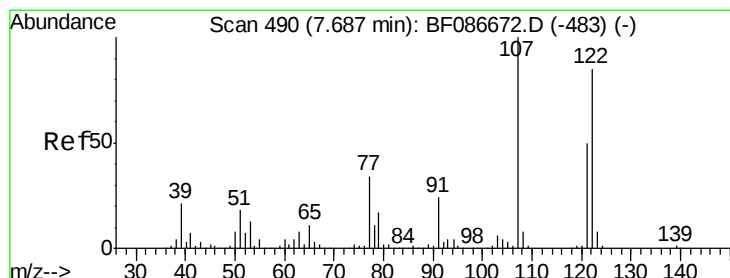
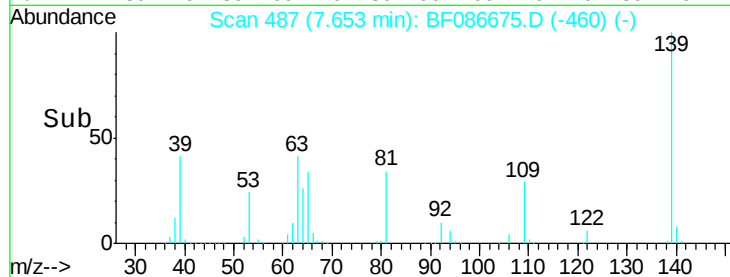
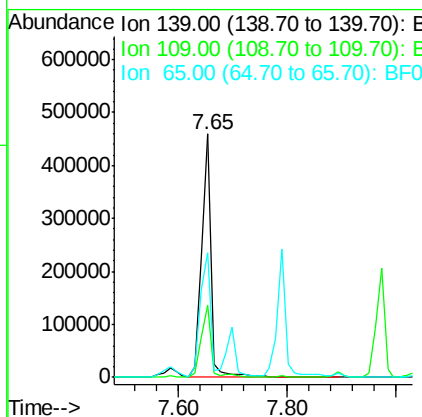
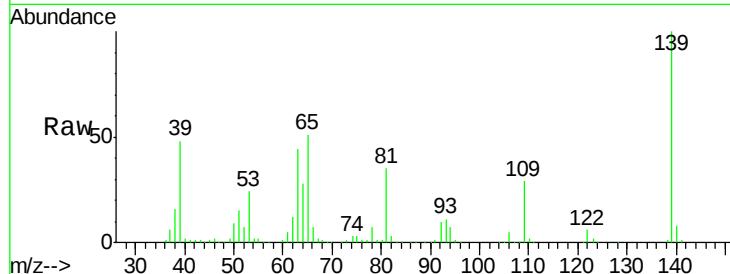
#26
2-Nitrophenol
Concen: 87.13 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.4	19.5	29.3	
65	50.9	37.5	56.3	

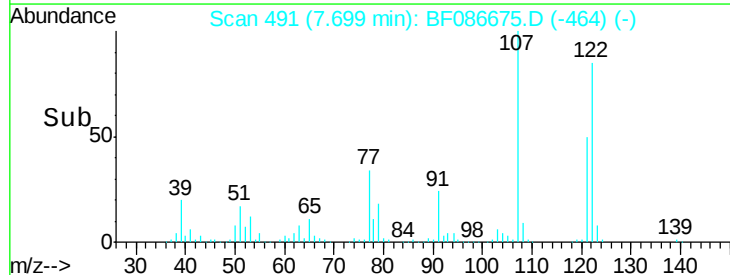
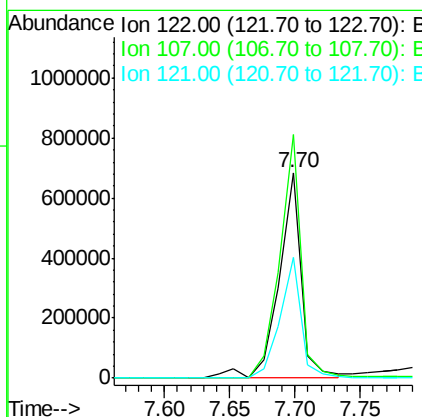
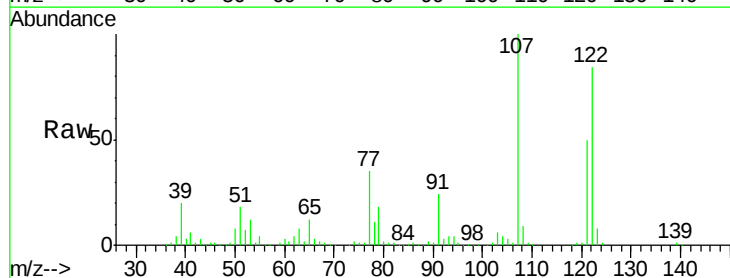
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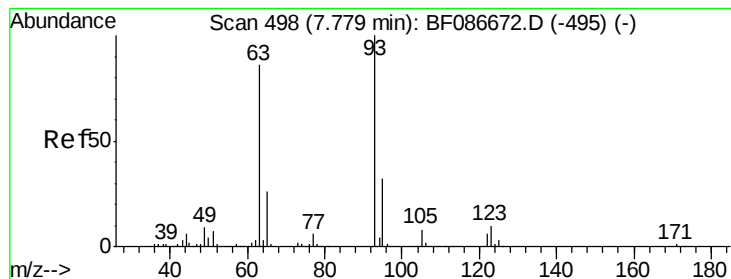
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#27
2,4-Dimethylphenol
Concen: 76.44 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.4	82.0	123.0	
121	58.7	46.1	69.1	





#28

bis(2-Chloroethoxy)methane

Concen: 73.97 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 1008300

Ion Ratio Lower Upper

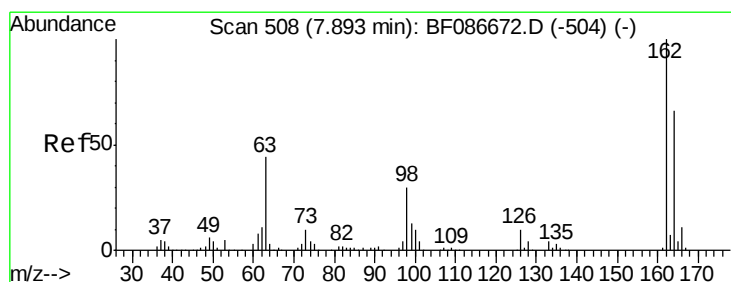
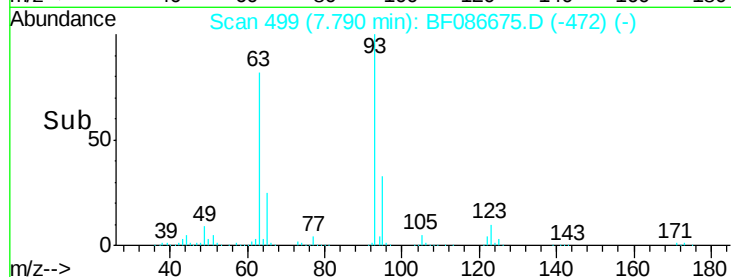
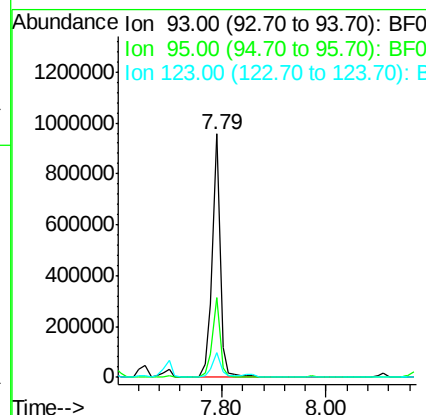
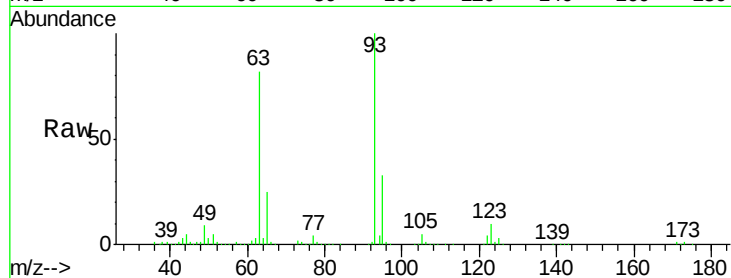
93 100

95 33.0 26.0 39.0

123 10.3 9.5 14.3

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#29

2,4-Dichlorophenol

Concen: 74.73 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

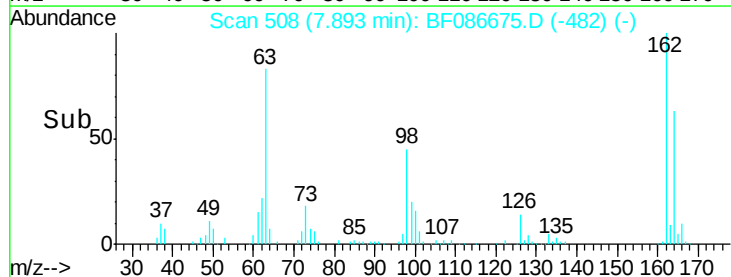
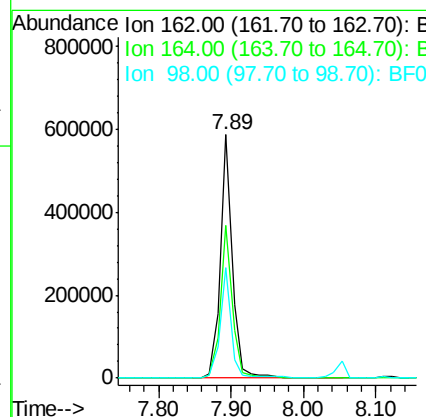
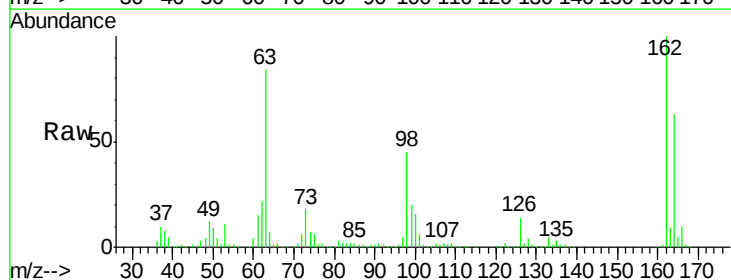
Tgt Ion: 162 Resp: 681181

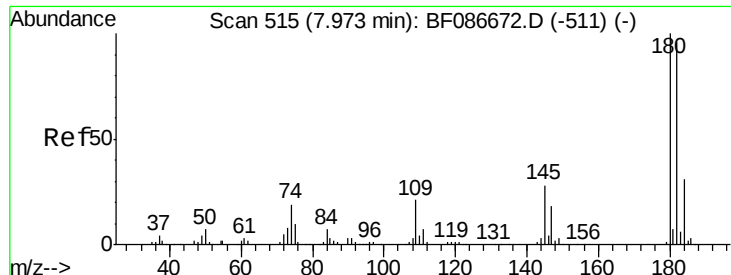
Ion Ratio Lower Upper

162 100

164 63.0 42.2 82.2

98 45.4 19.0 59.0





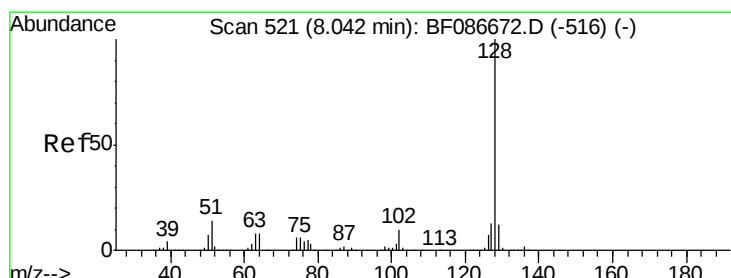
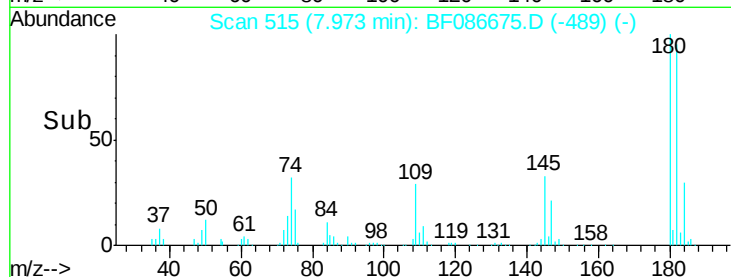
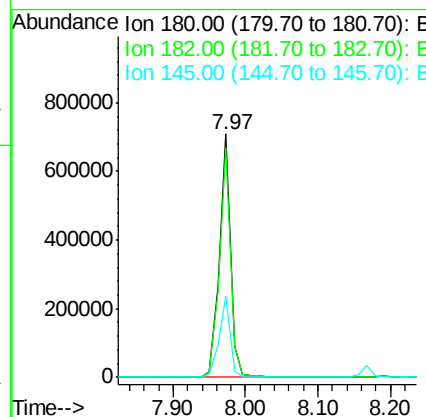
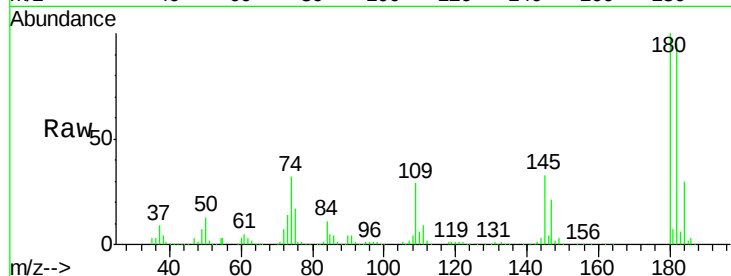
#30
 1,2,4-Trichlorobenzene
 Concen: 71.76 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
180	100	758891		
182	94.5	78.0	117.0	
145	33.2	24.2	36.2	

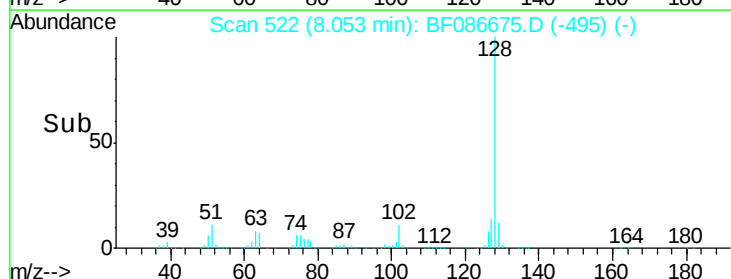
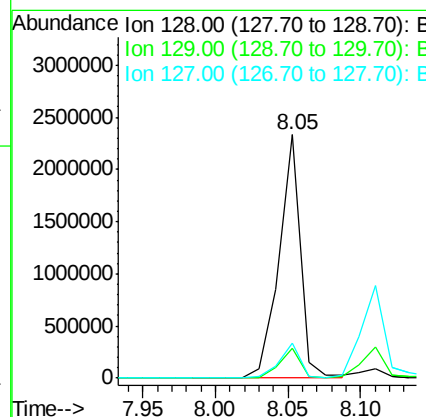
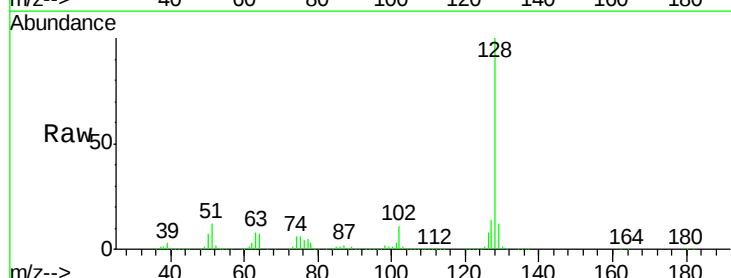
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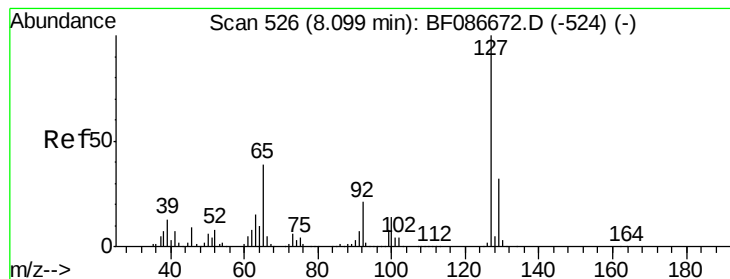
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#31
 Naphthalene
 Concen: 67.12 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2393218		
129	12.1	8.6	13.0	
127	14.5	10.8	16.2	





#33

4-Chloroaniline

Concen: 82.29 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

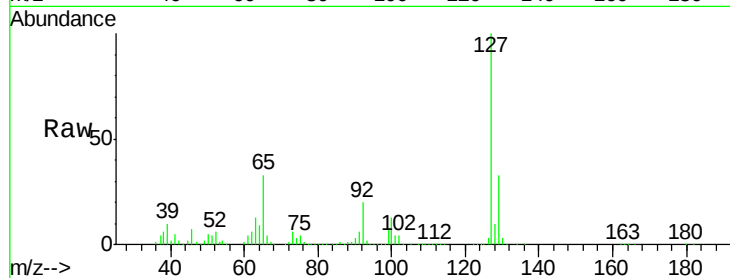
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.2	39.4		
65	32.9	23.0	34.4		
92	20.0	15.1	22.7		

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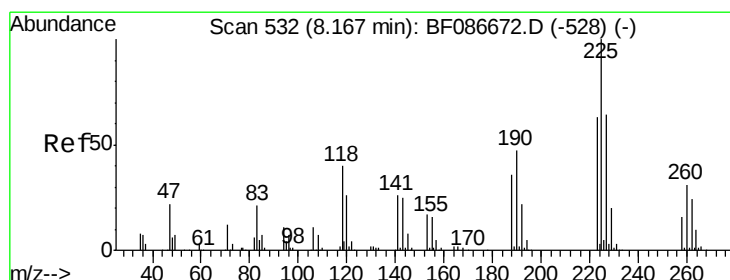
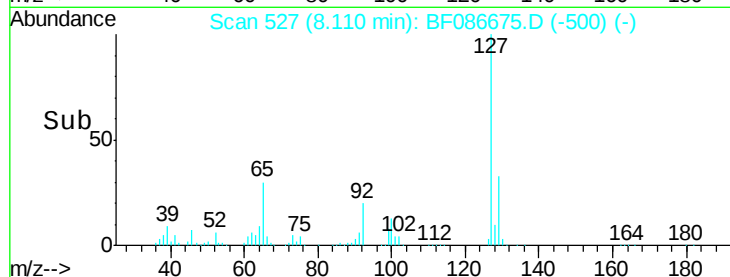
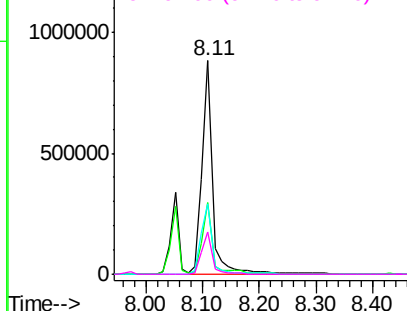


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 68.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF086675.D

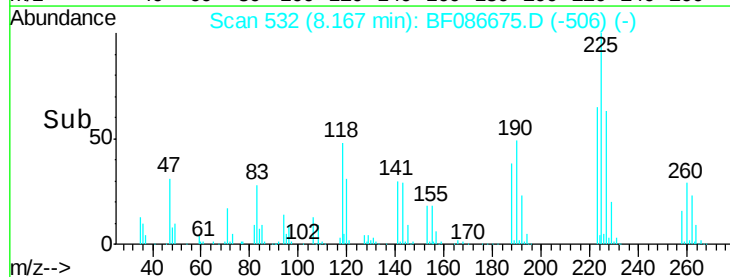
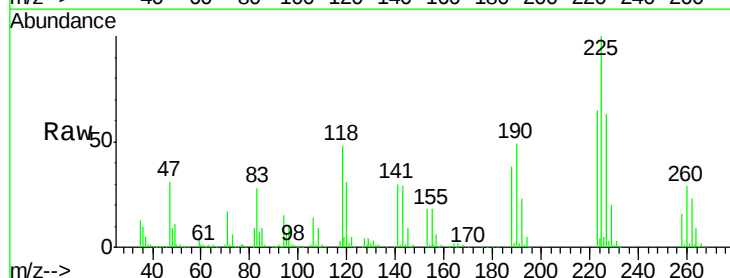
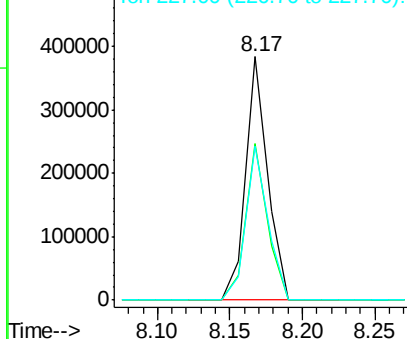
Acq: 4 May 2016 14:11

