

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086674.D
 Acq On : 4 May 2016 13:42
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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 5/5/2016 3:18:45 PM

Quant Time: May 04 14:09:39 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	177150	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	749014	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	347120	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605565	20.00	ng	0.00
75) Chrysene-d12	13.89	240	388719	20.00	ng	0.01
86) Perylene-d12	15.28	264	330356	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1195874	116.44	ng	0.00
7) Phenol-d6	6.38	99	1676413	116.95	ng	0.01
23) Nitrobenzene-d5	7.31	82	1743271	125.45	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	378927	103.51	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2285316	111.42	ng	0.00
78) Terphenyl-d14	12.84	244	2048360	116.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	325130	60.26	ng	# 75
3) Pyridine	2.93	79	830609	65.05	ng	# 70
4) n-Nitrosodimethylamine	2.90	42	534254	73.41	ng	# 56
6) Aniline	6.41	93	1048064	60.42	ng	# 76
8) 2-Chlorophenol	6.52	128	703885	55.03	ng	# 84
9) Benzaldehyde	6.28	77	372553	44.67	ng	# 99
10) Phenol	6.40	94	859887	53.77	ng	# 33
11) bis(2-Chloroethyl)ether	6.49	93	818085	59.17	ng	# 91
12) 1,3-Dichlorobenzene	6.68	146	800202	58.16	ng	# 97
13) 1,4-Dichlorobenzene	6.76	146	810165	57.07	ng	# 99
14) 1,2-Dichlorobenzene	6.91	146	674137	51.78	ng	# 96
15) Benzyl Alcohol	6.89	79	557932	61.53	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1526595	55.17	ng	# 91
17) 2-Methylphenol	7.01	107	617941	59.77	ng	# 90
18) Hexachloroethane	7.25	117	311965	58.81	ng	# 92
19) n-Nitroso-di-n-propylamine	7.17	70	517276	54.59	ng	# 71
20) 3+4-Methylphenols	7.17	107	737902	62.51	ng	# 64
22) Acetophenone	7.16	105	956795	58.26	ng	# 90
24) Nitrobenzene	7.33	77	858716	60.07	ng	# 99
25) Isophorone	7.57	82	1571533	58.76	ng	# 99
26) 2-Nitrophenol	7.64	139	396516	60.25	ng	# 68
27) 2,4-Dimethylphenol	7.70	122	720673	62.41	ng	# 94
28) bis(2-Chloroethoxy)methane	7.79	93	900046	61.78	ng	# 99
29) 2,4-Dichlorophenol	7.89	162	603664	61.96	ng	# 98
30) 1,2,4-Trichlorobenzene	7.97	180	650255	57.53	ng	# 98
31) Naphthalene	8.05	128	2133186	55.97	ng	# 98
32) Benzoic acid	7.84	122	297056	49.61	ng	# 87
33) 4-Chloroaniline	8.11	127	845034	59.21	ng	# 98
34) Hexachlorobutadiene	8.17	225	343206	54.17	ng	# 99
35) Caprolactam	8.50	113	179839	55.33	ng	# 56
36) 4-Chloro-3-methylphenol	8.60	107	696585	62.44	ng	# 97
37) 2-Methylnaphthalene	8.74	142	1171324	52.08	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	593826	59.76	ng	# 98
40) Hexachlorocyclopentadiene	8.90	237	281052	56.92	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	421615	67.13	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	392287	57.30	nq	96
45) 1,1'-Biphenyl	9.21	154	1520769	52.41	nq	95
46) 2-Chloronaphthalene	9.23	162	1212280	54.95	nq	94
47) 2-Nitroaniline	9.33	65	505211	71.41	nq	92
48) Acenaphthylene	9.64	152	1767465	51.26	nq	99
49) Dimethylphthalate	9.52	163	1414090	54.11	nq	99
50) 2,6-Dinitrotoluene	9.57	165	300601	55.68	nq	# 76
51) Acenaphthene	9.81	154	1152858	52.05	nq	99
52) 3-Nitroaniline	9.74	138	361107	58.81	nq	84
53) 2,4-Dinitrophenol	9.85	184	120473	49.89	nq	# 82
54) Dibenzofuran	9.98	168	1389588	50.20	nq	94
55) 4-Nitrophenol	9.92	139	257972	64.17	nq	87
56) 2,4-Dinitrotoluene	9.98	165	401234	58.30	nq	# 81
57) Fluorene	10.33	166	1151964	47.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	307530	57.46	nq	99
59) Diethylphthalate	10.21	149	1393280	56.32	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	565213	51.80	nq	# 76
61) 4-Nitroaniline	10.36	138	369749	61.61	nq	# 77
62) Azobenzene	10.48	77	1524688	56.27	nq	84
64) 4,6-Dinitro-2-methylphenol	10.38	198	190609	53.62	nq	# 52
65) n-Nitrosodiphenylamine	10.44	169	1033026	54.58	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	332278	53.25	nq	94
67) Hexachlorobenzene	10.88	284	446529	61.82	nq	# 92
68) Atrazine	10.98	200	358488	63.08	nq	95
69) Pentachlorophenol	11.07	266	217146	57.02	nq	98
70) Phenanthrene	11.29	178	1895695	59.65	nq	99
71) Anthracene	11.33	178	1818909	53.63	nq	99
72) Carbazole	11.49	167	1657912	55.16	nq	98
73) Di-n-butylphthalate	11.82	149	1967338	57.77	nq	# 98
74) Fluoranthene	12.46	202	1701404	53.04	nq	98
76) Benzidine	12.59	184	653729	48.94	nq	99
77) Pyrene	12.69	202	1726679	61.65	nq	98
79) Butylbenzylphthalate	13.32	149	873417	72.00	nq	# 86
80) Benzo(a)anthracene	13.88	228	1240833	59.87	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	733403	52.94	nq	97
82) Chrysene	13.92	228	1327292	58.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	902548	59.94	nq	98
84) Di-n-octyl phthalate	14.49	149	1385315	58.75	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.60	276	1321290	79.16	nq	97
87) Benzo(b)fluoranthene	14.89	252	1056519m	54.36	nq	
88) Benzo(k)fluoranthene	14.91	252	1128016m	55.65	nq	
89) Benzo(a)pyrene	15.22	252	1049356	57.19	nq	97
90) Dibenzo(a,h)anthracene	16.61	278	1084665	72.24	nq	99
91) Benzo(g,h,i)perylene	17.00	276	1139131	75.70	nq	# 92

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

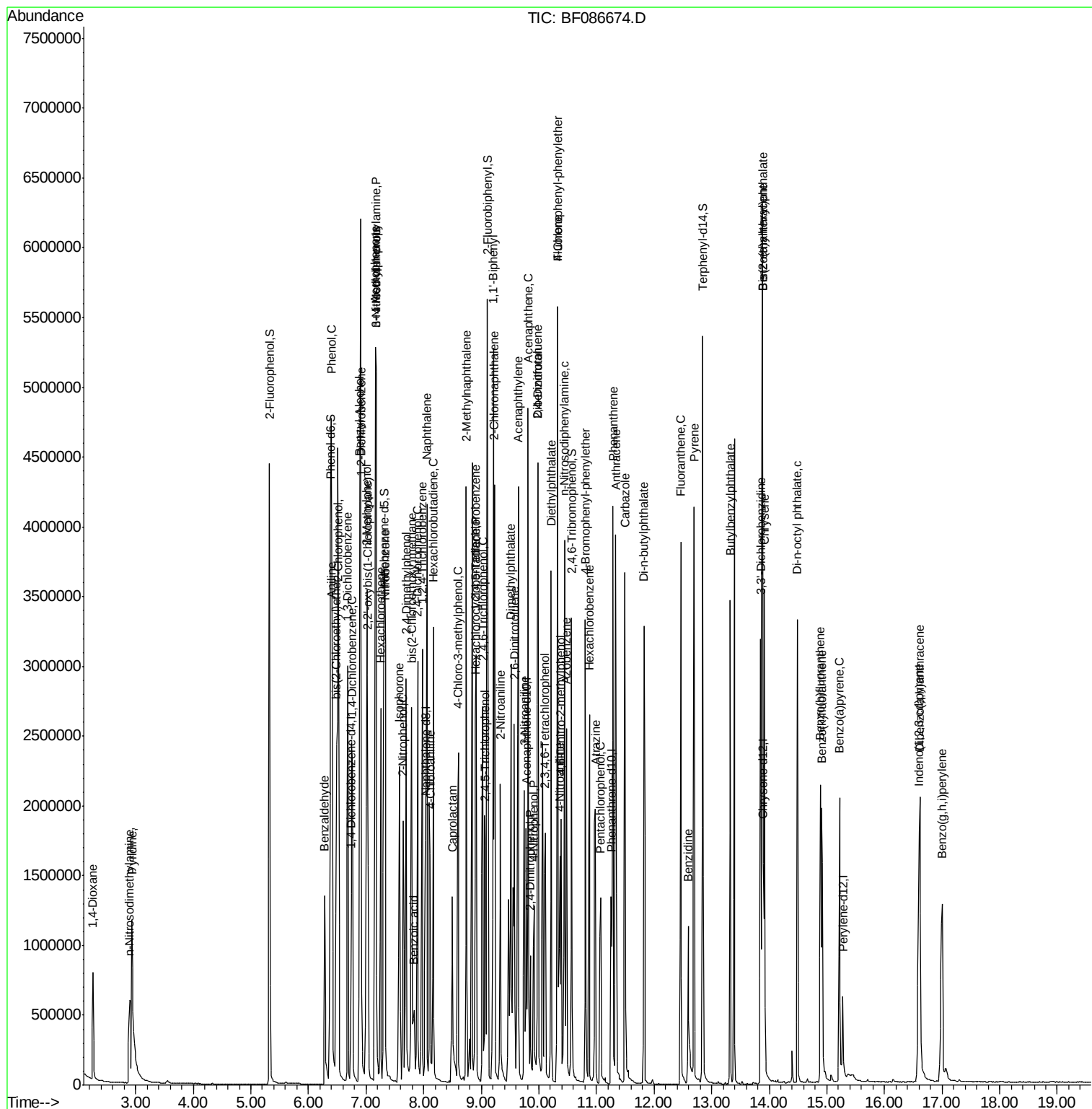
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Acq On    : 4 May 2016 13:42  
Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
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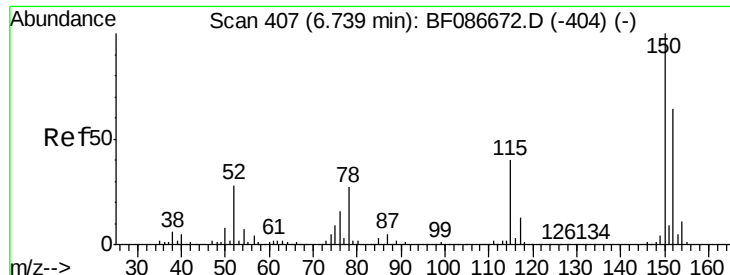
Instrument :
BNA_F
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#1

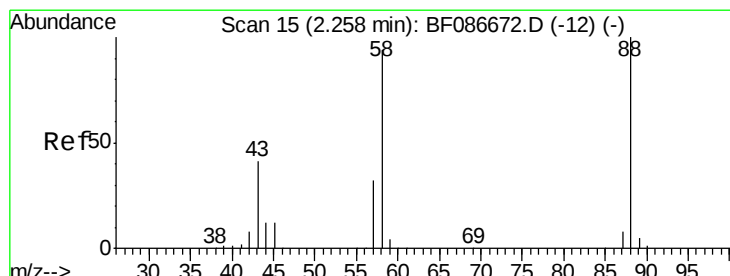
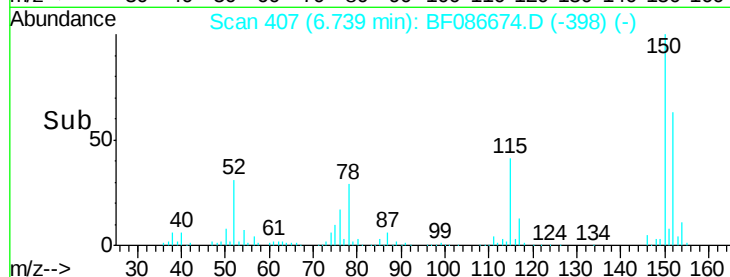
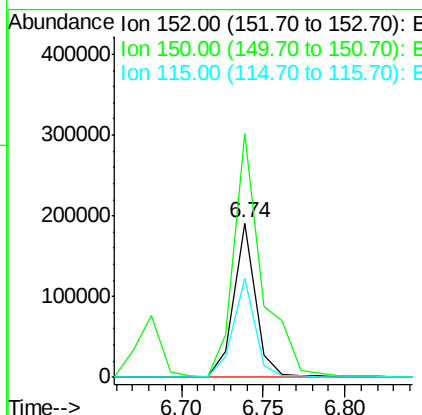
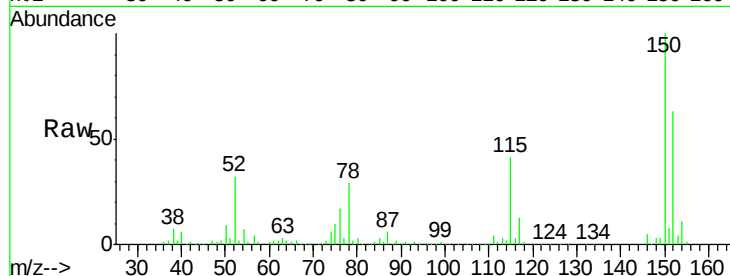
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.8	188.6
115	64.2	51.5	77.3

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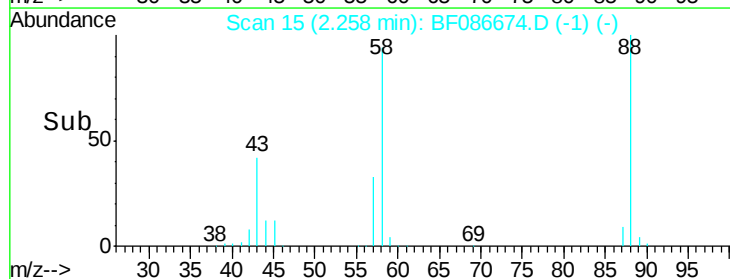
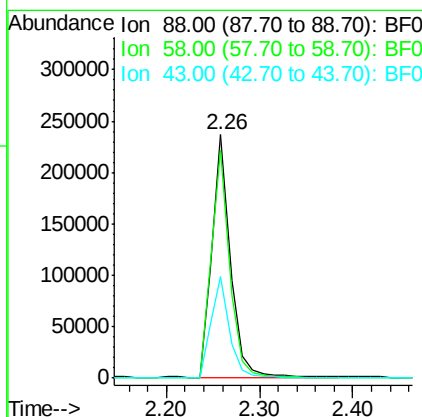
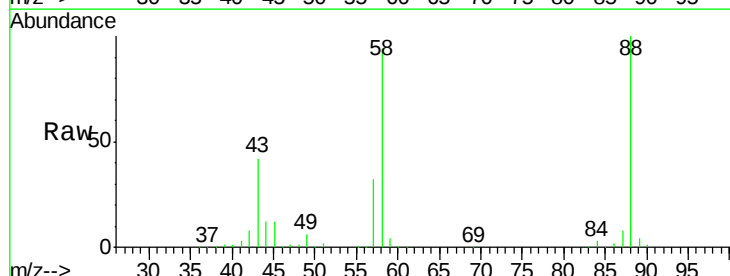
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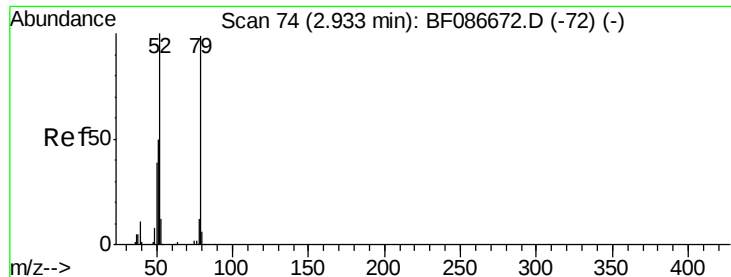


#2

1,4-Dioxane
Concen: 60.26 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	59.6	89.4#
43	41.6	21.8	32.6#





#3

Pvridine

Concen: 65.05 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

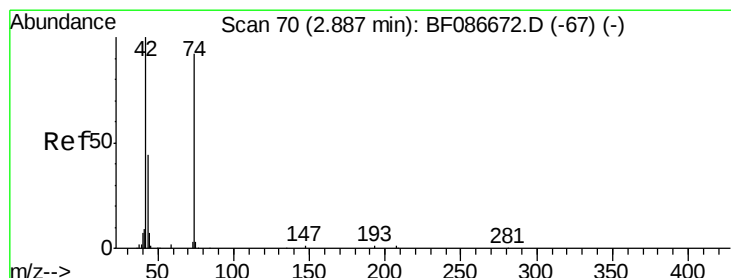
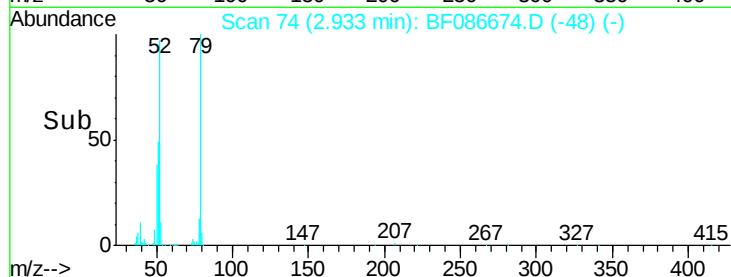
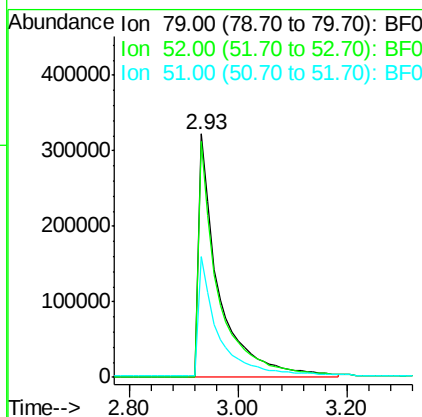
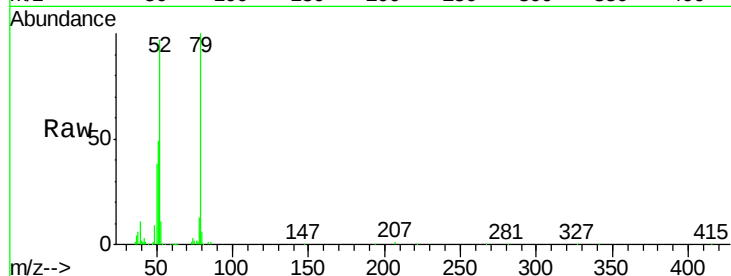
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.1	55.9	83.9#
51	49.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 73.41 ng

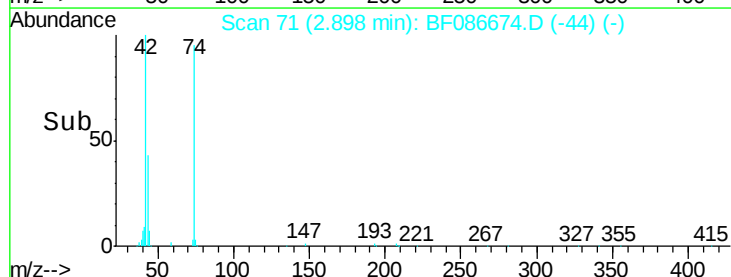
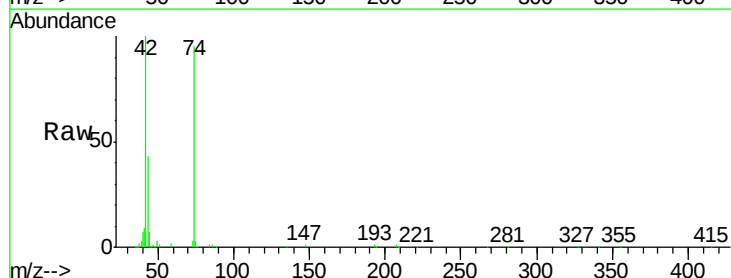
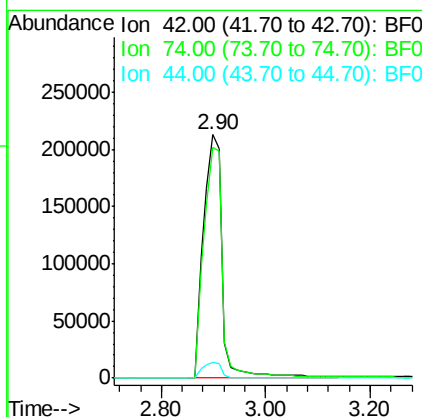
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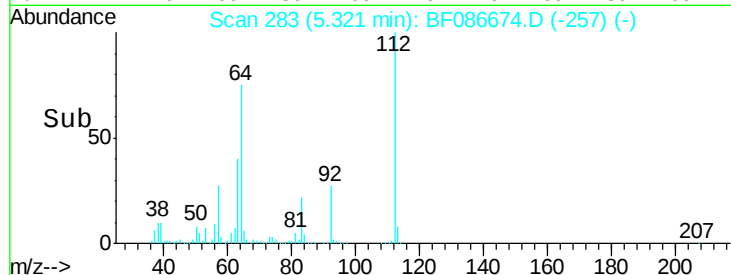
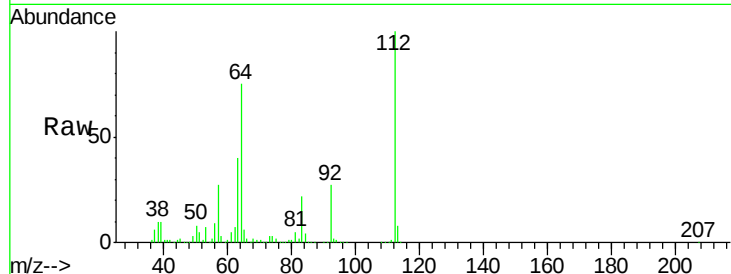
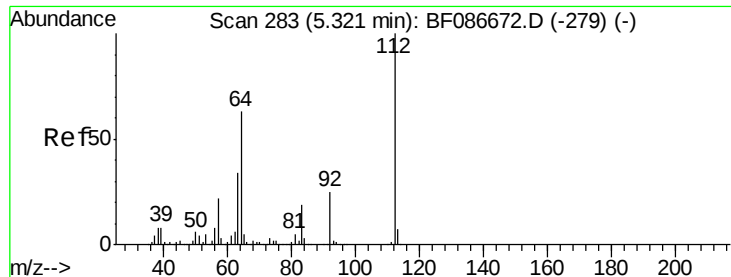
Delta R.T. 0.01 min

Lab File: BF086674.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.6	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 116.44 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:112 Resp: 1195874

Ion Ratio Lower Upper

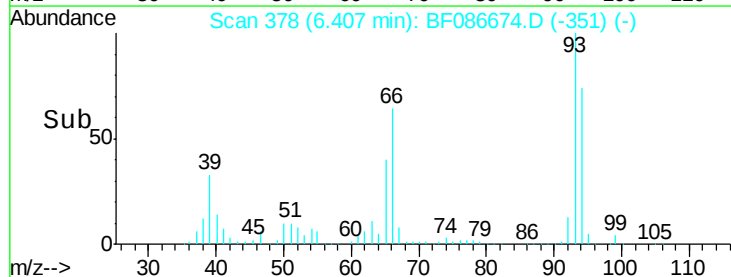
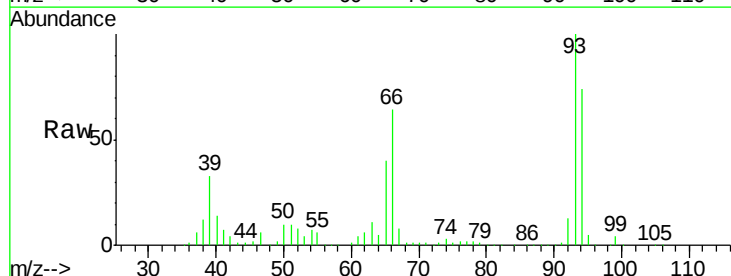
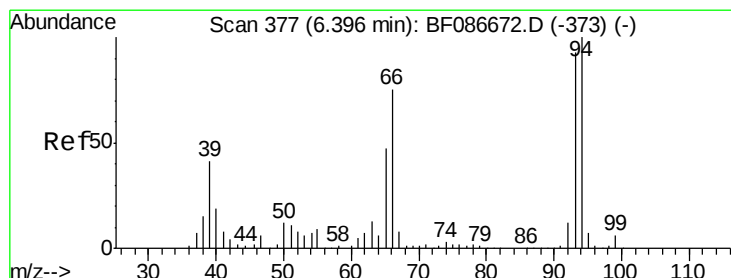
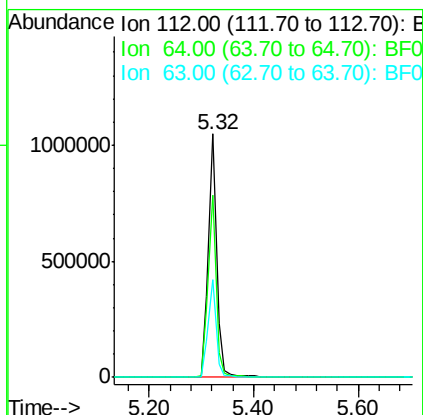
112 100

64 74.7 52.1 78.1

63 40.0 25.7 38.5#

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#6

Aniline

Concen: 60.42 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

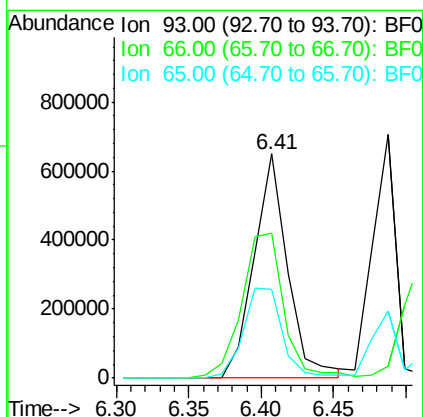
Tgt Ion: 93 Resp: 1048064

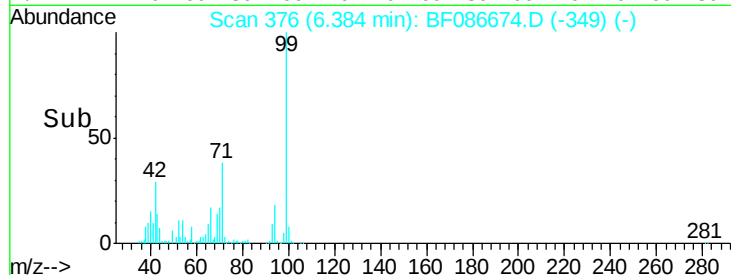
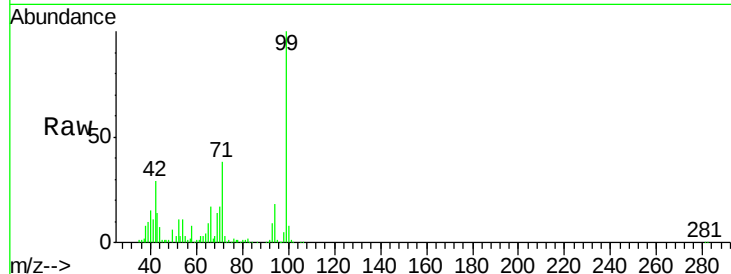
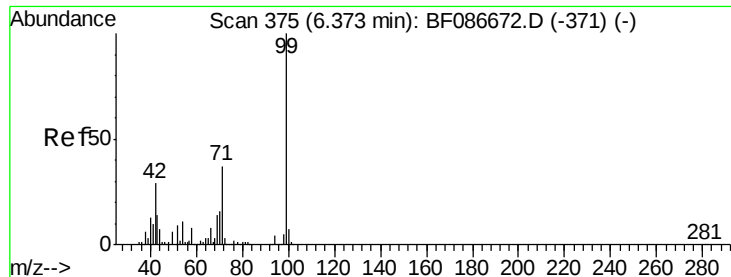
Ion Ratio Lower Upper

93 100

66 64.5 39.0 58.6#

65 39.7 20.6 31.0#





#7

Phenol-d6

Concen: 116.95 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tot Ion: 99 Resp: 1676413

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 37.9 24.6 36.8#

Instrument :

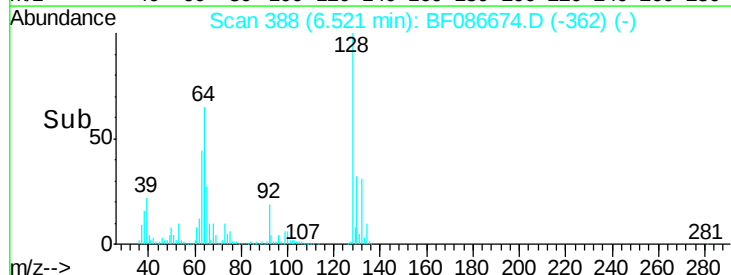
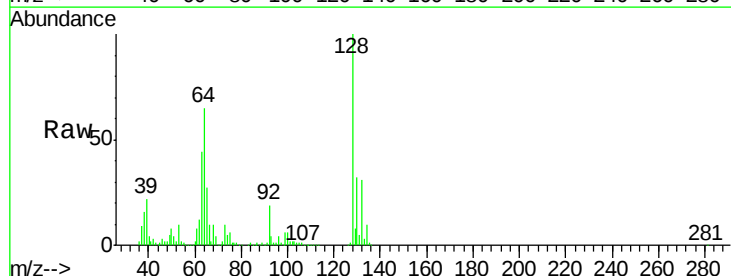
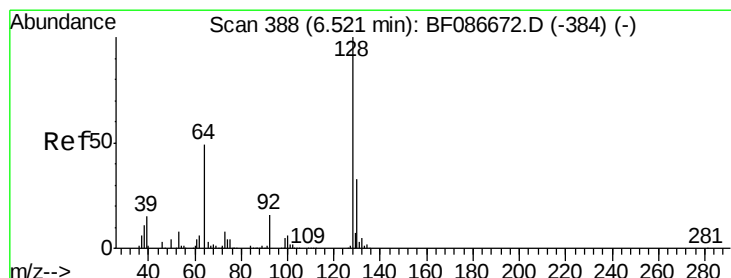
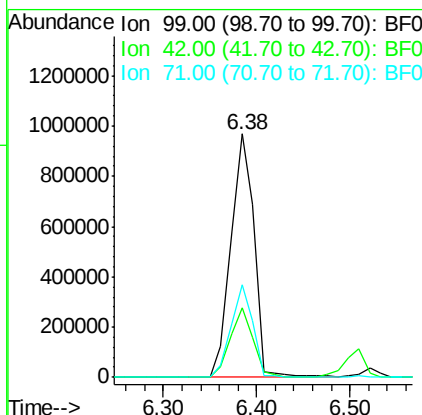
BNA_F

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#8

2-Chlorophenol

Concen: 55.03 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

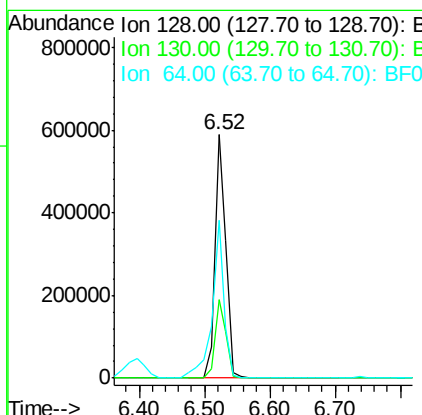
Tgt Ion: 128 Resp: 703885

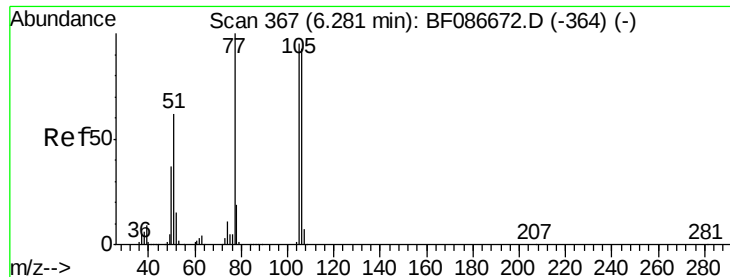
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 65.0 27.3 67.3





