

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086221.D
 Acq On : 15 Apr 2016 17:25
 Operator : UM/SJ
 Sample : PB89820BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:46 PM

Quant Time: Apr 16 00:46:19 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 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	271432	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1103034	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	523779	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	910212	20.00	ng	0.00
75) Chrysene-d12	14.05	240	573523	20.00	ng	0.00
86) Perylene-d12	15.48	264	484648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1783967	107.69	ng	0.01
7) Phenol-d6	6.52	99	2167060	104.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	1509486	78.93	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	447159	106.32	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2344264	82.59	ng	0.00
78) Terphenyl-d14	13.00	244	1744704	76.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	304804	33.36	ng	98
3) Pyridine	3.32	79	936476	39.31	ng	96
4) n-Nitrosodimethylamine	3.26	42	352263	40.93	ng	# 72
6) Aniline	6.56	93	444339	14.88	ng	95
8) 2-Chlorophenol	6.68	128	720330	38.44	ng	# 79
9) Benzaldehyde	6.44	77	229833	15.63	ng	89
10) Phenol	6.53	94	977476	39.61	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	746353	40.20	ng	99
12) 1,3-Dichlorobenzene	6.83	146	728389	36.63	ng	99
13) 1,4-Dichlorobenzene	6.91	146	720224	38.02	ng	99
14) 1,2-Dichlorobenzene	7.07	146	674311	40.10	ng	99
15) Benzyl Alcohol	7.04	79	651884	44.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1121370	38.77	ng	100
17) 2-Methylphenol	7.15	107	680982	43.61	ng	94
18) Hexachloroethane	7.41	117	289966	40.58	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	470874	35.51	ng	# 87
20) 3+4-Methylphenols	7.30	107	656449	37.53	ng	94
22) Acetophenone	7.31	105	923609	44.83	ng	# 94
24) Nitrobenzene	7.48	77	856014	40.94	ng	91
25) Isophorone	7.72	82	1545102	40.72	ng	99
26) 2-Nitrophenol	7.79	139	371478	40.75	ng	93
27) 2,4-Dimethylphenol	7.84	122	772610	41.97	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	889027	39.85	ng	100
29) 2,4-Dichlorophenol	8.03	162	566839	40.50	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	580065	39.60	ng	99
31) Naphthalene	8.20	128	2013292	40.87	ng	100
32) Benzoic acid	7.94	122	481444	40.91	ng	96
33) 4-Chloroaniline	8.25	127	168134	7.64	ng	94
34) Hexachlorobutadiene	8.33	225	301173	41.04	ng	99
35) Caprolactam	8.61	113	212919	42.01	ng	# 56
36) 4-Chloro-3-methylphenol	8.73	107	653370	40.28	ng	95
37) 2-Methylnaphthalene	8.90	142	1395436	43.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	423808	36.83	ng	97
40) Hexachlorocyclopentadiene	9.05	237	474226	76.81	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	413971	40.12	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	388298	38.96	nq #	90
45) 1,1'-Biphenyl	9.36	154	1444156	38.30	nq	100
46) 2-Chloronaphthalene	9.38	162	1154947	37.52	nq	99
47) 2-Nitroaniline	9.47	65	391084	39.22	nq	96
48) Acenaphthylene	9.80	152	2055353	41.96	nq	99
49) Dimethylphthalate	9.66	163	1530191	40.18	nq	99
50) 2,6-Dinitrotoluene	9.72	165	363842	43.18	nq	96
51) Acenaphthene	9.97	154	1298717	44.38	nq	100
52) 3-Nitroaniline	9.88	138	145186	14.18	nq	85
53) 2,4-Dinitrophenol	9.98	184	236450	76.02	nq	91
54) Dibenzofuran	10.14	168	1735149	44.90	nq	96
55) 4-Nitrophenol	10.04	139	627259	78.30	nq	90
56) 2,4-Dinitrotoluene	10.12	165	480161	44.51	nq #	84
57) Fluorene	10.49	166	1135505	42.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	312352	43.15	nq	99
59) Diethylphthalate	10.36	149	1431204	36.41	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	458855	40.78	nq	96
61) 4-Nitroaniline	10.50	138	359650	40.64	nq	89
62) Azobenzene	10.64	77	1627068	42.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174950	40.39	nq	93
65) n-Nitrosodiphenylamine	10.59	169	1119912	40.18	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	331884	39.12	nq	90
67) Hexachlorobenzene	11.02	284	360208	40.52	nq	96
68) Atrazine	11.13	200	368013	43.08	nq	93
69) Pentachlorophenol	11.22	266	364309	67.58	nq	97
70) Phenanthrene	11.45	178	1850117	42.56	nq	99
71) Anthracene	11.49	178	1664159	38.32	nq	100
72) Carbazole	11.64	167	1656146	40.06	nq	100
73) Di-n-butylphthalate	11.98	149	2056487	36.79	nq	100
74) Fluoranthene	12.63	202	1636854	43.56	nq	98
76) Benzidine	12.75	184	405730	18.24	nq	97
77) Pyrene	12.85	202	1661932	37.77	nq	99
79) Butylbenzylphthalate	13.48	149	905139	44.53	nq	88
80) Benzo(a)anthracene	14.04	228	1277864	40.59	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	172313	9.44	nq #	95
82) Chrysene	14.08	228	1166514	34.75	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	881858	40.18	nq #	98
84) Di-n-octyl phthalate	14.66	149	1922432	45.44	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1161565	42.09	nq	96
87) Benzo(b)fluoranthene	15.07	252	1487013m	49.73	nq	
88) Benzo(k)fluoranthene	15.11	252	824965m	30.26	nq	
89) Benzo(a)pyrene	15.43	252	1090669	42.11	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	969747	42.37	nq	99
91) Benzo(g,h,i)perylene	17.32	276	1023409	42.05	nq	95

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

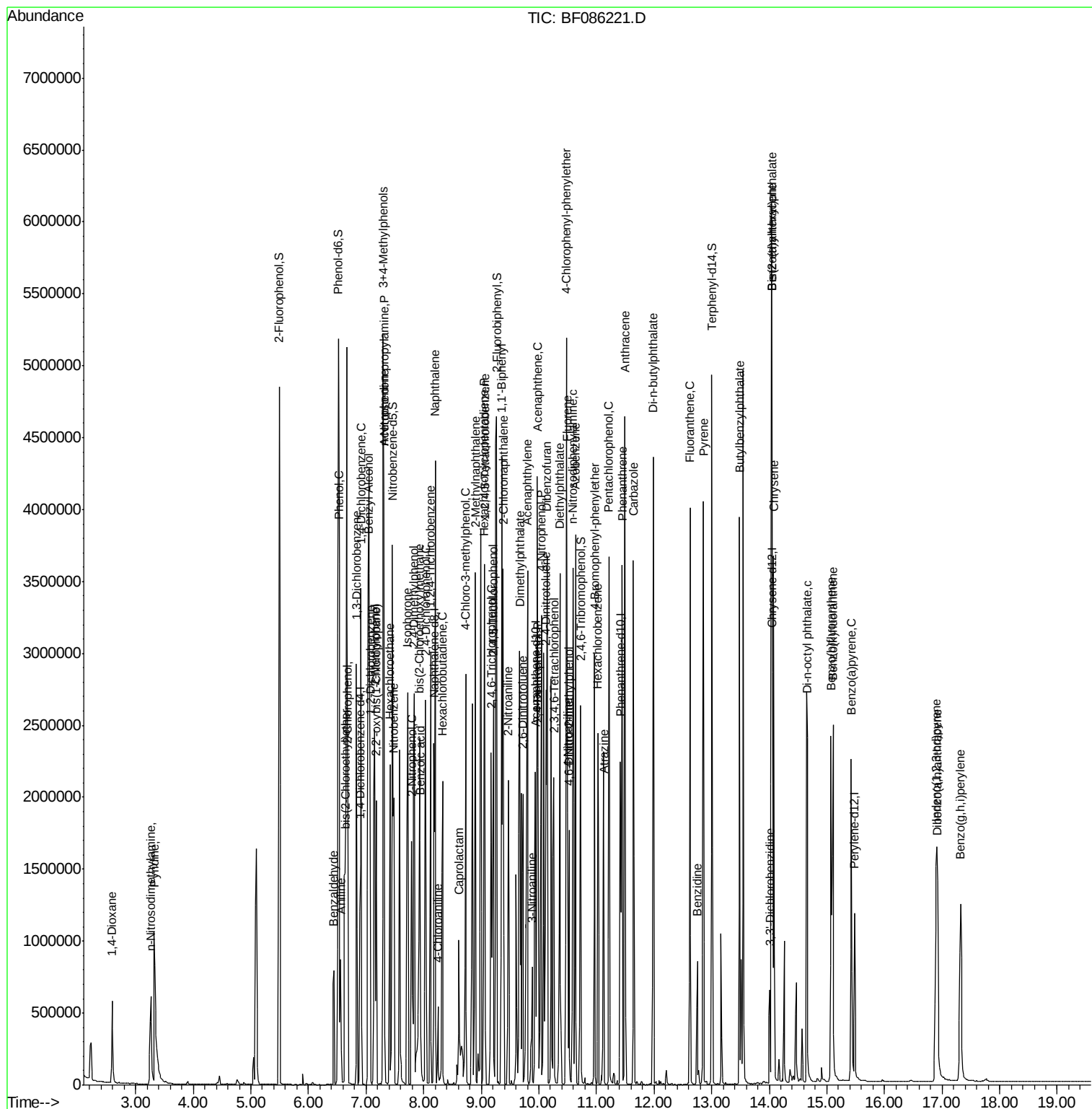
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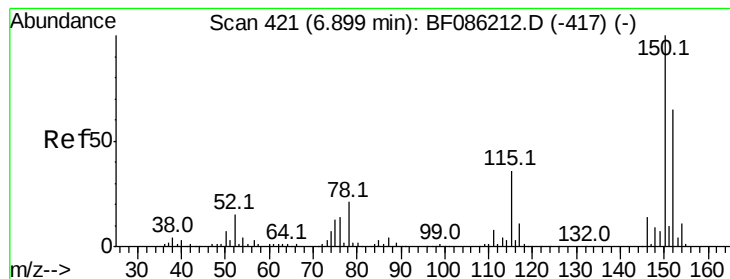
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:152 Resp: 271432

Ion Ratio Lower Upper

152 100

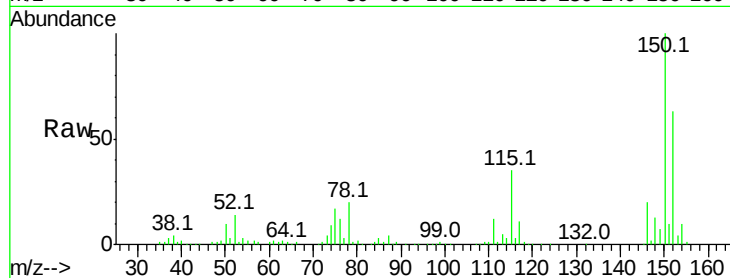
150 159.8 124.1 186.1

115 55.5 43.9 65.9

Manual Integrations
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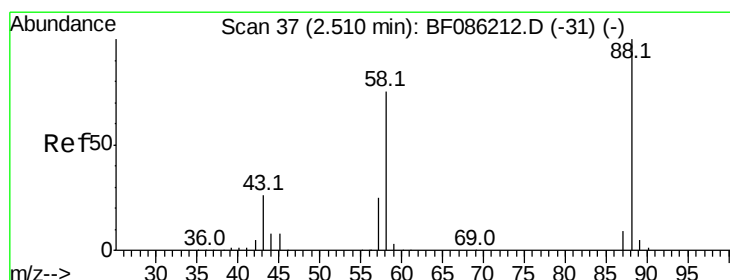
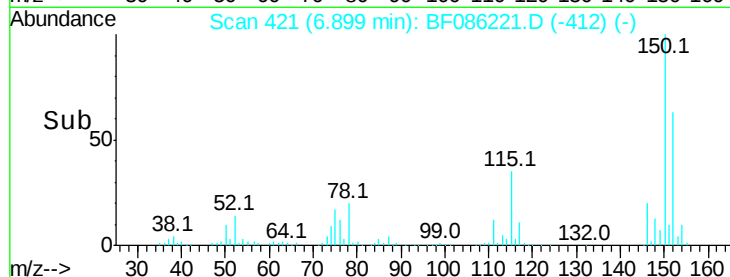
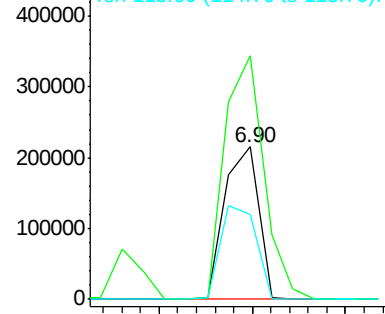
4/18/2016 7:29:46 PM



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: 33.36 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.08 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

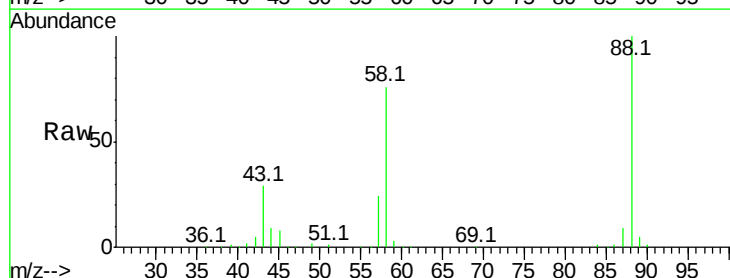
Tgt Ion: 88 Resp: 304804

Ion Ratio Lower Upper

88 100

58 74.1 58.4 87.6

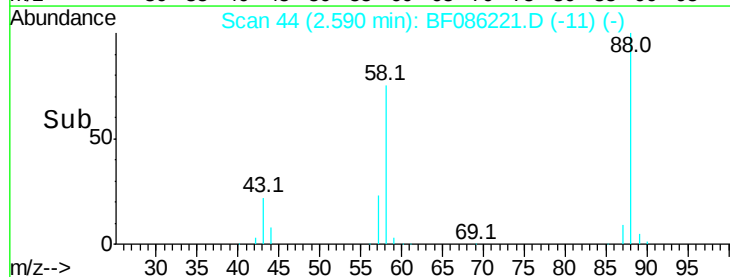
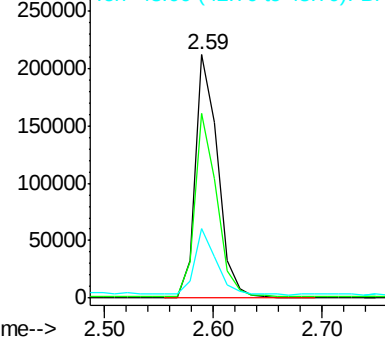
43 26.4 23.3 34.9

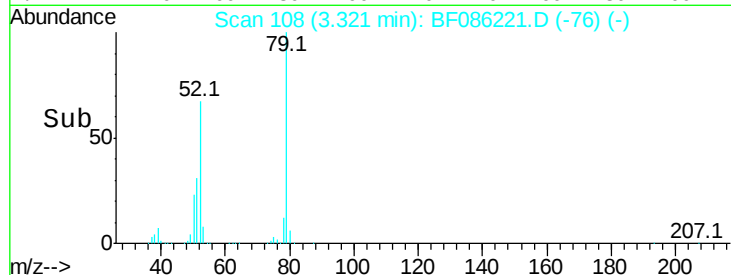
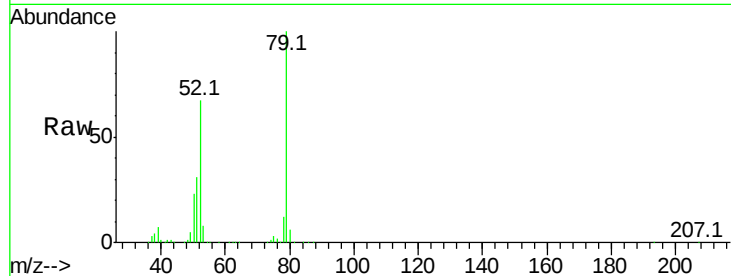
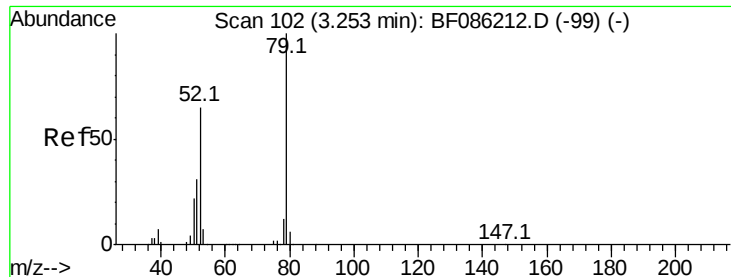


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





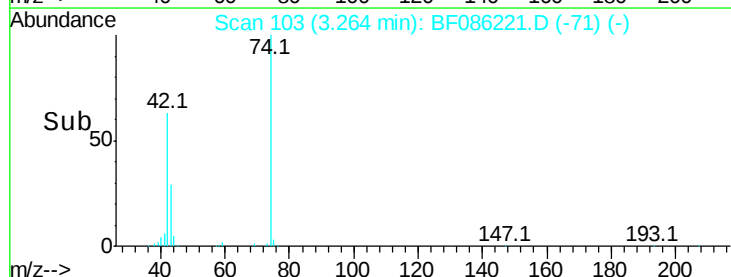
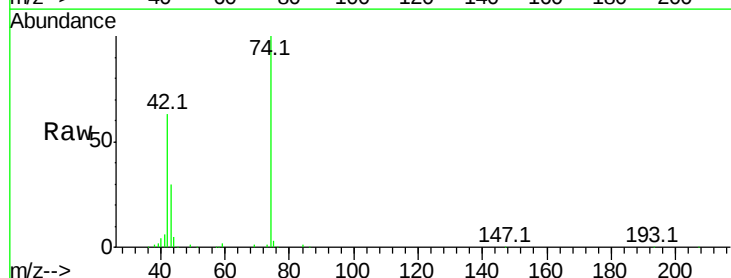
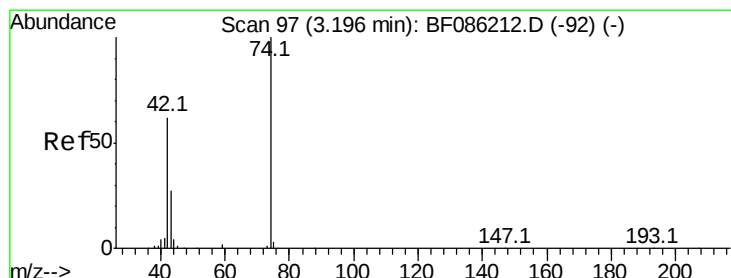
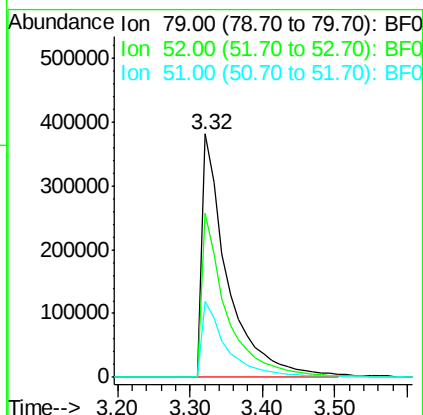
#3
Pvridine
Concen: 39.31 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.4	55.4	83.2
51	31.3	28.1	42.1

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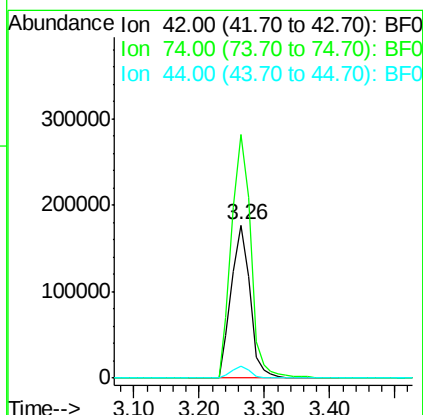
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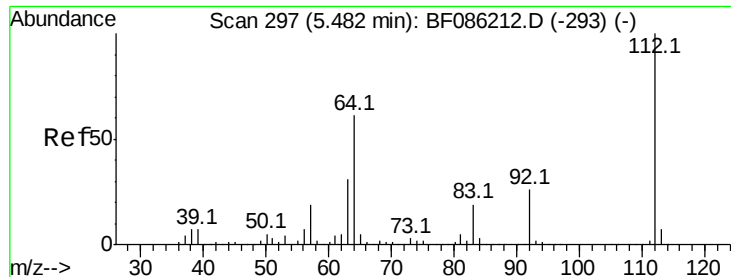
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#4
n-Nitrosodimethylamine
Concen: 40.93 ng
RT: 3.26 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.1	100.5	150.7#
44	7.5	5.4	8.0





#5

2-Fluorophenol

Concen: 107.69 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:112 Resp: 1783967

Ion Ratio Lower Upper

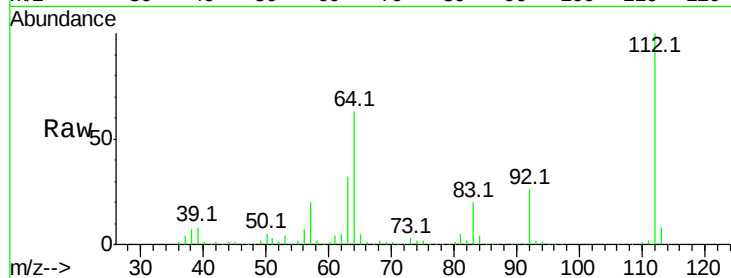
112 100

64 62.6 48.1 72.1

63 32.4 25.5 38.3

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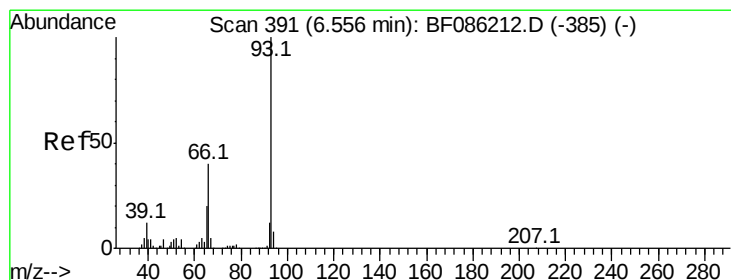
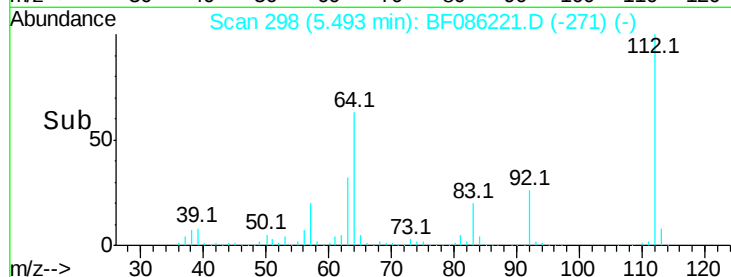
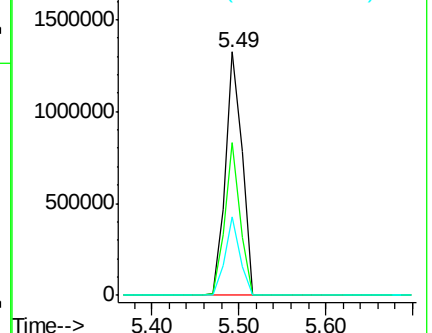
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.88 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

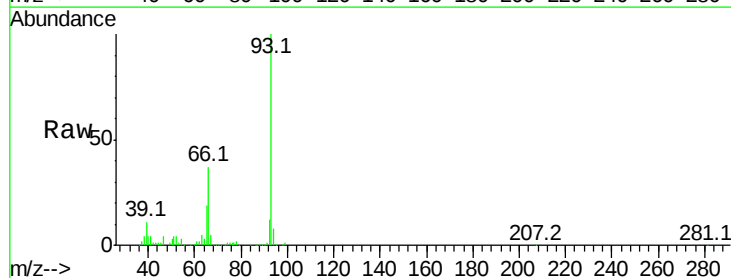
Tgt Ion: 93 Resp: 444339

Ion Ratio Lower Upper

93 100

66 37.0 32.2 48.2

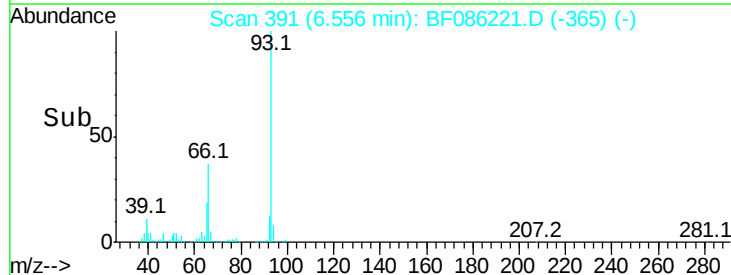
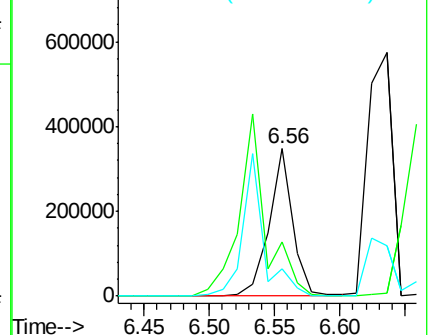
65 18.5 16.4 24.6

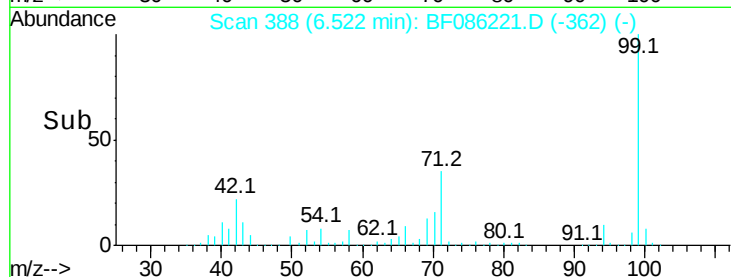
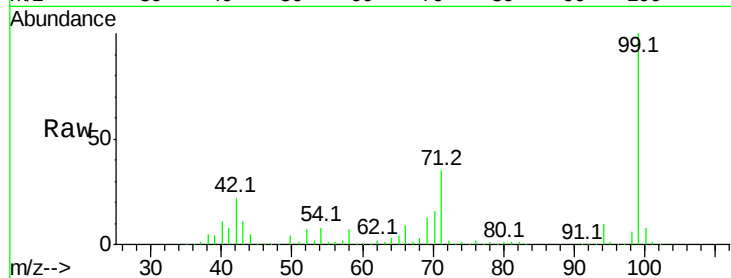
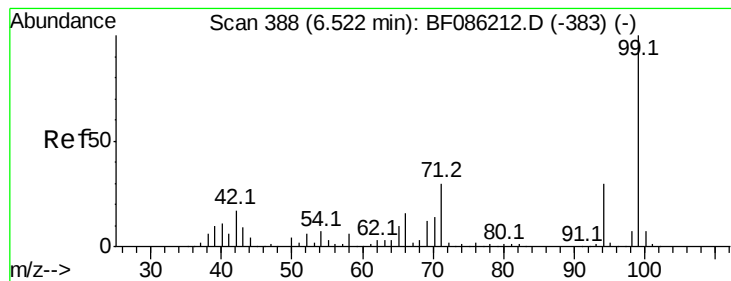


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tot Ion: 99 Resp: 2167060

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.4	23.2
71	35.1	25.6	38.4

99 100

42 21.8 15.4 23.2

71 35.1 25.6 38.4

Instrument :

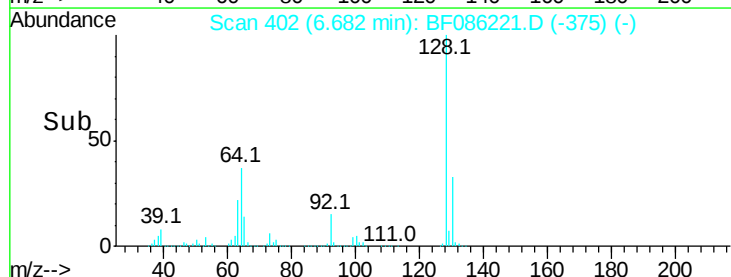
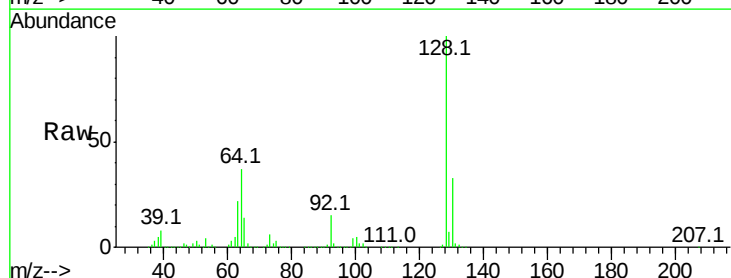
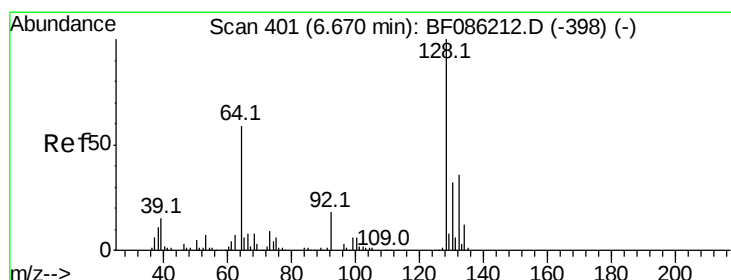
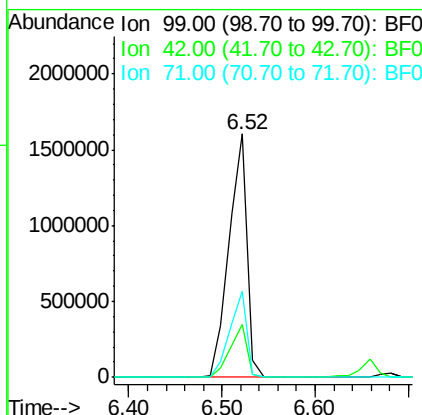
BNA_F

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#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

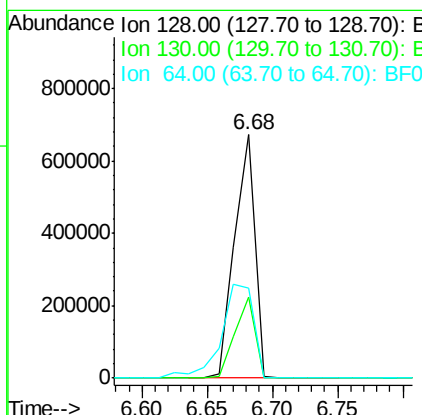
Tgt Ion:128 Resp: 720330

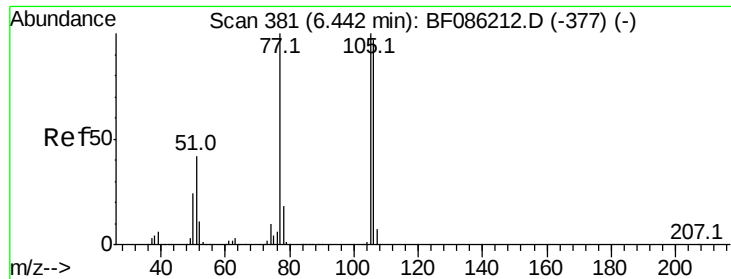
Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.8	51.8
64	36.8	39.5	79.5#

