

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086211.D
 Acq On : 15 Apr 2016 12:30
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:24:43 PM

Quant Time: Apr 15 13:48:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 13:20:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	274653	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1120987	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	519133	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	901987	20.00	ng	0.00
75) Chrysene-d12	14.05	240	625446	20.00	ng	0.00
86) Perylene-d12	15.48	264	499004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	942675	28.20	ng	0.00
7) Phenol-d6	6.51	99	1053571	24.87	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1088629	27.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	207087	22.66	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1401067	21.76	ng	-0.01
78) Terphenyl-d14	13.00	244	1312045	25.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	230728	26.47	ng	95
3) Pyridine	3.25	79	635330	28.29	ng	92
4) n-Nitrosodimethylamine	3.17	42	211947	20.26	ng	# 68
6) Aniline	6.56	93	797013	26.18	ng	92
8) 2-Chlorophenol	6.67	128	497220	25.87	ng	93
9) Benzaldehyde	6.44	77	400642	34.70	ng	97
10) Phenol	6.52	94	624092	23.41	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	498157	26.46	ng	87
12) 1,3-Dichlorobenzene	6.83	146	510910	24.19	ng	100
13) 1,4-Dichlorobenzene	6.91	146	530577	25.03	ng	99
14) 1,2-Dichlorobenzene	7.07	146	471283	23.95	ng	99
15) Benzyl Alcohol	7.04	79	399167	25.73	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	731133	23.99	ng	99
17) 2-Methylphenol	7.14	107	396851	24.98	ng	97
18) Hexachloroethane	7.41	117	195824	25.74	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	358934	25.94	ng	95
20) 3+4-Methylphenols	7.30	107	507875	28.84	ng	# 78
22) Acetophenone	7.30	105	574530	22.01	ng	# 86
24) Nitrobenzene	7.47	77	511614	23.73	ng	91
25) Isophorone	7.72	82	1007413	26.32	ng	95
26) 2-Nitrophenol	7.79	139	229304	26.72	ng	93
27) 2,4-Dimethylphenol	7.82	122	462045	25.48	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	564659	25.72	ng	99
29) 2,4-Dichlorophenol	8.03	162	379931	26.63	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	399470	25.42	ng	99
31) Naphthalene	8.20	128	1404640	26.59	ng	99
32) Benzoic acid	7.92	122	294415	27.57	ng	98
33) 4-Chloroaniline	8.25	127	605203	27.94	ng	97
34) Hexachlorobutadiene	8.33	225	205149	24.72	ng	99
35) Caprolactam	8.60	113	127209	26.65	ng	# 63
36) 4-Chloro-3-methylphenol	8.73	107	437670	27.02	ng	90
37) 2-Methylnaphthalene	8.89	142	855872	25.17	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	339099	24.96	ng	98
40) Hexachlorocyclopentadiene	9.05	237	154459	22.41	ng	99

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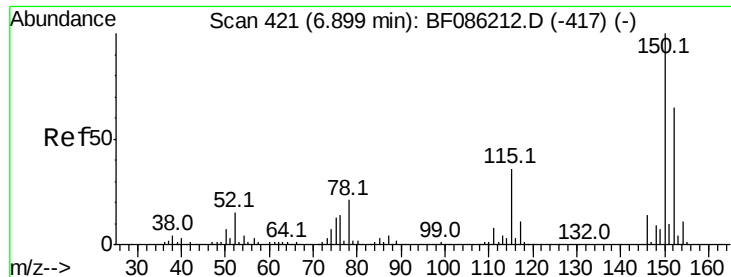
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	254834	24.35	nq	94
43) 2,4,5-Trichlorophenol	9.20	196	253897	24.36	nq	# 78
45) 1,1'-Biphenyl	9.36	154	993491	24.47	nq	98
46) 2-Chloronaphthalene	9.38	162	797120	24.00	nq	100
47) 2-Nitroaniline	9.47	65	267847	28.06	nq	89
48) Acenaphthylene	9.79	152	1306044	25.91	nq	99
49) Dimethylphthalate	9.65	163	920492	23.83	nq	99
50) 2,6-Dinitrotoluene	9.71	165	200904	24.57	nq	# 63
51) Acenaphthene	9.96	154	784348	23.95	nq	98
52) 3-Nitroaniline	9.88	138	287506	30.46	nq	88
53) 2,4-Dinitrophenol	9.98	184	63988	26.96	nq	# 63
54) Dibenzofuran	10.13	168	1033436	25.68	nq	91
55) 4-Nitrophenol	10.03	139	217482	31.63	nq	# 61
56) 2,4-Dinitrotoluene	10.11	165	258082	24.67	nq	# 65
57) Fluorene	10.48	166	707722	21.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	175427	23.97	nq	95
59) Diethylphthalate	10.36	149	1027245	26.14	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	336569	22.05	nq	98
61) 4-Nitroaniline	10.49	138	225432	25.33	nq	93
62) Azobenzene	10.64	77	1078942	27.44	nq	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	107636	31.14	nq	# 45
65) n-Nitrosodiphenylamine	10.59	169	713123	25.65	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	234751	26.09	nq	97
67) Hexachlorobenzene	11.02	284	235321	23.26	nq	96
68) Atrazine	11.12	200	219589	26.72	nq	100
69) Pentachlorophenol	11.22	266	154241	28.99	nq	96
70) Phenanthrene	11.44	178	1120925	23.79	nq	100
71) Anthracene	11.49	178	1272730	27.35	nq	98
72) Carbazole	11.64	167	1106209	26.21	nq	99
73) Di-n-butylphthalate	11.98	149	1530967	30.81	nq	99
74) Fluoranthene	12.63	202	1181413	27.14	nq	99
76) Benzidine	12.75	184	654001	30.41	nq	97
77) Pyrene	12.85	202	1228665	26.18	nq	98
79) Butylbenzylphthalate	13.48	149	603315	31.69	nq	98
80) Benzo(a)anthracene	14.04	228	873634	25.24	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	572081	25.14	nq	# 97
82) Chrysene	14.08	228	956353	26.43	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	670137	29.97	nq	98
84) Di-n-octyl phthalate	14.65	149	1217345	29.69	nq	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	715700	24.99	nq	97
87) Benzo(b)fluoranthene	15.07	252	802692	26.49	nq	98
88) Benzo(k)fluoranthene	15.09	252	775879m	27.19	nq	
89) Benzo(a)pyrene	15.43	252	722062	27.17	nq	97
90) Dibenzo(a,h)anthracene	16.91	278	595078	25.17	nq	97
91) Benzo(g,h,i)perylene	17.31	276	609241	24.78	nq	95

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



#1

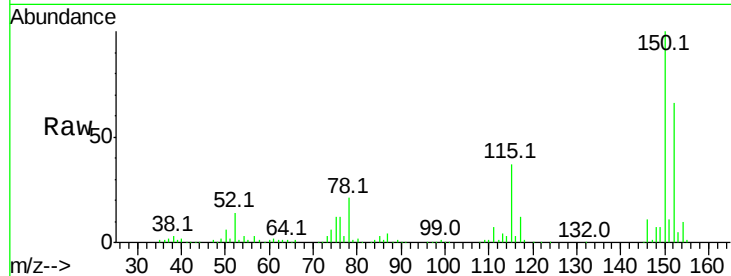
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

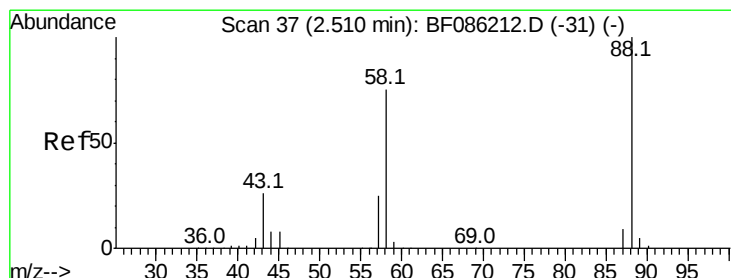
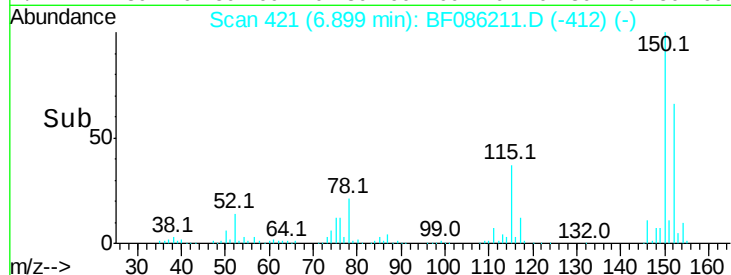
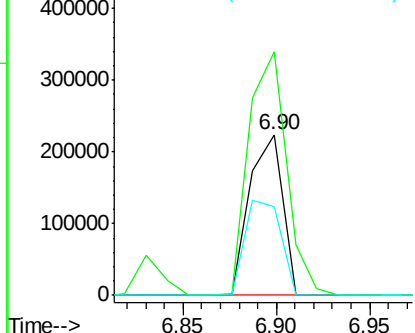
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.1	186.1
115	55.3	43.9	65.9

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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

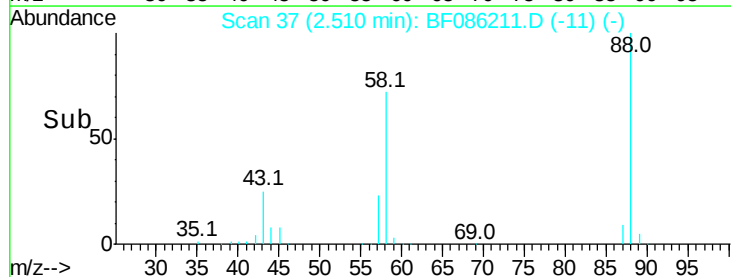
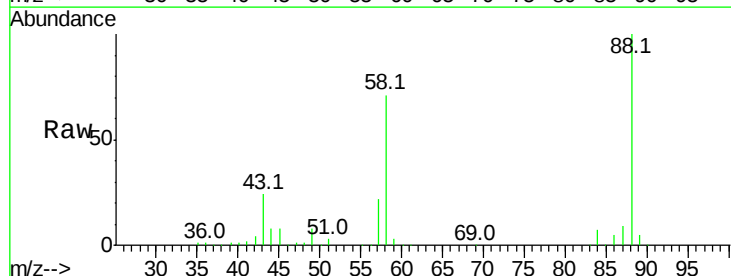
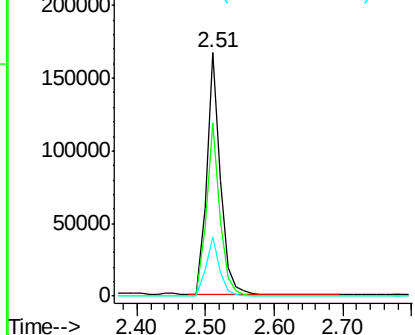


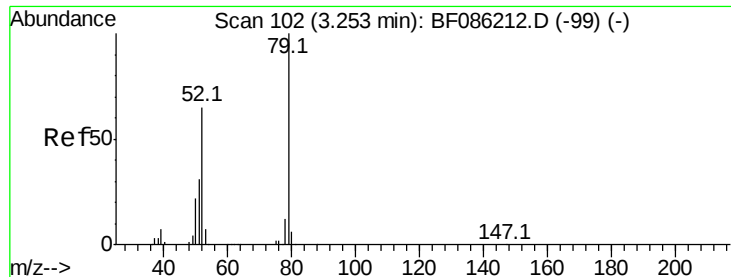
#2

1,4-Dioxane
Concen: 26.47 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	58.4	87.6
43	24.1	23.3	34.9

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: 28.29 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

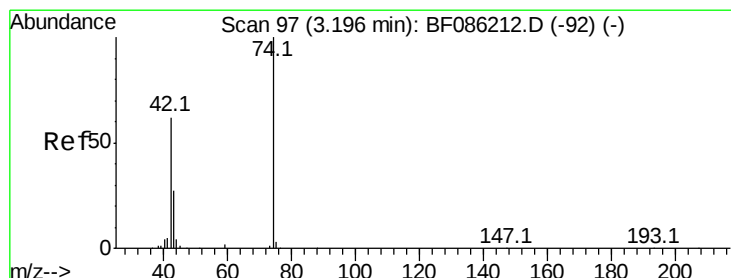
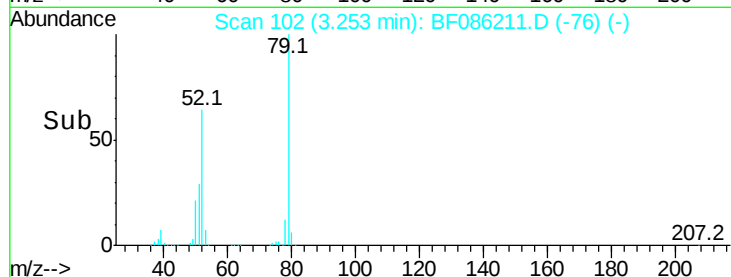
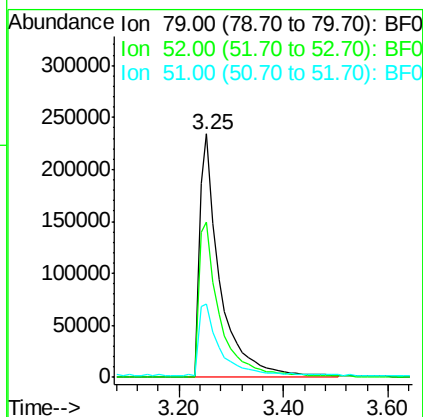
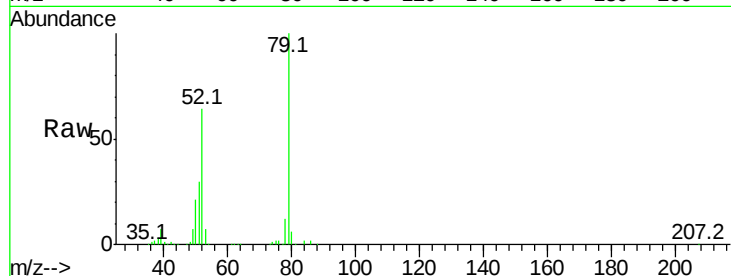
SSTDIC025

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Tot Ion	79	Resp	635330
Ion Ratio	Lower	Upper	
79	100		
52	63.7	55.4	83.2
51	30.0	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 20.26 ng

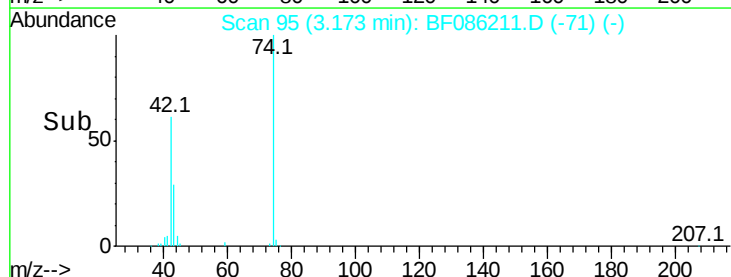
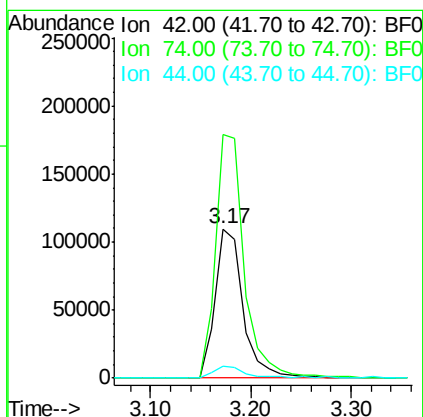
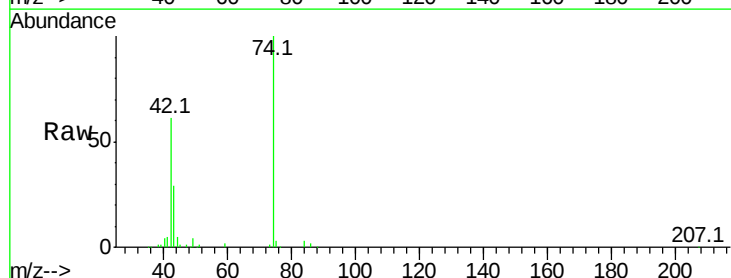
RT: 3.17 min Scan# 95

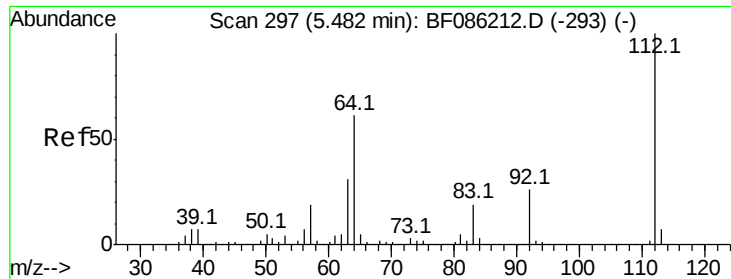
Delta R.T. -0.02 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion	42	Resp	211947
Ion Ratio	Lower	Upper	
42	100		
74	163.2	100.5	150.7#
44	8.4	5.4	8.0#





#5

2-Fluorophenol

Concen: 28.20 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

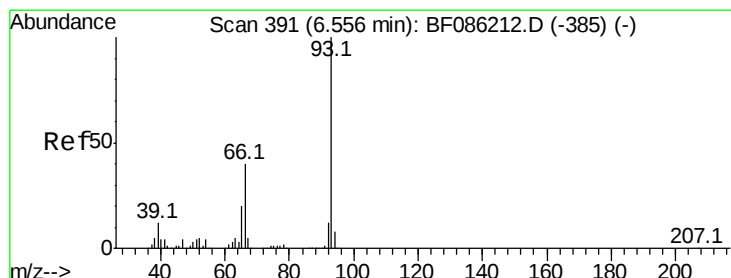
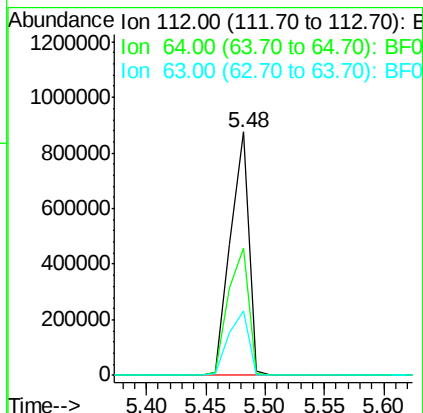
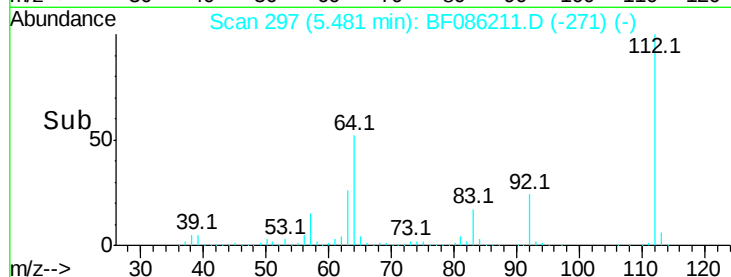
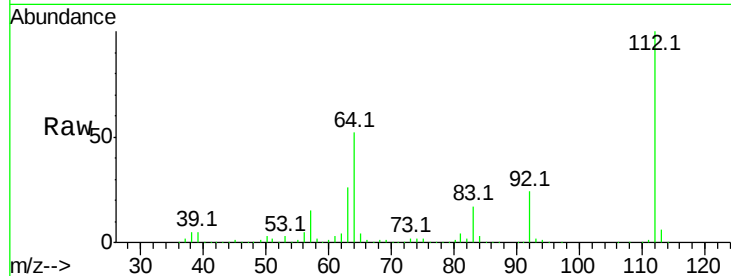
ClientSampled :

SSTDIC025

Tot Ion:	112	Resp:	942675
Ion Ratio	Lower	Upper	
112	100		
64	52.4	48.1	72.1
63	26.2	25.5	38.3

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#6

Aniline

Concen: 26.18 ng

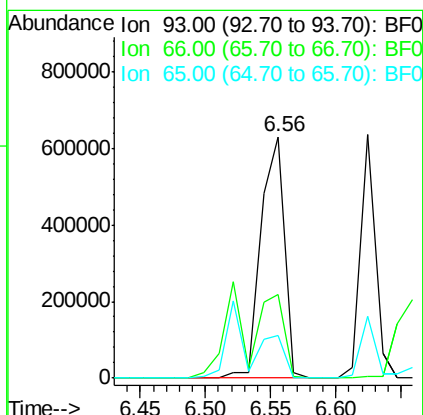
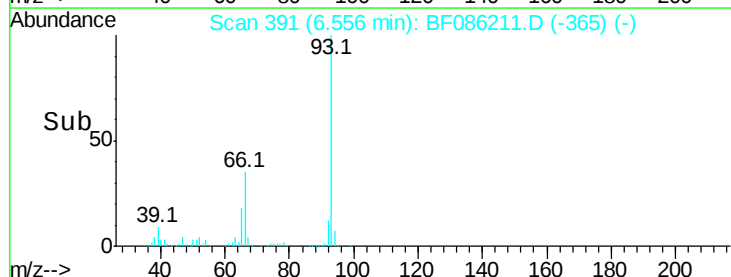
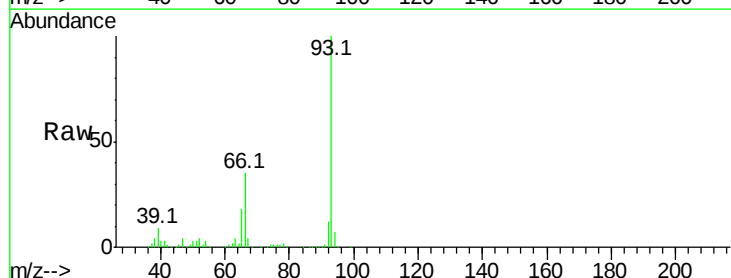
RT: 6.56 min Scan# 391

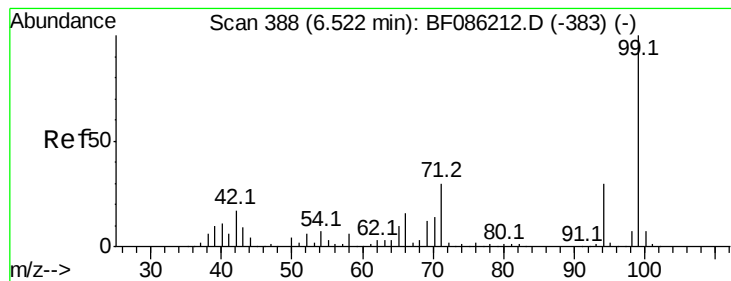
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	93	Resp:	797013
Ion Ratio	Lower	Upper	
93	100		
66	34.9	32.2	48.2
65	17.8	16.4	24.6





#7

Phenol-d6

Concen: 24.87 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 1053571

Ion Ratio Lower Upper

99 100

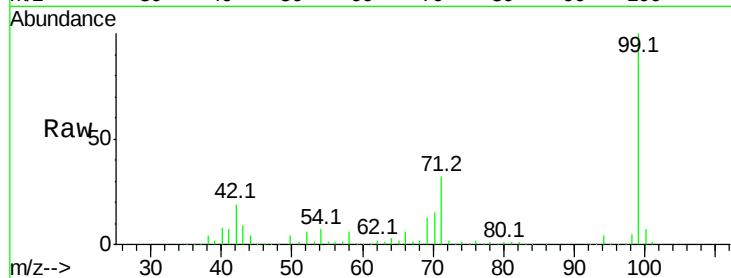
42 18.7 15.4 23.2

71 32.0 25.6 38.4

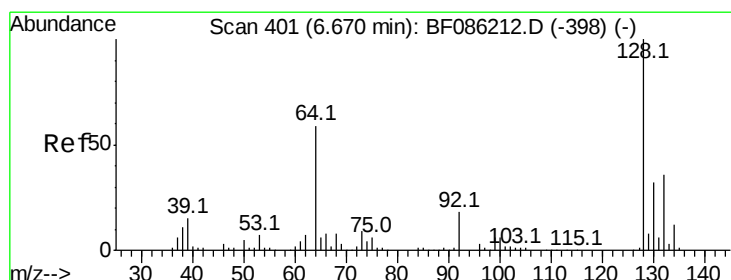
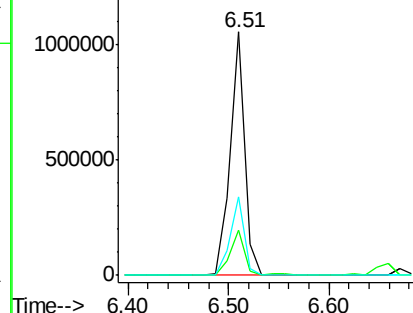
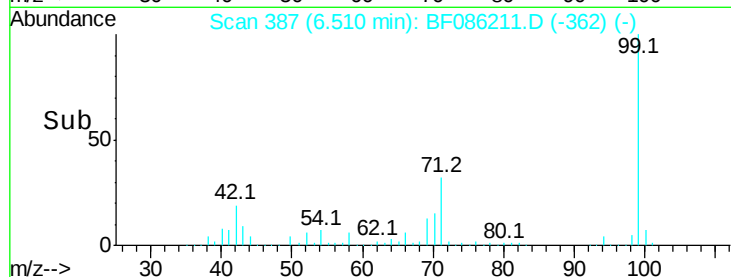
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.87 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

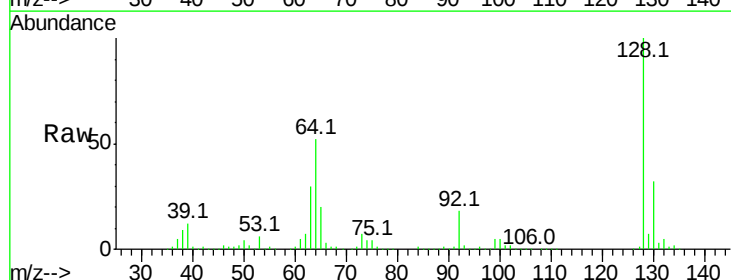
Tgt Ion: 128 Resp: 497220

Ion Ratio Lower Upper

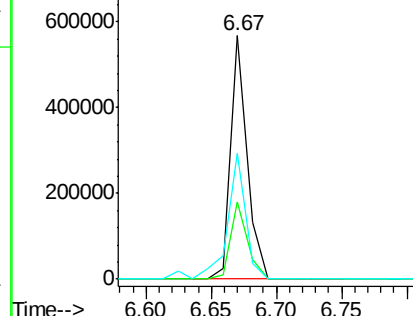
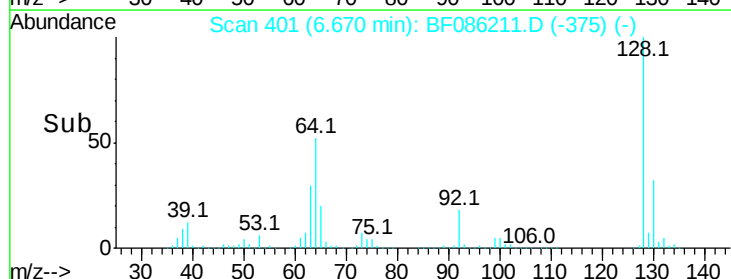
128 100

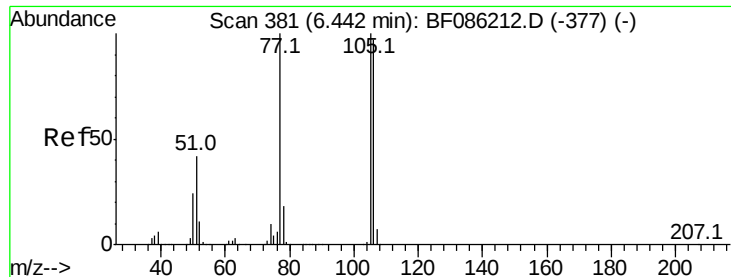
130 31.8 11.8 51.8

64 51.8 39.5 79.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.70 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 400642

Ion Ratio Lower Upper

77 100

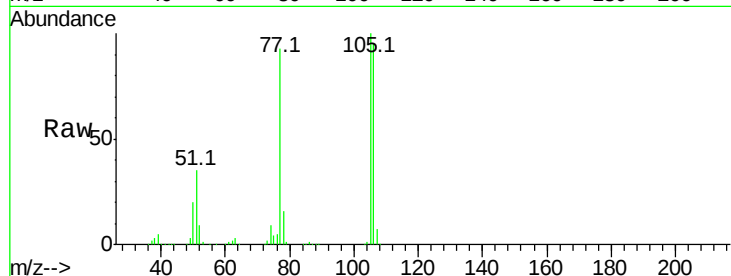
105 107.6 84.6 124.6

106 102.6 78.6 118.6

Manual Integrations
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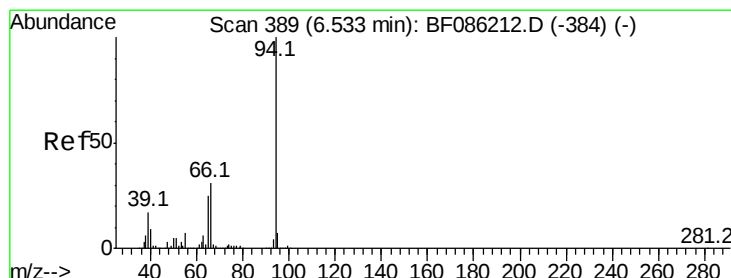
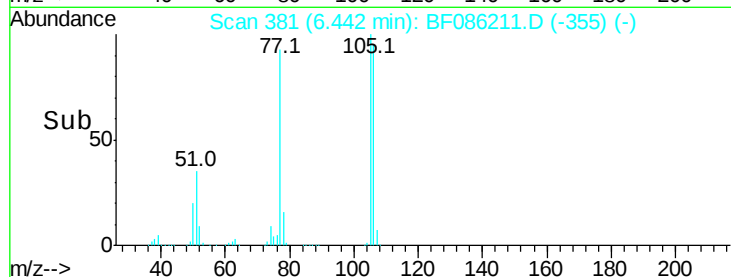
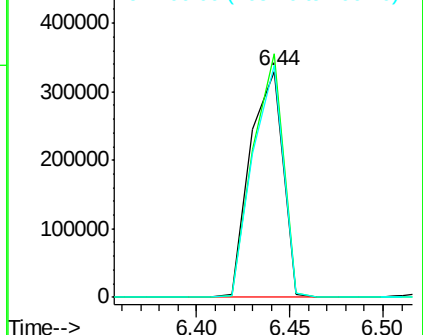
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 23.41 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