#9

Benzaldehyde

Concen: 44.67 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

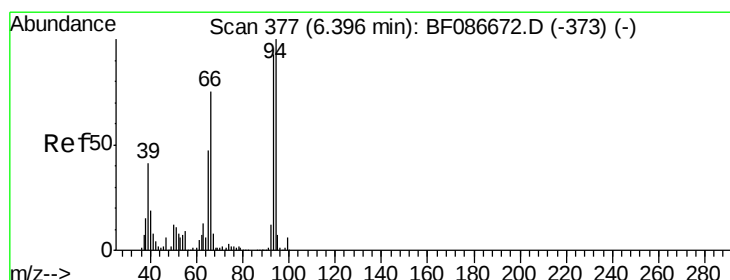
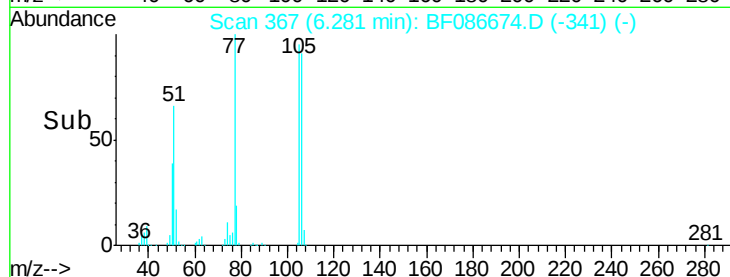
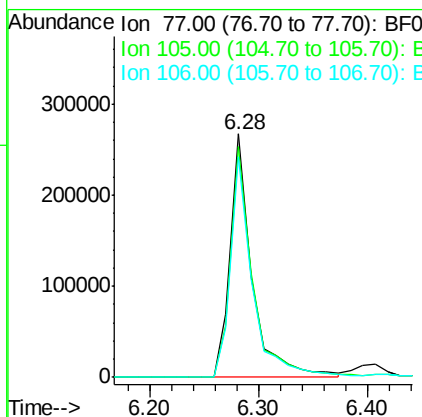
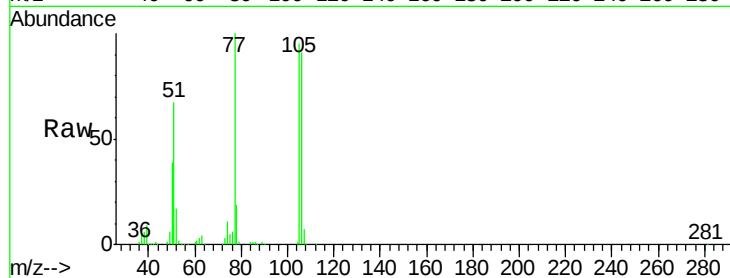
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.0	72.7	112.7		
106	90.9	70.8	110.8		

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#10

Phenol

Concen: 53.77 ng

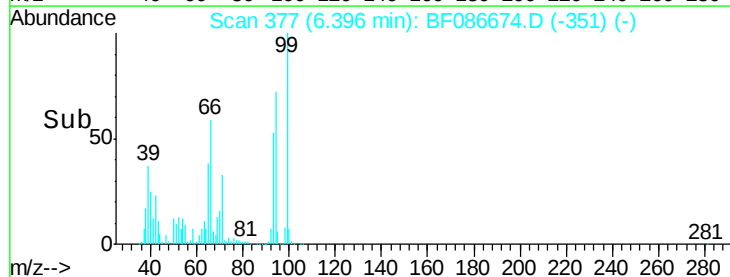
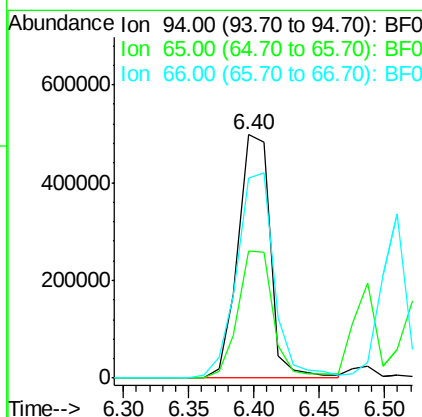
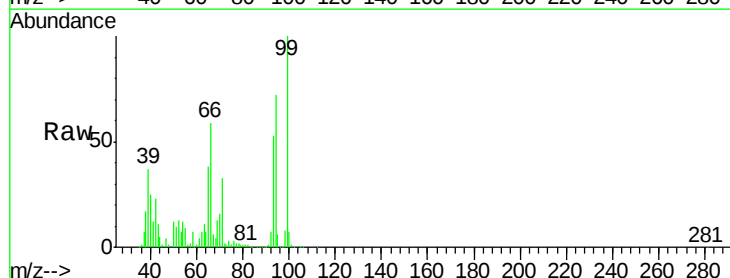
RT: 6.40 min Scan# 377

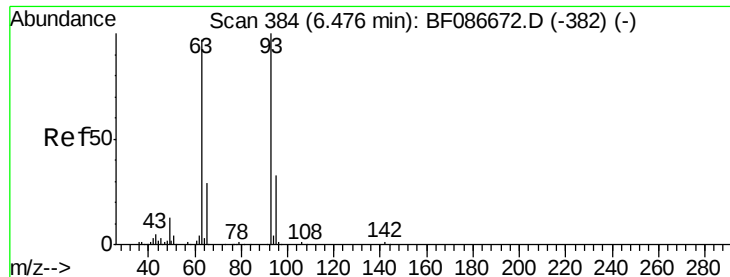
Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	52.3	7.2	47.2#		
66	82.4	14.9	54.9#		





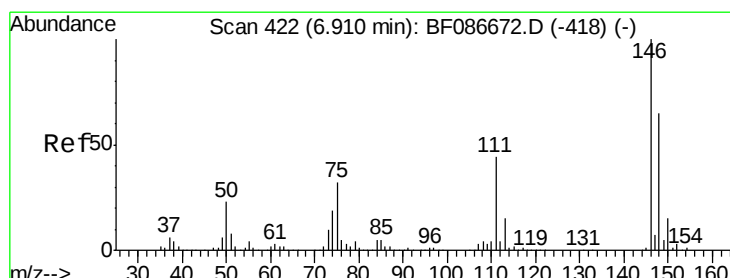
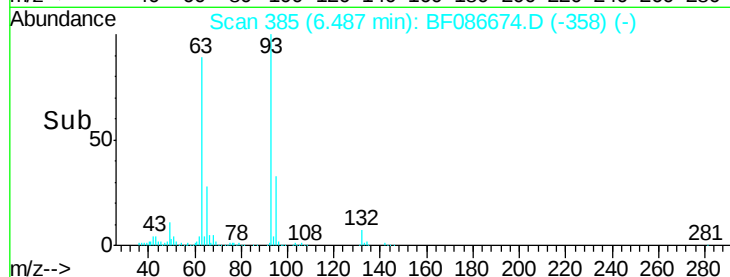
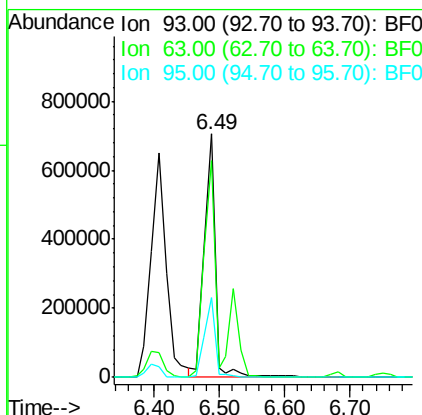
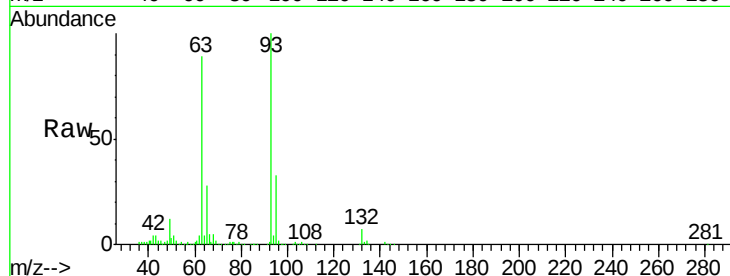
#11
bis(2-Chloroethyl)ether
Concen: 59.17 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	58.0	98.0
95	32.8	11.9	51.9

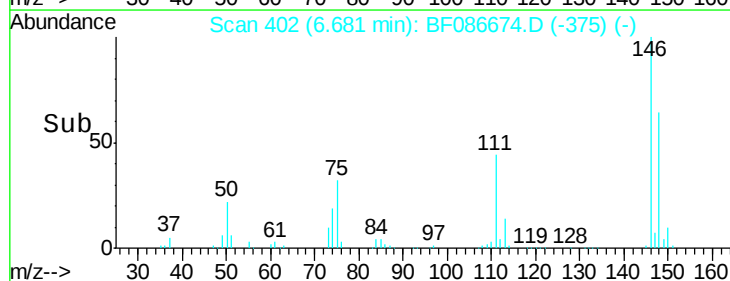
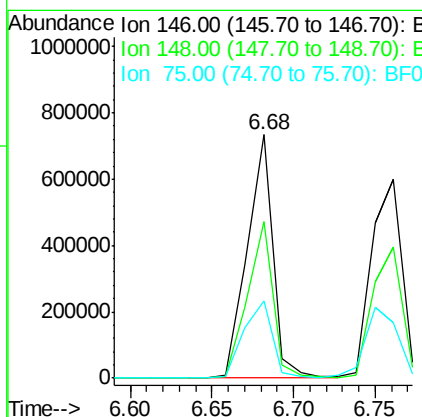
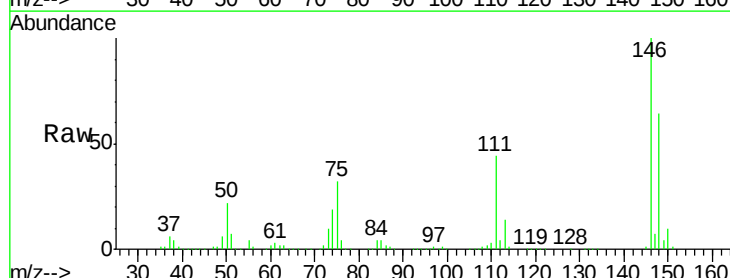
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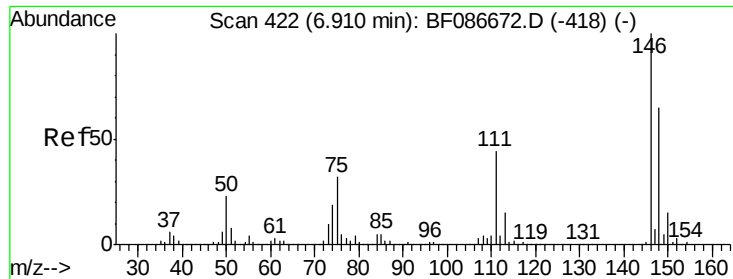
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#12
1,3-Dichlorobenzene
Concen: 58.16 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.4	78.6
75	31.6	22.8	34.2





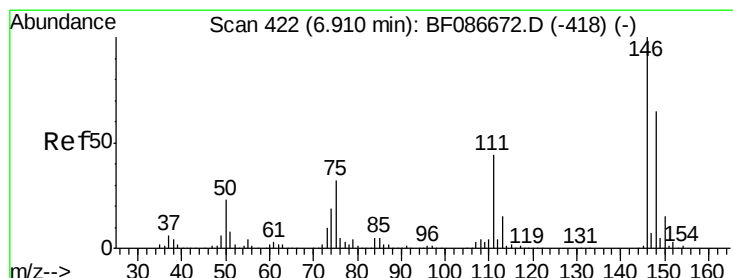
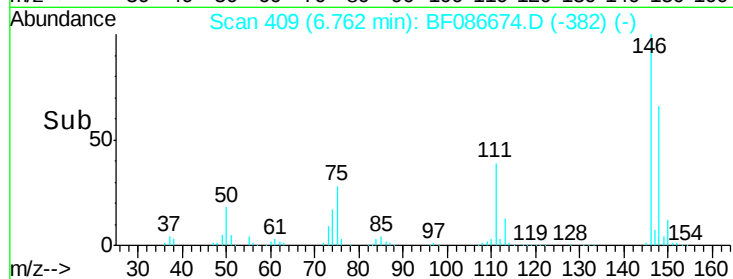
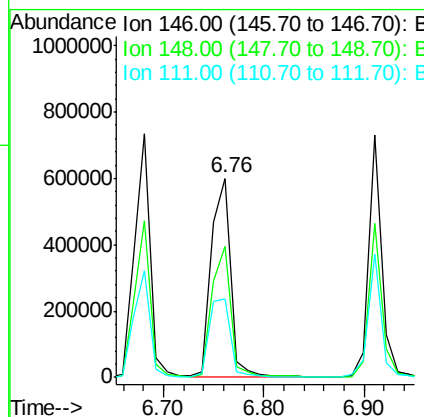
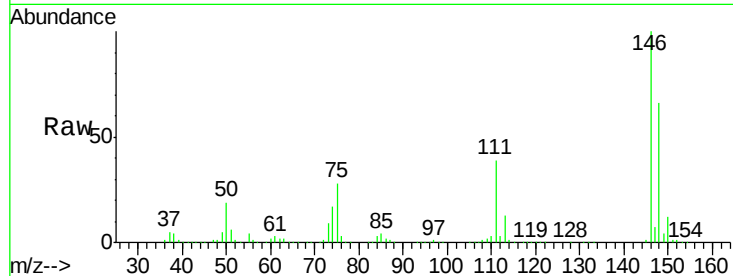
#13
 1,4-Dichlorobenzene
 Concen: 57.07 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
146	100	810165		
148	65.5	52.2	78.4	
111	39.2	30.7	46.1	

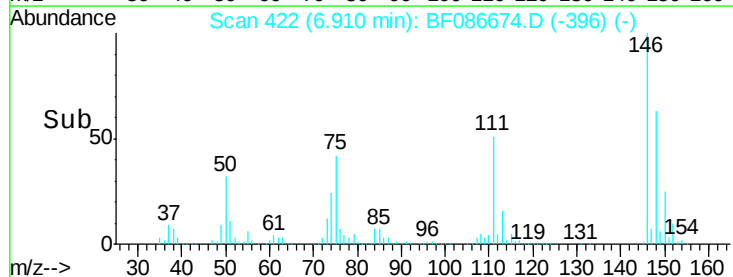
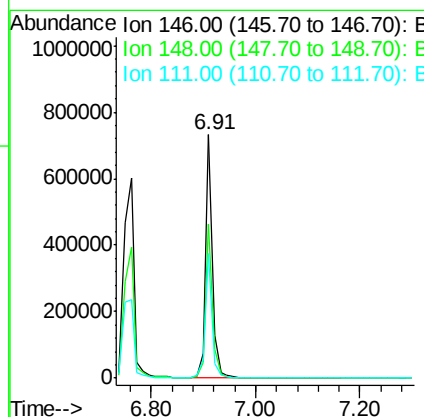
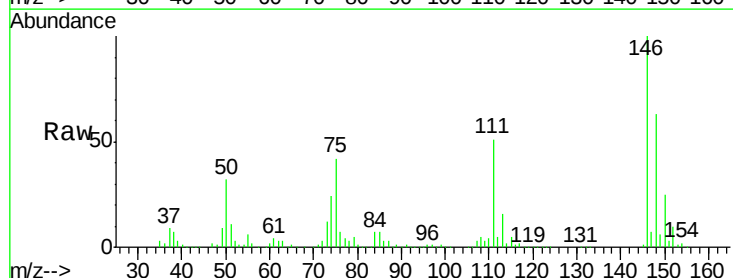
Manual Integrations
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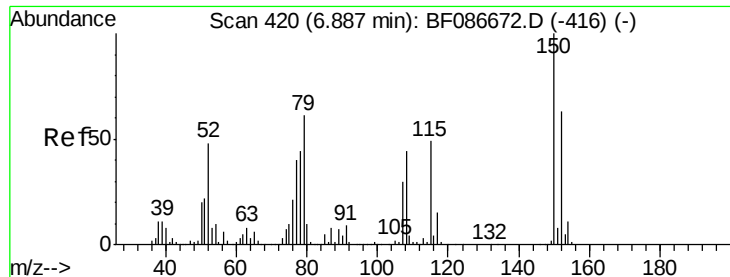
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 51.78 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	674137		
148	63.4	51.0	76.6	
111	50.9	36.2	54.4	





#15

Benzyl Alcohol

Concen: 61.53 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 557932

Ion Ratio Lower Upper

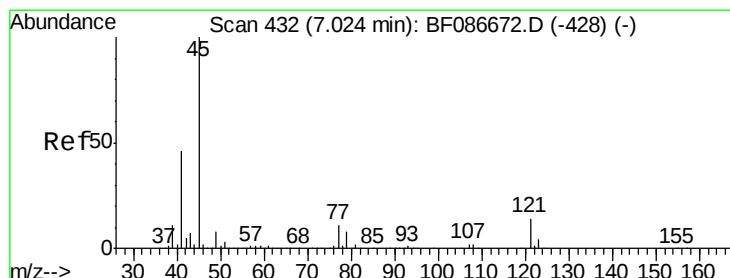
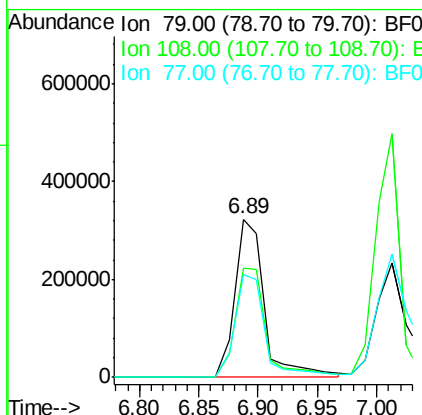
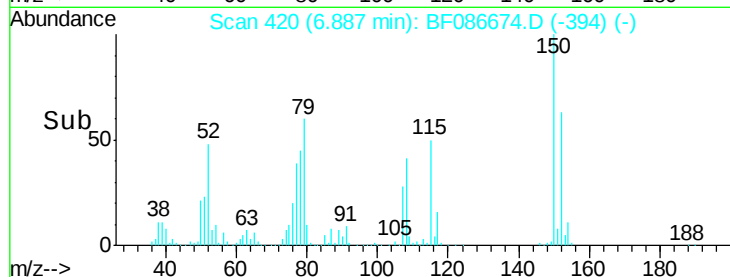
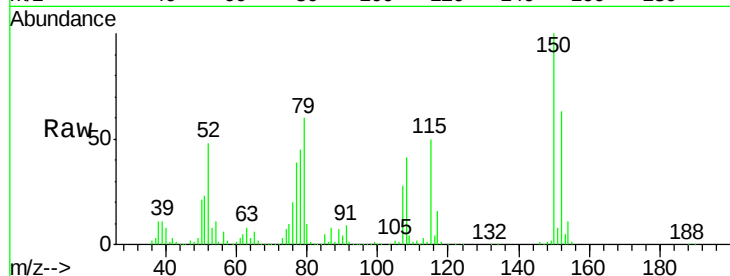
79 100

108 68.8 68.4 102.6

77 65.1 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.17 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

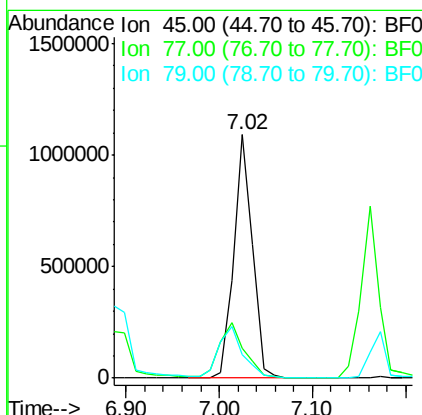
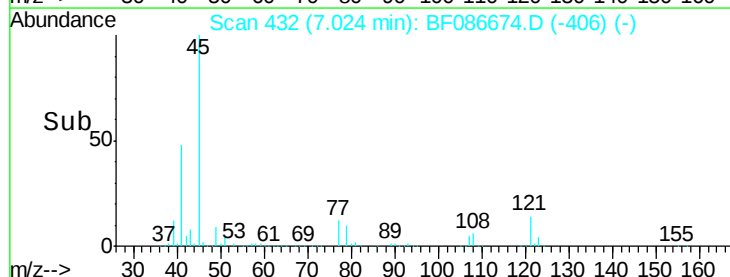
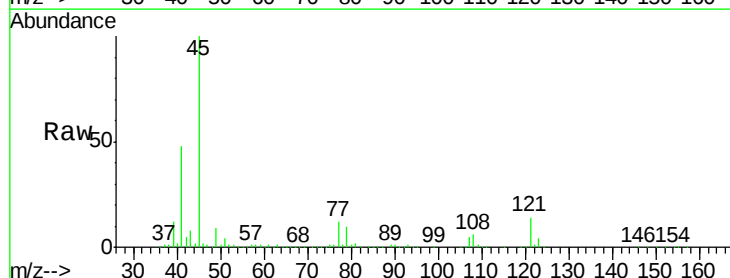
Tgt Ion: 45 Resp: 1526595

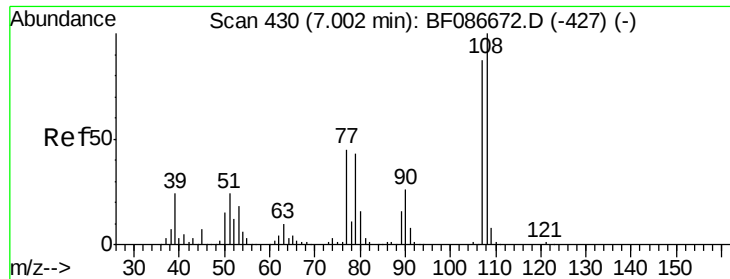
Ion Ratio Lower Upper

45 100

77 12.5 0.0 36.4

79 9.9 0.0 33.4





#17

2-Methylphenol

Concen: 59.77 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

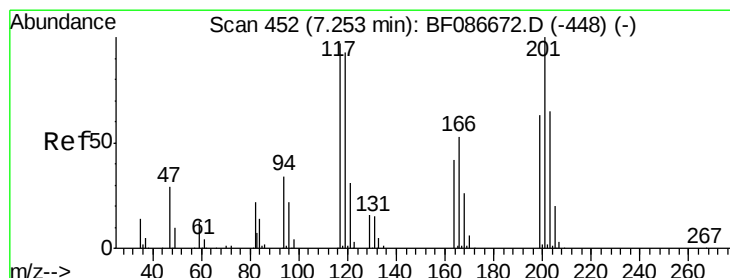
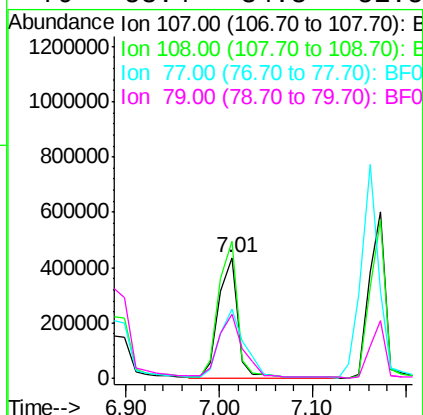
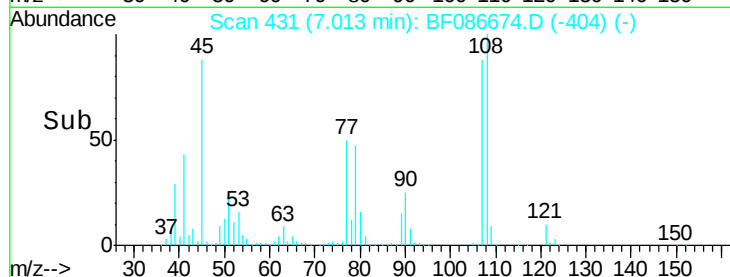
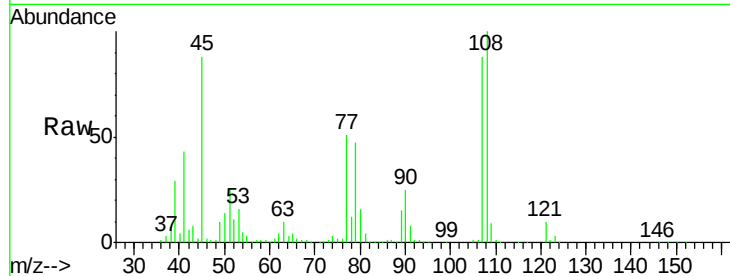
ClientSampleId :

SSTDICC060

Tot Ion:	107	Resp:	617941
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.7	140.5
77	57.6	33.4	50.0#
79	53.4	34.3	51.5#

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#18

Hexachloroethane

Concen: 58.81 ng

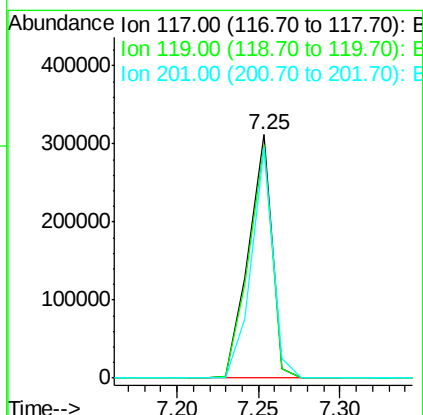
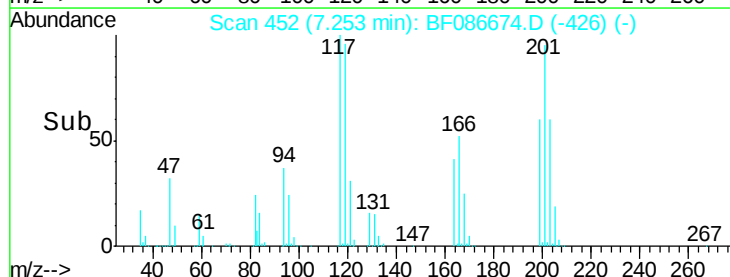
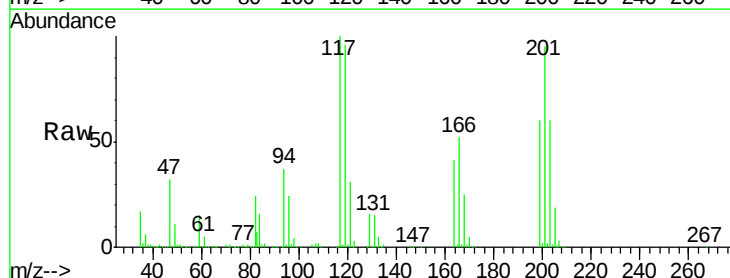
RT: 7.25 min Scan# 452

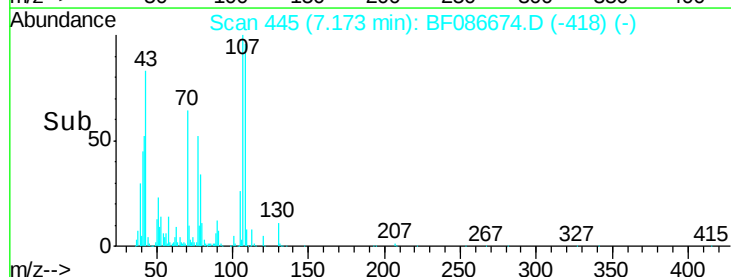
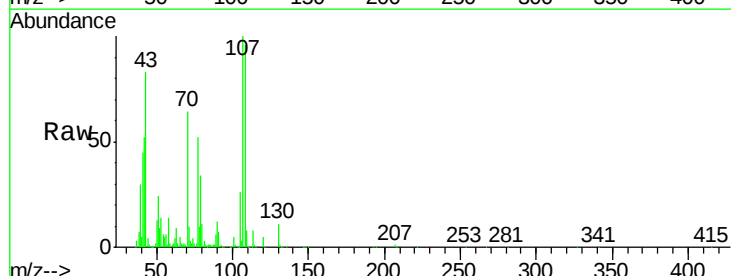
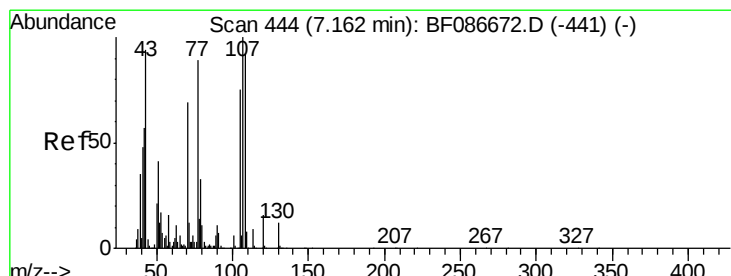
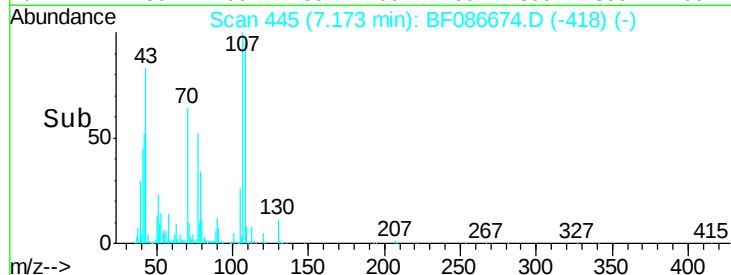
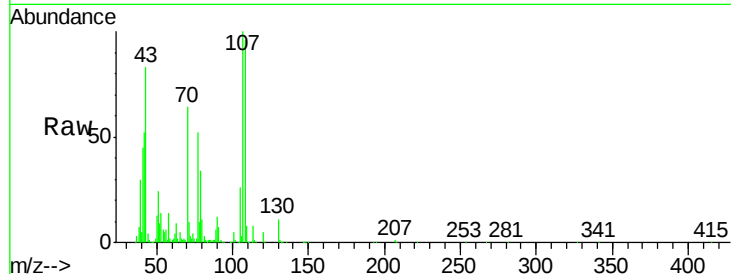
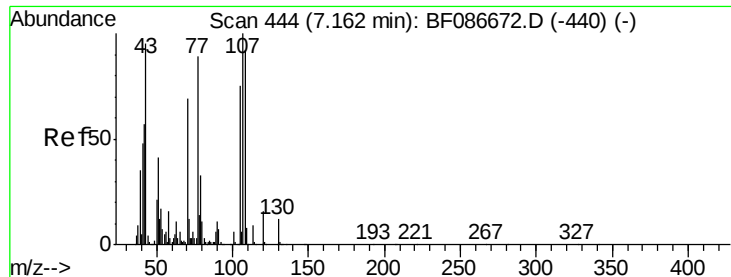
Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:	117	Resp:	311965
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.5	114.7
201	94.9	63.0	94.6#





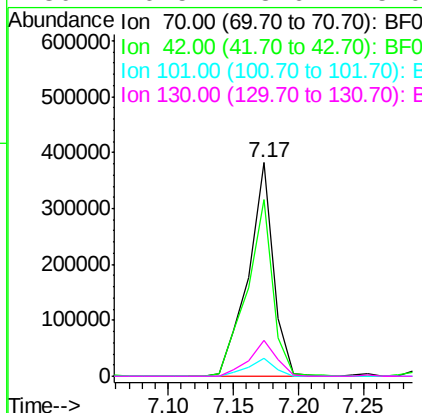
#19
n-Nitroso-di-n-propylamine
Concen: 54.59 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	8.6	8.1	12.1
130	16.5	18.6	28.0#