128 100

130 33.4 11.8 51.8

64 36.8 39.5 79.5#





#9

Benzaldehyde

Concen: 15.63 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

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BNA_F

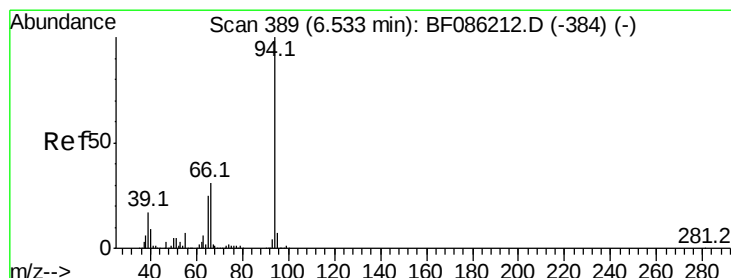
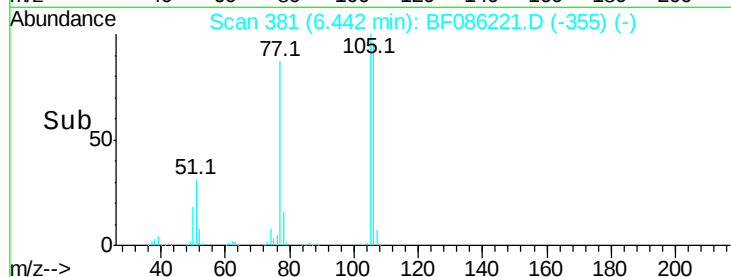
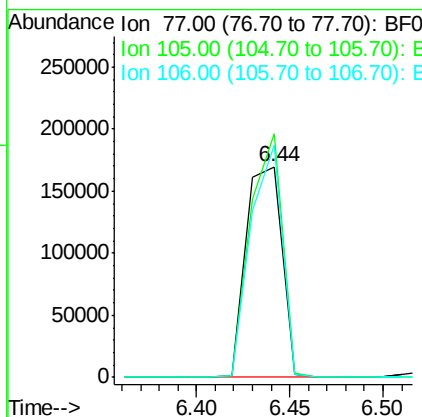
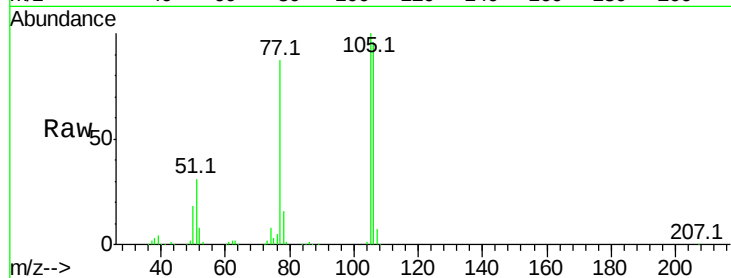
ClientSampled :

PB89820BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	115.5	84.6	124.6
106	110.4	78.6	118.6



#10

Phenol

Concen: 39.61 ng

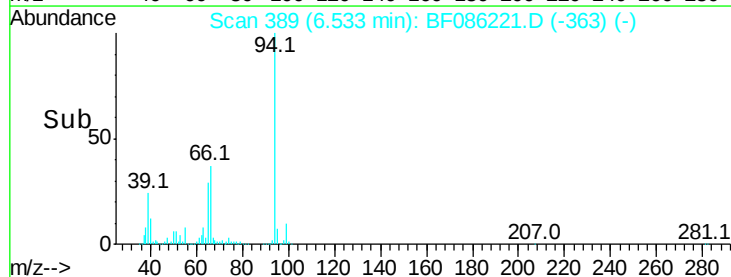
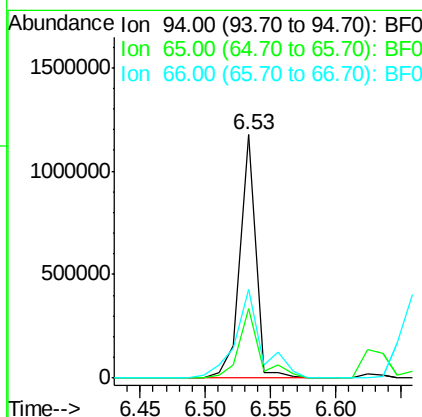
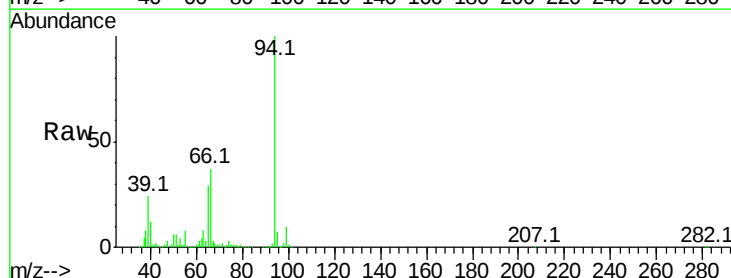
RT: 6.53 min Scan# 389

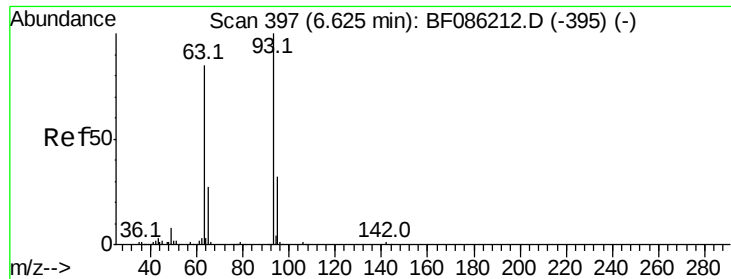
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	36.6	16.5	56.5





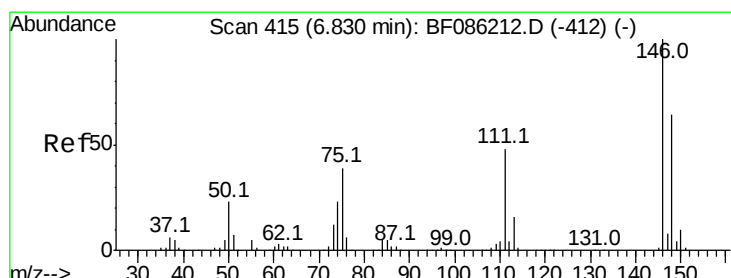
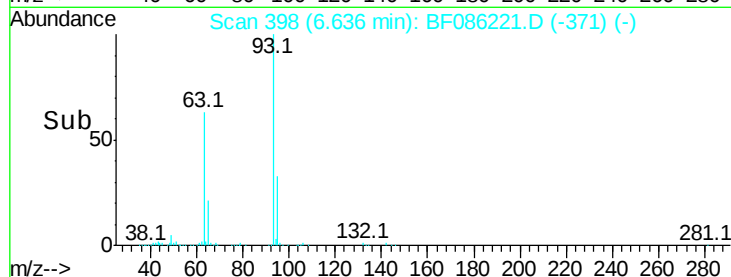
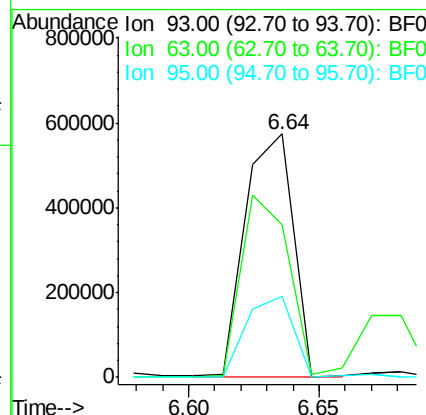
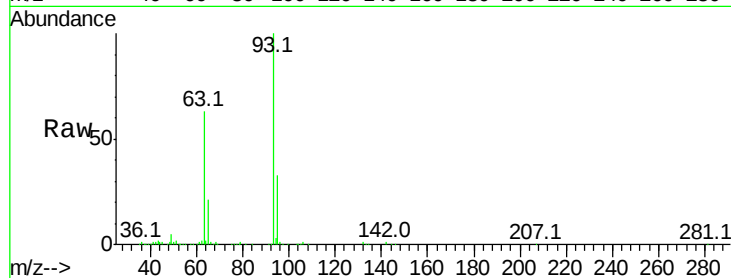
#11
bis(2-Chloroethyl)ether
Concen: 40.20 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion:	93	Resp:	746353
Ion Ratio	Lower	Upper	
93	100		
63	62.8	44.4	84.4
95	33.1	13.1	53.1

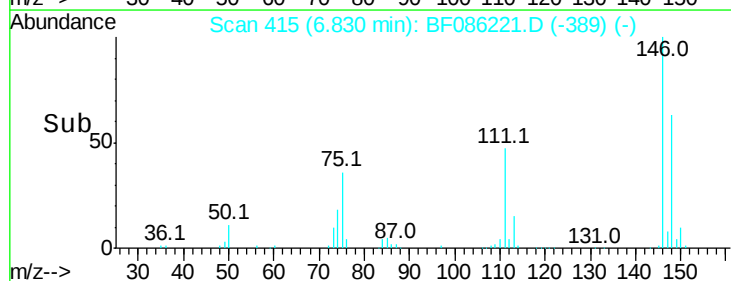
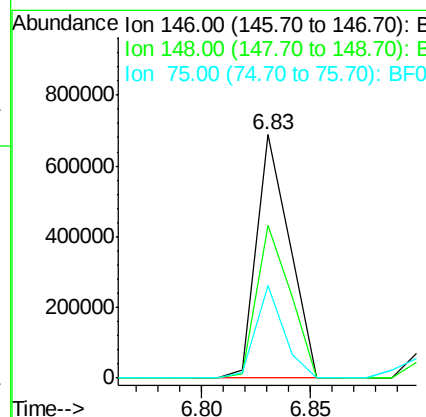
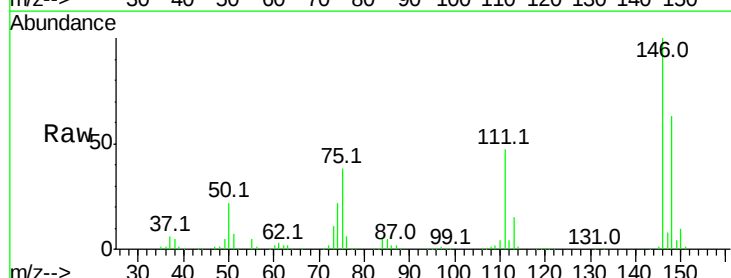
Manual Integrations
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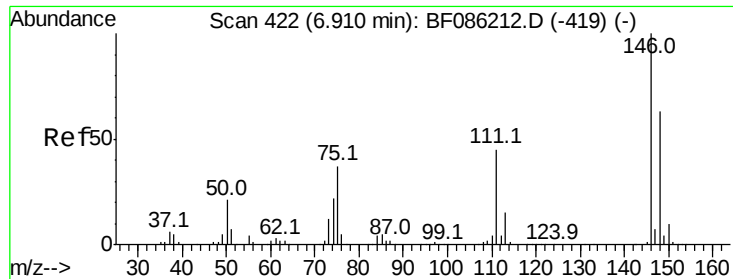
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#12
1,3-Dichlorobenzene
Concen: 36.63 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion:	146	Resp:	728389
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.4
75	38.2	29.9	44.9





#13

1,4-Dichlorobenzene

Concen: 38.02 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

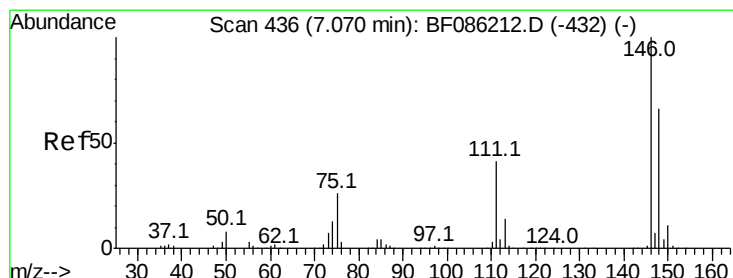
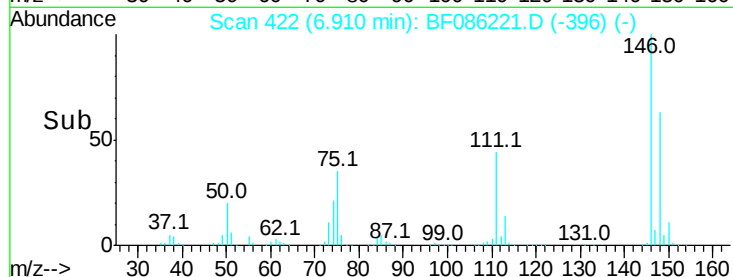
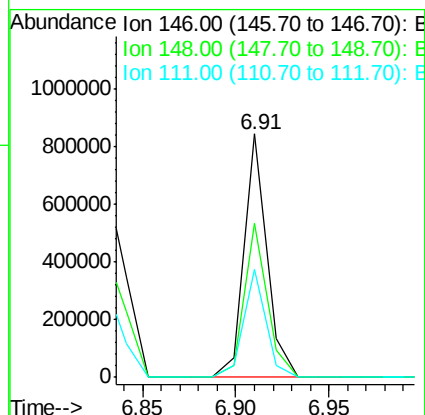
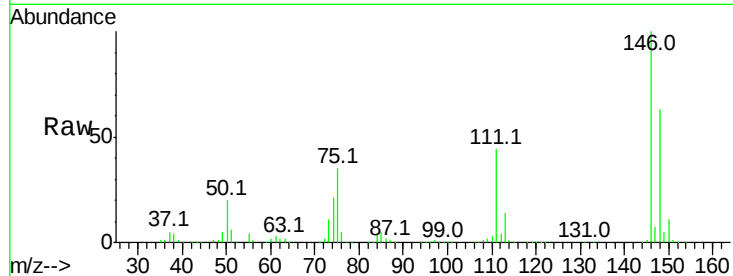
ClientSampleId :

PB89820BS

Tot Ion:146	Resp:	720224
Ion Ratio	Lower	Upper
146	100	
148	63.4	51.8 77.6
111	44.3	34.9 52.3

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#14

1,2-Dichlorobenzene

Concen: 40.10 ng

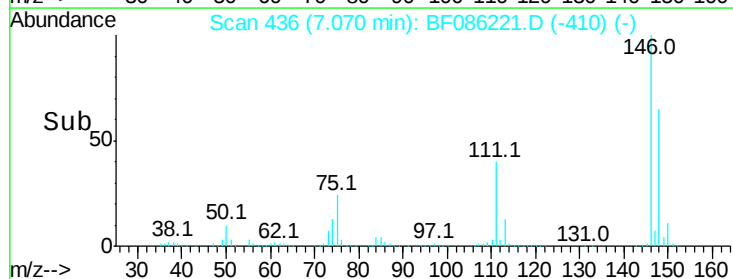
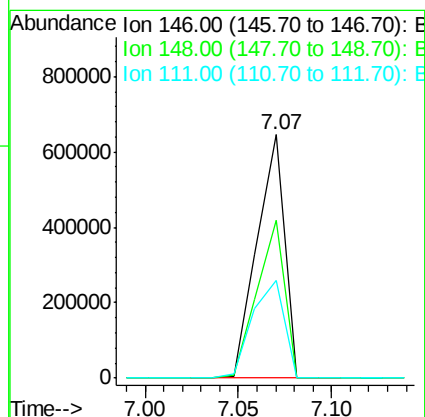
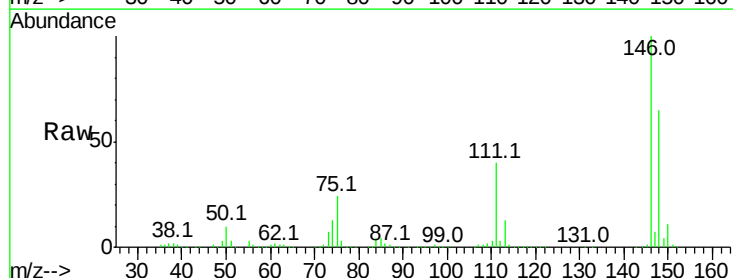
RT: 7.07 min Scan# 436

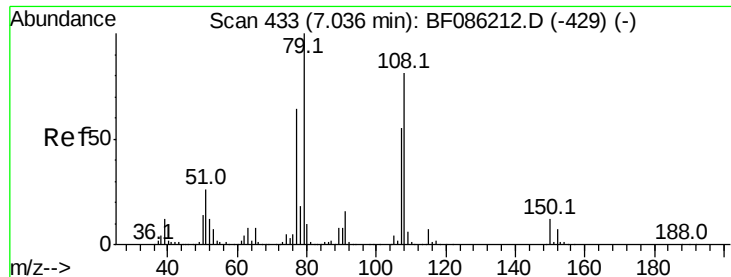
Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:146	Resp:	674311
Ion Ratio	Lower	Upper
146	100	
148	65.0	52.2 78.2
111	39.9	31.0 46.4





#15

Benzyl Alcohol

Concen: 44.35 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

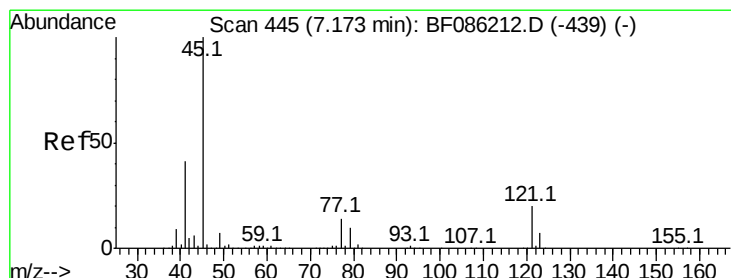
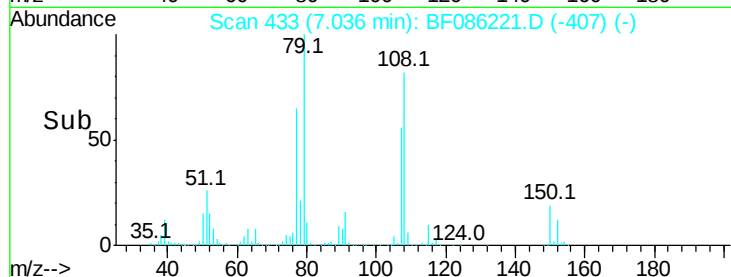
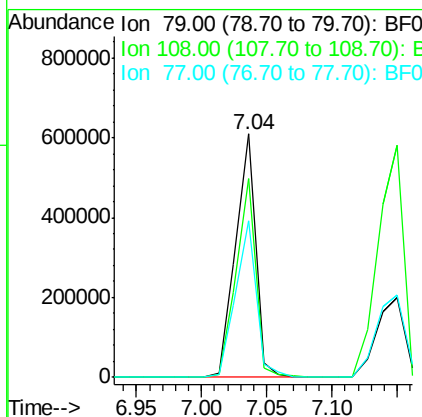
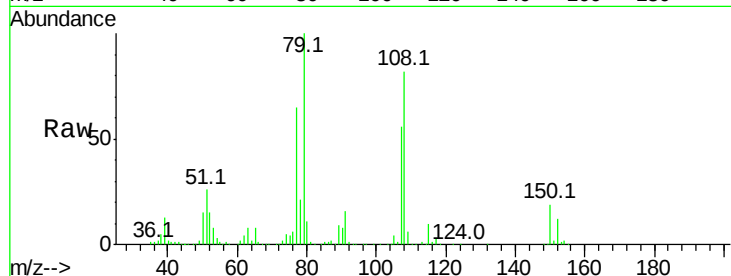
ClientSampleId :

PB89820BS

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Tot Ion:	79	Resp:	651884
Ion Ratio	Lower	Upper	
79	100		
108	81.5	64.8	97.2
77	64.5	51.9	77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.77 ng

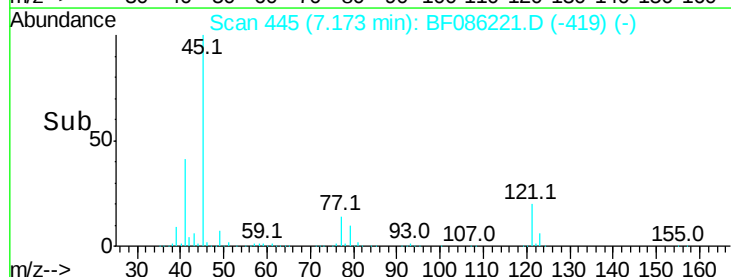
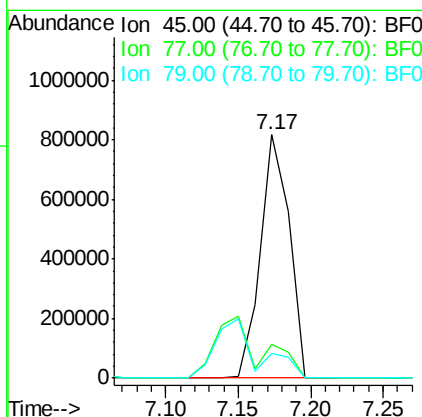
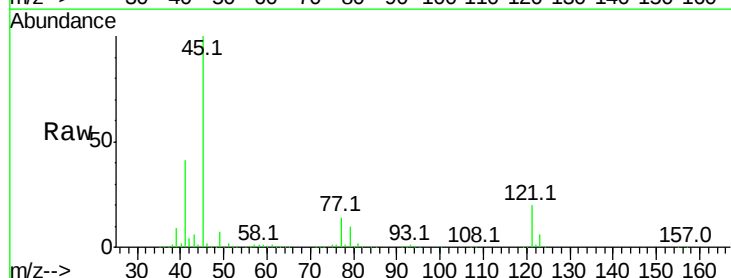
RT: 7.17 min Scan# 445

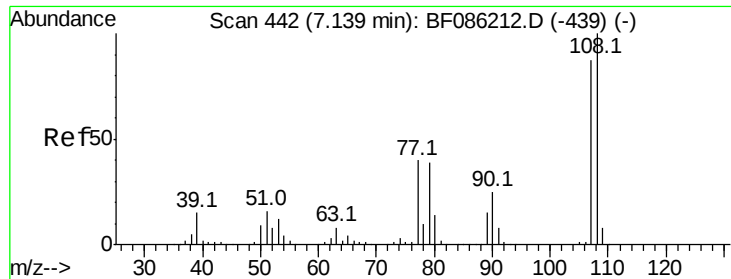
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:	45	Resp:	1121370
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.7
79	10.3	0.0	30.1





#17

2-Methylphenol

Concen: 43.61 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

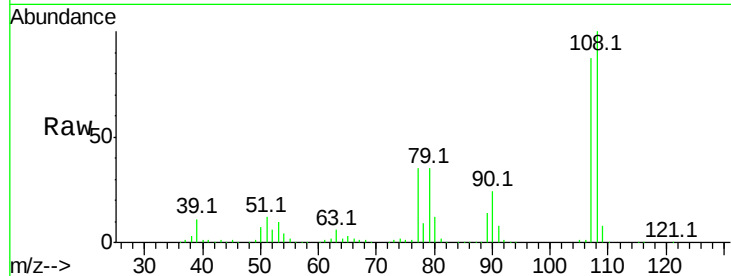
ClientSampleId :

PB89820BS

Tot Ion:	107	Resp:	680982
Ion Ratio	Lower	Upper	
107	100		
108	114.6	92.7	139.1
77	40.6	39.6	59.4
79	39.7	37.4	56.2

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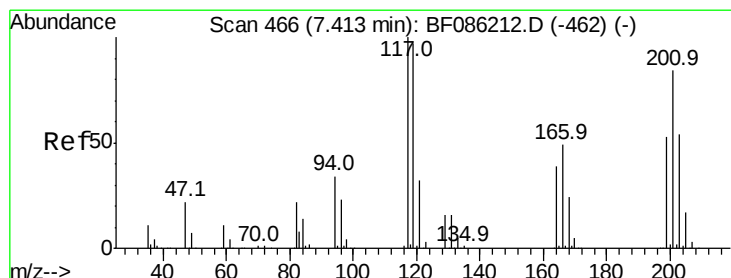
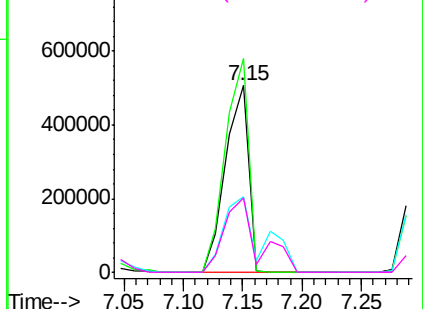
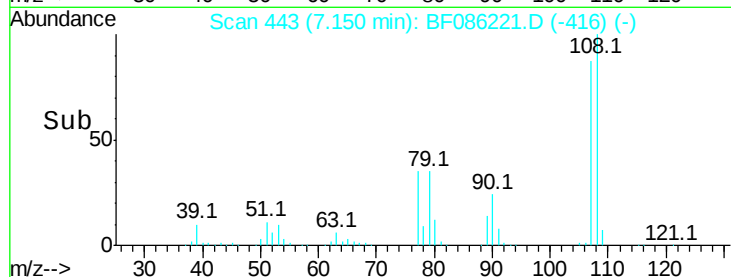


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.58 ng

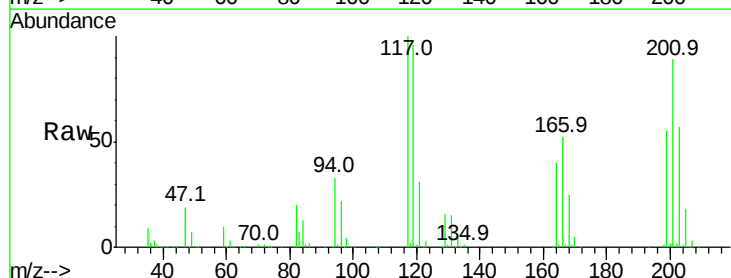
RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

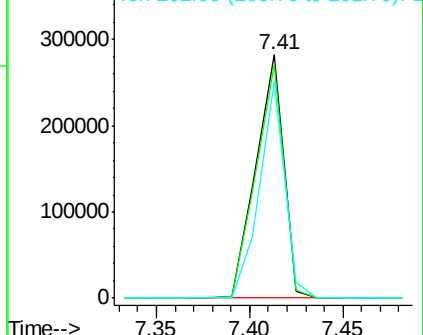
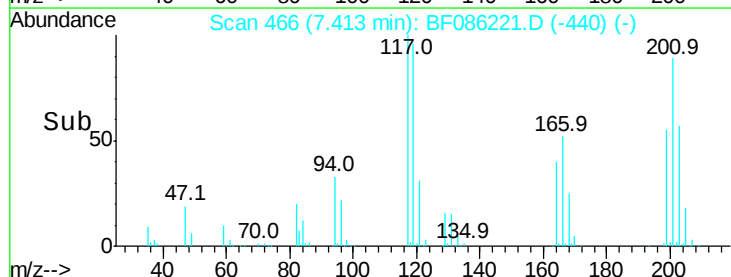
Tgt Ion:	117	Resp:	289966
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.2	117.4
201	88.8	75.7	113.5

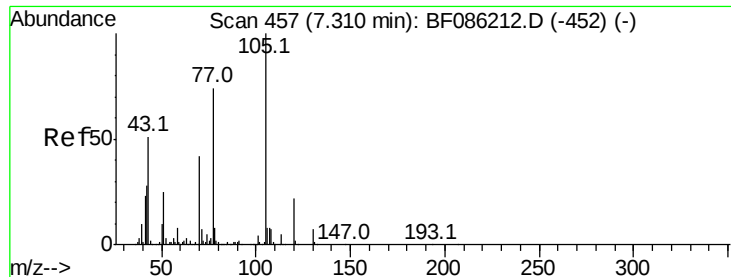


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





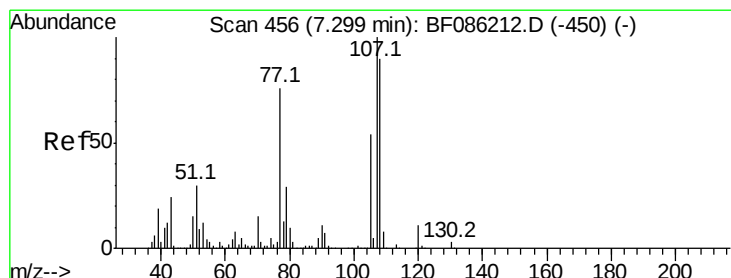
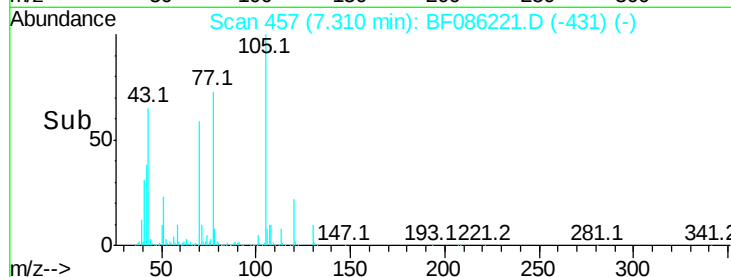
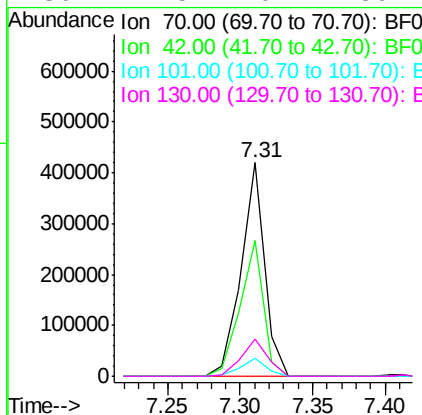
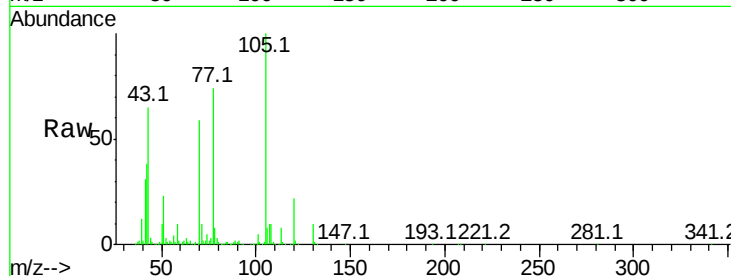
#19
n-Nitroso-di-n-propylamine
Concen: 35.51 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.4	43.0	64.4	
101	8.4	8.1	12.1	
130	17.5	20.1	30.1	#

