

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086858.D
 Acq On : 10 May 2016 14:25
 Operator : UM/SJ
 Sample : PB90408BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Manual Integrations
 APPROVED

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 5/11/2016 8:15:05 PM

Quant Time: May 11 04:21:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	149801	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	638048	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	300824	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	570275	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	412780	20.00	ng	0.00
86) Perylene-d12	15.20	264	368709	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1044158	118.04	ng	0.00
7) Phenol-d6	6.35	99	1405733	118.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1034743	81.43	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	436283	136.99	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1685629	94.17	ng	0.00
78) Terphenyl-d14	12.79	244	1518286	78.04	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	131248	30.22	ng	# 65
3) Pyridine	2.92	79	344416	32.44	ng	# 66
4) n-Nitrosodimethylamine	2.86	42	302184	39.25	ng	# 48
6) Aniline	6.36	93	411085	28.75	ng	# 1
8) 2-Chlorophenol	6.48	128	437124	40.95	ng	92
9) Benzaldehyde	6.24	77	40332	5.89	ng	95
10) Phenol	6.36	94	607245	43.22	ng	# 69
11) bis(2-Chloroethyl)ether	6.43	93	431741m	39.41	ng	
12) 1,3-Dichlorobenzene	6.62	146	457245	39.59	ng	98
13) 1,4-Dichlorobenzene	6.70	146	461757	39.20	ng	97
14) 1,2-Dichlorobenzene	6.85	146	409077	39.85	ng	96
15) Benzyl Alcohol	6.84	79	363643	44.55	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	6.98	45	932357	39.14	ng	99
17) 2-Methylphenol	6.97	107	359016	42.27	ng	# 84
18) Hexachloroethane	7.20	117	175913	39.69	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	363166	43.96	ng	# 72
20) 3+4-Methylphenols	7.13	107	478118	43.10	ng	# 61
22) Acetophenone	7.10	105	612250	40.62	ng	# 98
24) Nitrobenzene	7.28	77	478716	36.62	ng	97
25) Isophorone	7.52	82	916397	38.87	ng	99
26) 2-Nitrophenol	7.60	139	237953	41.41	ng	# 82
27) 2,4-Dimethylphenol	7.65	122	412653	42.16	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	534652	42.04	ng	98
29) 2,4-Dichlorophenol	7.85	162	380797	44.20	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	390489	40.54	ng	96
31) Naphthalene	8.00	128	1296120	40.56	ng	99
32) Benzoic acid	7.80	122	224155	38.99	ng	# 83
33) 4-Chloroaniline	8.05	127	233842	18.83	ng	# 90
34) Hexachlorobutadiene	8.11	225	203753	36.46	ng	99
35) Caprolactam	8.44	113	121233m	41.36	ng	
36) 4-Chloro-3-methylphenol	8.56	107	403675	38.64	ng	90
37) 2-Methylnaphthalene	8.68	142	788632	42.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	356290	40.74	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	399451	96.22	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	255088	43.61	nq	92
43) 2,4,5-Trichlorophenol	9.02	196	269286	44.52	nq #	91
45) 1,1'-Biphenyl	9.15	154	988655	41.32	nq	96
46) 2-Chloronaphthalene	9.17	162	765008	40.81	nq	95
47) 2-Nitroaniline	9.29	65	307100	44.82	nq	96
48) Acenaphthylene	9.58	152	1116236	40.48	nq	99
49) Dimethylphthalate	9.46	163	977205	42.58	nq	99
50) 2,6-Dinitrotoluene	9.53	165	231574	47.94	nq	86
51) Acenaphthene	9.76	154	711946	41.51	nq	99
52) 3-Nitroaniline	9.70	138	133421	26.24	nq	97
53) 2,4-Dinitrophenol	9.80	184	210526	84.78	nq #	71
54) Dibenzofuran	9.93	168	987094	44.83	nq	94
55) 4-Nitrophenol	9.88	139	250803	74.32	nq #	49
56) 2,4-Dinitrotoluene	9.93	165	242477	40.57	nq #	68
57) Fluorene	10.27	166	771031	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	221935	48.74	nq	98
59) Diethylphthalate	10.16	149	866341	38.74	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	398395	50.18	nq #	79
61) 4-Nitroaniline	10.32	138	226707	46.42	nq #	76
62) Azobenzene	10.43	77	1118746	46.37	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	163926	46.27	nq	88
65) n-Nitrosodiphenylamine	10.40	169	774166	44.19	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	234592	40.57	nq	95
67) Hexachlorobenzene	10.82	284	299596	44.34	nq	98
68) Atrazine	10.92	200	231090	39.48	nq	95
69) Pentachlorophenol	11.01	266	282309	90.40	nq	98
70) Phenanthrene	11.23	178	1343736	44.15	nq	99
71) Anthracene	11.28	178	1195945	38.42	nq	100
72) Carbazole	11.44	167	1141607	42.67	nq	98
73) Di-n-butylphthalate	11.77	149	1410247	43.16	nq #	98
74) Fluoranthene	12.41	202	1283566	41.01	nq	97
76) Benzidine	12.55	184	435361	41.37	nq	96
77) Pyrene	12.64	202	1380202	43.67	nq	100
79) Butylbenzylphthalate	13.27	149	640640	47.93	nq	91
80) Benzo(a)anthracene	13.81	228	1014783	43.79	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	262318	17.82	nq #	96
82) Chrysene	13.86	228	1105503	46.90	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	774091	48.14	nq #	99
84) Di-n-octyl phthalate	14.43	149	1336967	50.20	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	830604	42.35	nq	95
87) Benzo(b)fluoranthene	14.83	252	1213256m	50.63	nq	
88) Benzo(k)fluoranthene	14.85	252	754723m	38.47	nq	
89) Benzo(a)pyrene	15.15	252	897363	43.42	nq	99
90) Dibenzo(a,h)anthracene	16.51	278	688846	39.54	nq #	92
91) Benzo(g,h,i)perylene	16.88	276	690802	39.03	nq	95

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

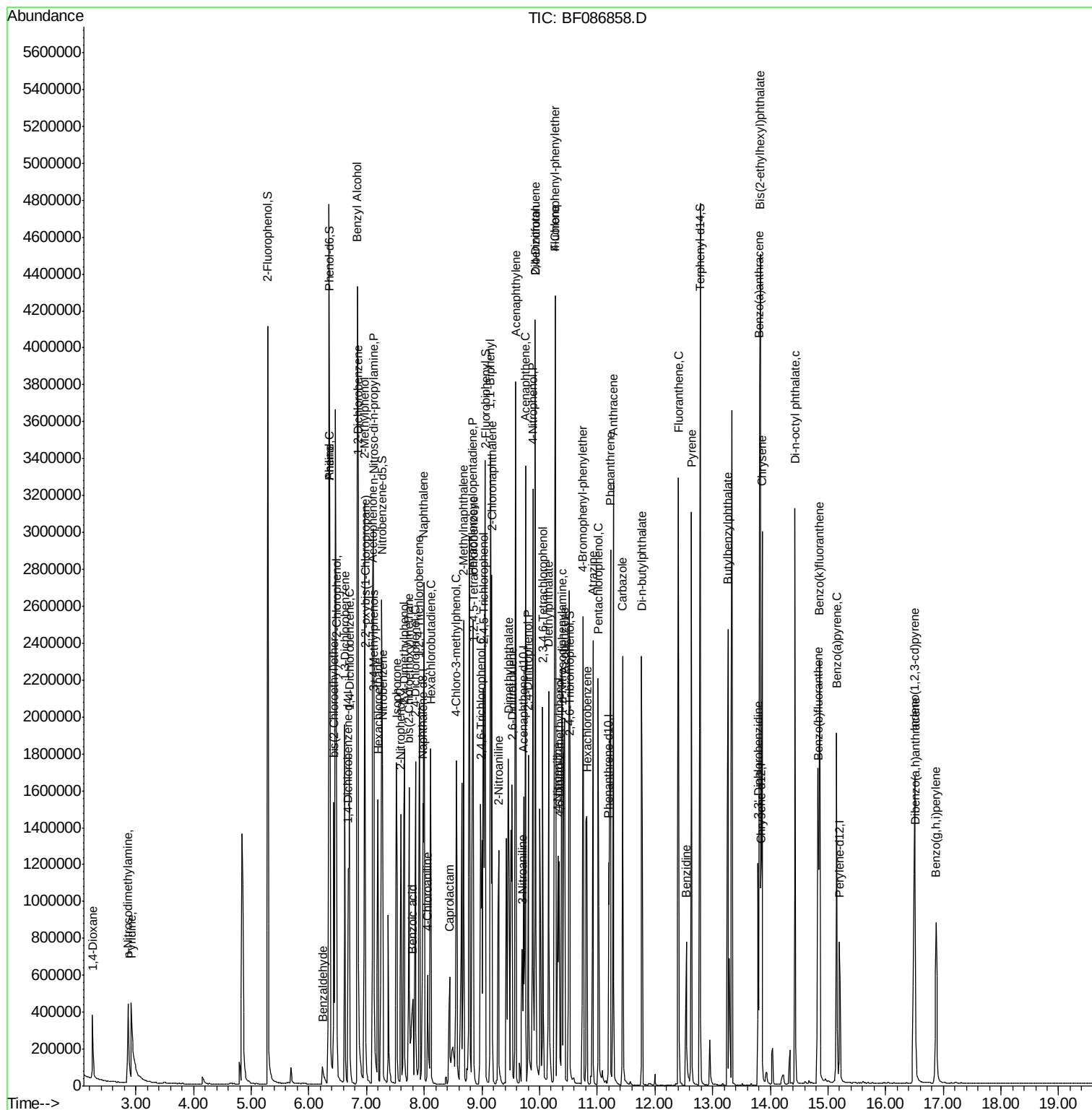
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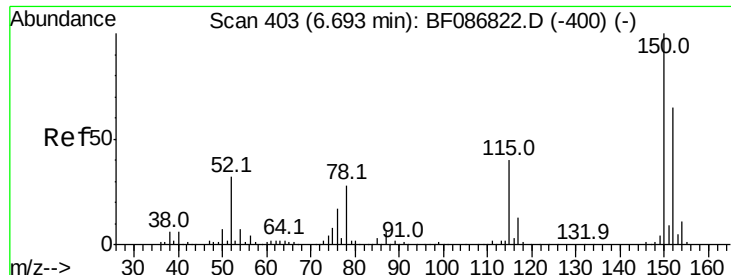
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

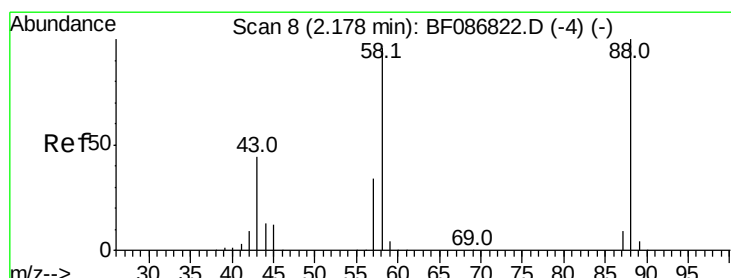
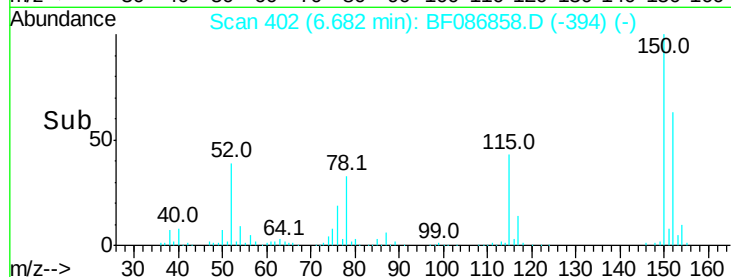
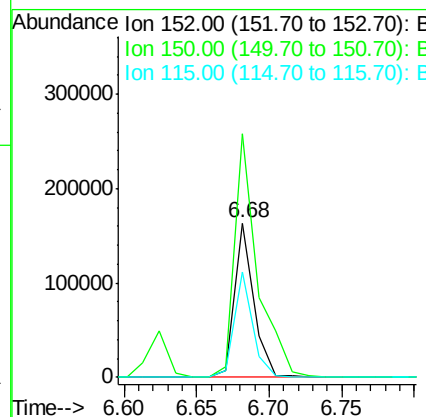
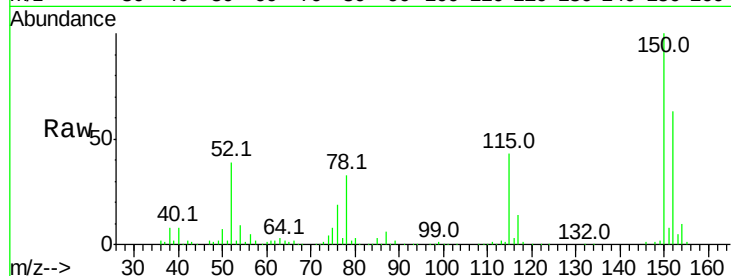
ClientSampleId :

PB90408BS

Tot Ion:	152	Resp:	149801
Ion Ratio	Lower	Upper	
152	100		
150	158.0	125.8	188.6
115	68.6	51.5	77.3

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#2

1,4-Dioxane

Concen: 30.22 ng

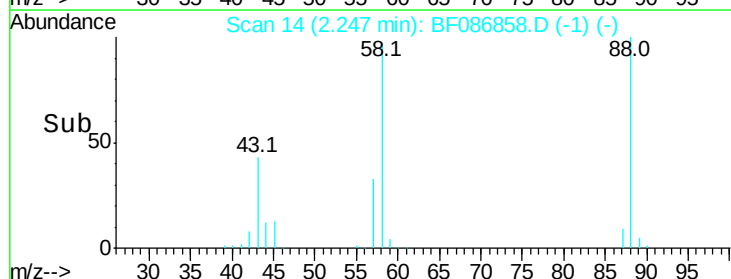
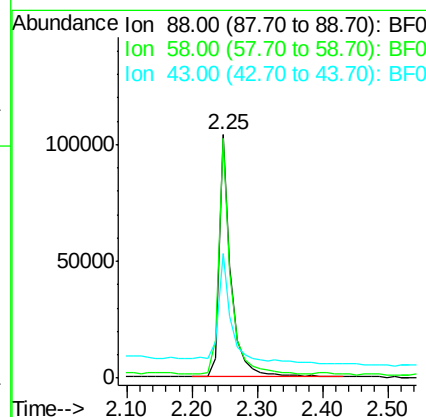
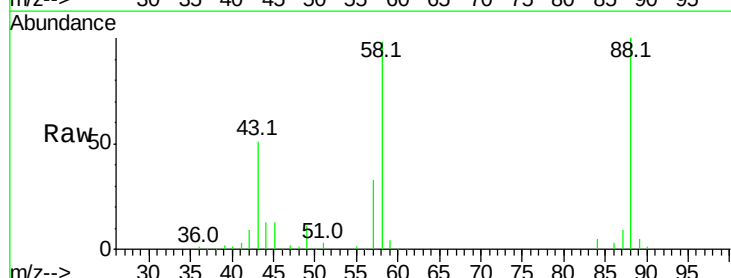
RT: 2.25 min Scan# 14

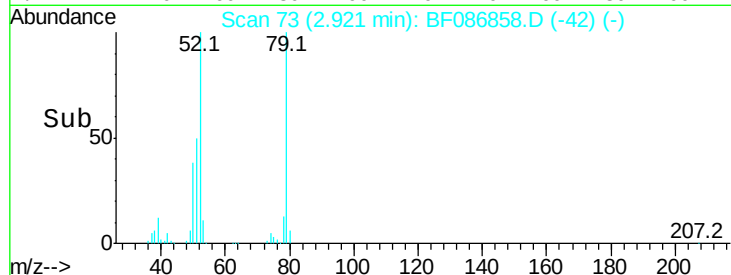
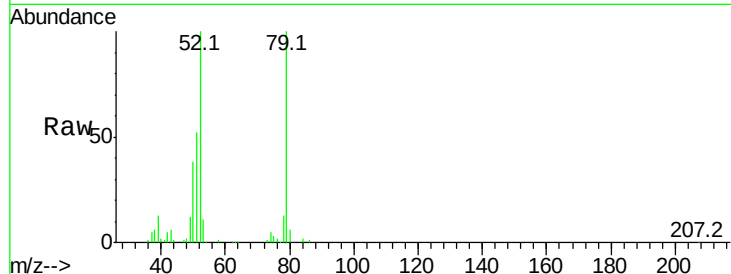
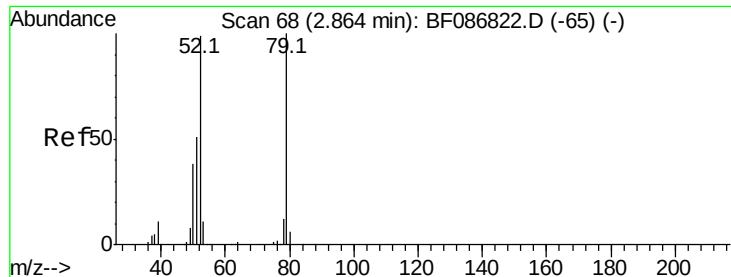
Delta R.T. 0.07 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	88	Resp:	131248
Ion Ratio	Lower	Upper	
88	100		
58	98.5	59.6	89.4#
43	54.6	21.8	32.6#





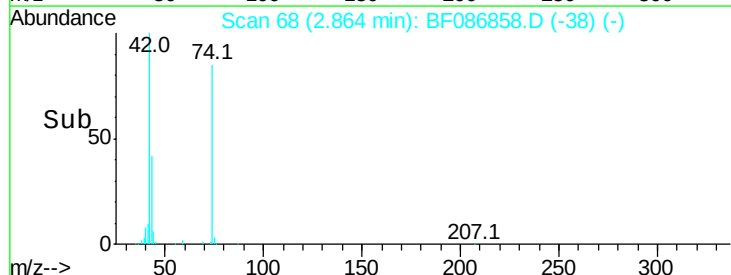
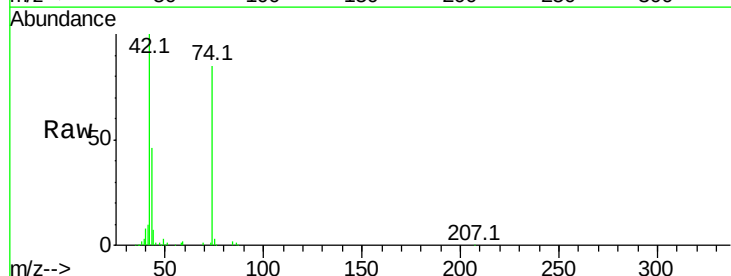
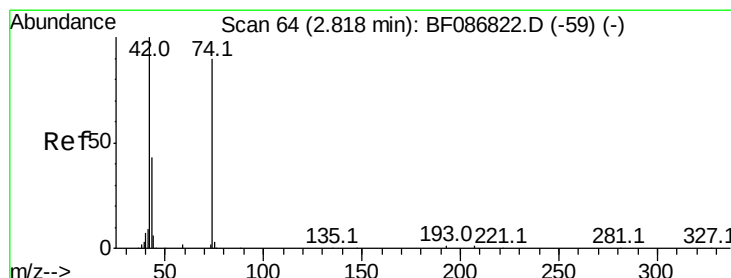
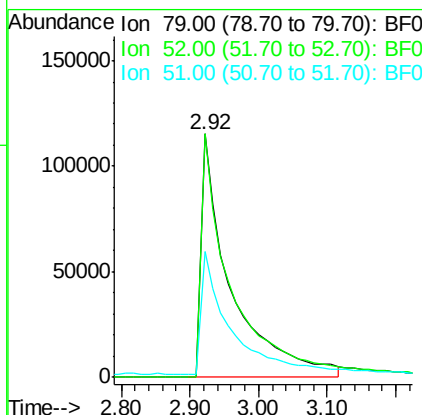
#3
Pvridine
Concen: 32.44 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.9	55.9	83.9#
51	51.8	28.1	42.1#

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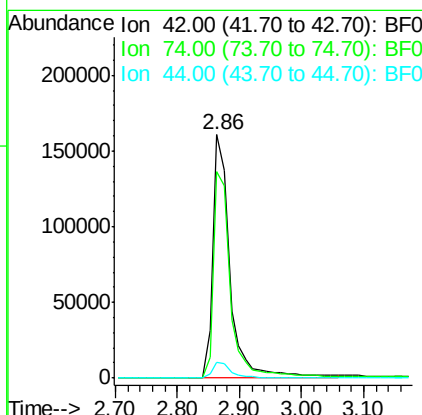
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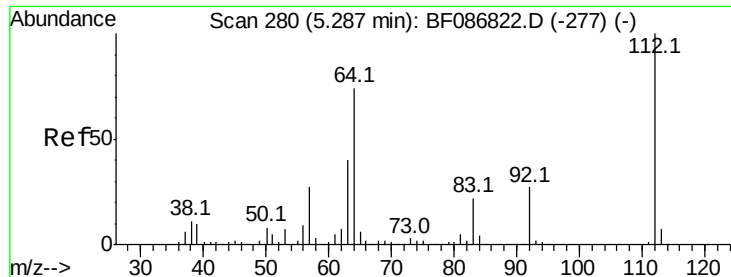
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#4
n-Nitrosodimethylamine
Concen: 39.25 ng
RT: 2.86 min Scan# 68
Delta R.T. 0.05 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.7	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 118.04 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

Tot Ion:112 Resp: 1044158

Ion Ratio Lower Upper

112 100

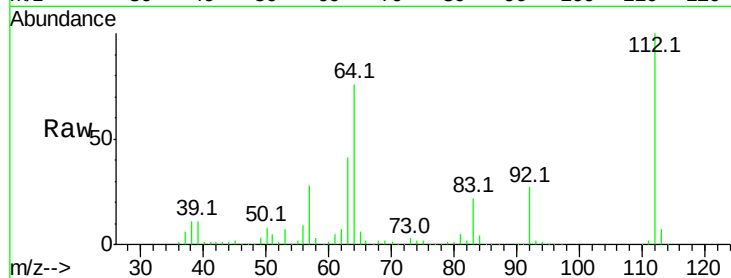
64 75.8 52.1 78.1

63 41.0 25.7 38.5#

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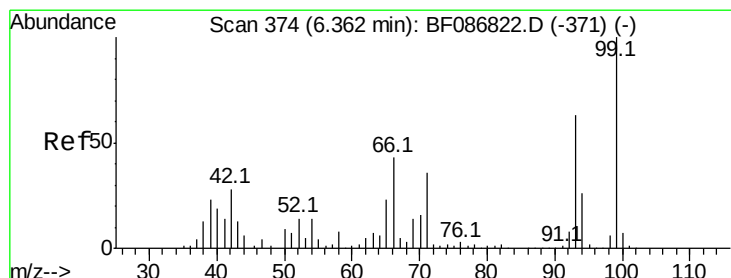
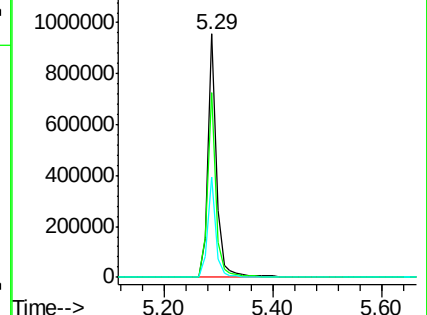
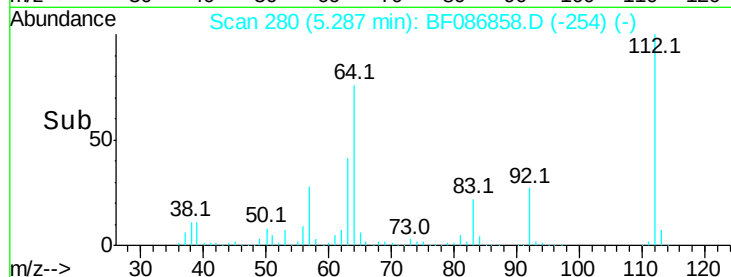
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.75 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

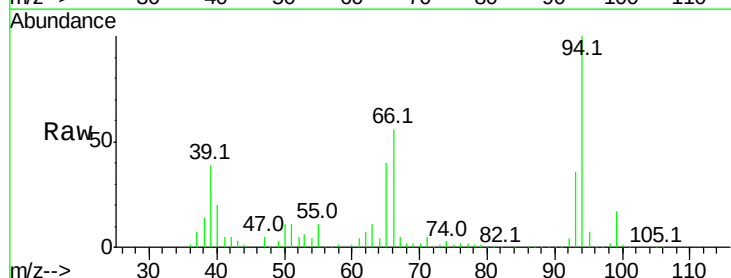
Tgt Ion: 93 Resp: 411085

Ion Ratio Lower Upper

93 100

66 153.9 39.0 58.6#

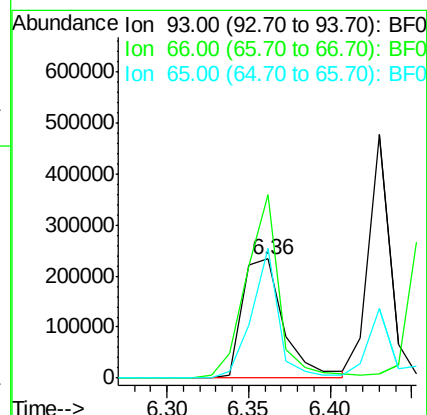
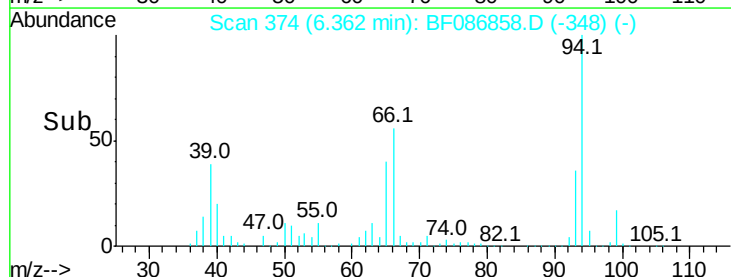
65 109.2 20.6 31.0#

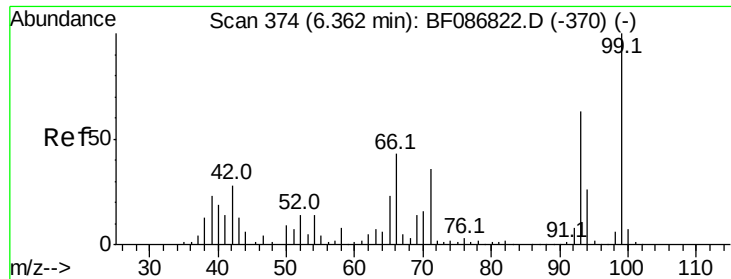


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.91 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampled :

PB90408BS

Tot Ion: 99 Resp: 1405733

Ion Ratio Lower Upper

99 100

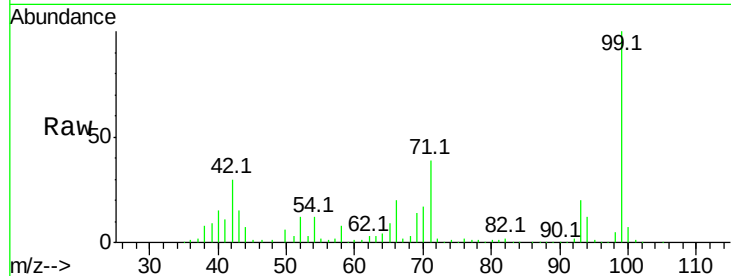
42 29.7 13.6 20.4#

71 39.1 24.6 36.8#

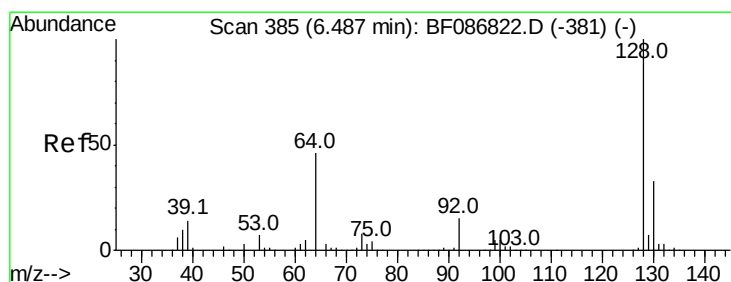
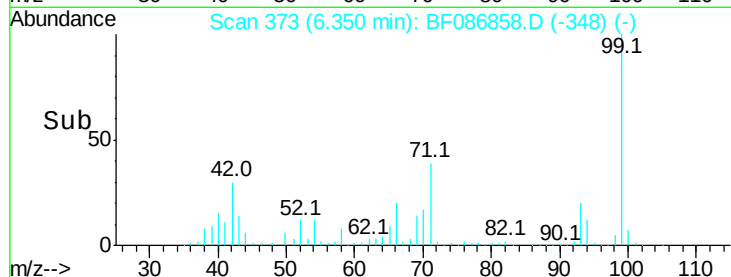
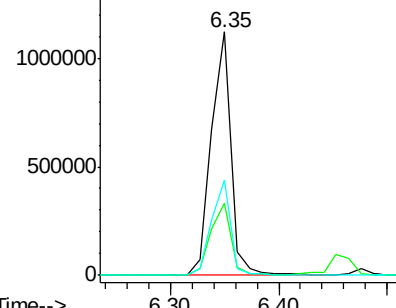
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.95 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

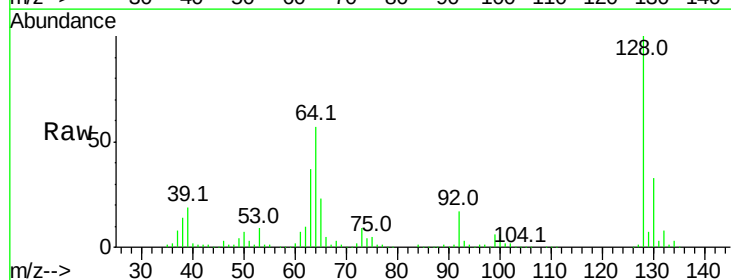
Tgt Ion: 128 Resp: 437124

Ion Ratio Lower Upper

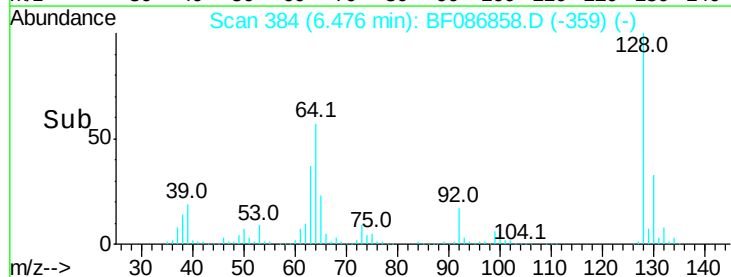
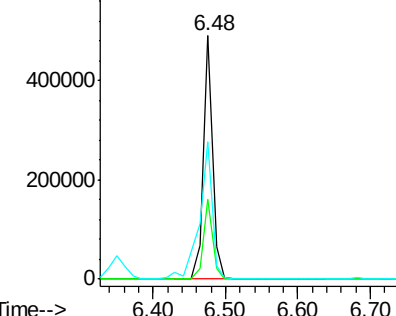
128 100

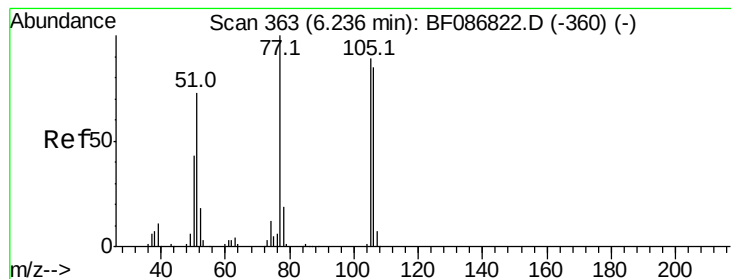
130 32.8 12.5 52.5

64 56.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 5.89 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