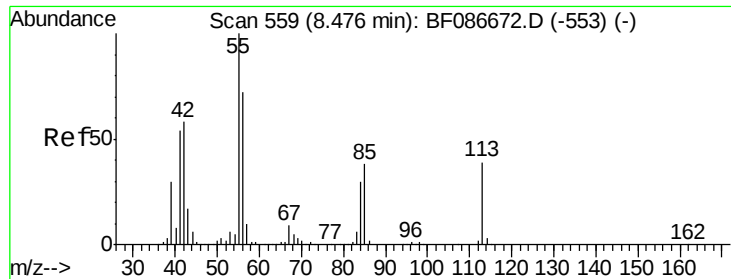
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.5	77.3		
227	63.1	52.2	78.2		

Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 78.60 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.03 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

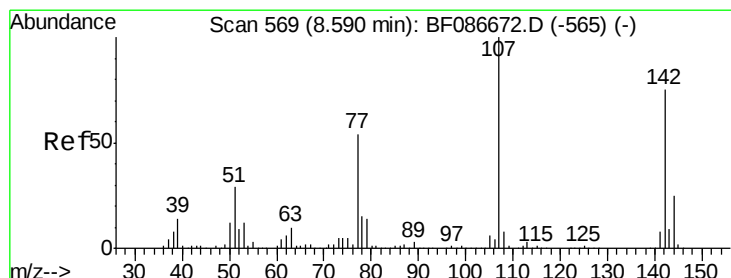
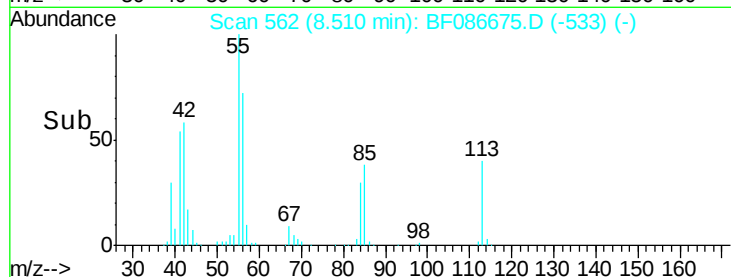
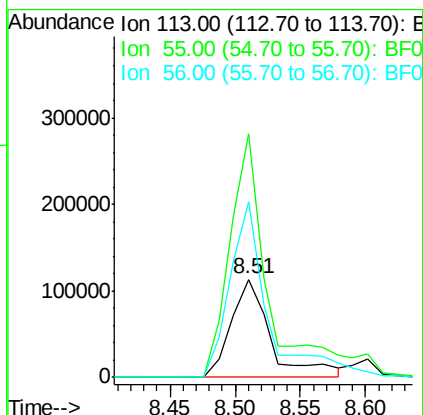
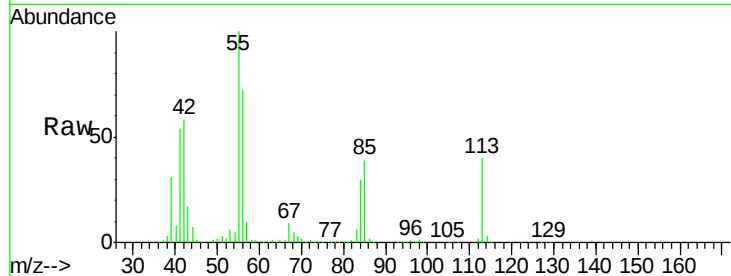
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	247.9	162.0	202.0#	
56	178.9	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 73.58 ng

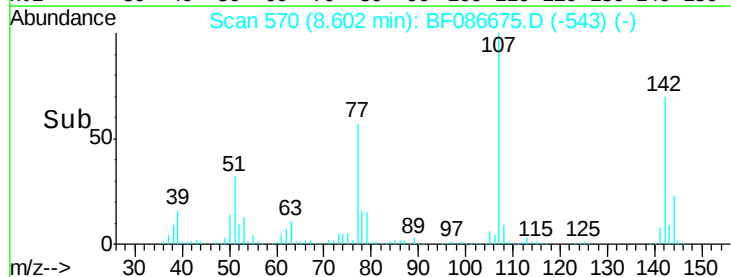
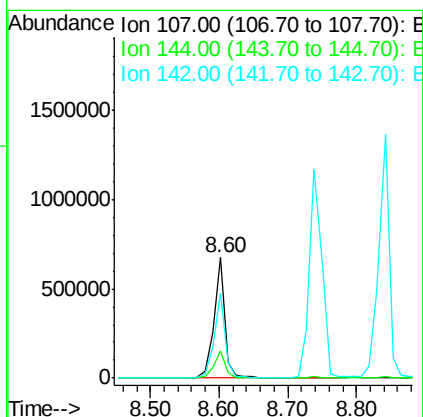
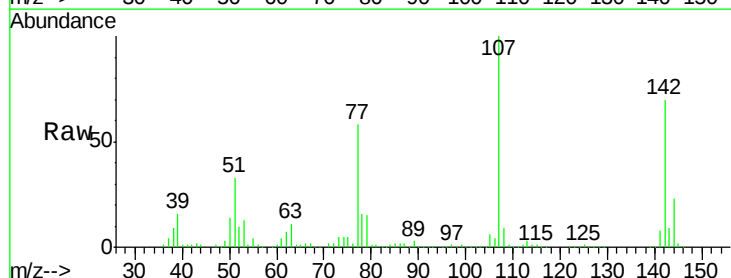
RT: 8.60 min Scan# 570

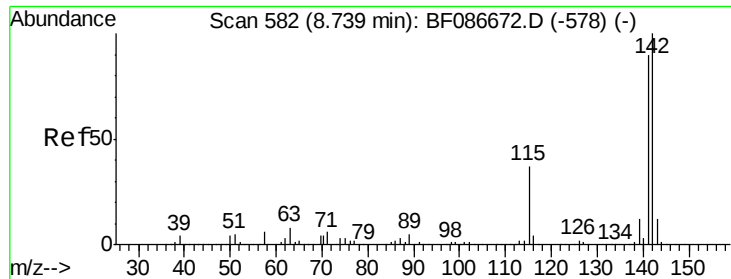
Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.0	20.7	31.1	
142	70.4	63.2	94.8	





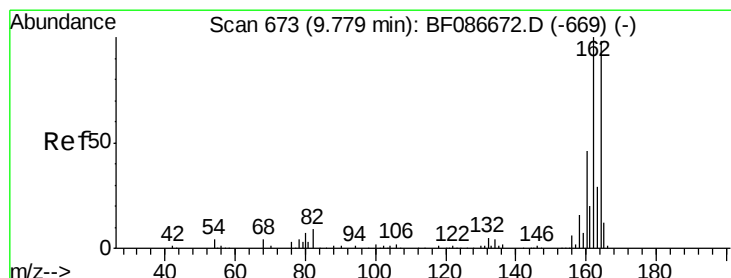
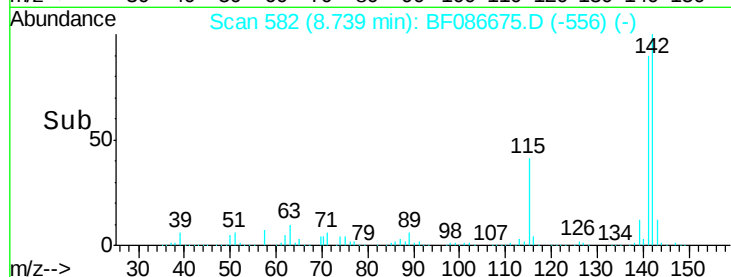
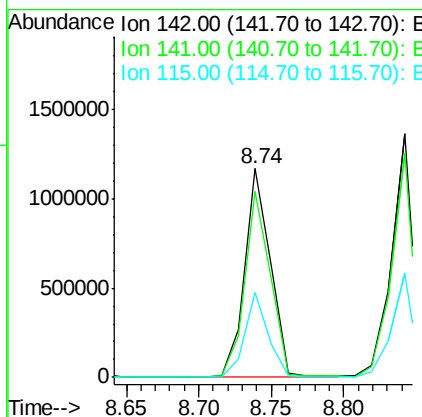
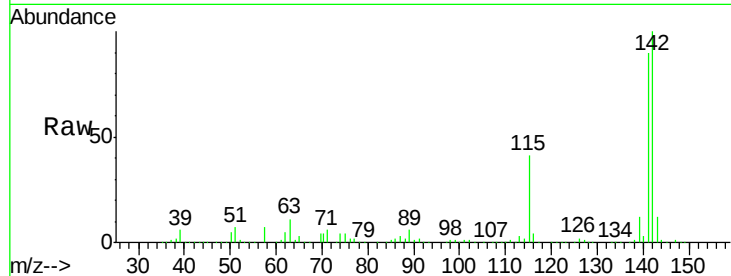
#37
2-Methylnaphthalene
Concen: 68.36 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	40.9	26.6	39.8

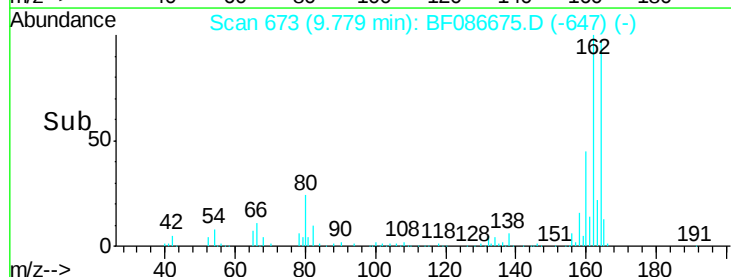
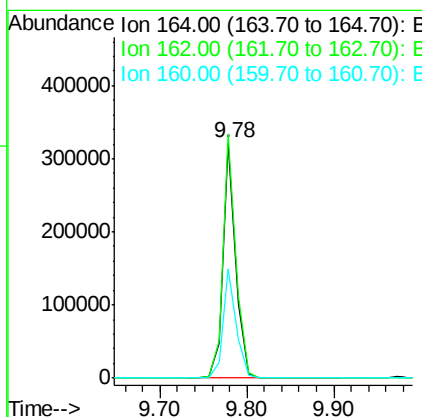
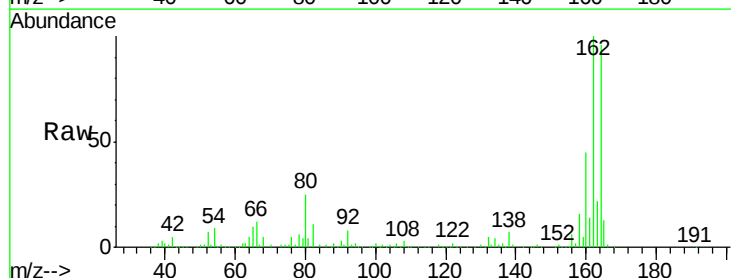
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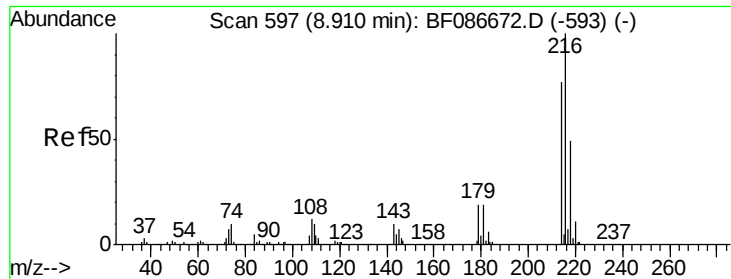
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	46.7	36.9	55.3





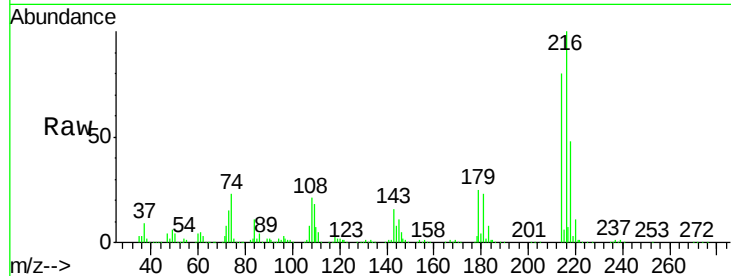
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 70.98 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

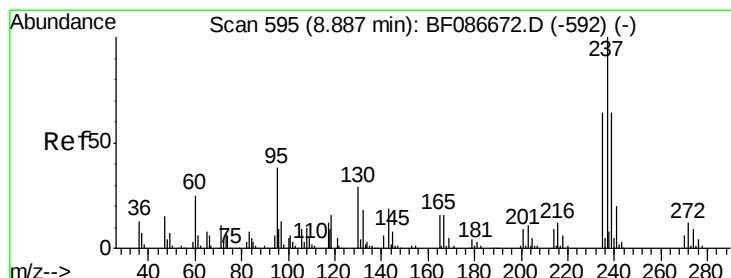
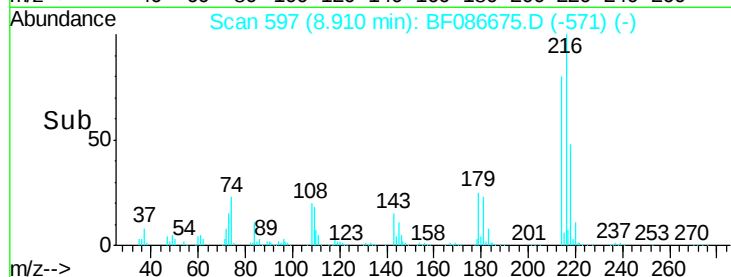
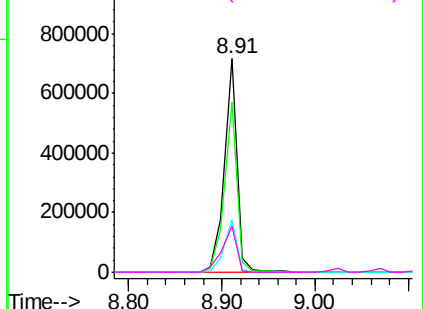
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		672914		
214	79.5		62.6	93.8	
179	25.0		18.2	27.4	
108	24.8		17.5	26.3	

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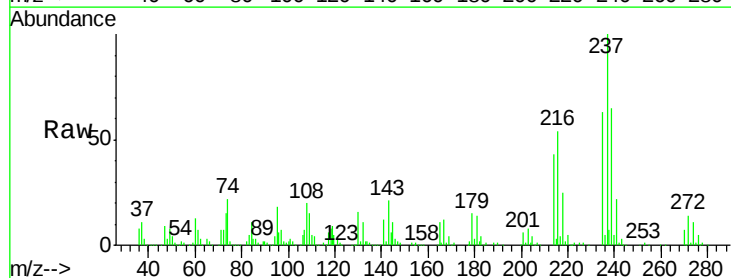


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

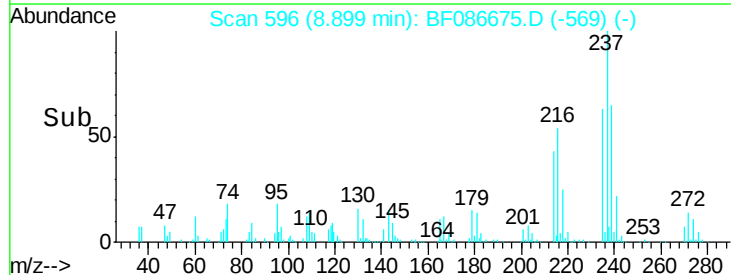
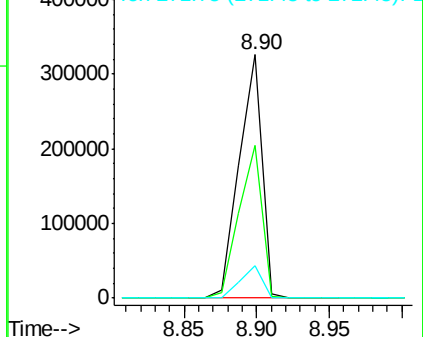


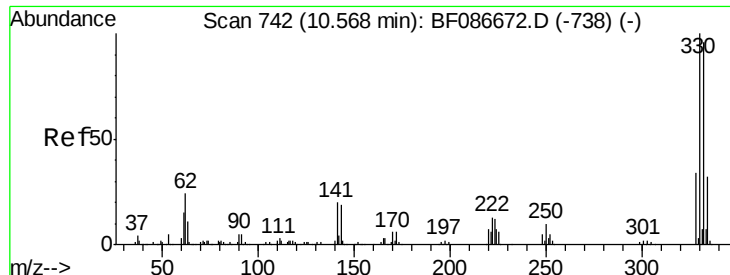
#40
 Hexachlorocyclopentadiene
 Concen: 75.87 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		357439		
235	62.6		47.2	87.2	
272	13.6		0.0	31.1	



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





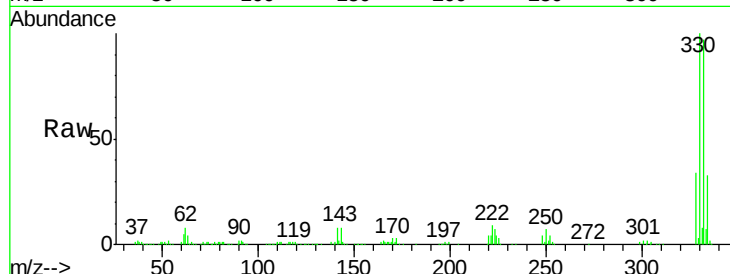
#41
 2,4,6-Tribromophenol
 Concen: 154.88 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

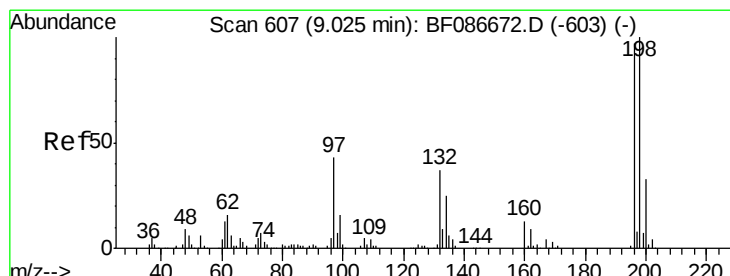
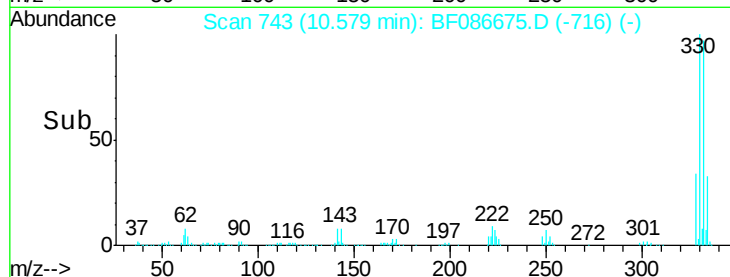
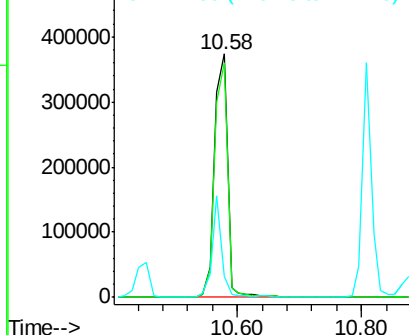
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	79.0	118.4	
141	29.8	31.2	46.8	

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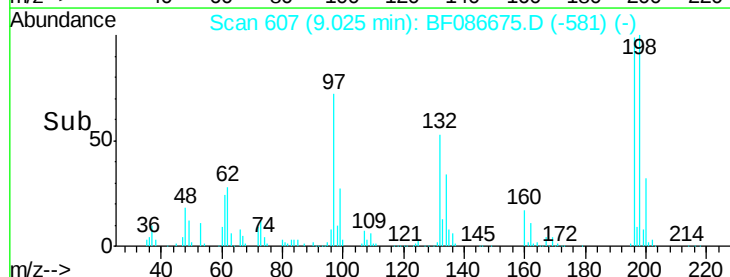
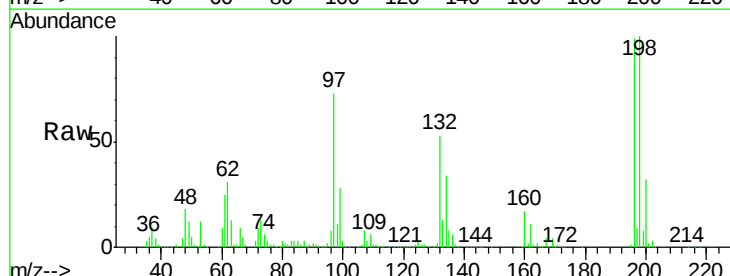
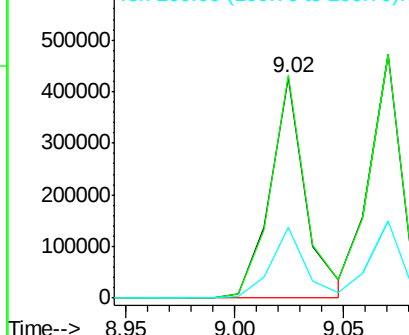
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

