

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086304.D
 Acq On : 20 Apr 2016 12:38
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 4/21/2016 7:08:01 PM

Quant Time: Apr 20 13:07:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 12:38:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	262334	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1076909	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	469649	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	730151	20.00	ng	0.00
75) Chrysene-d12	14.02	240	411573	20.00	ng	0.00
86) Perylene-d12	15.45	264	464191	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1758817	109.85	ng	0.00
7) Phenol-d6	6.50	99	2158975	107.80	ng	0.00
23) Nitrobenzene-d5	7.44	82	1970271	105.52	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	394804	104.69	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2600072	102.16	ng	0.00
78) Terphenyl-d14	12.97	244	1847211	112.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	487046	55.16	ng	97
3) Pyridine	3.20	79	1299980	56.46	ng	99
4) n-Nitrosodimethylamine	3.15	42	473047	56.87	ng	# 75
6) Aniline	6.53	93	1527821	52.93	ng	96
8) 2-Chlorophenol	6.65	128	945193	52.18	ng	96
9) Benzaldehyde	6.41	77	746450	52.54	ng	91
10) Phenol	6.52	94	1195530	50.13	ng	# 68
11) bis(2-Chloroethyl)ether	6.60	93	1070888	59.69	ng	85
12) 1,3-Dichlorobenzene	6.81	146	1093365	56.89	ng	95
13) 1,4-Dichlorobenzene	6.89	146	1161969	63.46	ng	96
14) 1,2-Dichlorobenzene	7.04	146	885809m	54.51	ng	
15) Benzyl Alcohol	7.01	79	710813	50.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1557174	55.70	ng	93
17) 2-Methylphenol	7.13	107	865169	57.33	ng	98
18) Hexachloroethane	7.38	117	358104	51.85	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	636343	49.65	ng	98
20) 3+4-Methylphenols	7.29	107	840313	49.71	ng	# 72
22) Acetophenone	7.29	105	1207065	53.24	ng	# 92
24) Nitrobenzene	7.46	77	1212508	59.39	ng	98
25) Isophorone	7.70	82	2133491	57.58	ng	98
26) 2-Nitrophenol	7.77	139	561612	63.10	ng	88
27) 2,4-Dimethylphenol	7.81	122	999887	55.63	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	1127741	51.77	ng	99
29) 2,4-Dichlorophenol	8.01	162	789770	57.79	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	840186	58.75	ng	98
31) Naphthalene	8.18	128	2911423	60.54	ng	99
32) Benzoic acid	7.95	122	706044	61.45	ng	96
33) 4-Chloroaniline	8.22	127	1193345	55.52	ng	99
34) Hexachlorobutadiene	8.29	225	384272	53.63	ng	99
35) Caprolactam	8.61	113	292149	59.05	ng	# 64
36) 4-Chloro-3-methylphenol	8.70	107	878251	55.46	ng	93
37) 2-Methylnaphthalene	8.86	142	1565967	50.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	719510	66.03	ng	# 96
40) Hexachlorocyclopentadiene	9.01	237	174271	31.48	ng	99

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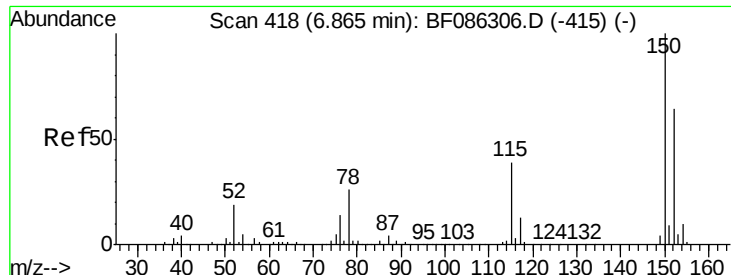
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	499669	54.01	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	528002	59.08	nq #	91
45) 1,1'-Biphenyl	9.33	154	1923695	56.90	nq	97
46) 2-Chloronaphthalene	9.36	162	1500773	54.37	nq	98
47) 2-Nitroaniline	9.45	65	554885	62.05	nq	95
48) Acenaphthylene	9.77	152	2258934	51.43	nq	99
49) Dimethylphthalate	9.64	163	2044107	59.86	nq	99
50) 2,6-Dinitrotoluene	9.70	165	473199	62.62	nq	99
51) Acenaphthene	9.94	154	1347692	51.37	nq	100
52) 3-Nitroaniline	9.86	138	544284	59.28	nq	99
53) 2,4-Dinitrophenol	9.96	184	90808	37.56	nq #	78
54) Dibenzofuran	10.11	168	1850929	53.42	nq	93
55) 4-Nitrophenol	10.02	139	369564	51.45	nq	87
56) 2,4-Dinitrotoluene	10.10	165	587456	60.73	nq #	91
57) Fluorene	10.45	166	1318480	45.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	366236	56.42	nq	98
59) Diethylphthalate	10.33	149	1871350	53.09	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	645461	54.34	nq	90
61) 4-Nitroaniline	10.48	138	499888	62.99	nq	89
62) Azobenzene	10.60	77	1840111	53.36	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	140713	40.49	nq	88
65) n-Nitrosodiphenylamine	10.57	169	1330191	59.49	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	424138	62.33	nq #	83
67) Hexachlorobenzene	11.00	284	434979	61.00	nq #	82
68) Atrazine	11.09	200	384280	56.08	nq	98
69) Pentachlorophenol	11.20	266	264986	61.28	nq	97
70) Phenanthrene	11.41	178	1952998	56.00	nq	100
71) Anthracene	11.47	178	2109588	55.42	nq	98
72) Carbazole	11.62	167	1936879	58.40	nq	99
73) Di-n-butylphthalate	11.95	149	2448106	54.59	nq	99
74) Fluoranthene	12.59	202	1723511	48.25	nq	98
76) Benzidine	12.73	184	986995	61.82	nq	99
77) Pyrene	12.82	202	1671779	52.95	nq	99
79) Butylbenzylphthalate	13.45	149	969440	66.46	nq	92
80) Benzo(a)anthracene	14.01	228	1184150	52.41	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	847204	64.69	nq #	96
82) Chrysene	14.05	228	1320288	54.80	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1009813	64.11	nq	100
84) Di-n-octyl phthalate	14.61	149	1938137	63.84	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1467968	74.13	nq	96
87) Benzo(b)fluoranthene	15.04	252	1358482m	47.44	nq	
88) Benzo(k)fluoranthene	15.07	252	1426852m	54.64	nq	
89) Benzo(a)pyrene	15.39	252	1386384	55.89	nq	100
90) Dibenzo(a,h)anthracene	16.87	278	1209478	55.17	nq	96
91) Benzo(g,h,i)perylene	17.27	276	1213924	52.08	nq #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

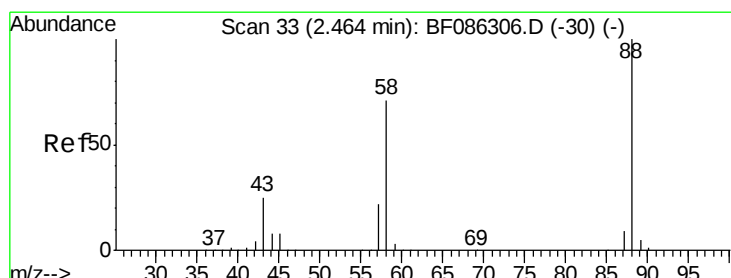
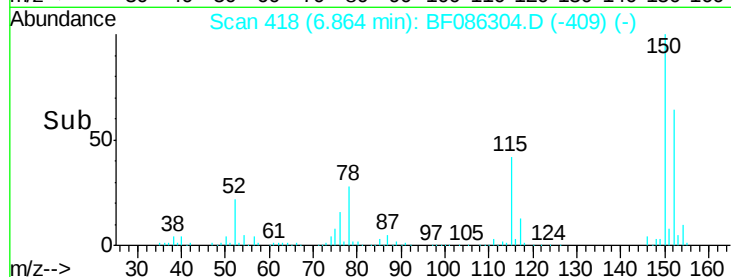
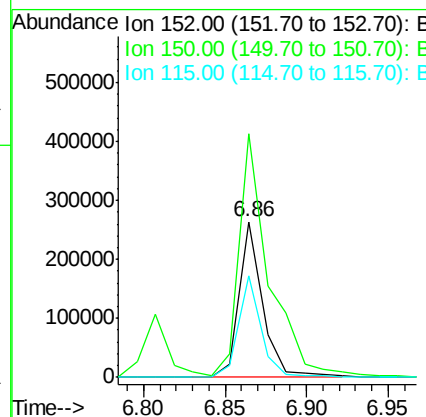
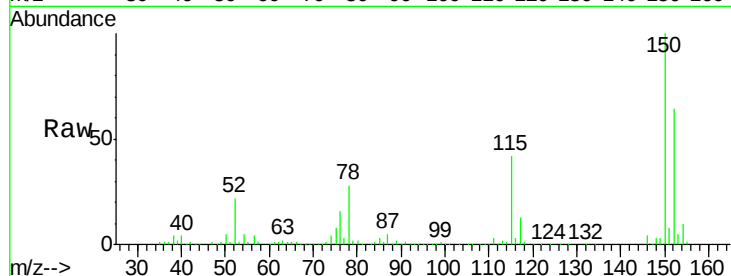
ClientSampleId :

SSTDICC060

Tot Ion:	152	Resp:	262334
Ion Ratio	Lower	Upper	
152	100		
150	156.3	124.1	186.1
115	65.3	43.9	65.9

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#2

1,4-Dioxane

Concen: 55.16 ng

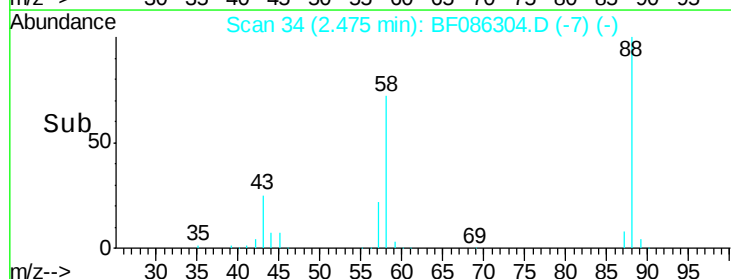
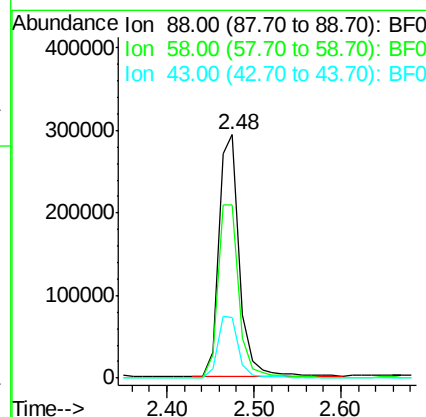
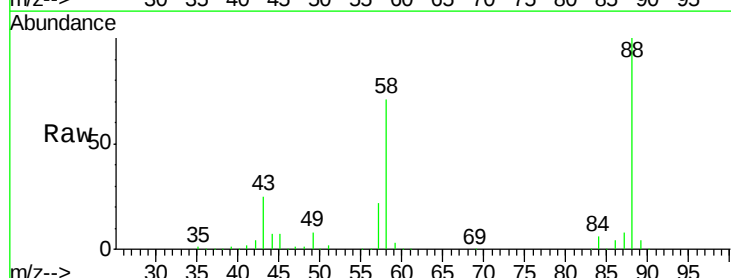
RT: 2.48 min Scan# 34

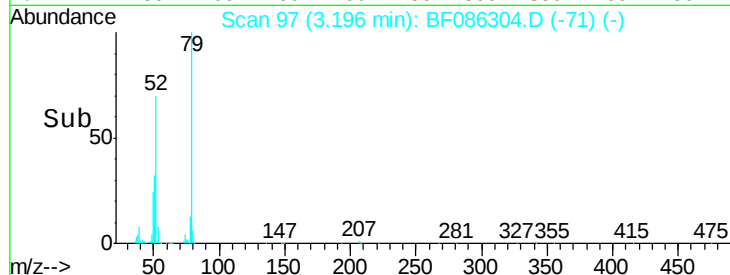
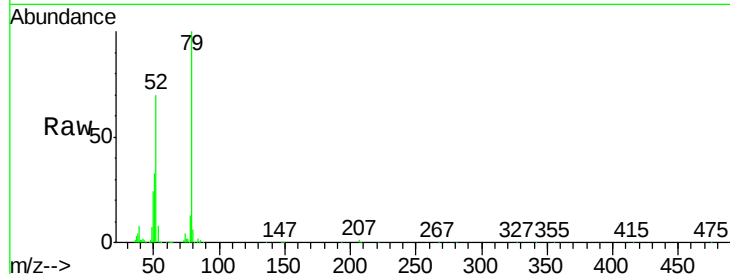
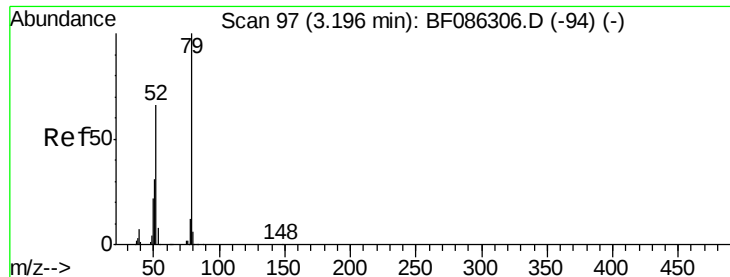
Delta R.T. 0.01 min

Lab File: BF086304.D

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Tgt Ion:	88	Resp:	487046
Ion Ratio	Lower	Upper	
88	100		
58	75.0	58.4	87.6
43	26.8	23.3	34.9





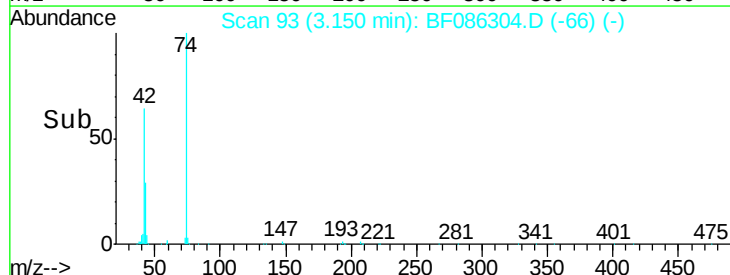
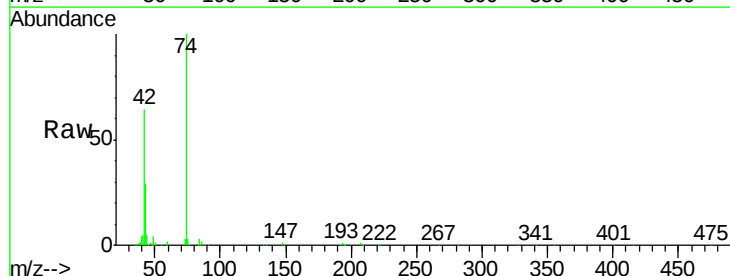
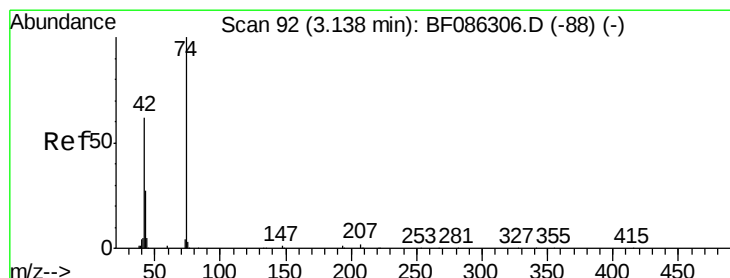
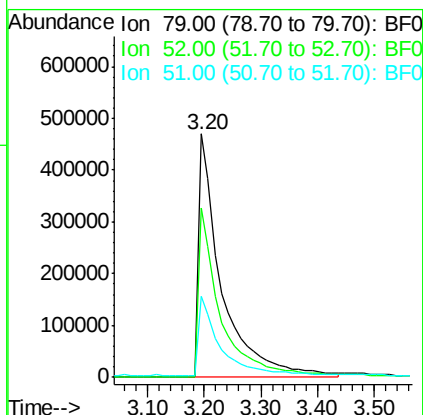
#3
 Pvridine
 Concen: 56.46 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.7	55.4	83.2
51	33.1	28.1	42.1

Instrument :
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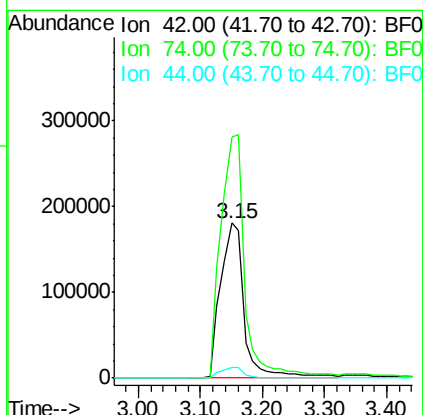
Manual Integrations
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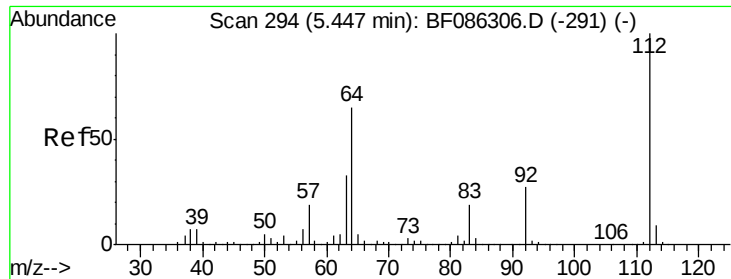
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#4
 n-Nitrosodimethylamine
 Concen: 56.87 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.7	100.5	150.7#
44	7.2	5.4	8.0





#5

2-Fluorophenol

Concen: 109.85 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 1758817

Ion Ratio Lower Upper

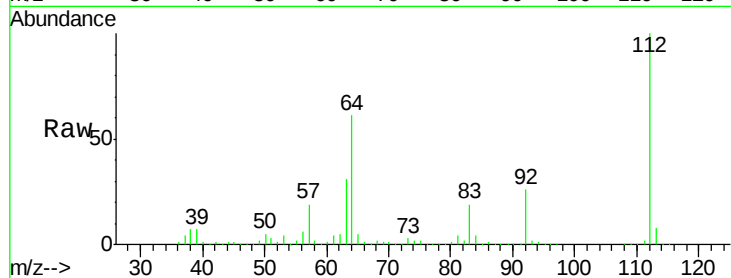
112 100

64 60.9 48.1 72.1

63 30.8 25.5 38.3

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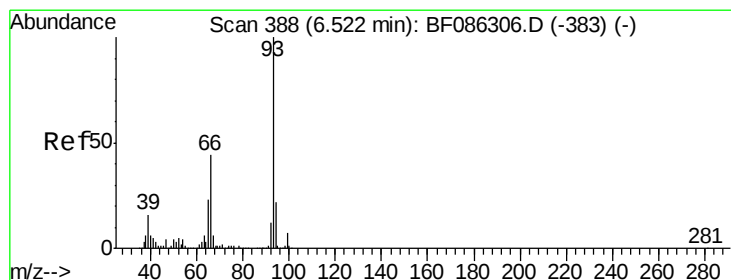
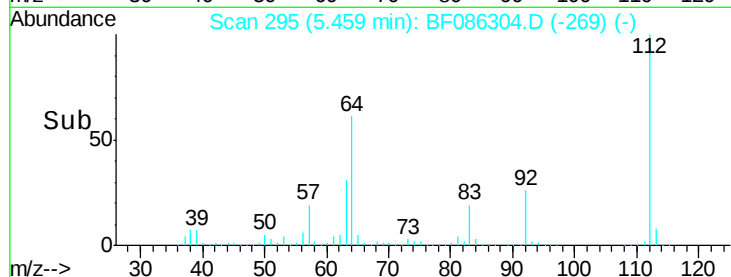
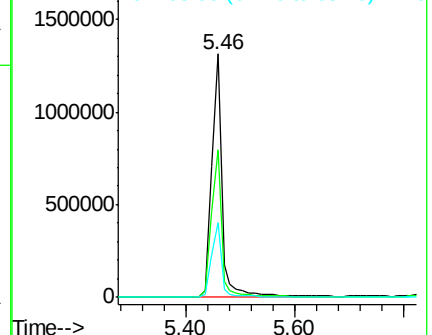
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 52.93 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

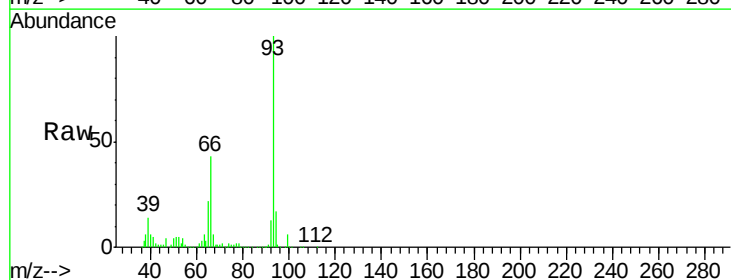
Tgt Ion: 93 Resp: 1527821

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

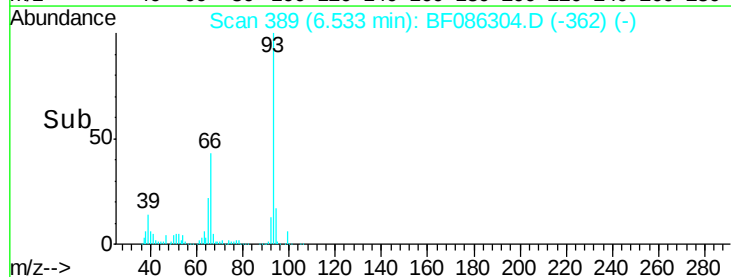
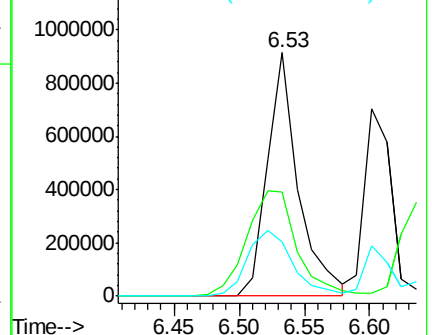
65 22.2 16.4 24.6

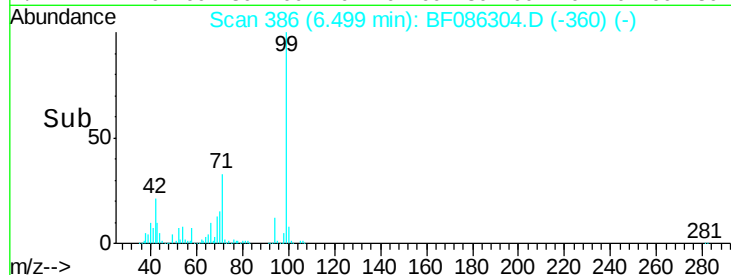
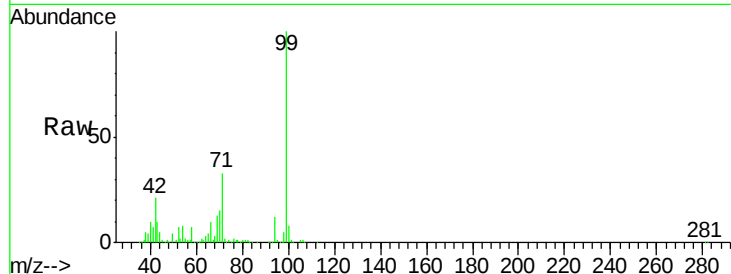
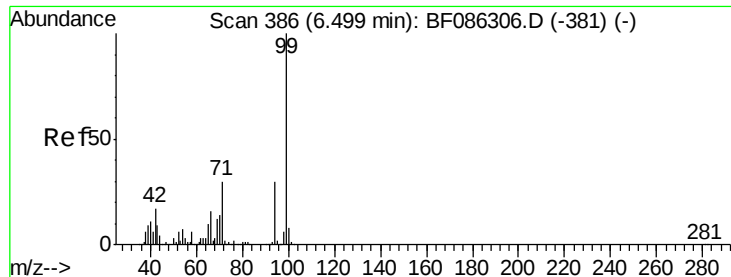


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.80 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tot Ion: 99 Resp: 2158975

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.2

71 33.1 25.6 38.4

Instrument :

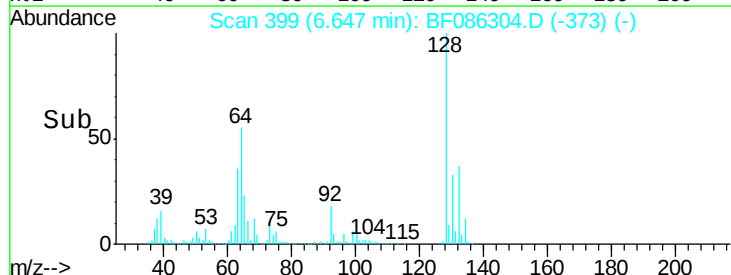
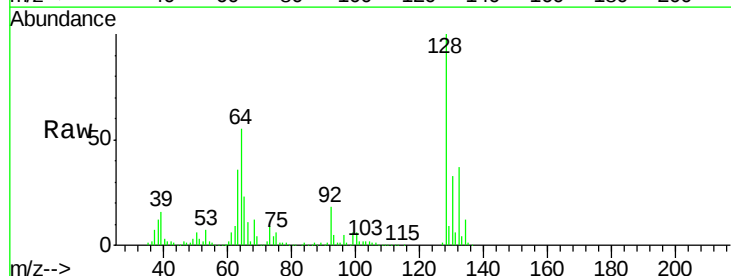
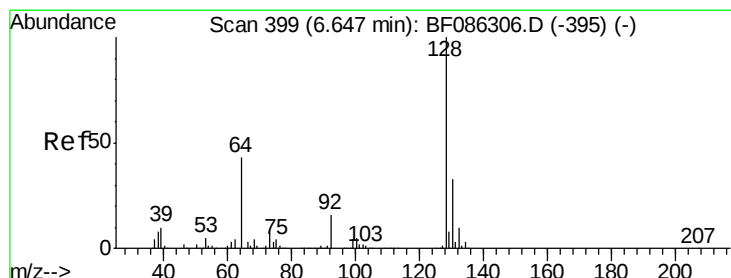
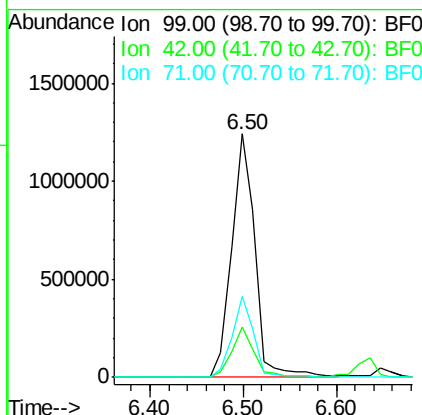
BNA_F

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#8

2-Chlorophenol

Concen: 52.18 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

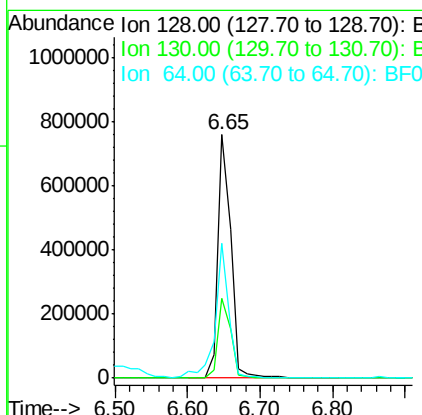
Tgt Ion: 128 Resp: 945193

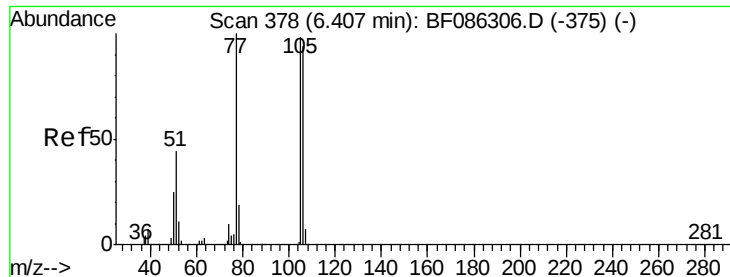
Ion Ratio Lower Upper

128 100

130 32.7 11.8 51.8

64 55.4 39.5 79.5





#9

Benzaldehyde

Concen: 52.54 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

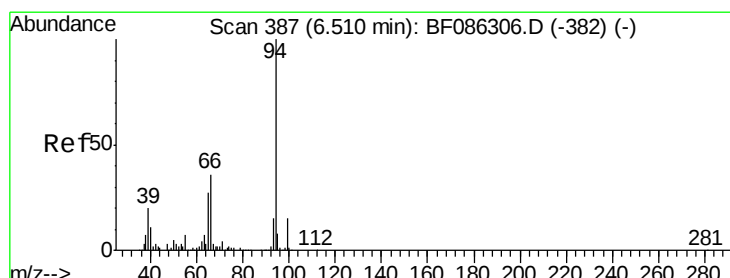
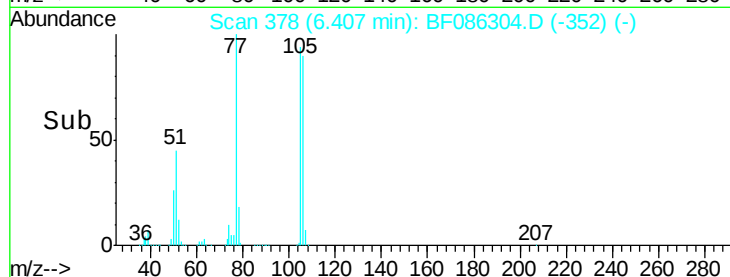
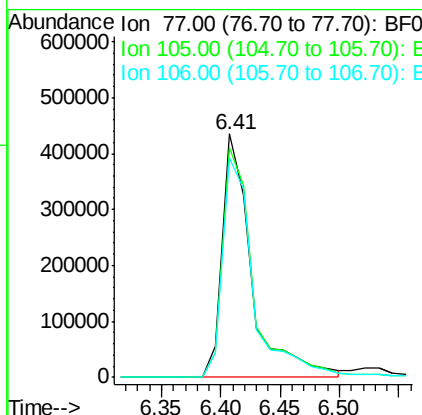
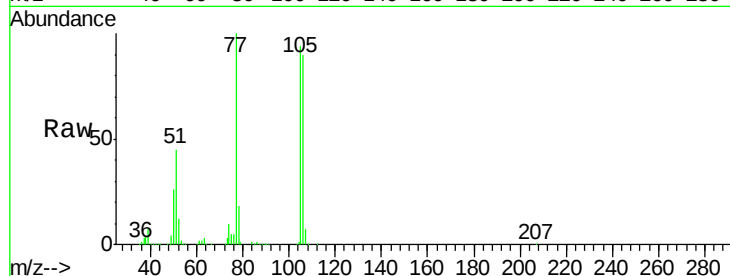
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	746450
Ion Ratio	Lower	Upper	
77	100		
105	94.3	84.6	124.6
106	90.3	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 50.13 ng