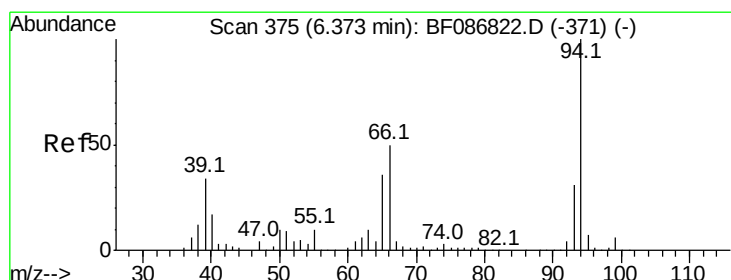
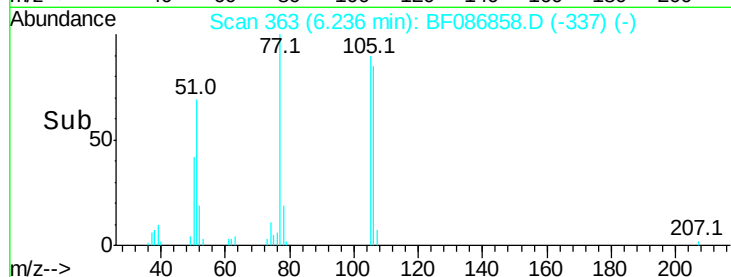
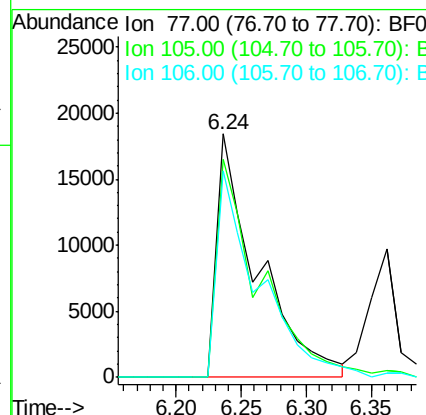
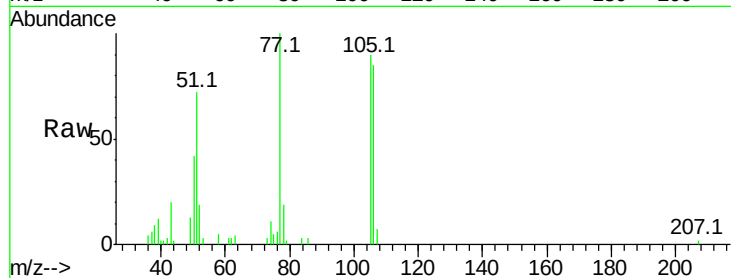
ClientSampled :

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Tot Ion:	77	Resp:	40332
Ion	Ratio	Lower	Upper
77	100		
105	89.6	72.7	112.7
106	85.0	70.8	110.8



#10

Phenol

Concen: 43.22 ng

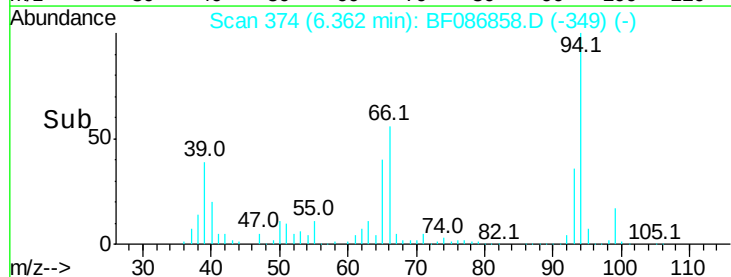
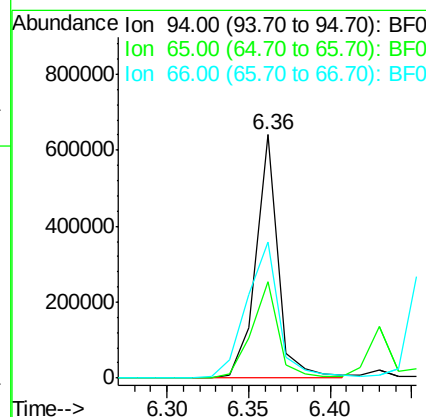
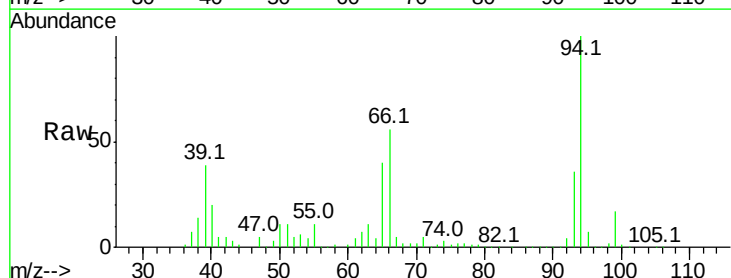
RT: 6.36 min Scan# 374

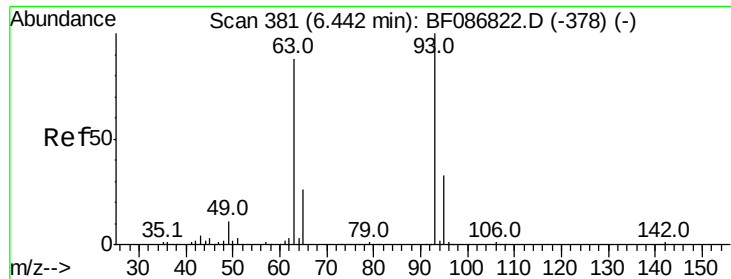
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	94	Resp:	607245
Ion	Ratio	Lower	Upper
94	100		
65	39.7	7.2	47.2
66	55.9	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 39.41 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

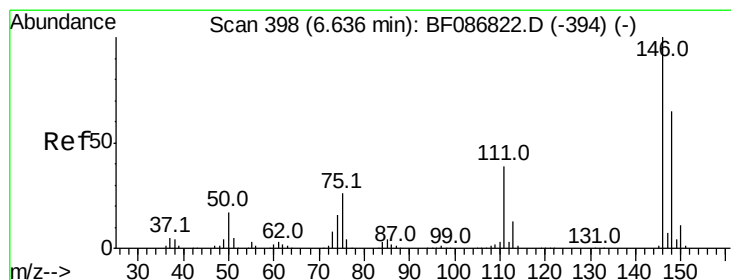
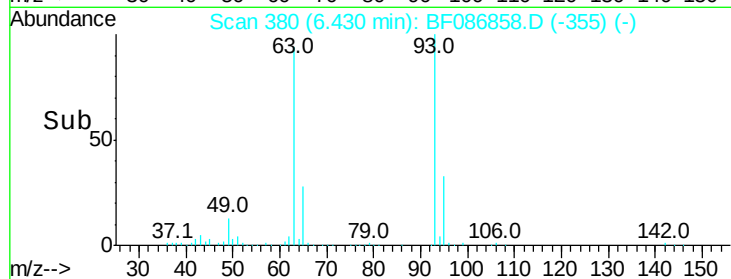
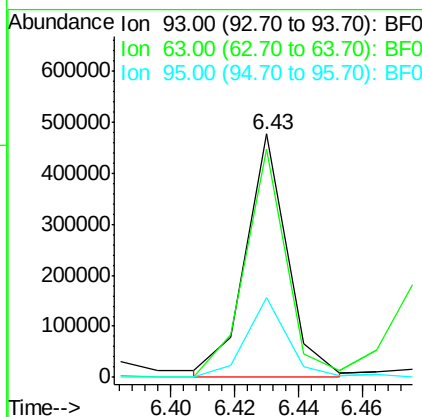
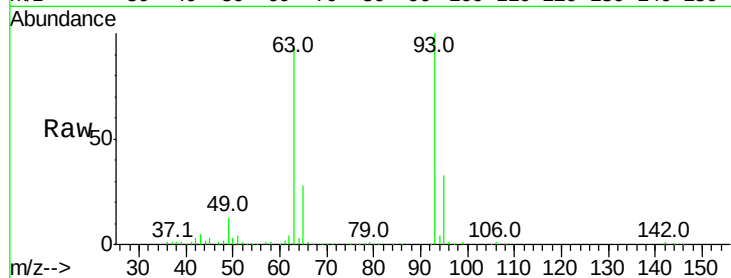
ClientSampleId :

PB90408BS

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Tot Ion	93	Resp	431741
Ion Ratio	100	Lower	Upper
93	100		
63	94.0	58.0	98.0
95	32.8	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 39.59 ng/mL

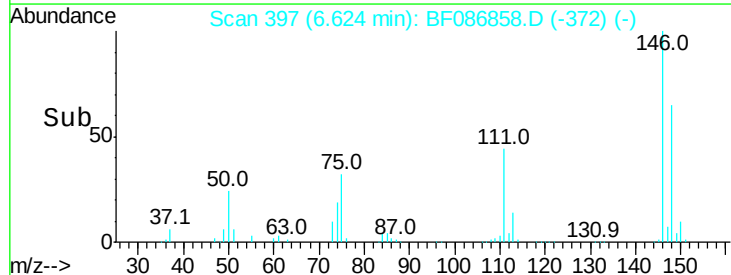
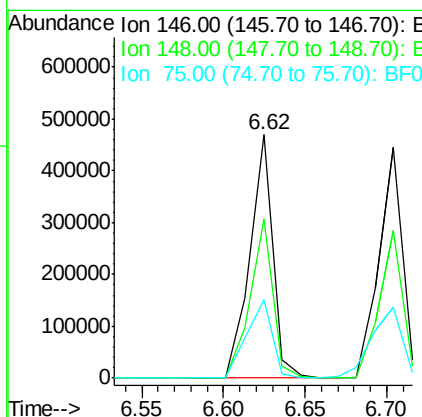
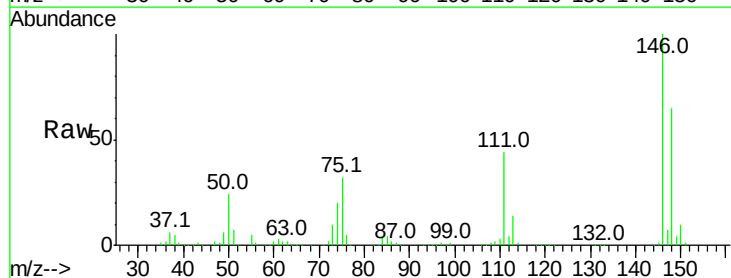
RT: 6.62 min Scan# 397

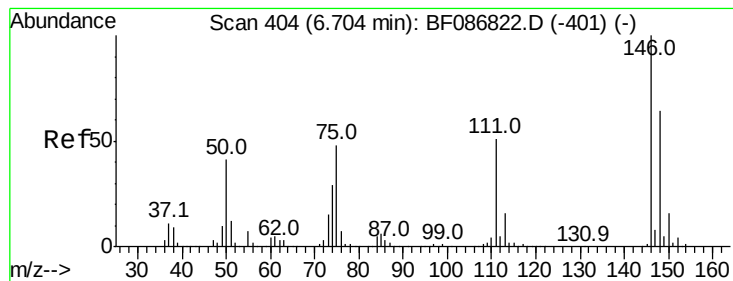
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion	146	Resp	457245
Ion Ratio	100	Lower	Upper
146	100		
148	65.2	52.4	78.6
75	32.4	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 39.20 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

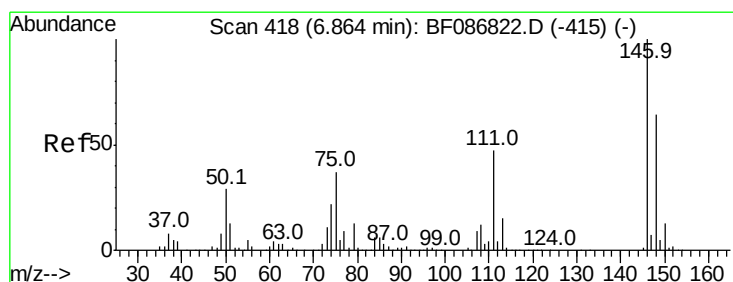
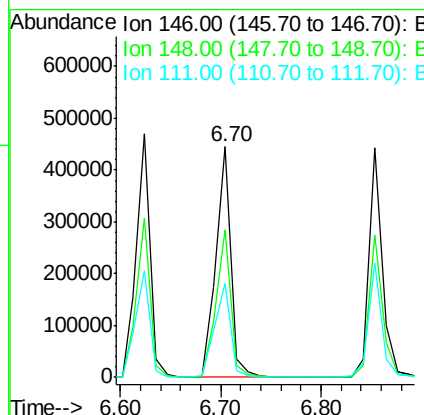
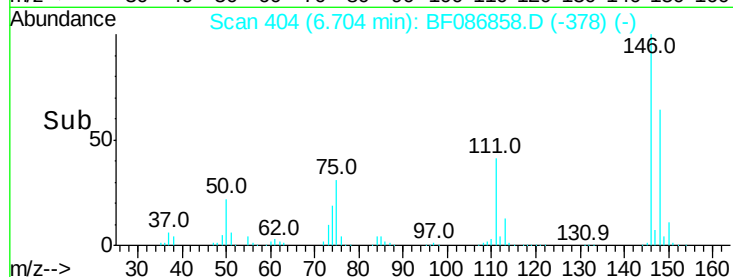
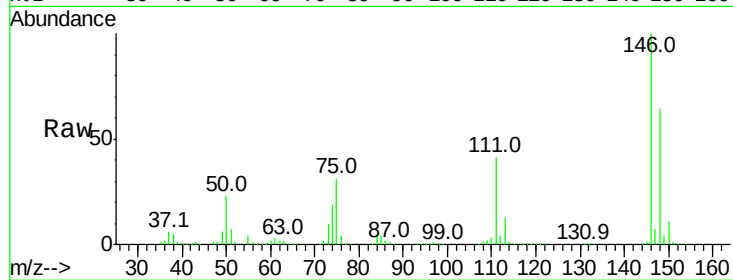
ClientSampleId :

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Tot Ion:	146	Resp:	461757
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	40.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 39.85 ng

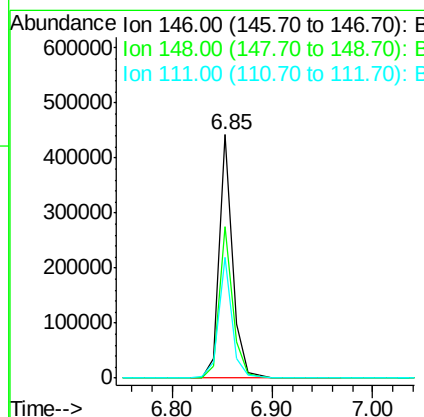
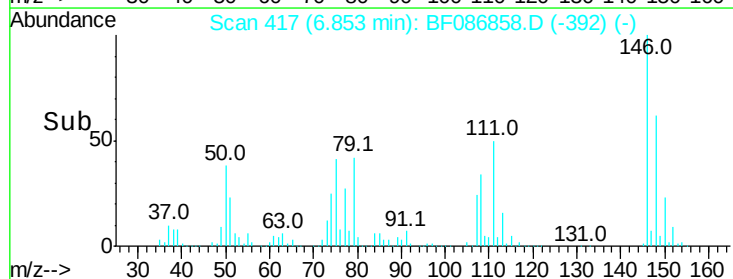
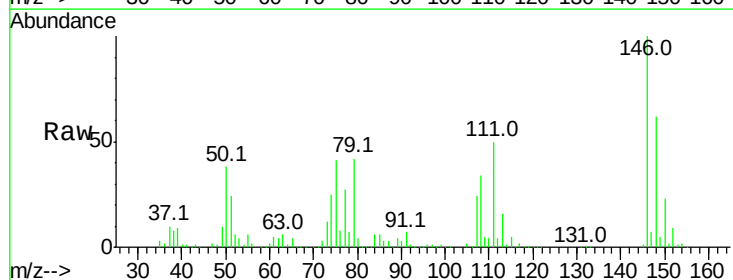
RT: 6.85 min Scan# 417

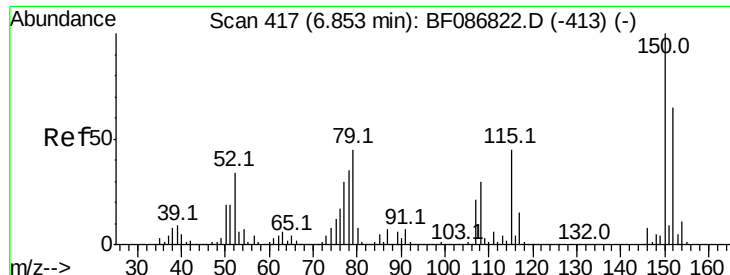
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	146	Resp:	409077
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.0	76.6
111	49.6	36.2	54.4





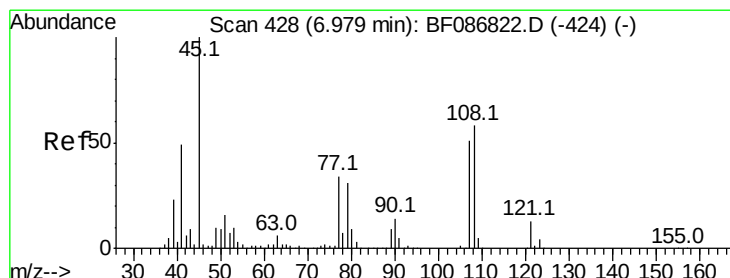
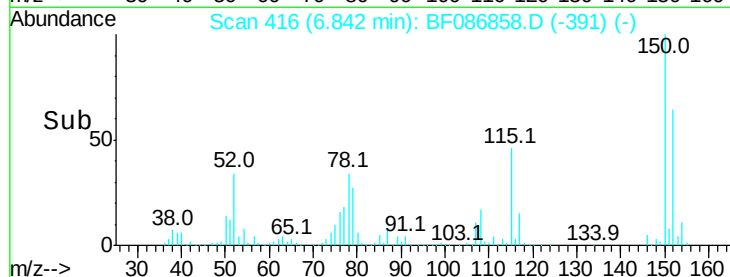
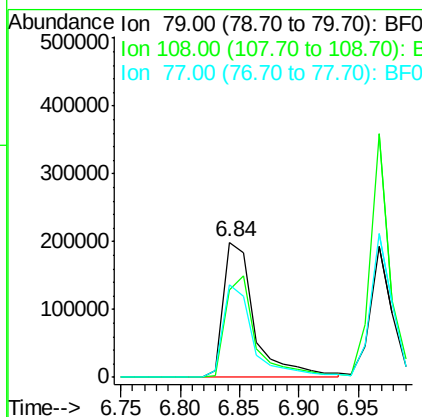
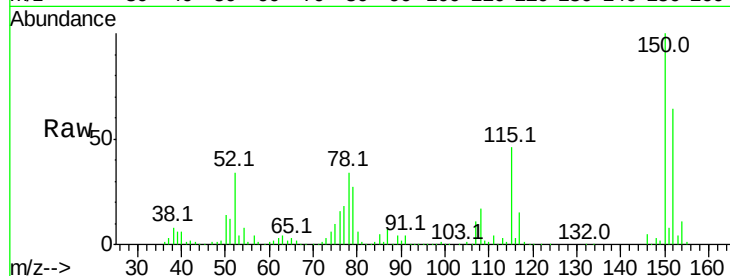
#15
Benzyl Alcohol
Concen: 44.55 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.6	68.4	102.6#
77	68.6	50.6	76.0

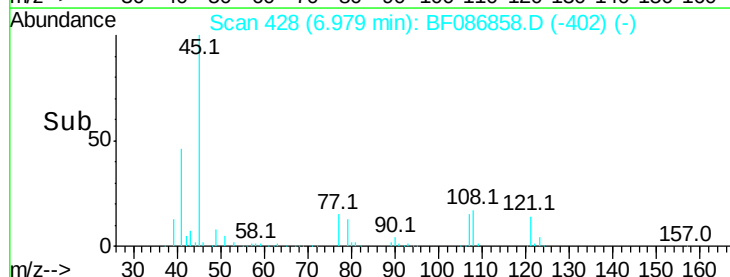
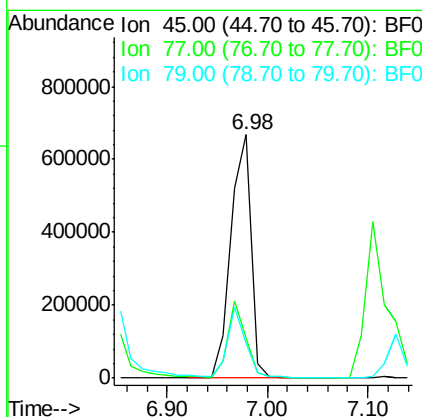
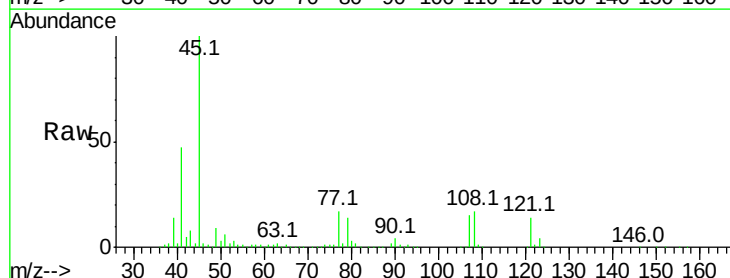
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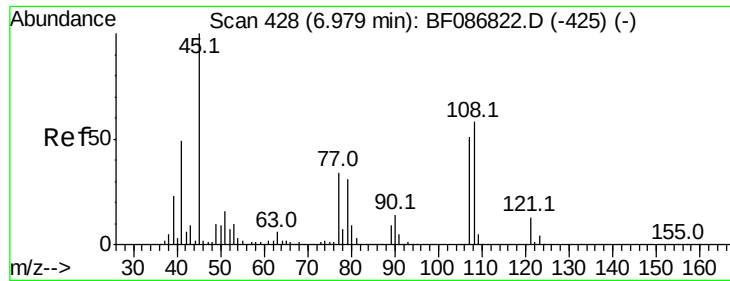
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.14 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.4
79	14.3	0.0	33.4





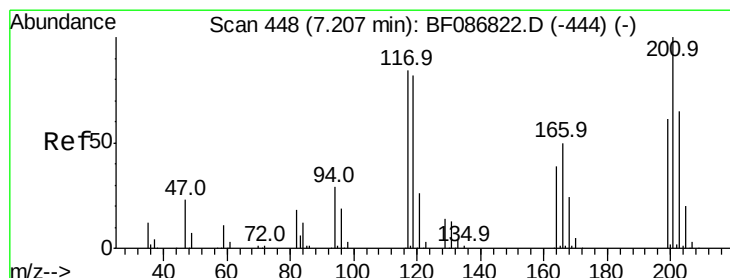
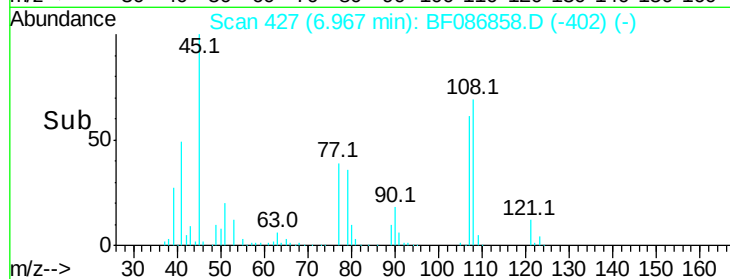
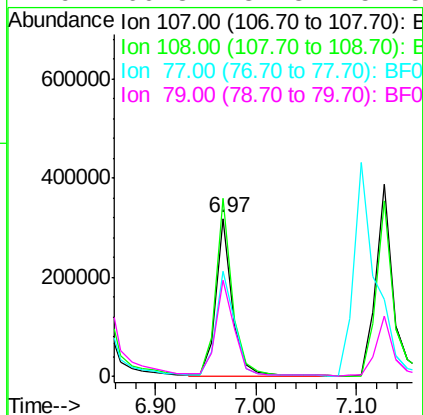
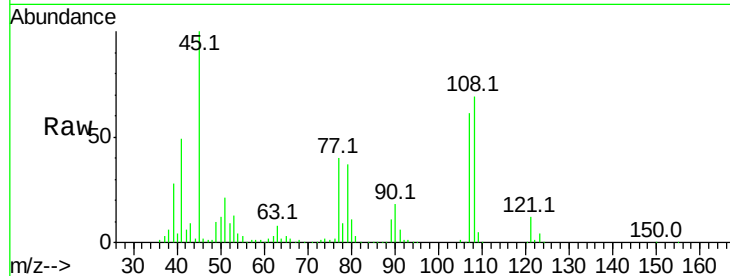
#17
2-Methylphenol
Concen: 42.27 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.7	93.7	140.5
77	66.3	33.4	50.0#
79	60.8	34.3	51.5#

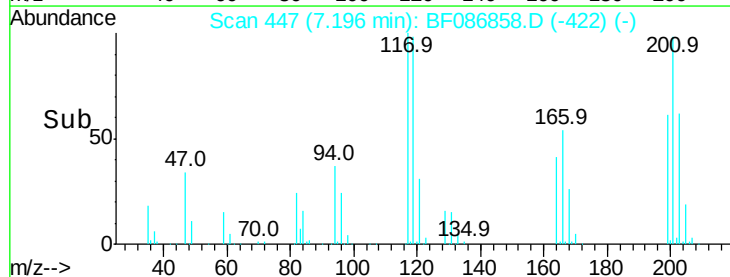
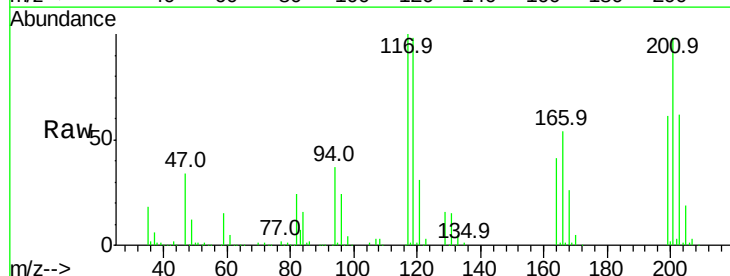
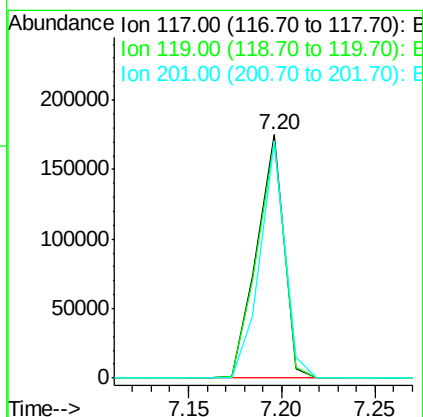
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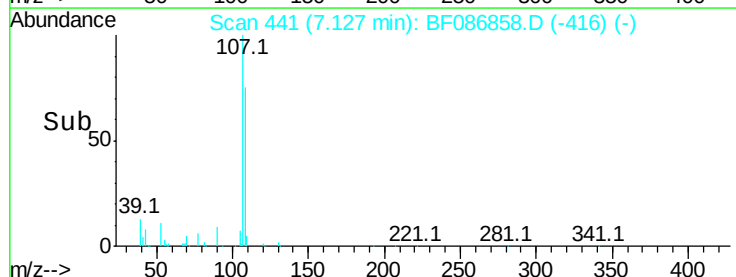
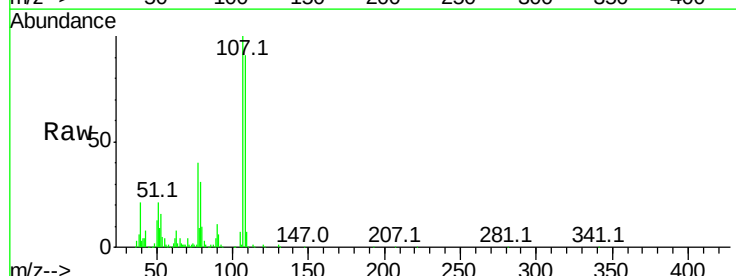
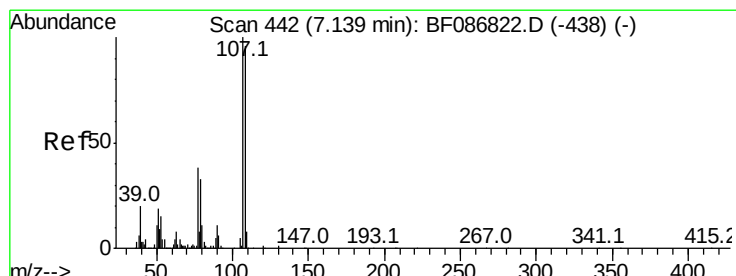
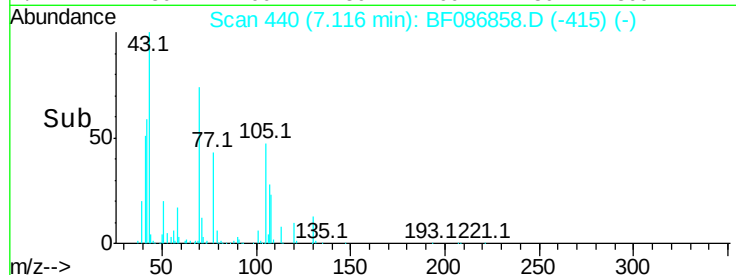
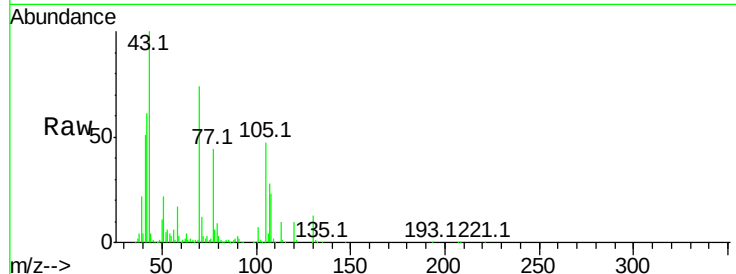
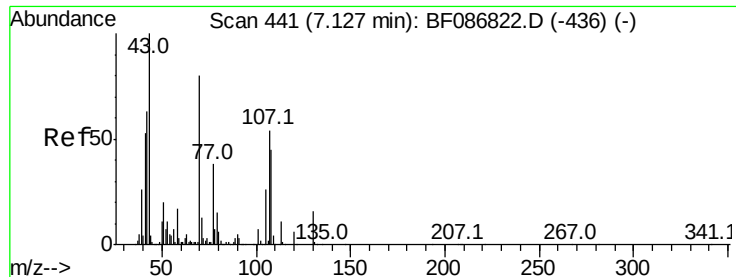
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#18
Hexachloroethane
Concen: 39.69 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.6	76.5	114.7
201	97.7	63.0	94.6#





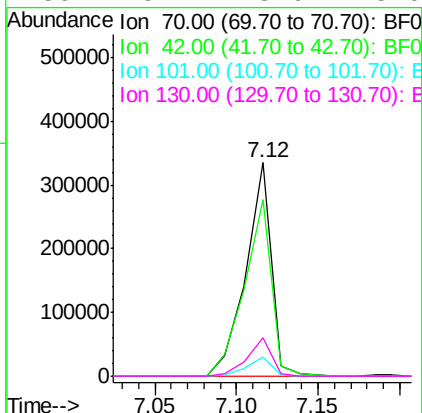
#19
n-Nitroso-di-n-propylamine
Concen: 43.96 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	82.9	43.1	64.7#
101	9.1	8.1	12.1
130	18.1	18.6	28.0#