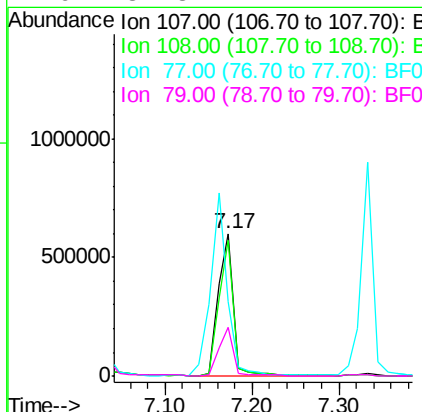
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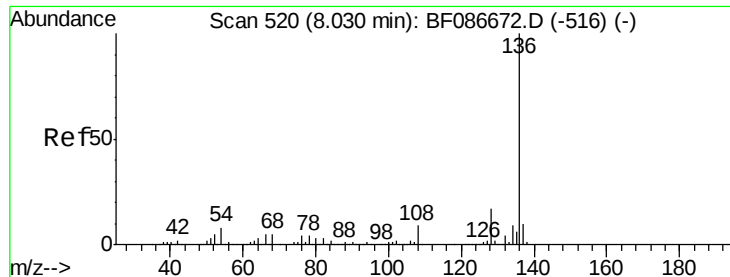
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#20
3+4-Methylphenols
Concen: 62.51 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	95.6	68.5	108.5
77	52.5	101.6	141.6#
79	34.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

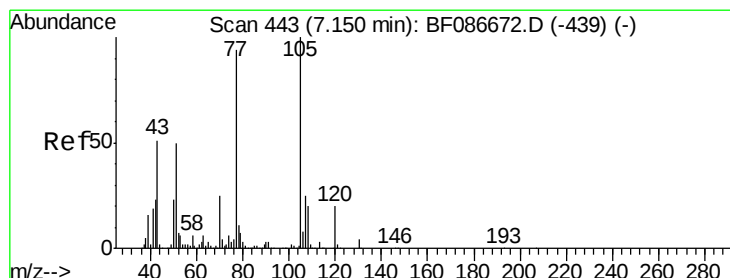
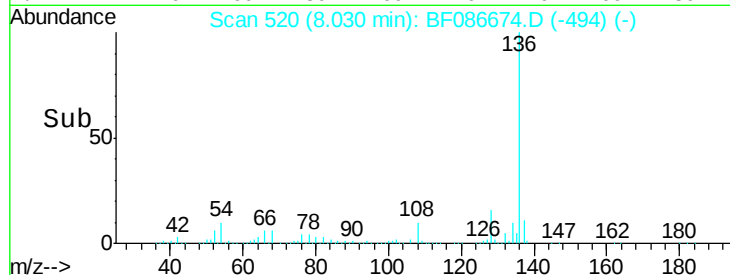
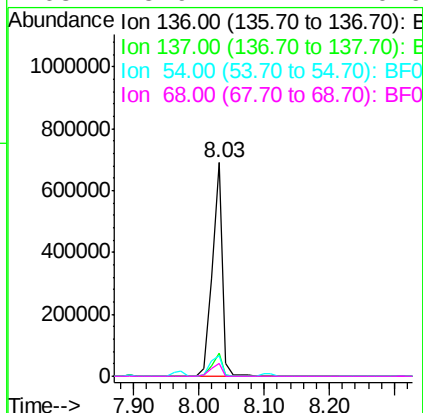
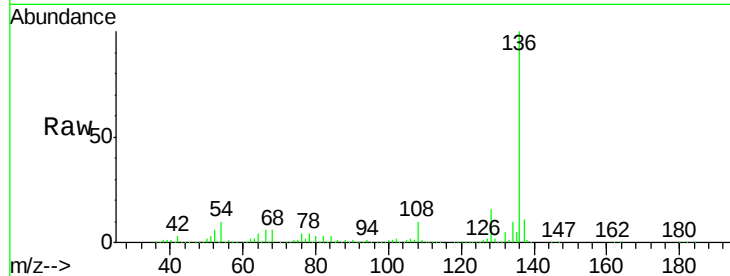
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		749014		
137	11.0	8.8	13.2		
54	9.9	5.0	7.4#		
68	5.9	4.4	6.6		

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#22

Acetophenone

Concen: 58.26 ng

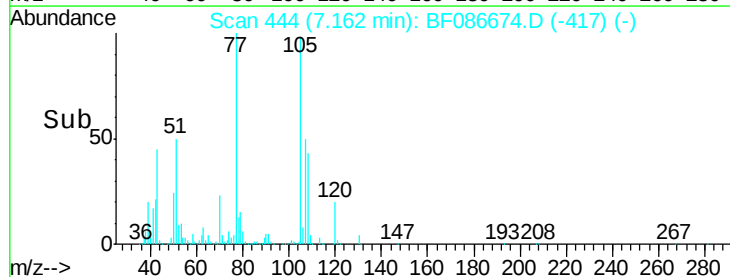
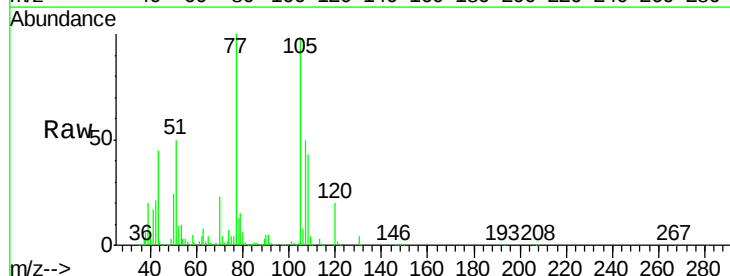
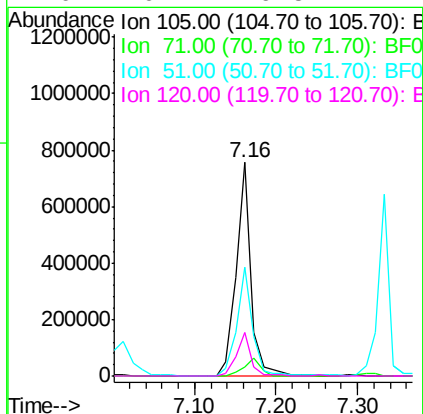
RT: 7.16 min Scan# 444

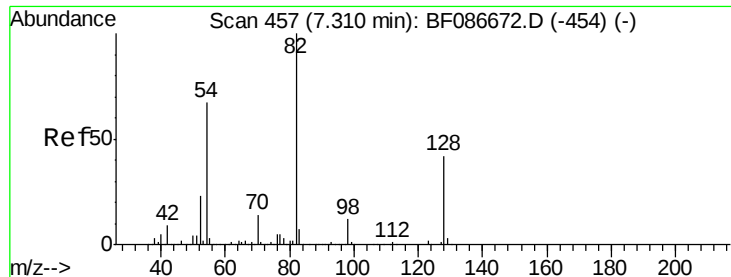
Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		956795		
71	3.9	4.8	7.2#		
51	50.8	32.6	49.0#		
120	20.2	16.5	24.7		





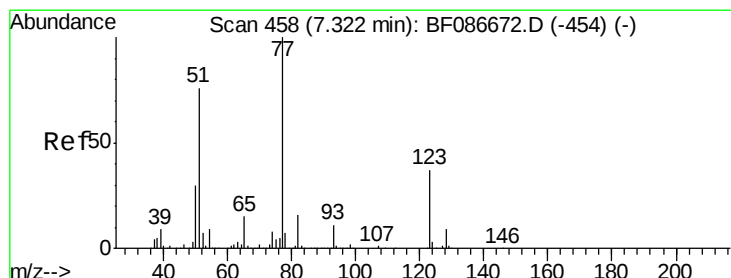
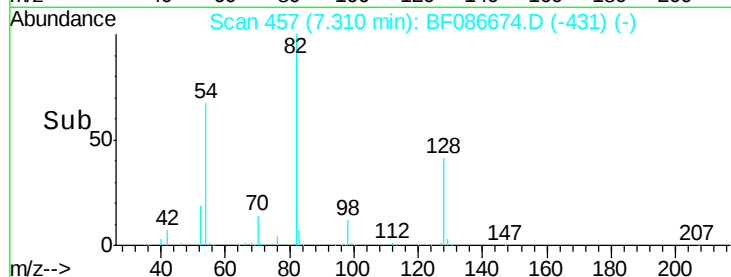
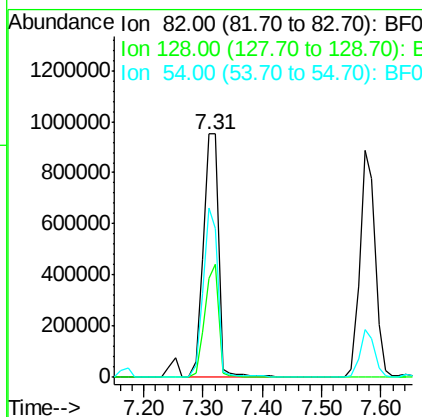
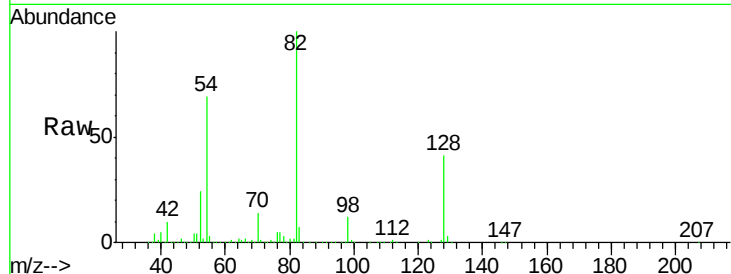
#23
 Nitrobenzene-d5
 Concen: 125.45 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	1743271
Ion Ratio	100	Lower	Upper
82	100		
128	40.6	40.6	61.0#
54	69.5	38.1	57.1#

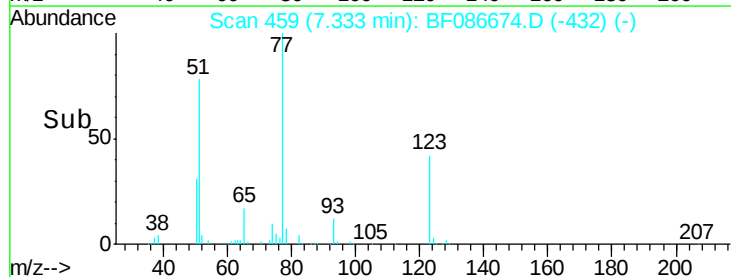
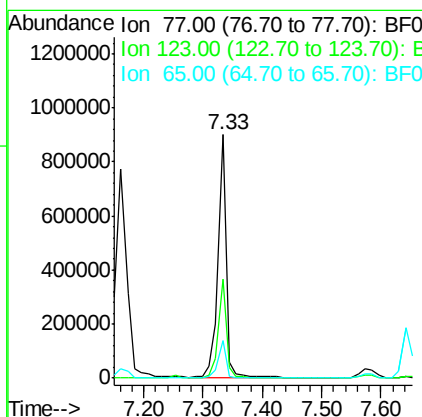
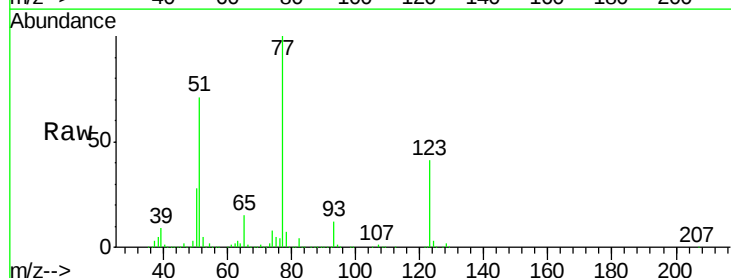
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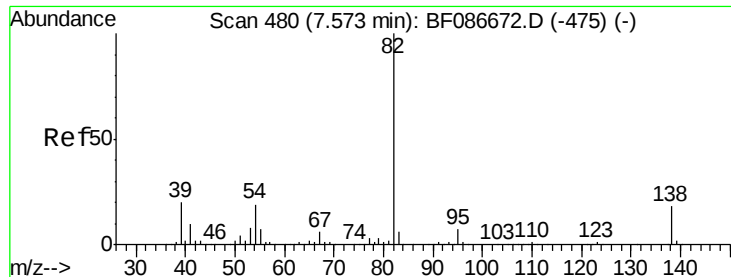
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#24
 Nitrobenzene
 Concen: 60.07 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	77	Resp	858716
Ion Ratio	100	Lower	Upper
77	100		
123	40.9	33.0	49.4
65	15.2	10.8	16.2





#25

Isophorone

Concen: 58.76 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1571533

Ion Ratio Lower Upper

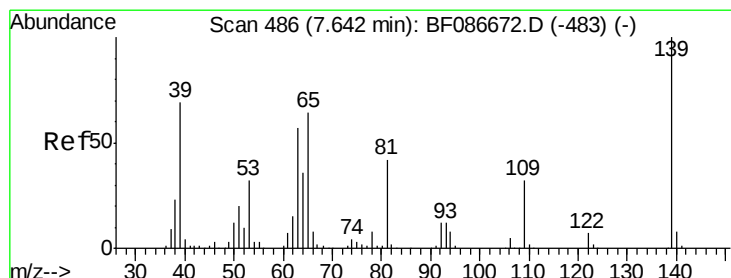
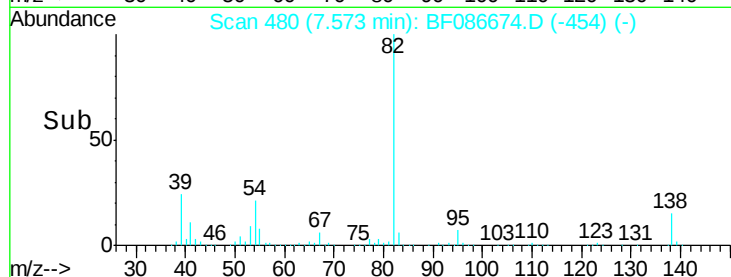
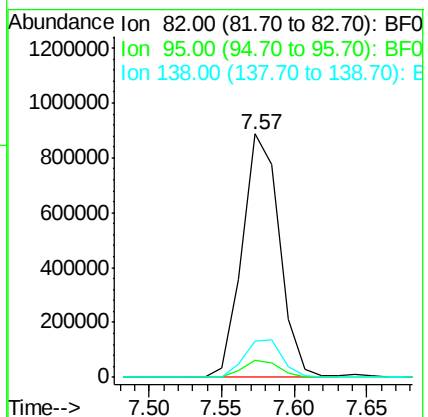
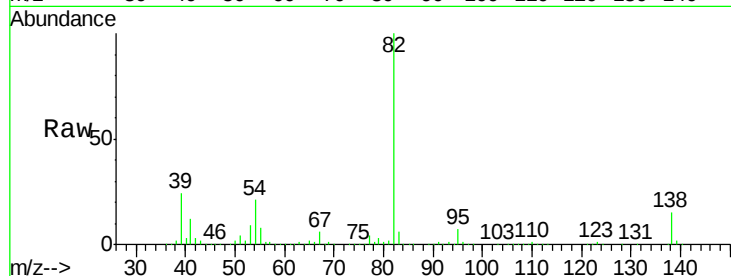
82 100

95 7.0 5.1 7.7

138 15.1 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 60.25 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

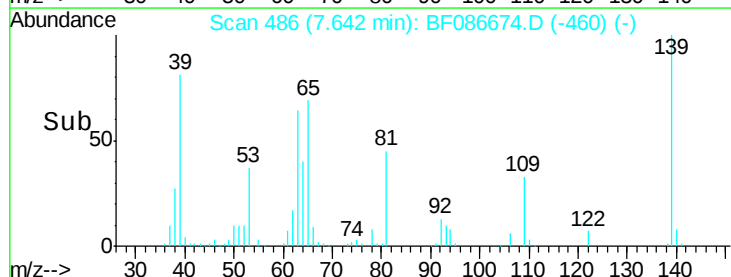
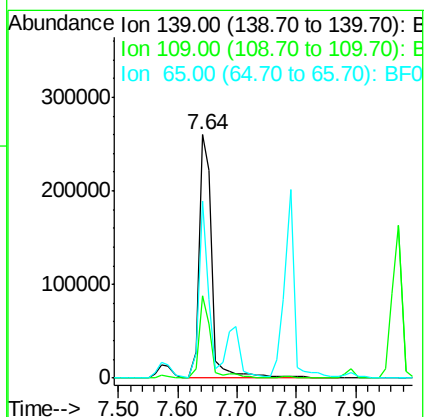
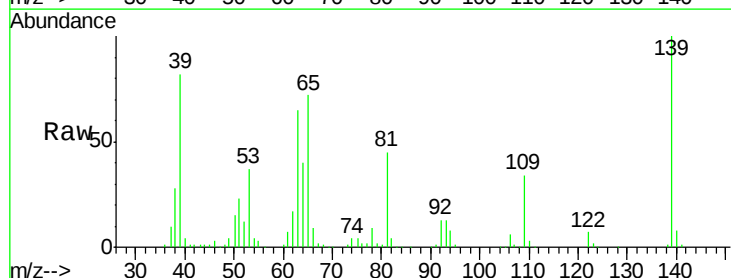
Tgt Ion: 139 Resp: 396516

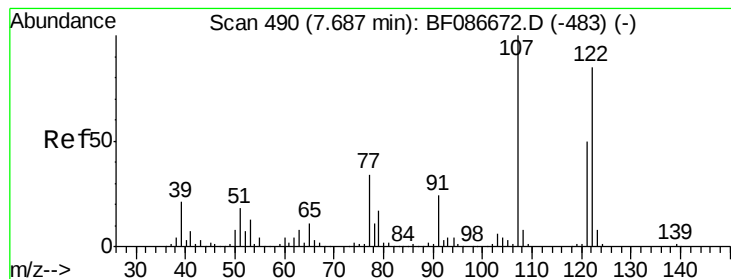
Ion Ratio Lower Upper

139 100

109 33.6 19.5 29.3#

65 72.5 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 62.41 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

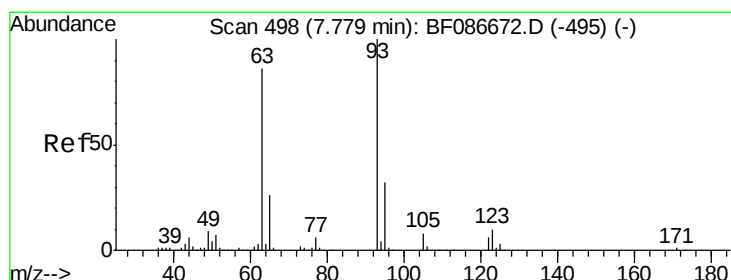
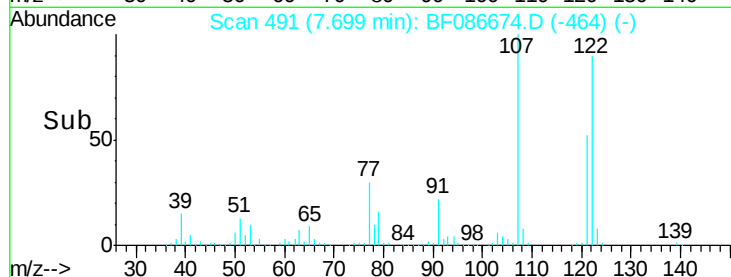
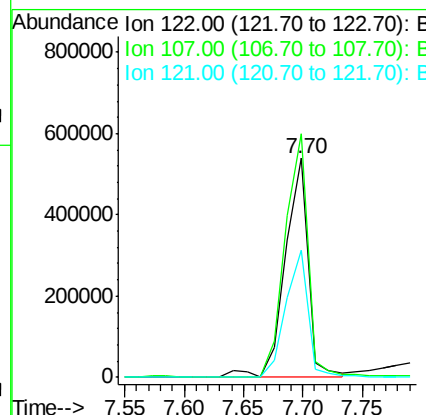
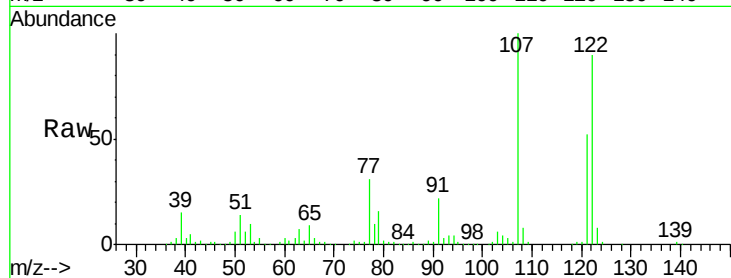
ClientSampleId :

SSTDIC060

Tot Ion:	122	Resp:	720673
Ion Ratio	Lower	Upper	
122	100		
107	111.3	82.0	123.0
121	58.1	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 61.78 ng

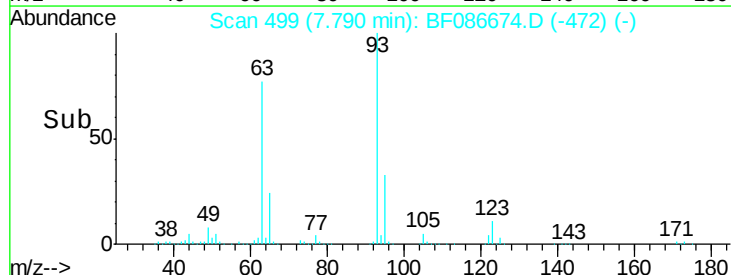
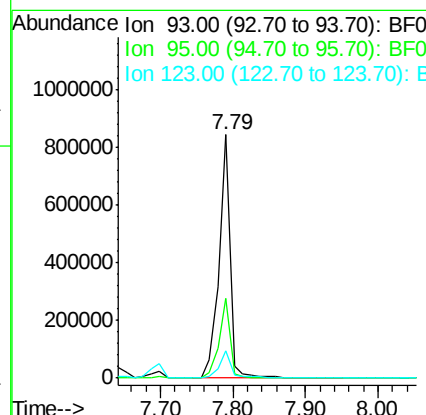
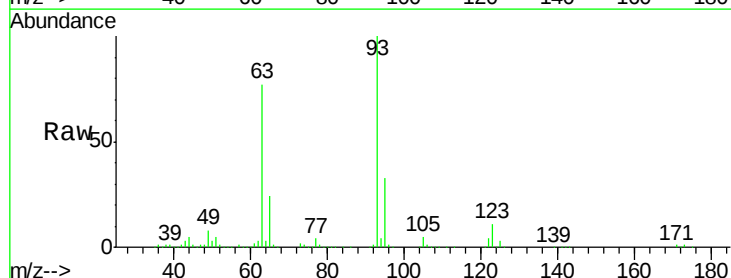
RT: 7.79 min Scan# 499

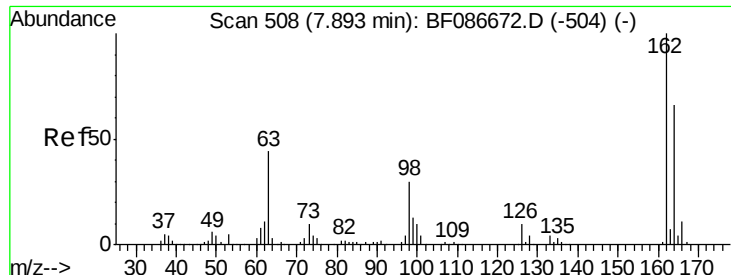
Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:	93	Resp:	900046
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	11.0	9.5	14.3





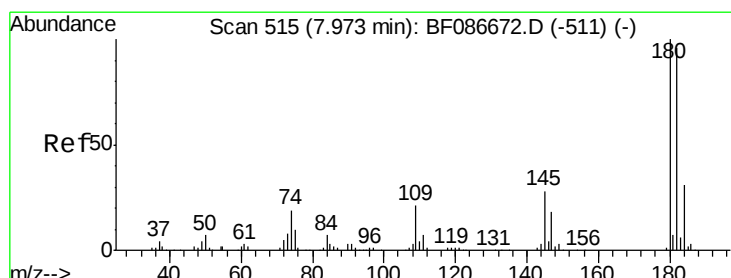
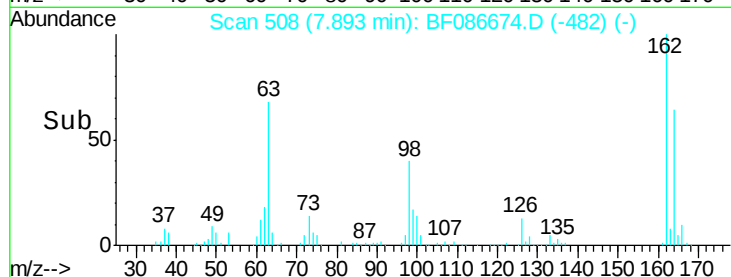
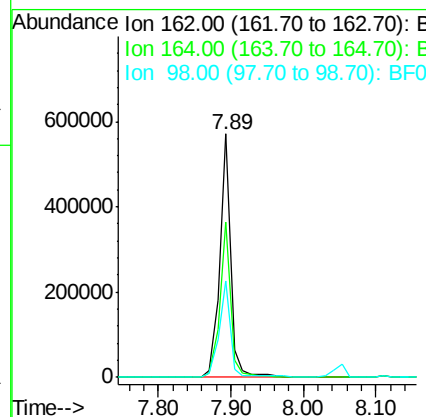
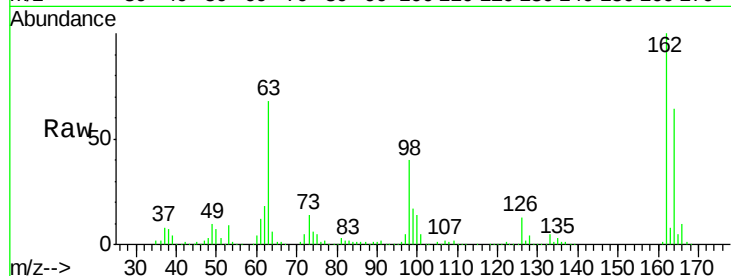
#29
 2,4-Dichlorophenol
 Concen: 61.96 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	603664		
164	63.7	42.2	82.2	
98	39.8	19.0	59.0	

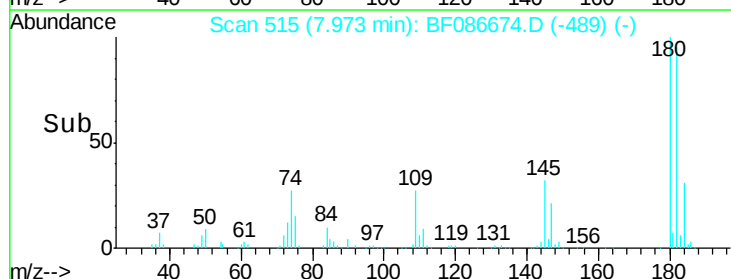
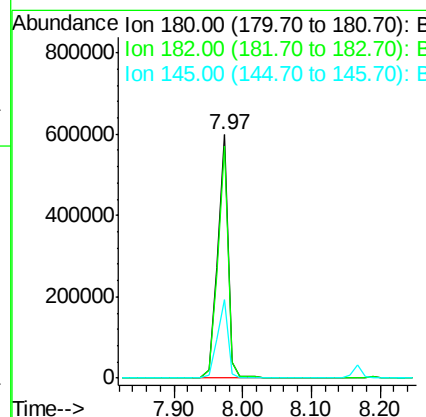
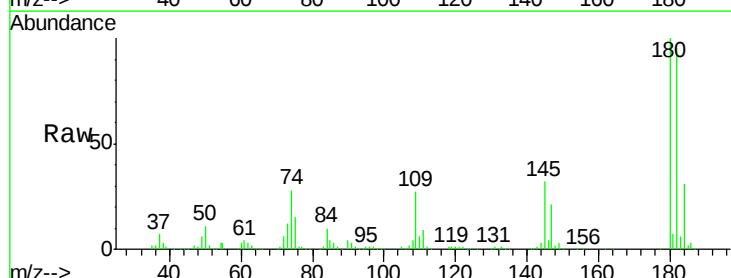
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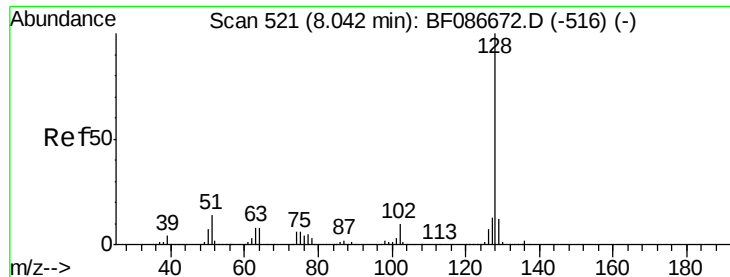
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#30
 1,2,4-Trichlorobenzene
 Concen: 57.53 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	650255		
182	95.4	78.0	117.0	
145	32.2	24.2	36.2	





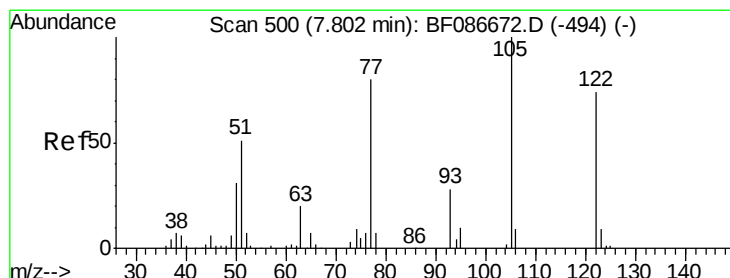
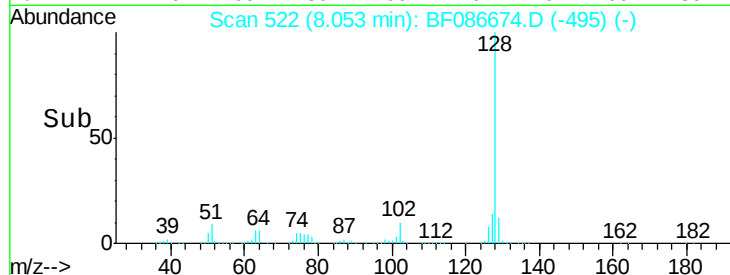
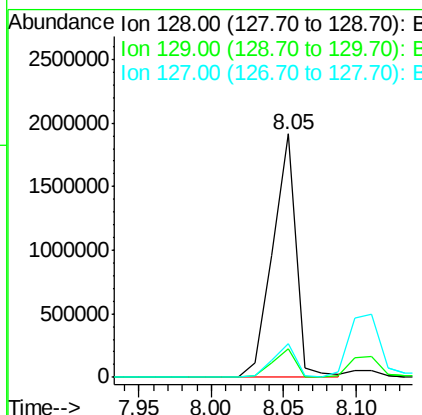
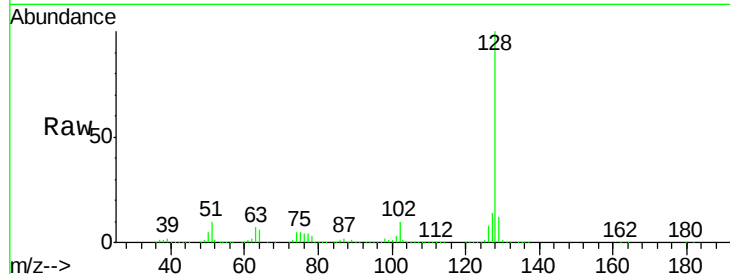
#31
Naphthalene
Concen: 55.97 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:128 Resp: 2133186
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.1 10.8 16.2

