

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080858.D
 Acq On : 5 Aug 2015 1:28
 Operator : TP/UM
 Sample : PB84659BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:01:09 PM

Quant Time: Aug 05 08:00:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86537	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	339425	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	145341	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	241275	20.00	ng	0.00
75) Chrysene-d12	13.96	240	133133	20.00	ng	0.00
86) Perylene-d12	15.37	264	108245	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	546466	95.58	ng	0.01
7) Phenol-d6	6.46	99	733229	98.10	ng	0.01
23) Nitrobenzene-d5	7.39	82	465634	64.65	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	132992	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	675451	62.58	ng	0.00
78) Terphenyl-d14	12.92	244	543489	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	79676	28.43	ng	98
3) Pyridine	3.26	79	201649	26.10	ng	97
4) n-Nitrosodimethylamine	3.22	42	127533	32.18	ng	100
6) Aniline	6.49	93	225227	20.71	ng	99
8) 2-Chlorophenol	6.61	128	221181	34.53	ng	92
9) Benzaldehyde	6.37	77	15665	3.00	ng	93
10) Phenol	6.48	94	319598	35.94	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	238881	35.97	ng	95
12) 1,3-Dichlorobenzene	6.76	146	208566	30.39	ng	100
13) 1,4-Dichlorobenzene	6.84	146	215184	31.24	ng	98
14) 1,2-Dichlorobenzene	7.00	146	201791	31.04	ng	99
15) Benzyl Alcohol	6.97	79	175546	35.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	449670	34.99	ng	99
17) 2-Methylphenol	7.08	107	180241	32.13	ng	97
18) Hexachloroethane	7.33	117	86993	33.23	ng	# 78
19) n-Nitroso-di-n-propylamine	7.24	70	155091	32.12	ng	99
20) 3+4-Methylphenols	7.24	107	221164	34.00	ng	# 84
22) Acetophenone	7.24	105	296786	35.80	ng	# 92
24) Nitrobenzene	7.41	77	255545	34.21	ng	98
25) Isophorone	7.65	82	450201	35.28	ng	98
26) 2-Nitrophenol	7.72	139	100866m	32.92	ng	
27) 2,4-Dimethylphenol	7.77	122	208908m	36.61	ng	
28) bis(2-Chloroethoxy)methane	7.86	93	258706	32.96	ng	99
29) 2,4-Dichlorophenol	7.96	162	158860	33.73	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	179809	33.55	ng	99
31) Naphthalene	8.13	128	627649	33.95	ng	100
32) Benzoic acid	7.88	122	143059m	37.59	ng	
33) 4-Chloroaniline	8.18	127	101396	14.02	ng	96
34) Hexachlorobutadiene	8.25	225	98485	32.23	ng	99
35) Caprolactam	8.54	113	49757m	36.99	ng	
36) 4-Chloro-3-methylphenol	8.66	107	183751	35.56	ng	95
37) 2-Methylnaphthalene	8.82	142	373837	33.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	159914	32.24	ng	98
40) Hexachlorocyclopentadiene	8.98	237	210540	70.69	ng	99

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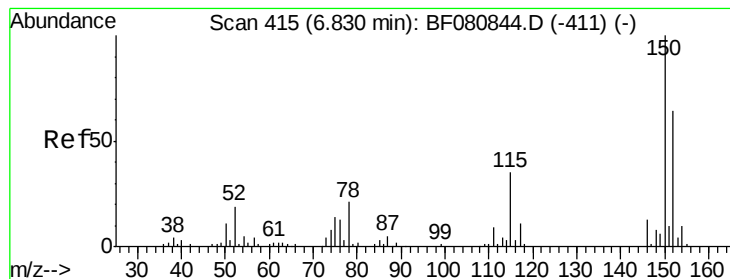
Manual Integrations
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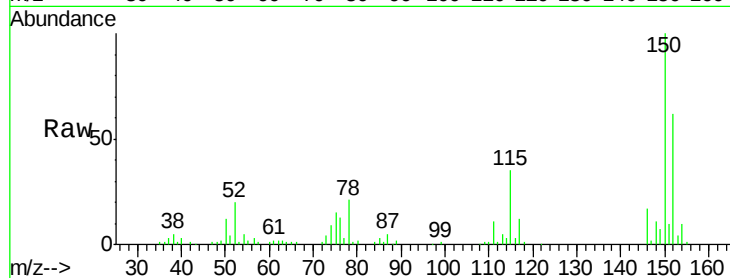
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	108543	32.29	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	107584	31.91	ng #	89
45) 1,1'-Biphenyl	9.29	154	464272	34.65	ng	98
46) 2-Chloronaphthalene	9.31	162	344558	33.06	ng	99
47) 2-Nitroaniline	9.40	65	136004	35.85	ng	94
48) Acenaphthylene	9.72	152	572307	33.38	ng	100
49) Dimethylphthalate	9.58	163	343917	32.45	ng	99
50) 2,6-Dinitrotoluene	9.64	165	73607	33.20	ng	89
51) Acenaphthene	9.89	154	387606	37.60	ng	98
52) 3-Nitroaniline	9.81	138	55579	20.30	ng	98
53) 2,4-Dinitrophenol	9.92	184	89550	61.45	ng #	52
54) Dibenzofuran	10.06	168	478713	34.83	ng	97
55) 4-Nitrophenol	9.97	139	130979	67.99	ng	98
56) 2,4-Dinitrotoluene	10.04	165	95003	33.95	ng #	86
57) Fluorene	10.41	166	366028	34.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	85326	35.26	ng	99
59) Diethylphthalate	10.28	149	370775	35.33	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	148331	34.07	ng	98
61) 4-Nitroaniline	10.42	138	70362	28.79	ng	93
62) Azobenzene	10.56	77	428710	34.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	60430	38.93	ng	71
65) n-Nitrosodiphenylamine	10.52	169	321187	34.75	ng	97
66) 4-Bromophenyl-phenylether	10.89	248	91937	34.43	ng	93
67) Hexachlorobenzene	10.96	284	102839	35.26	ng #	61
68) Atrazine	11.05	200	83719	34.80	ng	95
69) Pentachlorophenol	11.14	266	106821	67.21	ng	99
70) Phenanthrene	11.37	178	465125	33.36	ng	99
71) Anthracene	11.41	178	448848	33.14	ng	99
72) Carbazole	11.56	167	392741	30.74	ng	99
73) Di-n-butylphthalate	11.91	149	531787	35.15	ng	100
74) Fluoranthene	12.55	202	451971	33.29	ng	99
76) Benzidine	12.67	184	117228	18.19	ng	100
77) Pyrene	12.77	202	478565	40.07	ng	99
79) Butylbenzylphthalate	13.40	149	197262	40.39	ng #	63
80) Benzo(a)anthracene	13.95	228	305568	34.31	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	69156	20.90	ng	97
82) Chrysene	14.00	228	303134	33.40	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	249106	38.19	ng	100
84) Di-n-octyl phthalate	14.57	149	437186	39.88	ng	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	232721	31.23	ng	100
87) Benzo(b)fluoranthene	14.97	252	330165m	40.78	ng	
88) Benzo(k)fluoranthene	15.00	252	186385m	29.90	ng	
89) Benzo(a)pyrene	15.31	252	231420	35.02	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	196074	34.15	ng	97
91) Benzo(g,h,i)perylene	17.14	276	200195	36.07	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

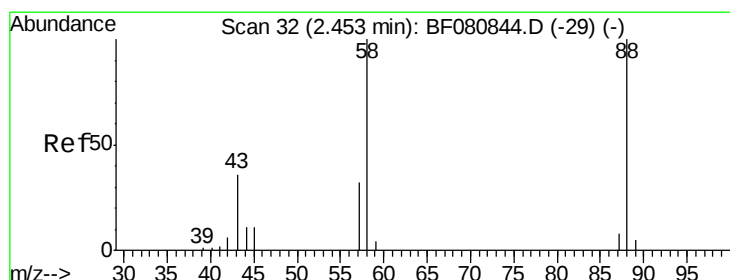
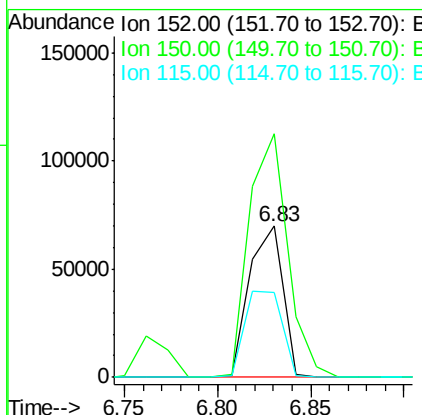
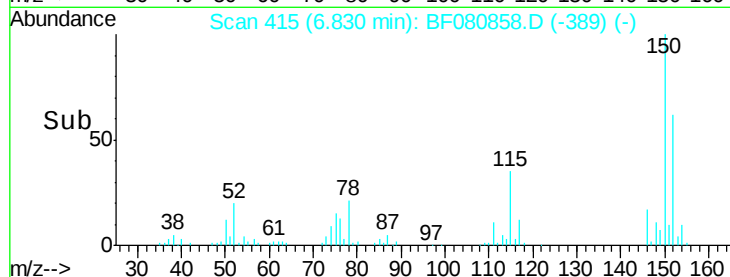
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	187.0
115	56.1	44.2	66.4

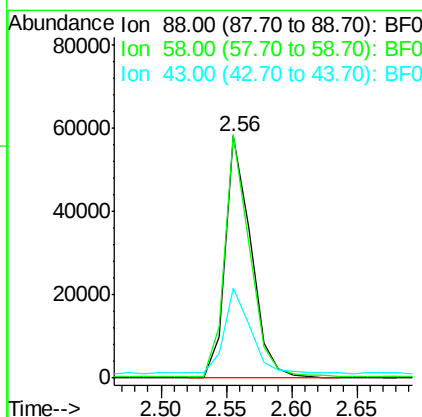
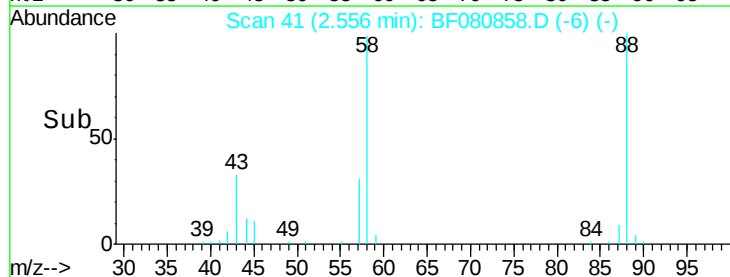
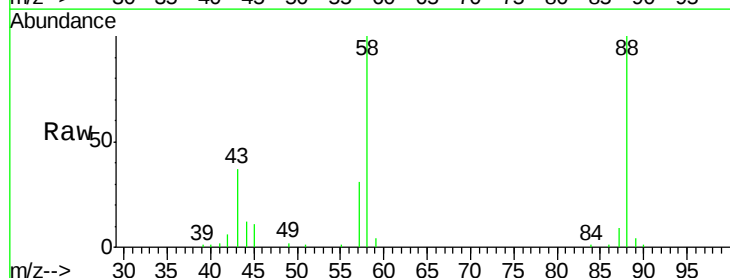
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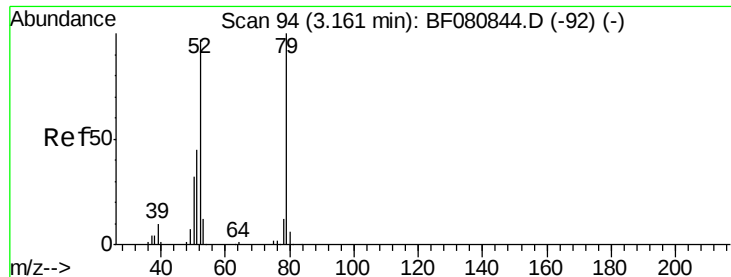
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#2
 1,4-Dioxane
 Concen: 28.43 ng
 RT: 2.56 min Scan# 41
 Delta R.T. 0.10 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	79.2	118.8
43	37.0	28.1	42.1





#3

Pyridine

Concen: 26.10 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

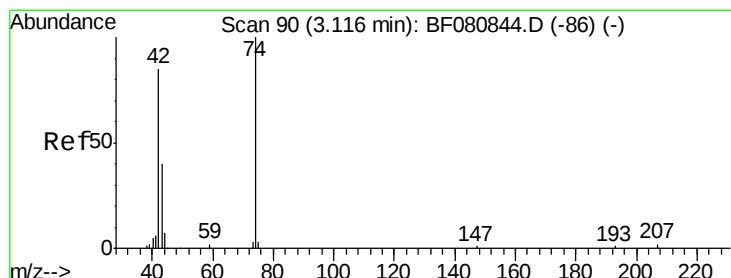
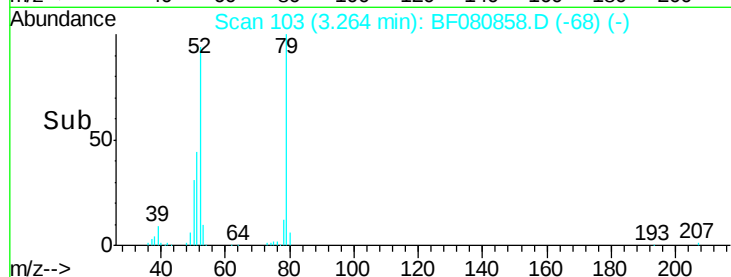
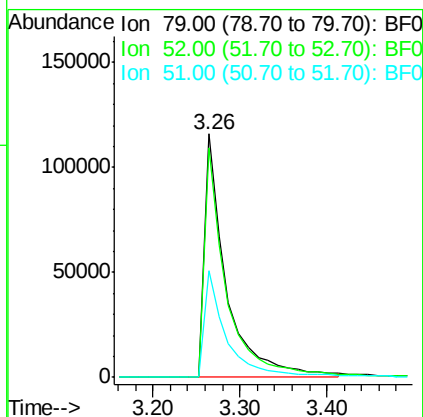
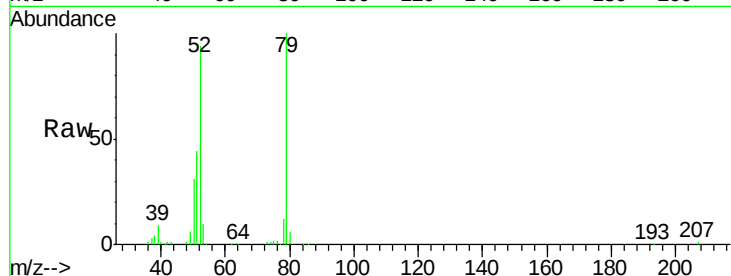
ClientSampleId :

PB84659BS

Tgt Ion:	79	Resp:	201649
Ion Ratio	Lower	Upper	
79	100		
52	94.3	77.7	116.5
51	43.9	36.1	54.1