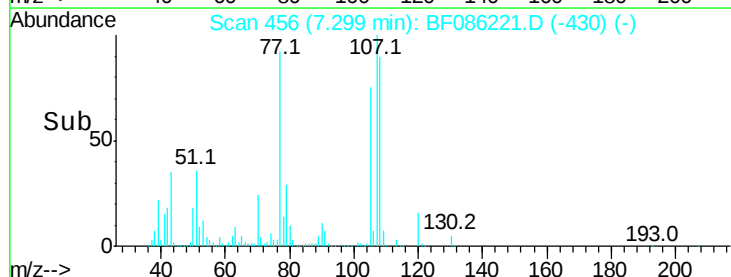
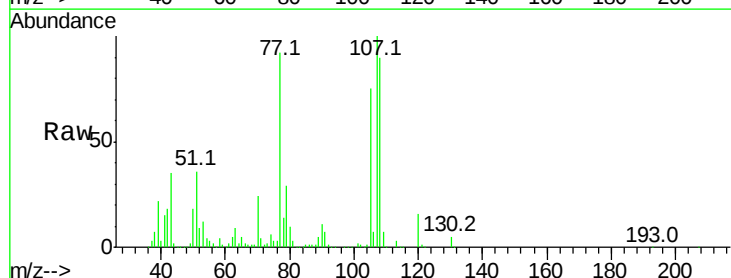
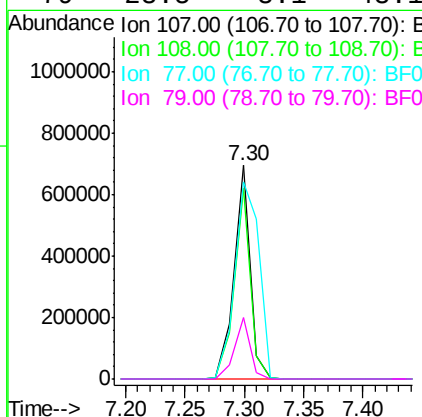
Manual Integrations
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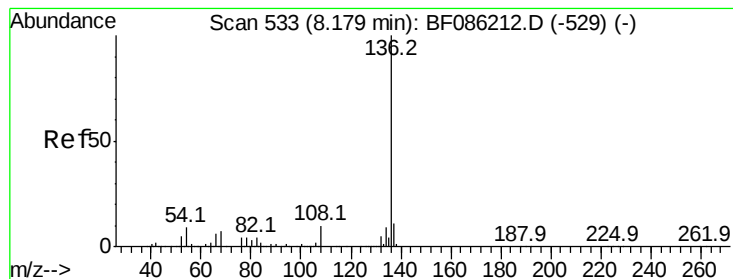
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#20
3+4-Methylphenols
Concen: 37.53 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	69.7	109.7	
77	92.4	60.5	100.5	
79	28.5	8.1	48.1	





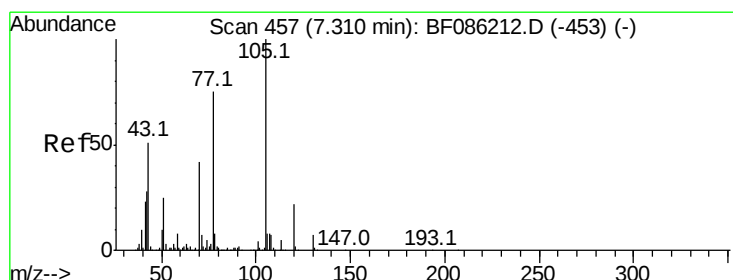
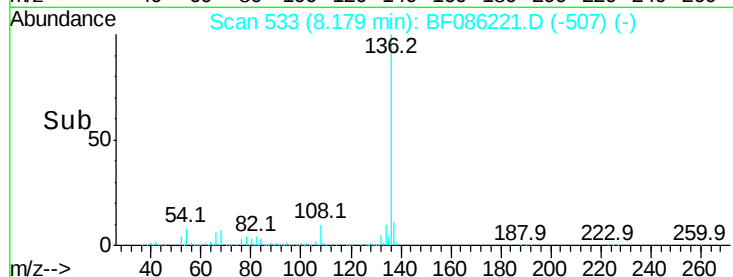
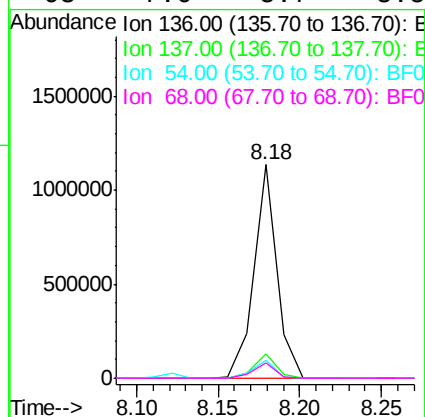
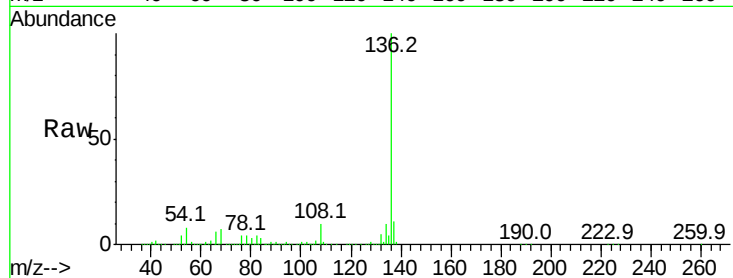
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1103034		
137	11.4		9.1	13.7
54	8.3		7.3	10.9
68	7.0		5.7	8.5

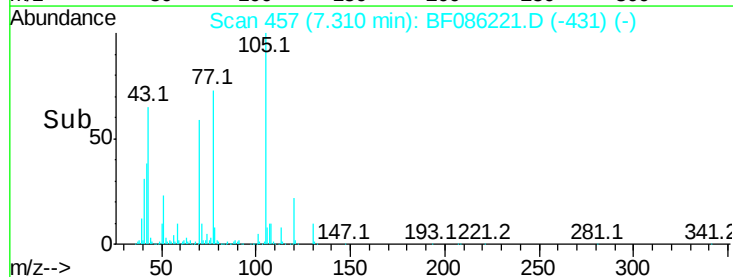
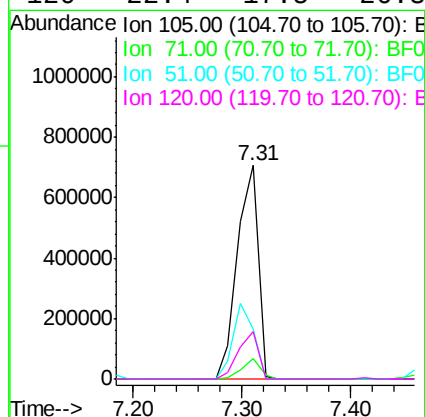
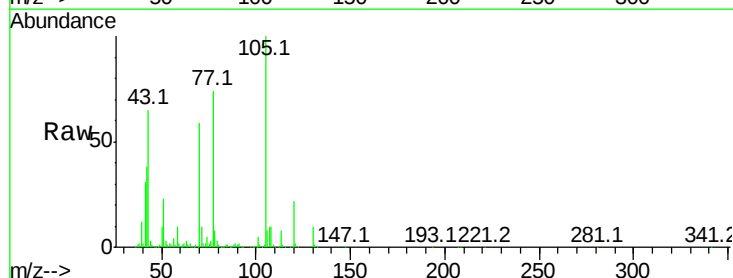
Manual Integrations
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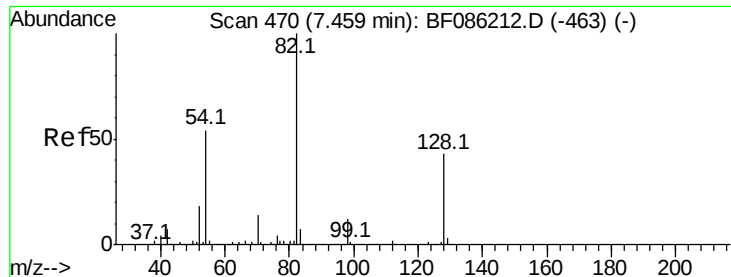
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#22
Acetophenone
Concen: 44.83 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	923609		
71	9.8		4.0	6.0#
51	23.3		22.0	33.0
120	22.4		17.5	26.3





#23

Nitrobenzene-d5

Concen: 78.93 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion: 82 Resp: 1509486

Ion Ratio Lower Upper

82 100

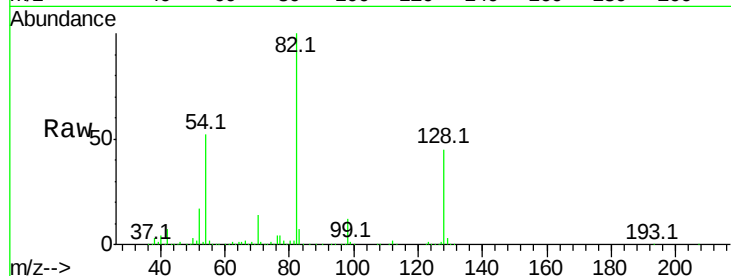
128 44.7 35.4 53.2

54 51.9 43.4 65.0

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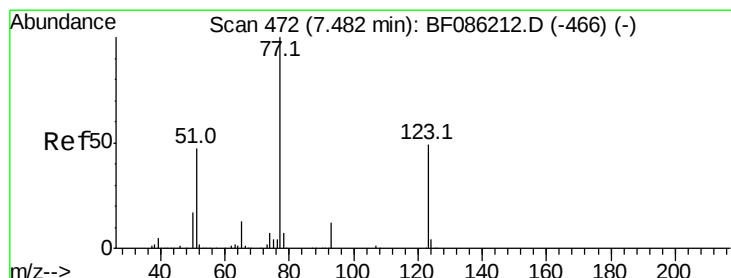
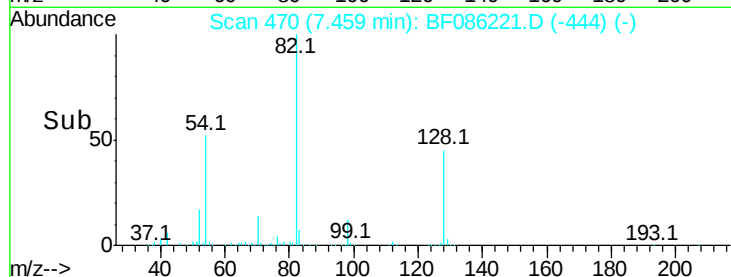
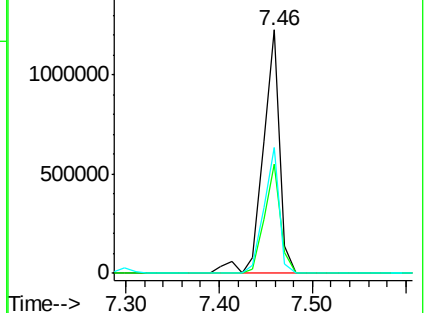
4/18/2016 7:29:46 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.94 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

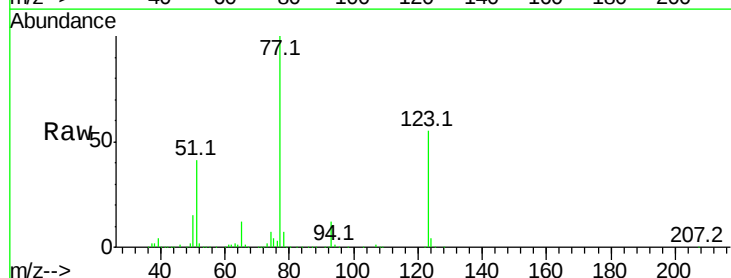
Tgt Ion: 77 Resp: 856014

Ion Ratio Lower Upper

77 100

123 54.6 38.3 57.5

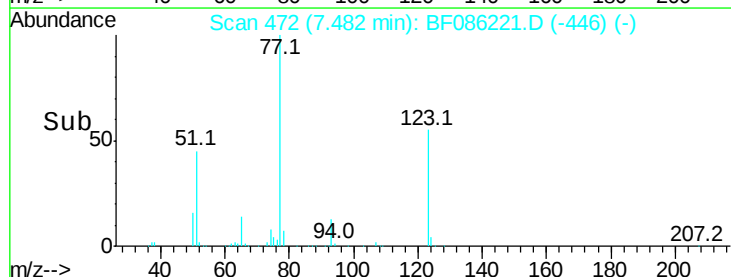
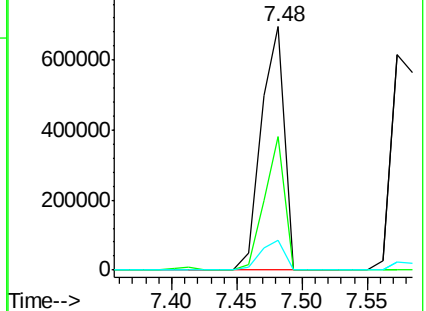
65 12.3 11.3 16.9

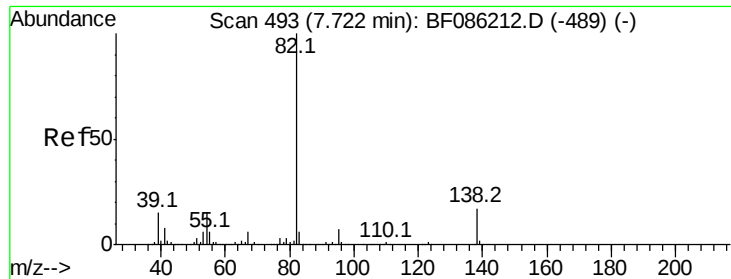


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.72 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion: 82 Resp: 1545102

Ion Ratio Lower Upper

82 100

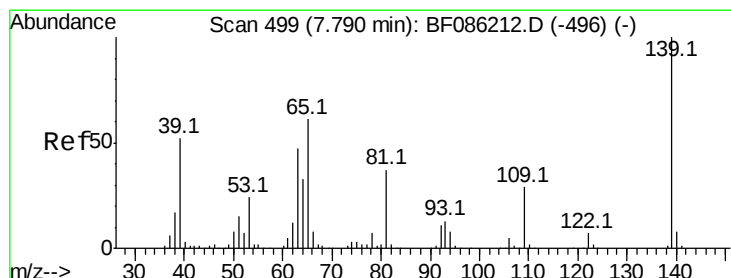
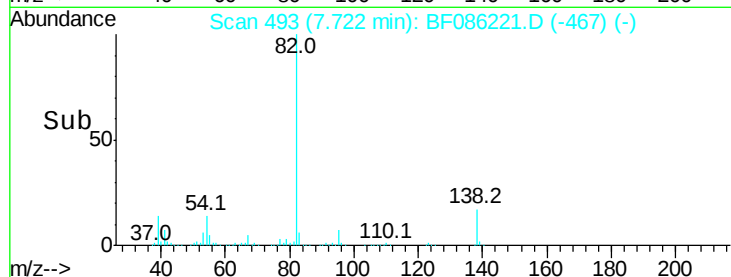
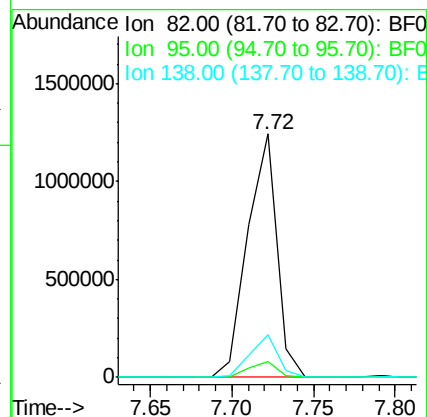
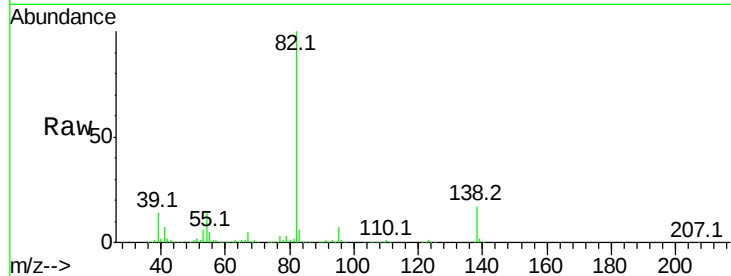
95 6.7 5.4 8.2

138 17.4 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.75 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

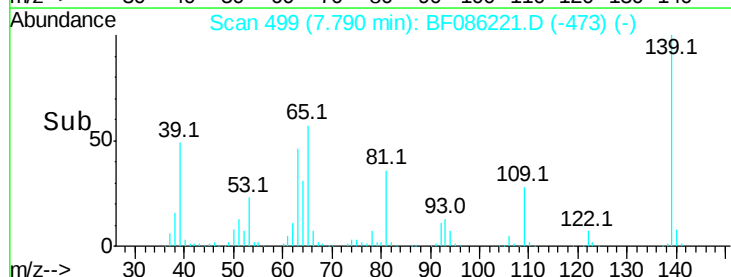
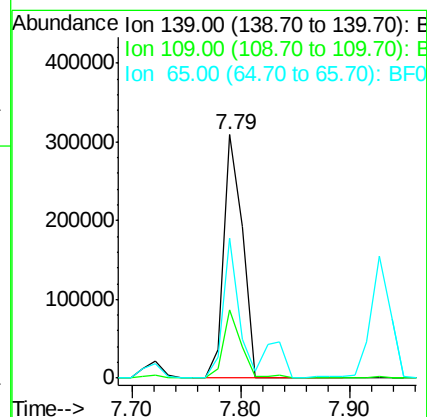
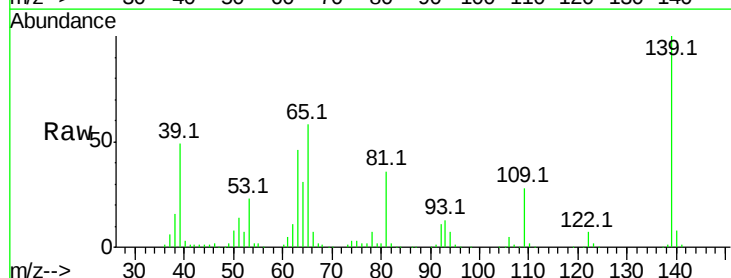
Tgt Ion: 139 Resp: 371478

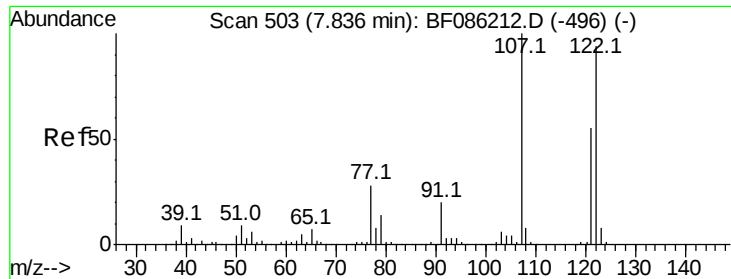
Ion Ratio Lower Upper

139 100

109 28.0 25.8 38.8

65 57.6 50.2 75.2





#27

2,4-Dimethylphenol

Concen: 41.97 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

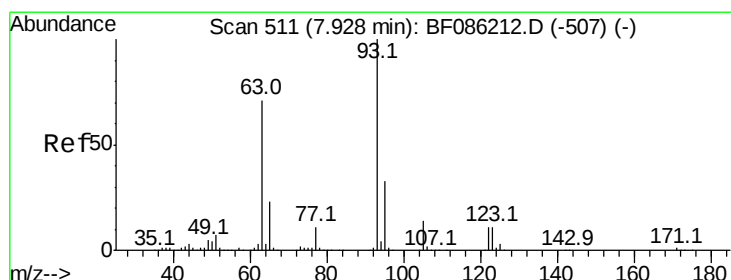
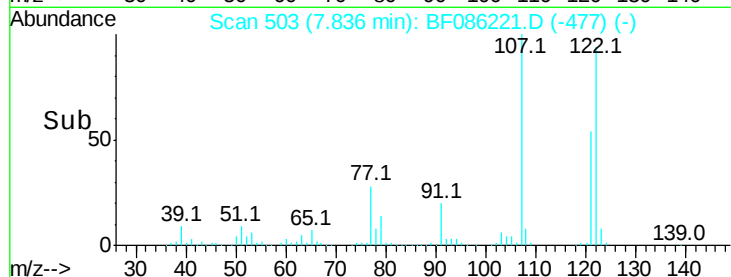
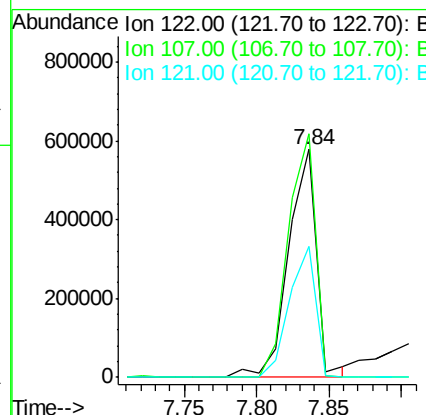
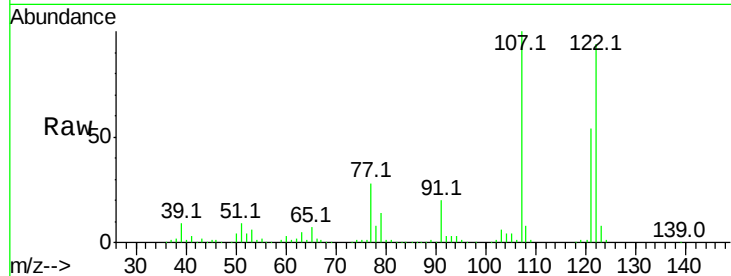
ClientSampleId :

PB89820BS

Tot Ion:	122	Resp:	772610
Ion Ratio	Lower	Upper	
122	100		
107	106.9	85.8	128.6
121	57.7	47.1	70.7

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#28

bis(2-Chloroethoxy)methane

Concen: 39.85 ng

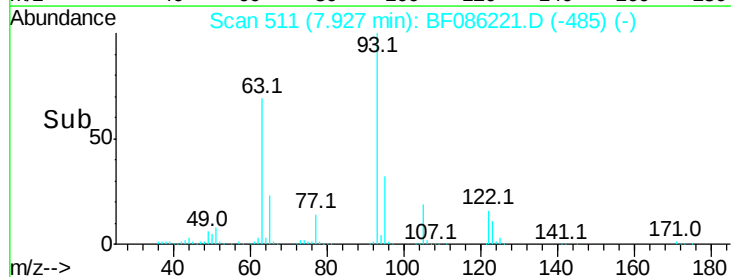
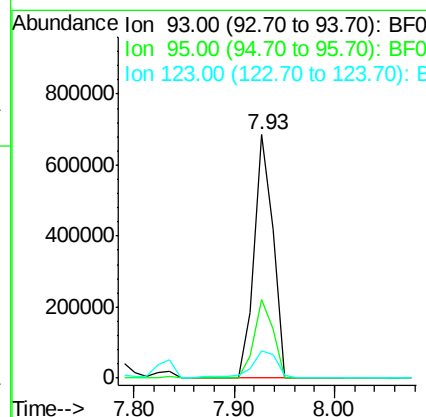
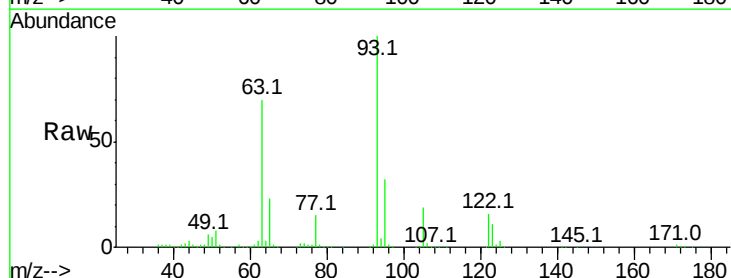
RT: 7.93 min Scan# 511

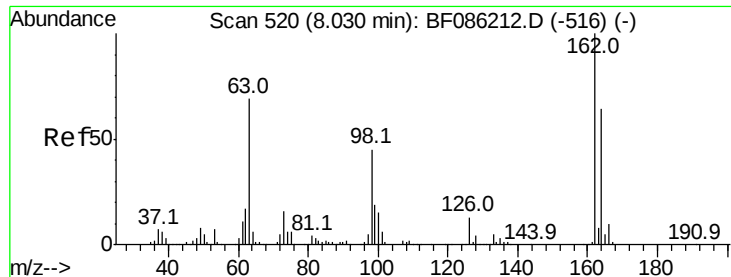
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:	93	Resp:	889027
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.8
123	11.2	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 40.50 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

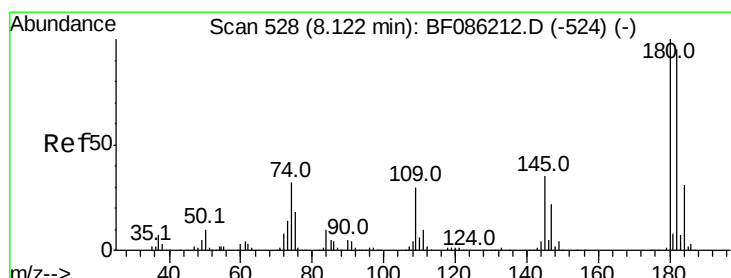
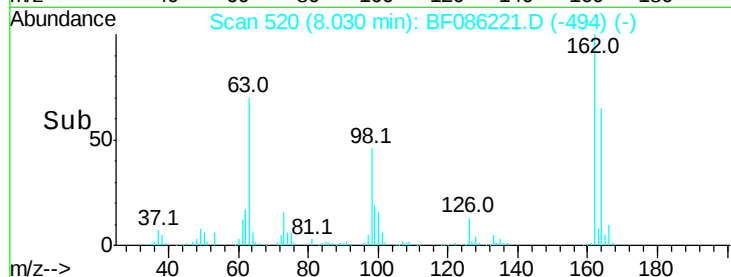
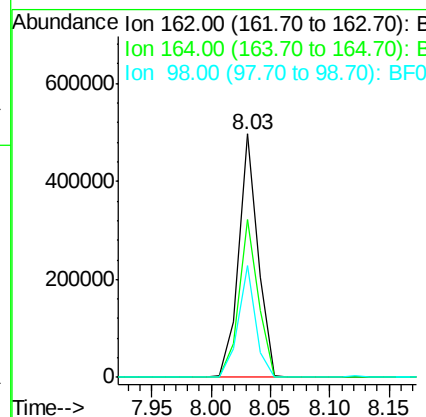
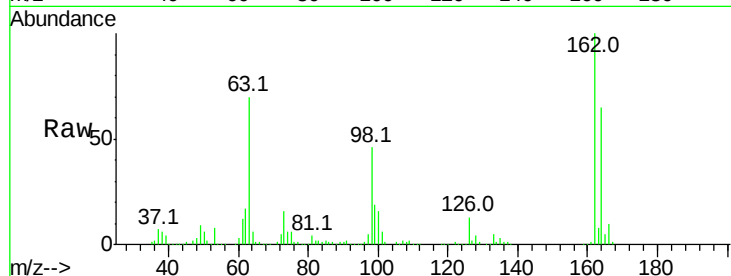
ClientSampleId :

PB89820BS

Tot Ion:	162	Resp:	566839
Ion Ratio	Lower	Upper	
162	100		
164	64.8	43.3	83.3
98	46.1	22.9	62.9

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 39.60 ng

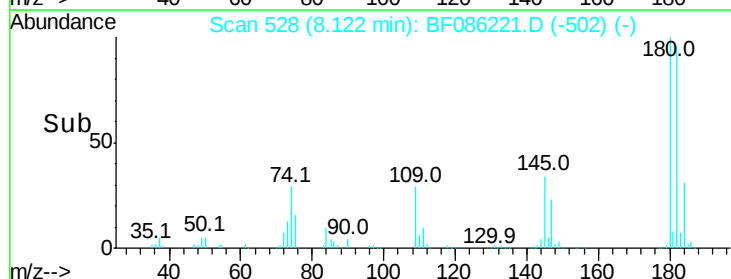
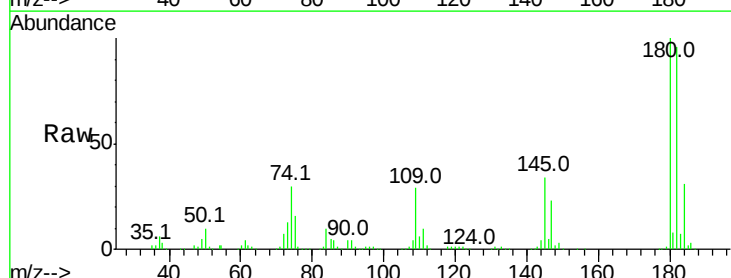
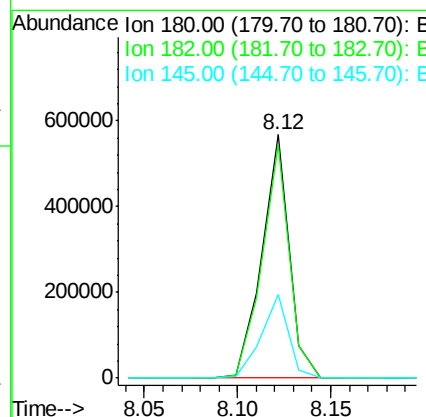
RT: 8.12 min Scan# 528

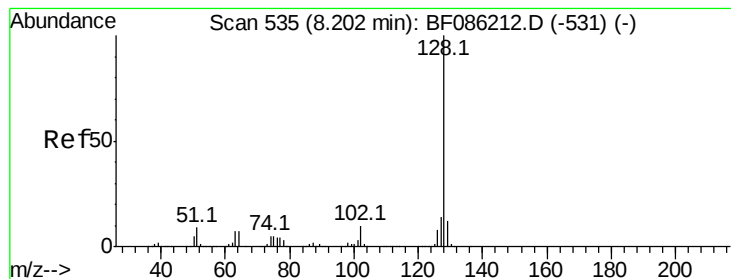
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:	180	Resp:	580065
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.3	114.5
145	34.5	27.4	41.2





#31

Naphthalene

Concen: 40.87 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:128 Resp: 2013292

Ion Ratio Lower Upper

128 100

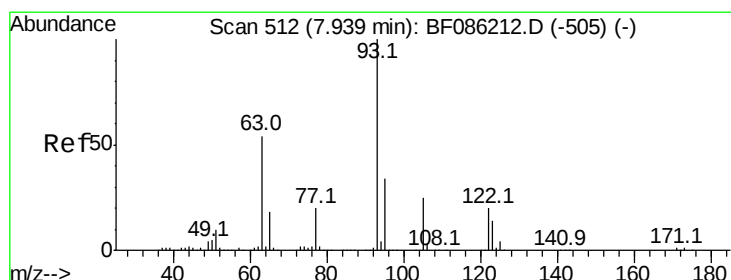
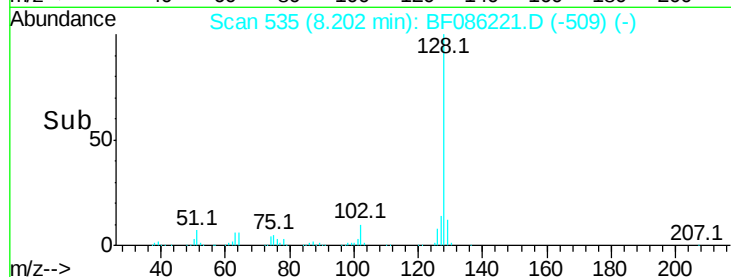
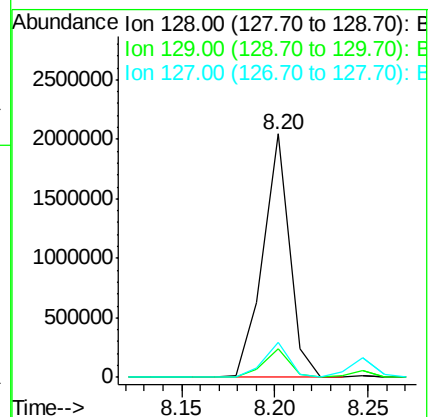
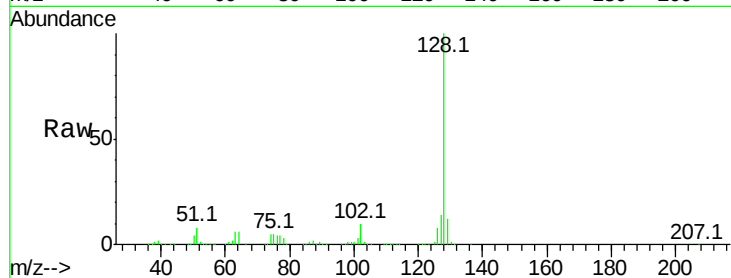
129 11.7 9.6 14.4