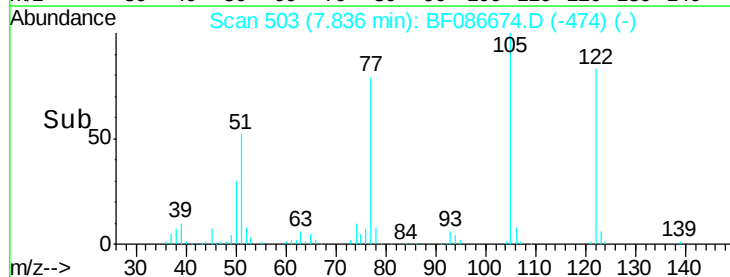
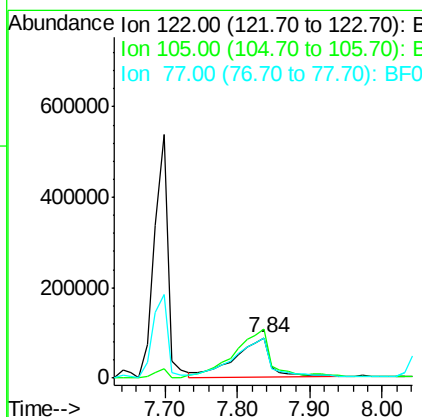
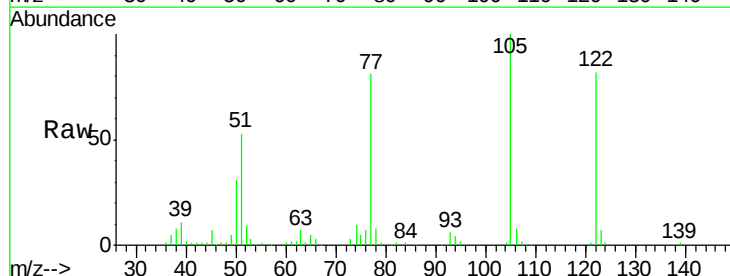
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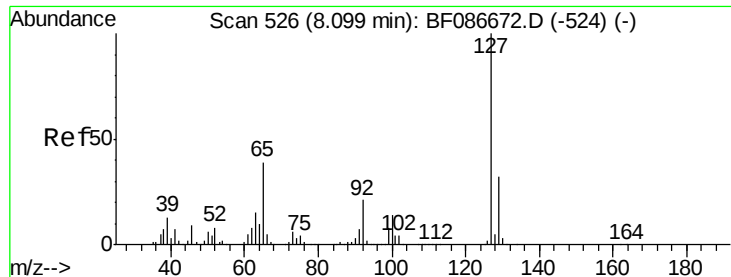
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#32
Benzoic acid
Concen: 49.61 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.03 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:122 Resp: 297056
Ion Ratio Lower Upper
122 100
105 121.4 92.6 132.6
77 98.0 60.0 100.0





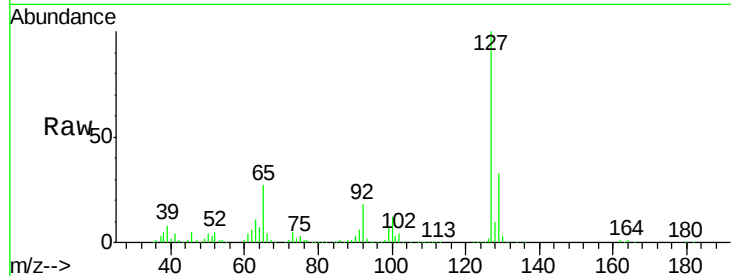
#33
4-Chloroaniline
Concen: 59.21 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

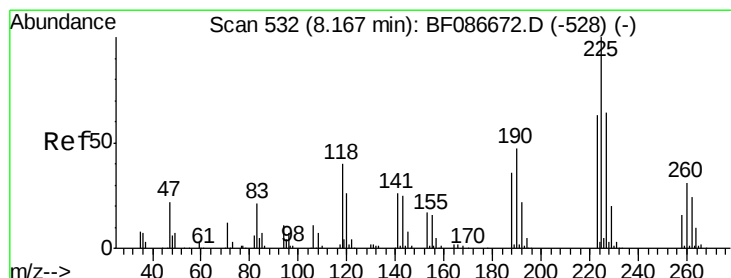
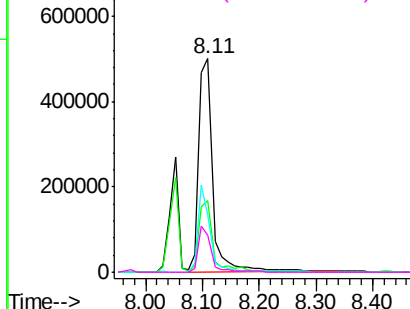
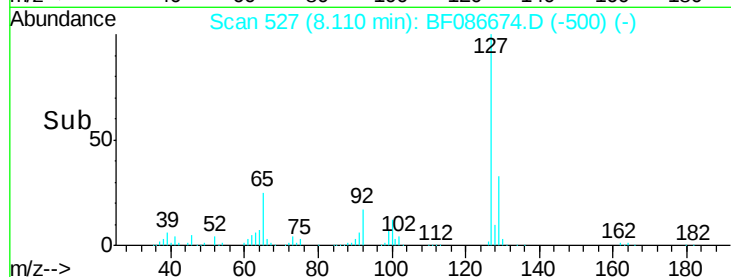
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.2	39.4		
65	26.8	23.0	34.4		
92	17.6	15.1	22.7		

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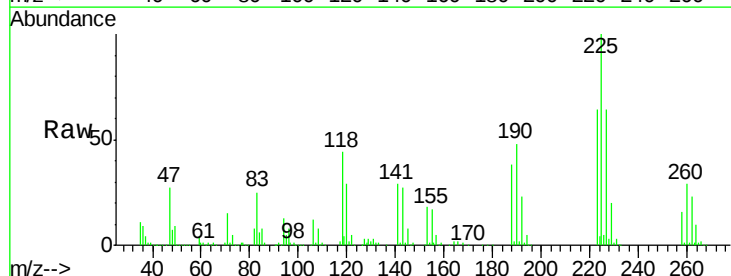


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

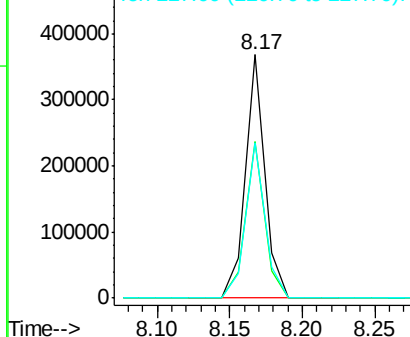
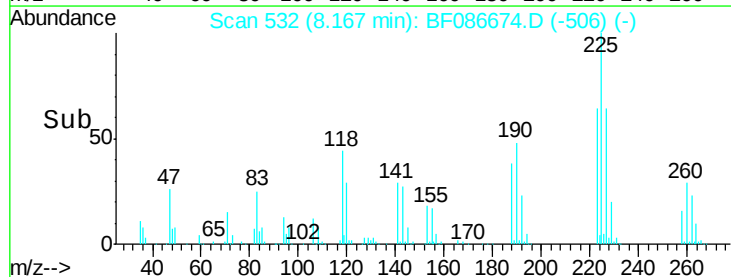


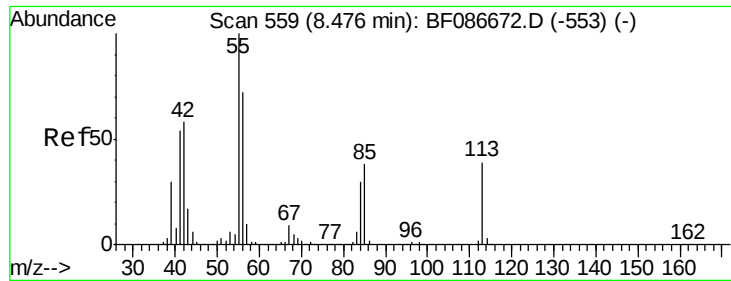
#34
Hexachlorobutadiene
Concen: 54.17 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	51.5	77.3		
227	63.6	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: 55.33 ng

RT: 8.50 min Scan# 561

Delta R.T. 0.02 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

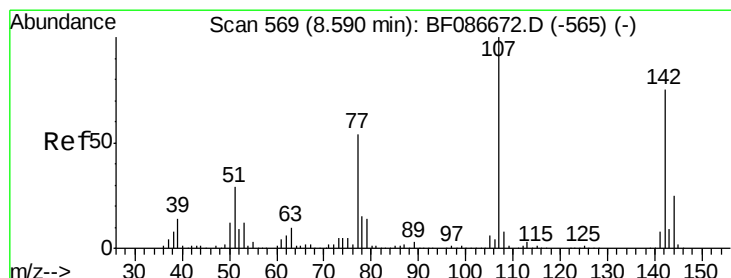
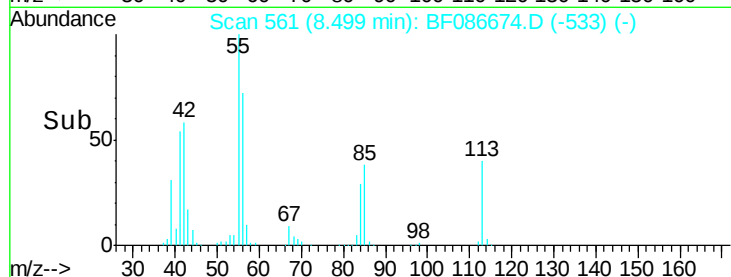
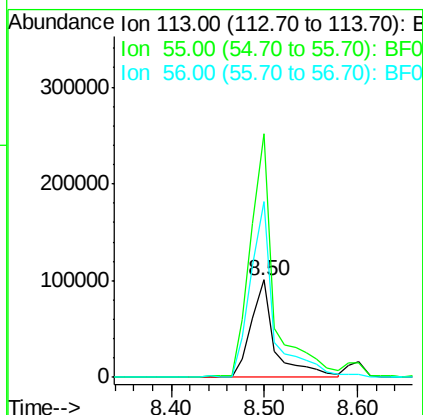
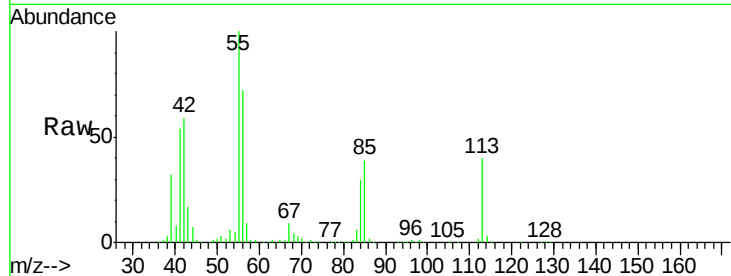
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	250.6	162.0	202.0#
56	180.9	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 62.44 ng

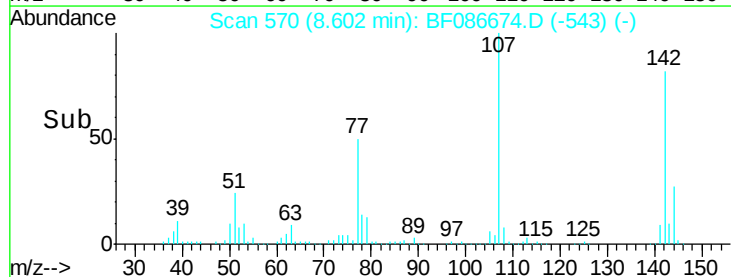
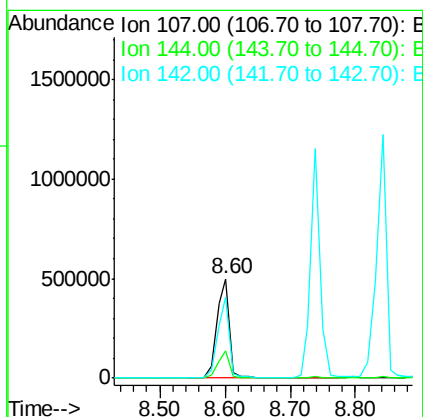
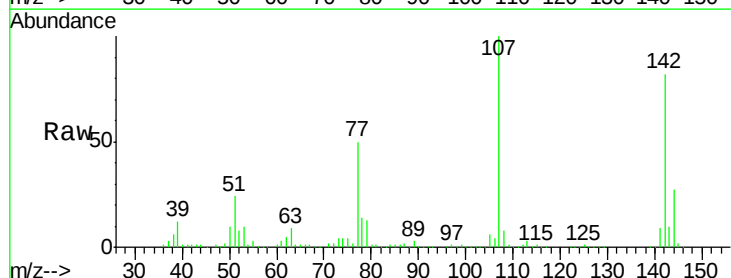
RT: 8.60 min Scan# 570

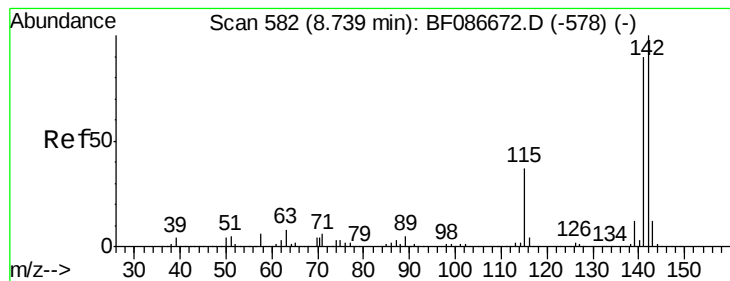
Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.7	31.1
142	82.1	63.2	94.8





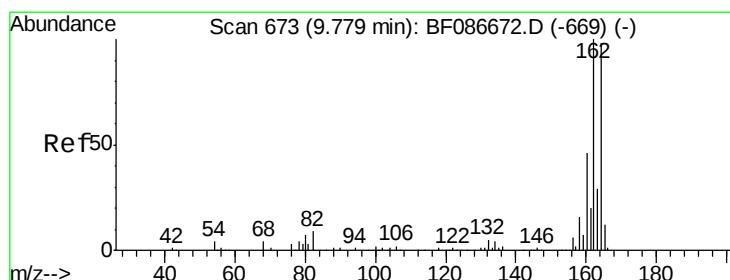
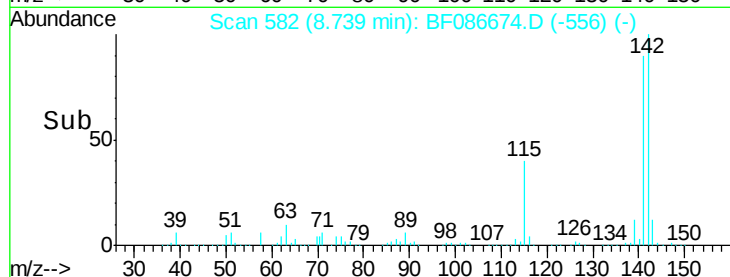
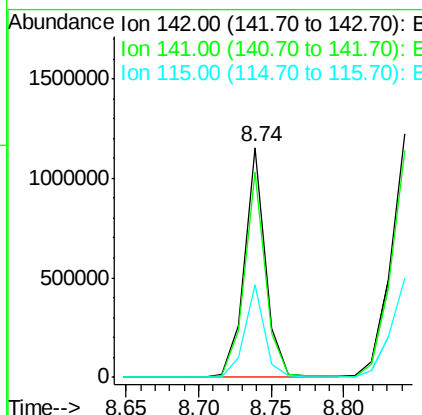
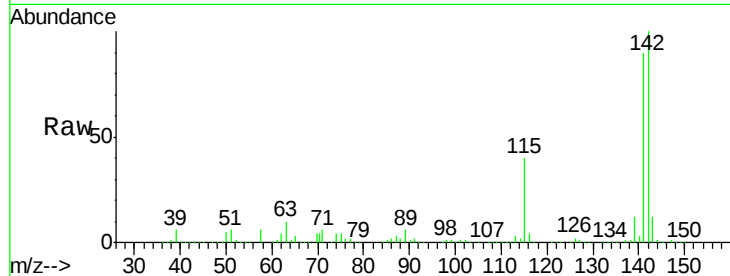
#37
2-Methylnaphthalene
Concen: 52.08 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	40.1	26.6	39.8

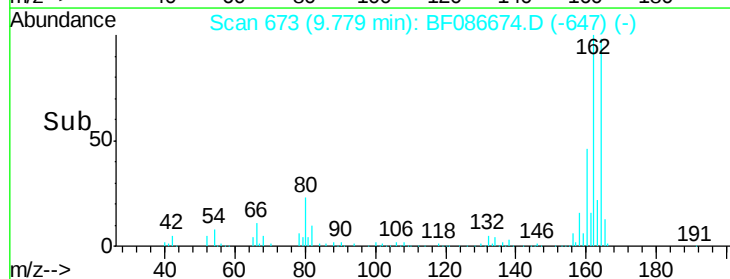
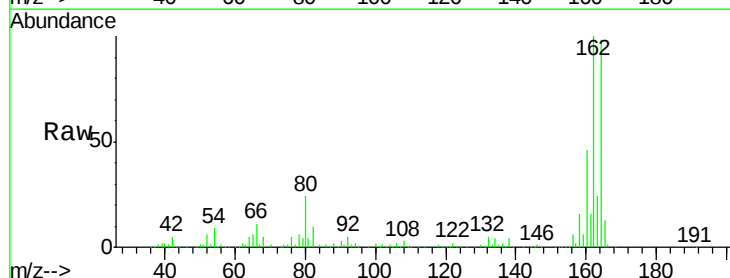
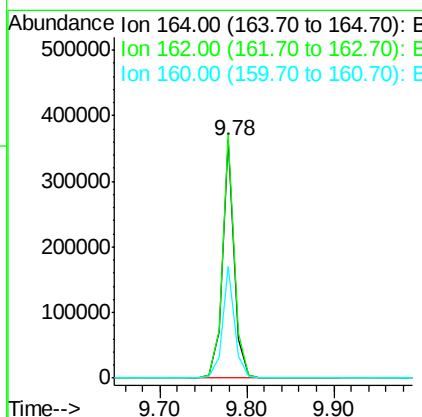
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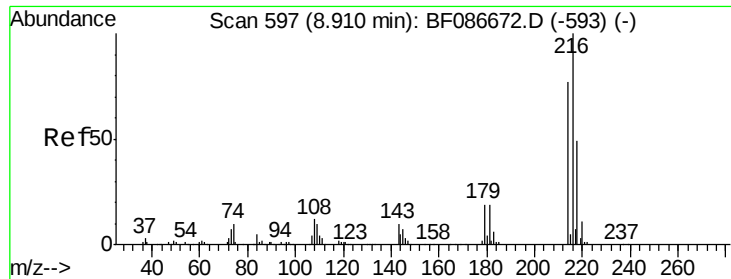
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	47.1	36.9	55.3





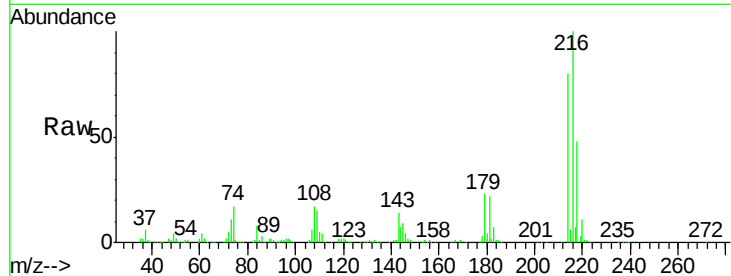
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.76 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

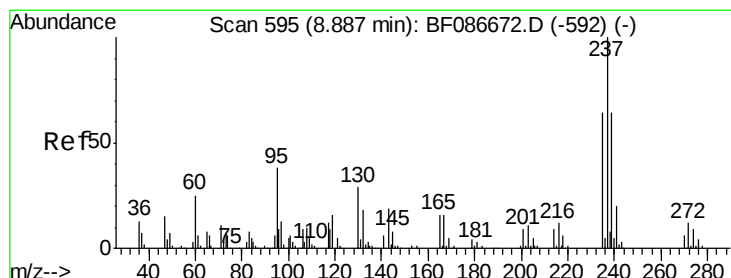
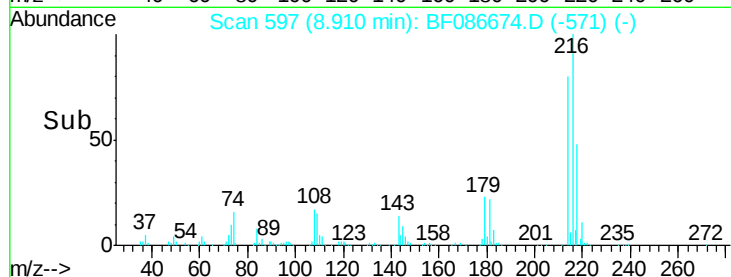
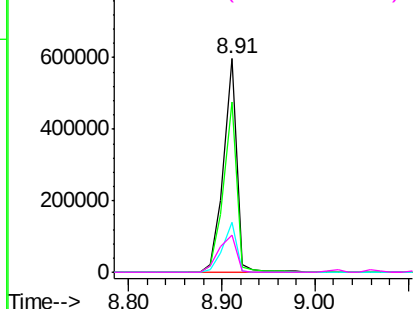
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		593826		
214	79.9	62.6	93.8		
179	24.2	18.2	27.4		
108	23.1	17.5	26.3		

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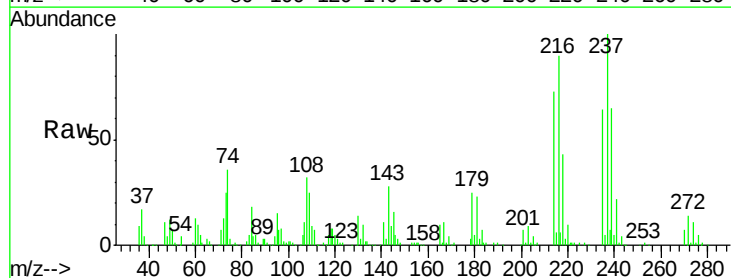


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

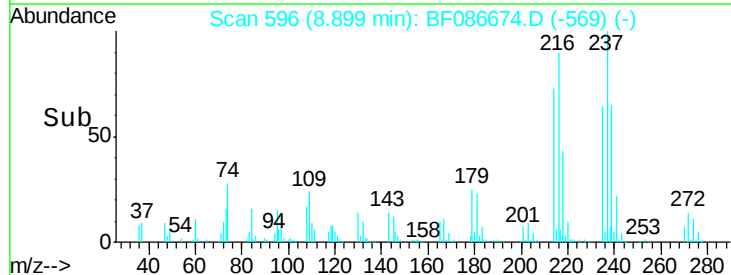
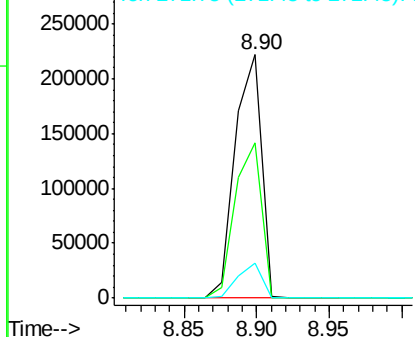


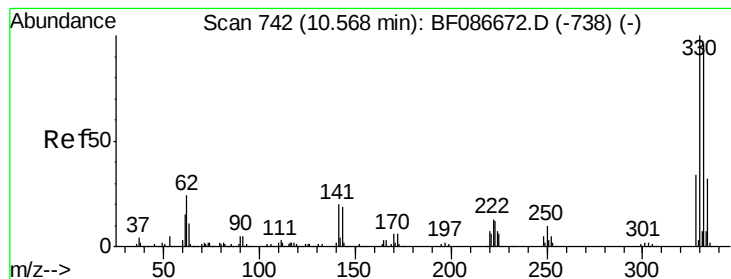
#40
 Hexachlorocyclopentadiene
 Concen: 56.92 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		281052		
235	63.6	47.2	87.2		
272	14.3	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





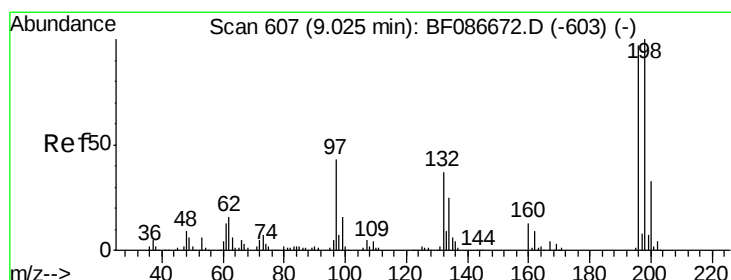
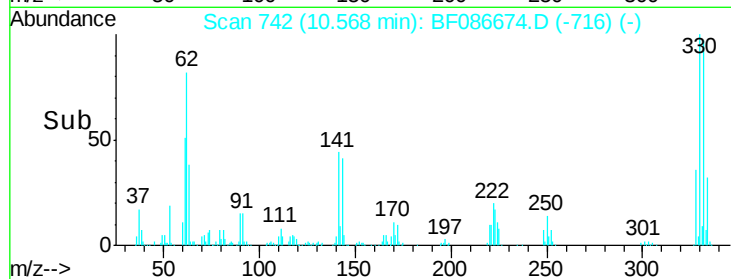
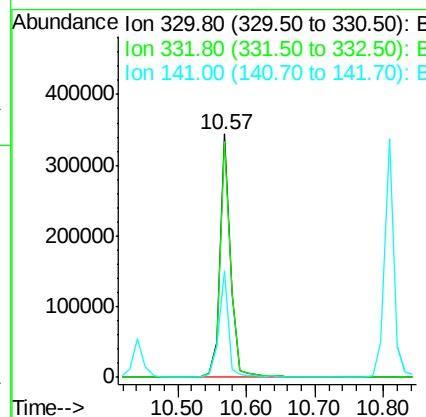
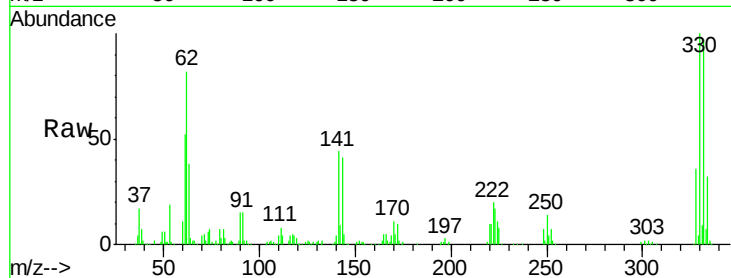
#41
 2,4,6-Tribromophenol
 Concen: 103.51 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	79.0	118.4	
141	38.8	31.2	46.8	

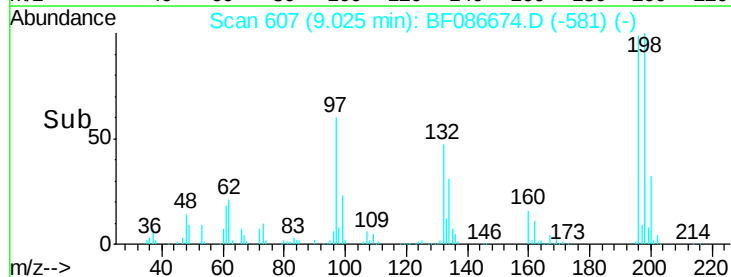
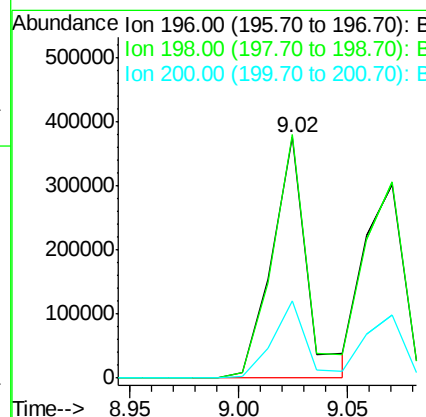
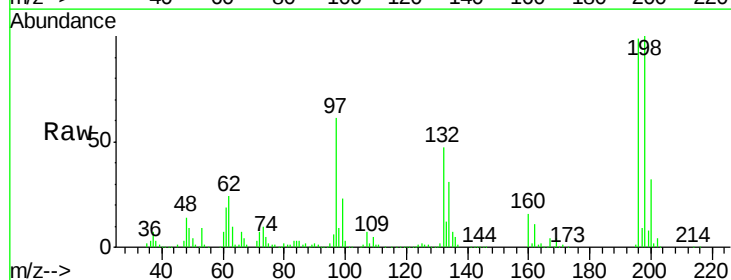
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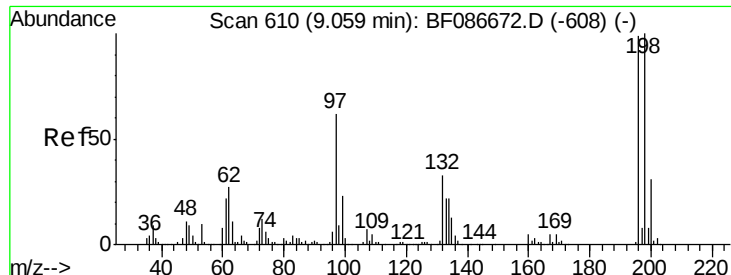
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#42
 2,4,6-Trichlorophenol
 Concen: 67.13 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.2	74.7	112.1	
200	32.2	23.8	35.6	





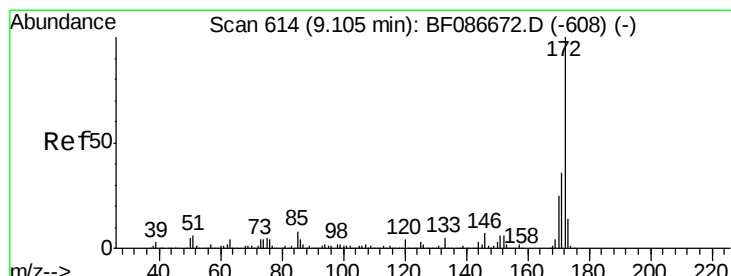
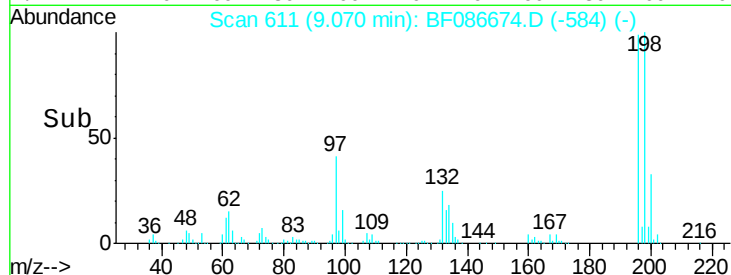
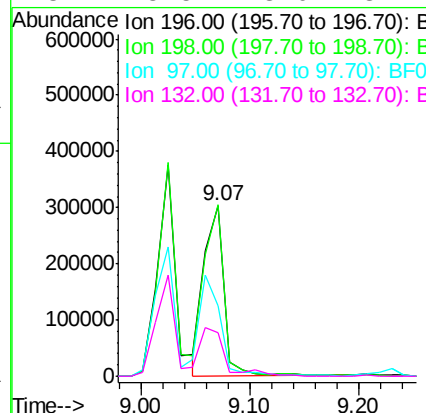
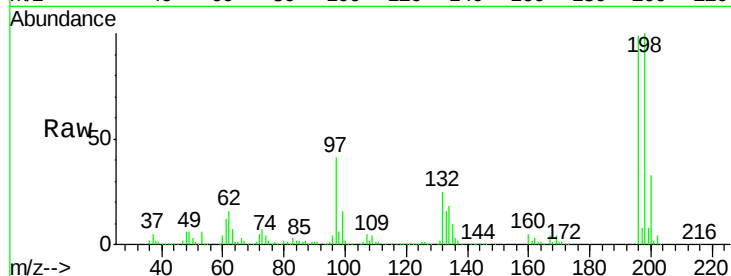
#43
2,4,5-Trichlorophenol
Concen: 57.30 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	196	Resp:	392287
Ion Ratio	Lower	Upper	
196	100		
198	100.8	77.5	116.3
97	41.1	34.8	52.2
132	25.5	23.0	34.4