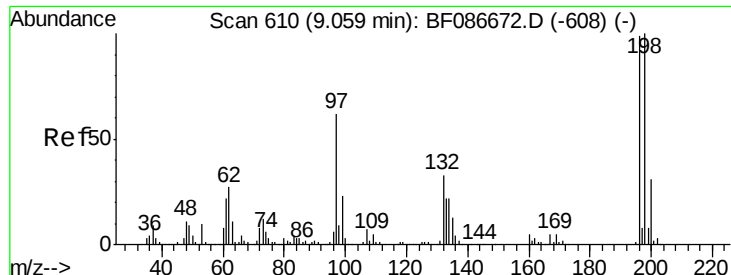


#42
 2,4,6-Trichlorophenol
 Concen: 80.92 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	74.7	112.1	
200	32.0	23.8	35.6	

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





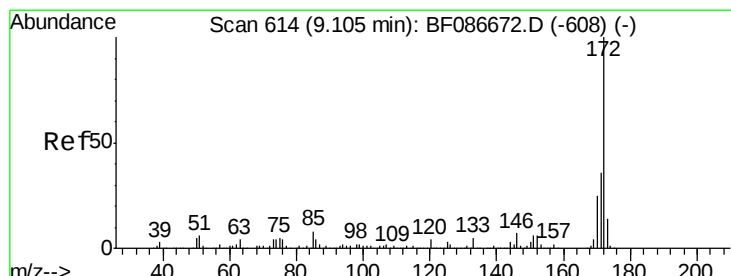
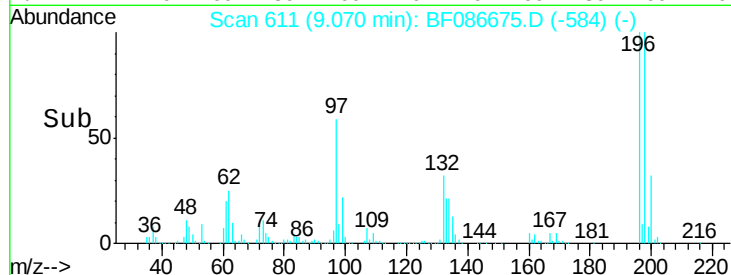
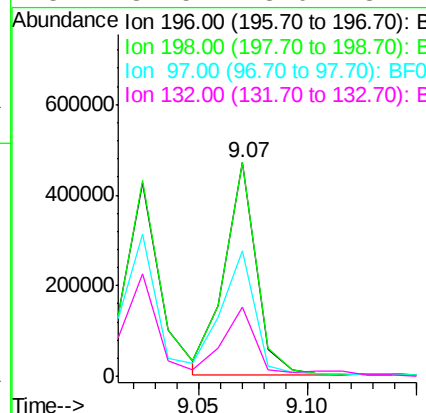
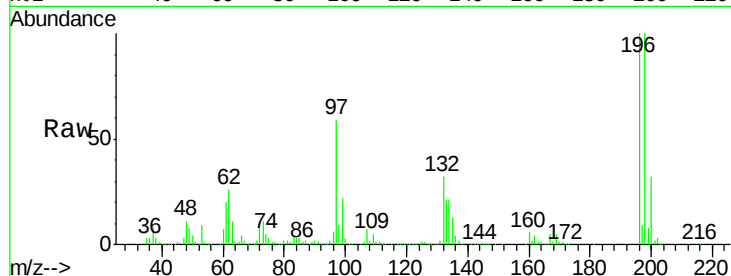
#43
 2,4,5-Trichlorophenol
 Concen: 72.94 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	476417		
198	100.2	77.5	116.3	
97	59.0	34.8	52.2	
132	32.5	23.0	34.4	

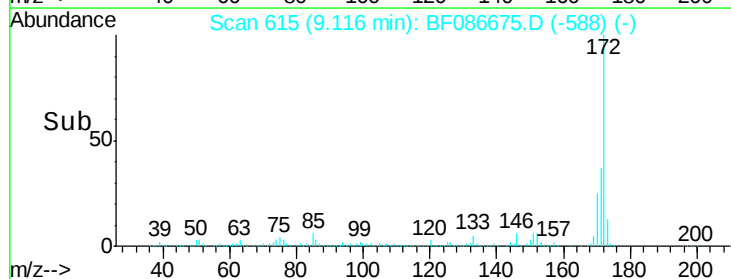
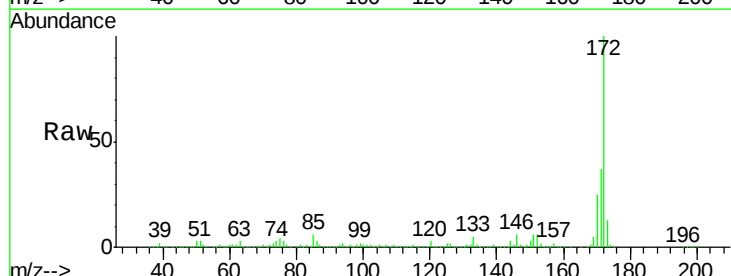
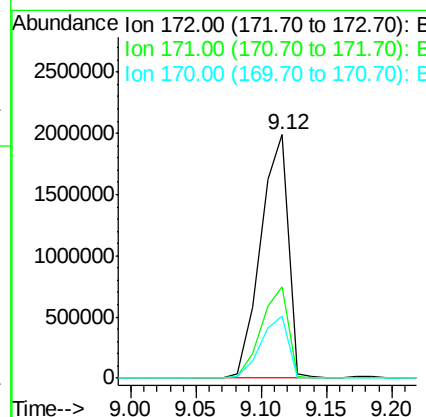
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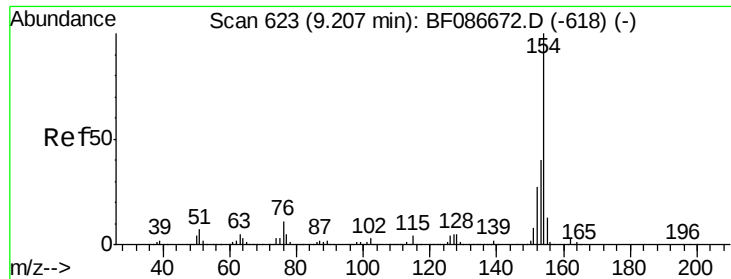
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#44
 2-Fluorobiphenyl
 Concen: 150.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2946385		
171	37.3	29.0	43.6	
170	25.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 60.73 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1681302

Ion Ratio Lower Upper

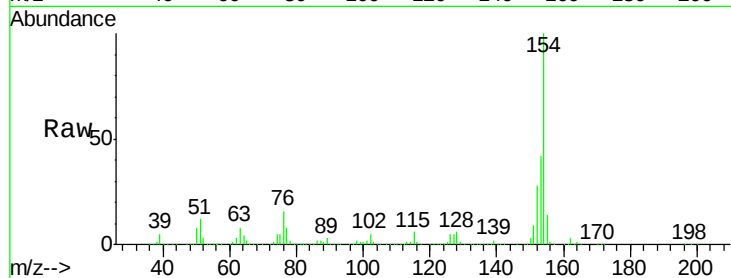
154 100

153 41.5 20.3 60.3

76 16.2 0.0 30.2

Manual Integrations
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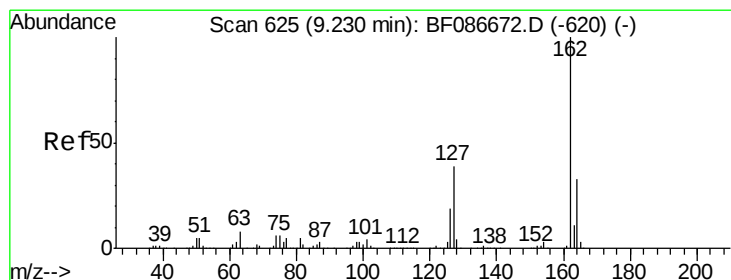
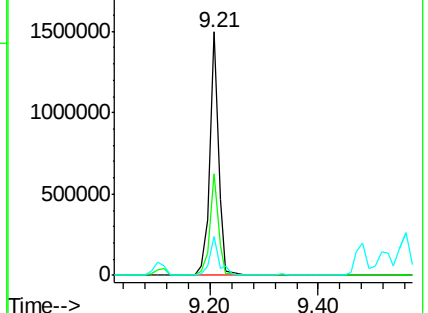
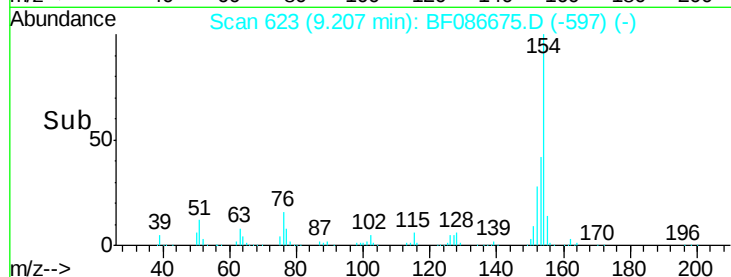
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 65.78 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

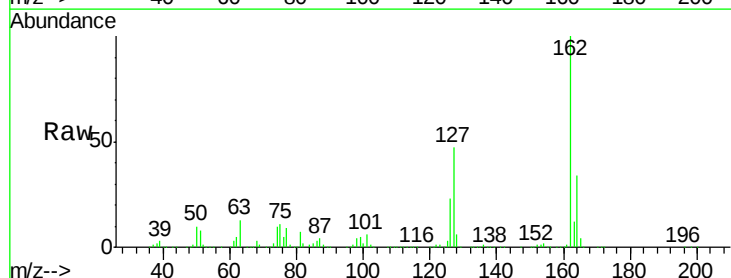
Tgt Ion:162 Resp: 1384667

Ion Ratio Lower Upper

162 100

127 47.2 31.8 47.6

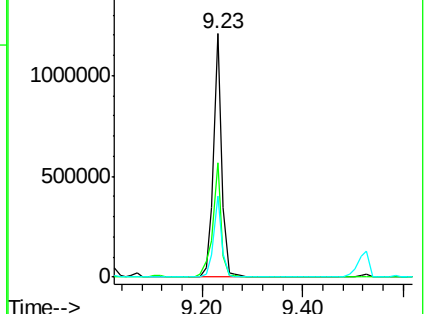
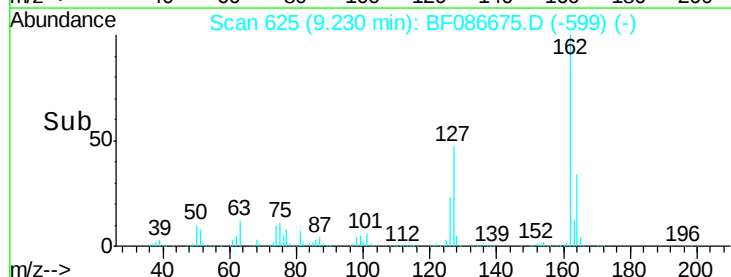
164 33.5 27.0 40.6

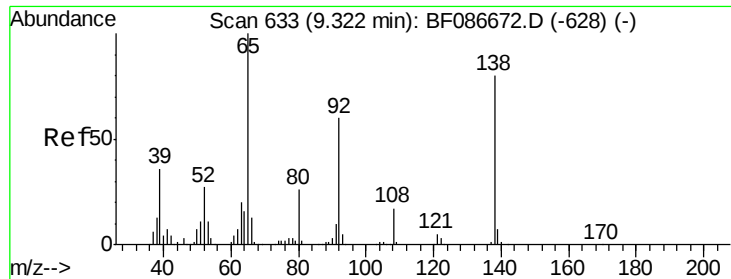


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





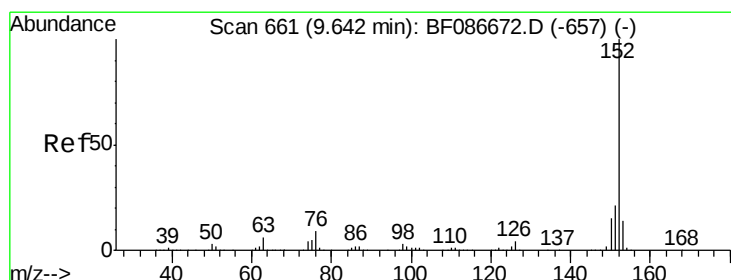
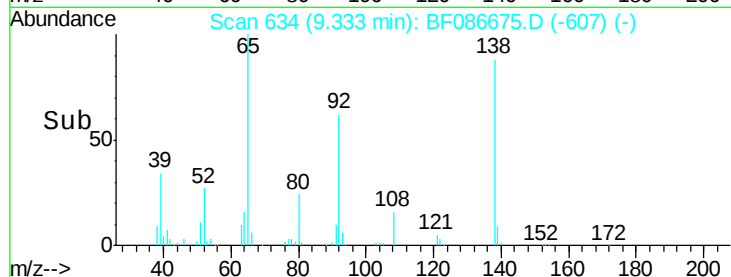
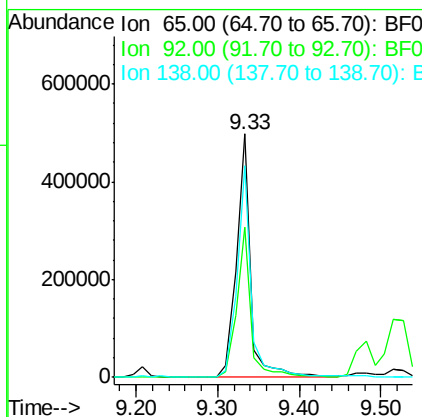
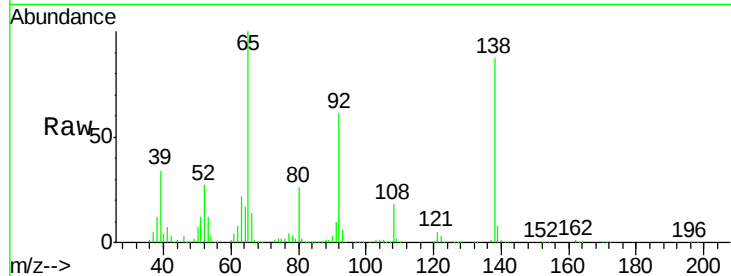
#47
2-Nitroaniline
Concen: 89.57 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	57.4	86.2
138	87.1	90.1	135.1#

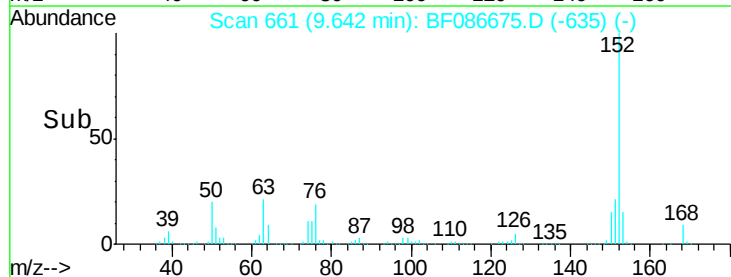
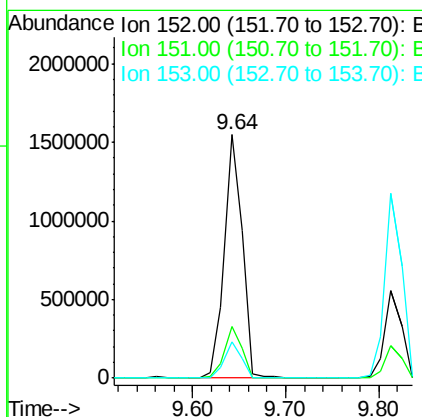
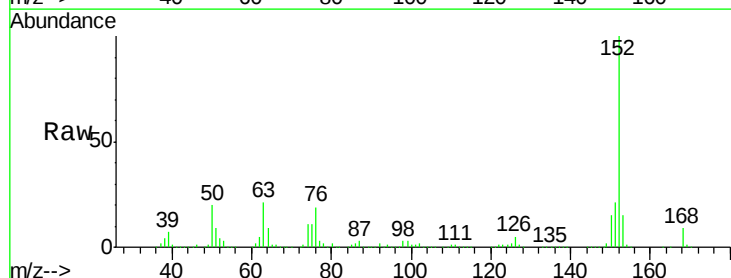
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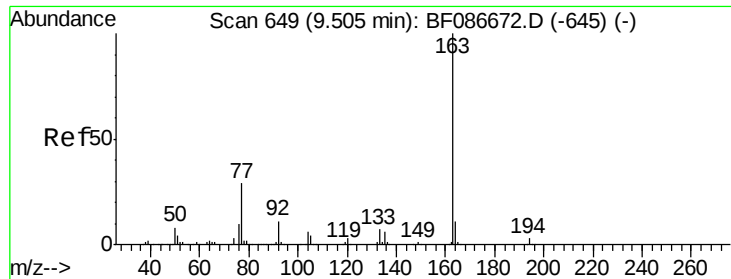
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#48
Acenaphthylene
Concen: 63.12 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.8	10.9	16.3





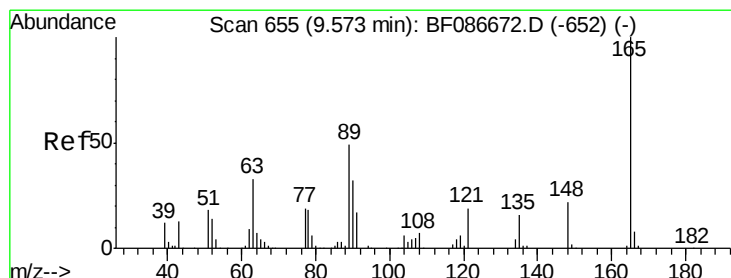
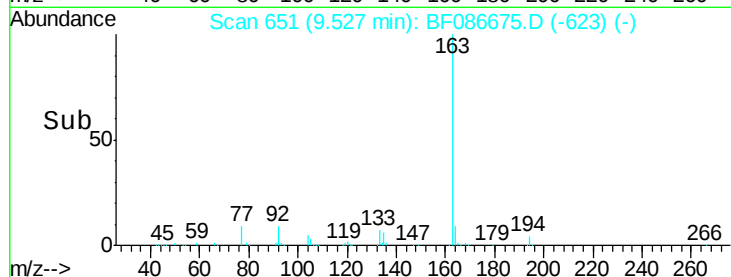
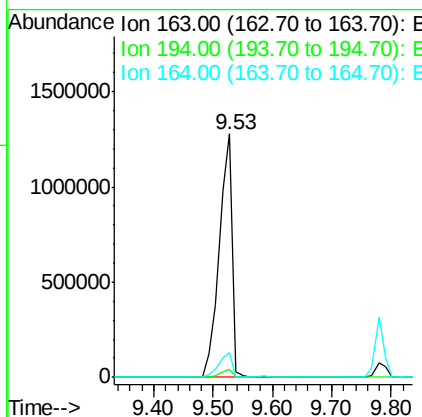
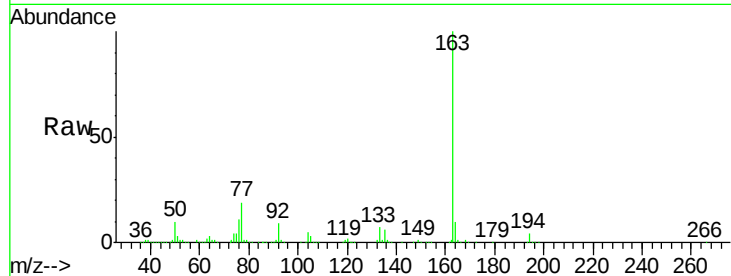
#49
Dimethylphthalate
Concen: 77.51 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 1932449
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.2 12.4

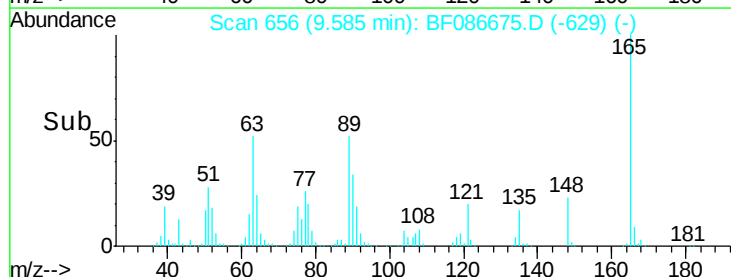
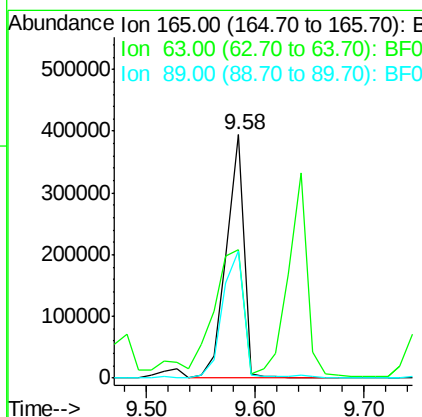
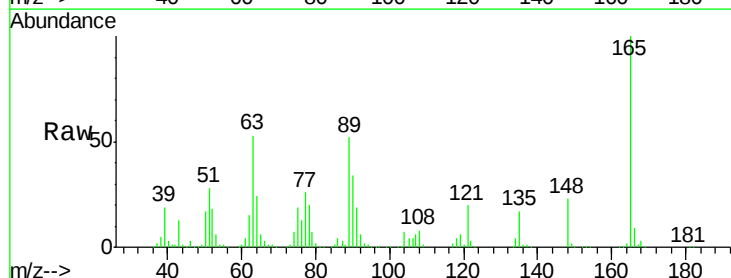
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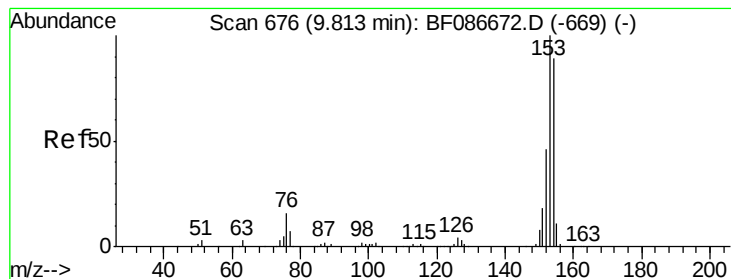
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#50
2,6-Dinitrotoluene
Concen: 86.04 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:165 Resp: 443195
Ion Ratio Lower Upper
165 100
63 52.9 51.8 77.8
89 52.3 50.7 76.1