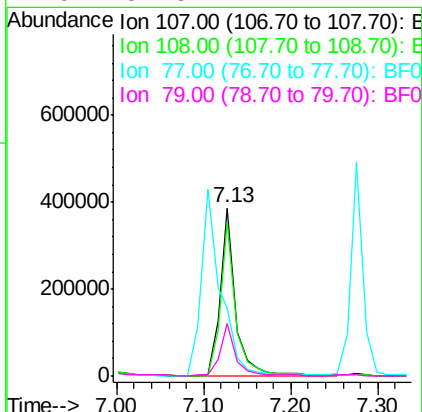
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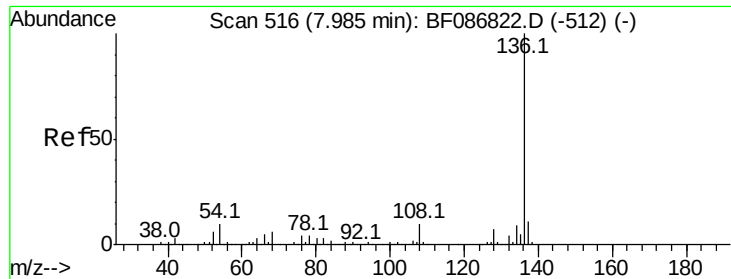
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#20
3+4-Methylphenols
Concen: 43.10 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.5	108.5
77	40.1	101.6	141.6#
79	31.5	7.4	47.4





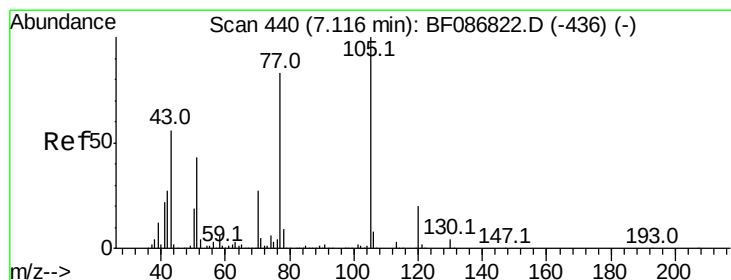
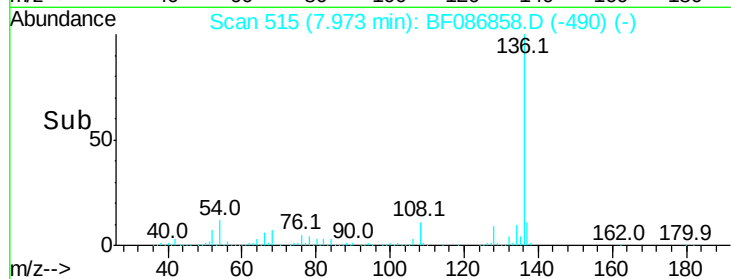
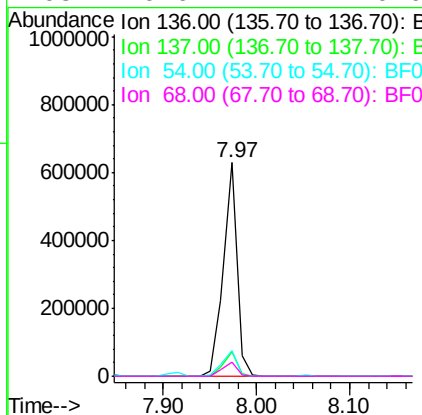
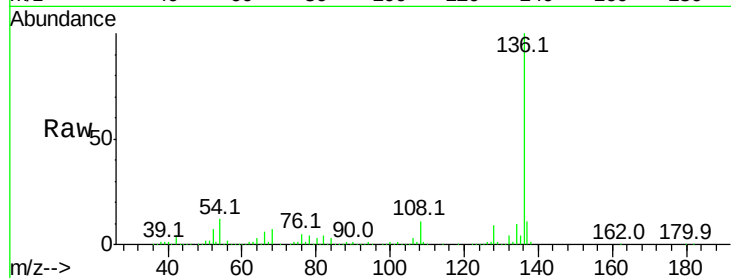
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	11.7	5.0	7.4	
68	6.6	4.4	6.6	

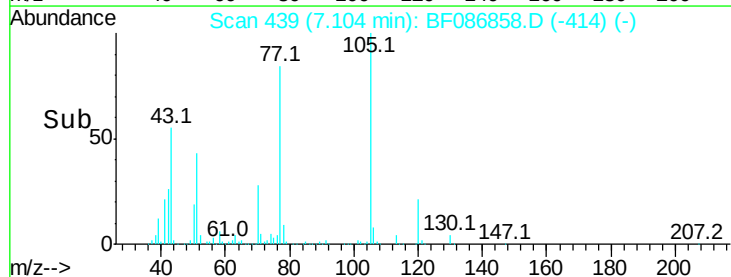
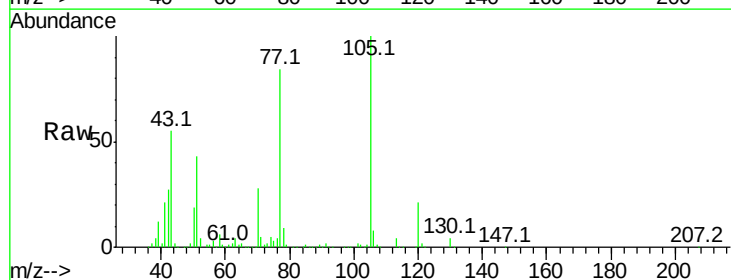
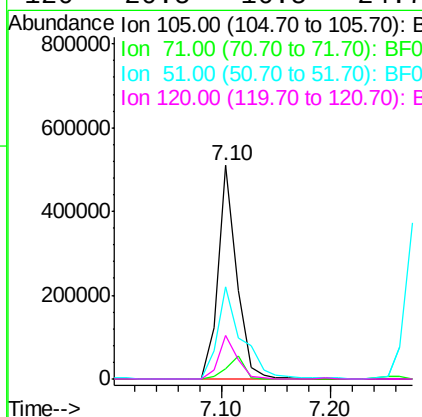
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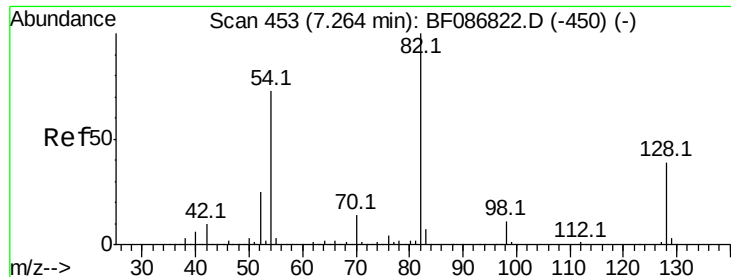
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#22
Acetophenone
Concen: 40.62 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.8	7.2	
51	42.9	32.6	49.0	
120	20.5	16.5	24.7	





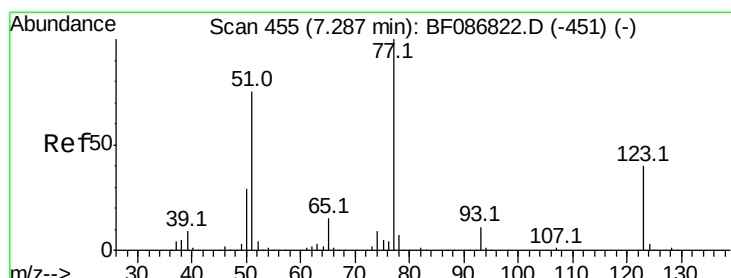
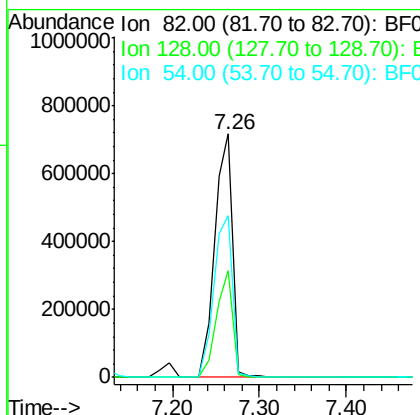
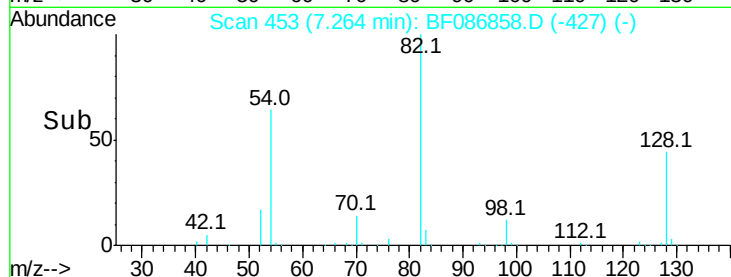
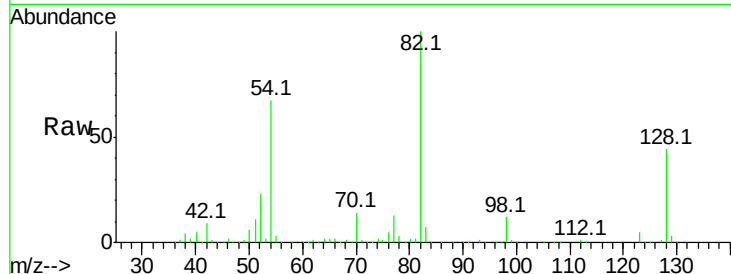
#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion: 82 Resp: 1034743
 Ion Ratio Lower Upper
 82 100
 128 44.0 40.6 61.0
 54 66.6 38.1 57.1#

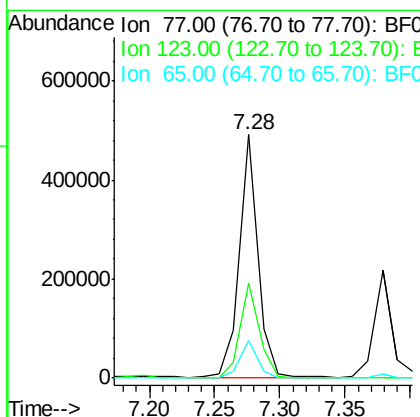
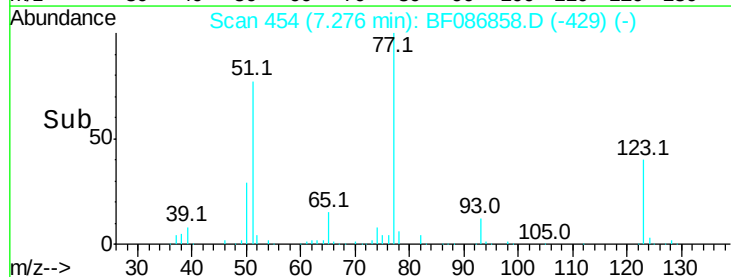
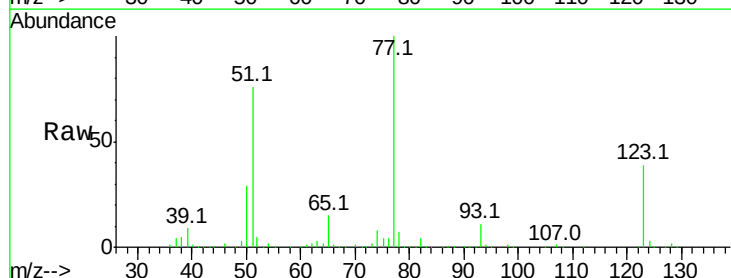
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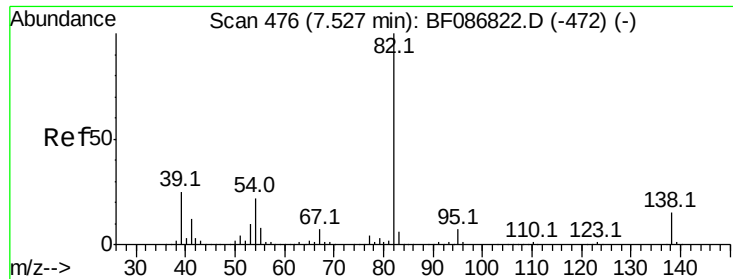
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#24
 Nitrobenzene
 Concen: 36.62 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion: 77 Resp: 478716
 Ion Ratio Lower Upper
 77 100
 123 39.2 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.87 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

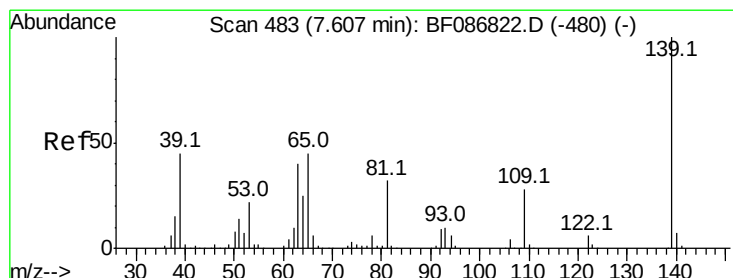
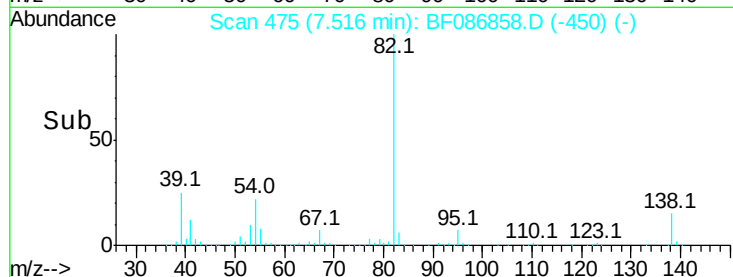
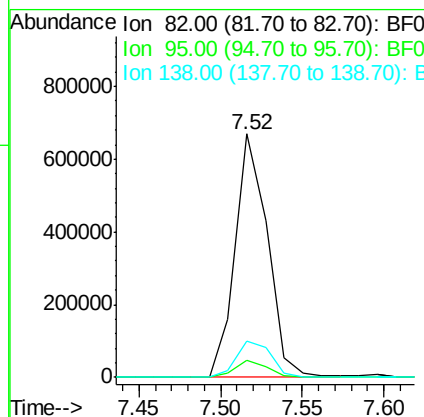
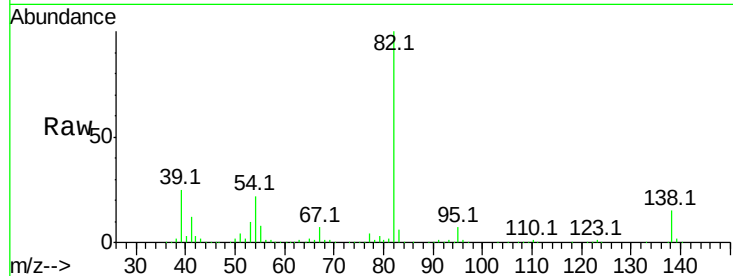
ClientSampleId :

PB90408BS

Tot Ion:	82	Resp:	916397
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	15.1	12.4	18.6

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#26

2-Nitrophenol

Concen: 41.41 ng

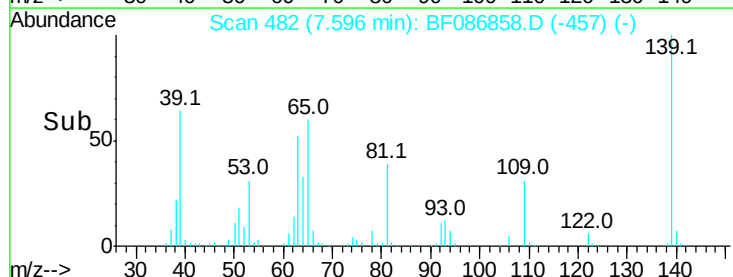
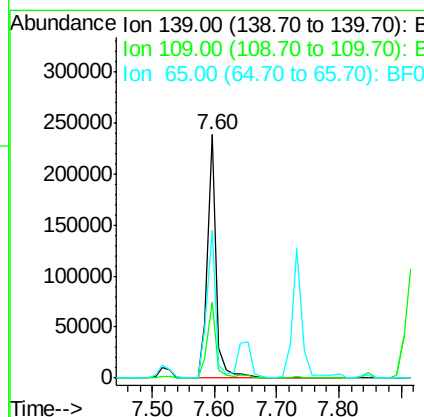
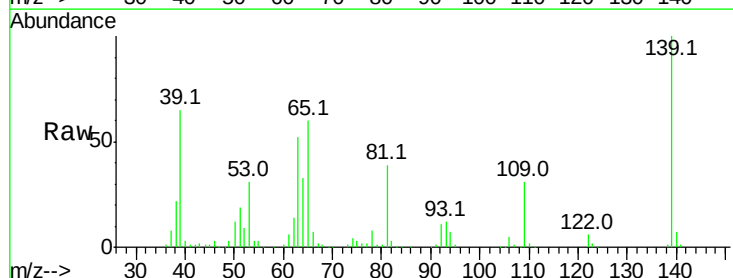
RT: 7.60 min Scan# 482

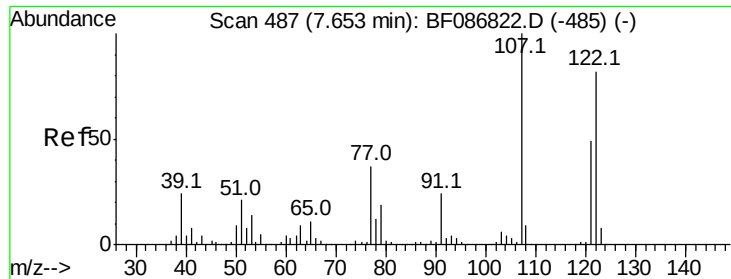
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	139	Resp:	237953
Ion Ratio	Lower	Upper	
139	100		
109	31.3	19.5	29.3#
65	60.4	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 42.16 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

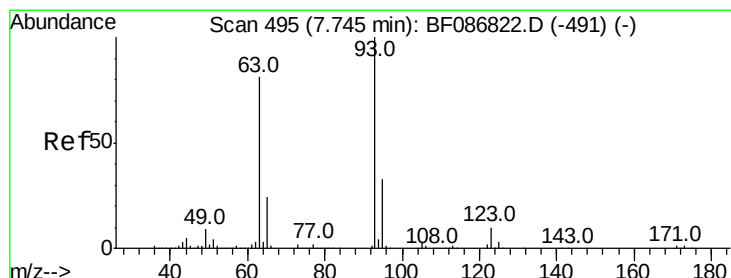
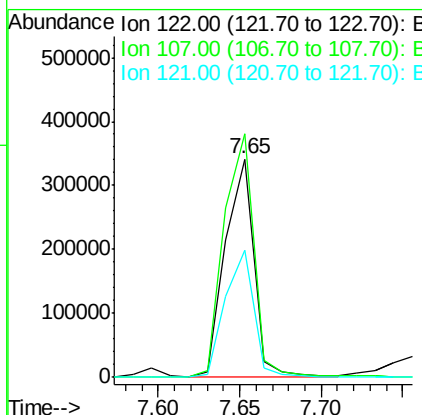
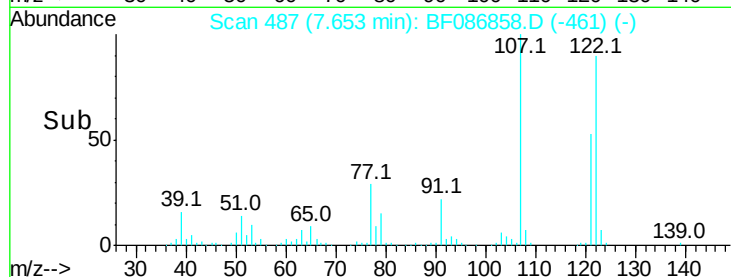
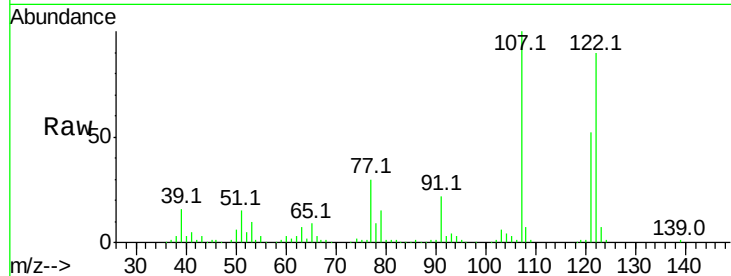
ClientSampled :

PB90408BS

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Tot Ion:	122	Resp:	412653
Ion Ratio	Lower	Upper	
122	100		
107	111.4	82.0	123.0
121	58.5	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.04 ng

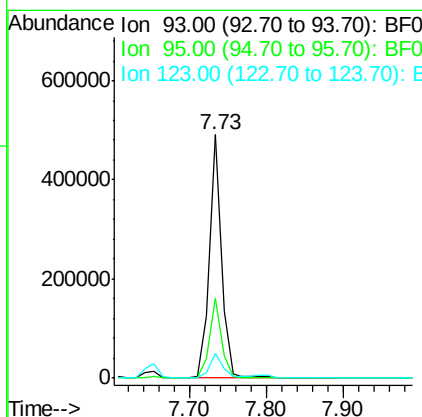
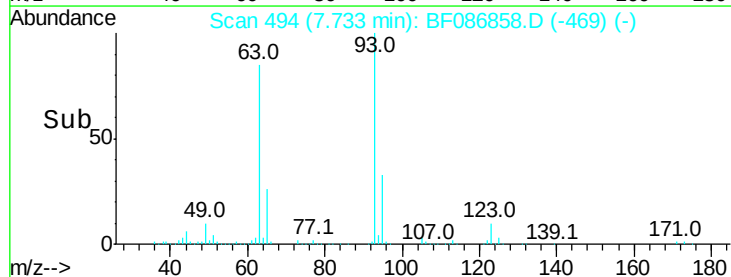
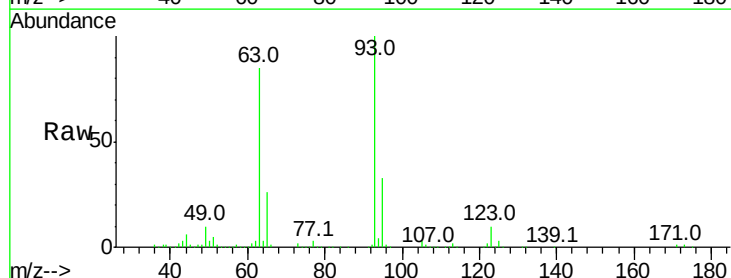
RT: 7.73 min Scan# 494

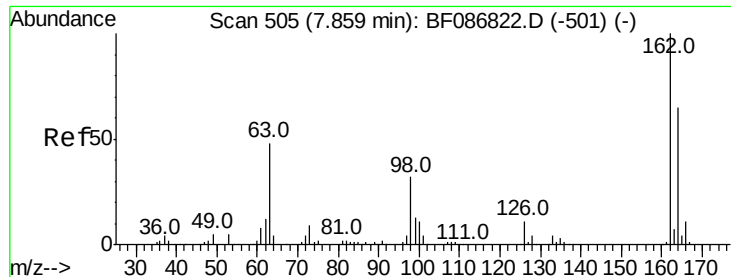
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	93	Resp:	534652
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	9.9	9.5	14.3





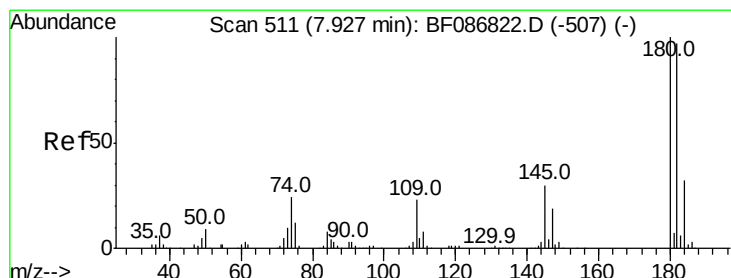
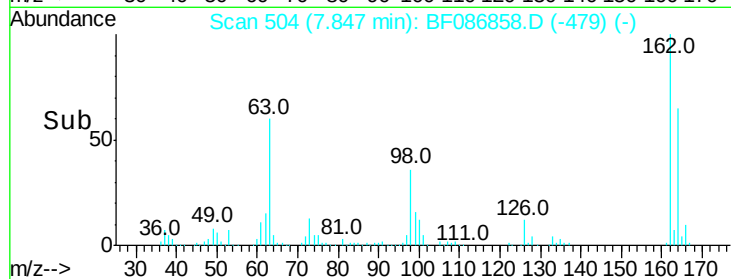
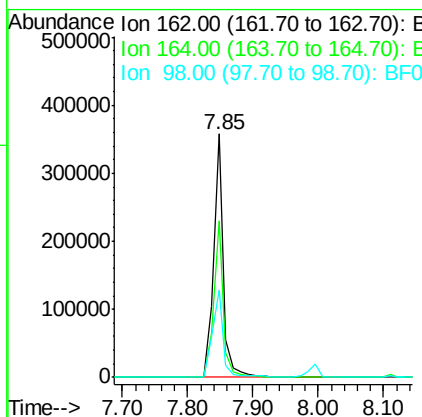
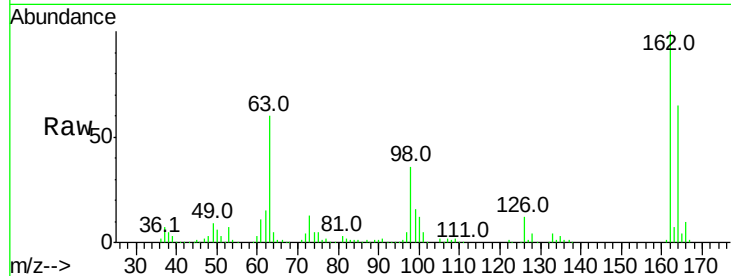
#29
 2,4-Dichlorophenol
 Concen: 44.20 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleID :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380797		
164	64.5	42.2	82.2	
98	35.7	19.0	59.0	

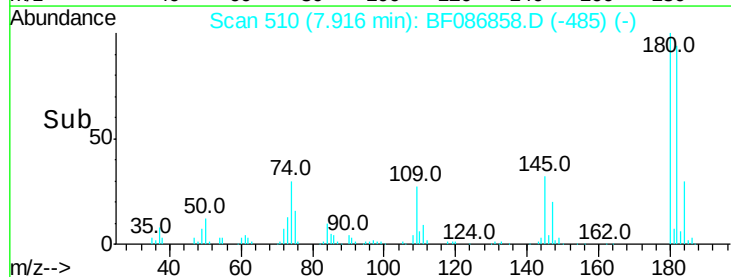
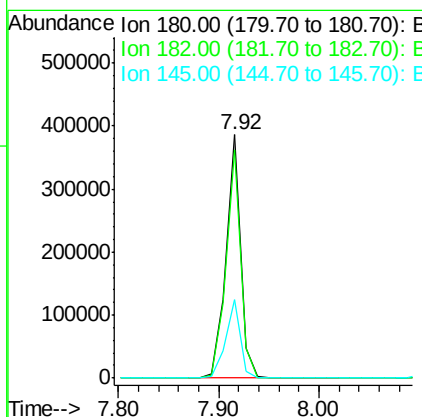
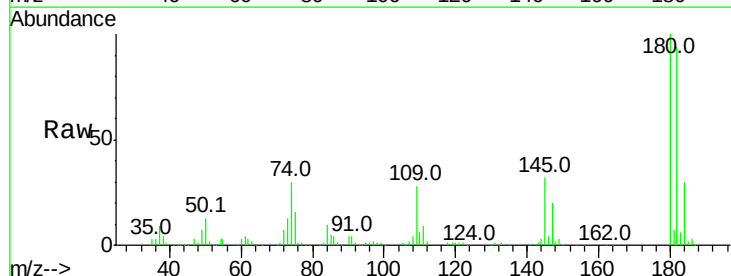
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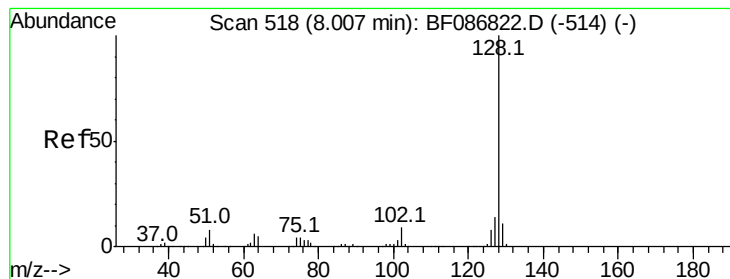
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.54 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390489		
182	93.7	78.0	117.0	
145	32.0	24.2	36.2	





#31

Naphthalene

Concen: 40.56 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

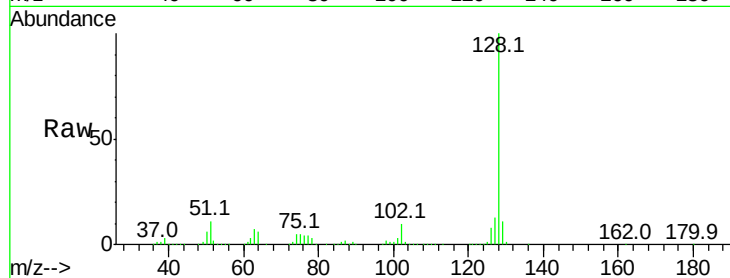
ClientSampleId :

PB90408BS

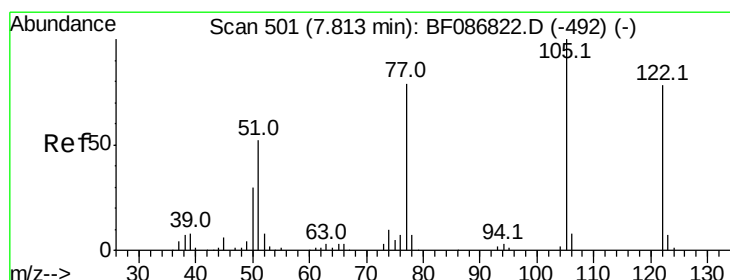
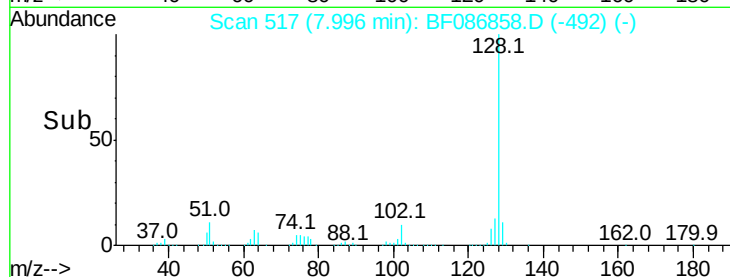
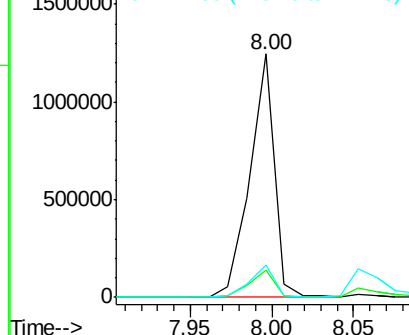
Tot Ion:	128	Resp:	1296120
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.4	10.8	16.2

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



#32

Benzoic acid

Concen: 38.99 ng

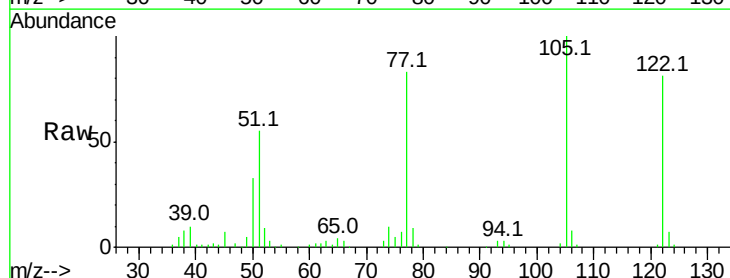
RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

