

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084186.D
 Acq On : 31 Dec 2015 10:14
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

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 1/4/2016 4:28:29 PM

Quant Time: Dec 31 13:13:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 11:25:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	332456	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1400181	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	631300	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1168607	20.00	ng	0.00
75) Chrysene-d12	14.07	240	995932	20.00	ng	0.00
86) Perylene-d12	15.51	264	726349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1070795	24.97	ng	0.00
7) Phenol-d6	6.52	99	1275354	23.45	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1288841	25.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	313823	22.94	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1923429	21.45	ng	0.00
78) Terphenyl-d14	13.01	244	1990201	22.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	246808	25.19	ng	# 74
3) Pyridine	3.26	79	672706	28.49	ng	# 73
4) n-Nitrosodimethylamine	3.21	42	347914	26.54	ng	# 80
6) Aniline	6.56	93	931478	23.51	ng	# 82
8) 2-Chlorophenol	6.68	128	602302	24.75	ng	91
9) Benzaldehyde	6.44	77	446856	23.17	ng	92
10) Phenol	6.53	94	698837	22.24	ng	95
11) bis(2-Chloroethyl)ether	6.64	93	624836	26.81	ng	85
12) 1,3-Dichlorobenzene	6.84	146	639618m	25.26	ng	
13) 1,4-Dichlorobenzene	6.92	146	637646	24.46	ng	93
14) 1,2-Dichlorobenzene	7.07	146	572981	22.37	ng	95
15) Benzyl Alcohol	7.04	79	535624	22.99	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1051159	24.09	ng	83
17) 2-Methylphenol	7.15	107	478145	23.51	ng	98
18) Hexachloroethane	7.41	117	239066	24.49	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	433604	24.21	ng	# 84
20) 3+4-Methylphenols	7.31	107	623104	25.33	ng	94
22) Acetophenone	7.31	105	801117	22.45	ng	# 87
24) Nitrobenzene	7.48	77	606043	23.21	ng	94
25) Isophorone	7.72	82	1131371	23.00	ng	96
26) 2-Nitrophenol	7.80	139	300219	27.28	ng	# 85
27) 2,4-Dimethylphenol	7.84	122	551363	22.50	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	774084	25.84	ng	99
29) 2,4-Dichlorophenol	8.04	162	499865	25.26	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	518693	24.54	ng	# 93
31) Naphthalene	8.21	128	1722326	24.84	ng	99
32) Benzoic acid	7.93	122	332321m	32.07	ng	
33) 4-Chloroaniline	8.26	127	800778	26.37	ng	95
34) Hexachlorobutadiene	8.33	225	279839	23.99	ng	97
35) Caprolactam	8.62	113	170295	25.41	ng	# 81
36) 4-Chloro-3-methylphenol	8.74	107	552566	24.64	ng	93
37) 2-Methylnaphthalene	8.90	142	1081203	22.61	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	498556	24.94	ng	99
40) Hexachlorocyclopentadiene	9.06	237	301820	27.13	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	327695	22.72	nq	96
43) 2,4,5-Trichlorophenol	9.22	196	332838	24.59	nq	93
45) 1,1'-Biphenyl	9.37	154	1435308	24.93	nq	99
46) 2-Chloronaphthalene	9.39	162	1079421	25.38	nq	93
47) 2-Nitroaniline	9.48	65	360651	28.90	nq	97
48) Acenaphthylene	9.80	152	1525991	22.37	nq	97
49) Dimethylphthalate	9.66	163	1132267	23.17	nq	# 90
50) 2,6-Dinitrotoluene	9.72	165	241506	23.76	nq	# 41
51) Acenaphthene	9.97	154	993194	22.28	nq	98
52) 3-Nitroaniline	9.89	138	329004	26.23	nq	92
53) 2,4-Dinitrophenol	10.00	184	91556m	34.10	nq	
54) Dibenzofuran	10.14	168	1365826	22.29	nq	90
55) 4-Nitrophenol	10.04	139	234363	16.51	nq	# 82
56) 2,4-Dinitrotoluene	10.12	165	307579	24.35	nq	# 82
57) Fluorene	10.49	166	996265	21.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	267819	22.99	nq	96
59) Diethylphthalate	10.37	149	1205991	23.61	nq	95
60) 4-Chlorophenyl-phenylether	10.49	204	514231	24.26	nq	96
61) 4-Nitroaniline	10.50	138	265992	25.05	nq	94
62) Azobenzene	10.65	77	1369296	25.82	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	158032	31.17	nq	82
65) n-Nitrosodiphenylamine	10.60	169	987854	24.79	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	339827	25.14	nq	98
67) Hexachlorobenzene	11.04	284	353755	23.59	nq	# 87
68) Atrazine	11.13	200	309438	23.37	nq	95
69) Pentachlorophenol	11.23	266	199141	31.02	nq	99
70) Phenanthrene	11.45	178	1563070	21.71	nq	97
71) Anthracene	11.51	178	1749541	25.38	nq	99
72) Carbazole	11.65	167	1439360	22.60	nq	98
73) Di-n-butylphthalate	12.00	149	1912598	25.13	nq	# 97
74) Fluoranthene	12.64	202	1668302	24.08	nq	98
76) Benzidine	12.76	184	972673	25.30	nq	98
77) Pyrene	12.87	202	1714213	22.40	nq	98
79) Butylbenzylphthalate	13.49	149	822578	24.68	nq	94
80) Benzo(a)anthracene	14.05	228	1421455	23.41	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	539437	26.65	nq	# 96
82) Chrysene	14.09	228	1178869	21.35	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1023956	23.26	nq	97
84) Di-n-octyl phthalate	14.66	149	1752782	24.13	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1017933	24.05	nq	99
87) Benzo(b)fluoranthene	15.08	252	1404021m	27.72	nq	
88) Benzo(k)fluoranthene	15.12	252	827552m	19.37	nq	
89) Benzo(a)pyrene	15.44	252	1033839	24.76	nq	# 96
90) Dibenzo(a,h)anthracene	16.93	278	851374	24.99	nq	100
91) Benzo(g,h,i)perylene	17.35	276	843116	24.44	nq	100

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

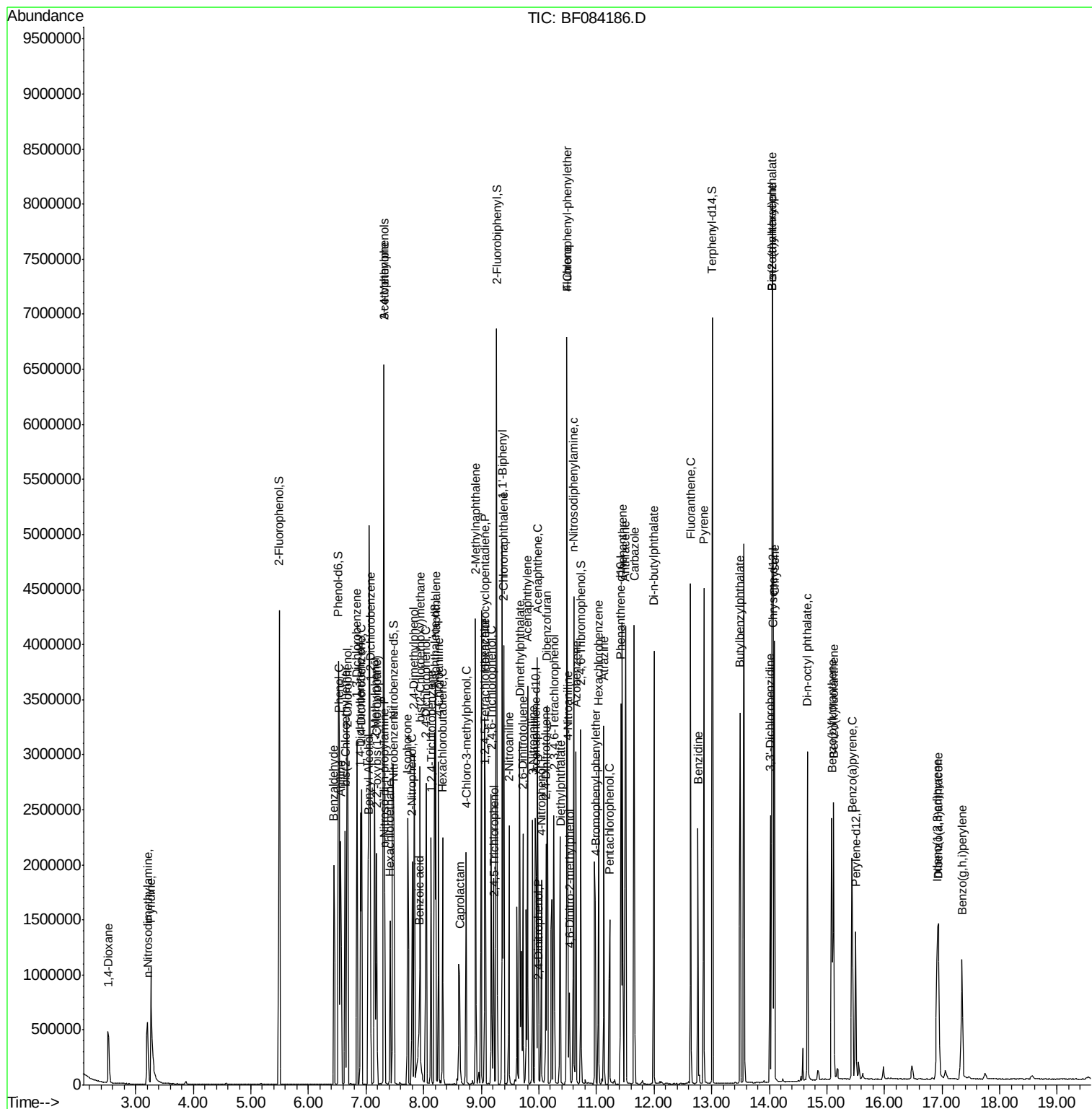
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Data File : BF084186.D  
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Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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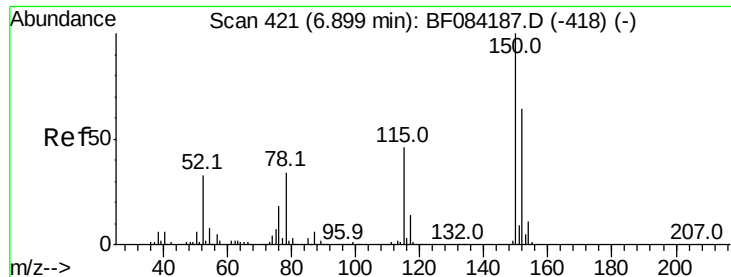
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED

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#1

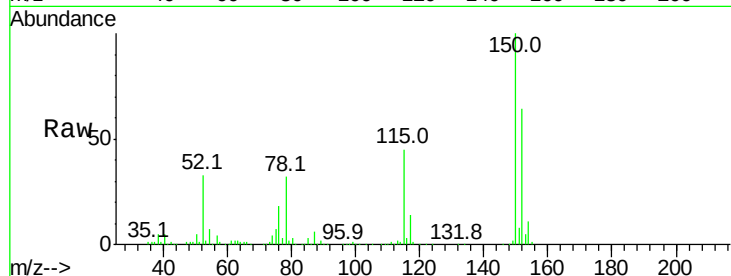
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

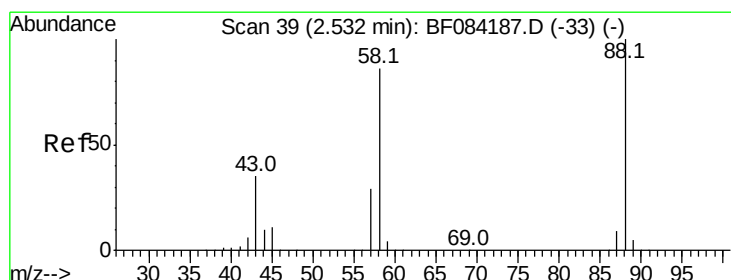
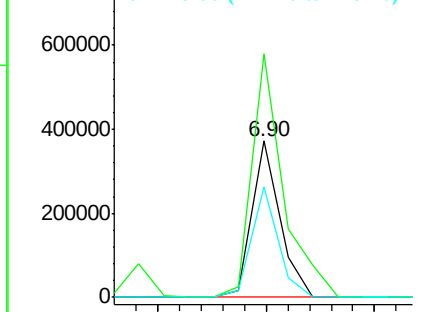
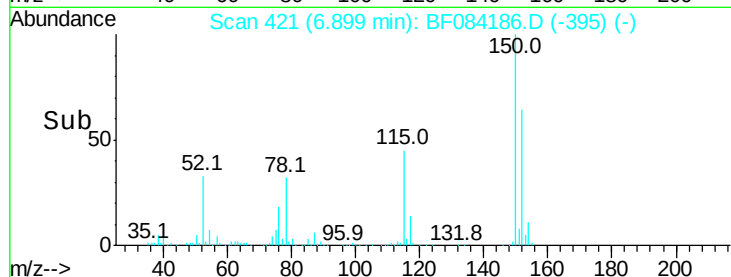
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.4
115	70.5	51.4	77.2

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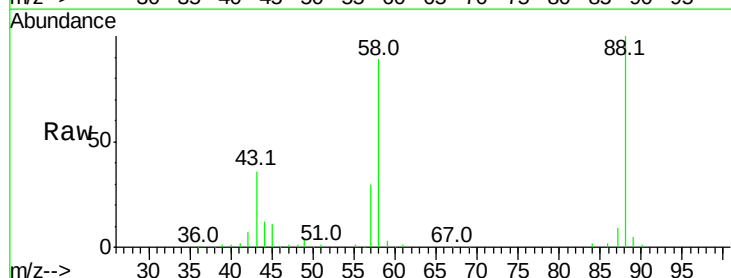
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



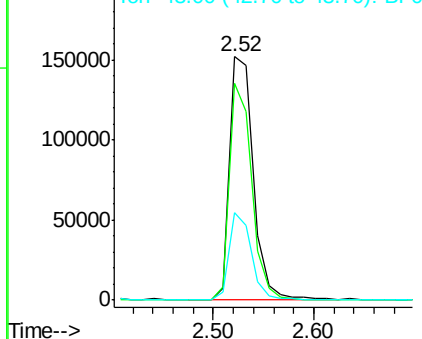
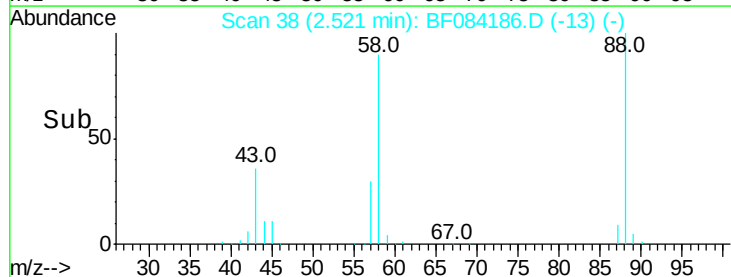
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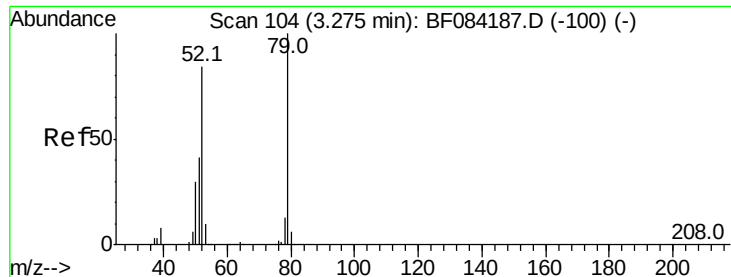
1,4-Dioxane
Concen: 25.19 ng
RT: 2.52 min Scan# 38
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	51.2	76.8#
43	35.5	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.49 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 672706

Ion Ratio Lower Upper

79 100

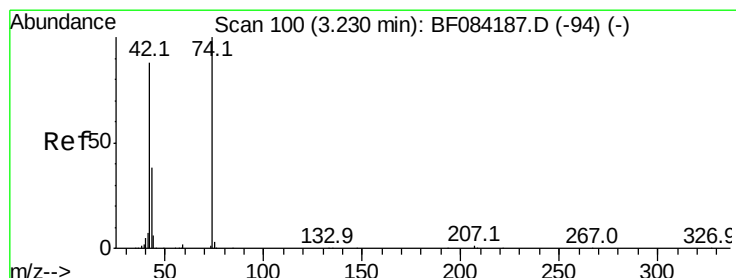
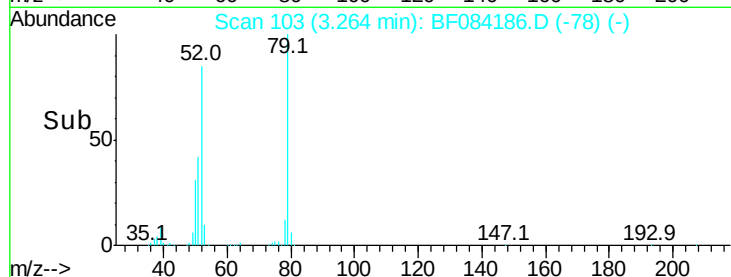
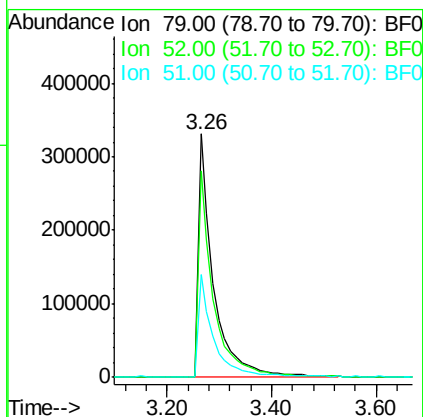
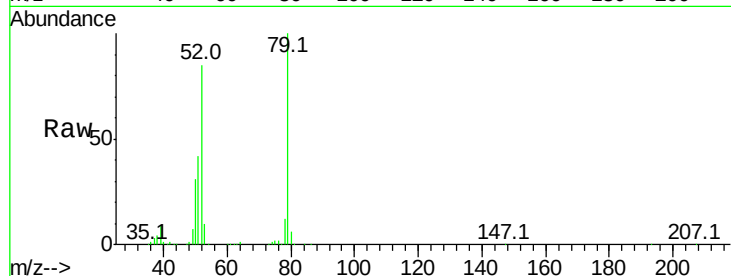
52 84.6 49.0 73.4#

51 42.4 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 26.54 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

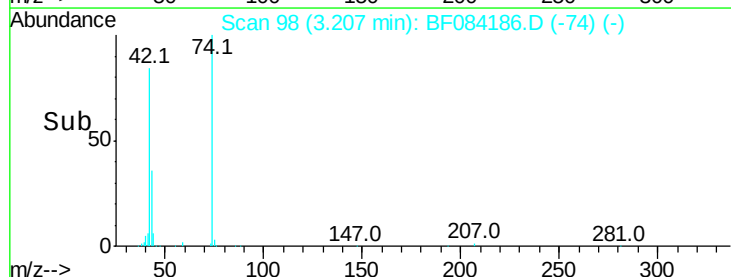
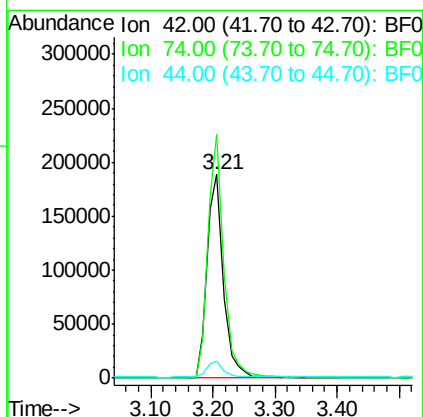
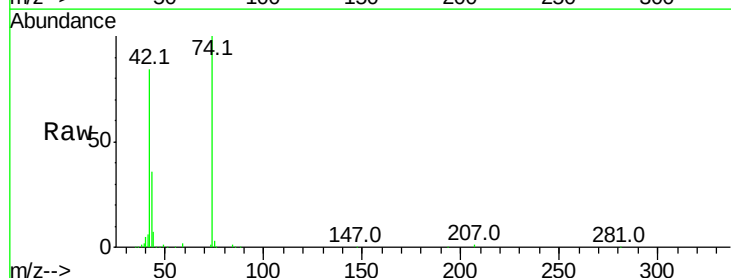
Tgt Ion: 42 Resp: 347914

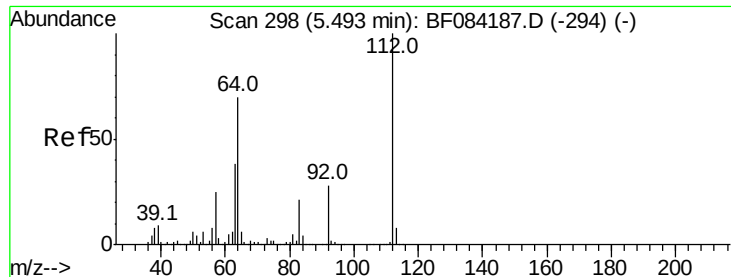
Ion Ratio Lower Upper

42 100

74 119.5 115.7 173.5

44 8.1 5.1 7.7#





#5

2-Fluorophenol

Concen: 24.97 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 112 Resp: 1070795

Ion Ratio Lower Upper

112 100

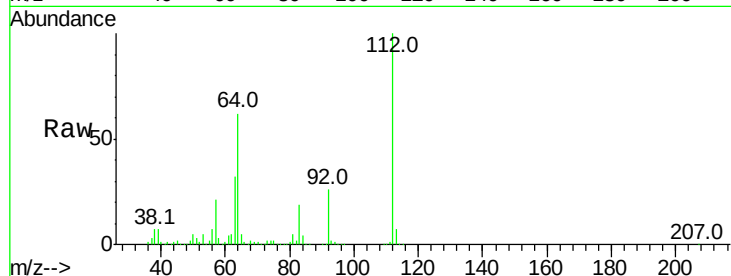
64 61.7 36.6 55.0#

63 32.5 19.4 29.0#

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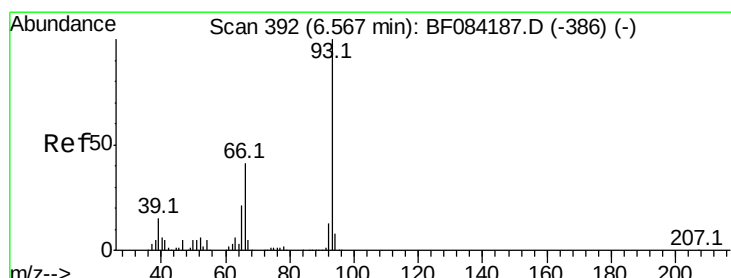
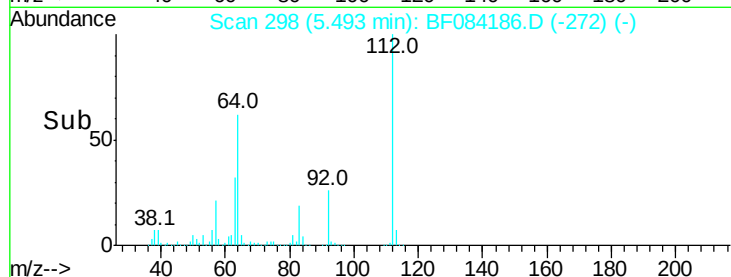
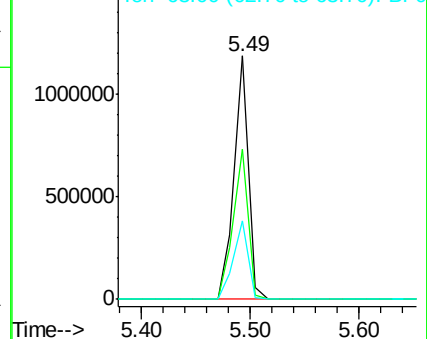
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.51 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

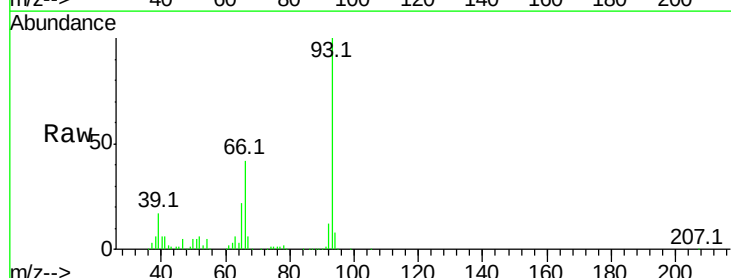
Tgt Ion: 93 Resp: 931478

Ion Ratio Lower Upper

93 100

66 41.8 44.9 67.3#

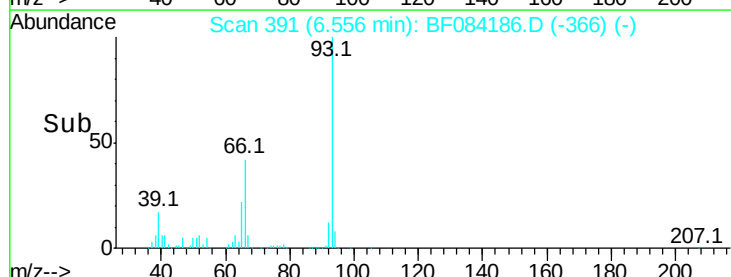
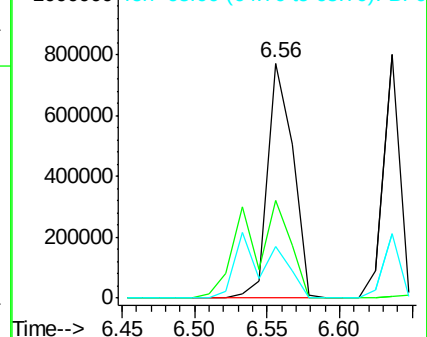
65 22.1 23.7 35.5#

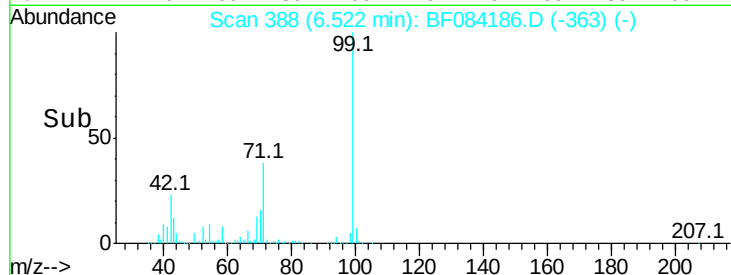
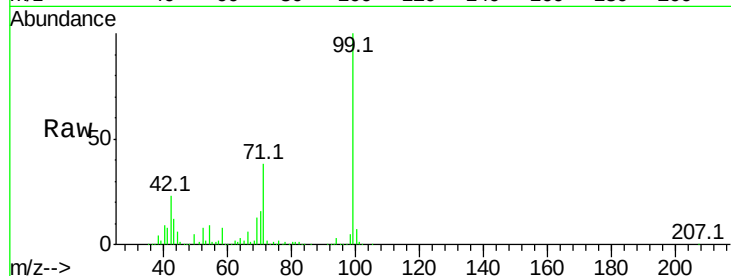
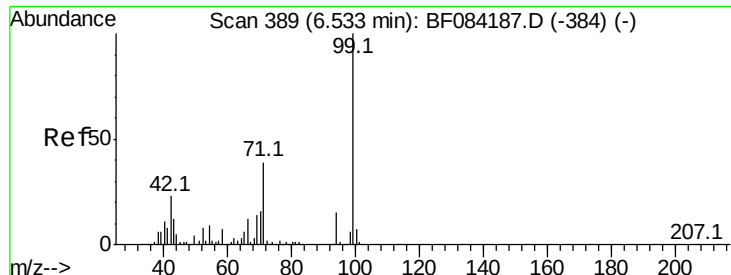


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.45 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tot Ion:	99	Resp:	1275354
Ion	Ratio	Lower	Upper
99	100		
42	23.3	12.8	19.2#
71	37.9	30.9	46.3

Instrument :

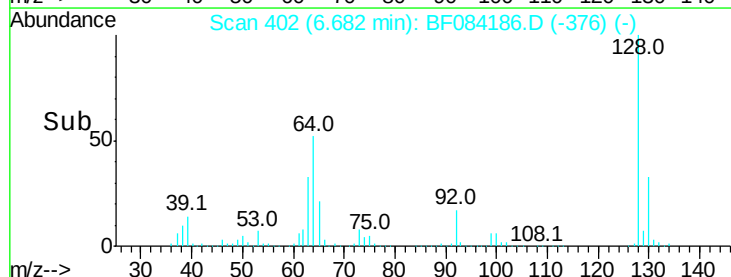
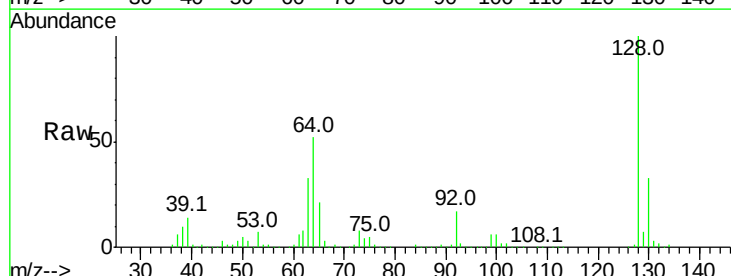
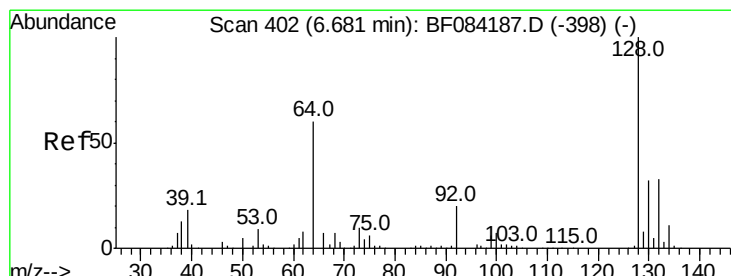
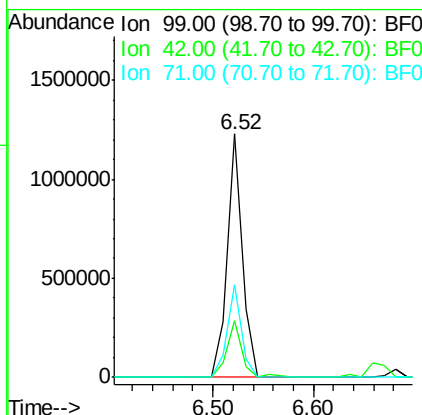
BNA_F

ClientSampleId :

SSTDIC025

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#8

2-Chlorophenol

Concen: 24.75 ng

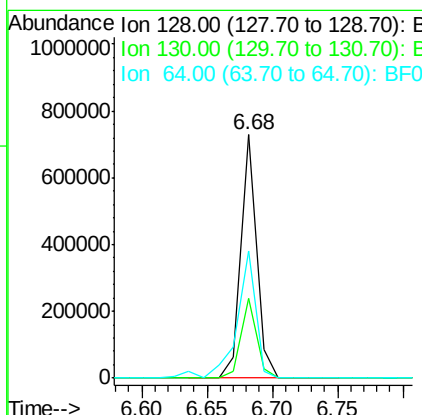
RT: 6.68 min Scan# 402

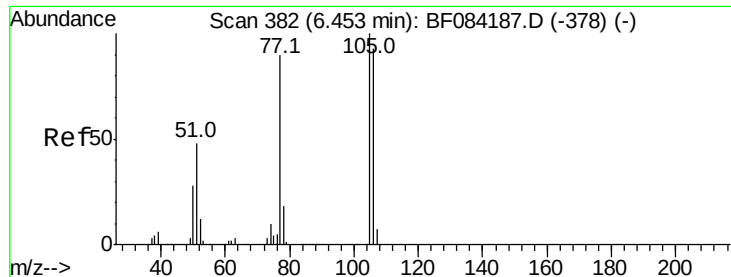
Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	128	Resp:	602302
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	52.3	23.8	63.8