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#4

n-Nitrosodimethylamine

Concen: 32.18 ng

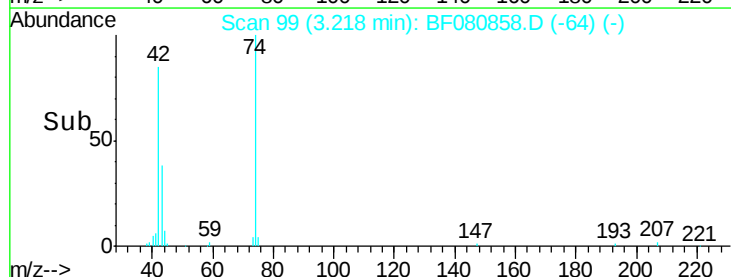
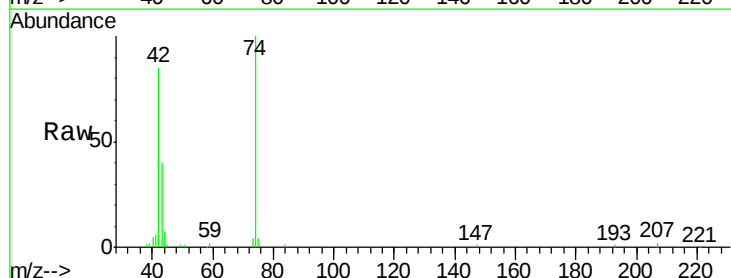
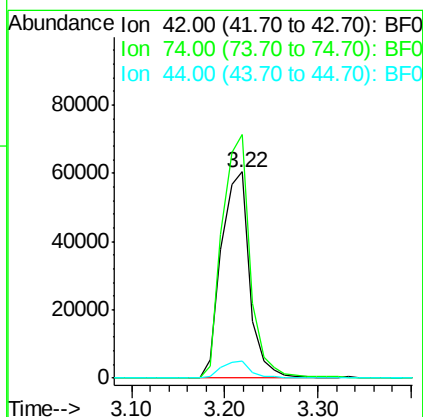
RT: 3.22 min Scan# 99

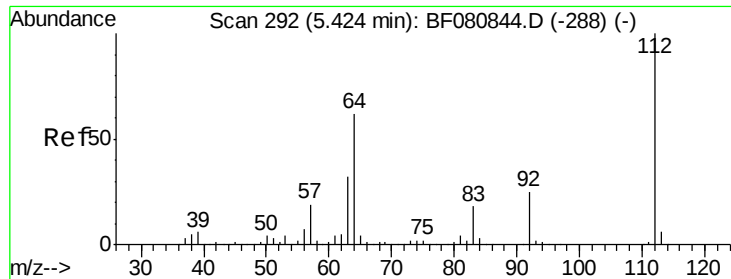
Delta R.T. 0.10 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:	42	Resp:	127533
Ion Ratio	Lower	Upper	
42	100		
74	118.2	94.3	141.5
44	8.0	6.2	9.2





#5

2-Fluorophenol

Concen: 95.58 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080858.D

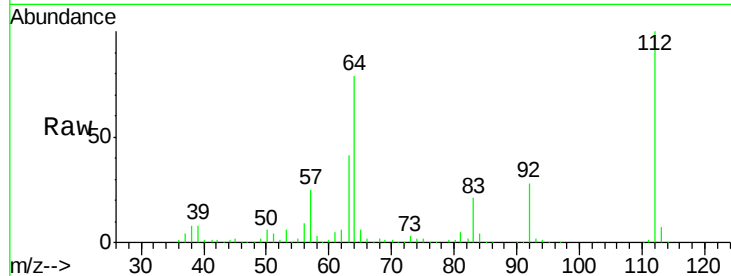
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion: 112 Resp: 546466

Ion Ratio Lower Upper

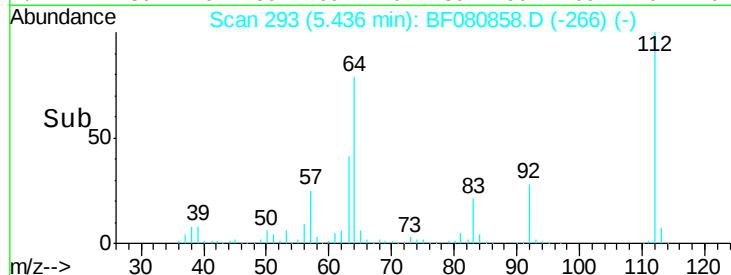
112 100

64 78.9 49.5 74.3#

63 41.0 25.3 37.9#

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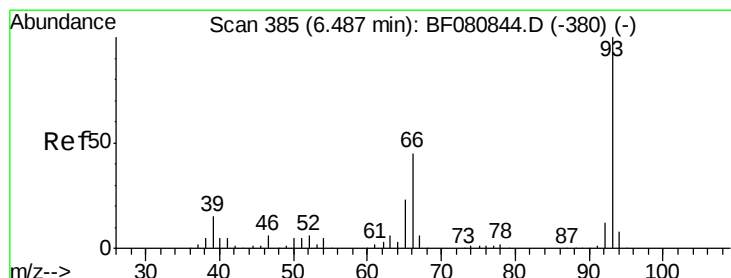
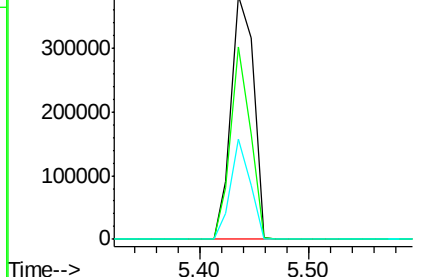
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.71 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

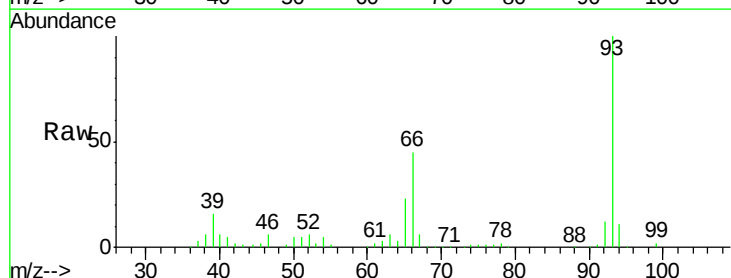
Tgt Ion: 93 Resp: 225227

Ion Ratio Lower Upper

93 100

66 44.5 35.8 53.6

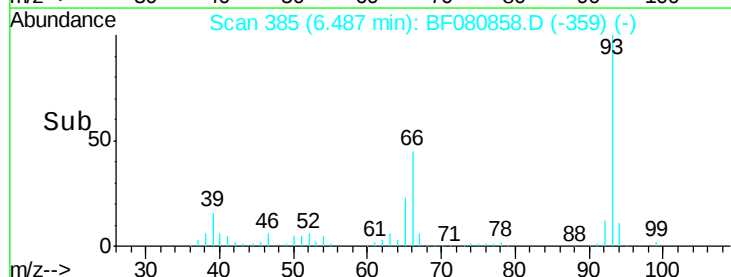
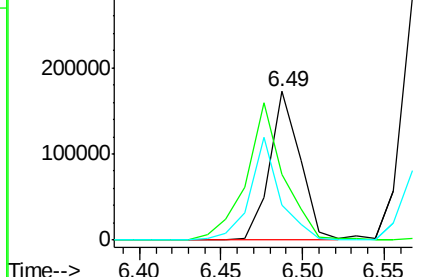
65 23.3 18.2 27.2

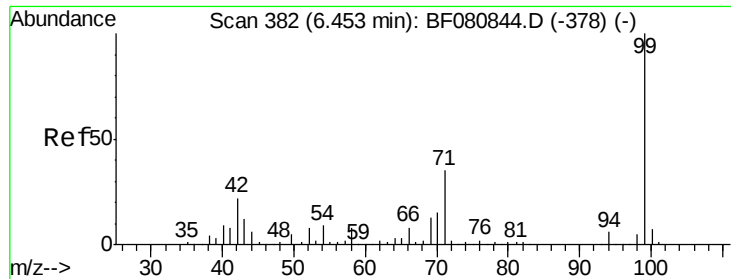


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080858.D

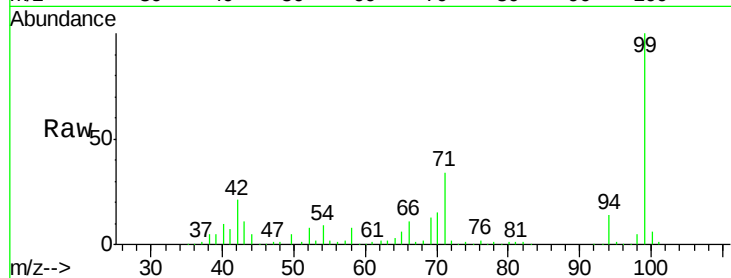
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

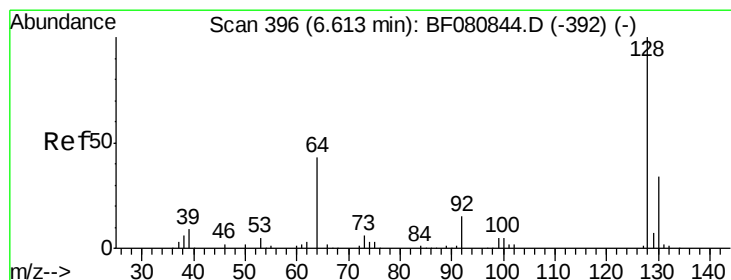
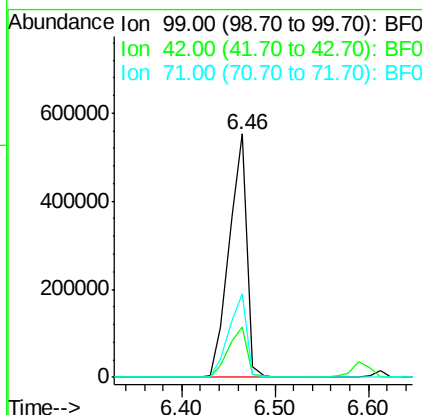
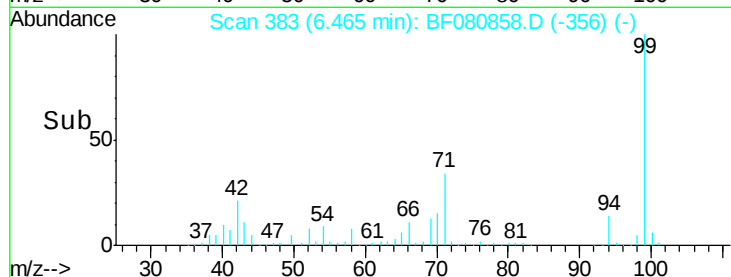
PB84659BS



Tgt Ion:	99	Resp:	733229
Ion Ratio	Lower	Upper	
99	100		
42	20.6	17.9	26.9
71	34.3	28.2	42.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 34.53 ng

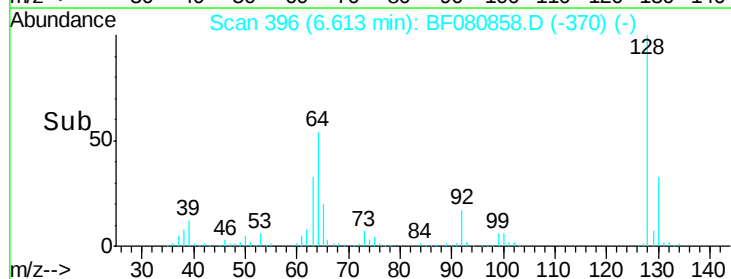
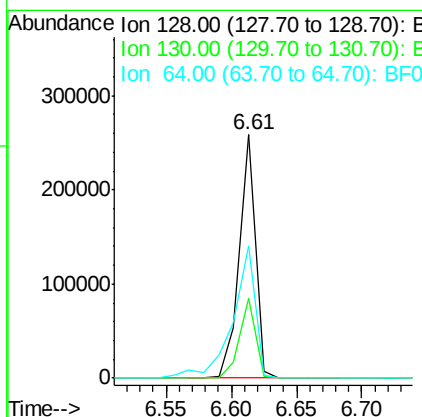
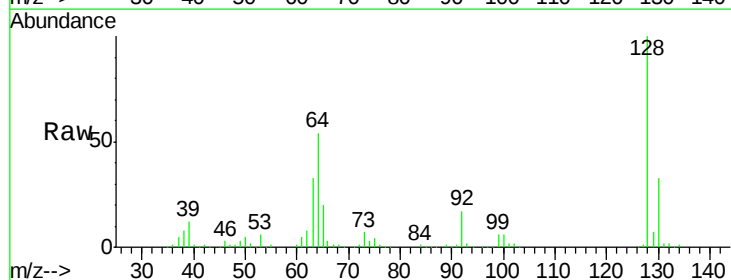
RT: 6.61 min Scan# 396

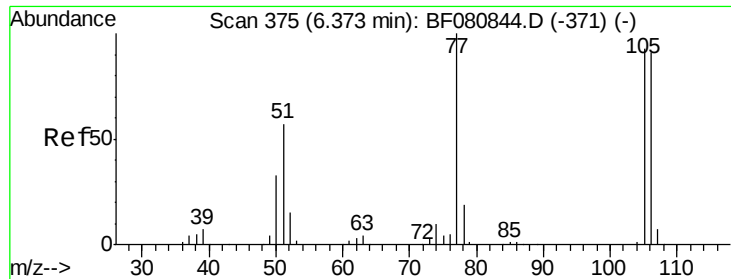
Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:	128	Resp:	221181
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.9	53.9
64	54.1	26.2	66.2





#9

Benzaldehyde

Concen: 3.00 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF080858.D

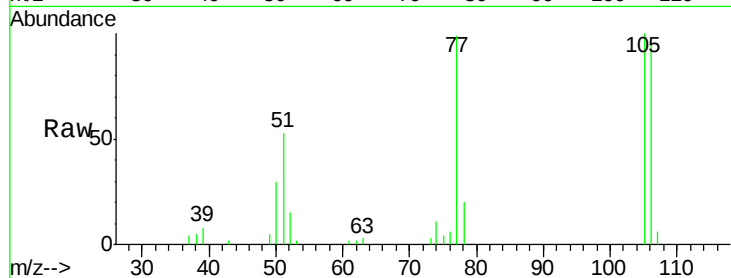
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

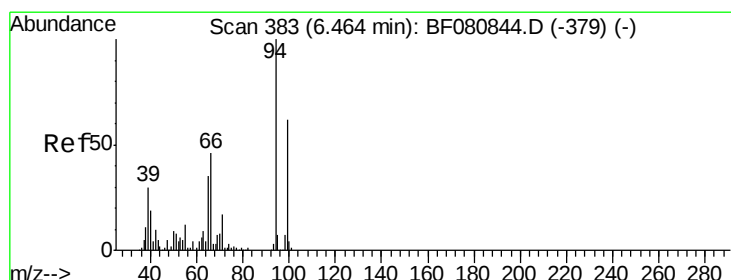
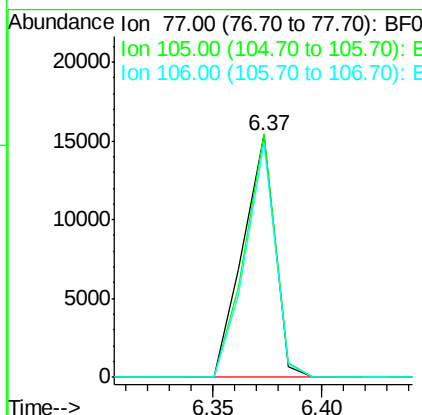
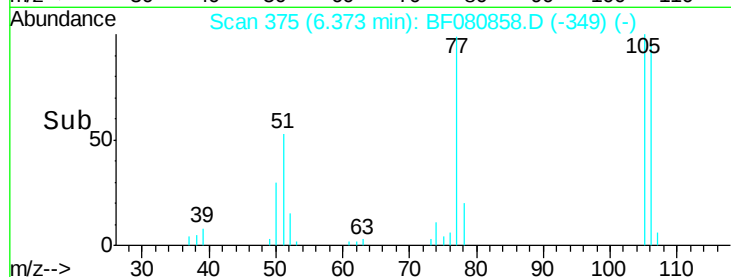
PB84659BS



Tgt Ion:	77	Resp:	15665
Ion	Ratio	Lower	Upper
77	100		
105	100.7	73.5	113.5
106	96.9	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 35.94 ng