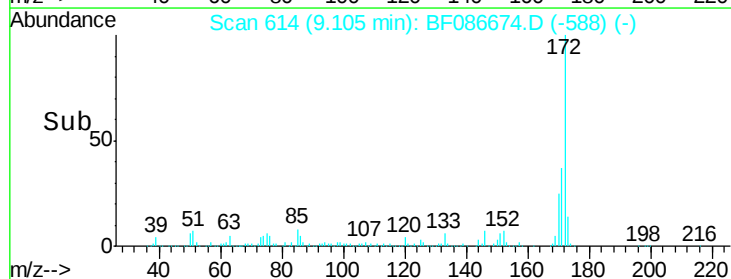
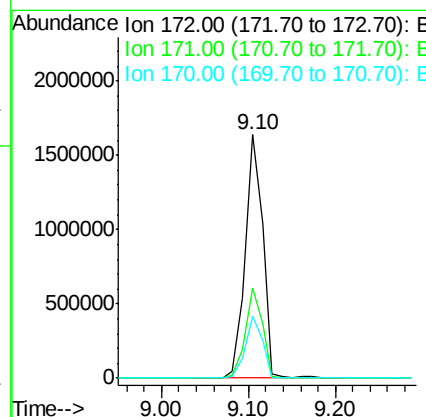
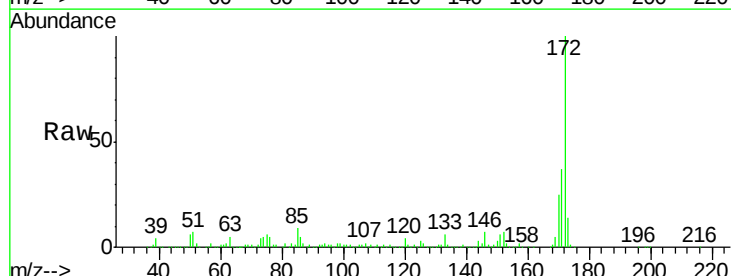
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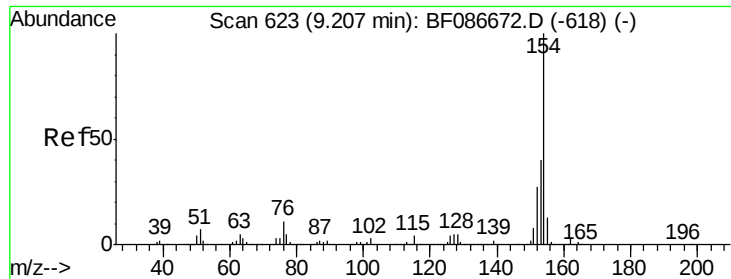
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#44
2-Fluorobiphenyl
Concen: 111.42 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:	172	Resp:	2285316
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.0	43.6
170	25.2	19.8	29.8





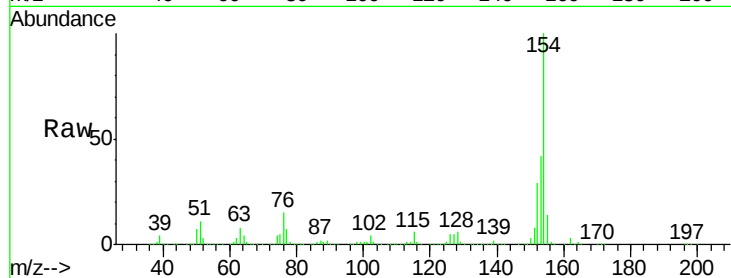
#45
 1,1'-Biphenyl
 Concen: 52.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

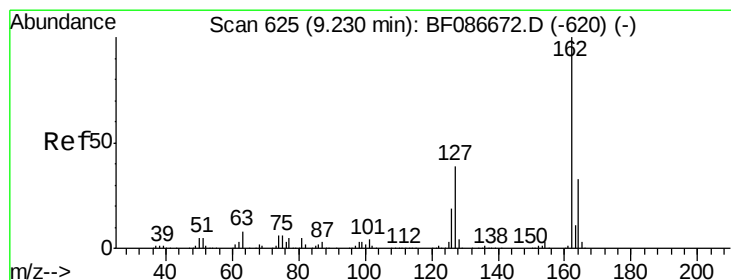
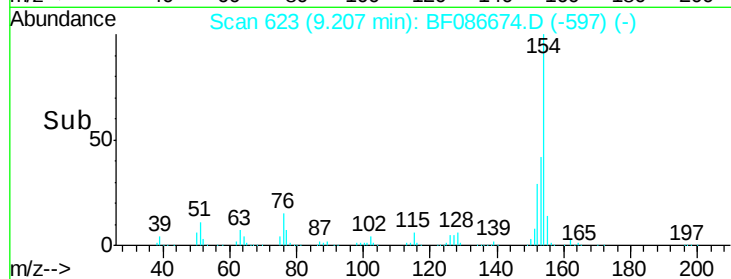
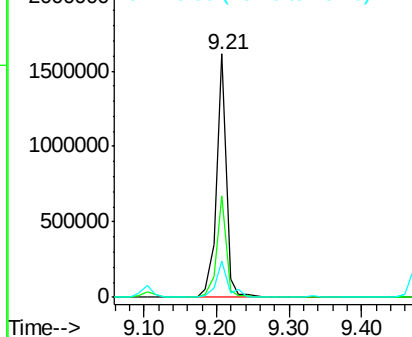
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.3	60.3
76	14.9	0.0	30.2

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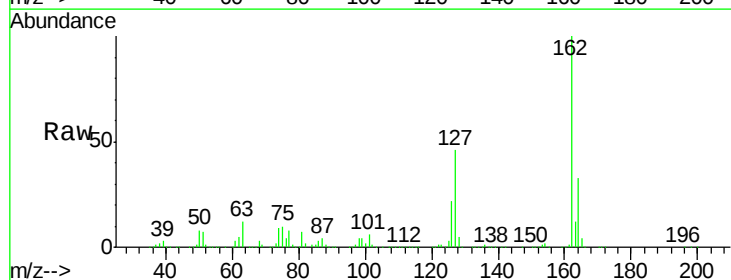


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

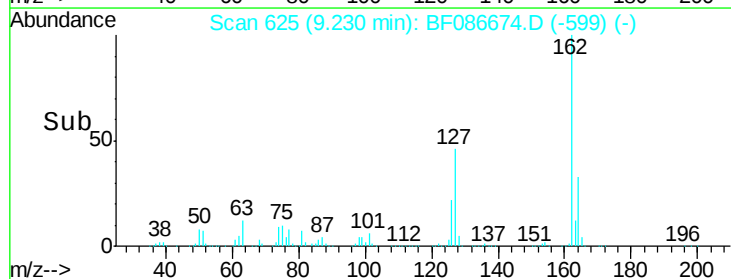
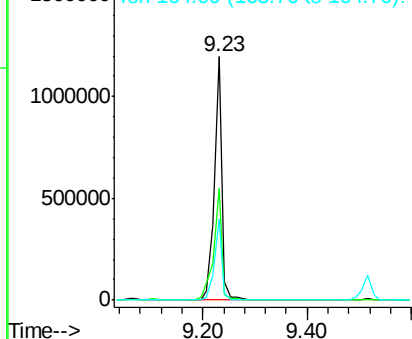


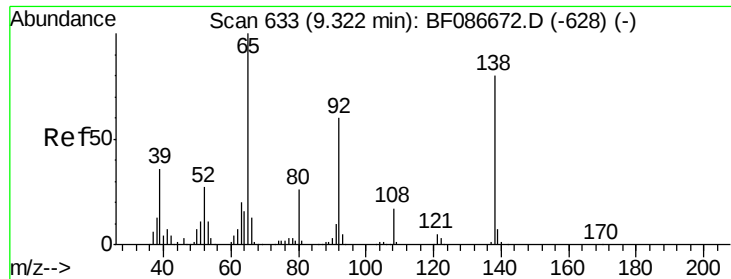
#46
 2-Chloronaphthalene
 Concen: 54.95 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

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



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





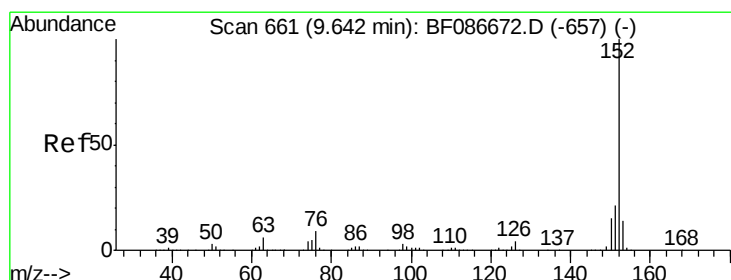
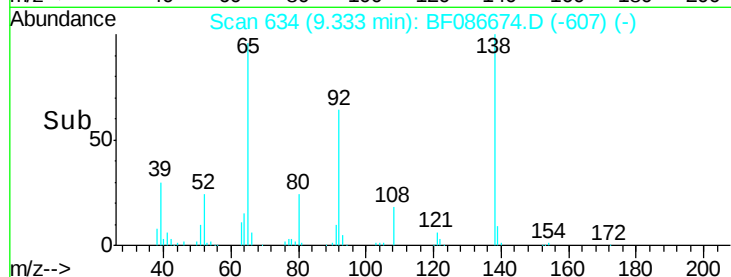
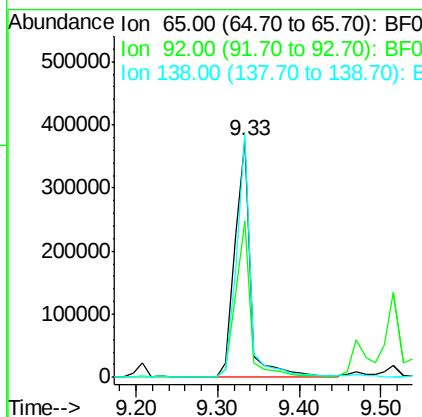
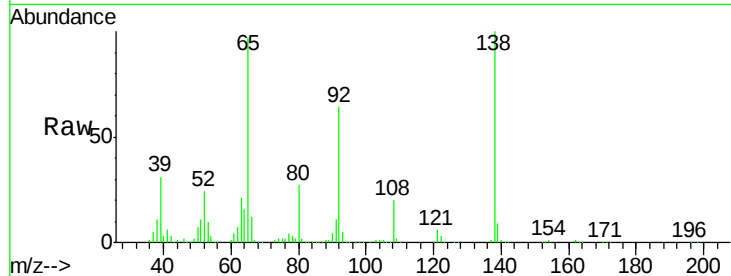
#47
2-Nitroaniline
Concen: 71.41 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	57.4	86.2
138	103.2	90.1	135.1

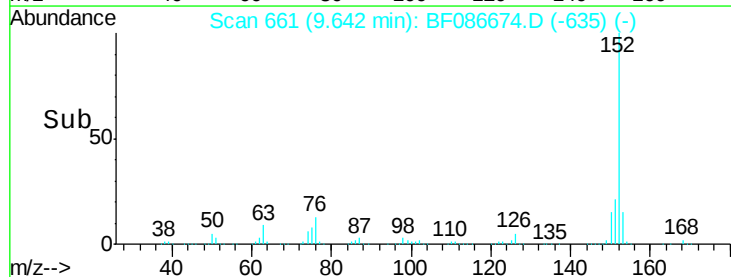
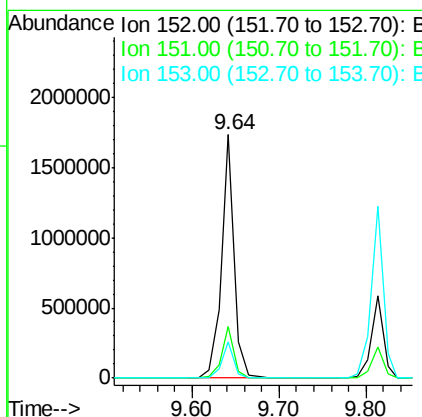
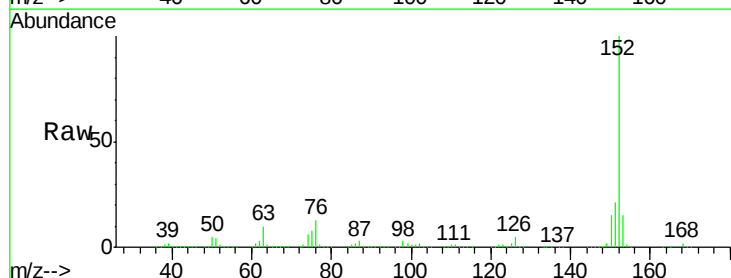
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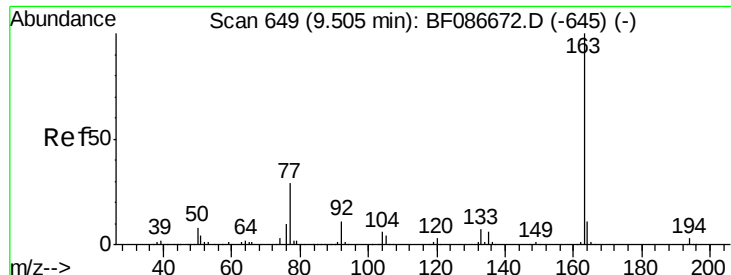
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#48
Acenaphthylene
Concen: 51.26 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.7	10.9	16.3





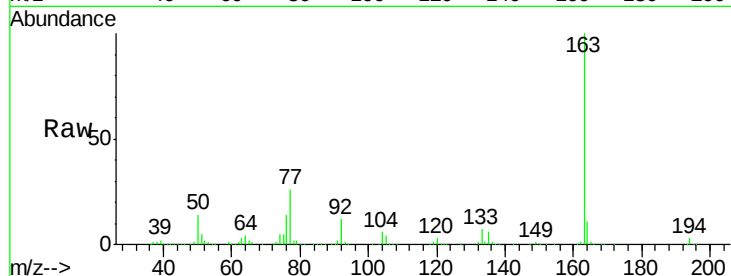
#49
Dimethylphthalate
Concen: 54.11 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

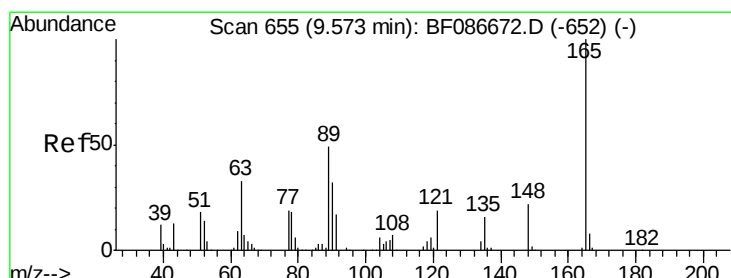
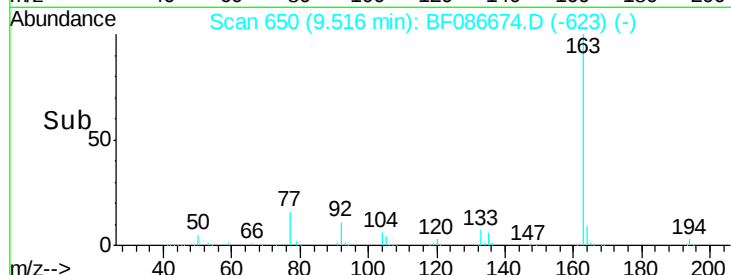
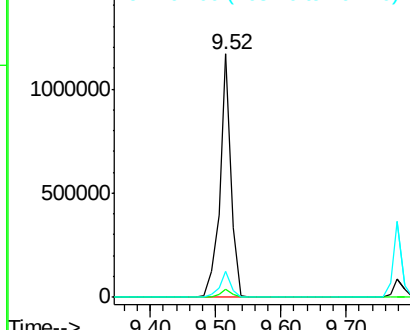
Tot Ion:163 Resp: 1414090
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.2 12.4

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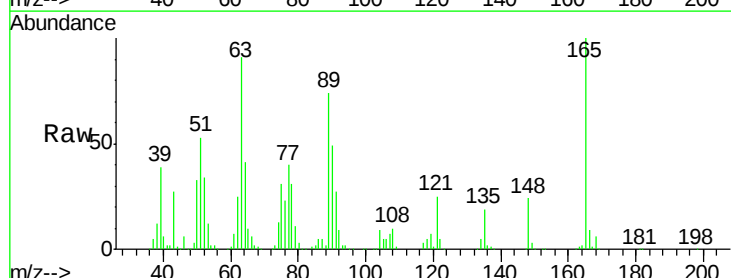


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

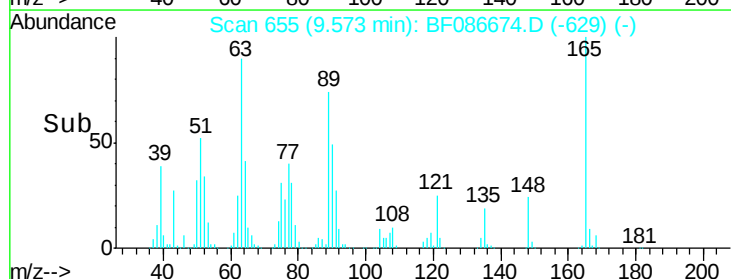
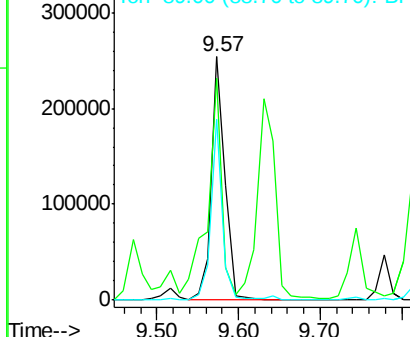


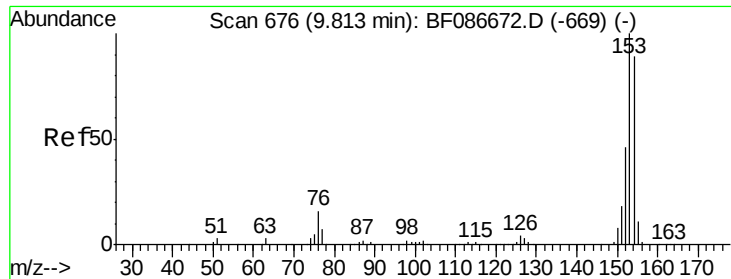
#50
2,6-Dinitrotoluene
Concen: 55.68 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:165 Resp: 300601
Ion Ratio Lower Upper
165 100
63 90.9 51.8 77.8#
89 74.4 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.05 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1152858

Ion Ratio Lower Upper

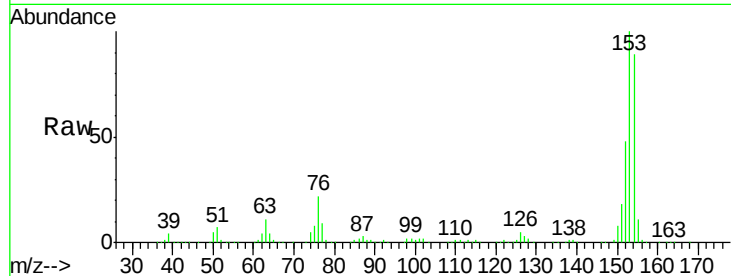
154 100

153 111.7 89.8 134.6

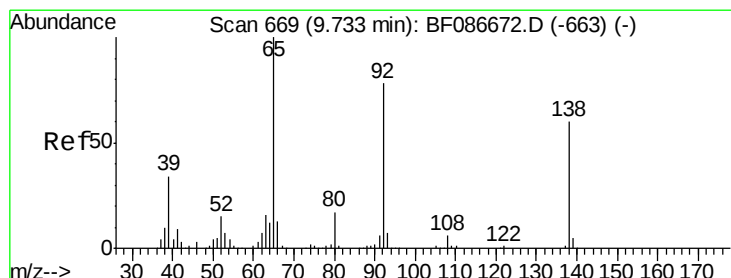
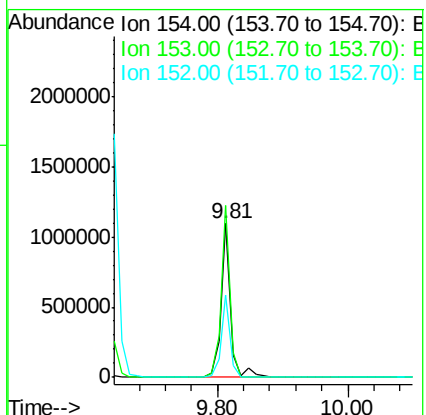
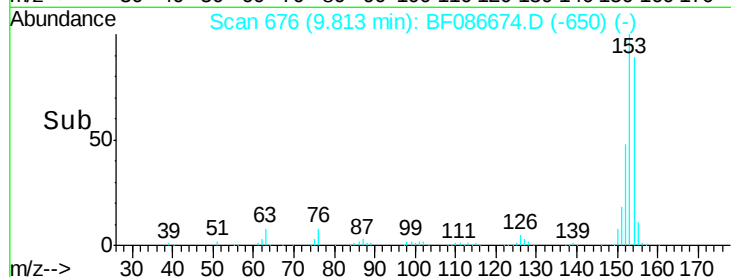
152 53.4 43.4 65.0

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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: 58.81 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

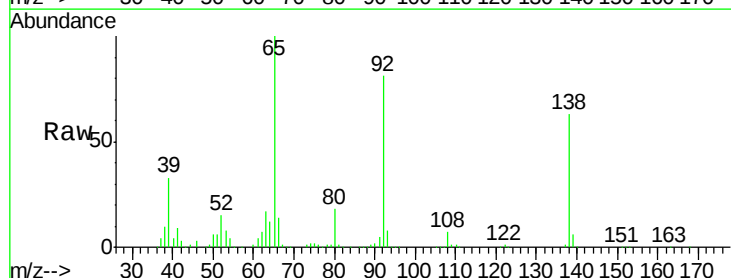
Tgt Ion:138 Resp: 361107

Ion Ratio Lower Upper

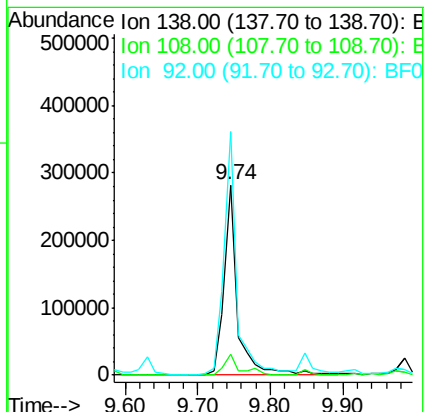
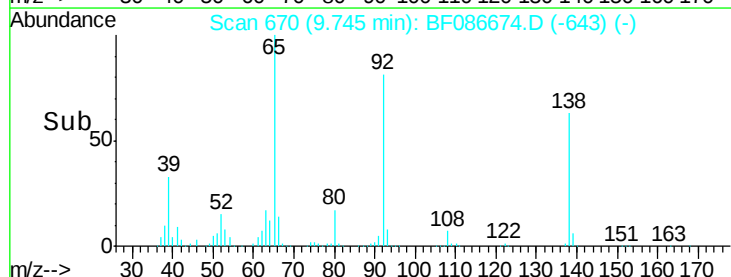
138 100

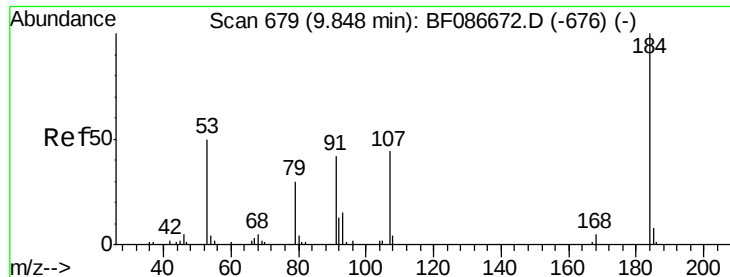
108 11.2 7.8 11.6

92 127.8 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





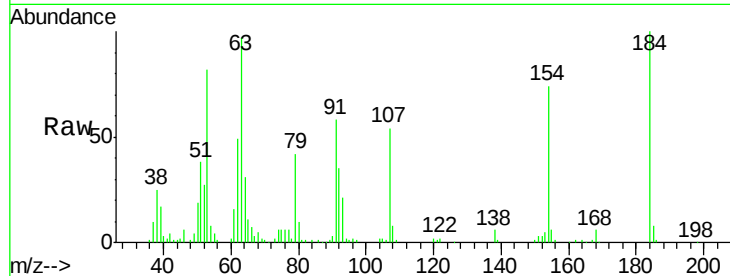
#53
 2,4-Dinitrophenol
 Concen: 49.89 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

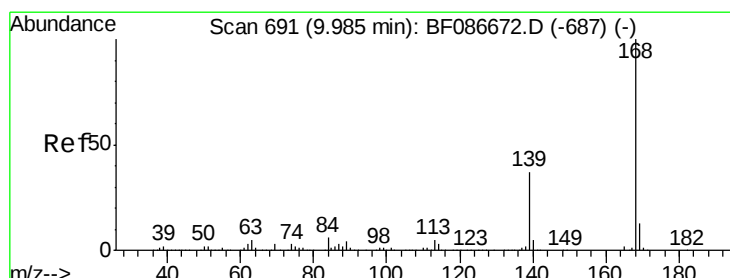
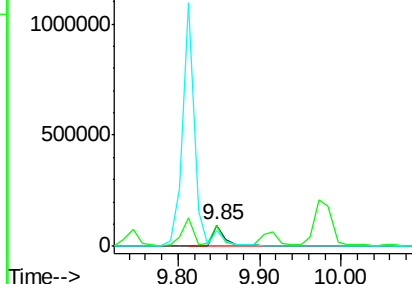
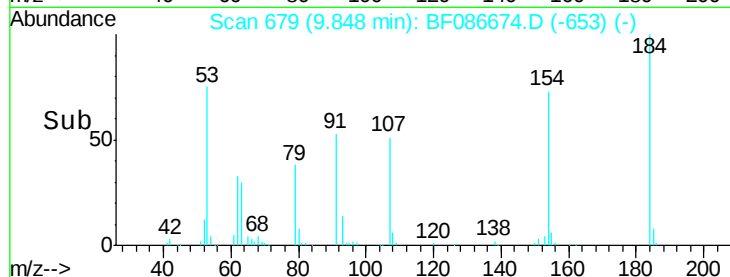
Tot Ion	Ratio	Resp	Lower	Upper
184	100	120473		
63	97.0	55.8	83.8#	
154	74.3	62.4	93.6	

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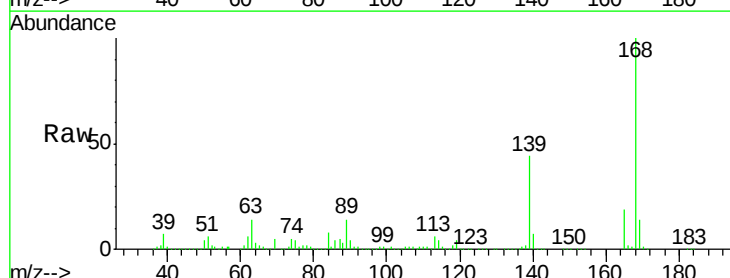


Abundance Ion 184.00 (183.70 to 184.70): E
 1500000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

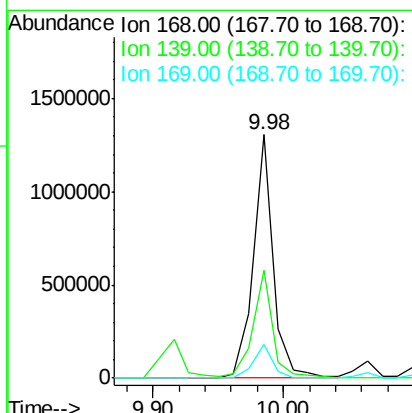
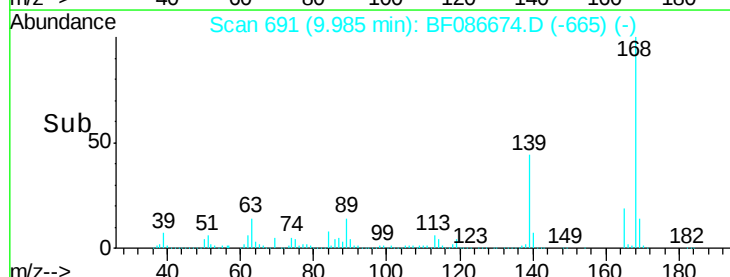


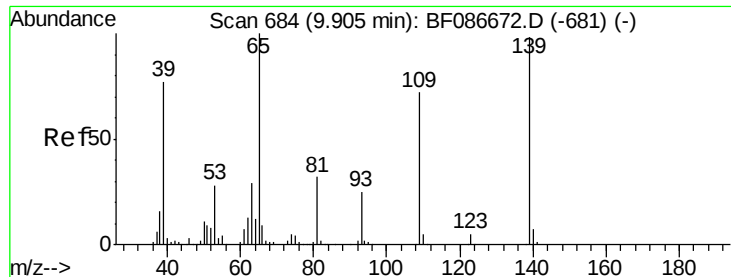
#54
 Dibenzofuran
 Concen: 50.20 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1389588		
139	44.1	31.4	47.0	
169	14.0	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
 1500000
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





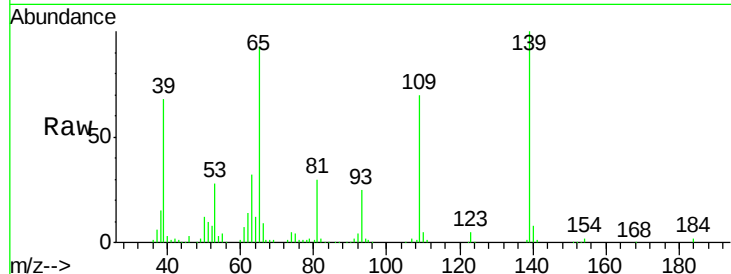
#55
4-Nitrophenol
Concen: 64.17 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

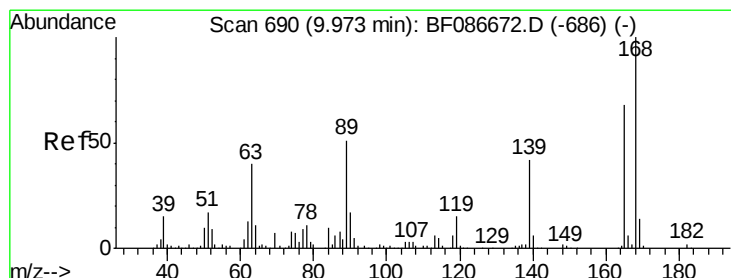
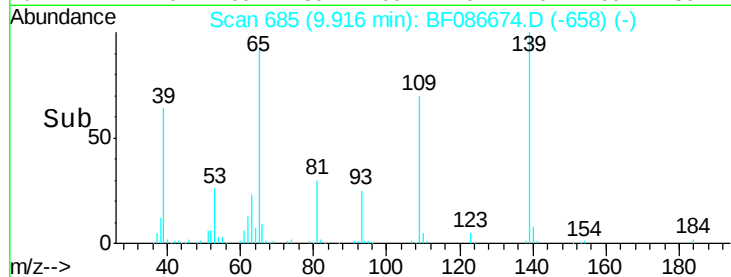
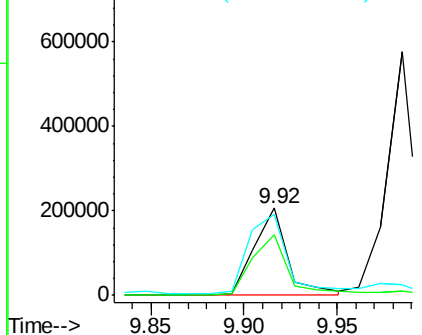
Tot Ion	Ratio	Resp	Lower	Upper
139	100	257972		
109	70.3	36.9	76.9	
65	93.3	64.0	104.0	