#9

Benzaldehyde

Concen: 23.17 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084186.D

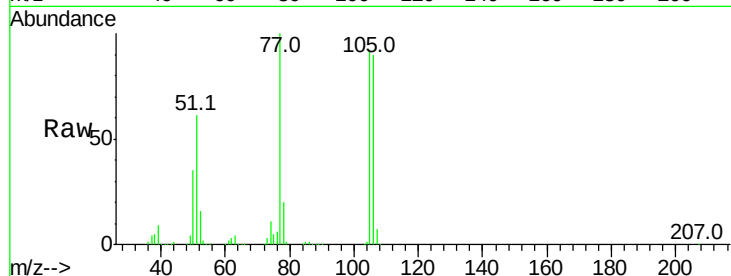
Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

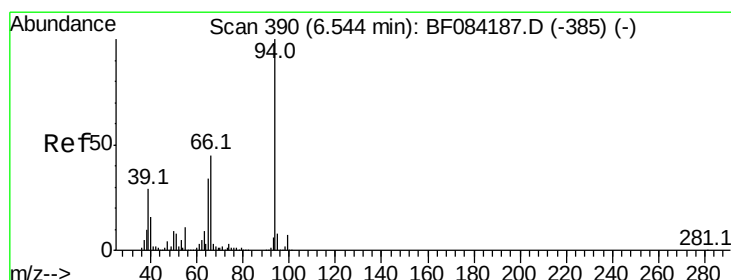
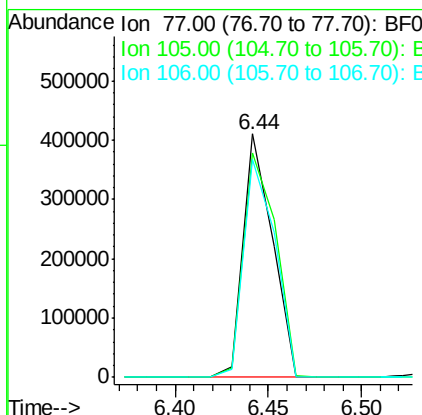
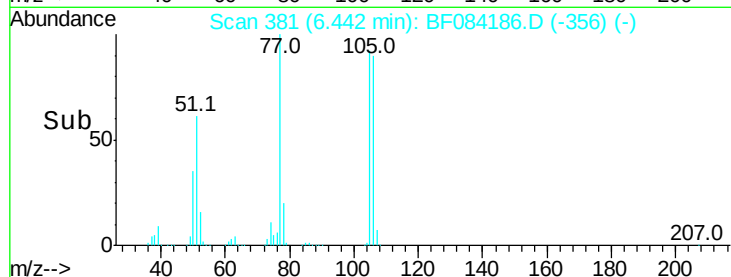
SSTDICC025



Tot Ion:	77	Resp:	446856
Ion Ratio	Lower	Upper	
77	100		
105	92.4	83.0	123.0
106	89.6	74.6	114.6

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#10

Phenol

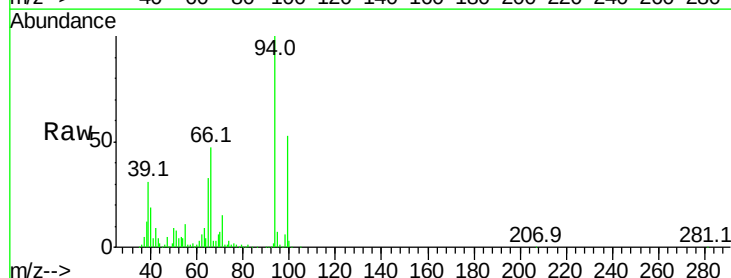
Concen: 22.24 ng

RT: 6.53 min Scan# 389

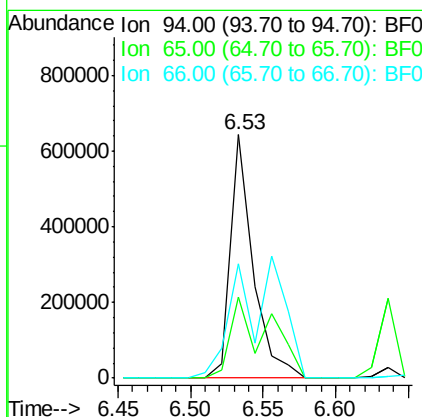
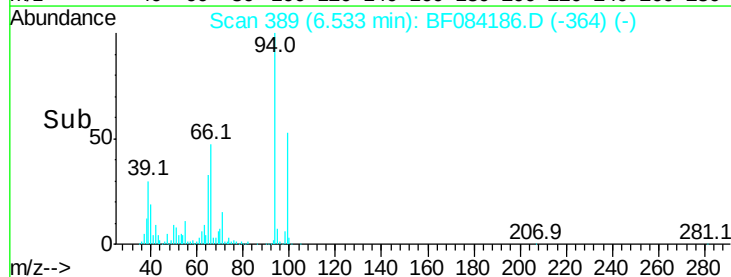
Delta R.T. -0.01 min

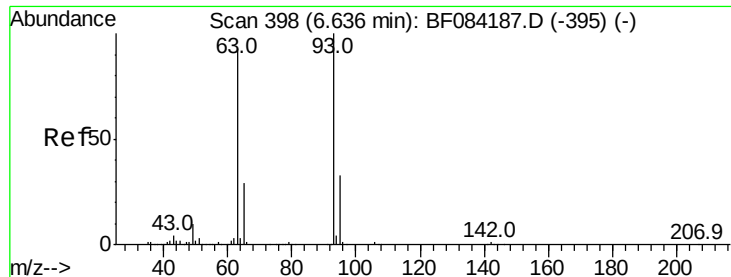
Lab File: BF084186.D

Acq: 31 Dec 2015 10:14



Tgt Ion:	94	Resp:	698837
Ion Ratio	Lower	Upper	
94	100		
65	33.3	12.9	52.9
66	46.7	32.7	72.7





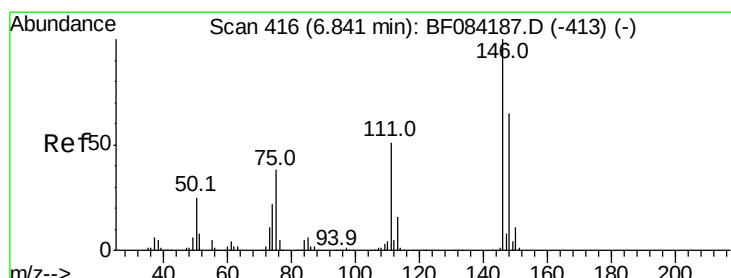
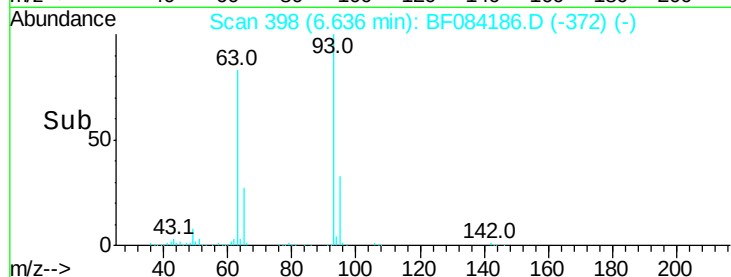
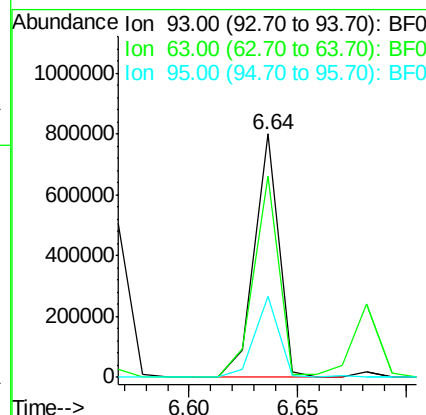
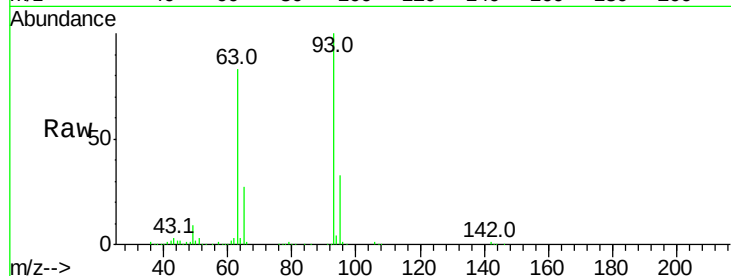
#11
bis(2-Chloroethyl)ether
Concen: 26.81 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	45.9	85.9
95	33.1	12.3	52.3

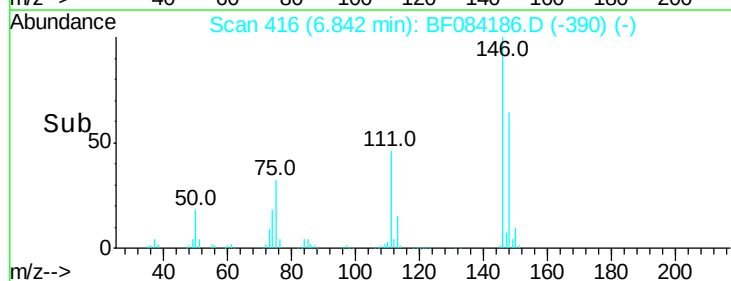
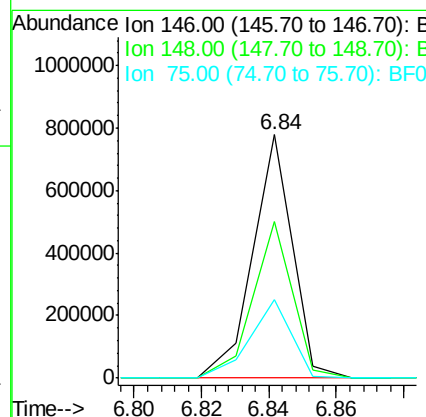
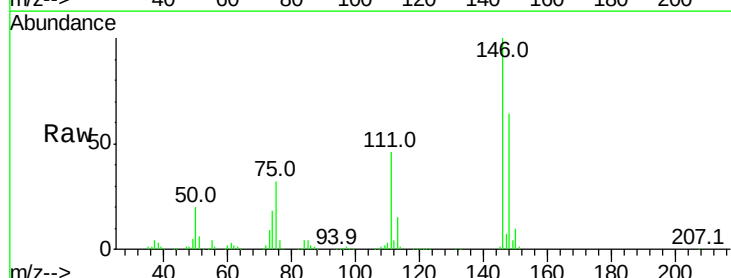
Manual Integrations
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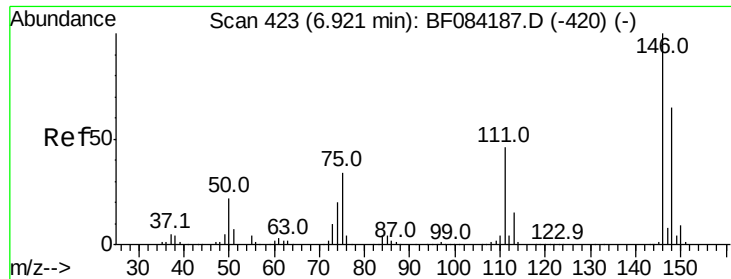
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 25.26 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
75	32.3	20.5	30.7#





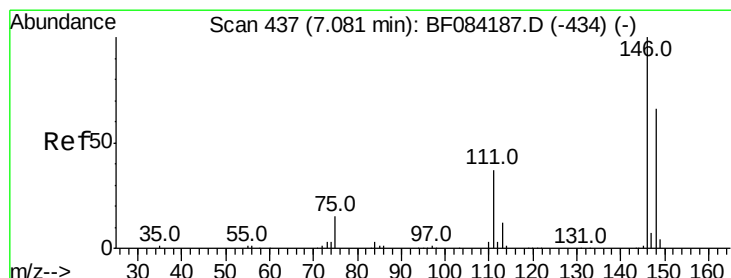
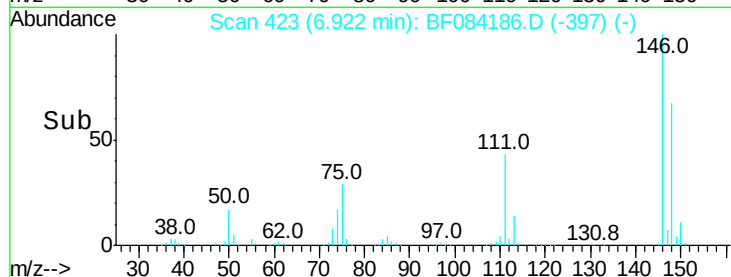
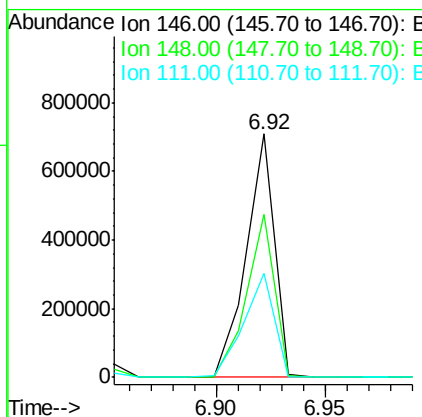
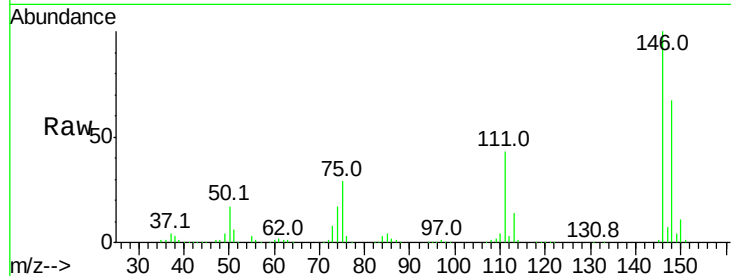
#13
 1,4-Dichlorobenzene
 Concen: 24.46 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.9	77.9
111	42.5	41.6	62.4

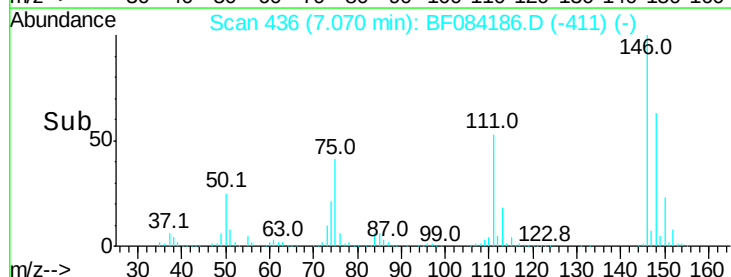
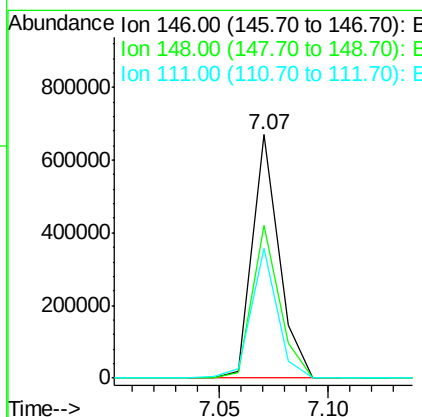
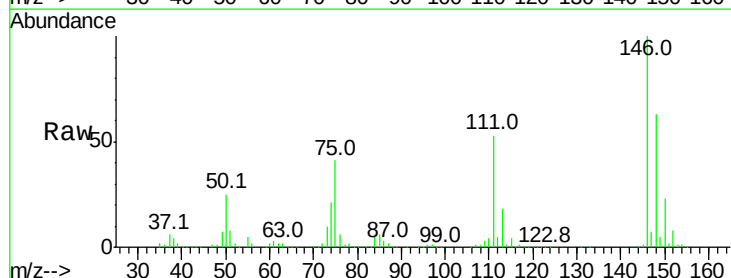
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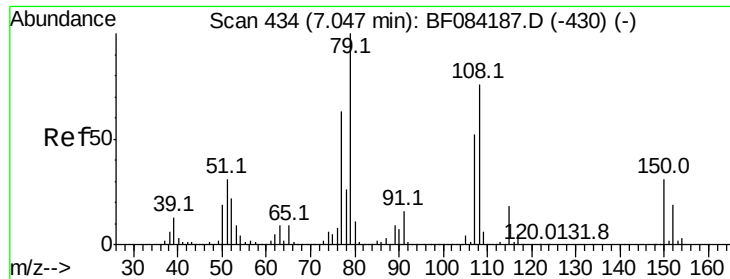
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#14
 1,2-Dichlorobenzene
 Concen: 22.37 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	53.1	38.0	57.0





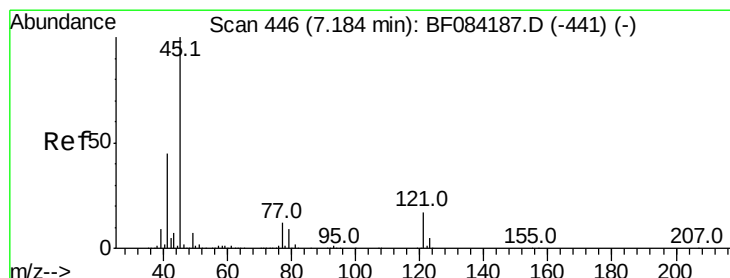
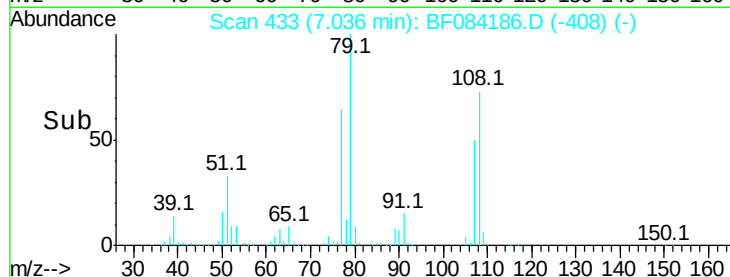
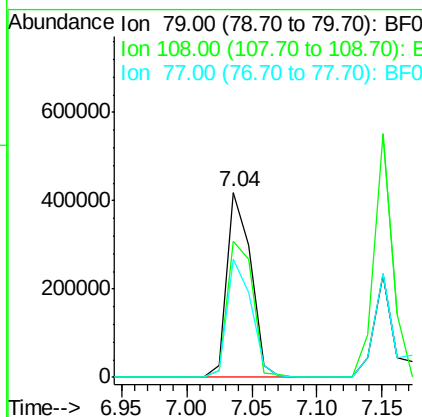
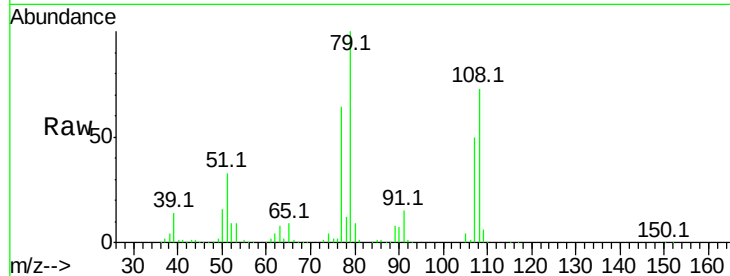
#15
Benzyl Alcohol
Concen: 22.99 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	69.0	103.4
77	63.8	50.0	75.0

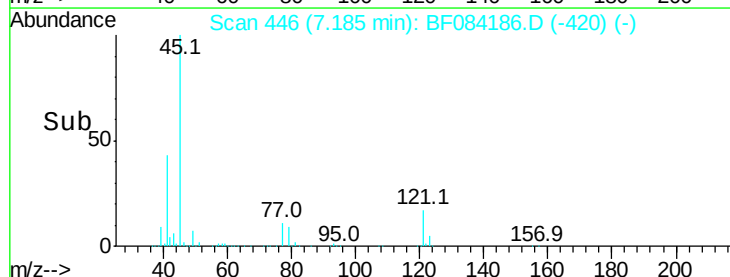
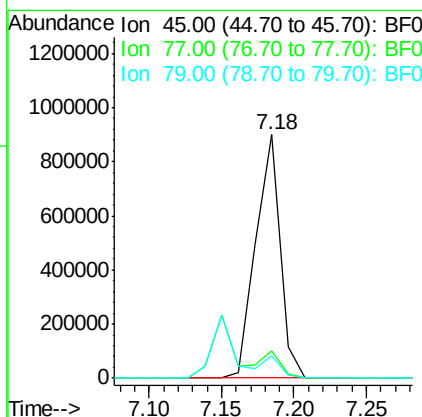
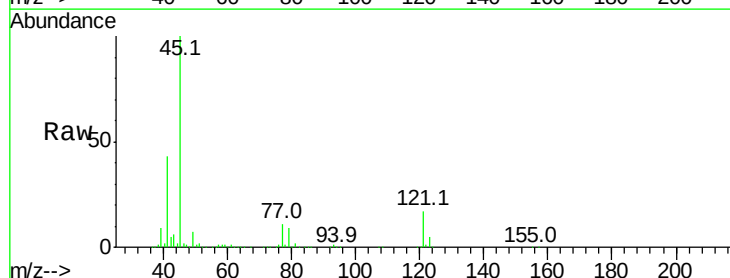
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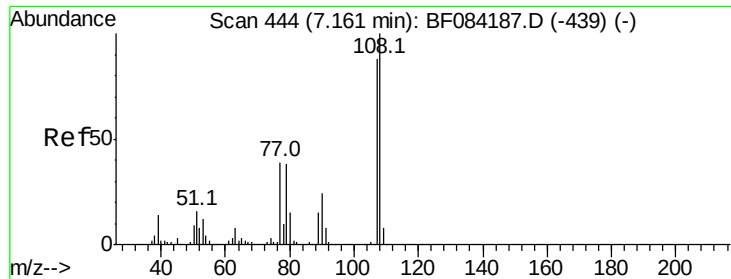
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.09 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	39.6
79	9.1	0.0	35.0





#17

2-Methylphenol

Concen: 23.51 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:107 Resp: 478145

Ion Ratio Lower Upper

107 100

108 112.0 89.8 134.6

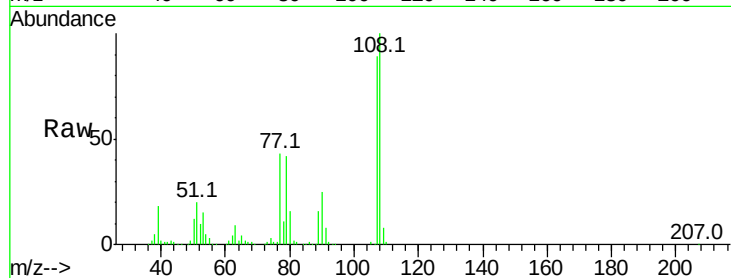
77 47.7 35.7 53.5

79 47.4 35.7 53.5

Manual Integrations
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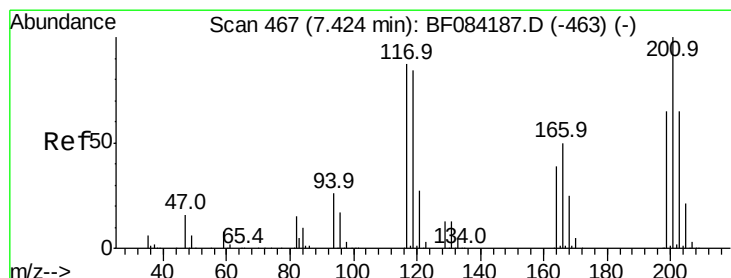
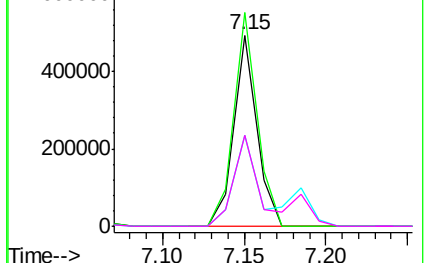
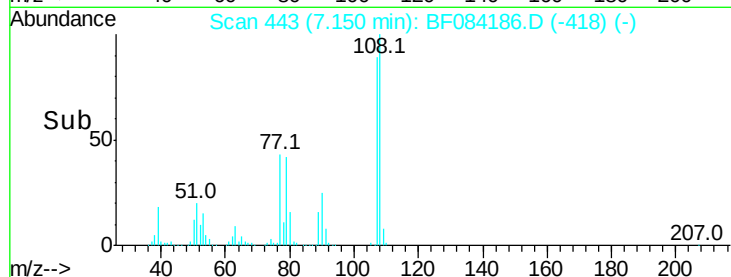


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 24.49 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

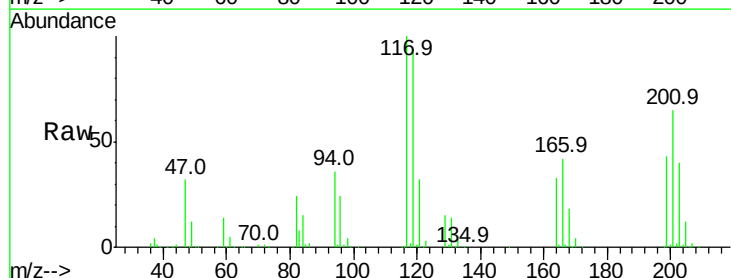
Tgt Ion:117 Resp: 239066

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.0

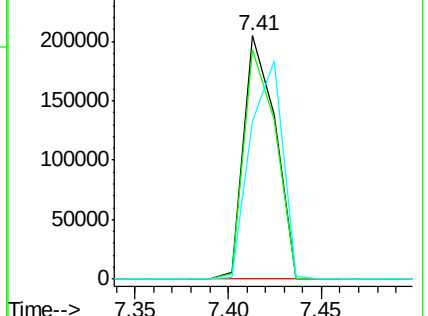
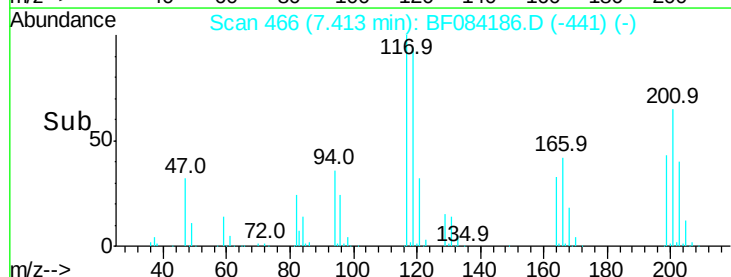
201 64.7 68.6 103.0#

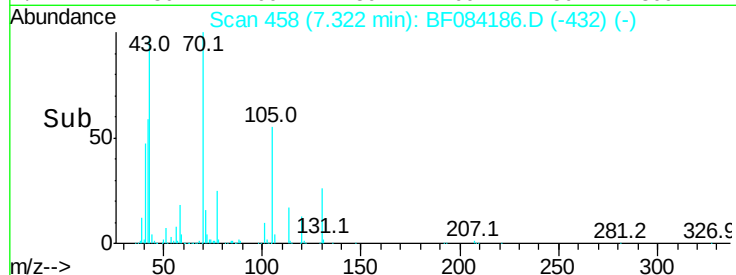
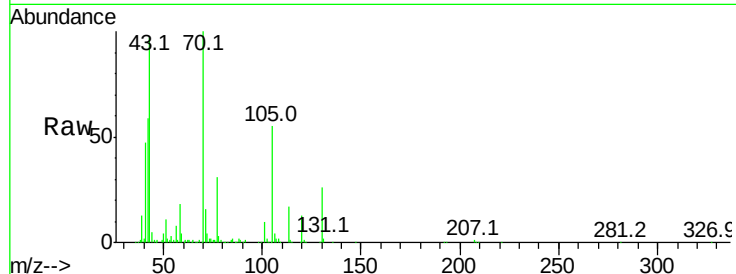
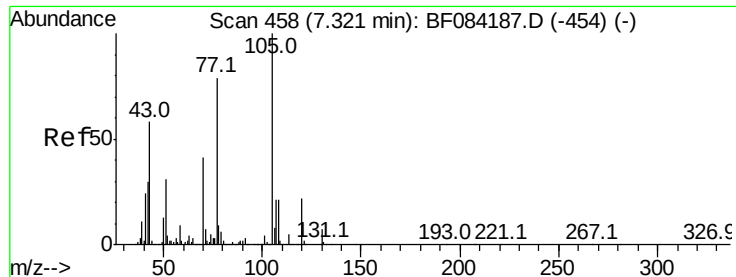


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





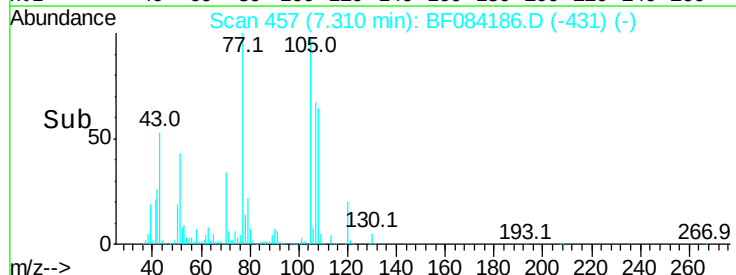
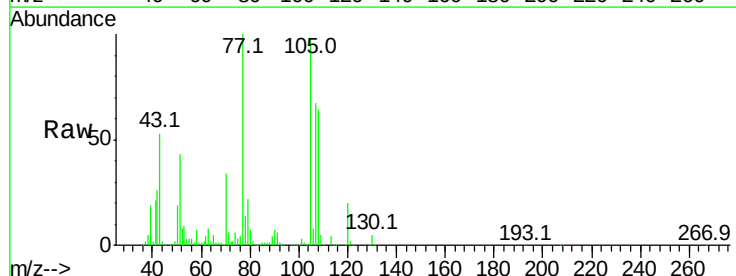
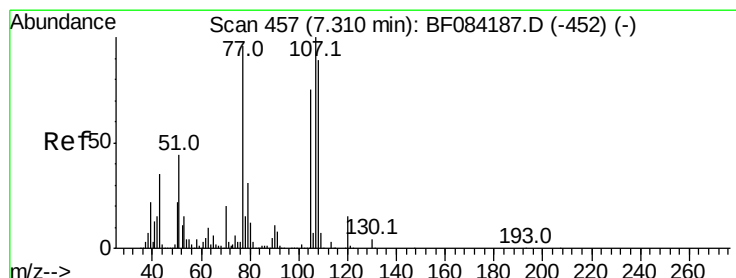
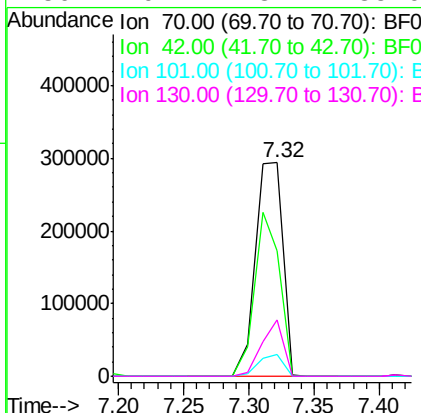
#19
n-Nitroso-di-n-propylamine
Concen: 24.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		433604		
42	58.9	33.3	49.9#		
101	10.0	9.3	13.9		
130	26.4	23.4	35.0		