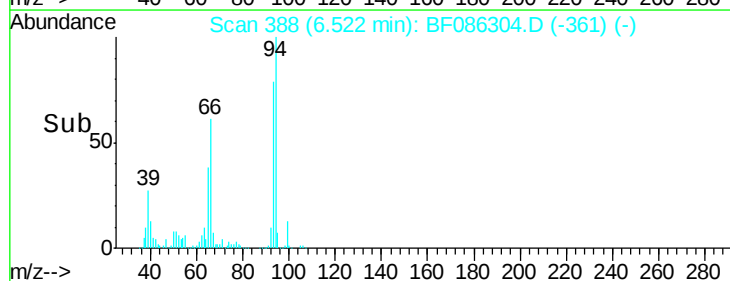
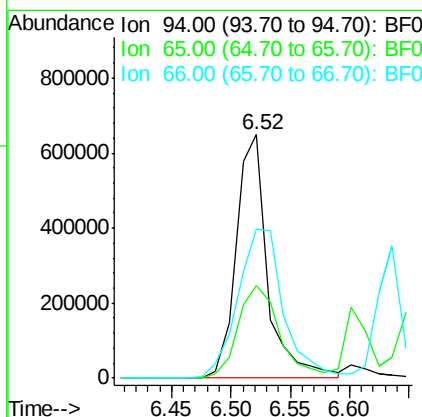
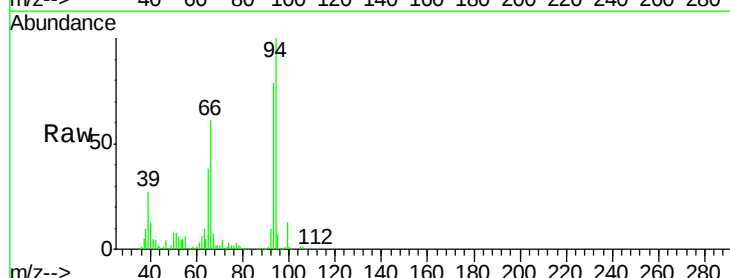
RT: 6.52 min Scan# 388

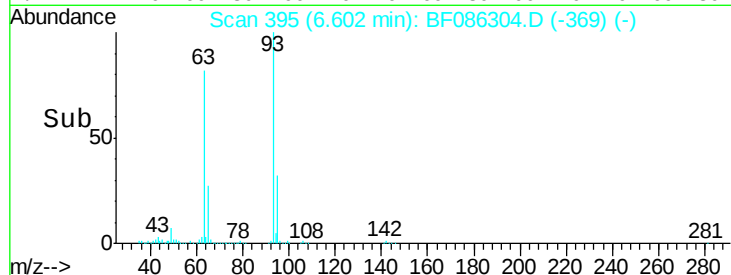
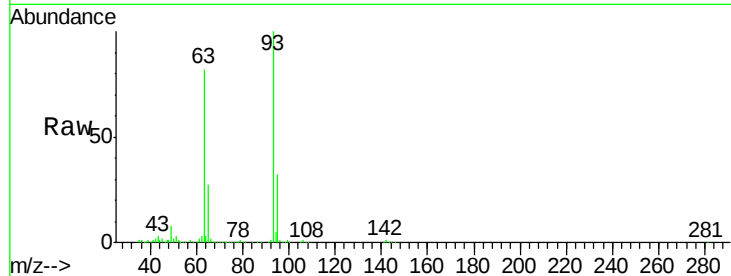
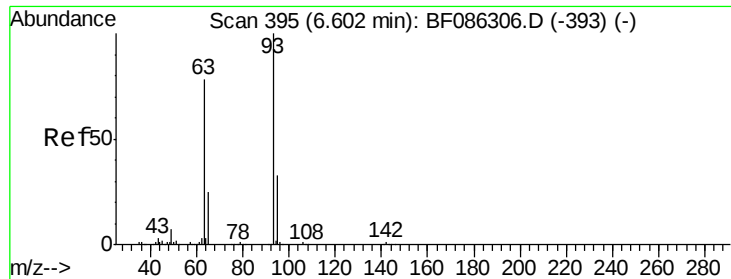
Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	94	Resp:	1195530
Ion Ratio	Lower	Upper	
94	100		
65	38.2	7.9	47.9
66	61.0	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 59.69 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tot Ion: 93 Resp: 1070888

Ion Ratio Lower Upper

93 100

63 81.6 44.4 84.4

95 32.0 13.1 53.1

Instrument :

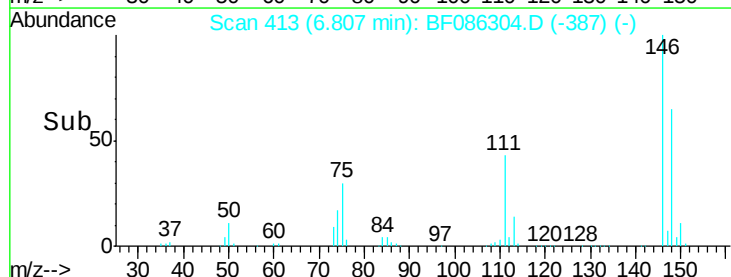
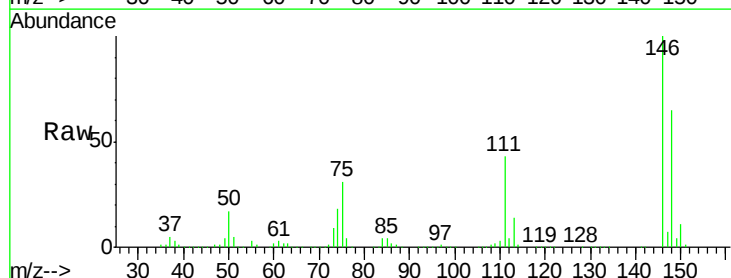
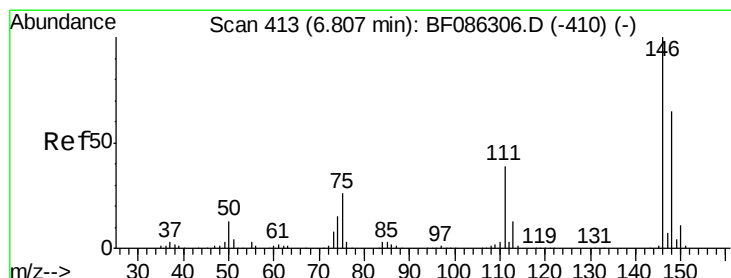
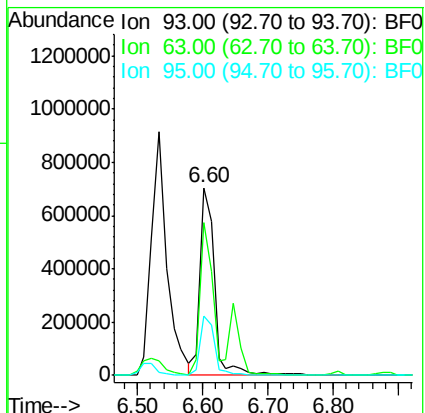
BNA_F

ClientSampleId :

SSTDICC060

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#12

1,3-Dichlorobenzene

Concen: 56.89 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

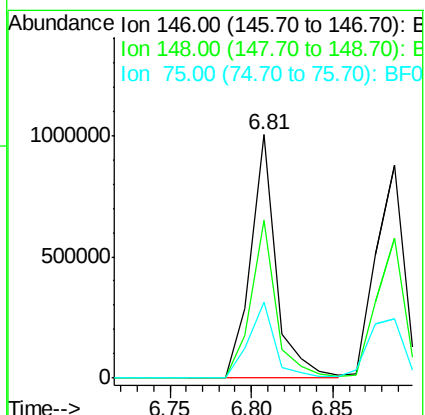
Tgt Ion: 146 Resp: 1093365

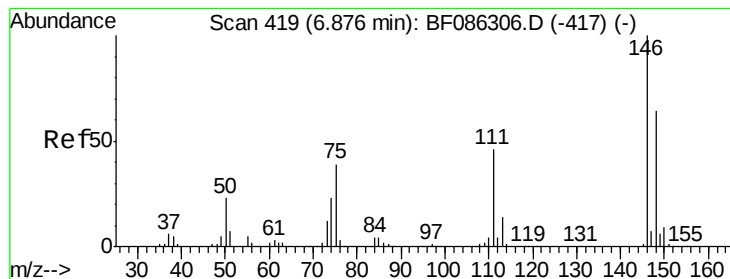
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

75 31.1 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 63.46 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:146 Resp: 1161969

Ion Ratio Lower Upper

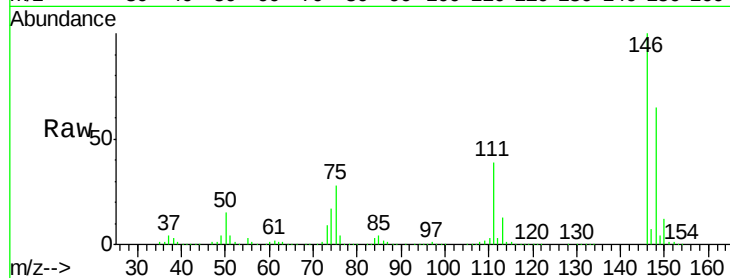
146 100

148 65.4 51.8 77.6

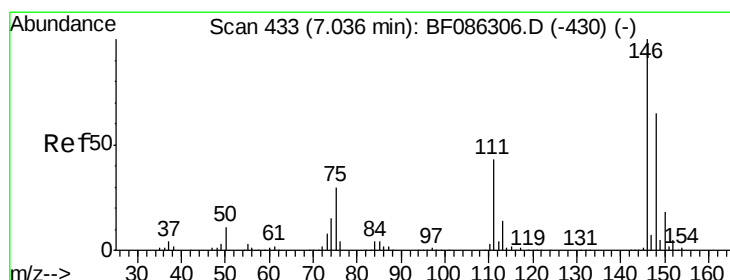
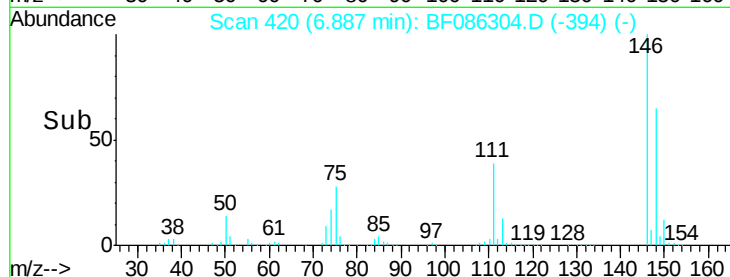
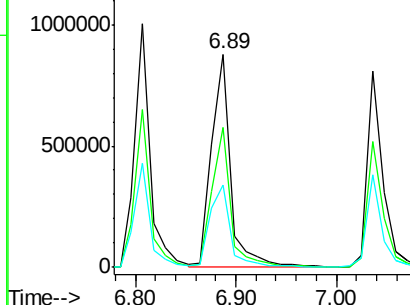
111 38.6 34.9 52.3

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



#14

1,2-Dichlorobenzene

Concen: 54.51 ng m

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

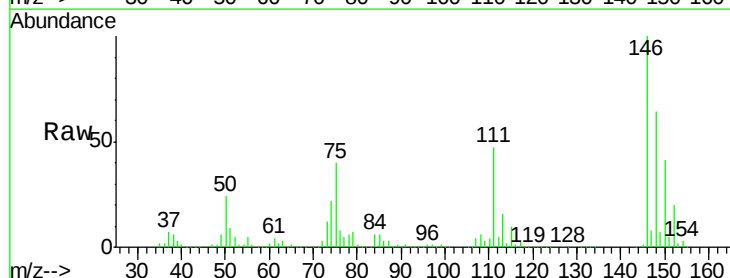
Tgt Ion:146 Resp: 885809

Ion Ratio Lower Upper

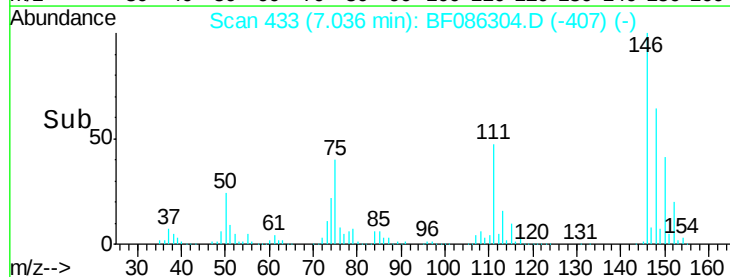
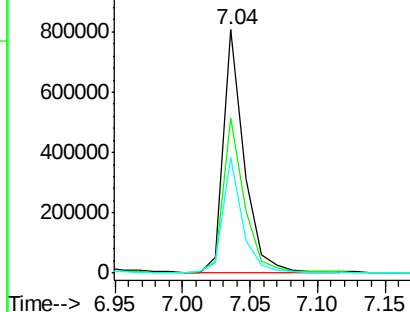
146 100

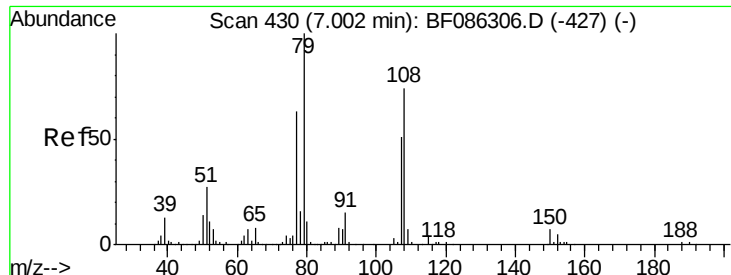
148 64.0 52.2 78.2

111 47.4 31.0 46.4#



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





#15

Benzyl Alcohol

Concen: 50.03 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

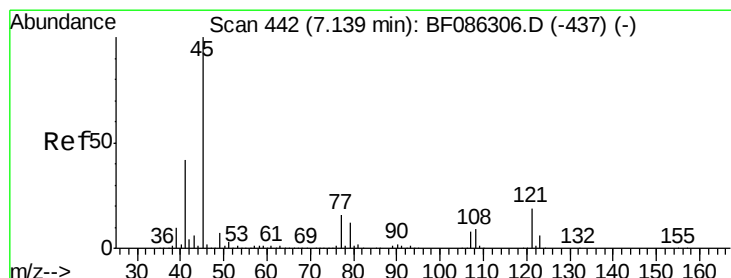
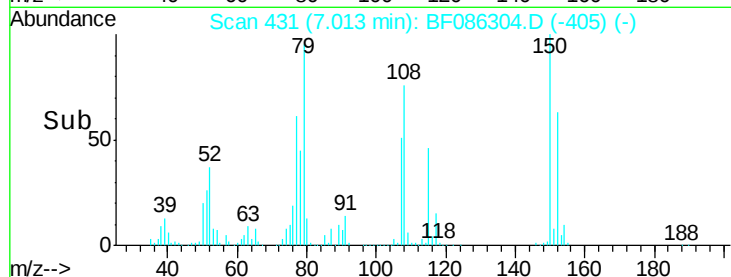
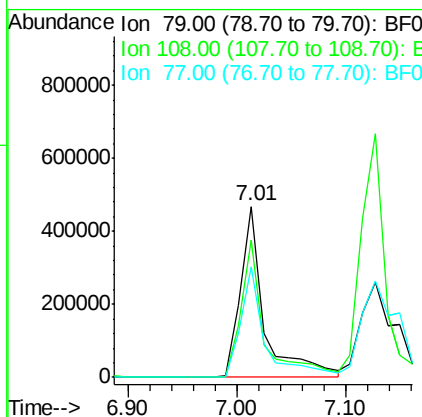
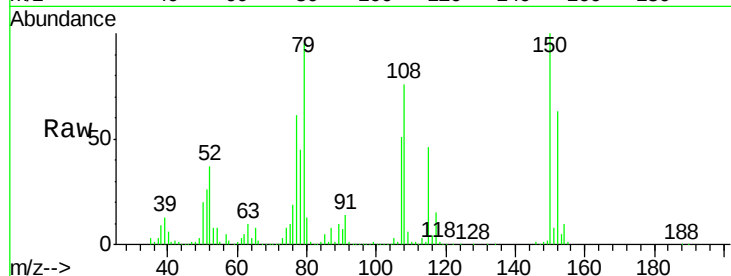
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	710813
Ion Ratio	Lower	Upper	
79	100		
108	80.1	64.8	97.2
77	64.5	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.70 ng

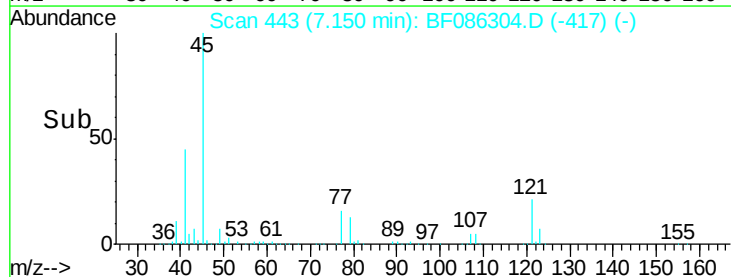
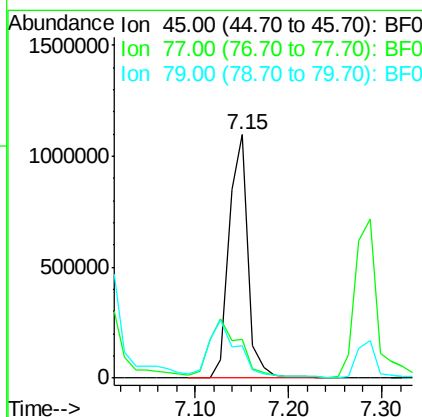
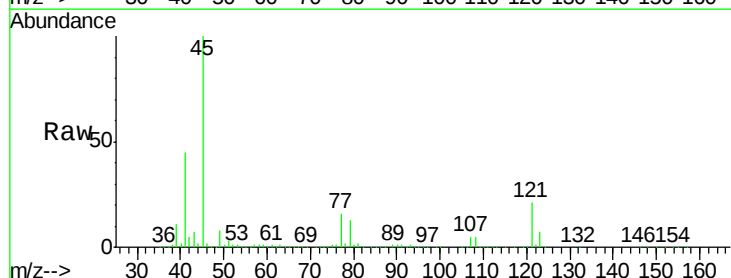
RT: 7.15 min Scan# 443

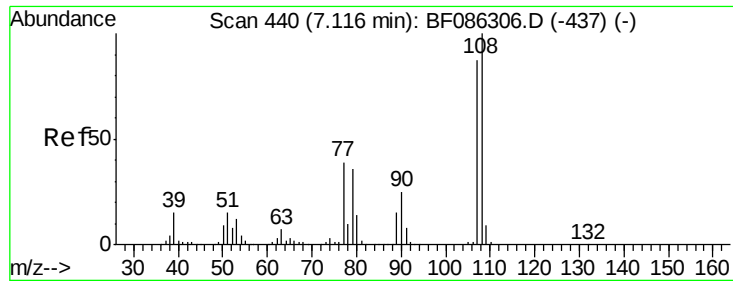
Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	45	Resp:	1557174
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.7
79	13.3	0.0	30.1





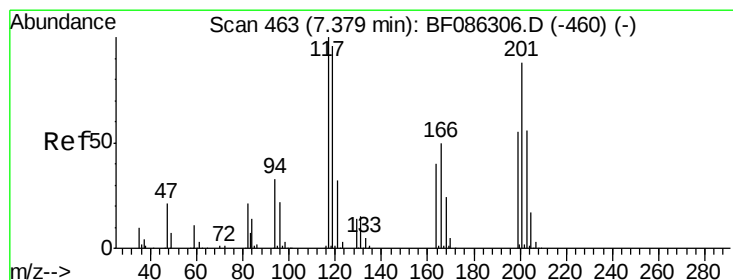
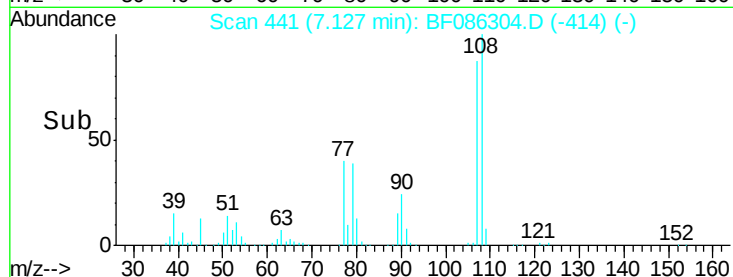
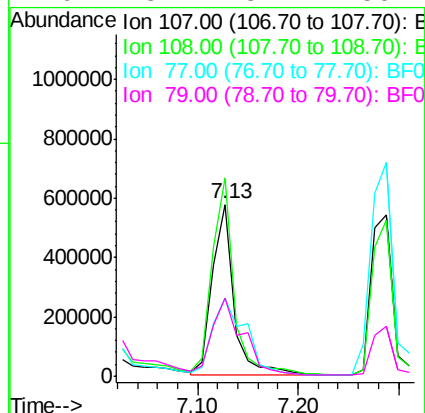
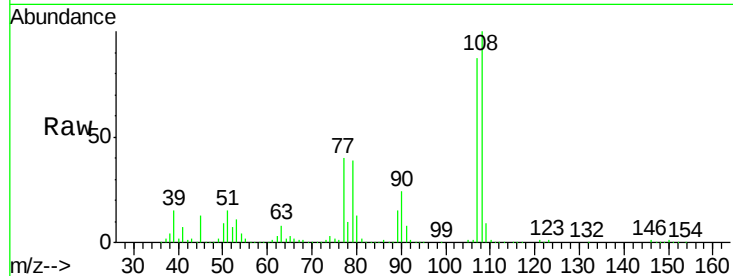
#17
2-Methylphenol
Concen: 57.33 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	107	Resp:	865169
Ion Ratio	Lower	Upper	
107	100		
108	115.1	92.7	139.1
77	45.7	39.6	59.4
79	45.1	37.4	56.2

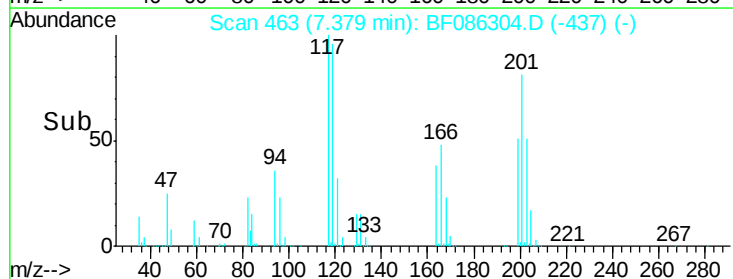
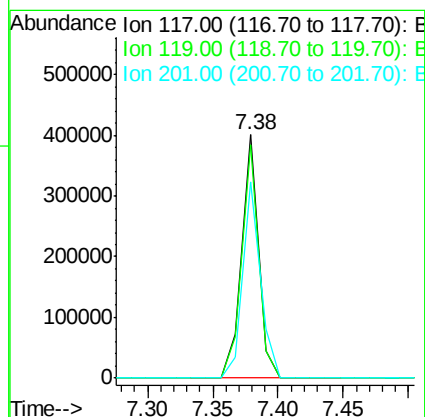
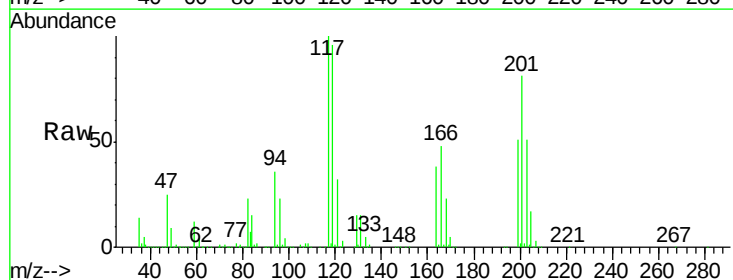
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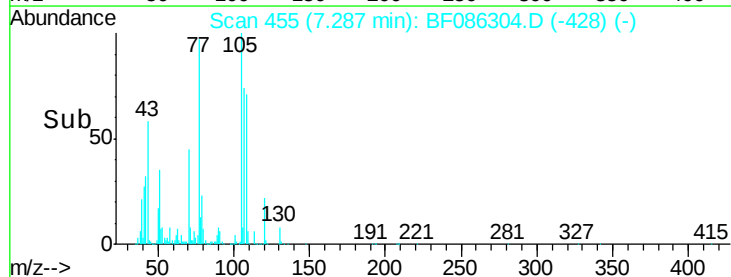
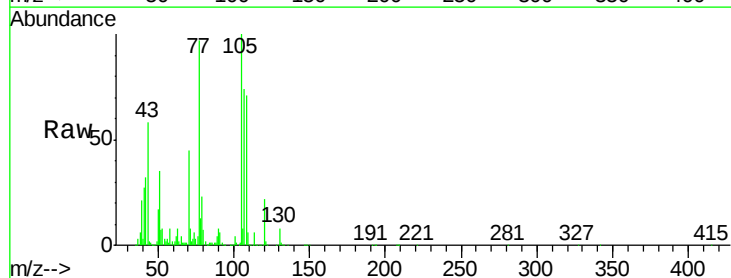
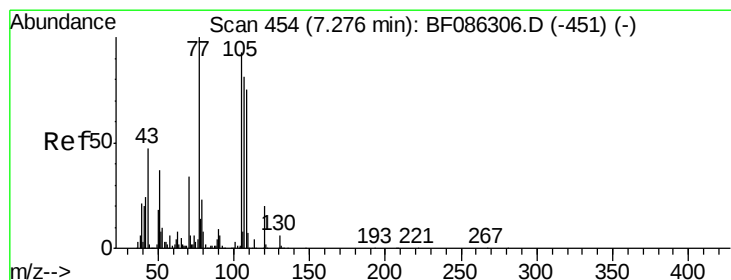
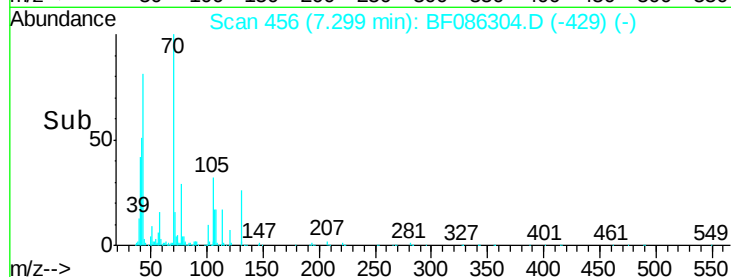
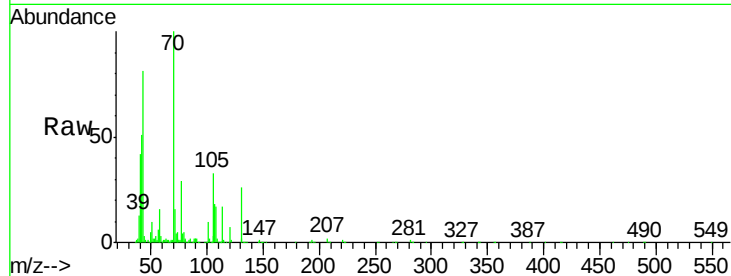
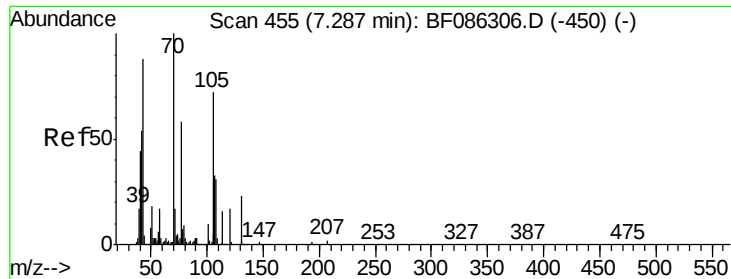
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#18
Hexachloroethane
Concen: 51.85 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

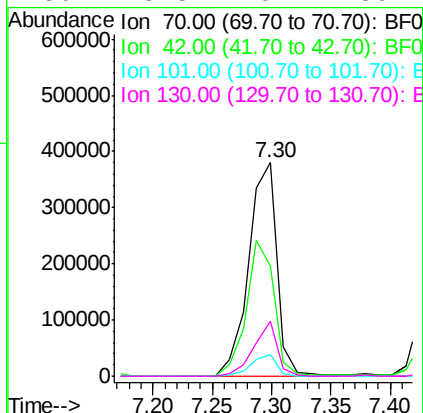
Tgt Ion:	117	Resp:	358104
Ion Ratio	Lower	Upper	
117	100		
119	95.6	78.2	117.4
201	80.9	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 49.65 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.0	64.4
101	10.4	8.1	12.1
130	25.5	20.1	30.1



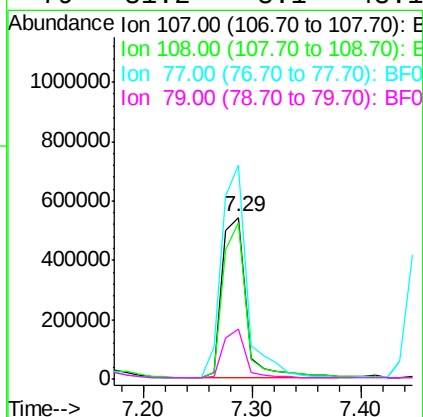
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

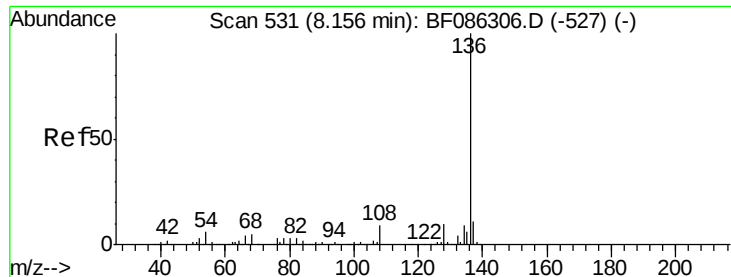
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#20
3+4-Methylphenols
Concen: 49.71 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.1	69.7	109.7
77	132.0	60.5	100.5#
79	31.2	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1076909

Ion Ratio Lower Upper

136 100

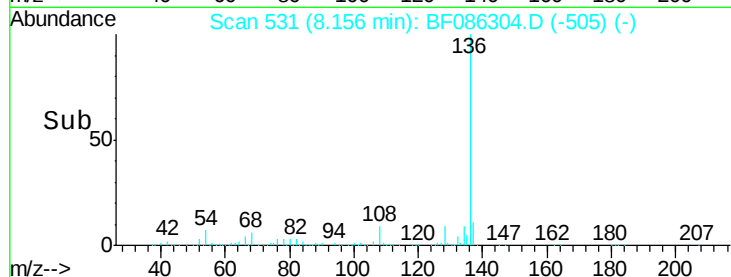
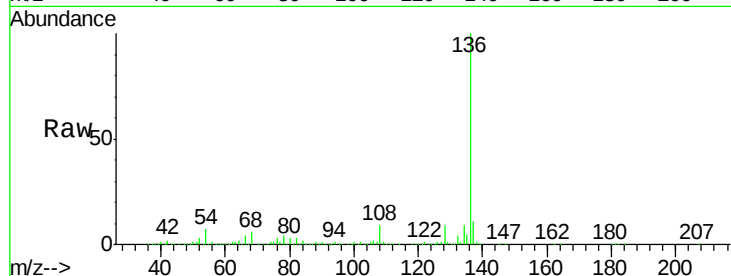
137 10.8 9.1 13.7