#51

Acenaphthene

Concen: 68.37 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1444792

Ion Ratio Lower Upper

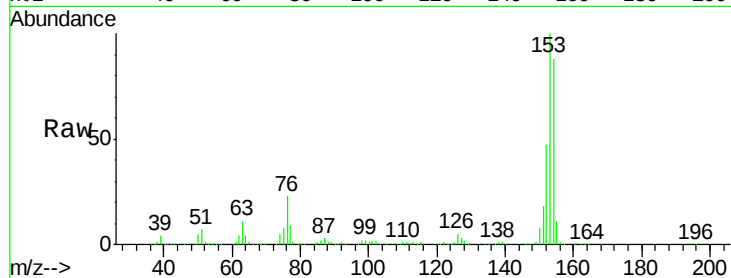
154 100

153 113.6 89.8 134.6

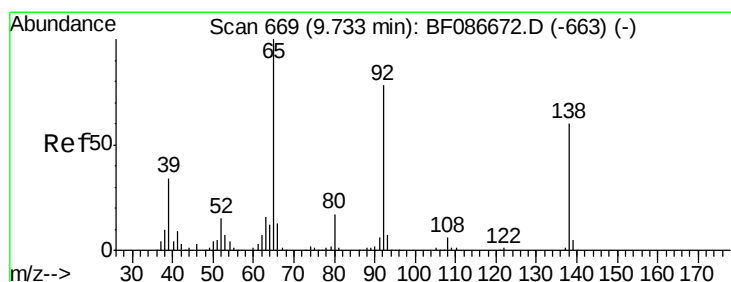
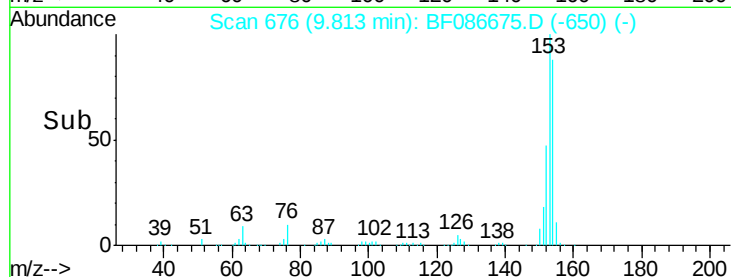
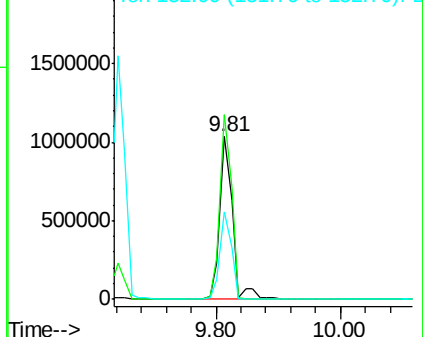
152 53.6 43.4 65.0

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



#52

3-Nitroaniline

Concen: 81.16 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

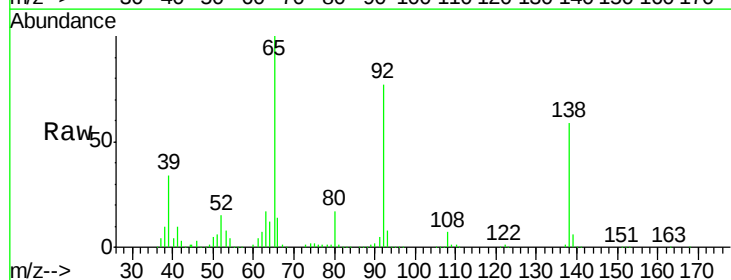
Tgt Ion:138 Resp: 475453

Ion Ratio Lower Upper

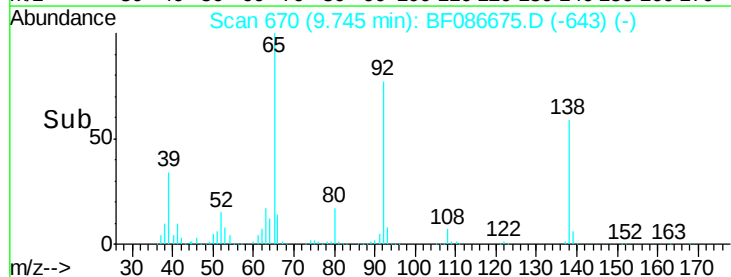
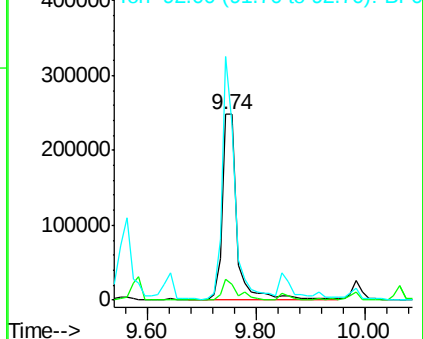
138 100

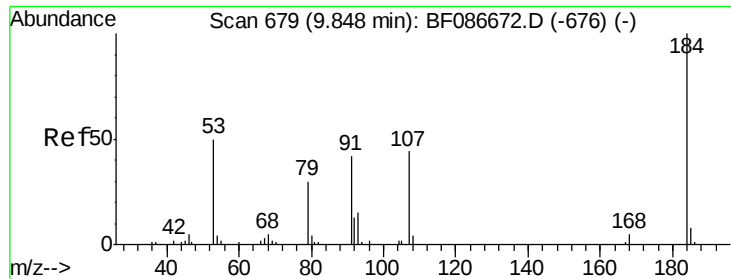
108 11.3 7.8 11.6

92 131.0 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





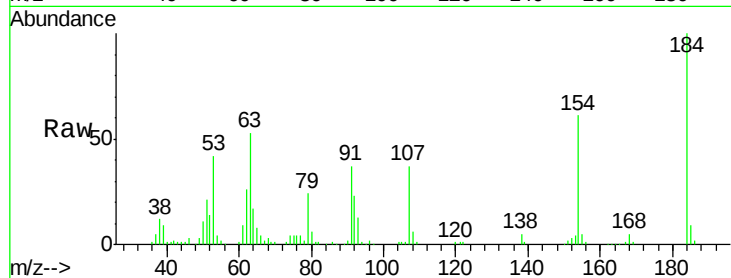
#53
2,4-Dinitrophenol
Concen: 74.40 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

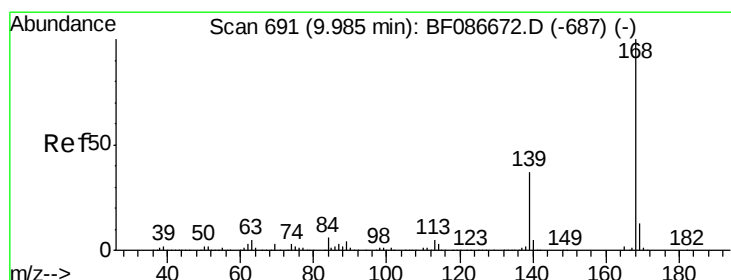
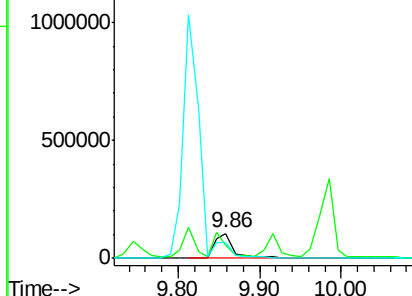
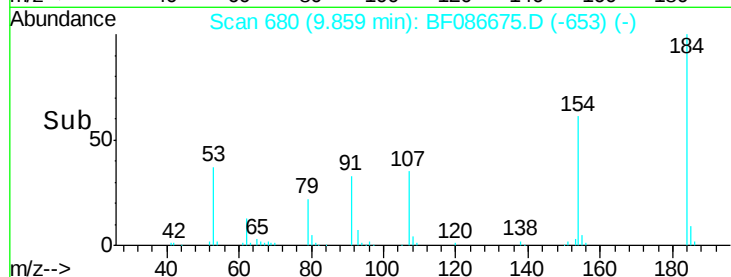
Tot Ion	Ratio	Resp	Lower	Upper
184	100	171423		
63	53.1	55.8	83.8#	
154	61.3	62.4	93.6#	

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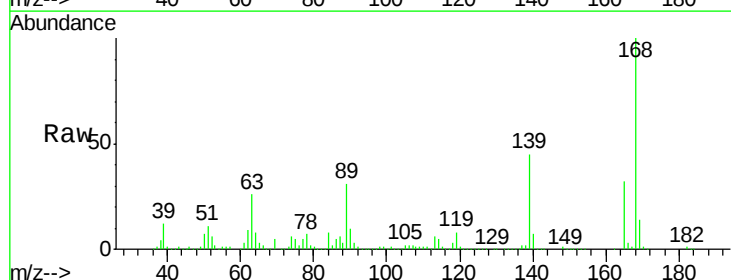


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

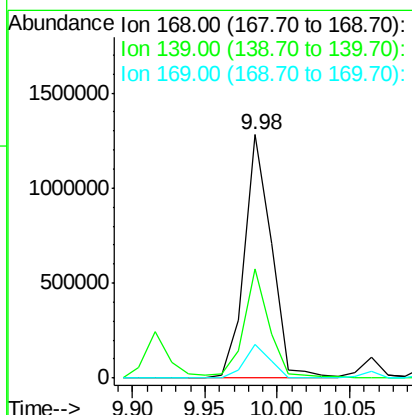
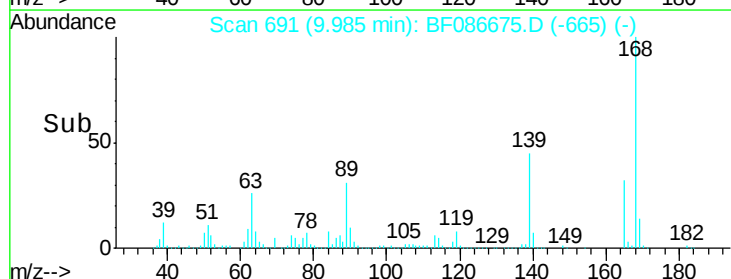


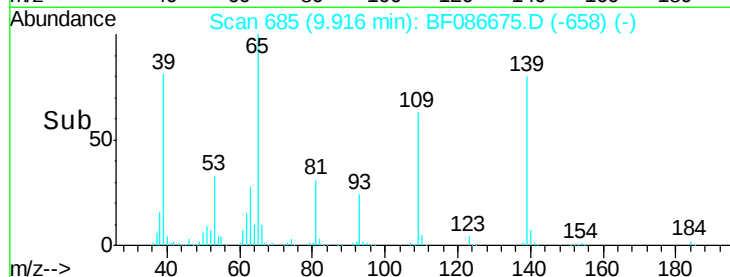
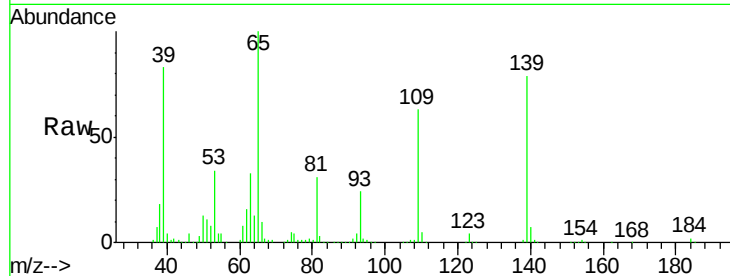
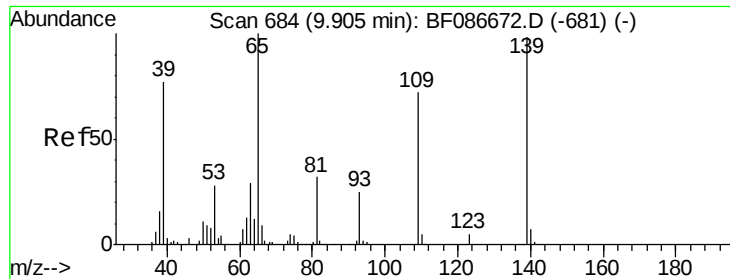
#54
Dibenzofuran
Concen: 62.67 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1655217		
139	45.0	31.4	47.0	
169	13.9	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





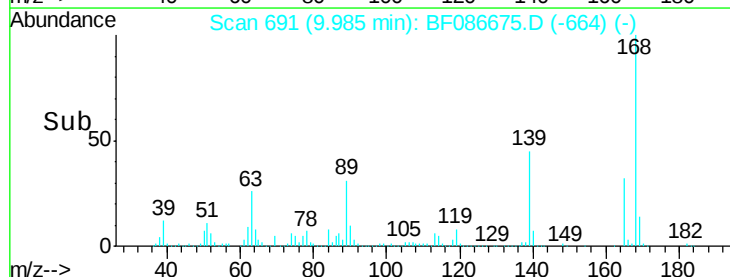
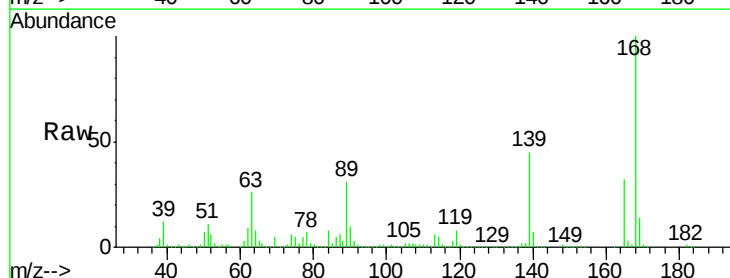
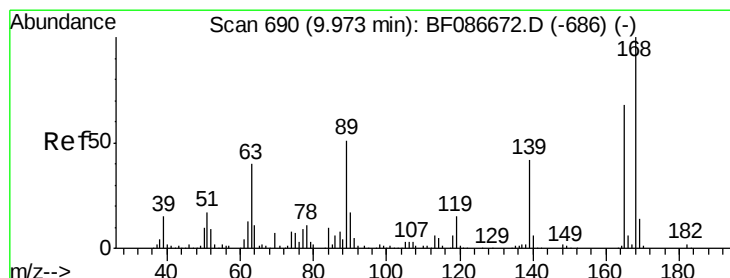
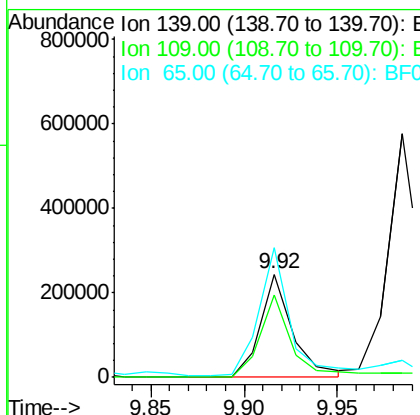
#55
4-Nitrophenol
Concen: 76.19 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tot Ion	Ratio	Resp	Lower	Upper
139	100	292233		
109	79.5	36.9	76.9#	
65	126.1	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

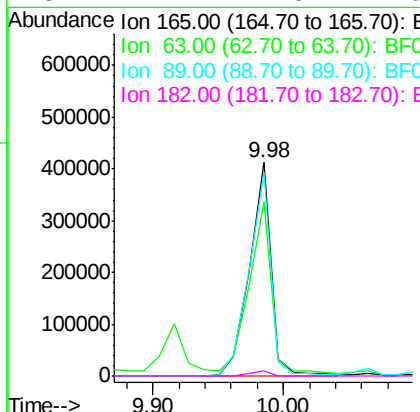
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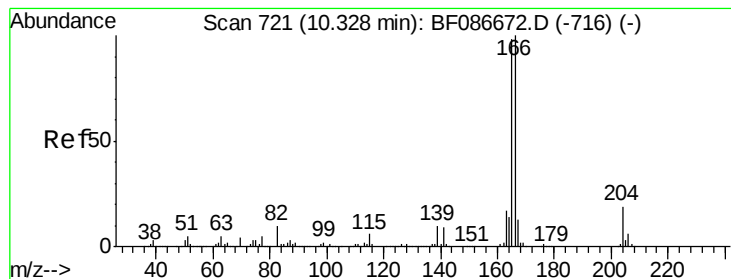
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#56
2,4-Dinitrotoluene
Concen: 72.84 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	478272		
63	81.8	44.3	66.5#	
89	95.4	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 57.13 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 1310072

Ion Ratio Lower Upper

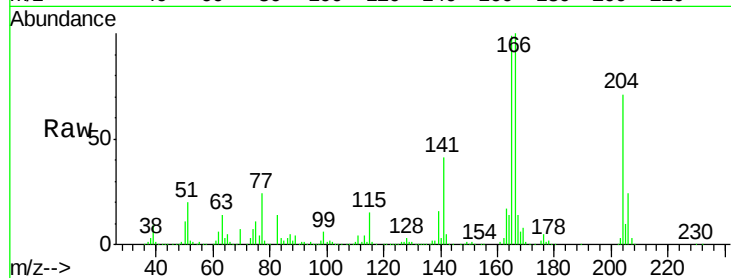
166 100

165 98.7 79.0 118.6

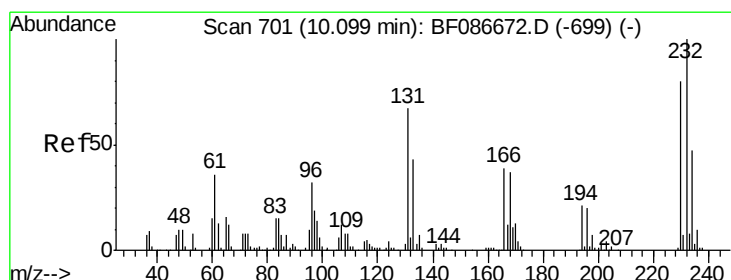
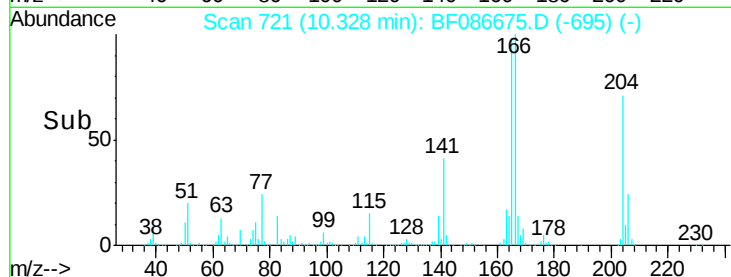
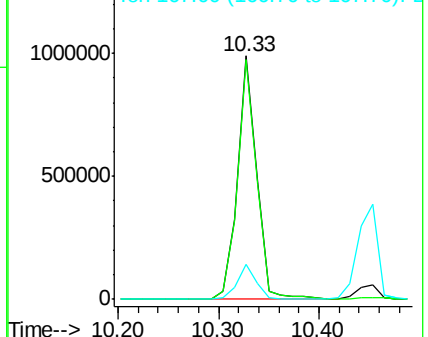
167 14.3 10.6 15.8

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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: 74.53 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion:232 Resp: 380583

Ion Ratio Lower Upper

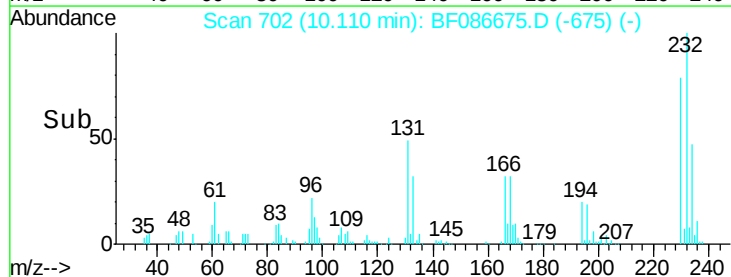
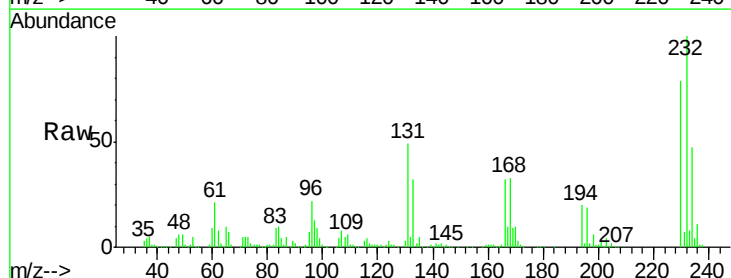
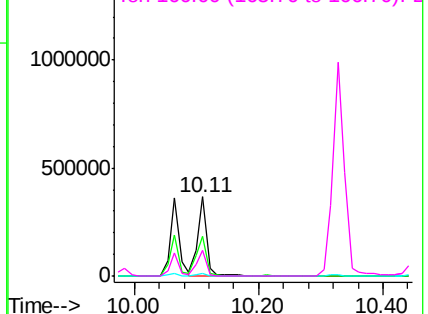
232 100