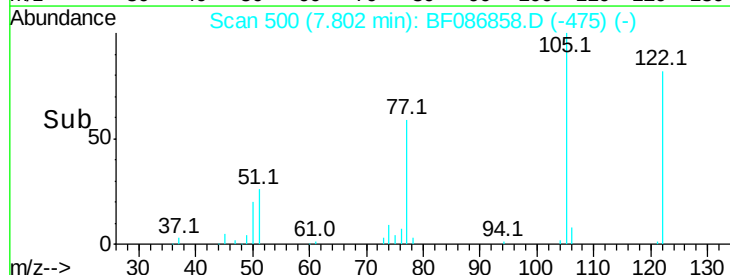
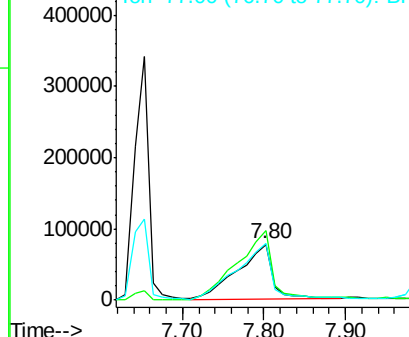
Lab File: BF086858.D

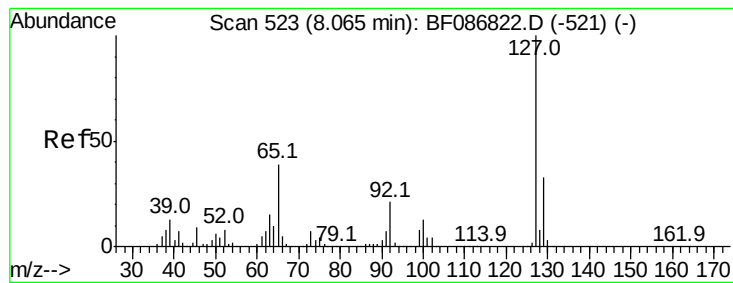
Acq: 10 May 2016 14:25

Tgt Ion:	122	Resp:	224155
Ion	Ratio	Lower	Upper
122	100		
105	123.8	92.6	132.6
77	102.6	60.0	100.0#



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





#33

4-Chloroaniline

Concen: 18.83 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

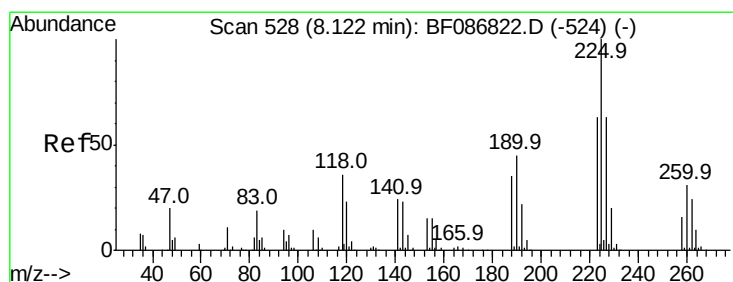
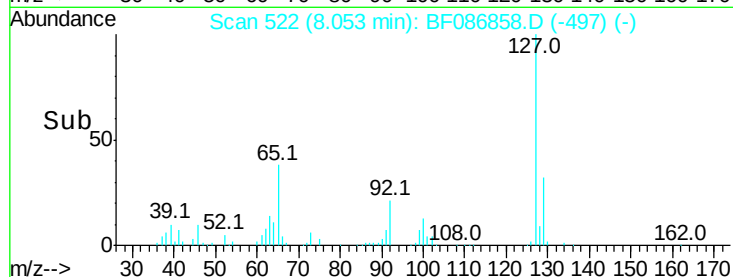
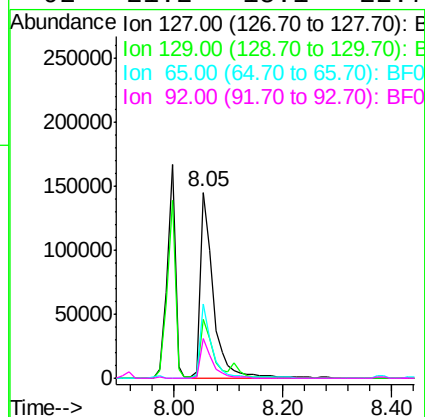
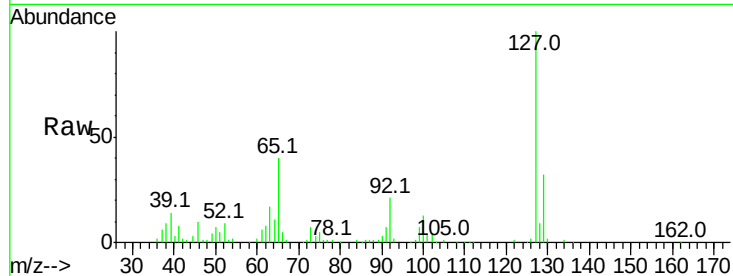
ClientSampleId :

PB90408BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
233842	127	100			
	129	31.5	26.2	39.4	
	65	40.0	23.0	34.4	
	92	21.2	15.1	22.7	

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#34

Hexachlorobutadiene

Concen: 36.46 ng

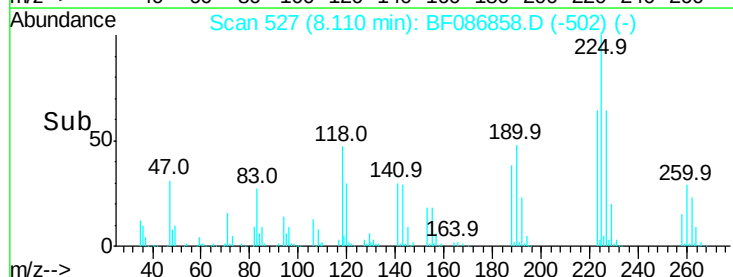
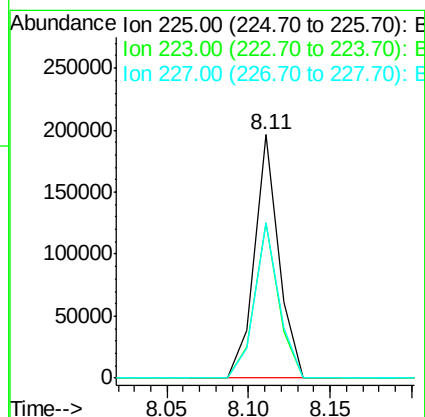
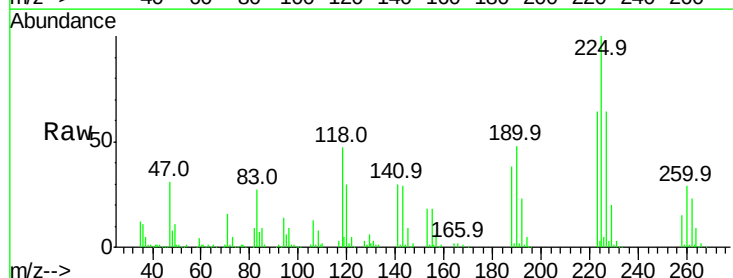
RT: 8.11 min Scan# 527

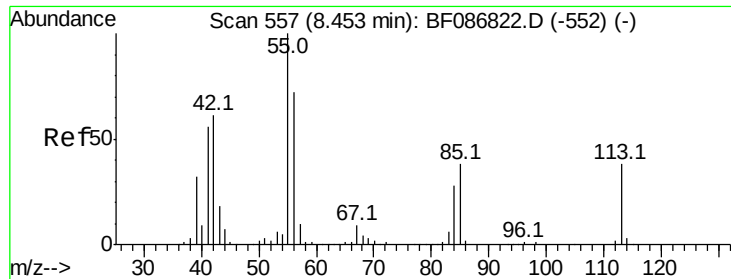
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
203753	225	100			
	223	63.9	51.5	77.3	
	227	63.9	52.2	78.2	





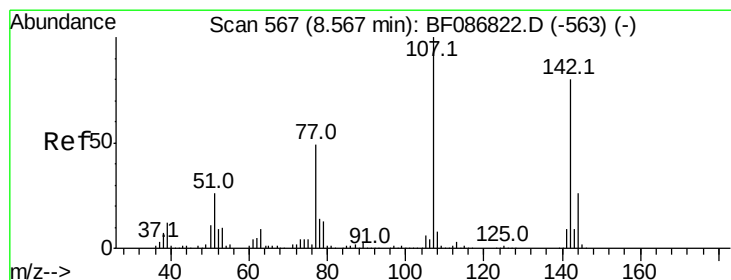
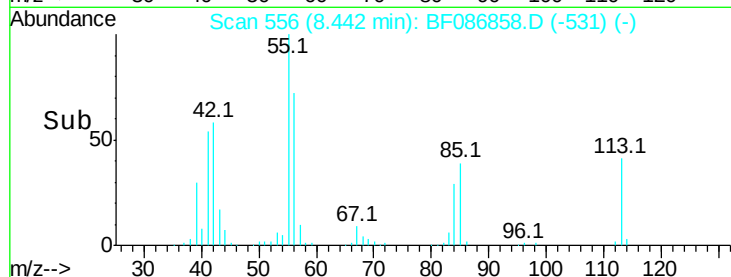
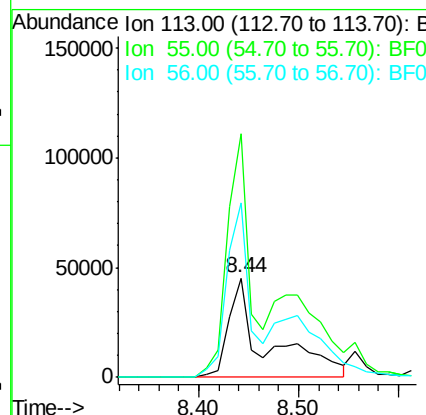
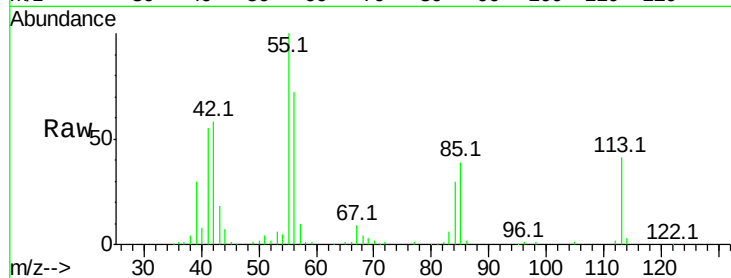
#35
 Caprolactam
 Concen: 41.36 ng/ml
 RT: 8.44 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	245.7	162.0	202.0#
56	176.6	115.3	155.3#

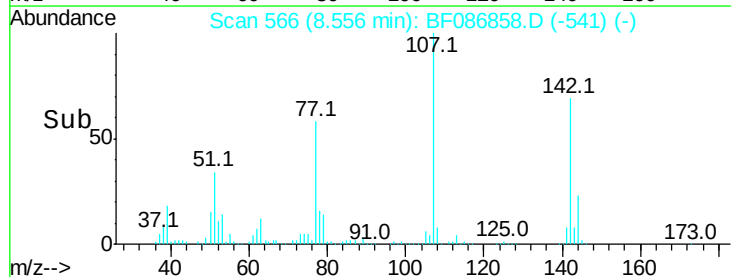
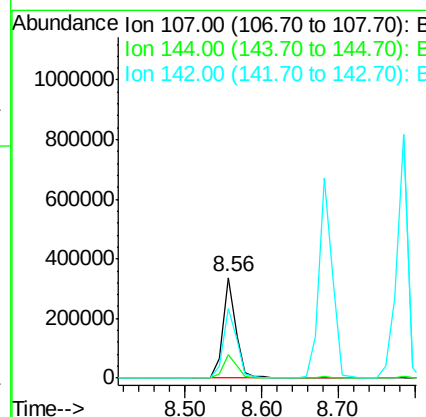
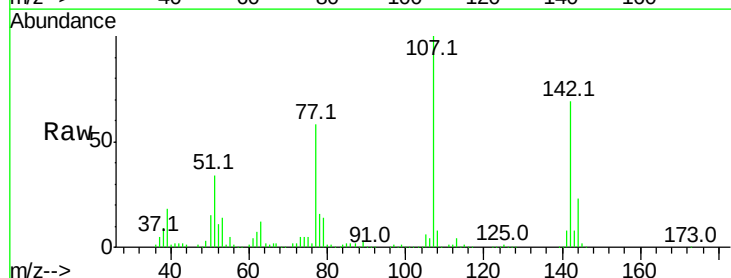
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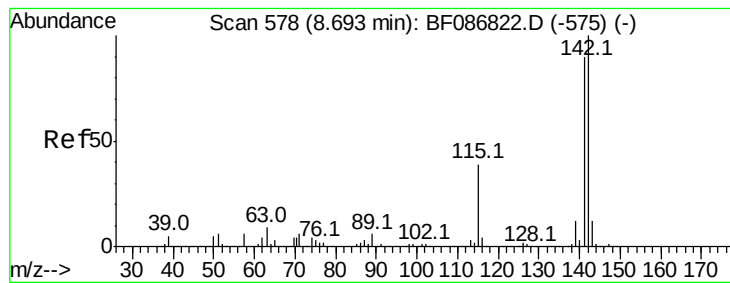
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#36
 4-Chloro-3-methylphenol
 Concen: 38.64 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	20.7	31.1
142	69.2	63.2	94.8





#37

2-Methylnaphthalene

Concen: 42.21 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

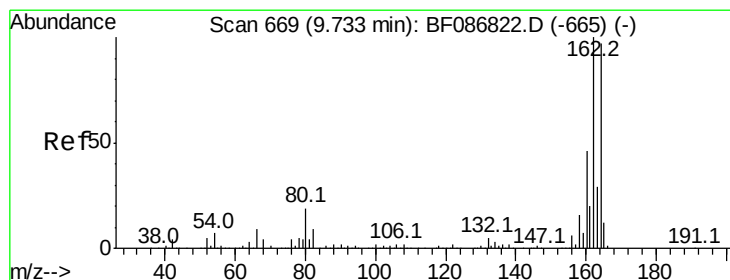
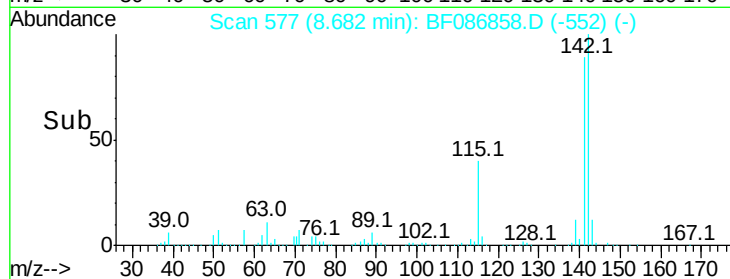
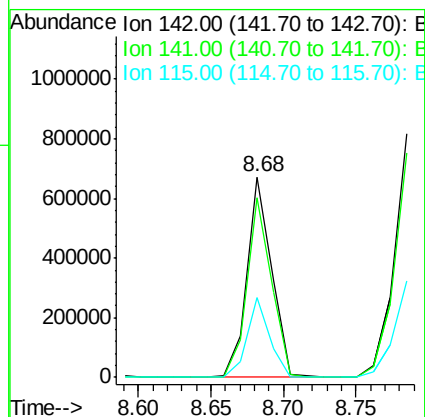
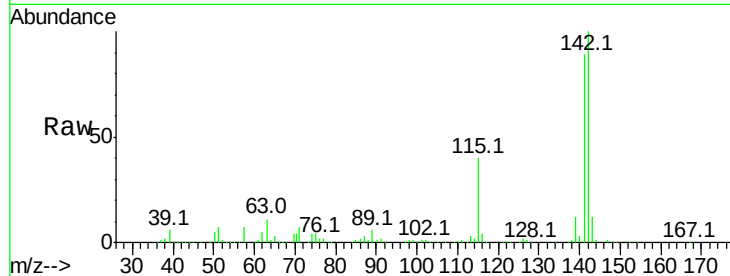
ClientSampleId :

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Tot Ion:	142	Resp:	788632
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.0	106.6
115	39.6	26.6	39.8



#38

Acenaphthene-d10

Concen: 20.00 ng

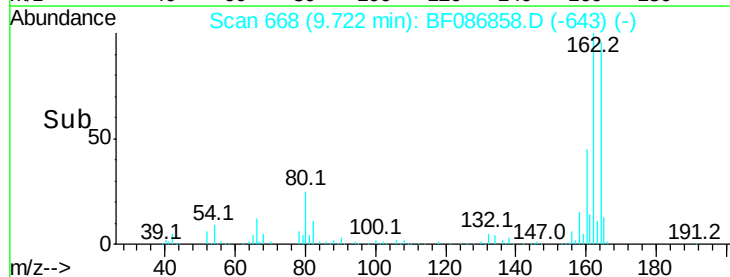
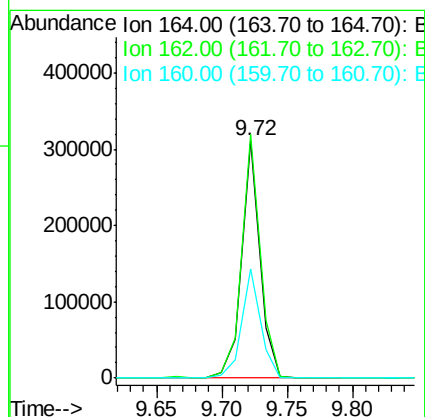
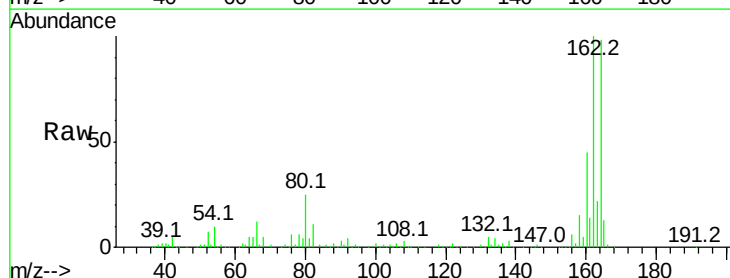
RT: 9.72 min Scan# 668

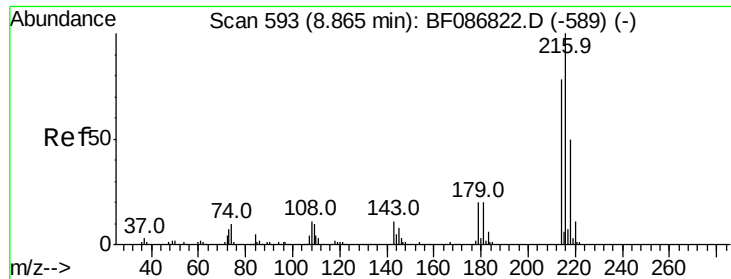
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	164	Resp:	300824
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.8	124.2
160	45.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.74 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

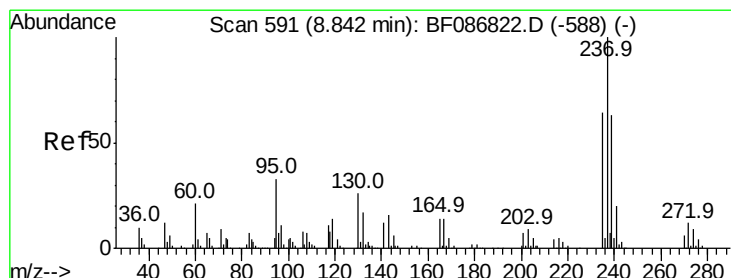
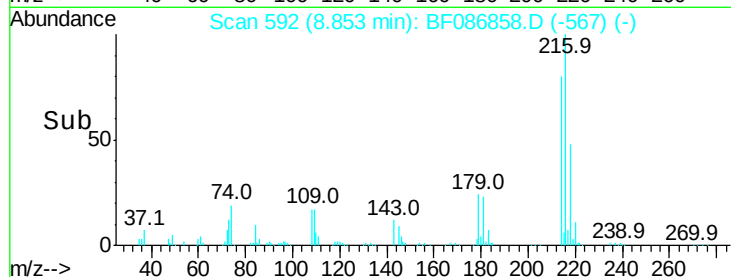
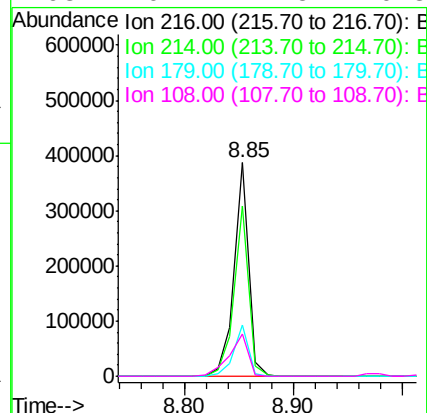
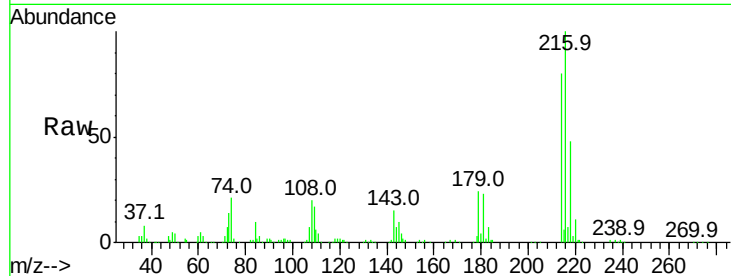
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	62.6	93.8	
179	23.8	18.2	27.4	
108	26.7	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 96.22 ng

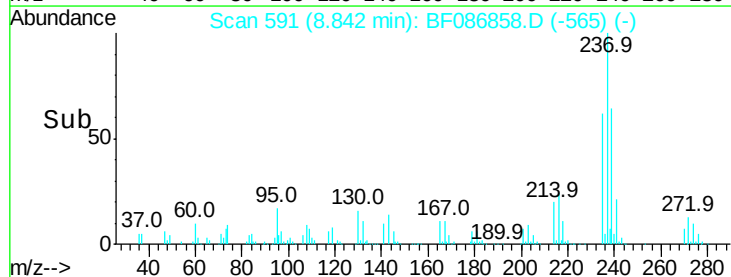
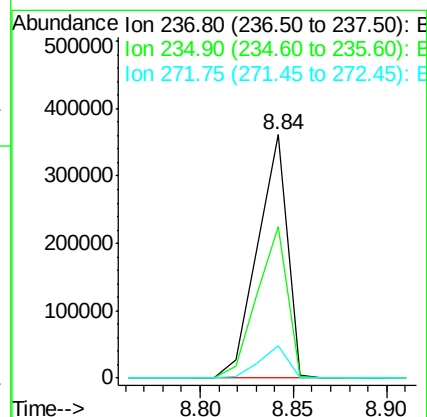
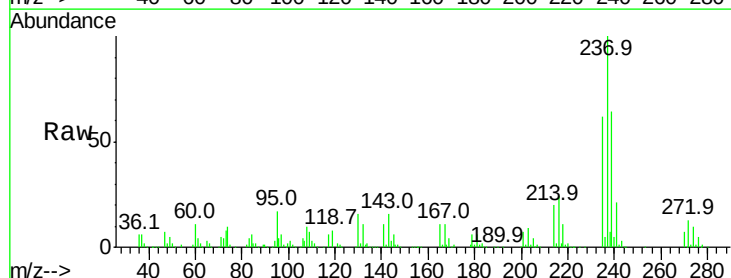
RT: 8.84 min Scan# 591

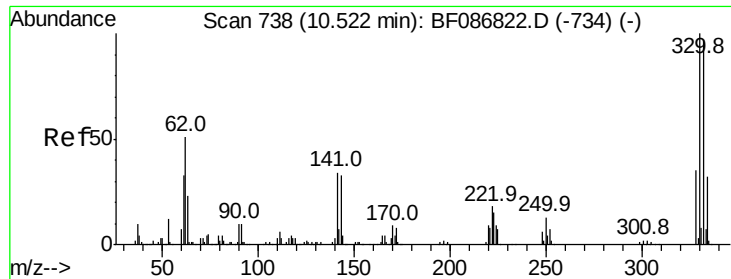
Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	47.2	87.2	
272	13.2	0.0	31.1	





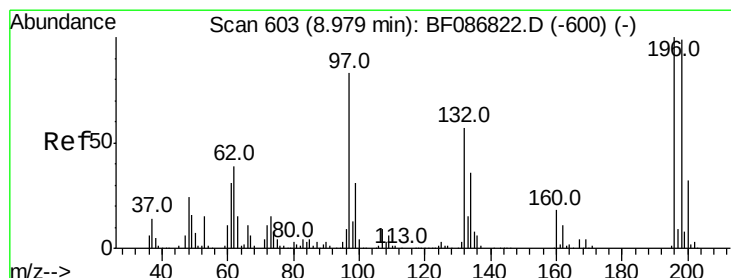
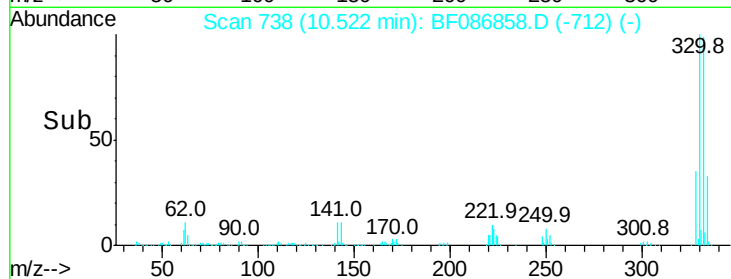
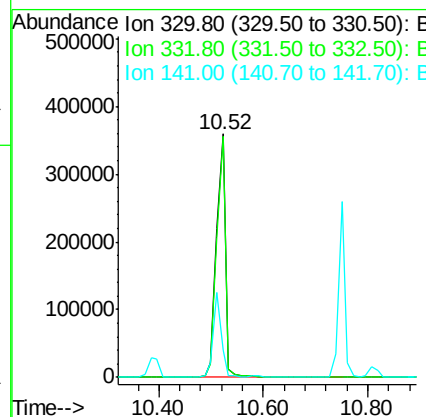
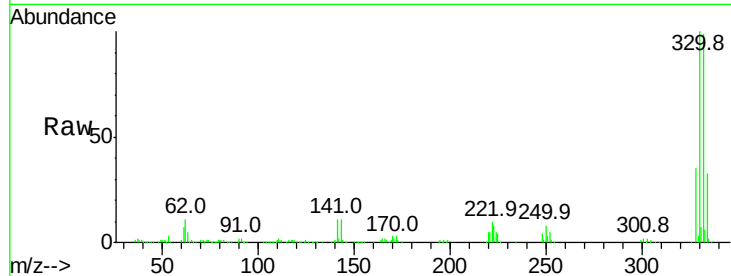
#41
 2,4,6-Tribromophenol
 Concen: 136.99 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	79.0	118.4	
141	30.8	31.2	46.8	

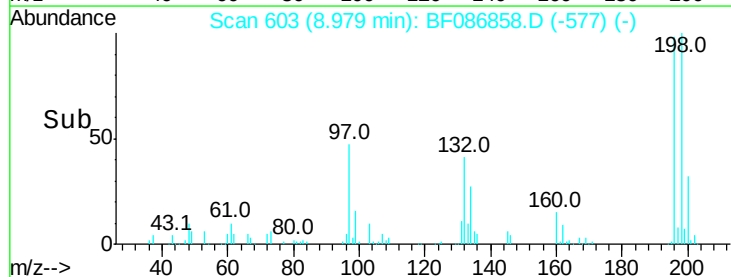
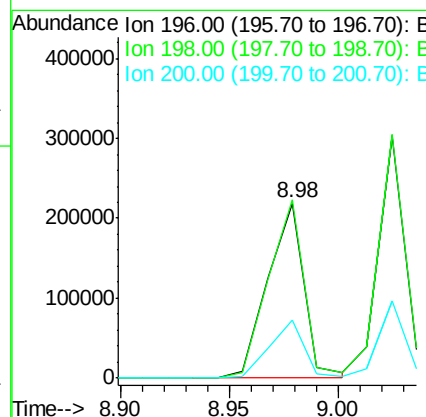
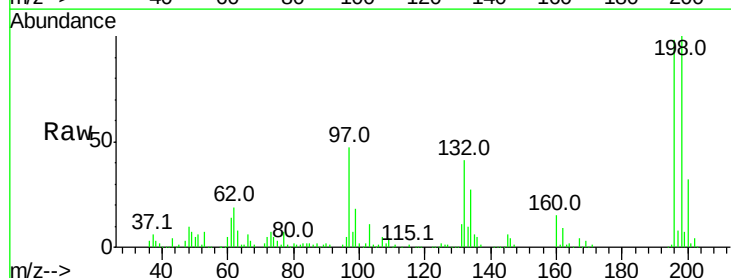
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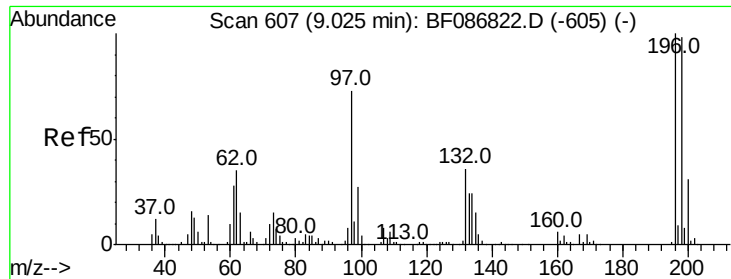
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#42
 2,4,6-Trichlorophenol
 Concen: 43.61 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.0	74.7	112.1	
200	33.1	23.8	35.6	





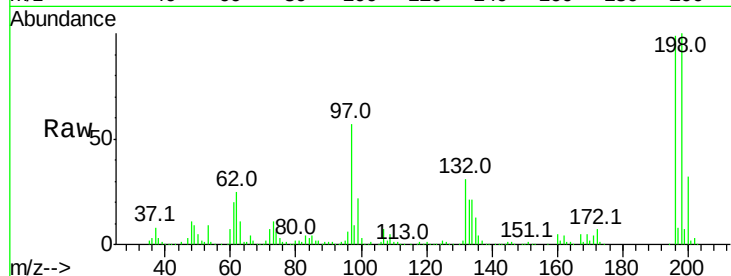
#43
 2,4,5-Trichlorophenol
 Concen: 44.52 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

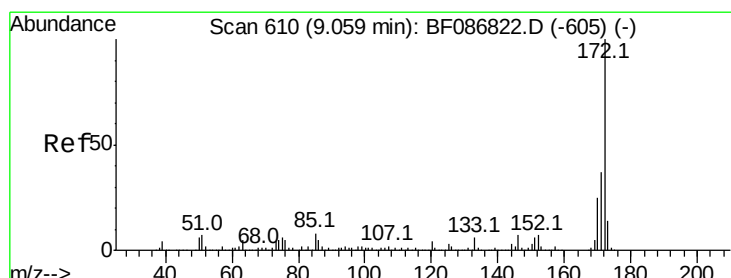
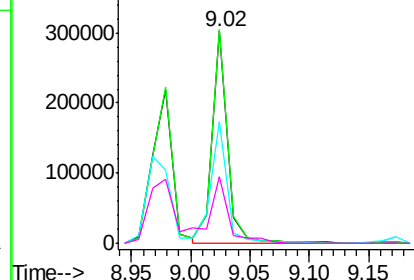
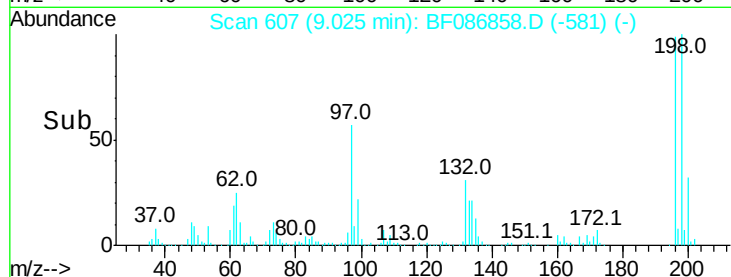
Tot Ion	196	Resp	269286
Ion Ratio	Lower	Upper	
196	100		
198	100.7	77.5	116.3
97	57.4	34.8	52.2#
132	31.2	23.0	34.4

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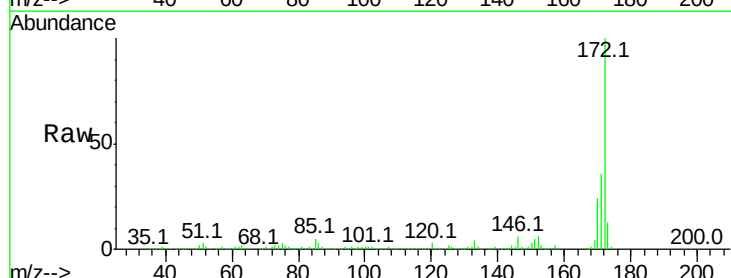