54 6.7 7.3 10.9#

68 5.7 5.7 8.5#

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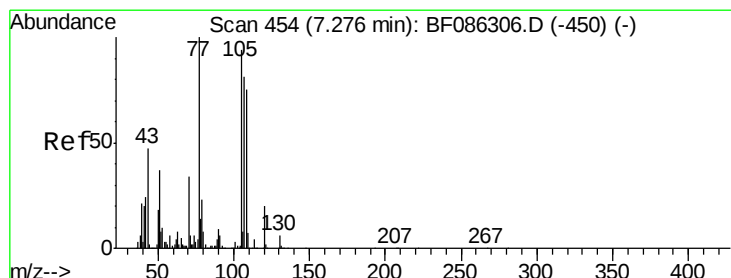
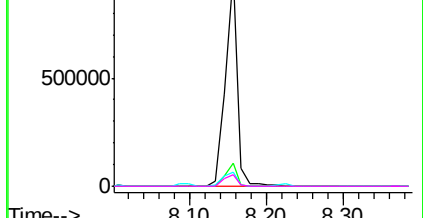


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.24 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:105 Resp: 1207065

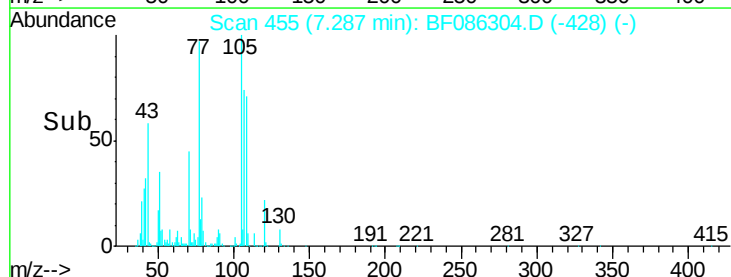
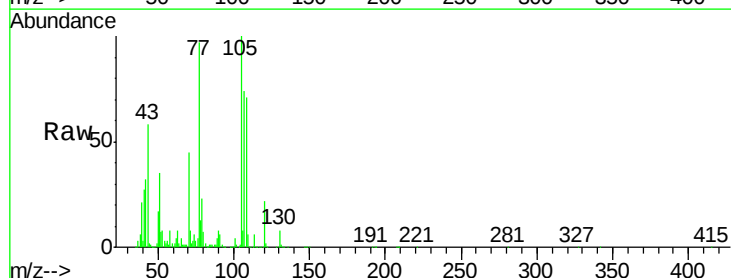
Ion Ratio Lower Upper

105 100

71 7.6 4.0 6.0#

51 34.8 22.0 33.0#

120 21.8 17.5 26.3

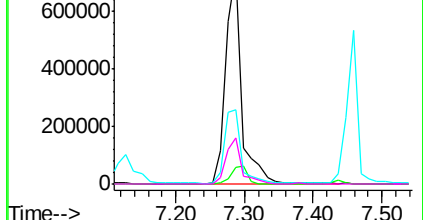


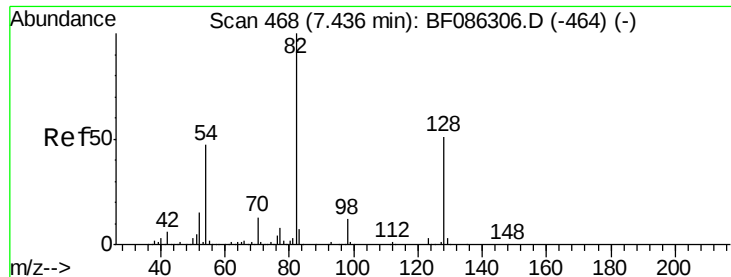
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





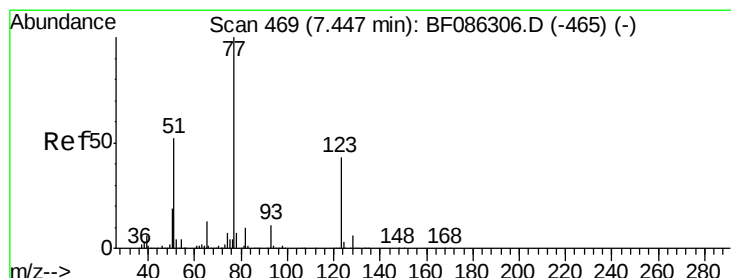
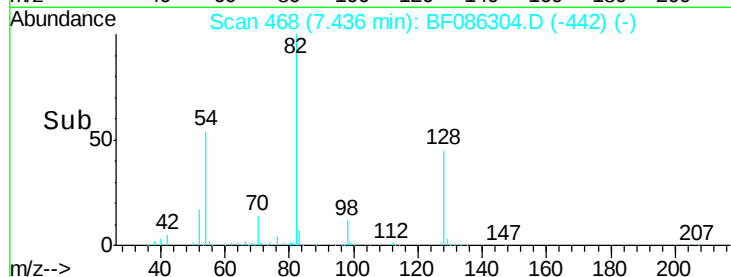
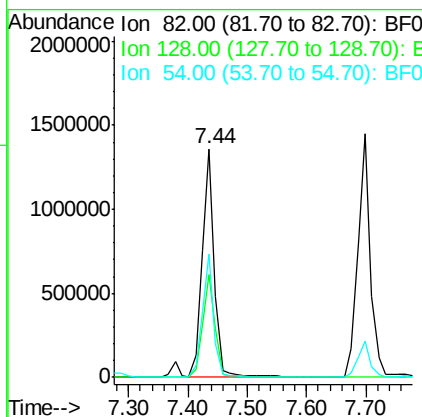
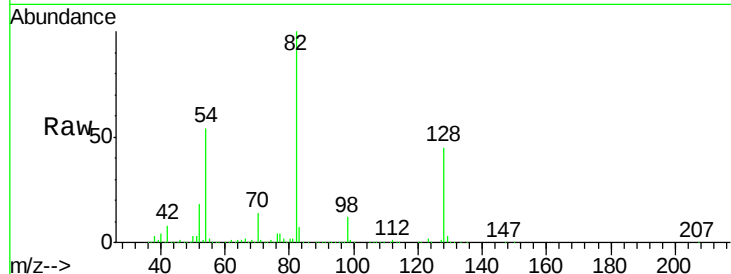
#23
Nitrobenzene-d5
Concen: 105.52 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	82	Resp	1970271
Ion Ratio	100	Lower	Upper
82	100		
128	45.0	35.4	53.2
54	54.2	43.4	65.0

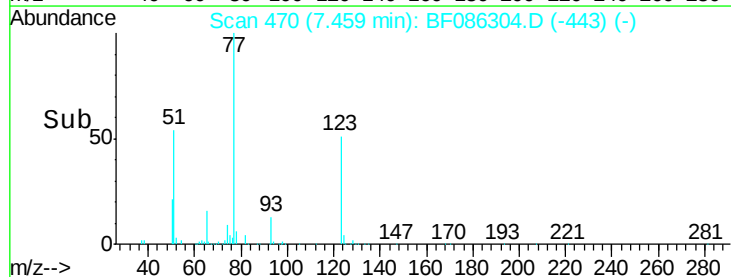
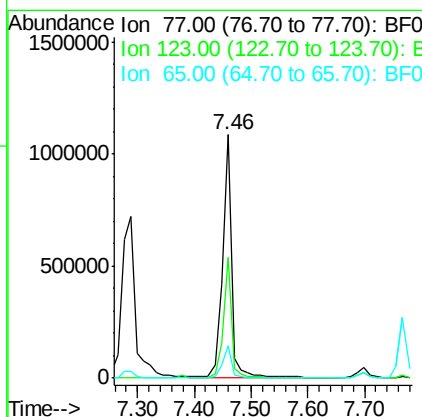
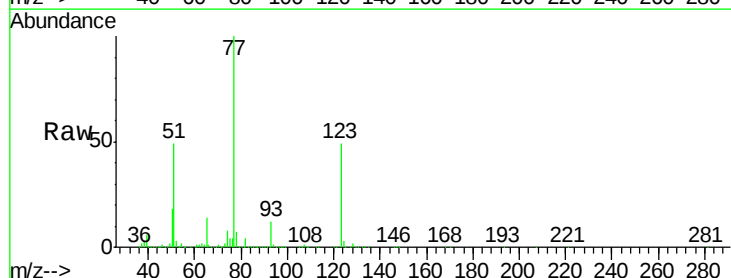
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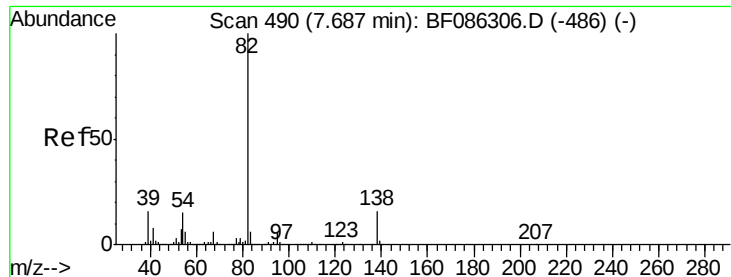
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#24
Nitrobenzene
Concen: 59.39 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	77	Resp	1212508
Ion Ratio	100	Lower	Upper
77	100		
123	49.4	38.3	57.5
65	13.5	11.3	16.9





#25

Isophorone

Concen: 57.58 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2133491

Ion Ratio Lower Upper

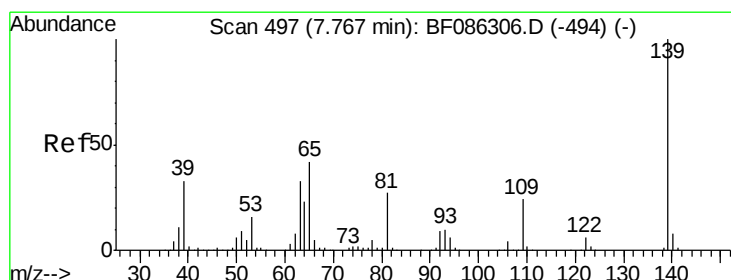
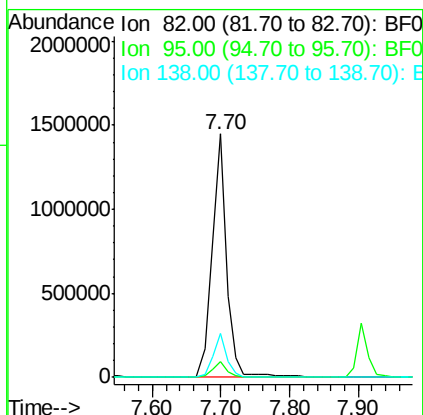
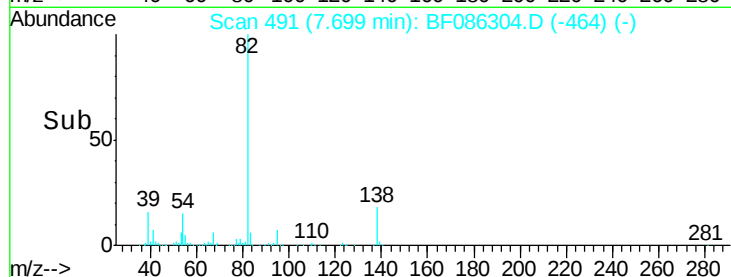
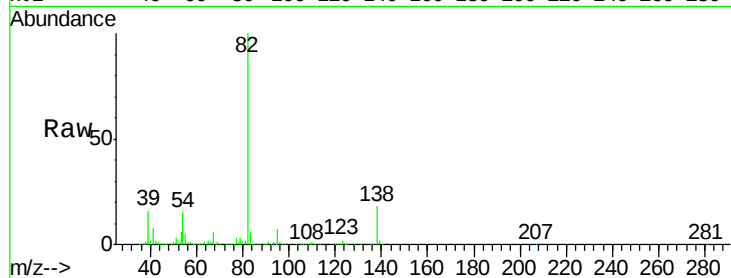
82 100

95 6.6 5.4 8.2

138 17.9 13.4 20.2

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#26

2-Nitrophenol

Concen: 63.10 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

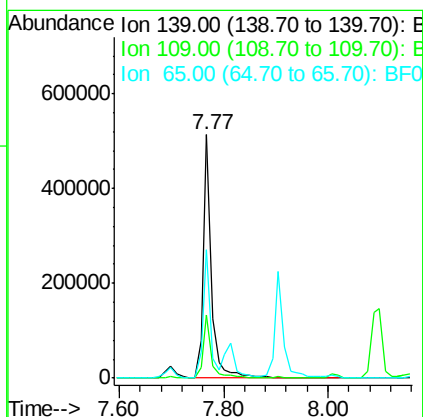
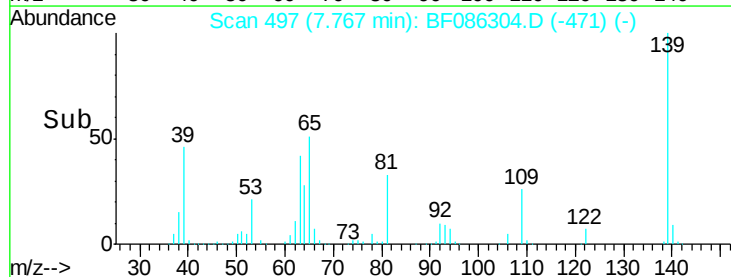
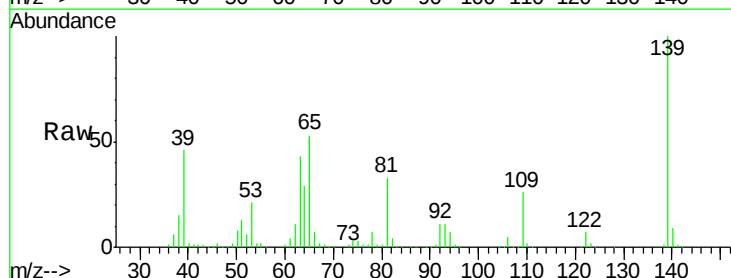
Tgt Ion: 139 Resp: 561612

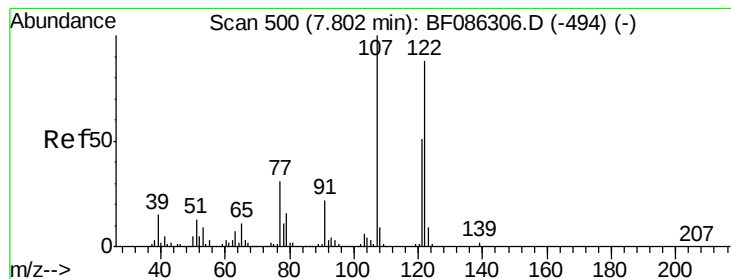
Ion Ratio Lower Upper

139 100

109 26.0 25.8 38.8

65 52.8 50.2 75.2





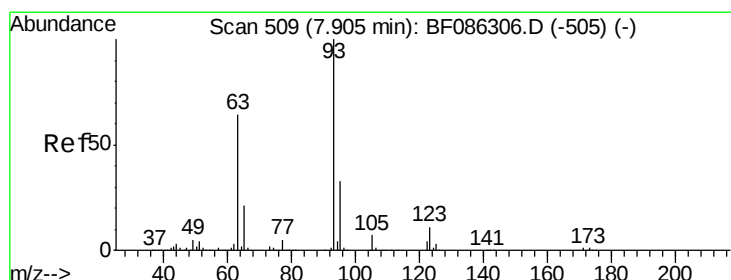
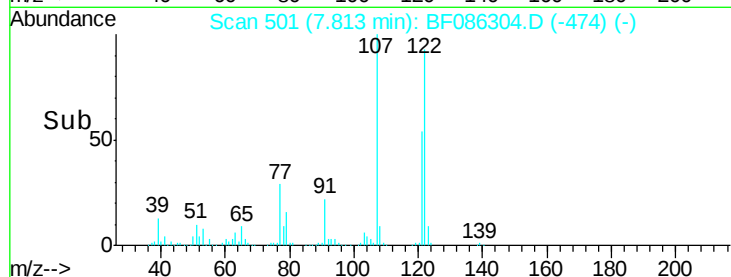
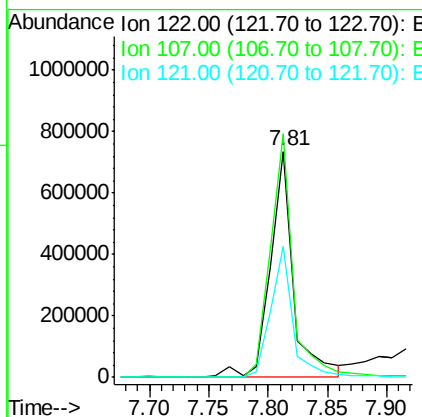
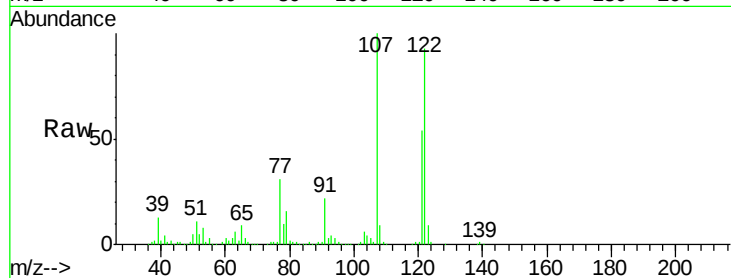
#27
 2,4-Dimethylphenol
 Concen: 55.63 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	999887		
107	107.8	85.8	128.6	
121	58.1	47.1	70.7	

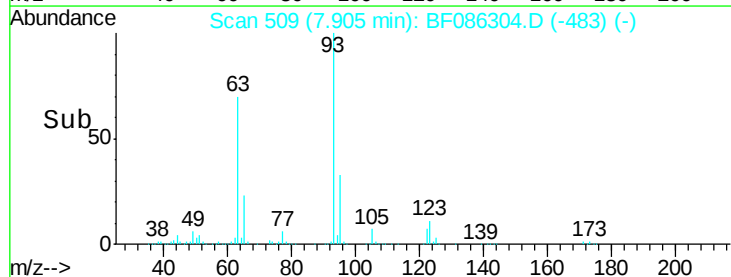
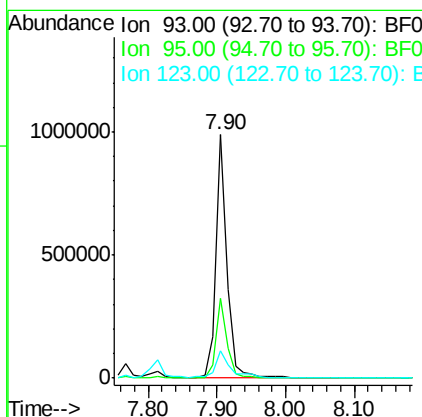
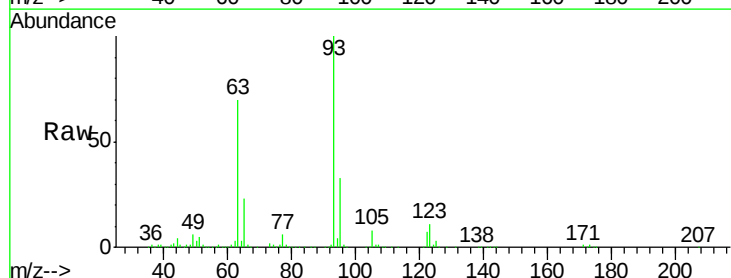
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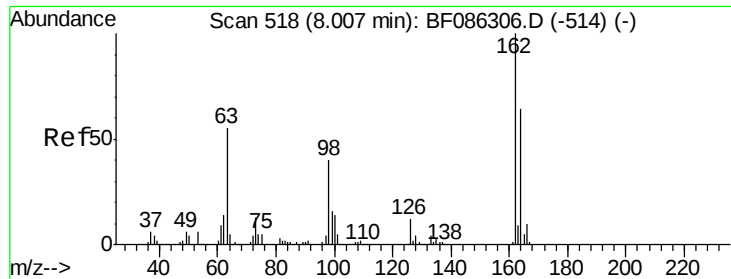
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.77 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1127741		
95	32.7	25.8	38.8	
123	11.2	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 57.79 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

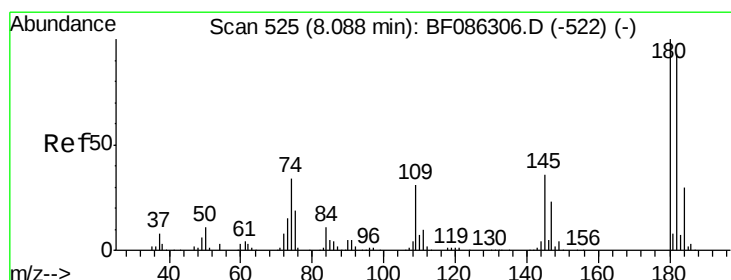
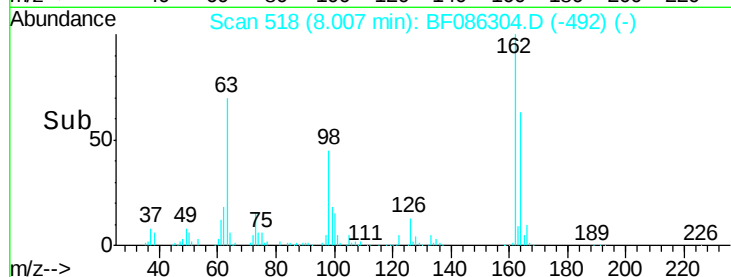
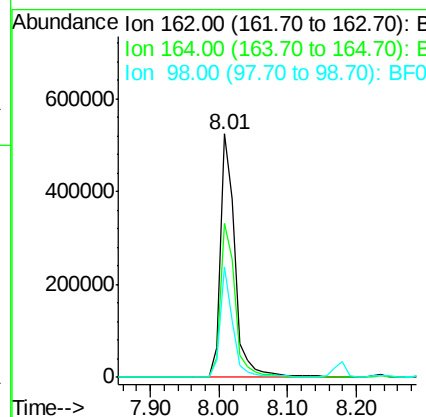
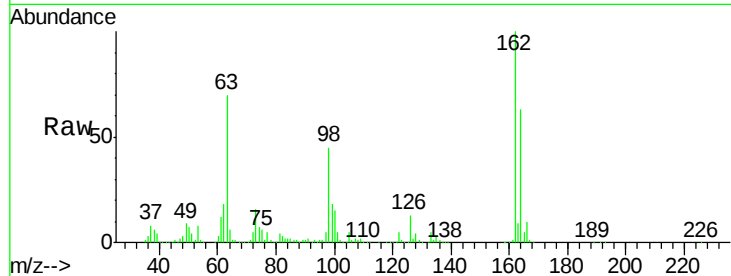
ClientSampleId :

SSTDIC060

Tot Ion:	162	Resp:	789770
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.3	83.3
98	45.2	22.9	62.9

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#30

1,2,4-Trichlorobenzene

Concen: 58.75 ng

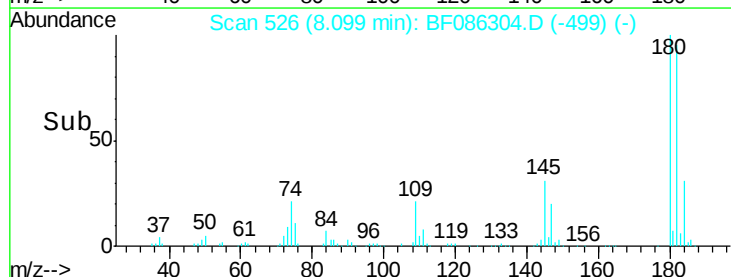
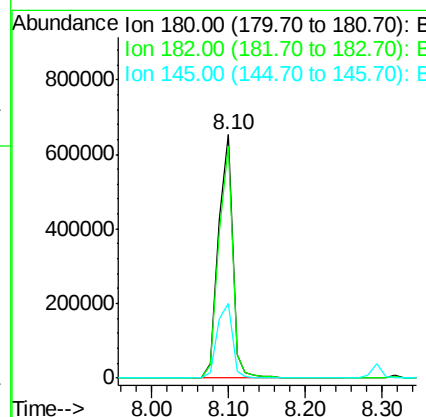
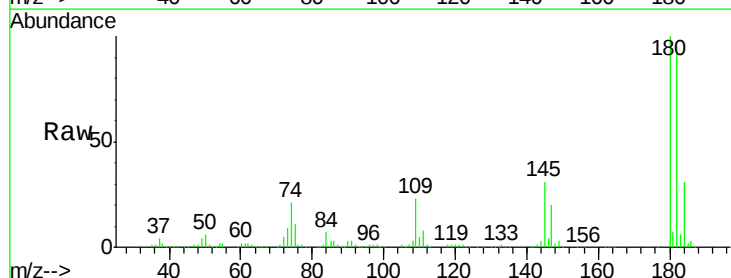
RT: 8.10 min Scan# 526

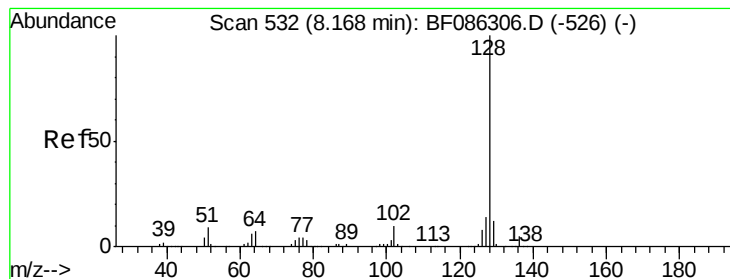
Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	180	Resp:	840186
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.3	114.5
145	30.8	27.4	41.2





#31

Naphthalene

Concen: 60.54 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 2911423

Ion Ratio Lower Upper

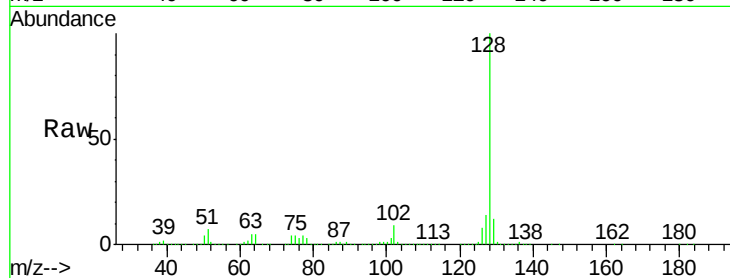
128 100

129 11.6 9.6 14.4

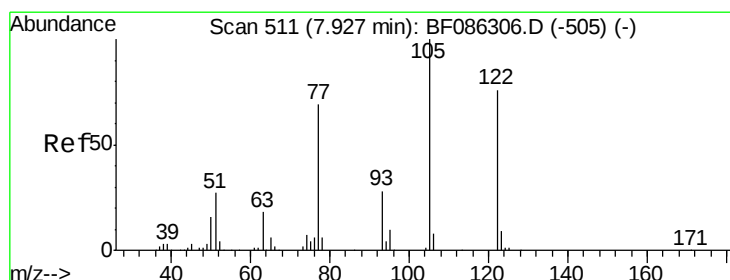
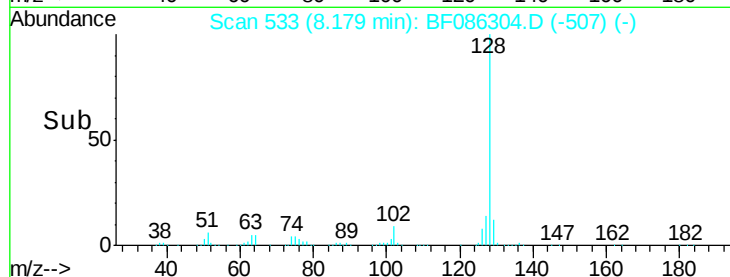
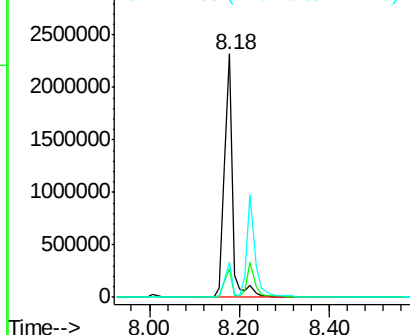
127 14.4 11.4 17.2

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



#32

Benzoic acid

Concen: 61.45 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

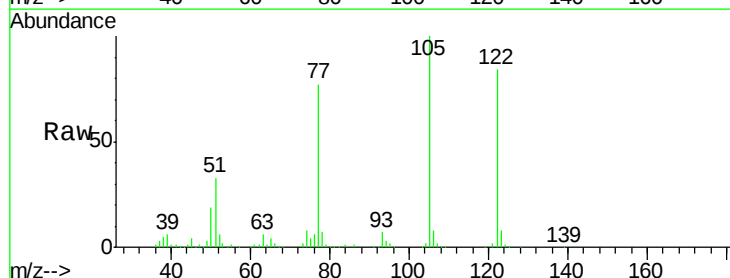
Tgt Ion:122 Resp: 706044

Ion Ratio Lower Upper

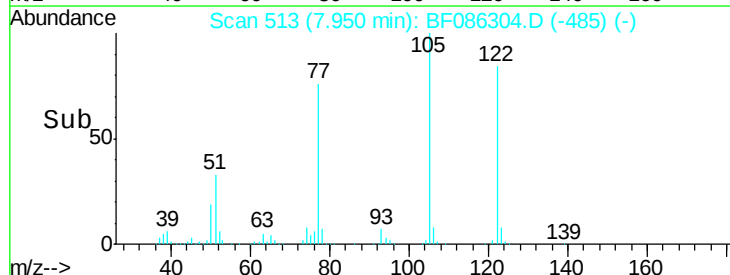
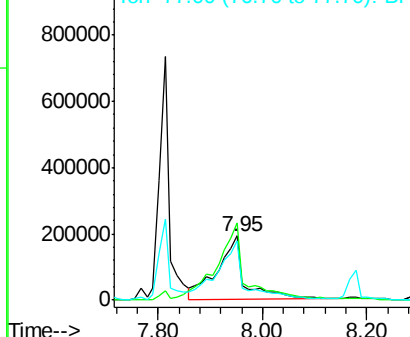
122 100

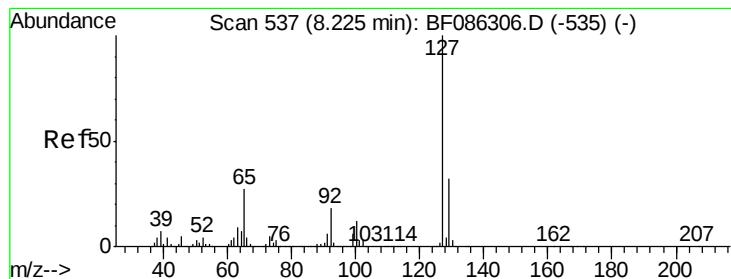
105 119.2 103.7 143.7

77 91.6 74.9 114.9



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





#33

4-Chloroaniline

Concen: 55.52 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

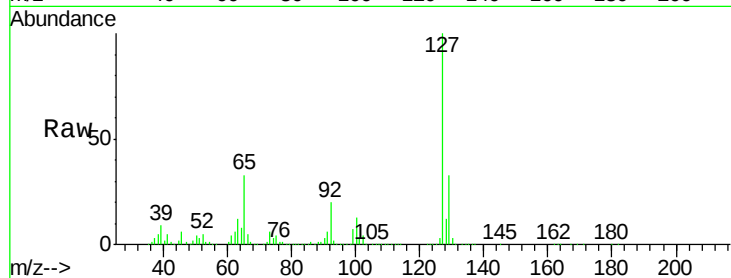
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.8	40.2		
65	32.8	27.1	40.7		
92	19.9	16.2	24.2		