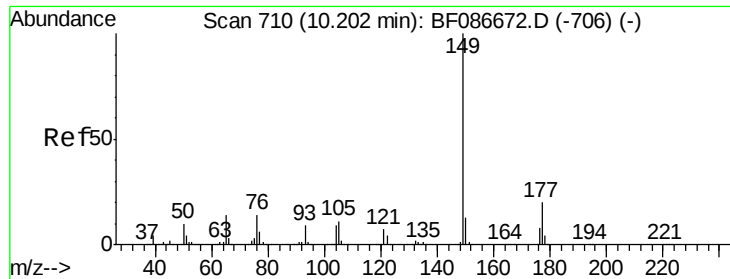
131 53.7 41.9 62.9

130 2.8 2.2 3.4

166 32.6 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





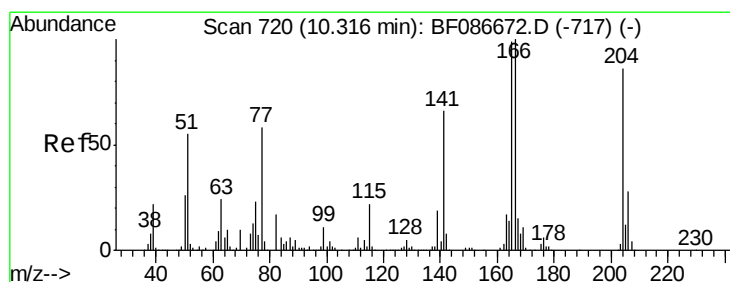
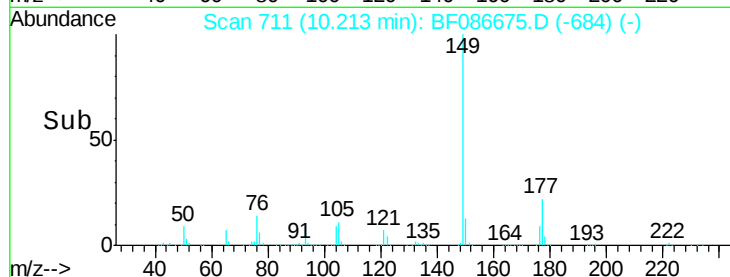
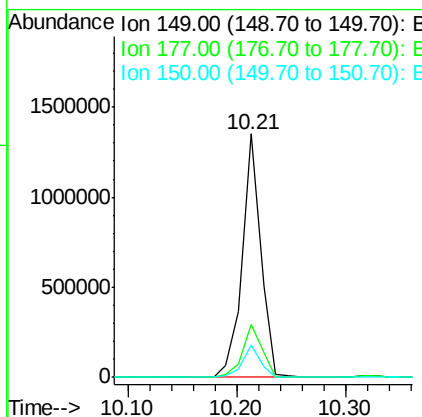
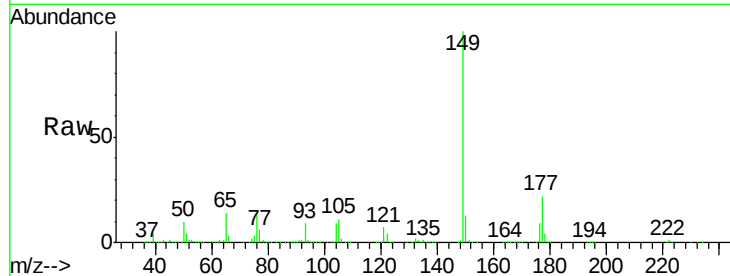
#59
Diethylphthalate
Concen: 67.53 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.6	24.8
150	13.3	10.0	15.0

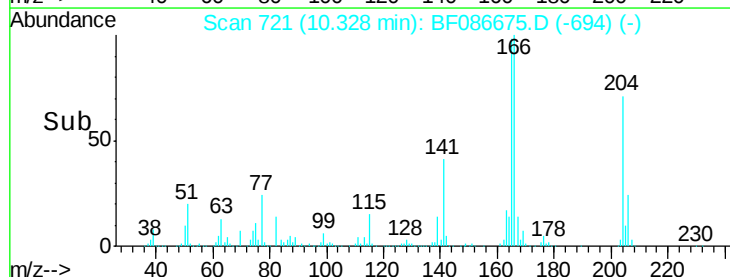
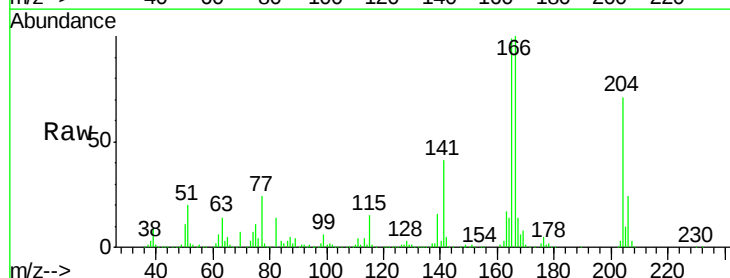
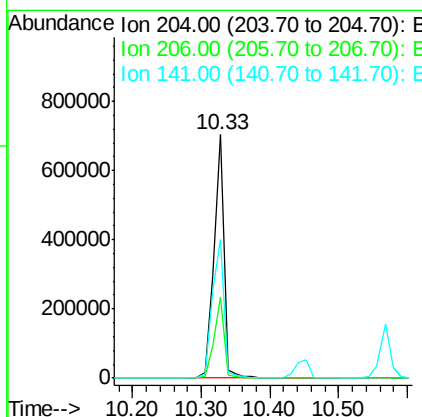
Manual Integrations
APPROVED

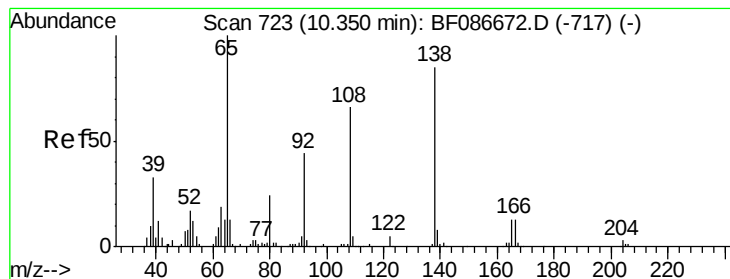
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 70.82 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.4	38.0
141	57.1	61.6	92.4#





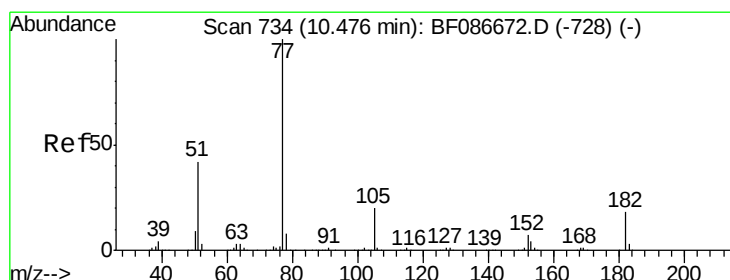
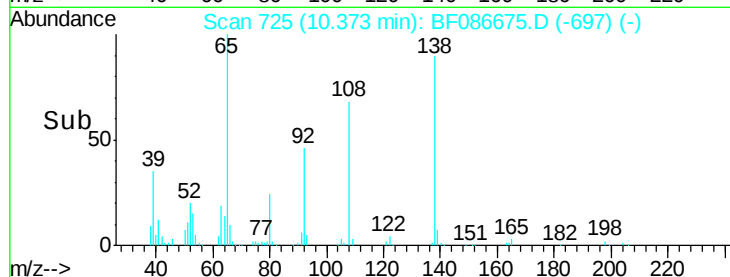
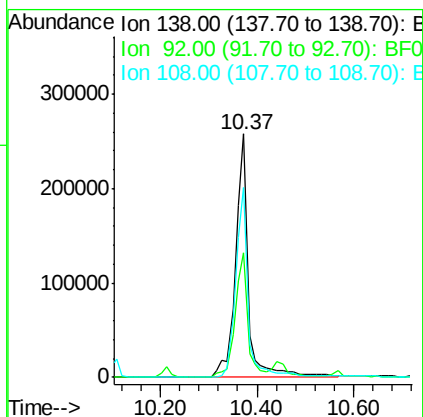
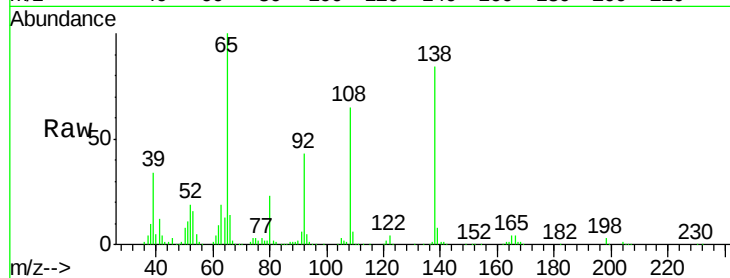
#61
4-Nitroaniline
Concen: 82.64 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	24.7	64.7
108	77.8	37.4	77.4

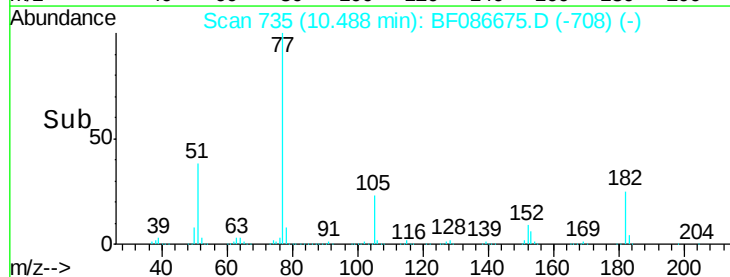
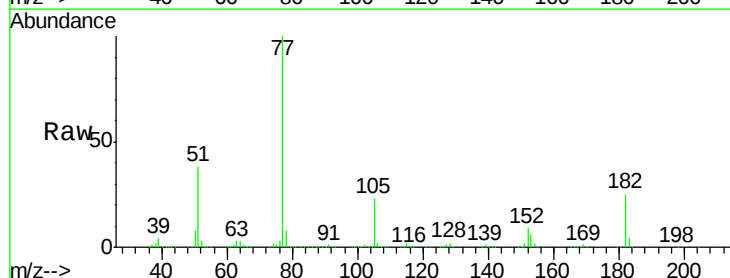
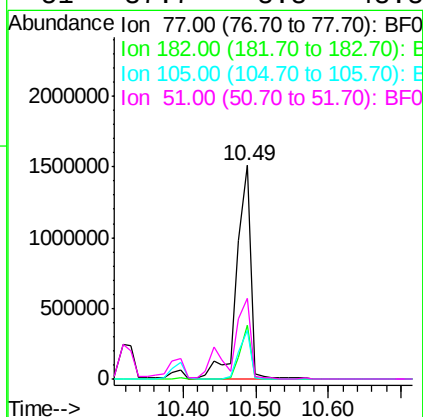
Manual Integrations
APPROVED

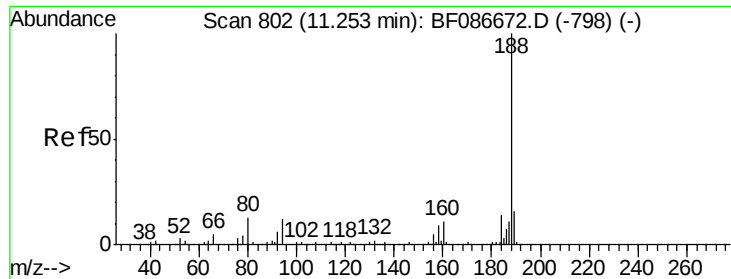
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#62
Azobenzene
Concen: 77.81 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.0	38.8
105	23.0	3.2	43.2
51	37.7	8.8	48.8





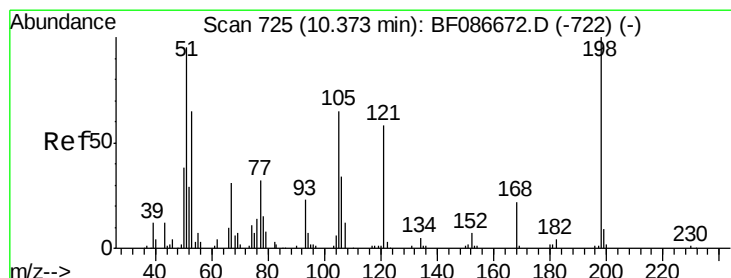
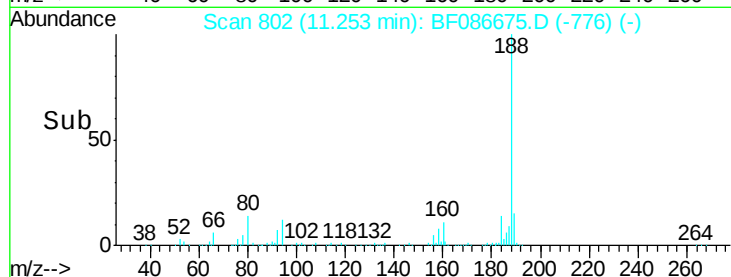
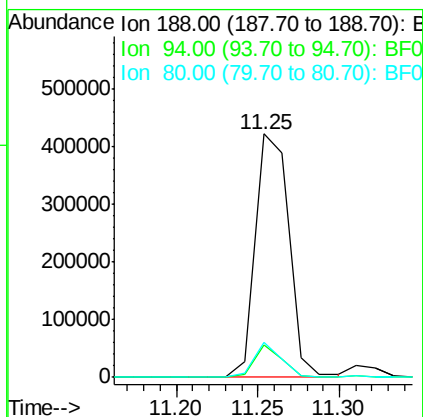
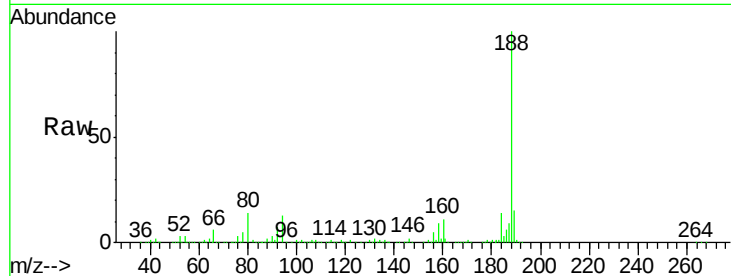
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.1	6.8	10.2#
80	14.4	7.1	10.7#

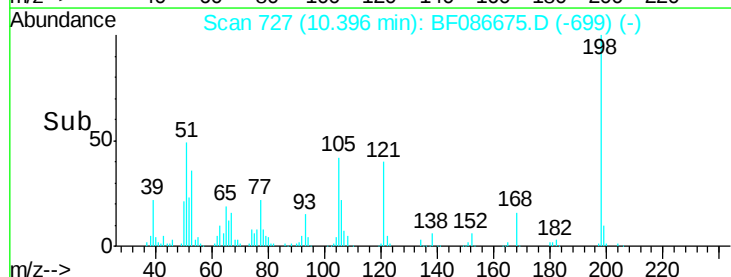
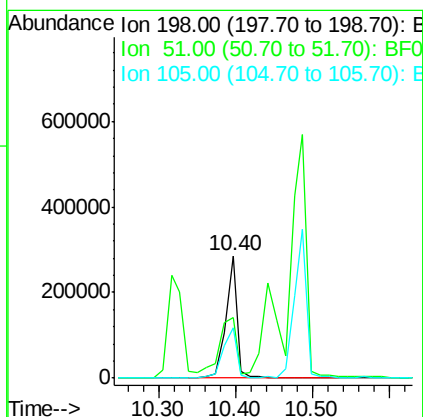
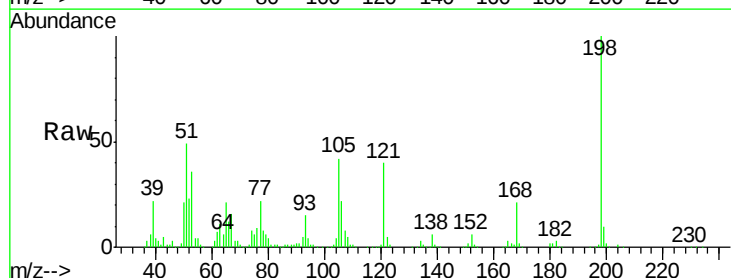
Manual Integrations
APPROVED

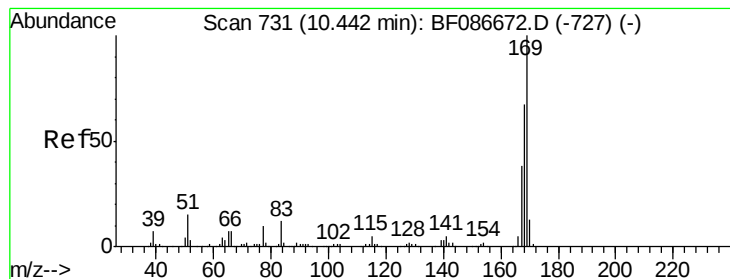
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#64
4,6-Dinitro-2-methylphenol
Concen: 84.53 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.2	20.5	60.5
105	41.5	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 75.52 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:169 Resp: 1429258

Ion Ratio Lower Upper

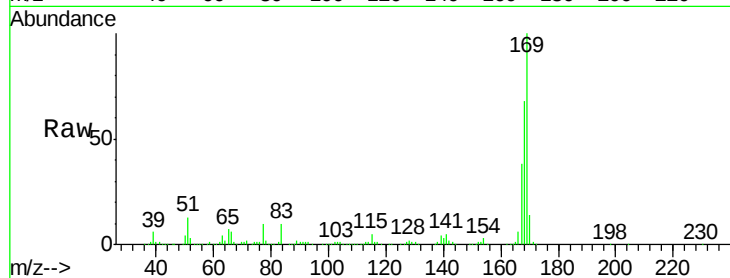
169 100

168 67.5 53.8 80.6

167 38.1 29.5 44.3

Manual Integrations
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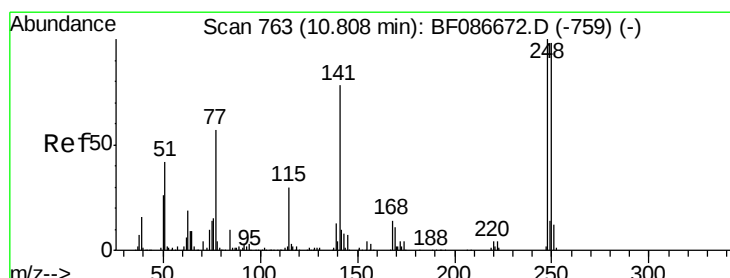
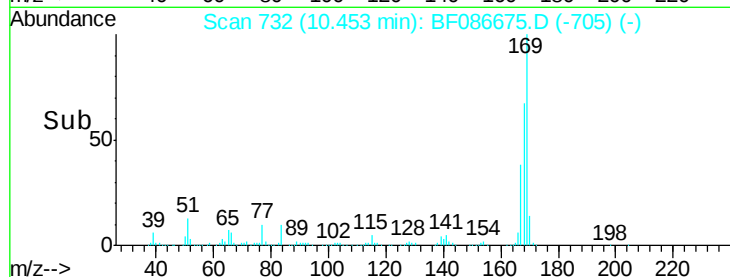
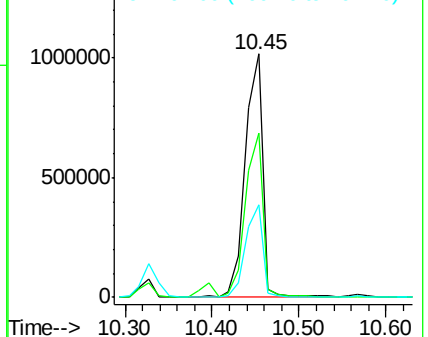
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 67.63 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