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

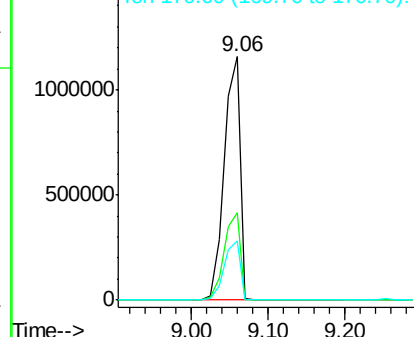
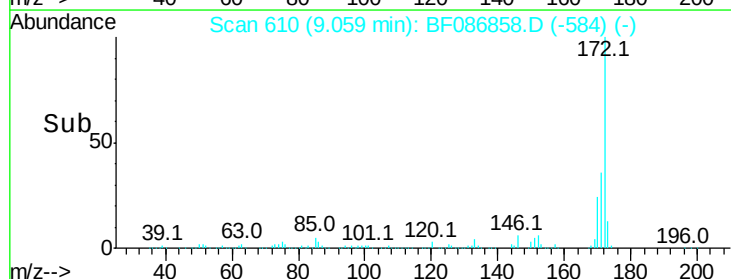


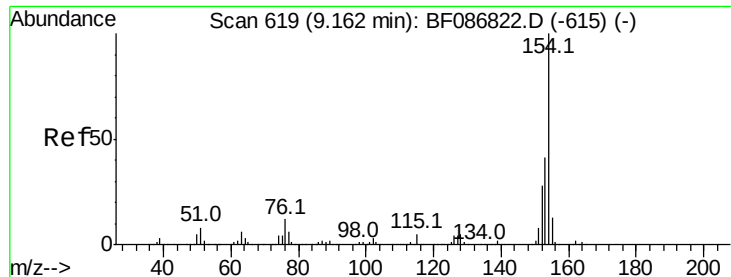
#44
 2-Fluorobiphenyl
 Concen: 94.17 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	172	Resp	1685629
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	24.1	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.32 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

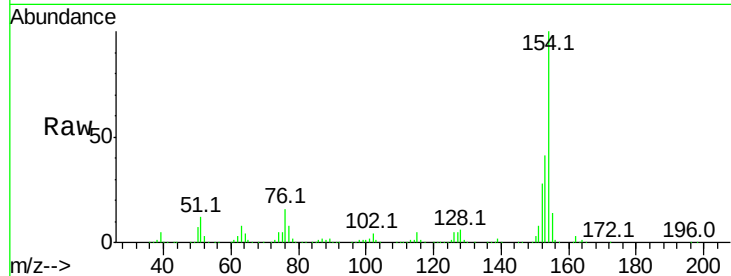
ClientSampleId :

PB90408BS

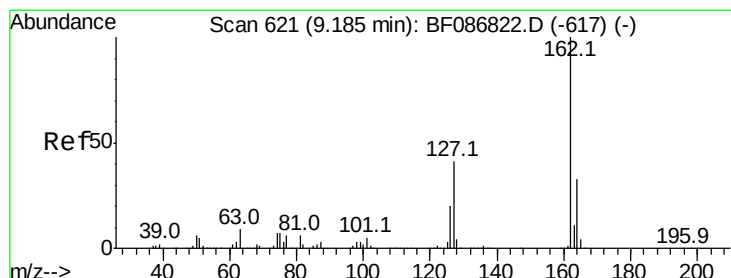
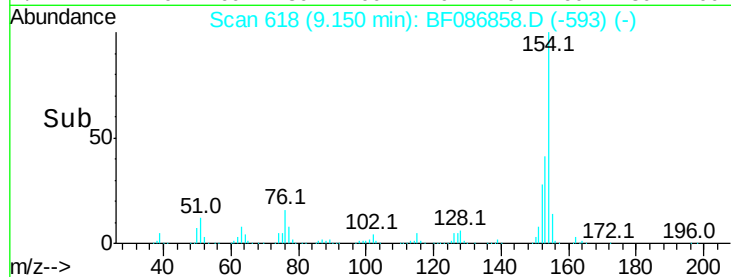
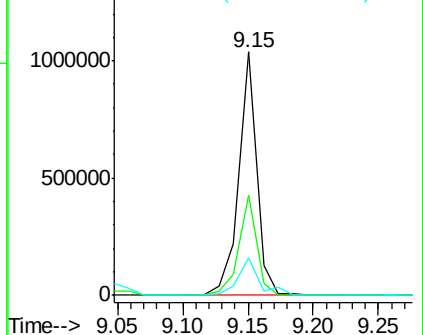
Tot Ion:	154	Resp:	988655
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.3	60.3
76	15.6	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 40.81 ng

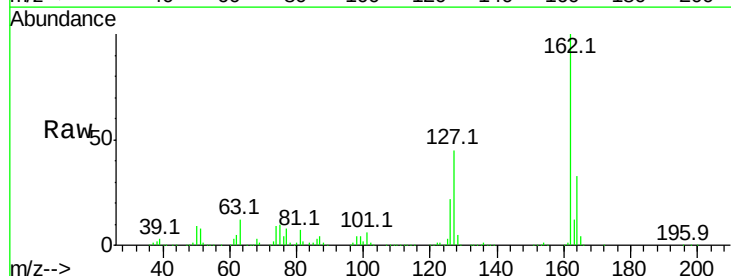
RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

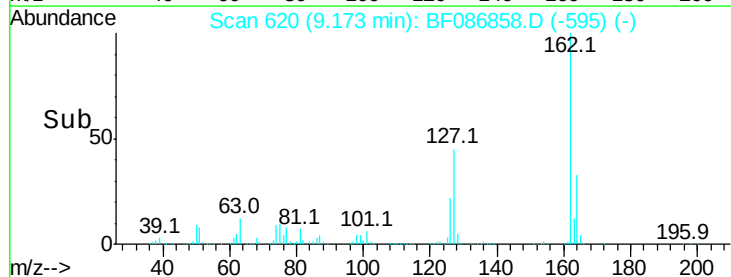
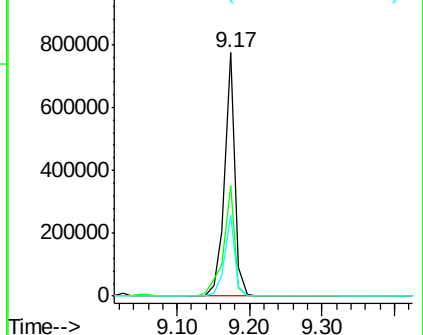
Lab File: BF086858.D

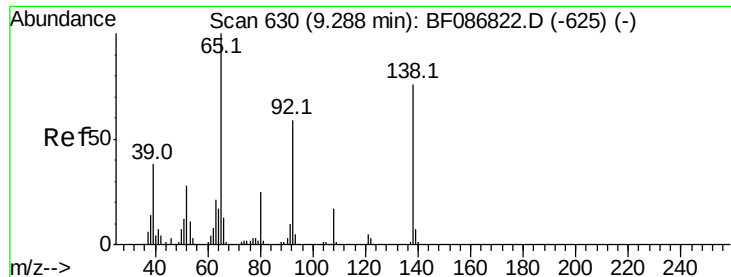
Acq: 10 May 2016 14:25

Tgt Ion:	162	Resp:	765008
Ion Ratio	Lower	Upper	
162	100		
127	45.4	31.8	47.6
164	33.3	27.0	40.6



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





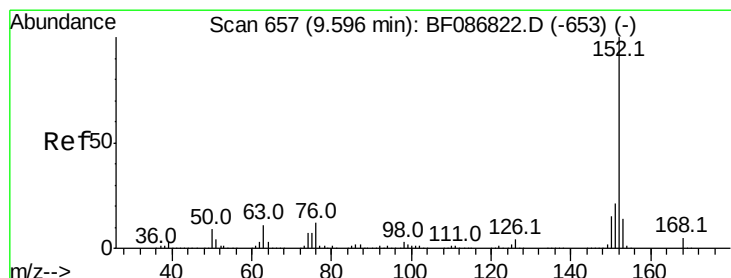
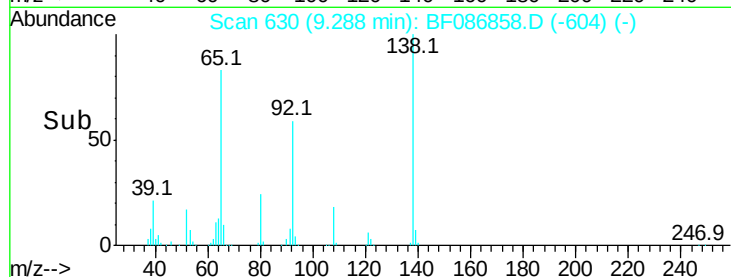
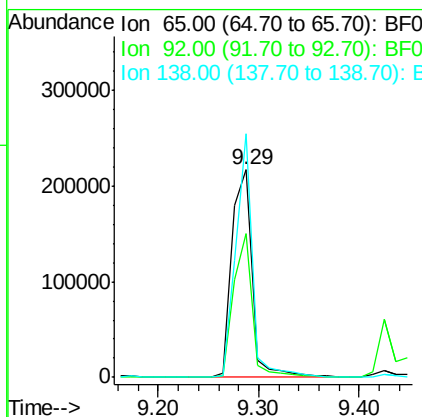
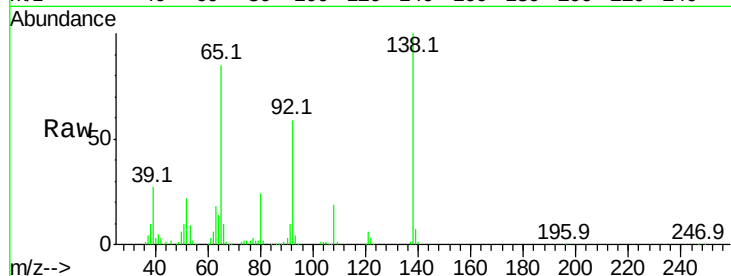
#47
2-Nitroaniline
Concen: 44.82 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	57.4	86.2
138	117.4	90.1	135.1

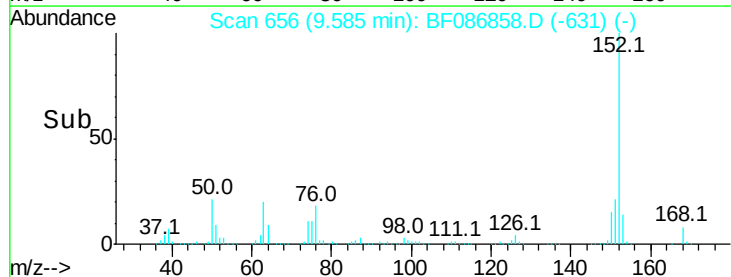
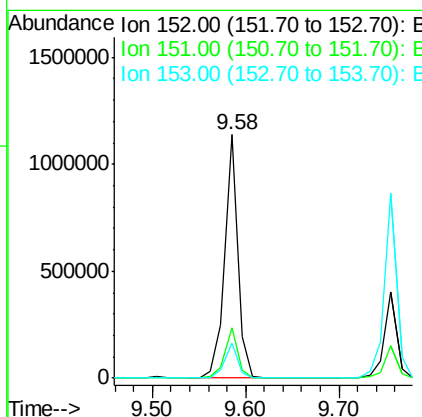
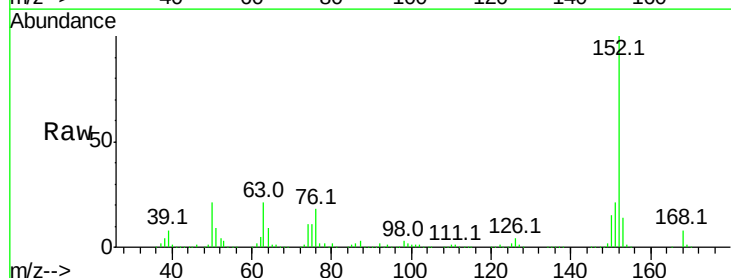
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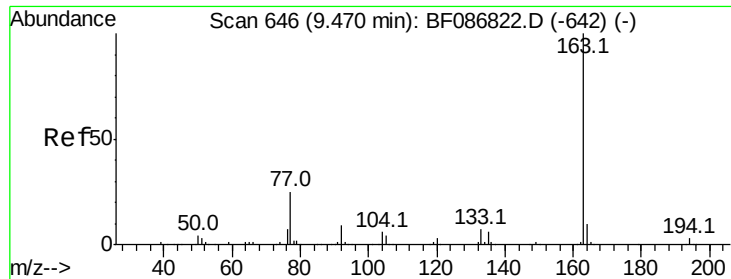
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#48
Acenaphthylene
Concen: 40.48 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.5	10.9	16.3





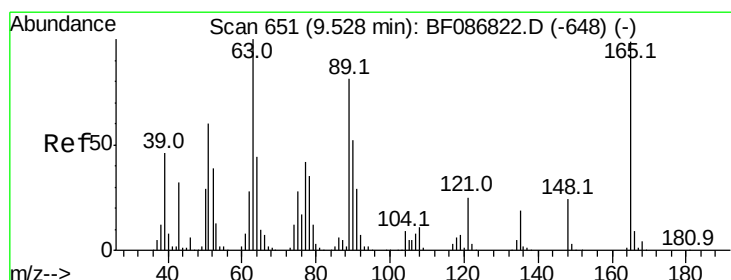
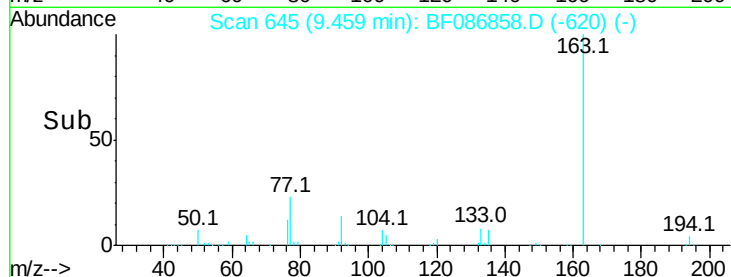
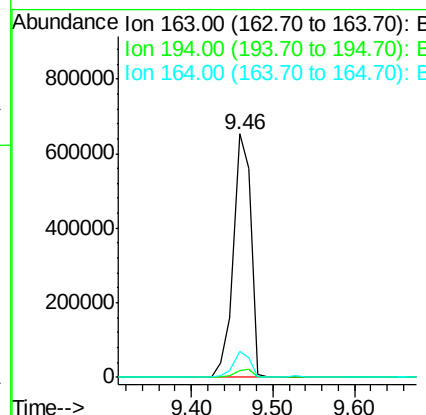
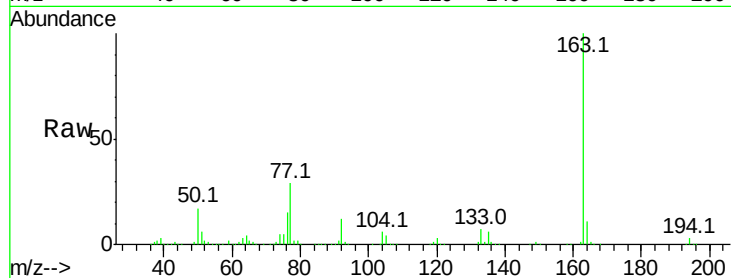
#49
Dimethylphthalate
Concen: 42.58 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	977205		
194	3.0		2.6	4.0
164	10.7		8.2	12.4

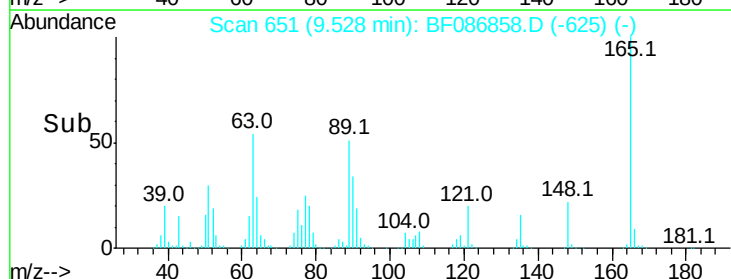
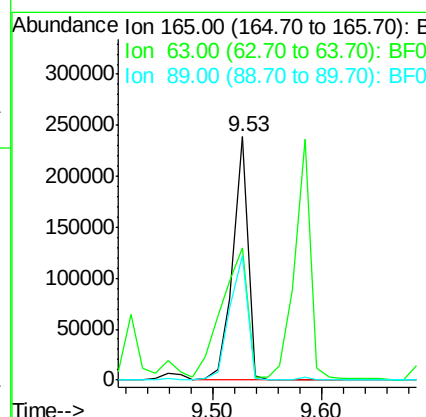
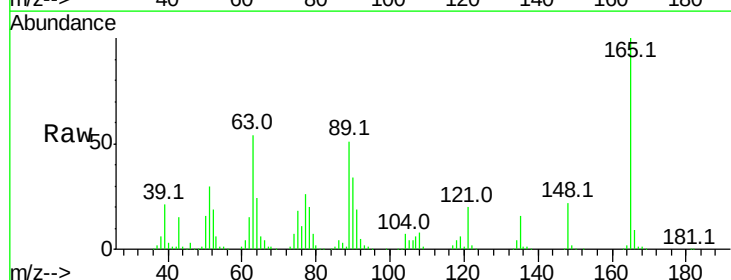
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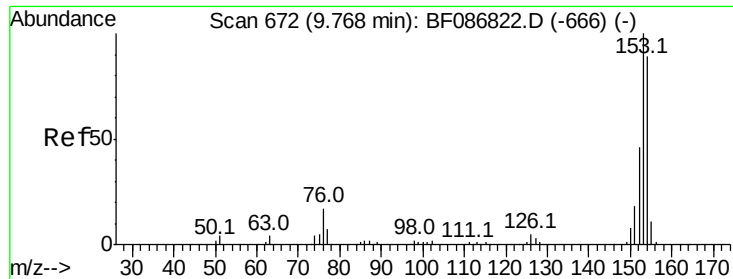
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#50
2,6-Dinitrotoluene
Concen: 47.94 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231574		
63	54.3		51.8	77.8
89	51.3		50.7	76.1





#51

Acenaphthene

Concen: 41.51 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

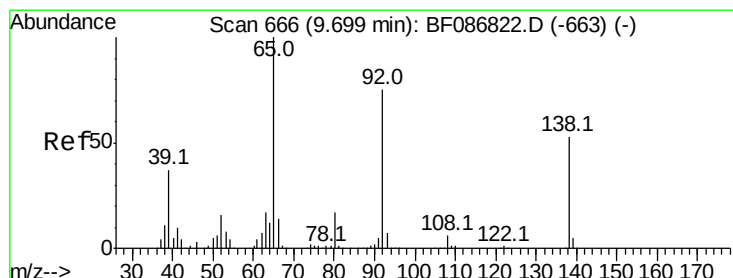
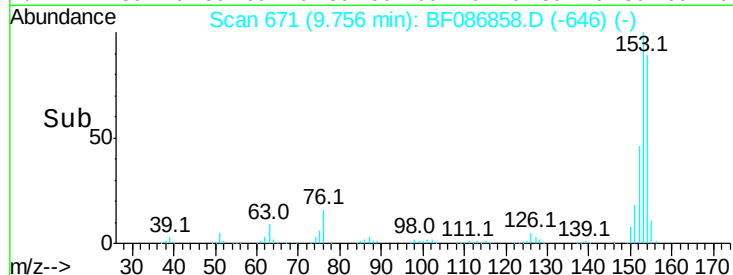
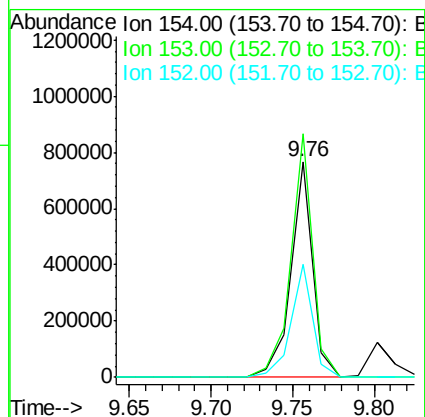
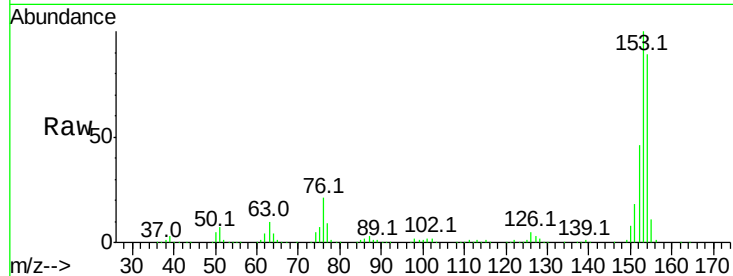
ClientSampled :

PB90408BS

Tot Ion:	154	Resp:	711946
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.8	134.6
152	52.2	43.4	65.0

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#52

3-Nitroaniline

Concen: 26.24 ng

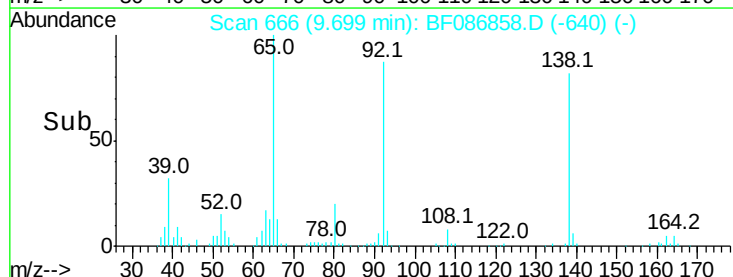
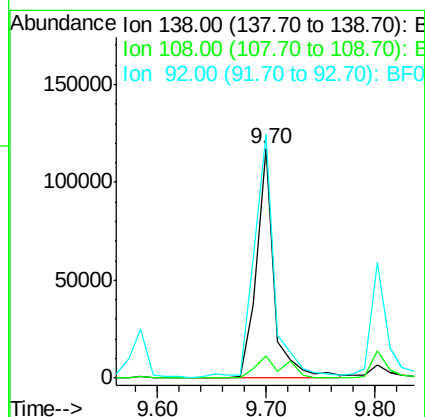
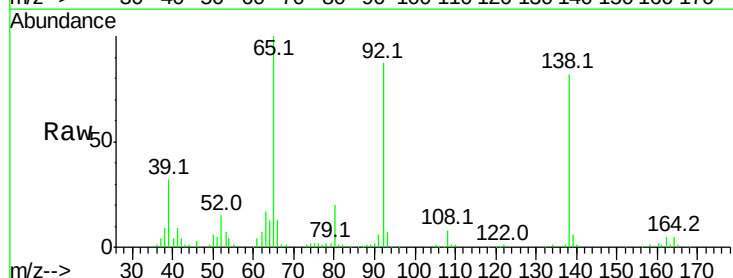
RT: 9.70 min Scan# 666

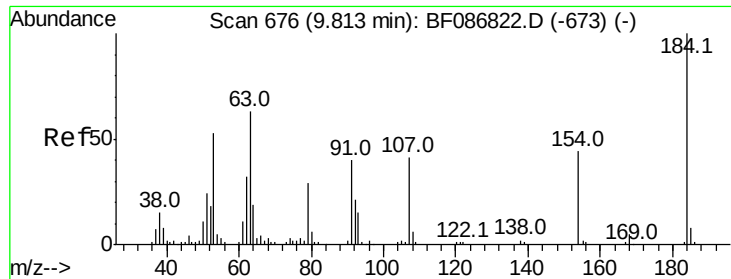
Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	138	Resp:	133421
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	106.2	87.8	131.8





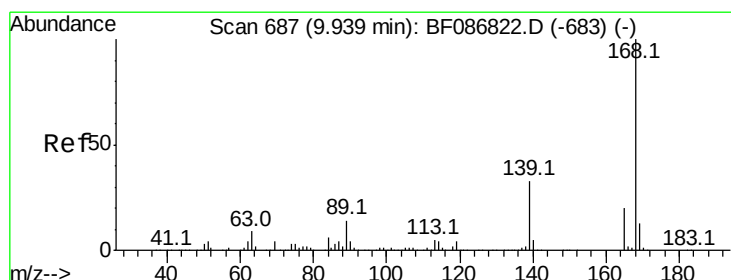
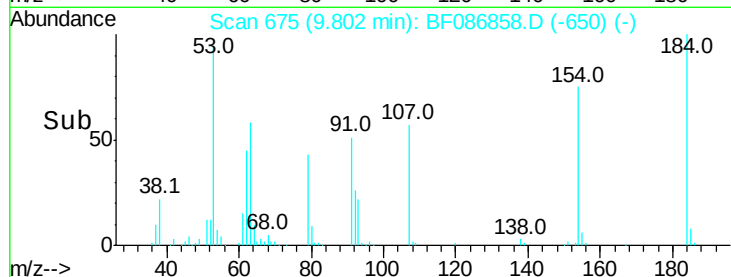
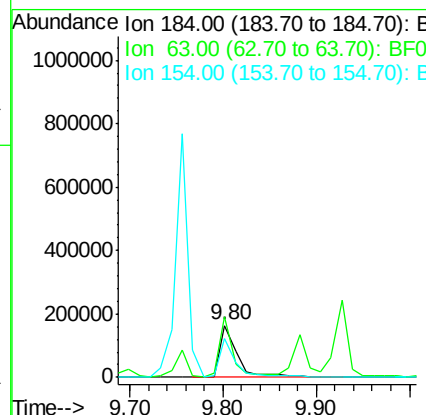
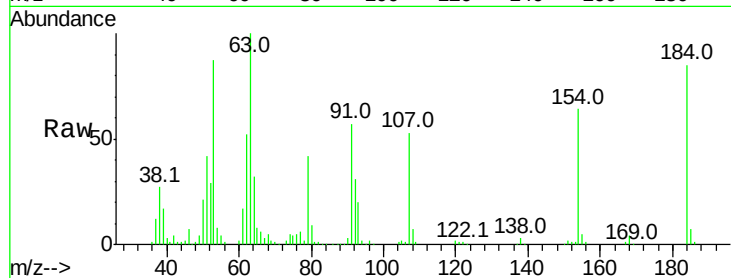
#53
 2,4-Dinitrophenol
 Concen: 84.78 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	210526		
63	117.2	55.8	83.8#	
154	75.2	62.4	93.6	

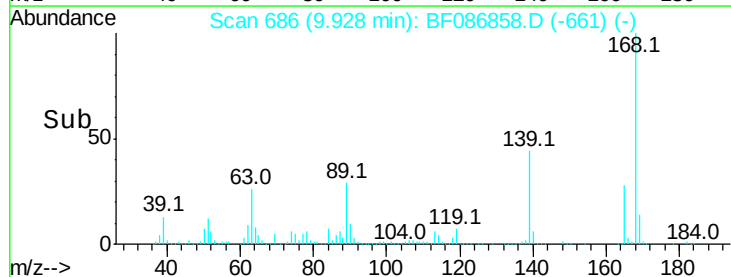
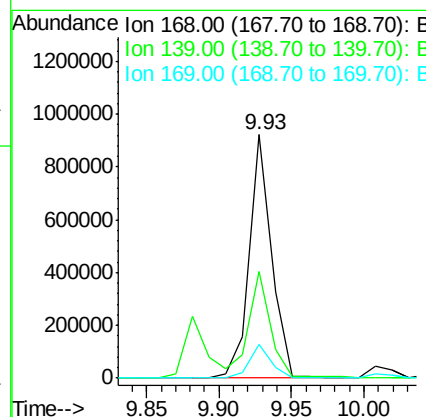
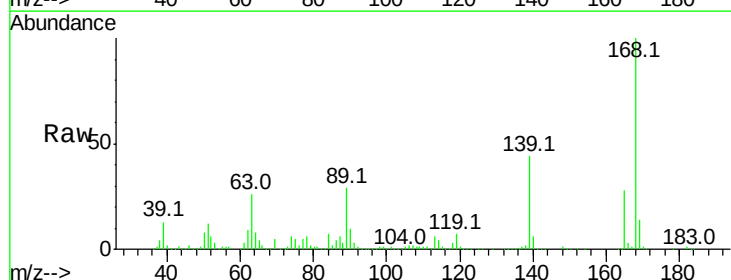
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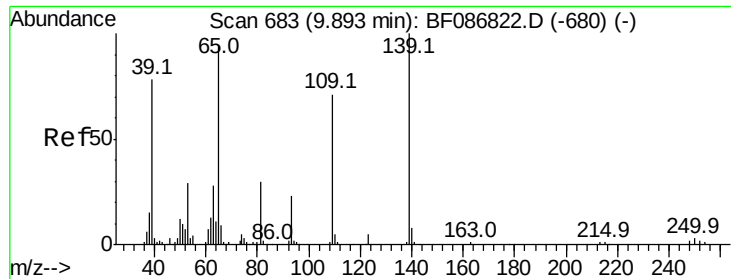
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#54
 Dibenzofuran
 Concen: 44.83 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	987094		
139	43.9	31.4	47.0	
169	13.7	10.7	16.1	





#55

4-Nitrophenol

Concen: 74.32 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

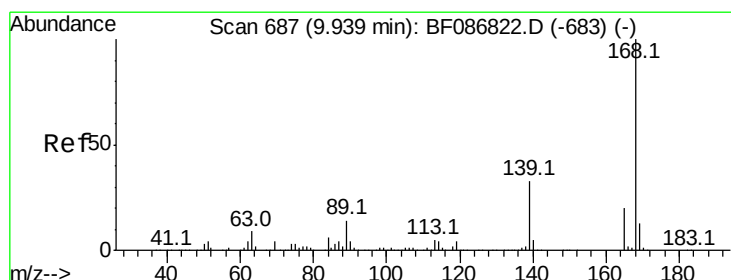
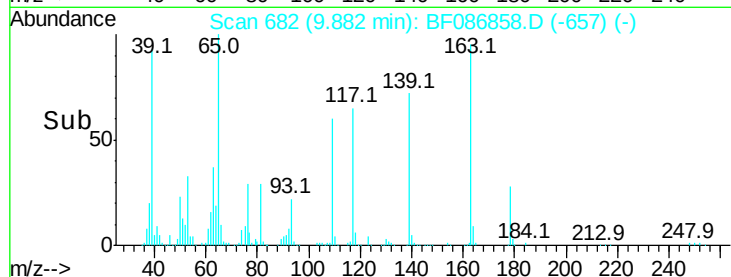
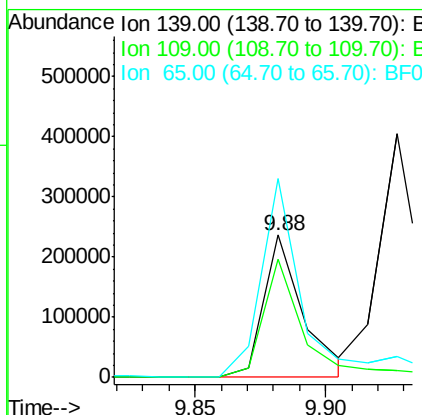
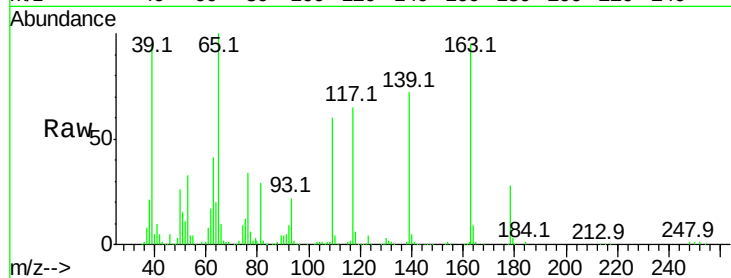
ClientSampleId :