127 14.2 11.4 17.2

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#32

Benzoic acid

Concen: 40.91 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

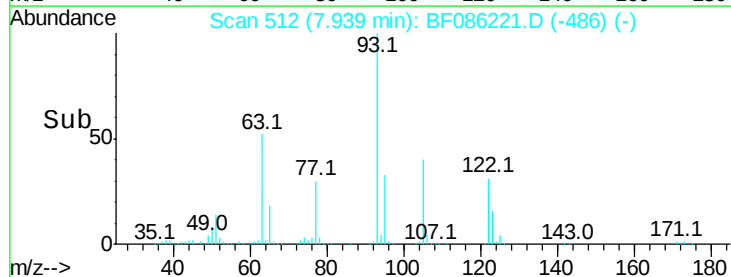
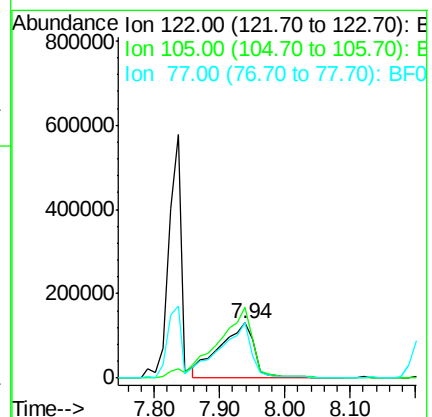
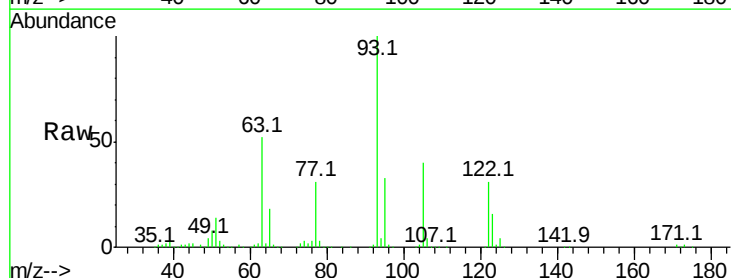
Tgt Ion:122 Resp: 481444

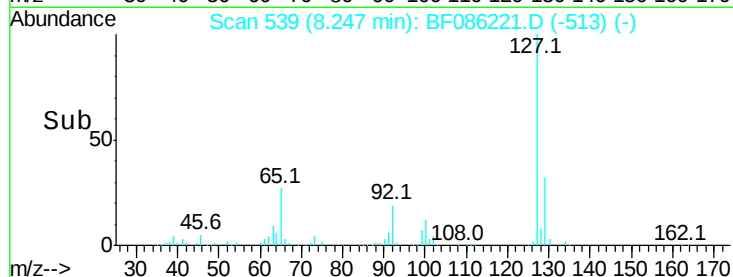
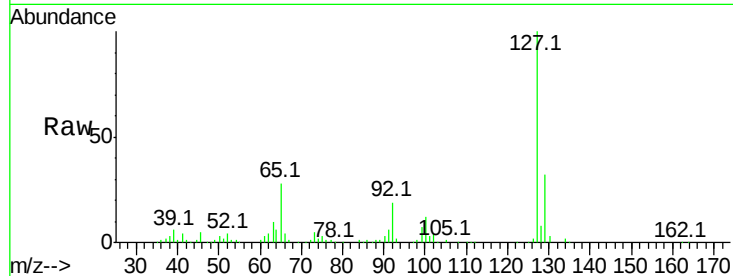
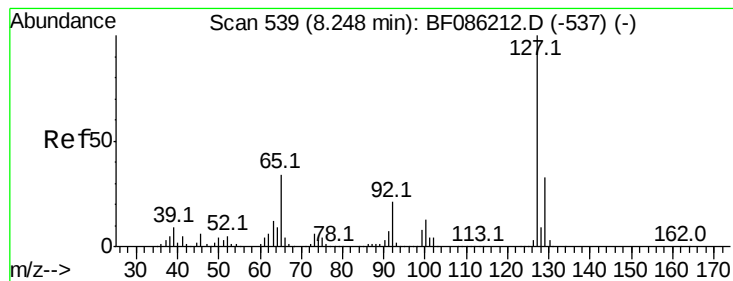
Ion Ratio Lower Upper

122 100

105 127.9 103.7 143.7

77 99.5 74.9 114.9





#33

4-Chloroaniline

Concen: 7.64 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.8	40.2		
65	28.3	27.1	40.7		
92	18.8	16.2	24.2		

Instrument :

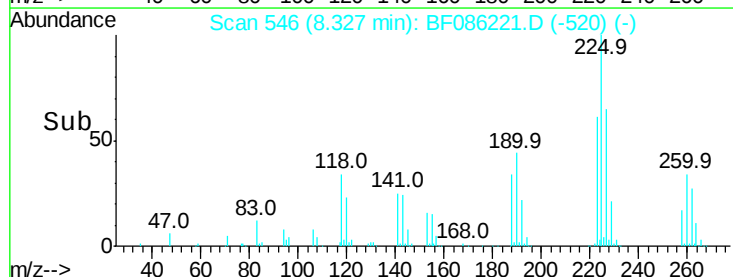
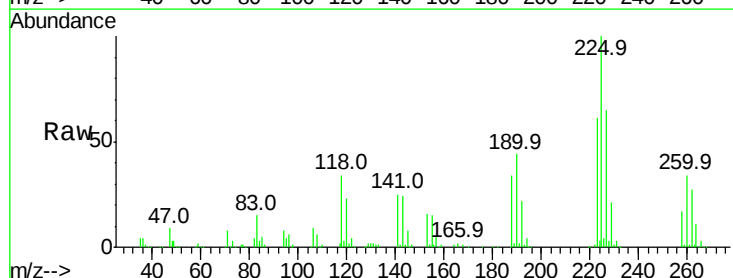
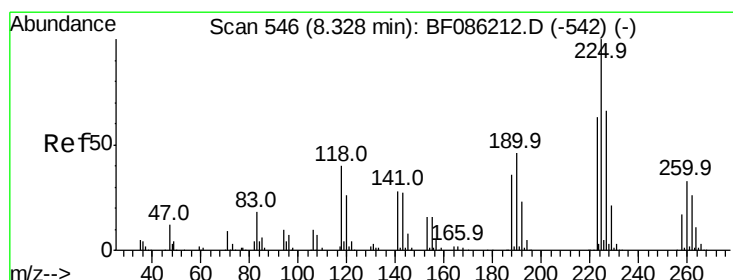
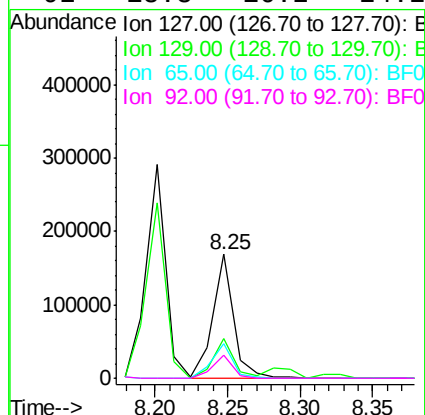
BNA_F

ClientSampleId :

PB89820BS

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#34

Hexachlorobutadiene

Concen: 41.04 ng

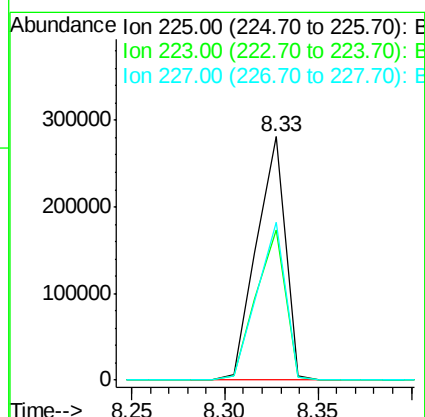
RT: 8.33 min Scan# 546

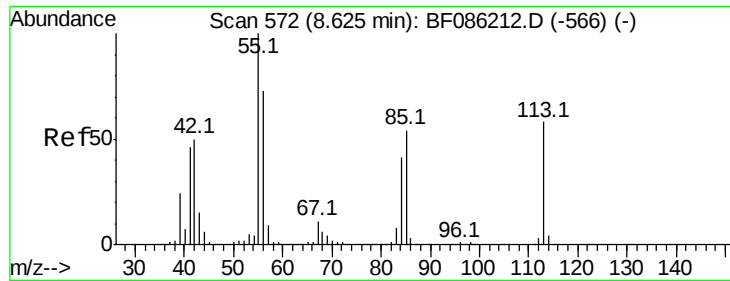
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.4	74.0		
227	64.6	51.1	76.7		





#35

Caprolactam

Concen: 42.01 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

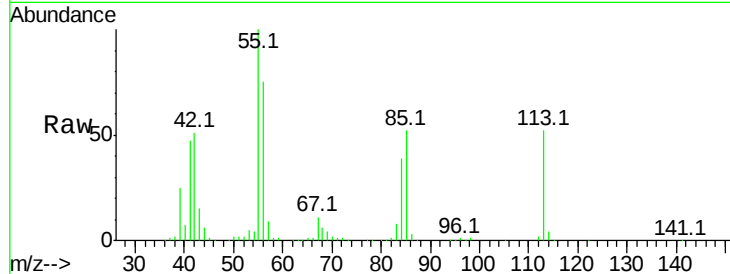
ClientSampleId :

PB89820BS

Tot Ion:	113	Resp:	212919
Ion Ratio	Lower	Upper	
113	100		
55	192.8	117.5	157.5#
56	143.7	82.5	122.5#

Manual Integrations
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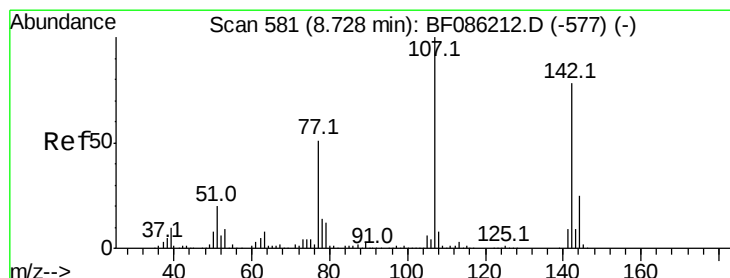
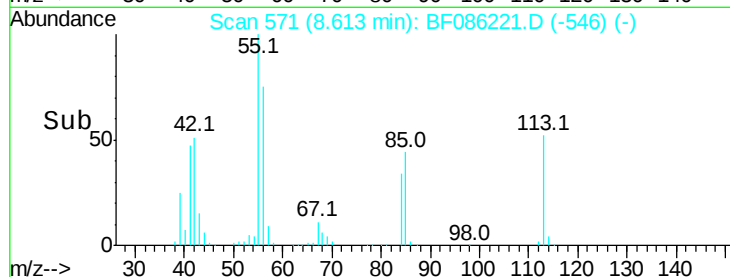
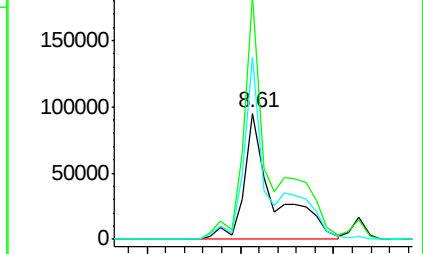
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.28 ng

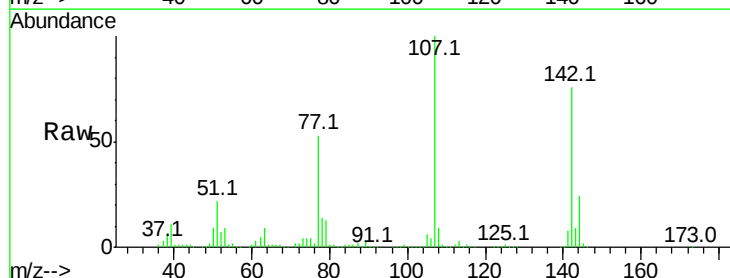
RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

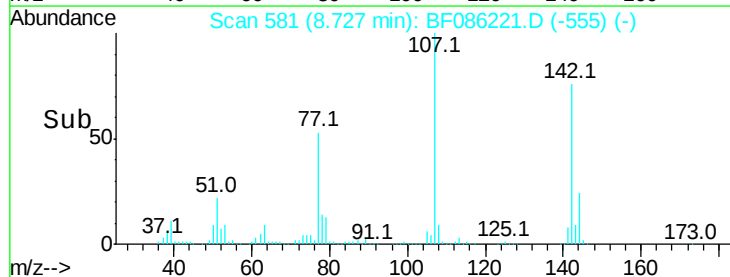
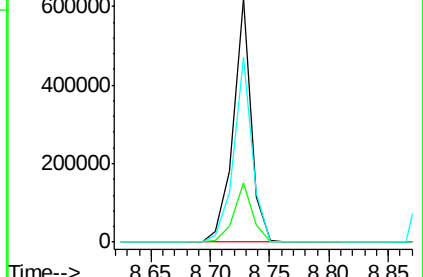
Tgt Ion:	107	Resp:	653370
Ion Ratio	Lower	Upper	
107	100		
144	24.3	20.7	31.1
142	76.0	64.5	96.7

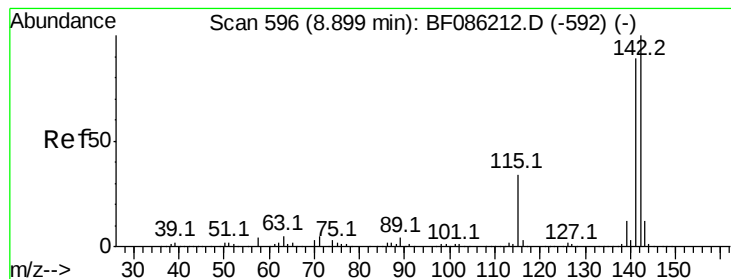


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





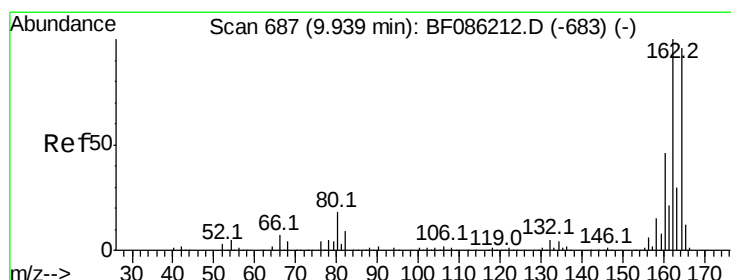
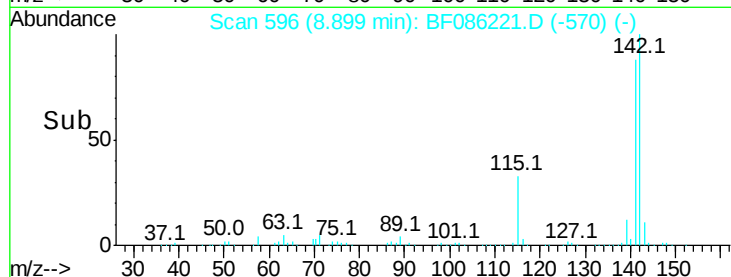
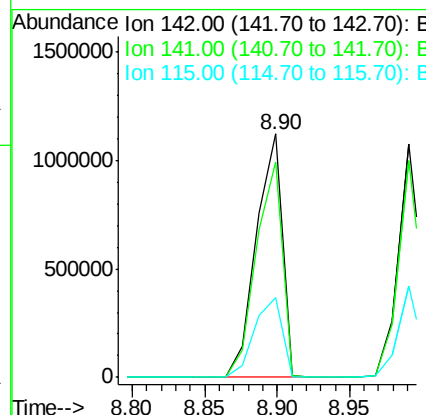
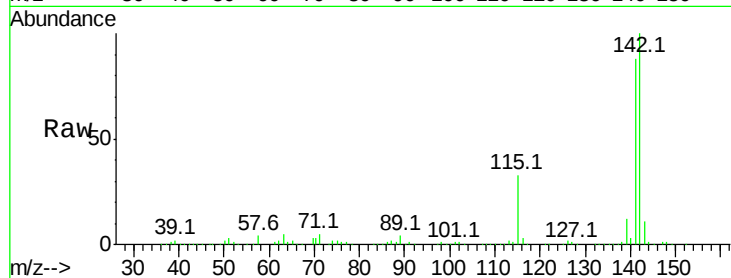
#37
2-Methylnaphthalene
Concen: 43.81 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	32.8	25.1	37.7

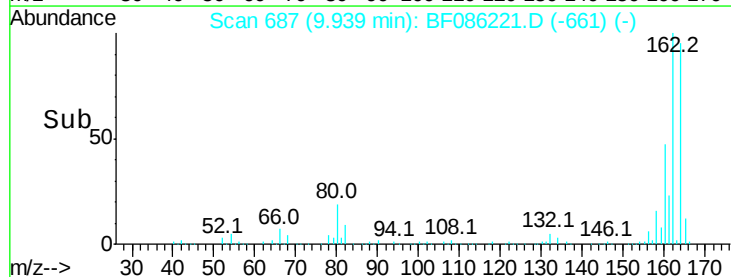
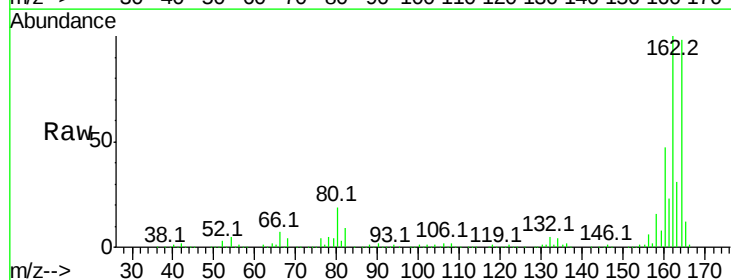
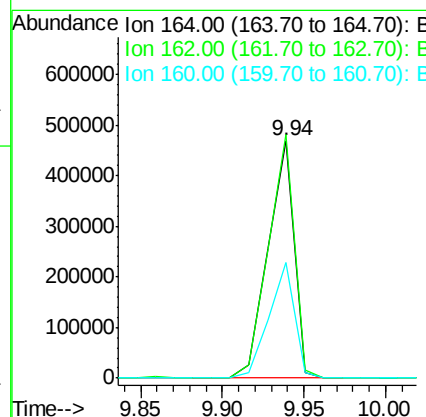
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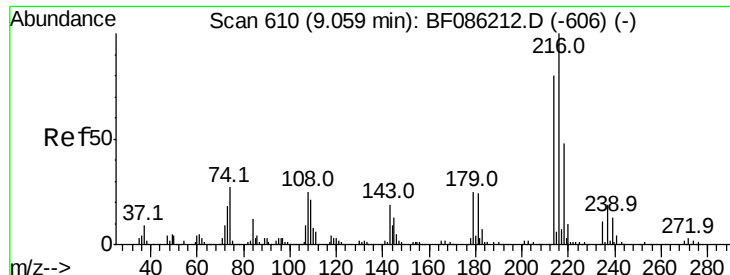
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	48.4	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.83 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

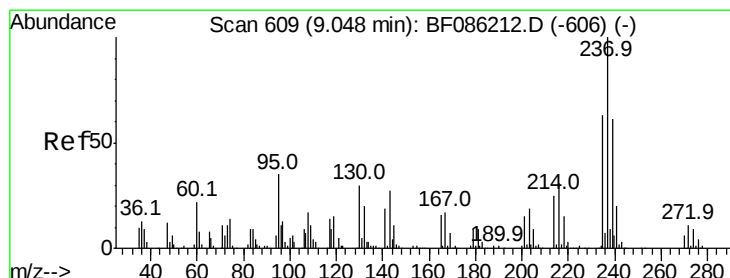
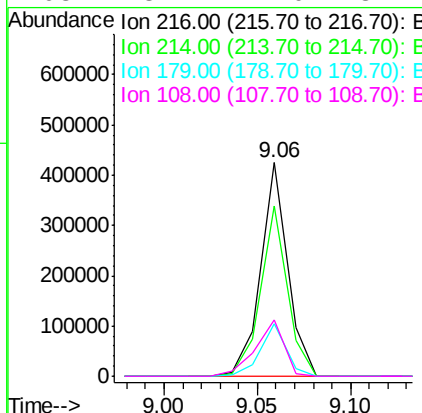
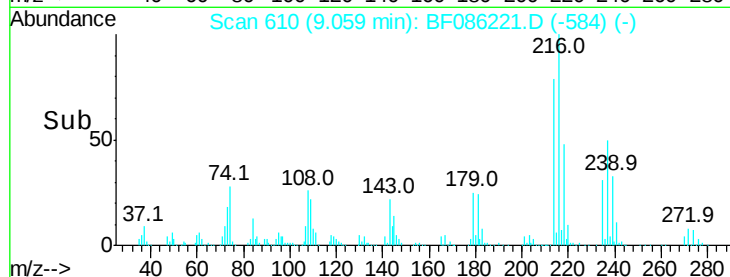
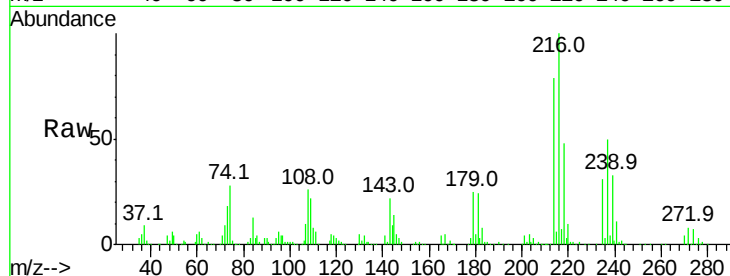
ClientSampleId :

PB89820BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.8	64.9	97.3		
179	23.3	19.8	29.6		
108	28.1	21.0	31.4		



#40

Hexachlorocyclopentadiene

Concen: 76.81 ng

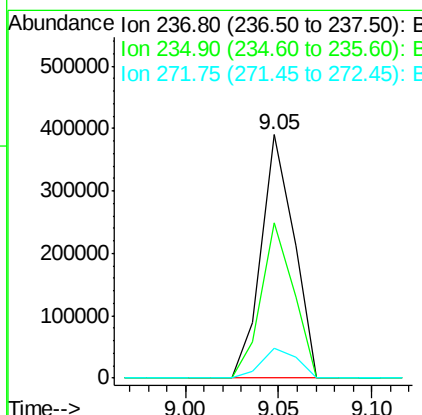
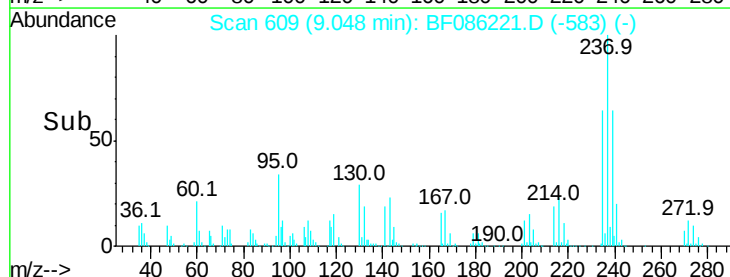
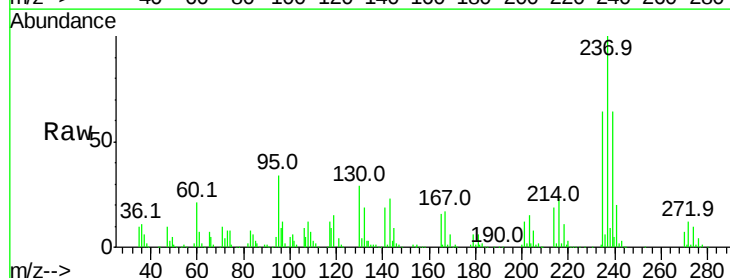
RT: 9.05 min Scan# 609

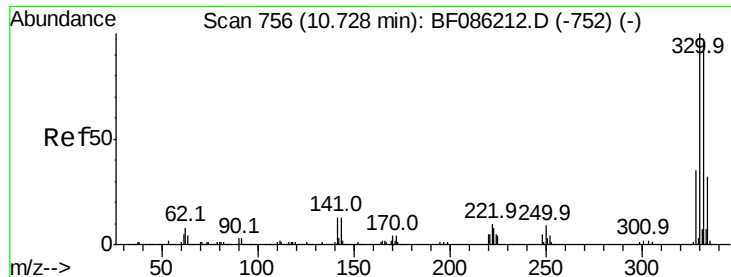
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.0	44.0	84.0		
272	12.5	0.0	32.4		





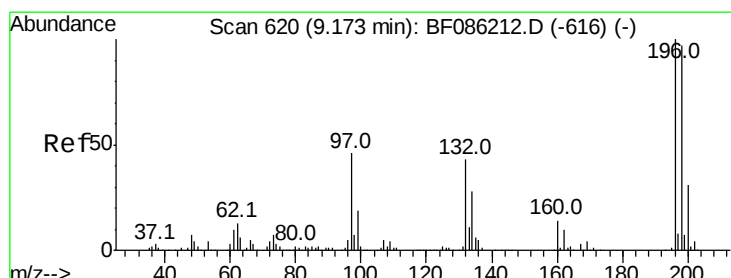
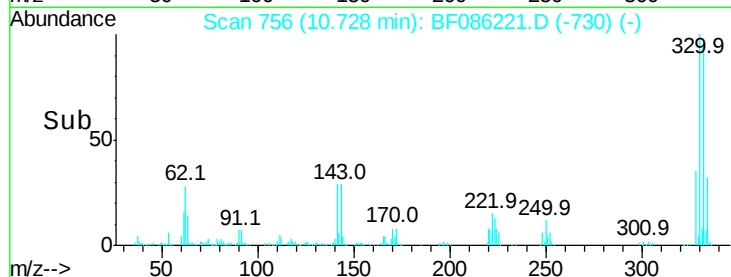
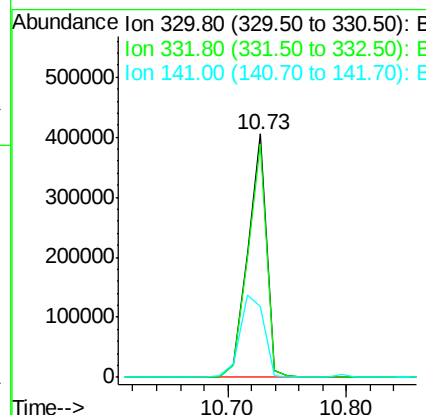
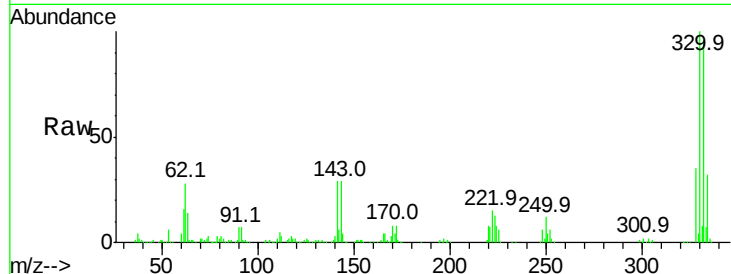
#41
 2,4,6-Tribromophenol
 Concen: 106.32 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleID :
 PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	447159		
332	96.0	78.7	118.1	
141	43.2	28.6	42.8	

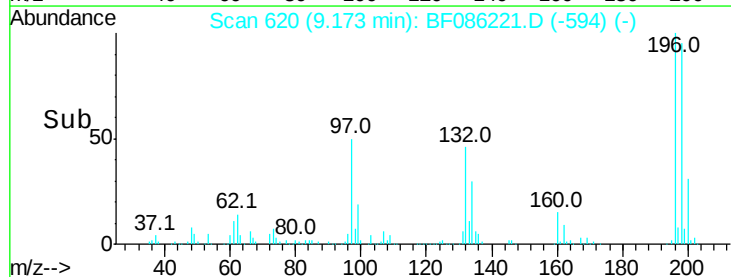
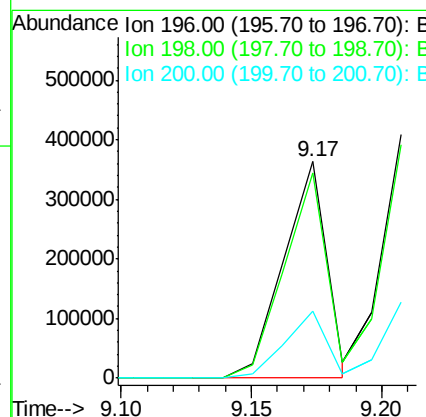
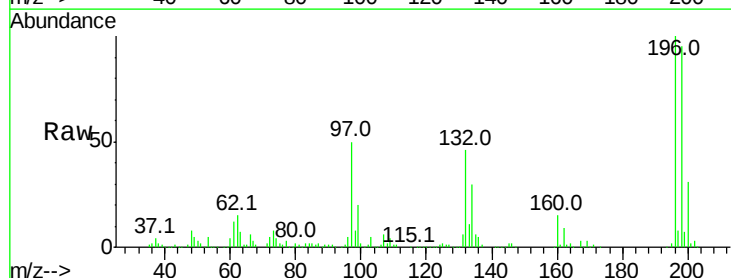
Manual Integrations
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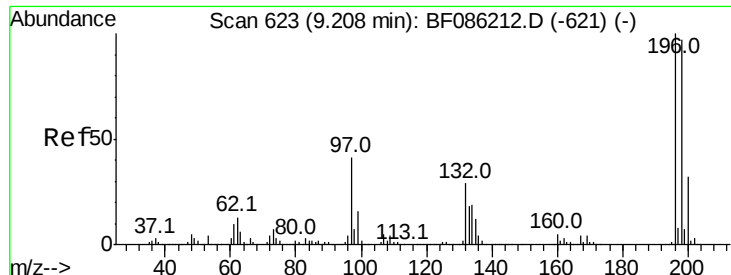
Sohil
 4/18/2016 7:29:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413971		
198	95.0	76.6	115.0	
200	31.1	25.3	37.9	





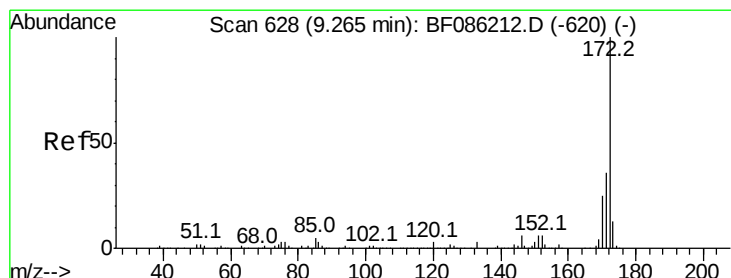
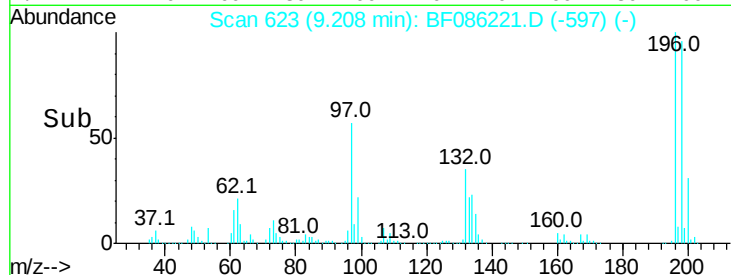
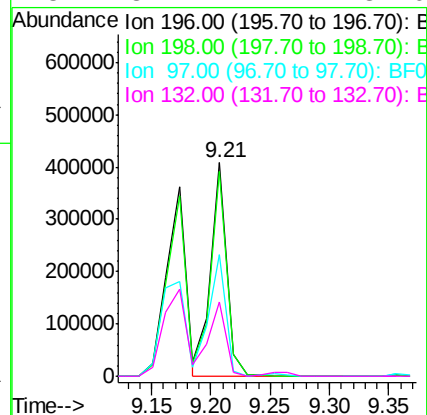
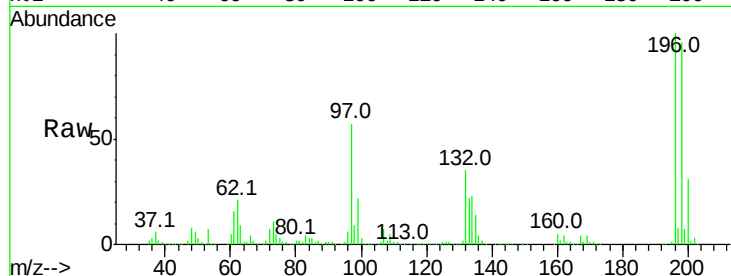
#43
 2,4,5-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	388298		
198	95.7		77.7	116.5
97	56.8		32.6	48.8#
132	34.7		21.4	32.0#