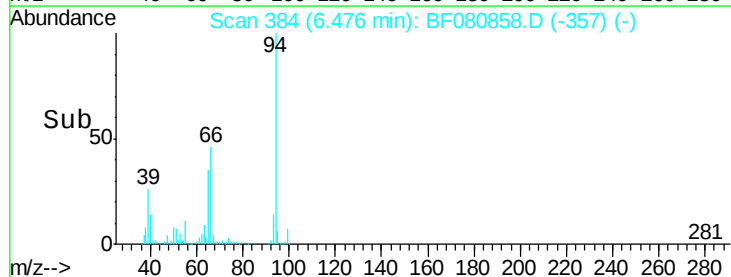
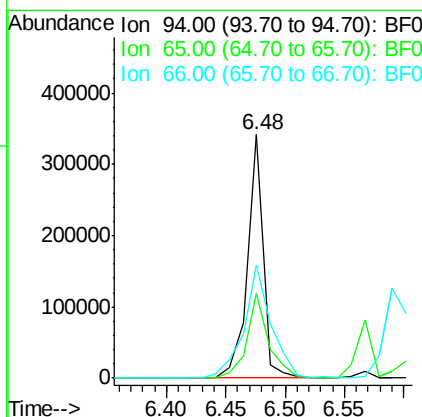
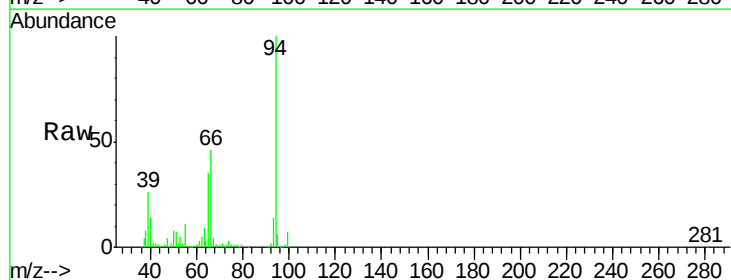
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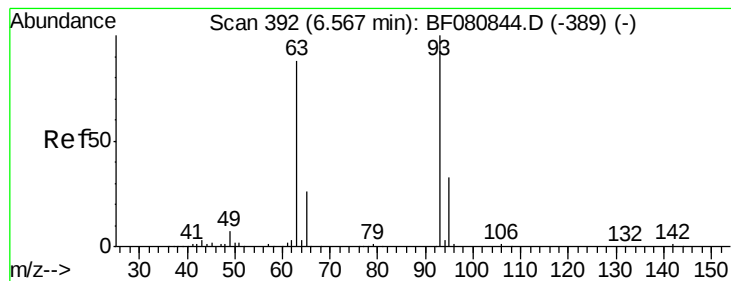
Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:	94	Resp:	319598
Ion	Ratio	Lower	Upper
94	100		
65	34.9	15.2	55.2
66	46.5	25.9	65.9





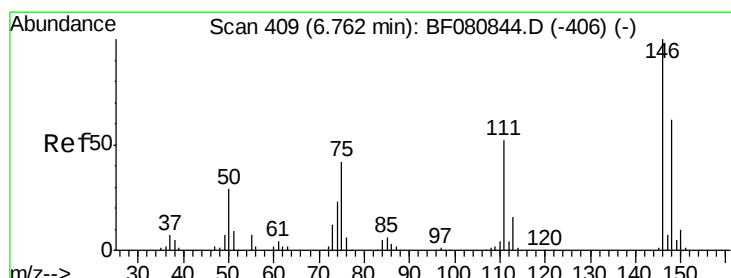
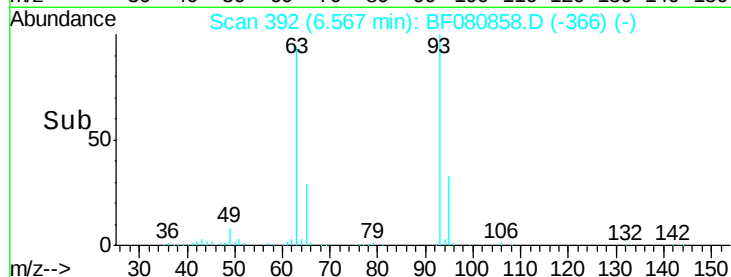
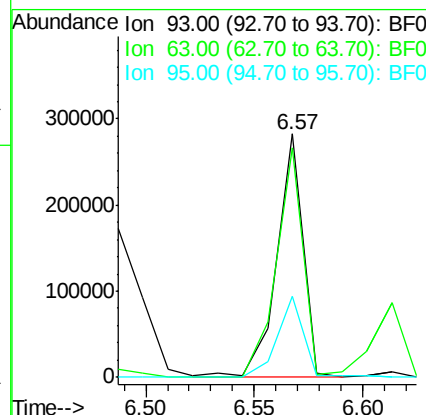
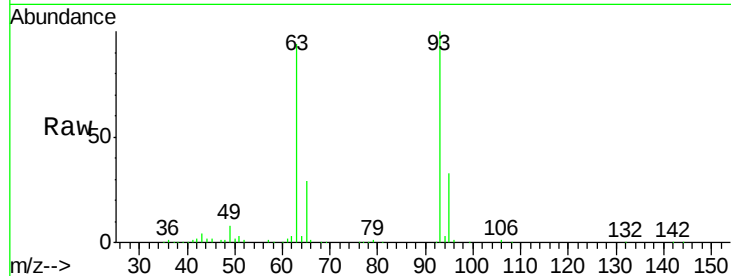
#11
bis(2-Chloroethyl)ether
Concen: 35.97 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	94.2	67.6	107.6
95	33.2	12.9	52.9

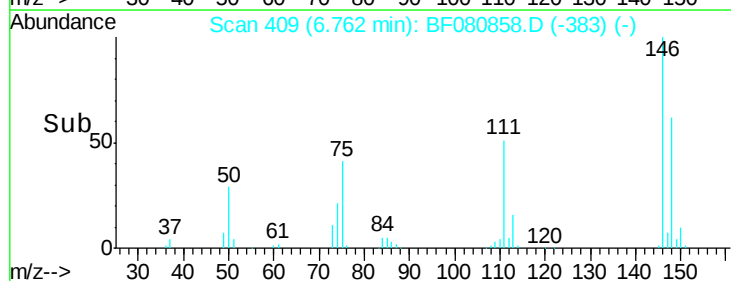
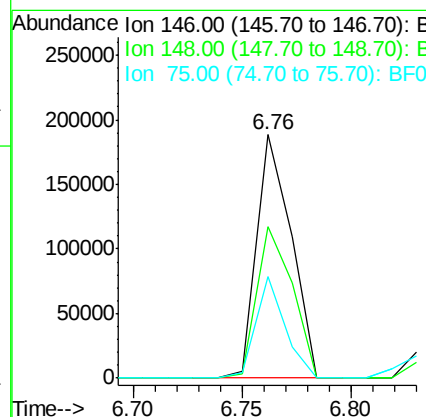
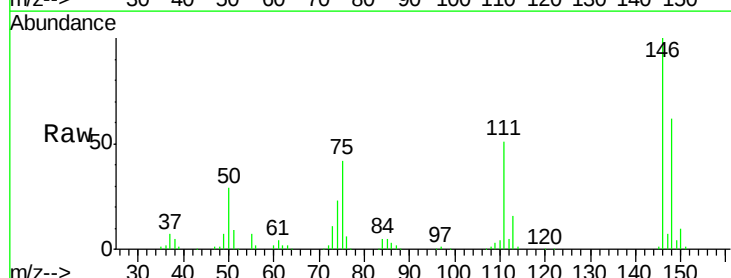
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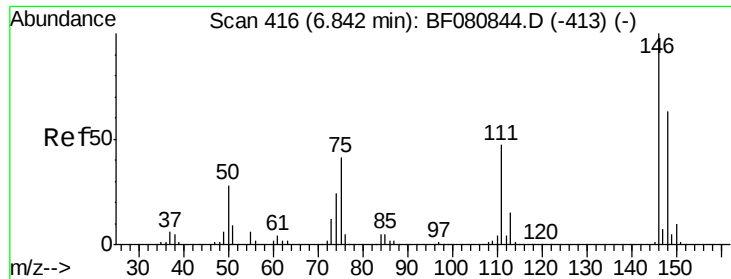
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 30.39 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.1	49.7	74.5
75	41.7	33.5	50.3





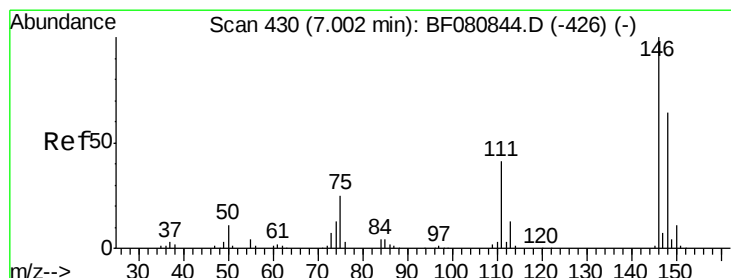
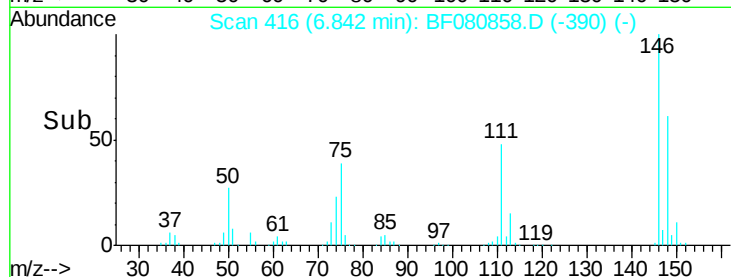
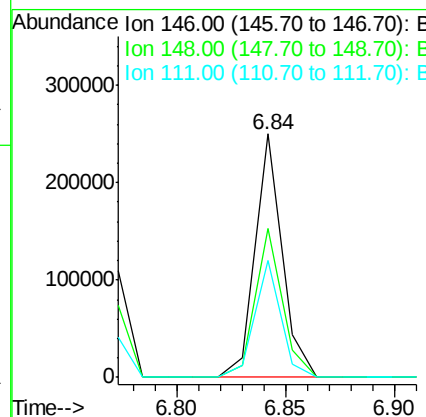
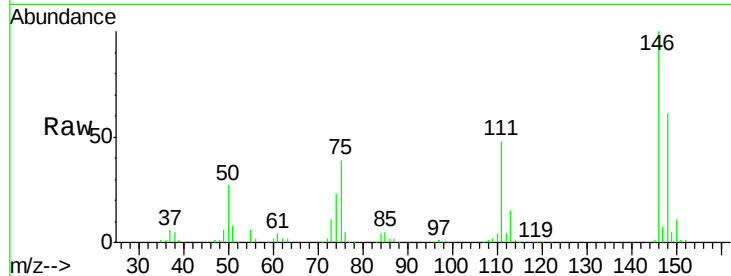
#13
 1,4-Dichlorobenzene
 Concen: 31.24 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215184		
148	61.2	50.5	75.7	
111	48.1	38.0	57.0	

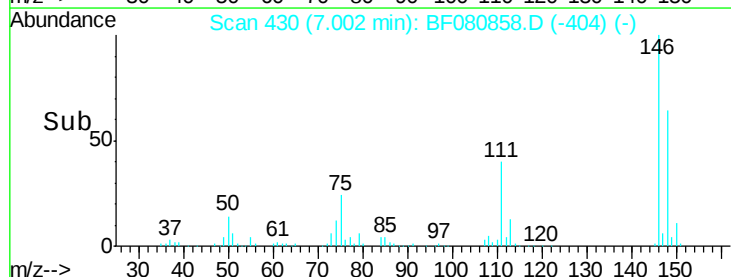
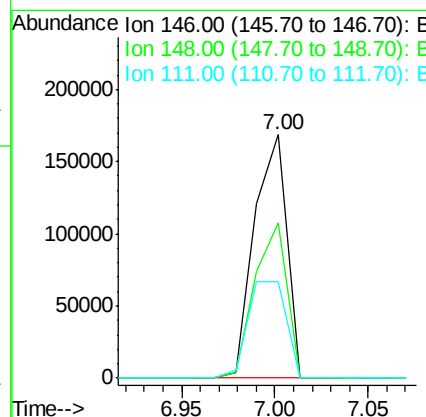
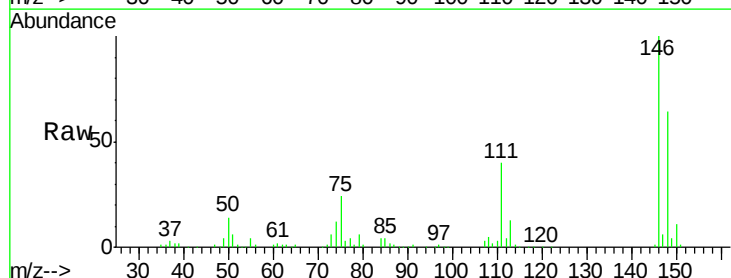
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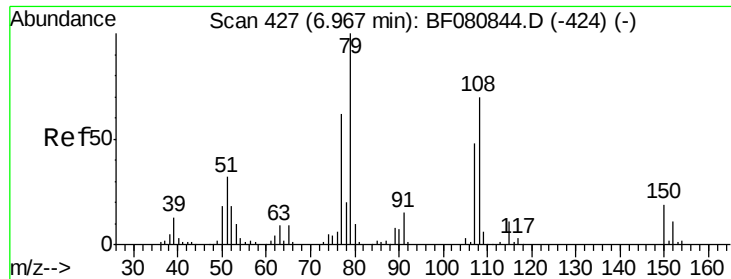
MMDadoda
 8/5/2015 7:01:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.04 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201791		
148	63.9	51.0	76.6	
111	39.8	32.7	49.1	





#15

Benzyl Alcohol

Concen: 35.96 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF080858.D

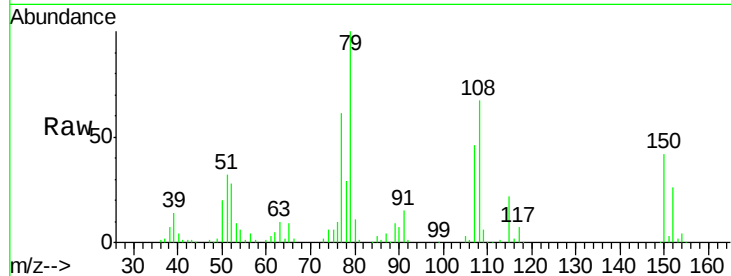
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion: 79 Resp: 175546

Ion Ratio Lower Upper

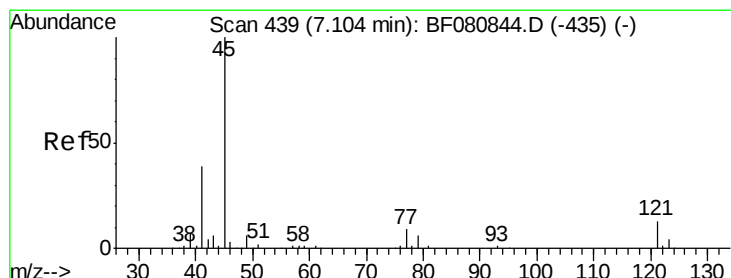
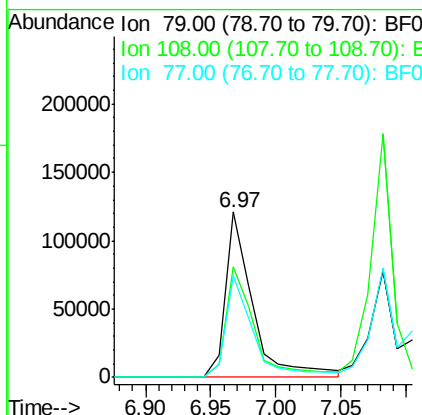
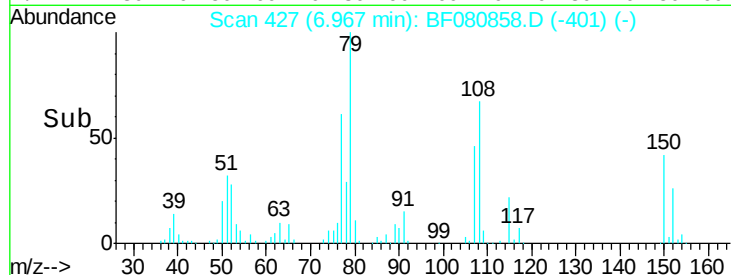
79 100