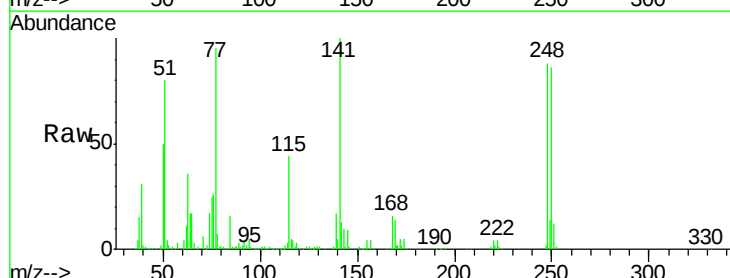
Tgt Ion:248 Resp: 422031

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

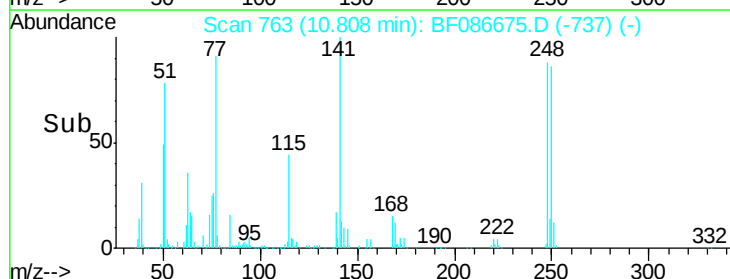
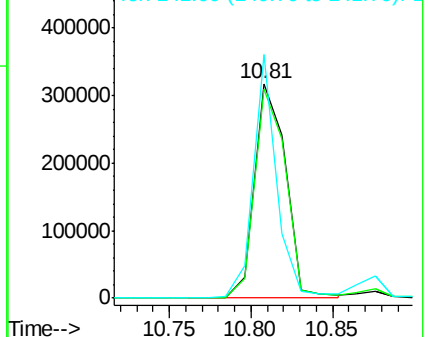
141 113.4 76.0 114.0

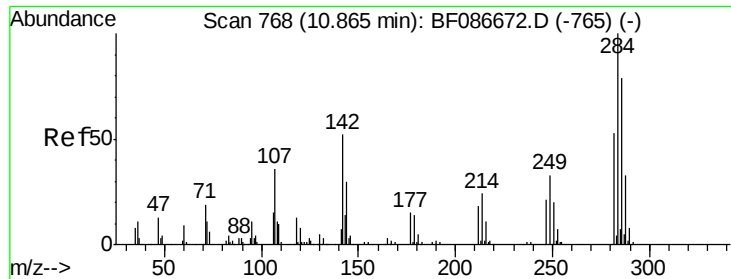


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 70.92 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

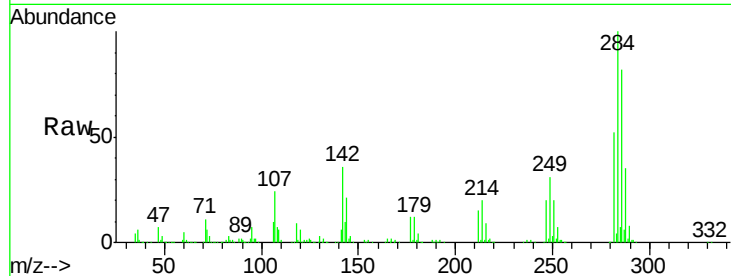
ClientSampleId :

SSTDIC080

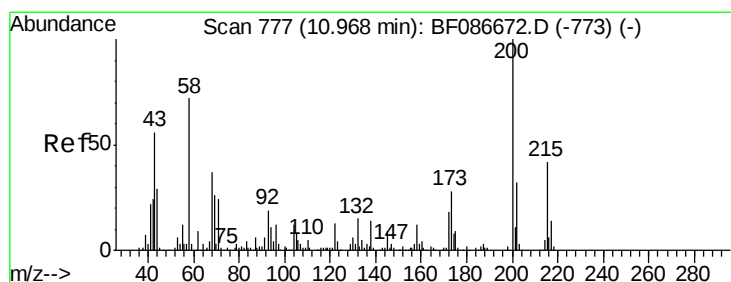
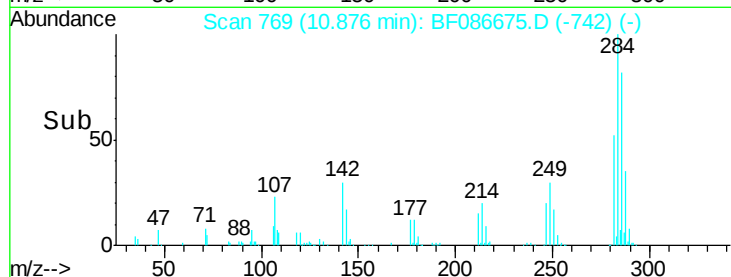
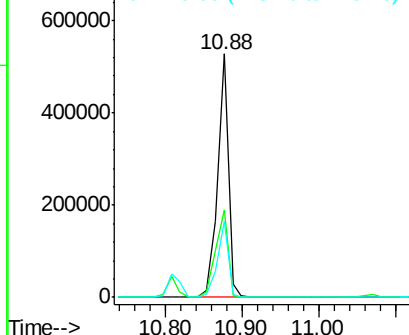
Tot Ion:	284	Resp:	512272
Ion Ratio	Lower	Upper	
284	100		
142	35.8	16.7	25.1#
249	31.1	21.3	31.9

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



#68

Atrazine

Concen: 66.22 ng

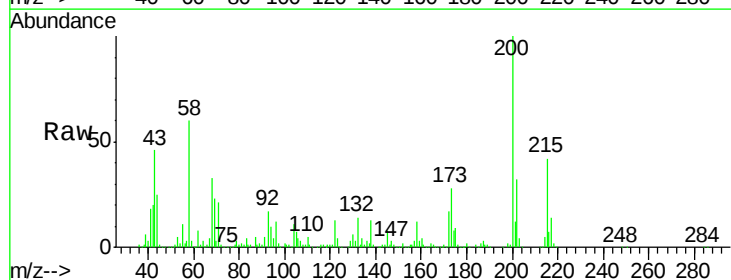
RT: 10.98 min Scan# 778

Delta R.T. 0.01 min

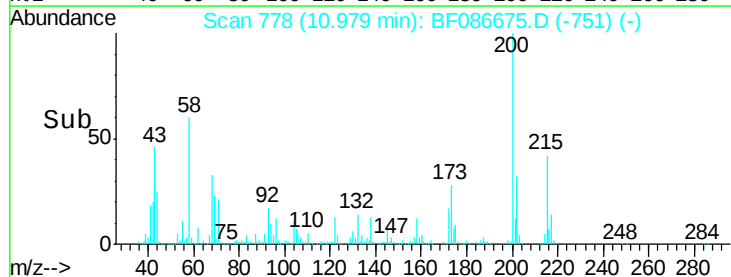
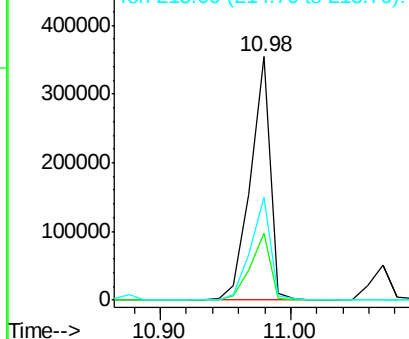
Lab File: BF086675.D

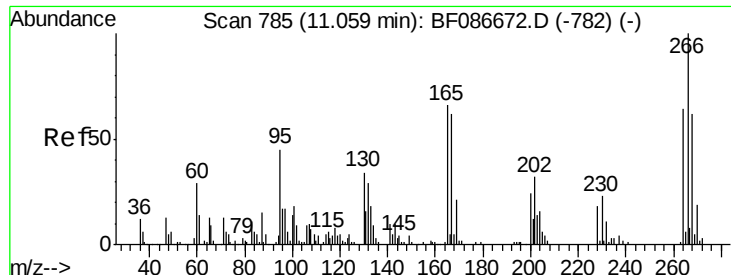
Acq: 4 May 2016 14:11

Tgt Ion:	200	Resp:	376355
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.5	48.5
215	42.4	27.2	67.2



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





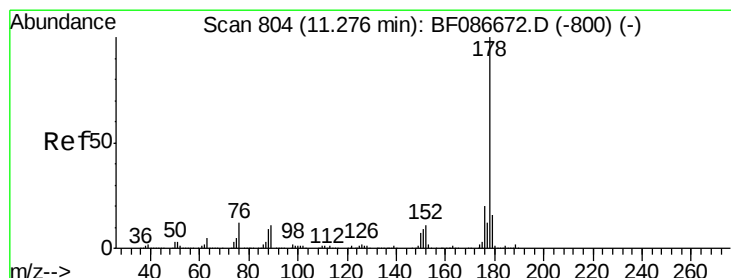
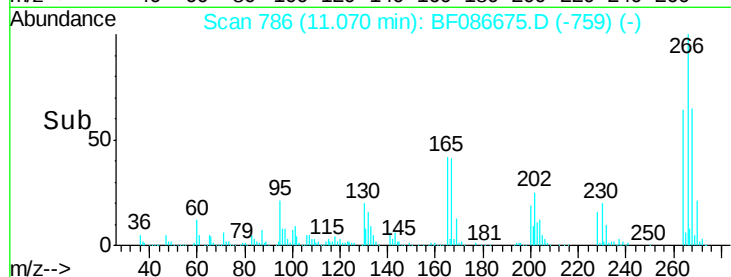
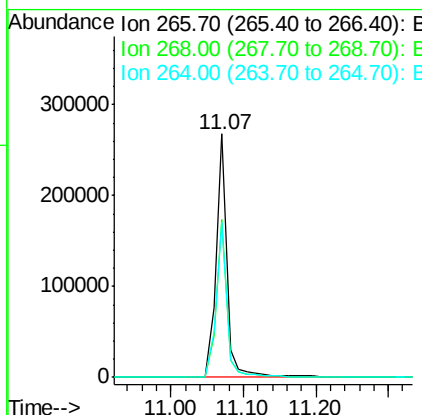
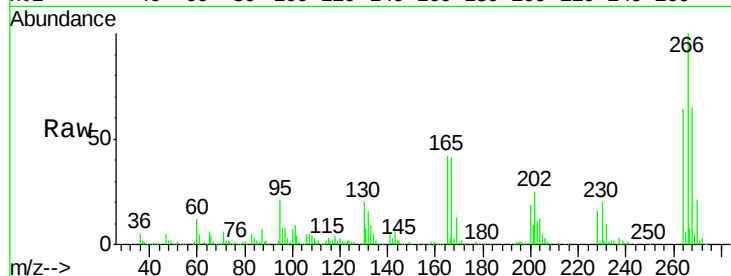
#69
 Pentachlorophenol
 Concen: 74.14 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	282349		
268	64.9		51.5	77.3
264	63.6		52.9	79.3

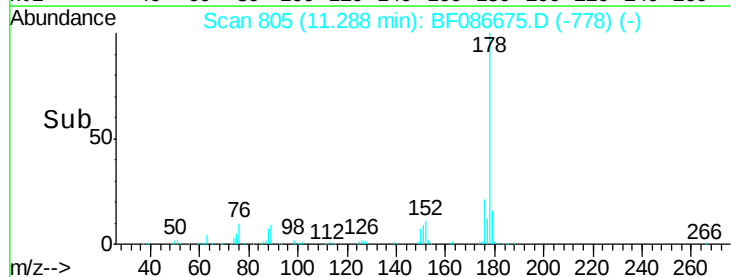
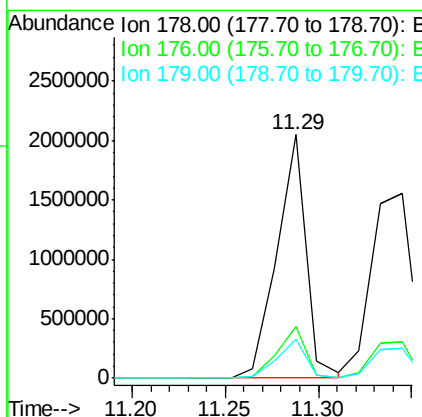
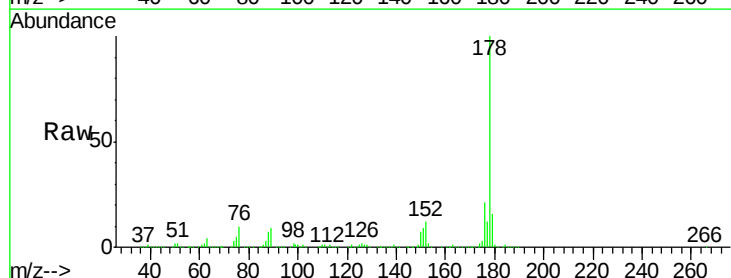
Manual Integrations
 APPROVED

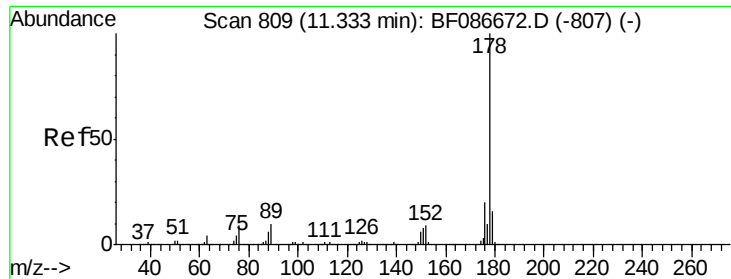
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#70
 Phenanthrene
 Concen: 69.82 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2218896		
176	21.1		16.0	24.0
179	16.2		12.6	18.8





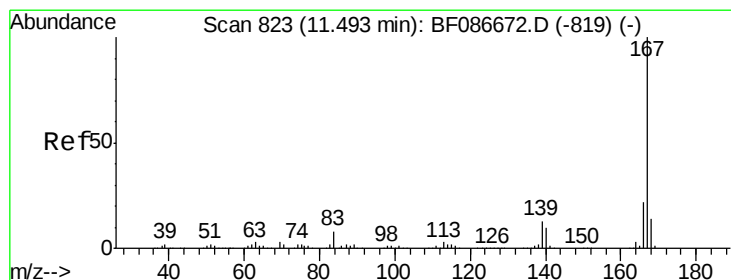
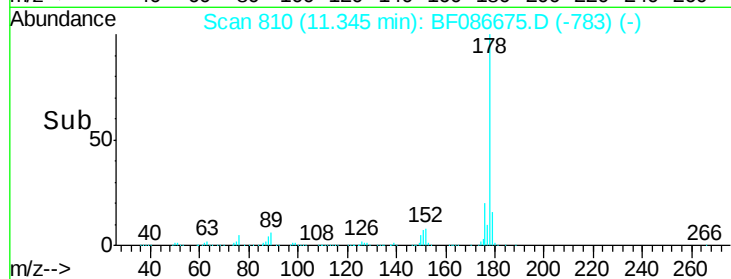
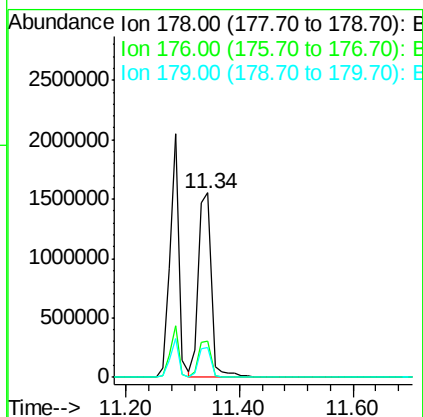
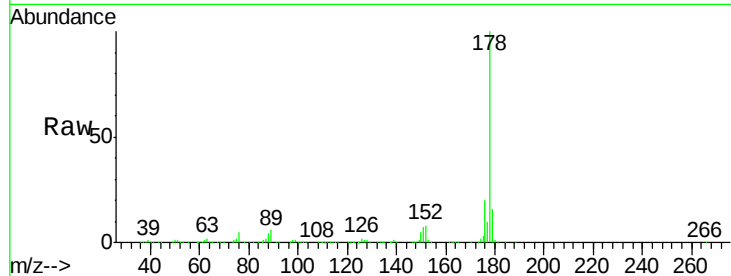
#71
 Anthracene
 Concen: 71.10 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 2411561
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.9 12.7 19.1

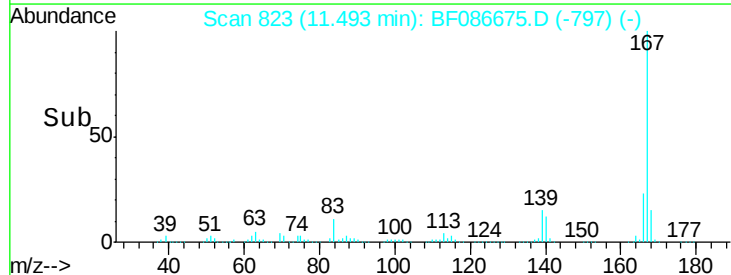
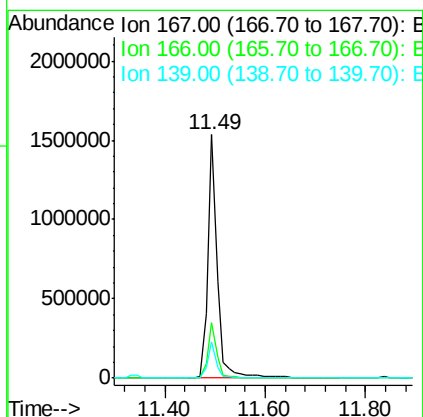
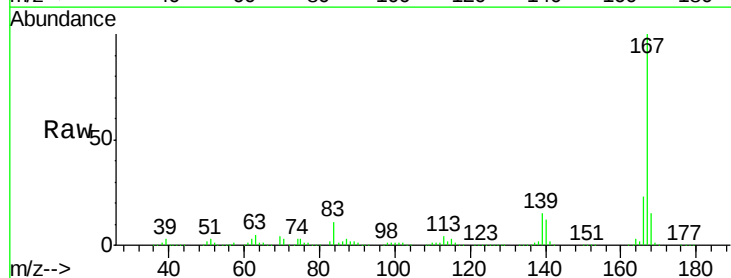
Manual Integrations
 APPROVED

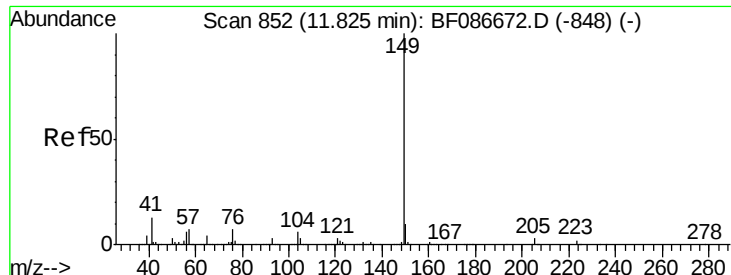
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#72
 Carbazole
 Concen: 66.94 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:167 Resp: 2012272
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 15.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 76.32 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2598983

Ion Ratio Lower Upper

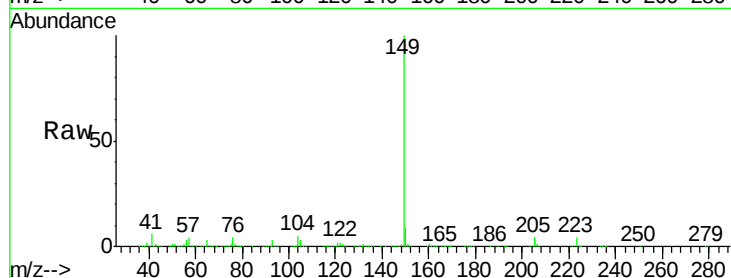
149 100

150 9.5 7.6 11.4

104 4.7 3.8 5.6

Manual Integrations
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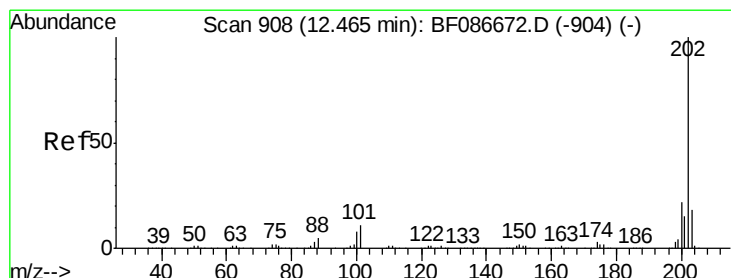
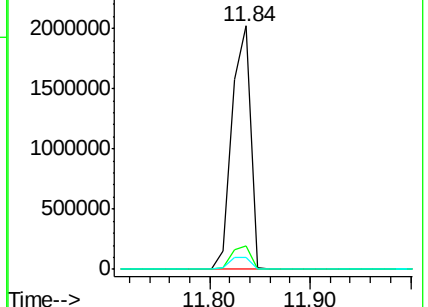
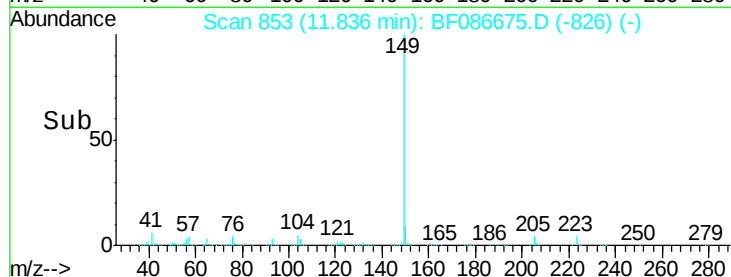
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 69.65 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