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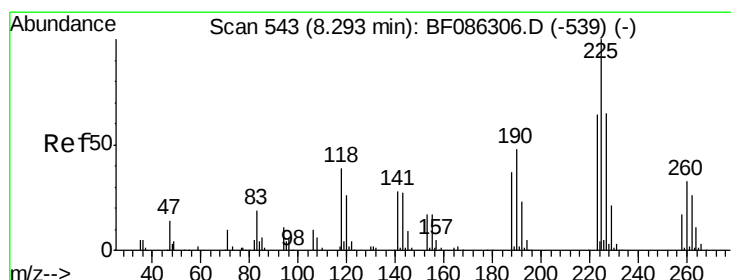
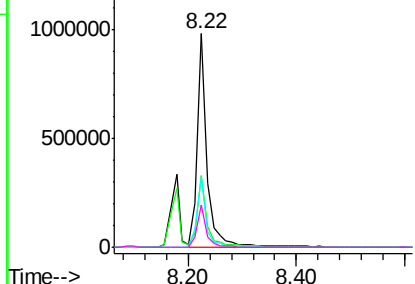
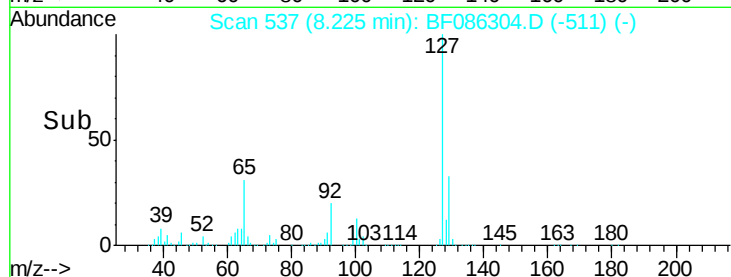


Abundance Ion 127.00 (126.70 to 127.70): E

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: 53.63 ng

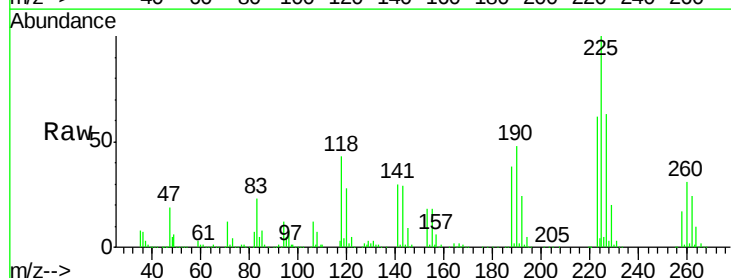
RT: 8.29 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

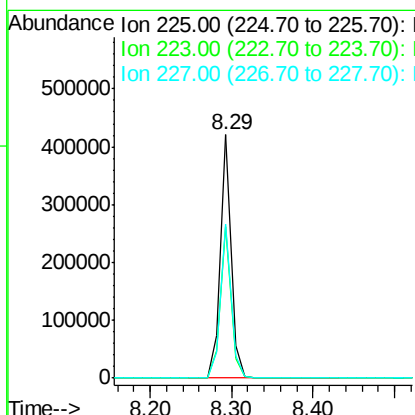
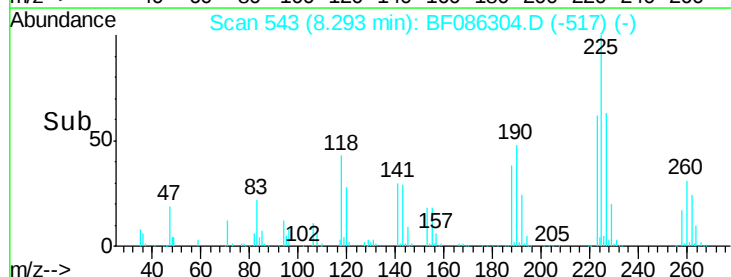
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.4	74.0		
227	63.3	51.1	76.7		

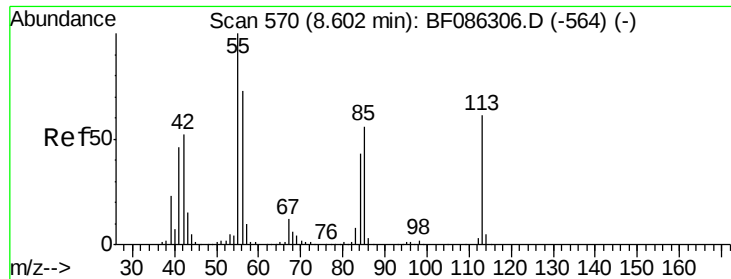


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 59.05 ng

RT: 8.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

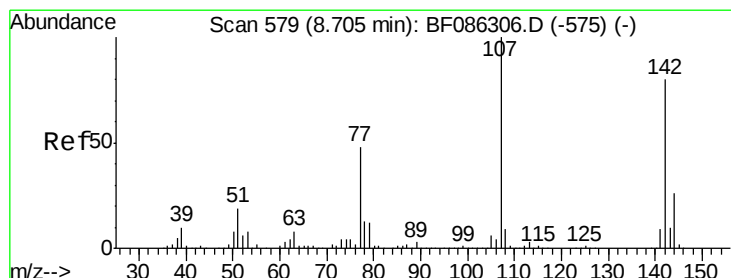
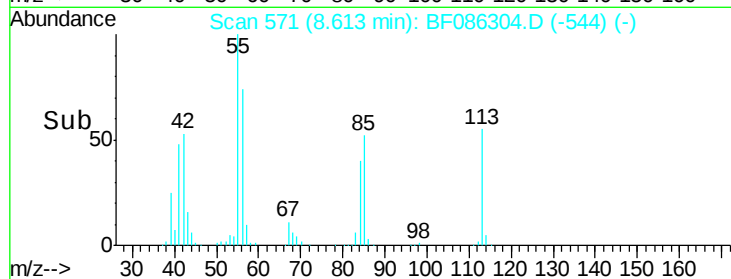
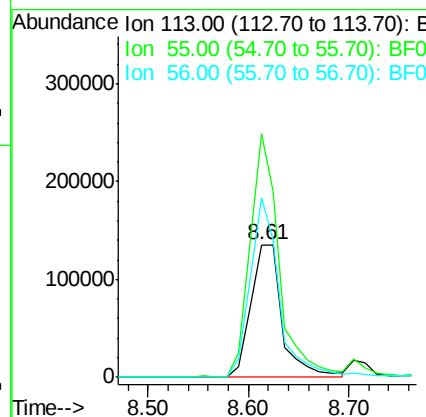
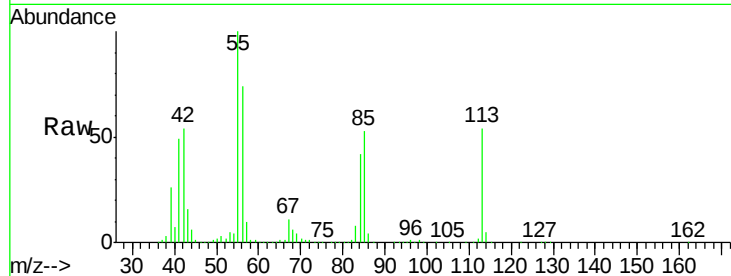
ClientSampleId :

SSTDIC060

Tot Ion:	113	Resp:	292149
Ion Ratio	Lower	Upper	
113	100		
55	183.8	117.5	157.5#
56	135.9	82.5	122.5#

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#36

4-Chloro-3-methylphenol

Concen: 55.46 ng

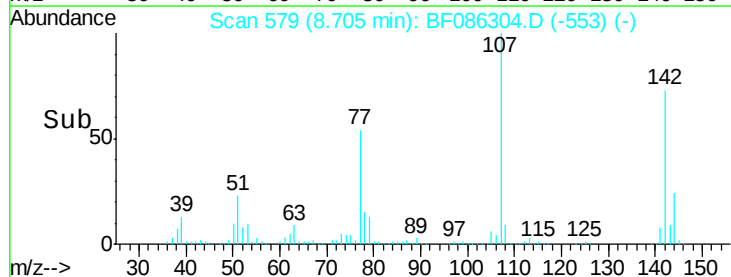
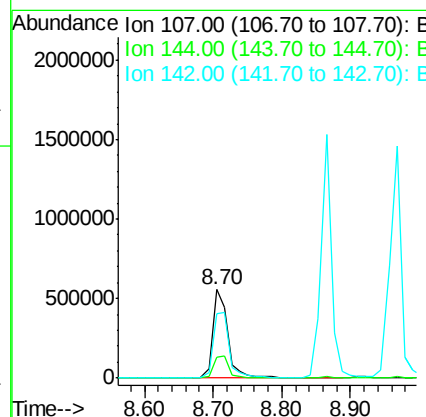
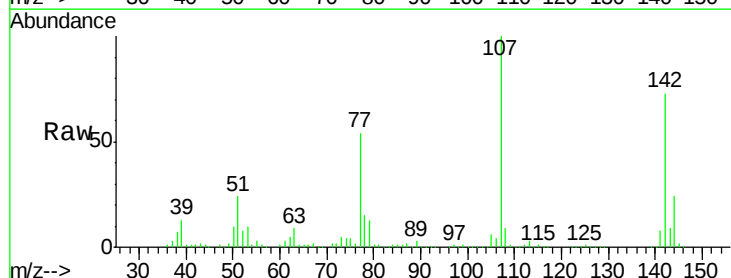
RT: 8.70 min Scan# 579

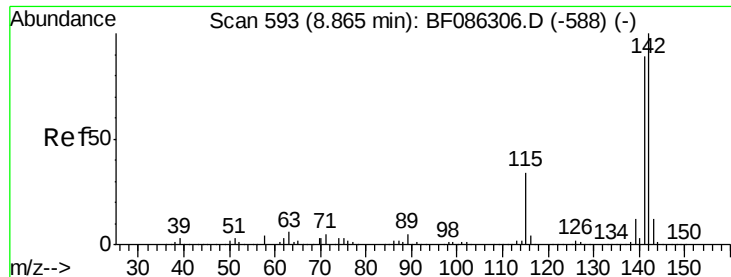
Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	107	Resp:	878251
Ion Ratio	Lower	Upper	
107	100		
144	23.8	20.7	31.1
142	73.3	64.5	96.7





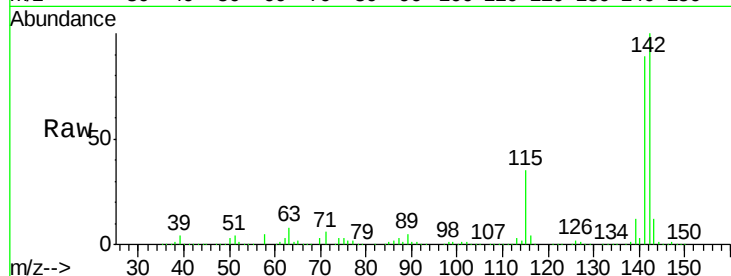
#37
2-Methylnaphthalene
Concen: 50.36 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

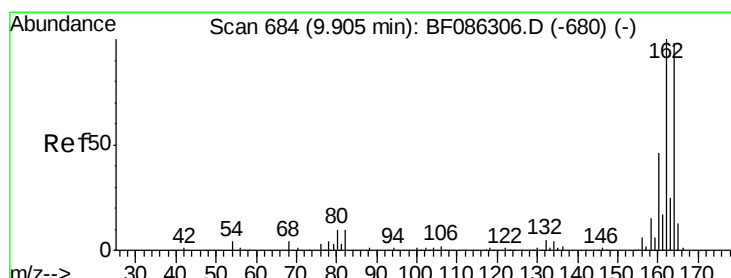
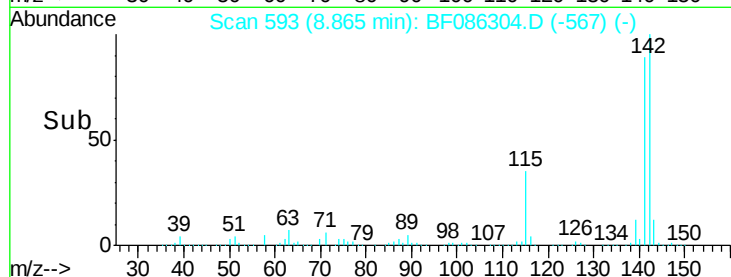
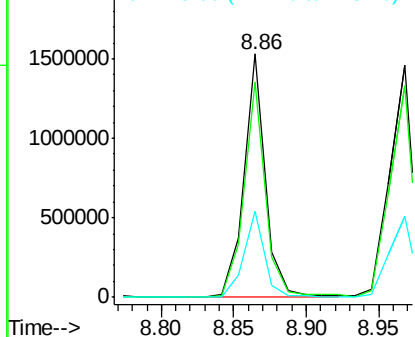
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7
115	35.3	25.1	37.7

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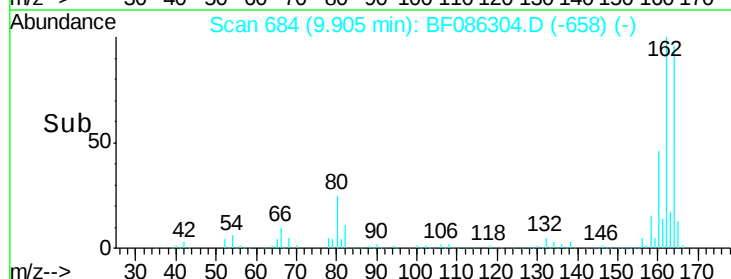
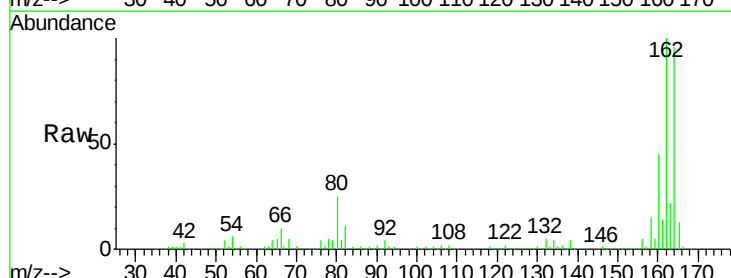
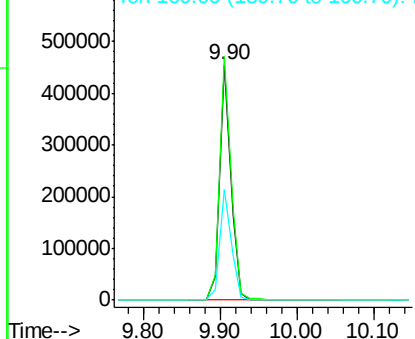
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

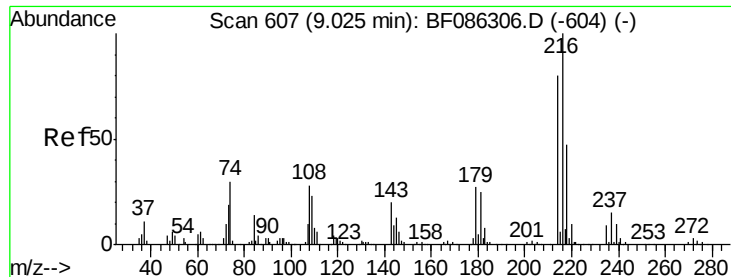


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.2	38.9	58.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





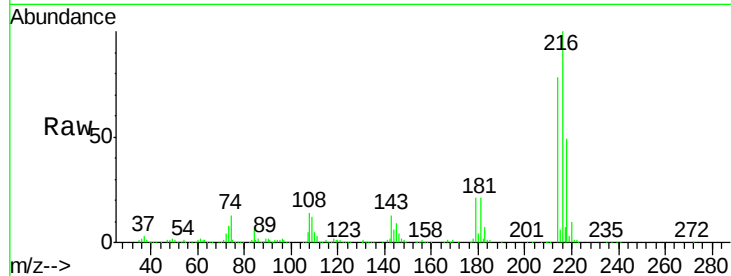
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 66.03 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

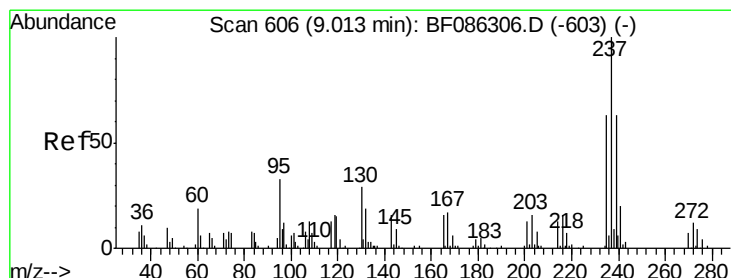
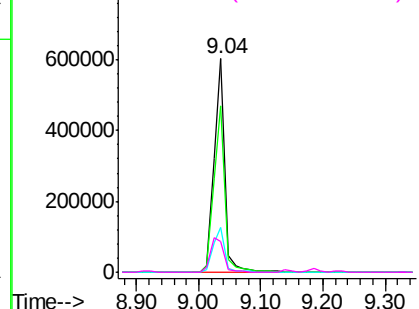
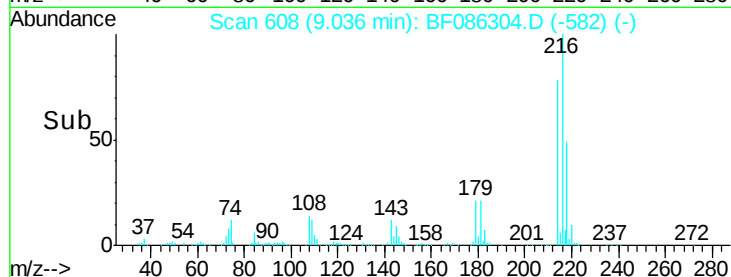
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		719510		
214	79.2	64.9	97.3		
179	22.7	19.8	29.6		
108	20.7	21.0	31.4		

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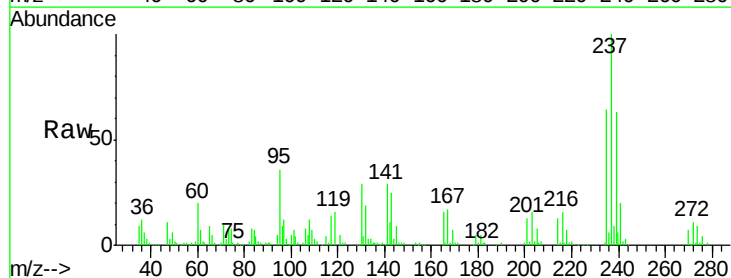


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

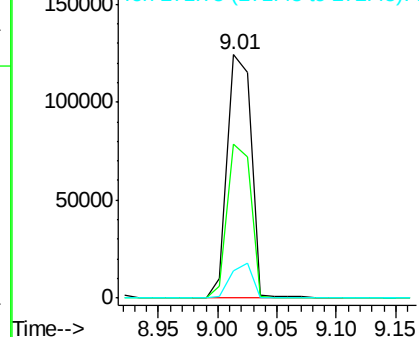
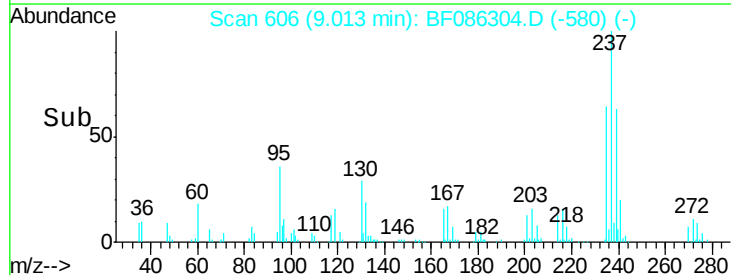


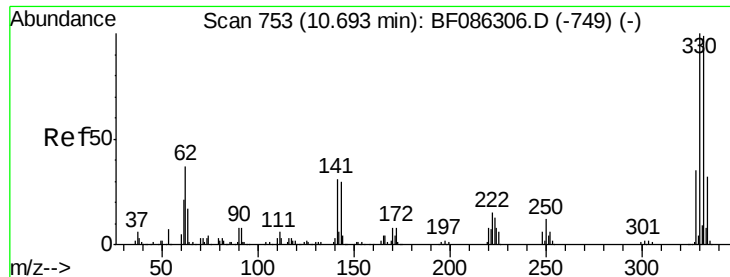
#40
 Hexachlorocyclopentadiene
 Concen: 31.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		174271		
235	63.5	44.0	84.0		
272	11.2	0.0	32.4		



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





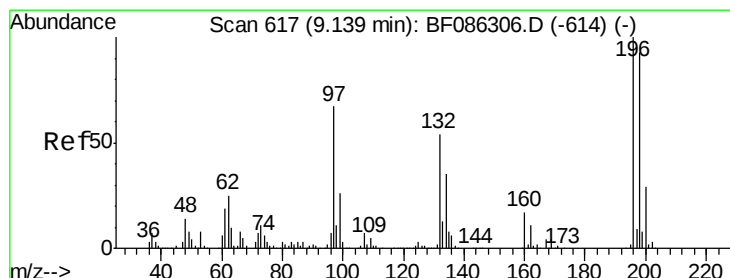
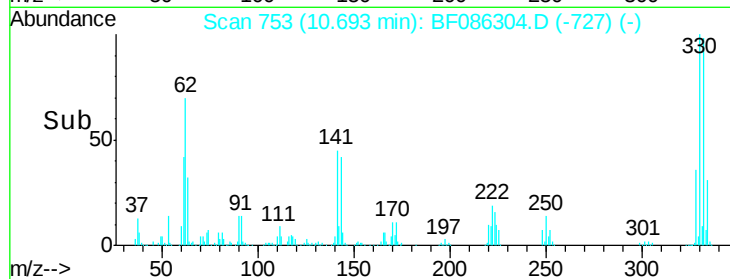
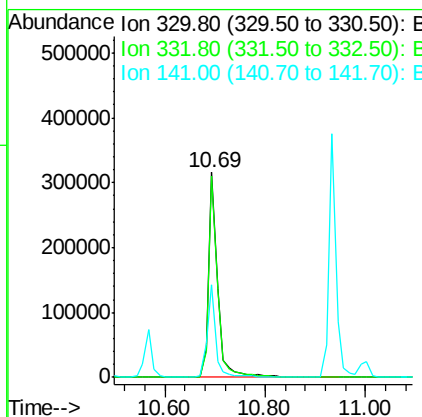
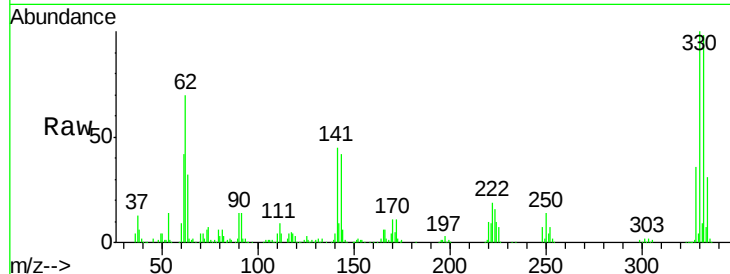
#41
 2,4,6-Tribromophenol
 Concen: 104.69 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	394804		
332	98.0	78.7	118.1	
141	43.9	28.6	42.8	

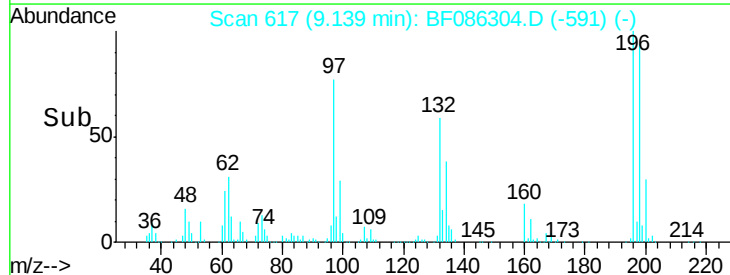
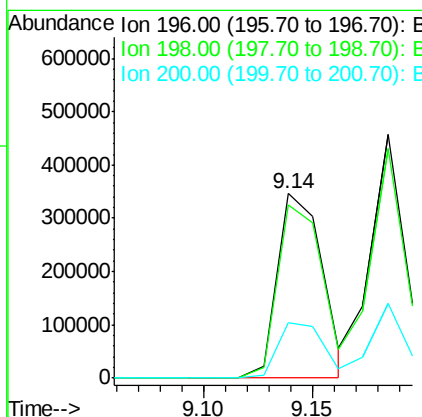
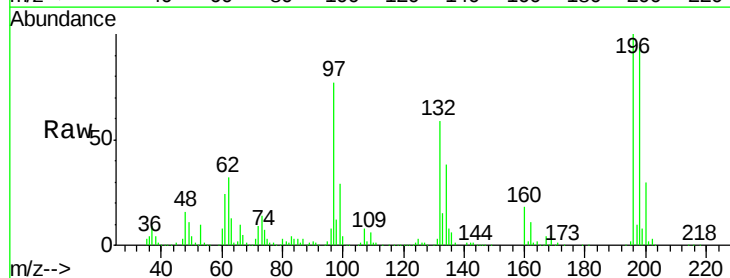
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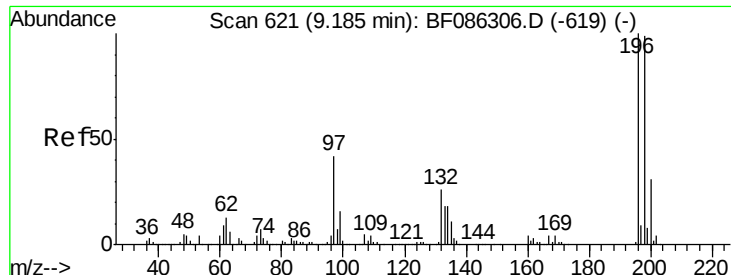
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#42
 2,4,6-Trichlorophenol
 Concen: 54.01 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	499669		
198	93.7	76.6	115.0	
200	30.0	25.3	37.9	





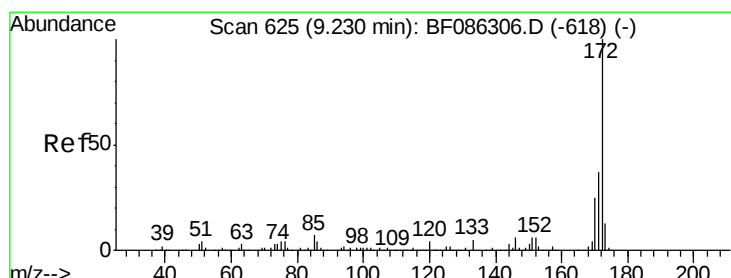
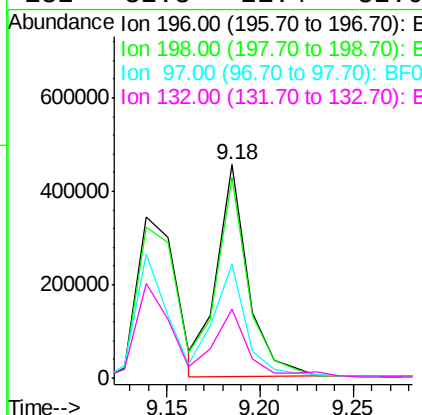
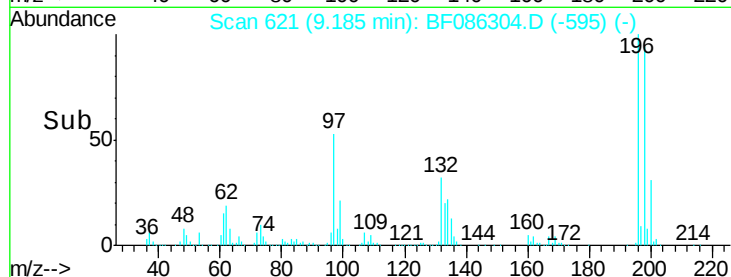
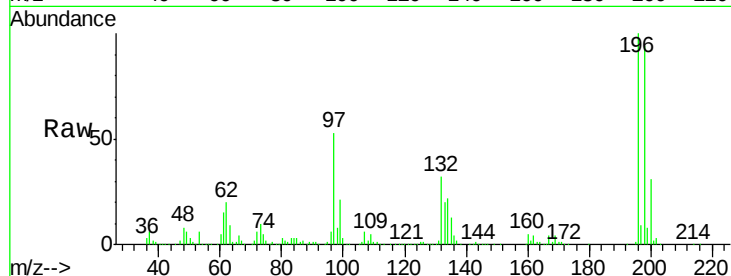
#43
2,4,5-Trichlorophenol
Concen: 59.08 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	528002		
198	94.1	77.7	116.5	
97	53.4	32.6	48.8	
132	32.3	21.4	32.0	

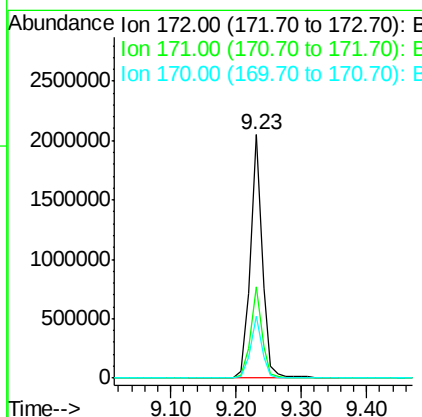
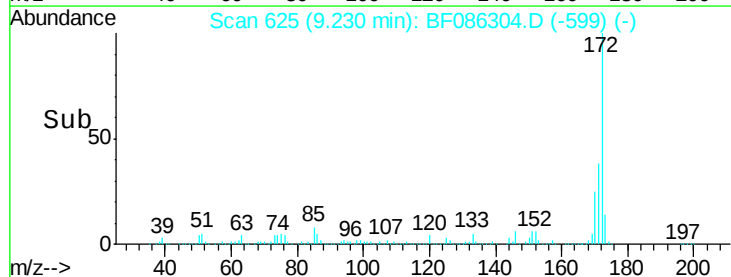
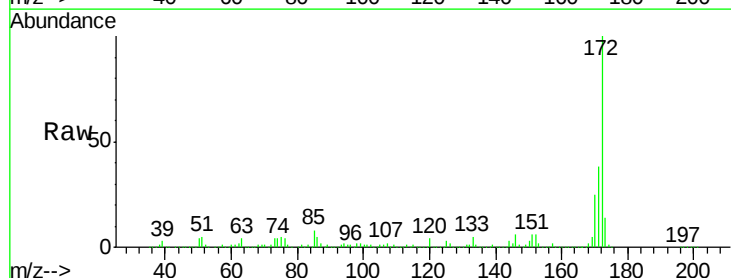
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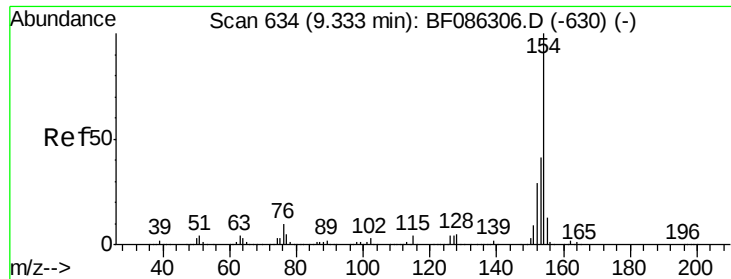
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#44
2-Fluorobiphenyl
Concen: 102.16 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2600072		
171	37.5	29.1	43.7	
170	25.4	19.9	29.9	