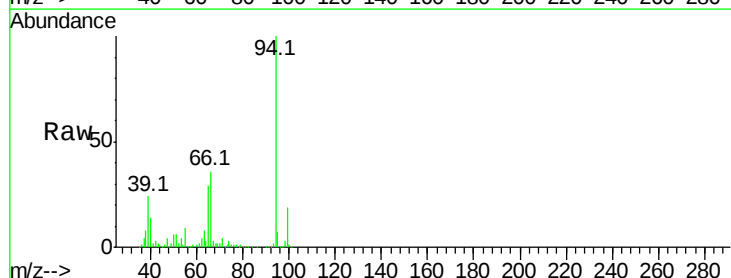
Tgt Ion: 94 Resp: 624092

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

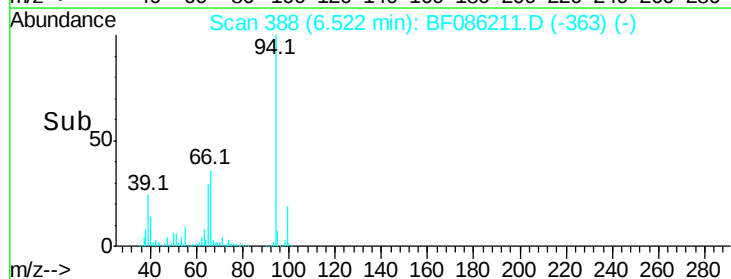
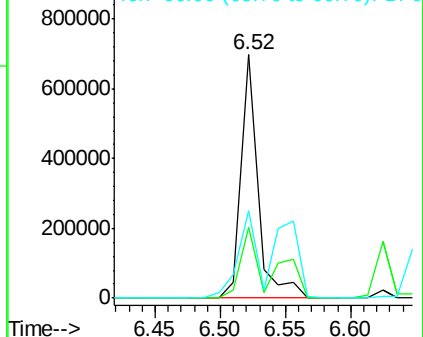
66 36.0 16.5 56.5

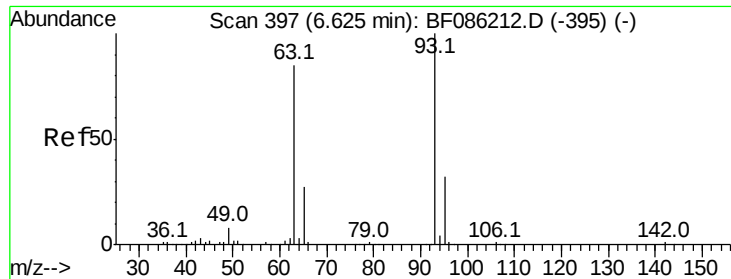


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 26.46 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

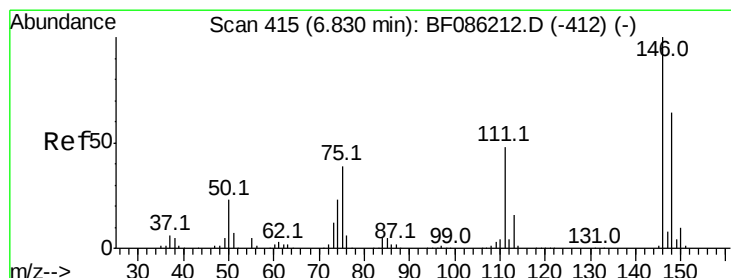
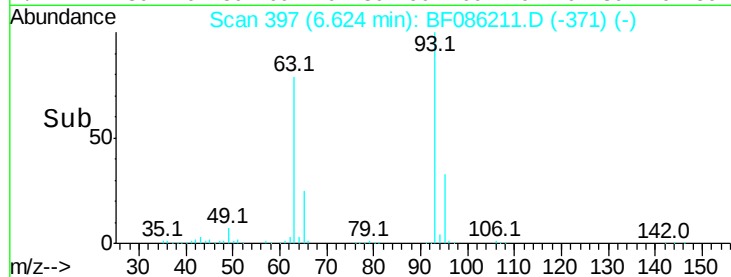
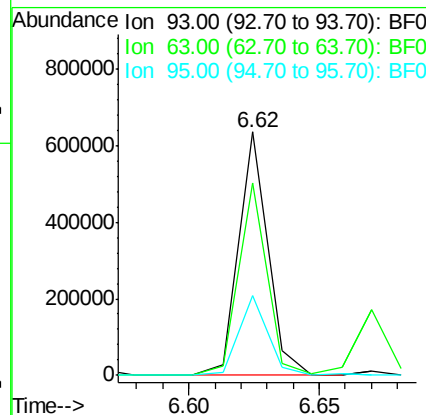
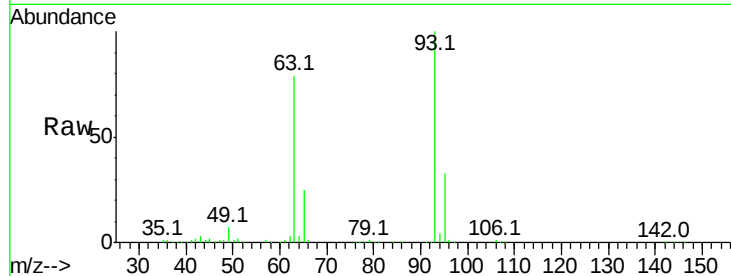
ClientSampleId :

SSTDIC025

Tot Ion:	93	Resp:	498157
Ion Ratio	Lower	Upper	
93	100		
63	79.1	44.4	84.4
95	32.7	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 24.19 ng

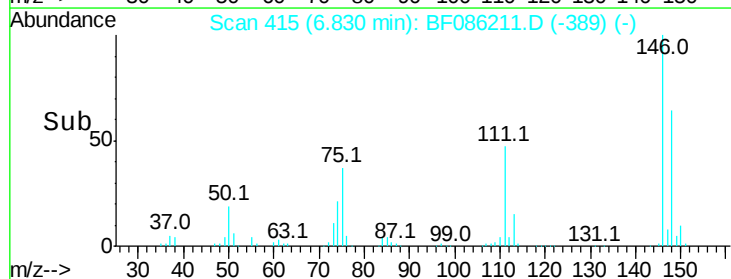
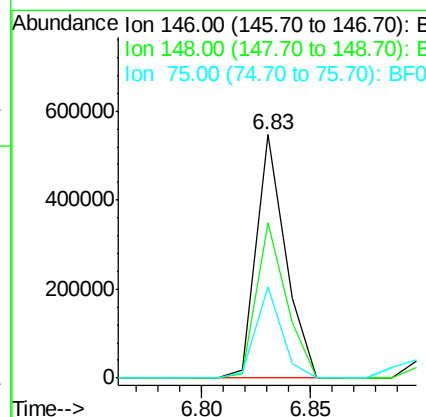
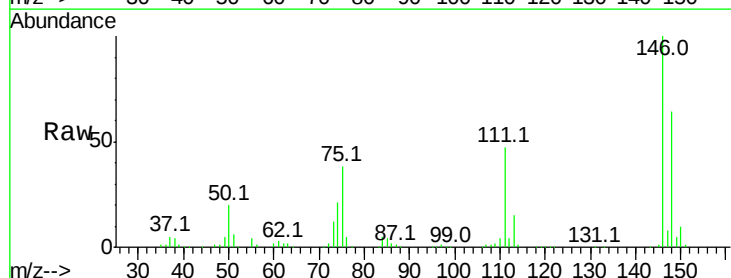
RT: 6.83 min Scan# 415

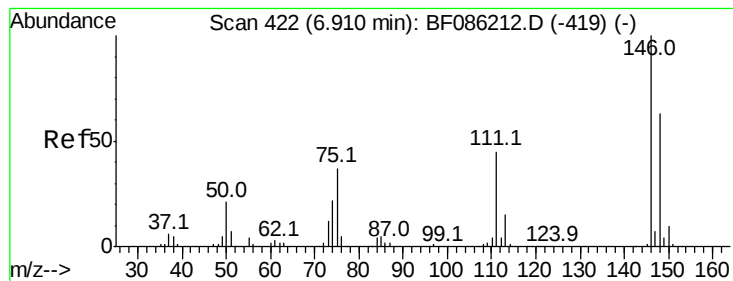
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	146	Resp:	510910
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
75	37.6	29.9	44.9





#13

1,4-Dichlorobenzene

Concen: 25.03 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

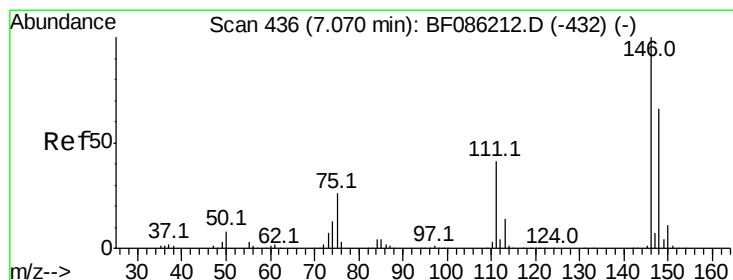
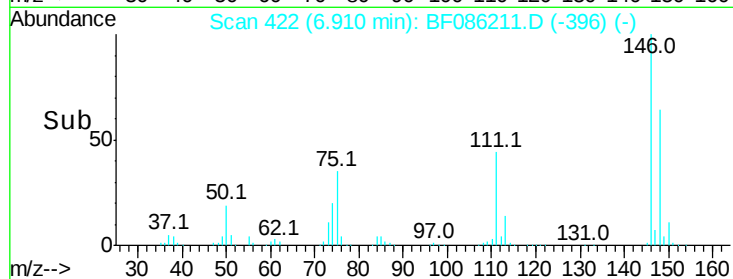
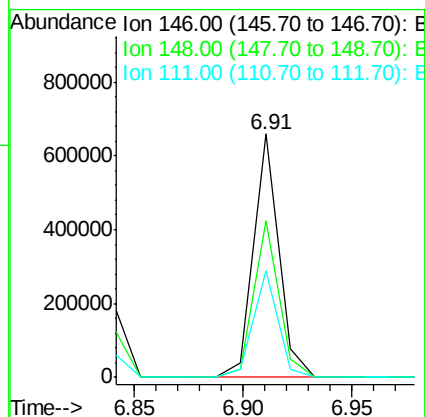
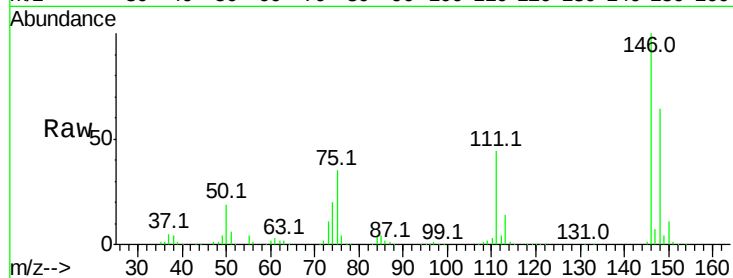
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	530577
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	44.1	34.9	52.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 23.95 ng

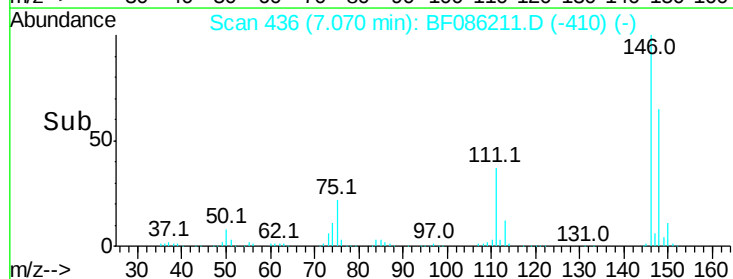
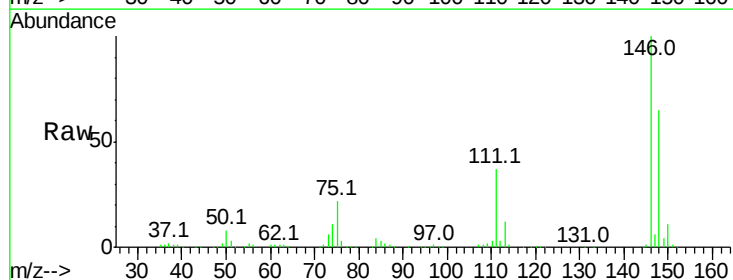
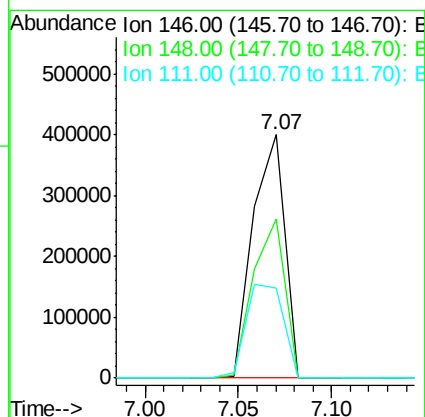
RT: 7.07 min Scan# 436

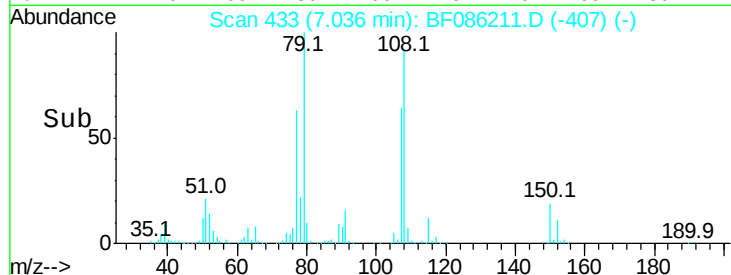
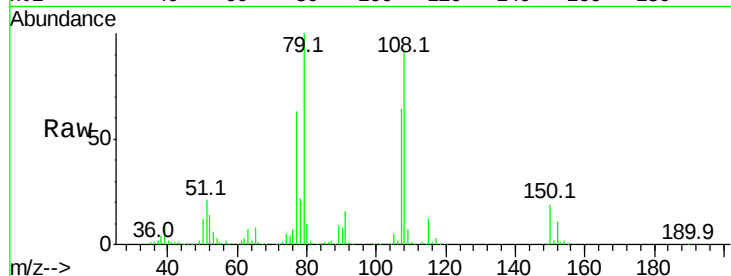
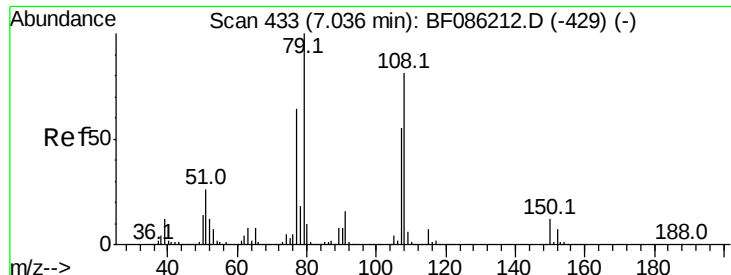
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	146	Resp:	471283
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
111	36.8	31.0	46.4





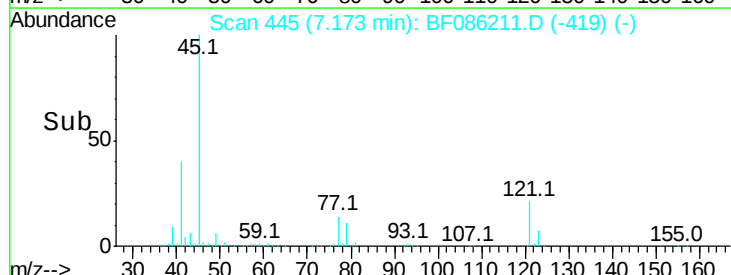
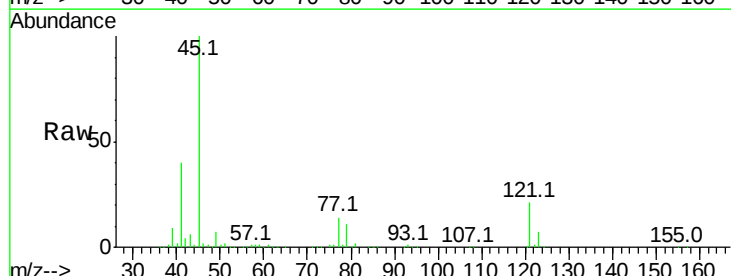
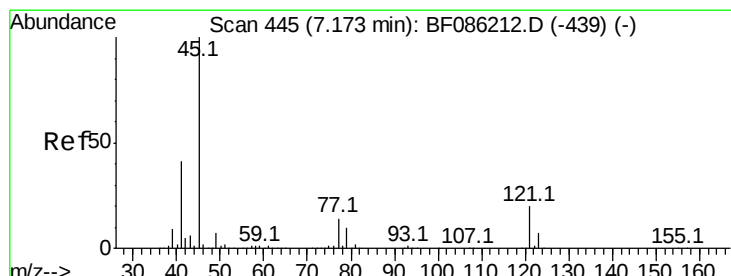
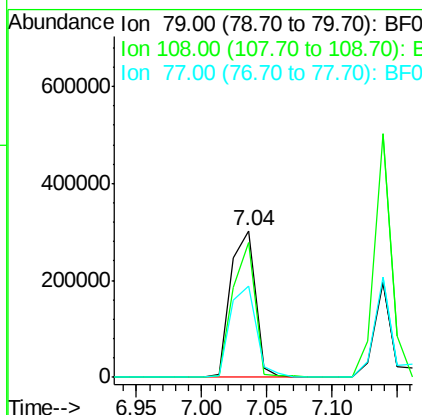
#15
Benzyl Alcohol
Concen: 25.73 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tot Ion	79	108	77
Ratio	100	91.9	62.6
Lower		64.8	51.9
Upper		97.2	77.9

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

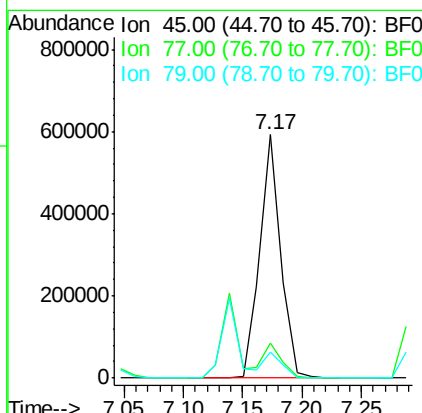
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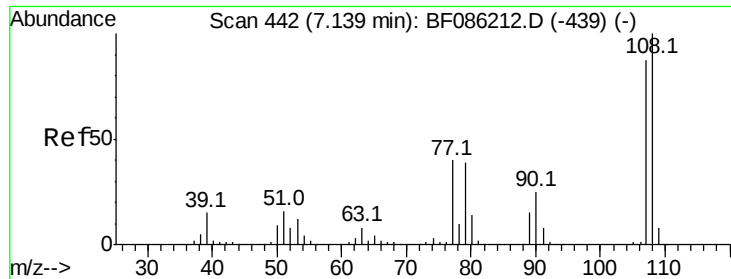
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.99 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	45	77	79
Ratio	100	14.2	10.6
Lower		0.0	0.0
Upper		33.7	30.1





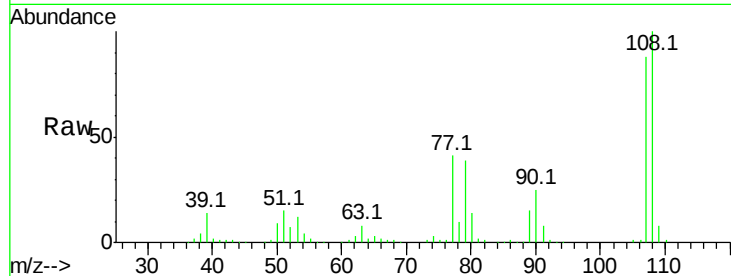
#17
2-Methylphenol
Concen: 24.98 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
107	100	396851		
108	114.1	92.7	139.1	
77	47.1	39.6	59.4	
79	44.3	37.4	56.2	

Manual Integrations
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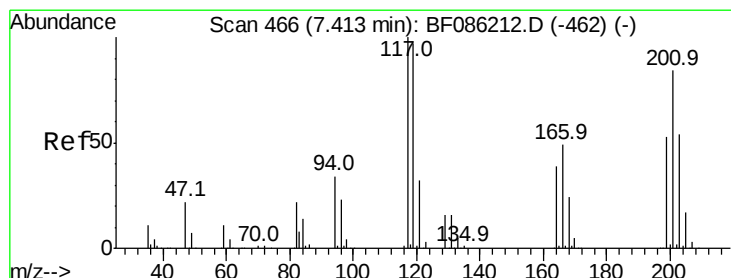
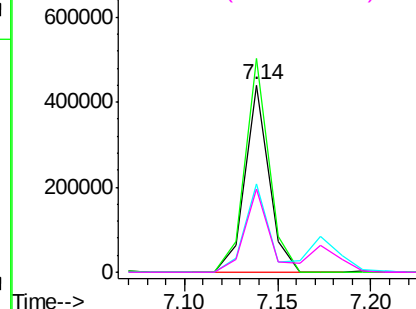
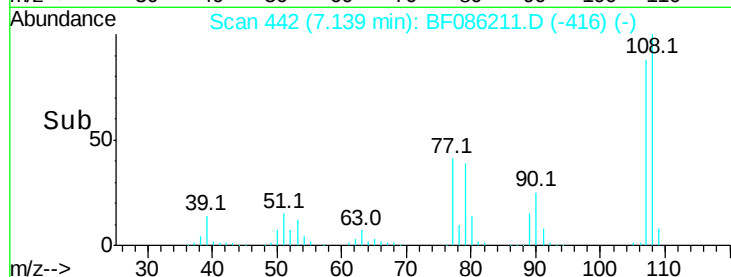
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

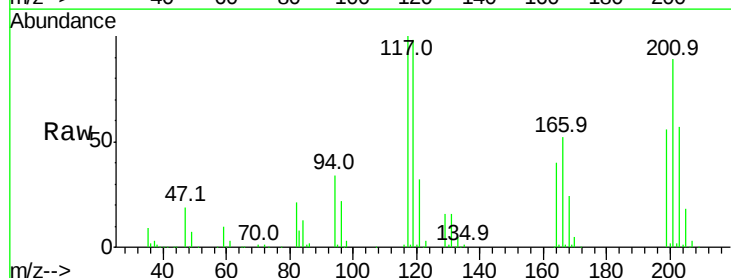
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 25.74 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	195824		
119	97.9	78.2	117.4	
201	88.9	75.7	113.5	

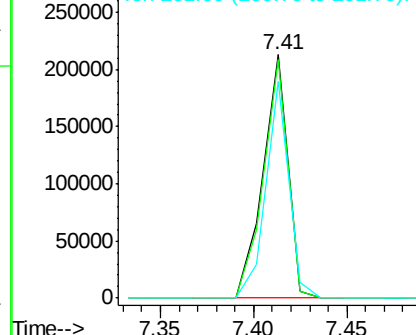
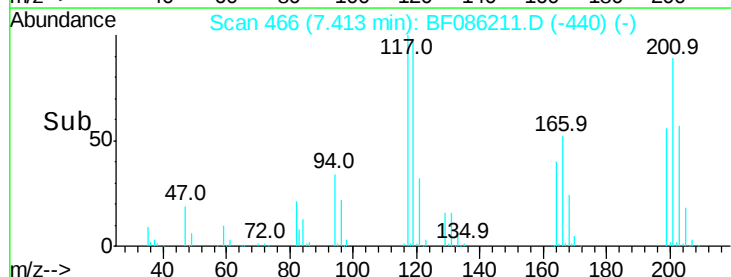


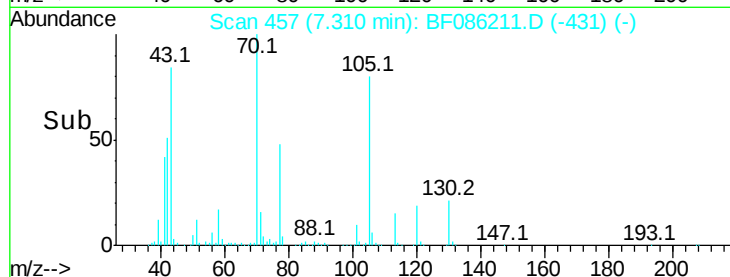
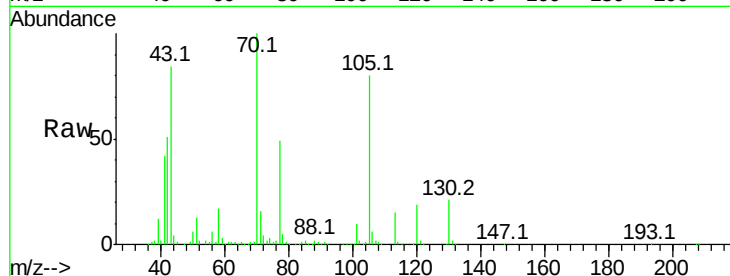
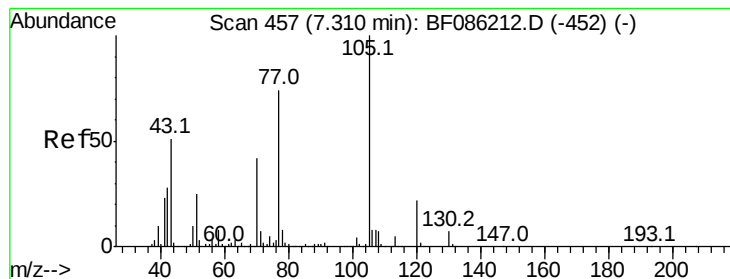
Abundance

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: 25.94 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 70 Resp: 358934

Ion Ratio Lower Upper

70 100

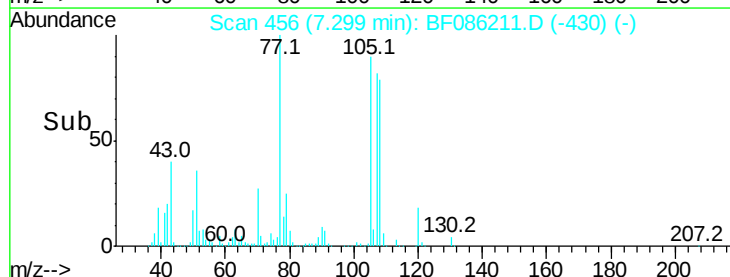
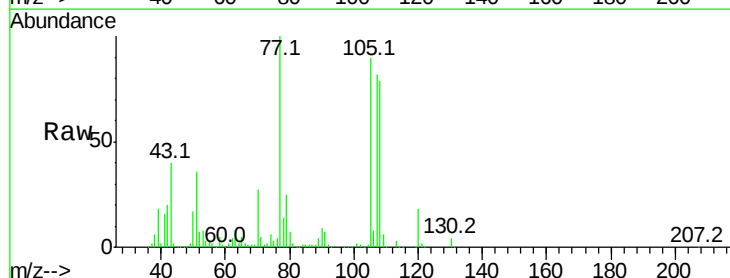
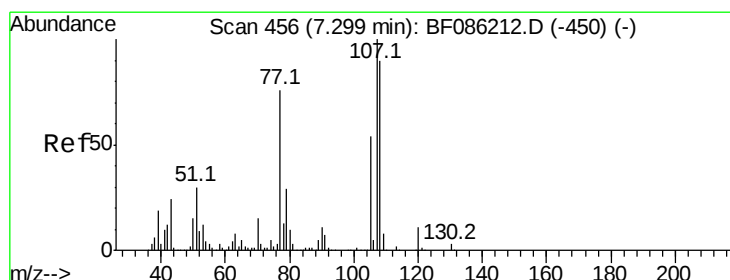
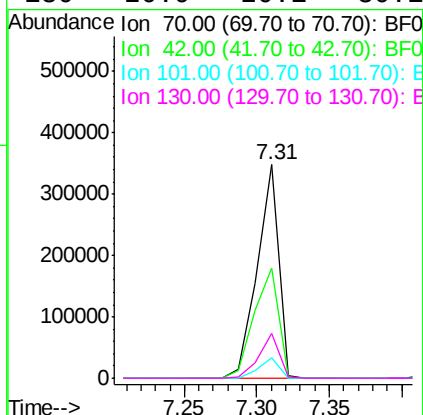
42 51.3 43.0 64.4

101 9.5 8.1 12.1

130 20.9 20.1 30.1

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#20

3+4-Methylphenols

Concen: 28.84 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:107 Resp: 507875

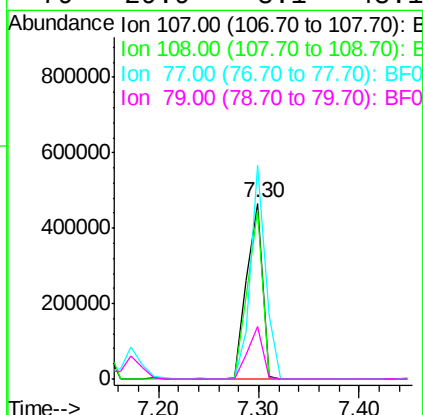
Ion Ratio Lower Upper

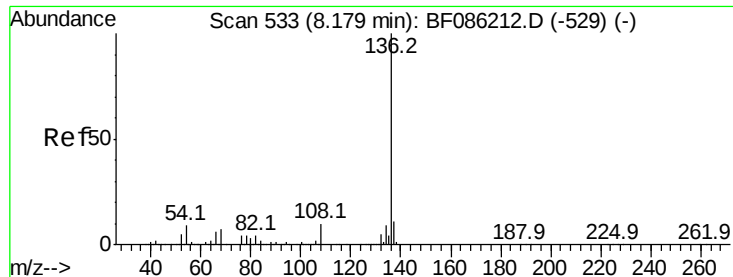
107 100

108 96.1 69.7 109.7

77 121.7 60.5 100.5#

79 29.9 8.1 48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

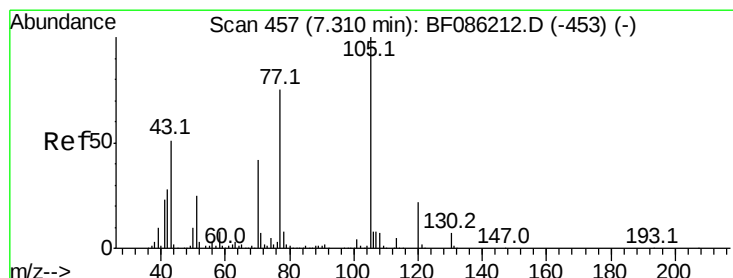
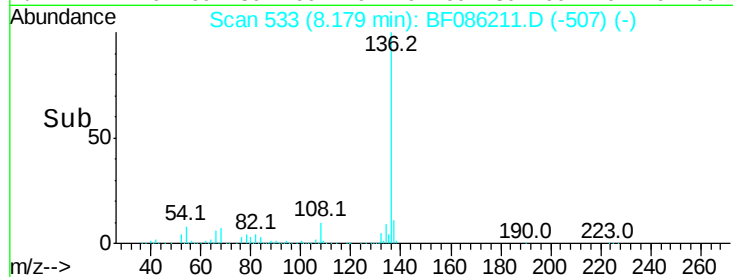
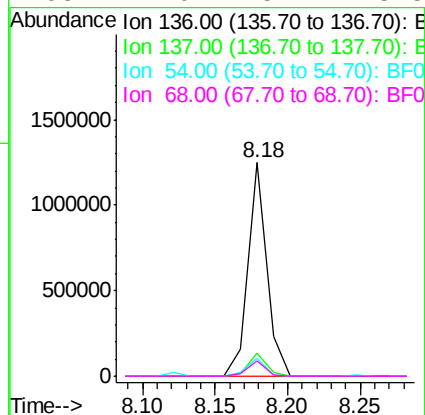
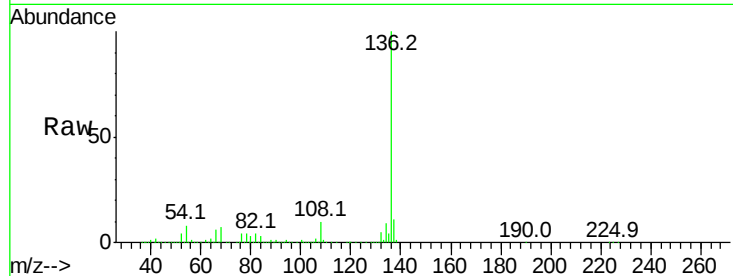
ClientSampleId :