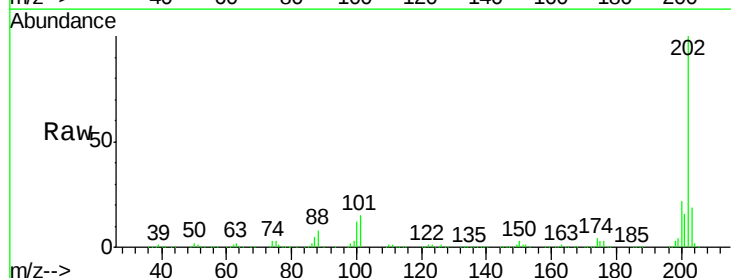
Tgt Ion:202 Resp: 2234387

Ion Ratio Lower Upper

202 100

101 15.1 0.0 35.4

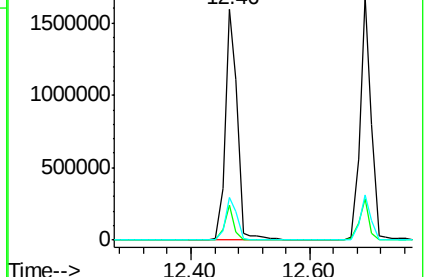
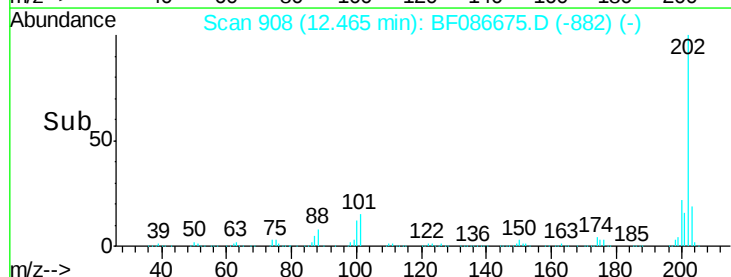
203 18.5 0.0 38.1

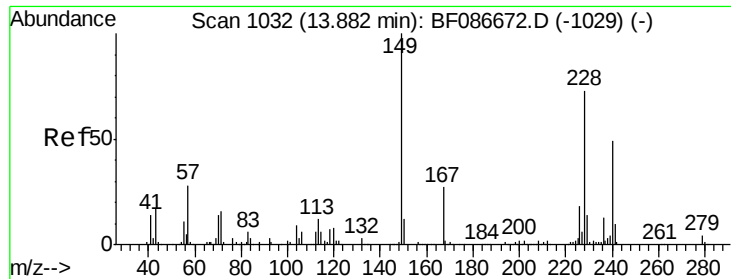


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

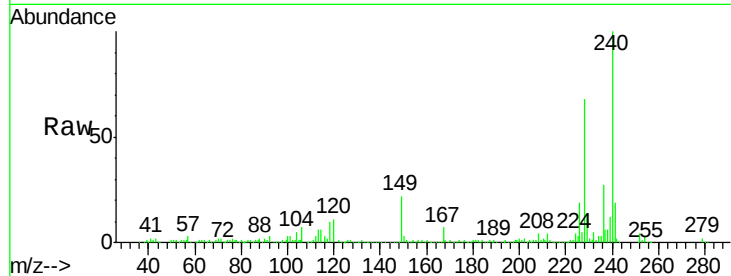
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
240	100	413531		
120	10.9	11.2	16.8#	
236	26.7	21.2	31.8	

Manual Integrations
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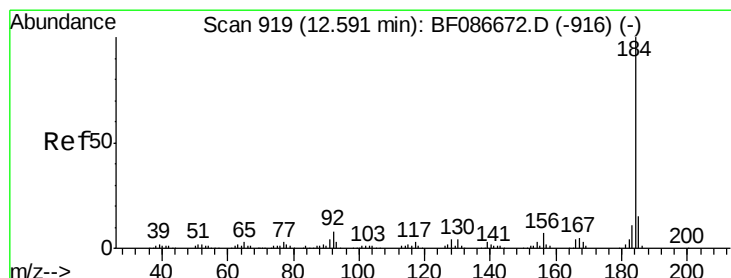
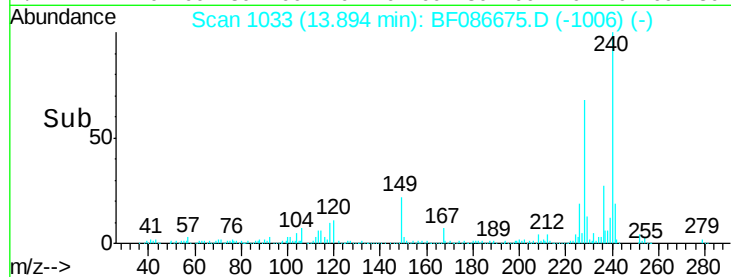
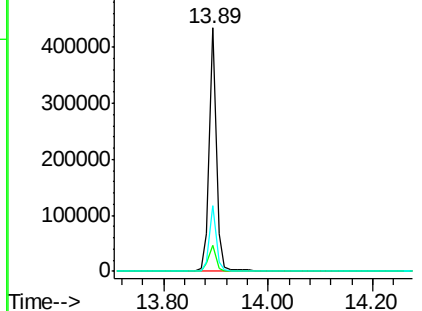
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.02 ng

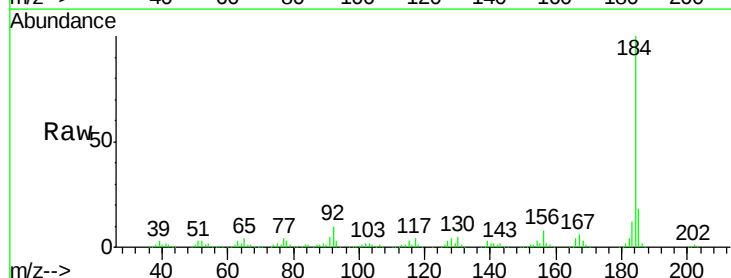
RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

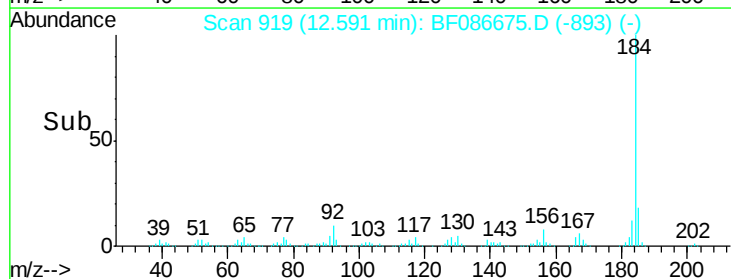
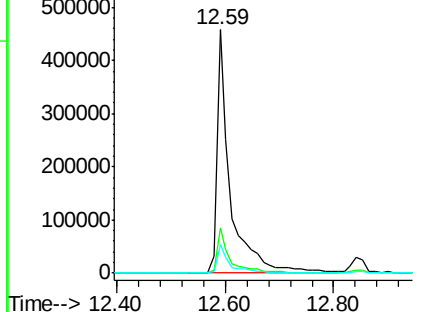
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	796077		
185	18.3	13.6	20.4	
183	11.8	9.8	14.6	

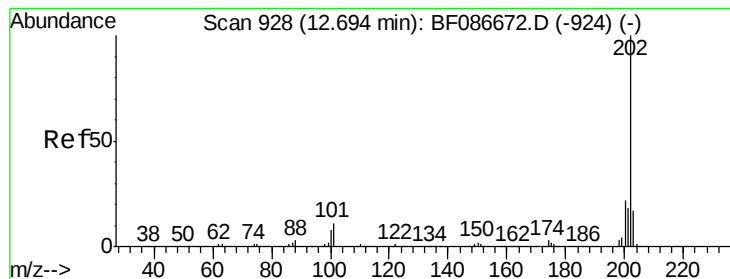


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 72.34 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:202 Resp: 2155577

Ion Ratio Lower Upper

202 100

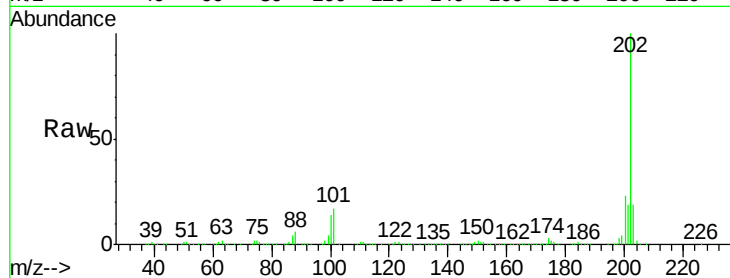
200 22.9 17.7 26.5

203 18.6 14.2 21.4

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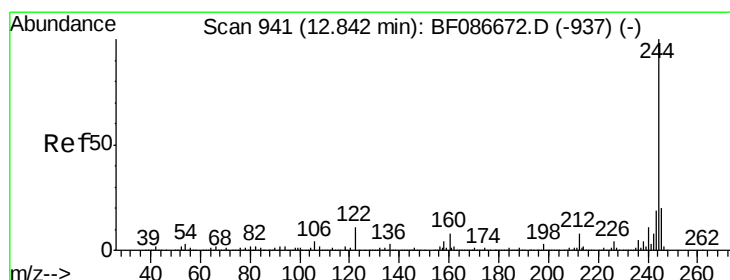
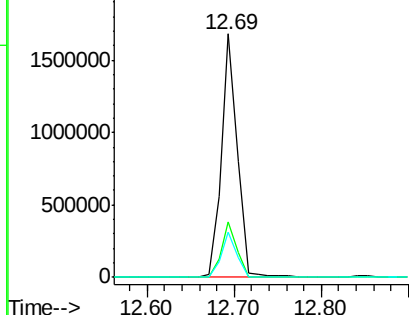
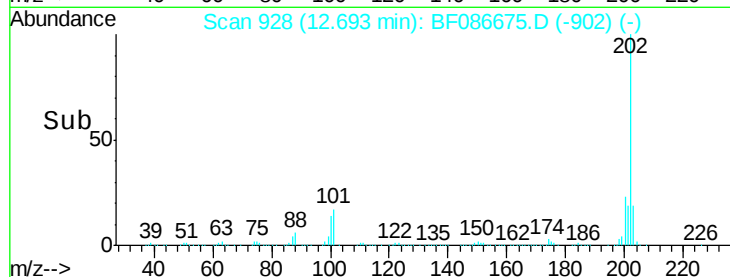
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 160.59 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

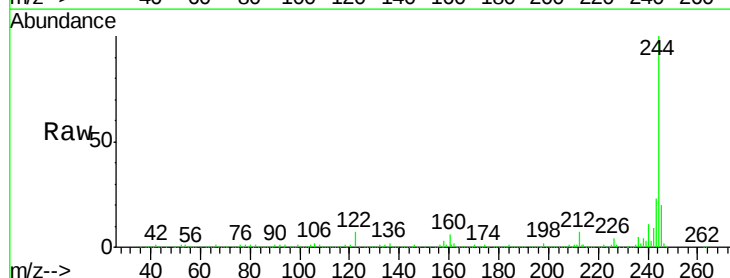
Tgt Ion:244 Resp: 3014350

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

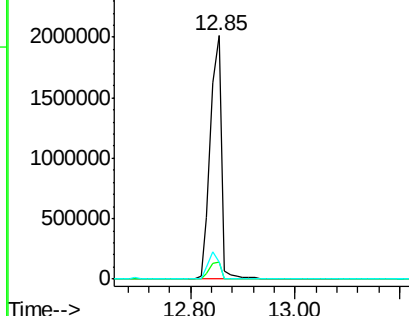
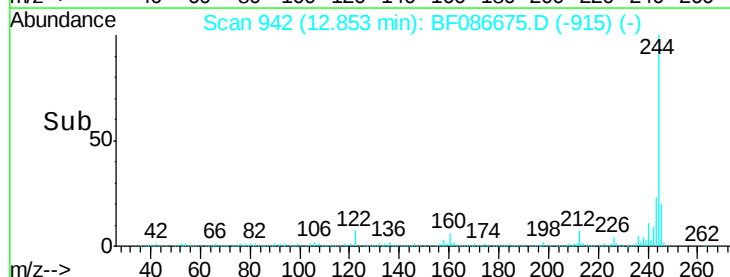
122 7.0 12.0 18.0#

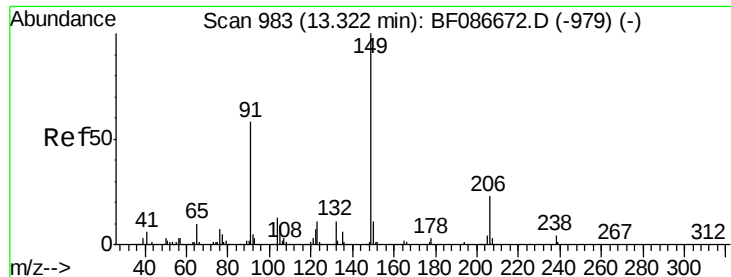


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 80.06 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1033209

Ion Ratio Lower Upper

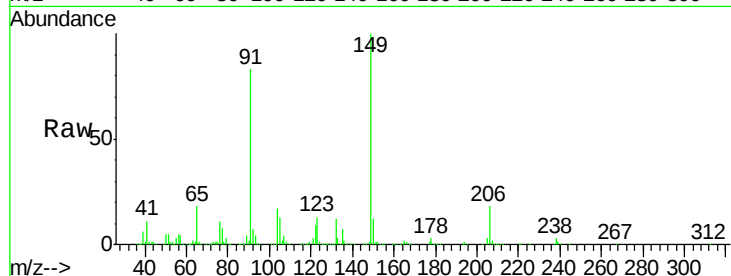
149 100

91 82.5 48.0 72.0#

206 17.8 15.8 23.6

Manual Integrations
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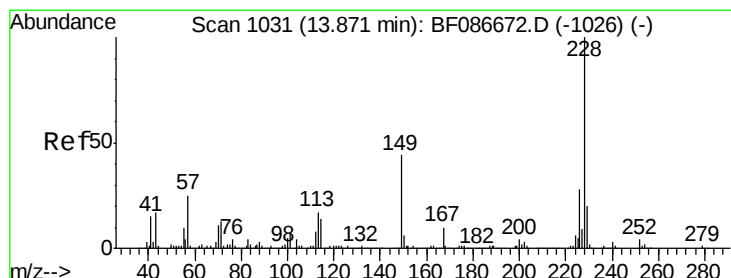
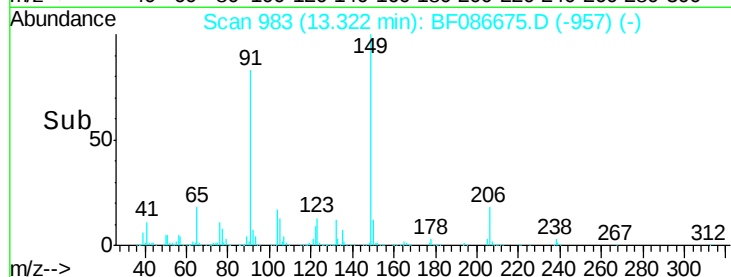
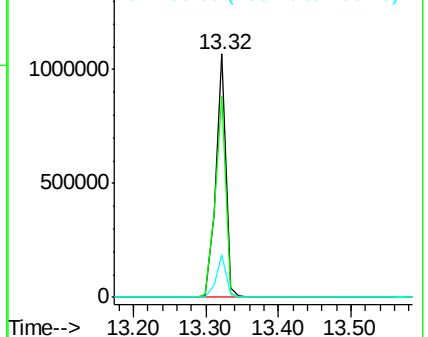
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 77.12 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion:228 Resp: 1700279

Ion Ratio Lower Upper

228 100

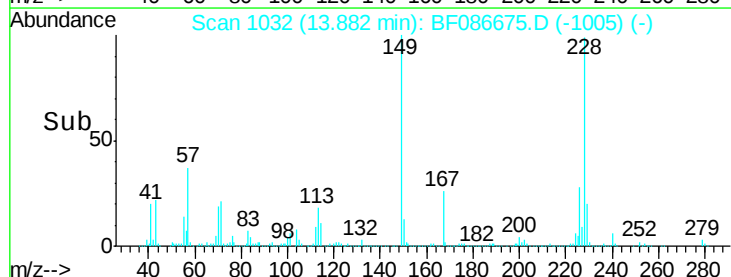
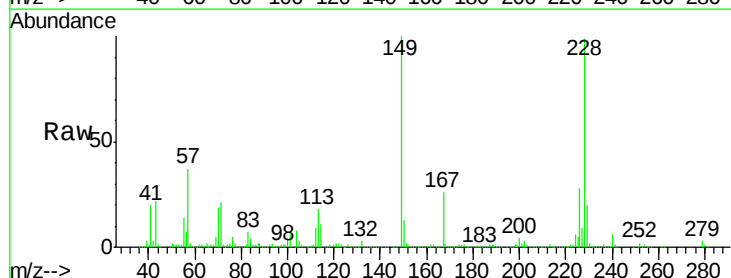
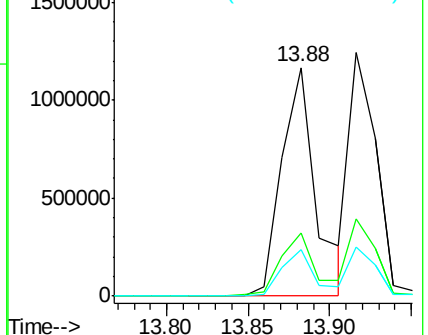
226 27.8 22.5 33.7

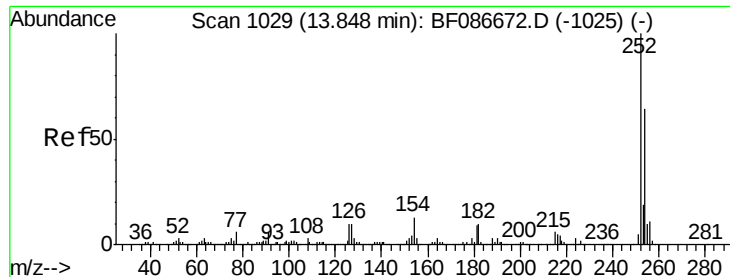
229 20.4 16.6 25.0

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





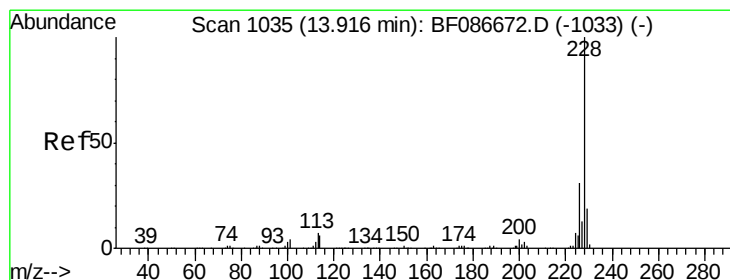
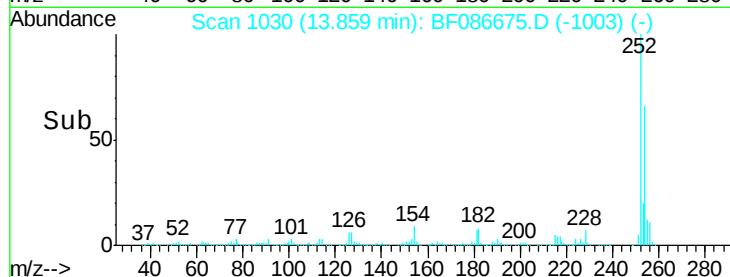
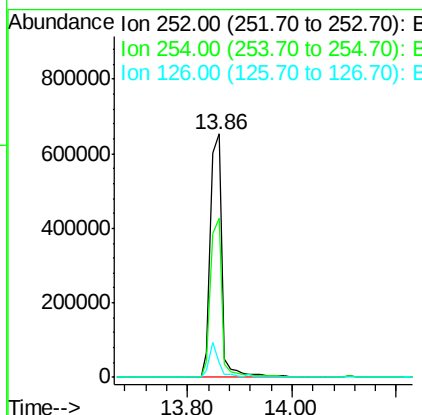
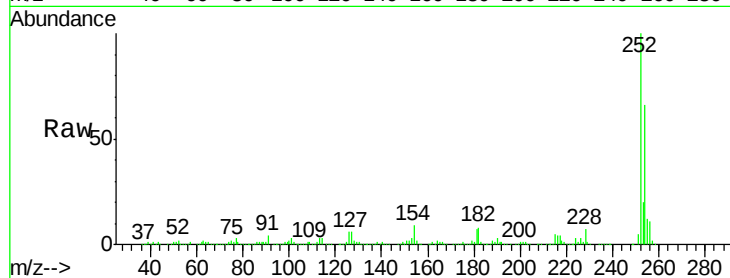
#81
 3,3'-Dichlorobenzidine
 Concen: 68.91 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.7	76.1
126	6.0	12.7	19.1