108 67.1 55.9 83.9

77 61.1 49.4 74.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.99 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

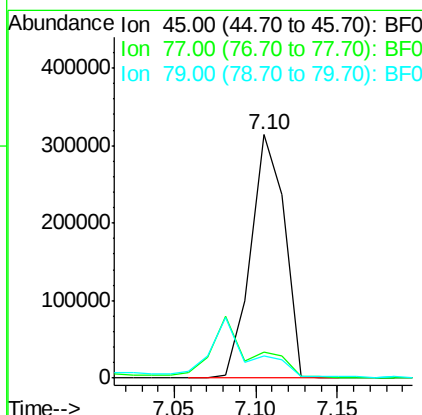
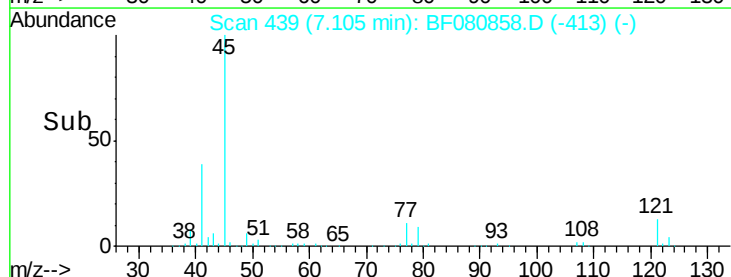
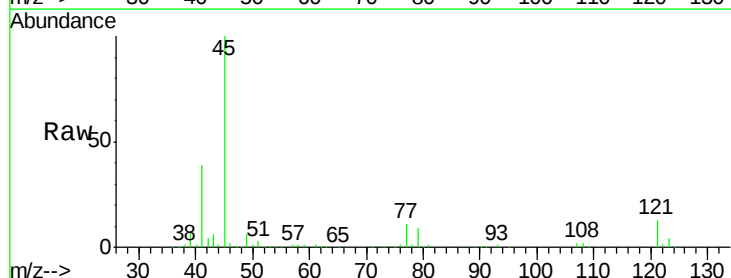
Tgt Ion: 45 Resp: 449670

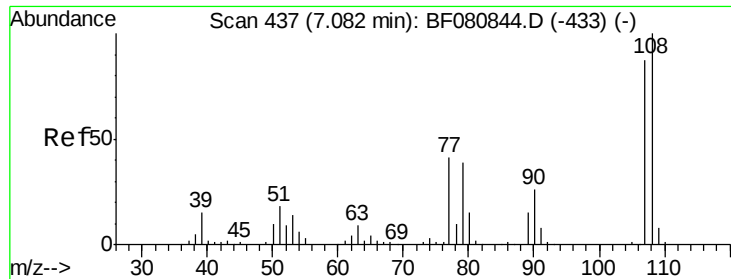
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.5

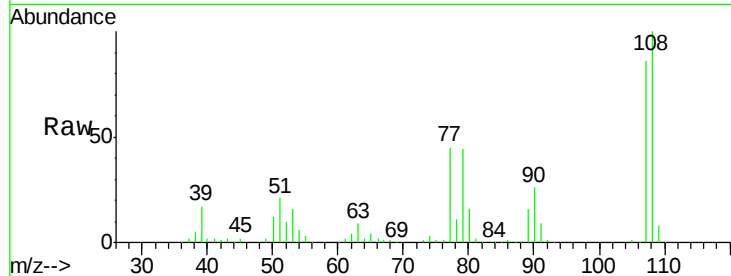
79 8.9 0.0 28.2





#17
2-Methylphenol
Concen: 32.13 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

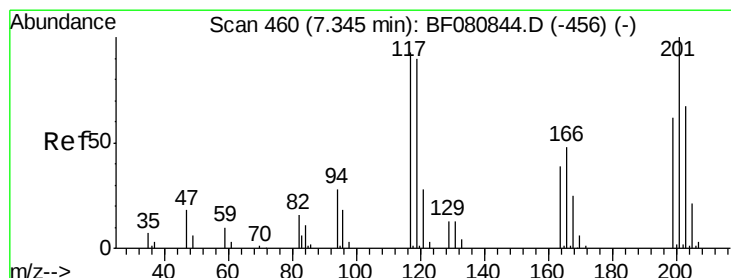
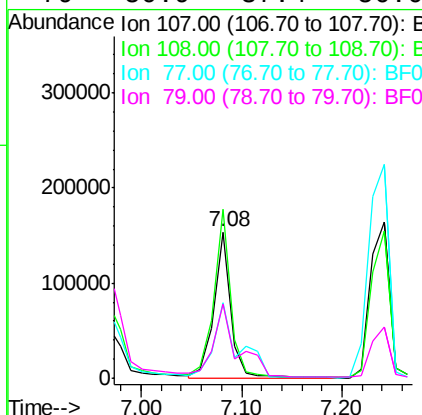
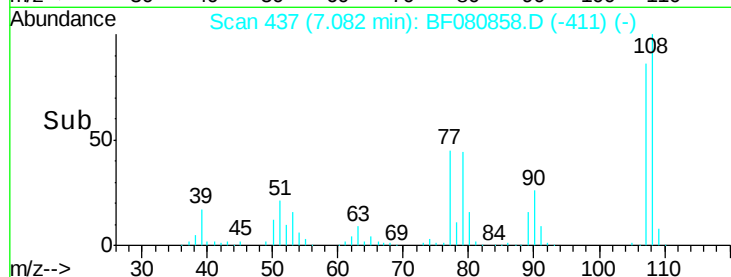
Instrument :
BNA_F
ClientSampleId :
PB84659BS



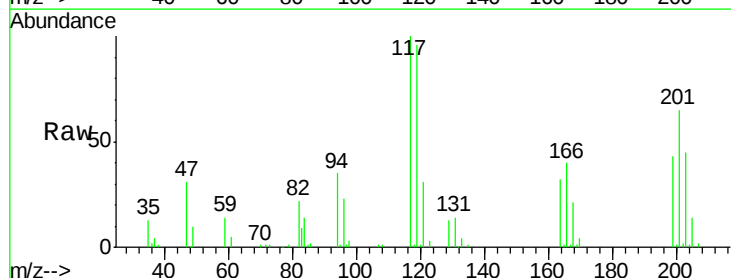
Tgt Ion:	107	Resp:	180241
Ion Ratio	Lower	Upper	
107	100		
108	116.0	91.8	137.8
77	51.8	38.2	57.2
79	50.9	37.4	56.0

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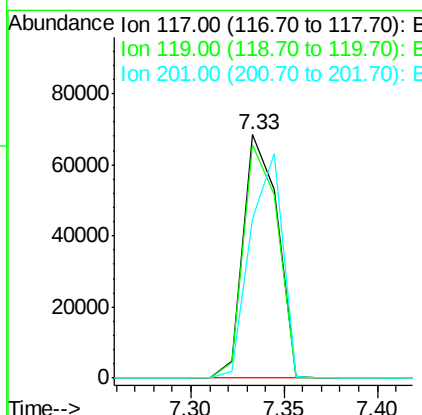
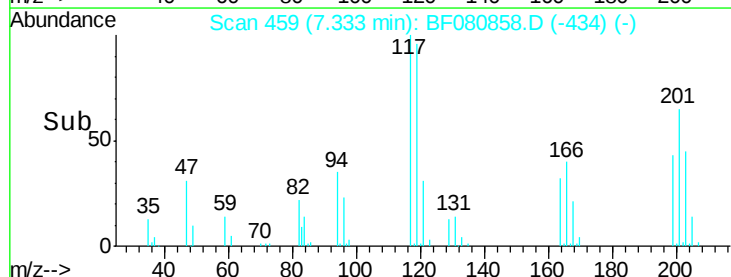
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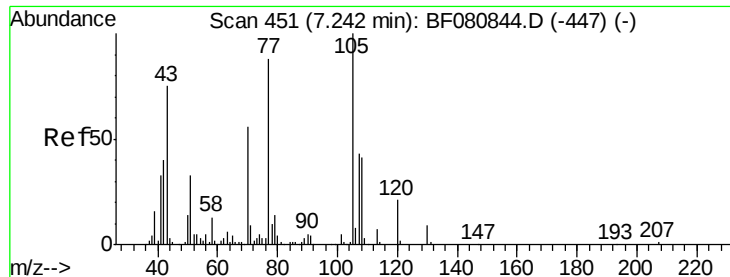


#18
Hexachloroethane
Concen: 33.23 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28



Tgt Ion:	117	Resp:	86993
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.4	116.0
201	65.5	85.8	128.6#





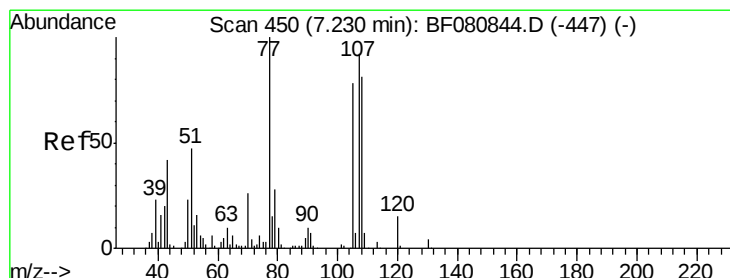
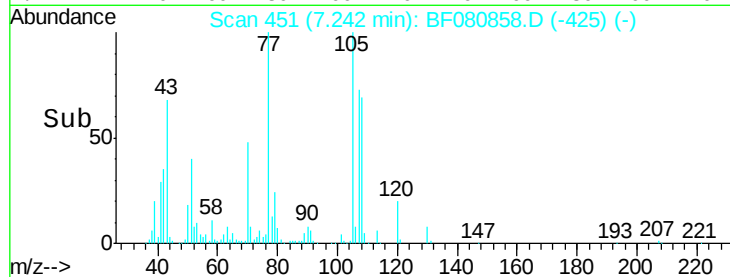
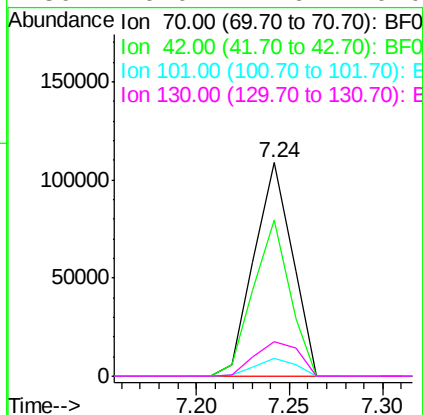
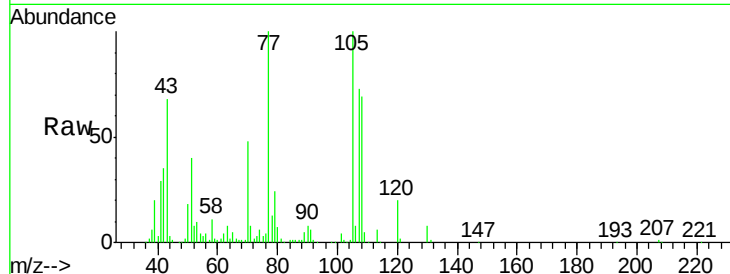
#19
n-Nitroso-di-n-propylamine
Concen: 32.12 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	155091		
42	73.1	57.8	86.8	
101	8.4	6.7	10.1	
130	16.0	12.6	19.0	

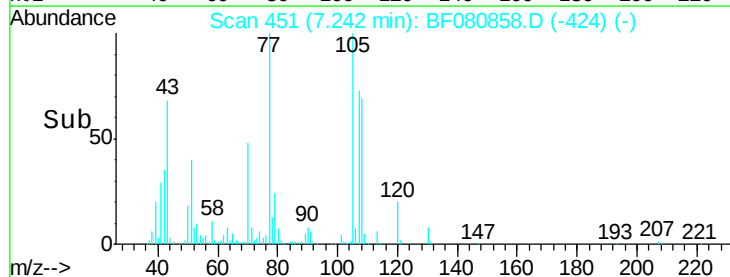
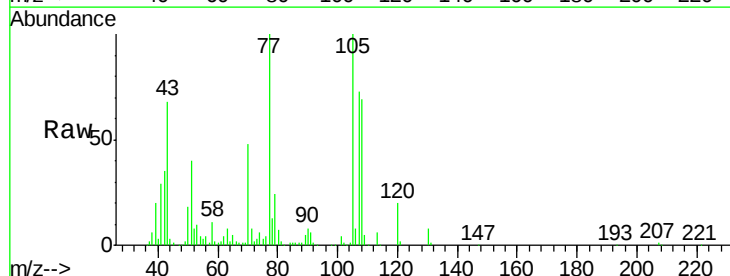
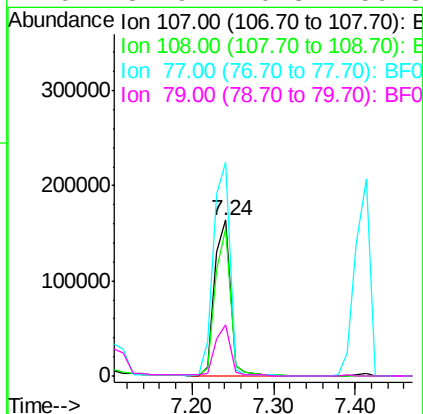
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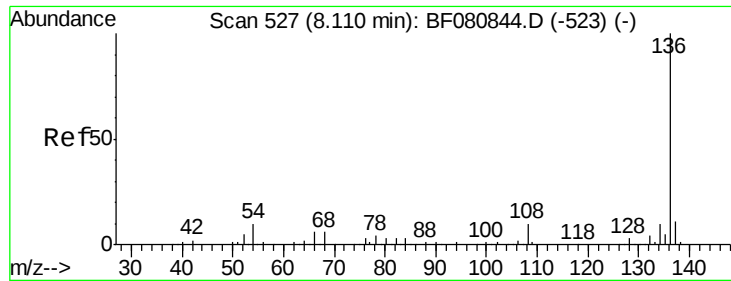
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#20
3+4-Methylphenols
Concen: 34.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	221164		
108	94.8	68.2	108.2	
77	136.9	88.5	128.5	
79	32.9	10.3	50.3	





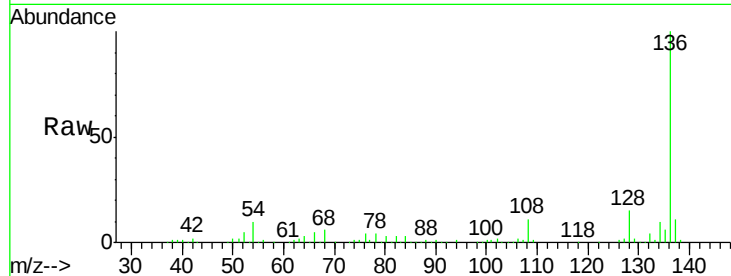
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