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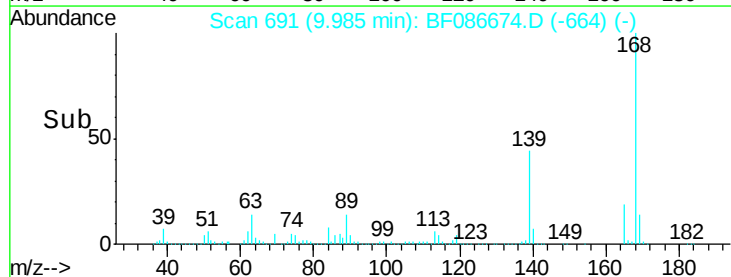
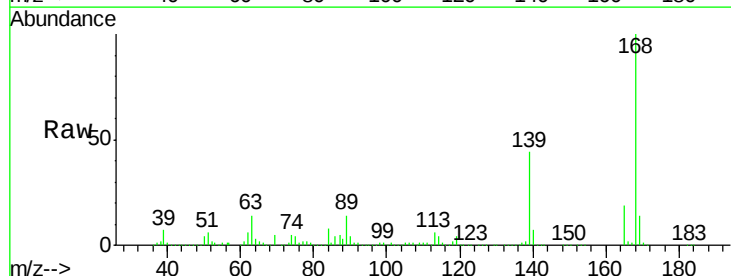
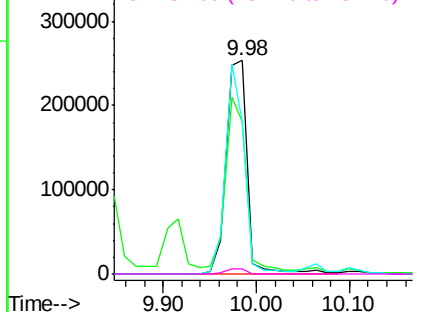
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

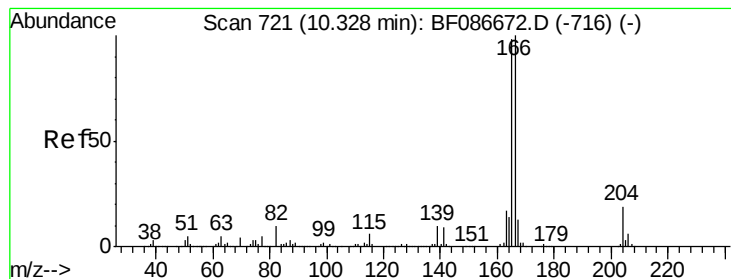


#56
2,4-Dinitrotoluene
Concen: 58.30 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	401234		
63	71.5	44.3	66.5	
89	71.2	70.0	105.0	
182	2.4	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.93 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1151964

Ion Ratio Lower Upper

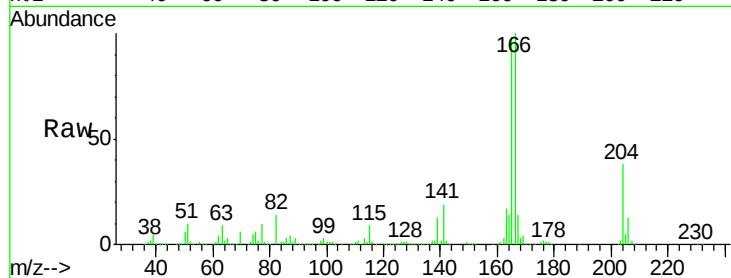
166 100

165 98.3 79.0 118.6

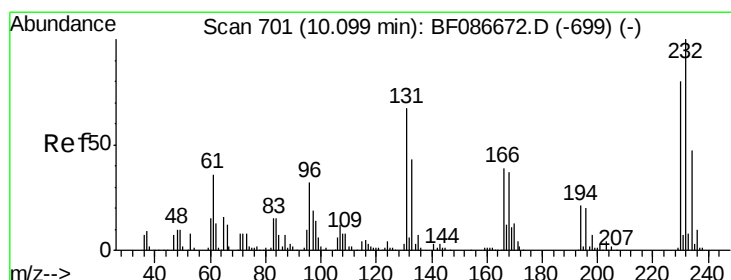
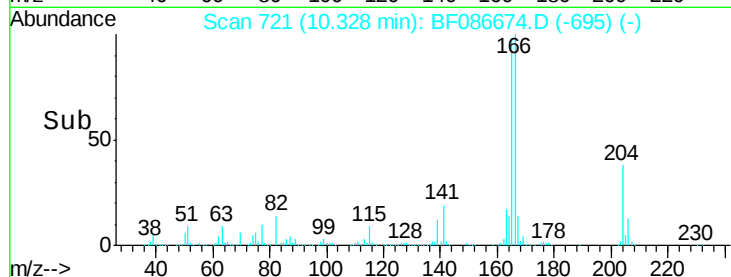
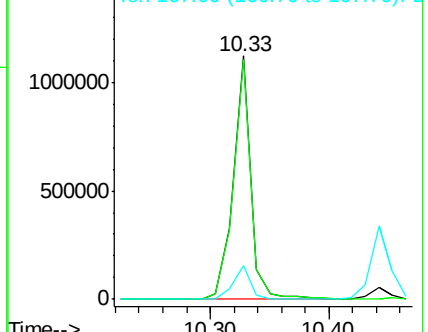
167 14.0 10.6 15.8

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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: 57.46 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:232 Resp: 307530

Ion Ratio Lower Upper

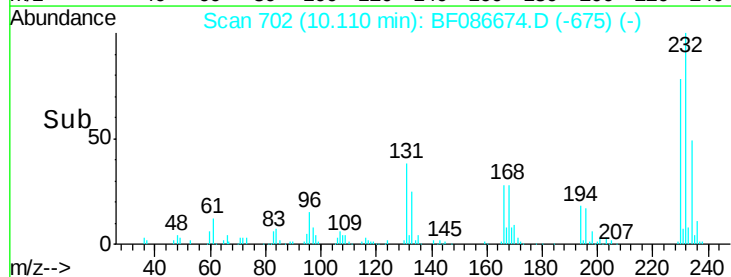
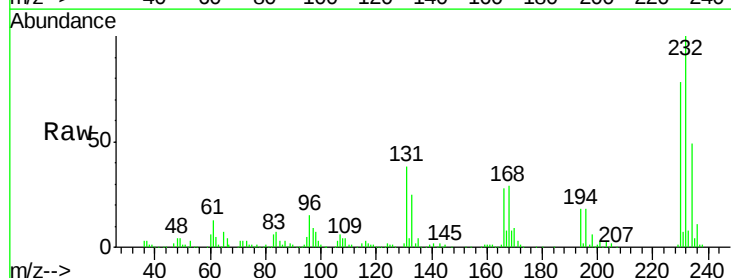
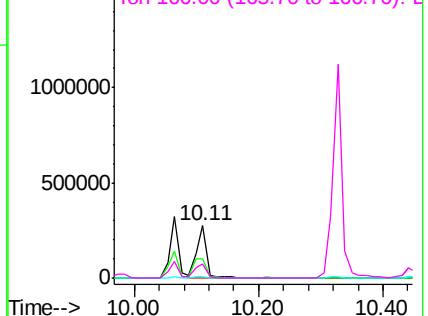
232 100

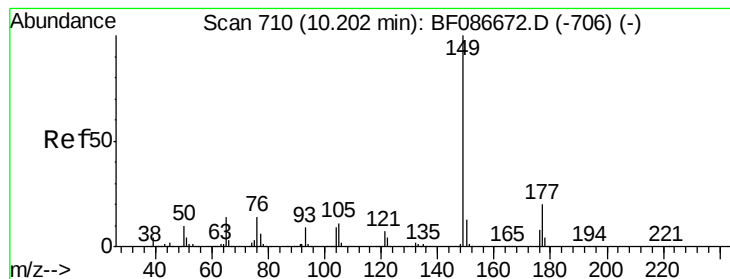
131 52.2 41.9 62.9

130 2.4 2.2 3.4

166 32.4 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: 56.32 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1393280

Ion Ratio Lower Upper

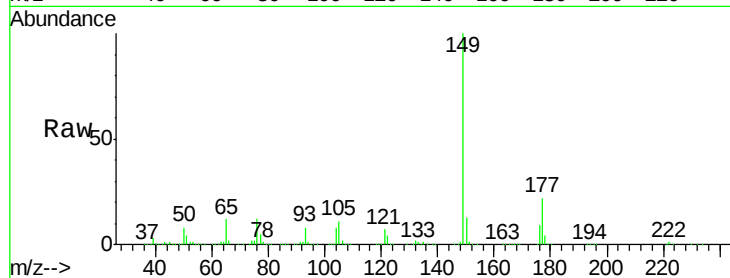
149 100

177 22.5 16.6 24.8

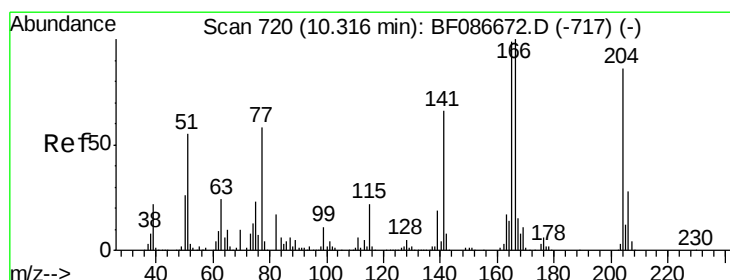
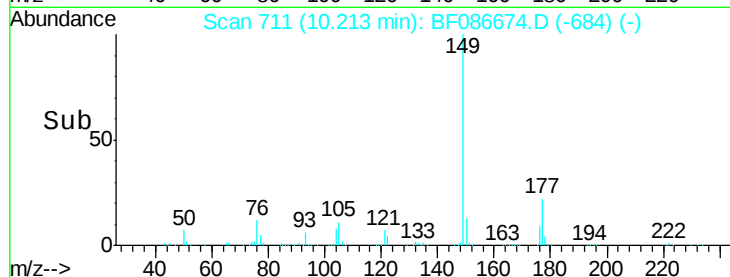
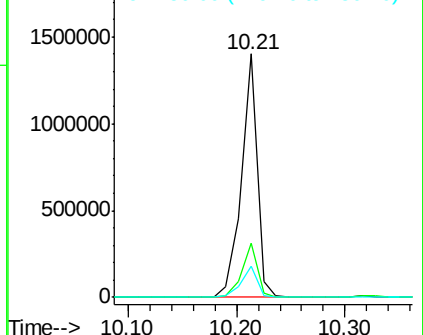
150 13.0 10.0 15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 51.80 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

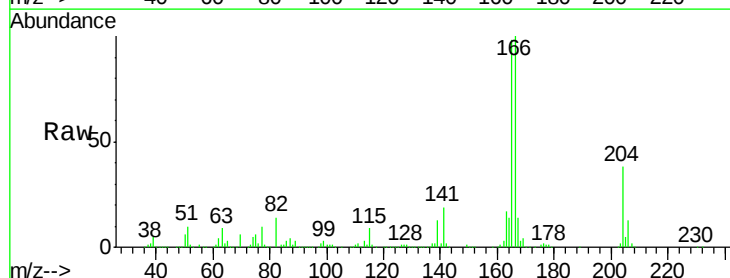
Tgt Ion:204 Resp: 565213

Ion Ratio Lower Upper

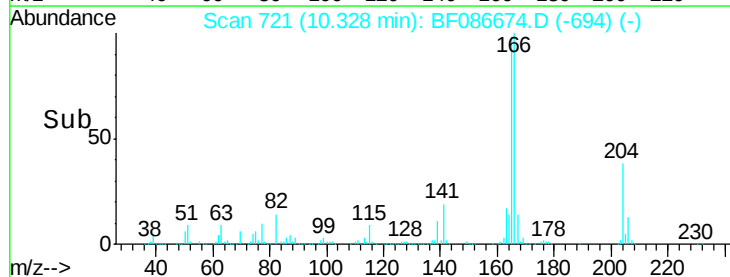
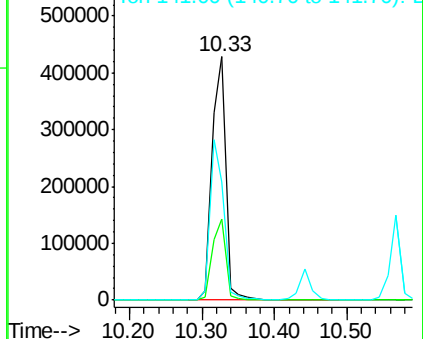
204 100

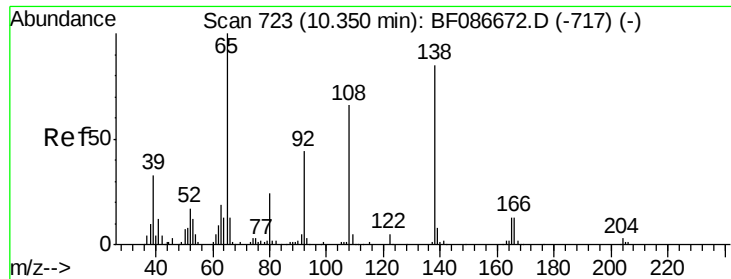
206 33.4 25.4 38.0

141 48.6 61.6 92.4#



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





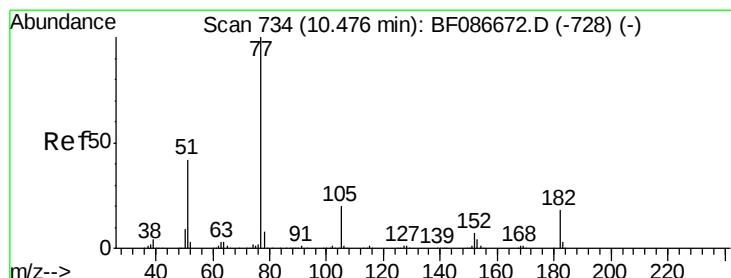
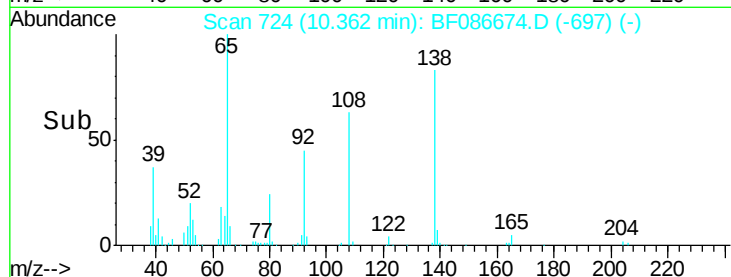
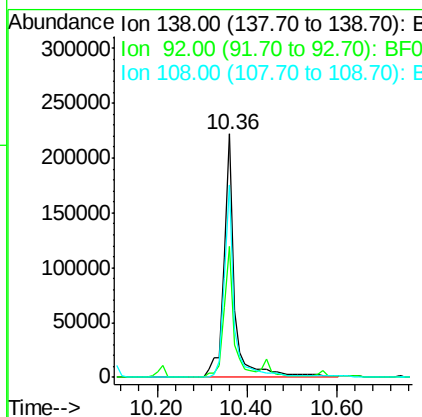
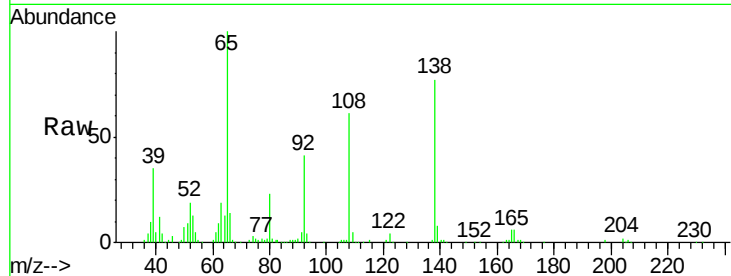
#61
4-Nitroaniline
Concen: 61.61 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	24.7	64.7
108	79.3	37.4	77.4

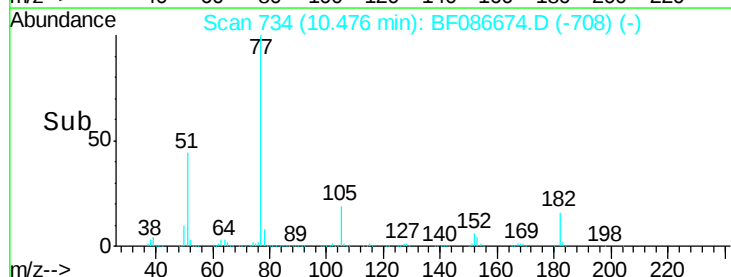
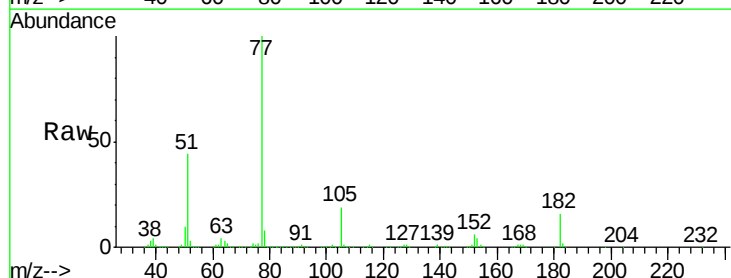
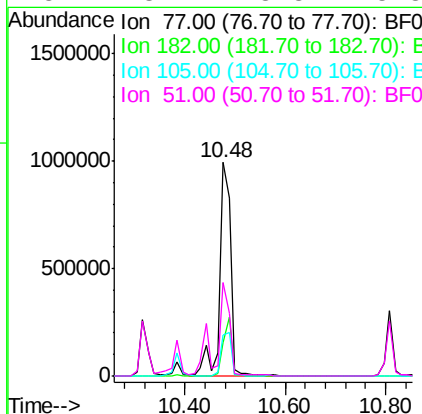
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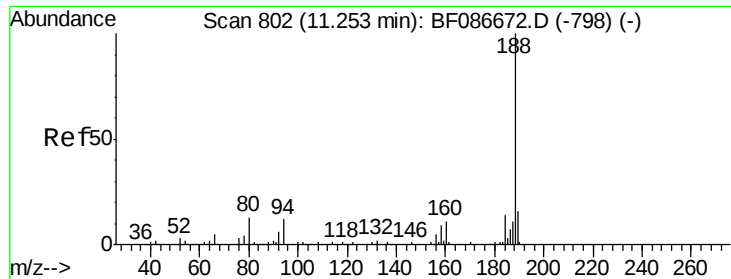
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#62
Azobenzene
Concen: 56.27 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.7	0.0	38.8
105	19.4	3.2	43.2
51	43.7	8.8	48.8





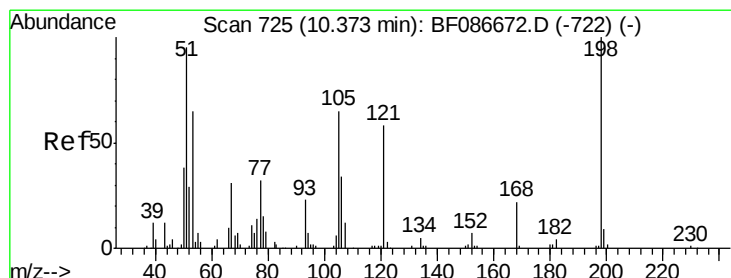
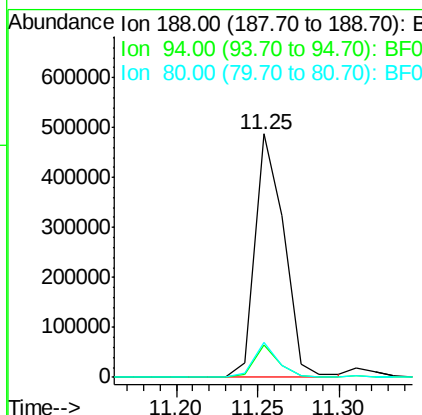
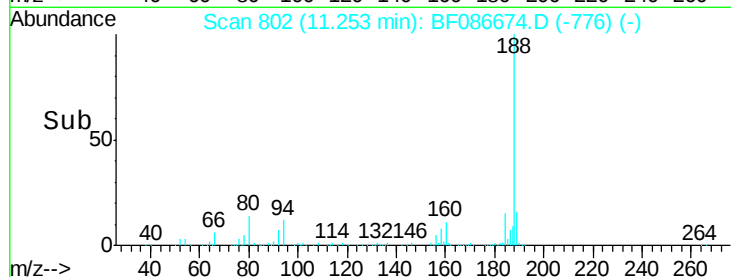
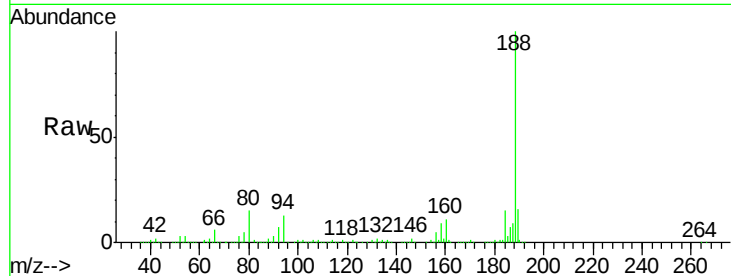
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.2	6.8	10.2#
80	14.6	7.1	10.7#

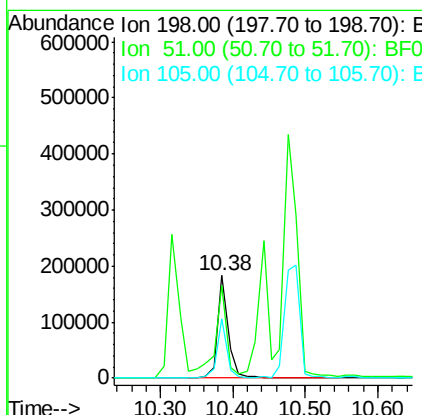
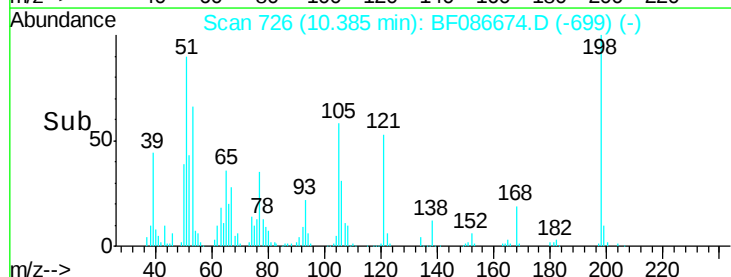
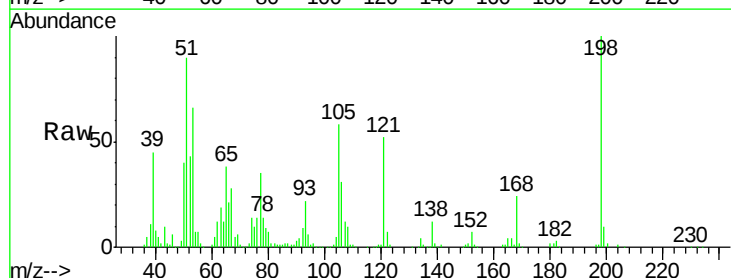
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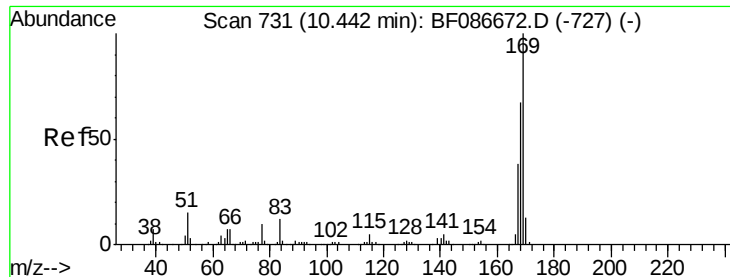
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.62 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	89.8	20.5	60.5#
105	57.6	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 54.58 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:169 Resp: 1033026

Ion Ratio Lower Upper

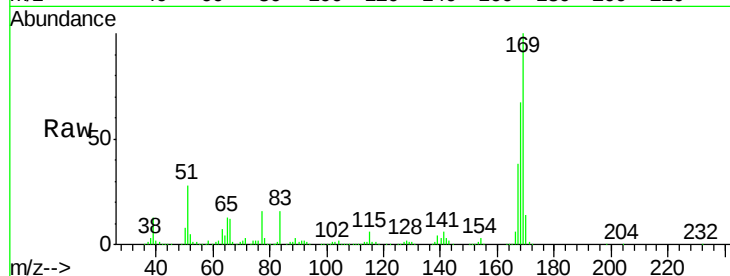
169 100

168 67.4 53.8 80.6

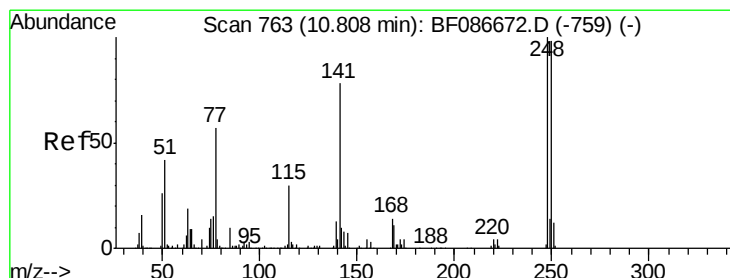
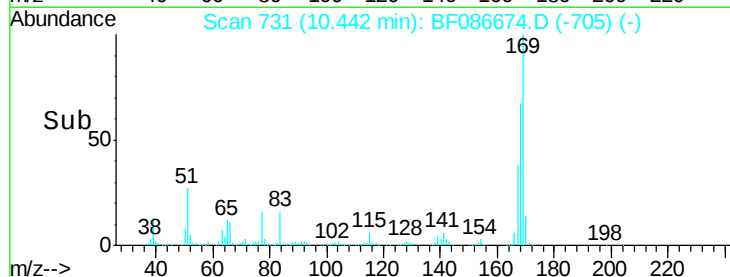
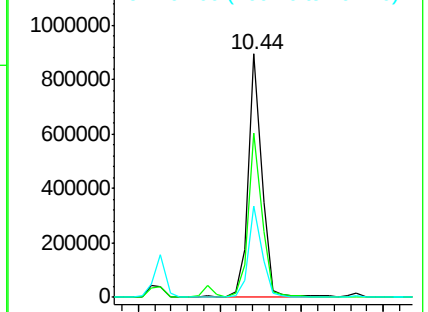
167 37.6 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 53.25 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

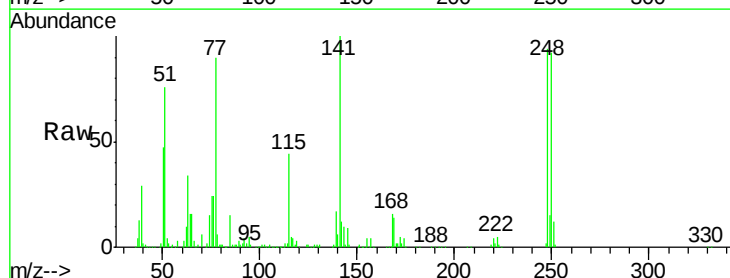
Tgt Ion:248 Resp: 332278

Ion Ratio Lower Upper

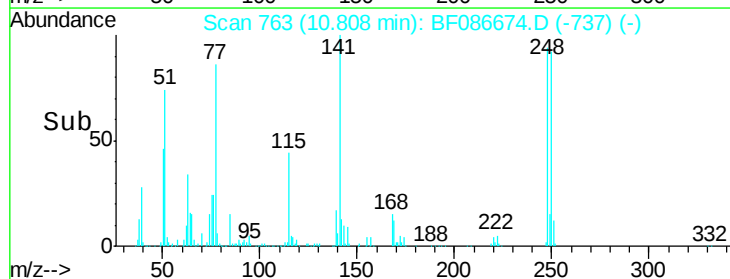
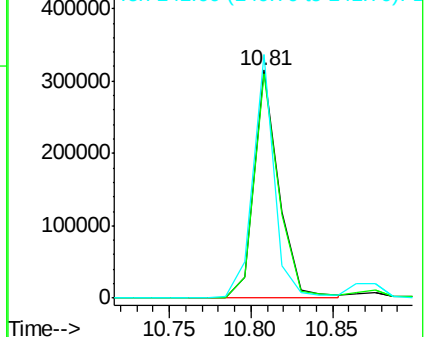
248 100

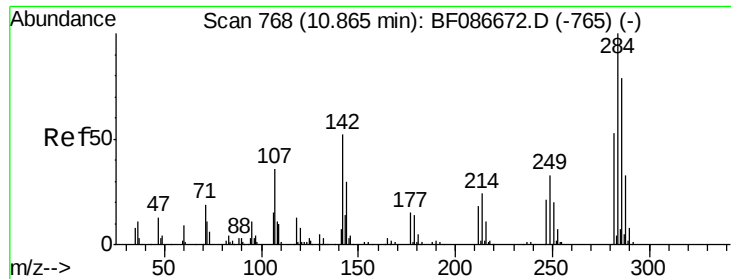
250 98.7 78.6 117.8

141 106.9 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: 61.82 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

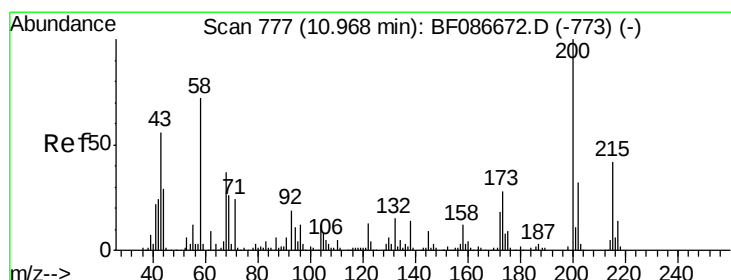
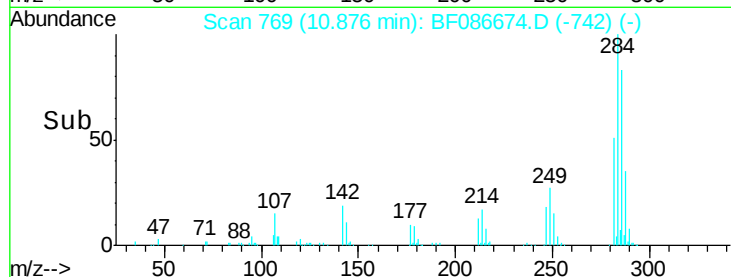
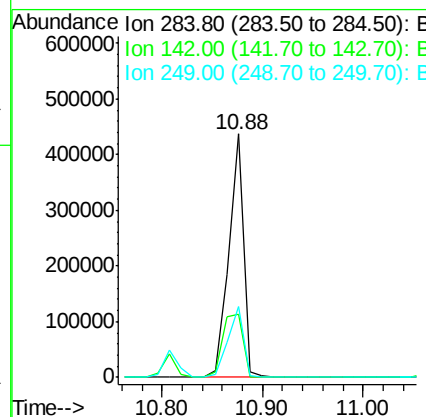
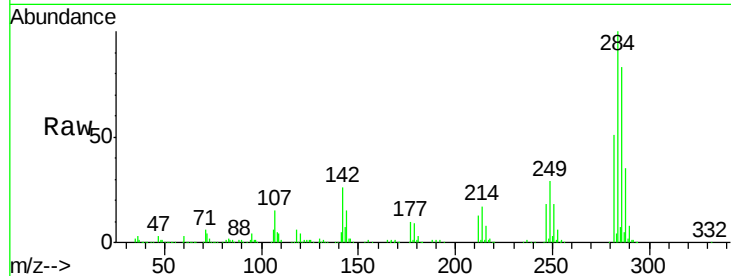
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	446529		
142	25.9	16.7	25.1#	
249	29.2	21.3	31.9	