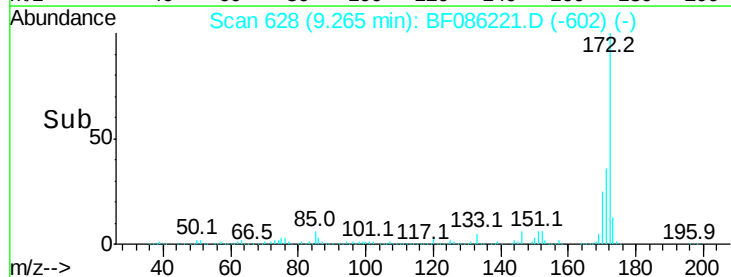
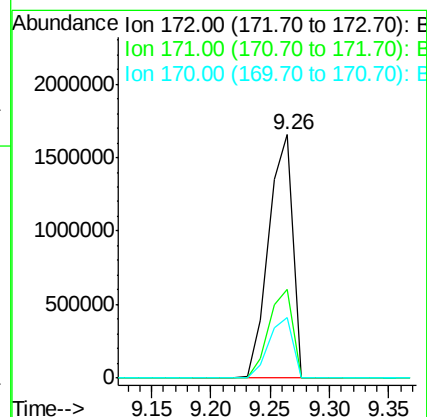
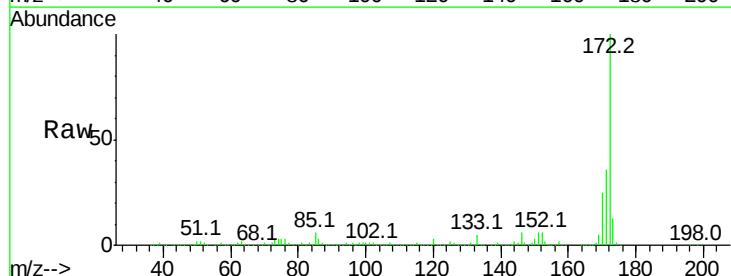
Manual Integrations
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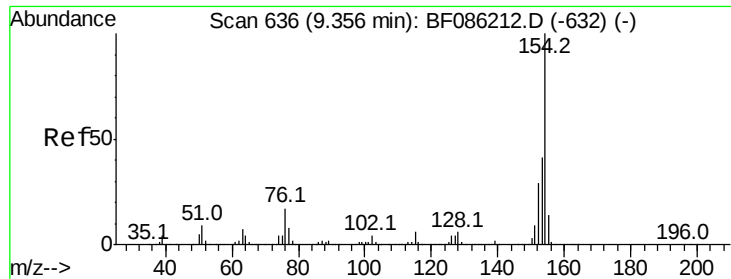
Sohil
 4/18/2016 7:29:46 PM



#44
 2-Fluorobiphenyl
 Concen: 82.59 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2344264		
171	36.5		29.1	43.7
170	25.1		19.9	29.9





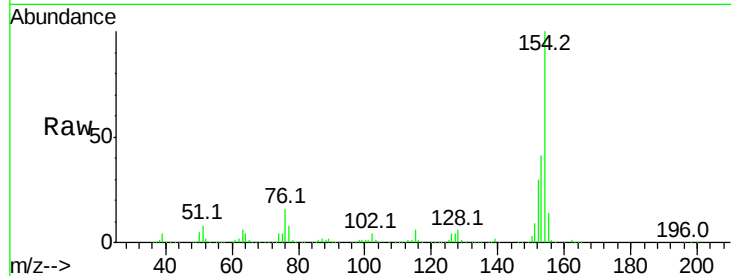
#45
 1,1'-Biphenyl
 Concen: 38.30 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

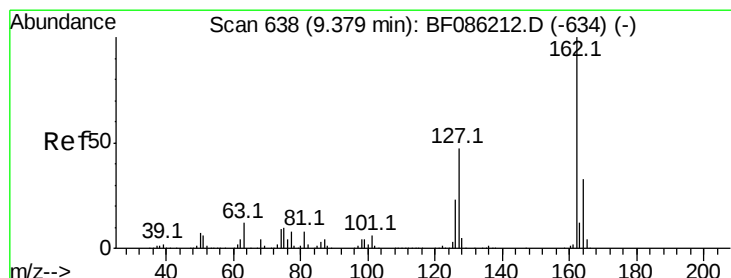
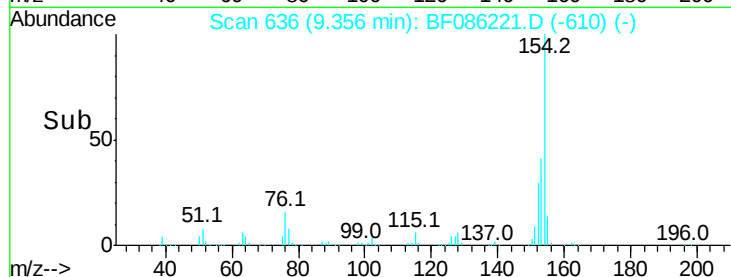
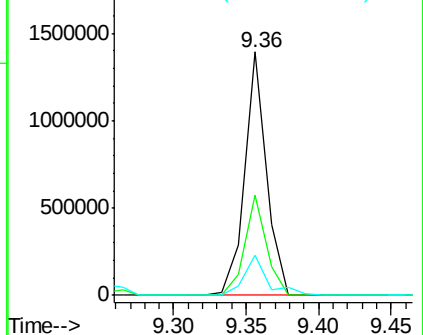
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	16.3	0.0	36.4

Manual Integrations
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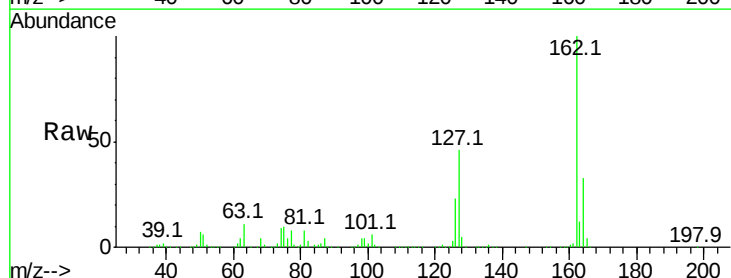


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

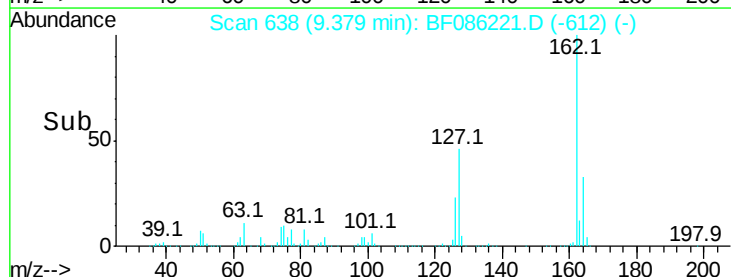
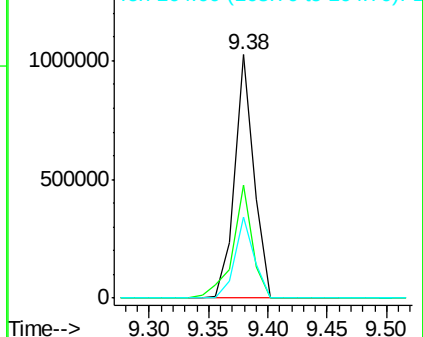


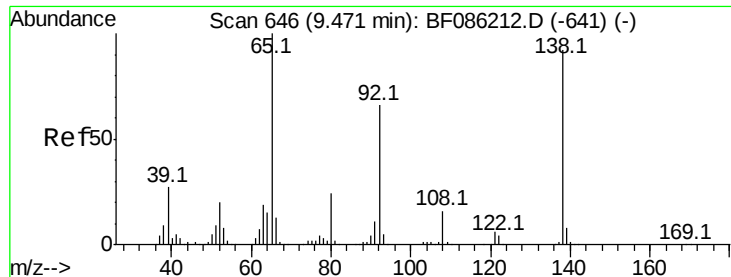
#46
 2-Chloronaphthalene
 Concen: 37.52 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	36.7	55.1
164	33.3	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





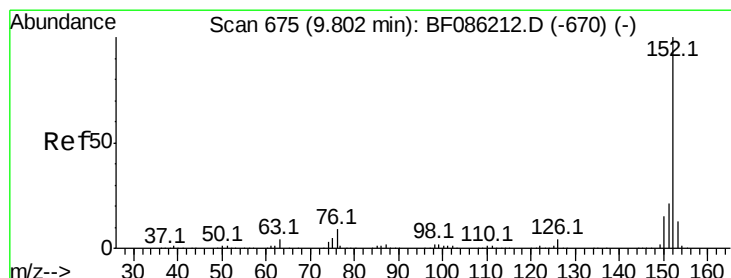
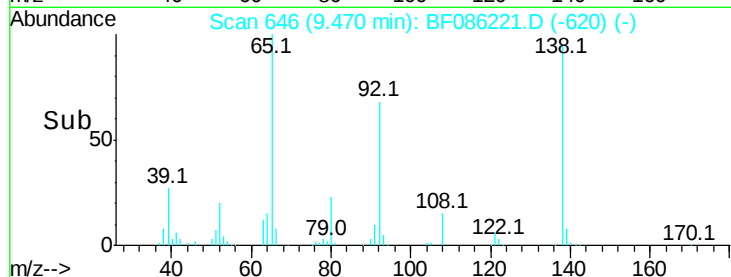
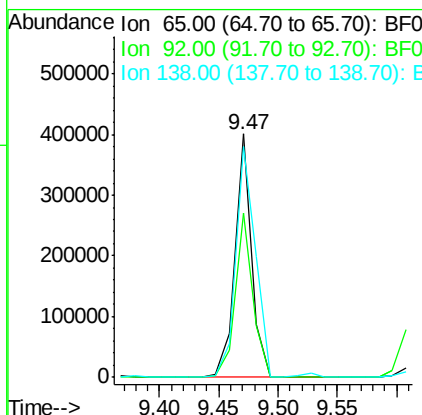
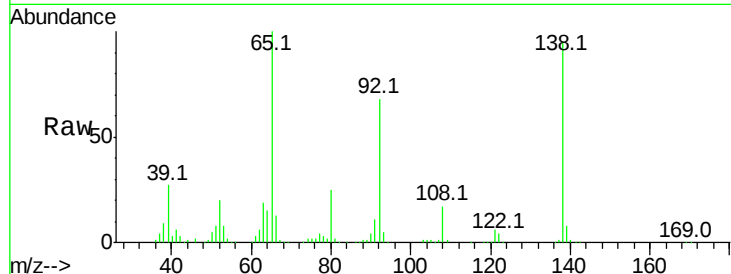
#47
2-Nitroaniline
Concen: 39.22 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleID :
PB89820BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	51.9	77.9
138	94.7	72.6	108.8

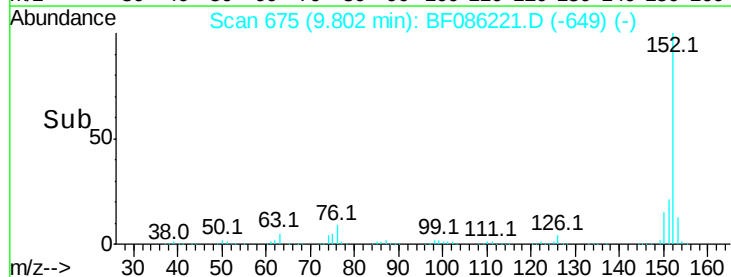
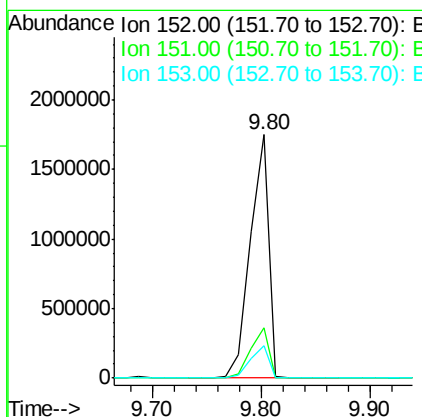
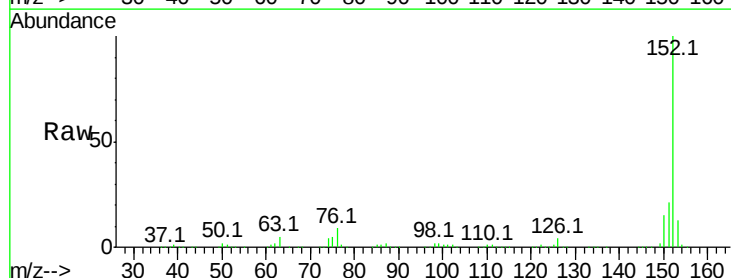
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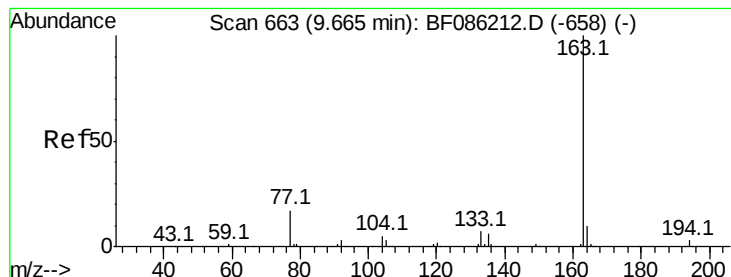
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#48
Acenaphthylene
Concen: 41.96 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 40.18 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:163 Resp: 1530191

Ion Ratio Lower Upper

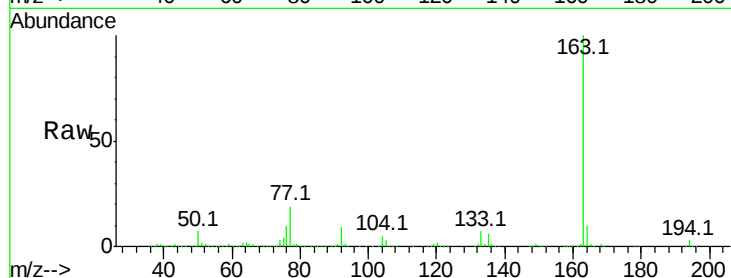
163 100

194 3.4 2.8 4.2

164 10.1 8.4 12.6

Manual Integrations
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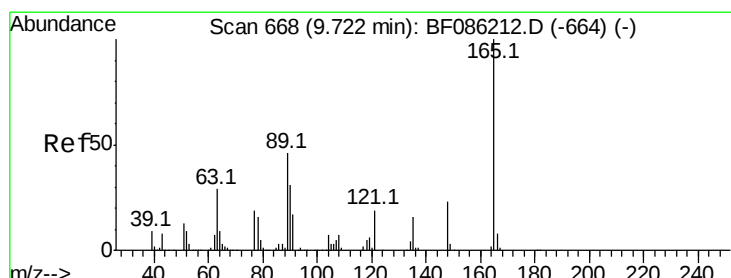
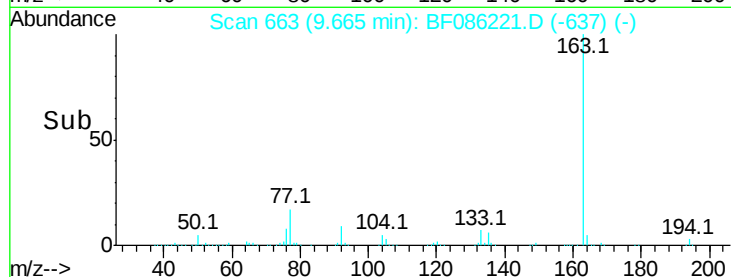
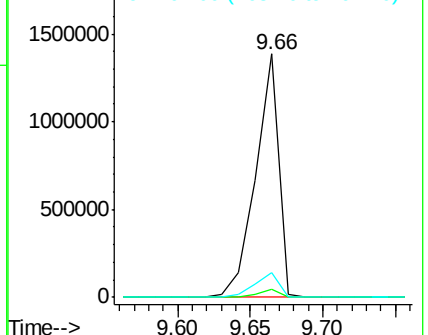
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.18 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

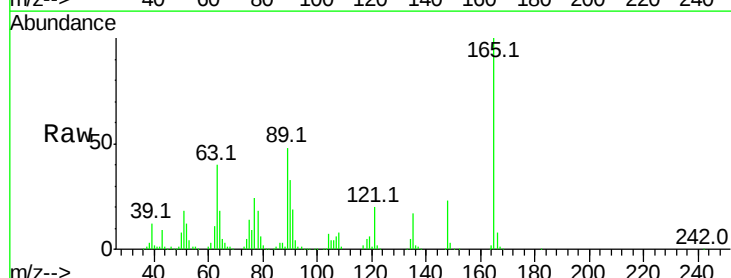
Tgt Ion:165 Resp: 363842

Ion Ratio Lower Upper

165 100

63 40.4 35.1 52.7

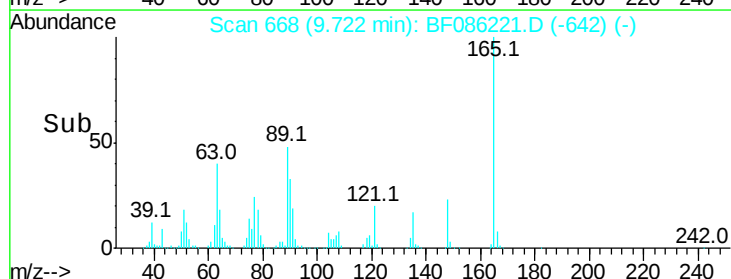
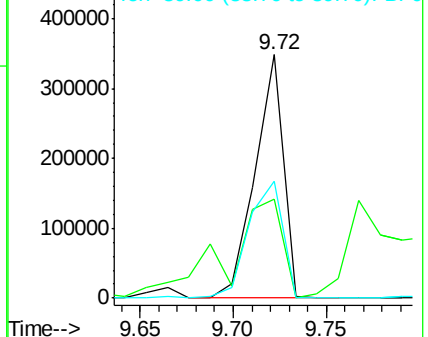
89 47.8 39.8 59.6

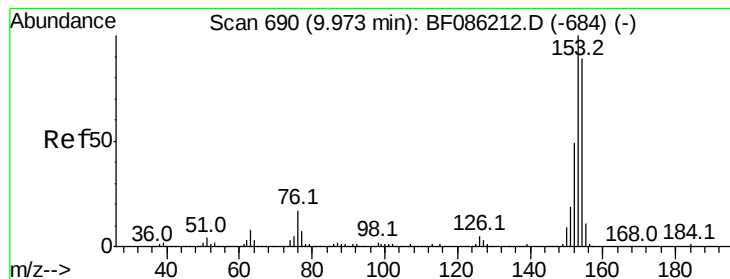


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.38 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:154 Resp: 1298717

Ion Ratio Lower Upper

154 100

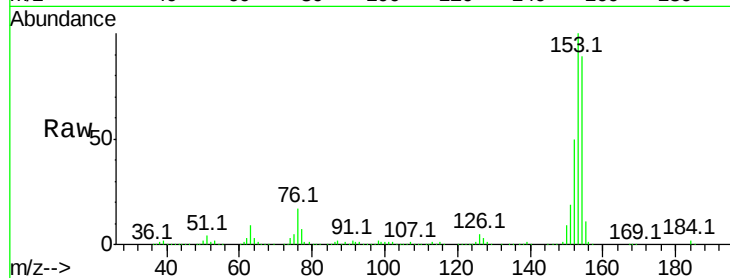
153 112.3 90.0 135.0

152 55.7 44.3 66.5

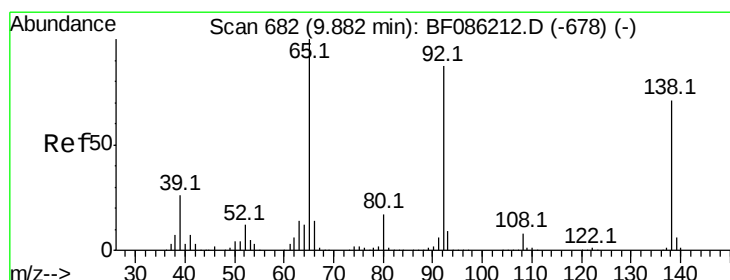
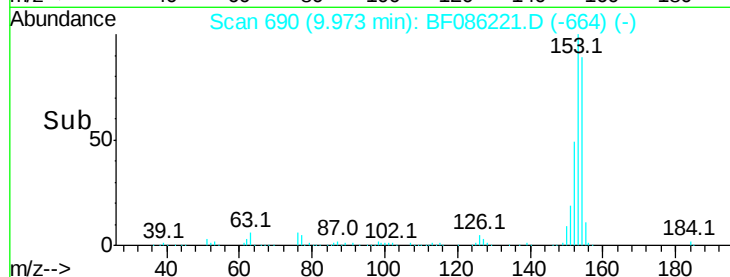
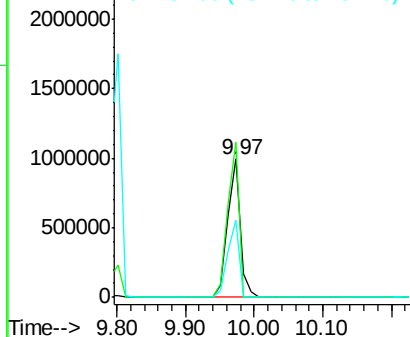
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.18 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

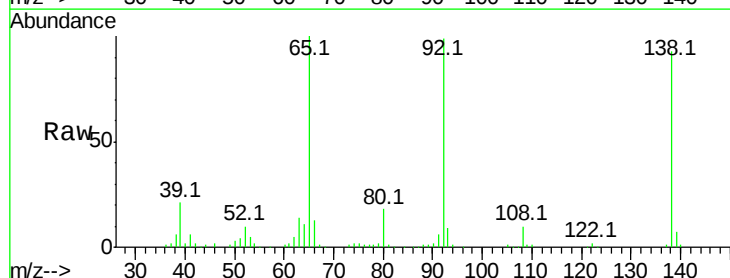
Tgt Ion:138 Resp: 145186

Ion Ratio Lower Upper

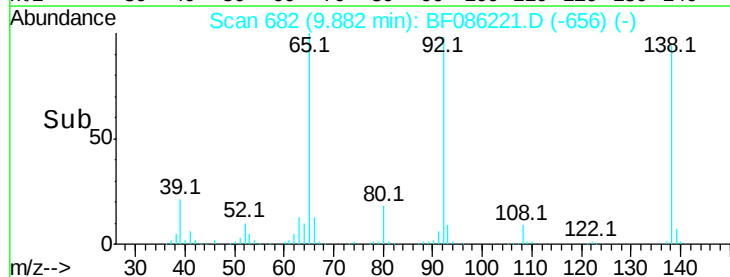
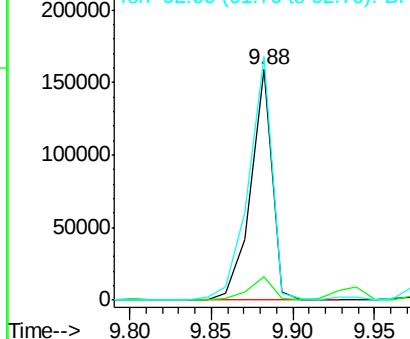
138 100

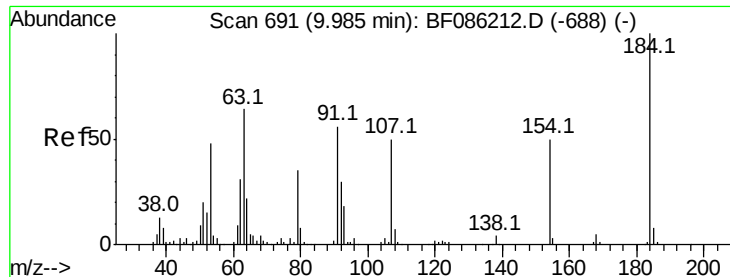
108 10.2 9.0 13.4

92 105.5 99.3 148.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





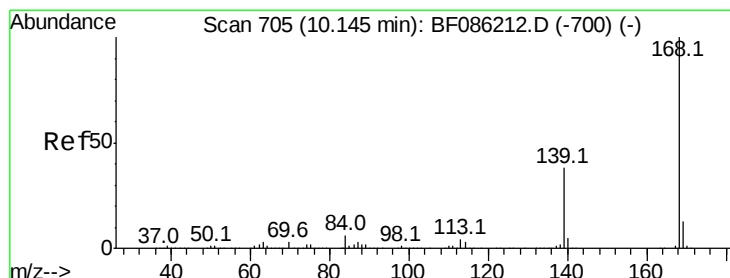
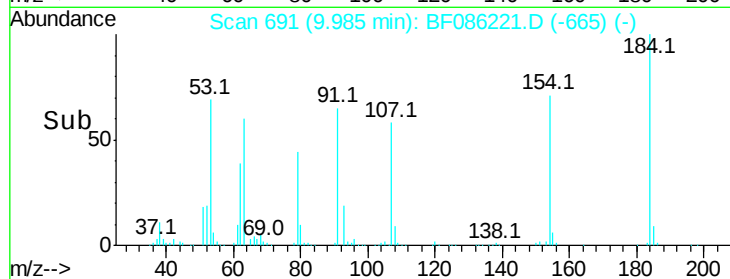
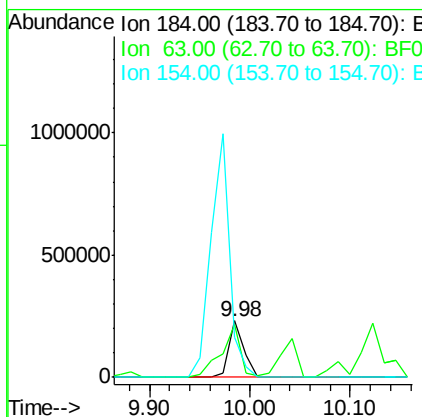
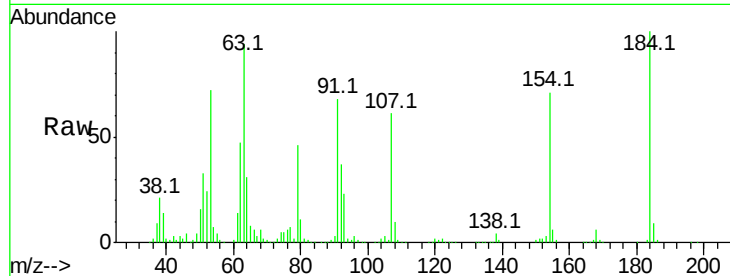
#53
 2,4-Dinitrophenol
 Concen: 76.02 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	236450		
63	93.9	64.7	97.1	
154	71.5	59.4	89.2	

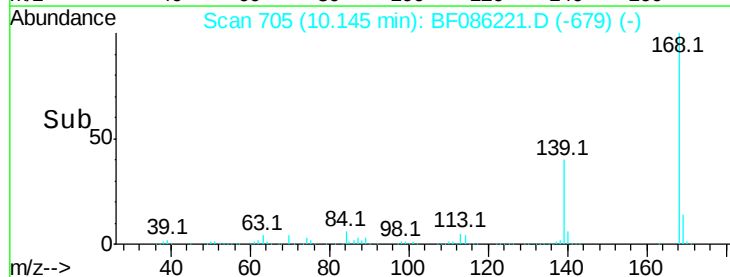
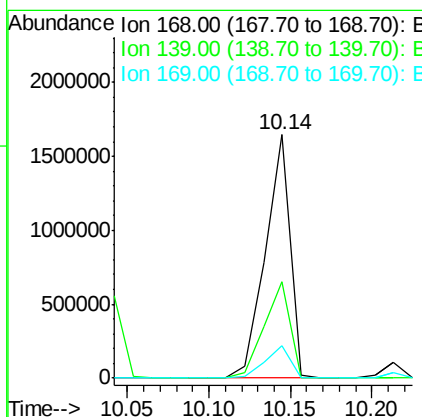
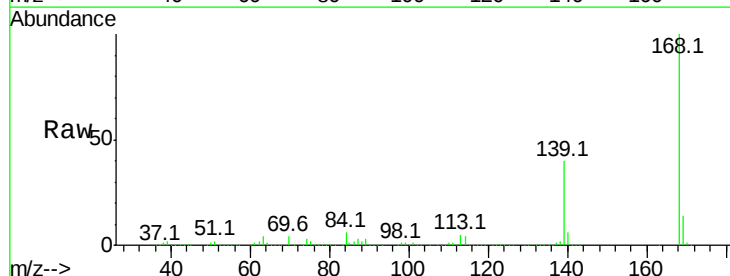
Manual Integrations
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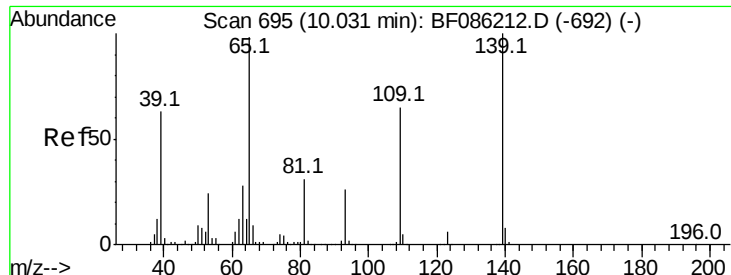
Sohil
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#54
 Dibenzofuran
 Concen: 44.90 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1735149		
139	39.7	29.5	44.3	
169	13.5	10.6	16.0	





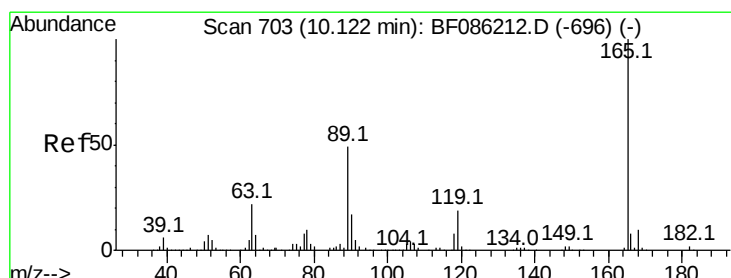
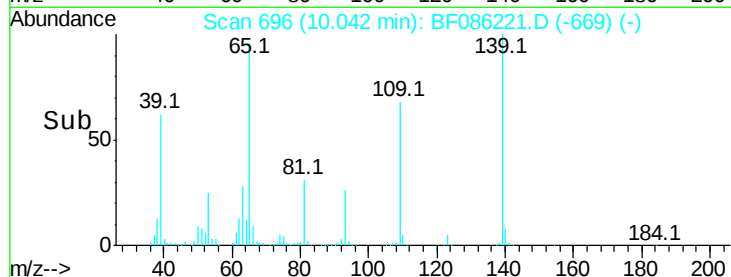
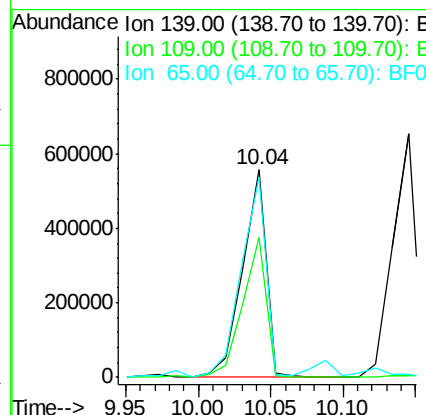
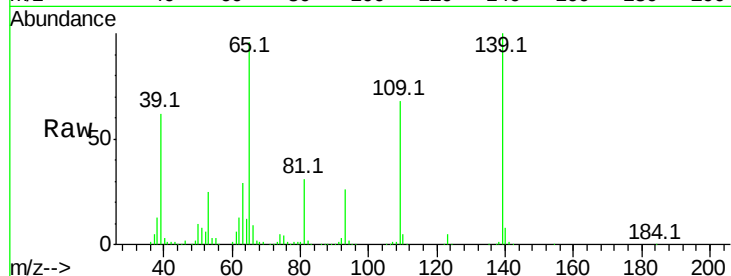
#55
4-Nitrophenol
Concen: 78.30 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.5	55.0	95.0	
65	96.5	87.3	127.3	