SSTDIC025

Tot Ion	136	Resp	1120987
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	8.5	7.3	10.9
68	7.0	5.7	8.5

Manual Integrations
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#22

Acetophenone

Concen: 22.01 ng

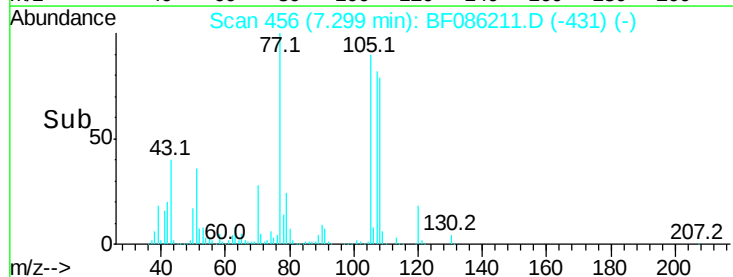
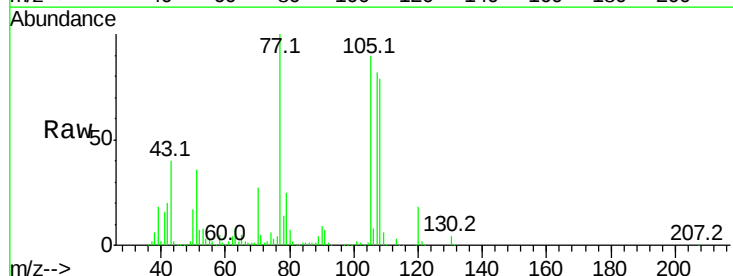
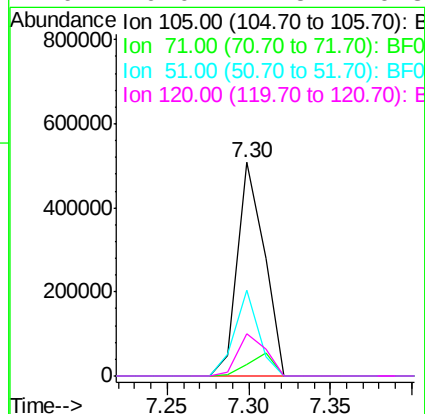
RT: 7.30 min Scan# 456

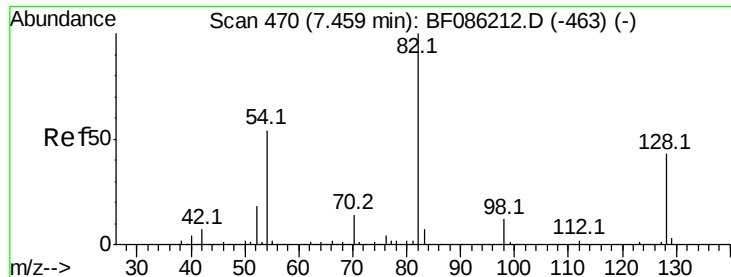
Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion	105	Resp	574530
Ion Ratio	Lower	Upper	
105	100		
71	5.3	4.0	6.0
51	40.3	22.0	33.0#
120	20.0	17.5	26.3





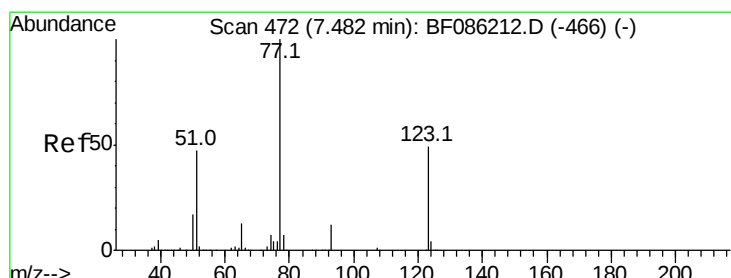
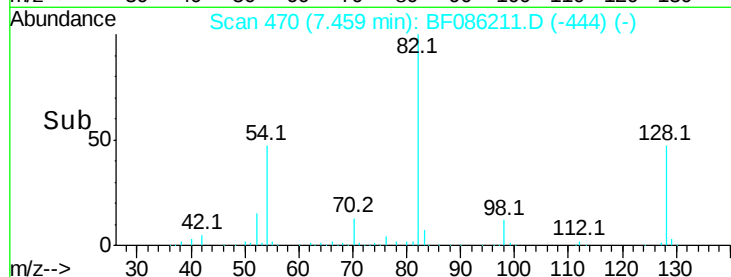
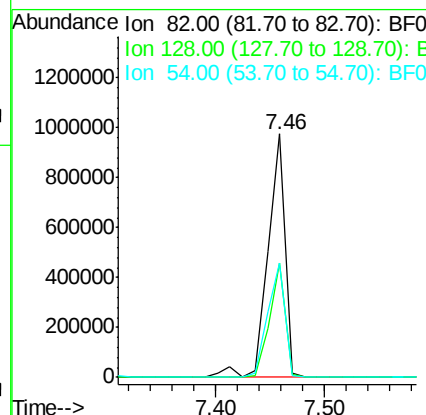
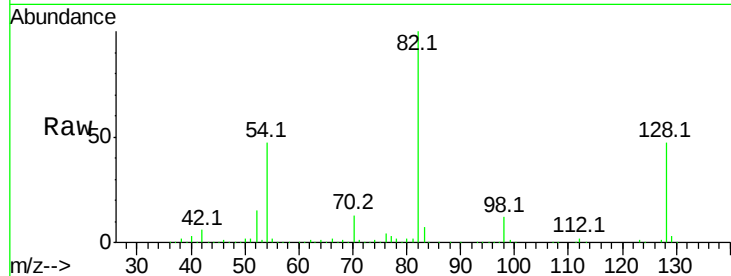
#23
Nitrobenzene-d5
Concen: 27.67 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.4	53.2
54	46.9	43.4	65.0

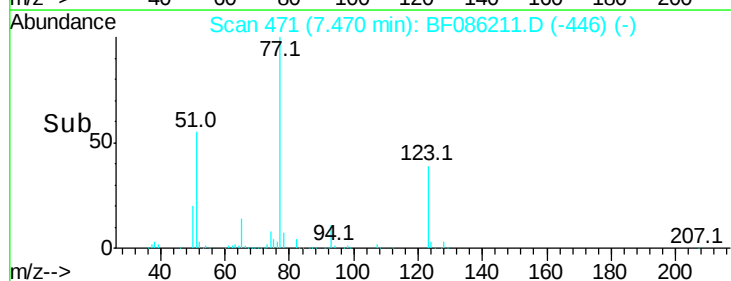
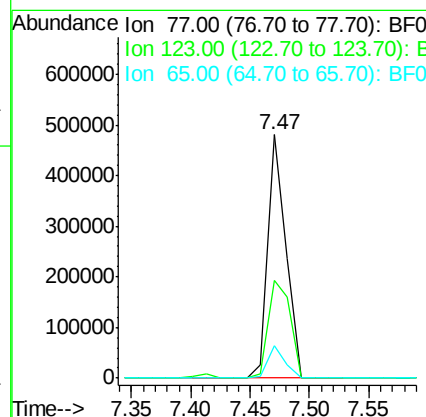
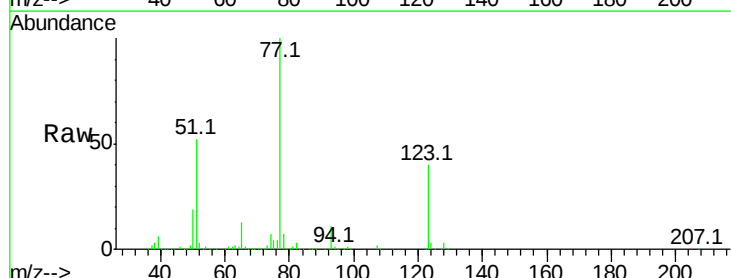
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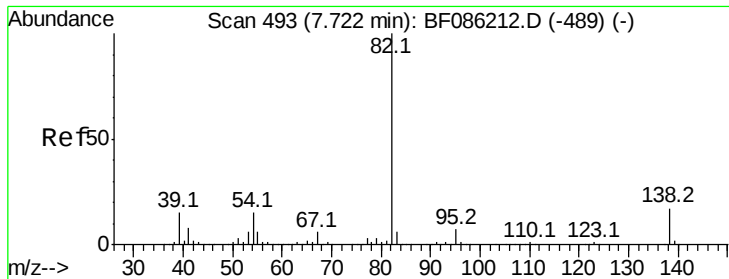
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#24
Nitrobenzene
Concen: 23.73 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	38.3	57.5
65	13.2	11.3	16.9





#25

Isophorone

Concen: 26.32 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 82 Resp: 1007413

Ion Ratio Lower Upper

82 100

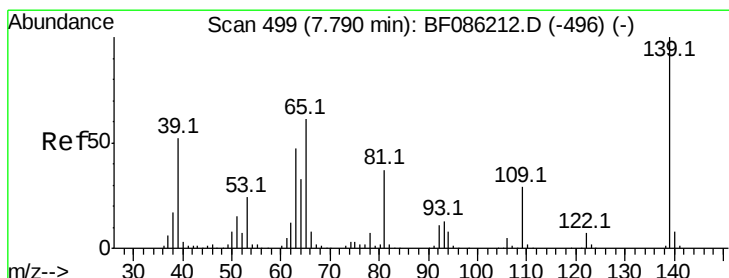
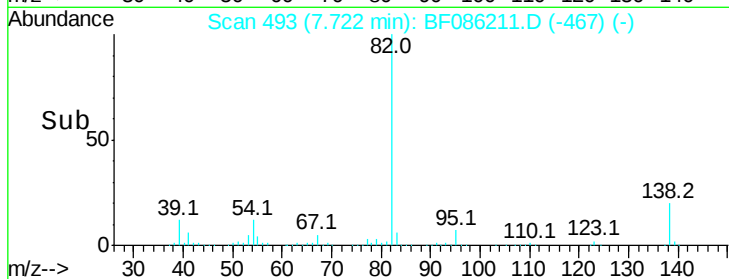
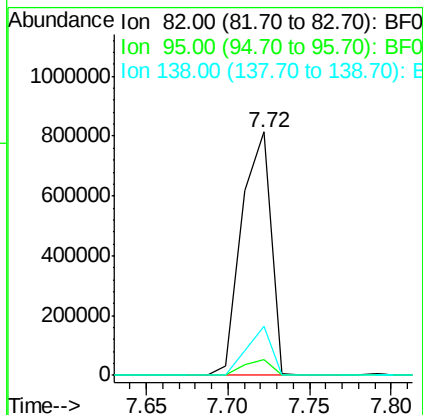
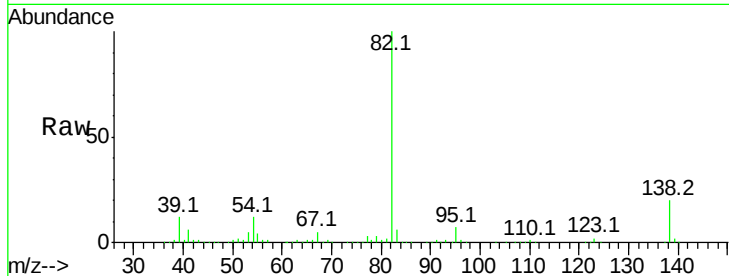
95 6.6 5.4 8.2

138 20.0 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.72 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

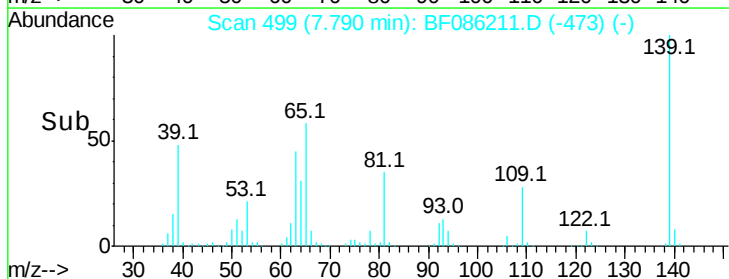
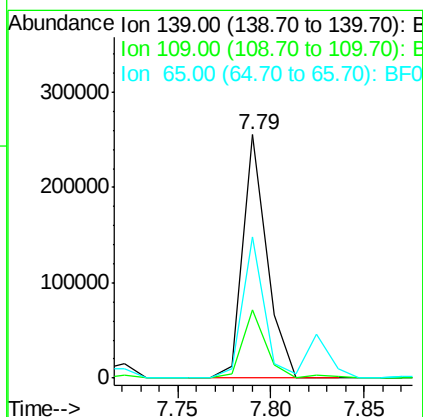
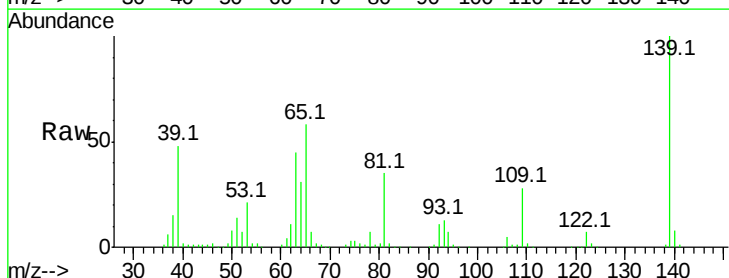
Tgt Ion: 139 Resp: 229304

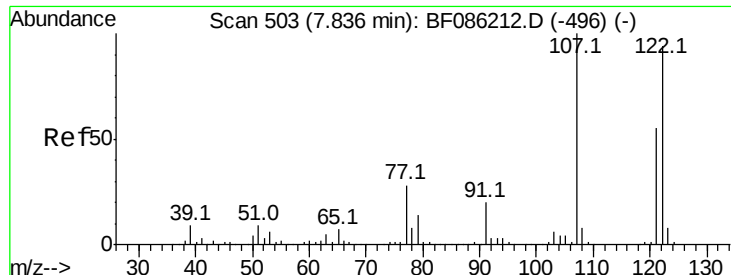
Ion Ratio Lower Upper

139 100

109 27.9 25.8 38.8

65 57.9 50.2 75.2





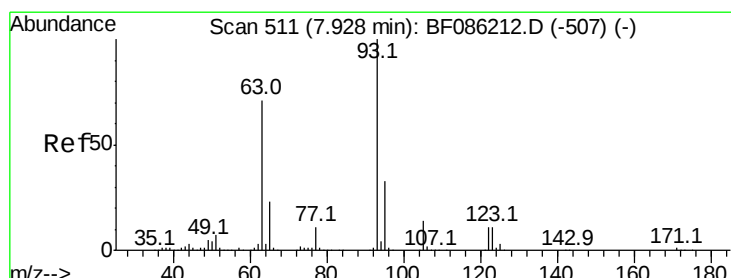
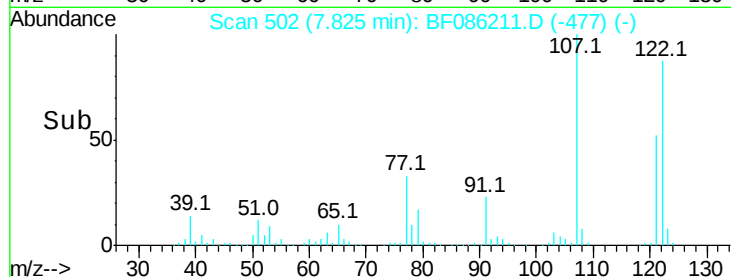
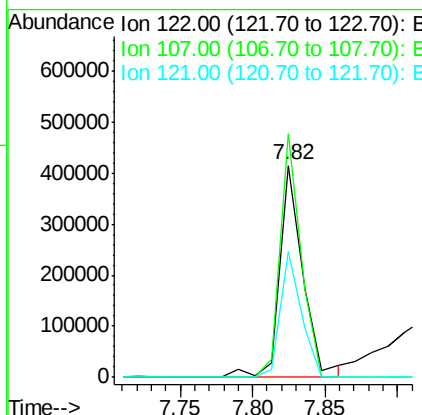
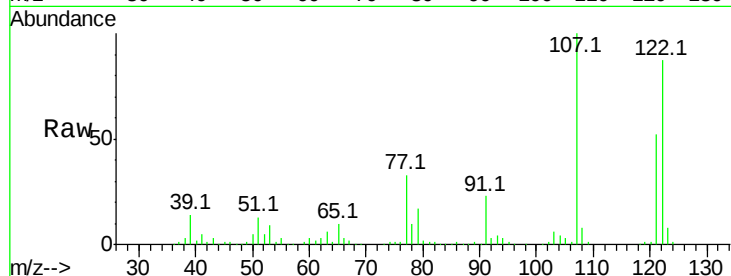
#27
 2,4-Dimethylphenol
 Concen: 25.48 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
122	100	462045		
107	115.0	85.8	128.6	
121	59.3	47.1	70.7	

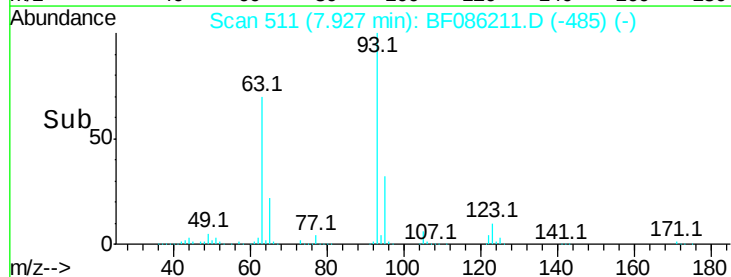
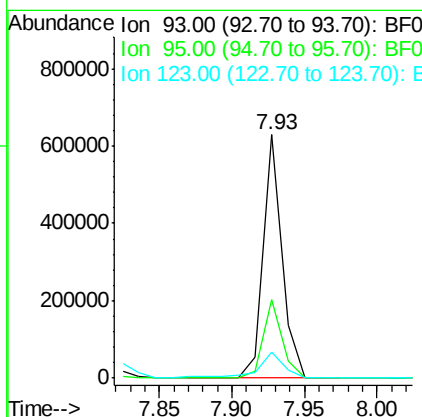
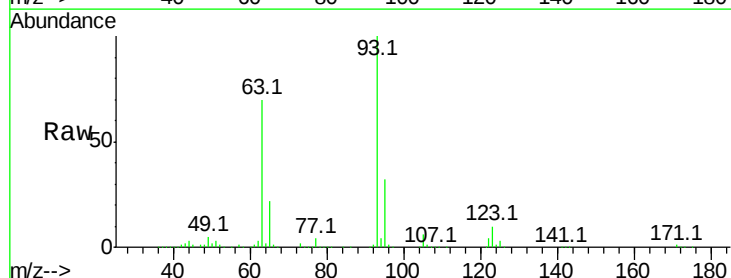
Manual Integrations
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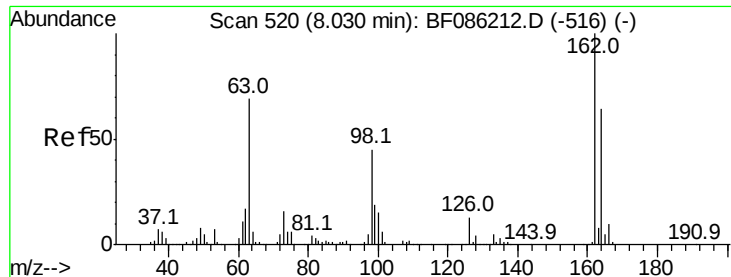
Sohil
 4/18/2016 7:24:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.72 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564659		
95	32.4	25.8	38.8	
123	10.5	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 26.63 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

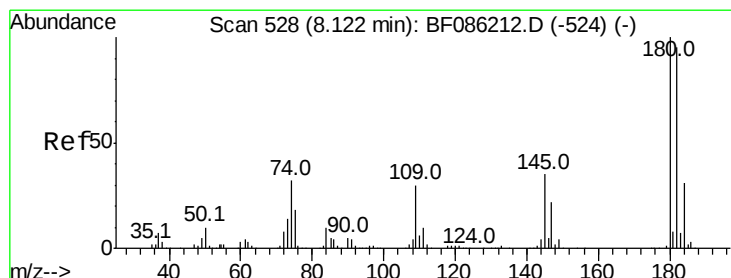
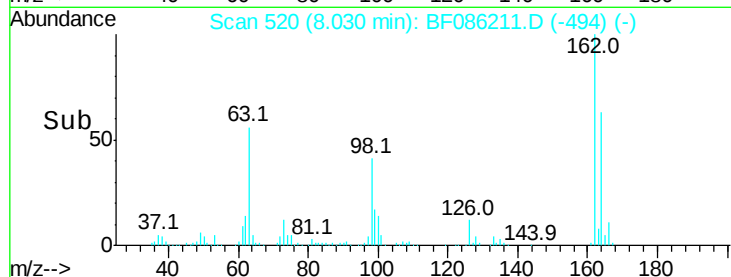
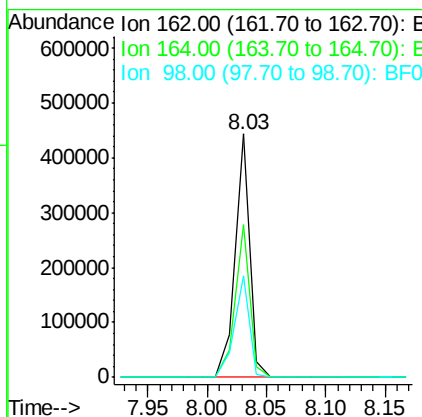
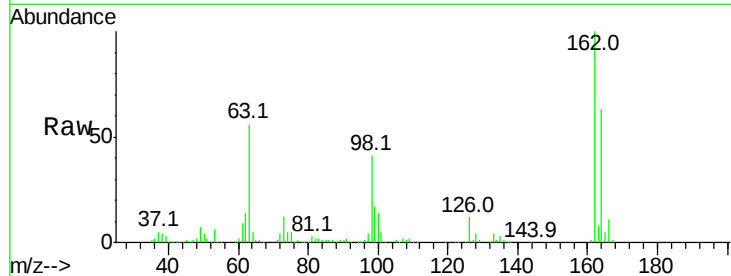
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
162	100	379931		
164	62.6	43.3	83.3	
98	41.5	22.9	62.9	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 25.42 ng

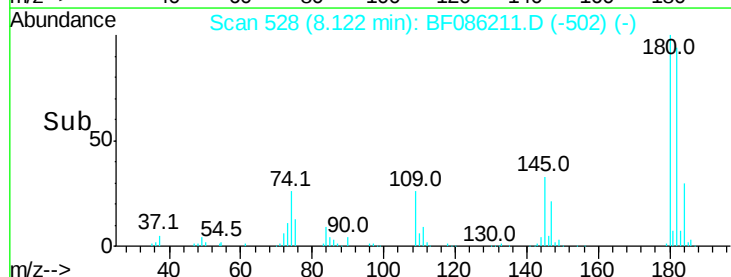
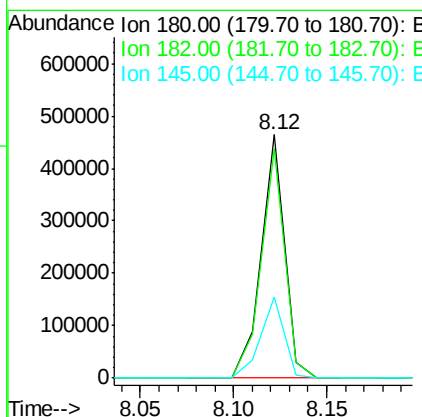
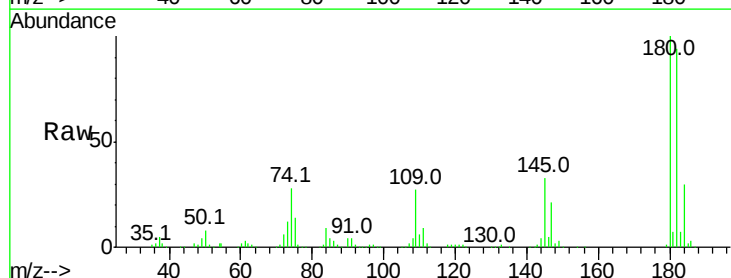
RT: 8.12 min Scan# 528

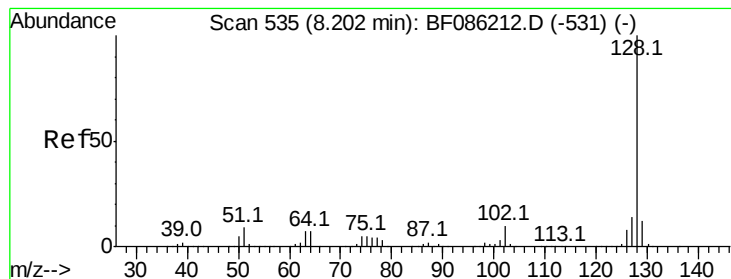
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	399470		
182	94.3	76.3	114.5	
145	33.3	27.4	41.2	





#31

Naphthalene

Concen: 26.59 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1404640

Ion Ratio Lower Upper

128 100

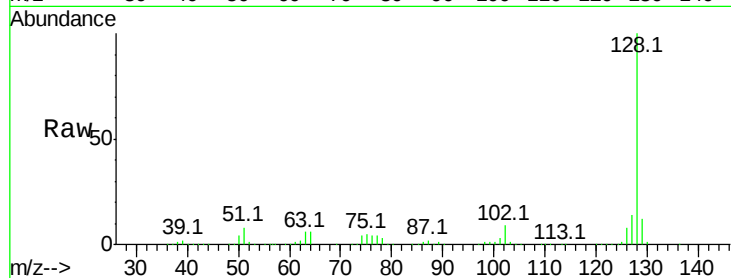
129 11.5 9.6 14.4

127 13.8 11.4 17.2

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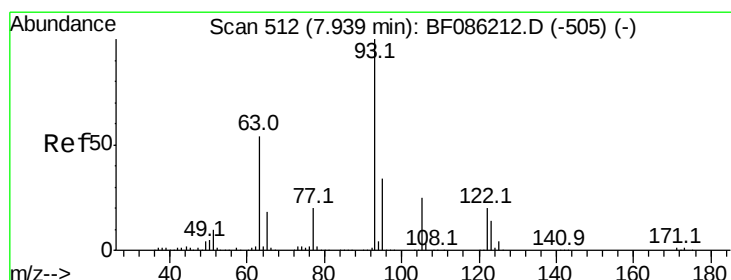
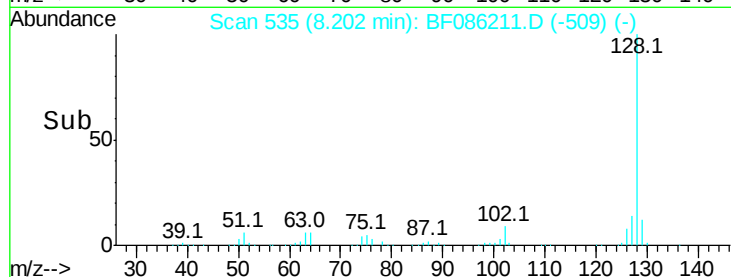
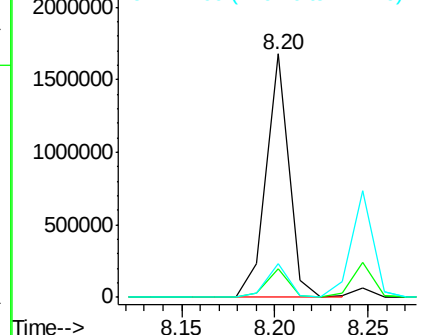
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.57 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

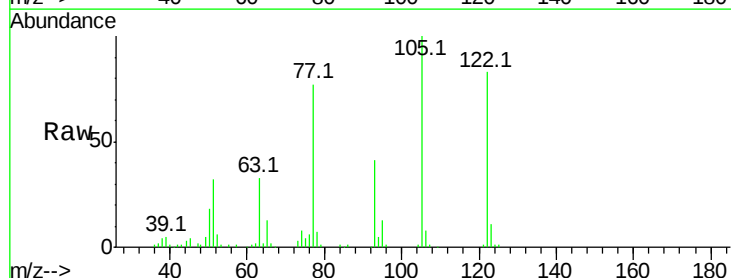
Tgt Ion:122 Resp: 294415

Ion Ratio Lower Upper

122 100

105 120.8 103.7 143.7

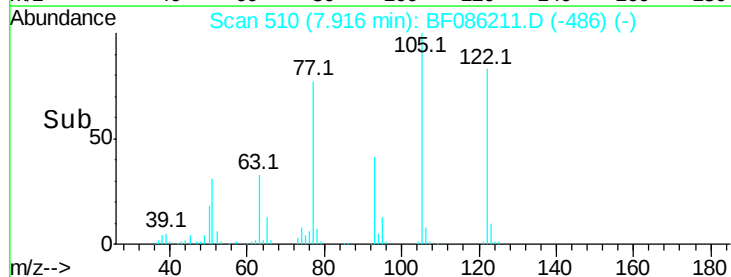
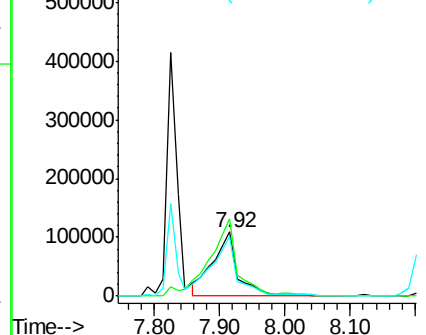
77 92.8 74.9 114.9