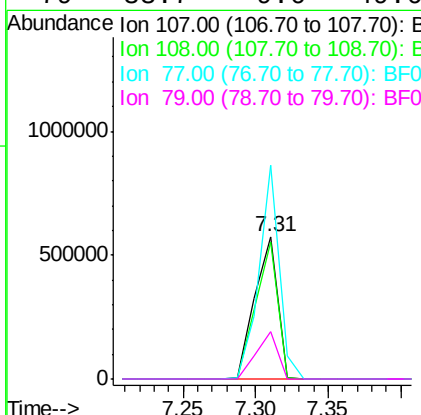
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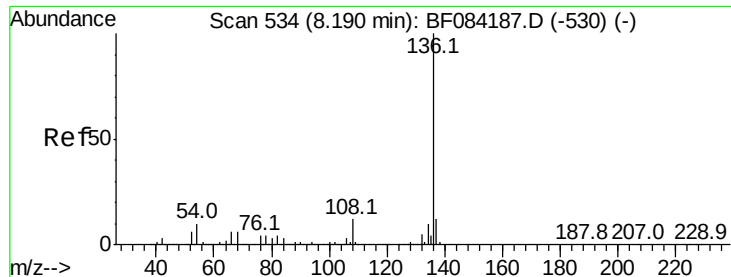
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#20
3+4-Methylphenols
Concen: 25.33 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		623104		
108	96.1	64.1	104.1		
77	150.3	128.9	168.9		
79	33.7	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:136 Resp: 1400181

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

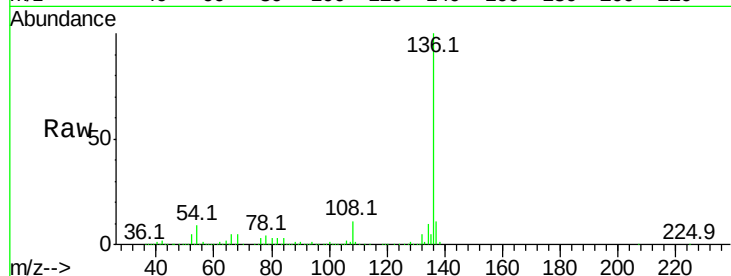
54 8.9 5.8 8.8#

68 5.2 4.2 6.2

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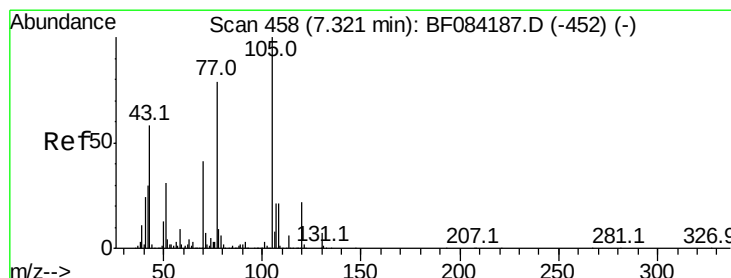
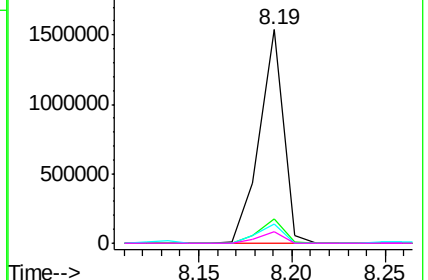
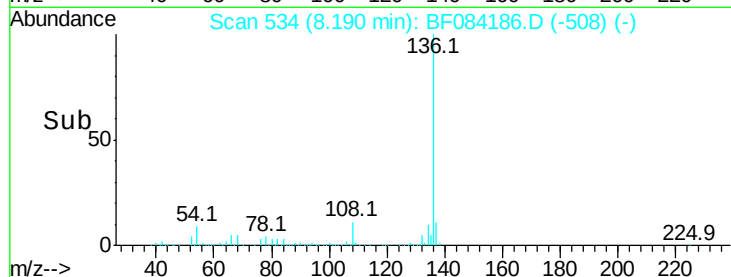


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.45 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:105 Resp: 801117

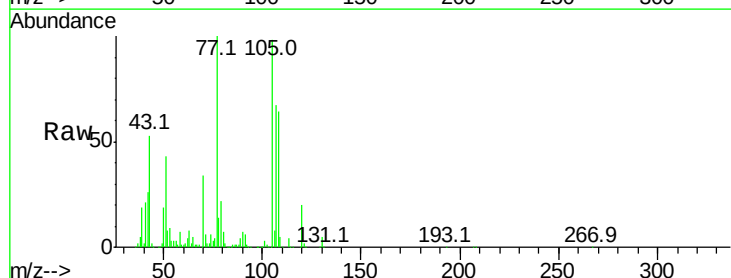
Ion Ratio Lower Upper

105 100

71 5.7 3.7 5.5#

51 43.9 25.1 37.7#

120 20.3 16.6 25.0

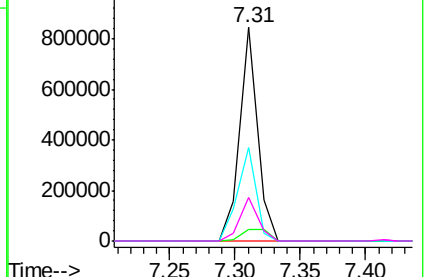
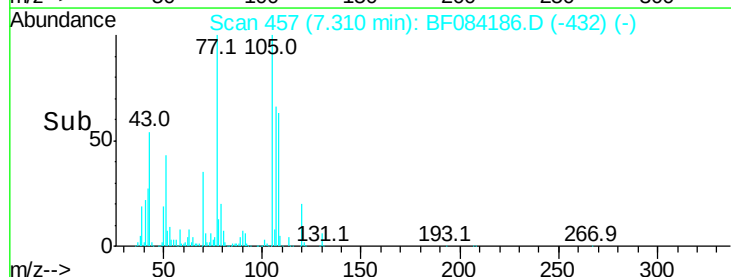


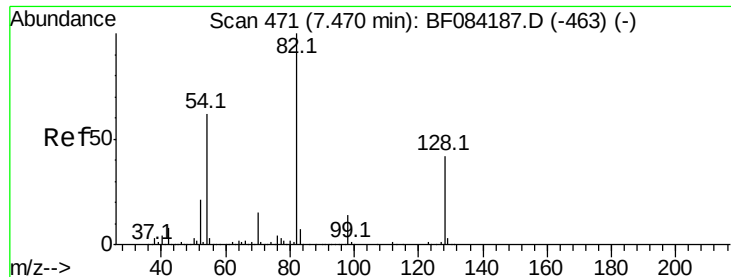
Abundance Ion 105.00 (104.70 to 105.70): E

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: 25.18 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 82 Resp: 1288841

Ion Ratio Lower Upper

82 100

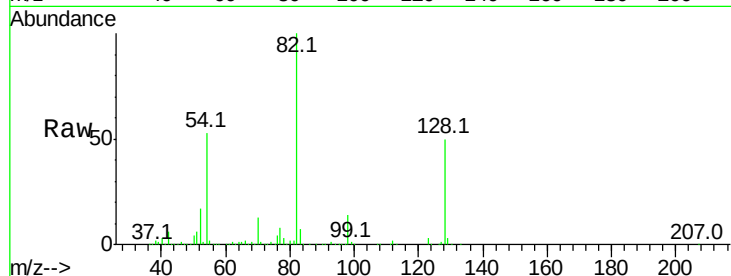
128 50.4 34.6 51.8

54 53.2 38.4 57.6

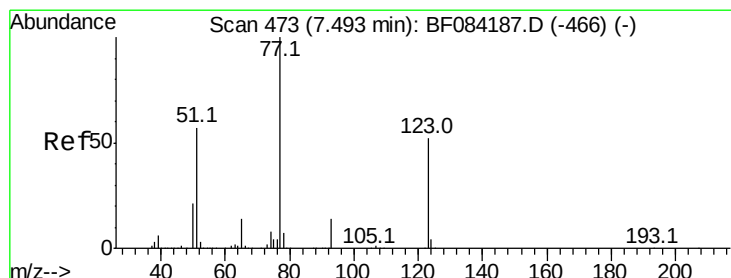
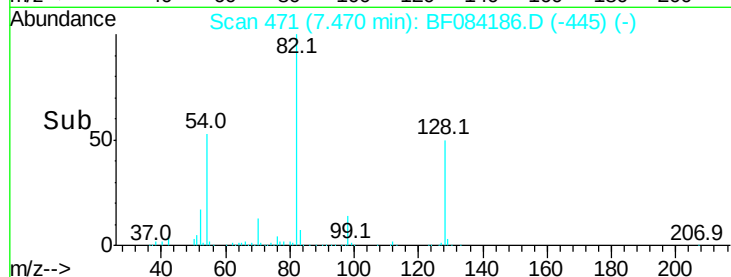
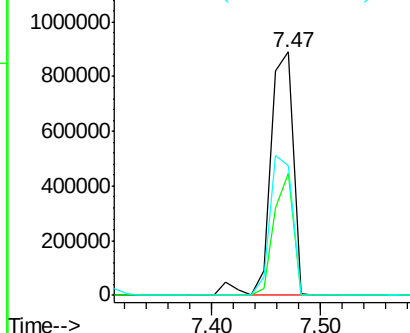
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Abundance Ion 82.00 (81.70 to 82.70): BF0
1200000
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 23.21 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

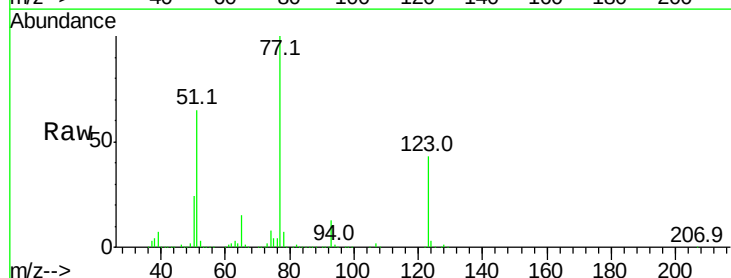
Tgt Ion: 77 Resp: 606043

Ion Ratio Lower Upper

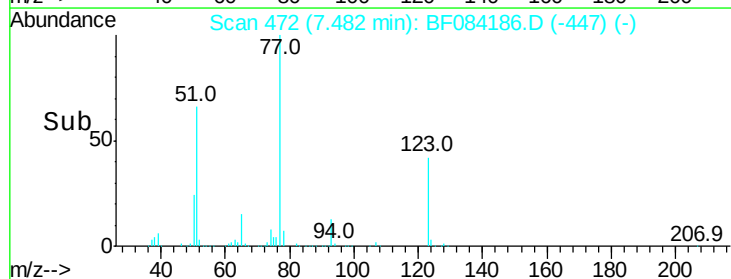
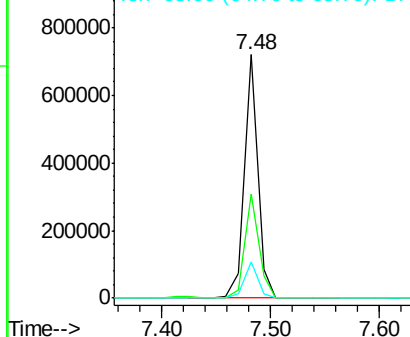
77 100

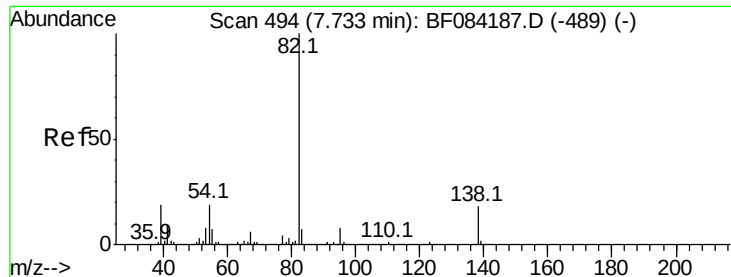
123 42.6 37.4 56.2

65 15.1 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
1000000
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.00 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

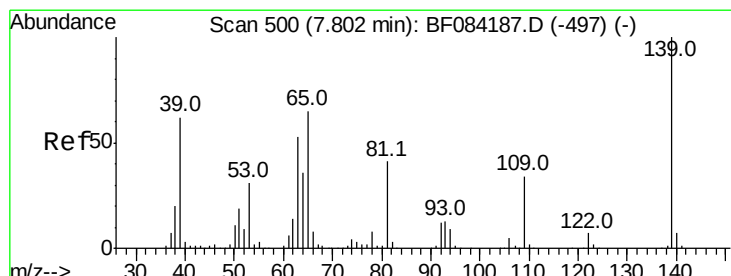
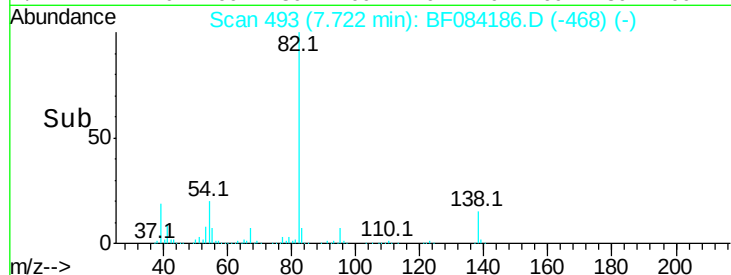
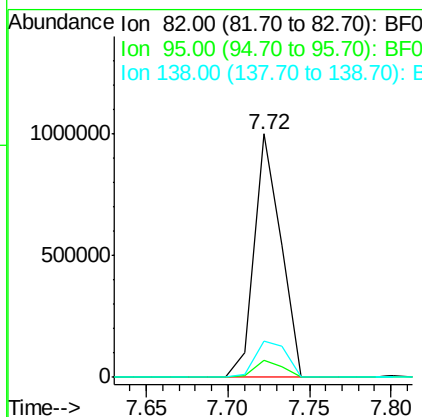
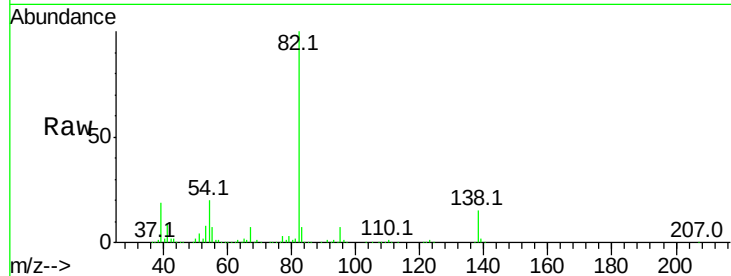
ClientSampleId :

SSTDIC025

Tot Ion:	82	Resp:	1131371
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.6	10.0
138	14.8	13.6	20.4

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#26

2-Nitrophenol

Concen: 27.28 ng

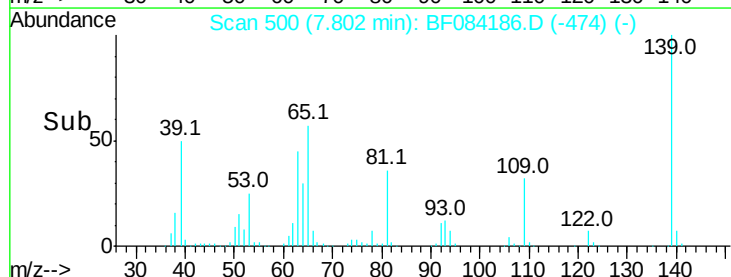
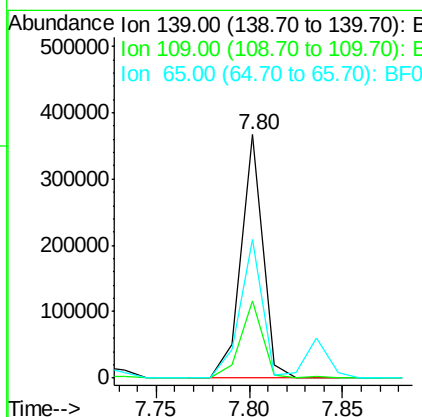
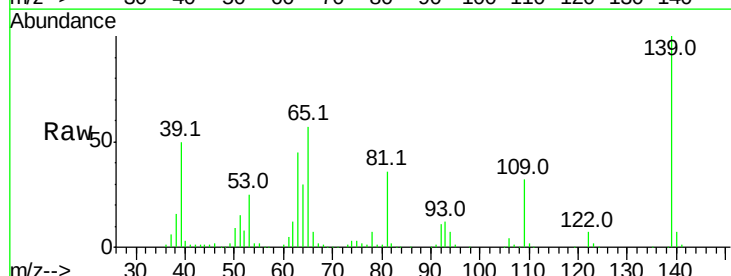
RT: 7.80 min Scan# 500

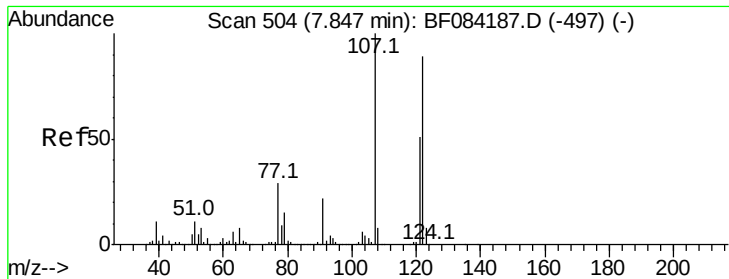
Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	139	Resp:	300219
Ion	Ratio	Lower	Upper
139	100		
109	31.8	25.4	38.2
65	57.0	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 22.50 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

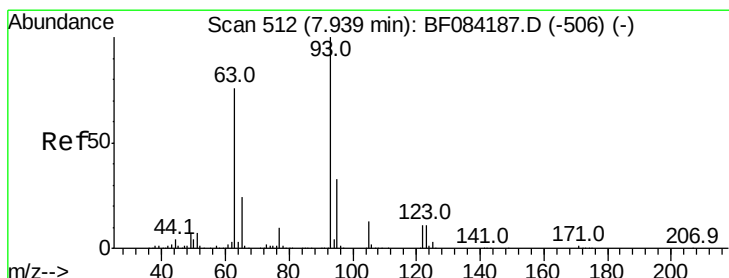
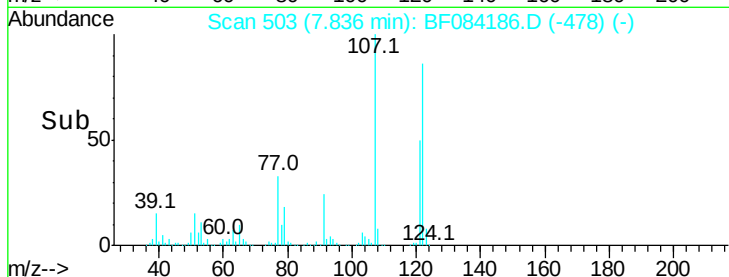
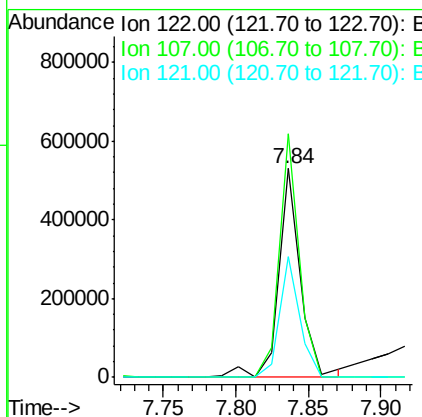
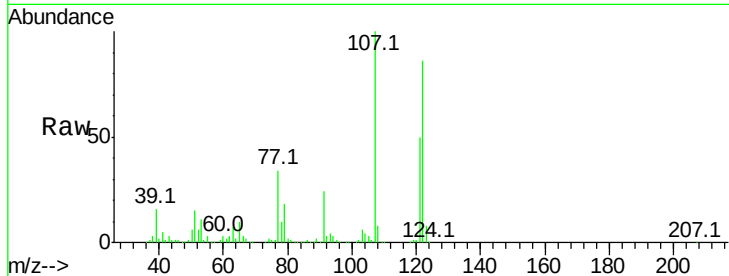
ClientSampleId :

SSTDIC025

Tot Ion:	122	Resp:	551363
Ion Ratio	Lower	Upper	
122	100		
107	116.6	99.1	148.7
121	57.8	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 25.84 ng

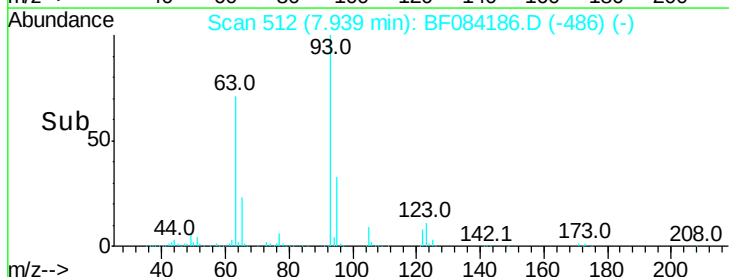
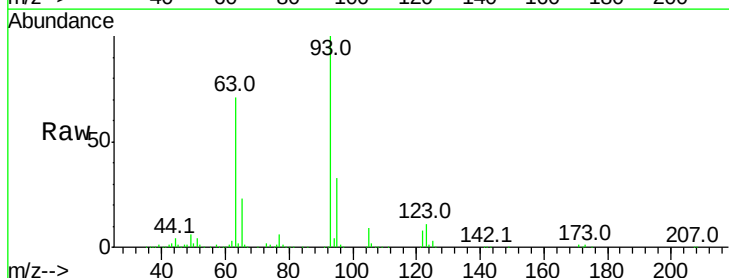
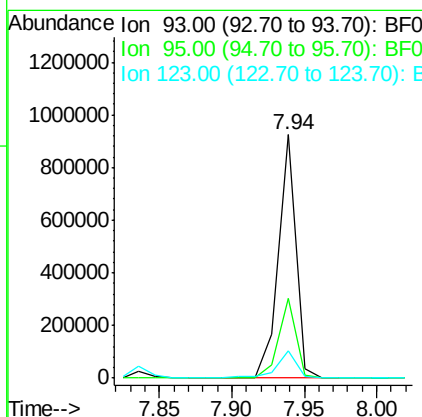
RT: 7.94 min Scan# 512

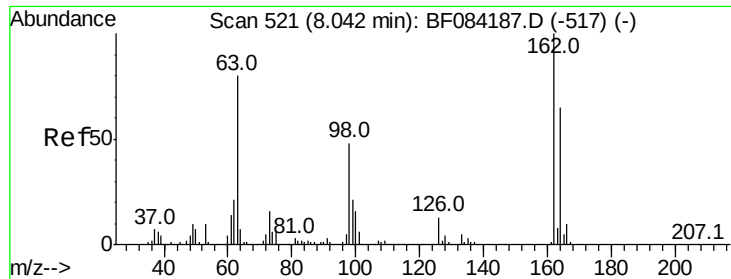
Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	93	Resp:	774084
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.8	38.6
123	11.0	8.6	12.8





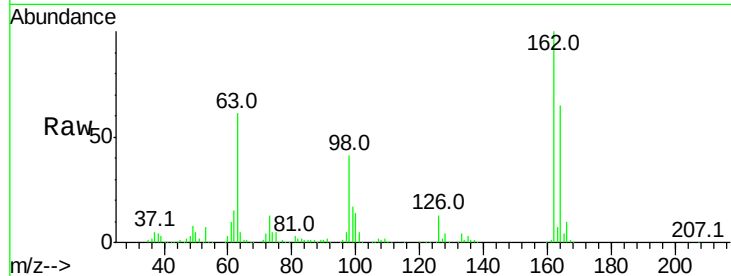
#29
2,4-Dichlorophenol
Concen: 25.26 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

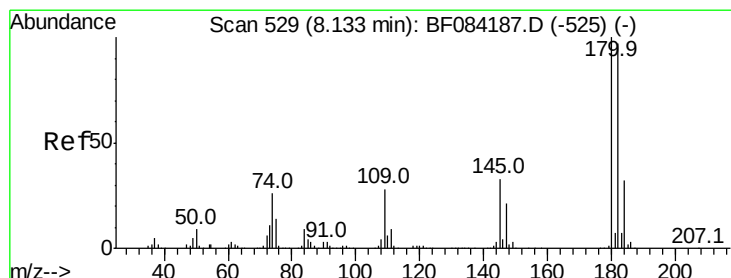
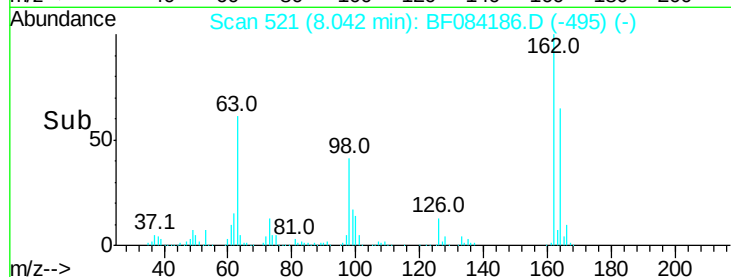
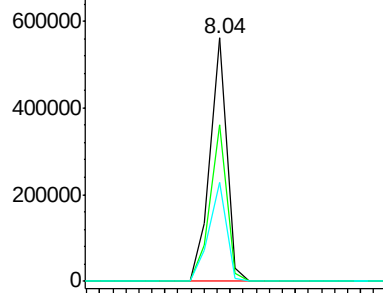
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.1	84.1
98	40.9	20.2	60.2

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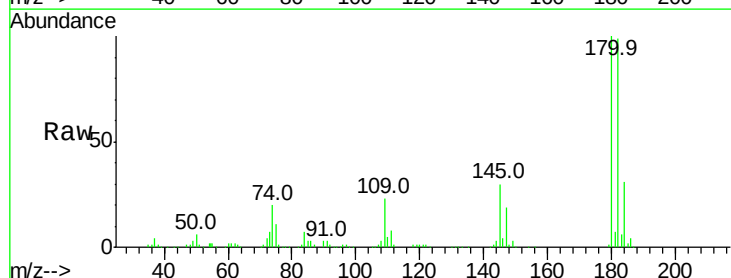


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

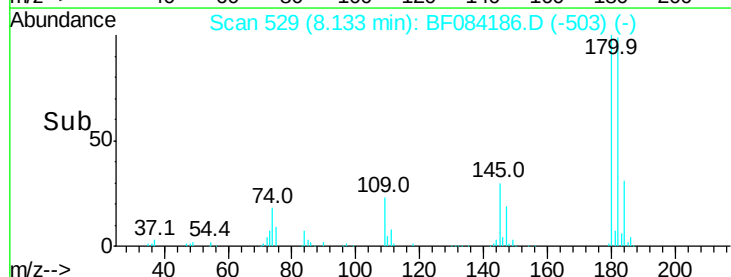
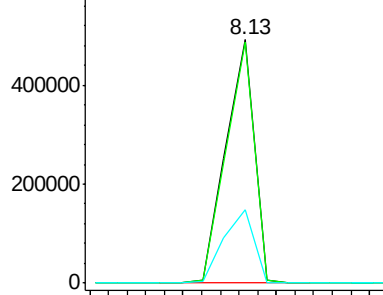


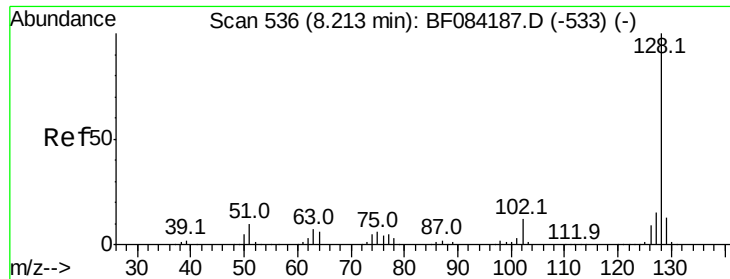
#30
1,2,4-Trichlorobenzene
Concen: 24.54 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	99.1	76.4	114.6
145	30.0	31.6	47.4#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





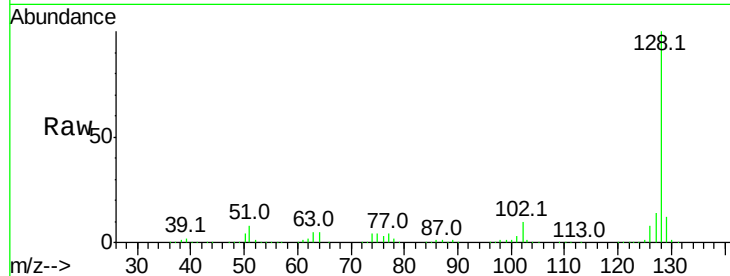
#31
Naphthalene
Concen: 24.84 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

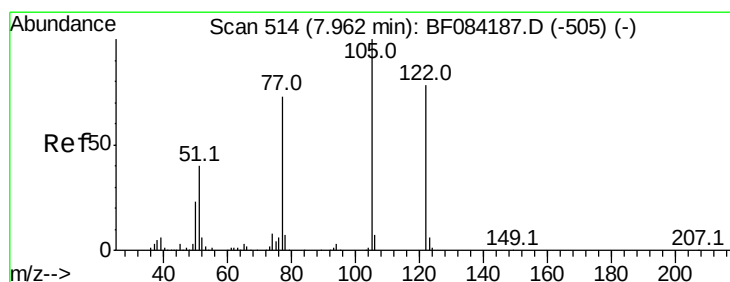
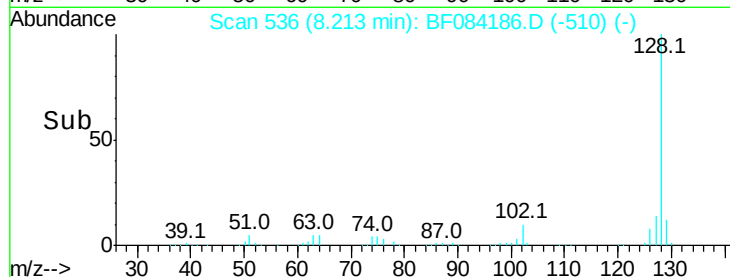
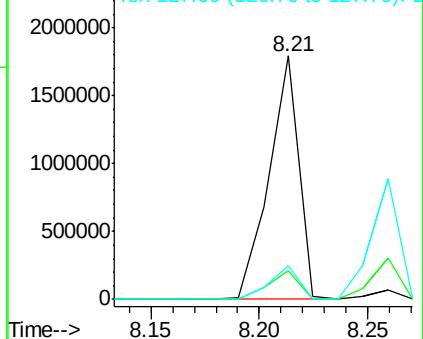
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.1	11.1	16.7

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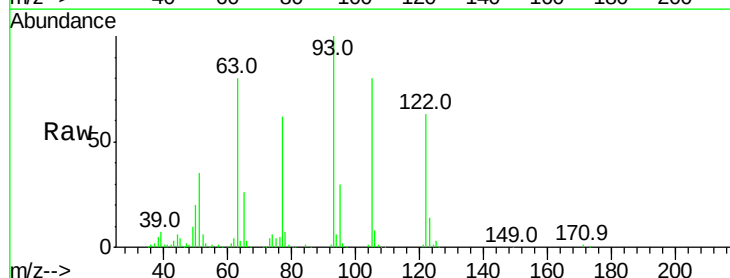