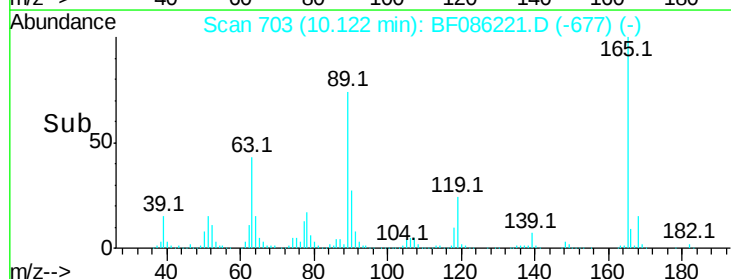
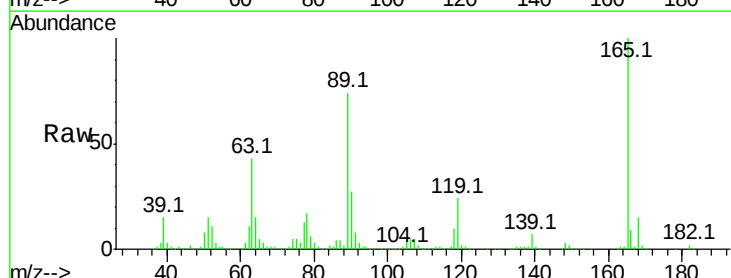
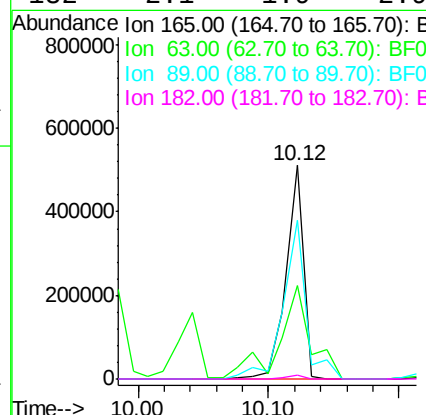
Manual Integrations
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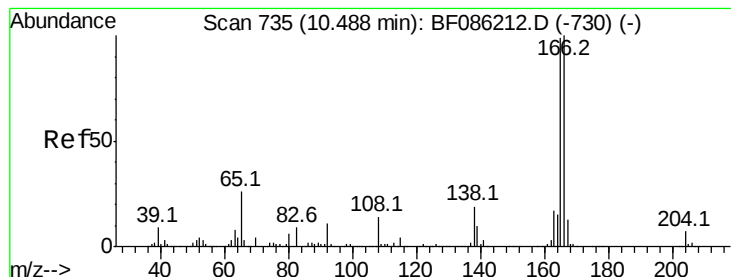
Sohil
4/18/2016 7:29:46 PM



#56
2,4-Dinitrotoluene
Concen: 44.51 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.5	26.6	40.0#	
89	74.3	49.5	74.3	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 42.82 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:166 Resp: 1135505

Ion Ratio Lower Upper

166 100

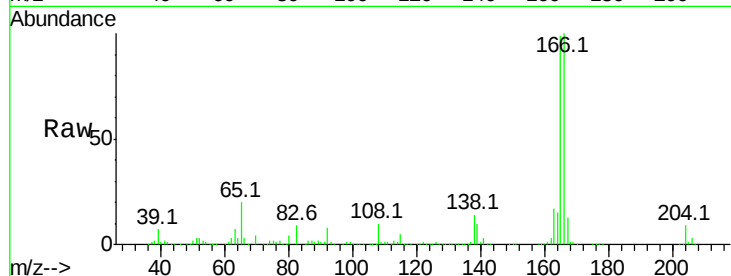
165 99.4 78.6 117.8

167 13.4 10.4 15.6

Manual Integrations
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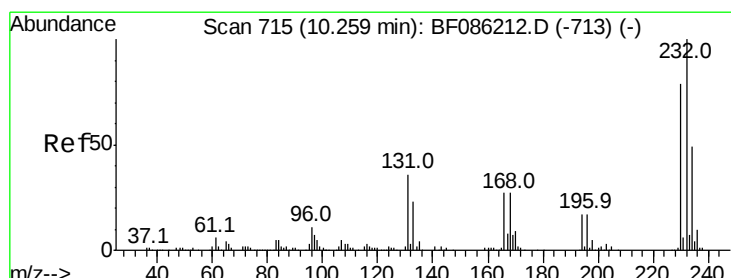
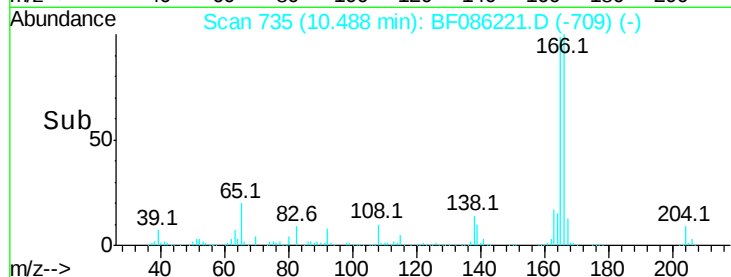
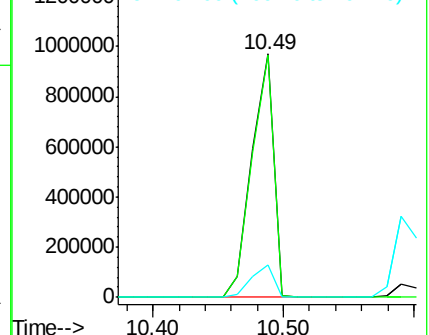


Abundance

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: 43.15 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:232 Resp: 312352

Ion Ratio Lower Upper

232 100

131 59.3 46.6 70.0

130 2.9 2.5 3.7

166 36.3 28.3 42.5

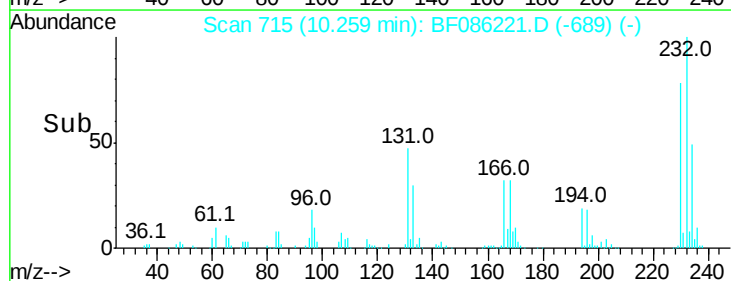
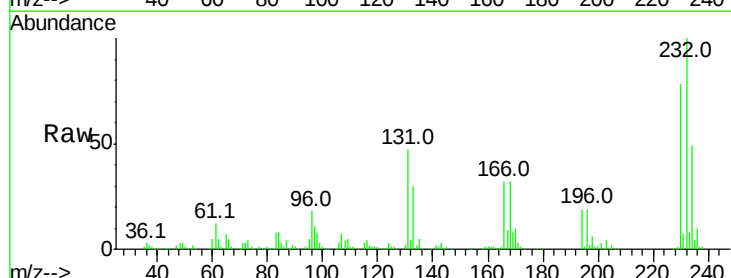
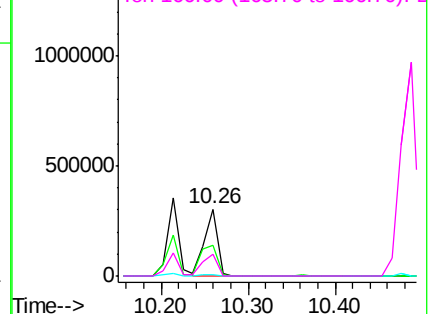
Abundance

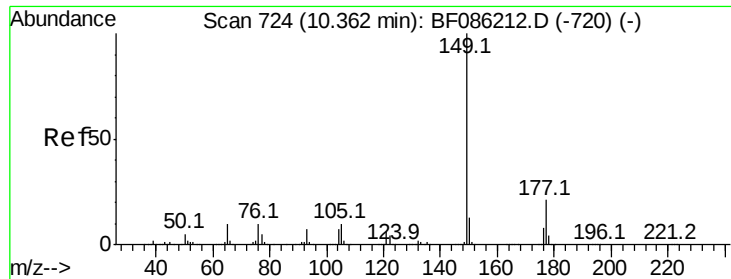
Ion 232.00 (231.70 to 232.70): E

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





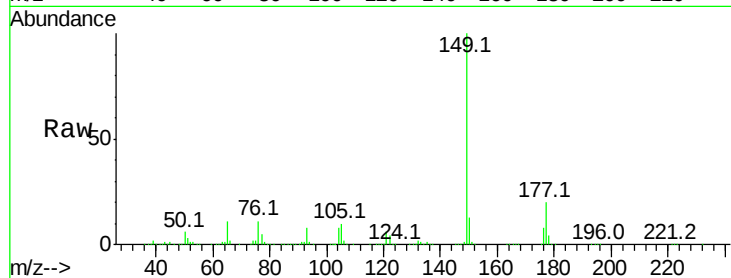
#59
Diethylphthalate
Concen: 36.41 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

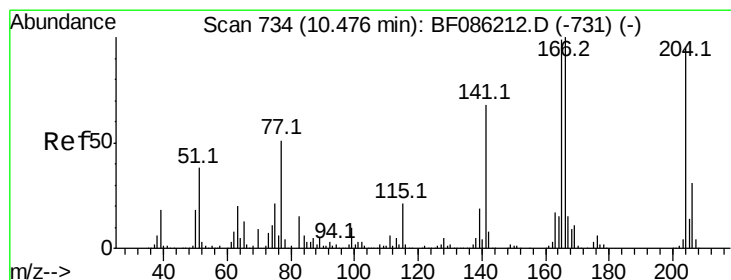
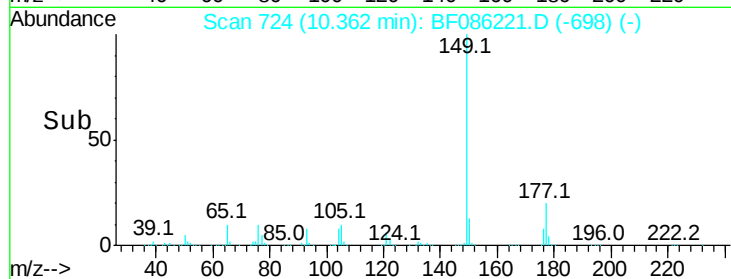
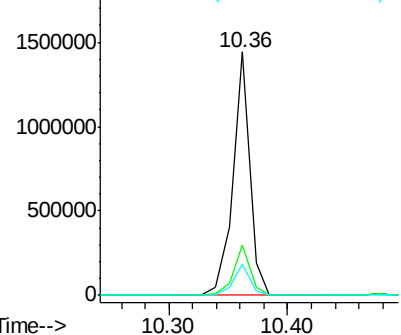
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.0	25.6
150	13.0	10.2	15.4

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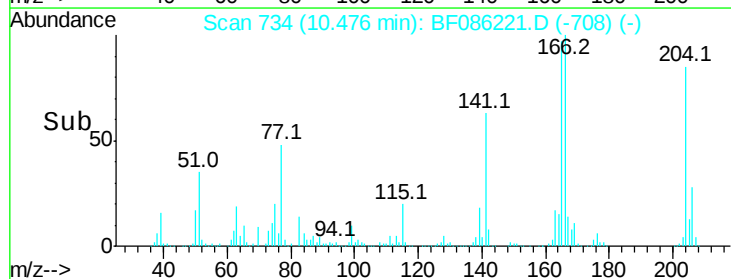
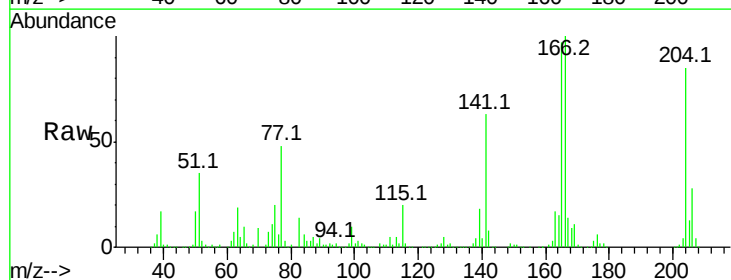
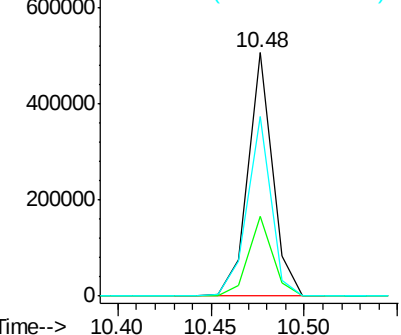
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

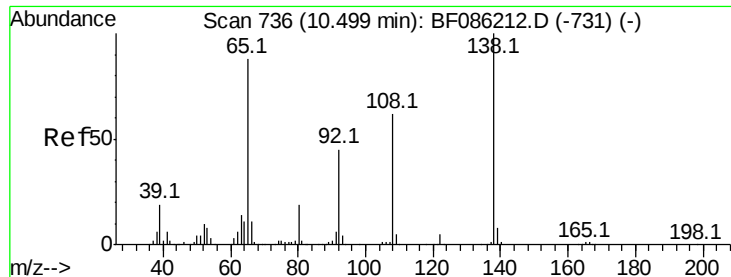


#60
4-Chlorophenyl-phenylether
Concen: 40.78 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	73.7	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





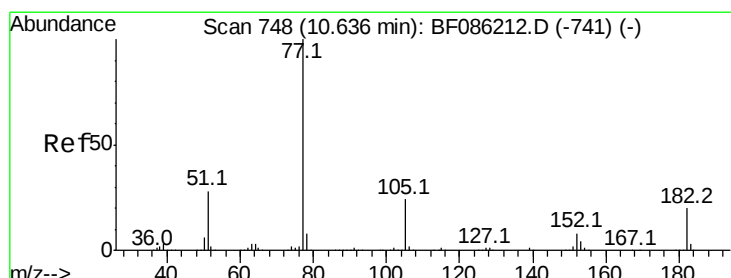
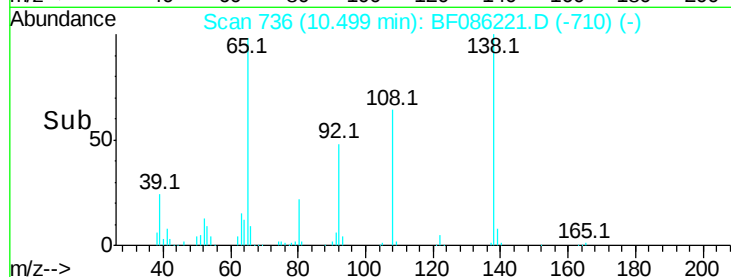
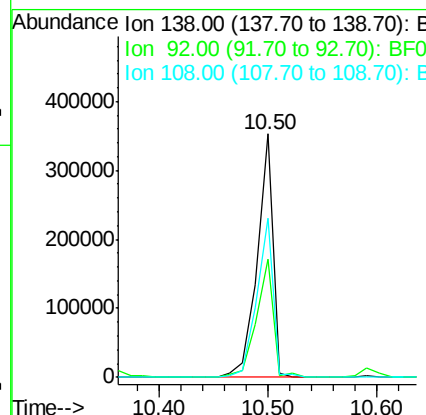
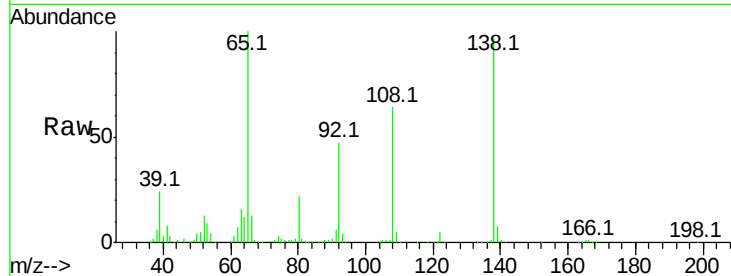
#61
4-Nitroaniline
Concen: 40.64 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.4	31.9	71.9	
108	65.5	58.7	98.7	

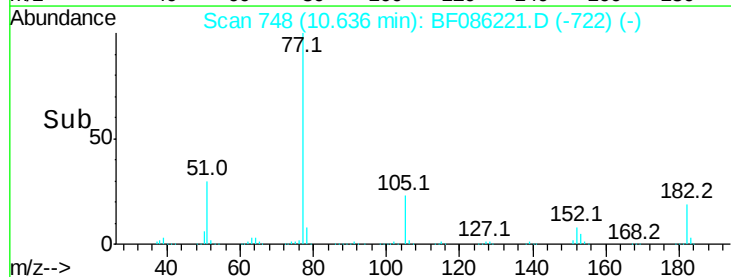
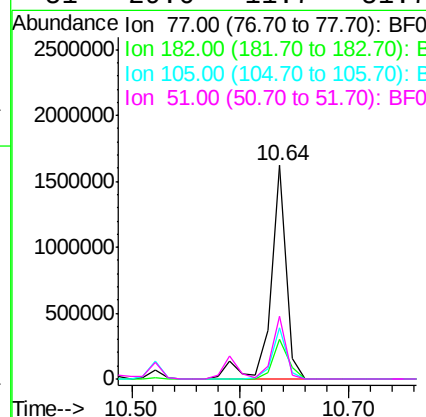
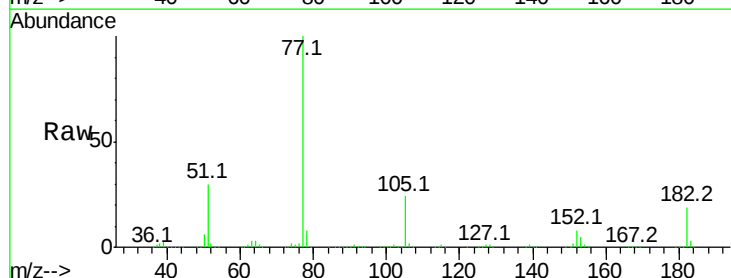
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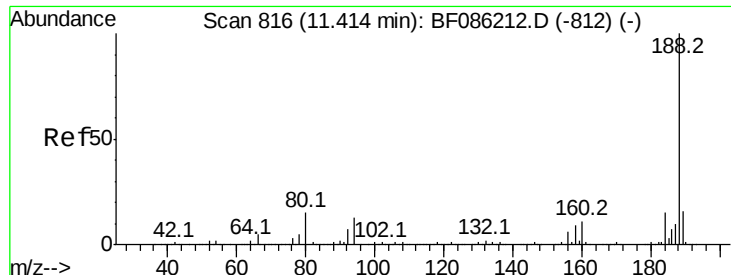
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#62
Azobenzene
Concen: 42.30 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.6	2.3	42.3	
105	23.8	3.4	43.4	
51	29.6	11.7	51.7	





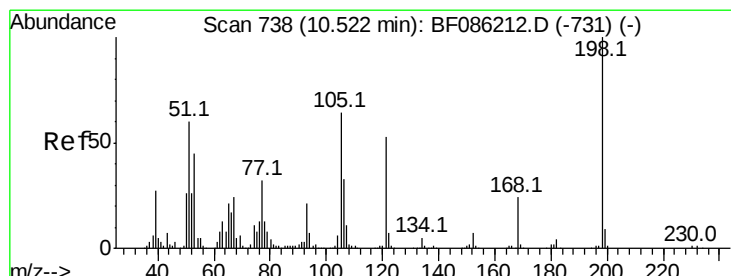
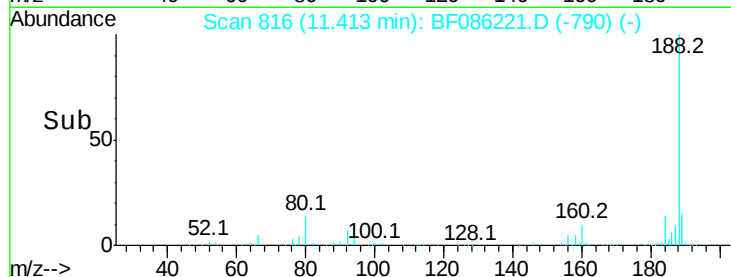
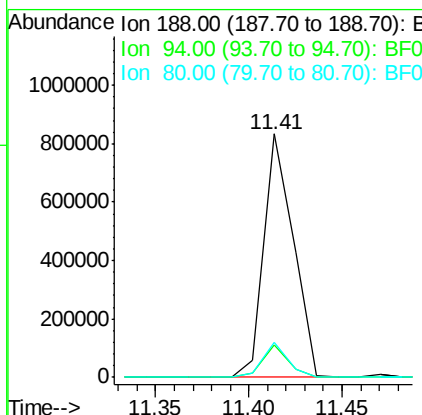
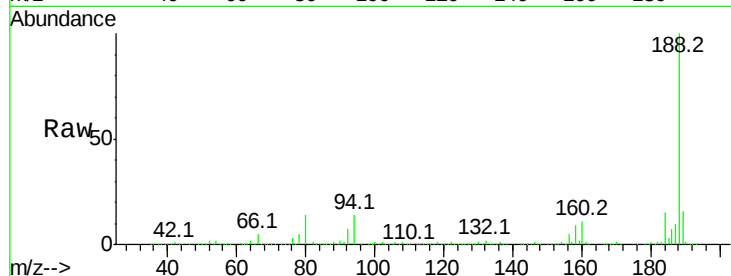
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampled :
PB89820BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.6	9.8	14.8
80	14.3	10.5	15.7

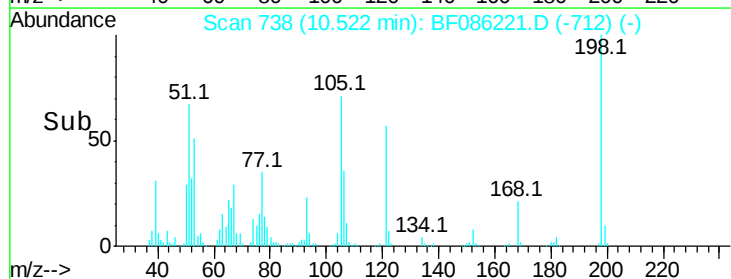
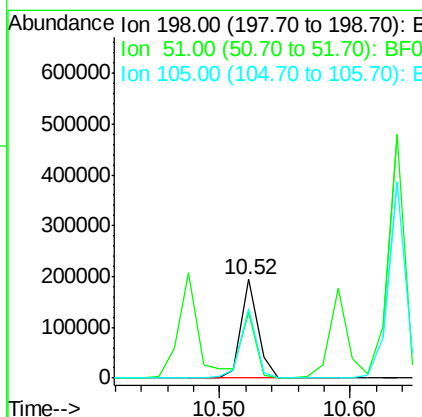
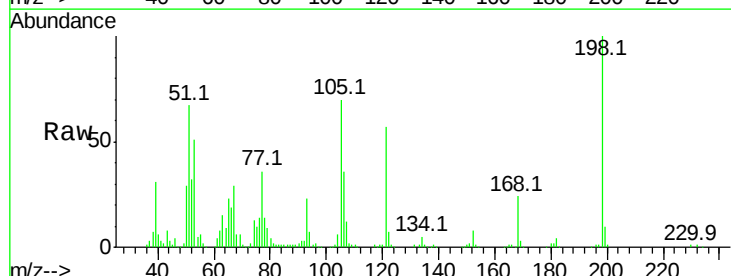
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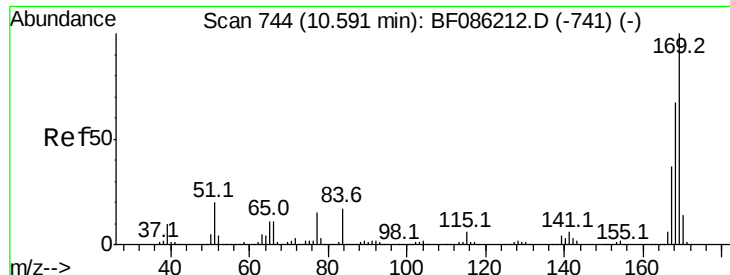
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.39 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	67.2	56.5	96.5
105	70.3	48.0	88.0





#65

n-Nitrosodiphenylamine

Concen: 40.18 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tot Ion:169 Resp: 1119912

Ion Ratio Lower Upper

169 100

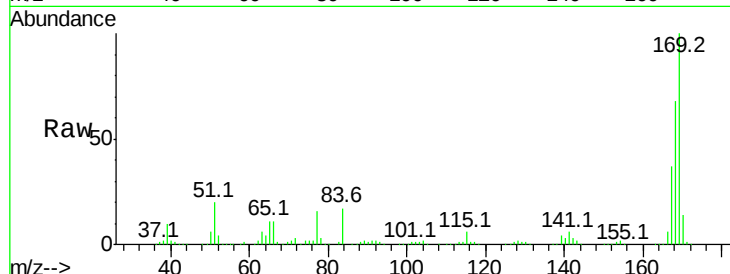
168 68.2 54.3 81.5

167 37.2 30.2 45.2

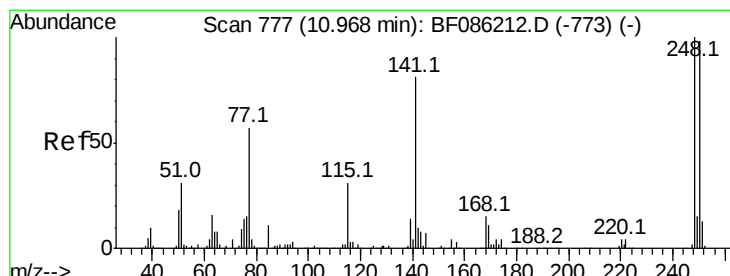
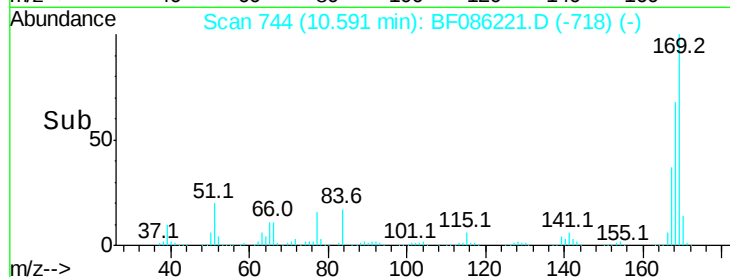
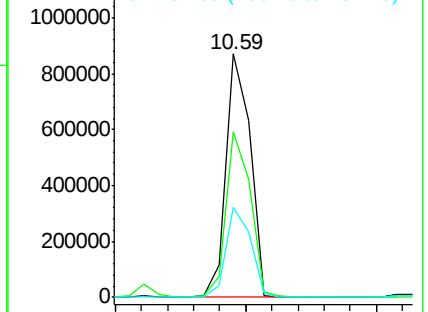
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.12 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

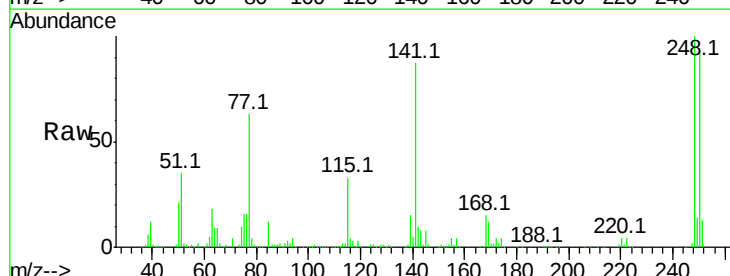
Tgt Ion:248 Resp: 331884

Ion Ratio Lower Upper

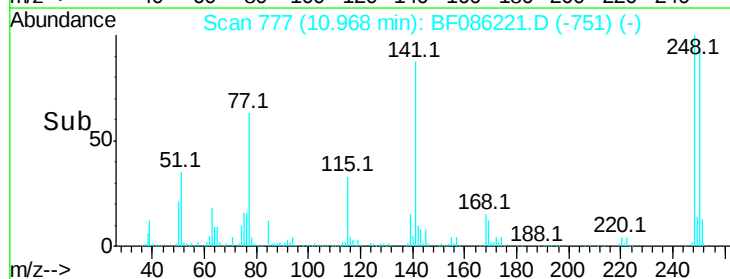
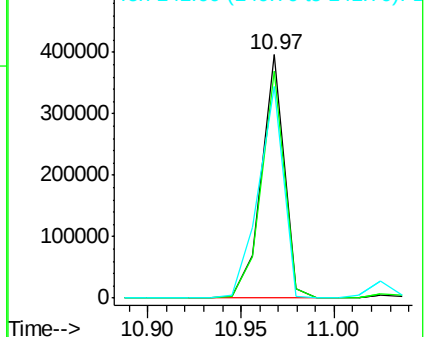
248 100

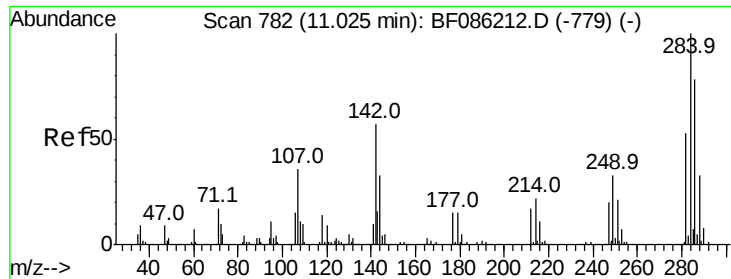
250 93.2 78.6 118.0

141 86.7 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





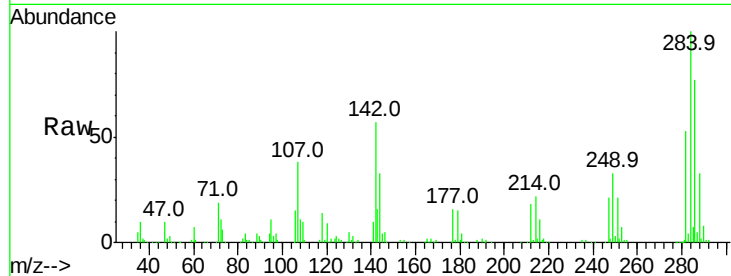
#67
Hexachlorobenzene
Concen: 40.52 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