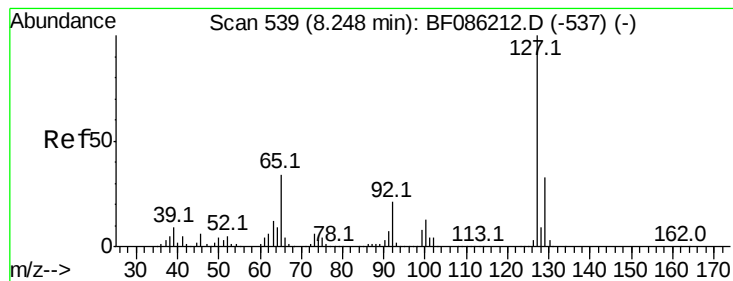


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





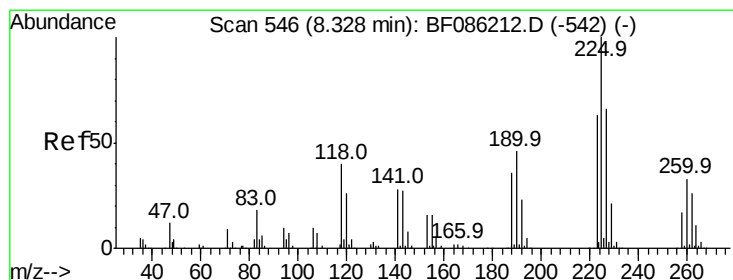
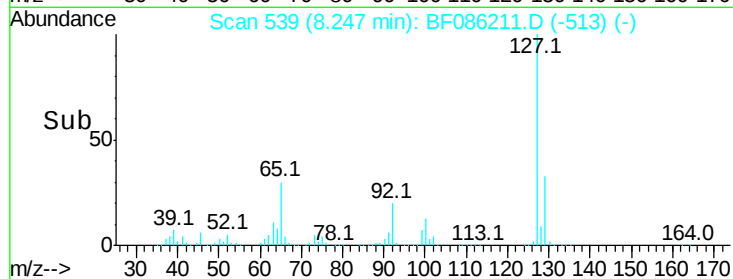
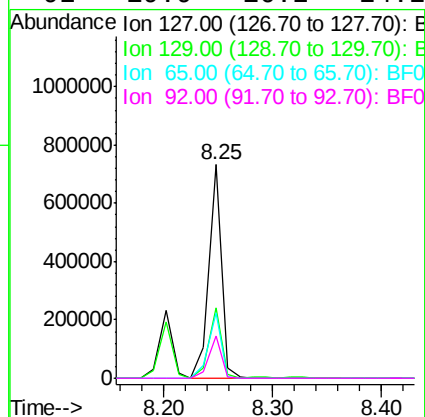
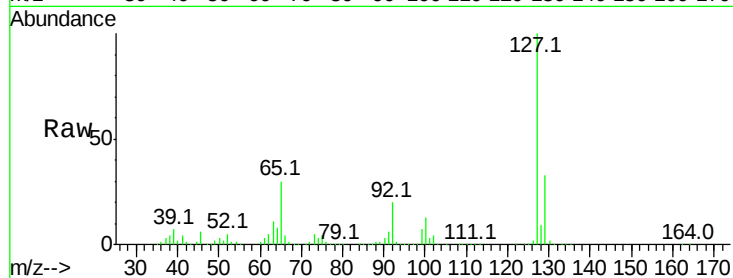
#33
4-Chloroaniline
Concen: 27.94 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.8	40.2	
65	30.5	27.1	40.7	
92	19.9	16.2	24.2	

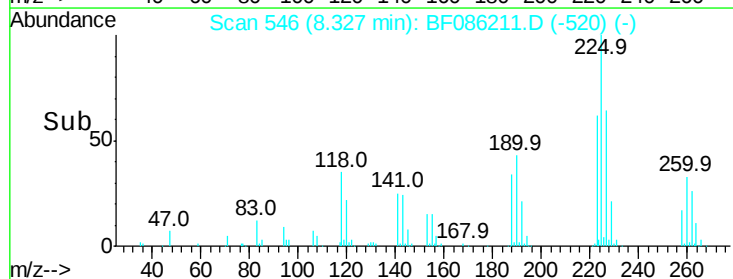
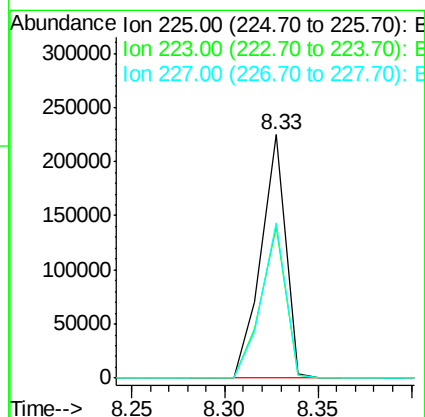
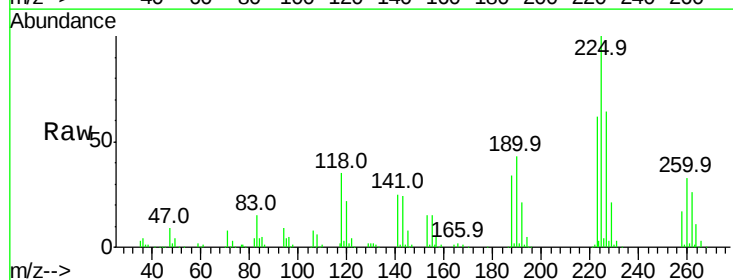
Manual Integrations
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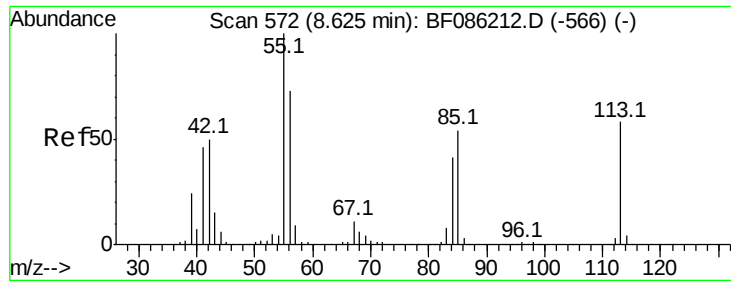
Sohil
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#34
Hexachlorobutadiene
Concen: 24.72 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	49.4	74.0	
227	63.5	51.1	76.7	





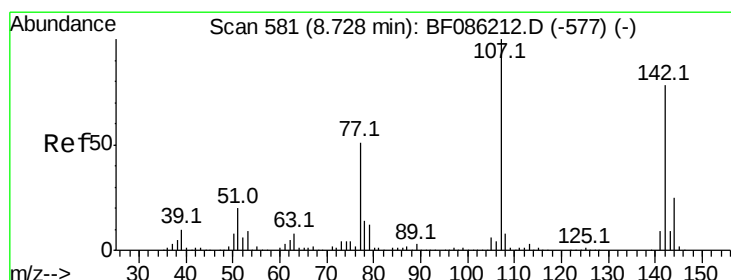
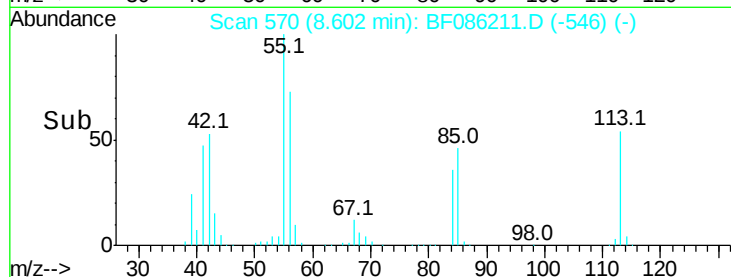
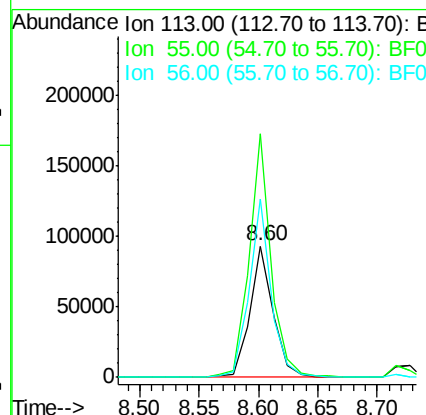
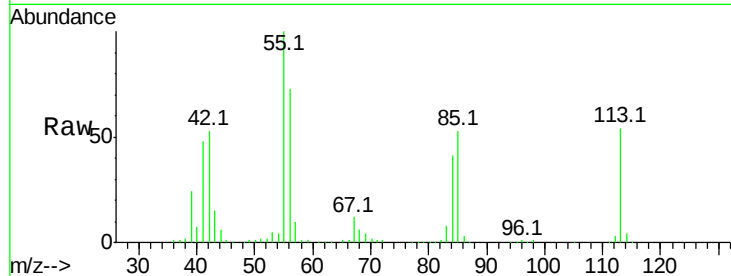
#35
 Caprolactam
 Concen: 26.65 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.5	117.5	157.5#
56	136.1	82.5	122.5#

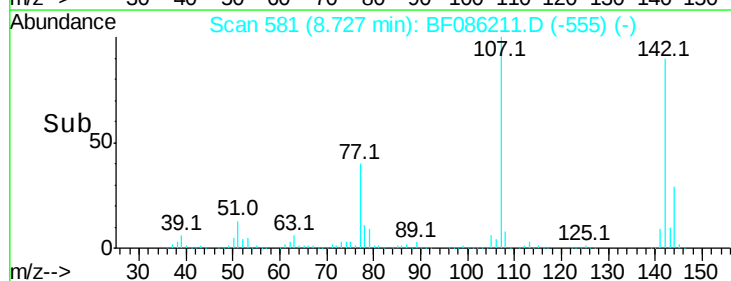
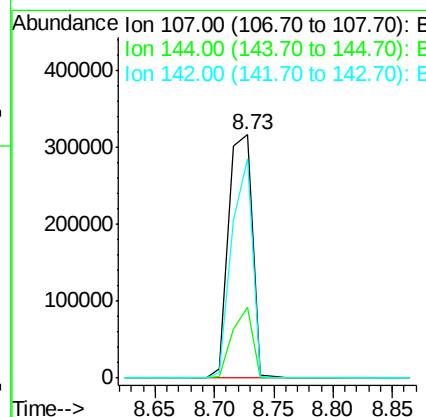
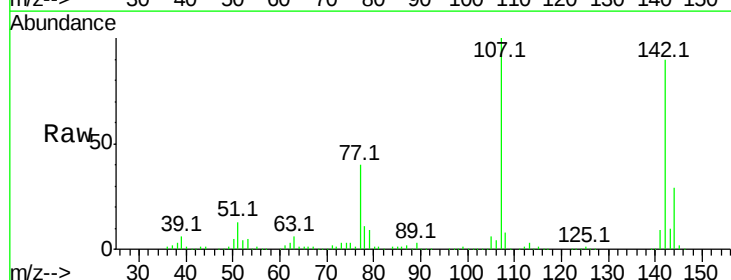
Manual Integrations
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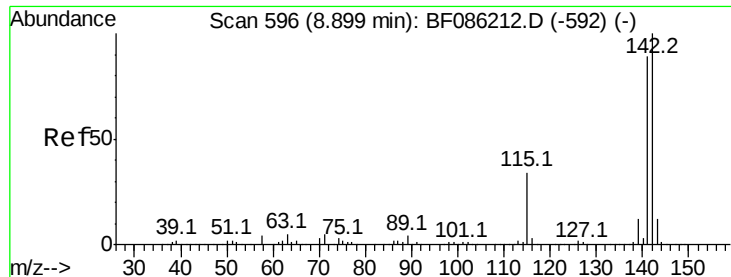
Sohil
 4/18/2016 7:24:43 PM



#36
 4-Chloro-3-methylphenol
 Concen: 27.02 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.3	20.7	31.1
142	89.8	64.5	96.7





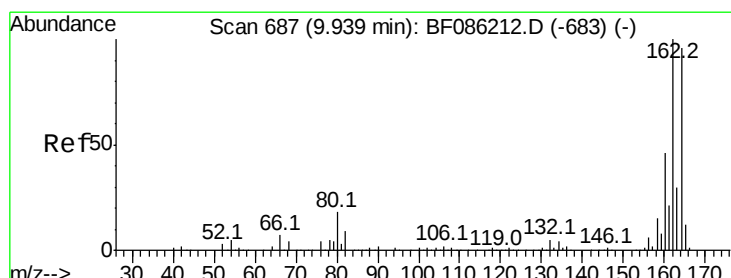
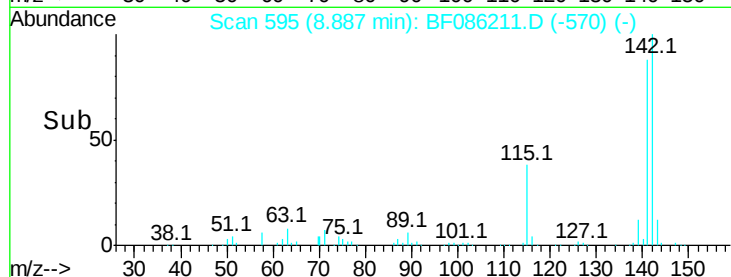
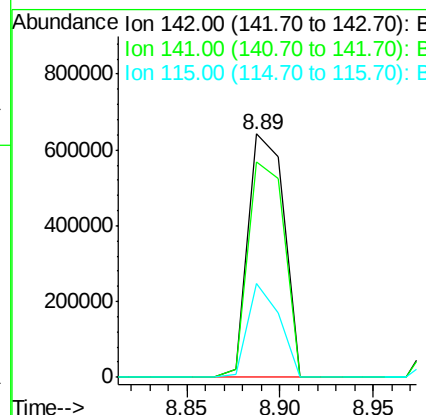
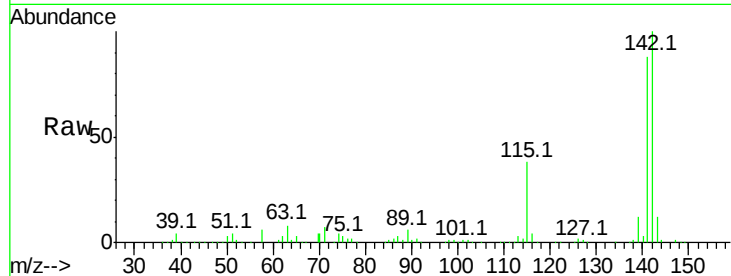
#37
2-Methylnaphthalene
Concen: 25.17 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	38.5	25.1	37.7#

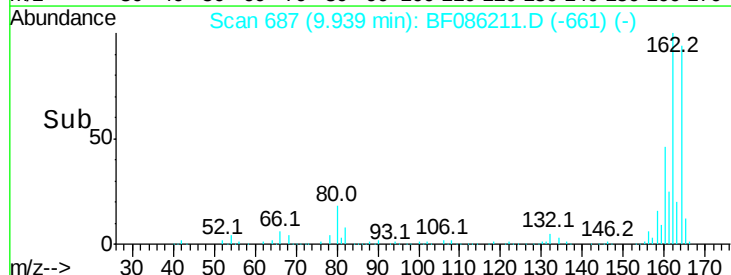
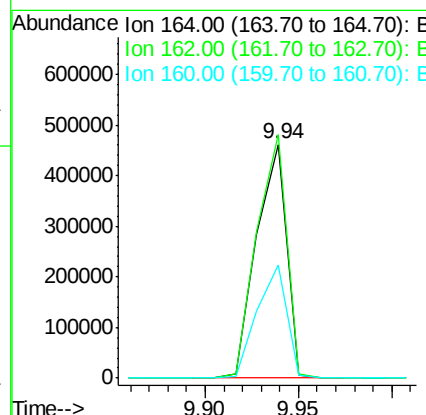
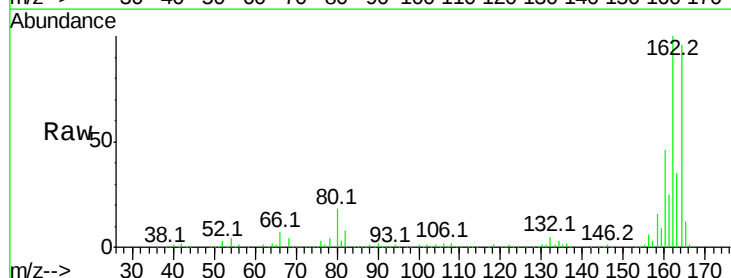
Manual Integrations
APPROVED

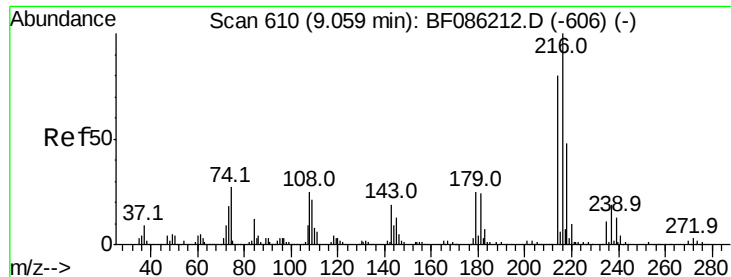
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	48.2	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.96 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

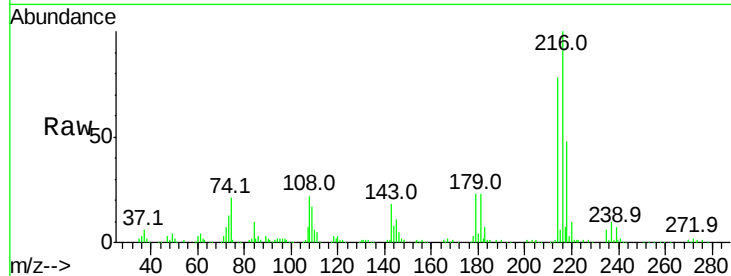
ClientSampleId :

SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
339099	216	100			
	214	78.7		64.9	97.3
	179	23.5		19.8	29.6
	108	25.3		21.0	31.4

Manual Integrations
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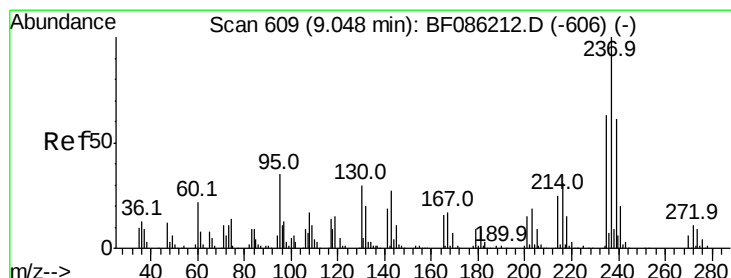
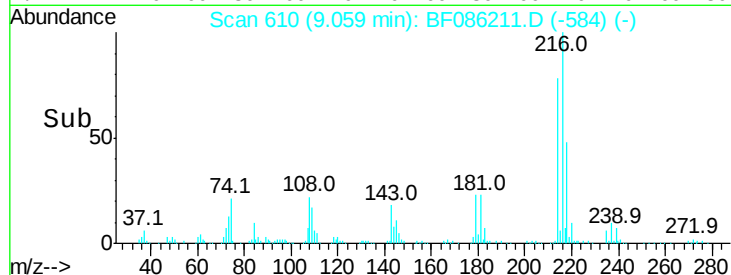
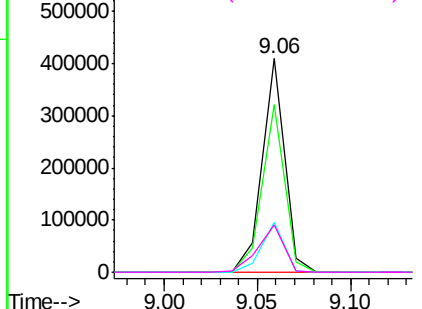


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 22.41 ng

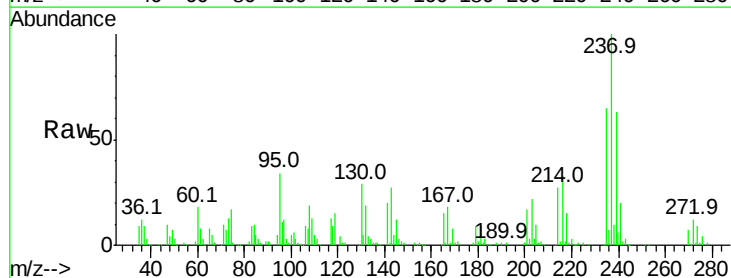
RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

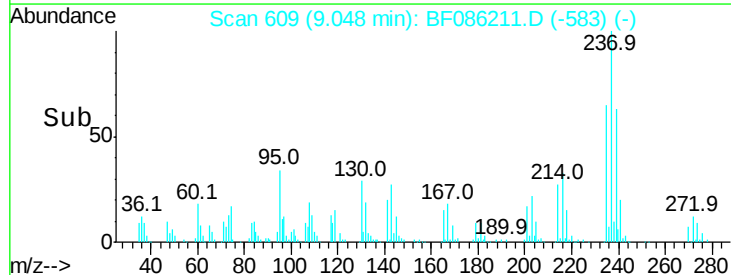
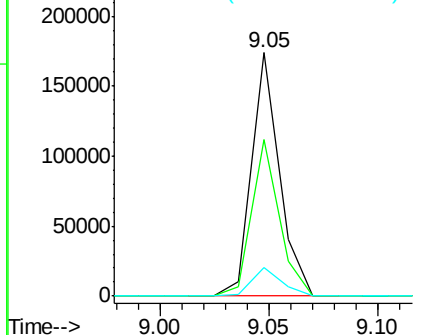
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154459	237	100			
	235	64.6		44.0	84.0
	272	11.7		0.0	32.4

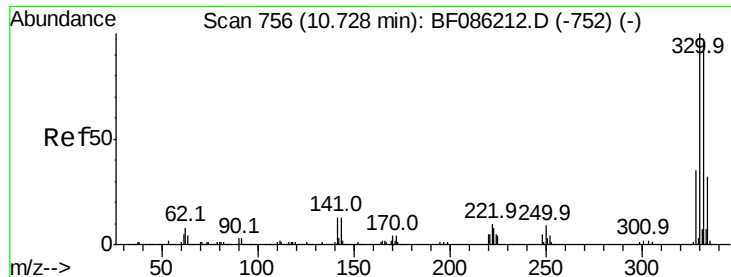


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 22.66 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampled :

SSTDIC025

Tot Ion:330 Resp: 207087
Ion Ratio Lower Upper

330 100

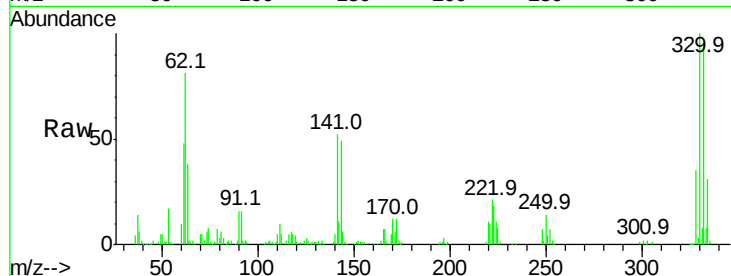
332 94.9 78.7 118.1

141 45.9 28.6 42.8#

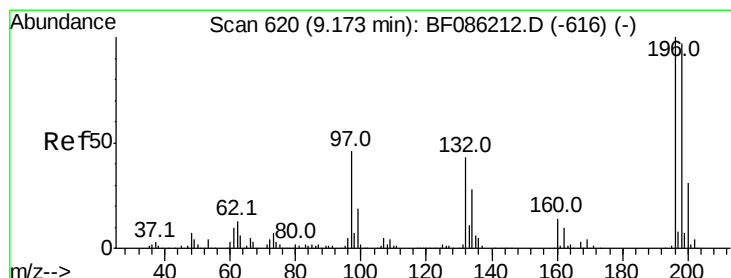
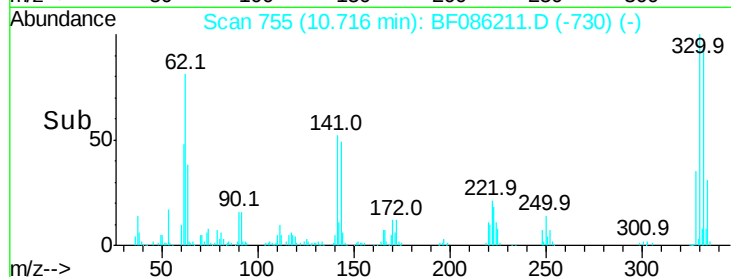
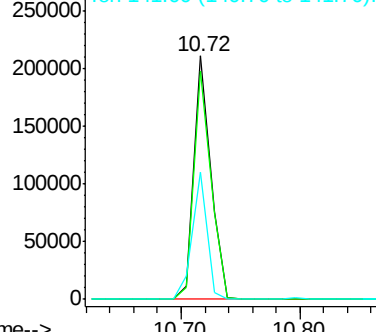
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 24.35 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF086211.D

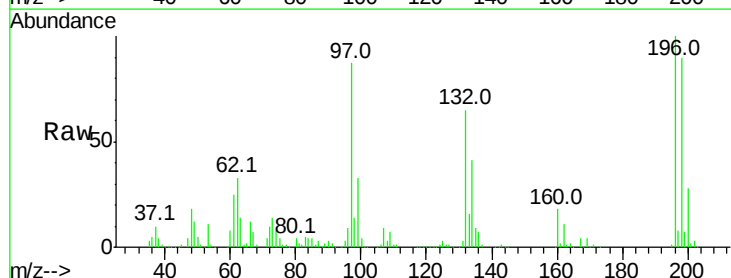
Acq: 15 Apr 2016 12:30

Tgt Ion:196 Resp: 254834
Ion Ratio Lower Upper

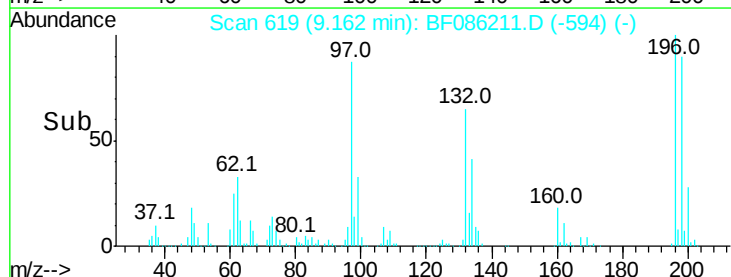
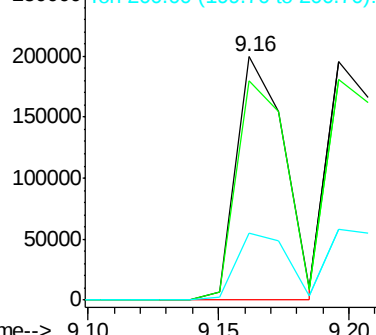
196 100

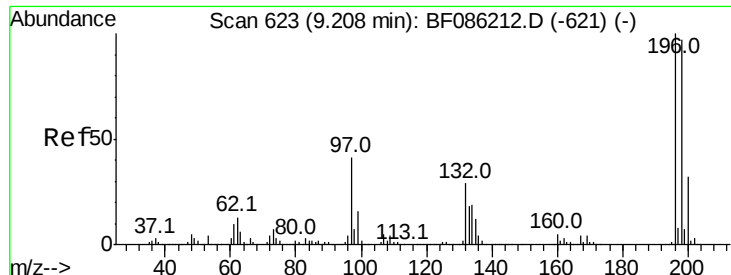
198 90.1 76.6 115.0

200 27.8 25.3 37.9



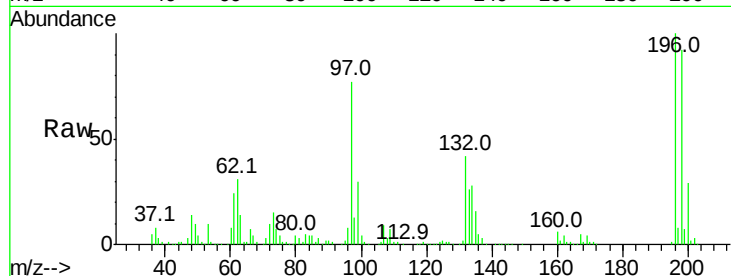
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 24.36 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

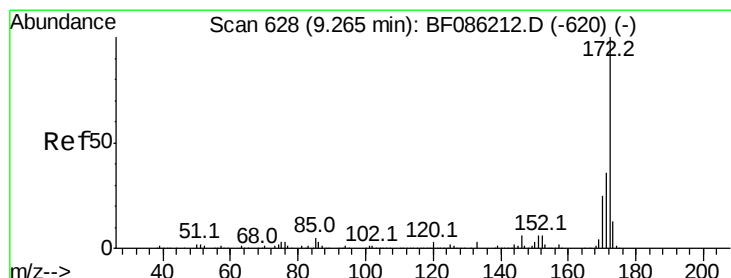
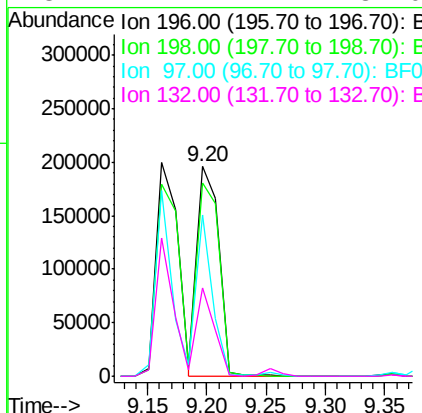
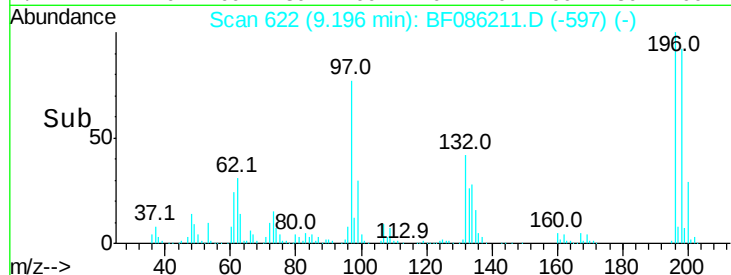
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025



Tot Ion	Ratio	Resp	Lower	Upper
196	100	253897		
198	92.4	77.7	116.5	
97	76.8	32.6	48.8	
132	42.1	21.4	32.0	

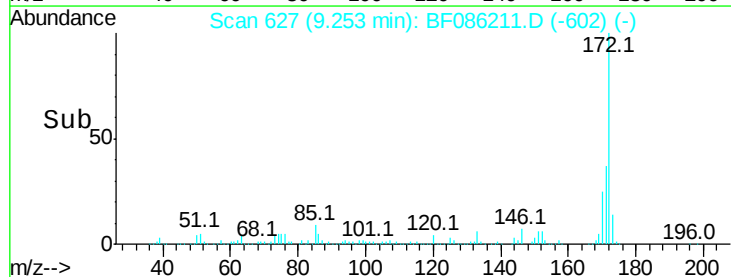
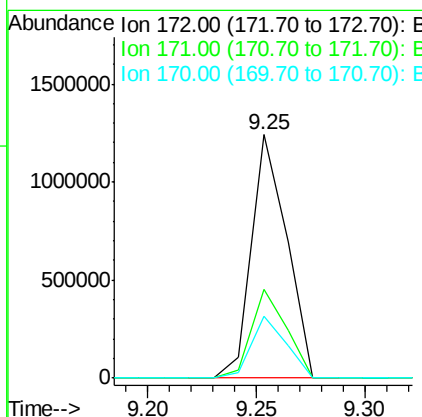
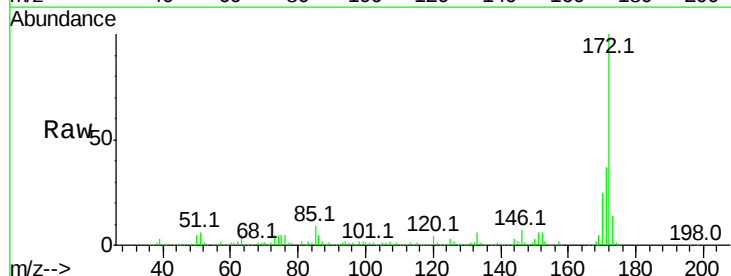
Manual Integrations
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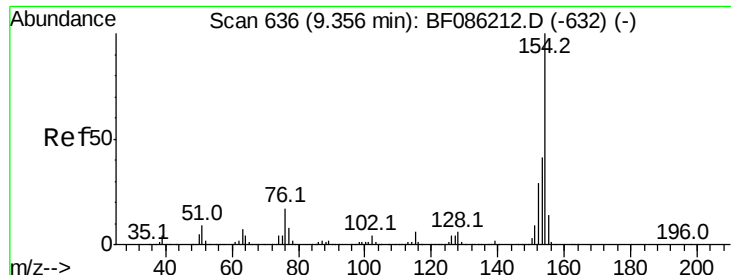
Sohil
 4/18/2016 7:24:43 PM