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

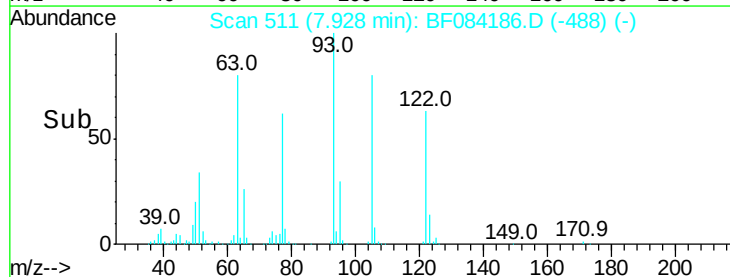
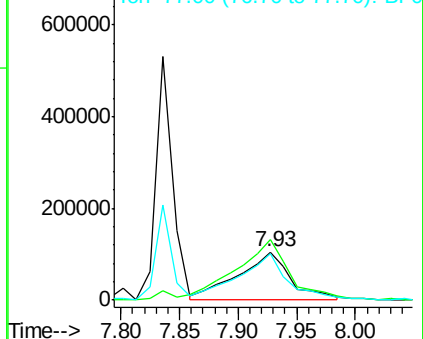


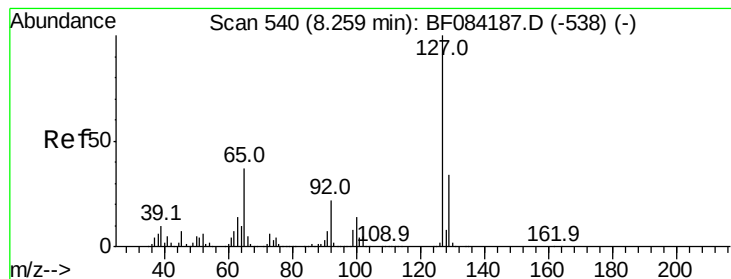
#32
Benzoic acid
Concen: 32.07 ng m
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	100.3	140.3
77	97.1	63.5	103.5



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: 26.37 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

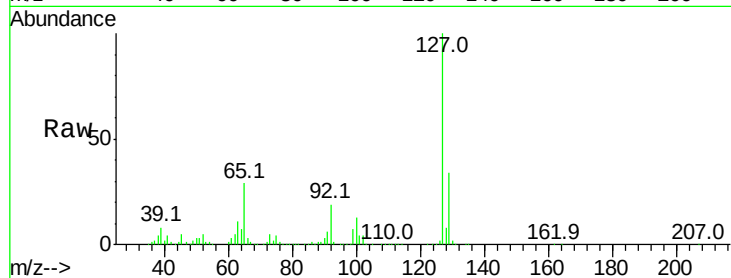
ClientSampleId :

SSTDIC025

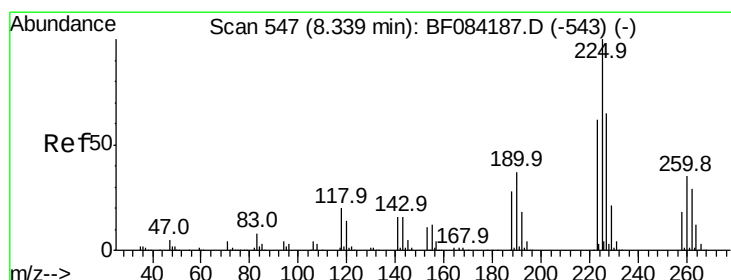
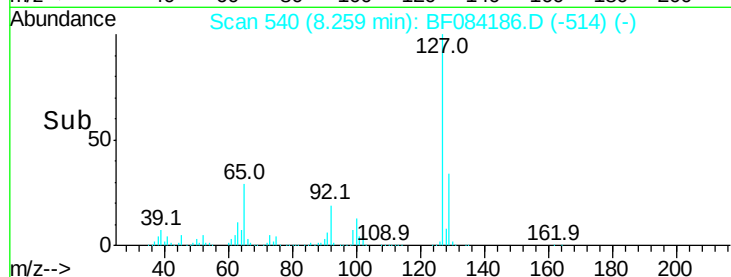
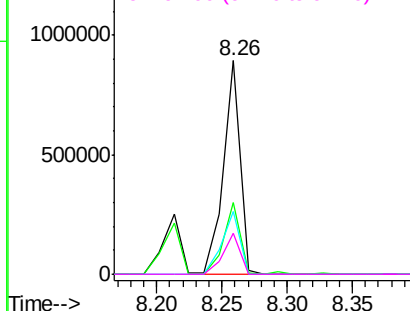
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		800778		
129	33.7	26.5	39.7		
65	29.3	27.2	40.8		
92	18.9	17.7	26.5		

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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: 23.99 ng

RT: 8.33 min Scan# 546

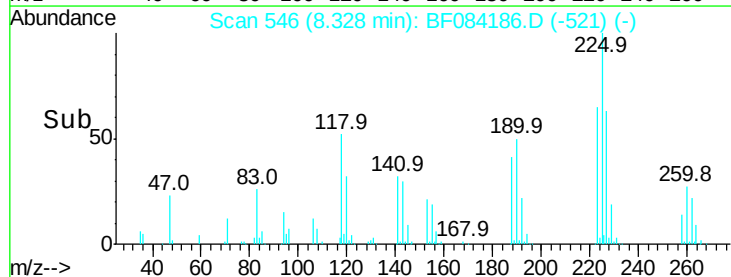
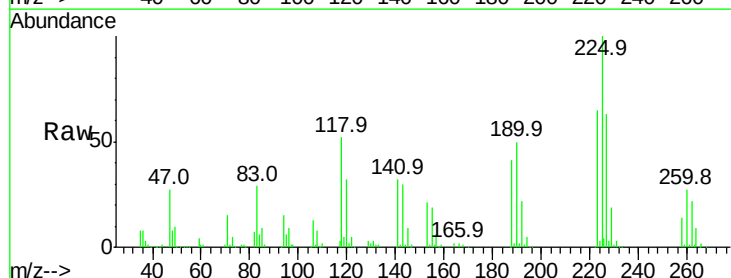
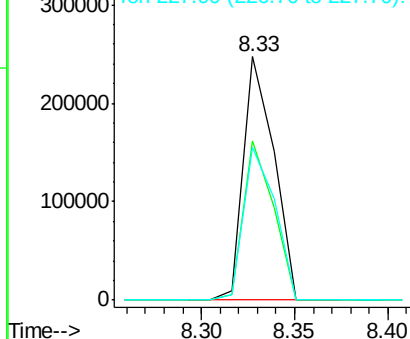
Delta R.T. -0.01 min

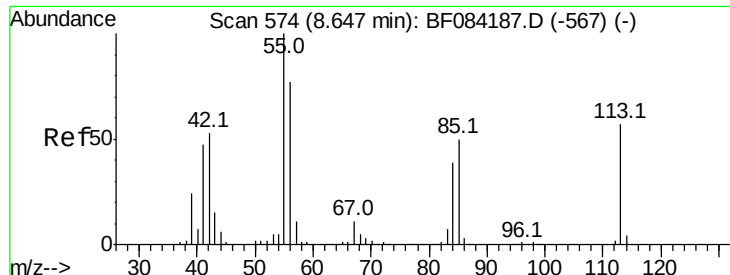
Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		279839		
223	65.4	49.4	74.0		
227	62.6	50.8	76.2		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





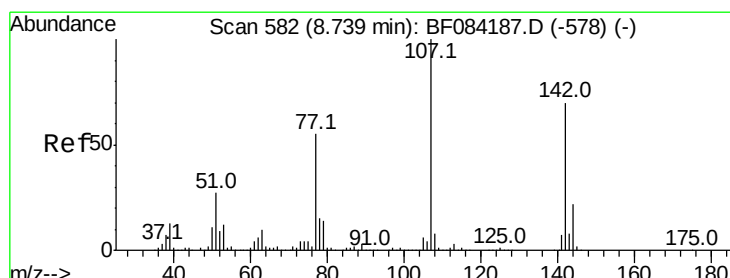
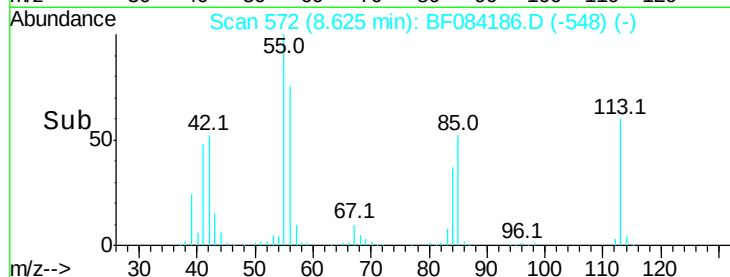
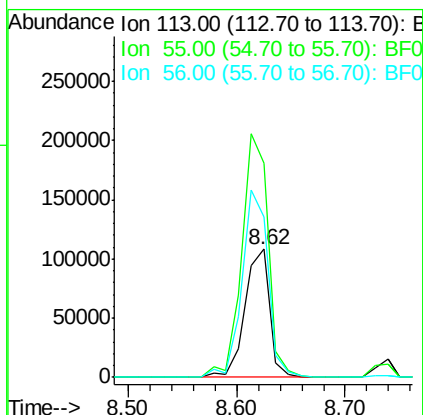
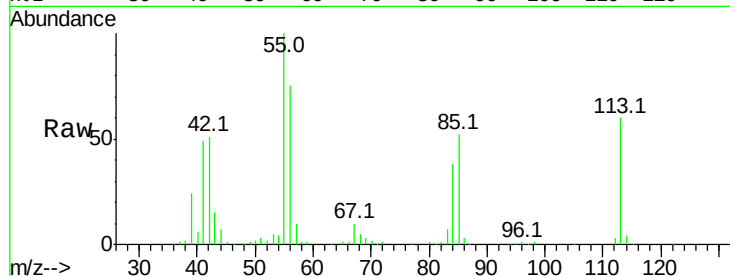
#35
 Caprolactam
 Concen: 25.41 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.9	116.9	156.9#
56	125.7	93.8	133.8

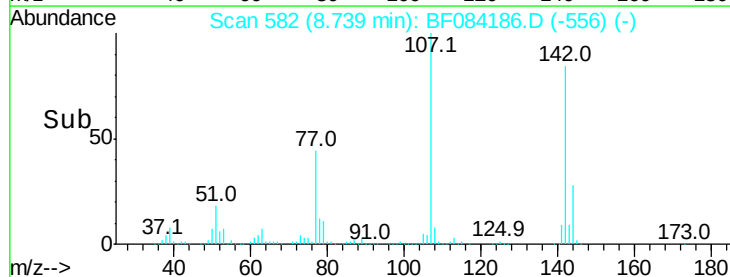
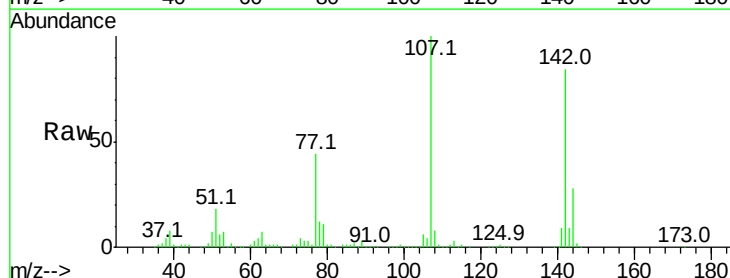
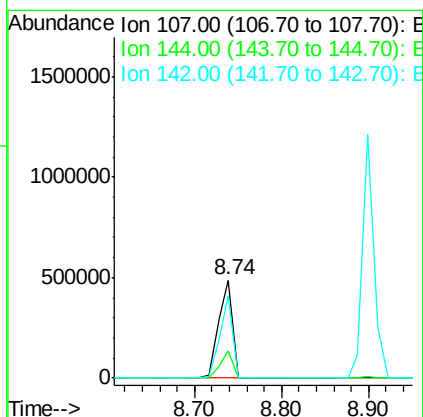
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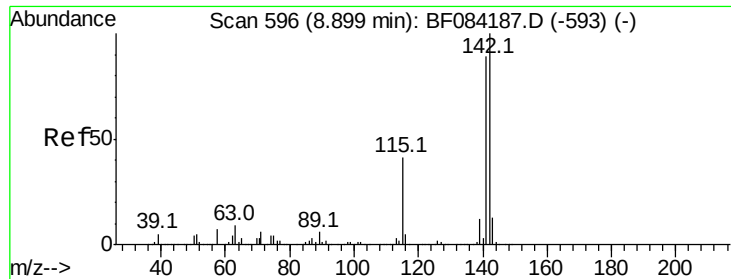
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#36
 4-Chloro-3-methylphenol
 Concen: 24.64 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	19.7	29.5
142	83.9	61.8	92.6





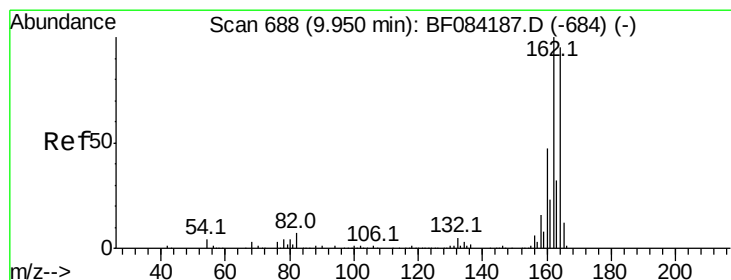
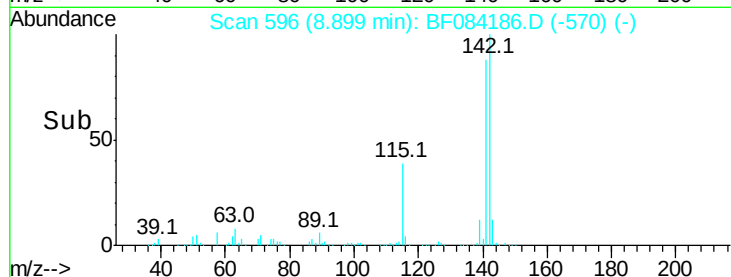
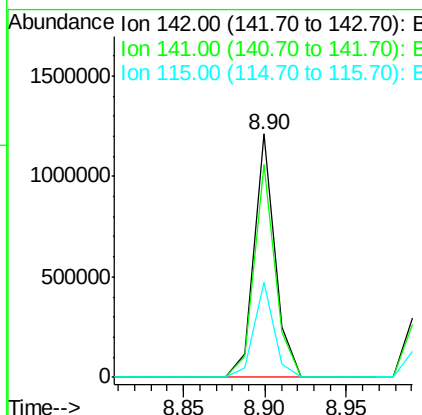
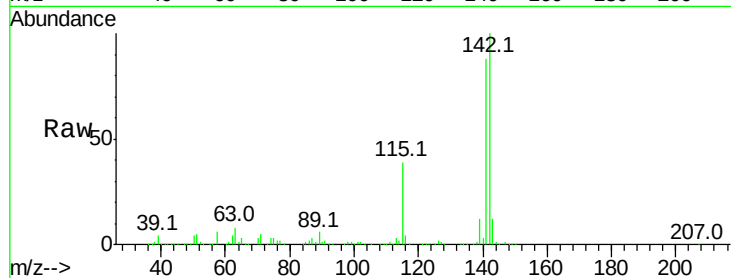
#37
2-Methylnaphthalene
Concen: 22.61 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.4	108.6
115	39.3	27.9	41.9

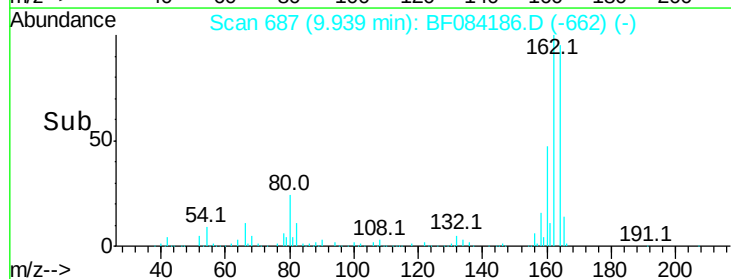
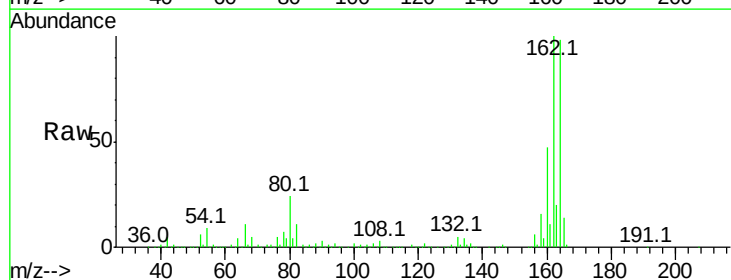
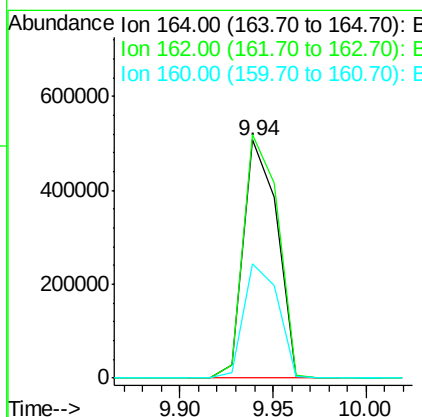
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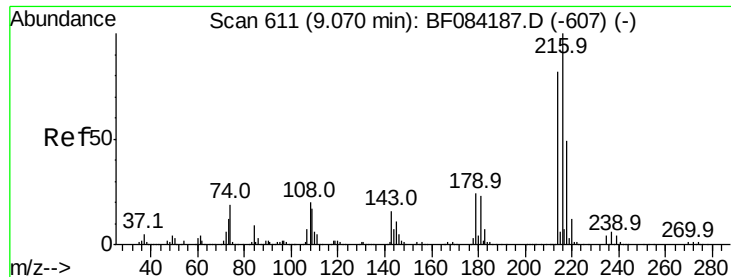
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	48.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.94 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084186.D

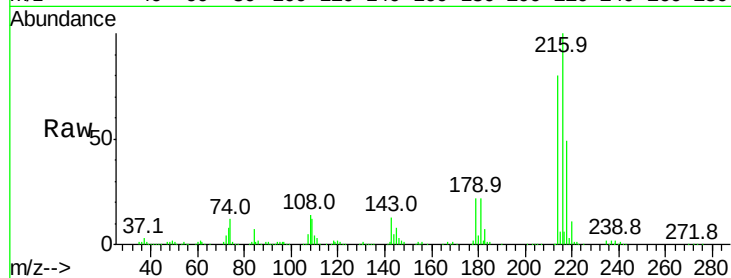
Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

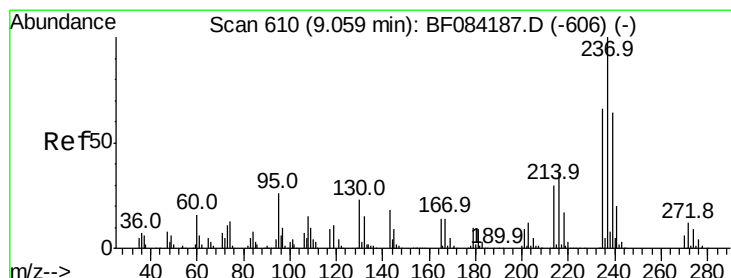
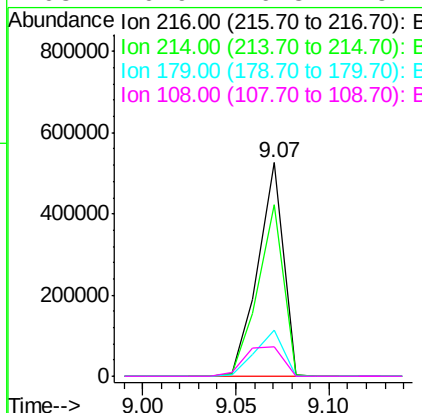
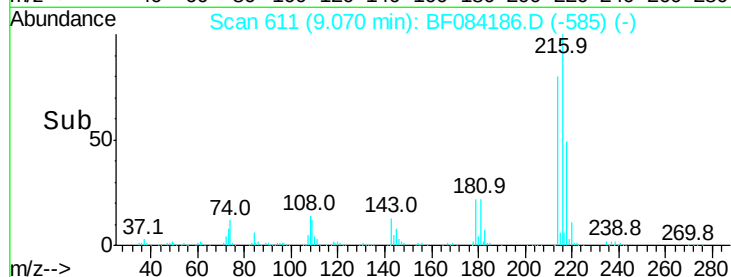
SSTDICC025



Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.9	64.2	96.2
179	23.2	18.7	28.1
108	20.9	16.8	25.2

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#40

Hexachlorocyclopentadiene

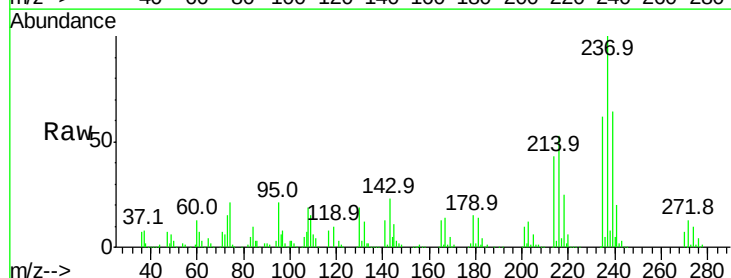
Concen: 27.13 ng

RT: 9.06 min Scan# 610

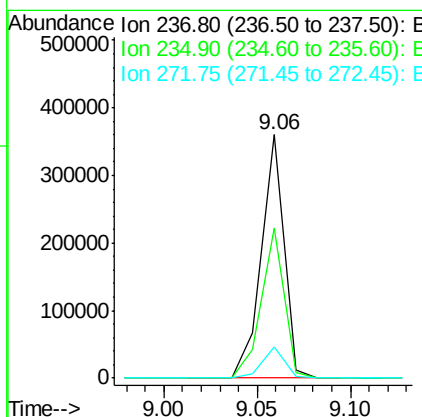
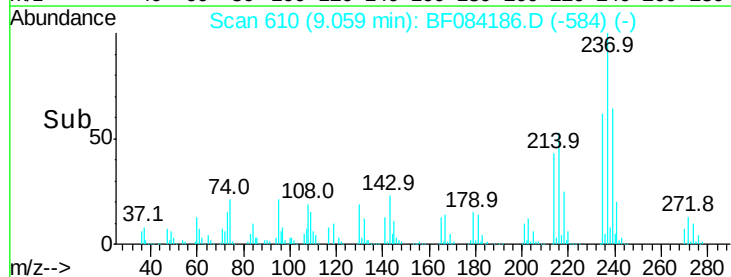
Delta R.T. 0.00 min

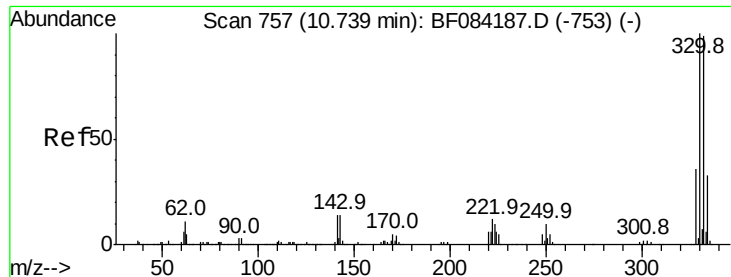
Lab File: BF084186.D

Acq: 31 Dec 2015 10:14



Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	43.1	83.1
272	12.5	0.0	35.1





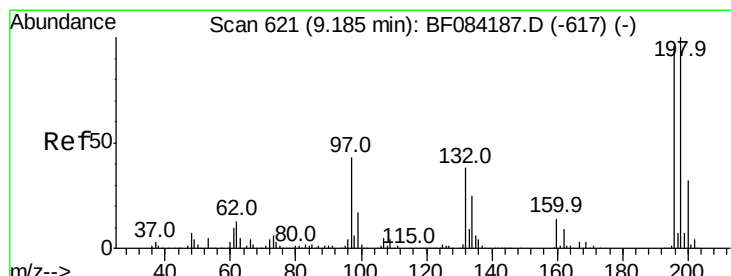
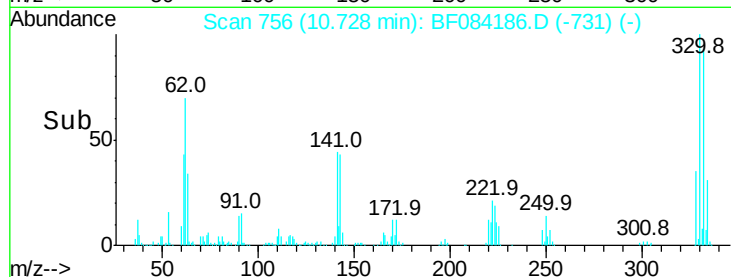
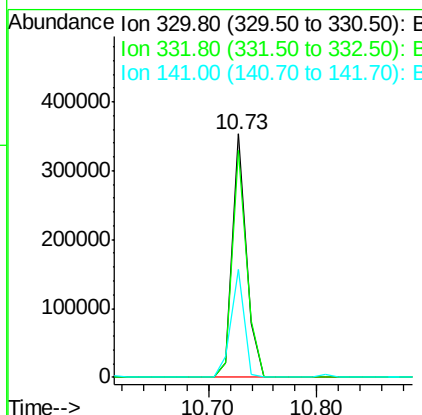
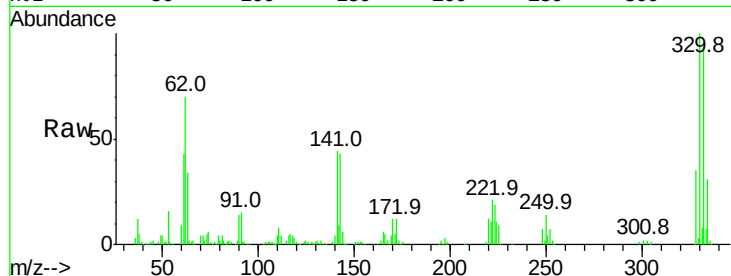
#41
 2,4,6-Tribromophenol
 Concen: 22.94 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100	313823		
332	95.4	76.6	114.8	
141	42.5	27.8	41.6#	

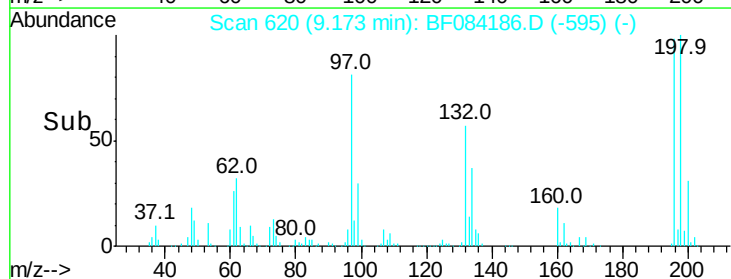
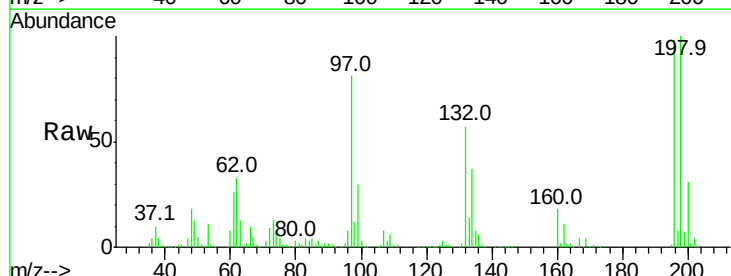
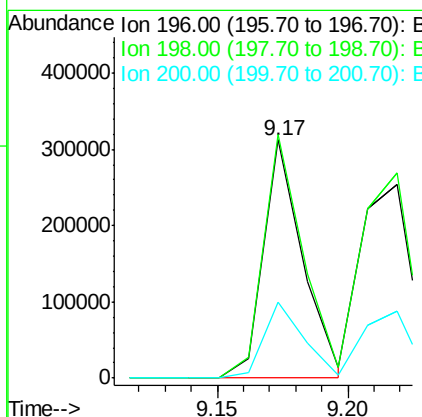
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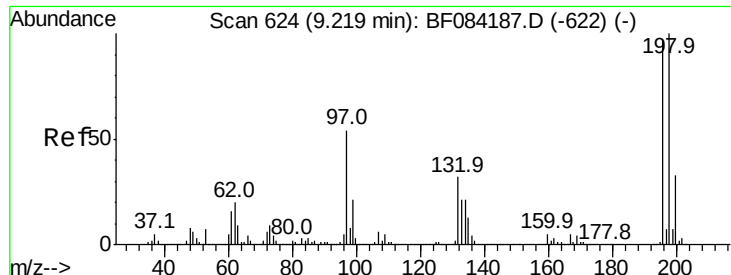
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#42
 2,4,6-Trichlorophenol
 Concen: 22.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

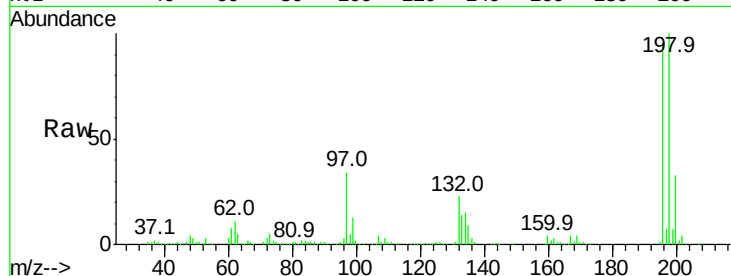
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327695		
198	102.1	77.7	116.5	
200	32.0	24.6	37.0	





#43
2,4,5-Trichlorophenol
Concen: 24.59 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

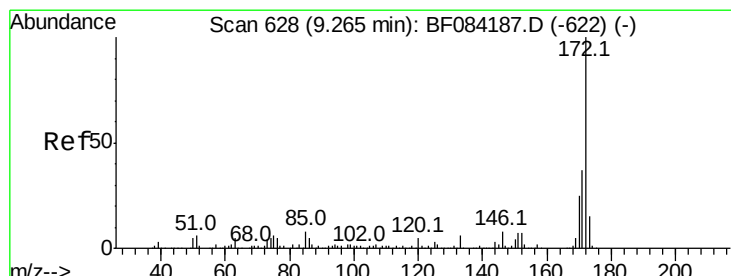
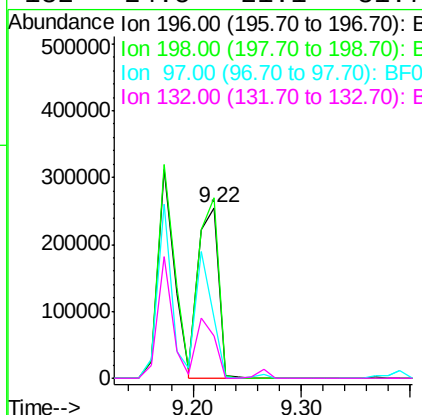
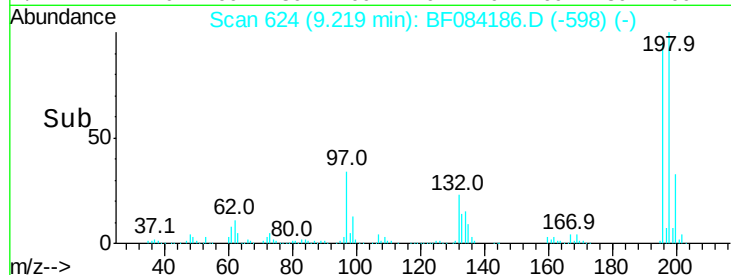
Instrument :
BNA_F
ClientSampleId :
SSTDIC025



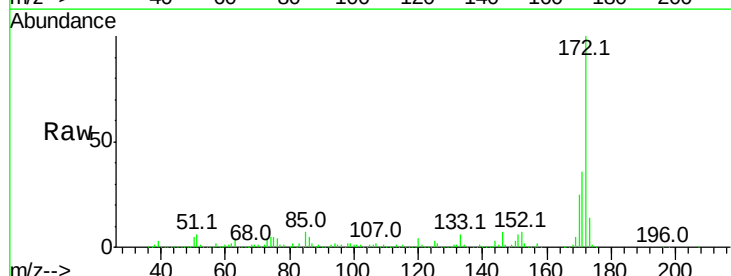
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.5	79.0	118.6	
97	35.4	33.0	49.6	
132	24.5	21.1	31.7	