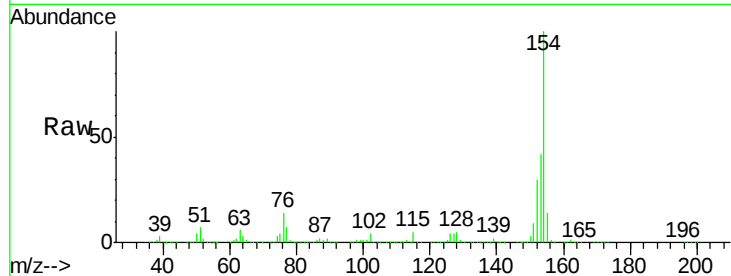
#45
 1,1'-Biphenyl
 Concen: 56.90 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

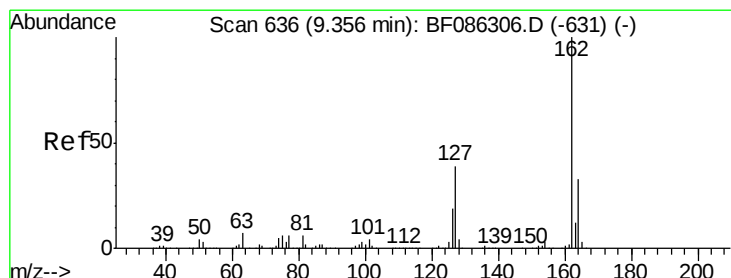
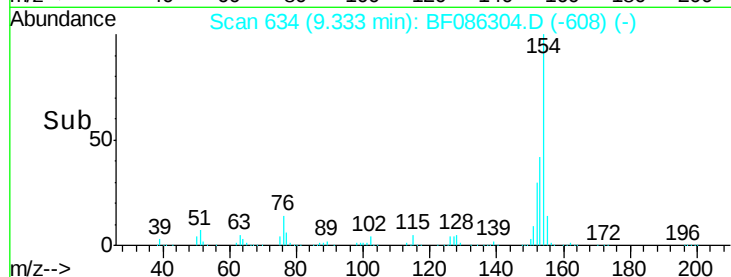
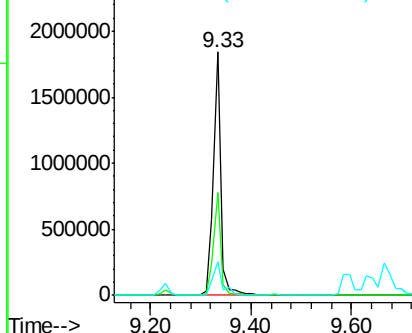
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.3	61.3
76	13.8	0.0	36.4

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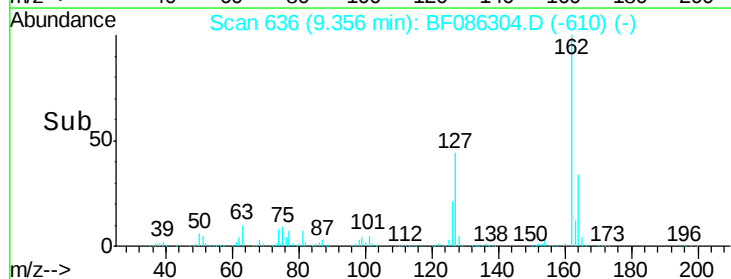
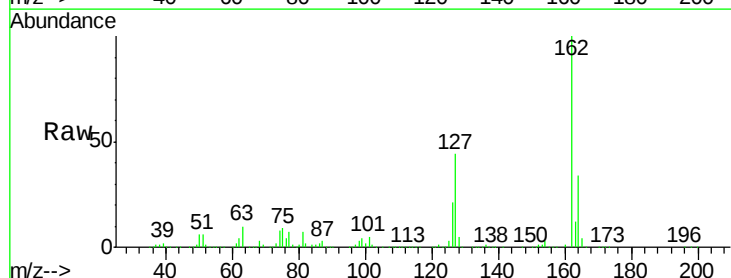
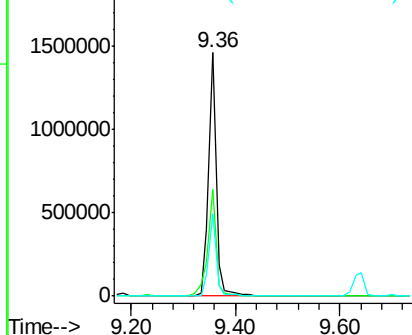
Abundance Ion 154.00 (153.70 to 154.70): E
 2500000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

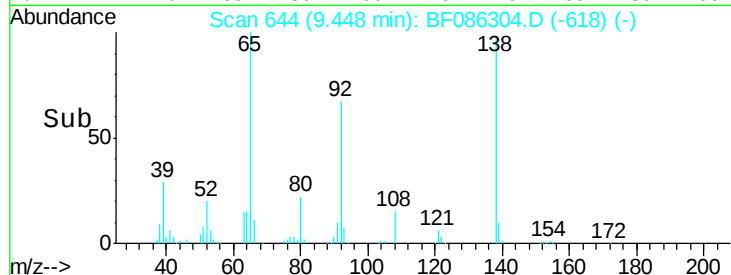
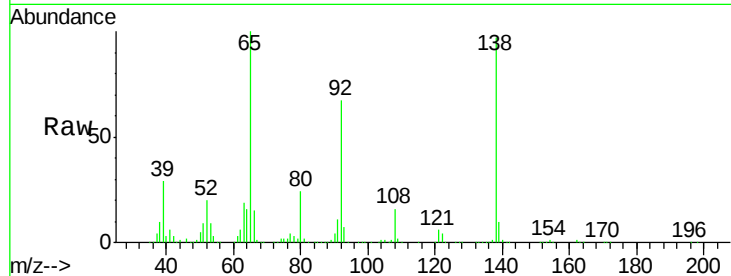
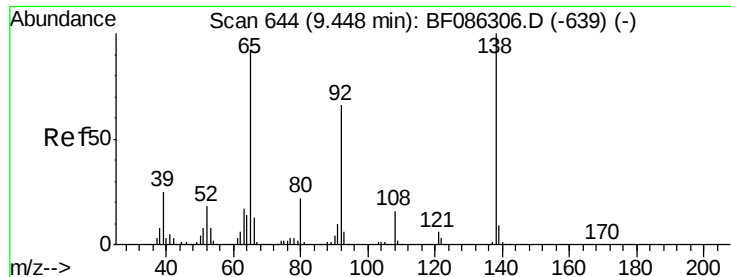


#46
 2-Chloronaphthalene
 Concen: 54.37 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	36.7	55.1
164	34.0	26.4	39.6

Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





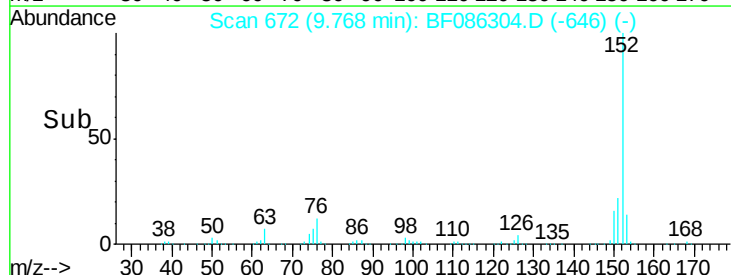
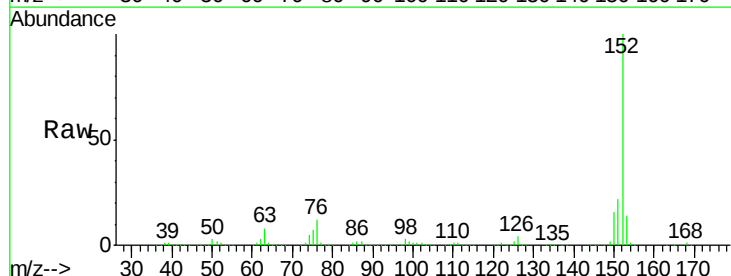
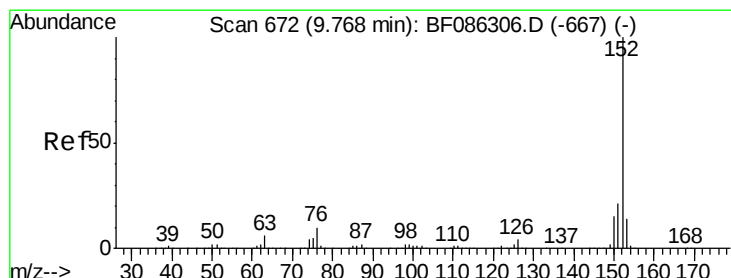
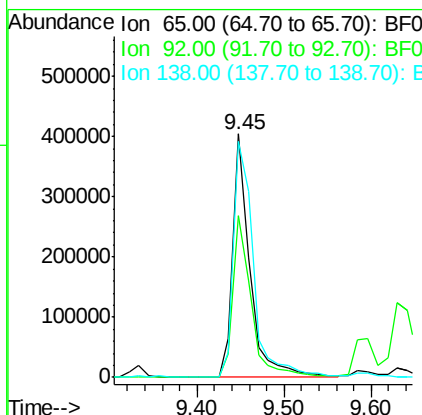
#47
2-Nitroaniline
Concen: 62.05 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tot Ion	Ratio	Resp	Lower	Upper
65	100	554885		
92	66.5		51.9	77.9
138	97.1		72.6	108.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

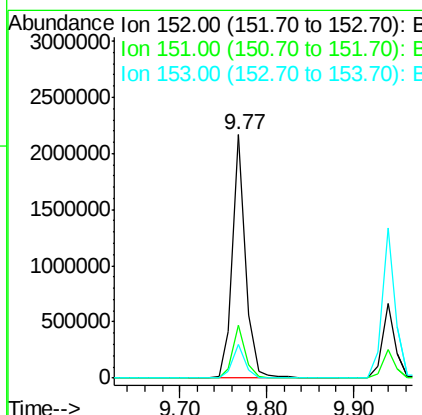
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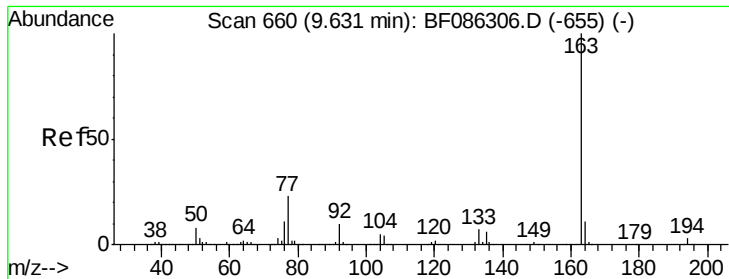
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#48
Acenaphthylene
Concen: 51.43 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	2258934		
151	21.5		17.2	25.8
153	14.0		10.7	16.1





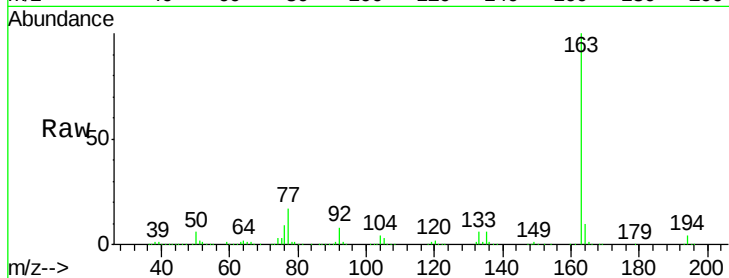
#49
Dimethylphthalate
Concen: 59.86 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

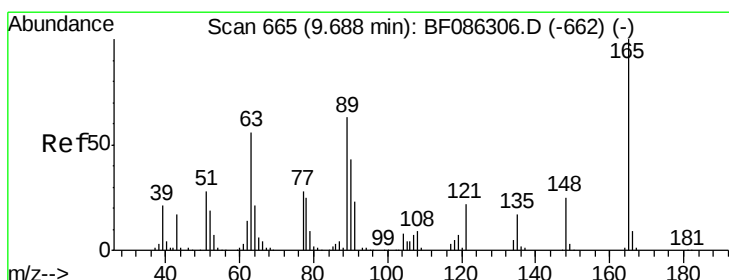
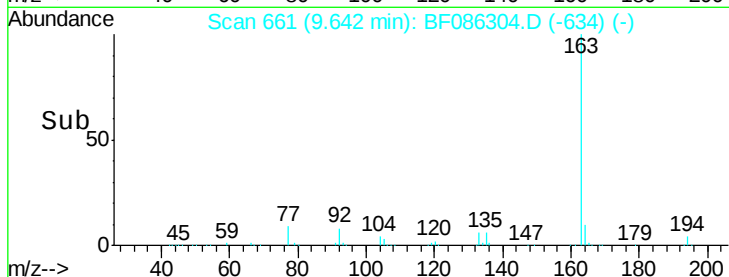
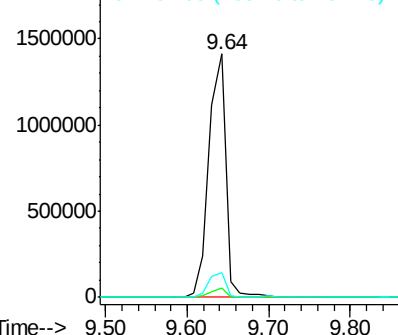
Tot Ion:163 Resp: 2044107
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.4 12.6

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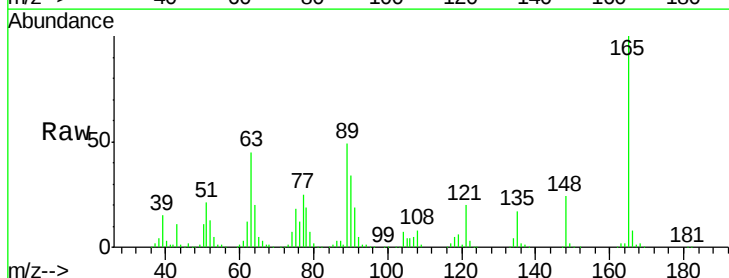


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

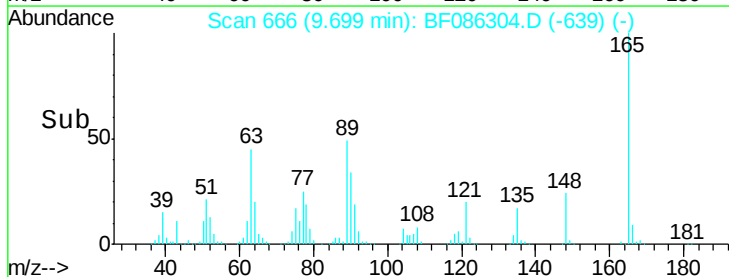
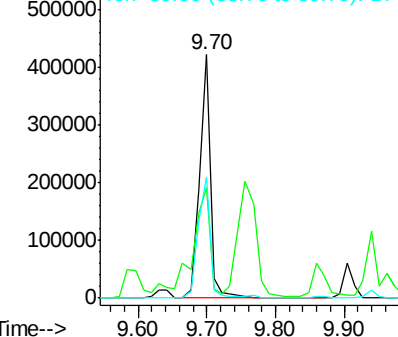


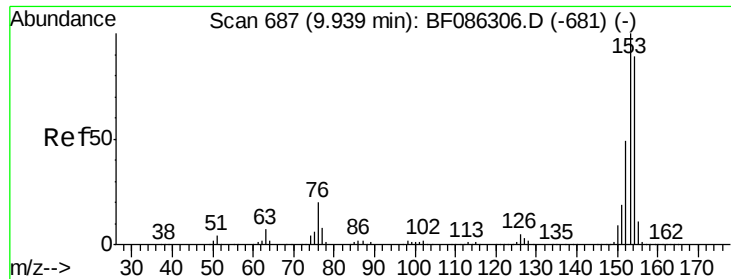
#50
2,6-Dinitrotoluene
Concen: 62.62 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion:165 Resp: 473199
Ion Ratio Lower Upper
165 100
63 45.3 35.1 52.7
89 49.3 39.8 59.6



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





#51

Acenaphthene

Concen: 51.37 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1347692

Ion Ratio Lower Upper

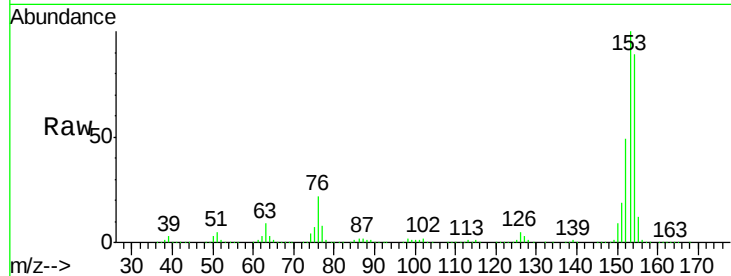
154 100

153 112.4 90.0 135.0

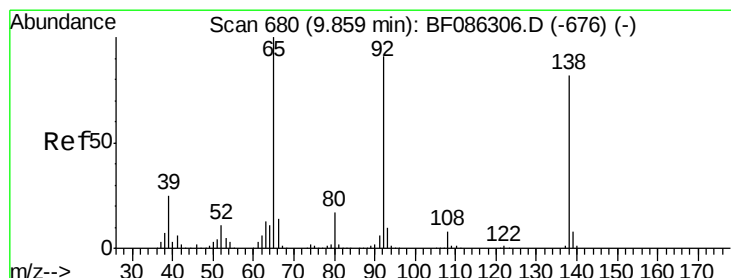
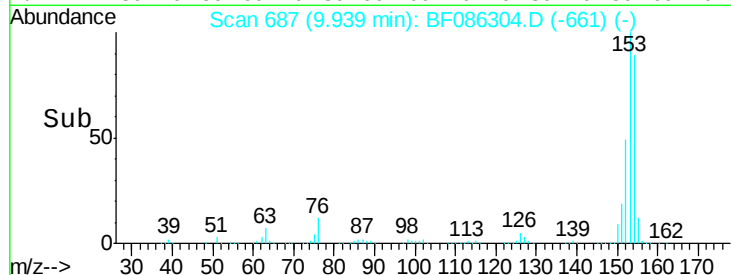
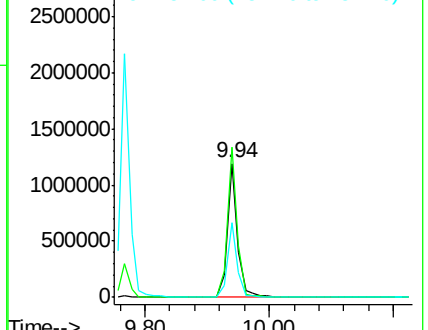
152 55.4 44.3 66.5

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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: 59.28 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

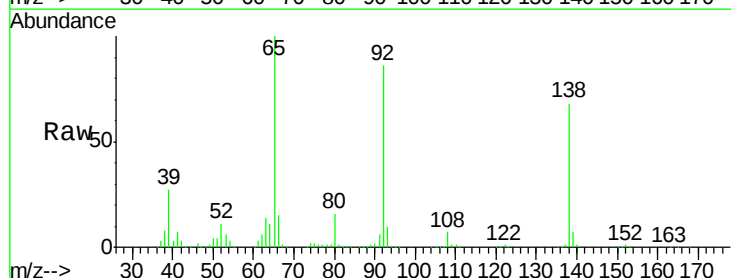
Tgt Ion:138 Resp: 544284

Ion Ratio Lower Upper

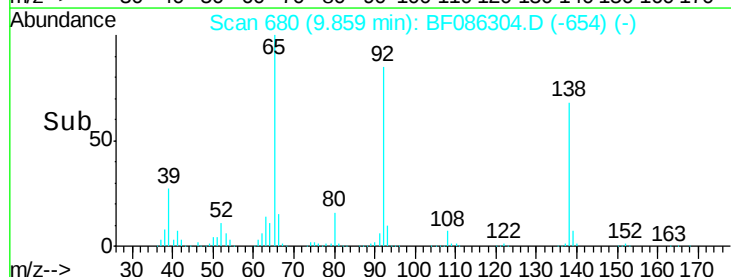
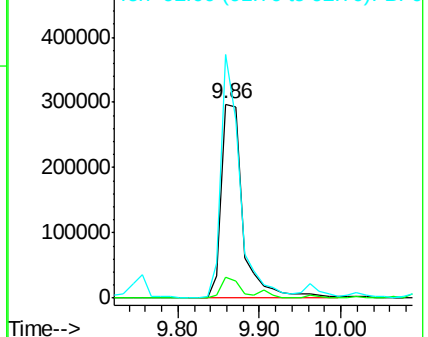
138 100

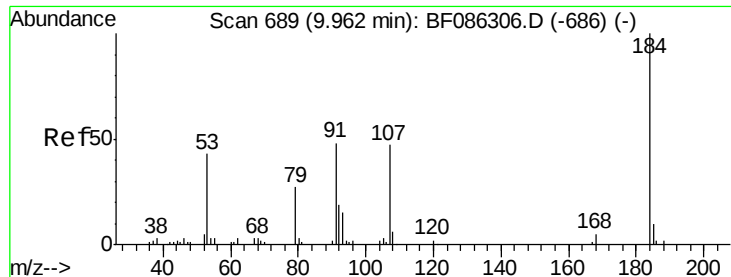
108 10.6 9.0 13.4

92 125.3 99.3 148.9



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





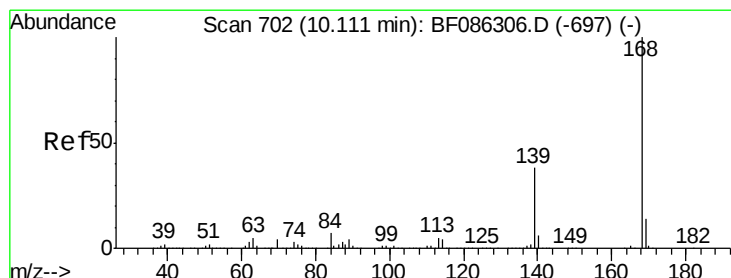
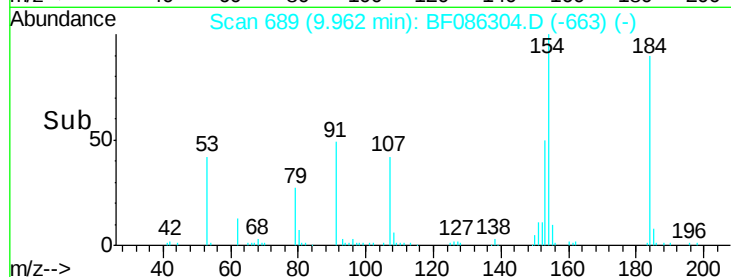
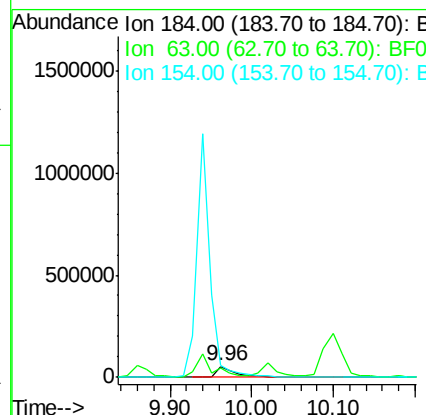
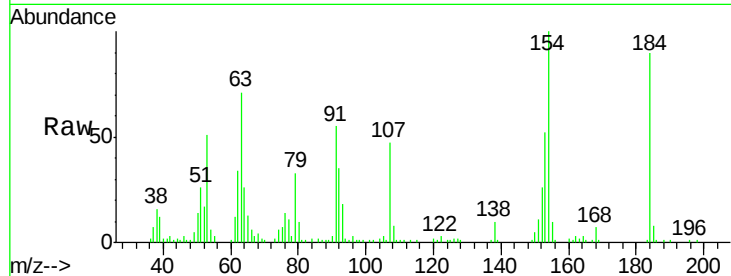
#53
2,4-Dinitrophenol
Concen: 37.56 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	78.7	64.7	97.1	
154	111.6	59.4	89.2	

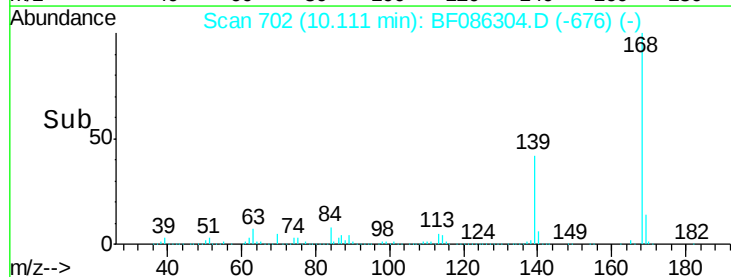
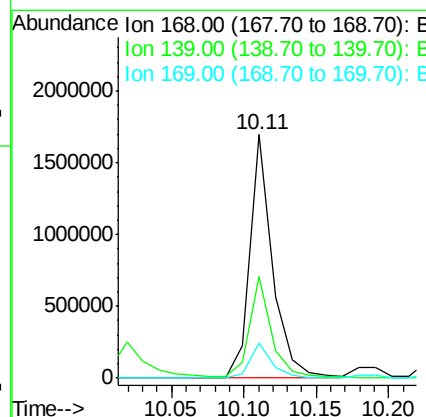
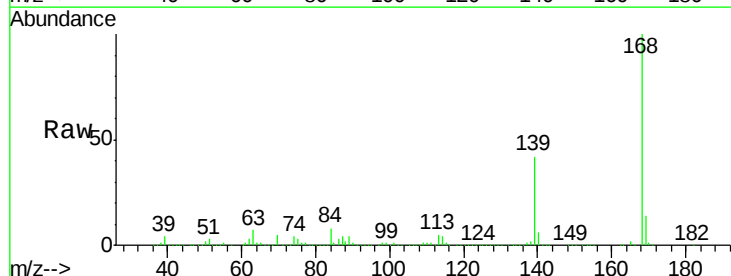
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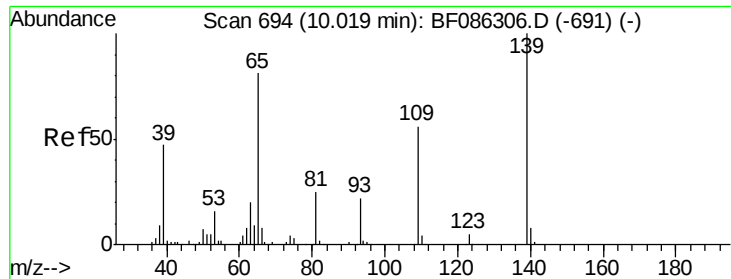
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#54
Dibenzofuran
Concen: 53.42 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	29.5	44.3	
169	14.2	10.6	16.0	





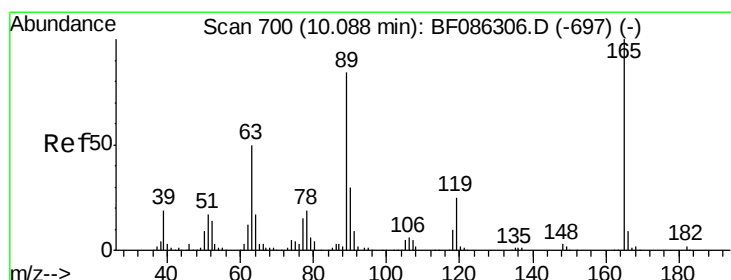
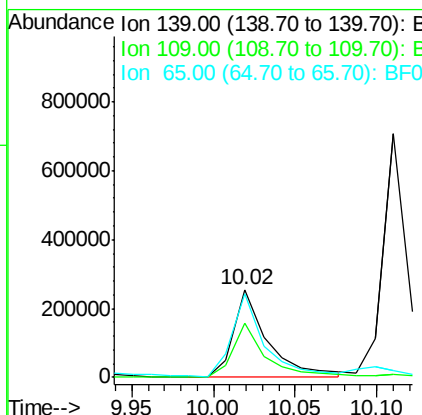
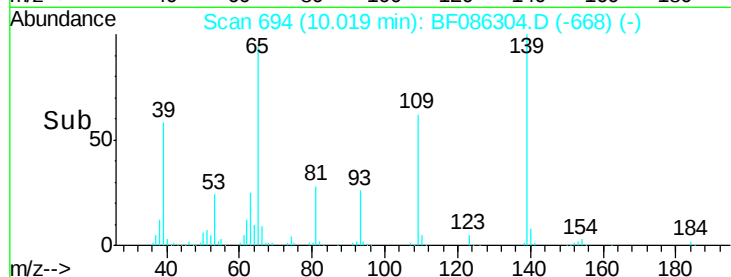
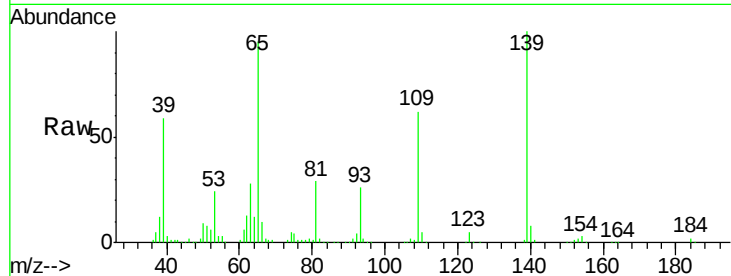
#55
4-Nitrophenol
Concen: 51.45 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	369564		
109	61.6	55.0	95.0	
65	95.1	87.3	127.3	

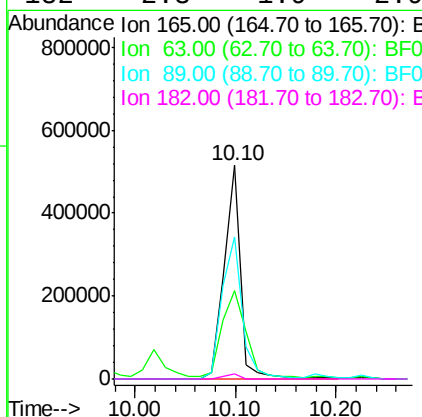
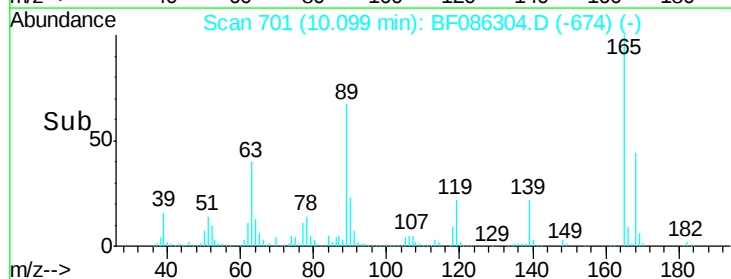
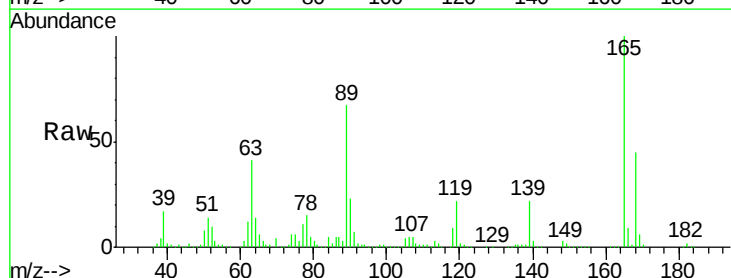
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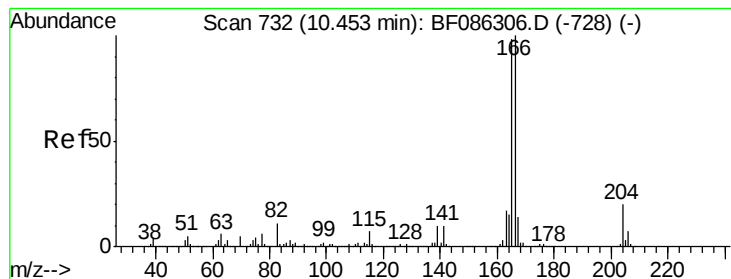
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#56
2,4-Dinitrotoluene
Concen: 60.73 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	587456		
63	41.2	26.6	40.0#	
89	66.8	49.5	74.3	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 45.74 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1318480