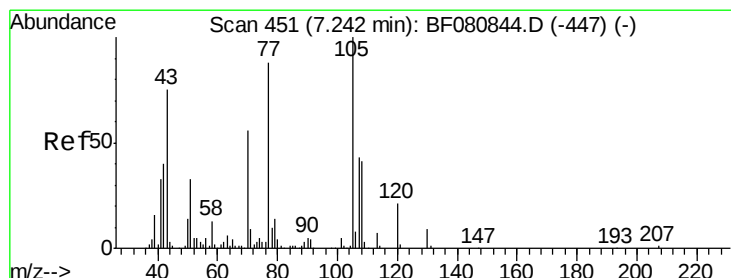
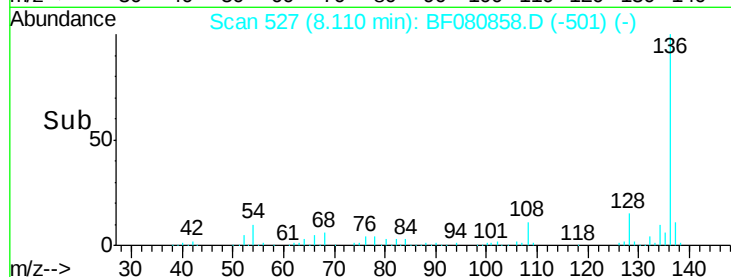
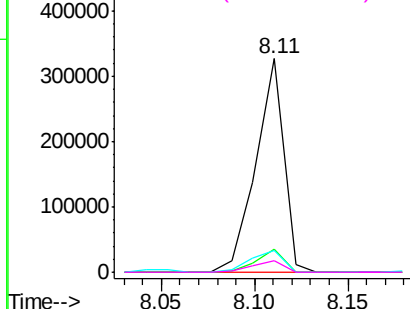
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.6	13.0
54	10.1	8.3	12.5
68	5.5	4.8	7.2

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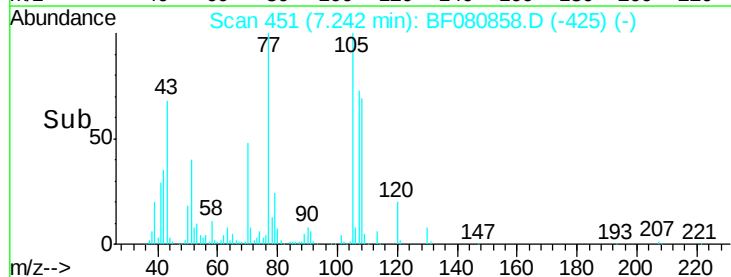
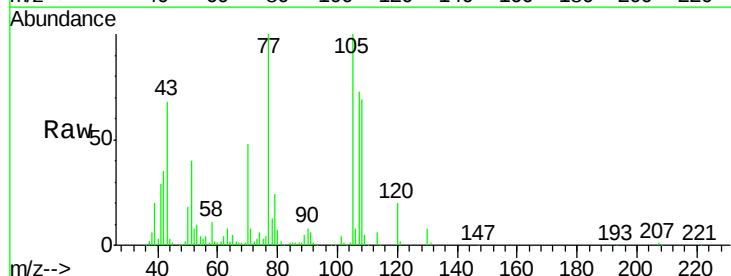
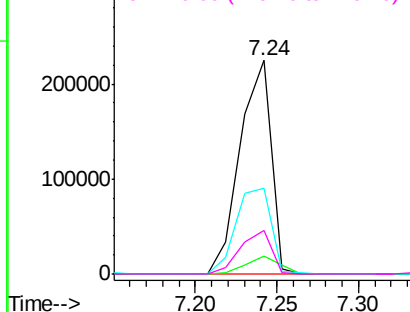
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

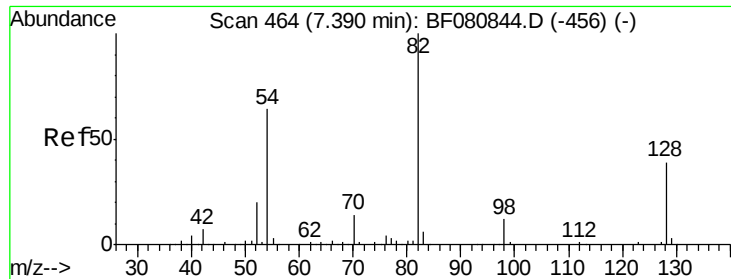


#22
Acetophenone
Concen: 35.80 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.1	7.4	11.2
51	40.3	26.5	39.7#
120	20.1	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





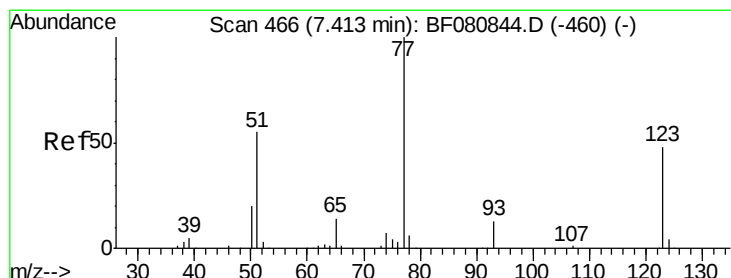
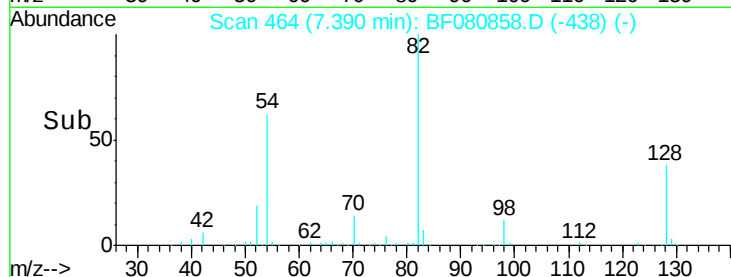
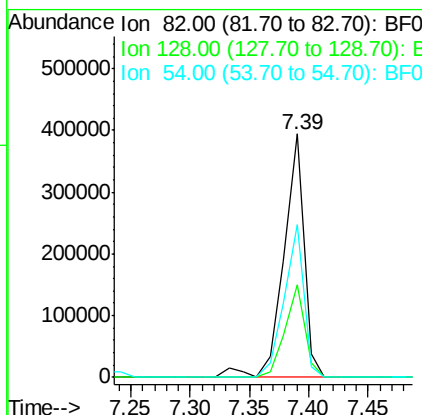
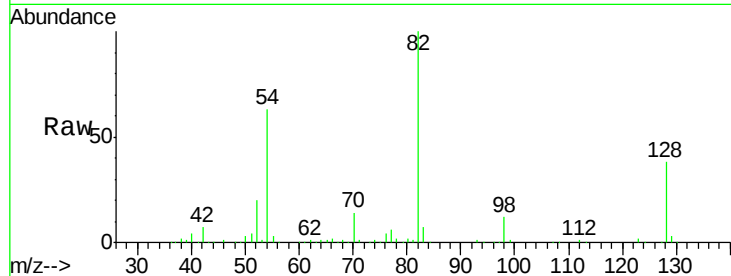
#23
 Nitrobenzene-d5
 Concen: 64.65 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	465634		
128	37.8	31.0	46.4	
54	62.6	51.0	76.6	

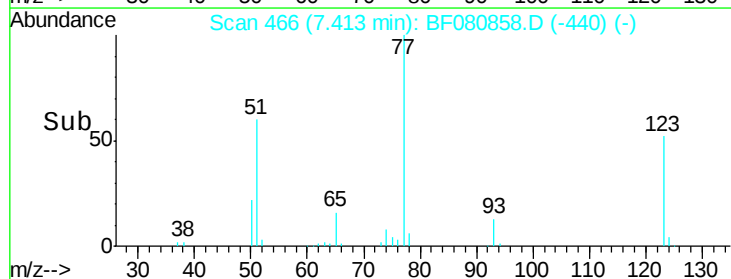
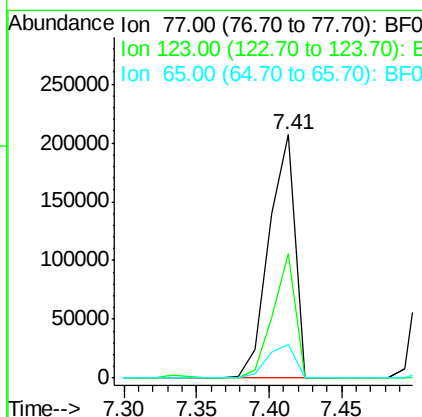
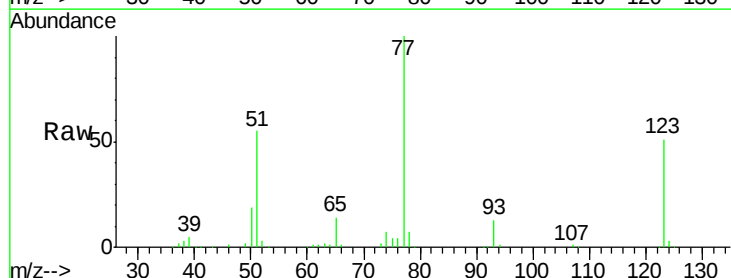
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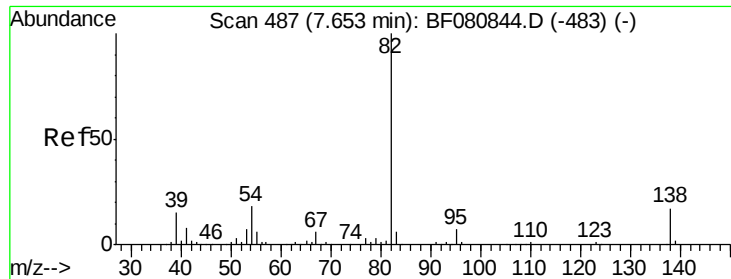
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 8/5/2015 7:01:09 PM



#24
 Nitrobenzene
 Concen: 34.21 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	255545		
123	51.1	39.7	59.5	
65	13.7	11.0	16.6	





#25

Isophorone

Concen: 35.28 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF080858.D

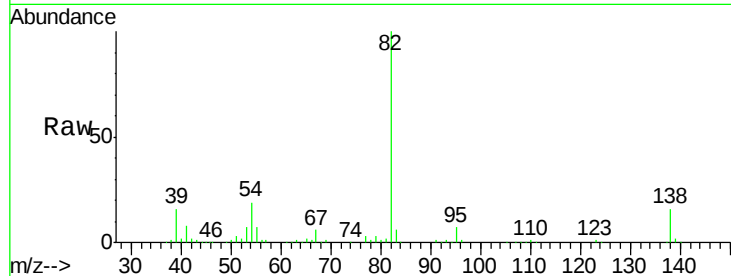
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion: 82 Resp: 450201

Ion Ratio Lower Upper

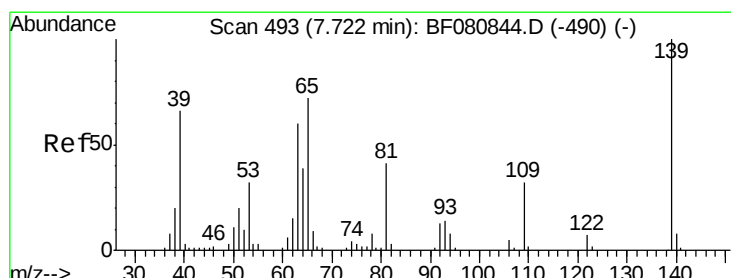
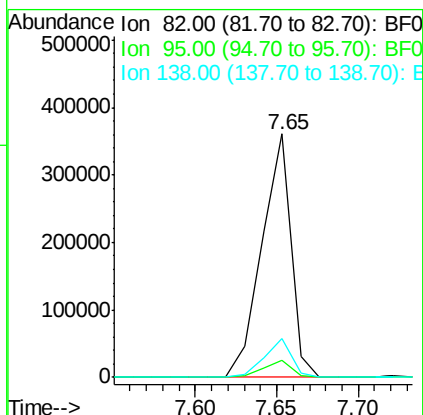
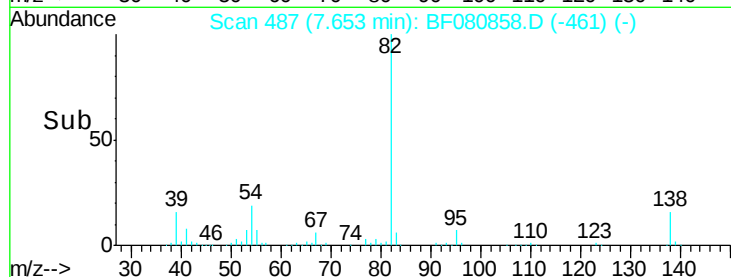
82 100

95 7.2 5.5 8.3

138 15.8 13.3 19.9

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#26

2-Nitrophenol

Concen: 32.92 ng m

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

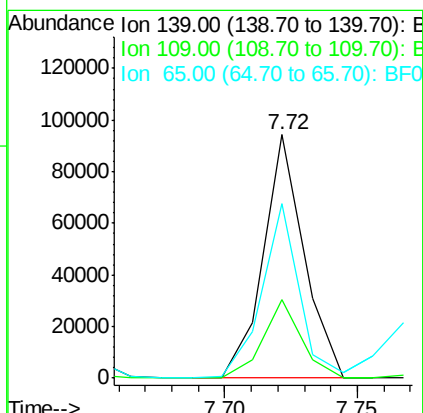
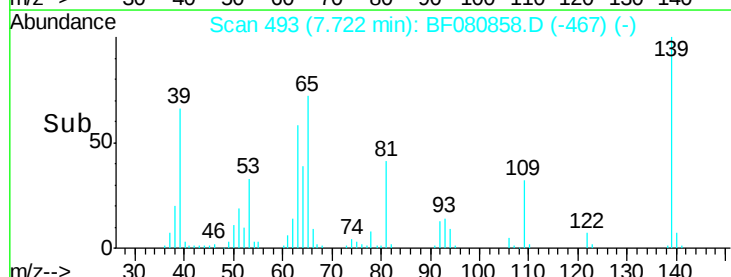
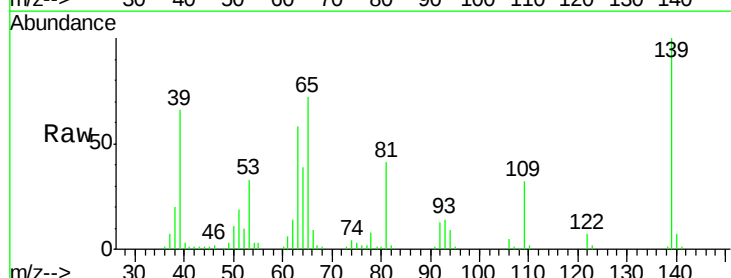
Tgt Ion: 139 Resp: 100866