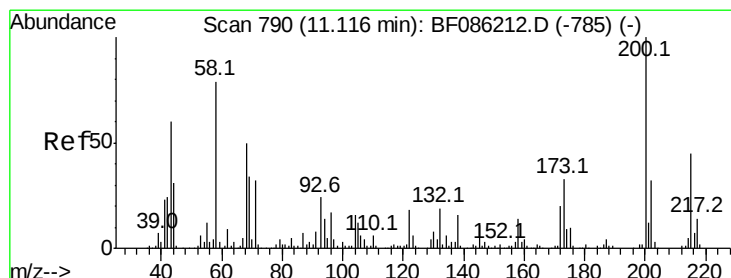
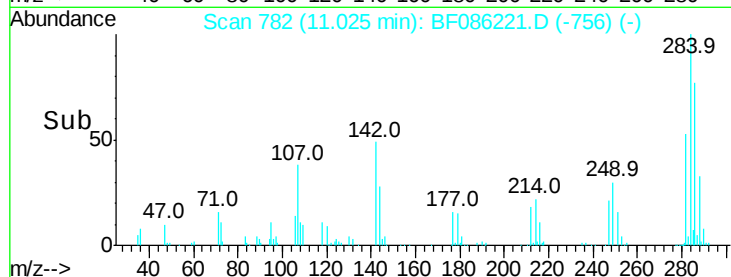
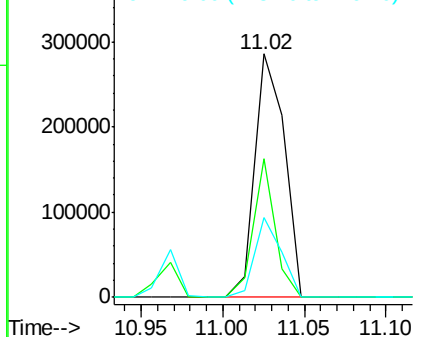
Tot Ion	Ratio	Resp	Lower	Upper
284	100	360208		
142	57.1	42.6	64.0	
249	32.9	25.9	38.9	

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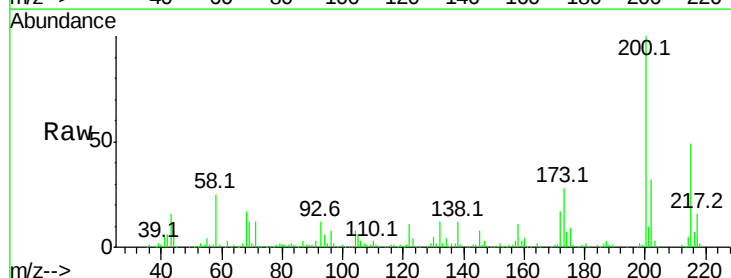


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

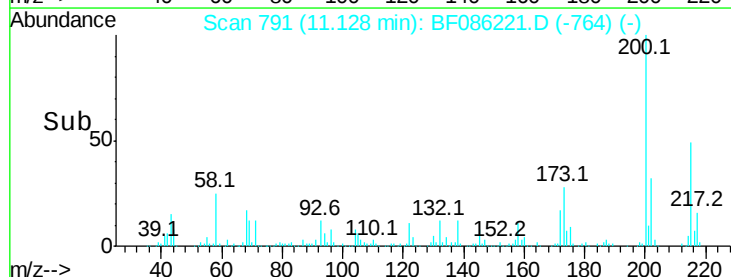
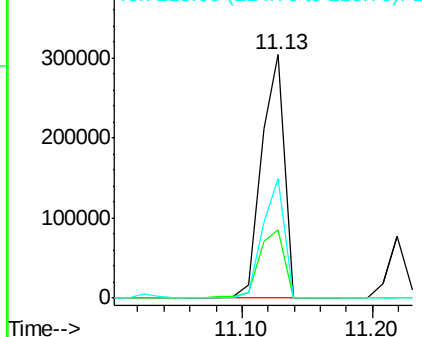


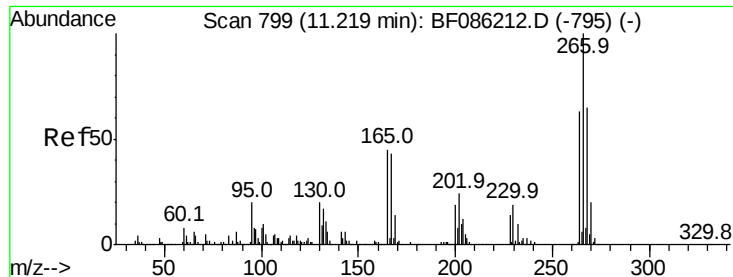
#68
Atrazine
Concen: 43.08 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	368013		
173	27.8	11.2	51.2	
215	49.0	24.0	64.0	



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





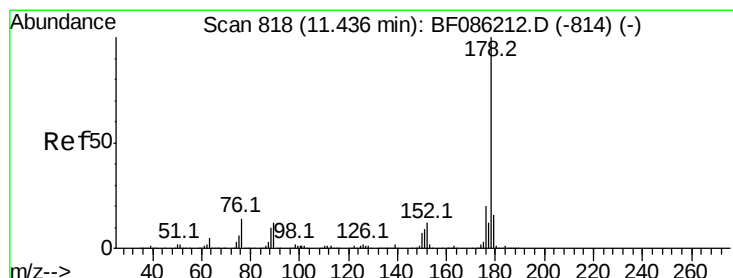
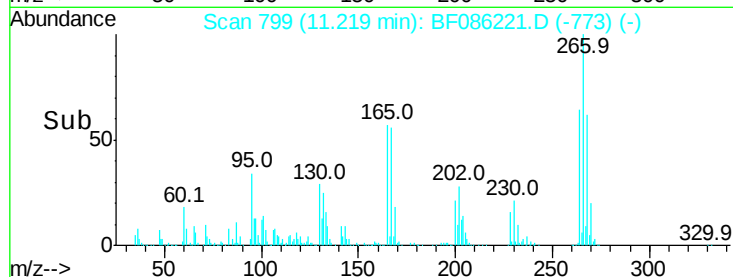
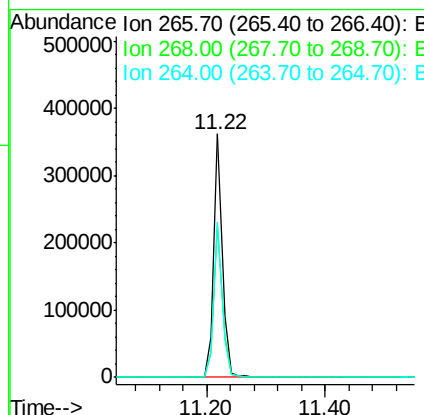
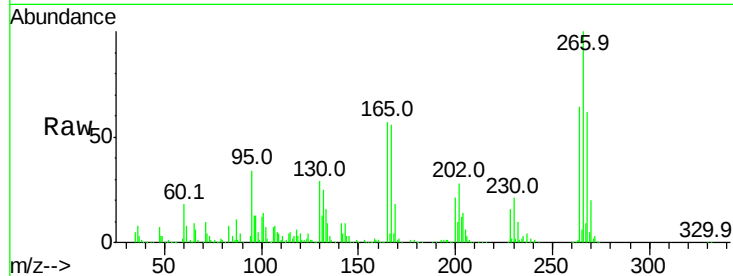
#69
 Pentachlorophenol
 Concen: 67.58 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleID :
 PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	364309		
268	62.1	53.0	79.4	
264	64.0	51.3	76.9	

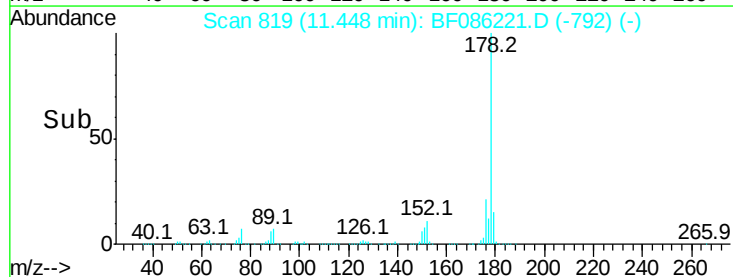
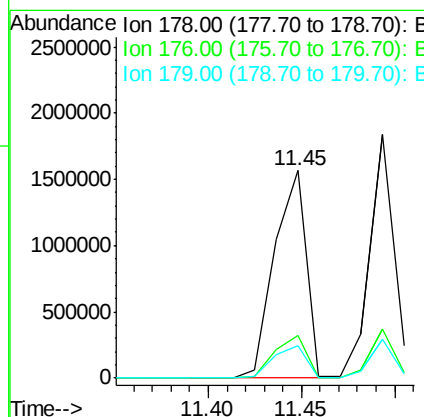
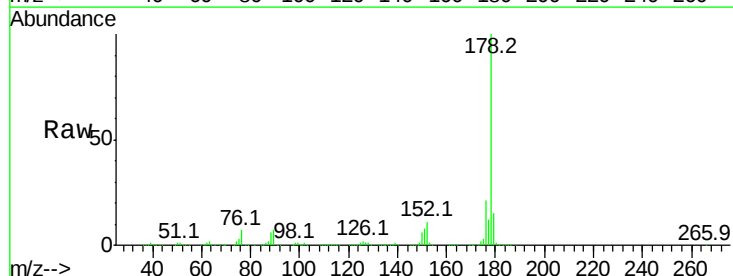
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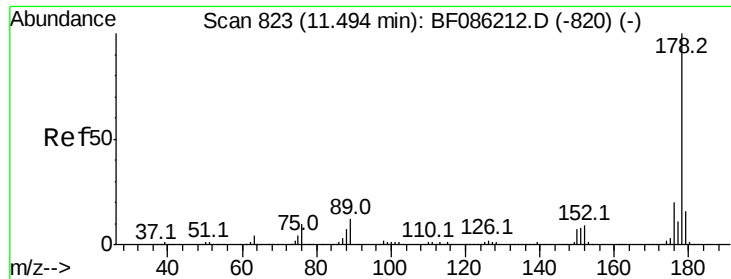
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#70
 Phenanthrene
 Concen: 42.56 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1850117		
176	20.8	16.3	24.5	
179	15.5	13.0	19.6	





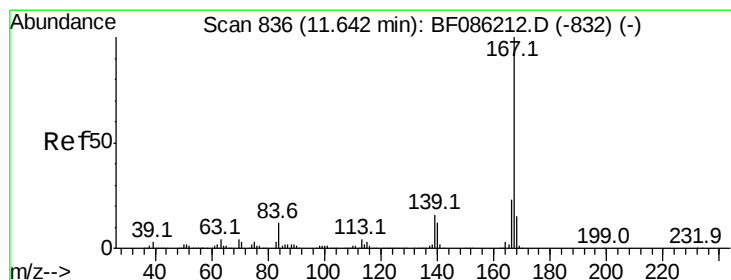
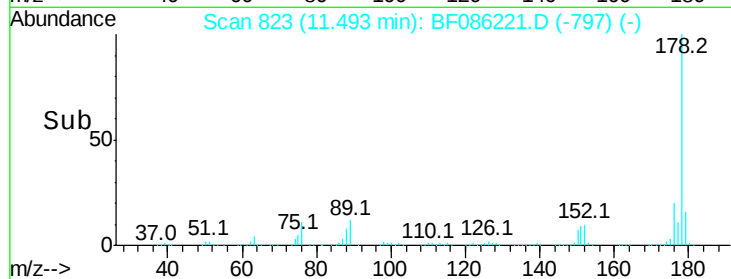
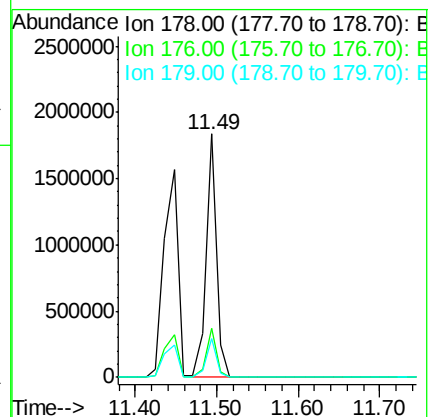
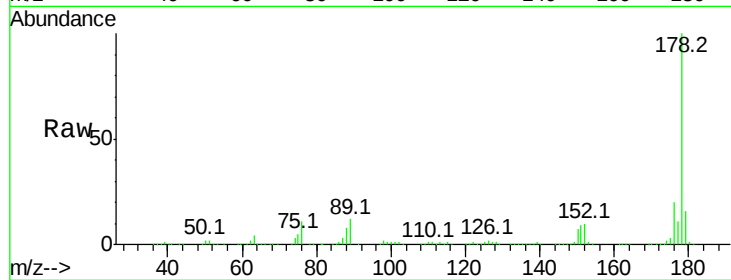
#71
 Anthracene
 Concen: 38.32 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.2	13.2	19.8

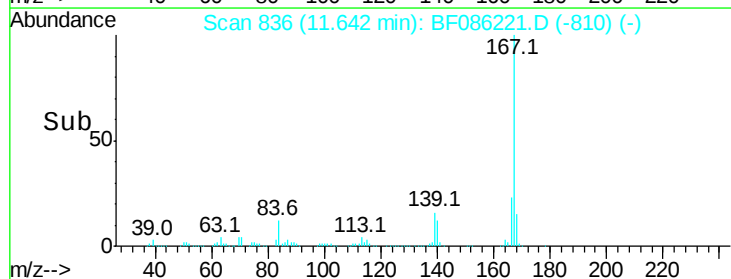
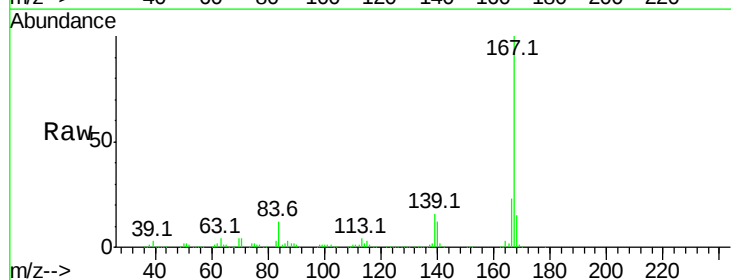
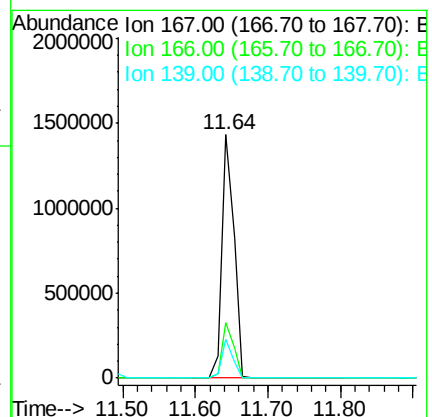
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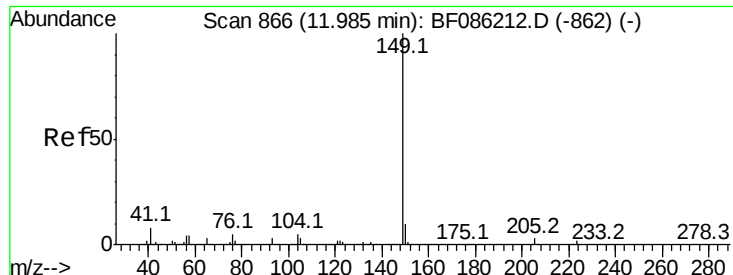
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#72
 Carbazole
 Concen: 40.06 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	15.8	12.3	18.5





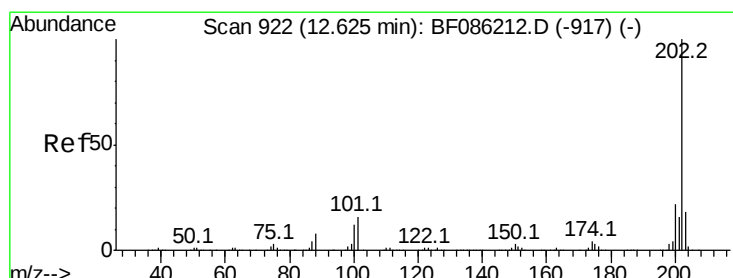
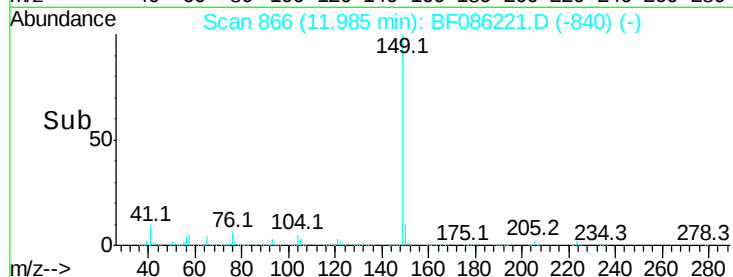
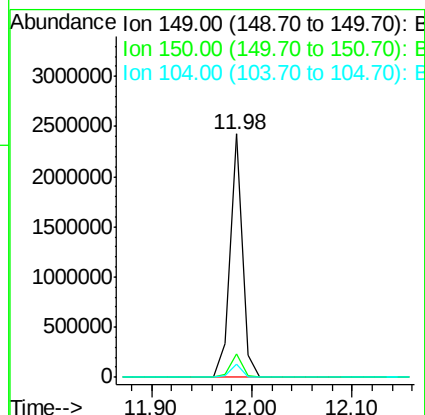
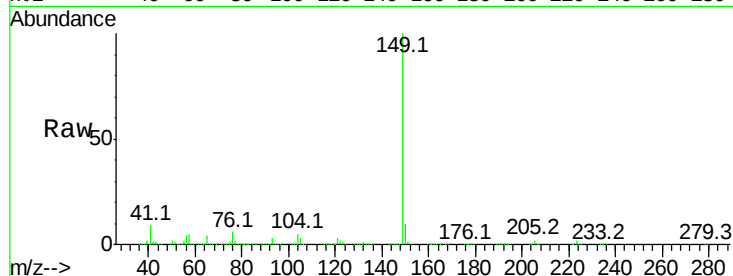
#73
Di-n-butylphthalate
Concen: 36.79 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.4	4.1	6.1

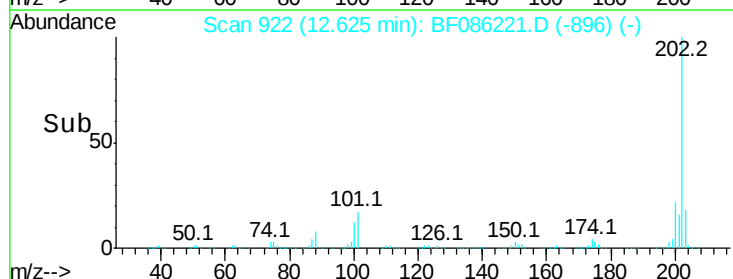
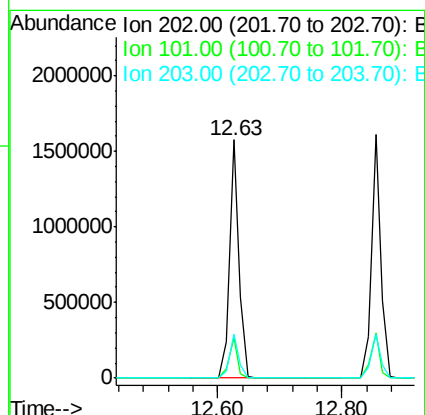
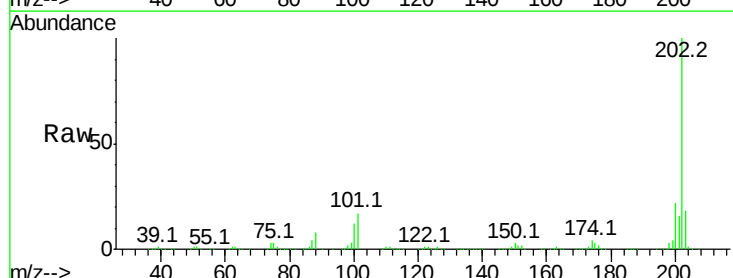
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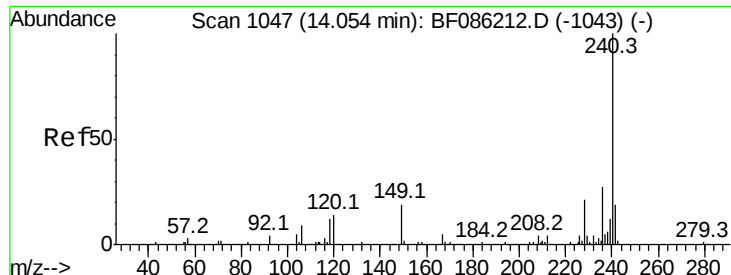
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4/18/2016 7:29:46 PM



#74
Fluoranthene
Concen: 43.56 ng
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	35.2
203	18.2	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: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

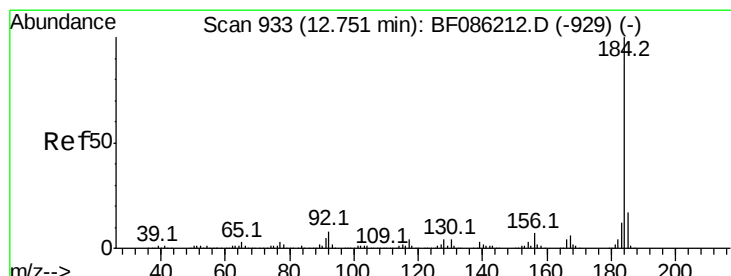
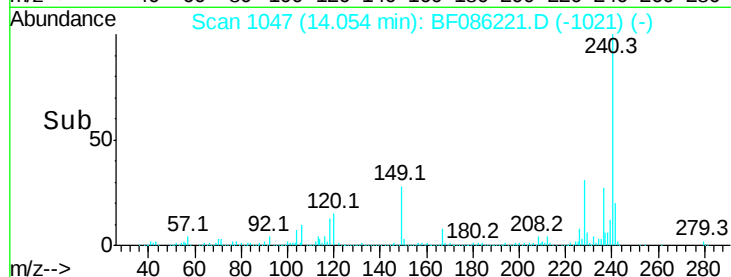
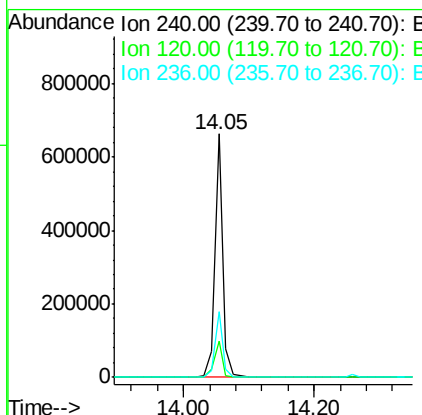
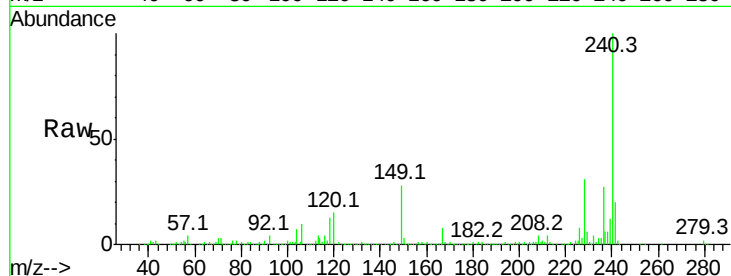
ClientSampleId :

PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	573523		
120	14.8	9.3	13.9#	
236	26.9	21.1	31.7	

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4/18/2016 7:29:46 PM



#76

Benzidine

Concen: 18.24 ng

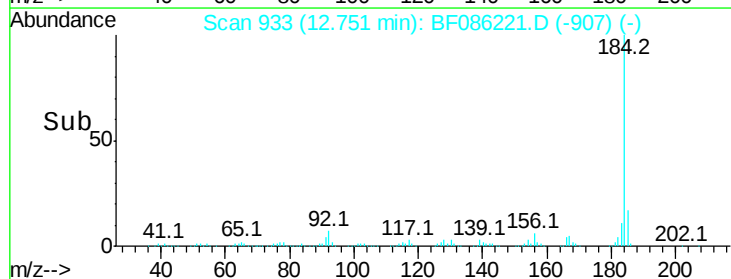
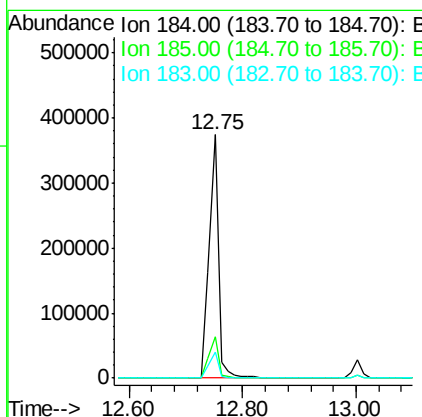
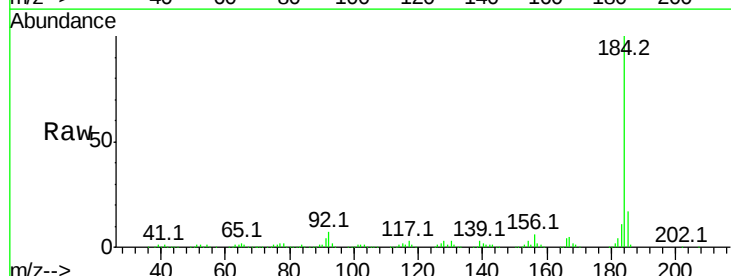
RT: 12.75 min Scan# 933

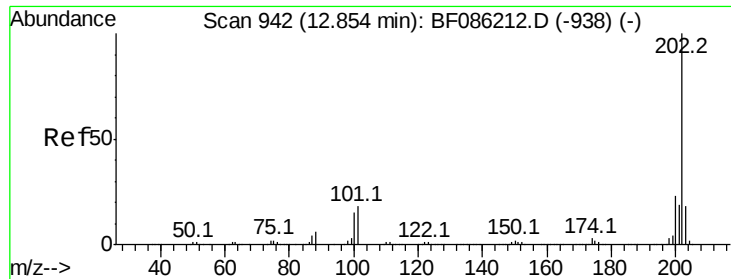
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	405730		
185	17.0	14.2	21.2	
183	10.6	9.8	14.6	





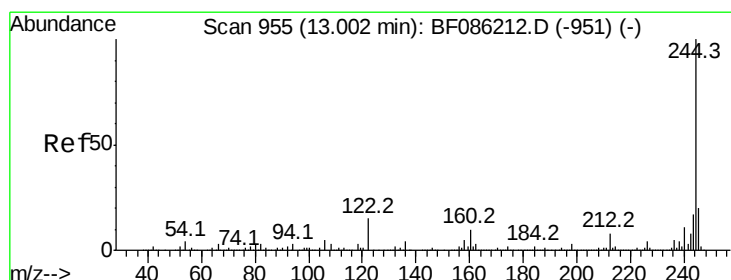
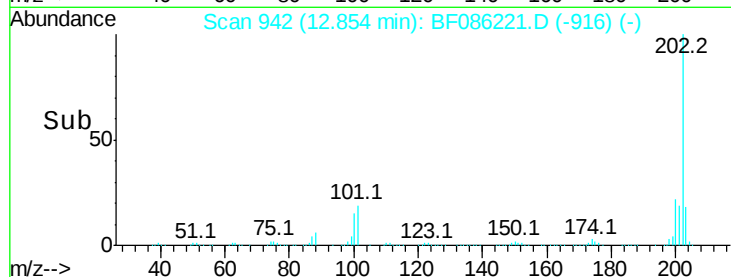
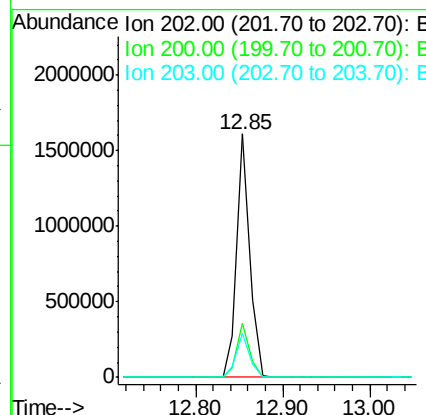
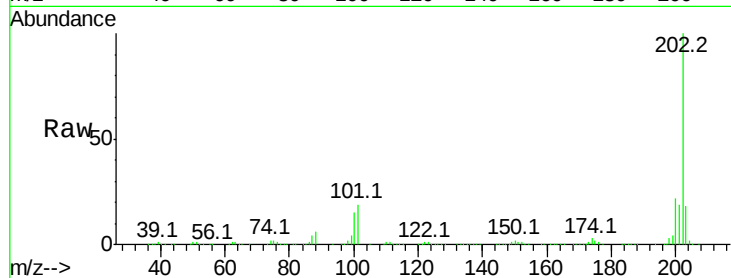
#77
Pvrene
Concen: 37.77 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.3	27.5
203	18.2	14.9	22.3

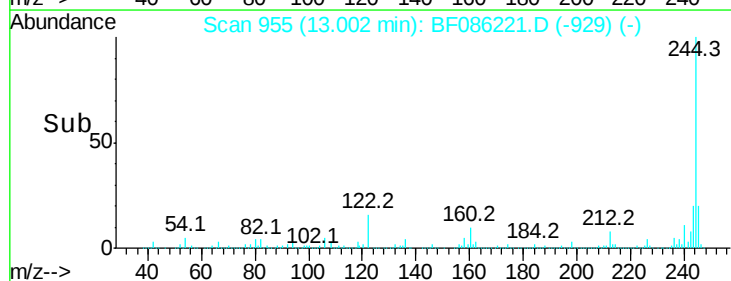
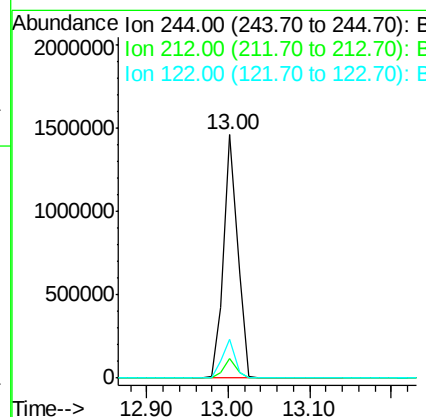
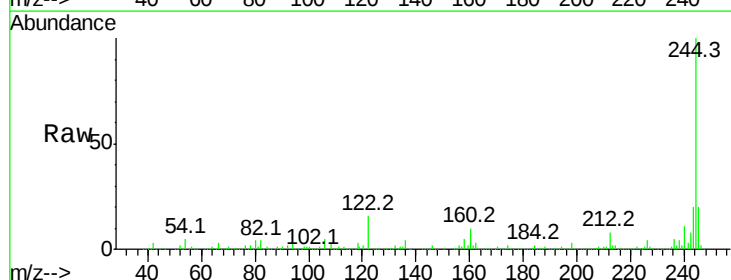
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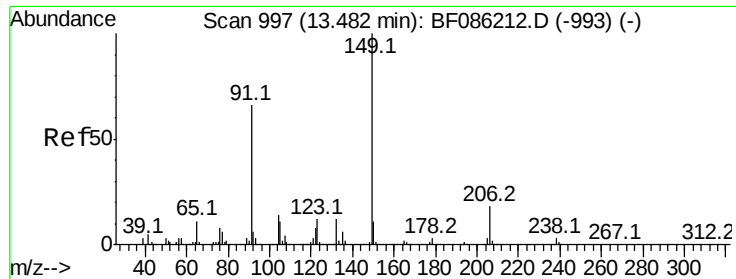
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#78
Terphenyl-d14
Concen: 76.49 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	16.1	11.7	17.5