Ion Ratio Lower Upper

166 100

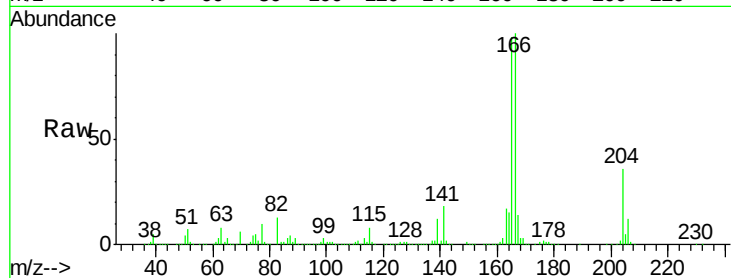
165 98.3 78.6 117.8

167 13.9 10.4 15.6

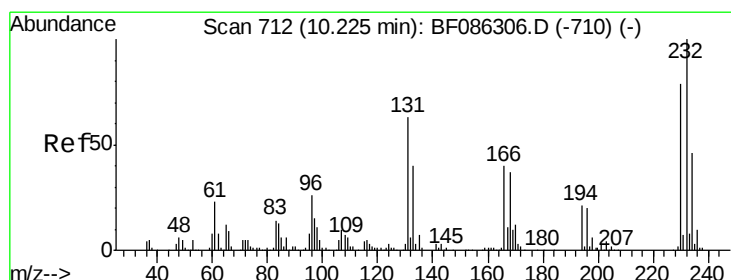
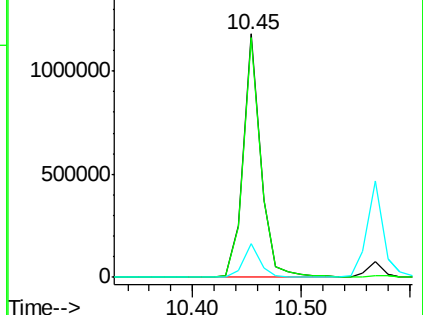
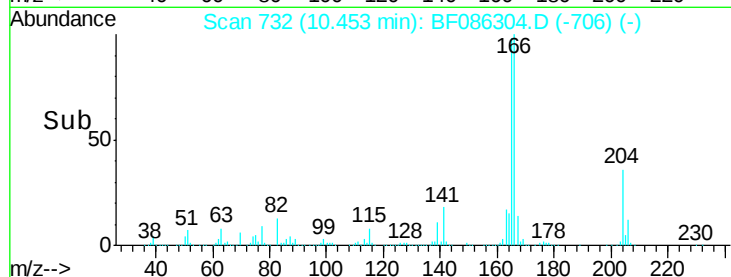
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.42 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:232 Resp: 366236

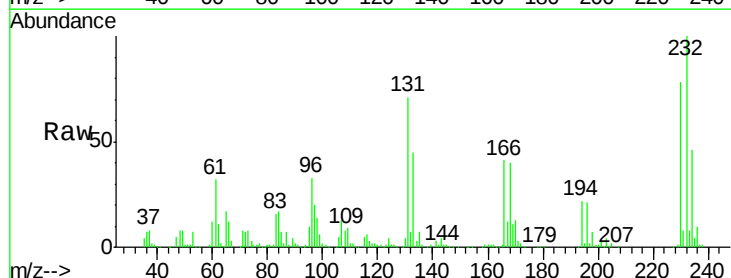
Ion Ratio Lower Upper

232 100

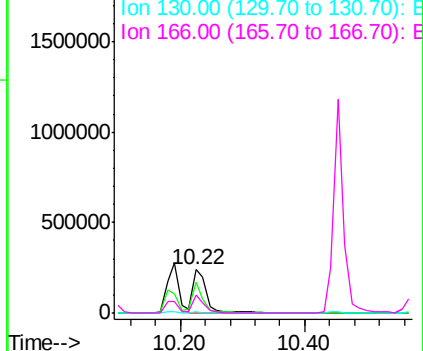
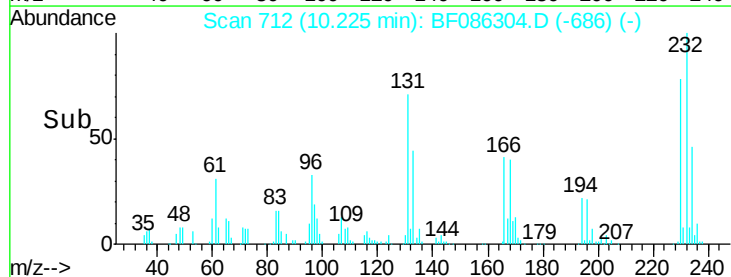
131 57.4 46.6 70.0

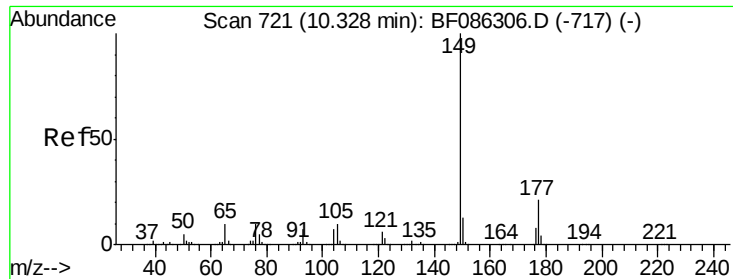
130 2.9 2.5 3.7

166 33.6 28.3 42.5



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





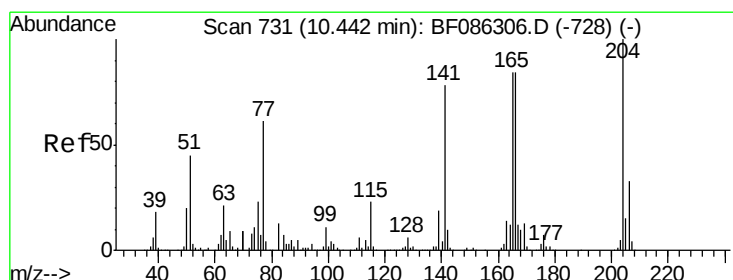
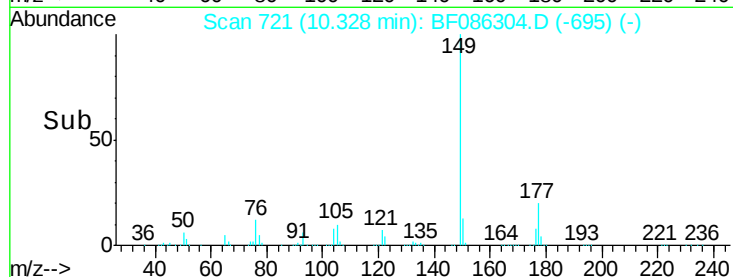
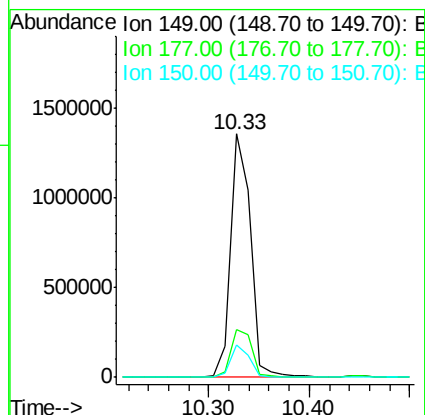
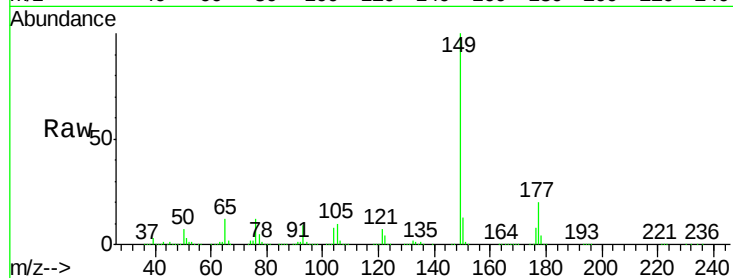
#59
Diethylphthalate
Concen: 53.09 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.0	25.6
150	13.3	10.2	15.4

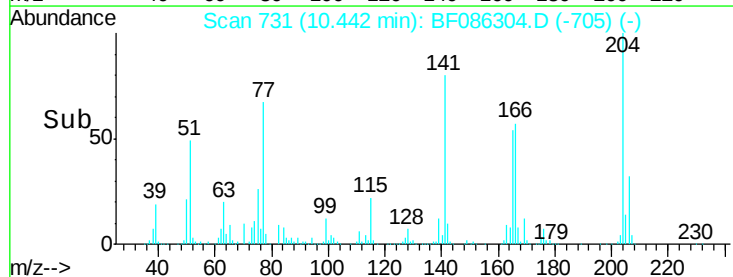
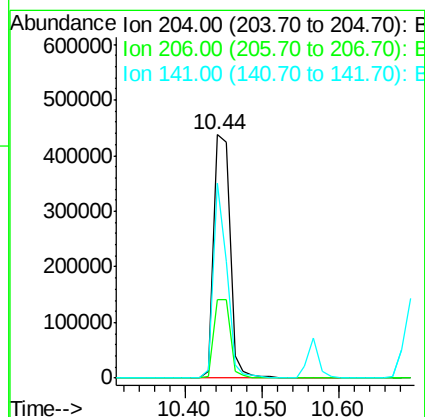
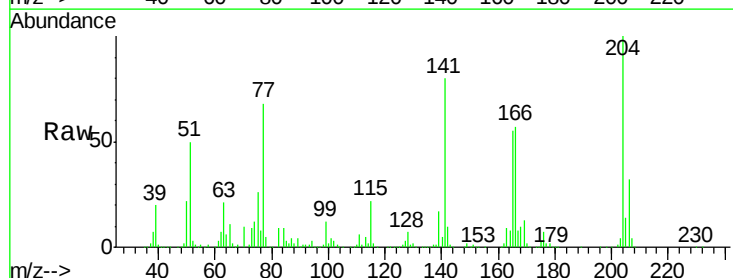
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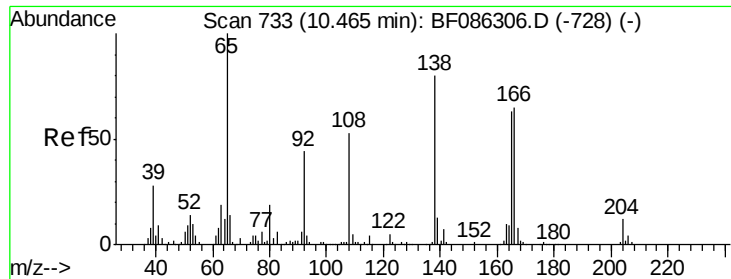
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#60
4-Chlorophenyl-phenylether
Concen: 54.34 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	80.3	55.4	83.0





#61

4-Nitroaniline

Concen: 62.99 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

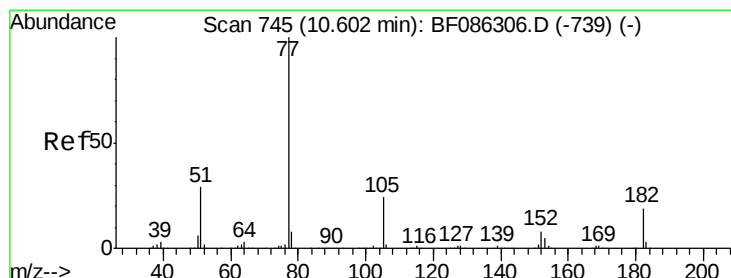
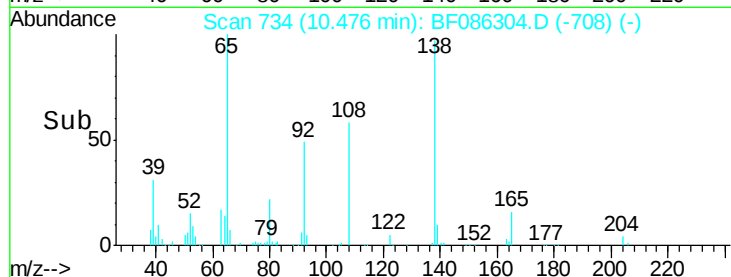
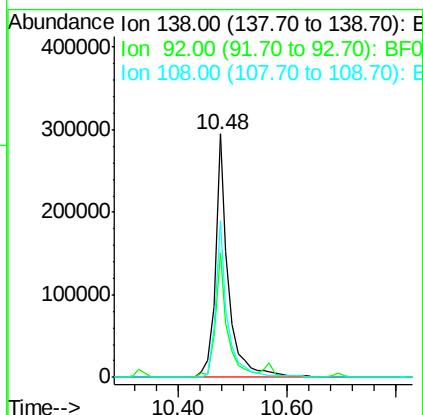
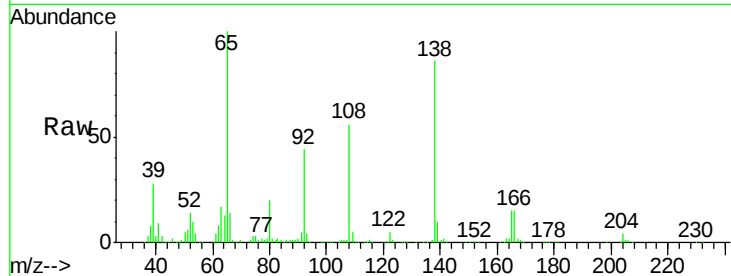
ClientSampleId :

SSTDICC060

Tot Ion:	138	Resp:	499888
Ion Ratio	Lower	Upper	
138	100		
92	51.0	31.9	71.9
108	64.2	58.7	98.7

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#62

Azobenzene

Concen: 53.36 ng

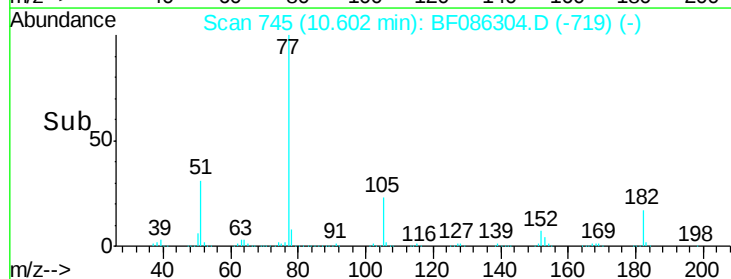
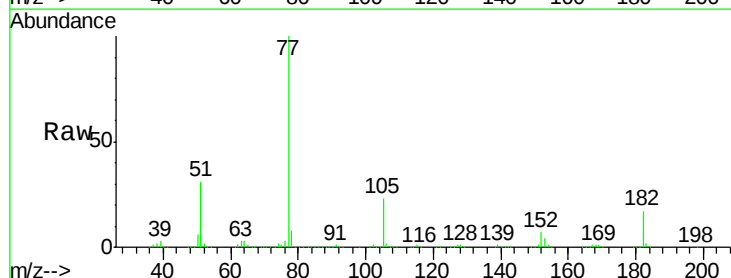
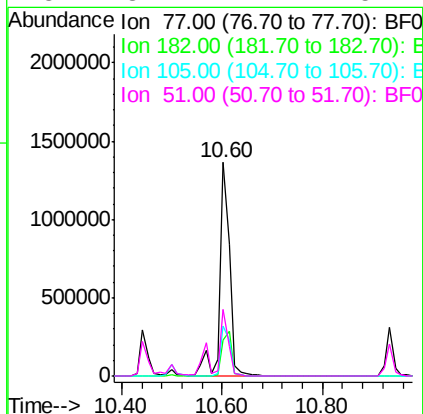
RT: 10.60 min Scan# 745

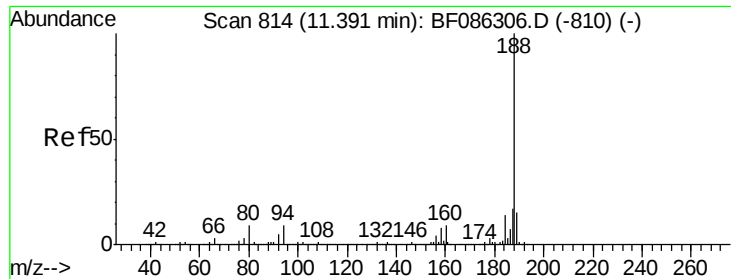
Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	77	Resp:	1840111
Ion Ratio	Lower	Upper	
77	100		
182	16.7	2.3	42.3
105	23.2	3.4	43.4
51	31.1	11.7	51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

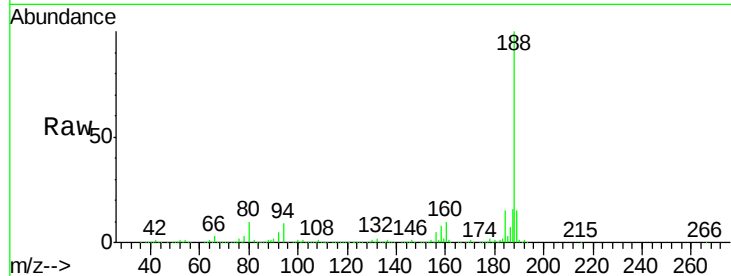
ClientSampleId :

SSTDICC060

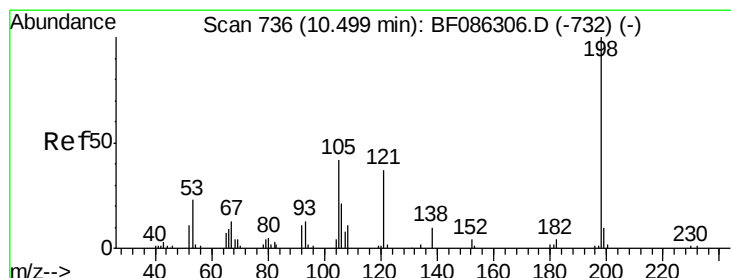
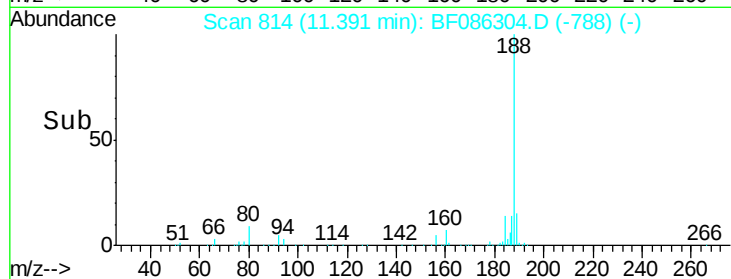
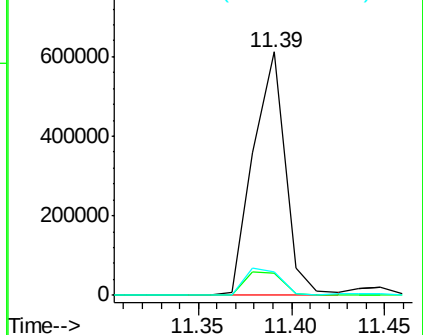
Tot Ion:	188	Resp:	730151
Ion Ratio	Lower	Upper	
188	100		
94	9.1	9.8	14.8#
80	9.5	10.5	15.7#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 40.49 ng

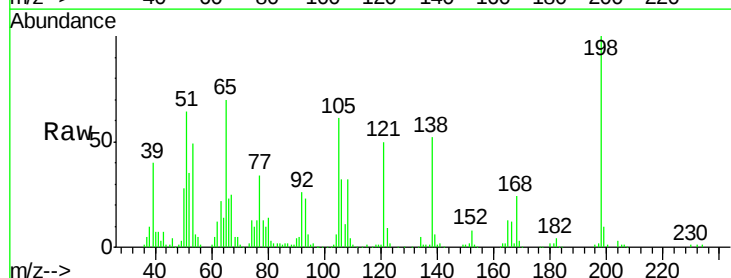
RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

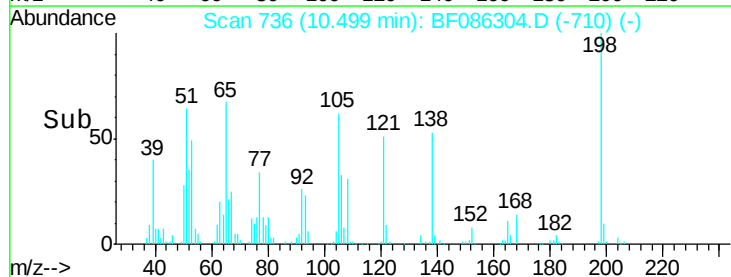
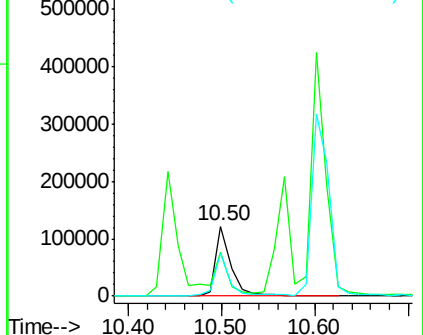
Lab File: BF086304.D

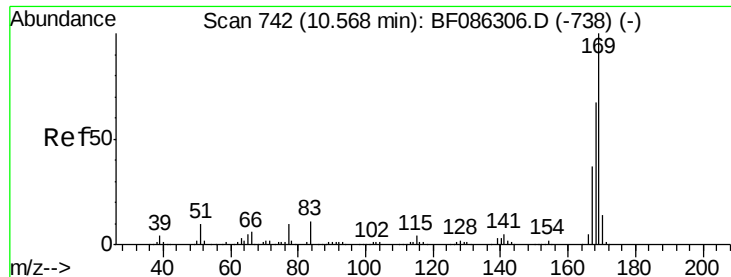
Acq: 20 Apr 2016 12:38

Tgt Ion:	198	Resp:	140713
Ion Ratio	Lower	Upper	
198	100		
51	63.5	56.5	96.5
105	60.9	48.0	88.0



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 59.49 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:169 Resp: 1330191

Ion Ratio Lower Upper

169 100

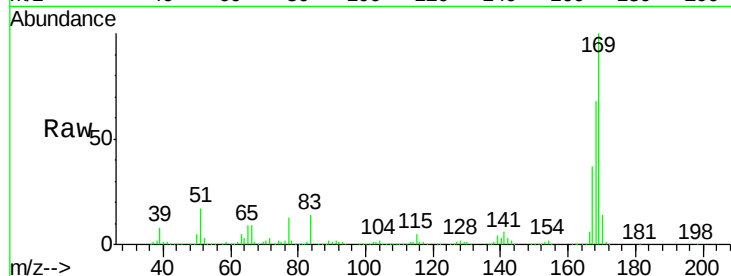
168 68.0 54.3 81.5

167 37.4 30.2 45.2

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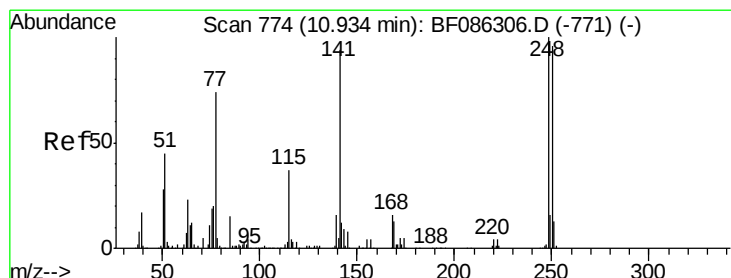
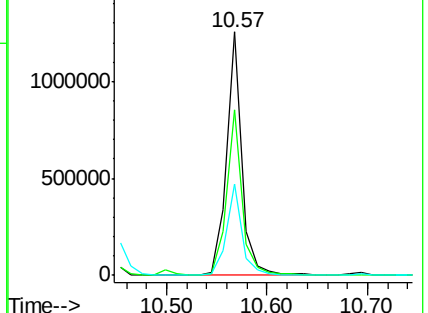
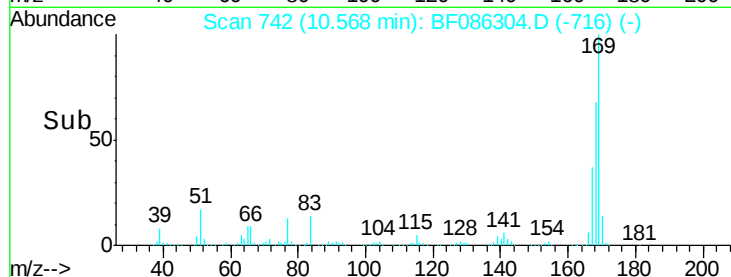
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 62.33 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

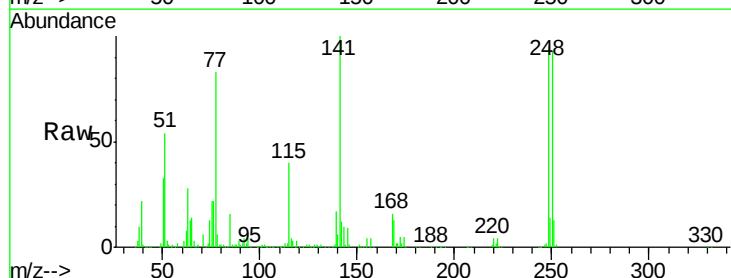
Tgt Ion:248 Resp: 424138

Ion Ratio Lower Upper

248 100

250 97.6 78.6 118.0

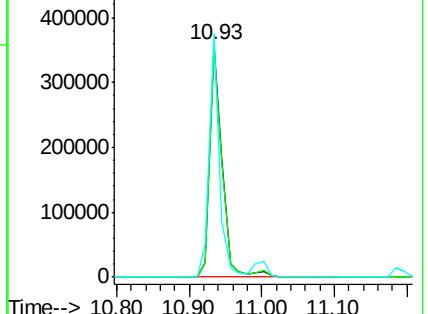
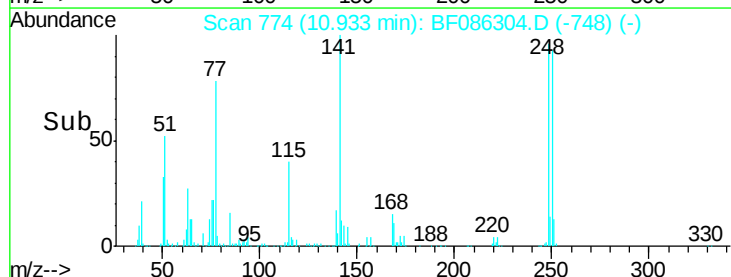
141 104.8 57.9 86.9#

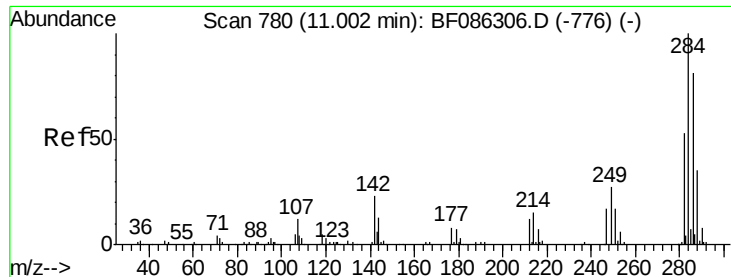


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 61.00 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

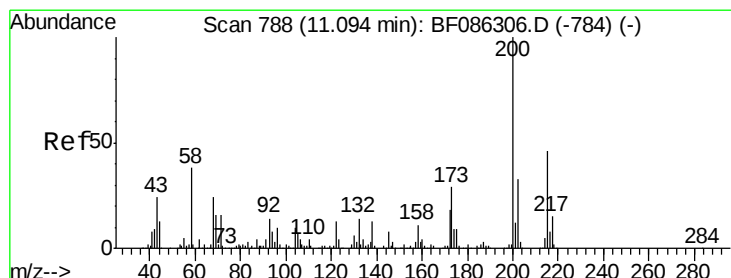
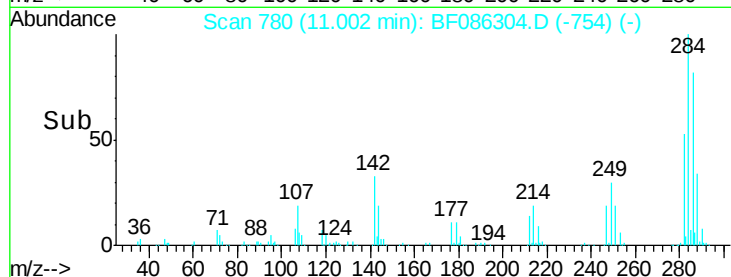
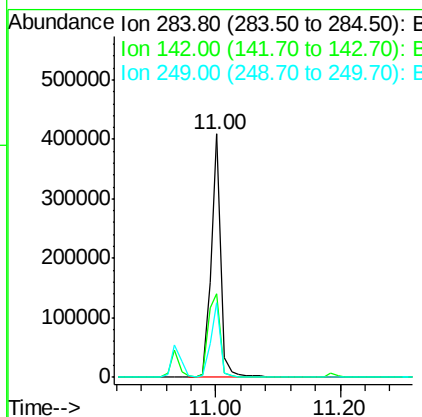
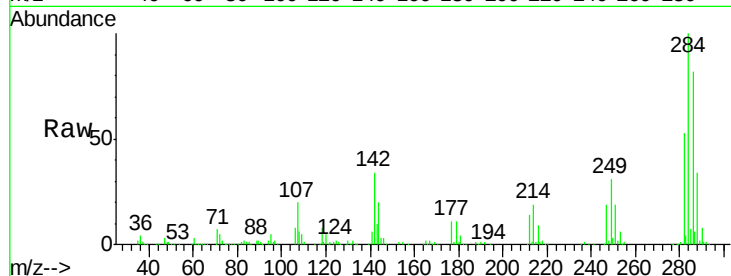
ClientSampleId :

SSTDICC060

Tot Ion:	284	Resp:	434979
Ion Ratio	Lower	Upper	
284	100		
142	34.4	42.6	64.0#
249	30.8	25.9	38.9