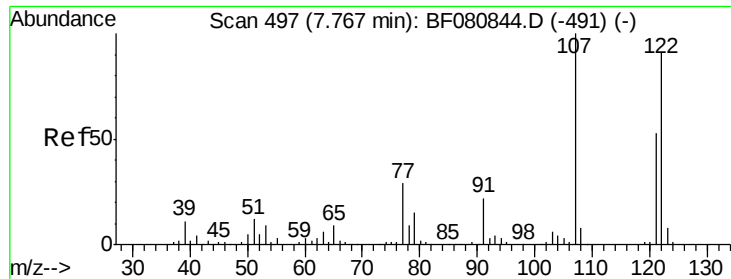
Ion Ratio Lower Upper

139 100

109 32.2 25.2 37.8

65 71.6 57.3 85.9





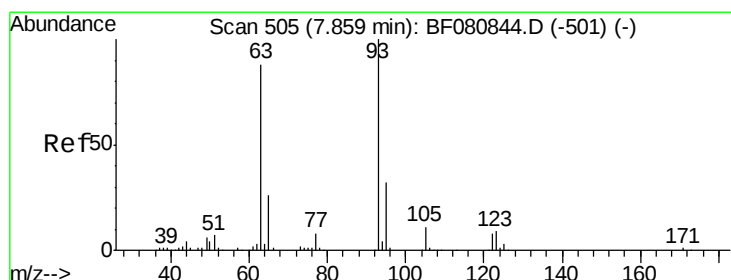
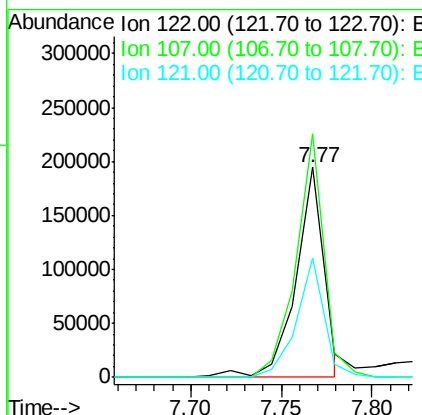
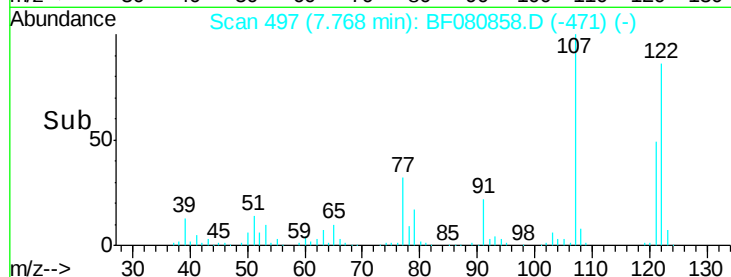
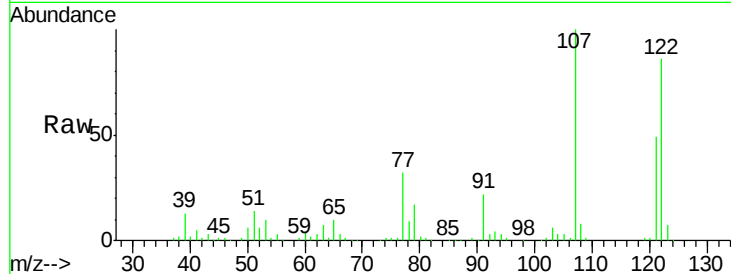
#27
 2,4-Dimethylphenol
 Concen: 36.61 ng m
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

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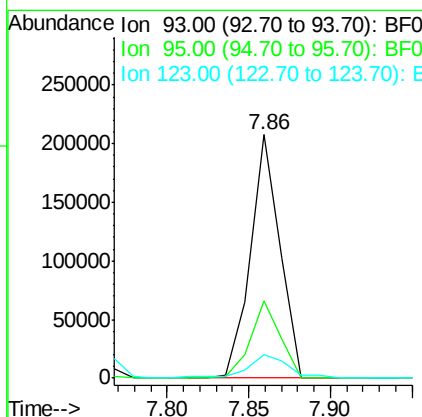
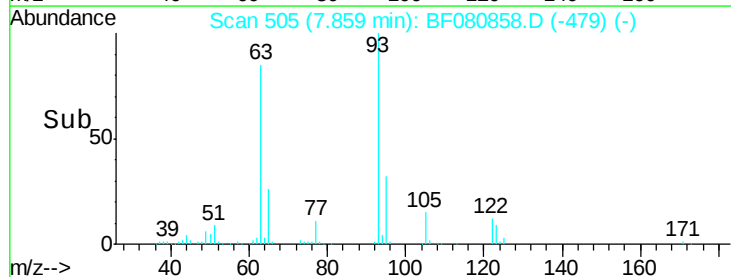
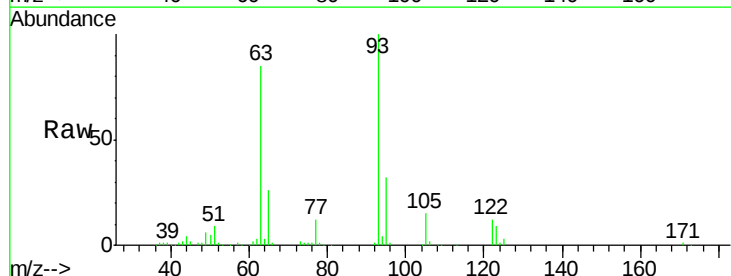
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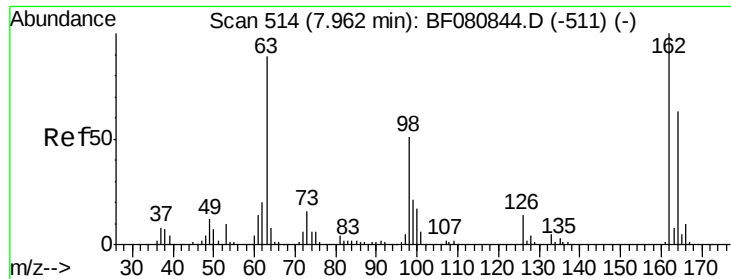
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	208908		
107	115.9	88.2	132.4	
121	57.1	46.8	70.2	



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.96 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	258706		
95	31.8	25.9	38.9	
123	9.4	7.9	11.9	





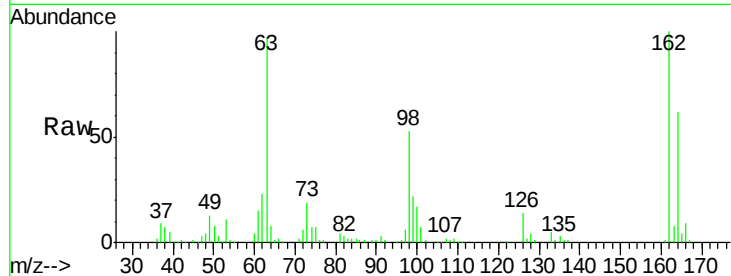
#29
2,4-Dichlorophenol
Concen: 33.73 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

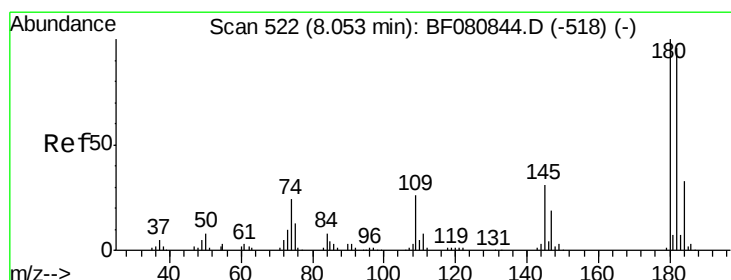
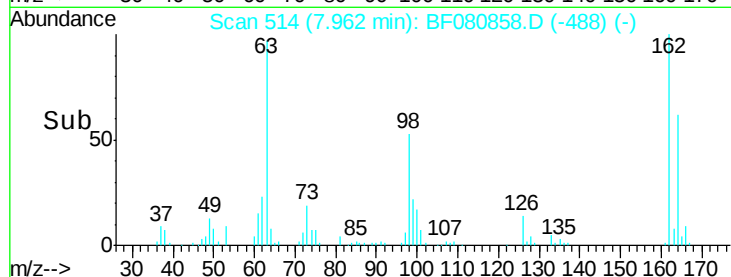
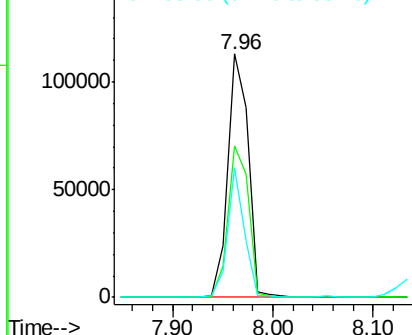
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.1	43.1	83.1
98	53.4	31.3	71.3

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8/5/2015 7:01:09 PM

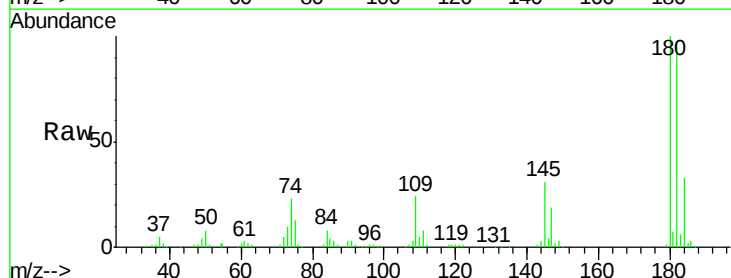


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

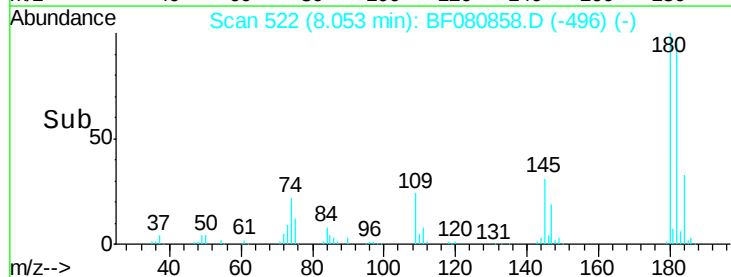
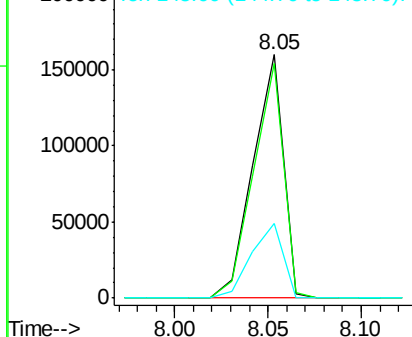


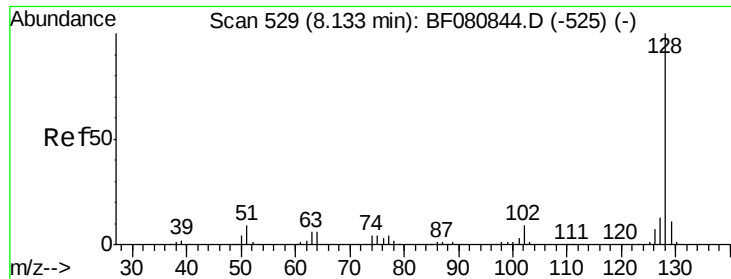
#30
1,2,4-Trichlorobenzene
Concen: 33.55 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	77.0	115.4
145	30.7	25.1	37.7



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





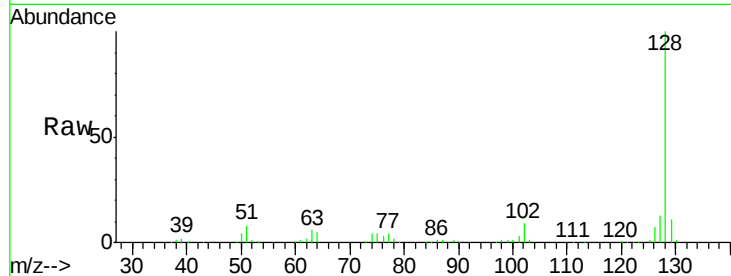
#31
Naphthalene
Concen: 33.95 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

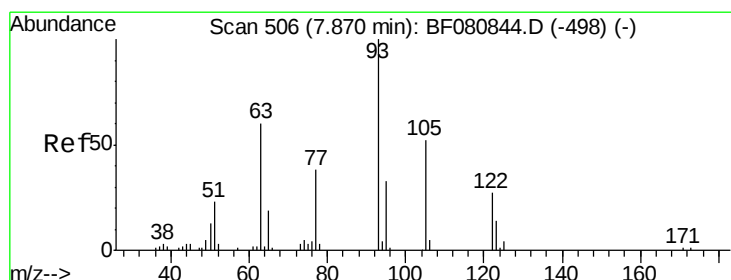
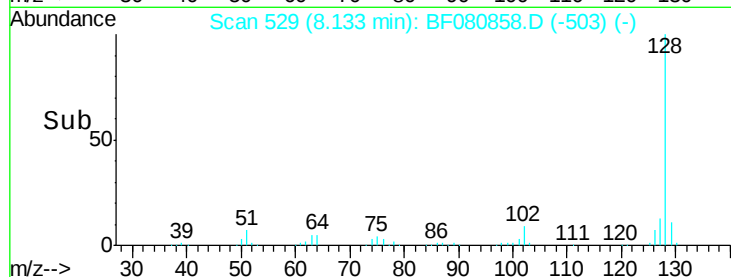
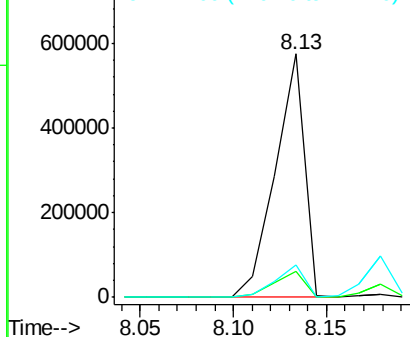
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.6	15.8

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8/5/2015 7:01:09 PM

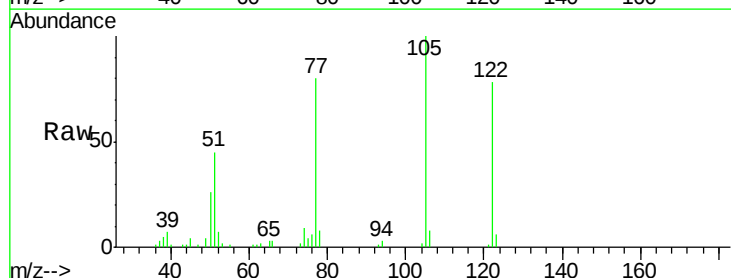


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

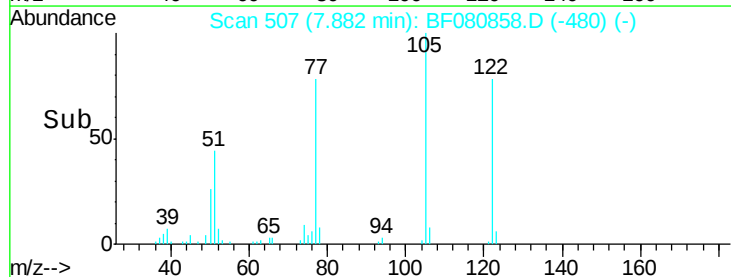
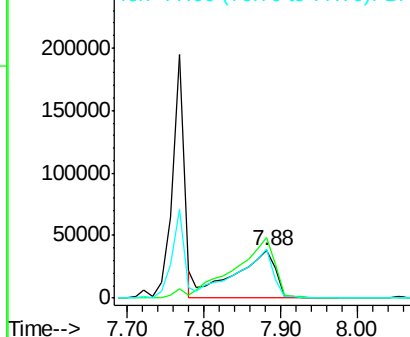


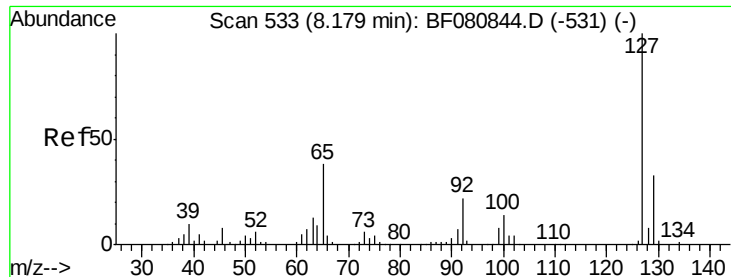
#32
Benzoic acid
Concen: 37.59 ng m
RT: 7.88 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.4	110.1	150.1
77	102.4	83.6	123.6