#44
 2-Fluorobiphenyl
 Concen: 21.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1401067		
171	36.6	29.1	43.7	
170	25.2	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 24.47 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

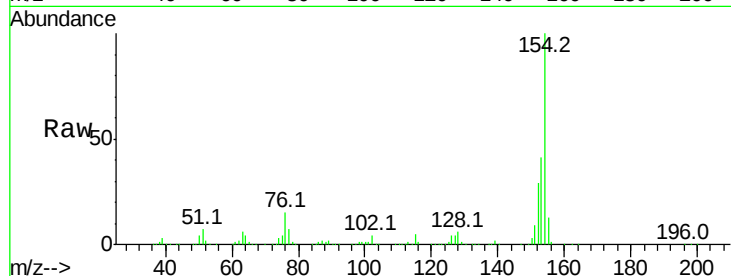
ClientSampleId :

SSTDIC025

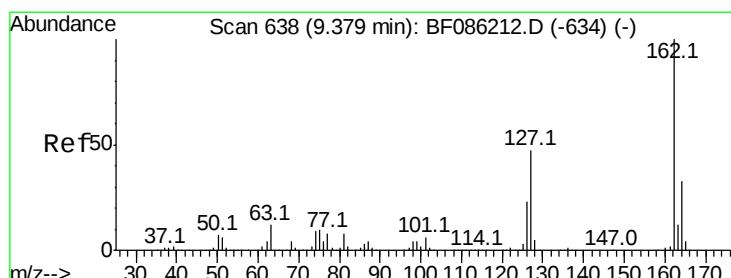
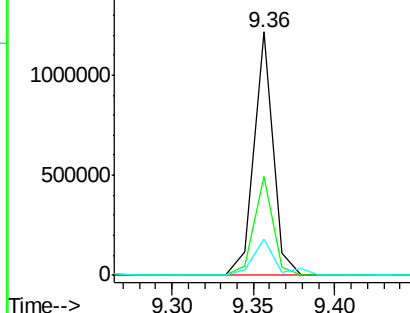
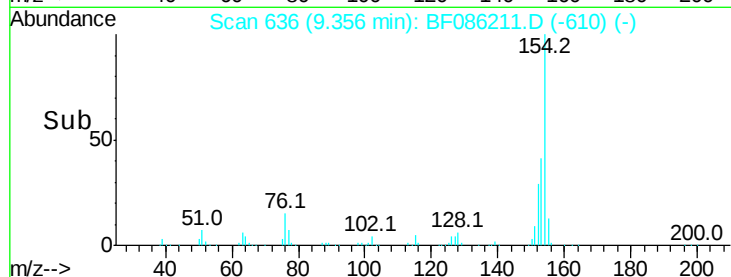
Tot Ion:	154	Resp:	993491
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	14.9	0.0	36.4

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



#46

2-Chloronaphthalene

Concen: 24.00 ng

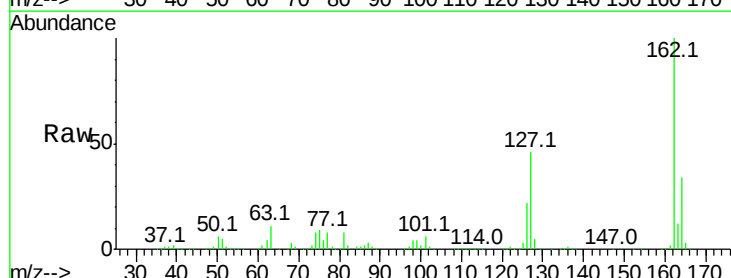
RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

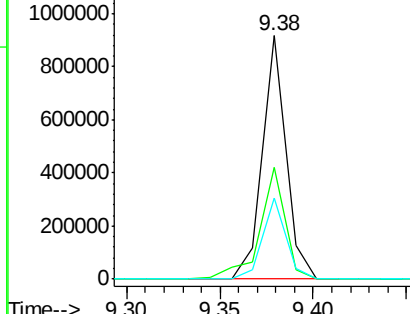
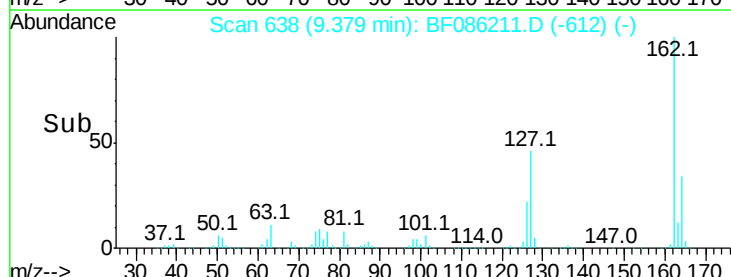
Lab File: BF086211.D

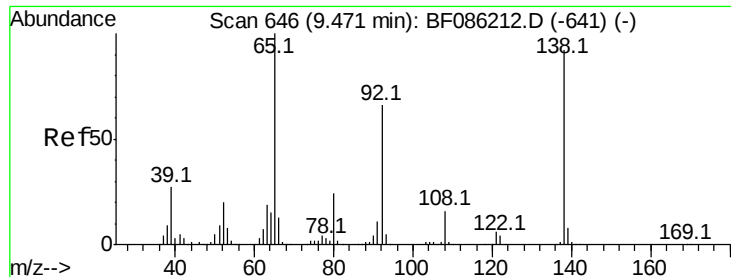
Acq: 15 Apr 2016 12:30

Tgt Ion:	162	Resp:	797120
Ion Ratio	Lower	Upper	
162	100		
127	45.9	36.7	55.1
164	33.5	26.4	39.6



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





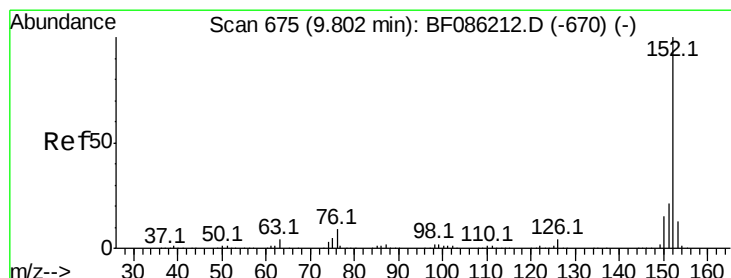
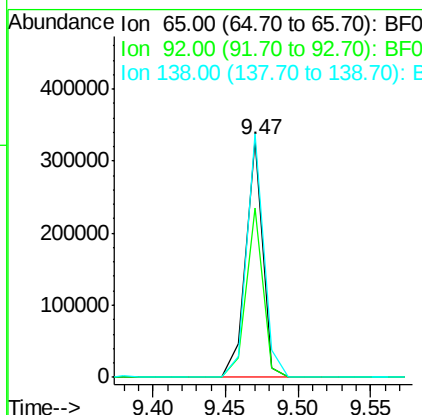
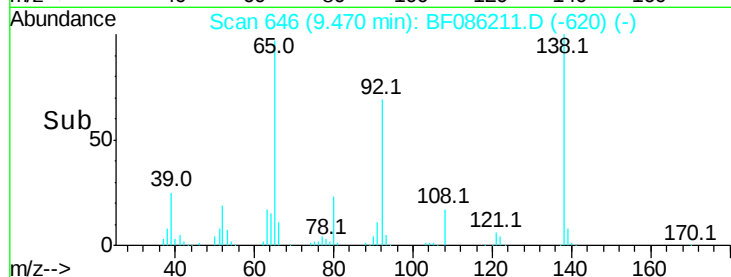
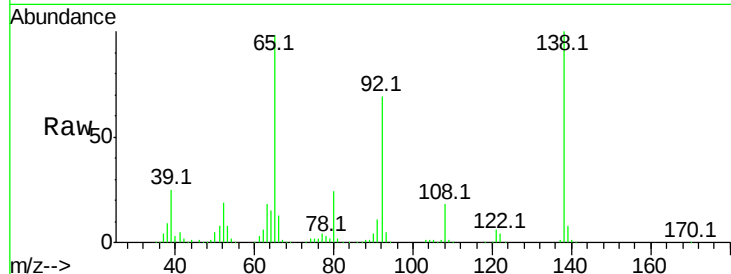
#47
 2-Nitroaniline
 Concen: 28.06 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	65	Resp:	267847
Ion Ratio	Lower	Upper	
65	100		
92	71.1	51.9	77.9
138	102.4	72.6	108.8

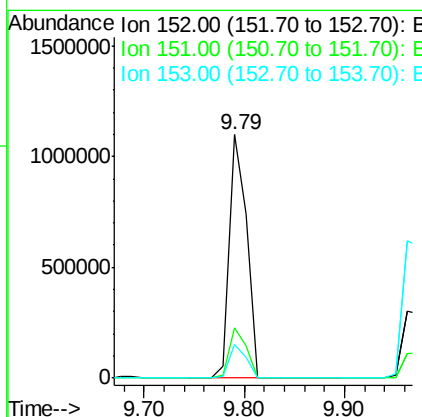
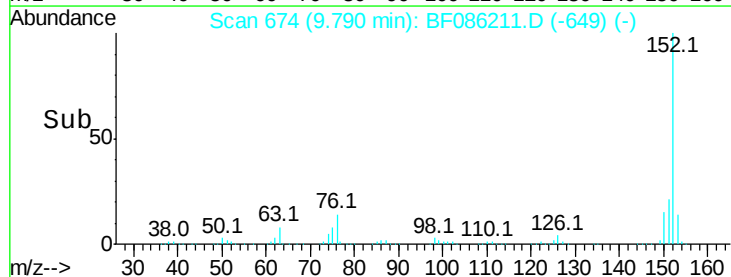
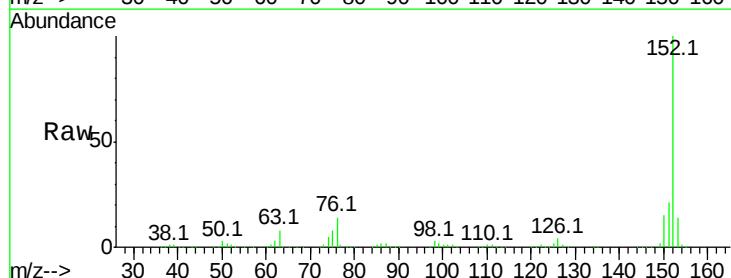
Manual Integrations
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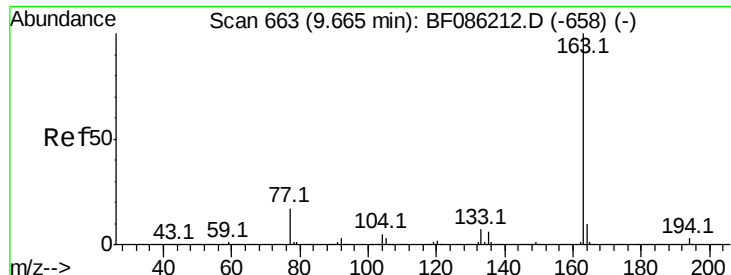
Sohil
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#48
 Acenaphthylene
 Concen: 25.91 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Tgt Ion:	152	Resp:	1306044
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	13.9	10.7	16.1





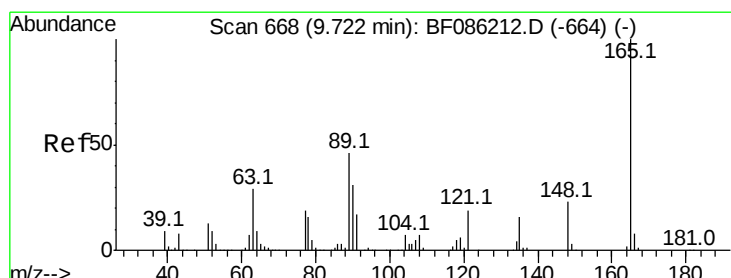
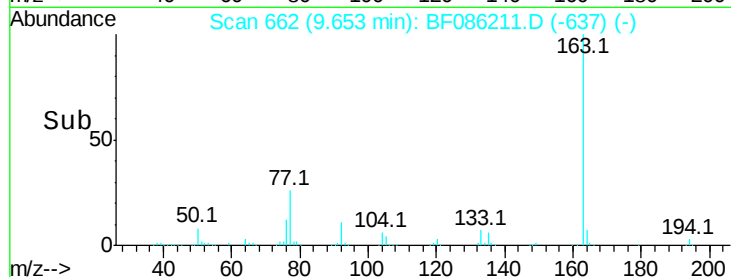
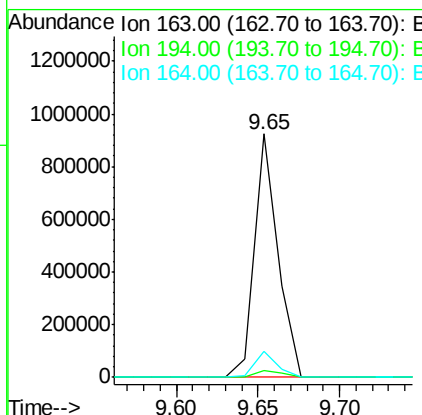
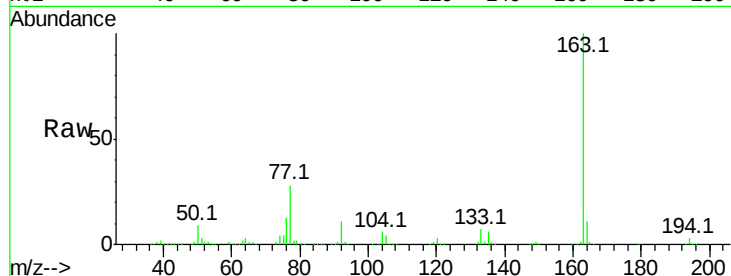
#49
Dimethylphthalate
Concen: 23.83 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	920492		
194	3.0		2.8	4.2
164	10.8		8.4	12.6

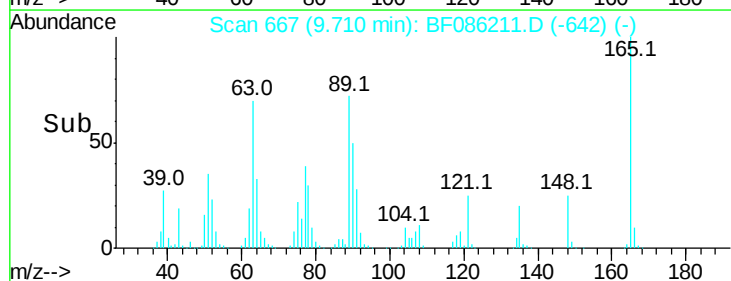
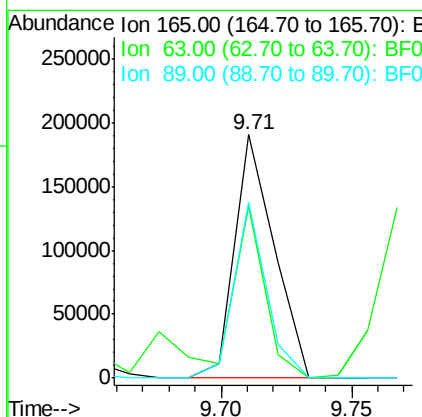
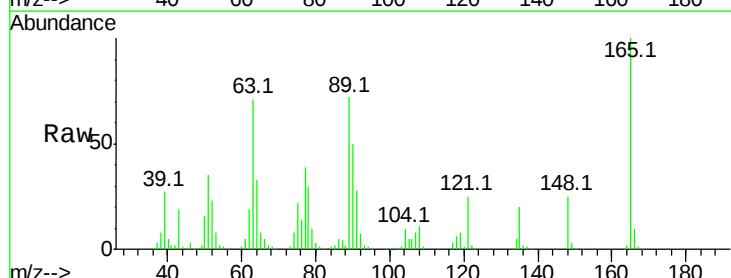
Manual Integrations
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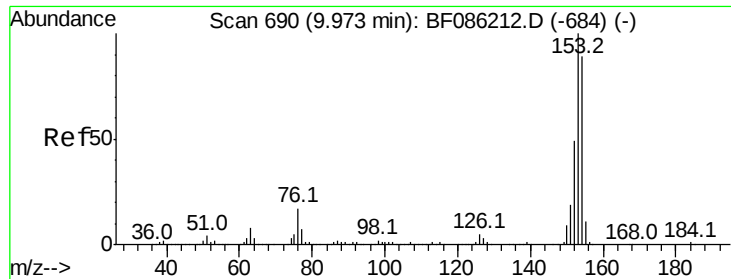
Sohil
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#50
2,6-Dinitrotoluene
Concen: 24.57 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200904		
63	70.8		35.1	52.7#
89	72.4		39.8	59.6#





#51

Acenaphthene

Concen: 23.95 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

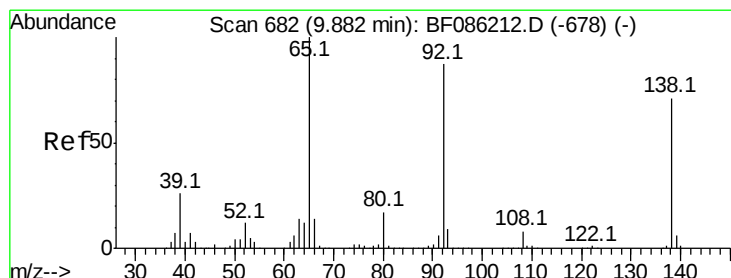
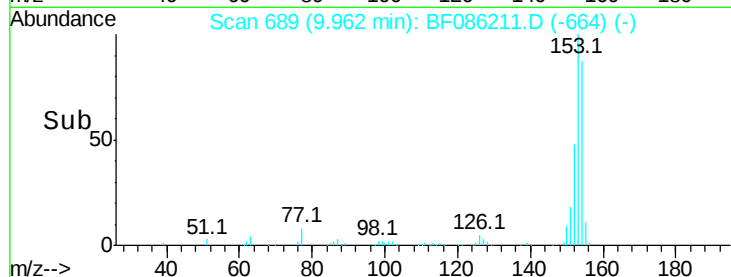
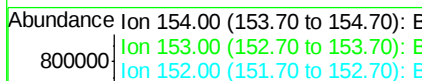
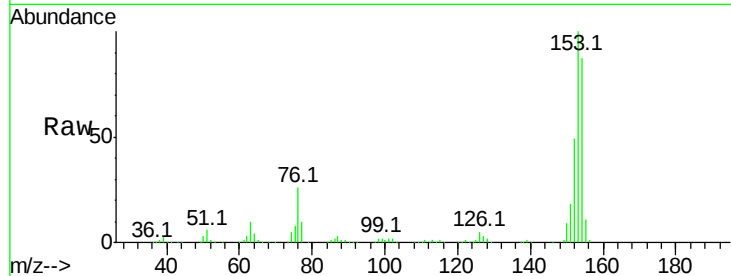
ClientSampleId :

SSTDIC025

Tot Ion:	154	Resp:	784348
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.0	135.0
152	55.9	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 30.46 ng

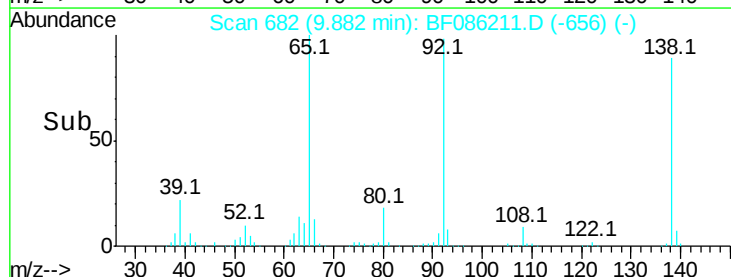
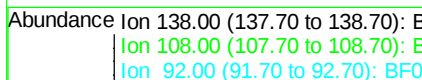
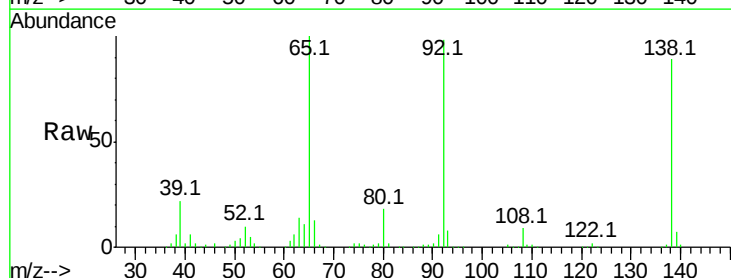
RT: 9.88 min Scan# 682

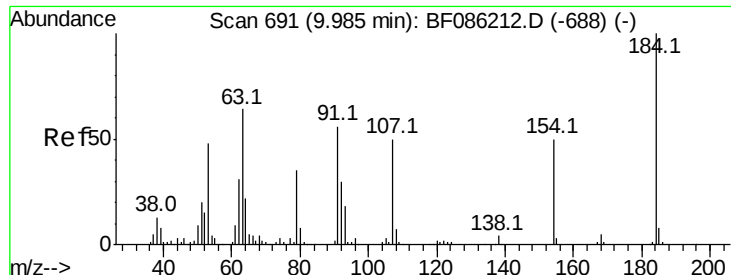
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	138	Resp:	287506
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.0	13.4
92	109.8	99.3	148.9





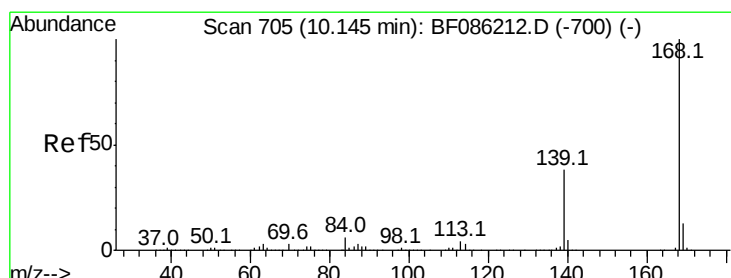
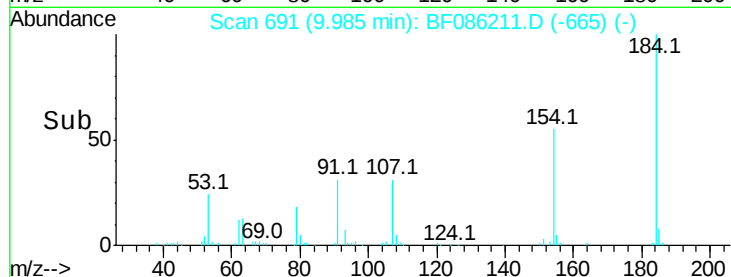
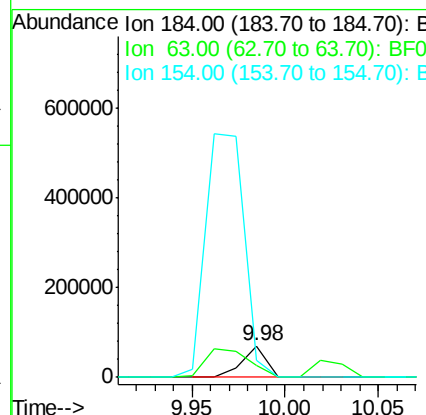
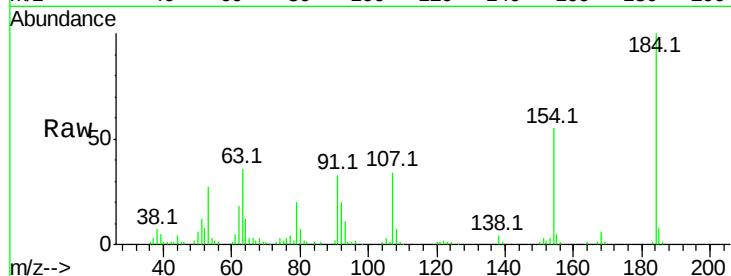
#53
2,4-Dinitrophenol
Concen: 26.96 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
184	100		
63	36.1	64.7	97.1#
154	55.4	59.4	89.2#

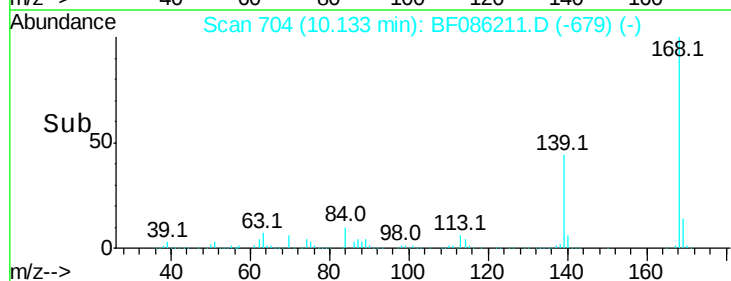
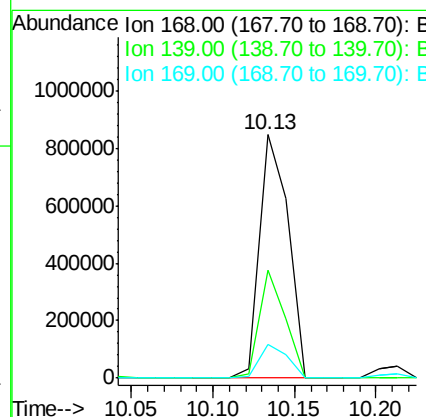
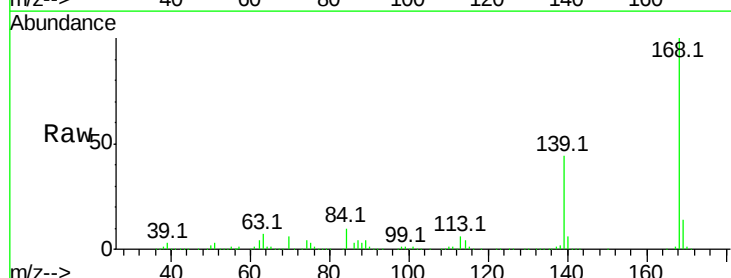
Manual Integrations
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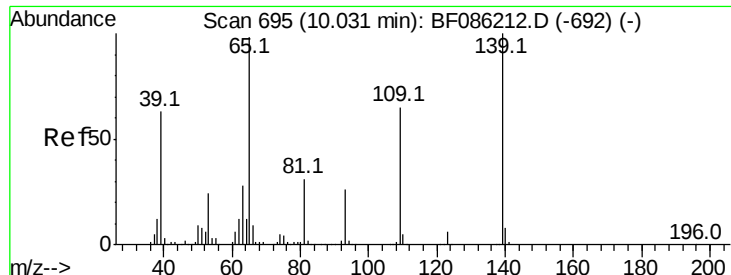
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#54
Dibenzofuran
Concen: 25.68 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.2	29.5	44.3
169	13.9	10.6	16.0





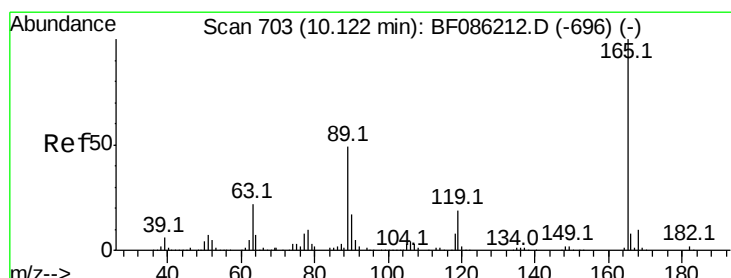
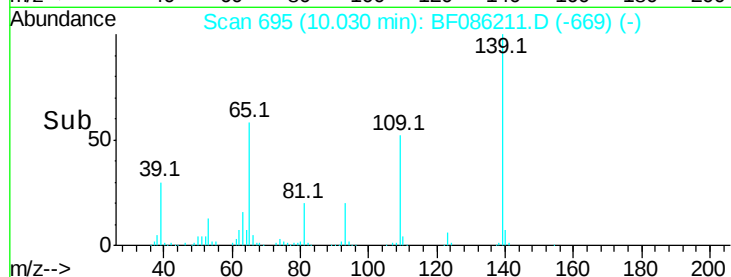
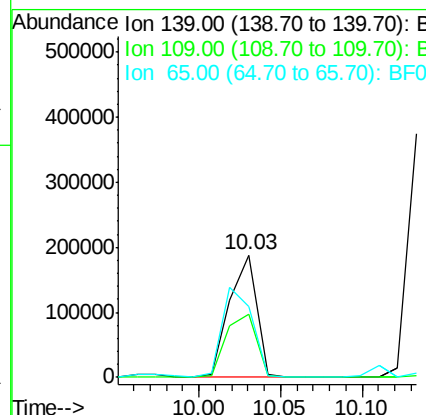
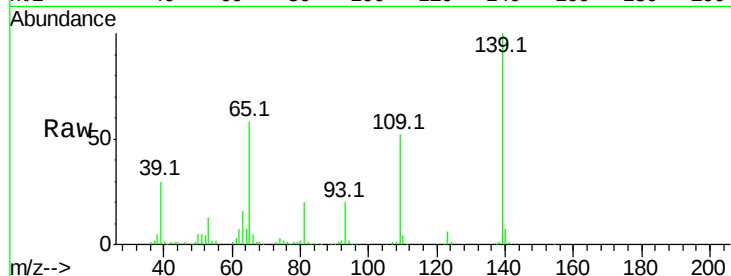
#55
4-Nitrophenol
Concen: 31.63 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.1	55.0	95.0#
65	57.6	87.3	127.3#

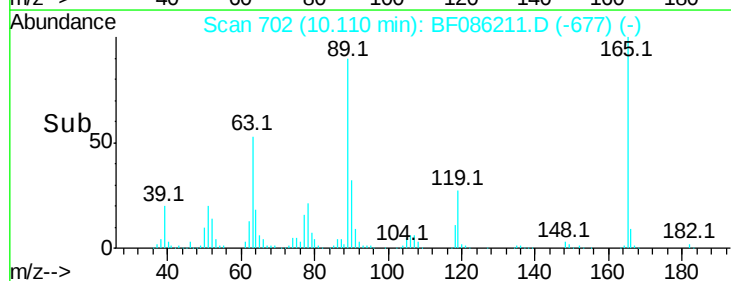
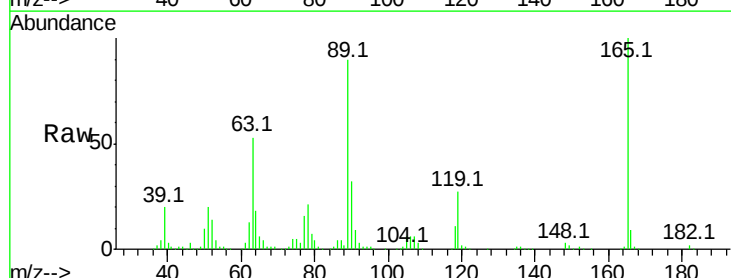
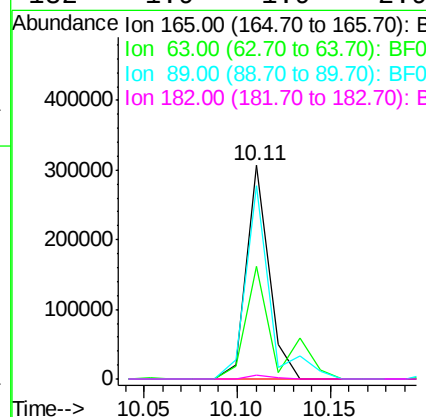
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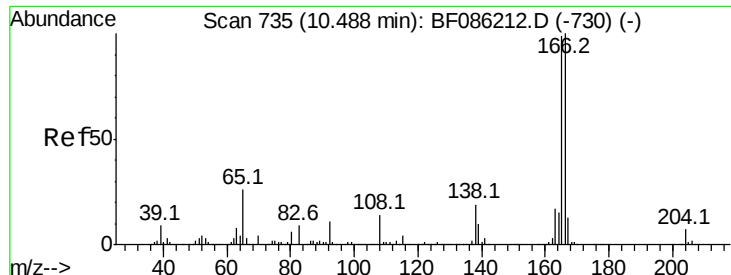
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#56
2,4-Dinitrotoluene
Concen: 24.67 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	26.6	40.0#
89	90.3	49.5	74.3#
182	1.9	1.9	2.9