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#68

Atrazine

Concen: 56.08 ng

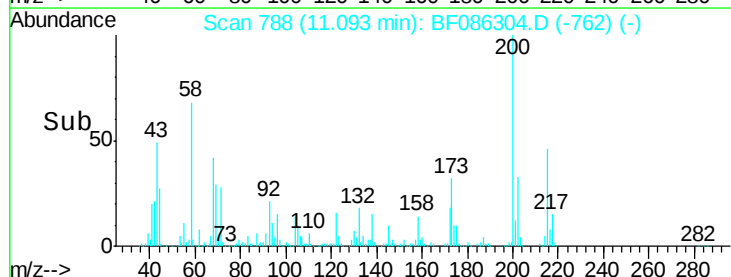
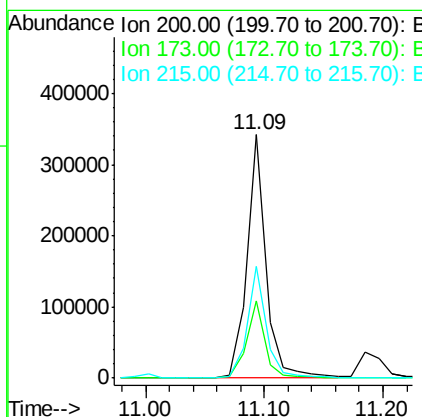
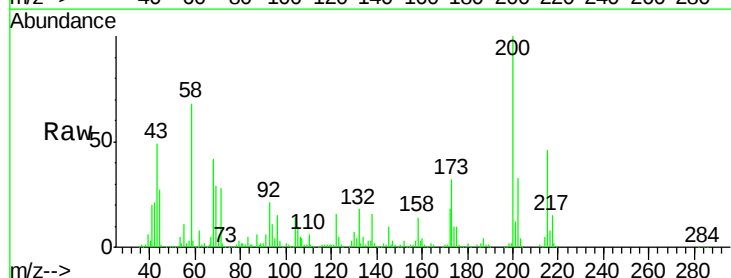
RT: 11.09 min Scan# 788

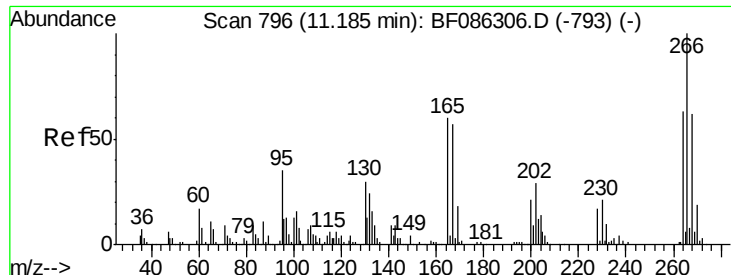
Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion:	200	Resp:	384280
Ion Ratio	Lower	Upper	
200	100		
173	31.9	11.2	51.2
215	45.7	24.0	64.0





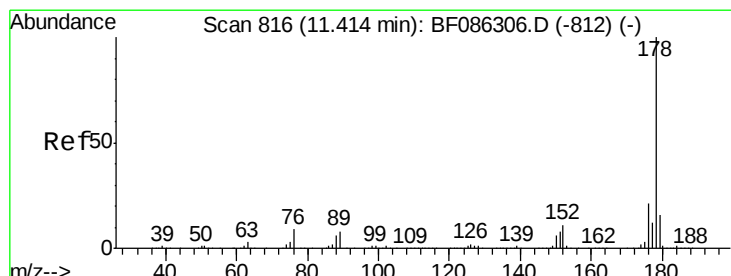
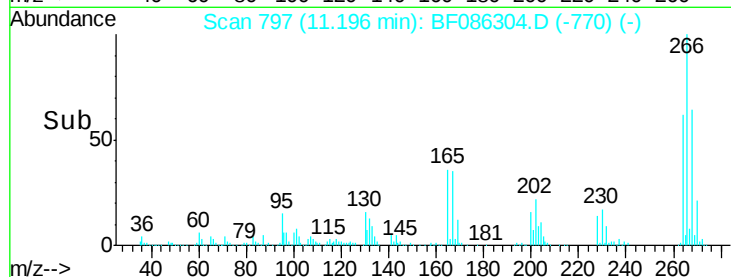
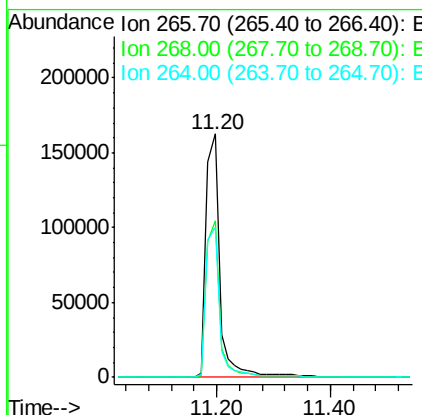
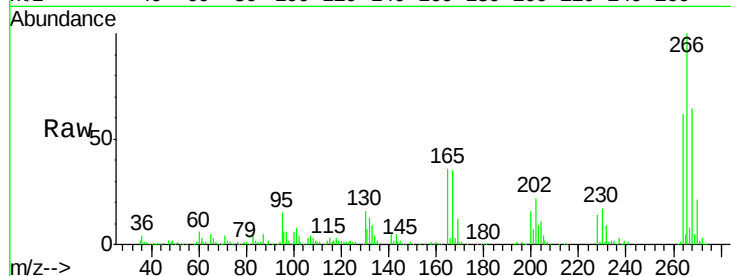
#69
 Pentachlorophenol
 Concen: 61.28 ng
 RT: 11.20 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	264986		
268	64.1	53.0	79.4	
264	61.6	51.3	76.9	

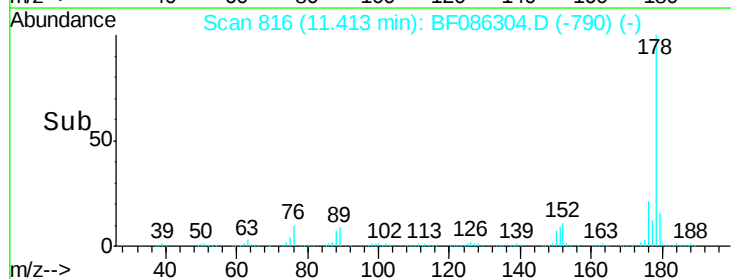
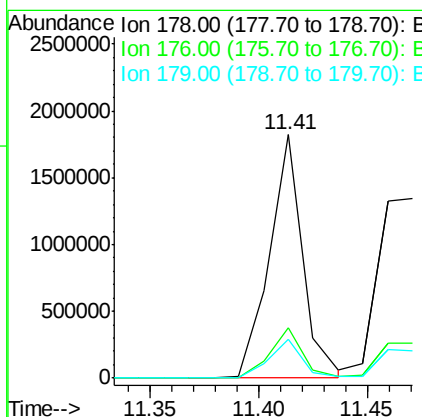
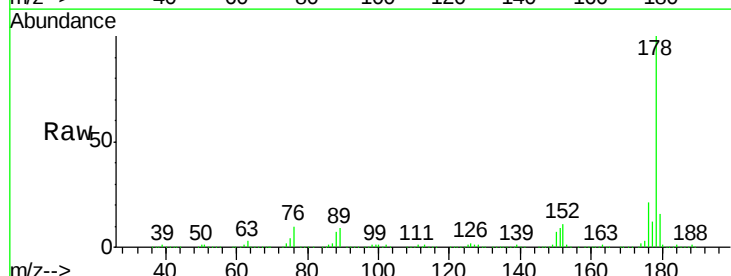
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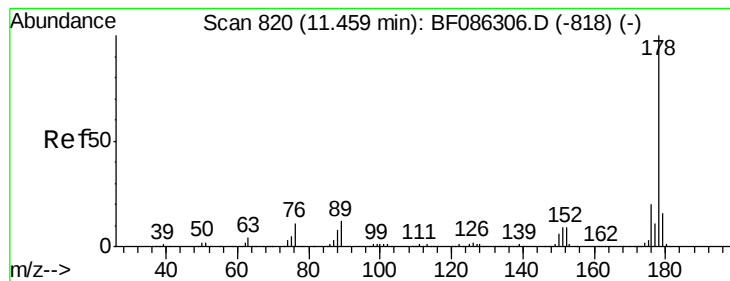
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#70
 Phenanthrene
 Concen: 56.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1952998		
176	20.7	16.3	24.5	
179	16.2	13.0	19.6	





#71

Anthracene

Concen: 55.42 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 2109588

Ion Ratio Lower Upper

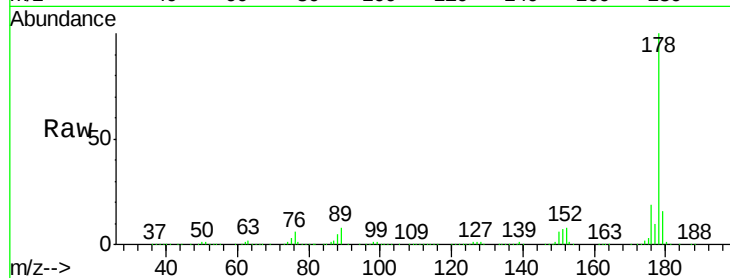
178 100

176 19.3 16.2 24.4

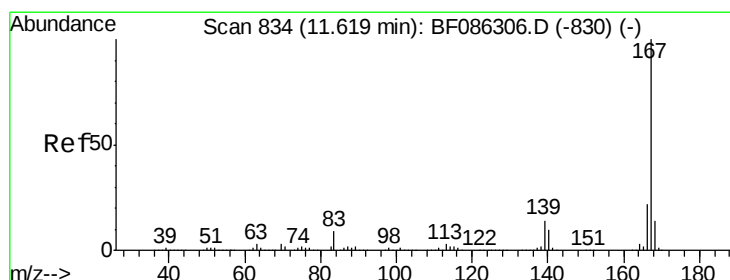
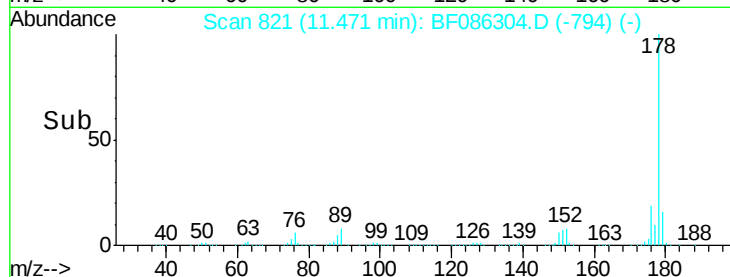
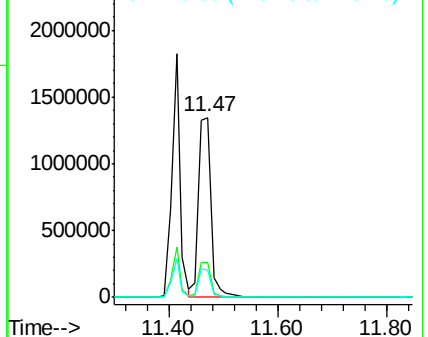
179 15.5 13.2 19.8

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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: 58.40 ng

RT: 11.62 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

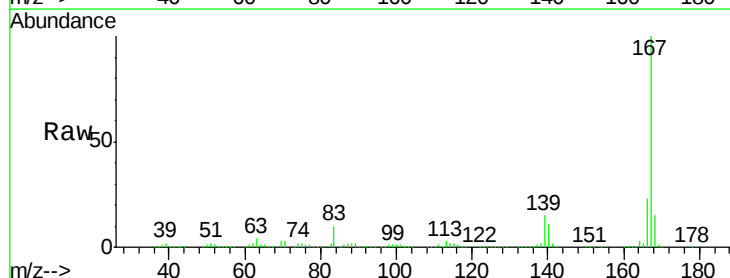
Tgt Ion:167 Resp: 1936879

Ion Ratio Lower Upper

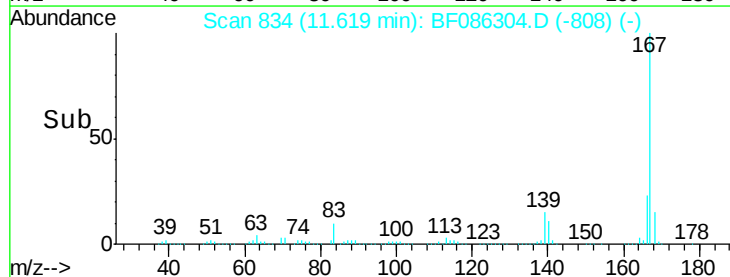
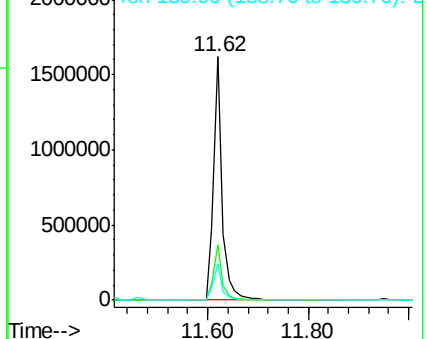
167 100

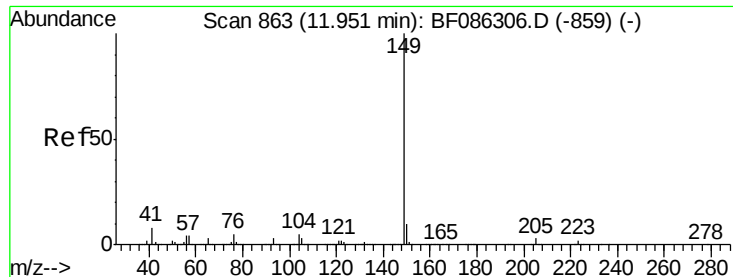
166 23.0 18.3 27.5

139 14.7 12.3 18.5



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: 54.59 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 2448106

Ion Ratio Lower Upper

149 100

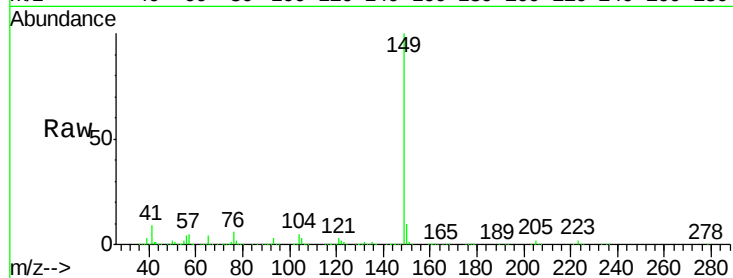
150 10.0 7.8 11.8

104 5.5 4.1 6.1

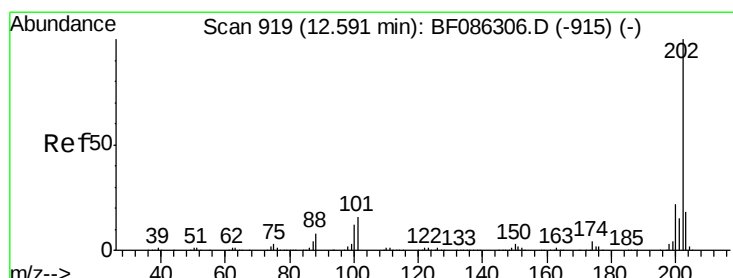
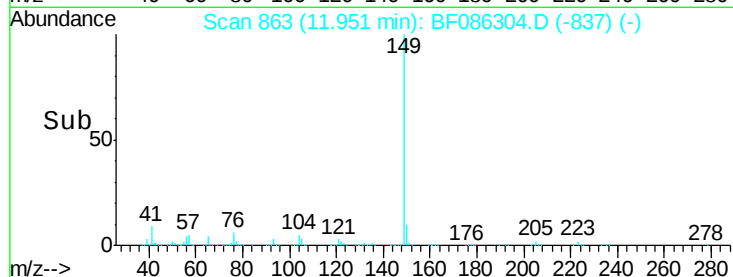
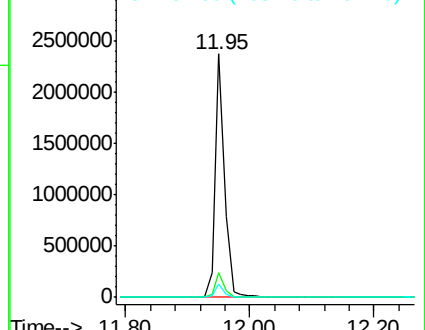
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.25 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

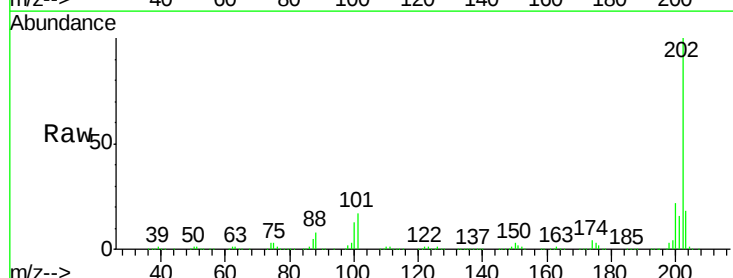
Tgt Ion:202 Resp: 1723511

Ion Ratio Lower Upper

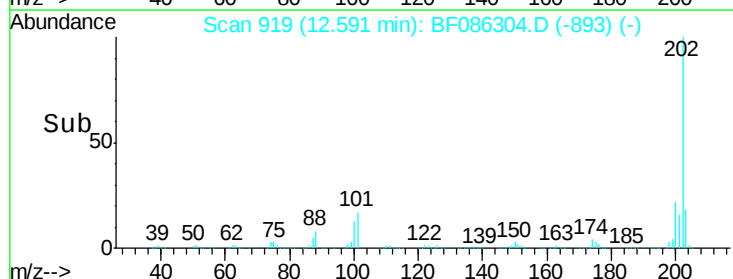
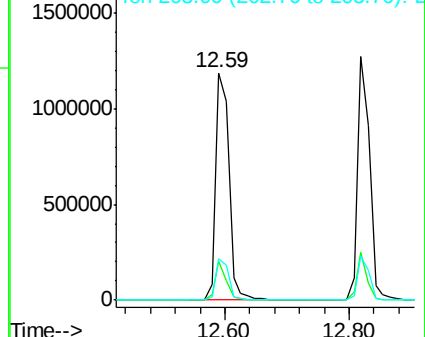
202 100

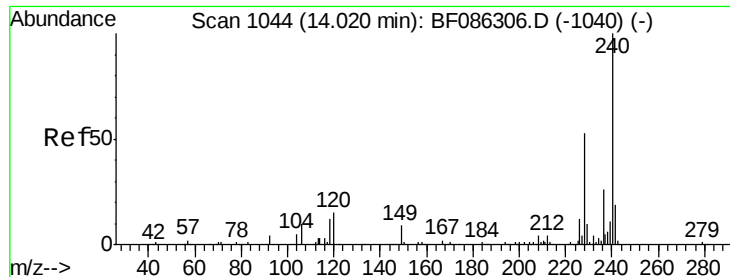
101 17.2 0.0 35.2

203 18.3 0.0 38.2



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: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

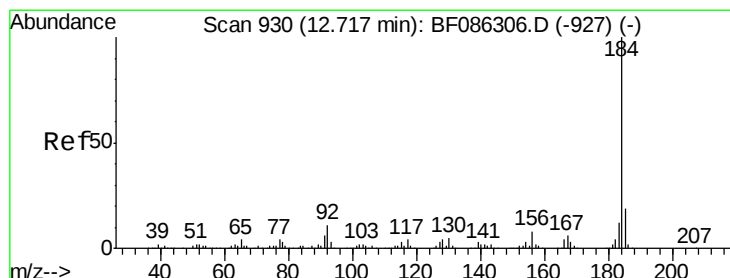
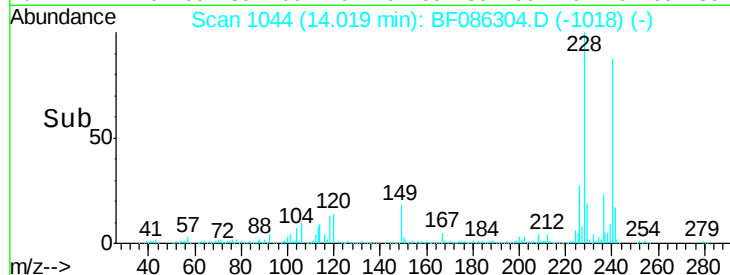
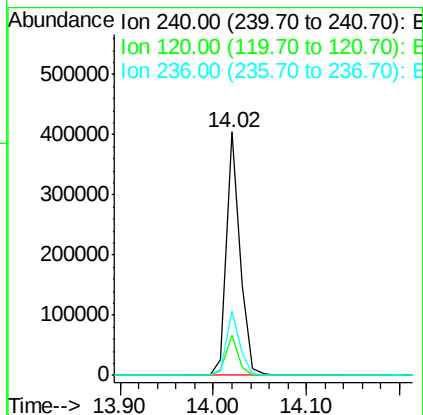
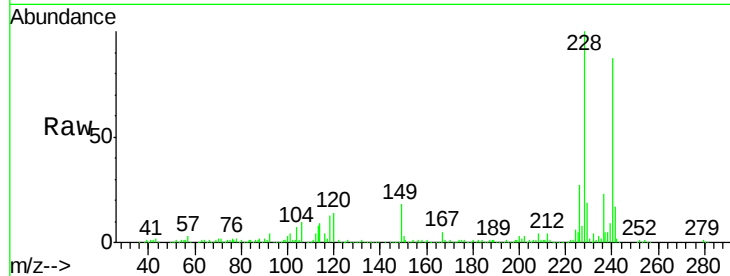
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.3	13.9#
236	26.4	21.1	31.7

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#76

Benzidine

Concen: 61.82 ng

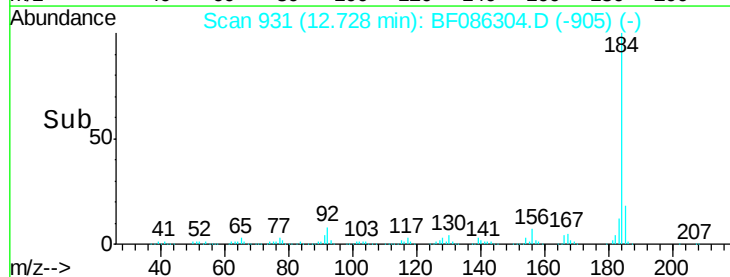
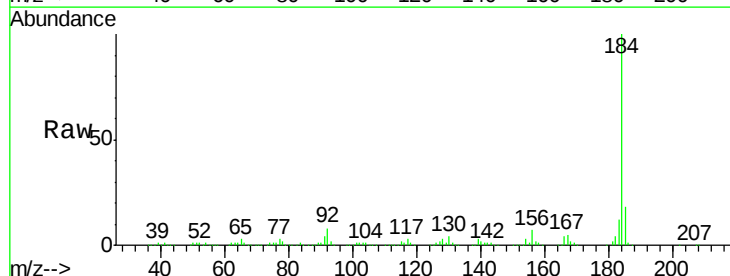
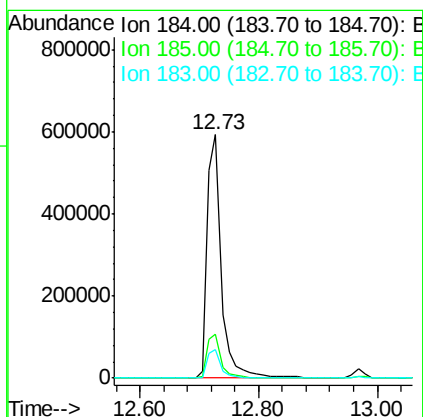
RT: 12.73 min Scan# 931

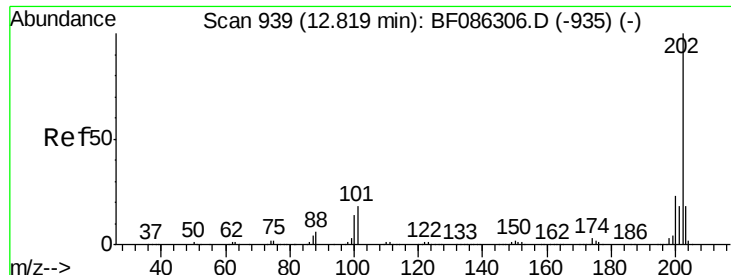
Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.9	14.2	21.2
183	12.0	9.8	14.6





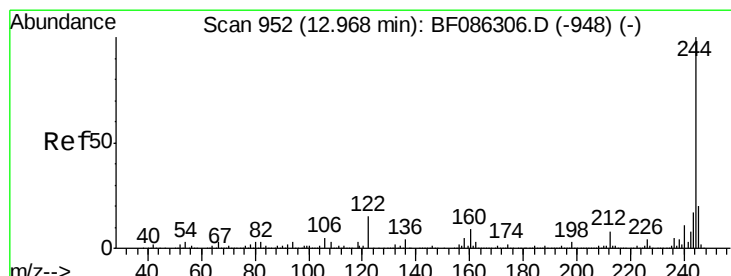
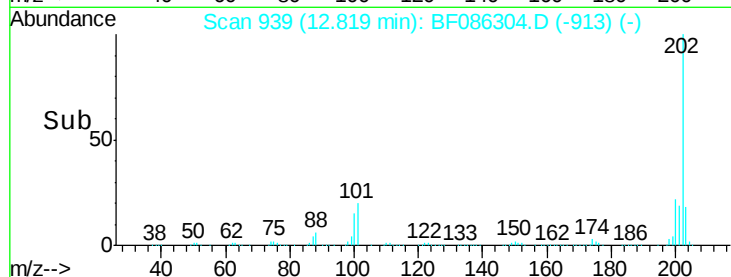
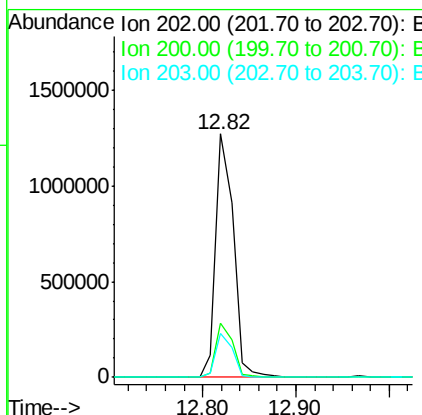
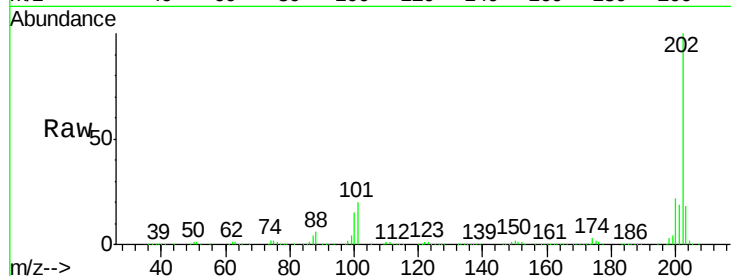
#77
Pvrene
Concen: 52.95 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.3	27.5
203	18.2	14.9	22.3

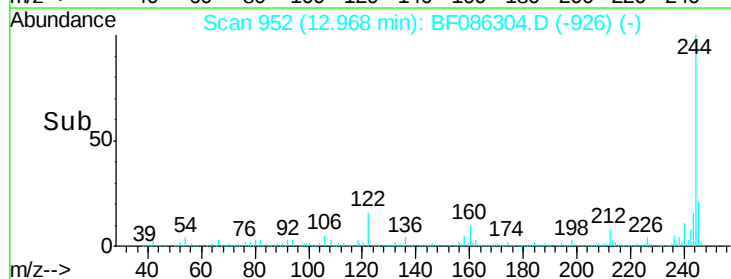
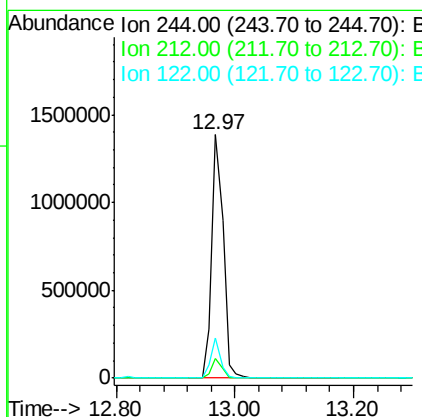
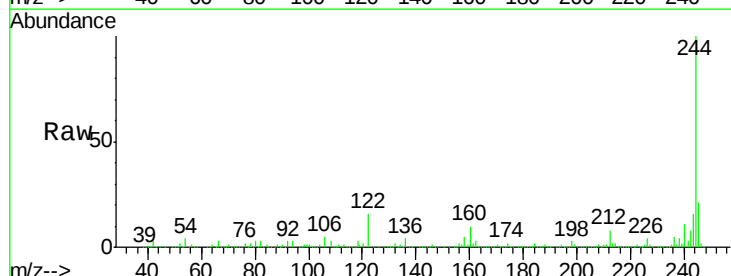
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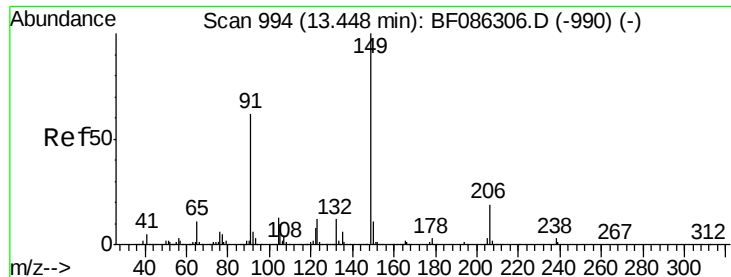
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#78
Terphenyl-d14
Concen: 112.86 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	16.4	11.7	17.5





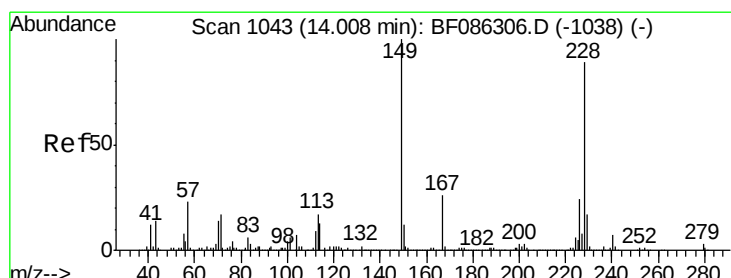
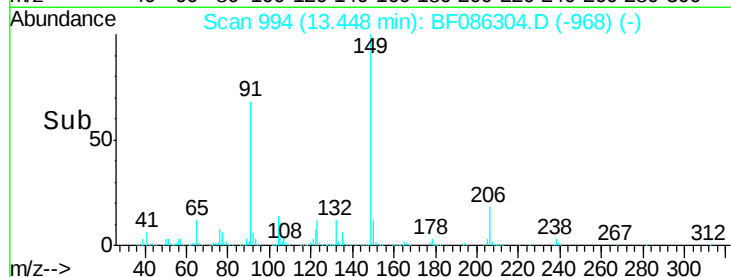
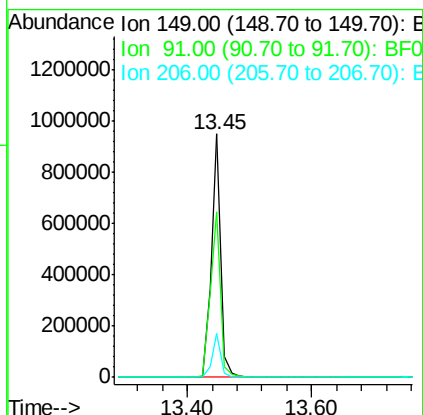
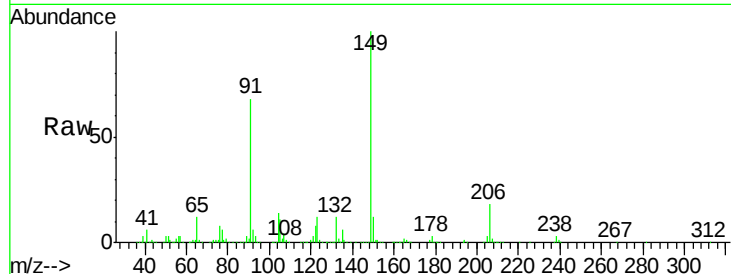
#79
Butylbenzylphthalate
Concen: 66.46 ng
RT: 13.45 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		969440		
91	68.2	48.7	73.1		
206	18.0	15.7	23.5		