PB90408BS

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Tot Ion:139	Resp:	250803
Ion Ratio	Lower	Upper
139 100		
109 83.4	36.9	76.9#
65 139.8	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 40.57 ng

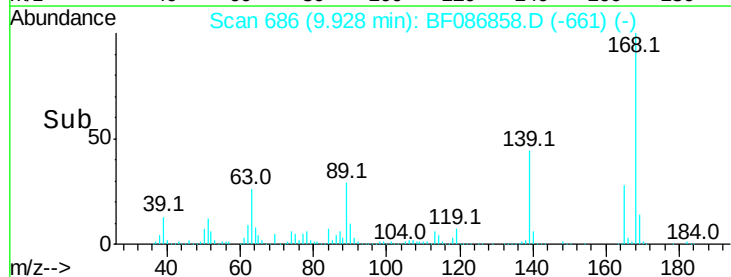
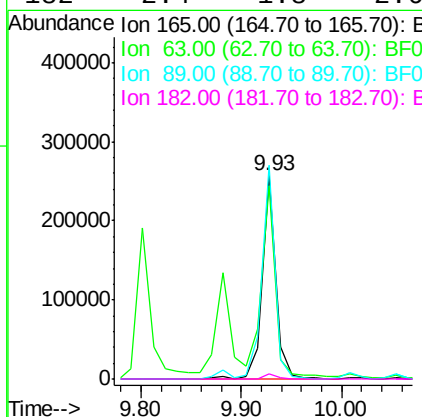
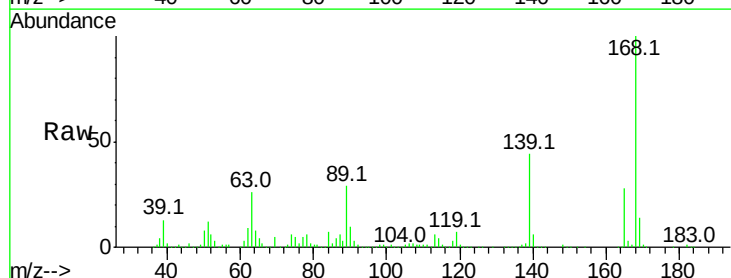
RT: 9.93 min Scan# 686

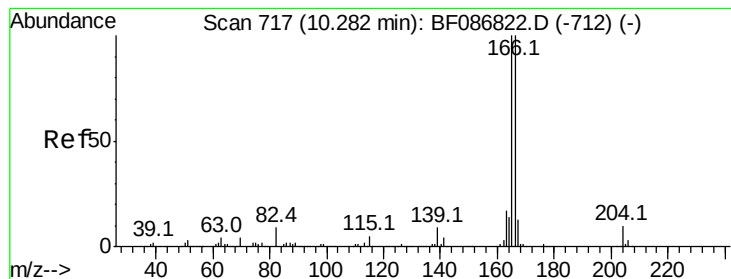
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:165	Resp:	242477
Ion Ratio	Lower	Upper
165 100		
63 94.8	44.3	66.5#
89 105.0	70.0	105.0
182 2.4	1.8	2.6





#57

Fluorene

Concen: 41.06 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

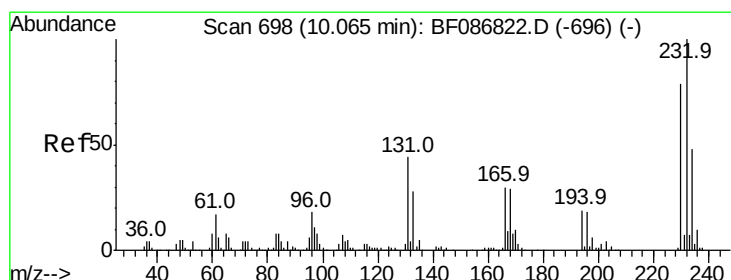
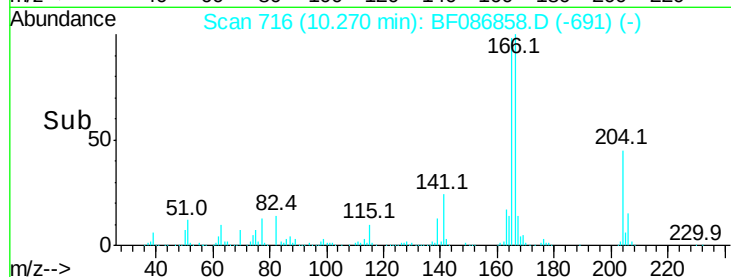
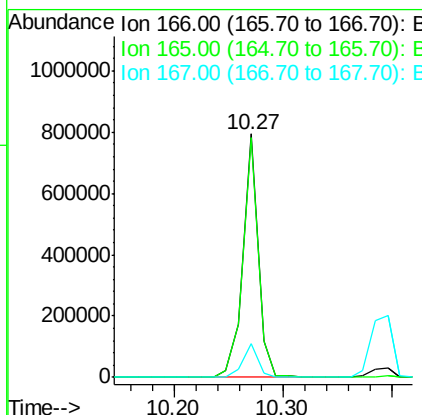
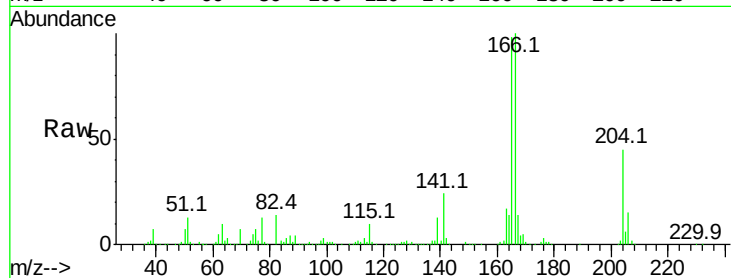
ClientSampleId :

PB90408BS

Tot Ion:	166	Resp:	771031
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.0	118.6
167	13.6	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.74 ng

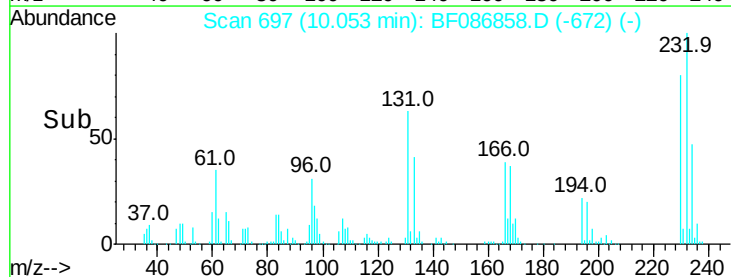
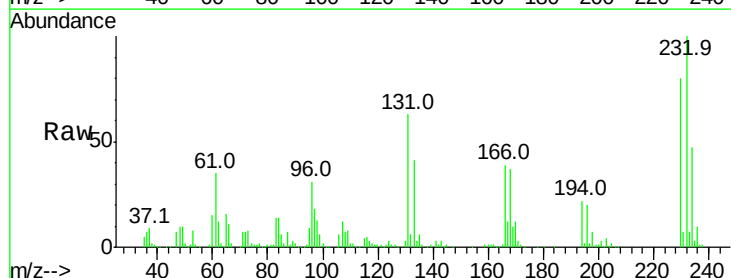
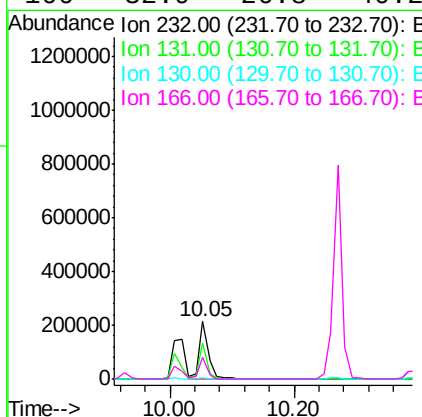
RT: 10.05 min Scan# 697

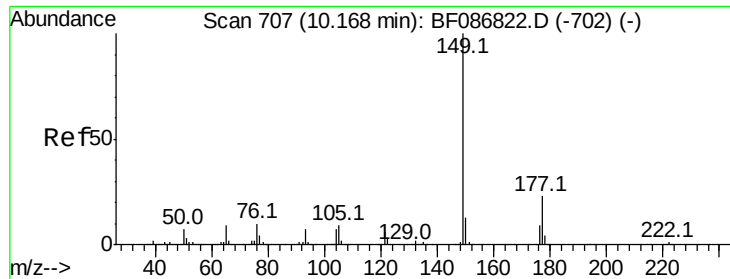
Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	232	Resp:	221935
Ion Ratio	Lower	Upper	
232	100		
131	54.9	41.9	62.9
130	2.9	2.2	3.4
166	32.9	26.8	40.2





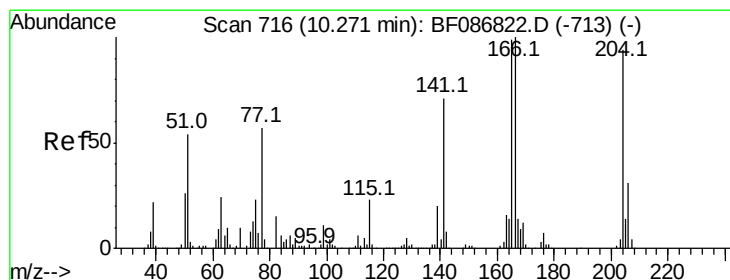
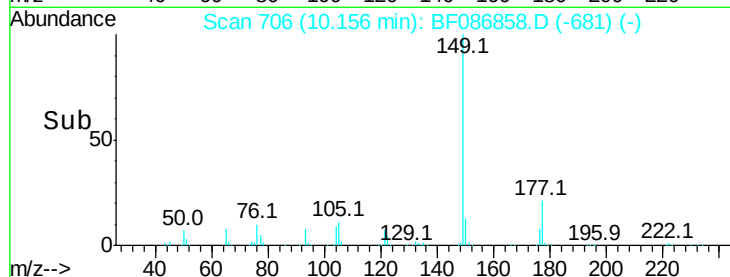
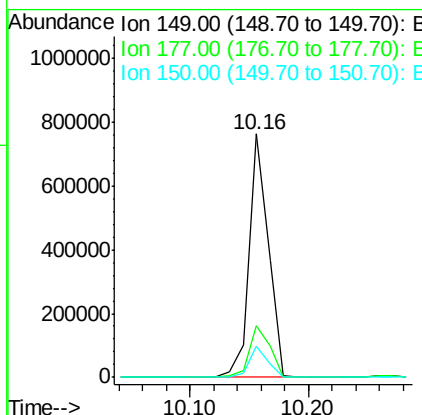
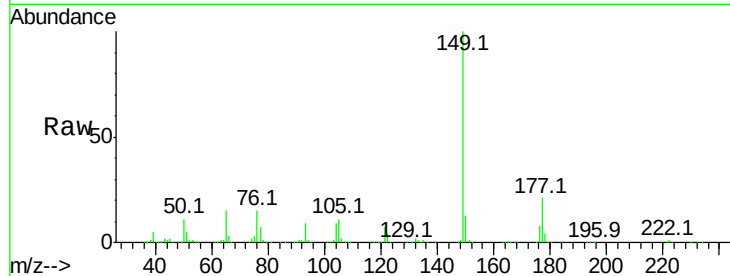
#59
Diethylphthalate
Concen: 38.74 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampled :
PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	866341		
177	21.0	16.6	24.8	
150	12.9	10.0	15.0	

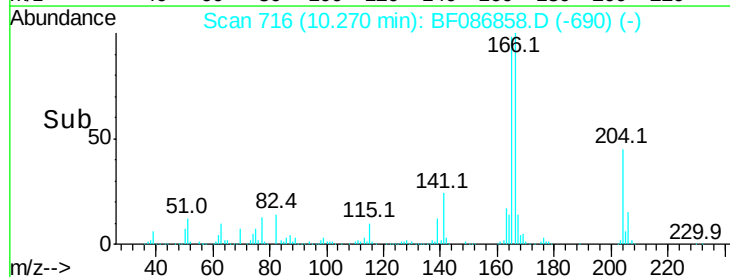
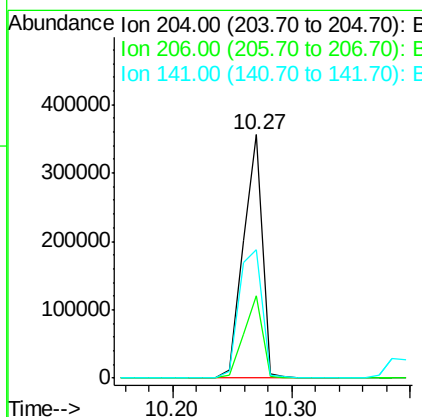
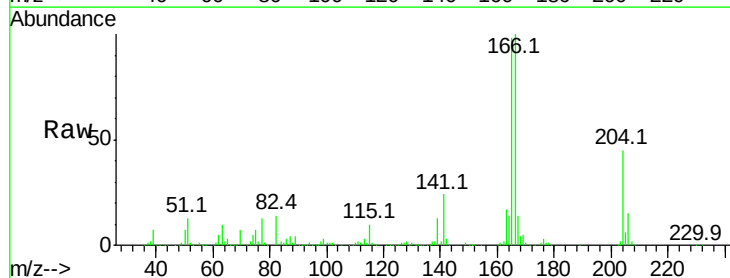
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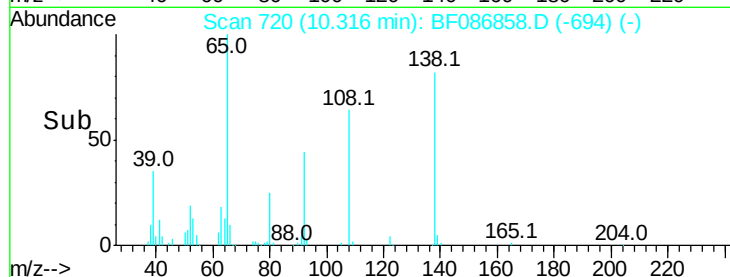
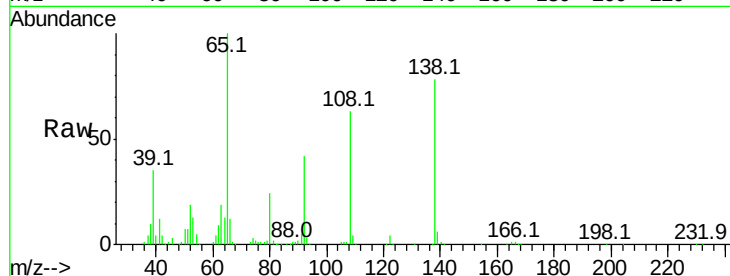
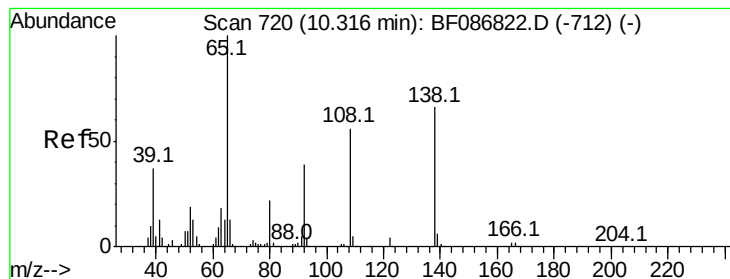
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#60
4-Chlorophenyl-phenylether
Concen: 50.18 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	398395		
206	34.0	25.4	38.0	
141	52.8	61.6	92.4	





#61

4-Nitroaniline

Concen: 46.42 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086858.D

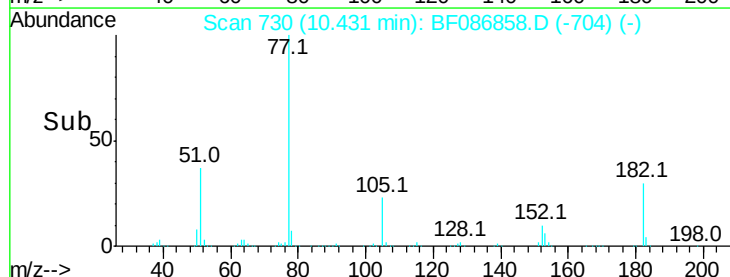
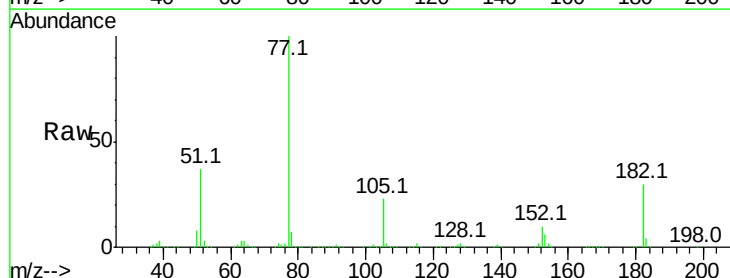
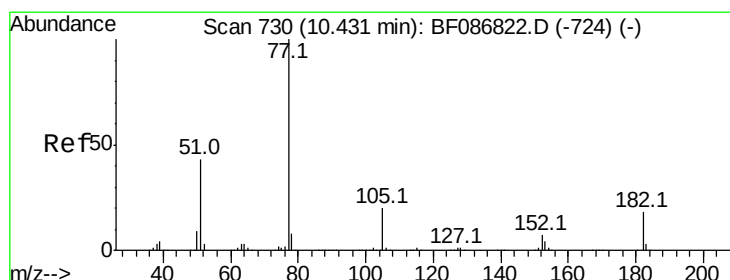
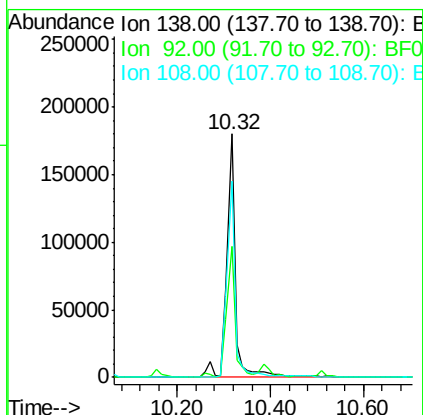
Acq: 10 May 2016 14:25

Tot Ion:	138	Resp:	226707
Ion Ratio	Lower	Upper	
138	100		
92	53.9	24.7	64.7
108	80.9	37.4	77.4#

Instrument :
BNA_F
ClientSampleId :
PB90408BS

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#62

Azobenzene

Concen: 46.37 ng

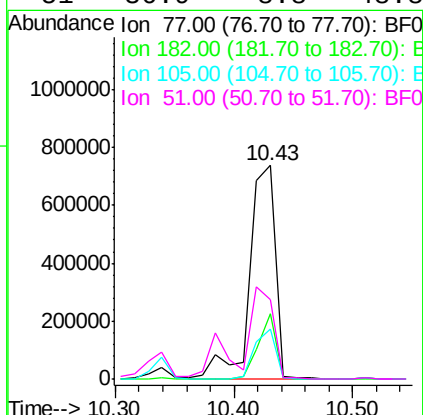
RT: 10.43 min Scan# 730

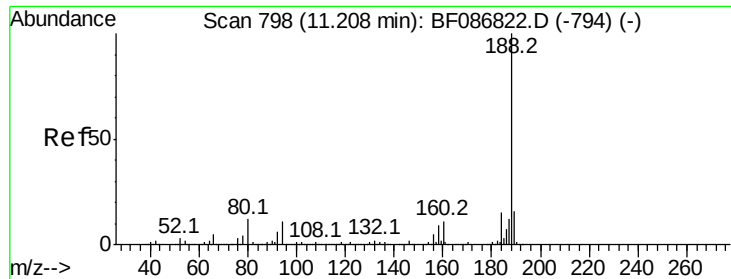
Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:	77	Resp:	1118746
Ion Ratio	Lower	Upper	
77	100		
182	30.4	0.0	38.8
105	23.2	3.2	43.2
51	36.9	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

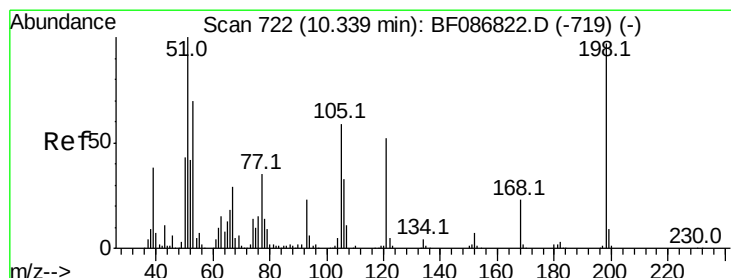
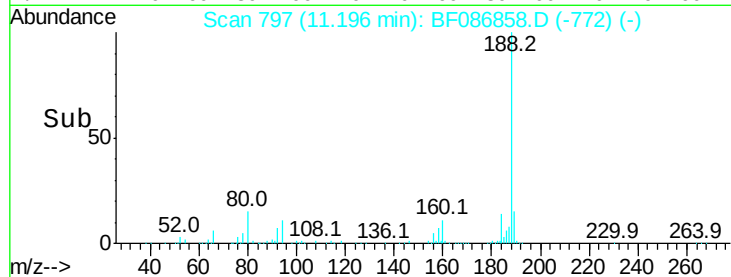
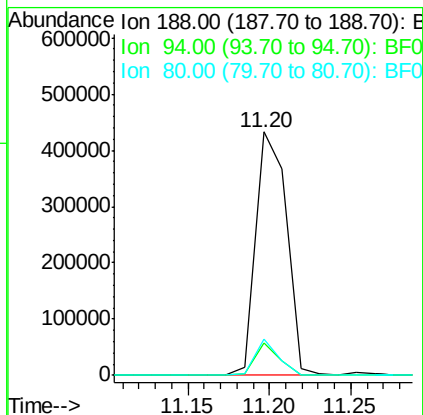
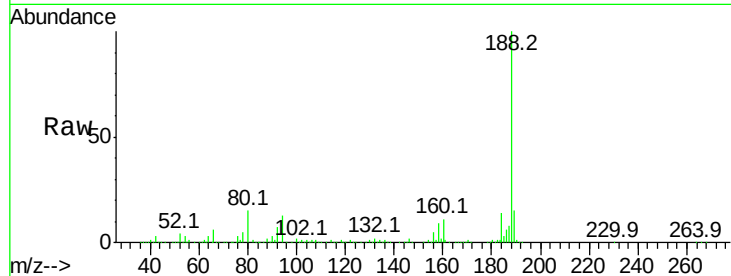
ClientSampleId :

PB90408BS

Tot Ion:188	Resp:	570275
Ion Ratio	Lower	Upper
188 100		
94 13.4	6.8	10.2#
80 15.0	7.1	10.7#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.27 ng

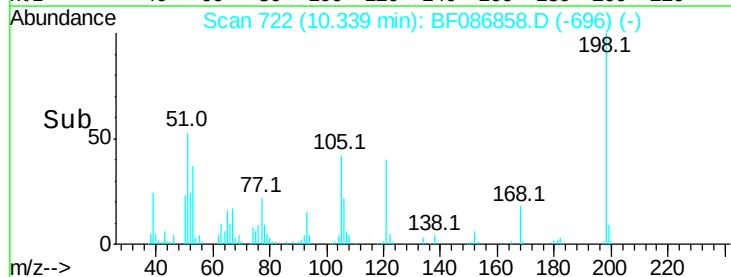
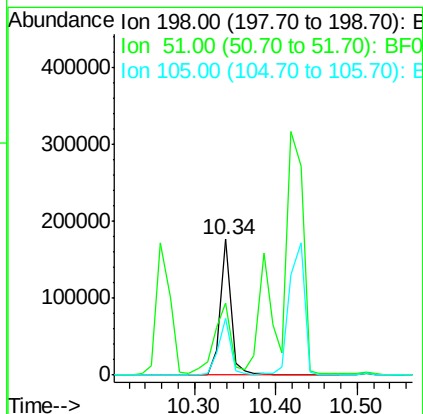
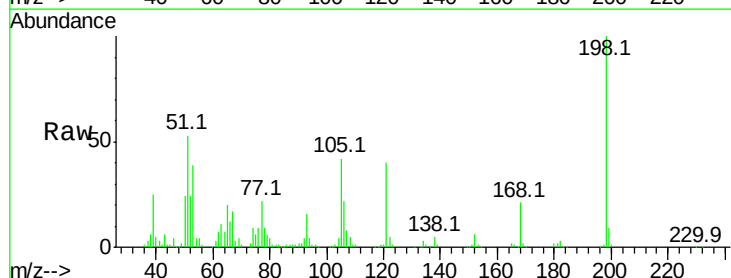
RT: 10.34 min Scan# 722

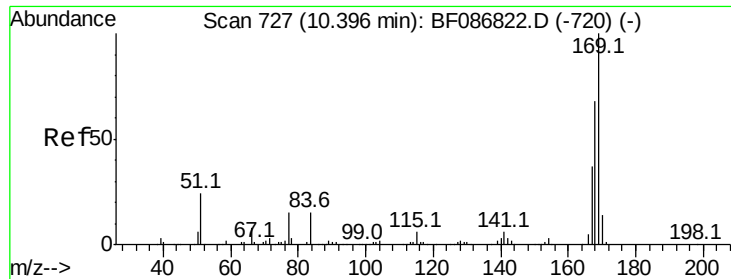
Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:198	Resp:	163926
Ion Ratio	Lower	Upper
198 100		
51 53.4	20.5	60.5
105 41.7	24.5	64.5





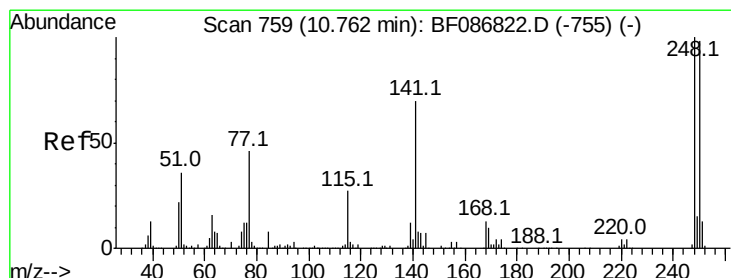
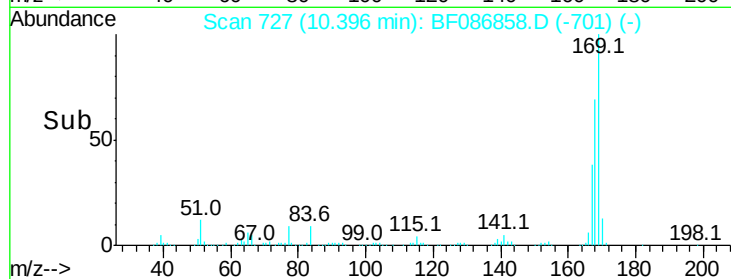
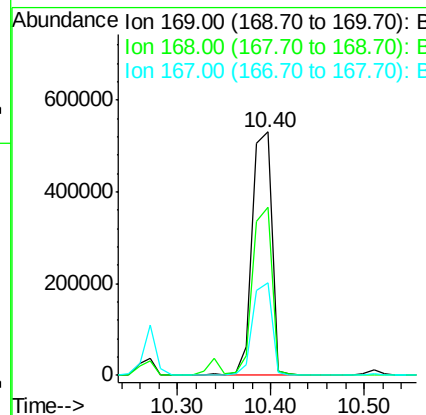
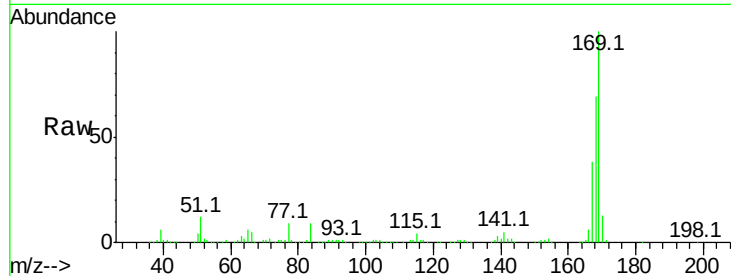
#65
 n-Nitrosodiphenylamine
 Concen: 44.19 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	774166		
168	68.8		53.8	80.6
167	38.0		29.5	44.3

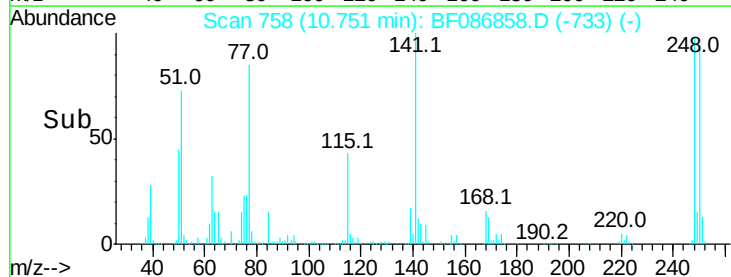
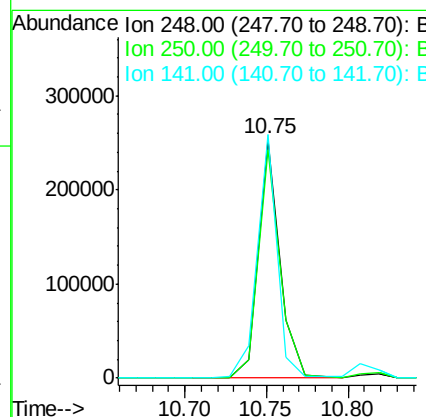
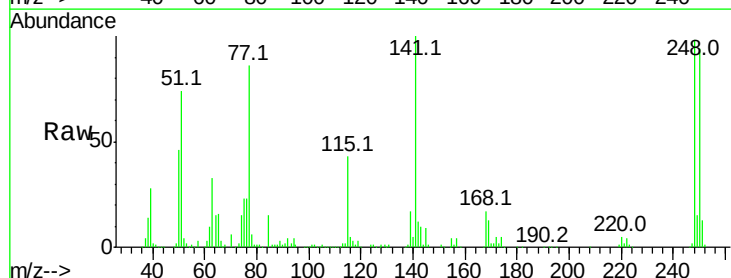
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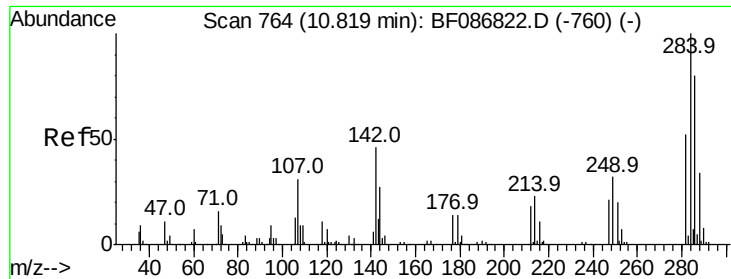
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#66
 4-Bromophenyl-phenylether
 Concen: 40.57 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234592		
250	95.7		78.6	117.8
141	101.9		76.0	114.0