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





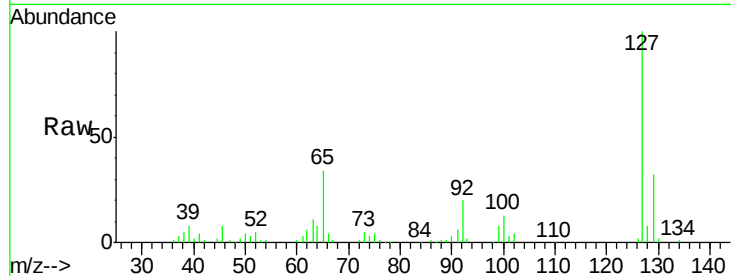
#33
4-Chloroaniline
Concen: 14.02 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

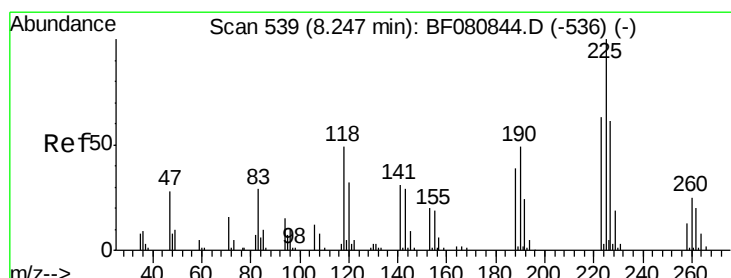
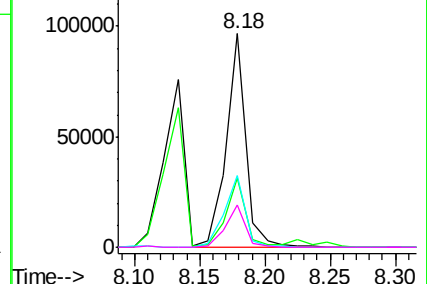
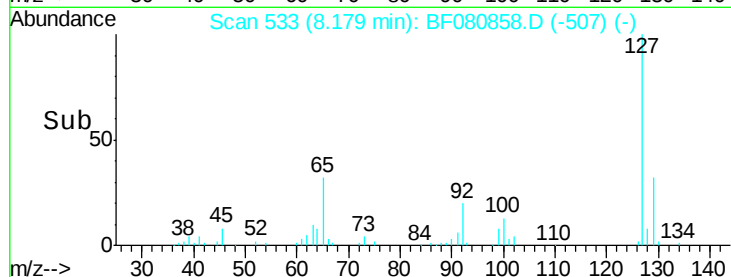
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.1	26.2	39.2
65	33.8	30.3	45.5
92	19.6	17.3	25.9

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8/5/2015 7:01:09 PM

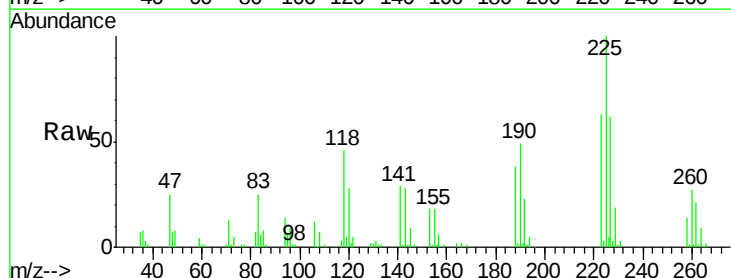


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

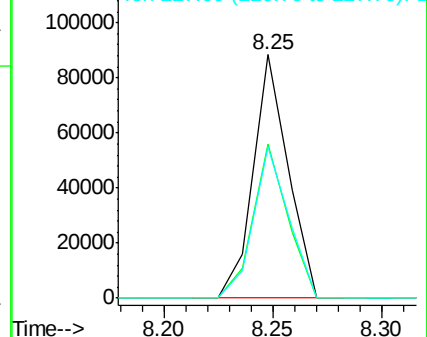
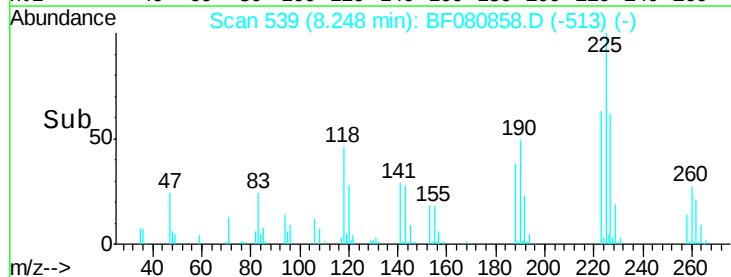


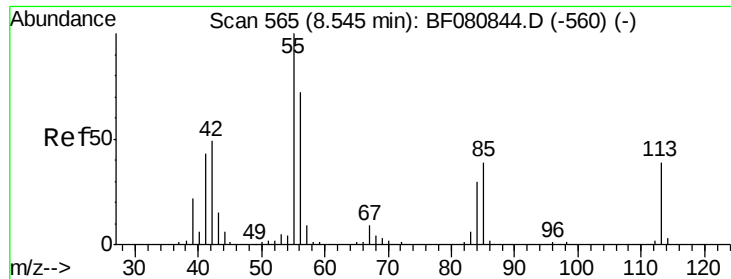
#34
Hexachlorobutadiene
Concen: 32.23 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.1	50.0	75.0
227	62.2	48.5	72.7



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





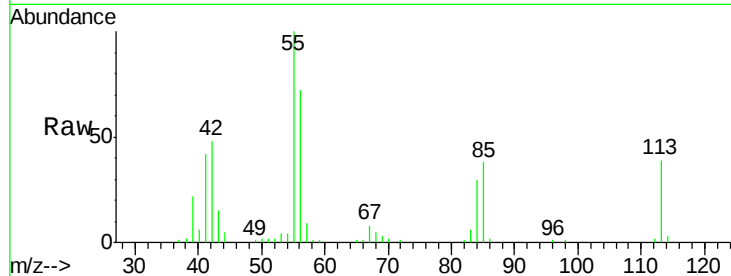
#35
 Caprolactam
 Concen: 36.99 ng m
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

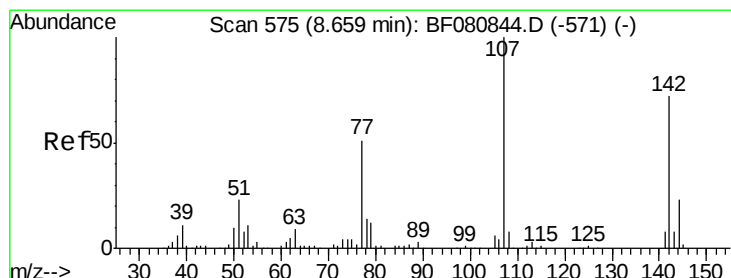
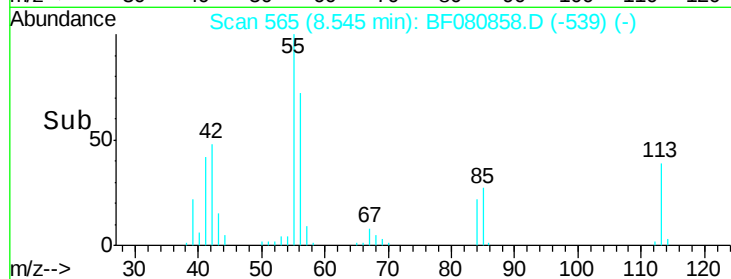
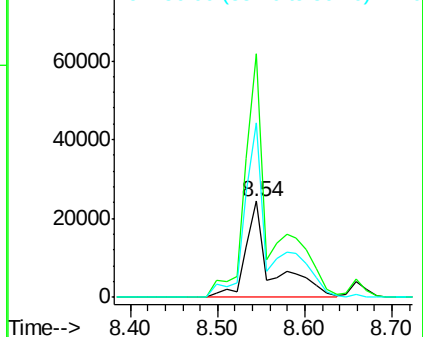
Tgt Ion	Ratio	Lower	Upper
113	100		
55	253.8	236.2	276.2
56	181.6	165.2	205.2

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 8/5/2015 7:01:09 PM

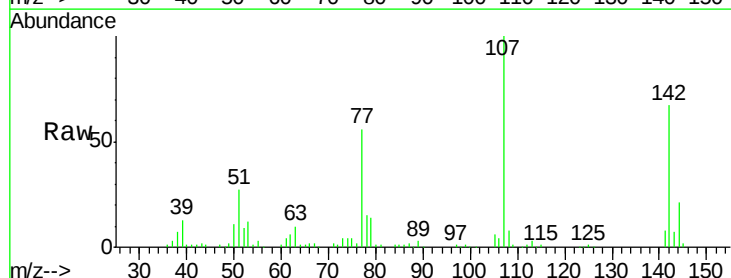


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

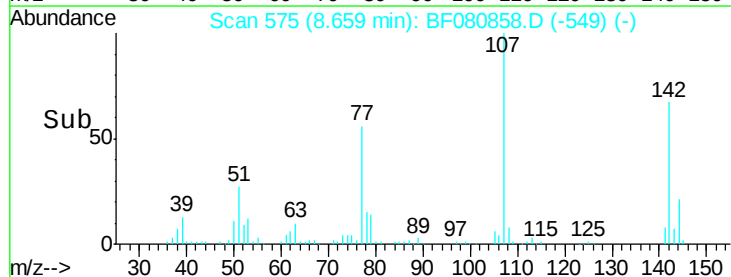
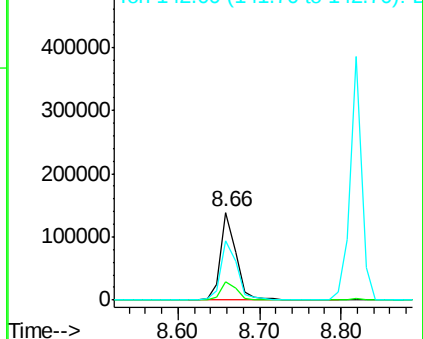


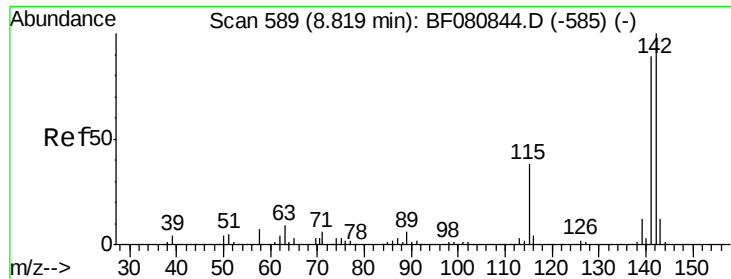
#36
 4-Chloro-3-methylphenol
 Concen: 35.56 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.3	18.3	27.5
142	67.4	57.8	86.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





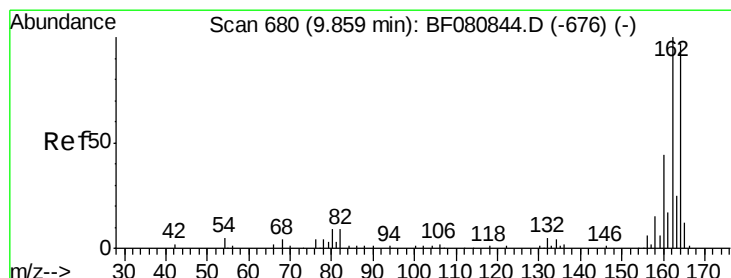
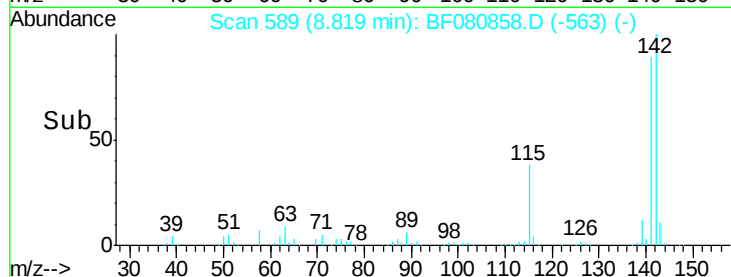
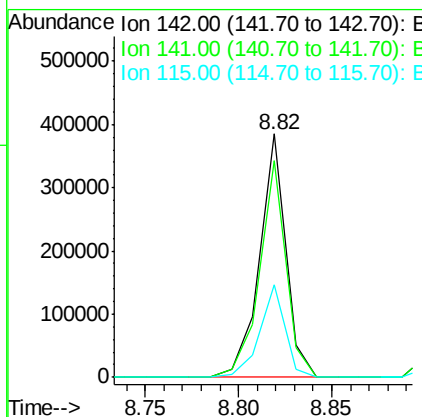
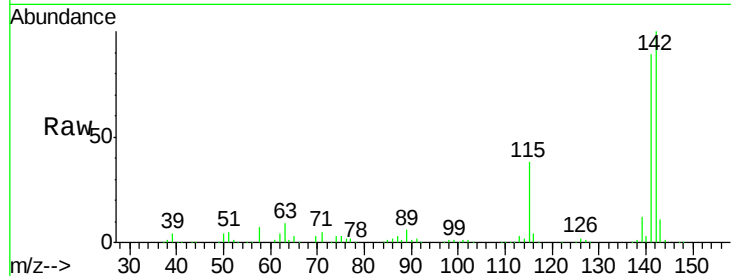
#37
 2-Methylnaphthalene
 Concen: 33.74 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	373837		
141	89.3	71.5	107.3	
115	38.2	30.5	45.7	

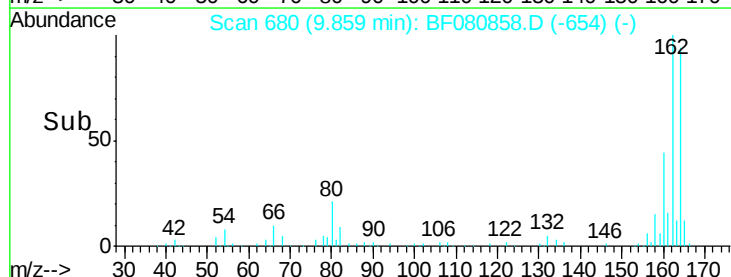
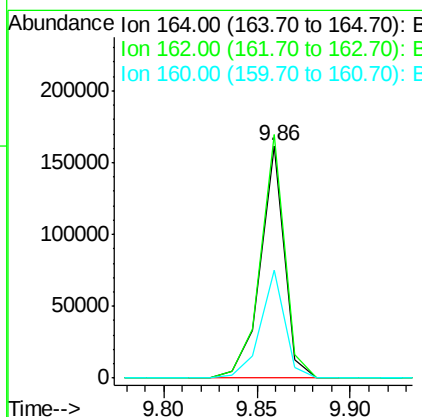
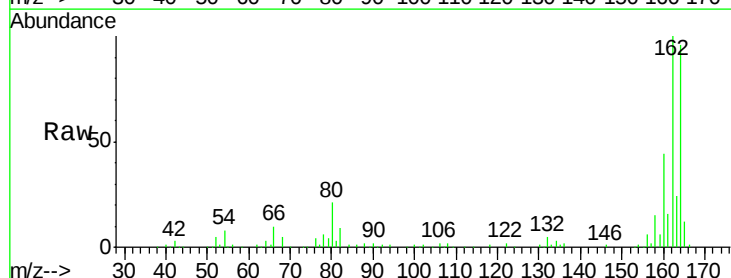
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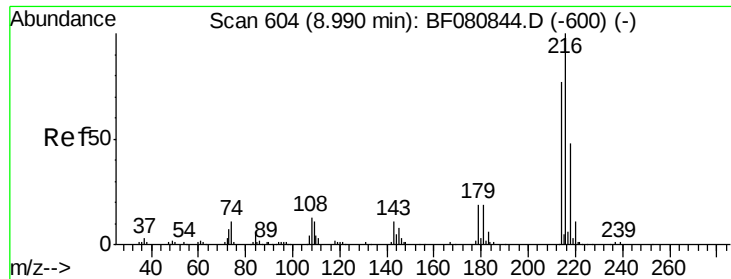
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145341		
162	104.7	82.9	124.3	
160	46.5	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.24 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