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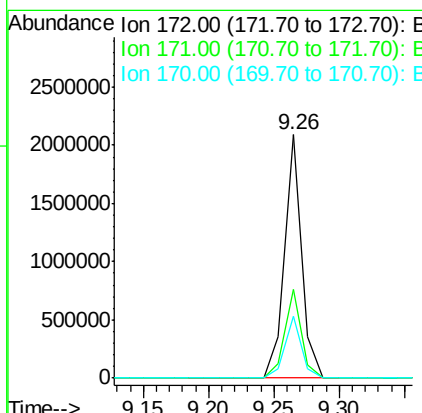
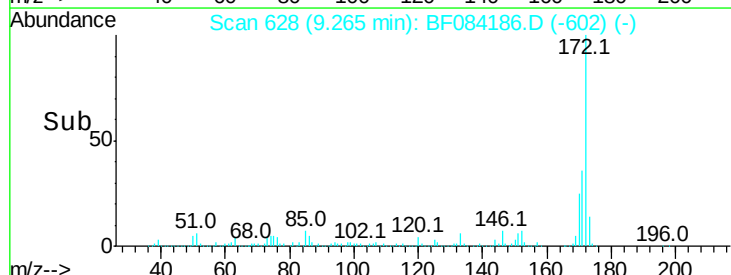
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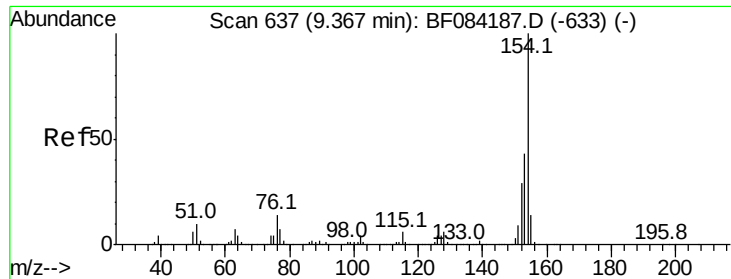


#44
2-Fluorobiphenyl
Concen: 21.45 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14



Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	28.9	43.3	
170	25.4	18.6	27.8	





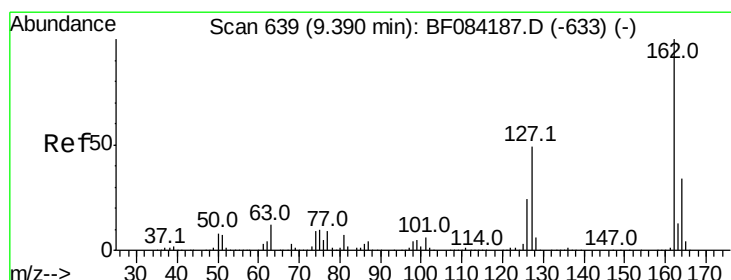
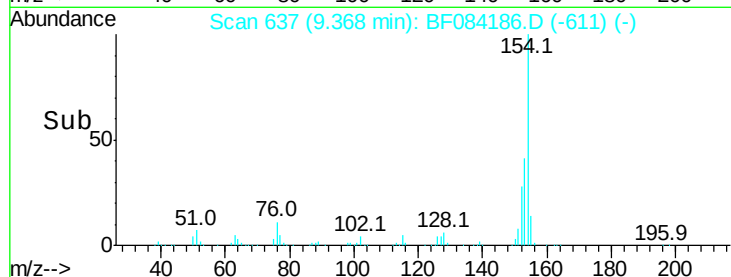
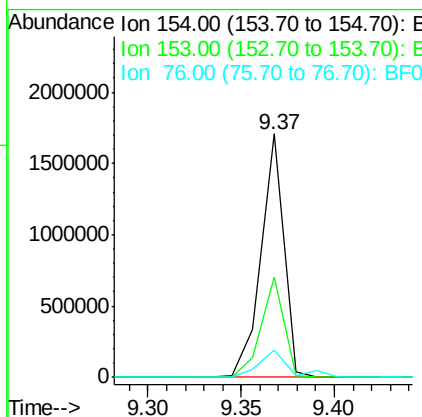
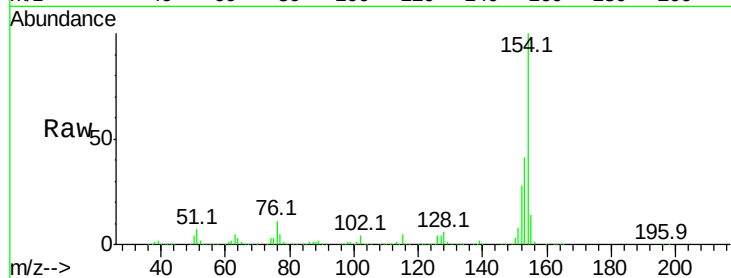
#45
1,1'-Biphenyl
Concen: 24.93 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.6	61.6
76	11.3	0.0	32.7

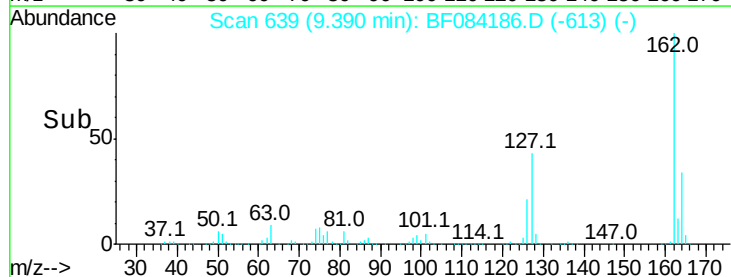
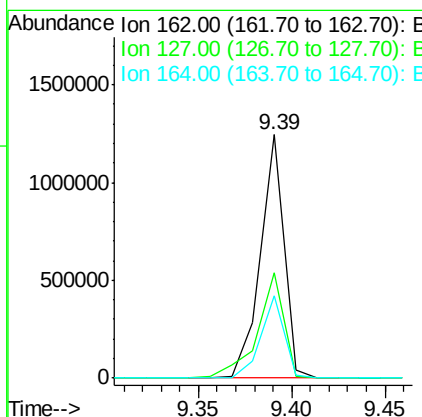
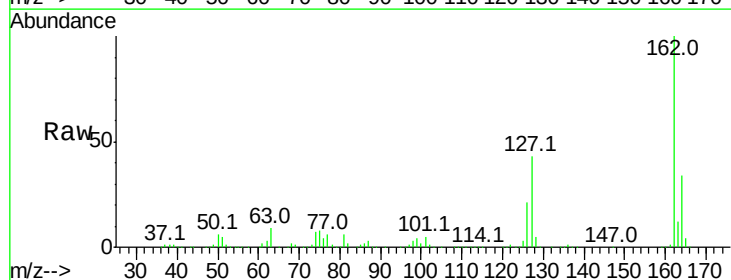
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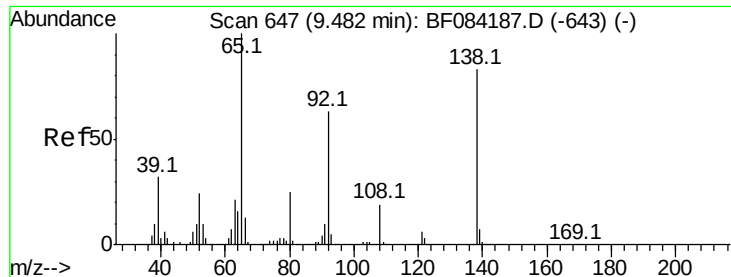
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#46
2-Chloronaphthalene
Concen: 25.38 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	40.2	60.4
164	33.7	25.7	38.5





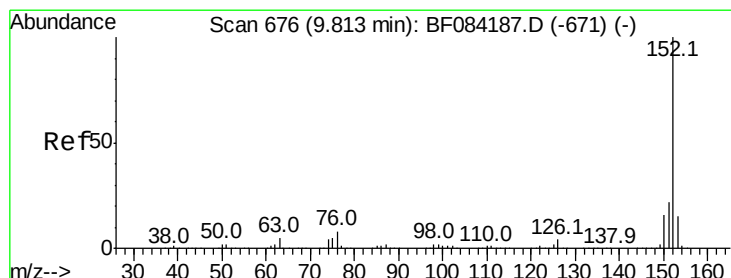
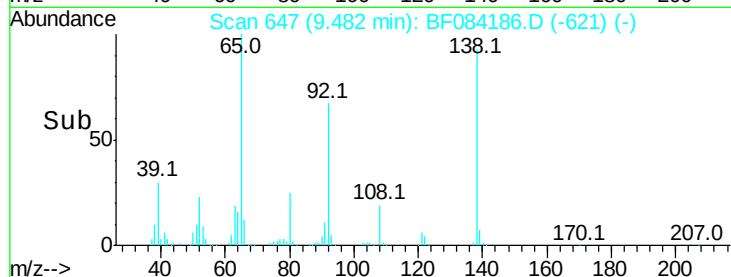
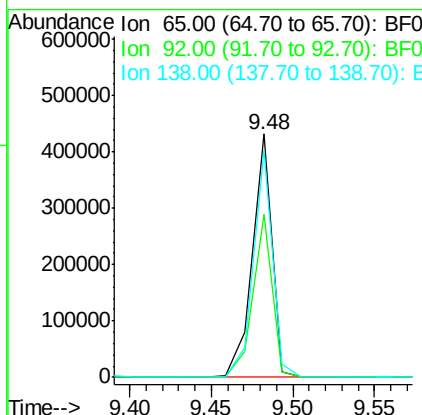
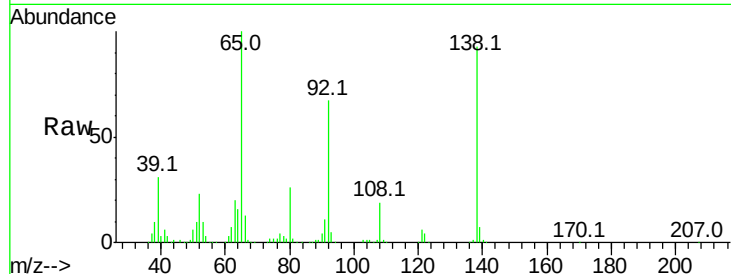
#47
2-Nitroaniline
Concen: 28.90 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.4	80.2
138	93.3	71.1	106.7

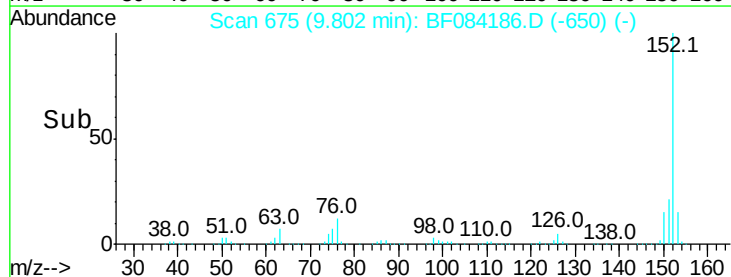
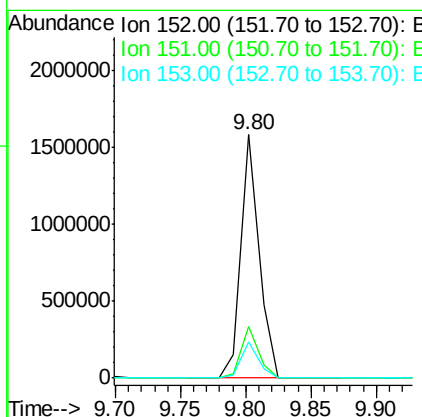
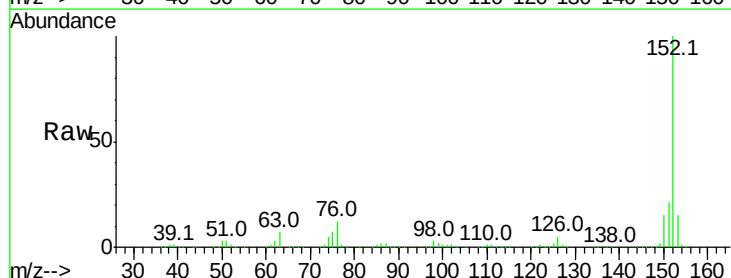
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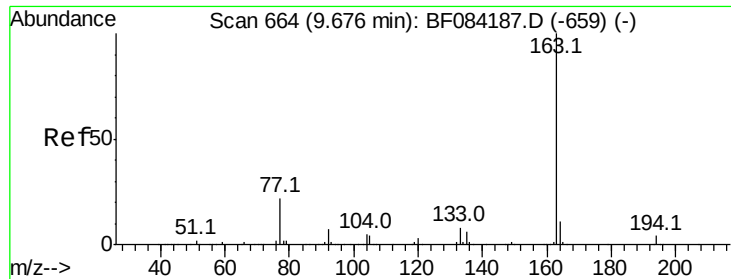
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#48
Acenaphthylene
Concen: 22.37 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	15.1	10.4	15.6





#49

Dimethylphthalate

Concen: 23.17 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:163 Resp: 1132267

Ion Ratio Lower Upper

163 100

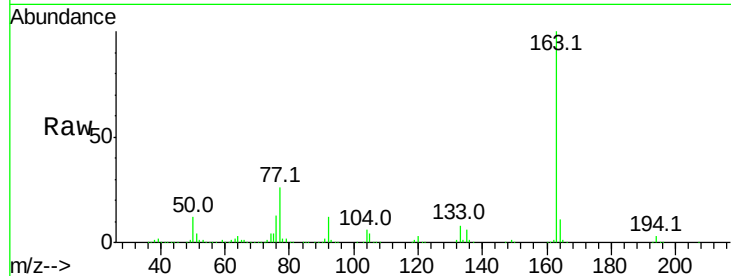
194 3.1 8.0 12.0#

164 10.8 8.0 12.0

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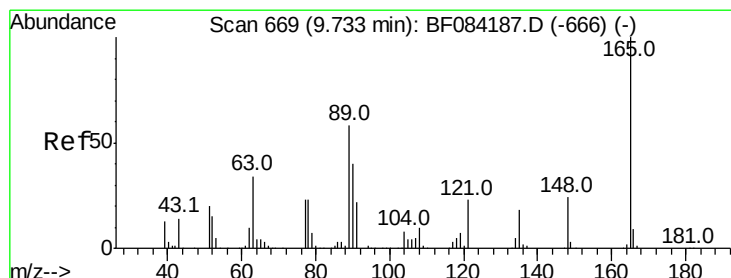
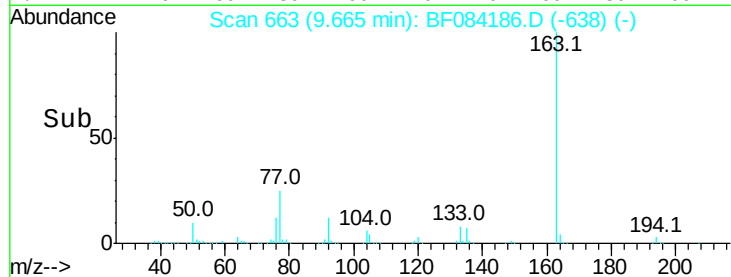
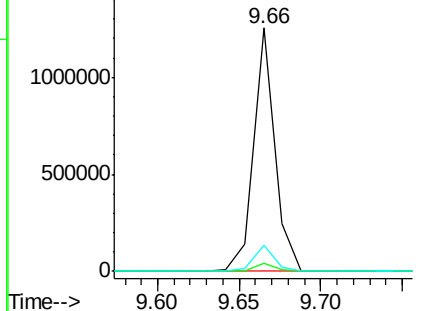
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 23.76 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

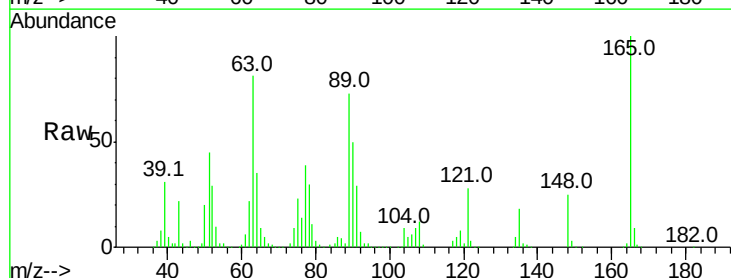
Tgt Ion:165 Resp: 241506

Ion Ratio Lower Upper

165 100

63 81.0 28.8 43.2#

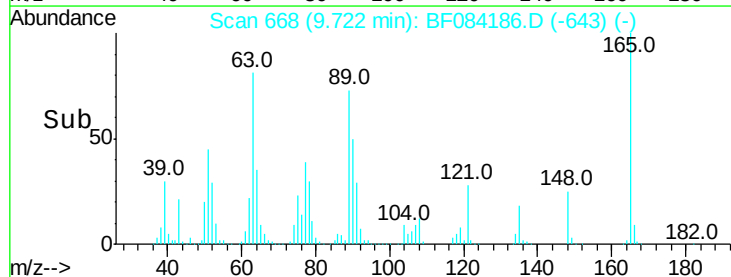
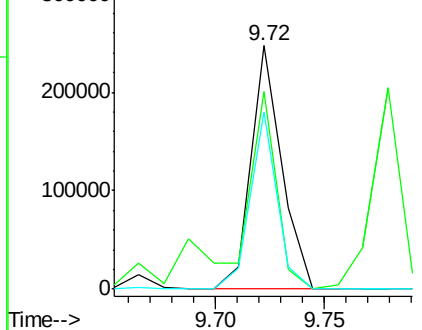
89 72.9 35.1 52.7#

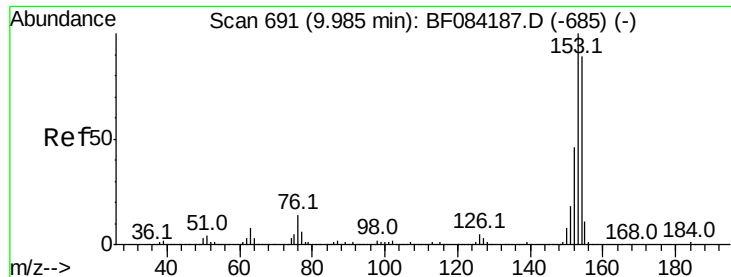


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 22.28 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

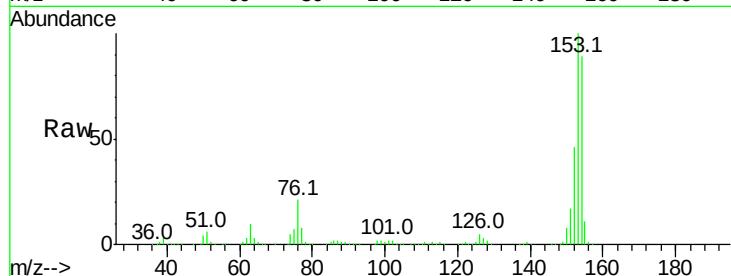
ClientSampleId :

SSTDIC025

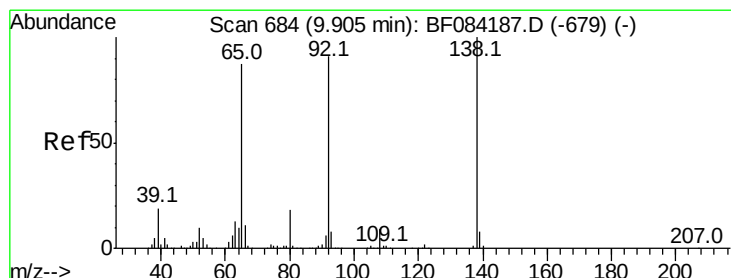
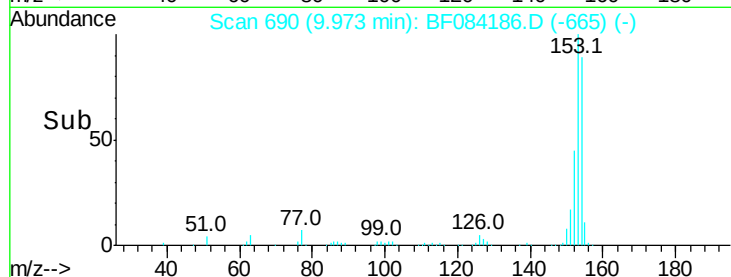
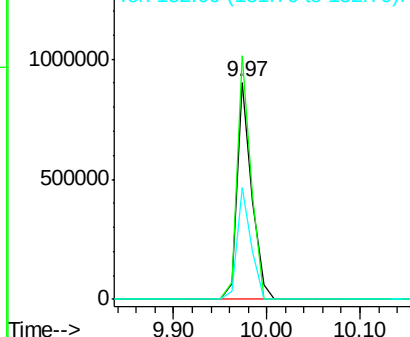
Tot Ion:	154	Resp:	993194
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.5	137.3
152	51.5	43.0	64.6

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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: 26.23 ng

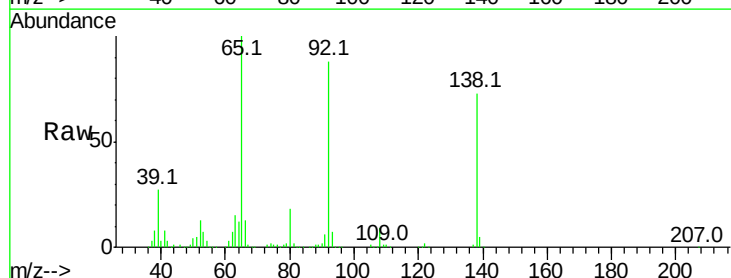
RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

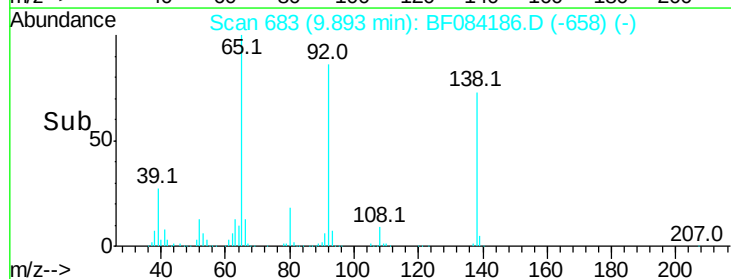
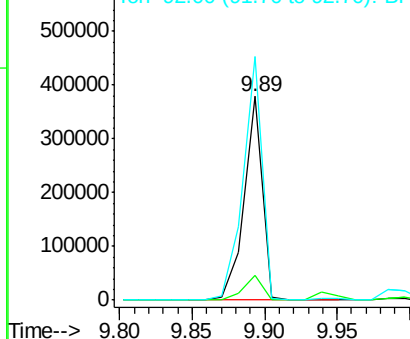
Lab File: BF084186.D

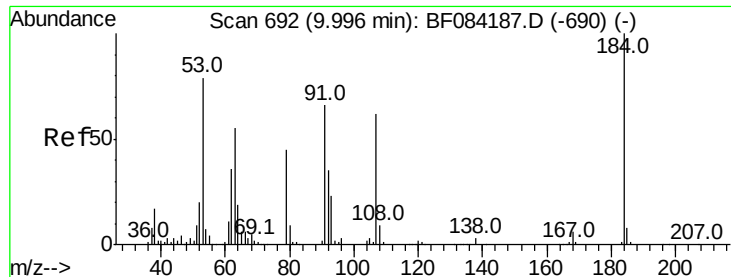
Acq: 31 Dec 2015 10:14

Tgt Ion:	138	Resp:	329004
Ion Ratio	Lower	Upper	
138	100		
108	12.3	10.5	15.7
92	119.6	103.9	155.9



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





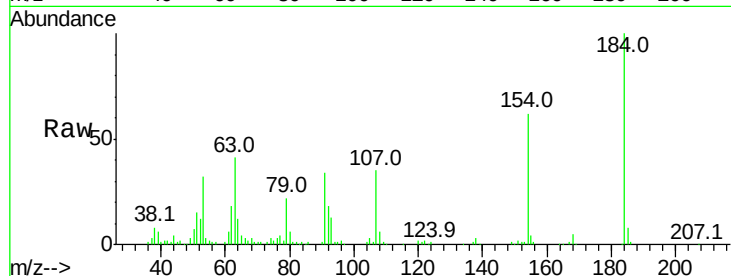
#53
2,4-Dinitrophenol
Concen: 34.10 ng/mL
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

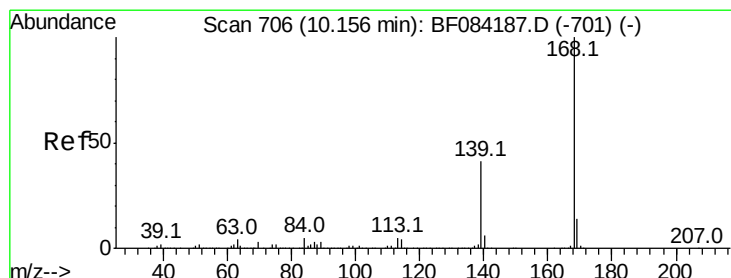
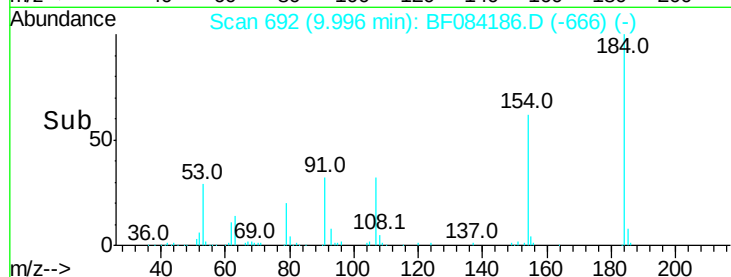
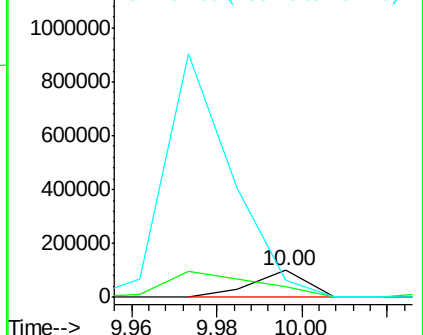
Tot Ion	Ratio	Lower	Upper
184	100		
63	40.7	43.1	64.7#
154	62.4	60.5	90.7

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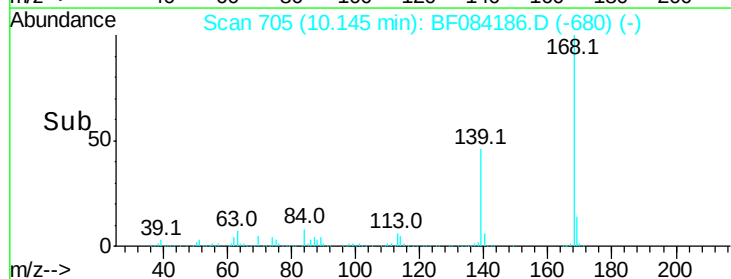
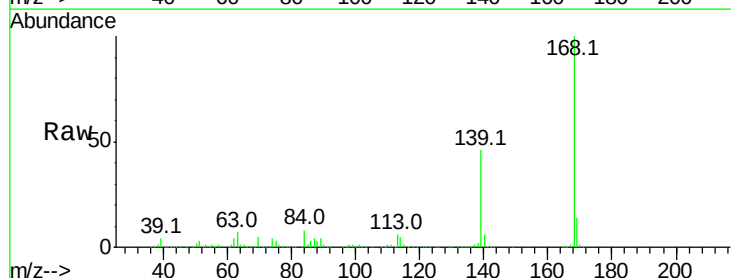
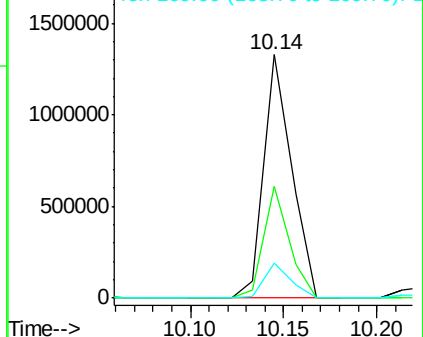
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

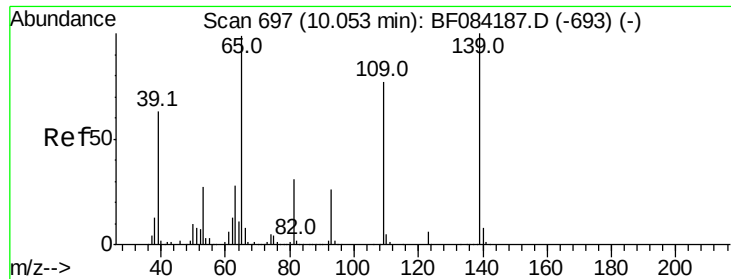


#54
Dibenzofuran
Concen: 22.29 ng/mL
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.7	30.5	45.7
169	14.3	10.4	15.6

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





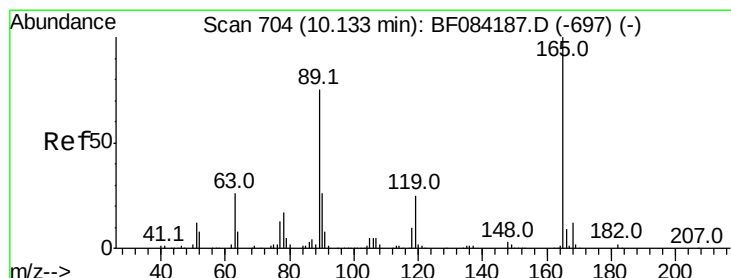
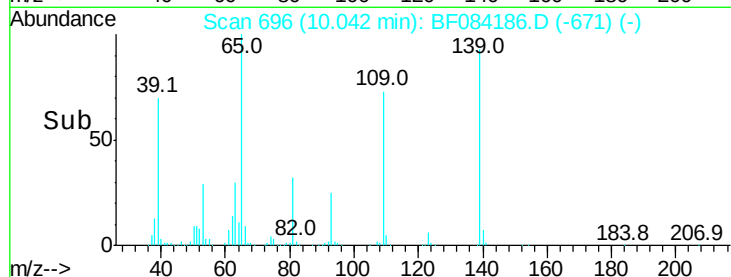
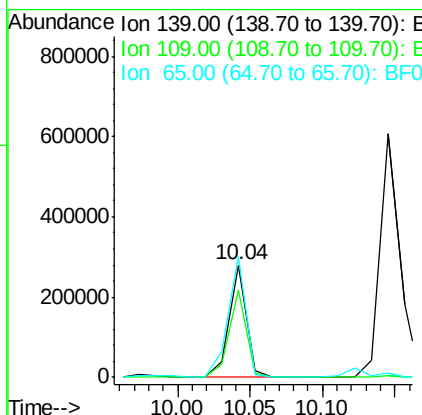
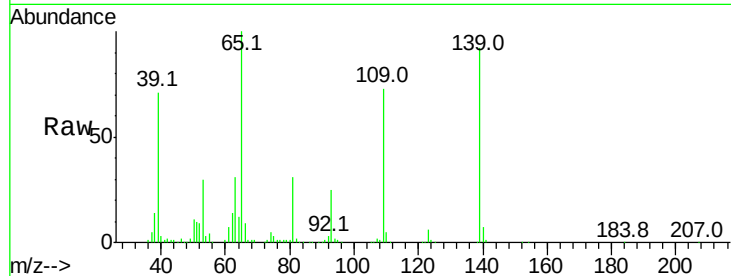
#55
4-Nitrophenol
Concen: 16.51 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.7	58.5	98.5	
65	108.1	57.6	97.6	