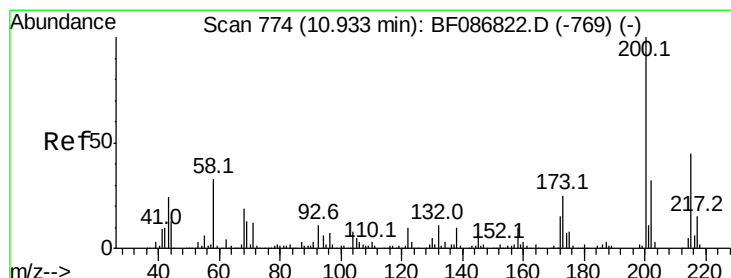
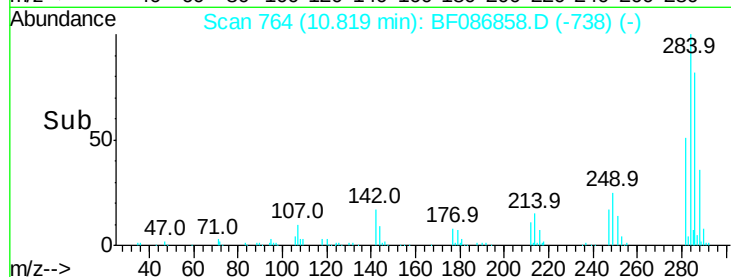
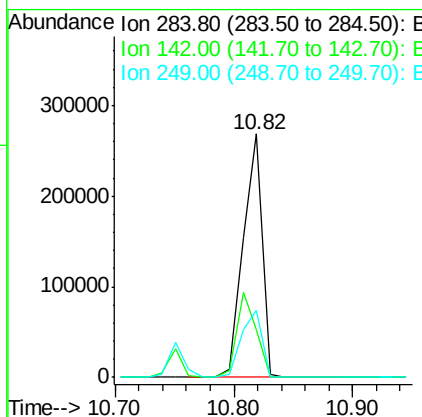
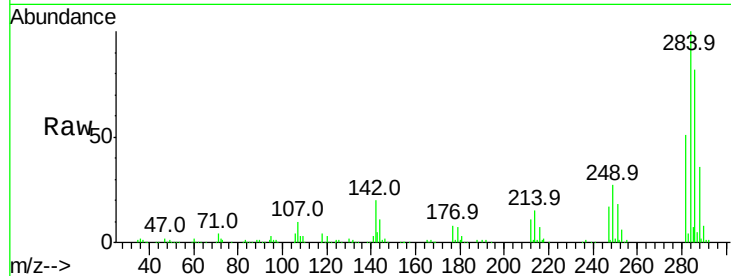
#67
Hexachlorobenzene
Concen: 44.34 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	19.6	16.7	25.1
249	27.3	21.3	31.9

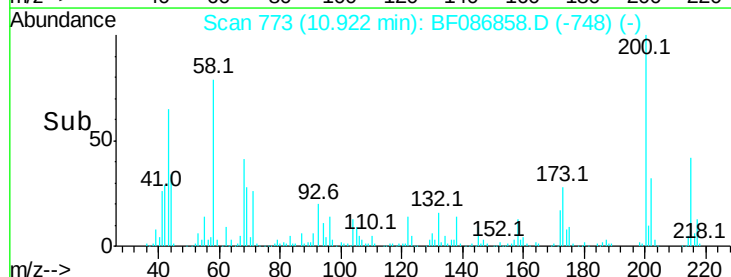
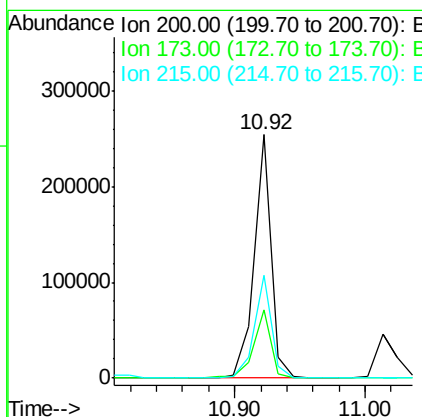
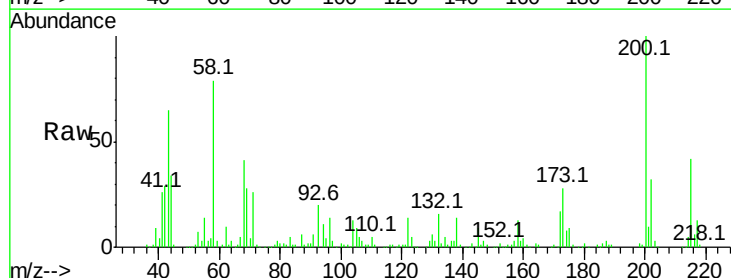
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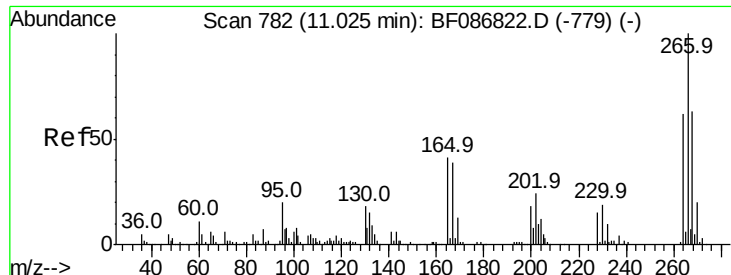
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#68
Atrazine
Concen: 39.48 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.5	48.5
215	42.0	27.2	67.2





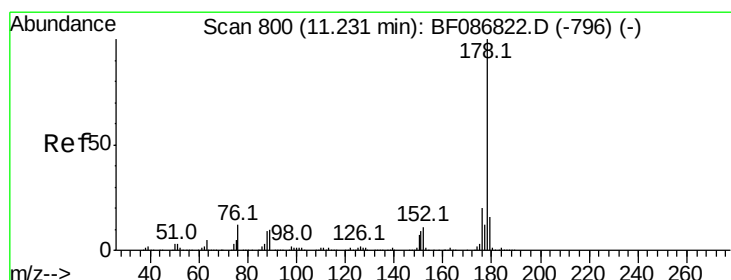
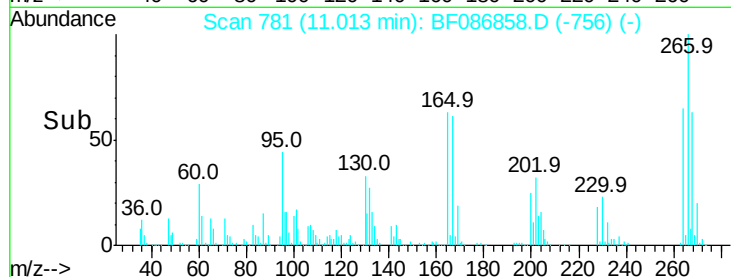
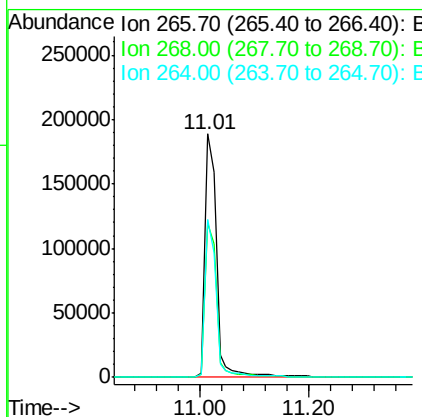
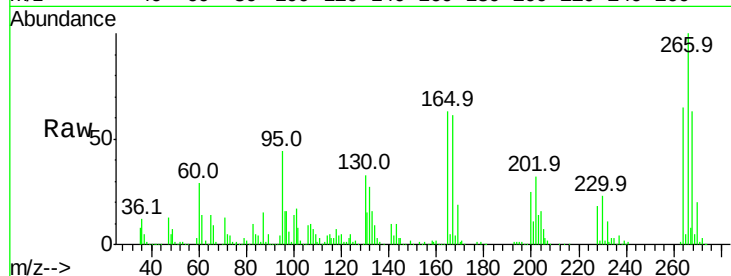
#69
 Pentachlorophenol
 Concen: 90.40 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	282309		
268	63.4		51.5	77.3
264	64.6		52.9	79.3

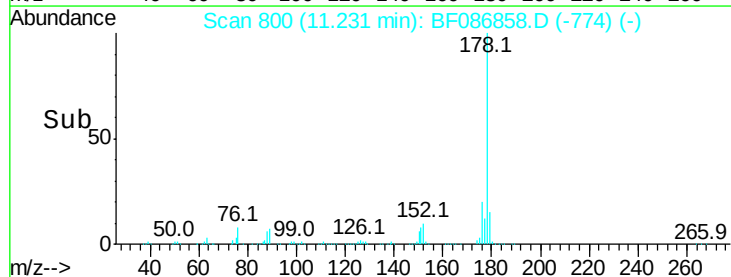
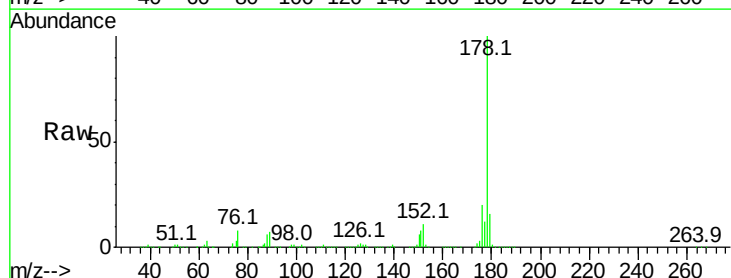
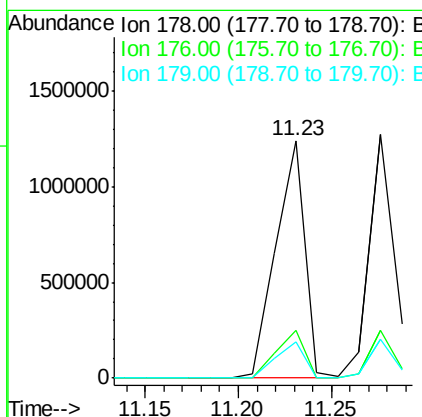
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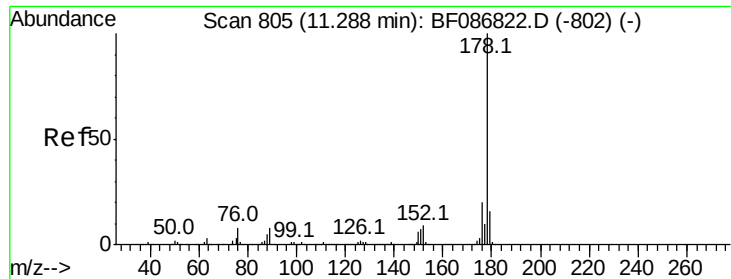
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#70
 Phenanthrene
 Concen: 44.15 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1343736		
176	20.3		16.0	24.0
179	15.5		12.6	18.8





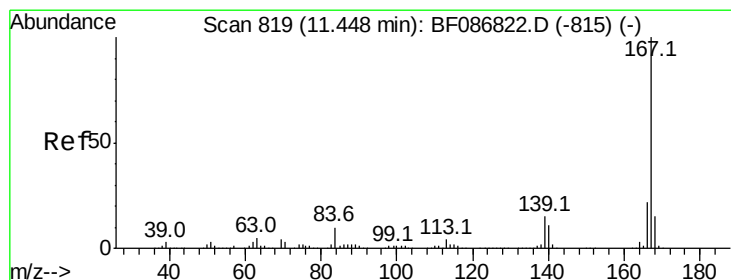
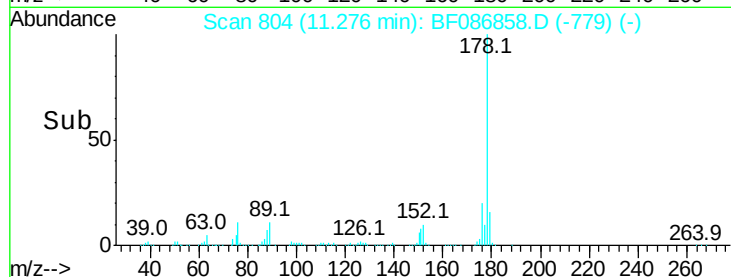
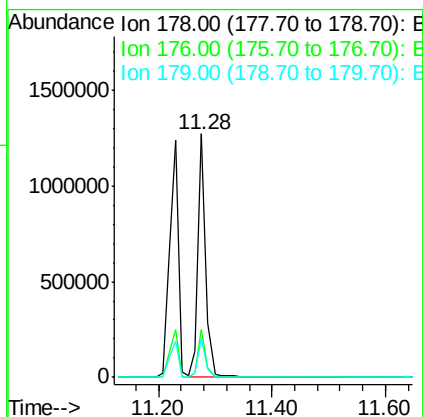
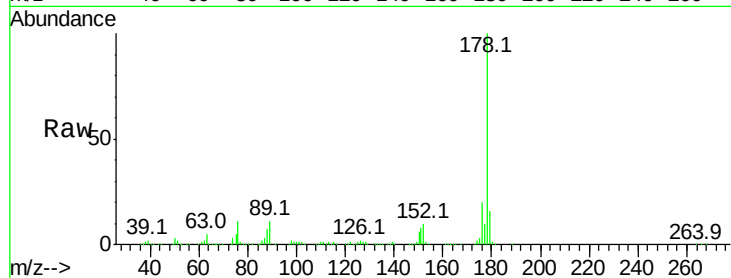
#71
 Anthracene
 Concen: 38.42 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion:178 Resp: 1195945
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.1 12.7 19.1

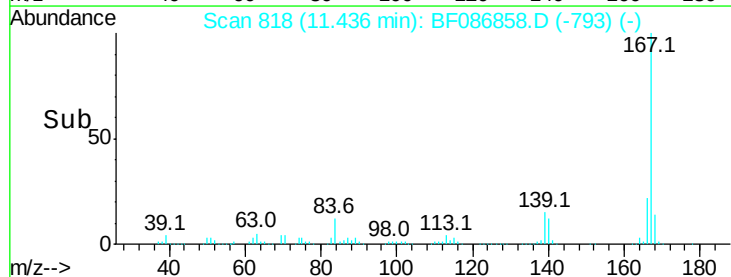
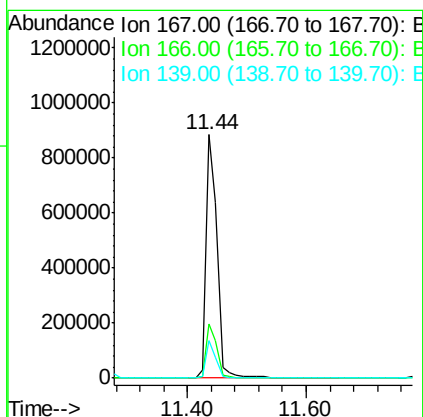
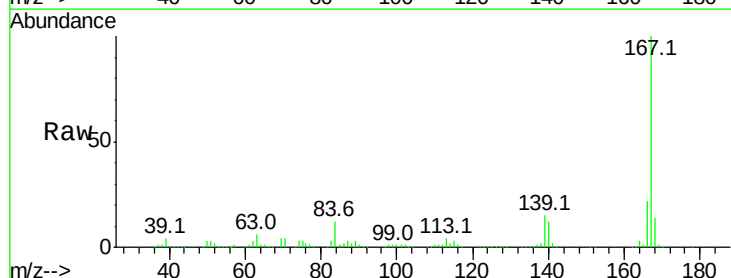
Manual Integrations
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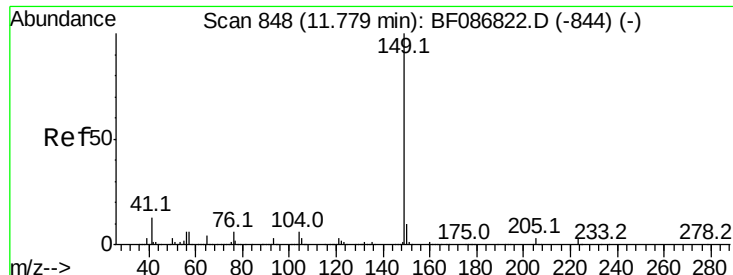
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#72
 Carbazole
 Concen: 42.67 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:167 Resp: 1141607
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 15.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.16 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

Tot Ion:149 Resp: 1410247

Ion Ratio Lower Upper

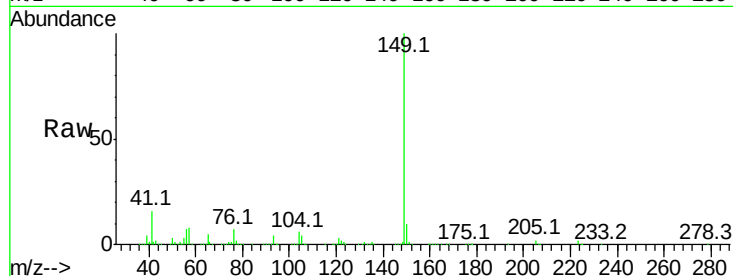
149 100

150 9.8 7.6 11.4

104 6.5 3.8 5.6#

Manual Integrations
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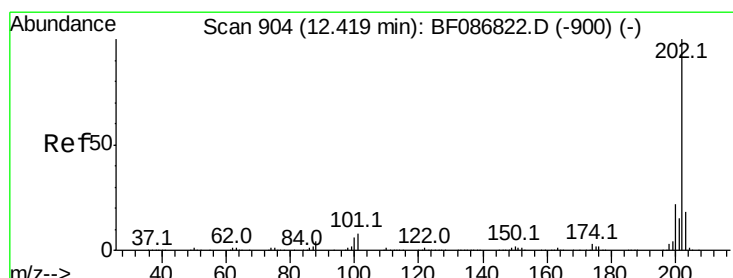
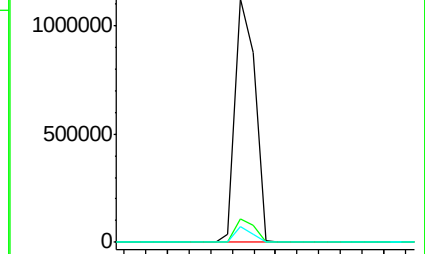
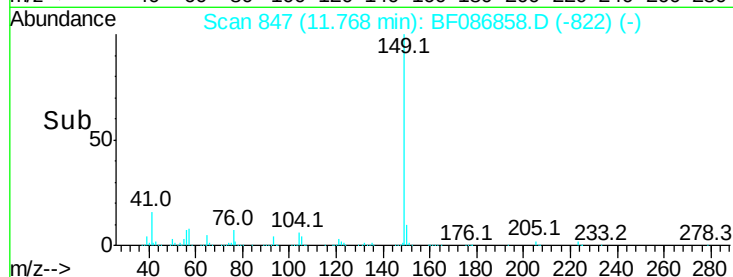
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.01 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

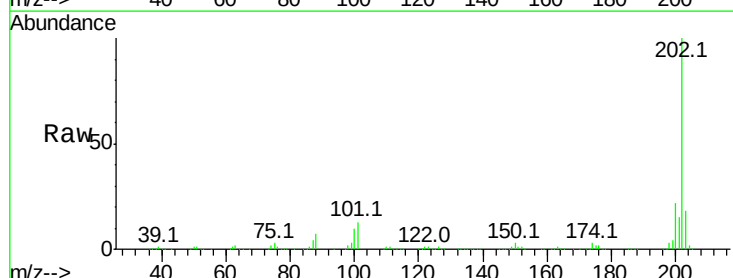
Tgt Ion:202 Resp: 1283566

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

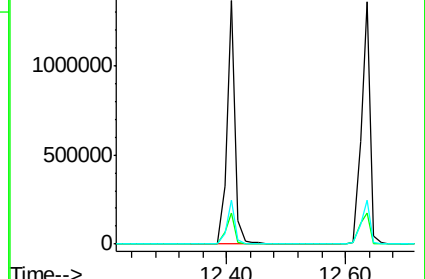
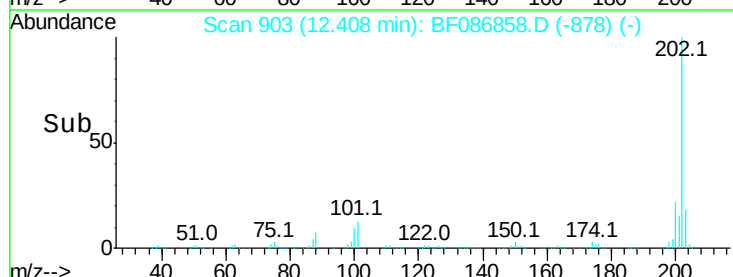
203 18.2 0.0 38.1

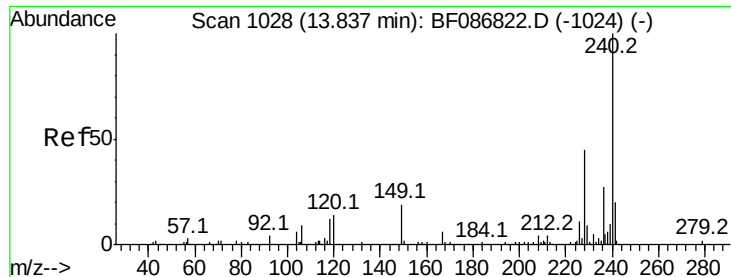


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

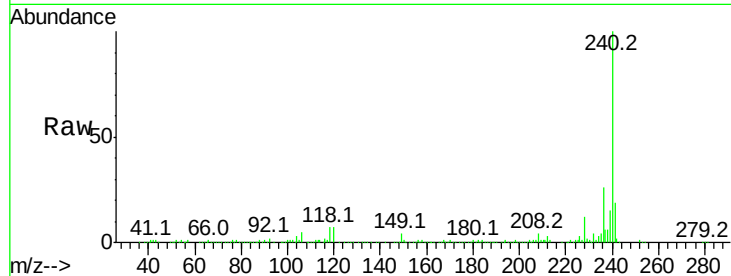
ClientSampleId :

PB90408BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	11.2	16.8#
236	26.4	21.2	31.8

Manual Integrations
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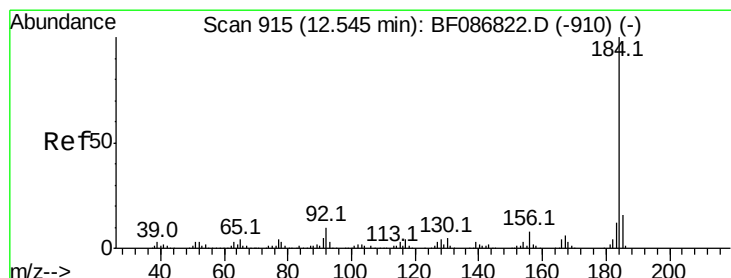
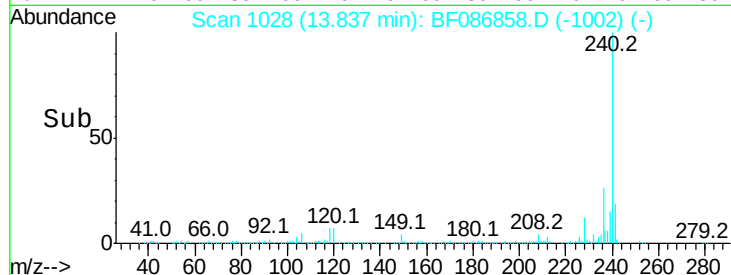
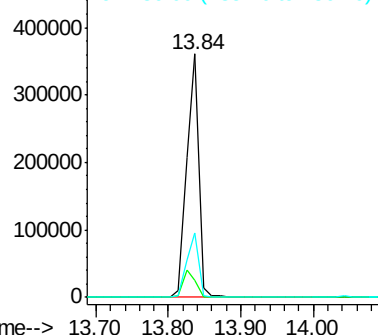
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.37 ng

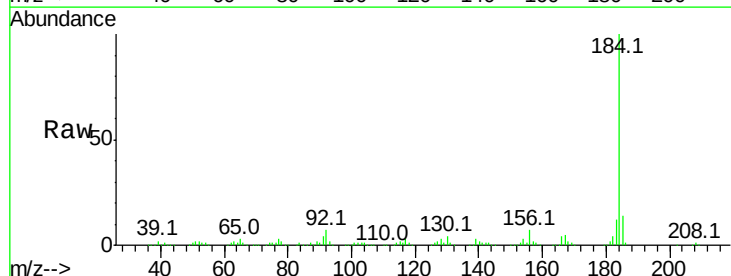
RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

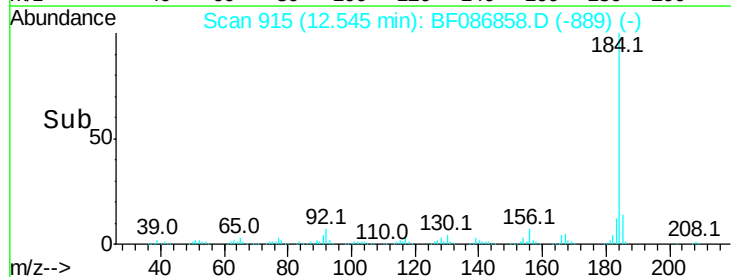
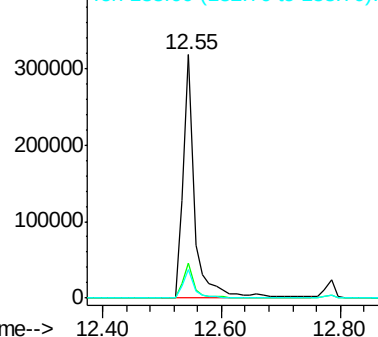
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.6	20.4
183	11.7	9.8	14.6

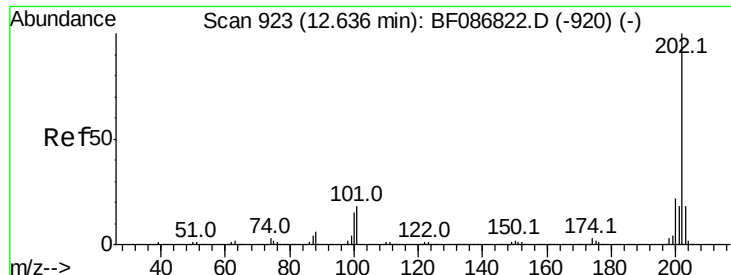


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





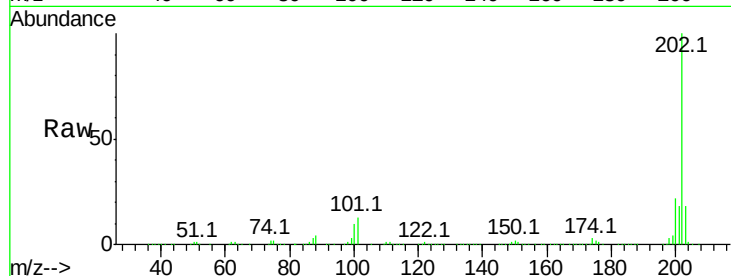
#77
Pvrene
Concen: 43.67 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

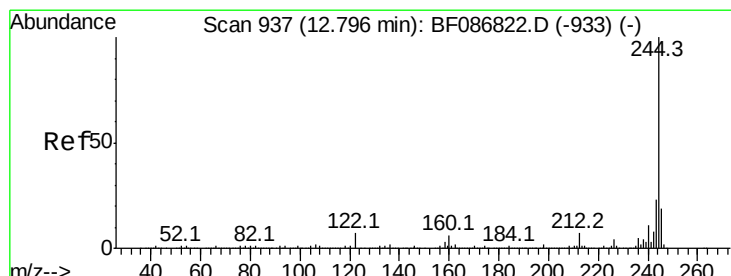
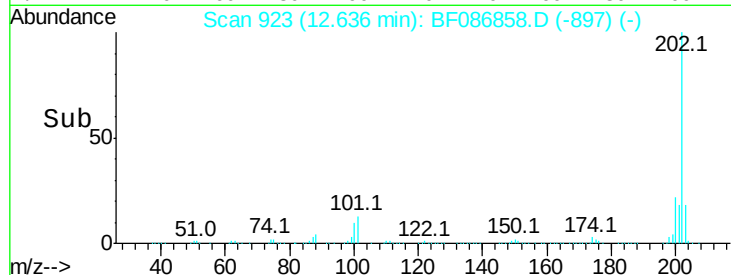
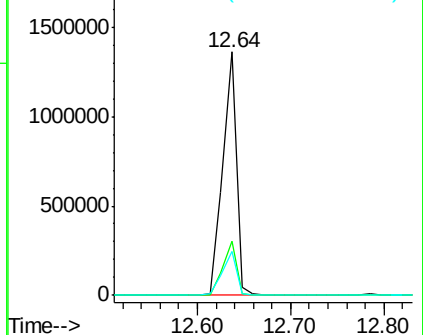
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4

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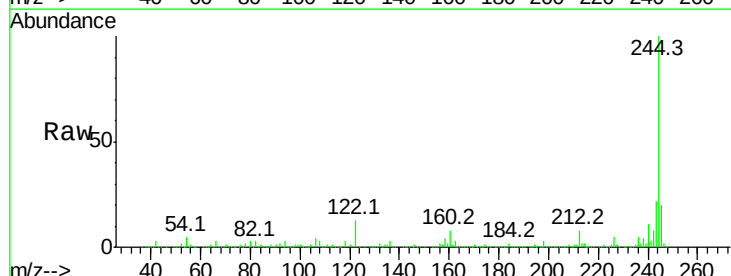


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

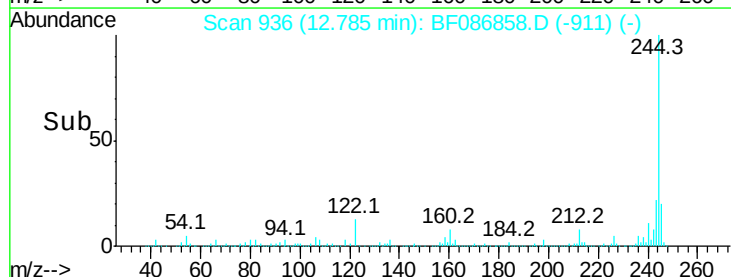
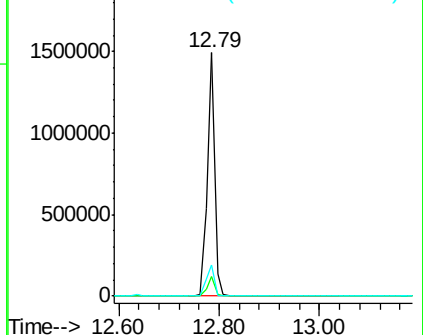


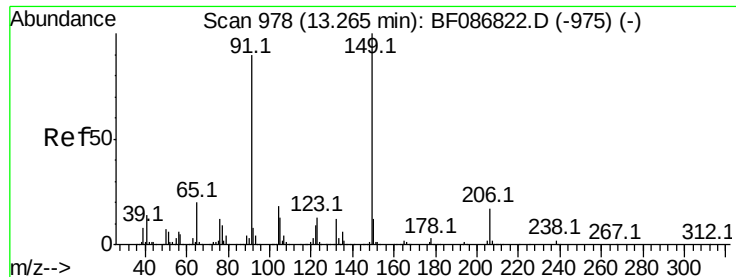
#78
Terphenyl-d14
Concen: 78.04 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.6	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





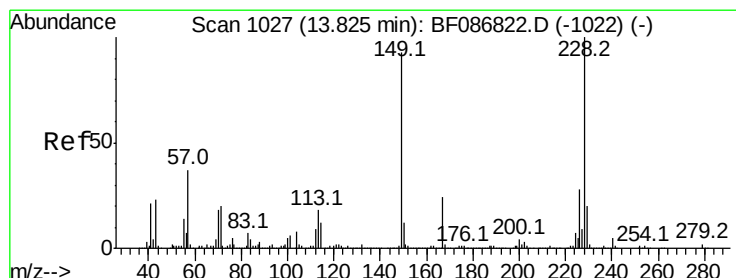
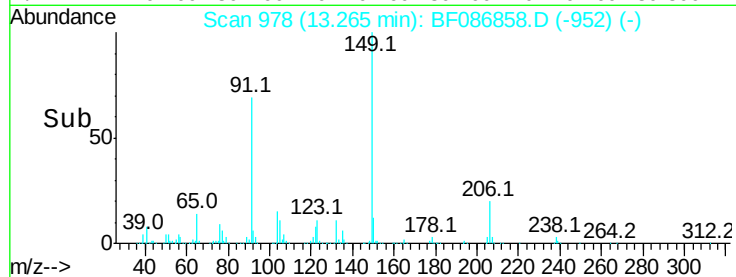
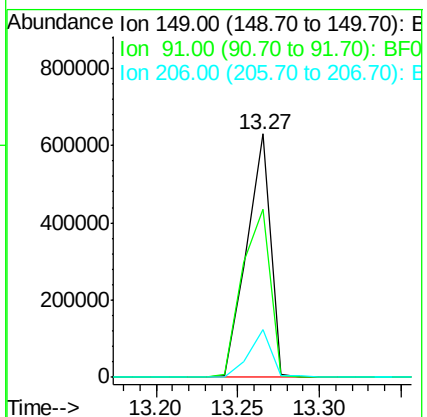
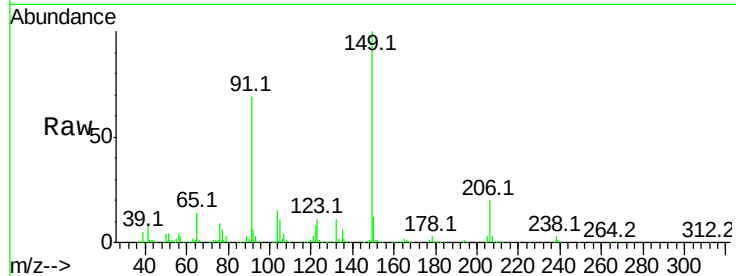
#79
Butylbenzylphthalate
Concen: 47.93 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	640640		
91	68.9	48.0	72.0	
206	19.6	15.8	23.6	