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#68

Atrazine

Concen: 63.08 ng

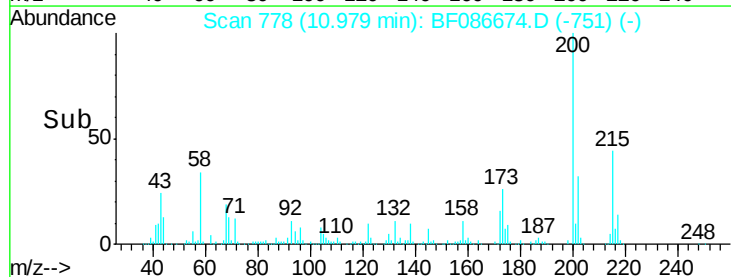
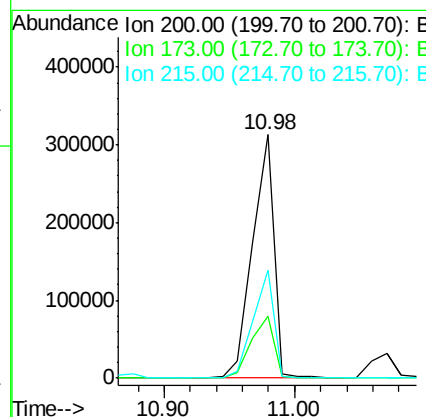
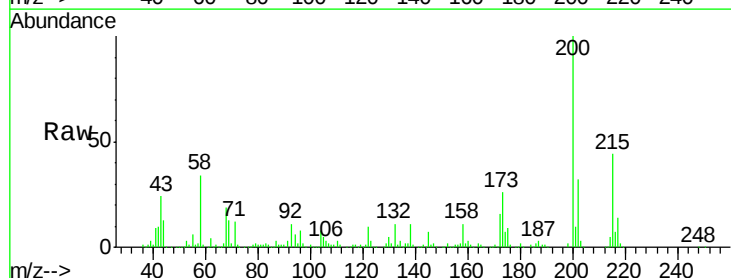
RT: 10.98 min Scan# 778

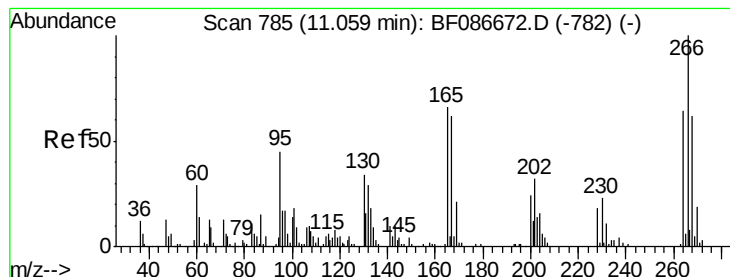
Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	358488		
173	25.6	8.5	48.5	
215	44.3	27.2	67.2	





#69

Pentachlorophenol

Concen: 57.02 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

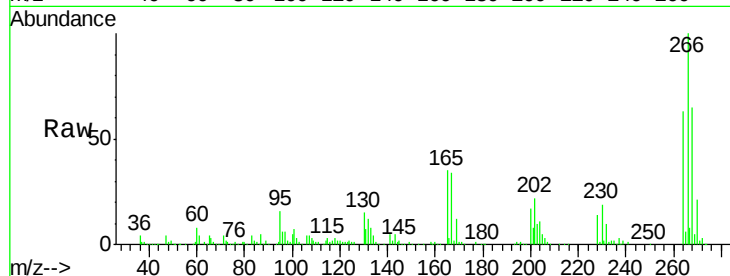
ClientSampleId :

SSTDICC060

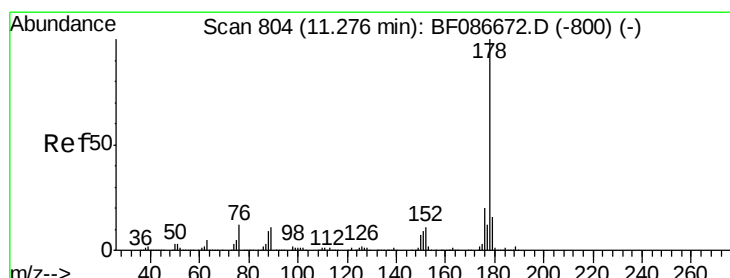
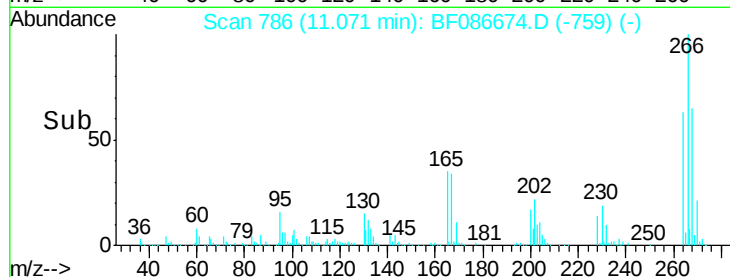
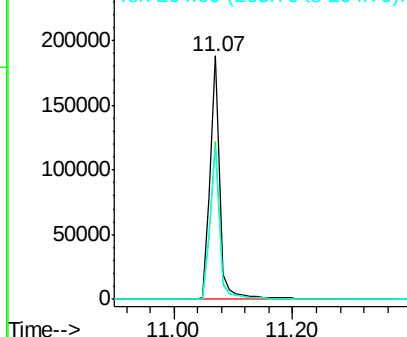
Tot Ion:	266	Resp:	217146
Ion Ratio	Lower	Upper	
266	100		
268	64.6	51.5	77.3
264	62.8	52.9	79.3

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



#70

Phenanthrene

Concen: 59.65 ng

RT: 11.29 min Scan# 805

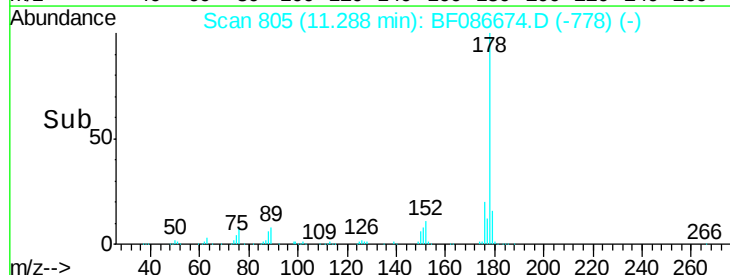
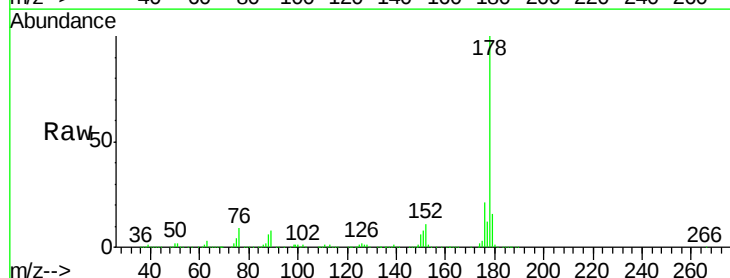
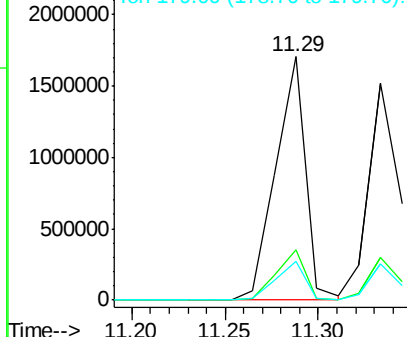
Delta R.T. 0.01 min

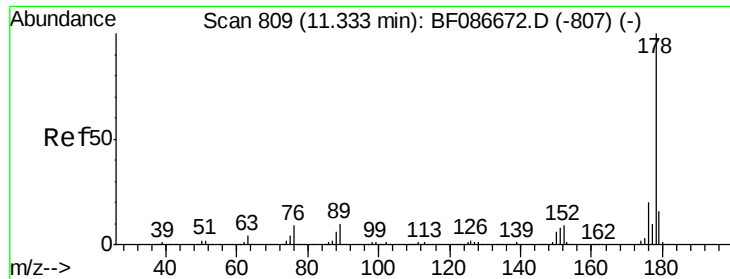
Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:	178	Resp:	1895695
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.0	24.0
179	15.9	12.6	18.8

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





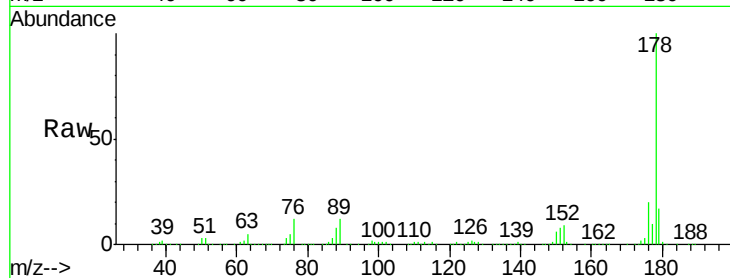
#71
 Anthracene
 Concen: 53.63 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

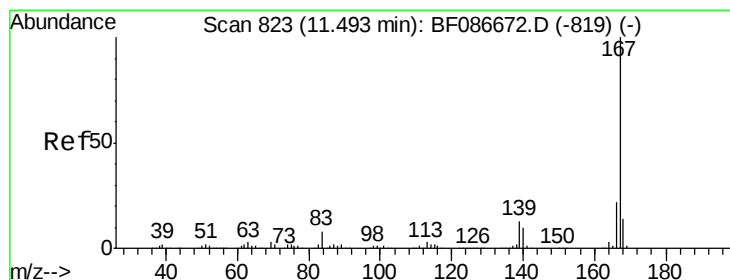
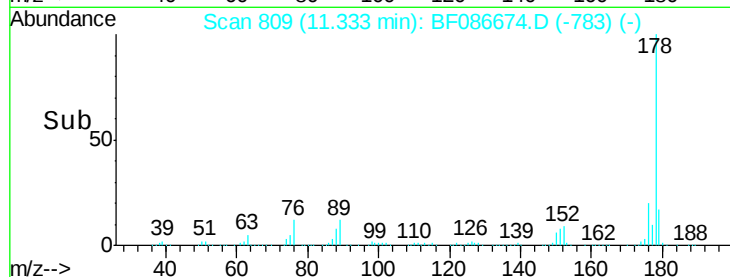
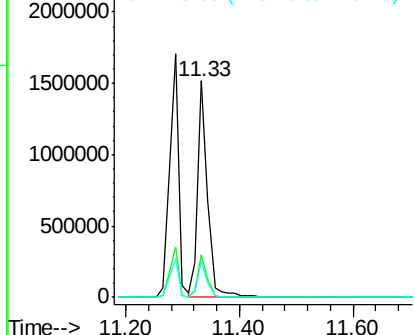
Tot Ion:178 Resp: 1818909
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 16.5 12.7 19.1

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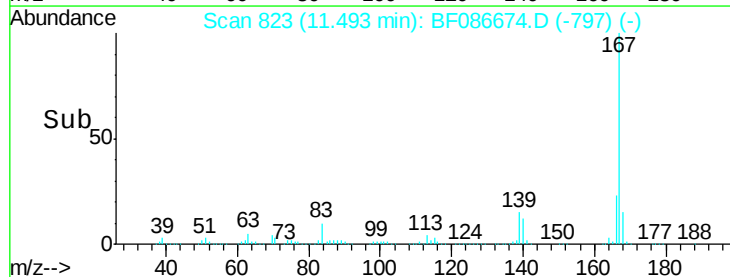
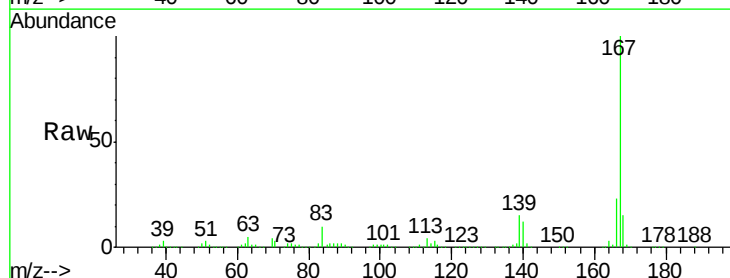
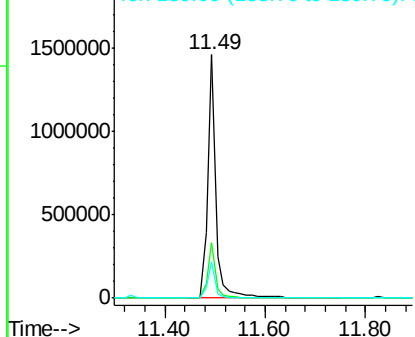
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

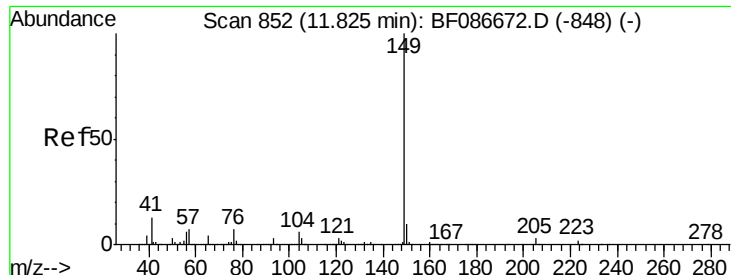


#72
 Carbazole
 Concen: 55.16 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:167 Resp: 1657912
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 15.0 10.8 16.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.77 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1967338

Ion Ratio Lower Upper

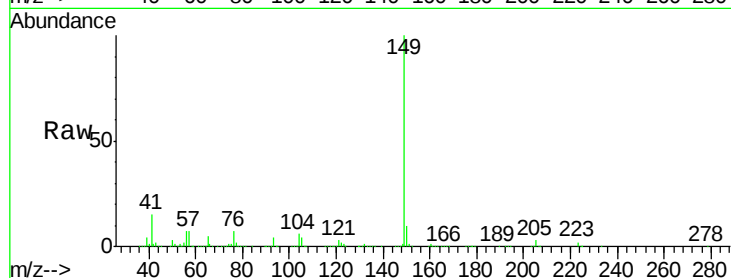
149 100

150 9.9 7.6 11.4

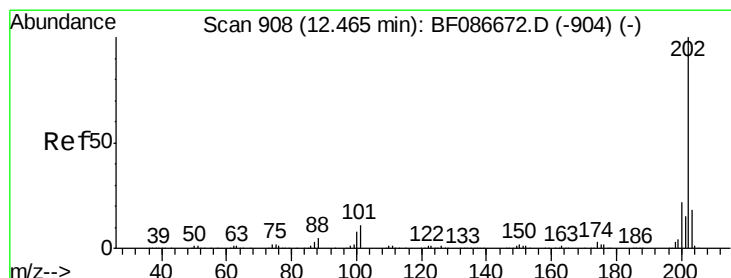
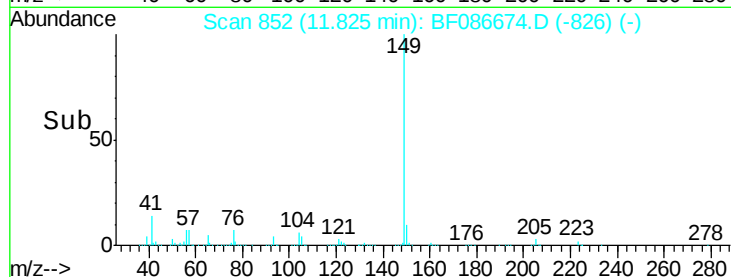
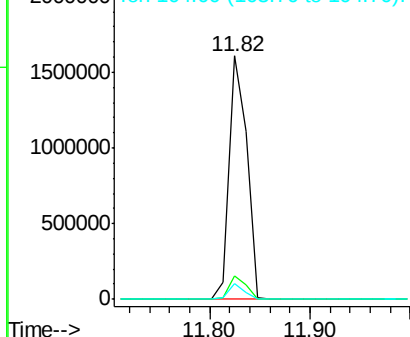
104 6.4 3.8 5.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.04 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

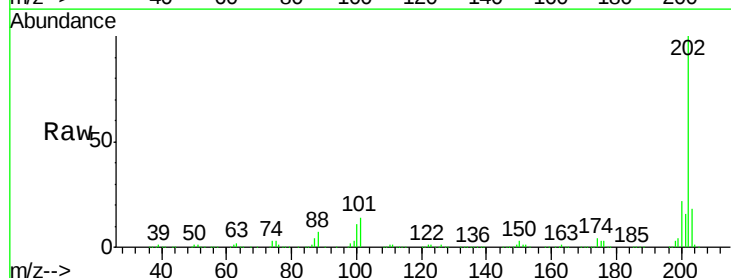
Tgt Ion:202 Resp: 1701404

Ion Ratio Lower Upper

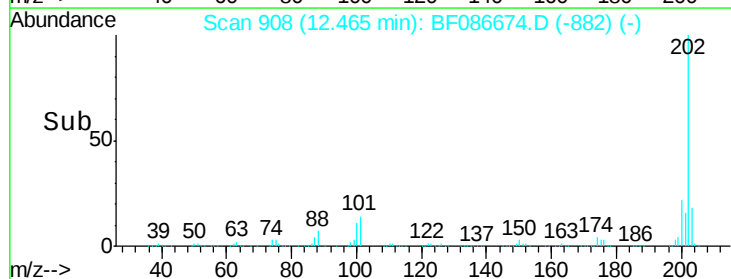
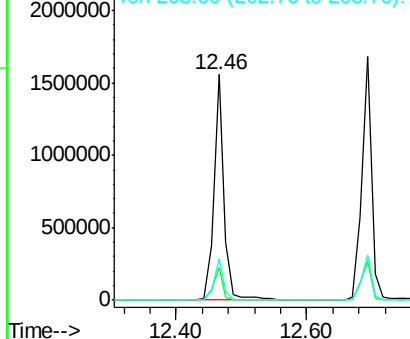
202 100

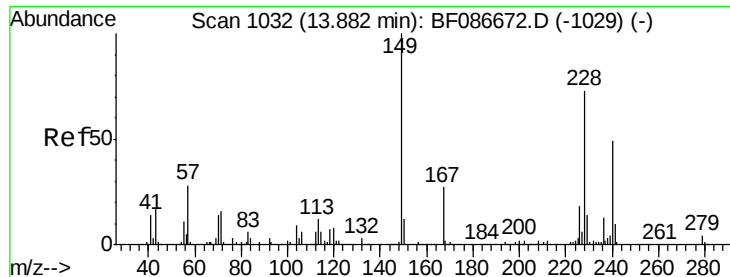
101 14.2 0.0 35.4

203 18.4 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





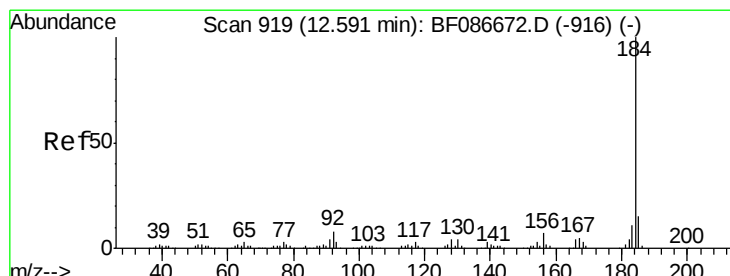
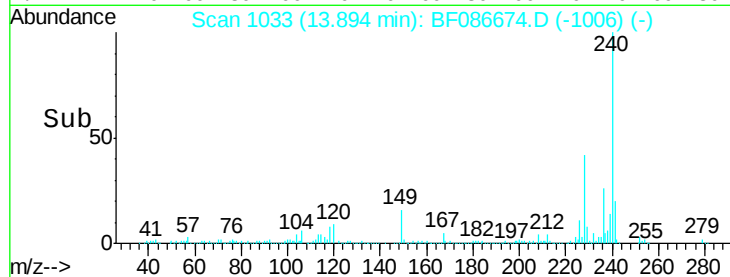
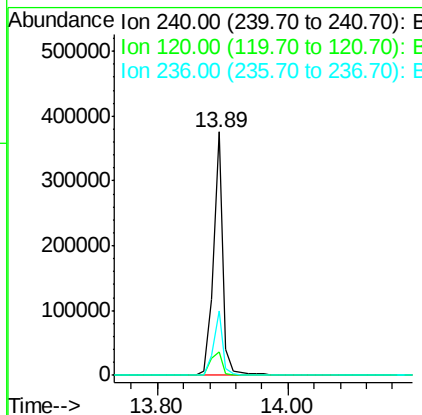
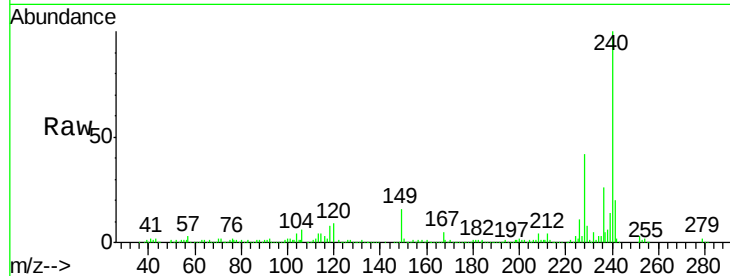
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	240	Resp:	388719
Ion Ratio		Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	26.3	21.2	31.8

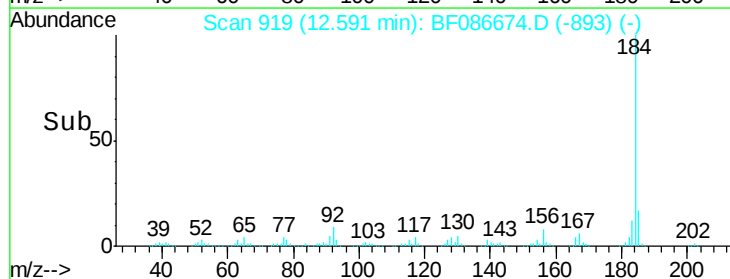
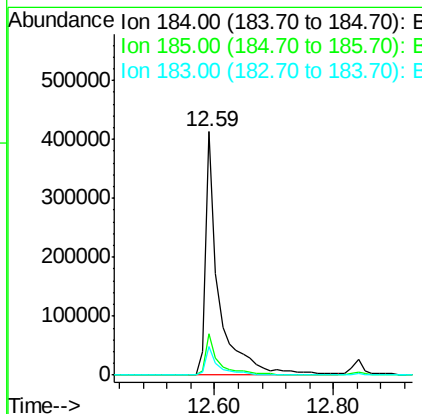
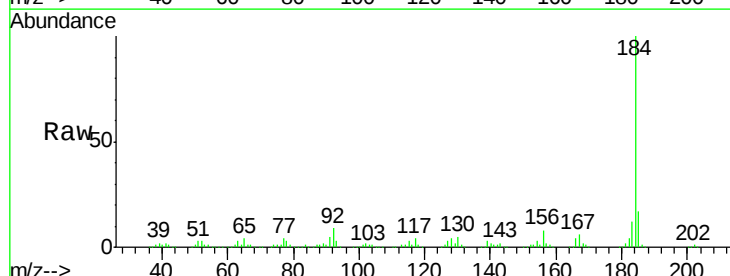
Manual Integrations
 APPROVED

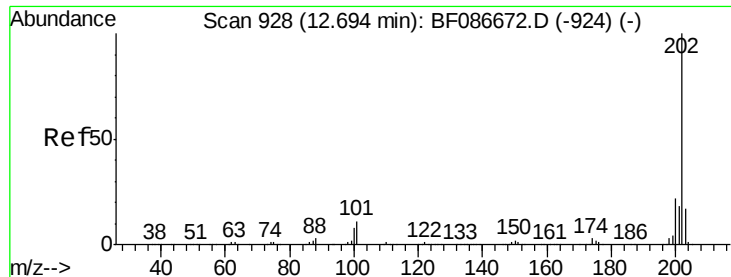
sohil
 5/5/2016 3:18:45 PM



#76
 Benzidine
 Concen: 48.94 ng
 RT: 12.59 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:	184	Resp:	653729
Ion Ratio		Lower	Upper
184	100		
185	17.2	13.6	20.4
183	11.6	9.8	14.6





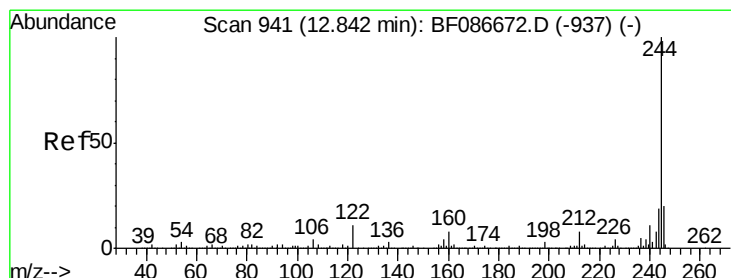
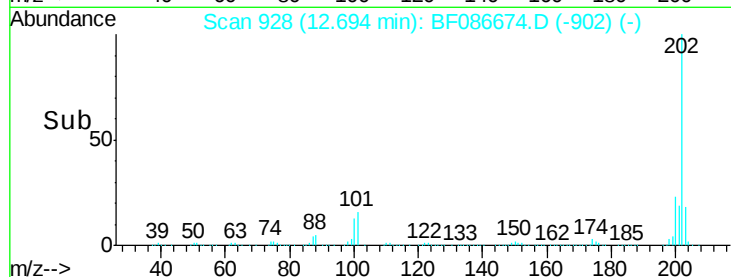
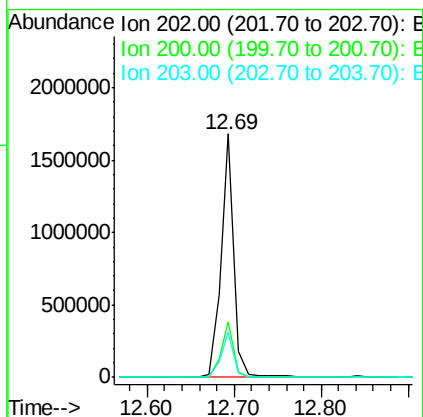
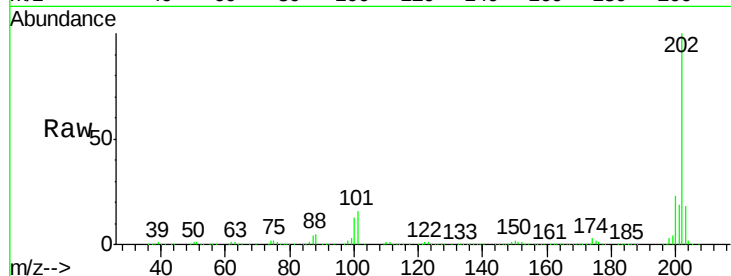
#77
Pvrene
Concen: 61.65 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.7	26.5
203	18.4	14.2	21.4

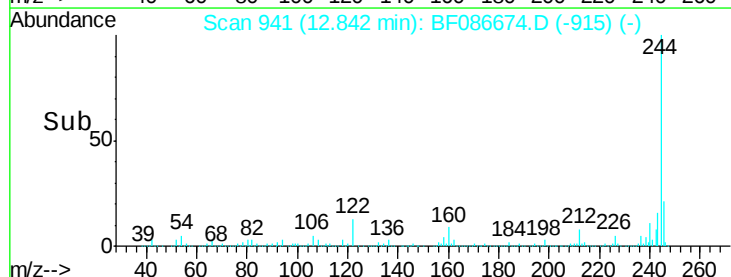
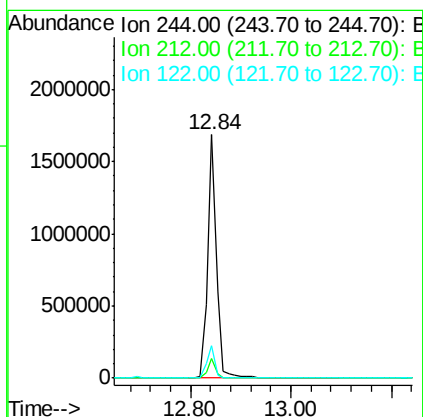
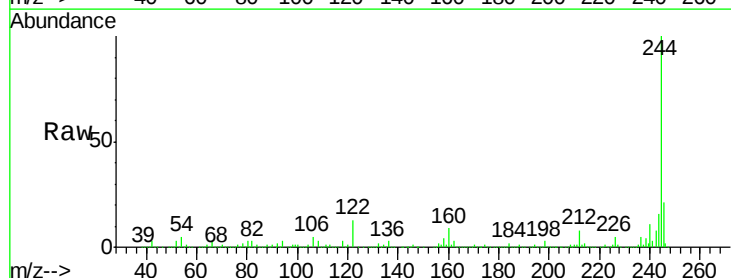
Manual Integrations
APPROVED

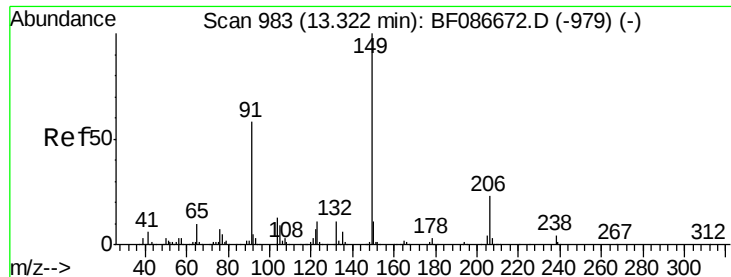
sohil
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#78
Terphenyl-d14
Concen: 116.09 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.4	12.0	18.0





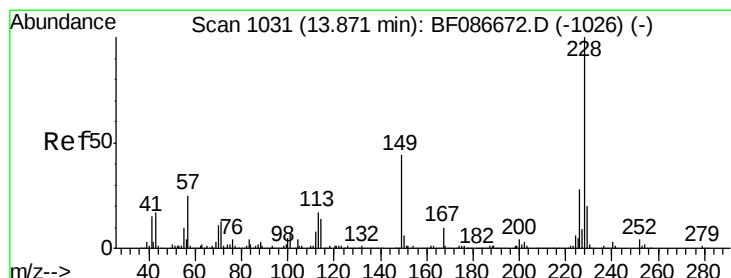
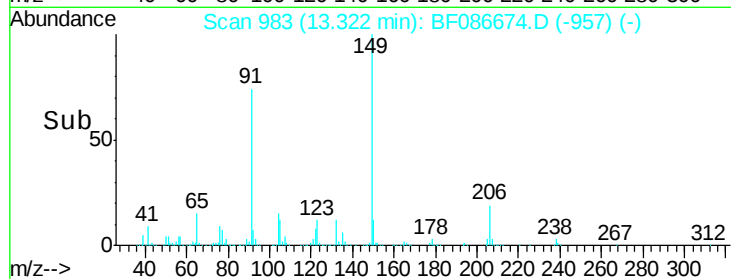
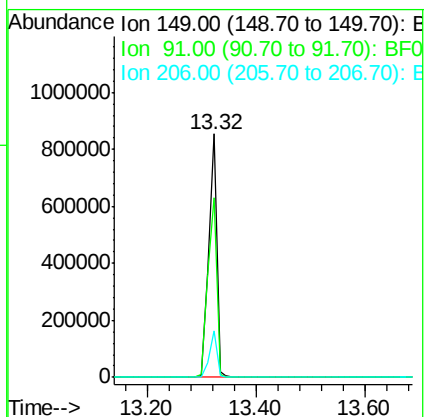
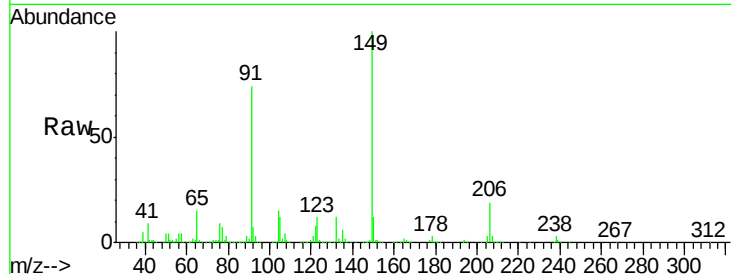
#79
Butylbenzylphthalate
Concen: 72.00 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		873417		
91	73.7	48.0	72.0#		
206	19.1	15.8	23.6		