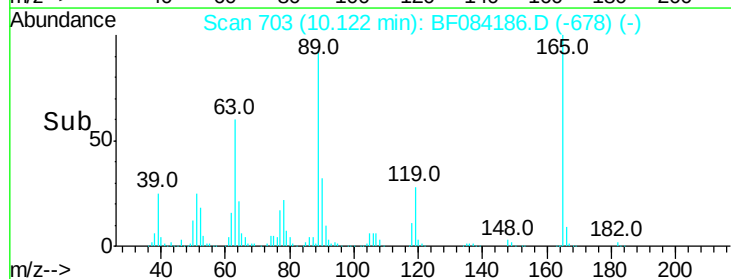
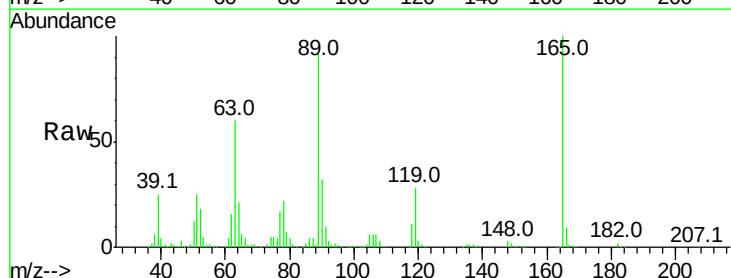
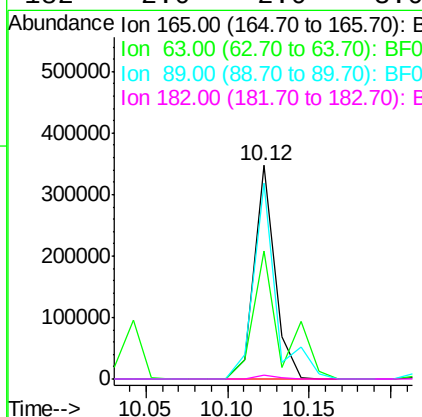
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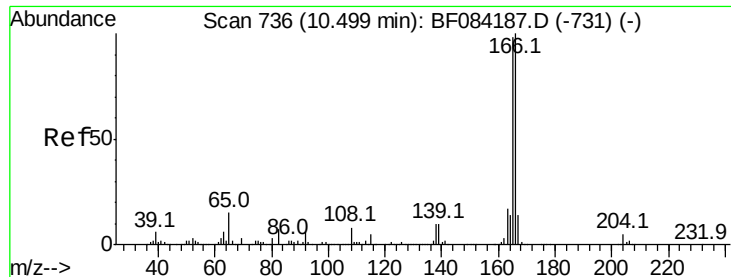
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#56
2,4-Dinitrotoluene
Concen: 24.35 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2	36.7	55.1	
89	91.9	61.9	92.9	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 21.12 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

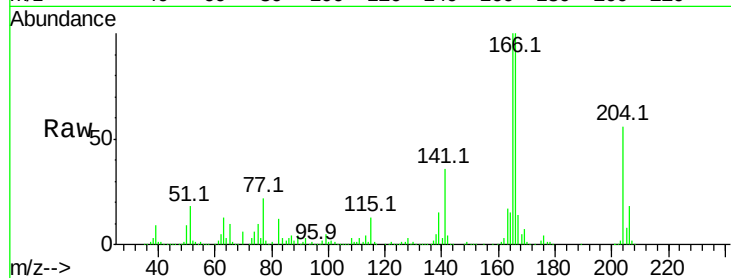
ClientSampleId :

SSTDICC025

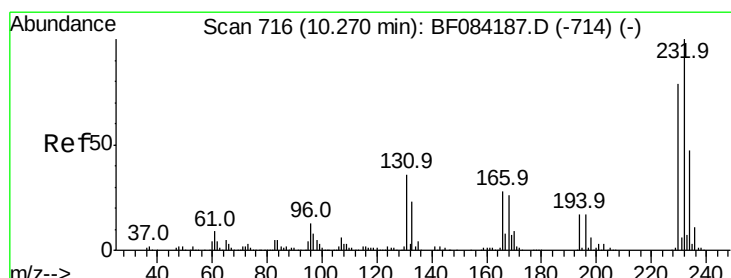
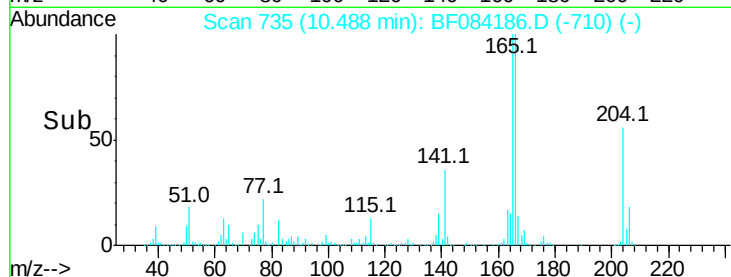
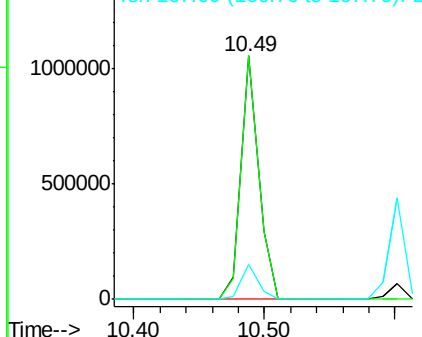
Tot Ion:	166	Resp:	996265
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.1	118.7
167	14.3	10.4	15.6

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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: 22.99 ng

RT: 10.26 min Scan# 715

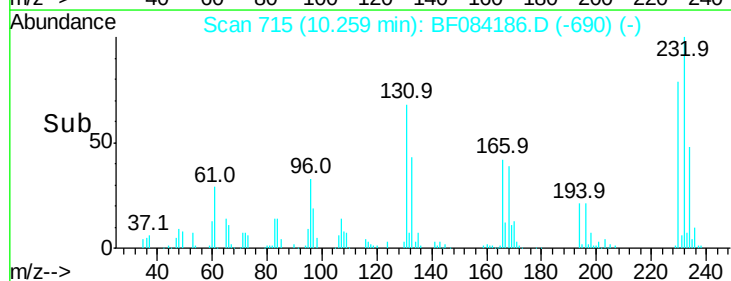
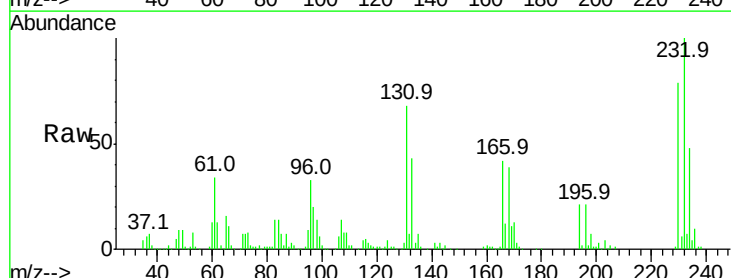
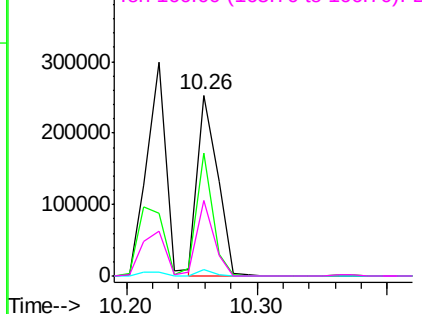
Delta R.T. -0.01 min

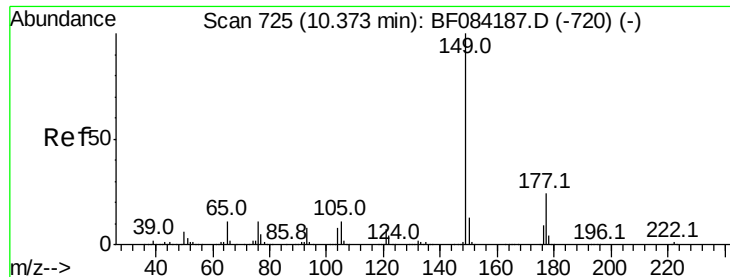
Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	232	Resp:	267819
Ion Ratio	Lower	Upper	
232	100		
131	55.4	47.0	70.6
130	2.8	2.0	3.0
166	36.1	30.5	45.7

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





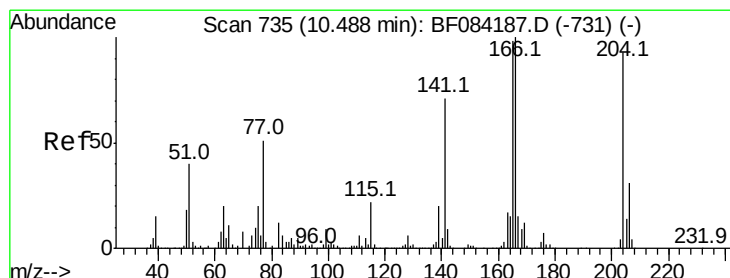
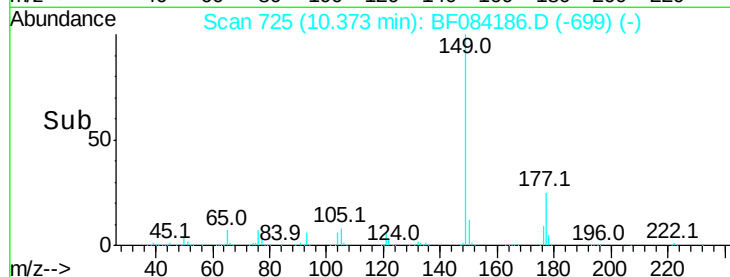
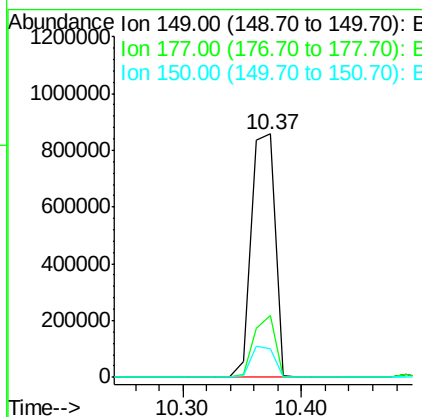
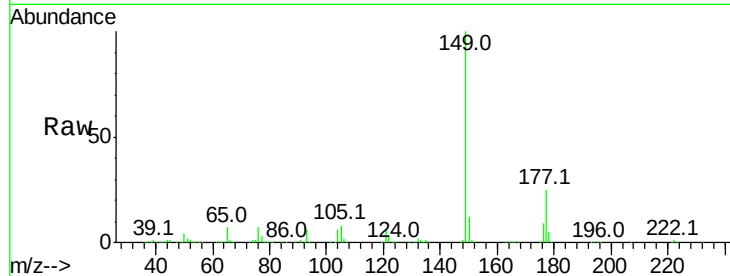
#59
Diethylphthalate
Concen: 23.61 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	17.3	25.9
150	11.8	9.8	14.8

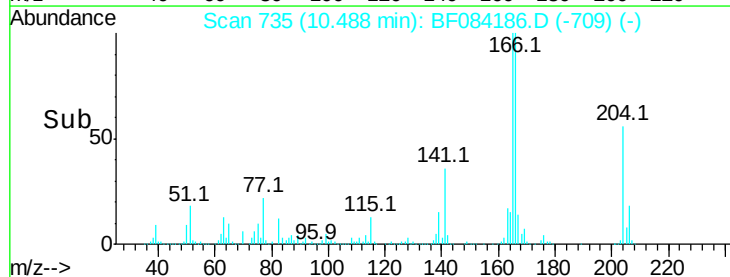
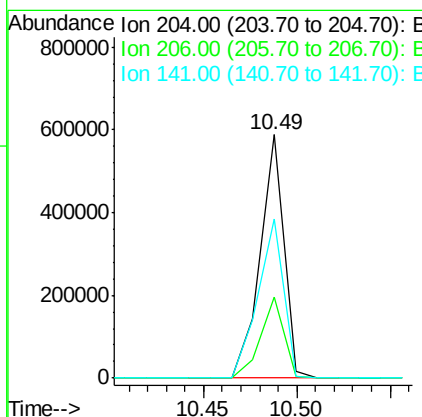
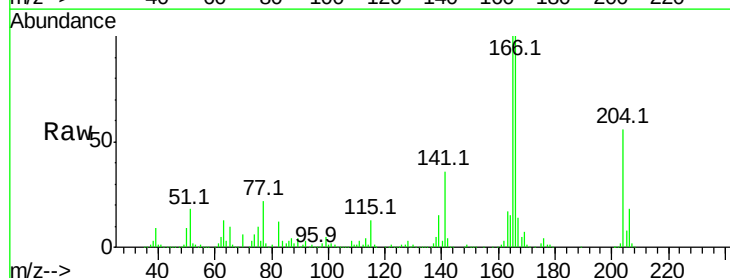
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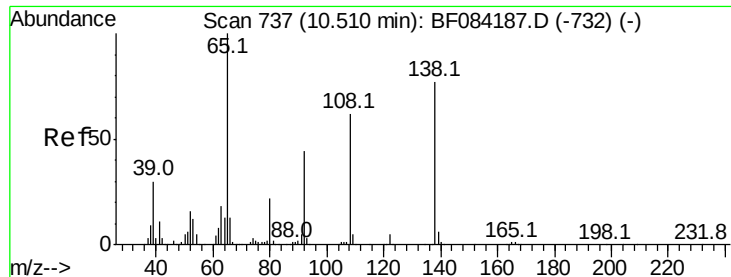
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#60
4-Chlorophenyl-phenylether
Concen: 24.26 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.7	38.5
141	65.3	55.1	82.7





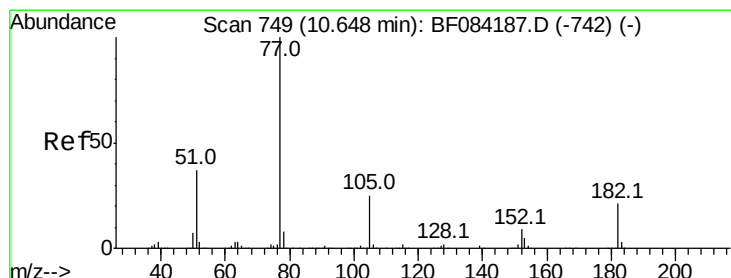
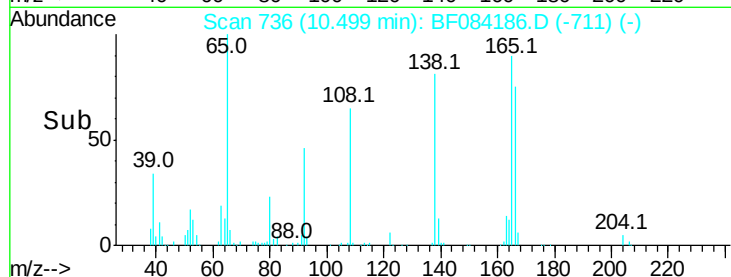
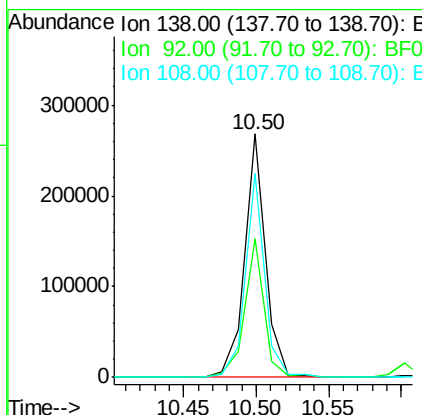
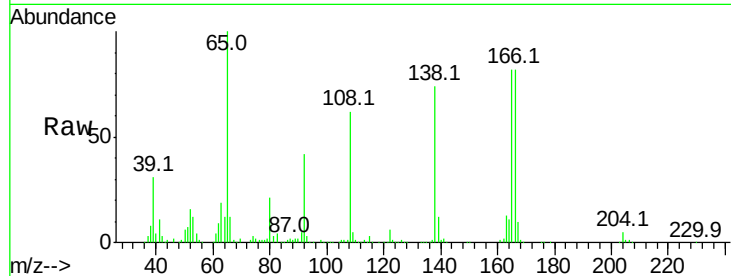
#61
4-Nitroaniline
Concen: 25.05 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.9	32.6	72.6
108	83.6	68.6	108.6

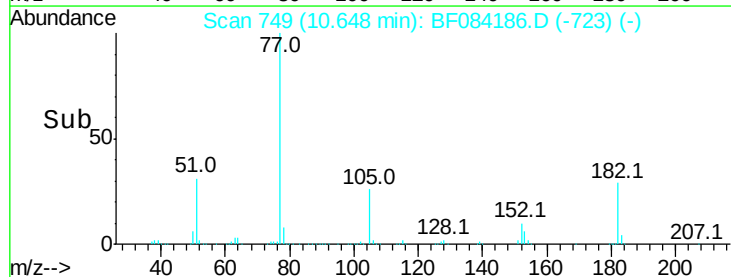
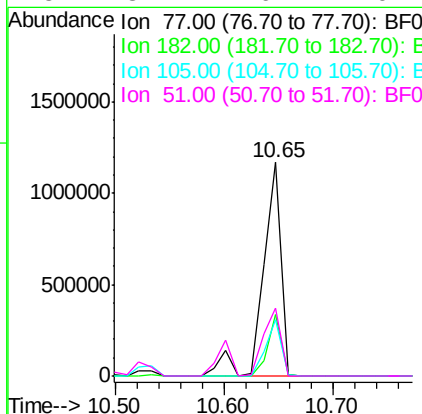
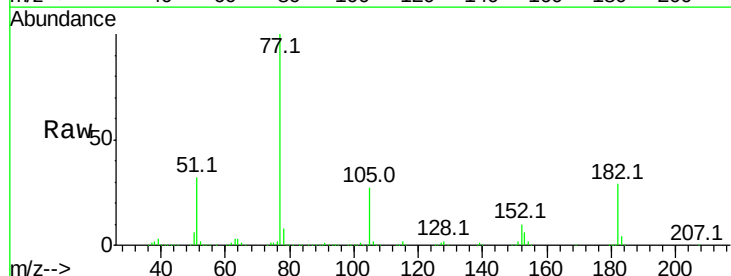
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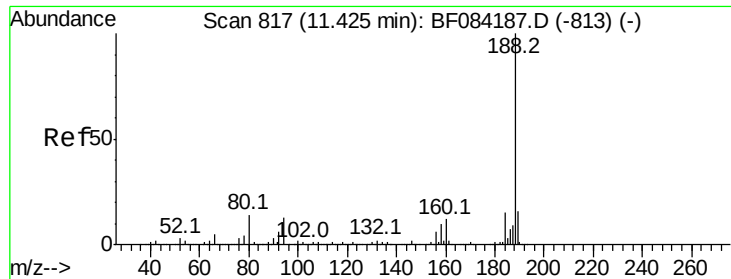
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#62
Azobenzene
Concen: 25.82 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.3	48.3
105	26.6	4.6	44.6
51	31.7	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:188 Resp: 1168607

Ion Ratio Lower Upper

188 100

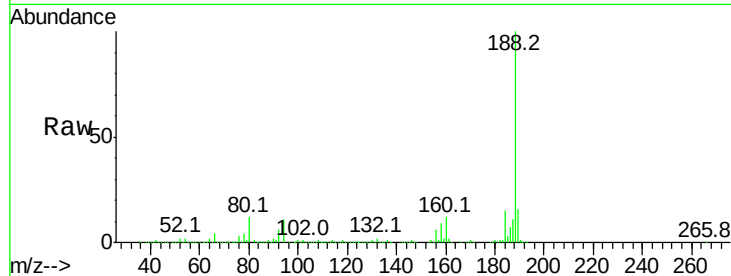
94 11.0 9.0 13.4

80 12.0 9.6 14.4

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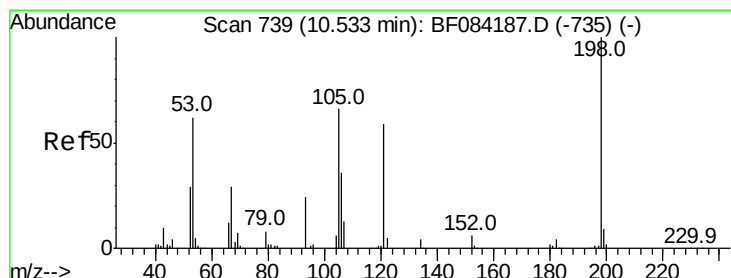
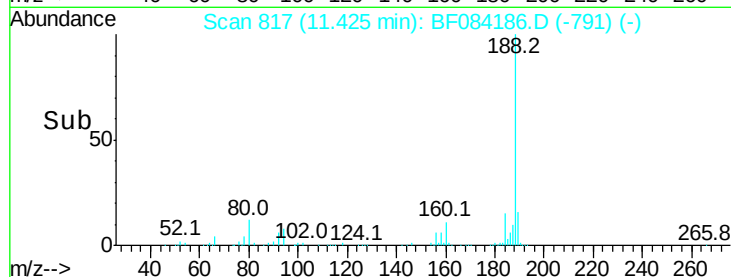
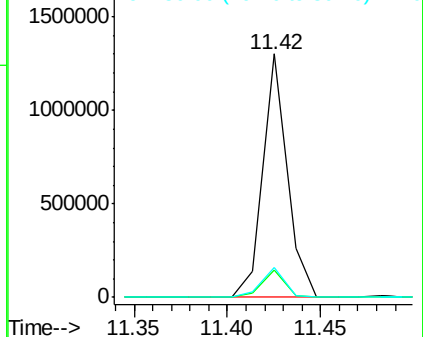
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.17 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

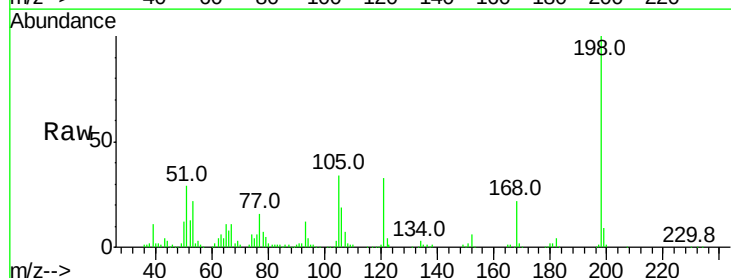
Tgt Ion:198 Resp: 158032

Ion Ratio Lower Upper

198 100

51 28.5 18.9 58.9

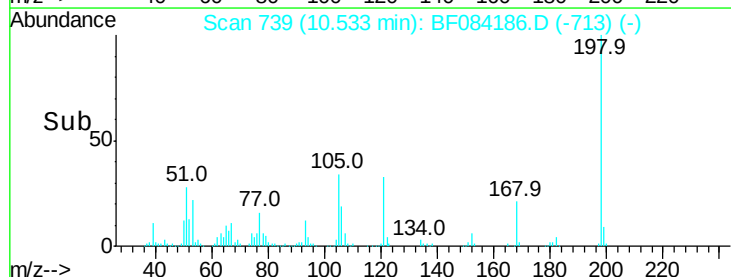
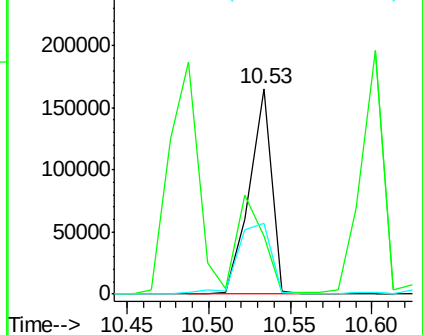
105 34.3 26.4 66.4

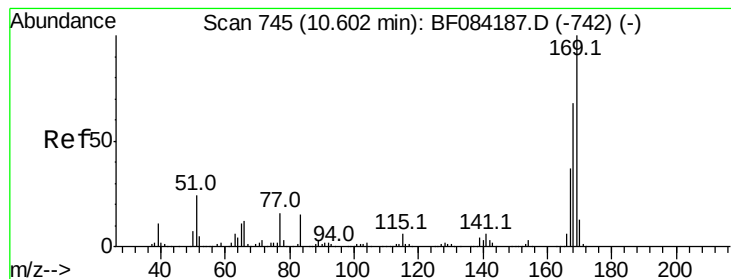


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.79 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

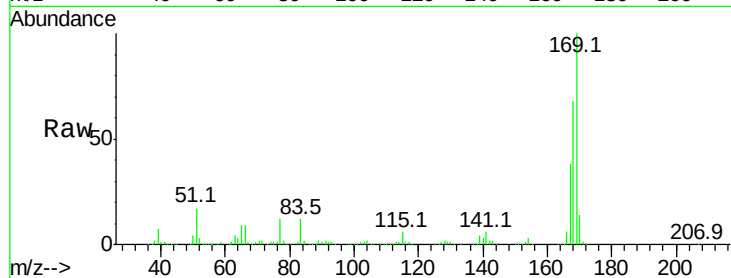
ClientSampleId :

SSTDIC025

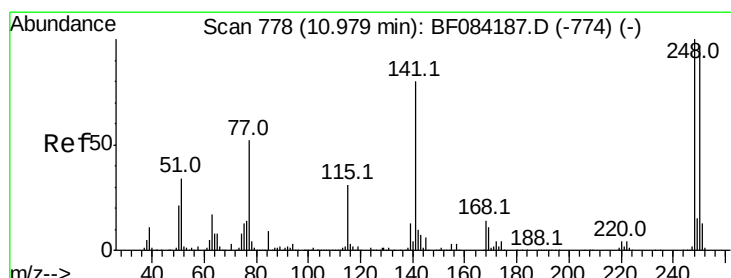
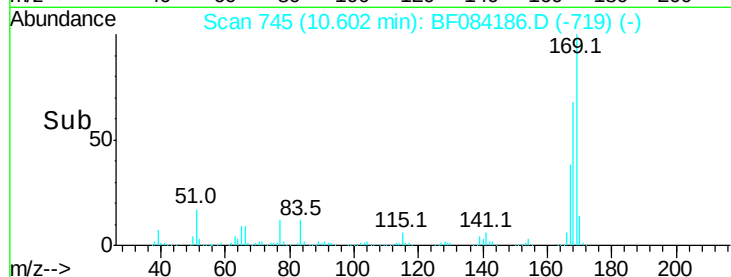
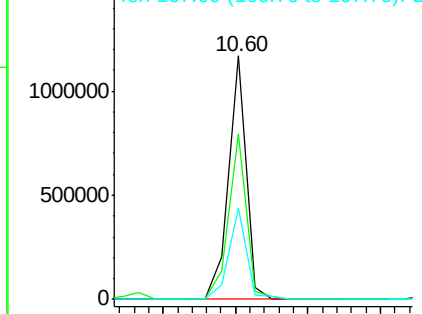
Tot Ion:	169	Resp:	987854
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.1	82.7
167	37.6	30.0	45.0

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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: 25.14 ng

RT: 10.98 min Scan# 778

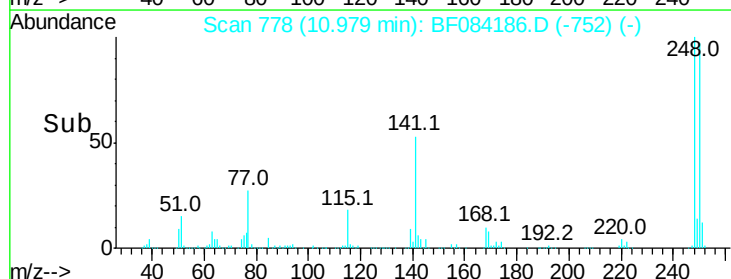
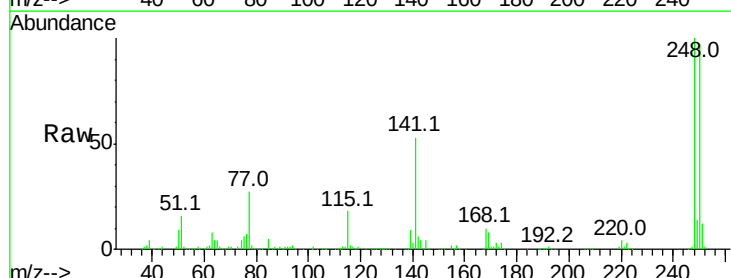
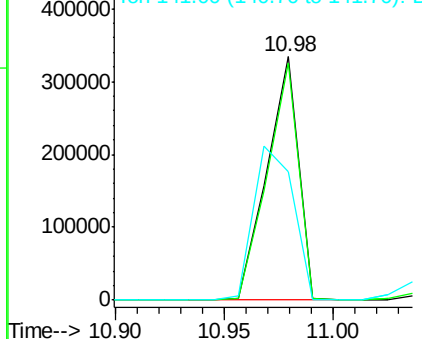
Delta R.T. 0.00 min

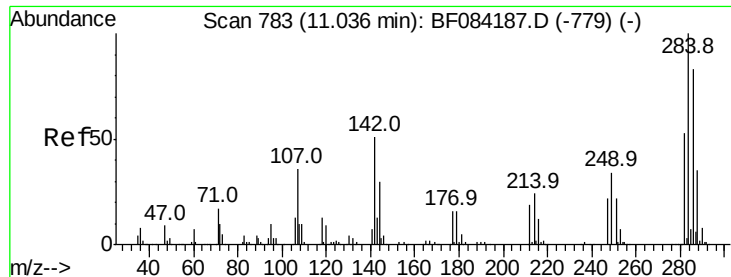
Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	248	Resp:	339827
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.4	117.6
141	52.7	44.0	66.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 23.59 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

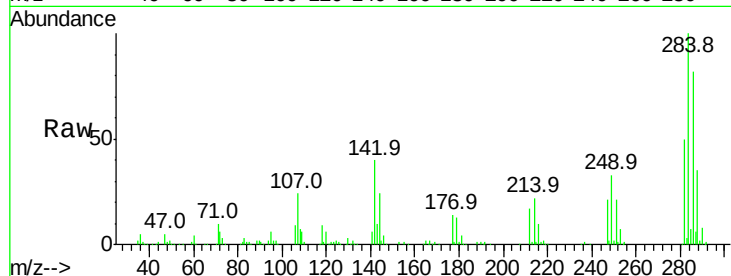
ClientSampleId :

SSTDIC025

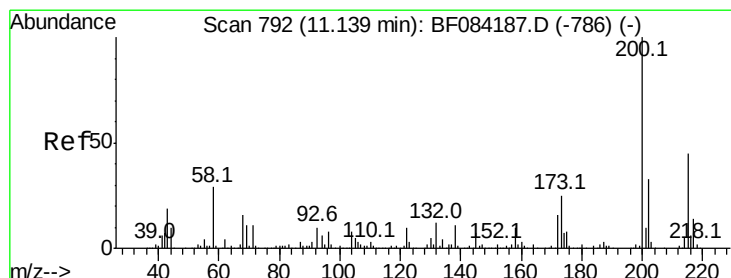
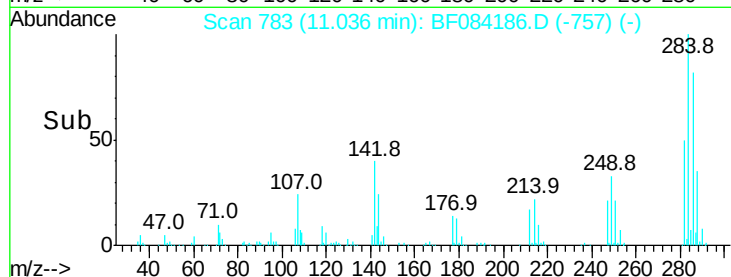
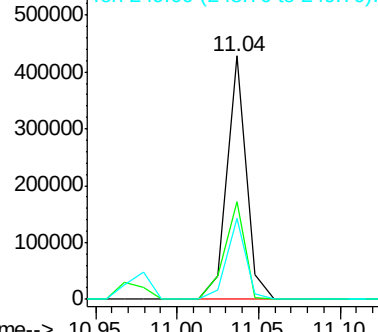
Tot Ion:	284	Resp:	353755
Ion Ratio	Lower	Upper	
284	100		
142	40.0	22.2	33.4#
249	33.3	24.6	37.0