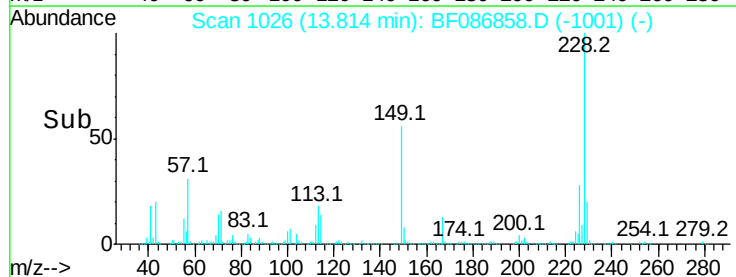
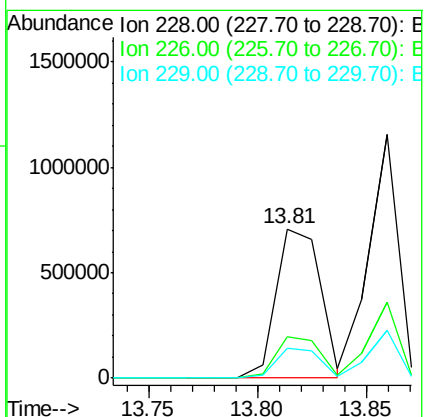
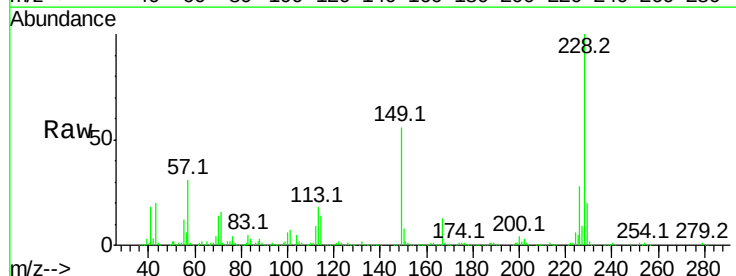
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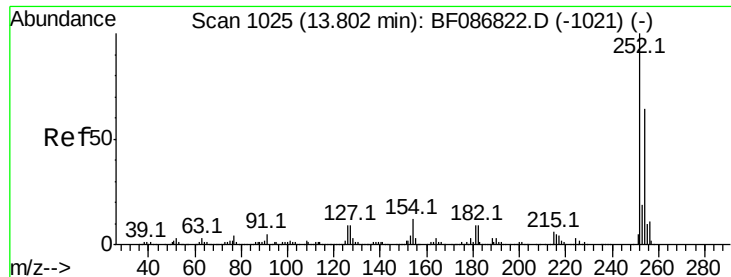
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#80
Benzo(a)anthracene
Concen: 43.79 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1014783		
226	27.7	22.5	33.7	
229	20.3	16.6	25.0	





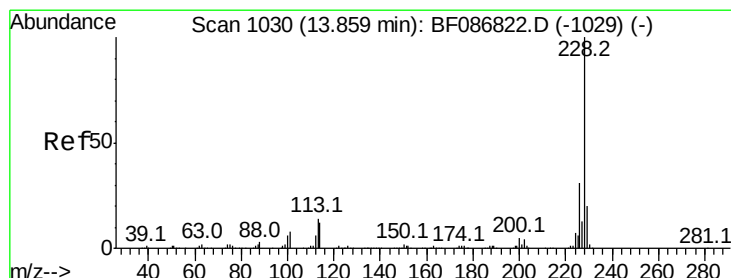
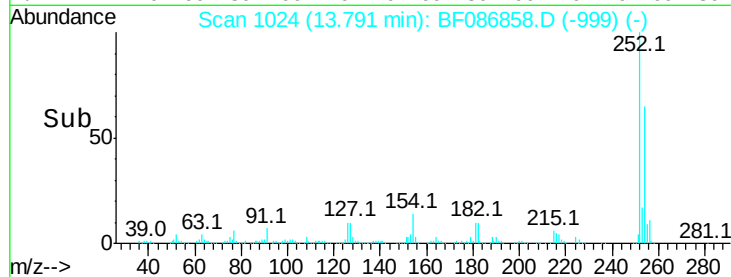
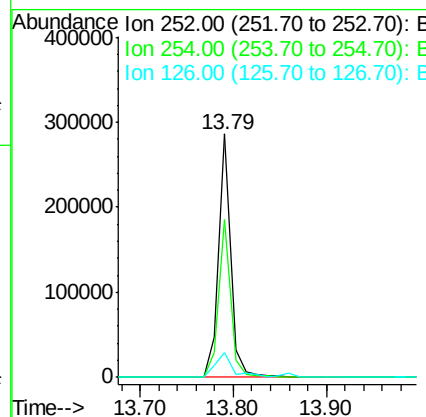
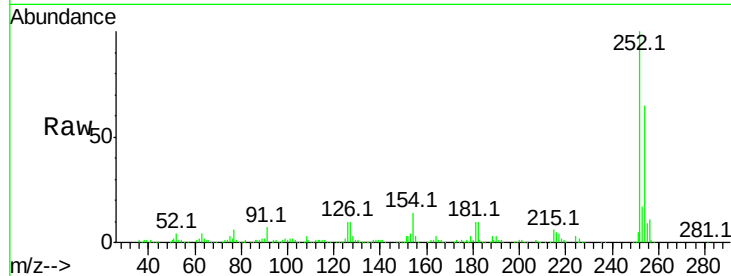
#81
 3,3'-Dichlorobenzidine
 Concen: 17.82 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262318		
254	65.0		50.7	76.1
126	10.2		12.7	19.1

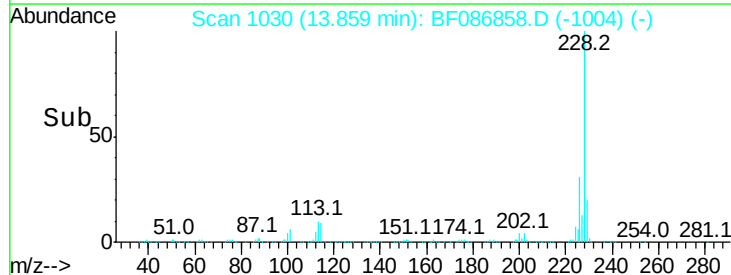
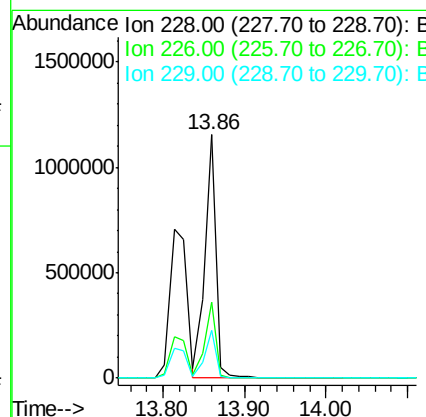
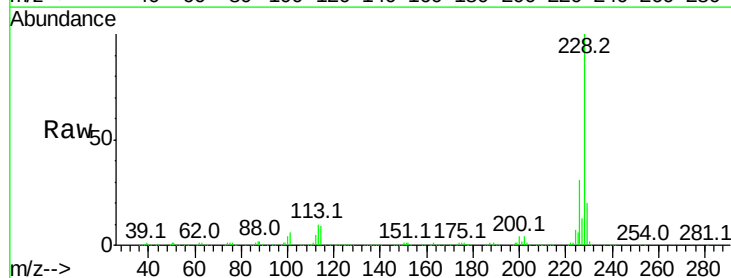
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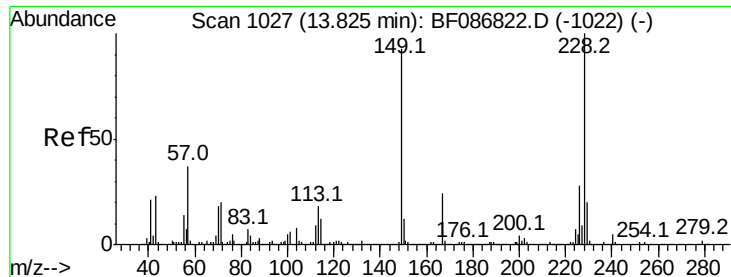
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#82
 Chrysene
 Concen: 46.90 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1105503		
226	31.0		24.4	36.6
229	19.7		15.8	23.8





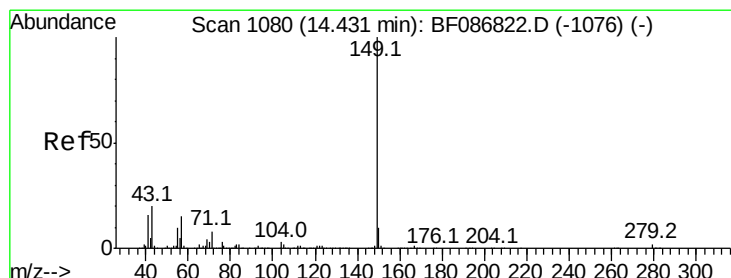
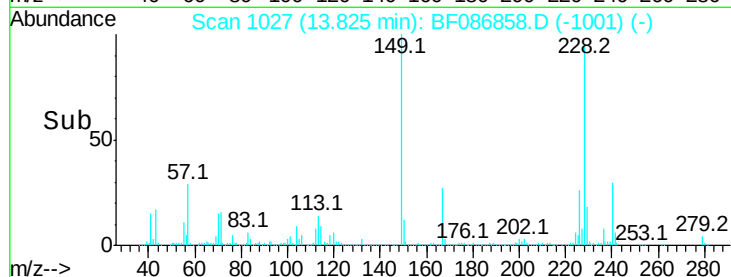
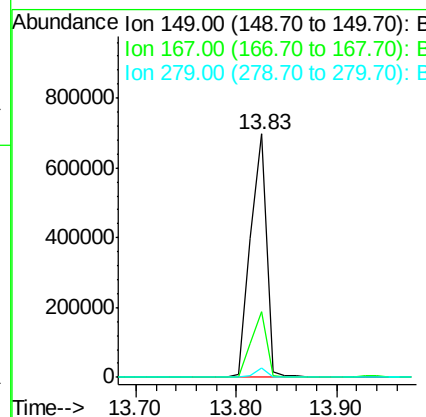
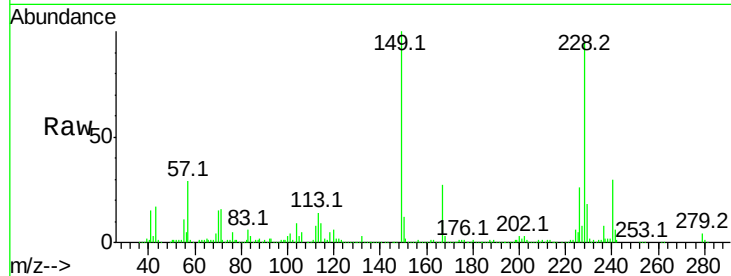
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.14 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	774091		
167	26.9	21.8	32.6	
279	4.0	2.6	4.0#	

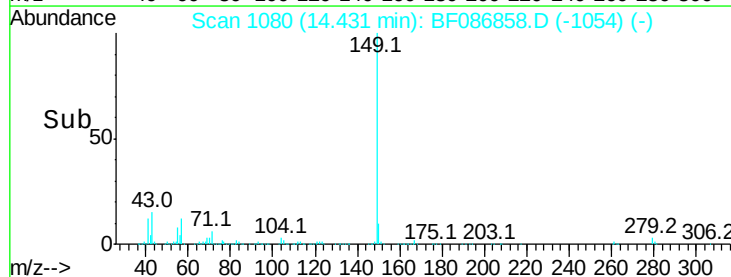
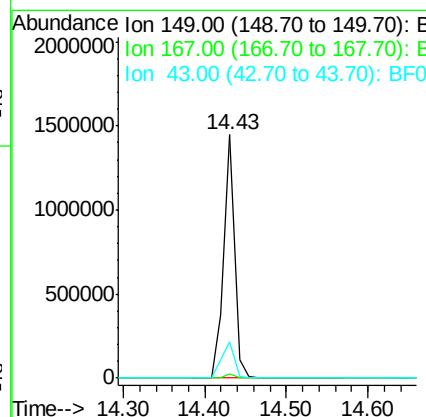
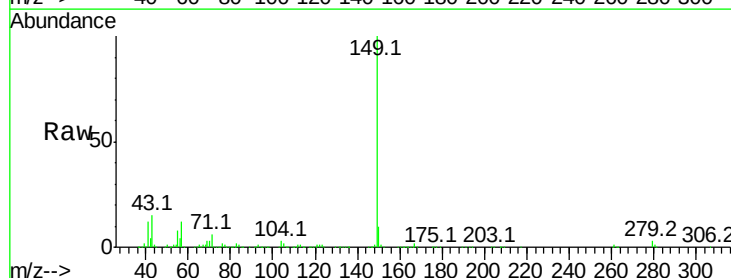
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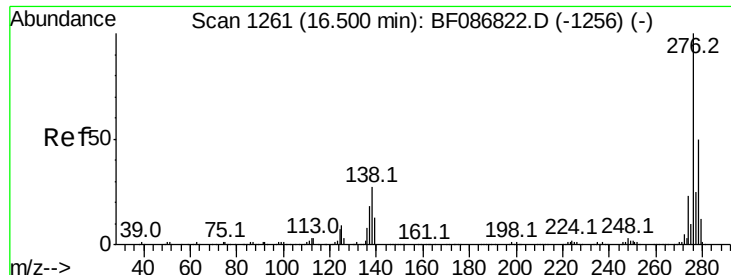
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#84
 Di-n-octyl phthalate
 Concen: 50.20 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1336967		
167	1.6	1.2	1.8	
43	17.1	8.2	12.4#	





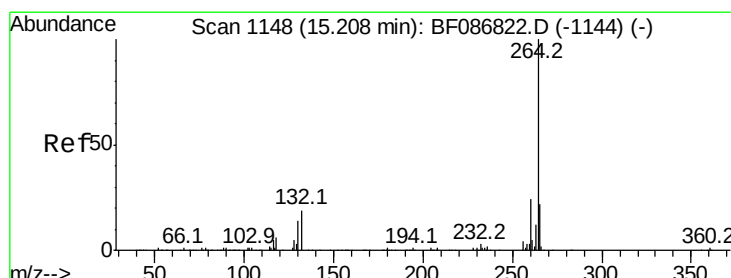
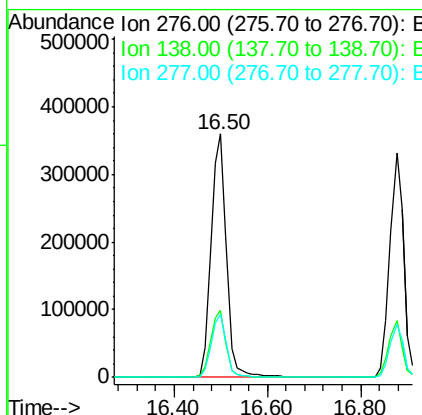
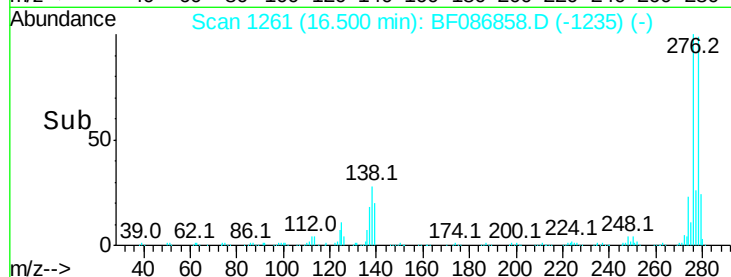
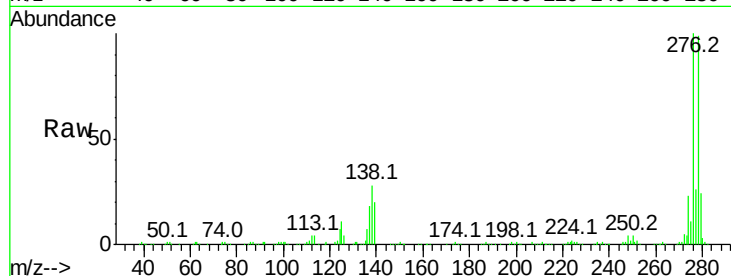
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.35 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion:	276	Resp:	830604
Ion Ratio	Lower	Upper	
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7

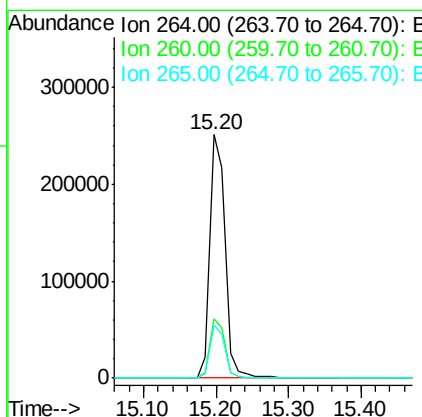
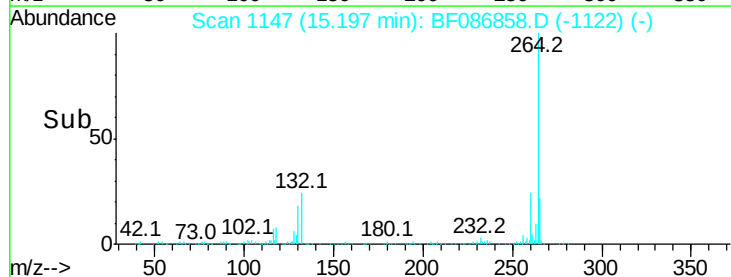
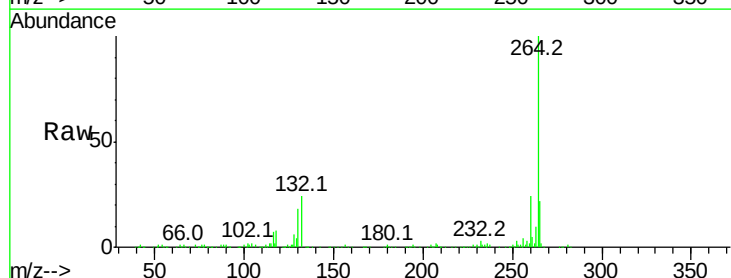
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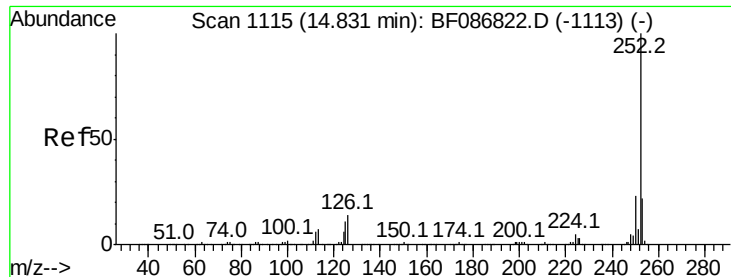
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:	264	Resp:	368709
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.63 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

Tot Ion:252 Resp: 1213256

Ion Ratio Lower Upper

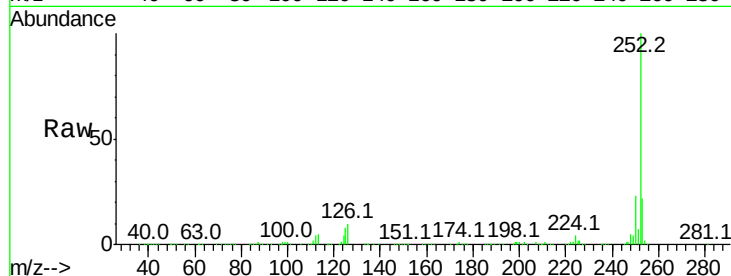
252 100

253 21.8 17.8 26.6

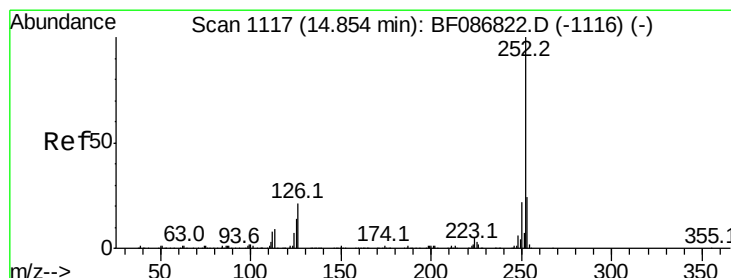
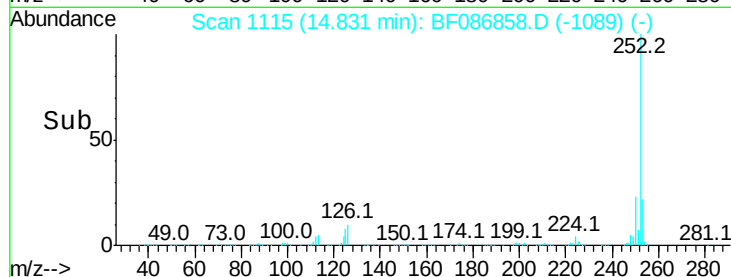
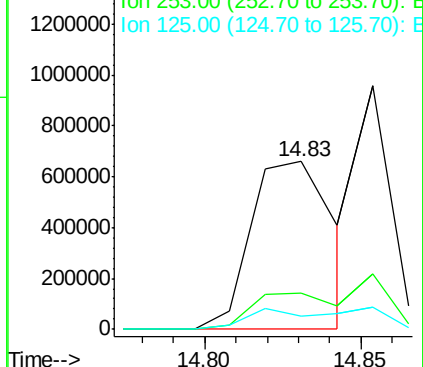
125 7.6 11.4 17.0#

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



#88

Benzo(k)fluoranthene

Concen: 38.47 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:252 Resp: 754723

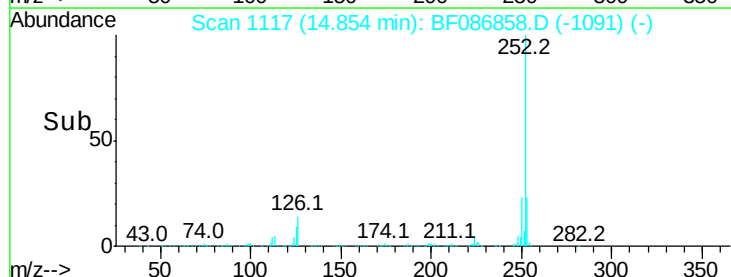
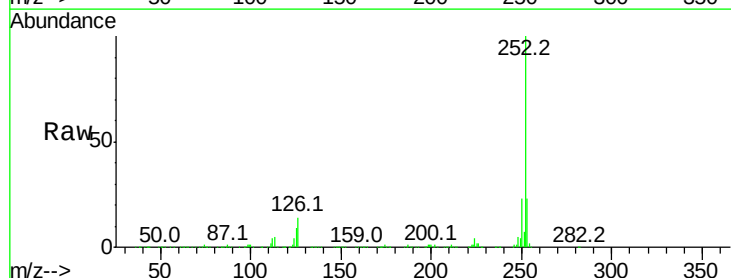
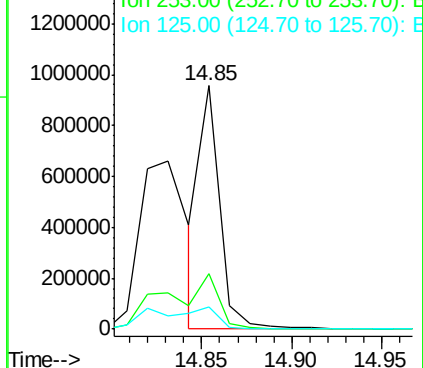
Ion Ratio Lower Upper

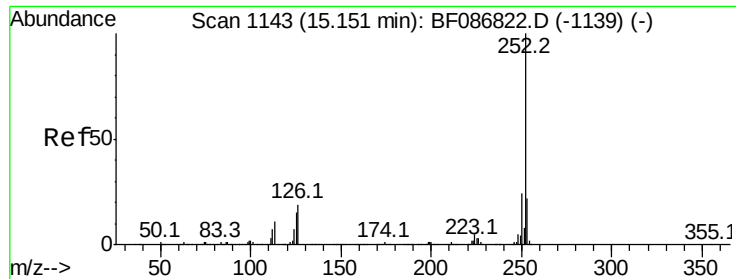
252 100

253 22.5 17.8 26.6

125 9.1 9.1 13.7

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





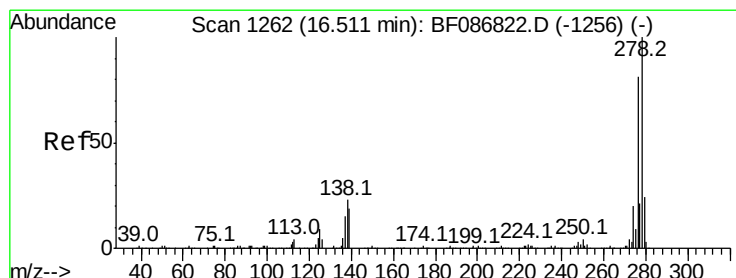
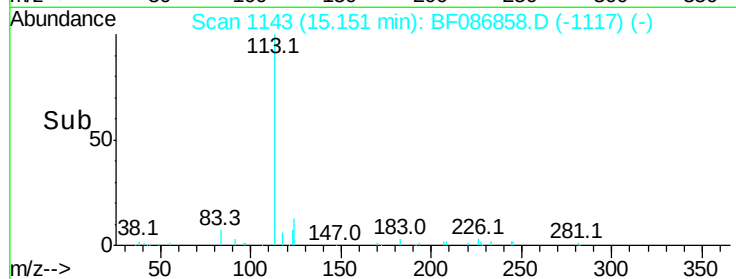
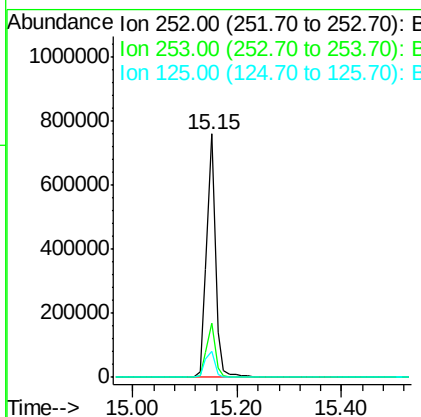
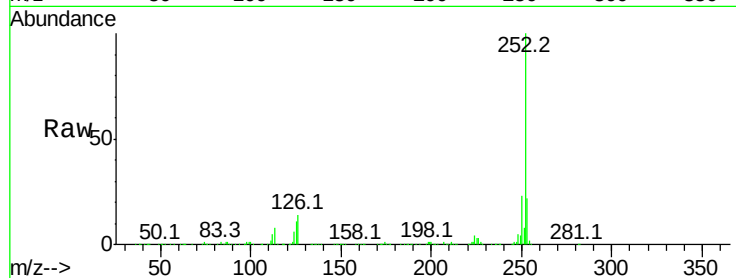
#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	897363		
253	22.2		17.2	25.8
125	10.8		9.0	13.6

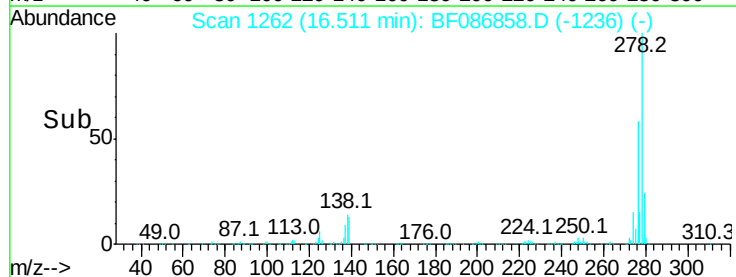
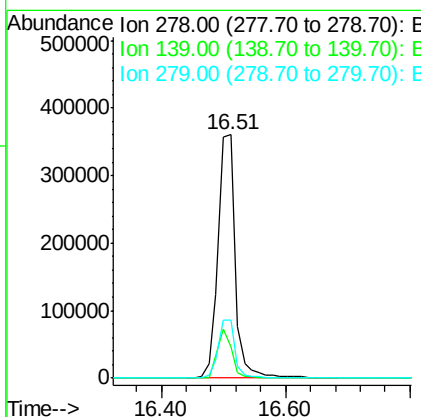
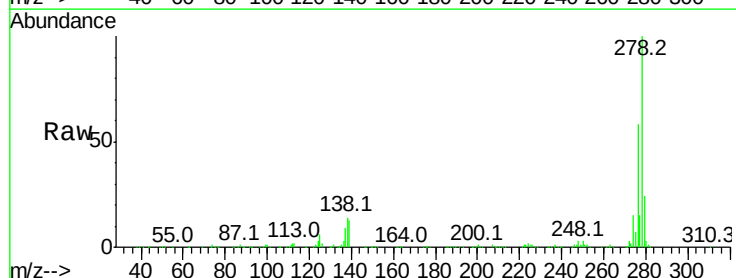
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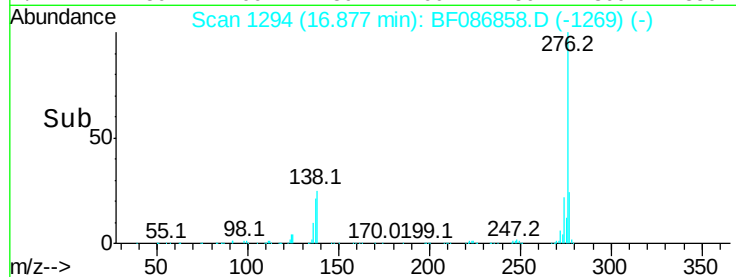
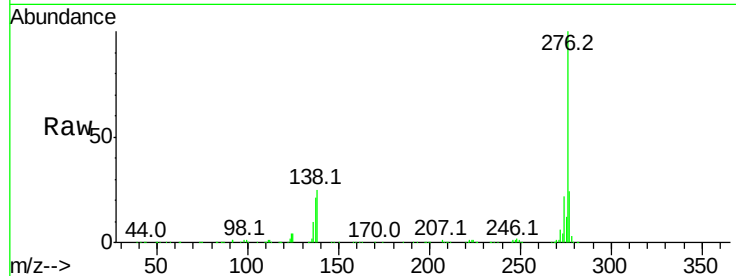
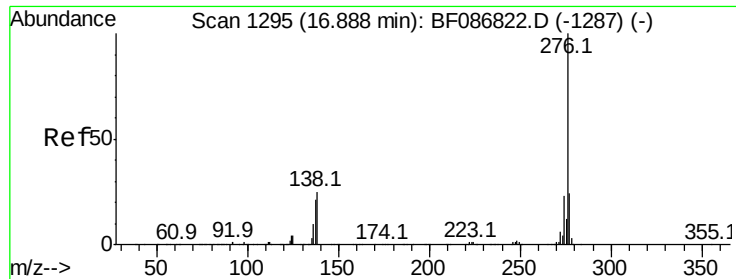
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#90
Dibenzo(a,h)anthracene
Concen: 39.54 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	688846		
139	13.0		16.6	24.8#
279	23.9		19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 39.03 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tot Ion:	276	Resp:	690802
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.6	29.4
138	25.1	23.6	35.4

Instrument :

BNA_F

ClientSampleId :

PB90408BS

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