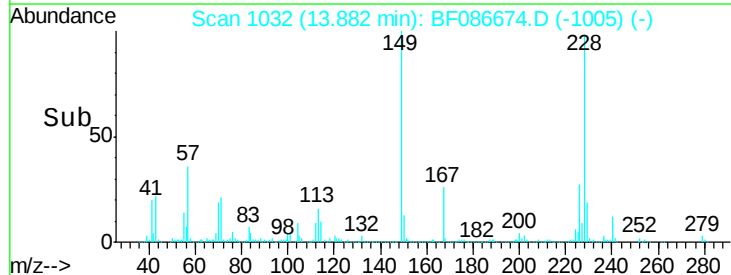
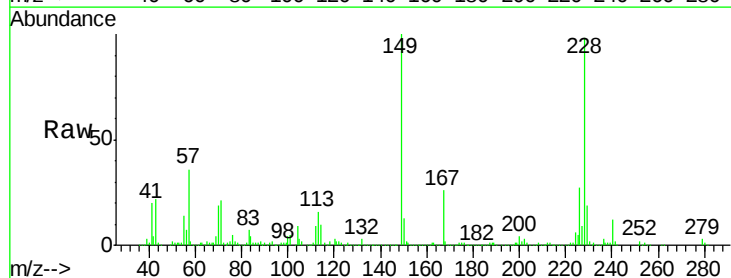
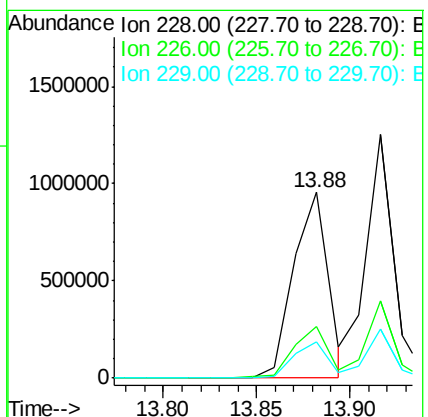
Manual Integrations
APPROVED

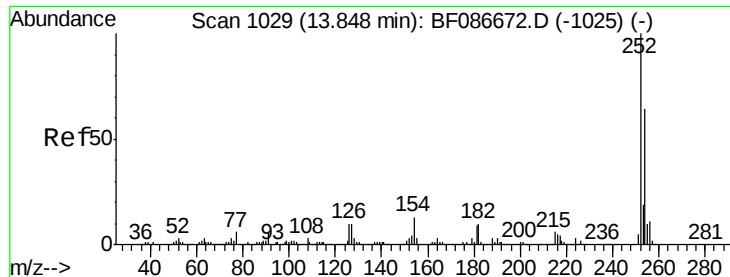
sohil
5/5/2016 3:18:45 PM



#80
Benzo(a)anthracene
Concen: 59.87 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1240833		
226	27.9	22.5	33.7		
229	19.8	16.6	25.0		





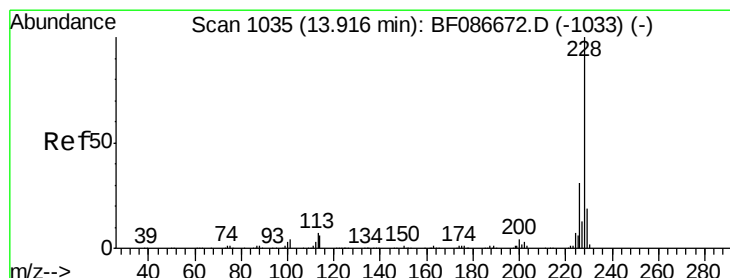
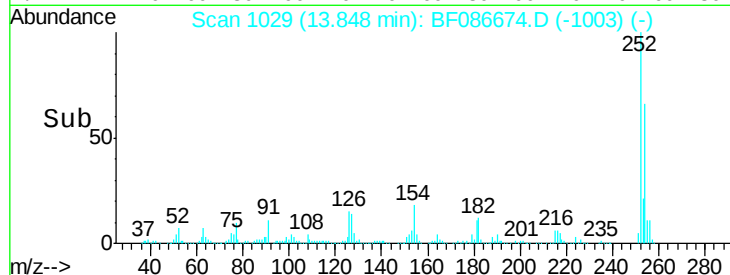
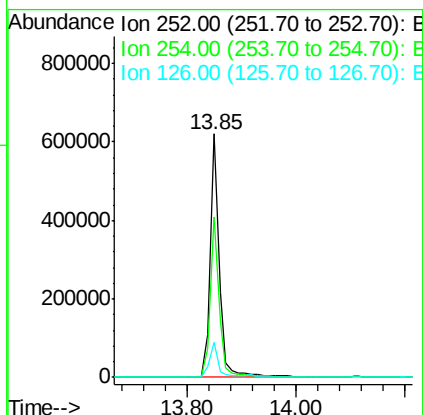
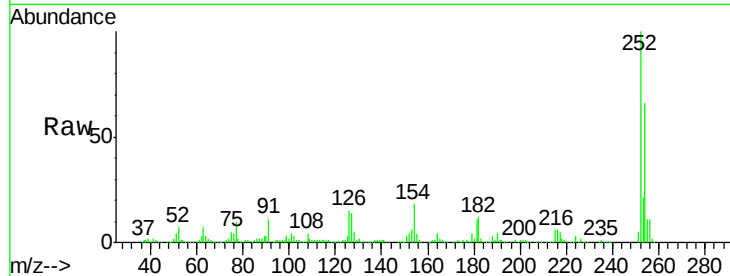
#81
 3,3'-Dichlorobenzidine
 Concen: 52.94 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.7	76.1
126	14.5	12.7	19.1

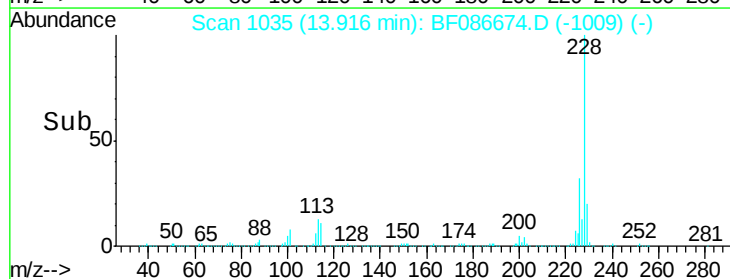
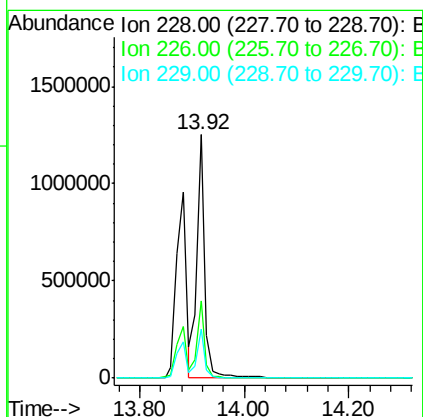
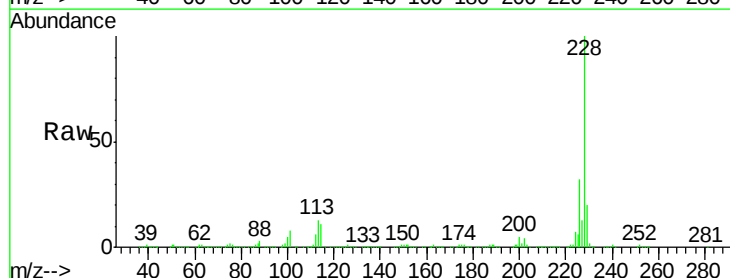
Manual Integrations
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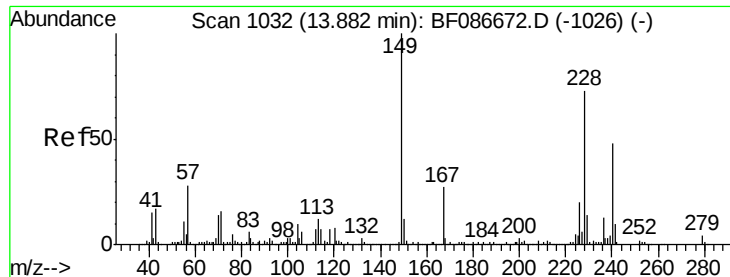
sohil
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#82
 Chrysene
 Concen: 58.92 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.0	15.8	23.8





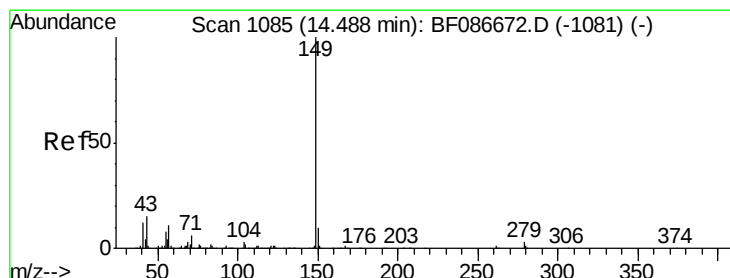
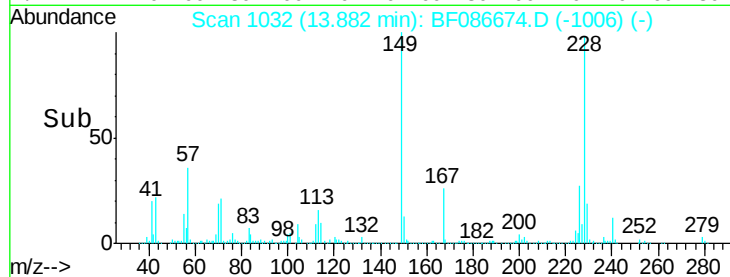
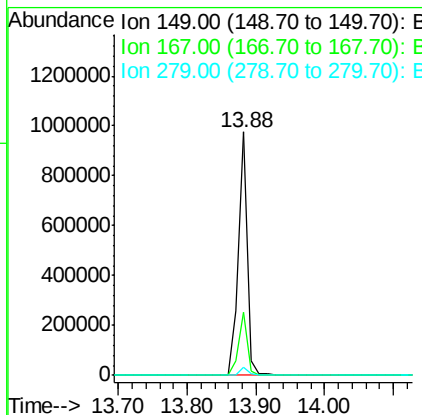
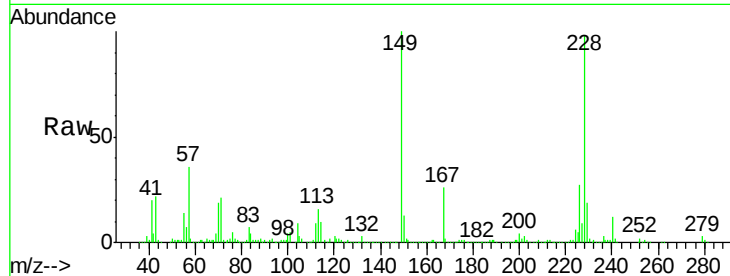
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.94 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	902548		
167	25.9		21.8	32.6
279	3.3		2.6	4.0

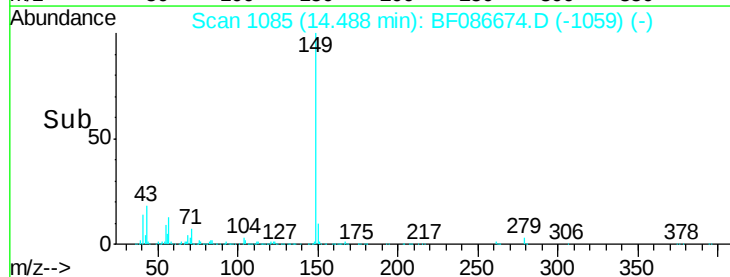
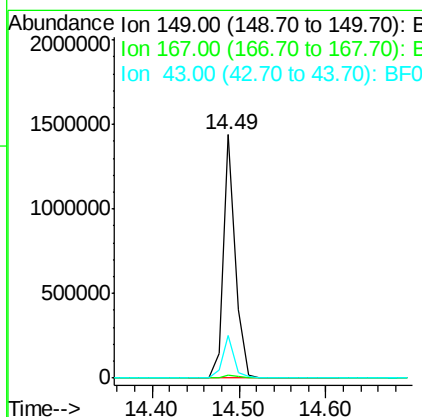
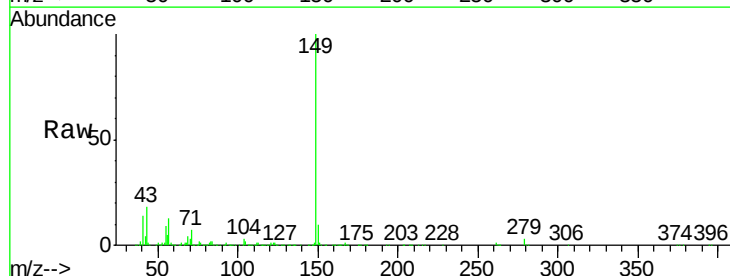
Manual Integrations
 APPROVED

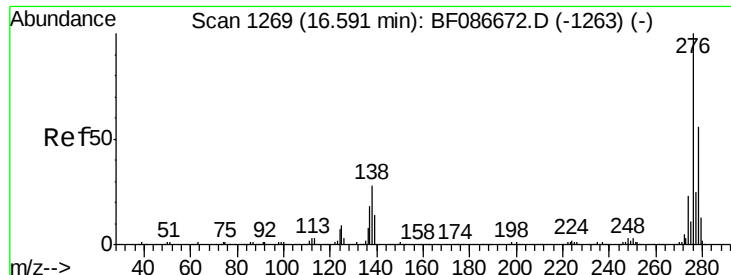
sohil
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#84
 Di-n-octyl phthalate
 Concen: 58.75 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1385315		
167	1.5		1.2	1.8
43	16.8		8.2	12.4#





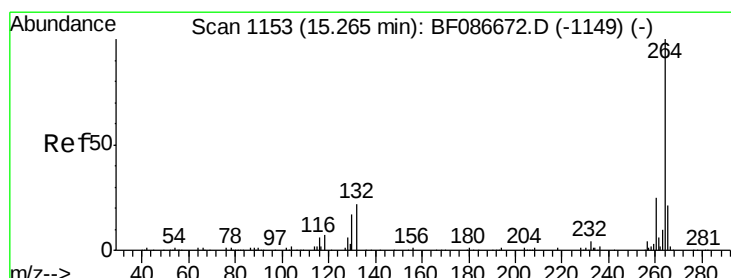
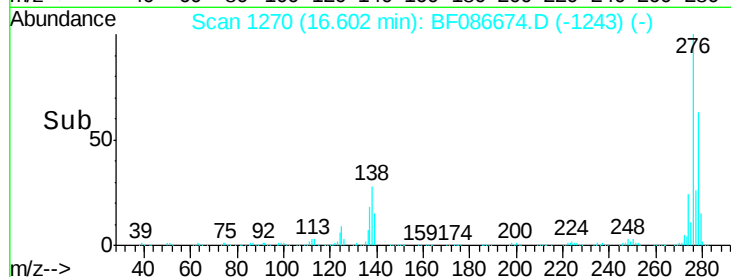
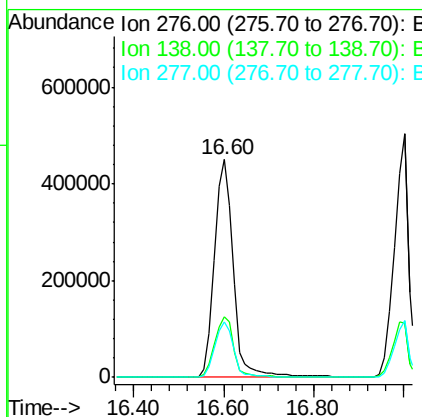
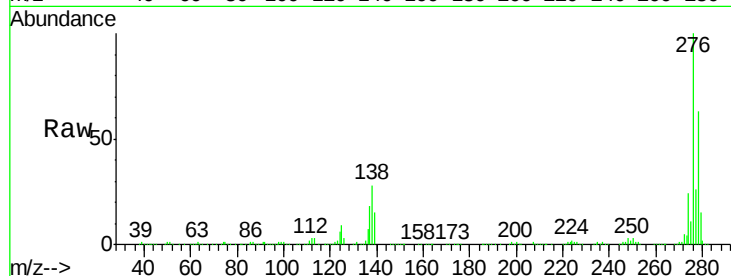
#85
Indeno(1,2,3-cd)pyrene
Concen: 79.16 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.6	38.4
277	25.6	20.5	30.7

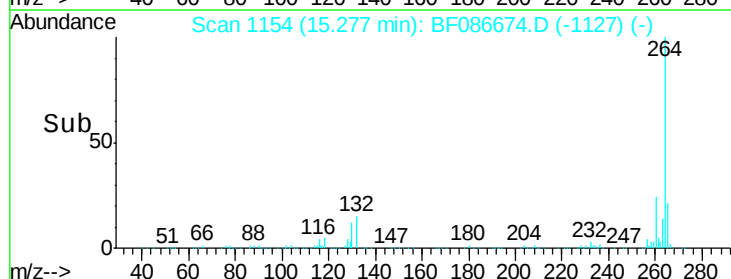
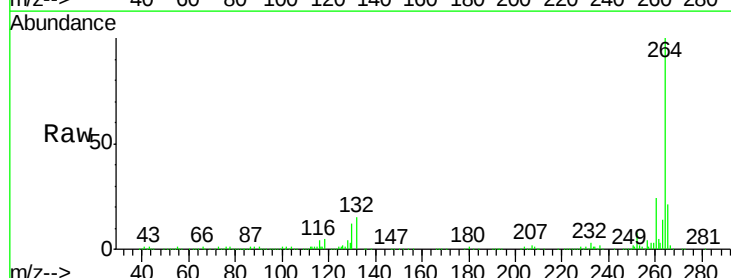
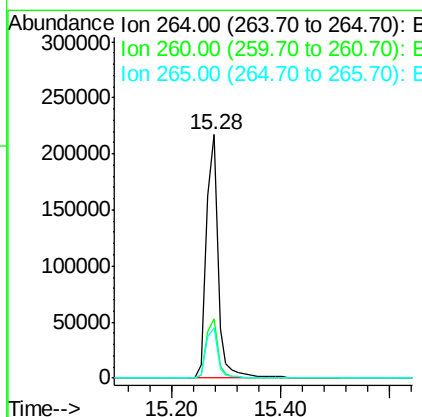
Manual Integrations
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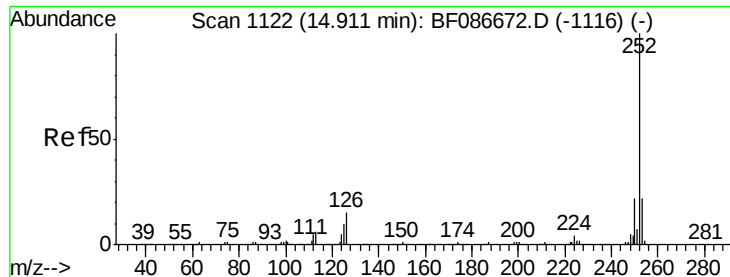
sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.3	25.9





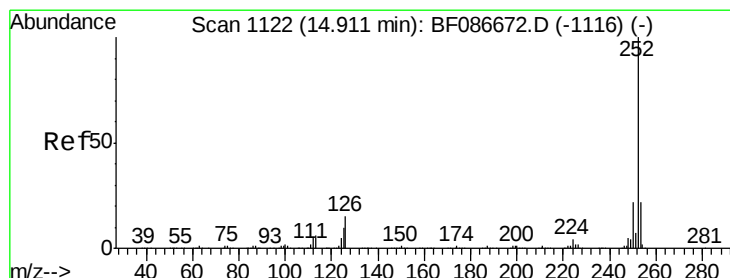
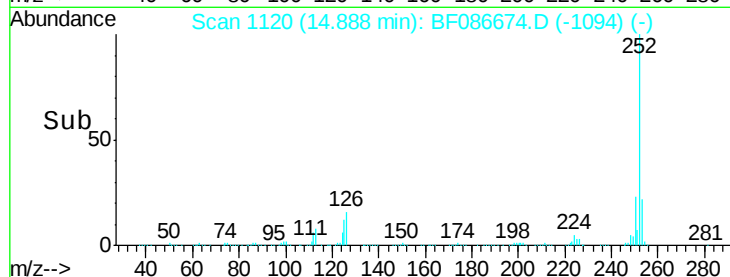
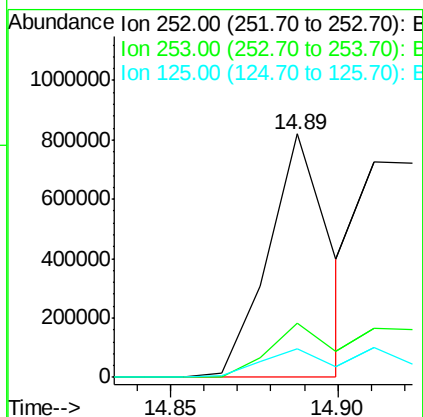
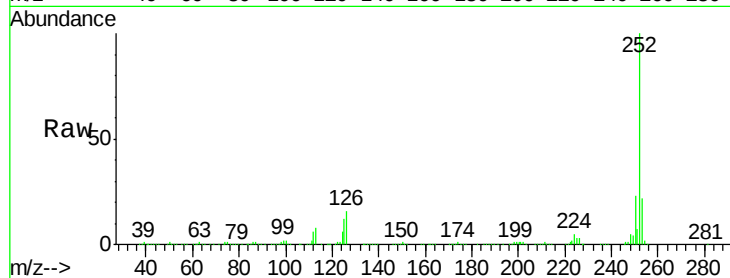
#87
Benzo(b)fluoranthene
Concen: 54.36 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.7	11.4	17.0

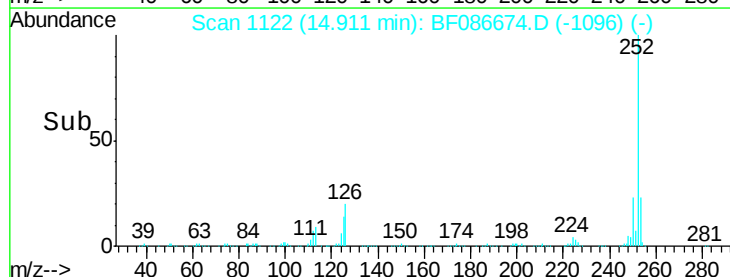
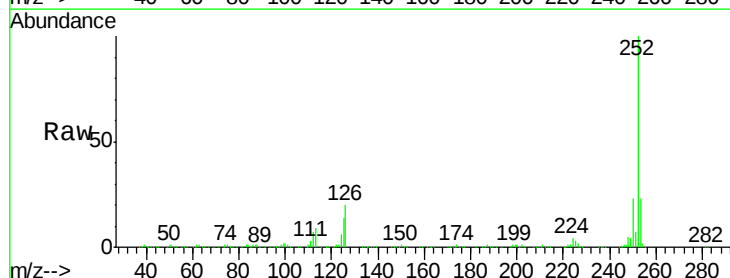
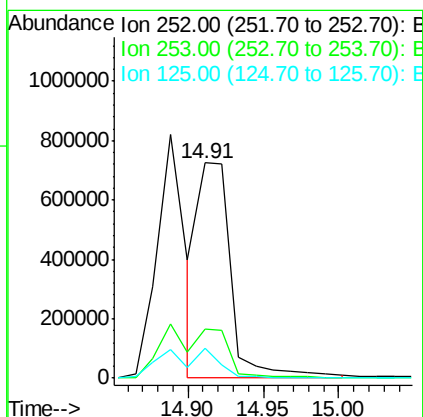
Manual Integrations
APPROVED

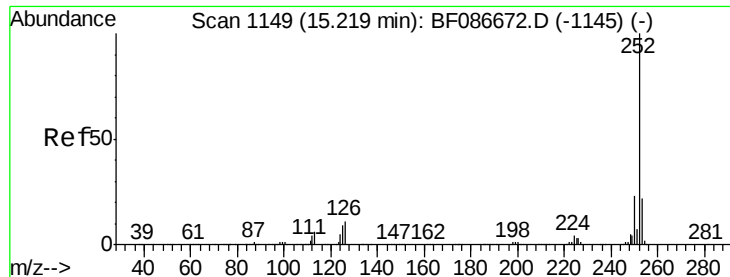
sohil
5/5/2016 3:18:45 PM



#88
Benzo(k)fluoranthene
Concen: 55.65 ng m
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.9	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 57.19 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 1049356

Ion Ratio Lower Upper

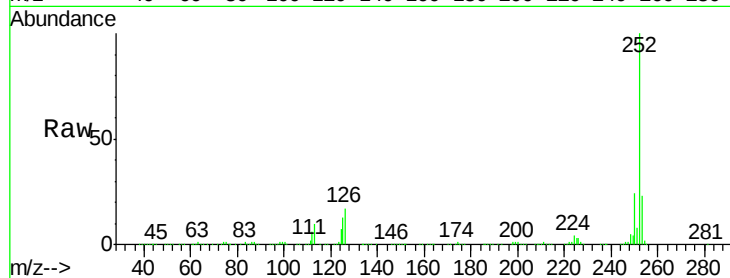
252 100

253 22.6 17.2 25.8

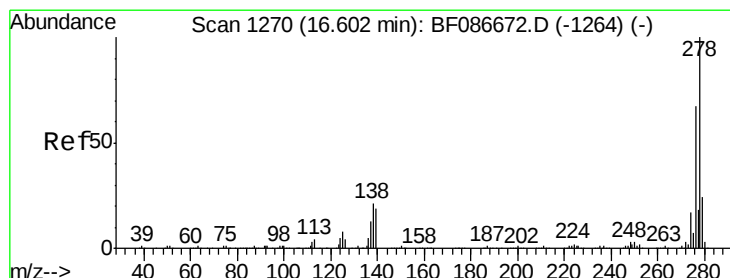
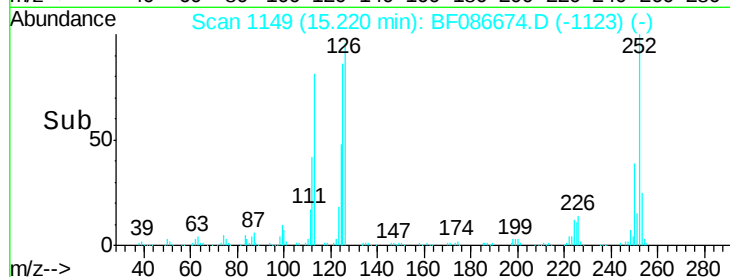
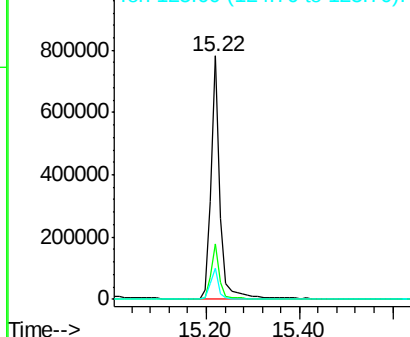
125 12.6 9.0 13.6

Manual Integrations
APPROVED

sohil
5/5/2016 3:18:45 PM



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: 72.24 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:278 Resp: 1084665

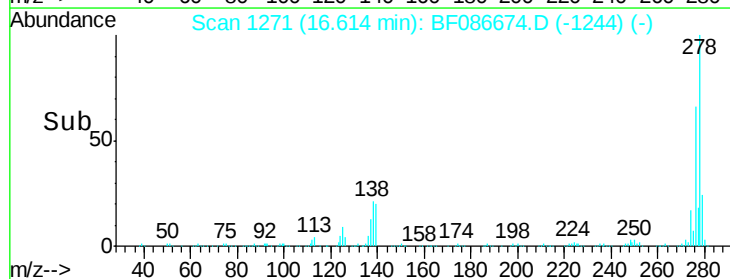
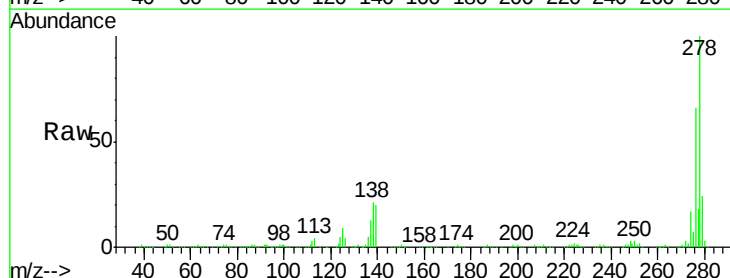
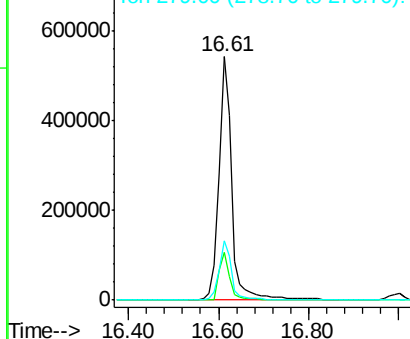
Ion Ratio Lower Upper

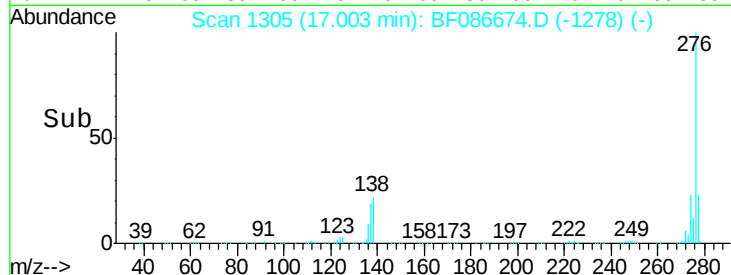
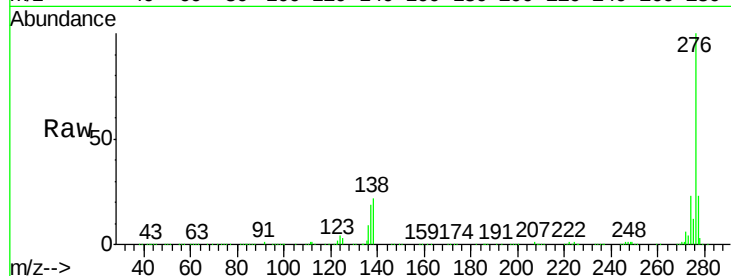
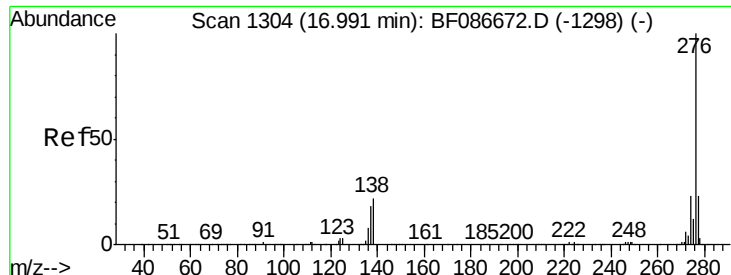
278 100

139 19.6 16.6 24.8

279 24.1 19.6 29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 75.70 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.4	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:18:45 PM