#57

Fluorene

Concen: 21.75 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:166 Resp: 707722

Ion Ratio Lower Upper

166 100

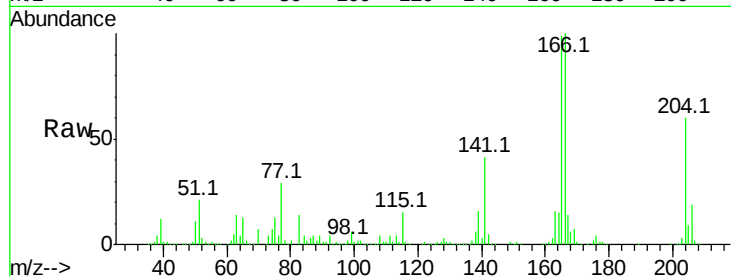
165 98.8 78.6 117.8

167 14.1 10.4 15.6

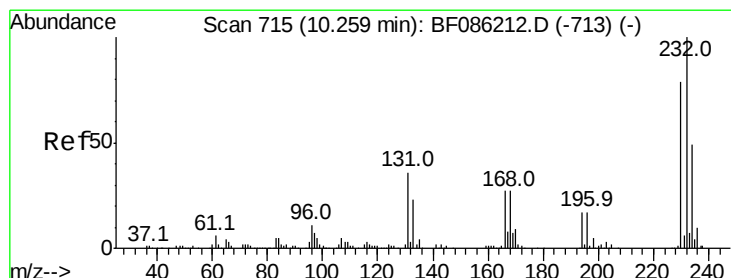
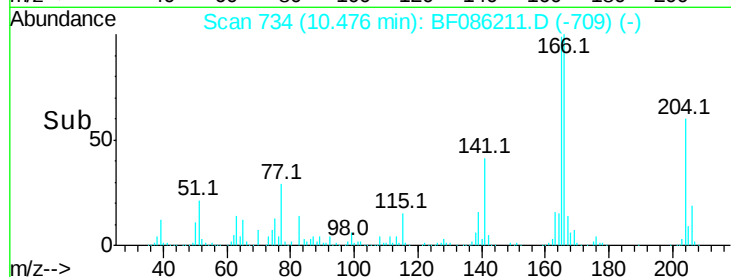
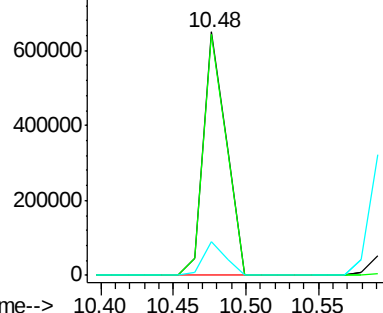
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.97 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:232 Resp: 175427

Ion Ratio Lower Upper

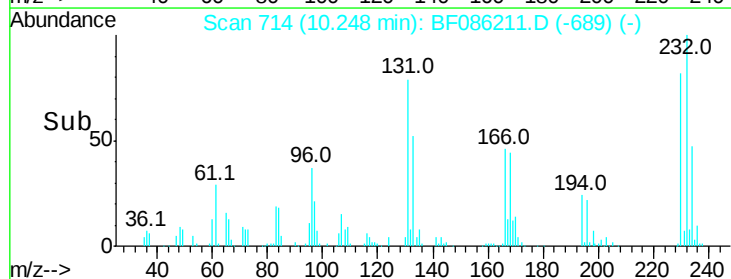
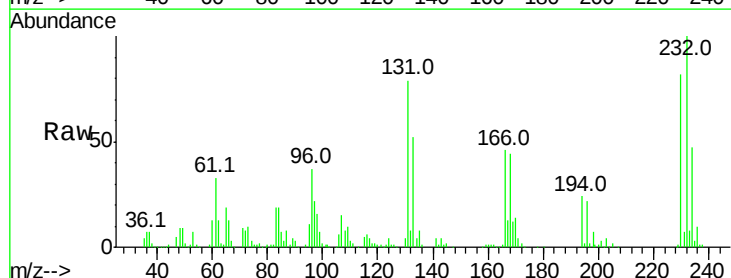
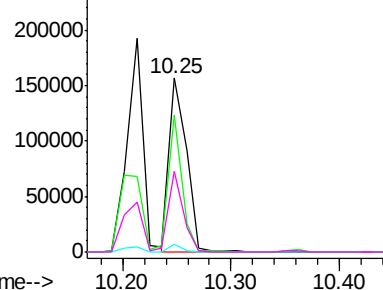
232 100

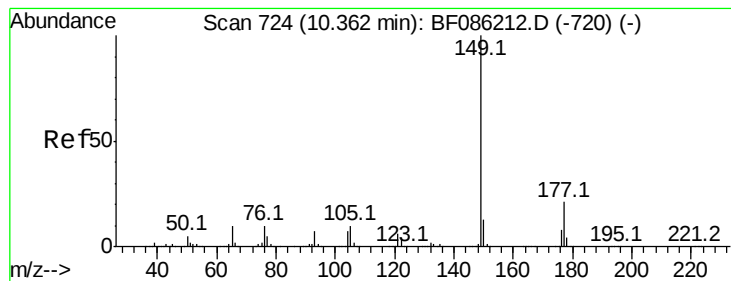
131 62.0 46.6 70.0

130 3.2 2.5 3.7

166 38.7 28.3 42.5

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





#59

Diethylphthalate

Concen: 26.14 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1027245

Ion Ratio Lower Upper

149 100

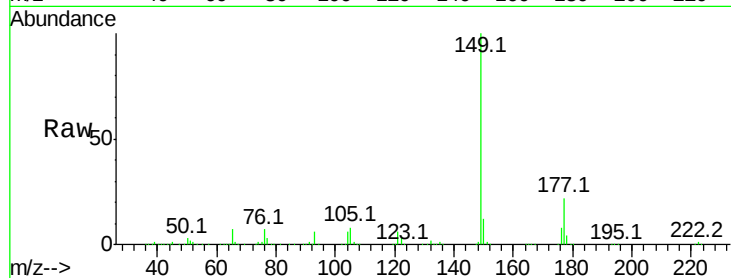
177 21.6 17.0 25.6

150 12.3 10.2 15.4

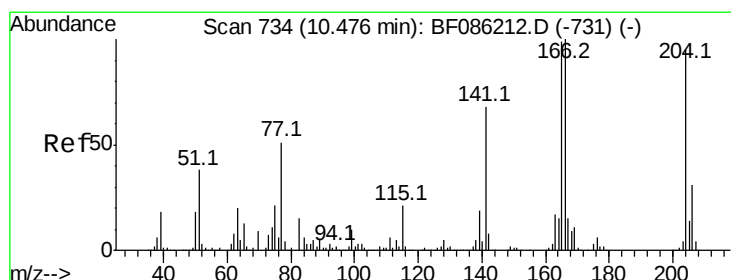
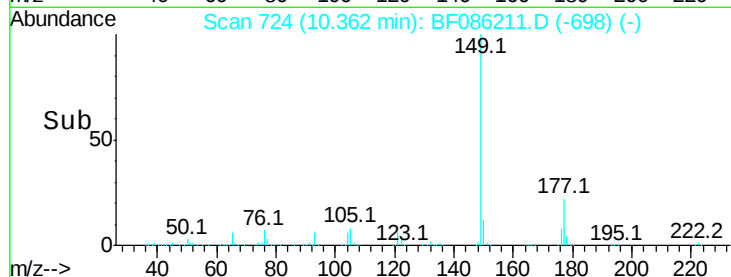
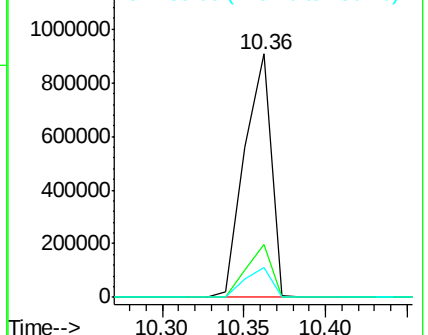
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.05 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

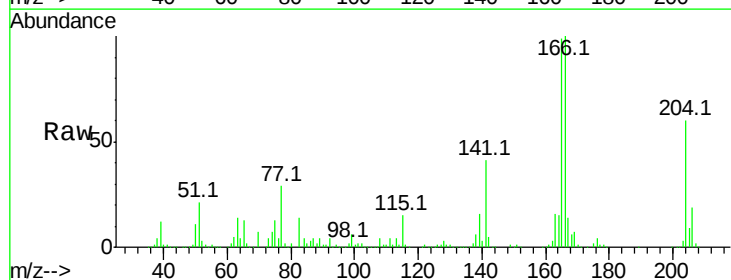
Tgt Ion:204 Resp: 336569

Ion Ratio Lower Upper

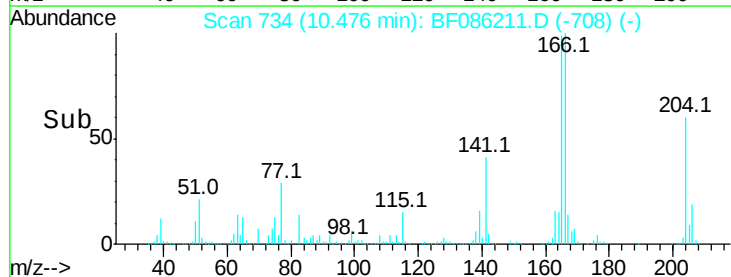
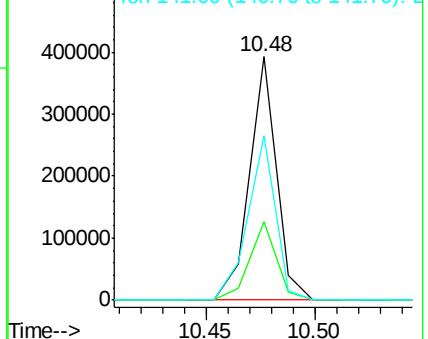
204 100

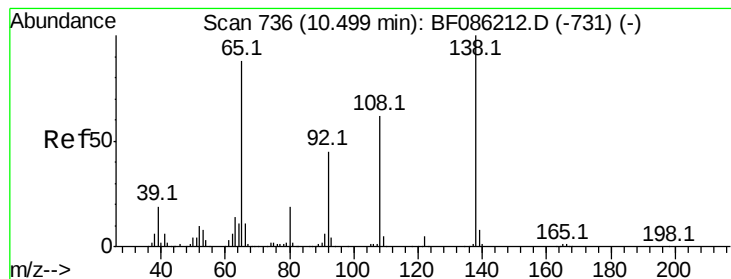
206 32.1 26.2 39.2

141 67.6 55.4 83.0



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





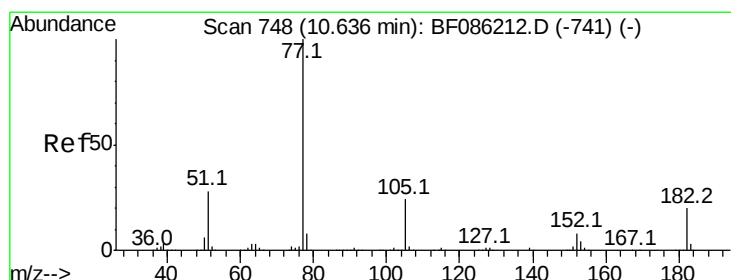
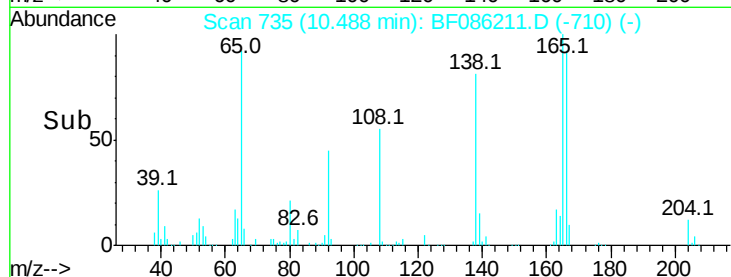
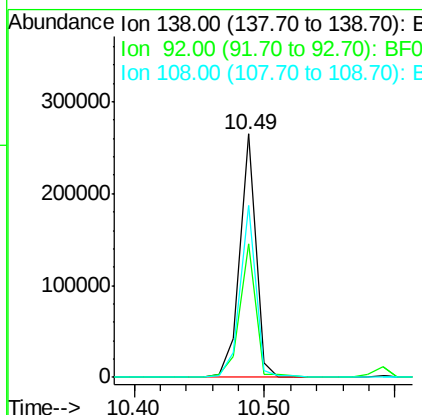
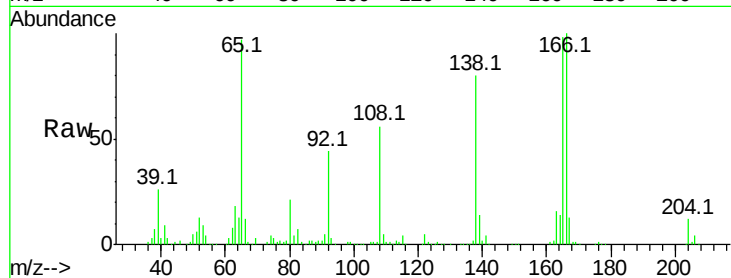
#61
4-Nitroaniline
Concen: 25.33 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	31.9	71.9
108	70.9	58.7	98.7

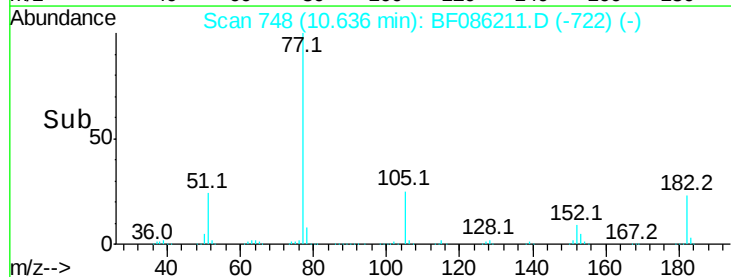
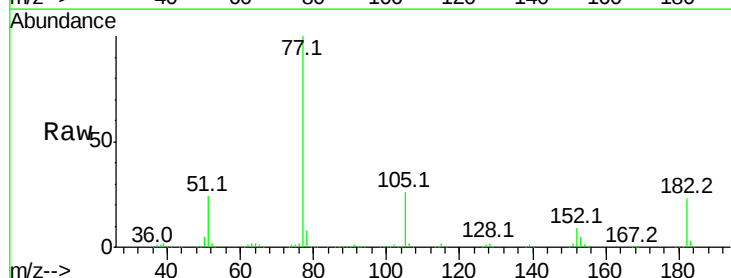
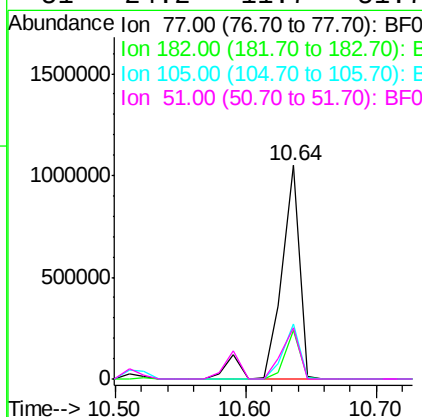
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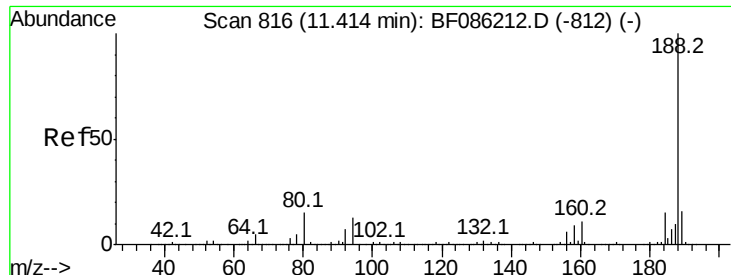
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#62
Azobenzene
Concen: 27.44 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	2.3	42.3
105	25.6	3.4	43.4
51	24.2	11.7	51.7





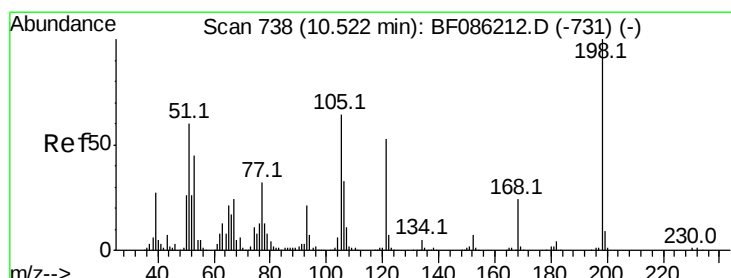
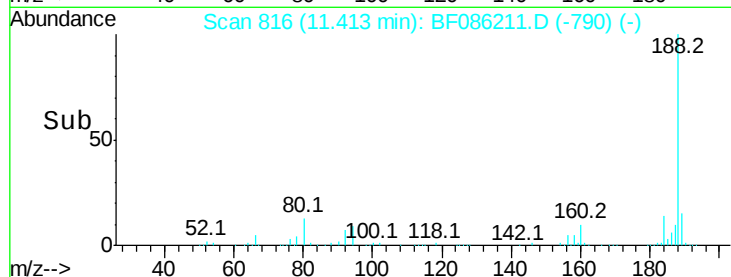
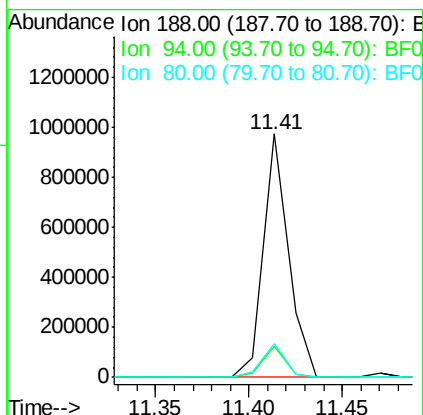
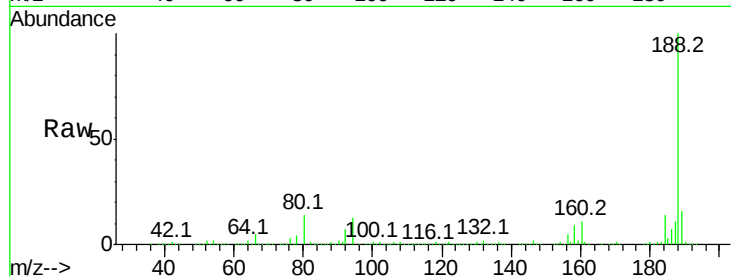
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	9.8	14.8
80	13.7	10.5	15.7

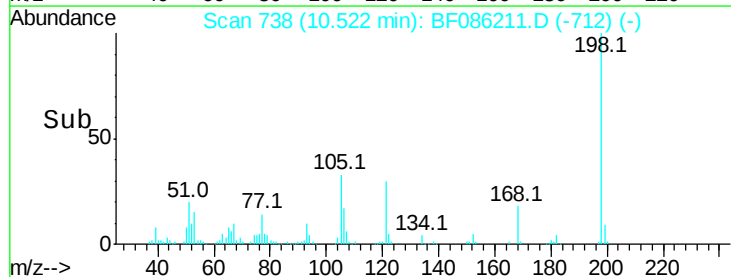
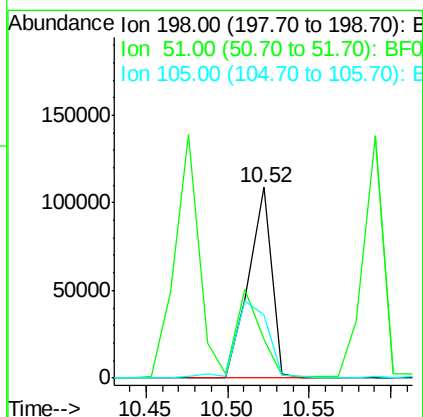
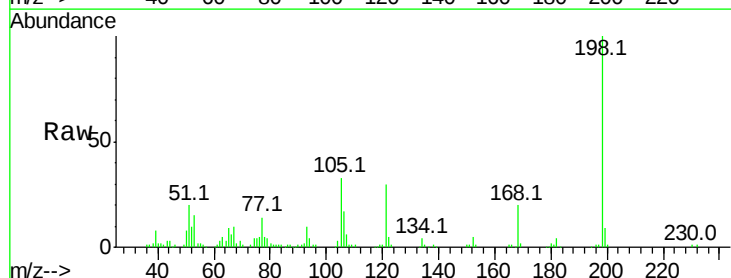
Manual Integrations
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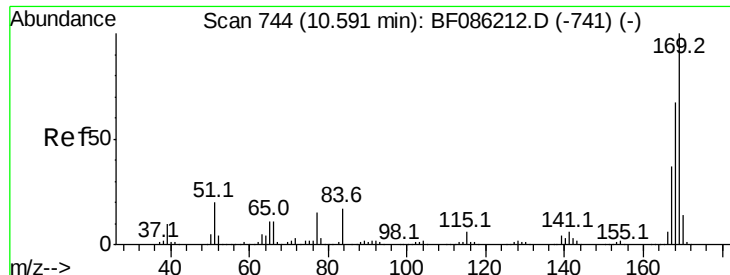
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.14 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	20.1	56.5	96.5#
105	32.9	48.0	88.0#





#65

n-Nitrosodiphenylamine

Concen: 25.65 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

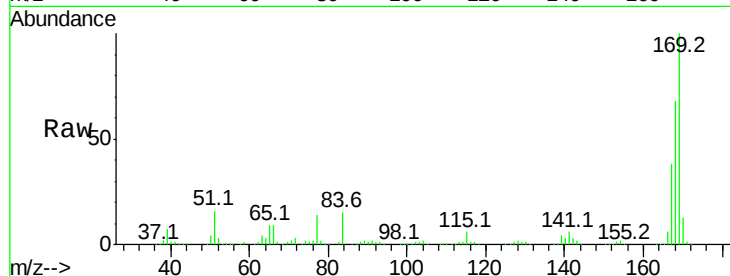
ClientSampleId :

SSTDIC025

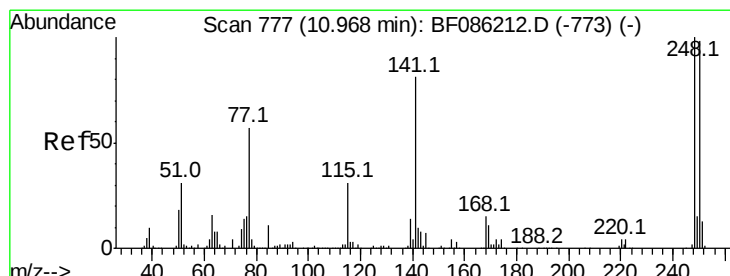
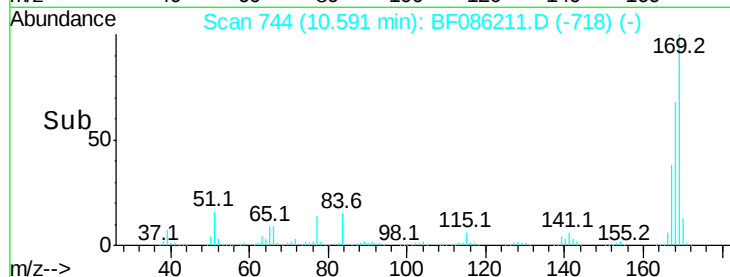
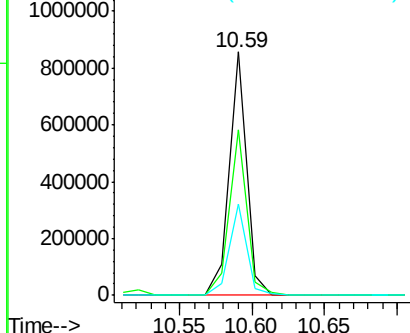
Tot Ion:	169	Resp:	713123
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.3	81.5
167	37.6	30.2	45.2

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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: 26.09 ng

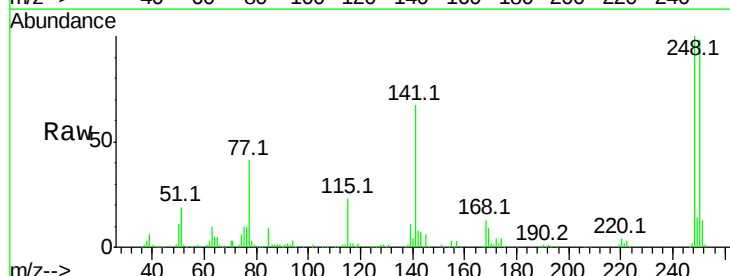
RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

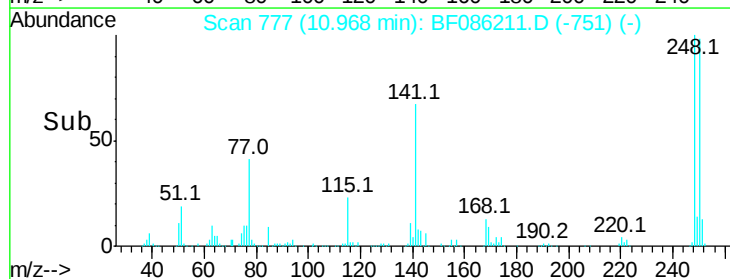
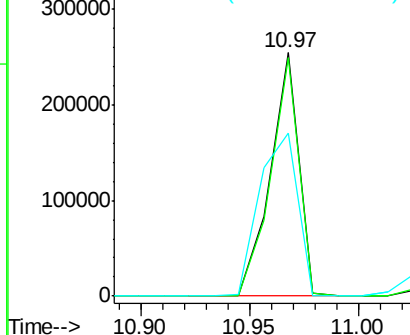
Lab File: BF086211.D

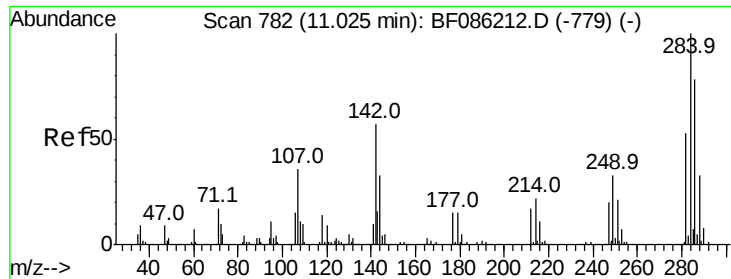
Acq: 15 Apr 2016 12:30

Tgt Ion:	248	Resp:	234751
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.6	118.0
141	66.8	57.9	86.9



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





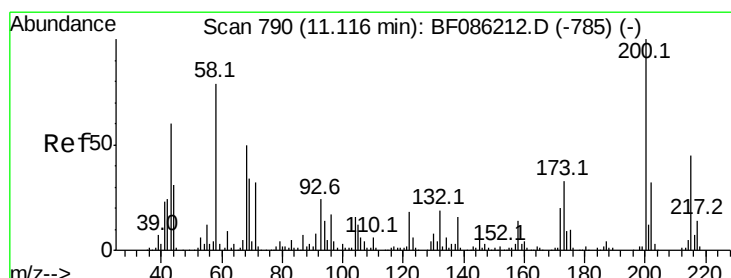
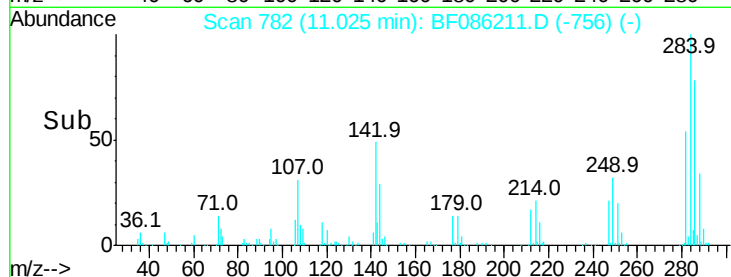
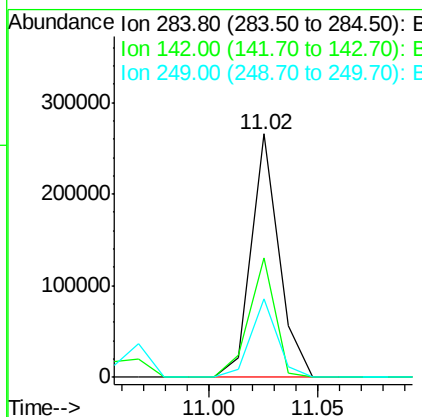
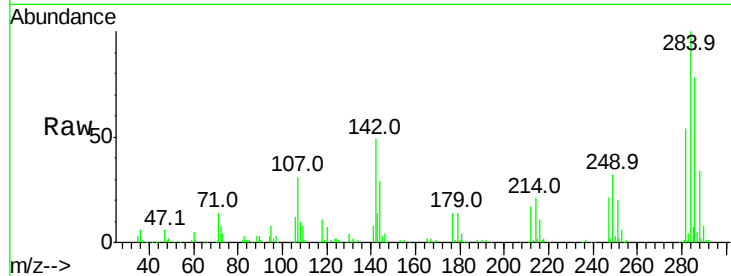
#67
Hexachlorobenzene
Concen: 23.26 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
284	100	235321		
142	49.0	42.6	64.0	
249	32.1	25.9	38.9	