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



#68

Atrazine

Concen: 23.37 ng

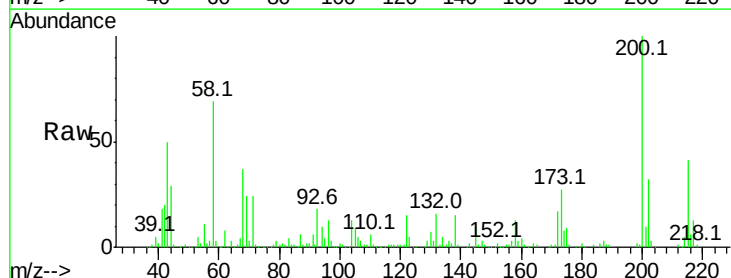
RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

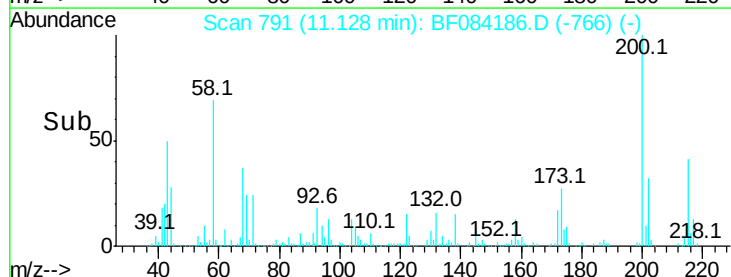
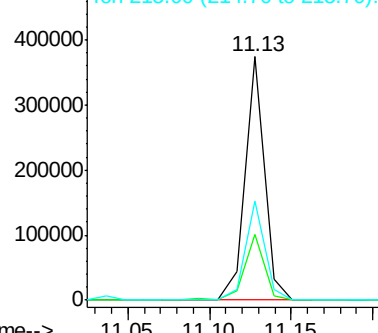
Lab File: BF084186.D

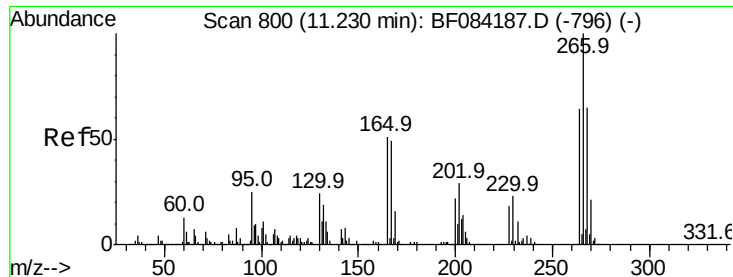
Acq: 31 Dec 2015 10:14

Tgt Ion:	200	Resp:	309438
Ion Ratio	Lower	Upper	
200	100		
173	27.2	9.5	49.5
215	40.7	23.8	63.8



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





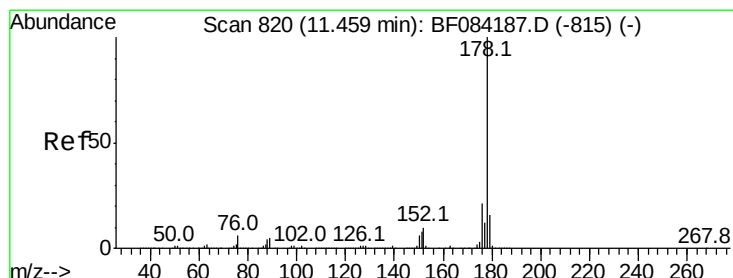
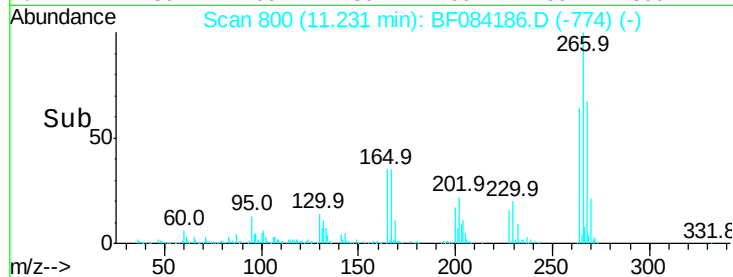
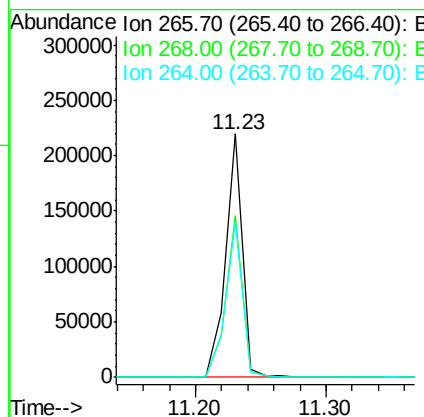
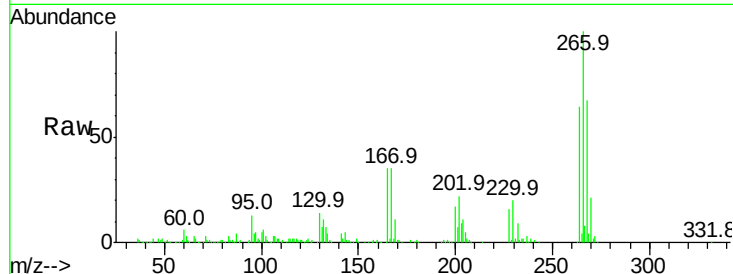
#69
 Pentachlorophenol
 Concen: 31.02 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
266	100	199141		
268	66.6	52.4	78.6	
264	63.8	50.2	75.2	

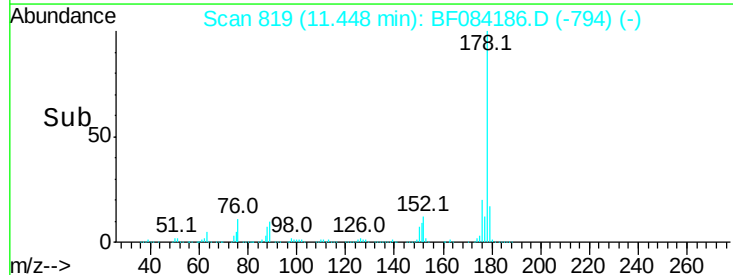
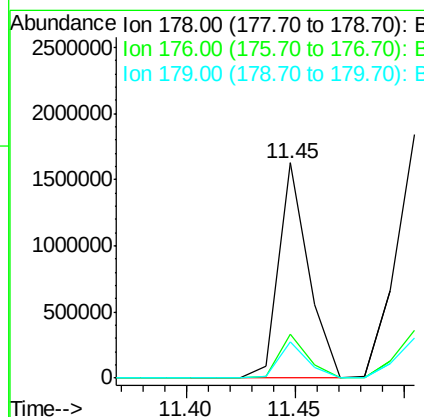
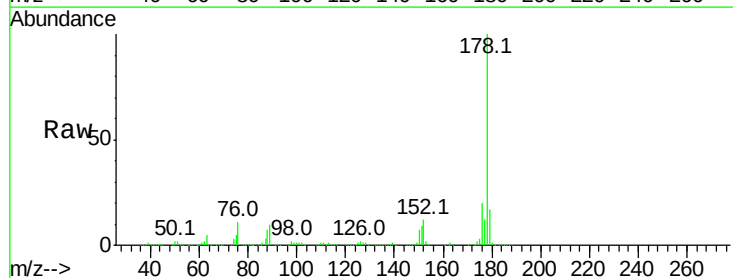
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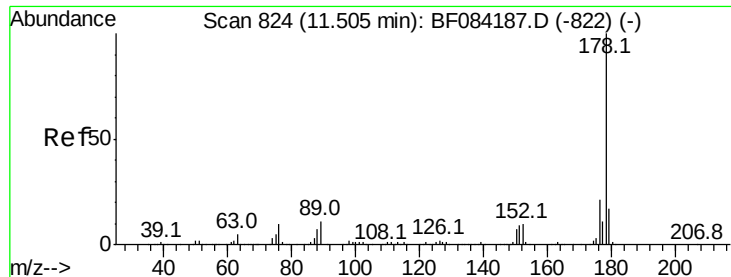
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#70
 Phenanthrene
 Concen: 21.71 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1563070		
176	20.5	15.3	22.9	
179	16.6	12.0	18.0	





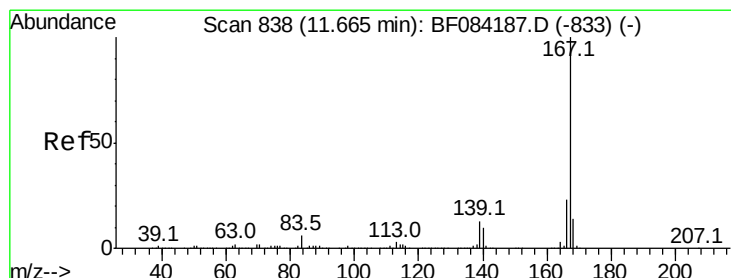
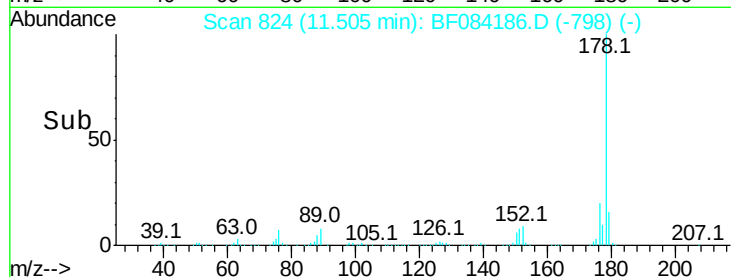
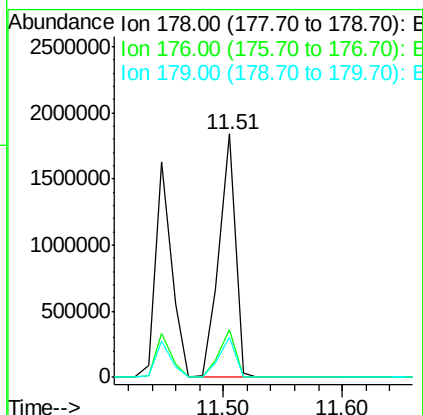
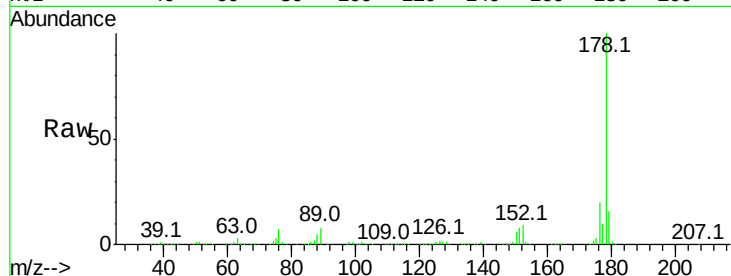
#71
 Anthracene
 Concen: 25.38 ng
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.7	15.4	23.0	
179	16.2	12.5	18.7	

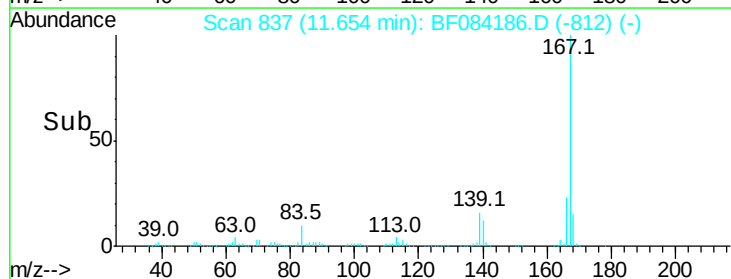
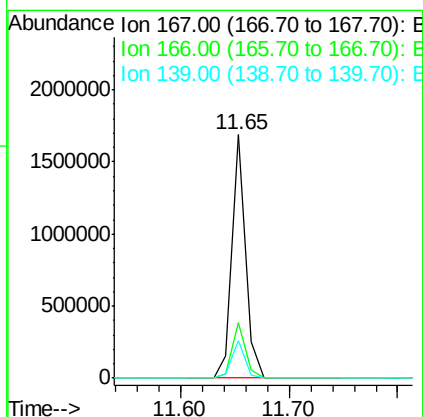
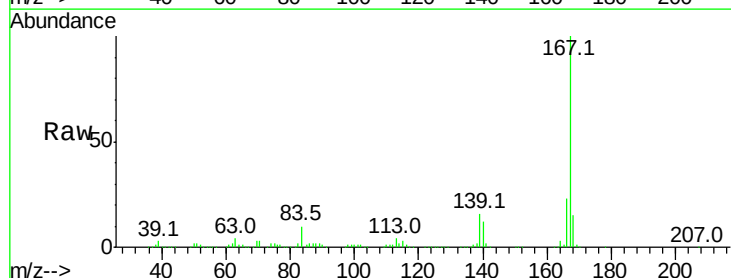
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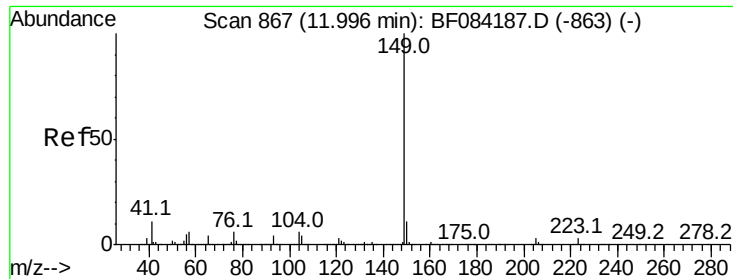
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#72
 Carbazole
 Concen: 22.60 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.8	17.6	26.4	
139	15.5	11.8	17.8	





#73

Di-n-butylphthalate

Concen: 25.13 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1912598

Ion Ratio Lower Upper

149 100

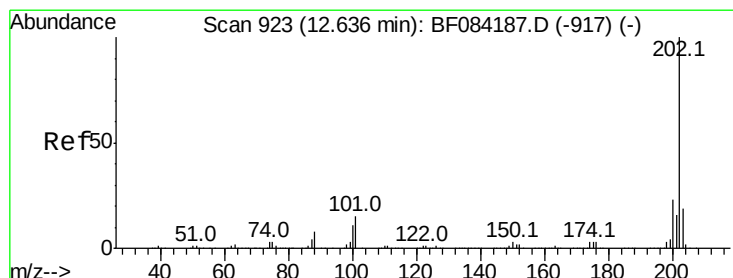
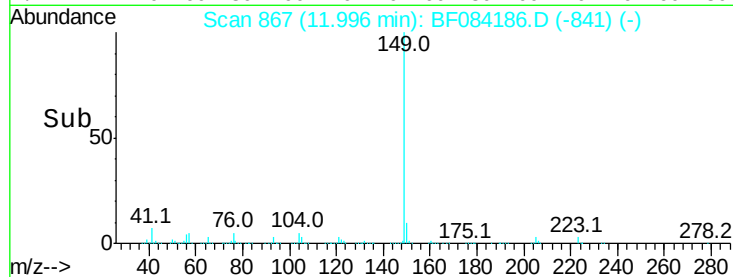
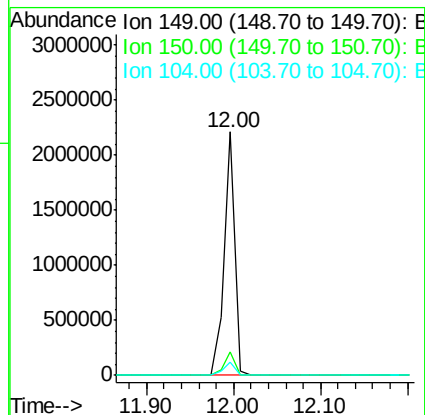
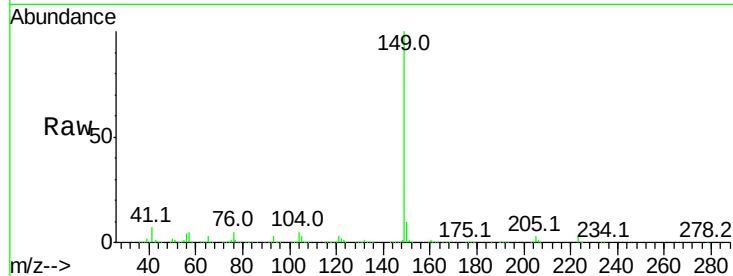
150 9.9 7.1 10.7

104 5.2 3.2 4.8#

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#74

Fluoranthene

Concen: 24.08 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

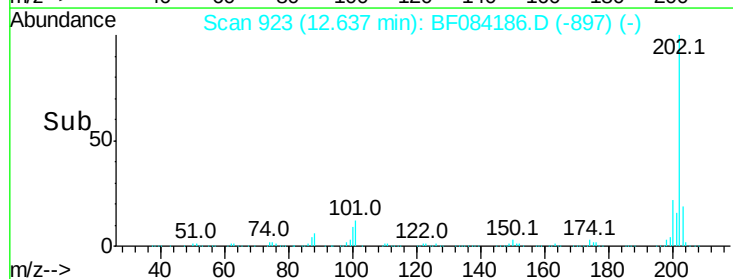
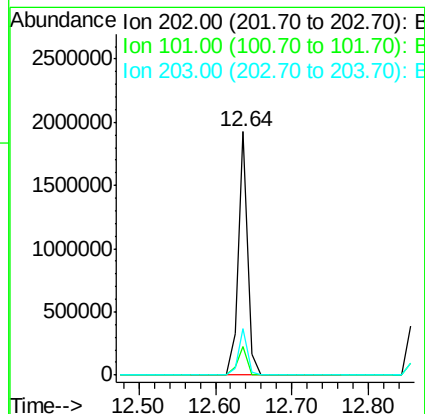
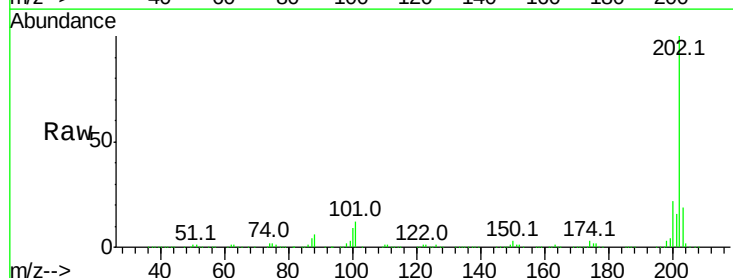
Tgt Ion:202 Resp: 1668302

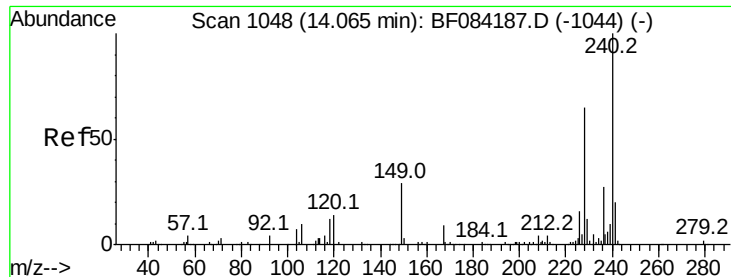
Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.8

203 19.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

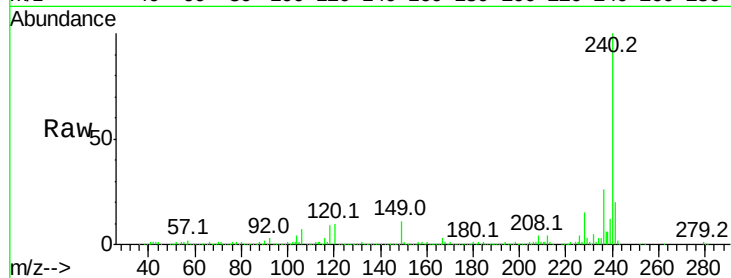
ClientSampleId :

SSTDICC025

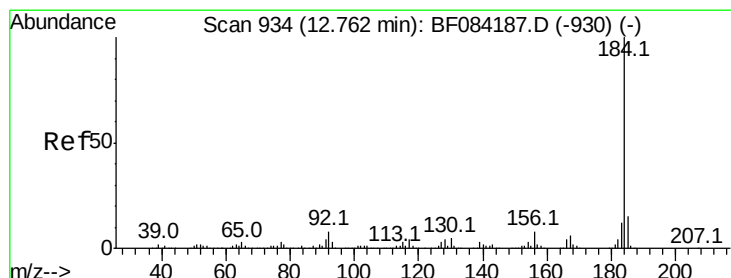
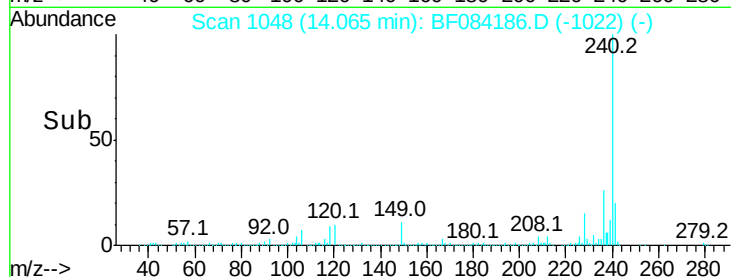
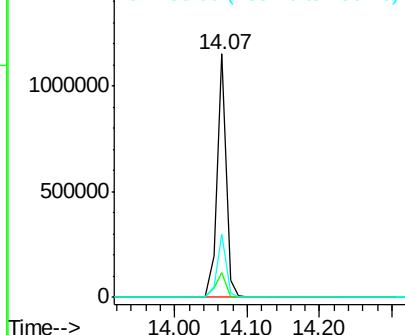
Tot Ion:	240	Resp:	995932
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.1	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.30 ng

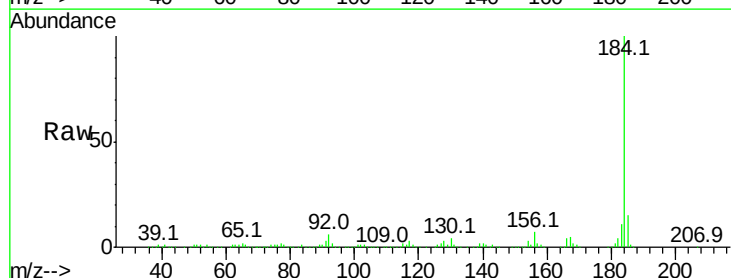
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

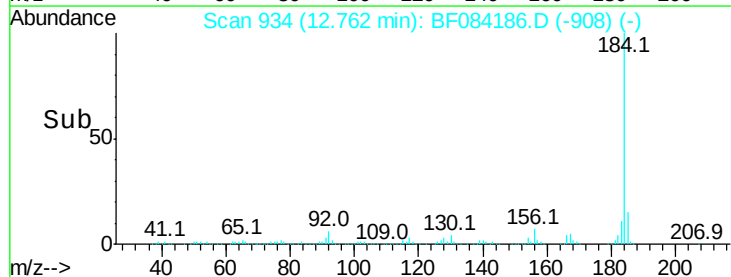
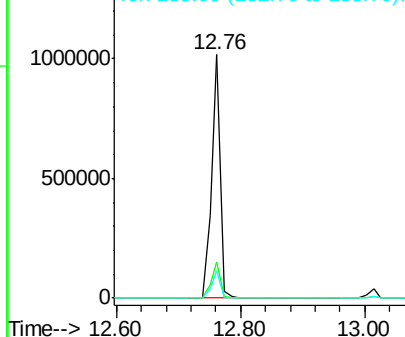
Lab File: BF084186.D

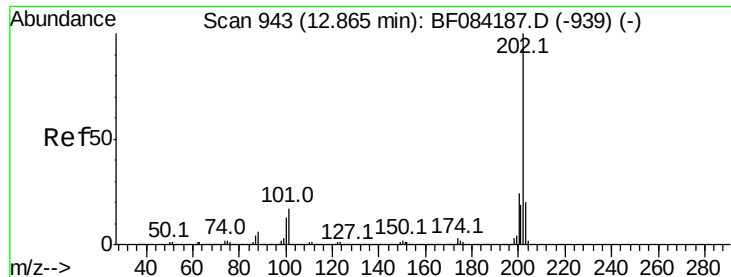
Acq: 31 Dec 2015 10:14

Tgt Ion:	184	Resp:	972673
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.1	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.40 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:202 Resp: 1714213

Ion Ratio Lower Upper

202 100

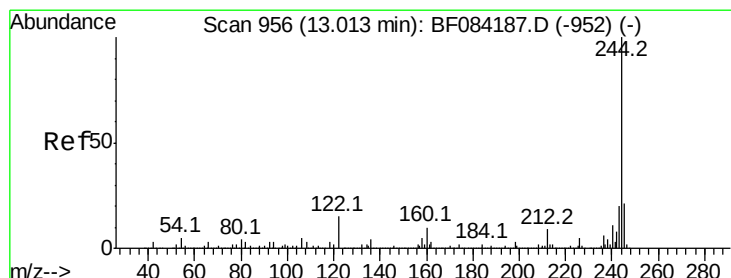
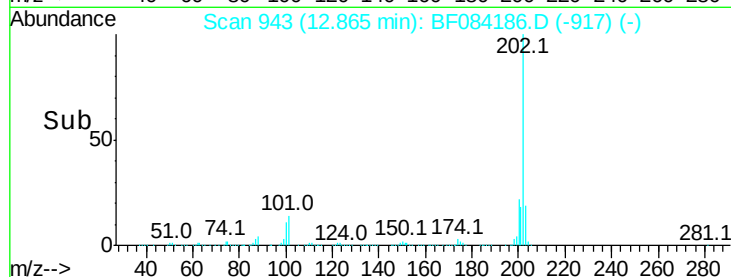
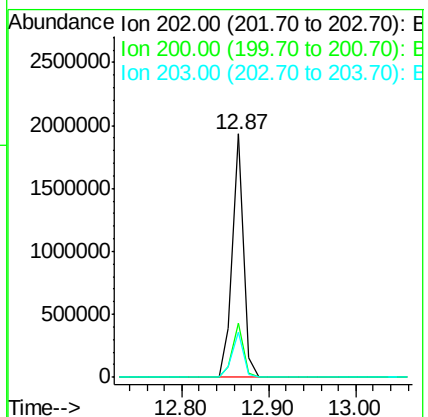
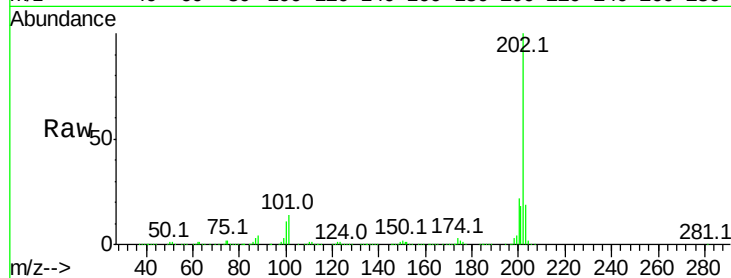
200 22.5 17.2 25.8

203 18.6 14.3 21.5

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#78

Terphenyl-d14

Concen: 22.06 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

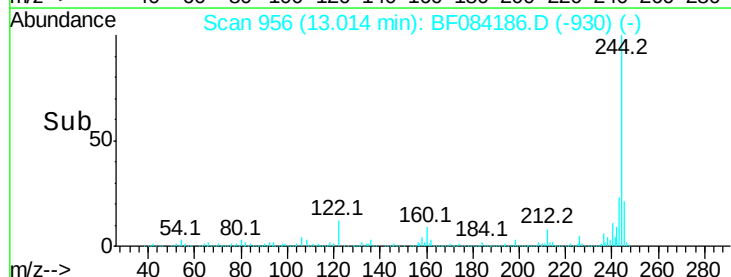
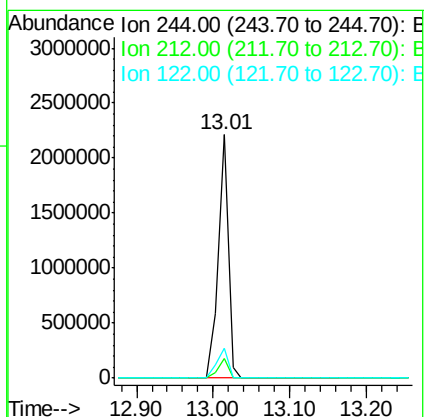
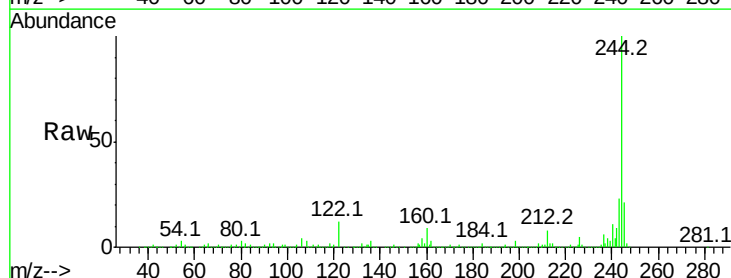
Tgt Ion:244 Resp: 1990201

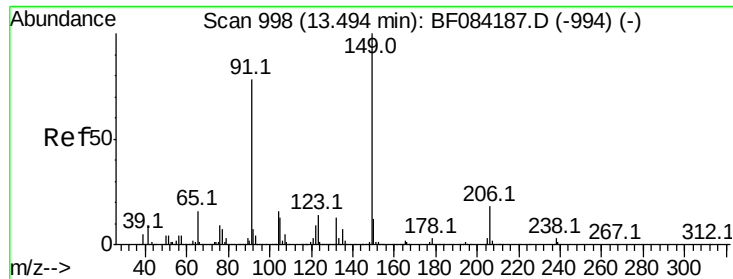
Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 12.3 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 24.68 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

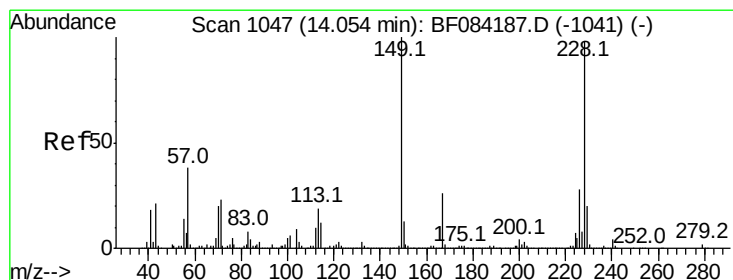
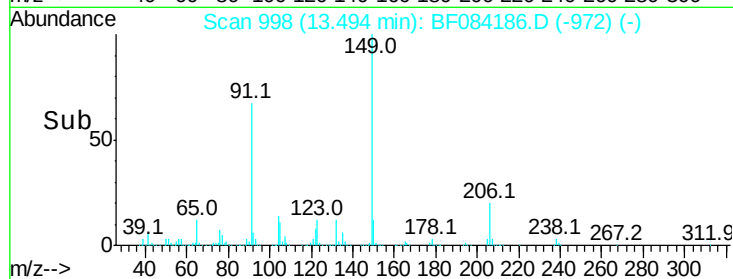
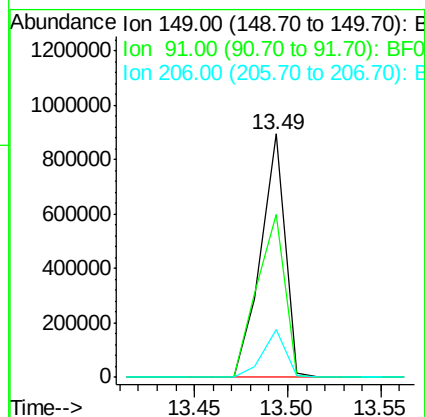
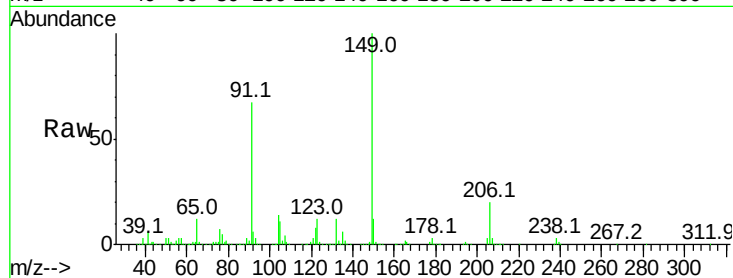
ClientSampleId :