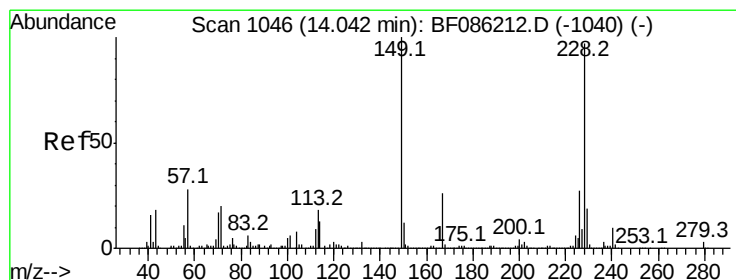
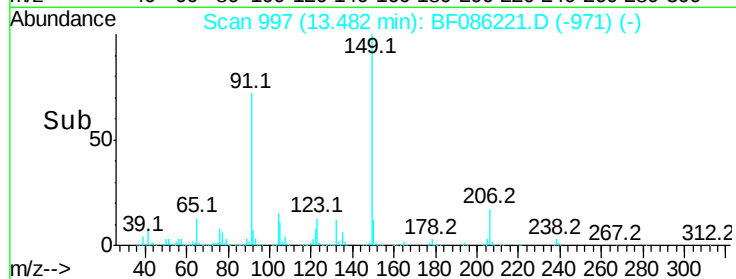
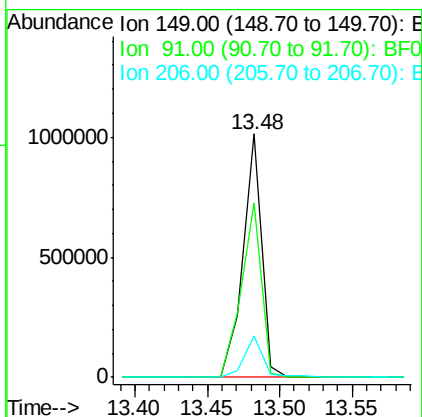
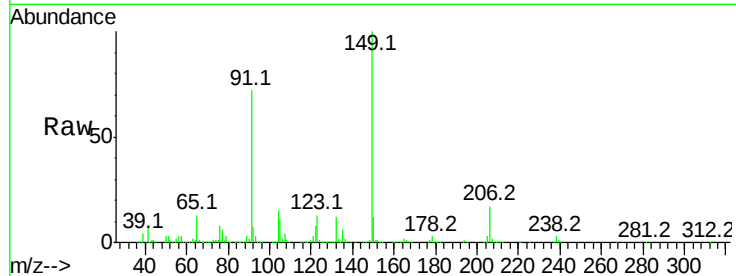
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampled :
PB89820BS

Manual Integrations
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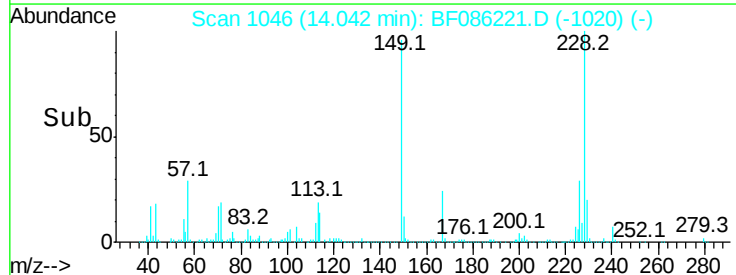
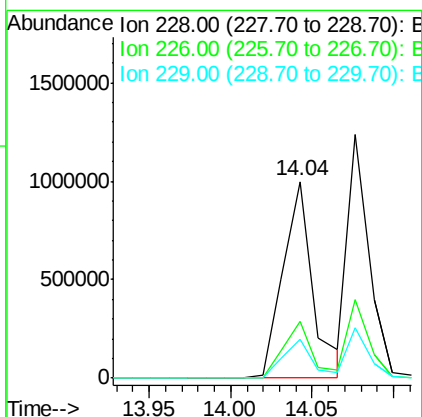
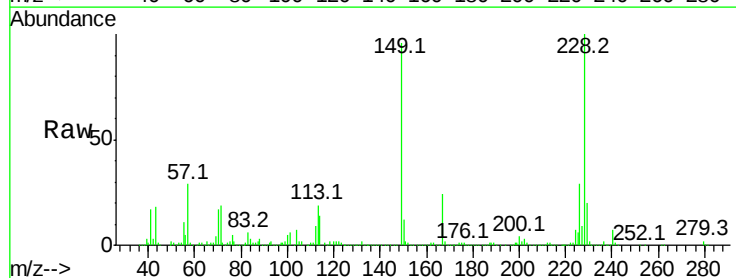
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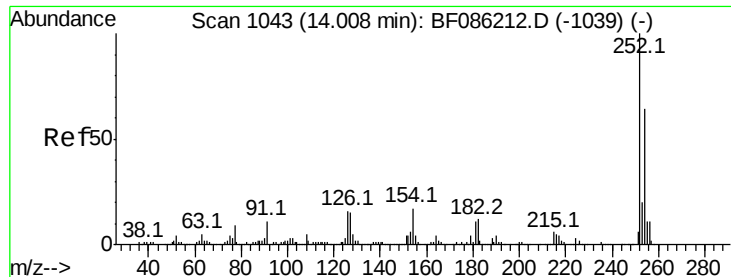
Tot Ion	Ratio	Resp	Lower	Upper
149	100	905139		
91	71.7	48.7	73.1	
206	17.2	15.7	23.5	



#80
Benzo(a)anthracene
Concen: 40.59 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1277864		
226	28.8	22.5	33.7	
229	20.0	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 9.44 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

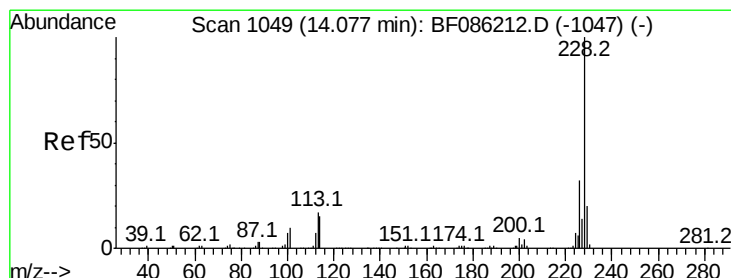
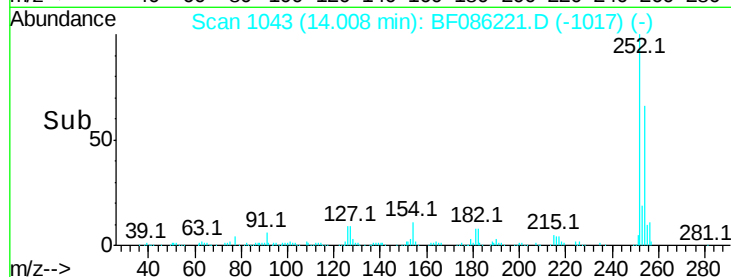
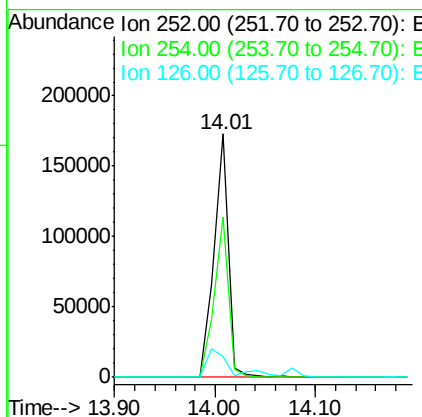
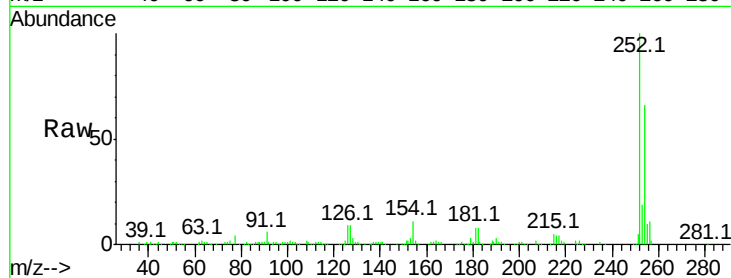
ClientSampleId :

PB89820BS

Tot Ion:	252	Resp:	172313
Ion Ratio	Lower	Upper	
252	100		
254	66.0	52.1	78.1
126	8.6	13.2	19.8

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#82

Chrysene

Concen: 34.75 ng

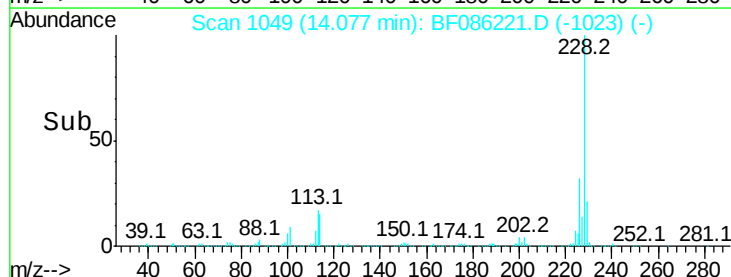
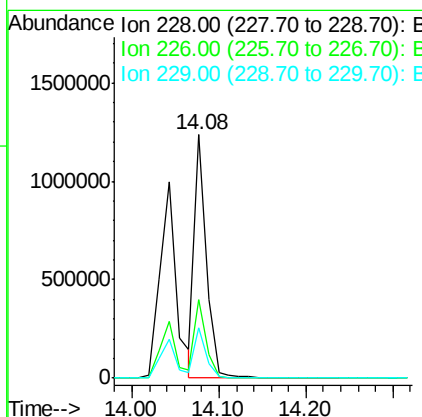
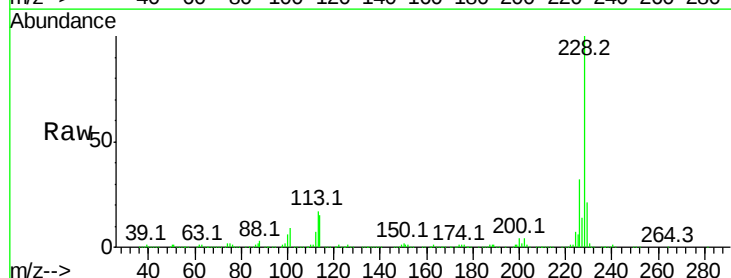
RT: 14.08 min Scan# 1049

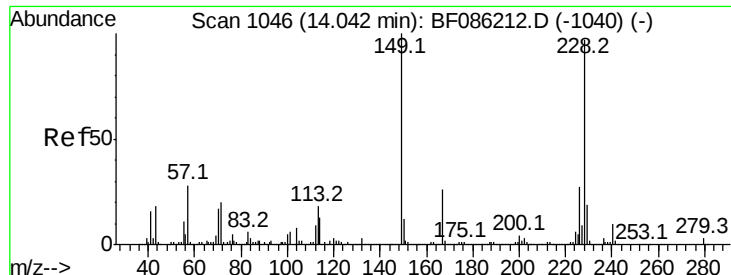
Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:	228	Resp:	1166514
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.4	38.2
229	20.8	16.5	24.7





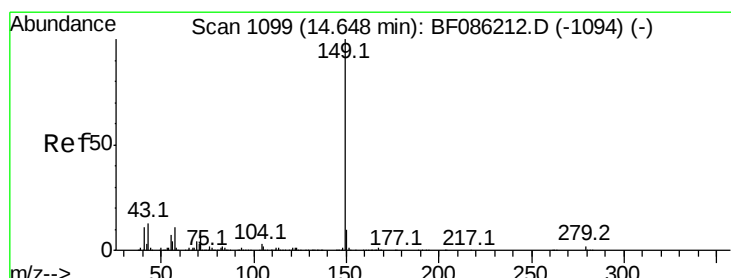
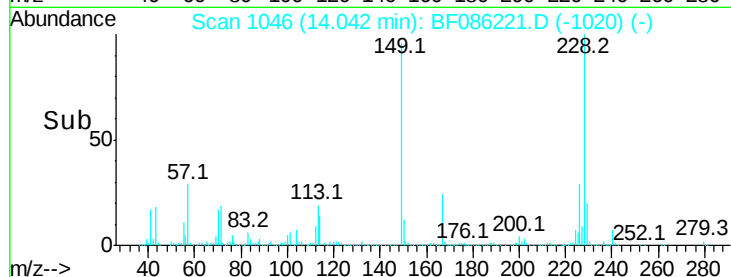
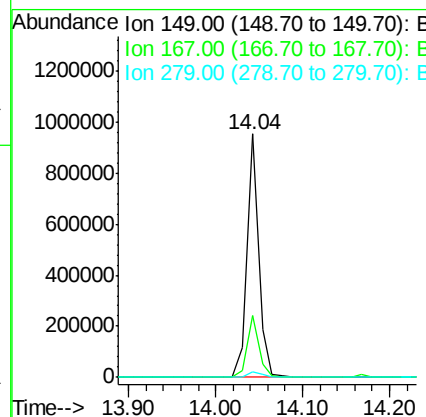
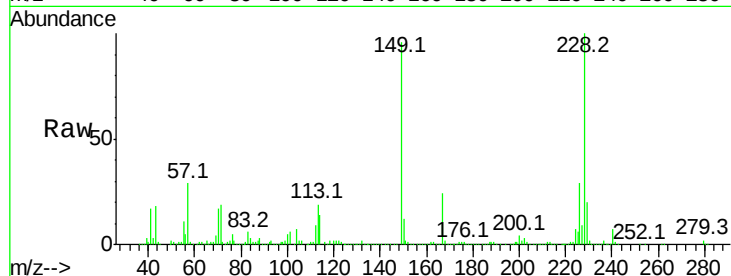
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.18 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.3	21.0	31.4	
279	2.2	2.4	3.6	

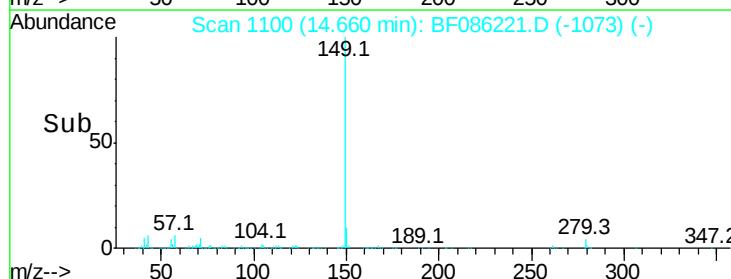
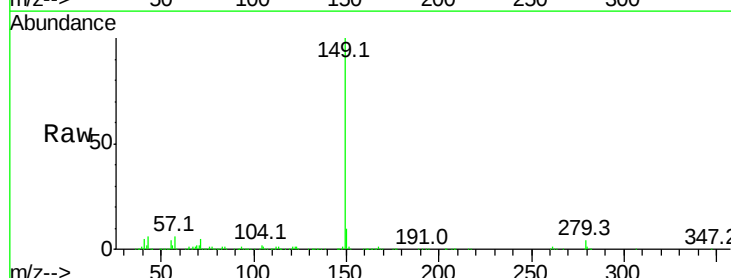
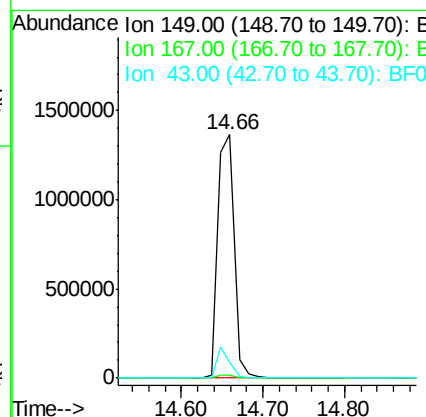
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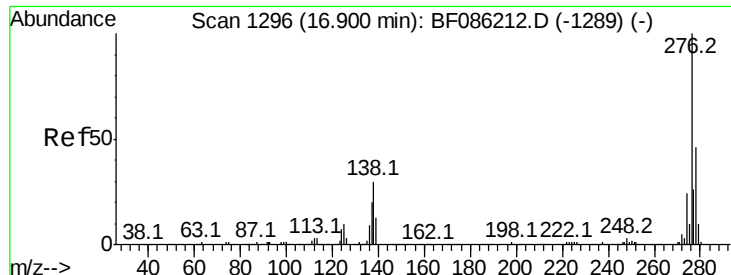
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#84
 Di-n-octyl phthalate
 Concen: 45.44 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	9.9	9.1	13.7	





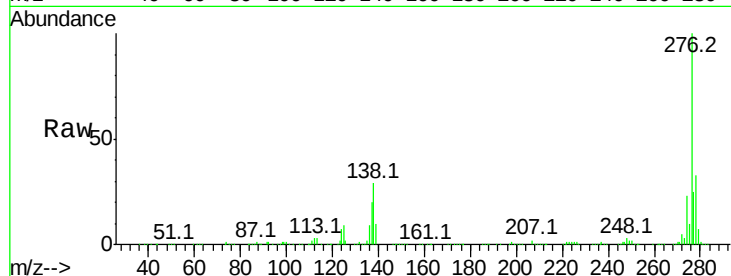
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.09 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

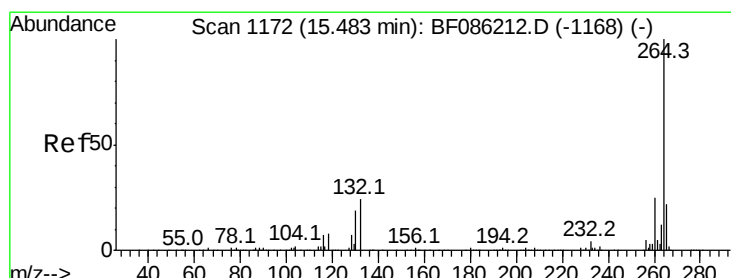
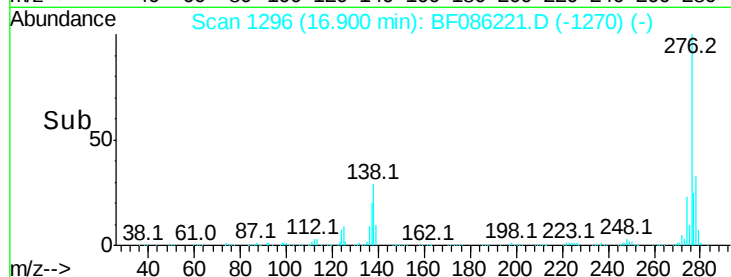
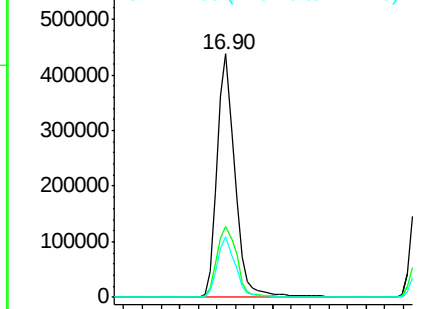
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	23.8	35.6
277	25.5	20.2	30.2

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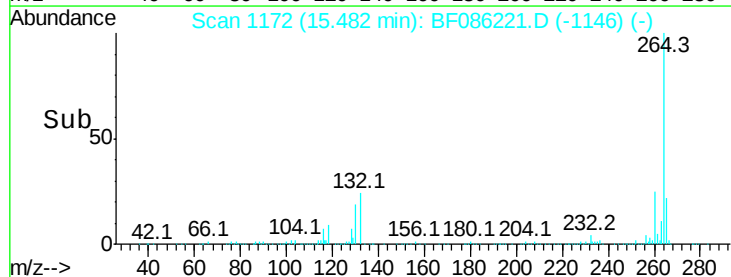
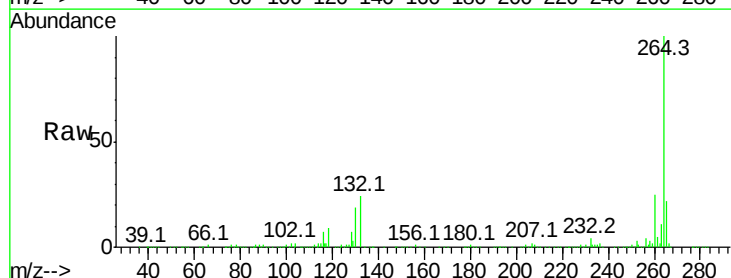
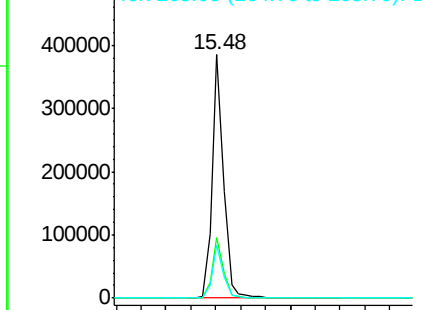
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

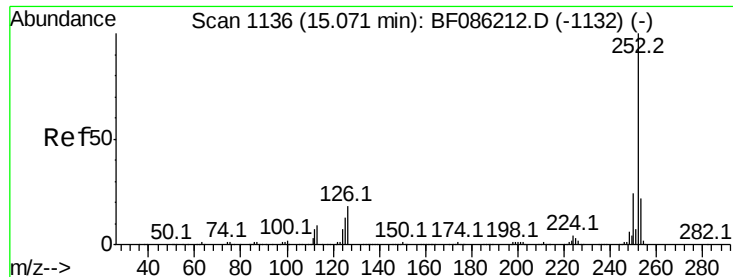


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.7	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





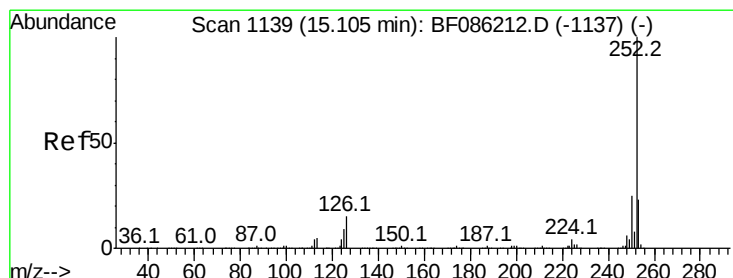
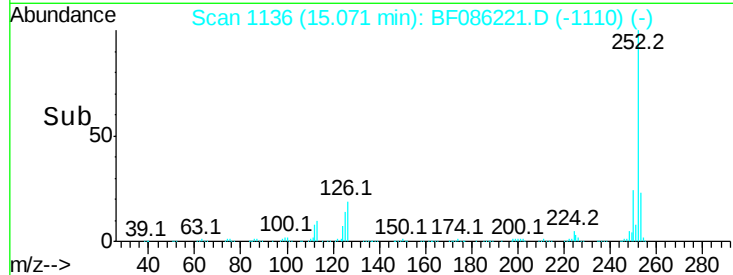
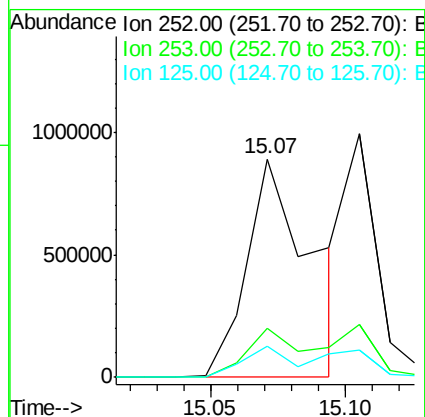
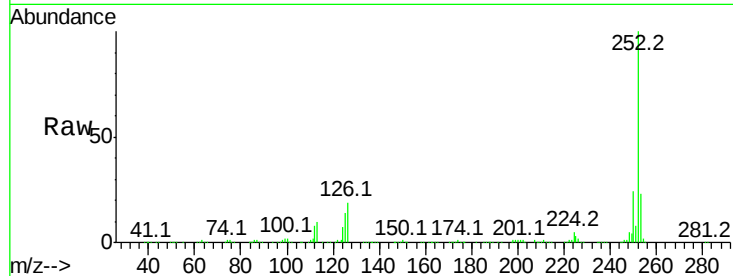
#87
Benzo(b)fluoranthene
Concen: 49.73 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.4	10.3	15.5

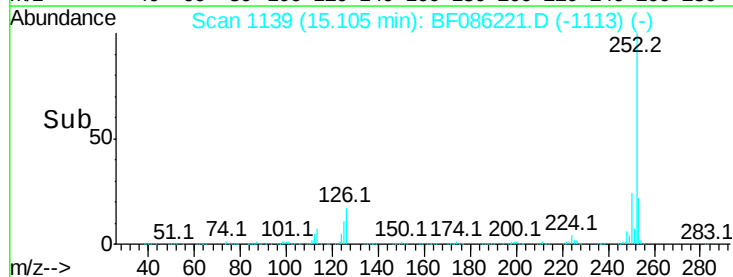
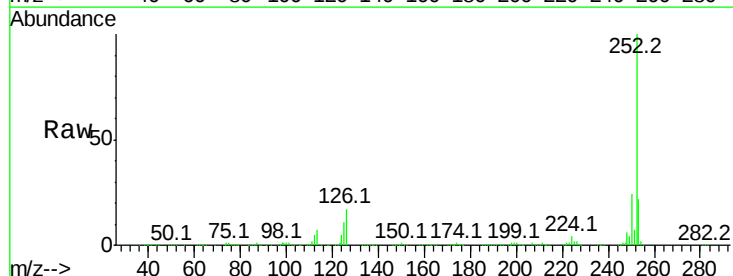
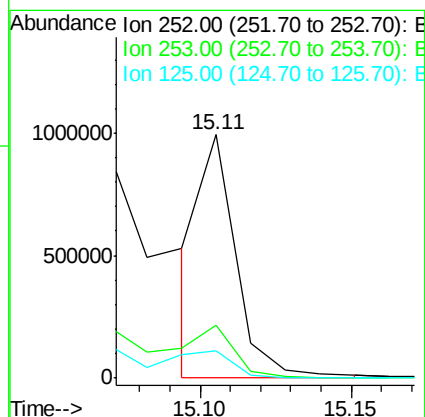
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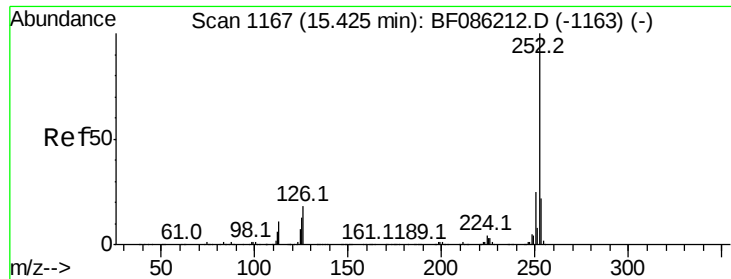
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#88
Benzo(k)fluoranthene
Concen: 30.26 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.4	7.8	11.6





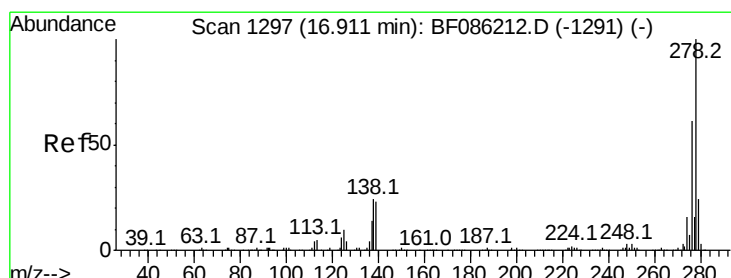
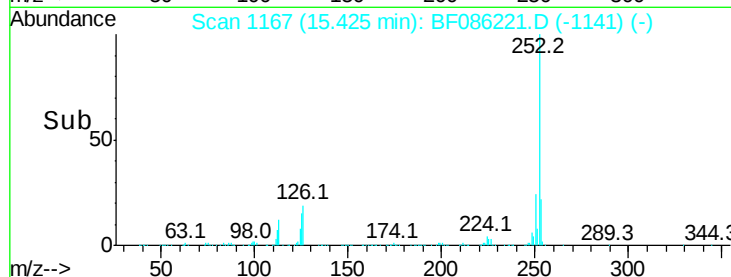
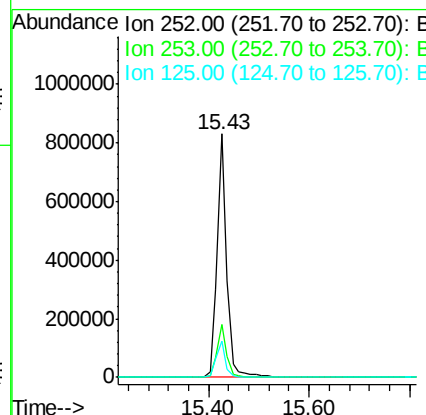
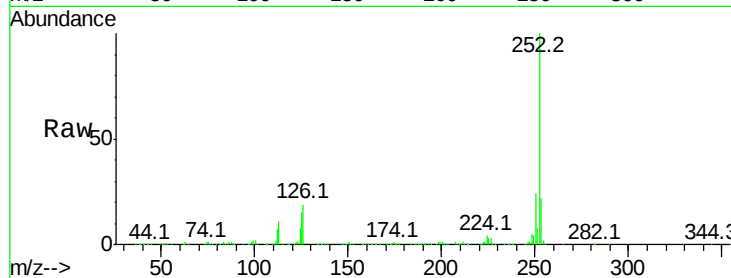
#89
Benzo(a)pyrene
Concen: 42.11 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	15.0	11.2	16.8

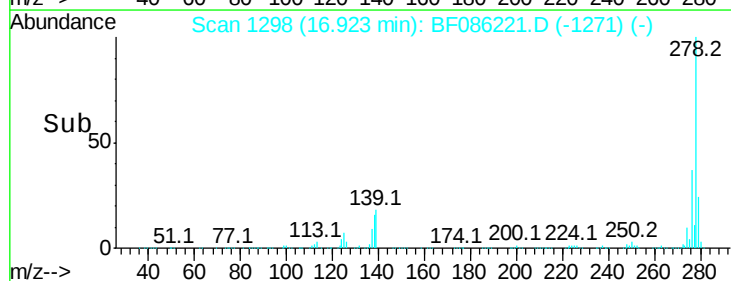
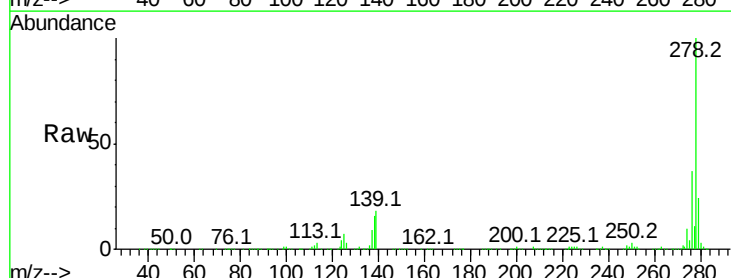
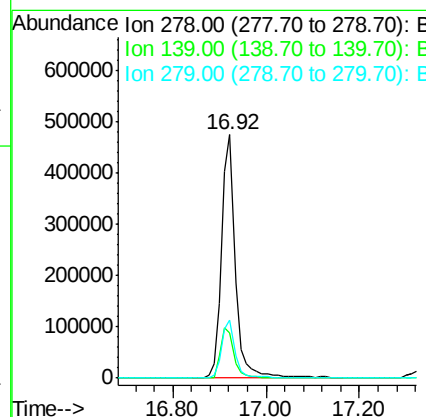
Manual Integrations
APPROVED

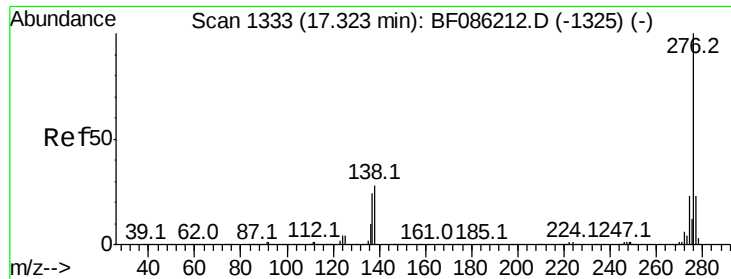
Sohil
4/18/2016 7:29:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.37 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.3	22.9
279	23.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.05 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	29.2	19.6	29.4

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Sohil
 4/18/2016 7:29:46 PM