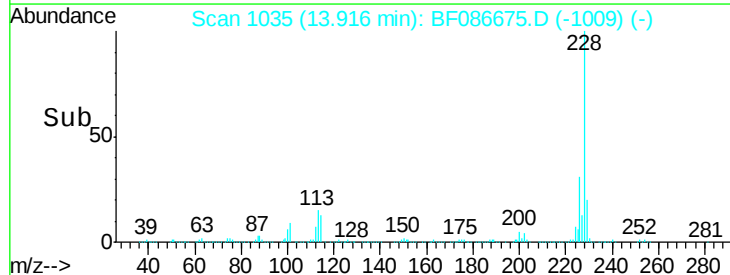
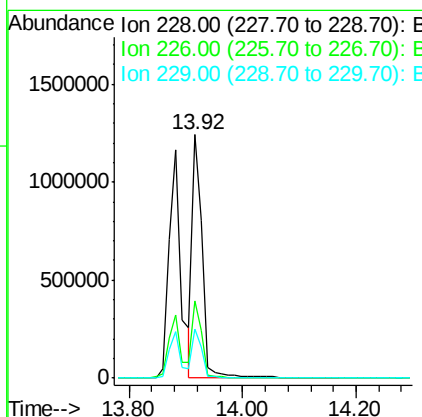
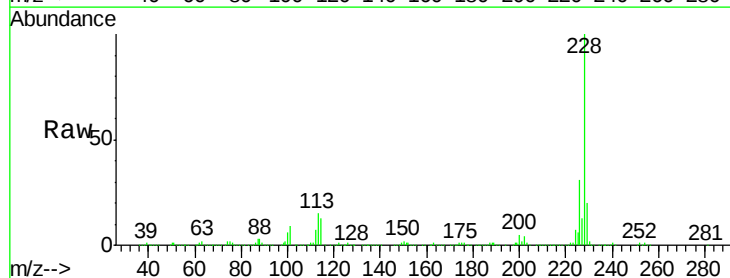
Manual Integrations
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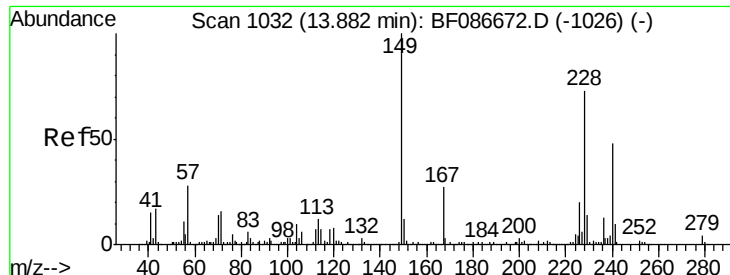
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#82
 Chrysene
 Concen: 63.68 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.1	15.8	23.8





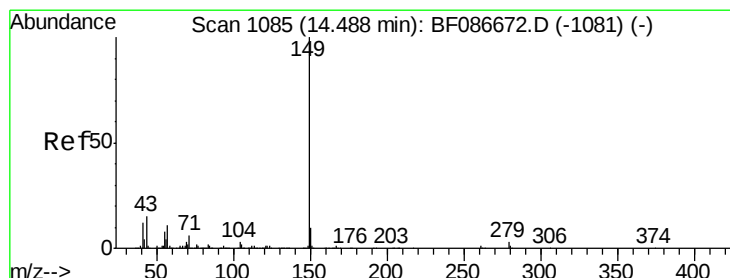
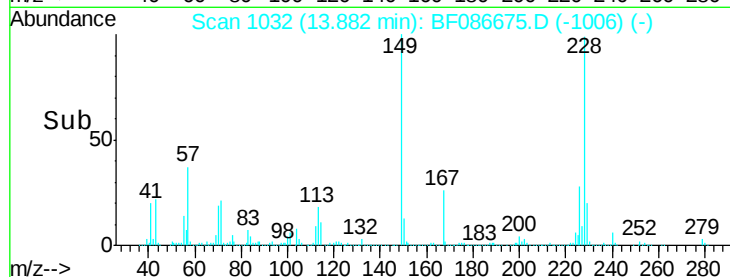
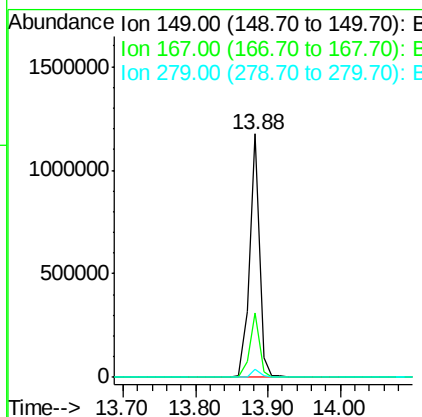
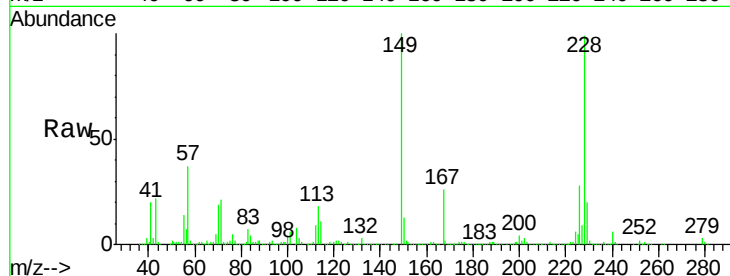
#83
Bis(2-ethylhexyl)phthalate
Concen: 69.30 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1110082
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.6
279 3.4 2.6 4.0

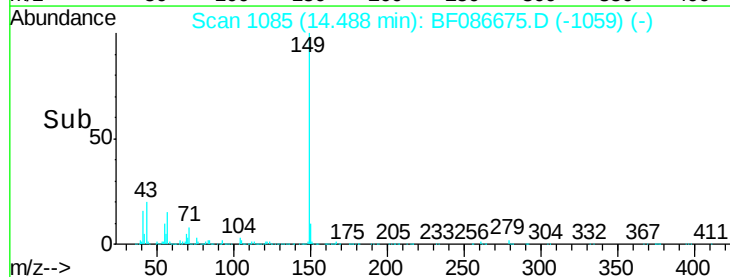
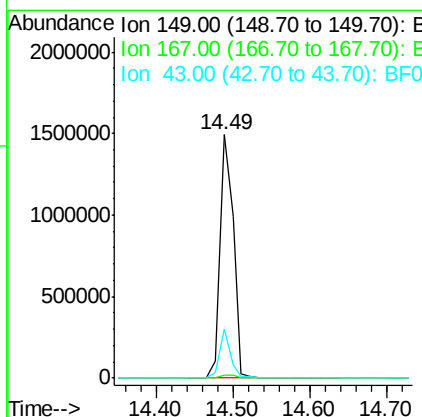
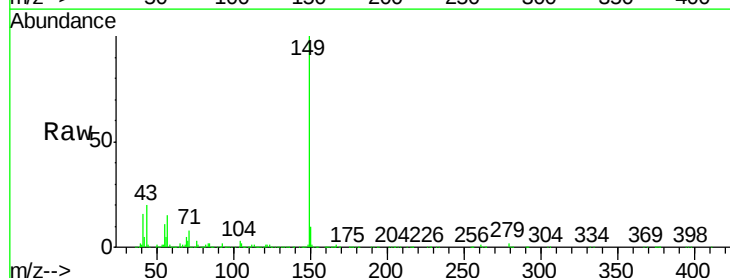
Manual Integrations
APPROVED

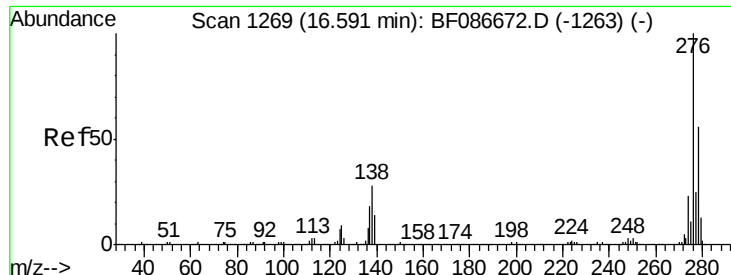
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#84
Di-n-octyl phthalate
Concen: 72.10 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:149 Resp: 1808816
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 16.4 8.2 12.4#





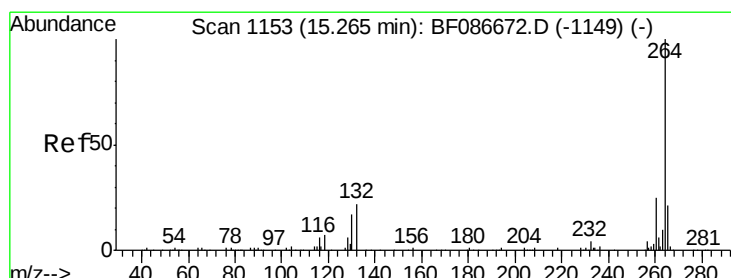
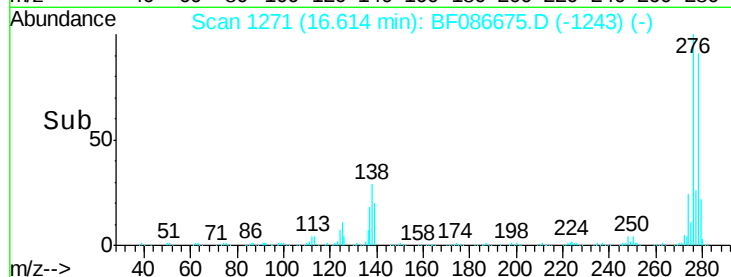
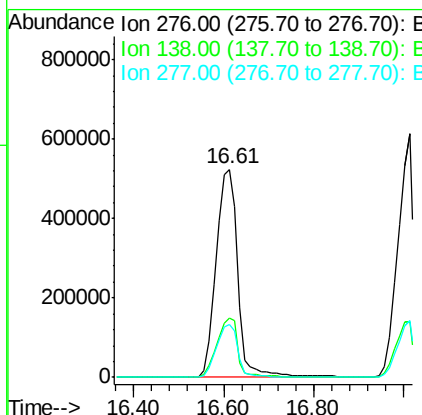
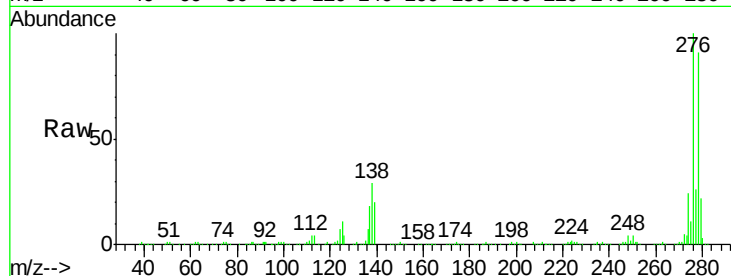
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 99.01 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. 0.02 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	25.6	20.5	30.7

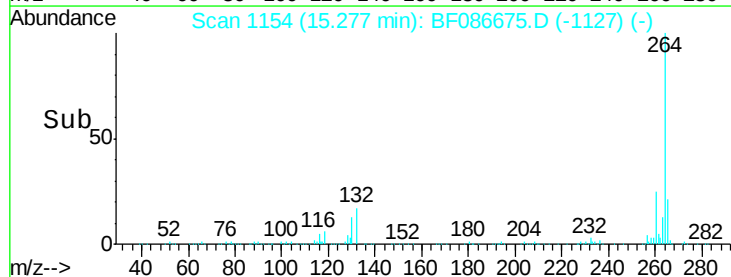
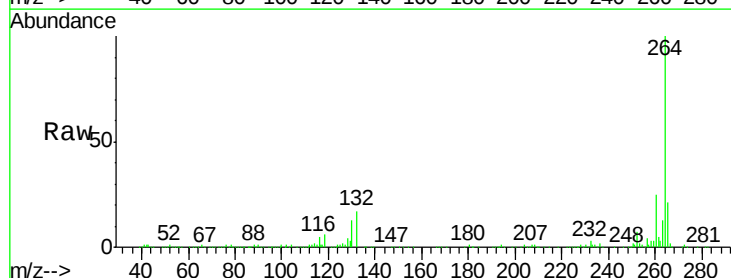
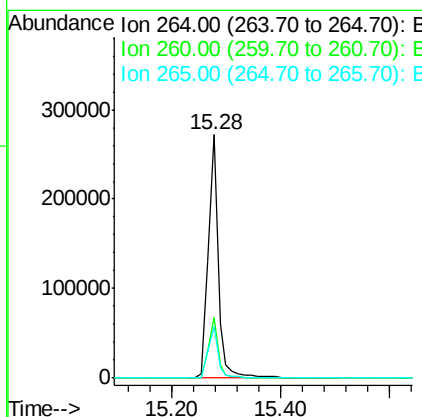
Manual Integrations
 APPROVED

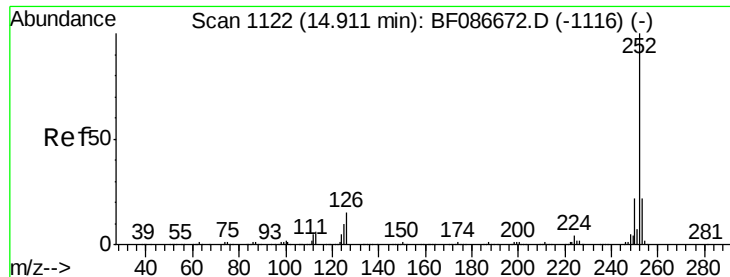
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 91.51 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 1909548

Ion Ratio Lower Upper

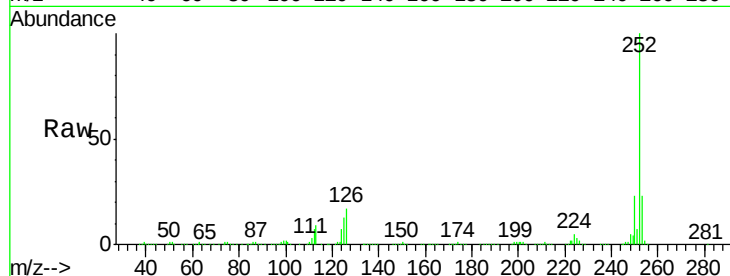
252 100

253 22.6 17.8 26.6

125 12.9 11.4 17.0

Manual Integrations
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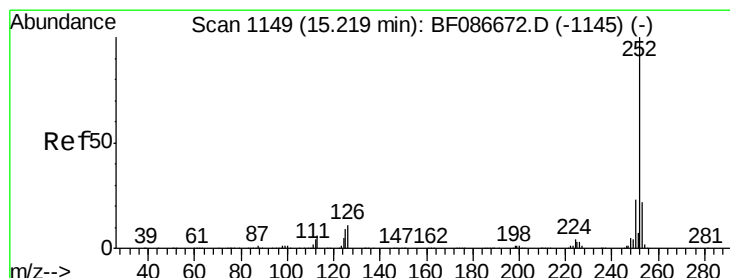
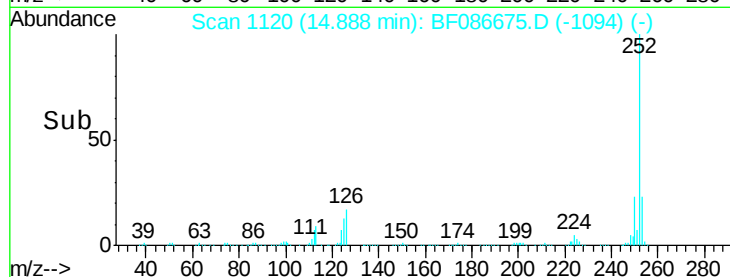
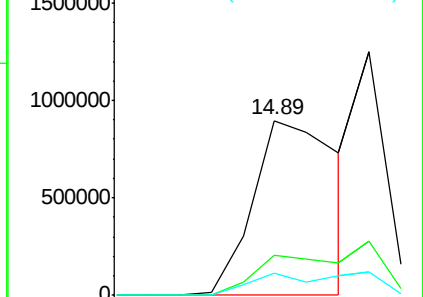
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 75.07 ng

RT: 15.23 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

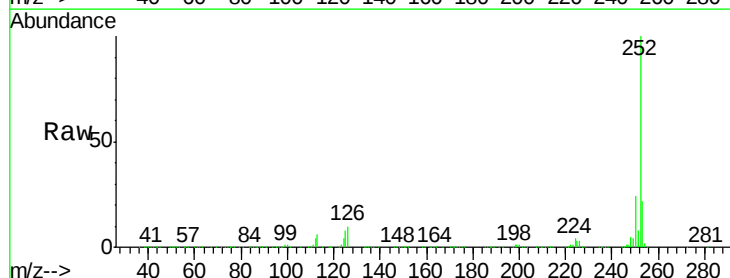
Tgt Ion:252 Resp: 1479109

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

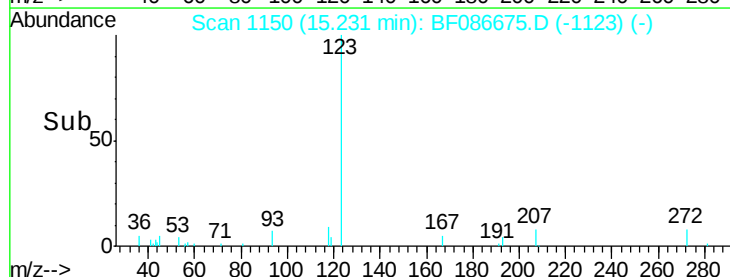
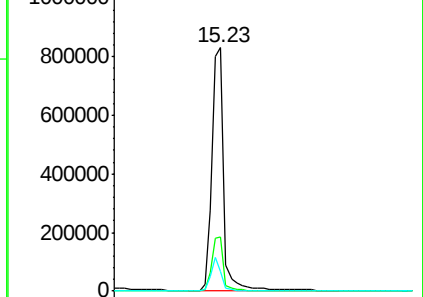
125 7.9 9.0 13.6#

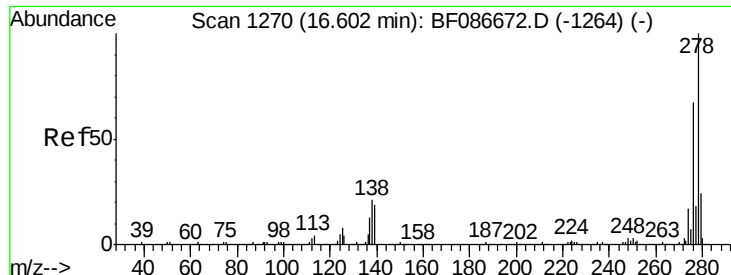


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
Dibenzo(a,h)anthracene
Concen: 87.48 ng
RT: 16.63 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

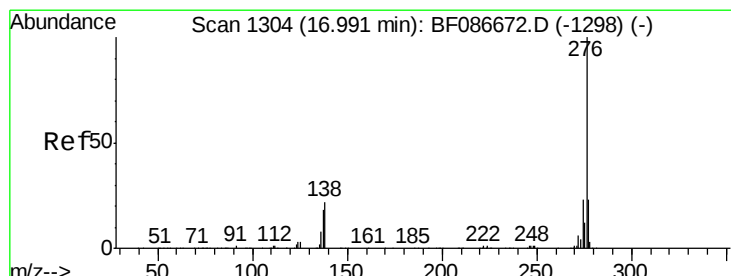
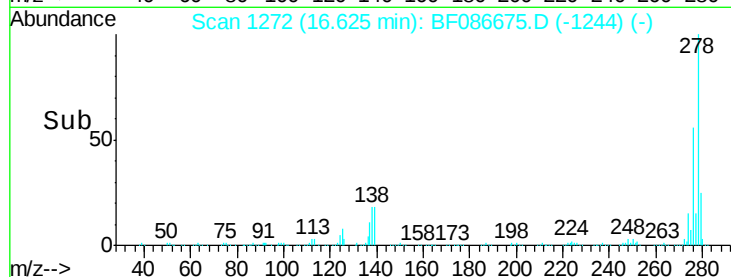
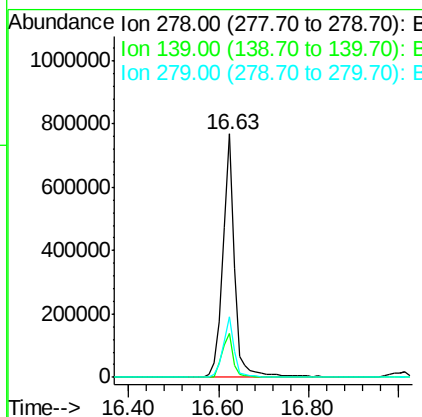
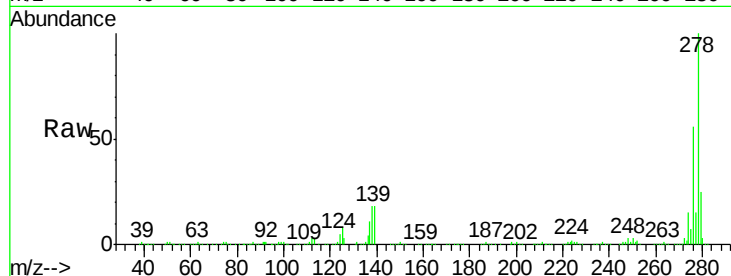
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 1410467

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.6	24.8
279	24.8	19.6	29.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 93.37 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:276 Resp: 1508574

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.5	23.6	35.4#