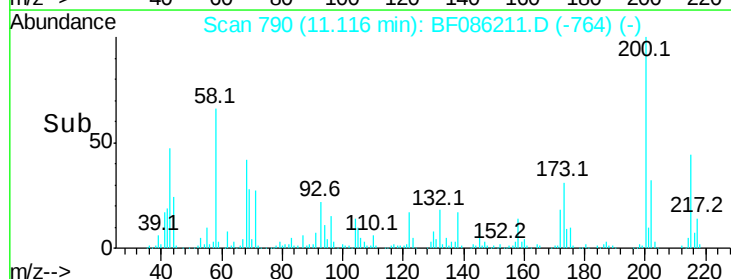
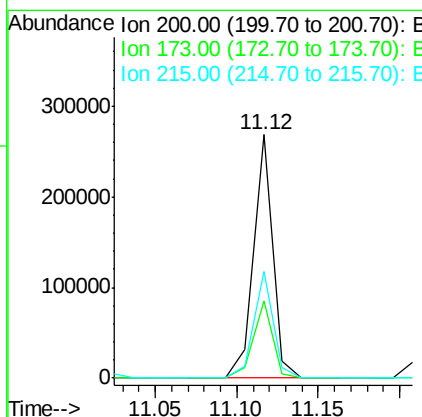
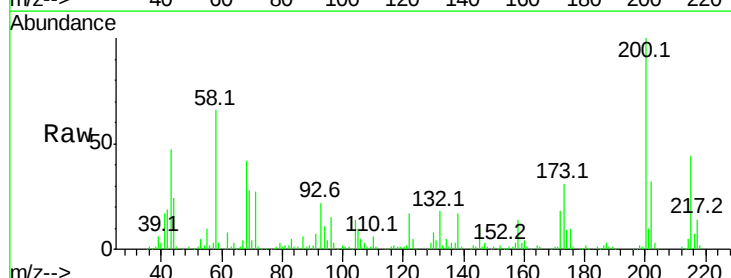
Manual Integrations
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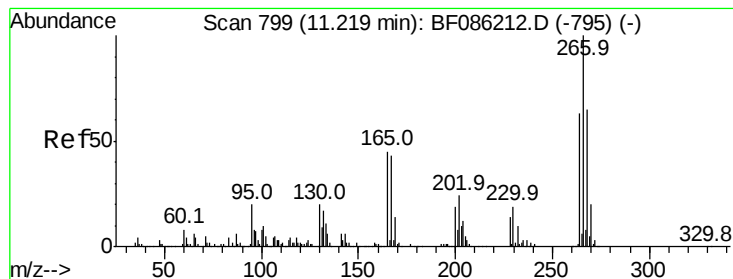
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#68
Atrazine
Concen: 26.72 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	219589		
173	31.5	11.2	51.2	
215	43.8	24.0	64.0	





#69

Pentachlorophenol

Concen: 28.99 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

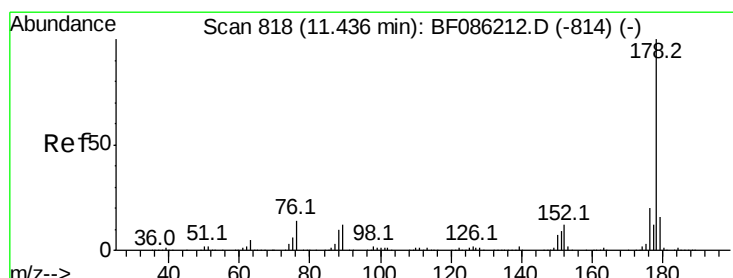
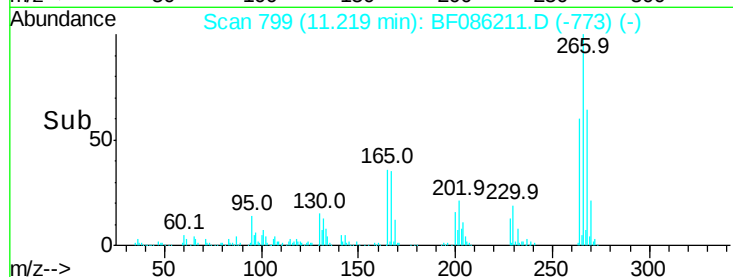
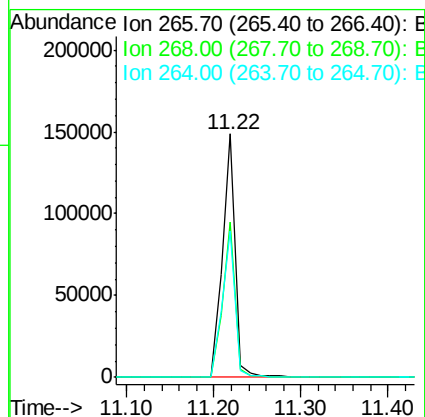
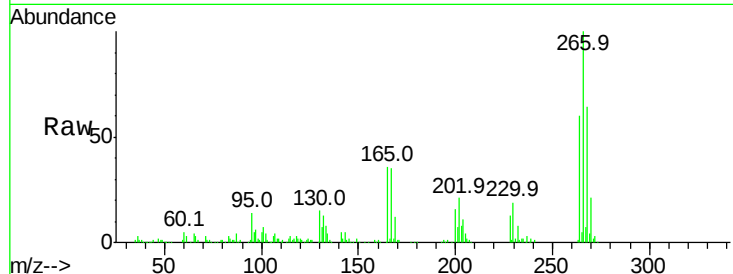
ClientSampleId :

SSTDIC025

Tot Ion:	266	Resp:	154241
Ion Ratio		Lower	Upper
266	100		
268	63.7	53.0	79.4
264	60.0	51.3	76.9

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#70

Phenanthrene

Concen: 23.79 ng

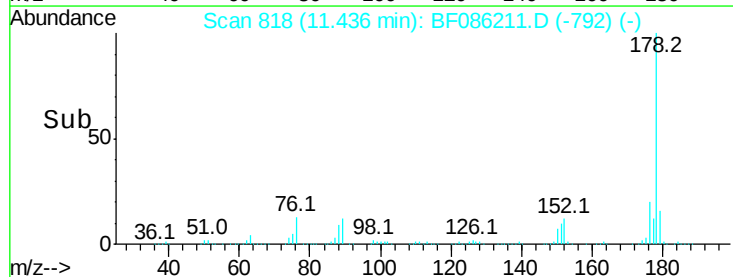
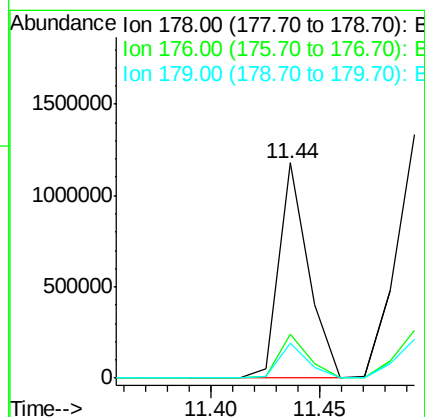
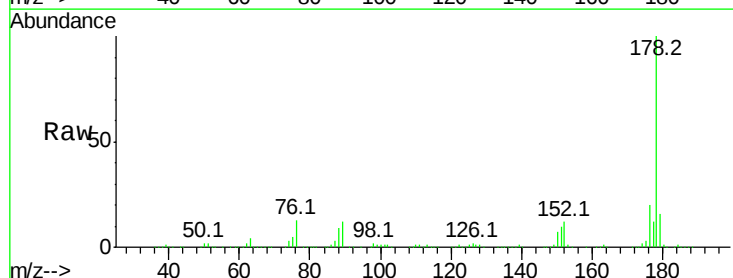
RT: 11.44 min Scan# 818

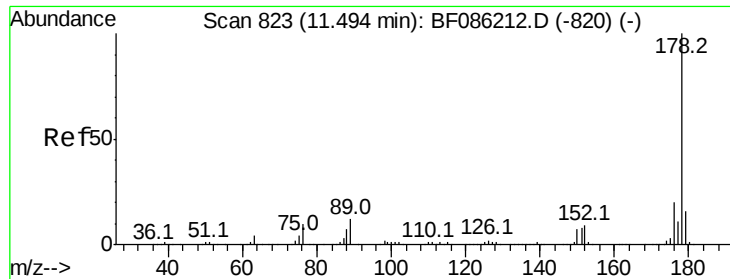
Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	178	Resp:	1120925
Ion Ratio		Lower	Upper
178	100		
176	20.4	16.3	24.5
179	16.0	13.0	19.6





#71

Anthracene

Concen: 27.35 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:178 Resp: 1272730

Ion Ratio Lower Upper

178 100

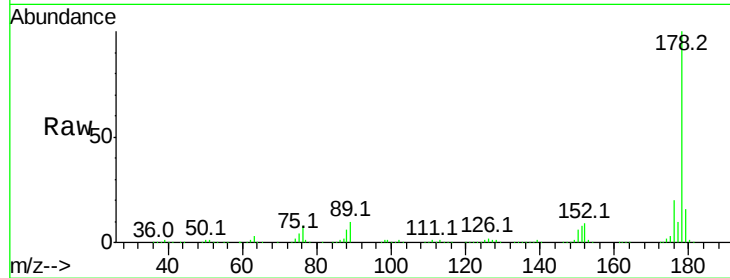
176 19.7 16.2 24.4

179 15.7 13.2 19.8

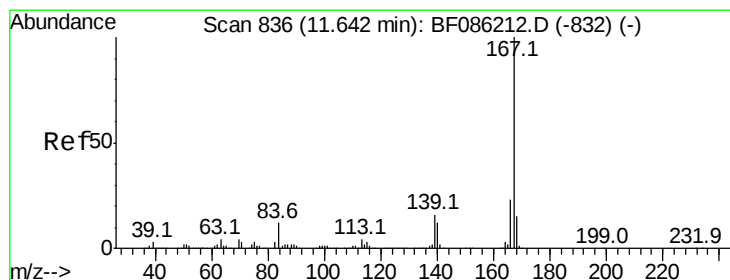
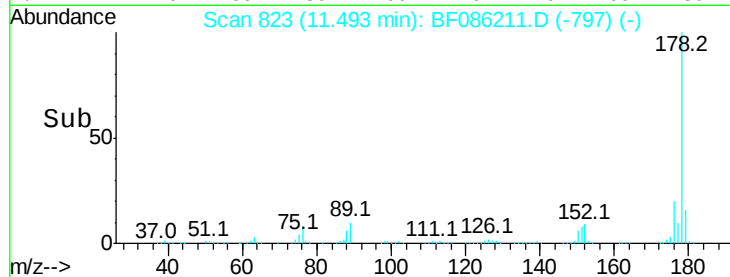
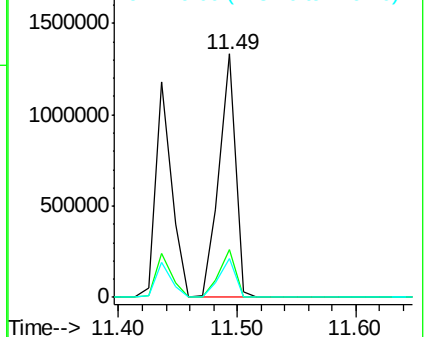
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 26.21 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

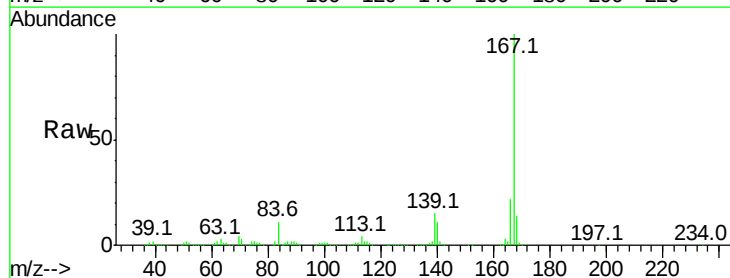
Tgt Ion:167 Resp: 1106209

Ion Ratio Lower Upper

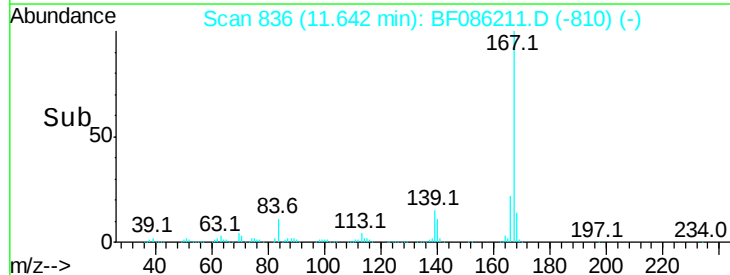
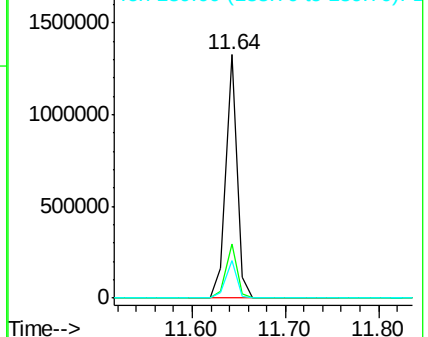
167 100

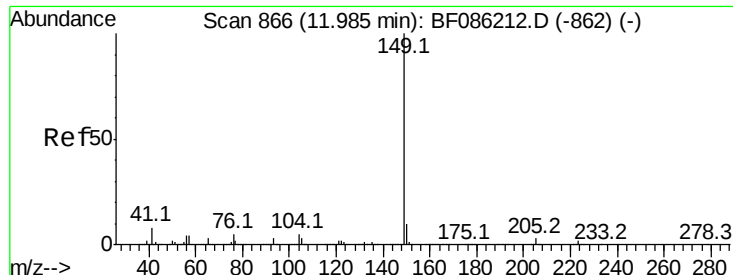
166 22.1 18.3 27.5

139 15.2 12.3 18.5



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





#73

Di-n-butylphthalate

Concen: 30.81 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1530967

Ion Ratio Lower Upper

149 100

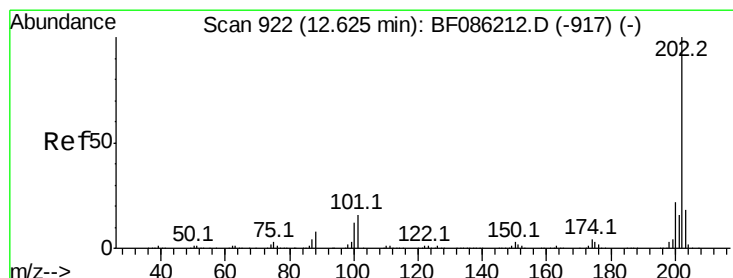
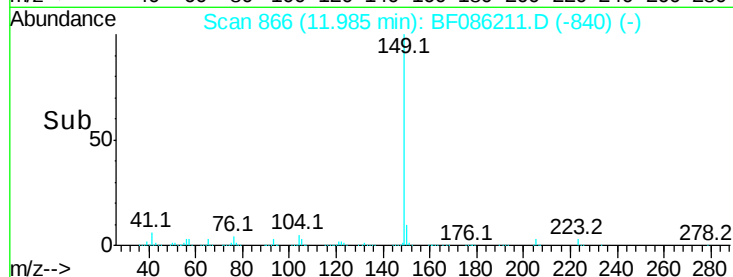
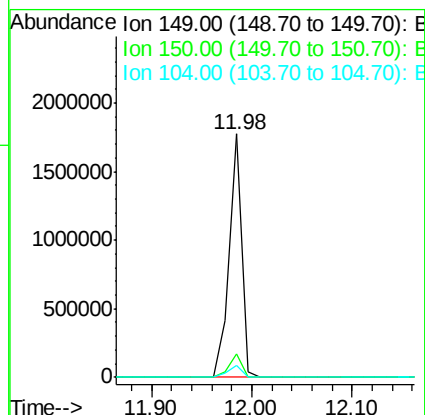
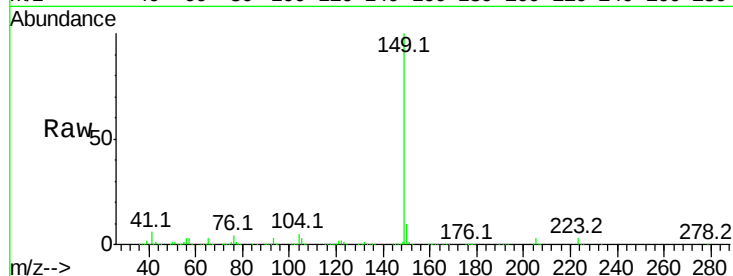
150 9.5 7.8 11.8

104 4.7 4.1 6.1

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#74

Fluoranthene

Concen: 27.14 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

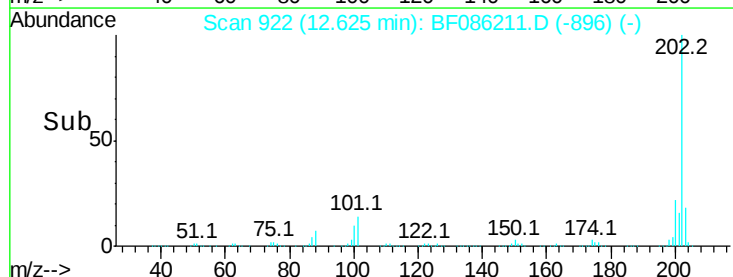
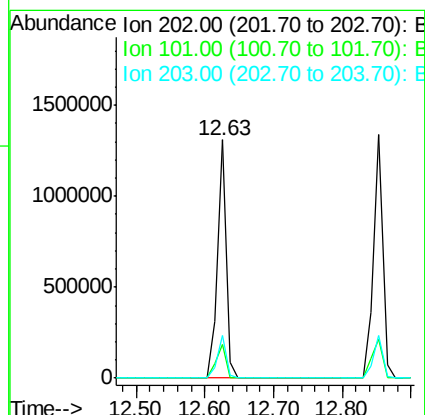
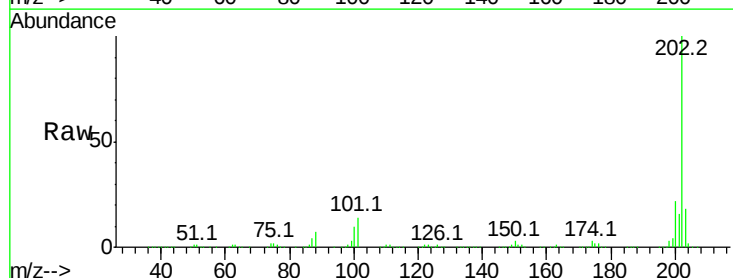
Tgt Ion:202 Resp: 1181413

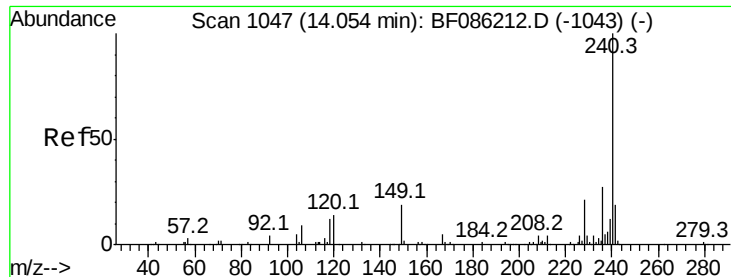
Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.2

203 17.9 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

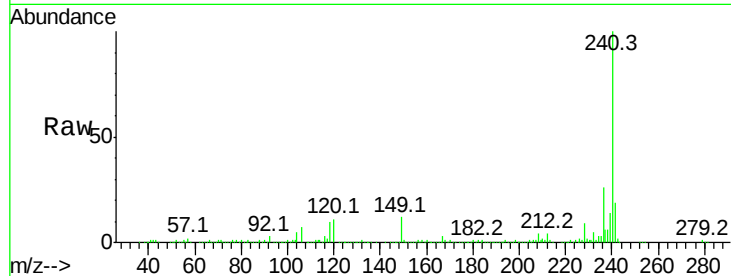
ClientSampleId :

SSTDICC025

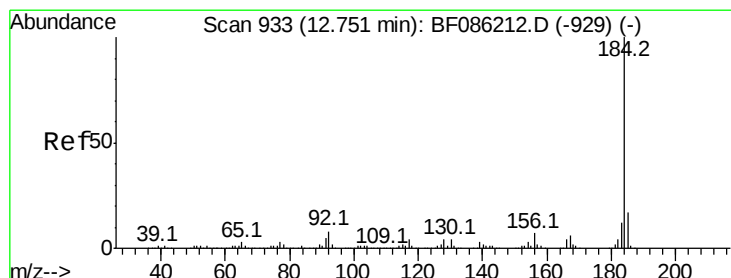
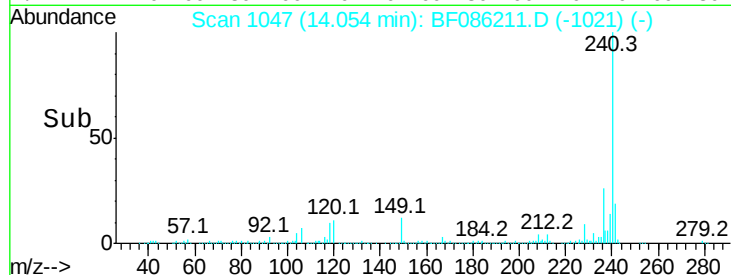
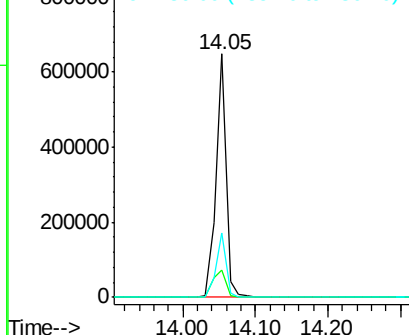
Tot Ion:	240	Resp:	625446
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.3	13.9
236	26.4	21.1	31.7

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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: 30.41 ng

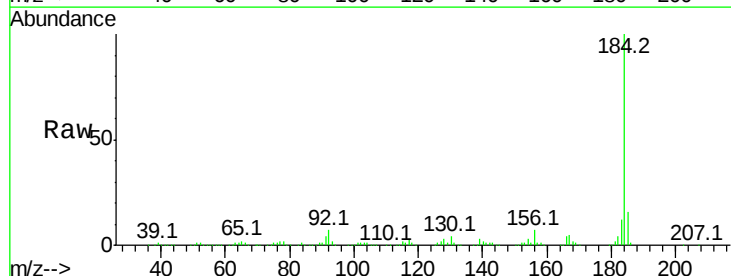
RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

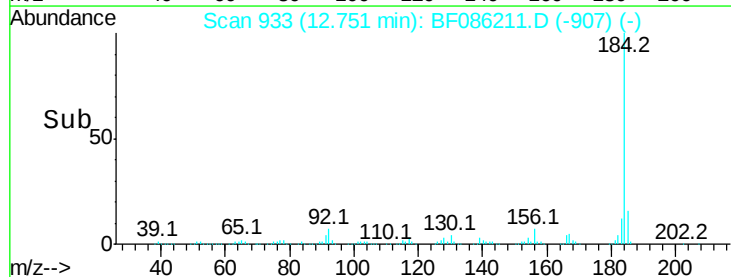
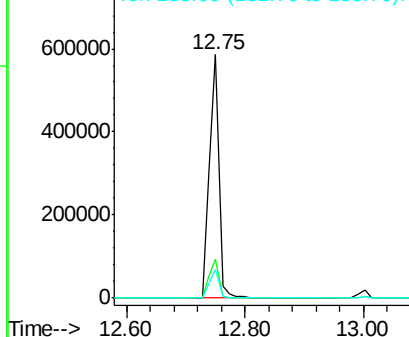
Lab File: BF086211.D

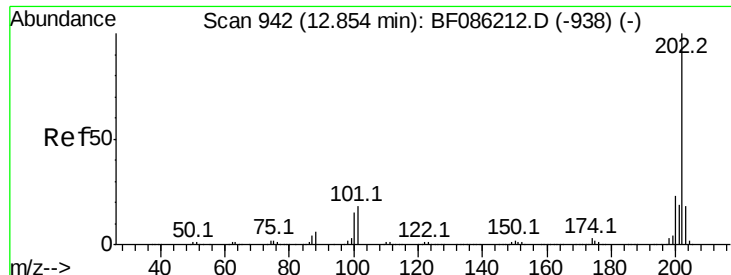
Acq: 15 Apr 2016 12:30

Tgt Ion:	184	Resp:	654001
Ion Ratio	Lower	Upper	
184	100		
185	15.7	14.2	21.2
183	11.6	9.8	14.6



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





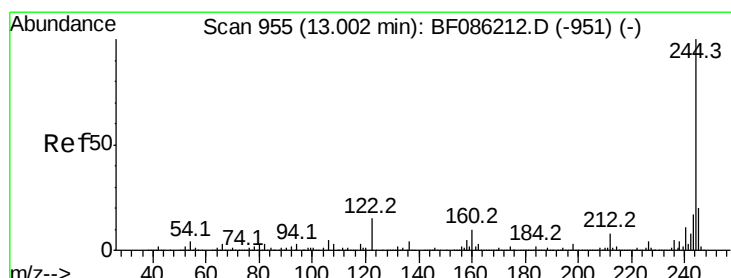
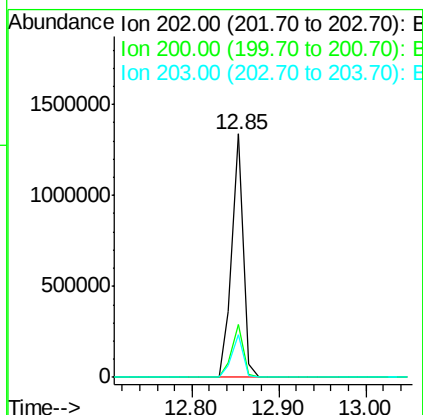
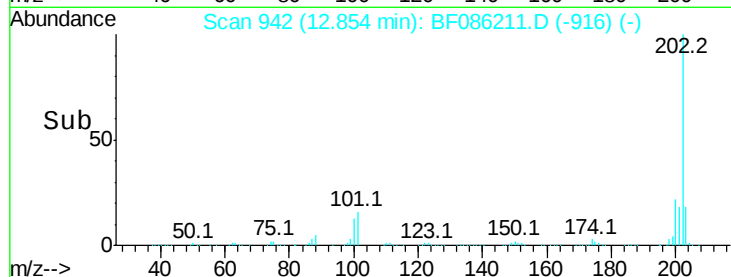
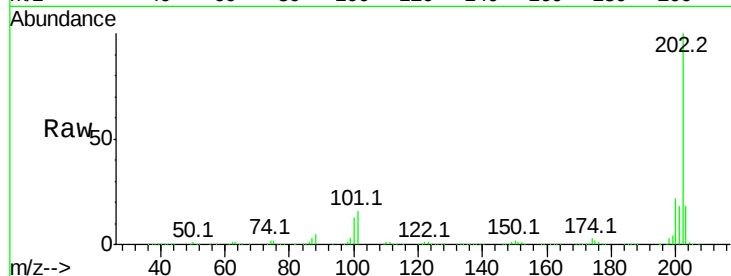
#77
Pvrene
Concen: 26.18 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.3	27.5
203	17.8	14.9	22.3

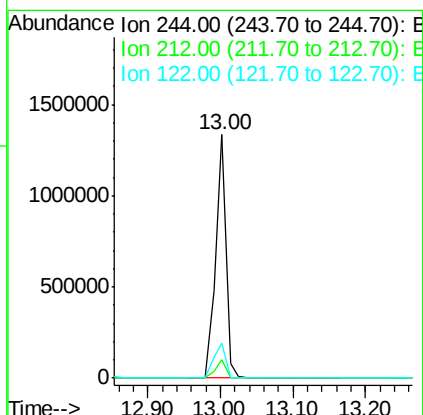
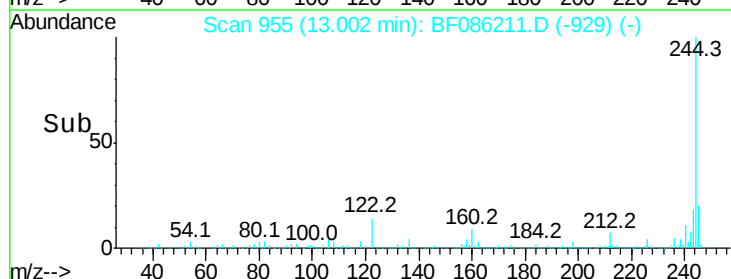
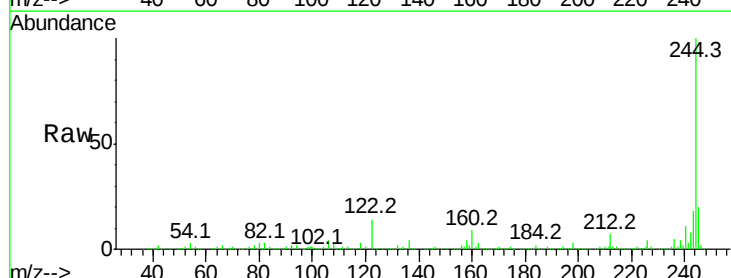
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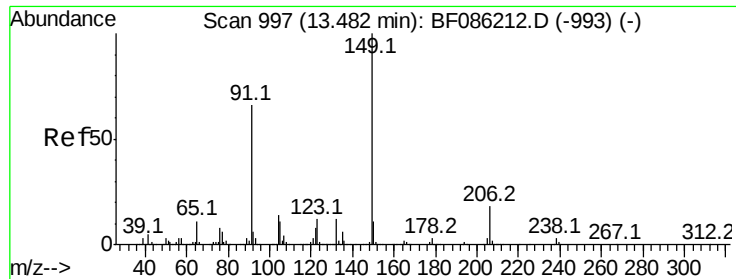
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#78
Terphenyl-d14
Concen: 25.22 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	14.3	11.7	17.5





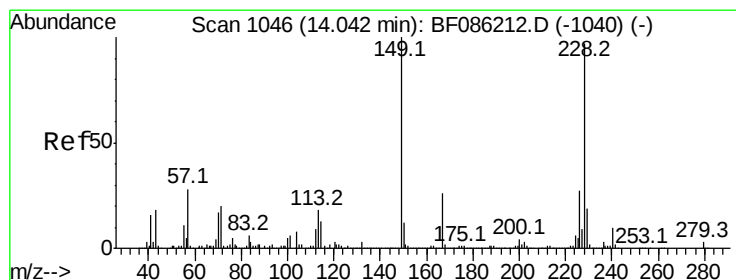
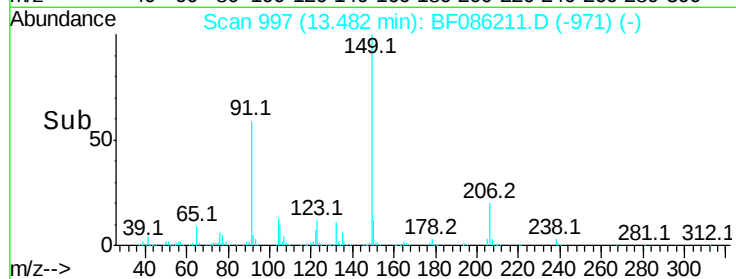
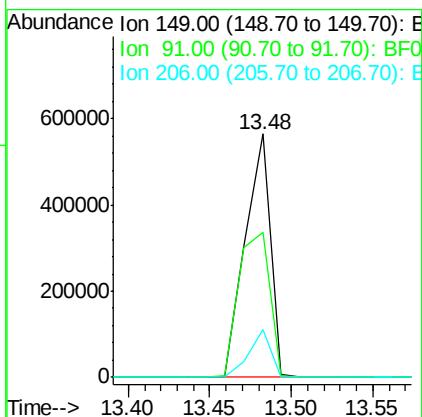
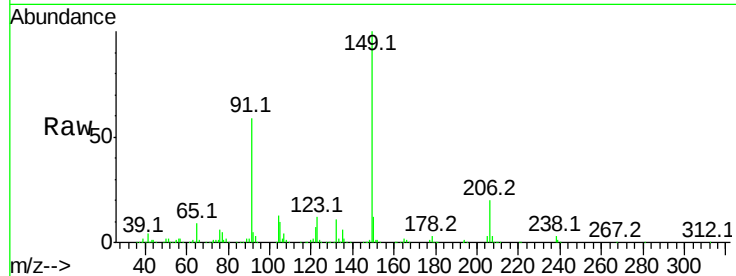
#79
Butylbenzylphthalate
Concen: 31.69 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	603315		
91	59.3	48.7	73.1	
206	19.7	15.7	23.5	