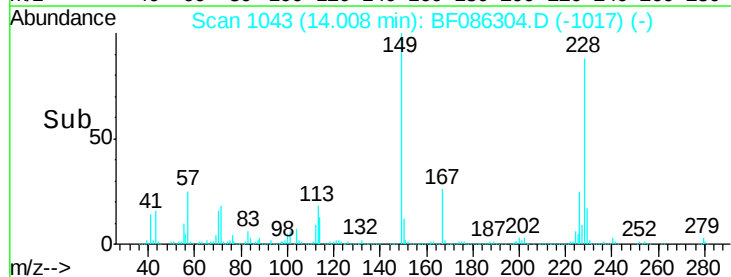
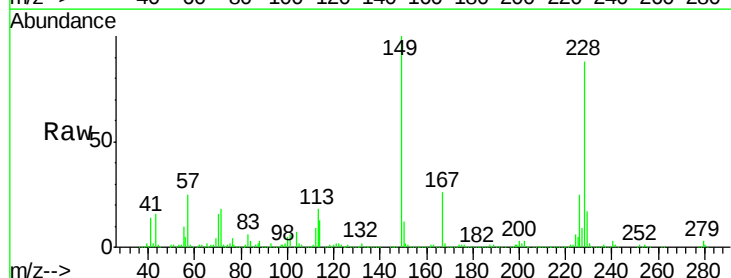
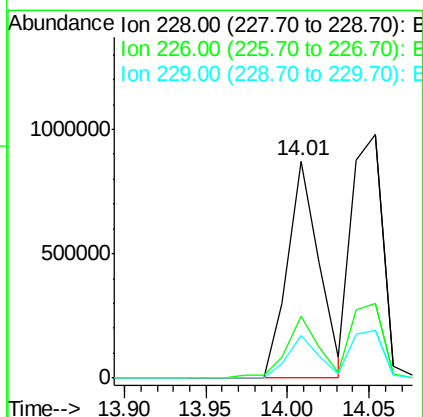
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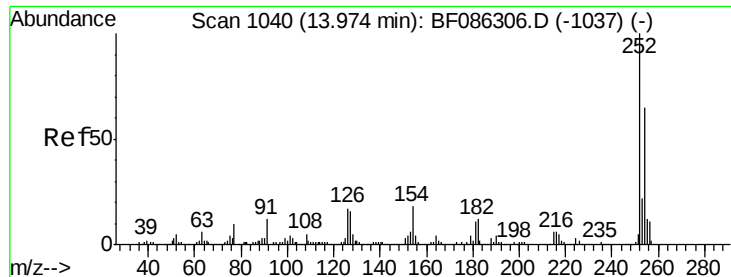
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#80
Benzo(a)anthracene
Concen: 52.41 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1184150		
226	28.5	22.5	33.7		
229	19.8	16.2	24.2		





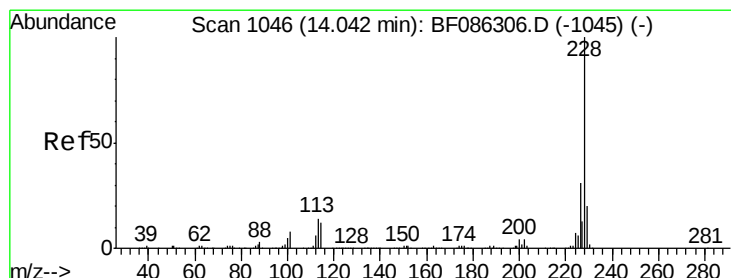
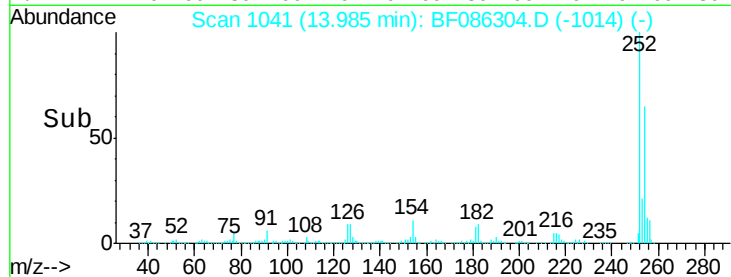
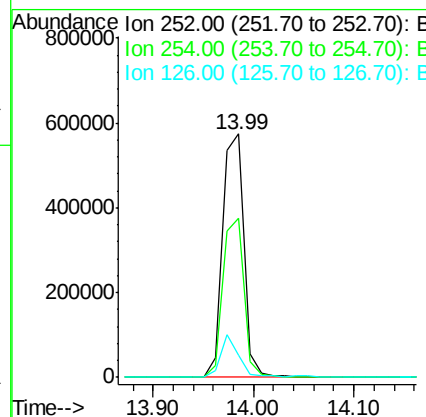
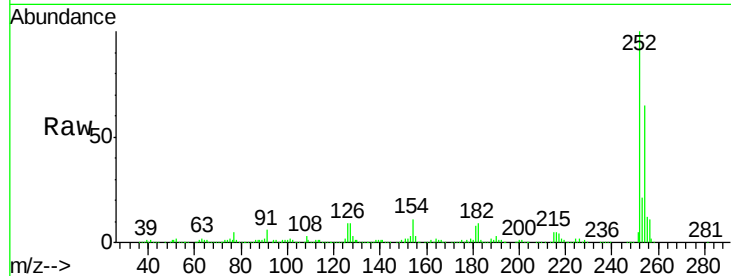
#81
 3,3'-Dichlorobenzidine
 Concen: 64.69 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	847204		
254	65.3	52.1	78.1	
126	9.0	13.2	19.8	

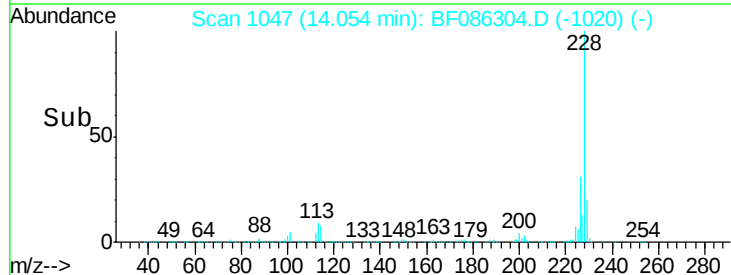
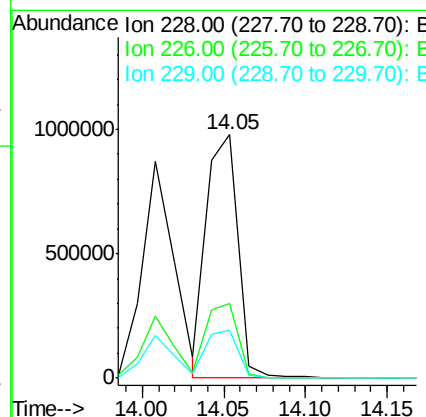
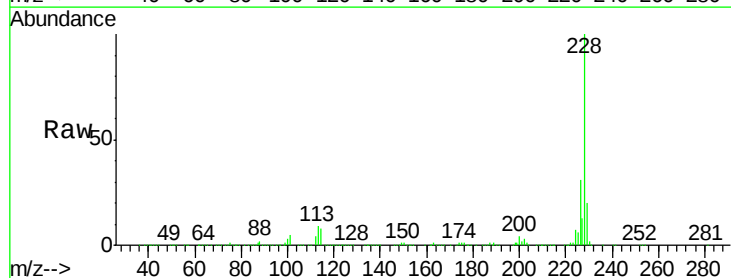
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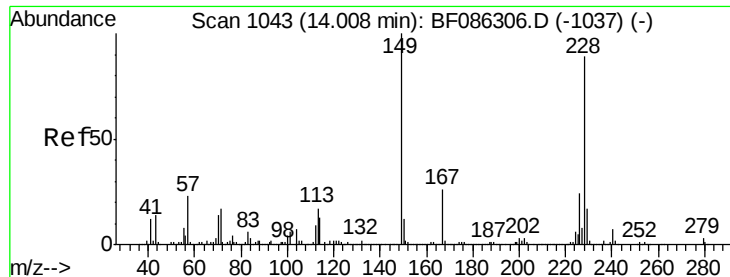
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#82
 Chrysene
 Concen: 54.80 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1320288		
226	30.7	25.4	38.2	
229	19.7	16.5	24.7	





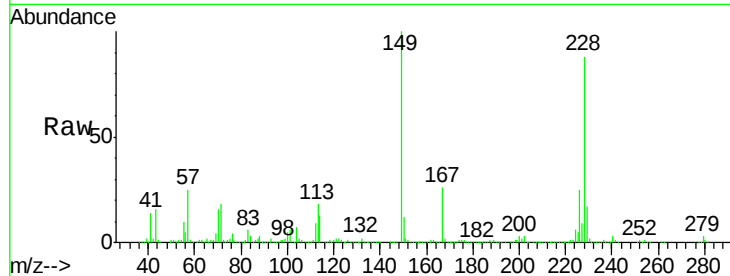
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.11 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

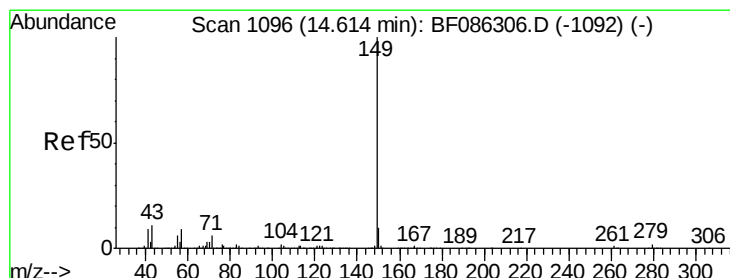
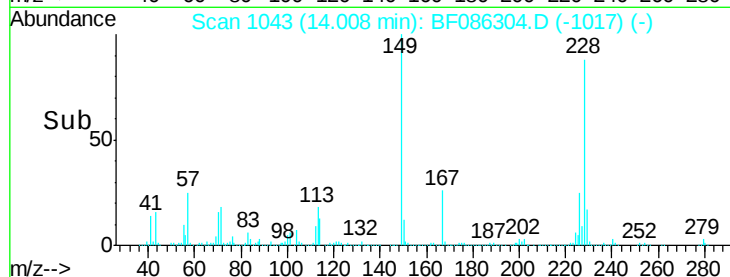
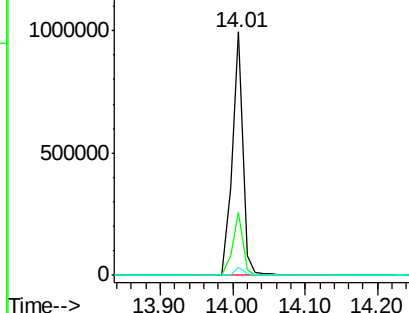
Tot Ion:149 Resp: 1009813
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.1 2.4 3.6

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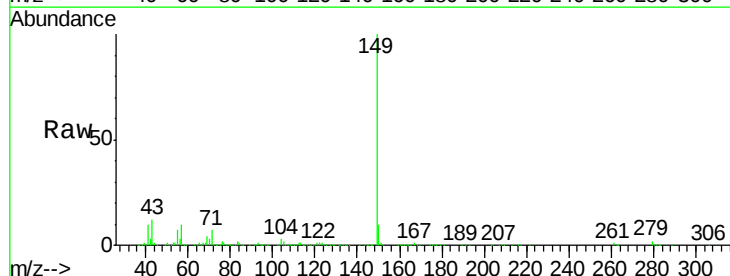


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

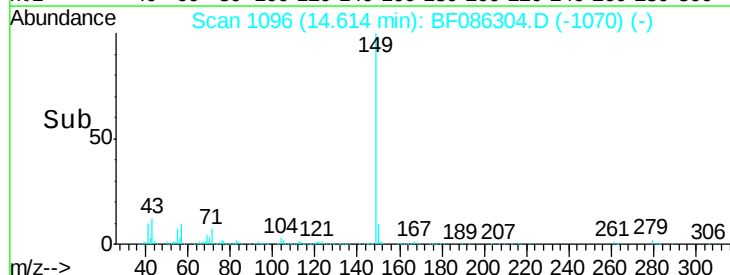
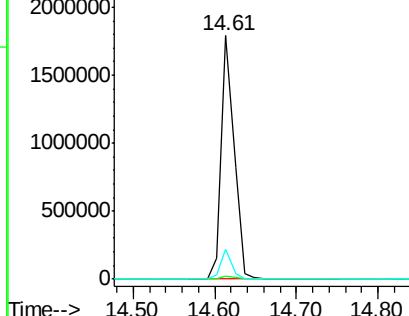


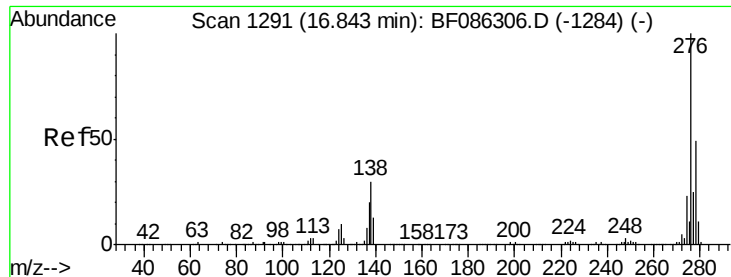
#84
 Di-n-octyl phthalate
 Concen: 63.84 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion:149 Resp: 1938137
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 10.7 9.1 13.7



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





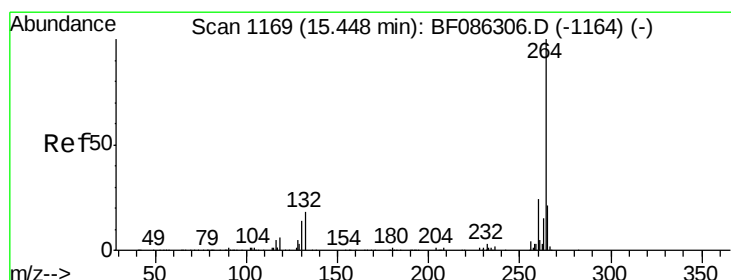
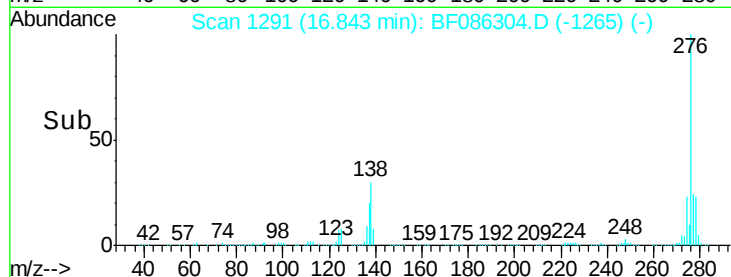
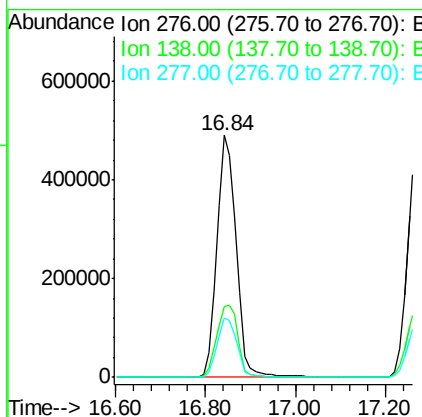
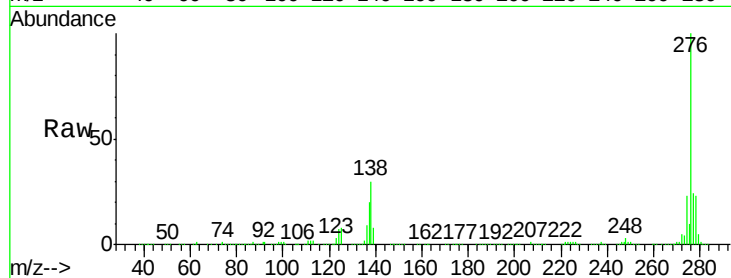
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.13 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	23.8	35.6
277	25.4	20.2	30.2

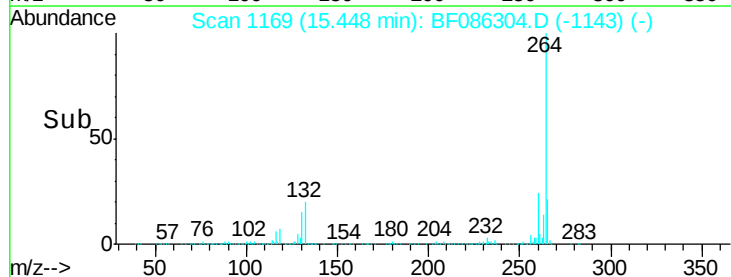
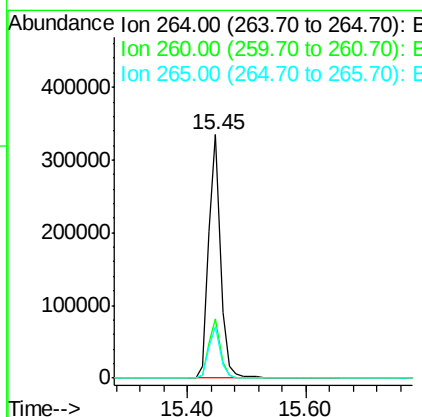
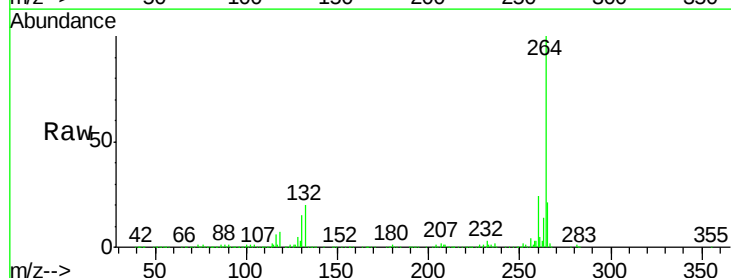
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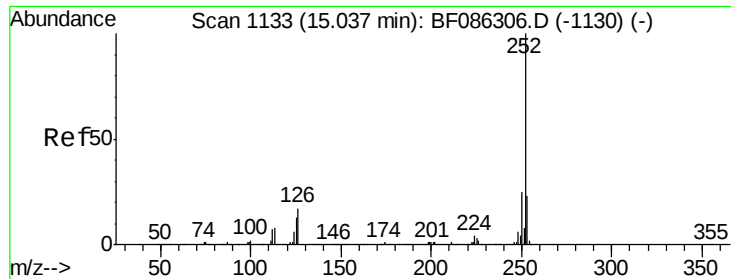
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 47.44 ng m

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 1358482

Ion Ratio Lower Upper

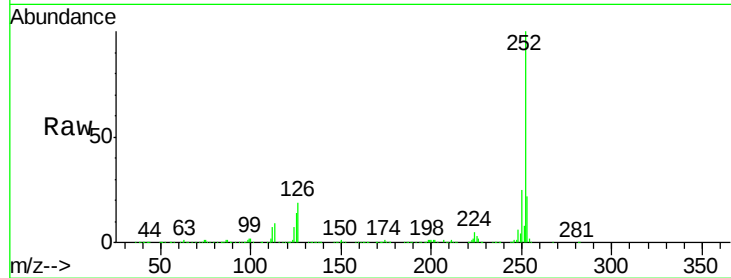
252 100

253 22.5 17.7 26.5

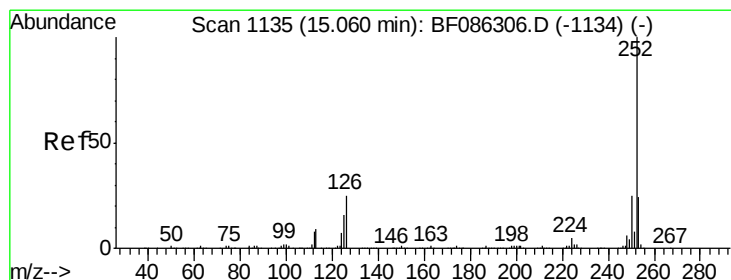
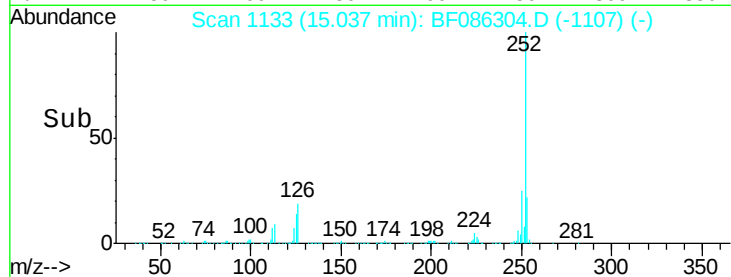
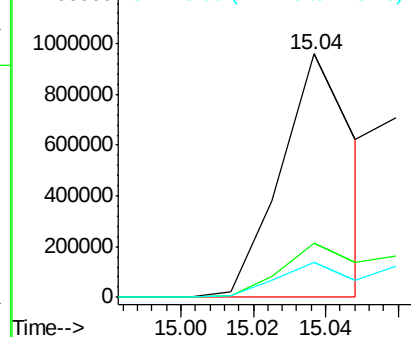
125 14.1 10.3 15.5

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



#88

Benzo(k)fluoranthene

Concen: 54.64 ng m

RT: 15.07 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF086304.D

Acq: 20 Apr 2016 12:38

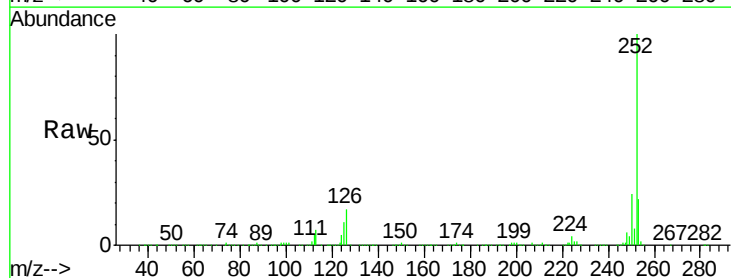
Tgt Ion:252 Resp: 1426852

Ion Ratio Lower Upper

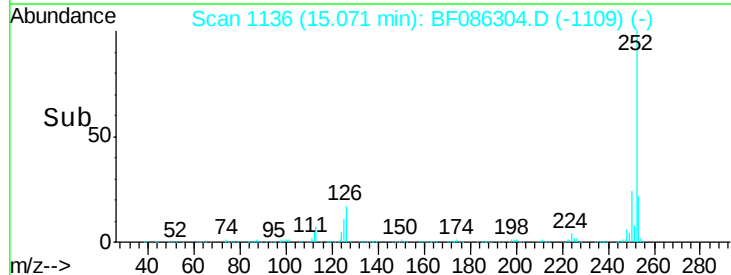
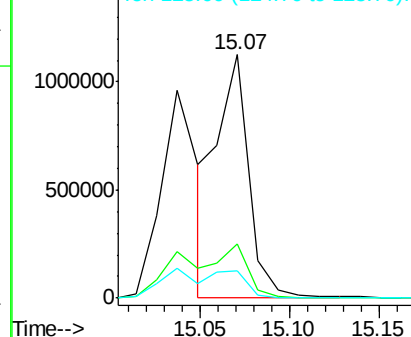
252 100

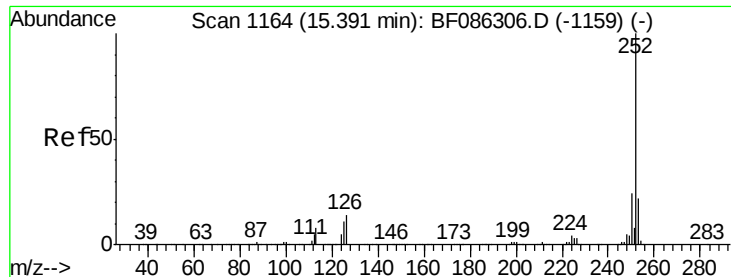
253 22.2 17.5 26.3

125 11.4 7.8 11.6



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





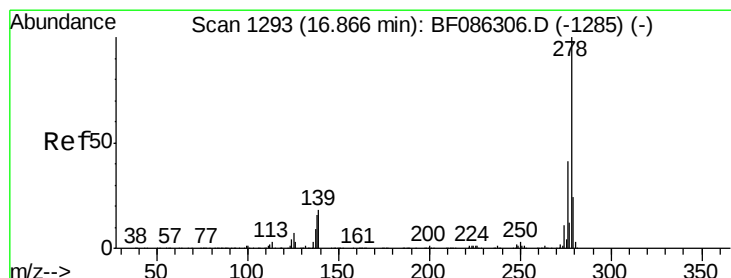
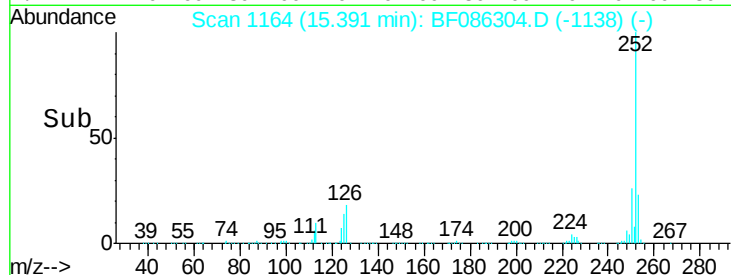
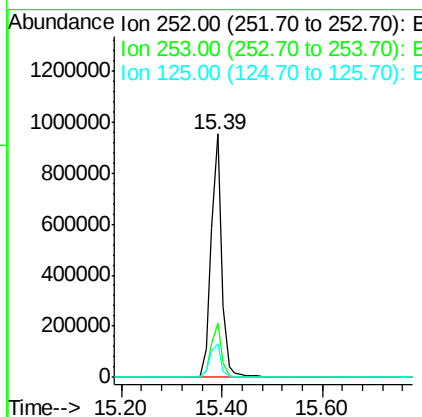
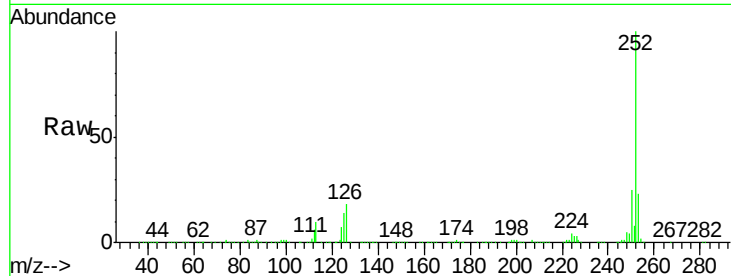
#89
Benzo(a)pyrene
Concen: 55.89 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	13.9	11.2	16.8

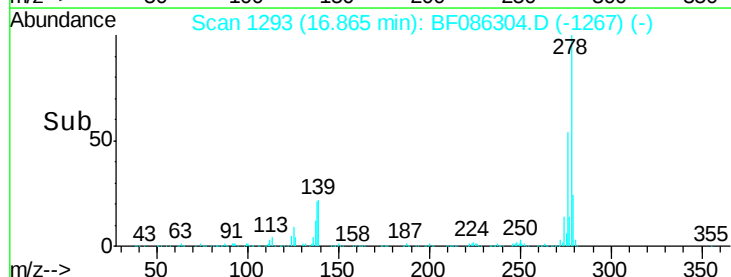
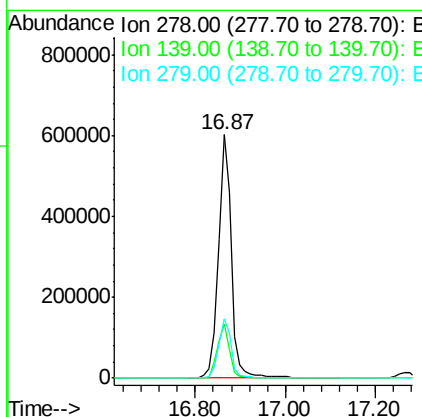
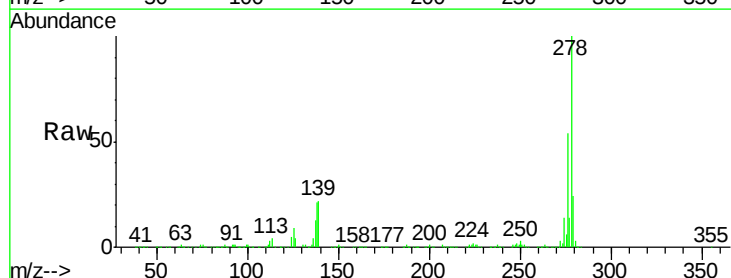
Manual Integrations
APPROVED

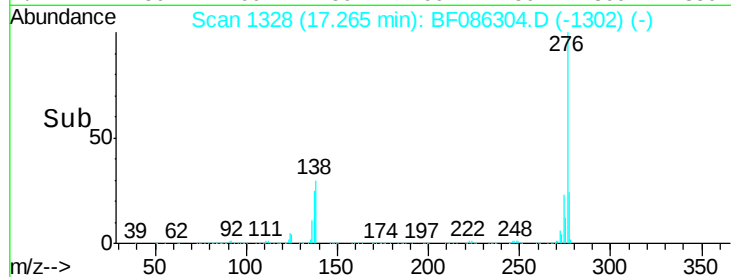
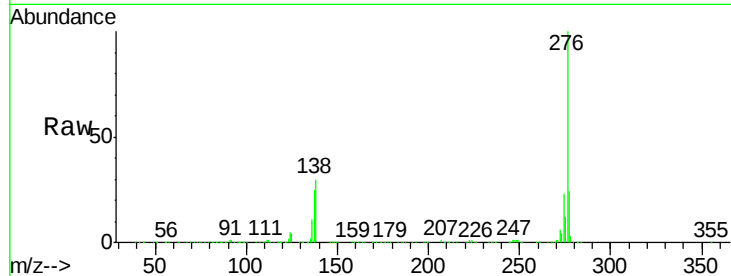
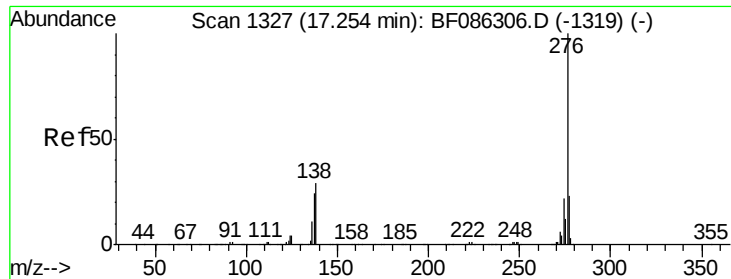
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 55.17 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF086304.D
Acq: 20 Apr 2016 12:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.3	22.9
279	24.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 52.08 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF086304.D
 Acq: 20 Apr 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	29.7	19.6	29.4

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