SSTDICC025

Tot Ion:	149	Resp:	822578
Ion Ratio	Lower	Upper	
149	100		
91	66.8	57.6	86.4
206	19.6	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 23.41 ng

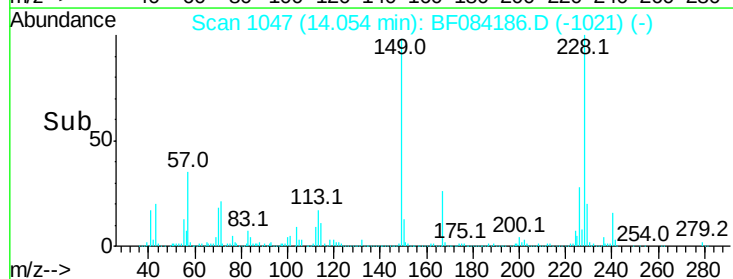
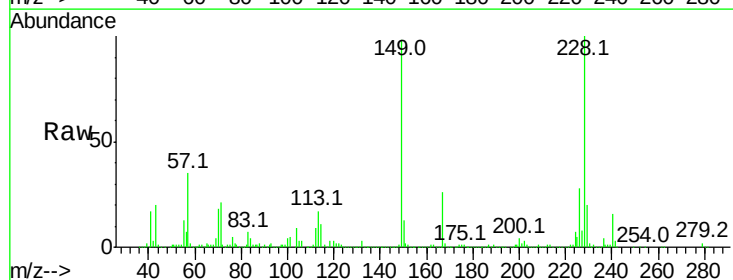
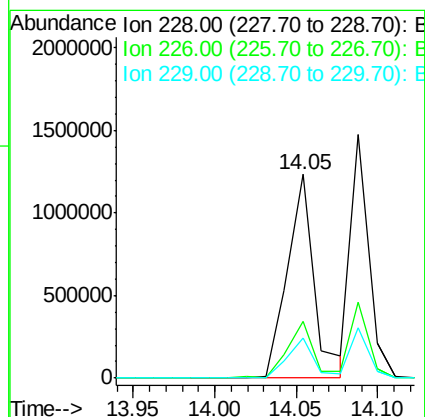
RT: 14.05 min Scan# 1047

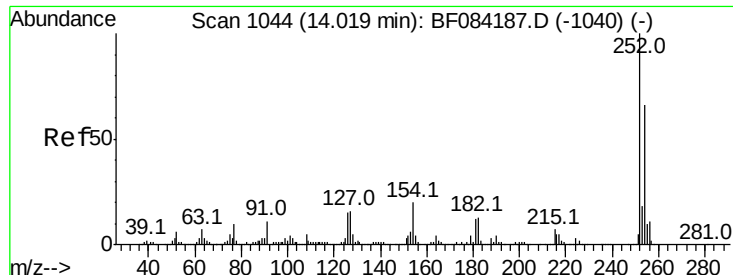
Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Tgt Ion:	228	Resp:	1421455
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.6
229	19.9	15.8	23.8





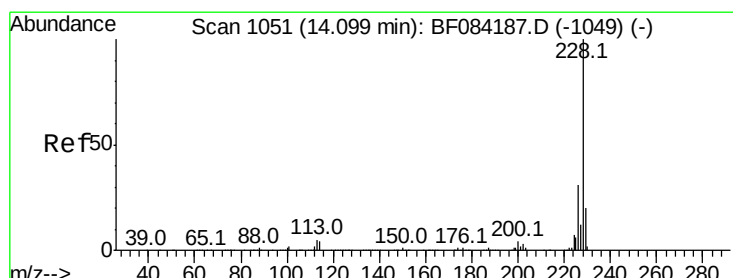
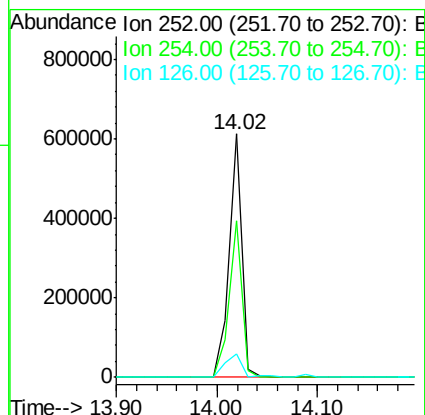
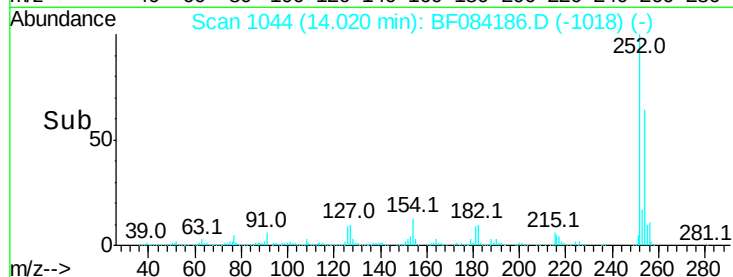
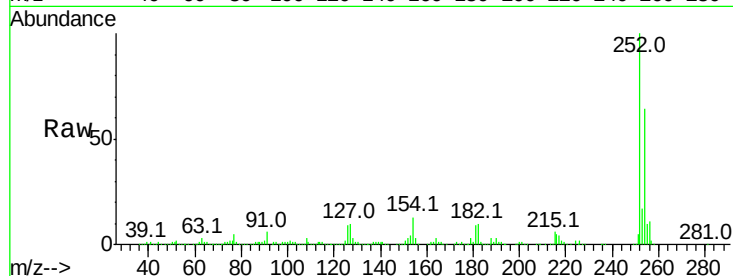
#81
 3,3'-Dichlorobenzidine
 Concen: 26.65 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	53.5	80.3
126	9.4	4.9	7.3

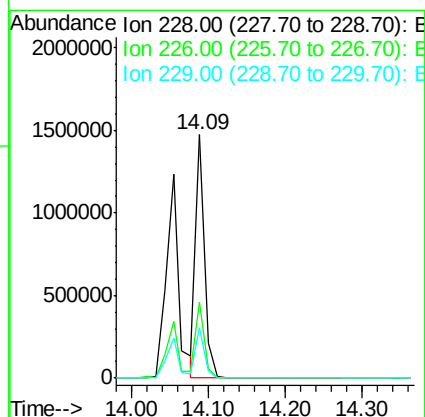
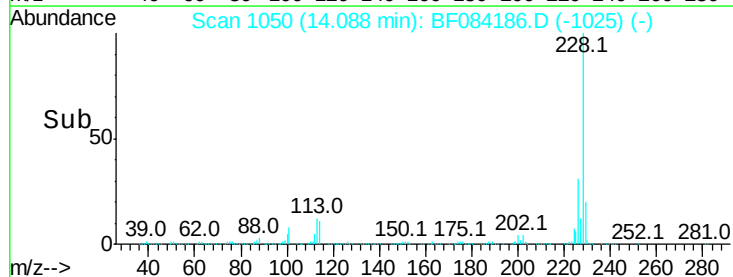
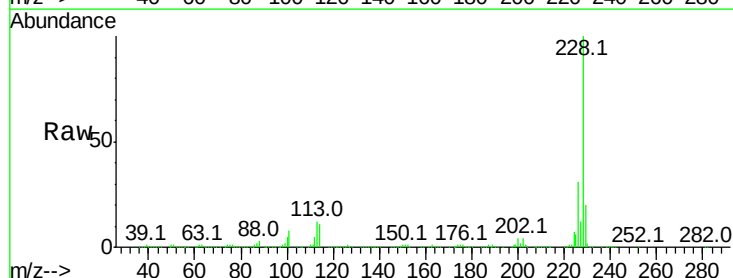
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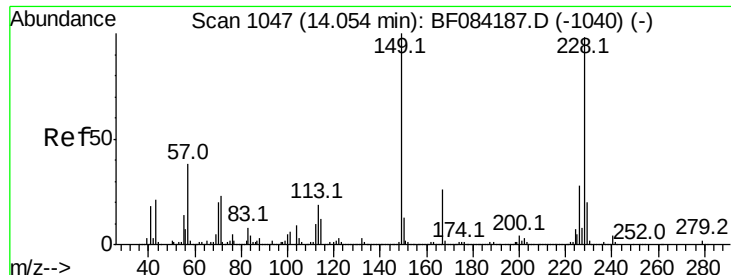
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#82
 Chrysene
 Concen: 21.35 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	24.3	36.5
229	20.5	16.1	24.1





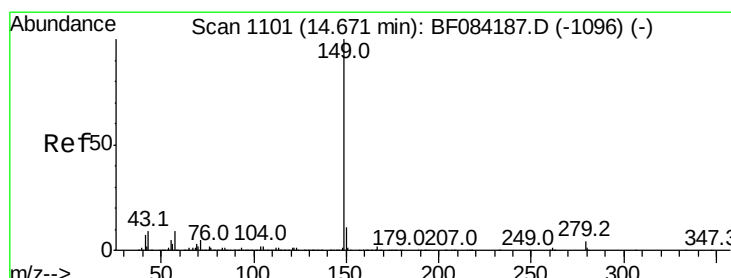
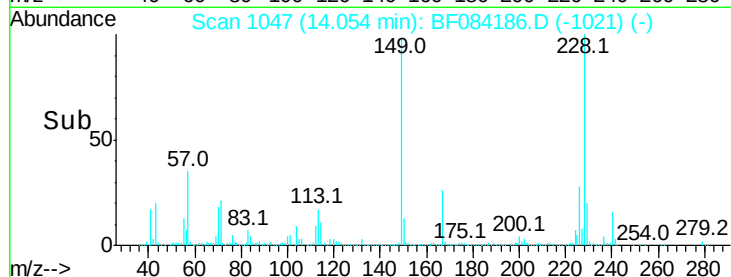
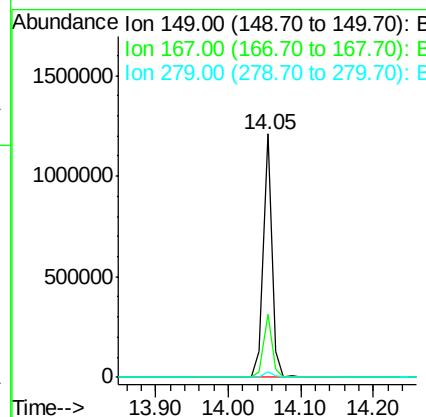
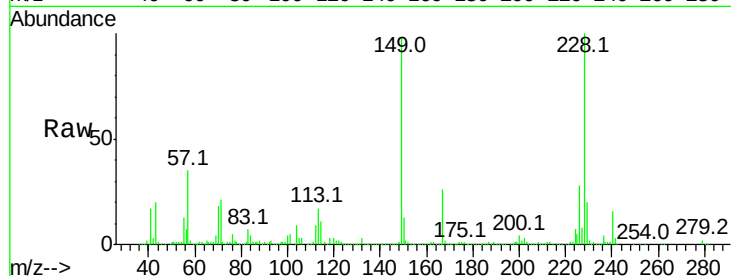
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.26 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:149 Resp: 1023956
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.7 29.5
 279 2.3 1.8 2.6

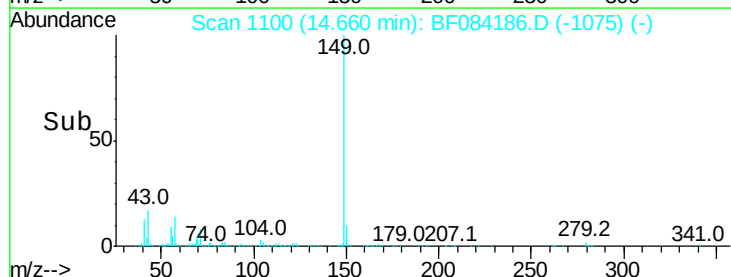
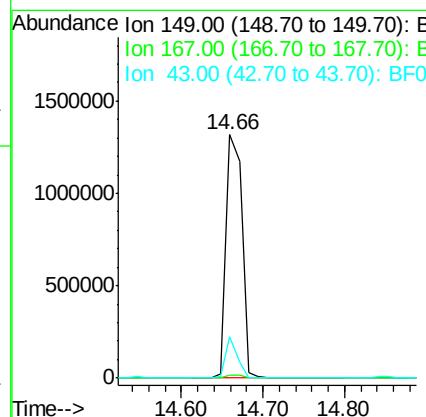
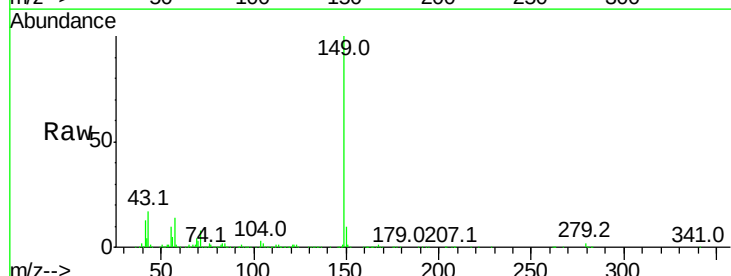
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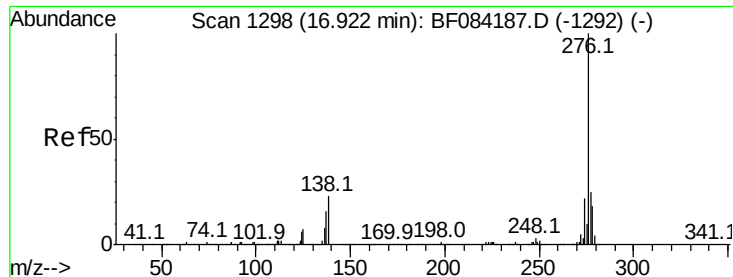
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#84
 Di-n-octyl phthalate
 Concen: 24.13 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Tgt Ion:149 Resp: 1752782
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.9 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.05 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:276 Resp: 1017933

Ion Ratio Lower Upper

276 100

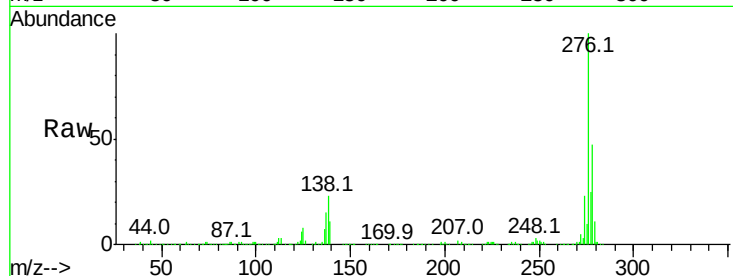
138 26.3 20.6 30.8

277 24.8 20.1 30.1

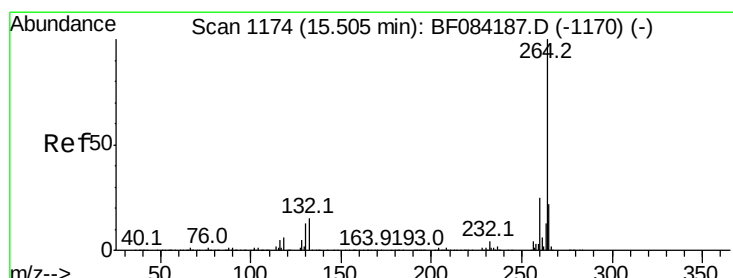
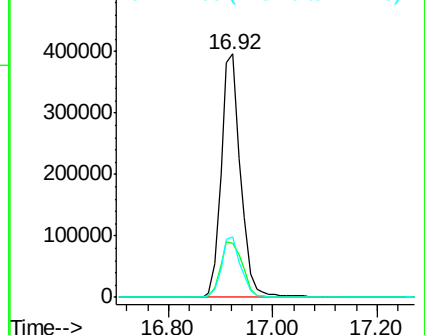
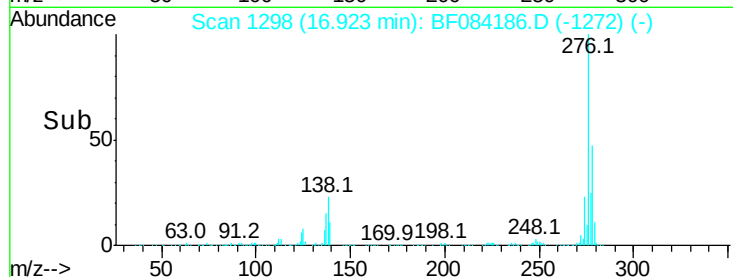
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

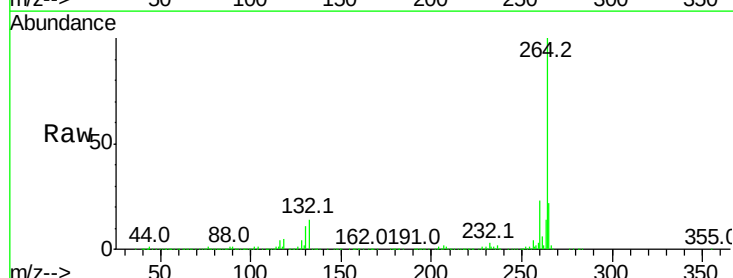
Tgt Ion:264 Resp: 726349

Ion Ratio Lower Upper

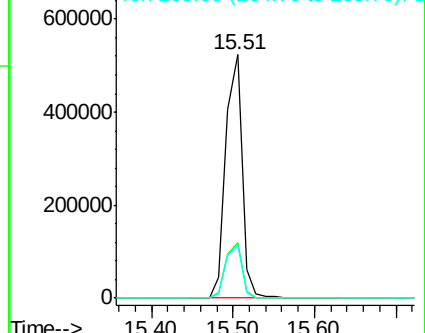
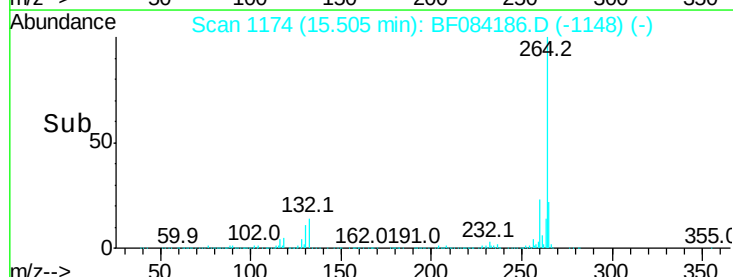
264 100

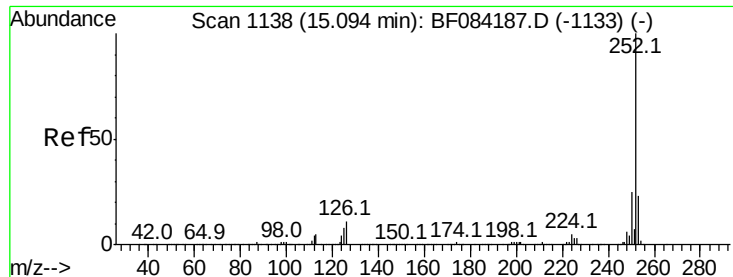
260 22.9 19.4 29.2

265 21.8 17.8 26.6



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





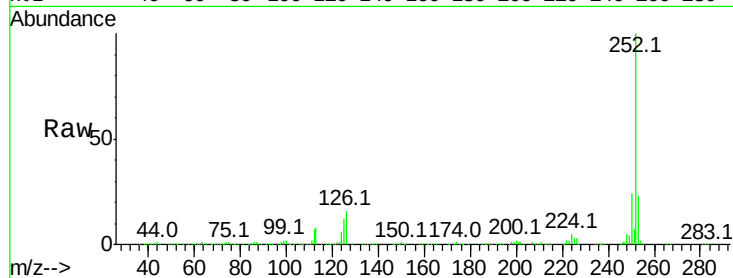
#87
Benzo(b)fluoranthene
Concen: 27.72 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Instrument :
BNA_F
ClientSampled :
SSTDICC025

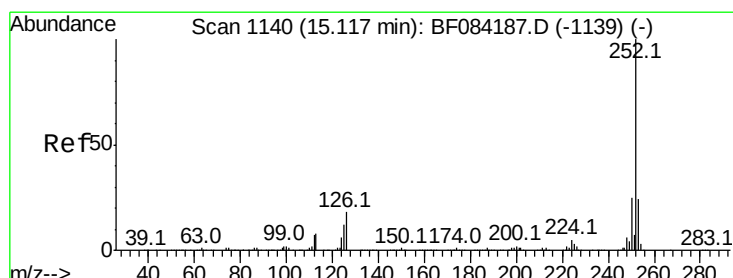
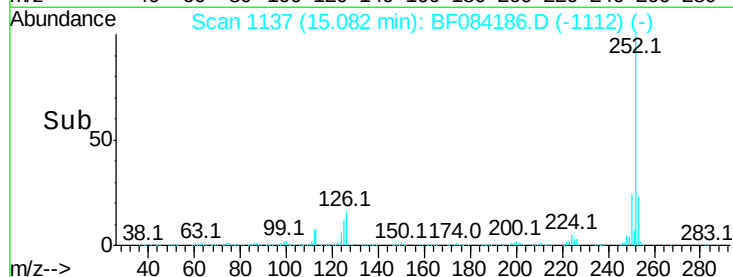
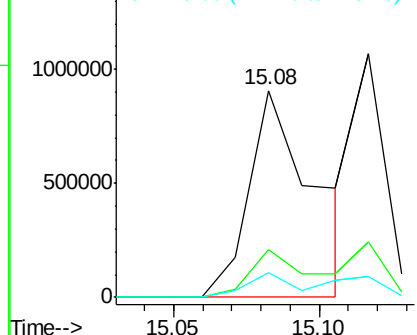
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.8	6.5	9.7

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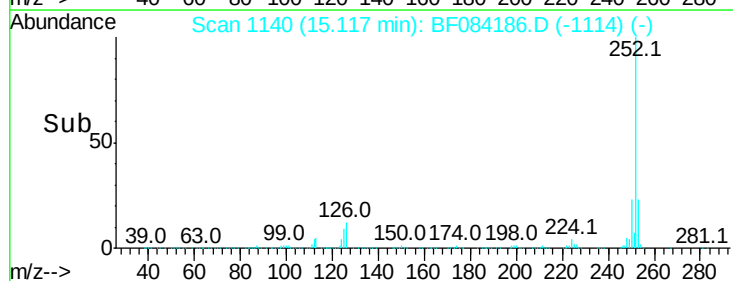
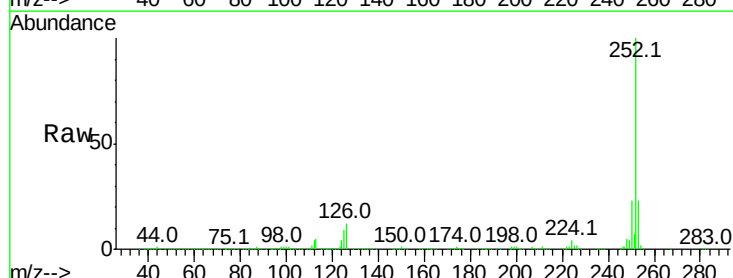
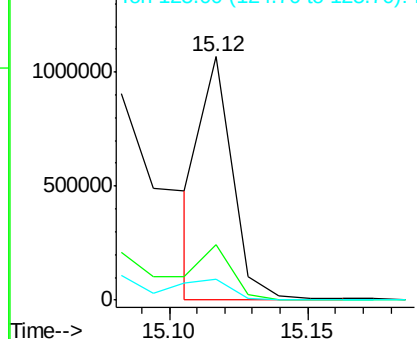
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

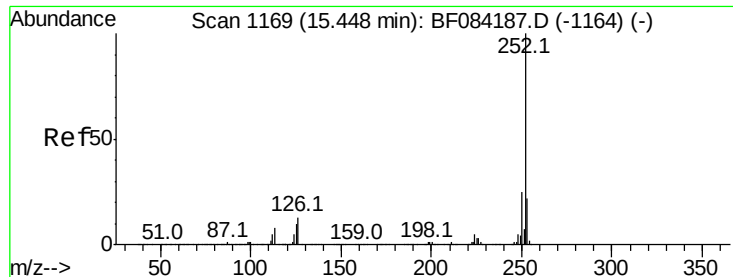


#88
Benzo(k)fluoranthene
Concen: 19.37 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084186.D
Acq: 31 Dec 2015 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.6	9.0	13.6

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





#89

Benzo(a)pyrene

Concen: 24.76 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:252 Resp: 1033839

Ion Ratio Lower Upper

252 100

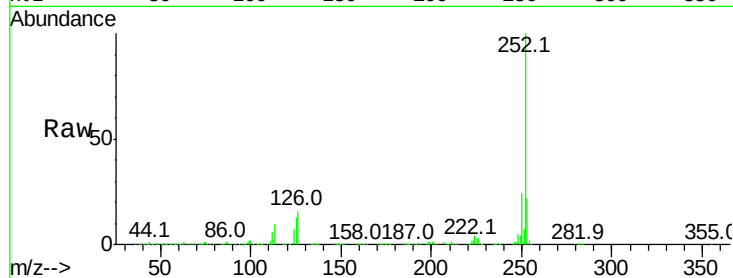
253 21.8 17.3 25.9

125 13.2 7.0 10.4#

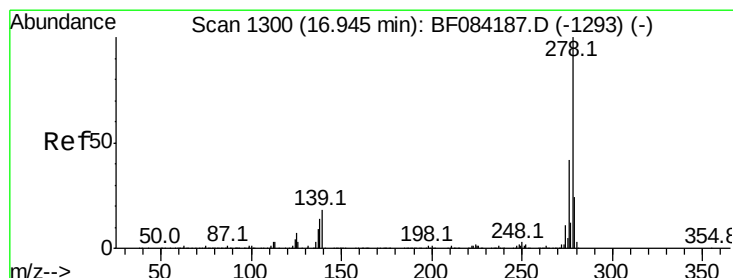
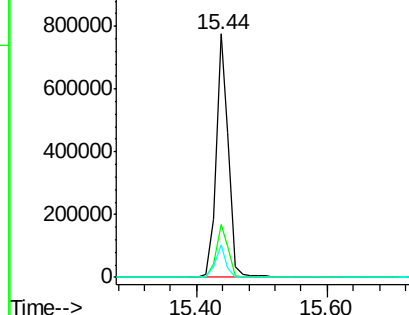
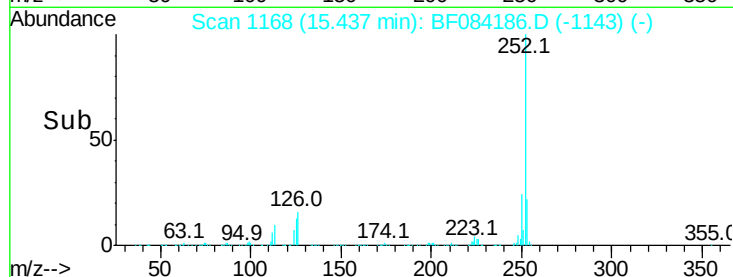
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 24.99 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF084186.D

Acq: 31 Dec 2015 10:14

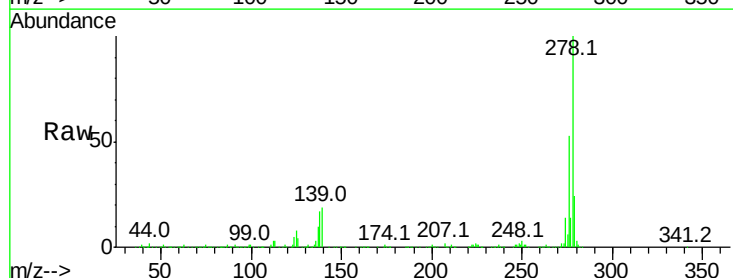
Tgt Ion:278 Resp: 851374

Ion Ratio Lower Upper

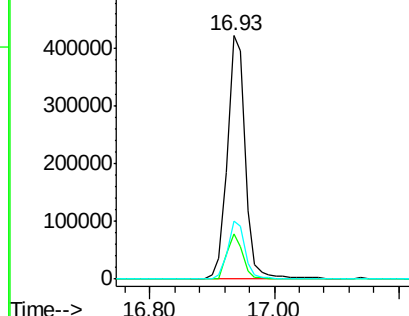
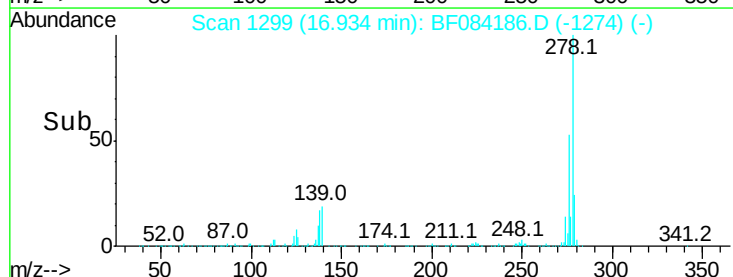
278 100

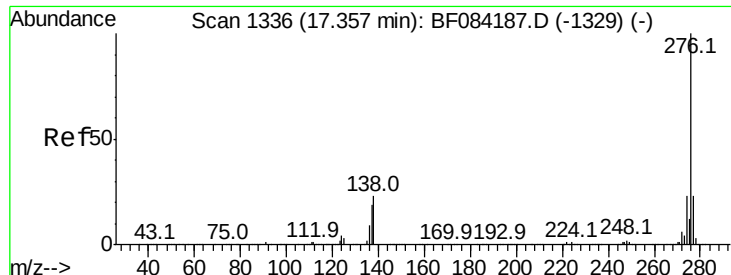
139 18.6 15.0 22.4

279 23.7 18.9 28.3



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





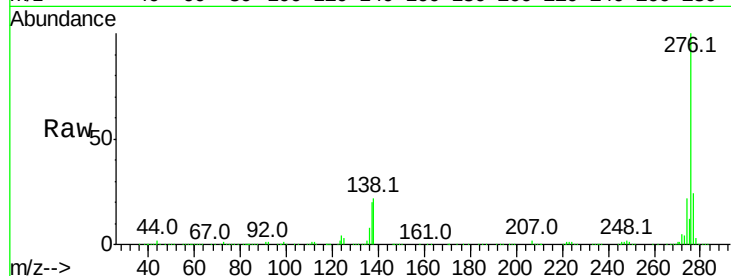
#91
 Benzo(a,h,i)perylene
 Concen: 24.44 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084186.D
 Acq: 31 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	276	Resp:	843116
Ion Ratio		Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.9	17.8	26.6

Manual Integrations
 APPROVED

UMANGI
 1/4/2016 4:28:29 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