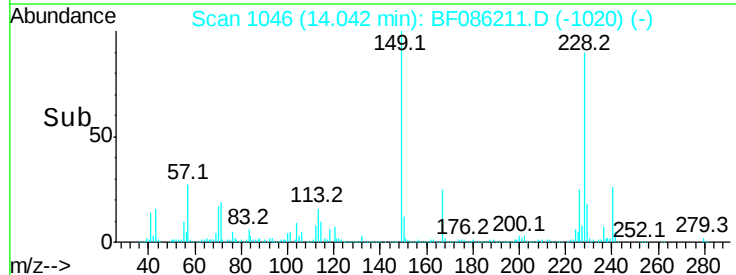
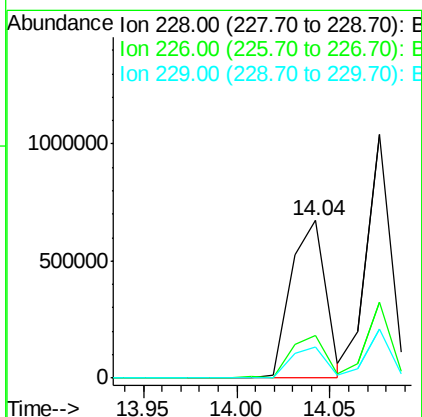
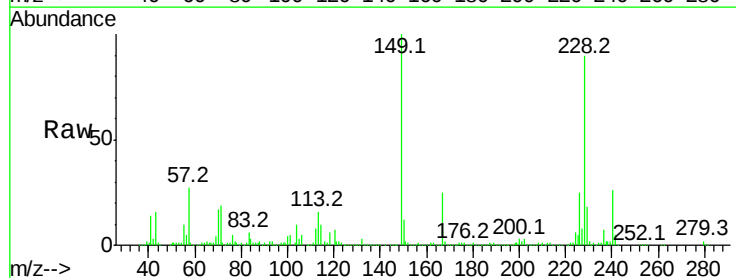
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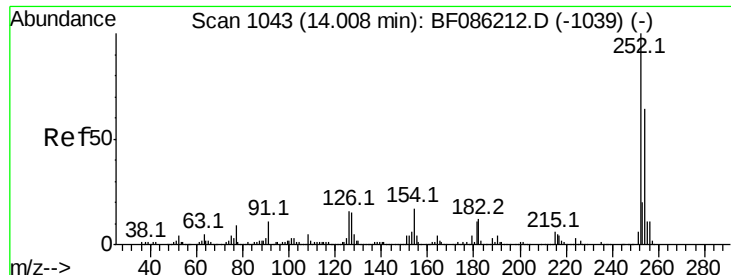
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#80
Benzo(a)anthracene
Concen: 25.24 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	873634		
226	27.3	22.5	33.7	
229	19.6	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 25.14 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

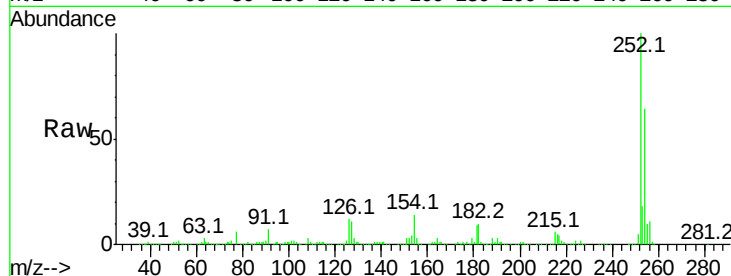
ClientSampleId :

SSTDICC025

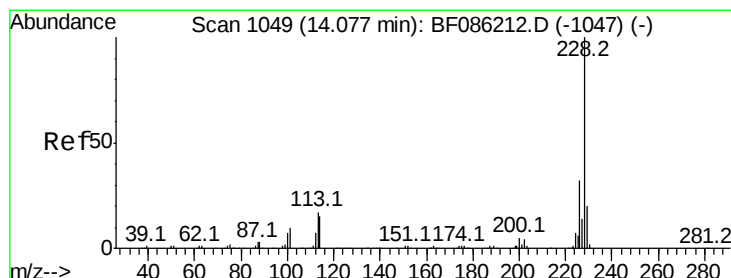
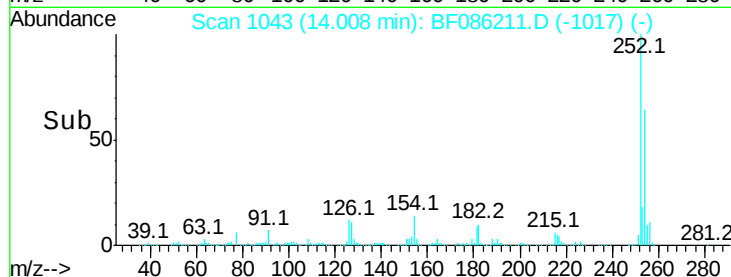
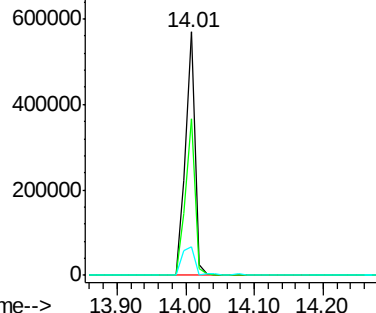
Tot Ion:	252	Resp:	572081
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.1	78.1
126	11.6	13.2	19.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 26.43 ng

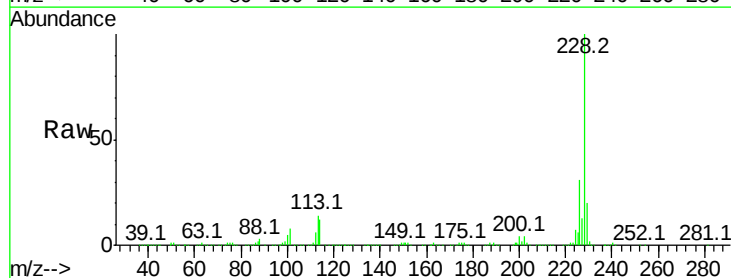
RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

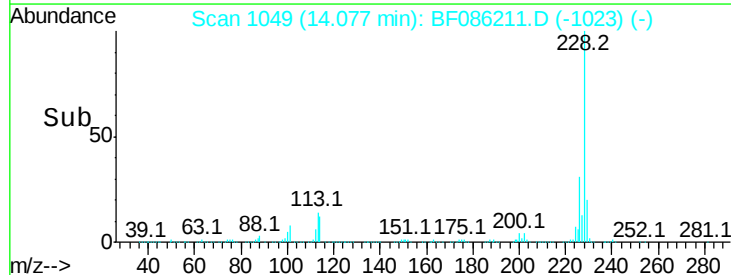
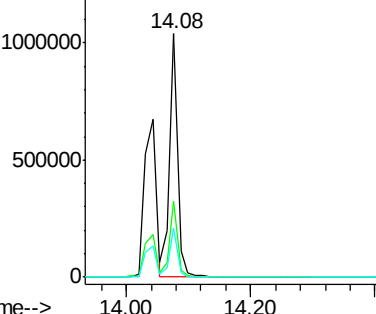
Lab File: BF086211.D

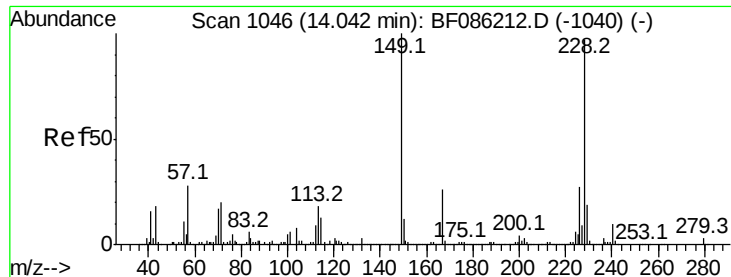
Acq: 15 Apr 2016 12:30

Tgt Ion:	228	Resp:	956353
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.4	38.2
229	20.3	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





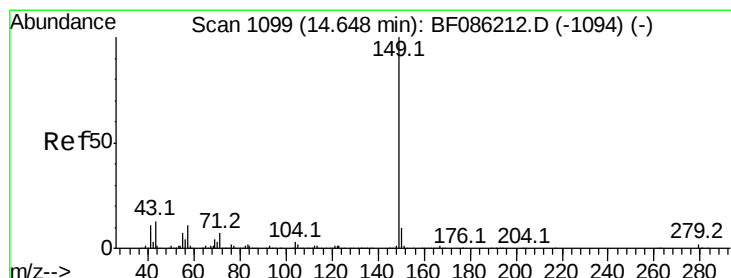
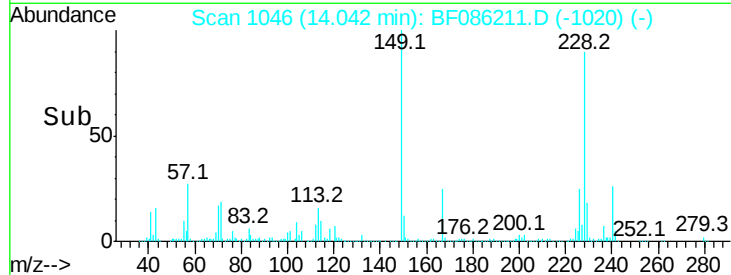
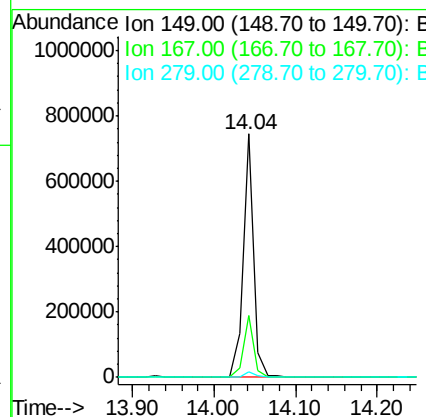
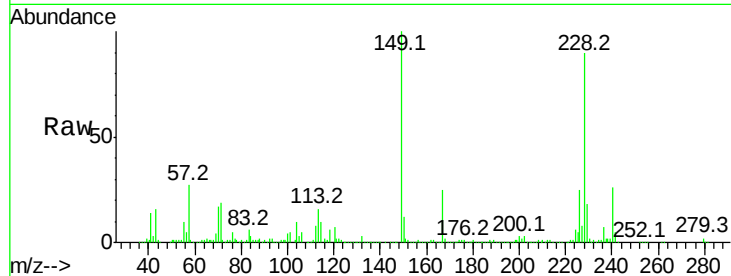
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.97 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	149	Resp:	670137
Ion Ratio		Lower	Upper
149	100		
167	25.4	21.0	31.4
279	2.5	2.4	3.6

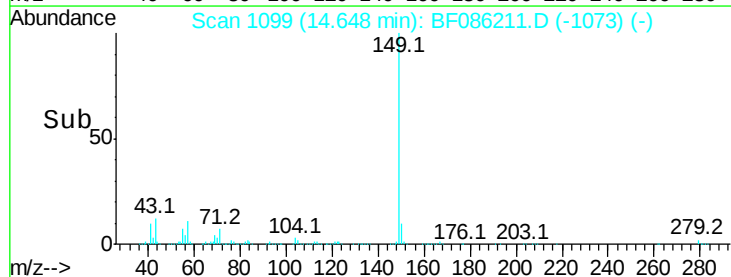
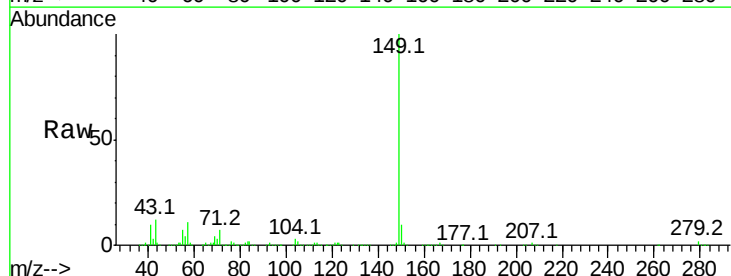
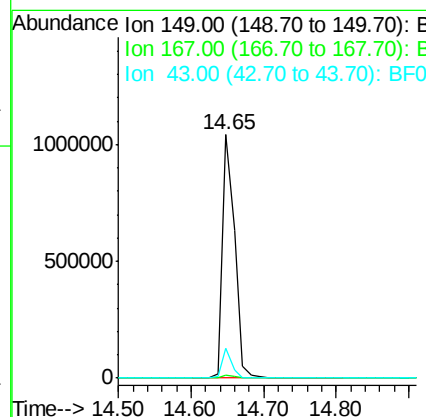
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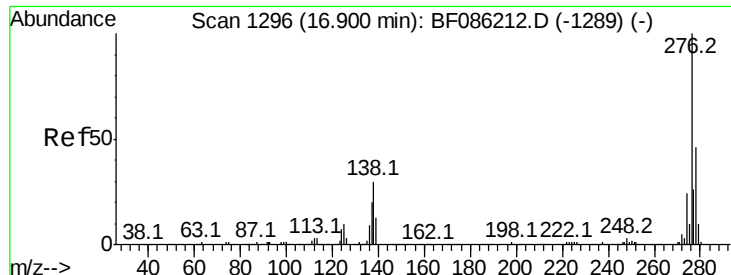
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#84
 Di-n-octyl phthalate
 Concen: 29.69 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Tgt Ion:	149	Resp:	1217345
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.0	9.1	13.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.99 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

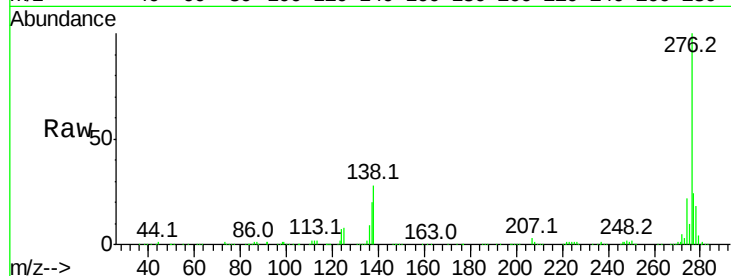
ClientSampleId :

SSTDIC025

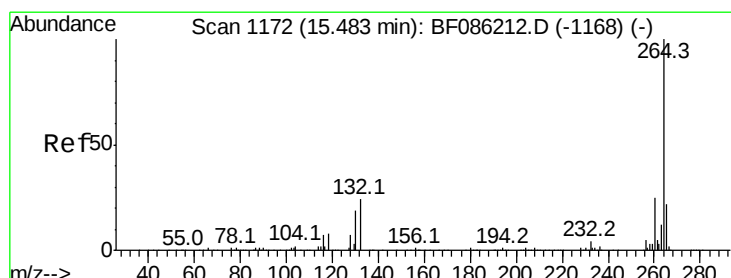
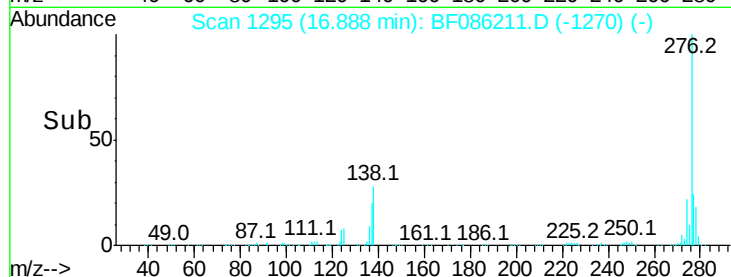
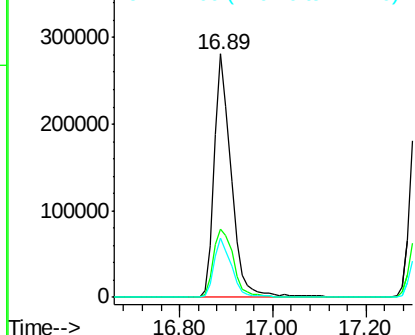
Tot Ion	Ratio	Resp	Lower	Upper
276	100	715700		
138	32.9	23.8	35.6	
277	25.1	20.2	30.2	

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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

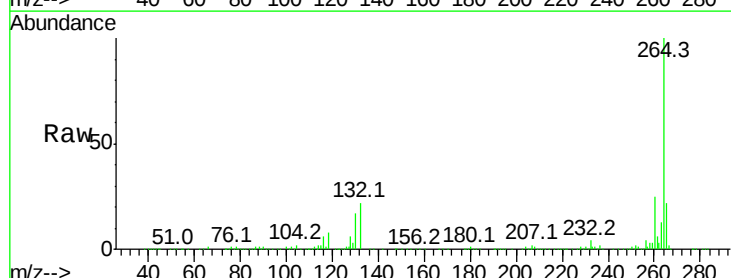
RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

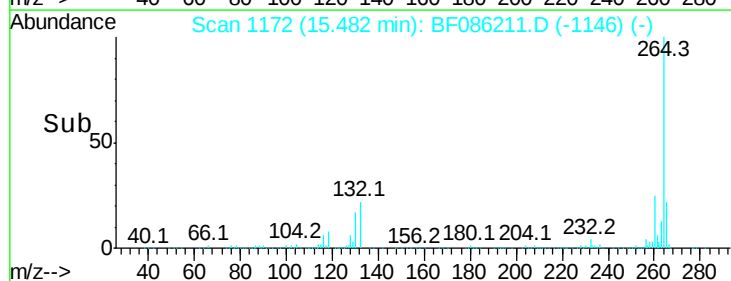
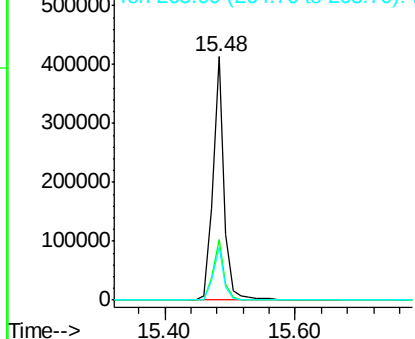
Lab File: BF086211.D

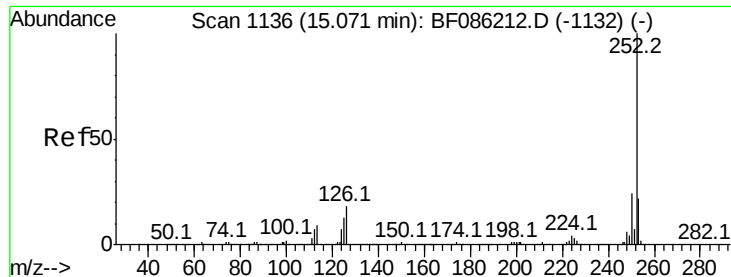
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	499004		
260	24.8	20.0	30.0	
265	21.8	17.4	26.0	



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: 26.49 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Instrument :

BNA_F

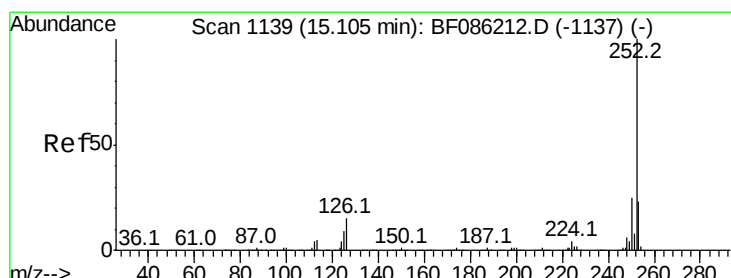
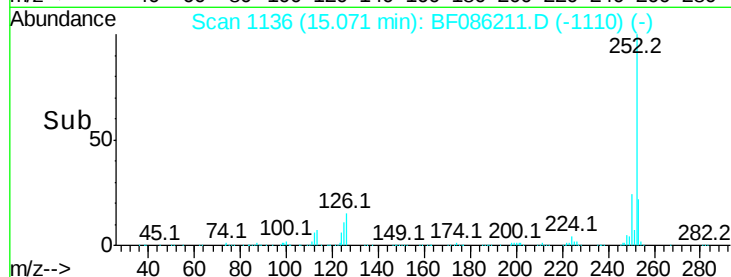
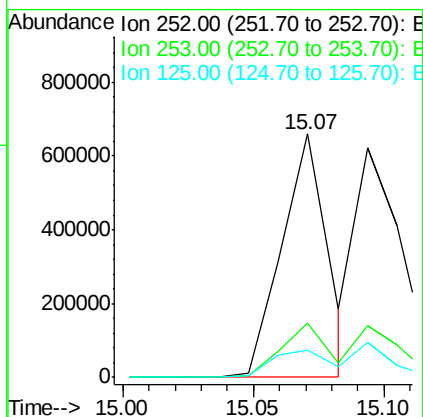
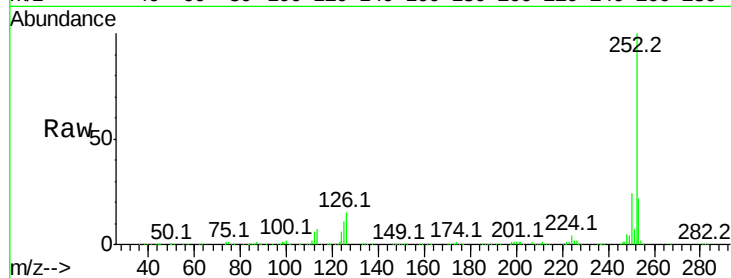
ClientSampleId :

SSTDICC025

Tot Ion:	252	Resp:	802692
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.3	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 27.19 ng m

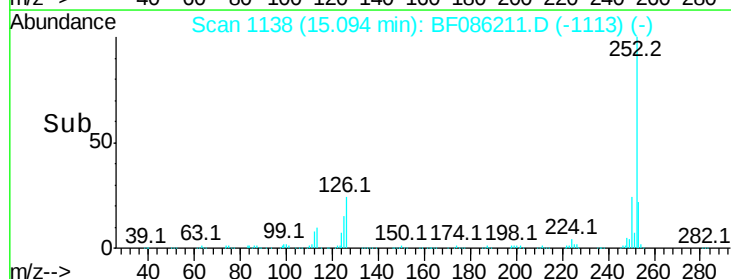
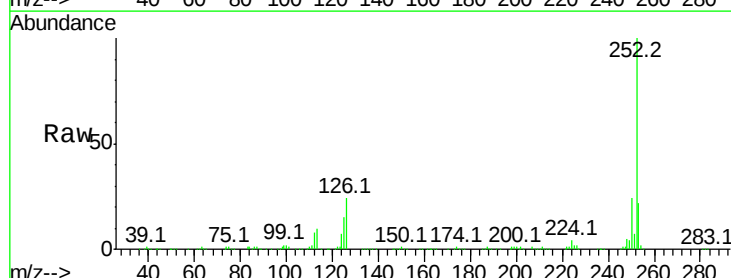
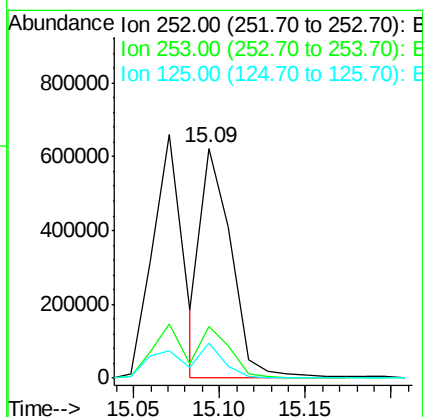
RT: 15.09 min Scan# 1138

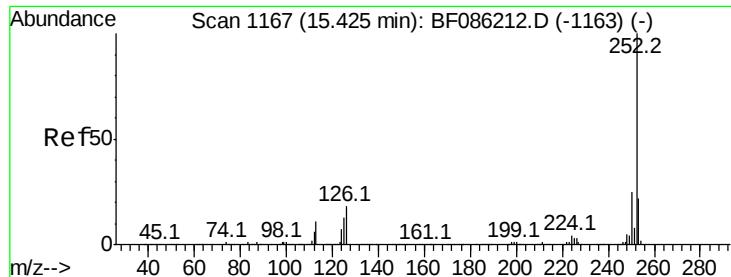
Delta R.T. -0.01 min

Lab File: BF086211.D

Acq: 15 Apr 2016 12:30

Tgt Ion:	252	Resp:	775879
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.5	7.8	11.6#





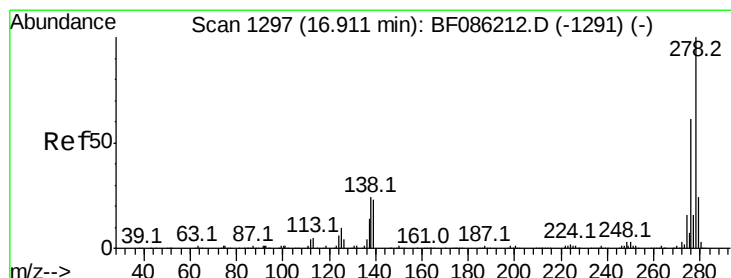
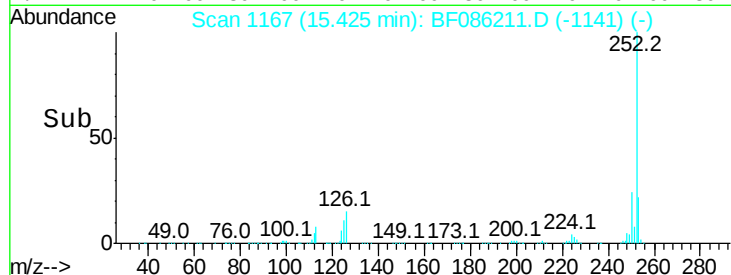
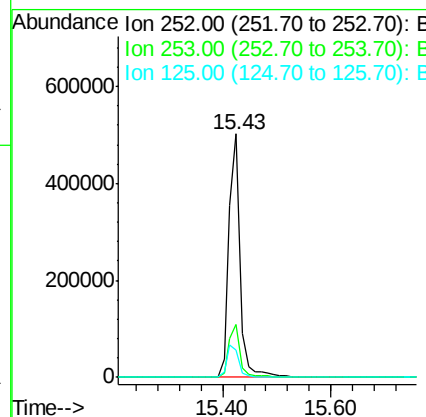
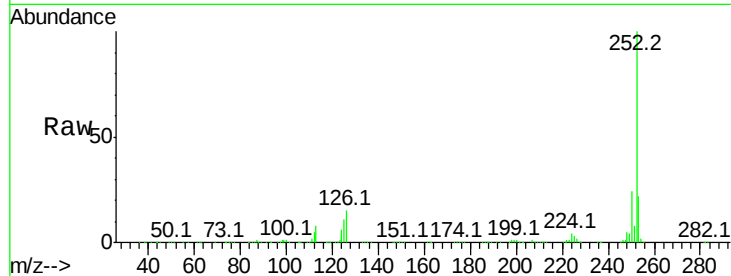
#89
Benzo(a)pyrene
Concen: 27.17 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.5	11.2	16.8

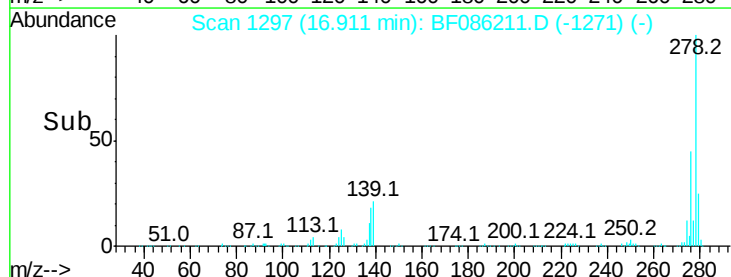
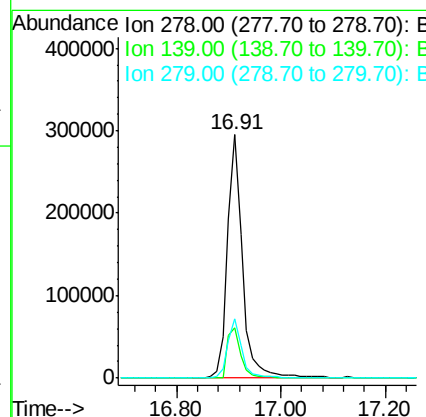
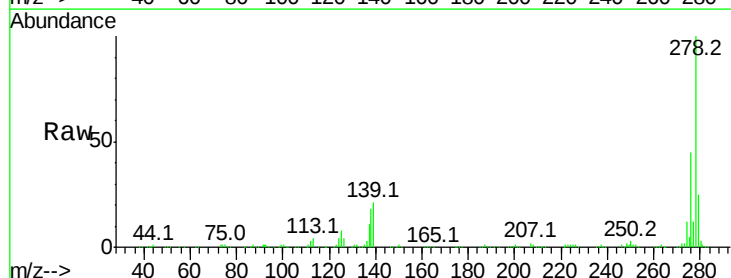
Manual Integrations
APPROVED

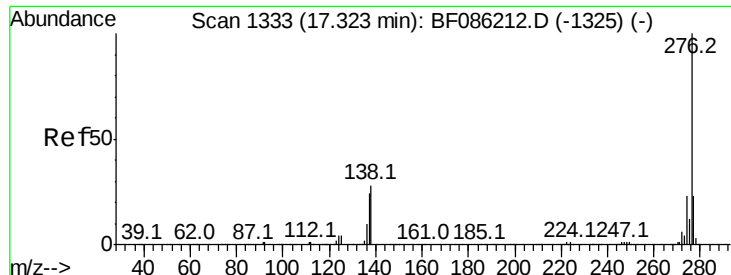
Sohil
4/18/2016 7:24:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 25.17 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF086211.D
Acq: 15 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.3	22.9
279	24.6	19.1	28.7





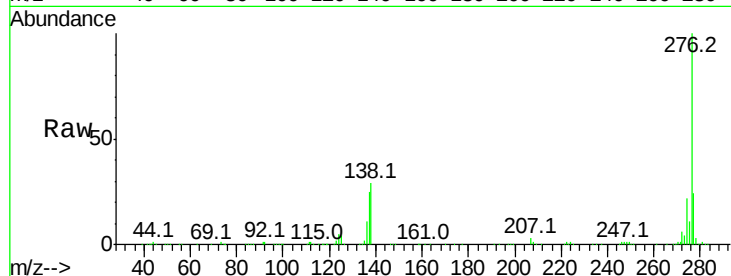
#91
 Benzo(a,h,i)perylene
 Concen: 24.78 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF086211.D
 Acq: 15 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	276	Resp:	609241
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	29.2	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:24:43 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