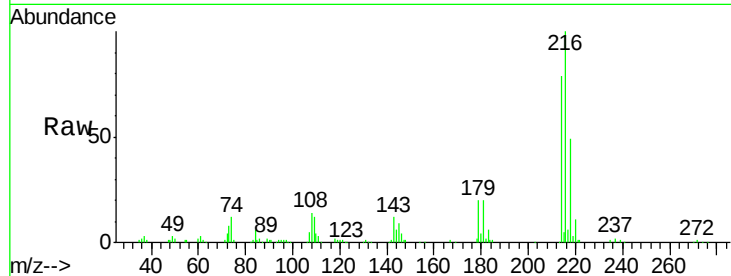
ClientSampleId :

PB84659BS

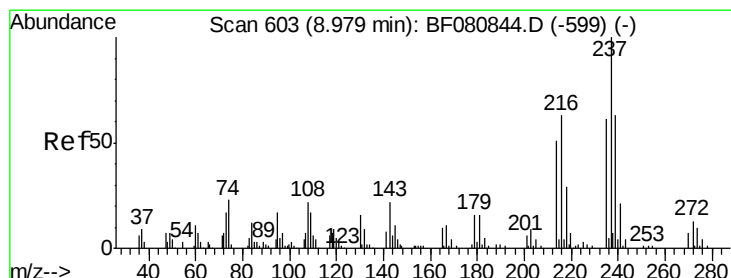
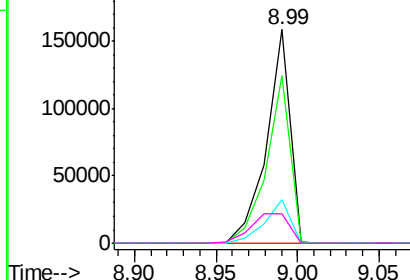
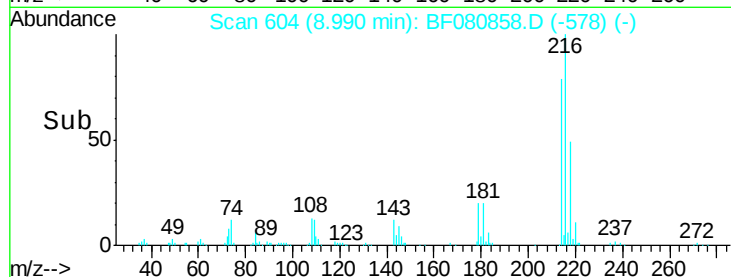
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8/5/2015 7:01:09 PM

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		159914		
214	78.8	62.1	93.1		
179	21.8	17.0	25.6		
108	22.6	16.5	24.7		



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



#40

Hexachlorocyclopentadiene

Concen: 70.69 ng

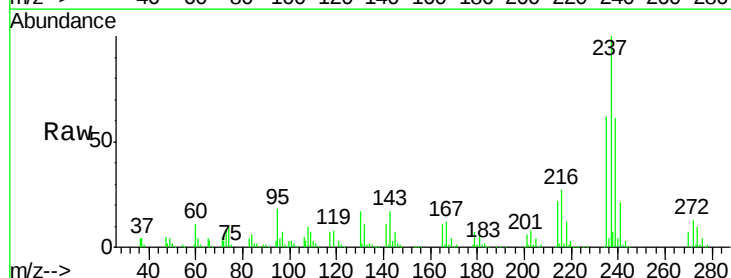
RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

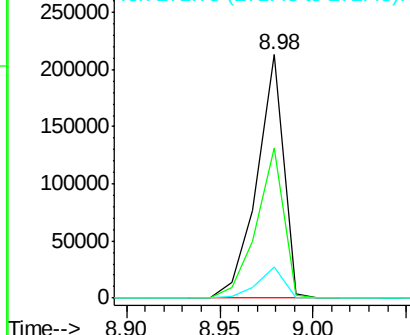
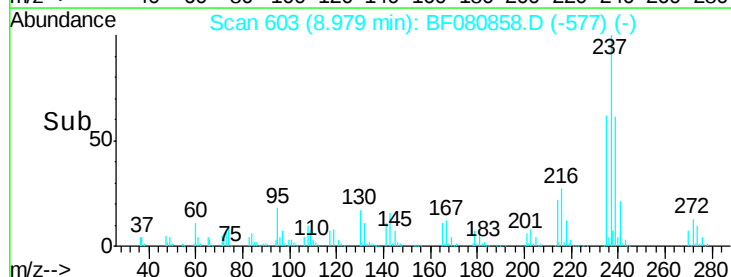
Lab File: BF080858.D

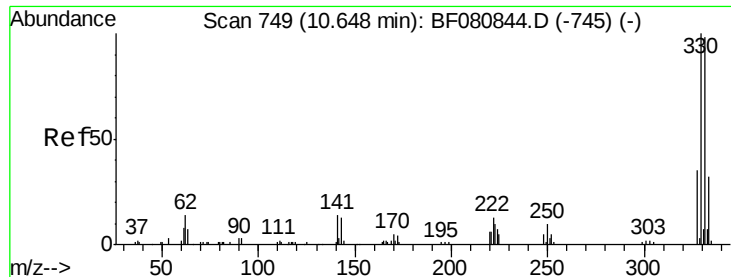
Acq: 5 Aug 2015 1:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		210540		
235	61.8	40.9	80.9		
272	12.5	0.0	33.1		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





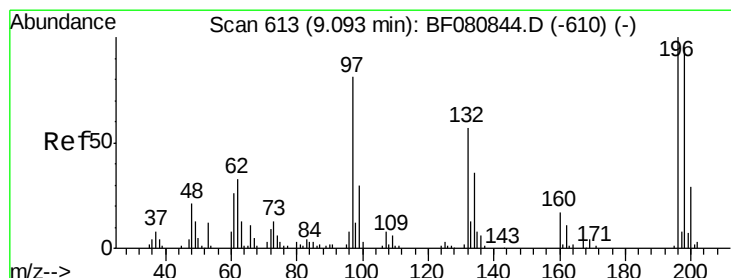
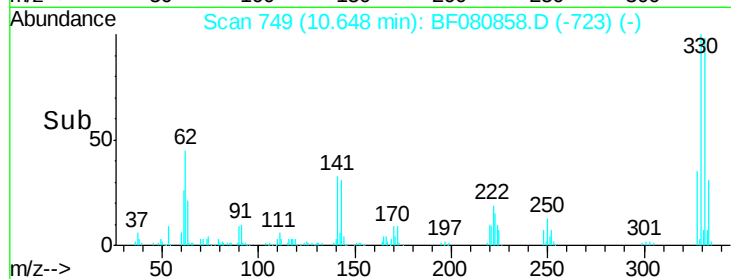
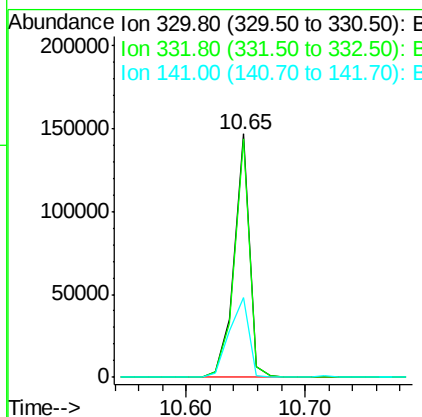
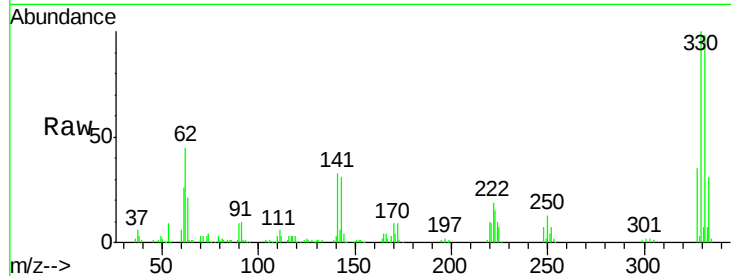
#41
 2,4,6-Tribromophenol
 Concen: 94.89 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	132992		
332	97.4	77.8	116.8	
141	41.1	28.4	42.6	

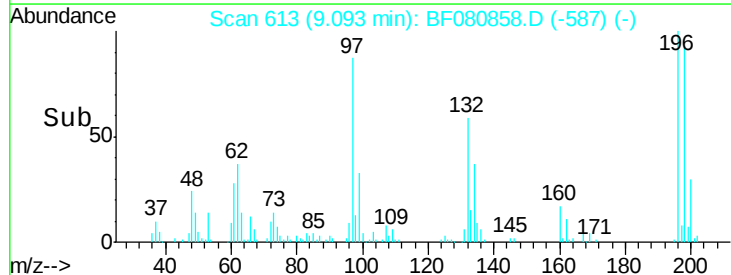
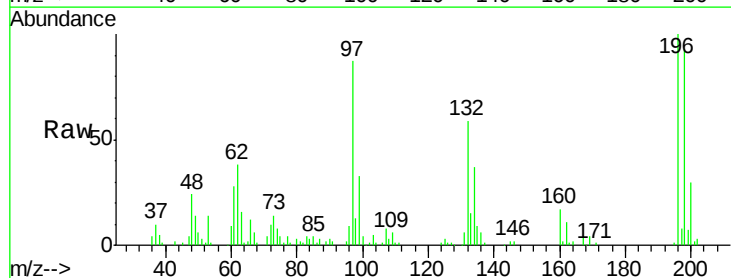
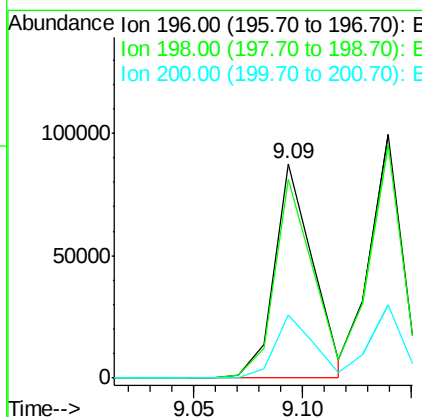
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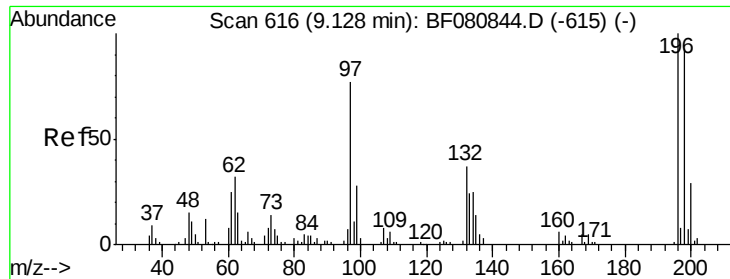
MMDadoda
 8/5/2015 7:01:09 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

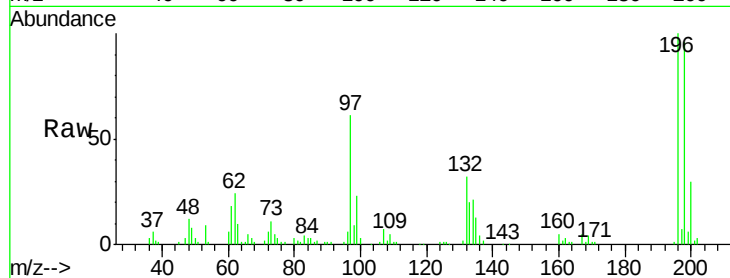
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108543		
198	92.8	76.4	114.6	
200	29.6	23.1	34.7	





#43
 2,4,5-Trichlorophenol
 Concen: 31.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

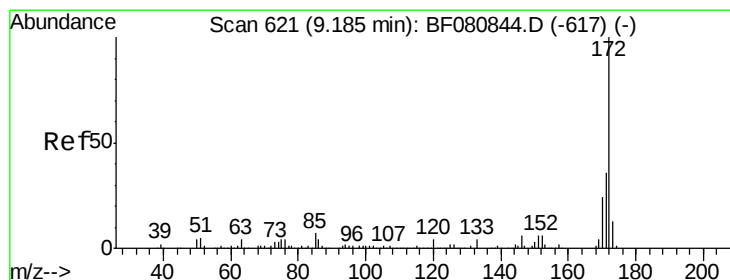
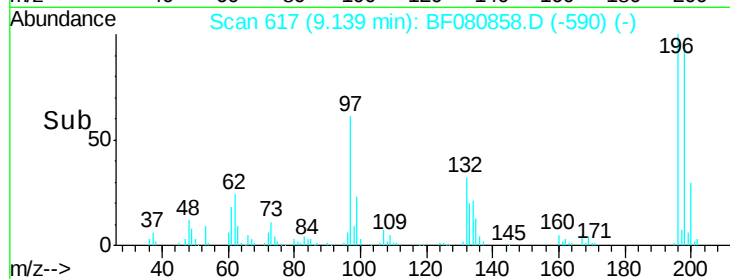
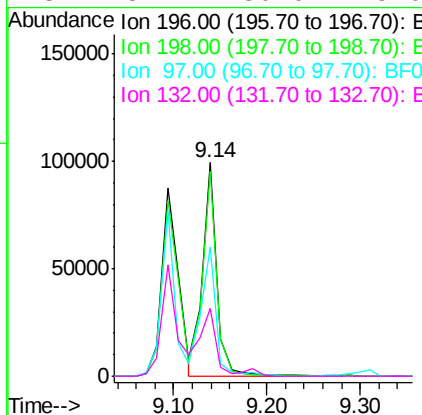
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107584		
198	95.9	74.2	111.4	
97	60.6	63.0	94.6#	
132	31.7	30.0	45.0	

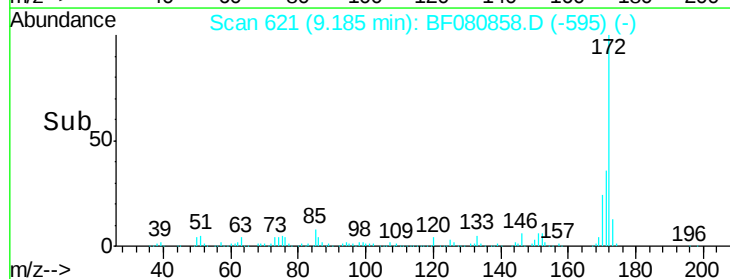
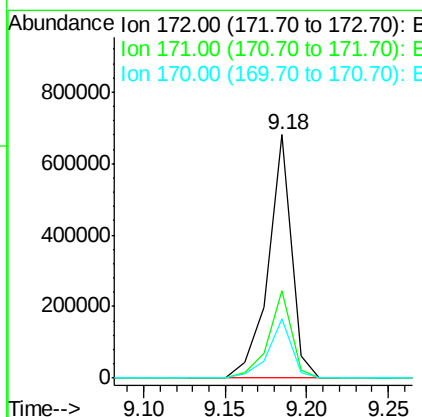
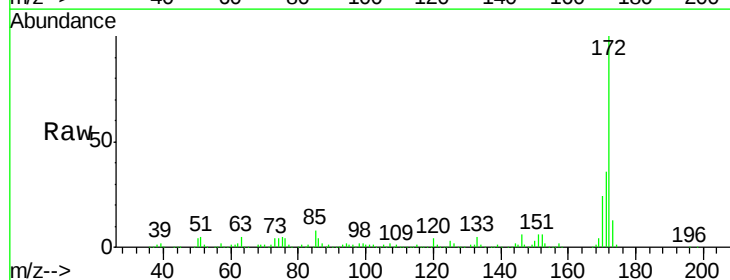
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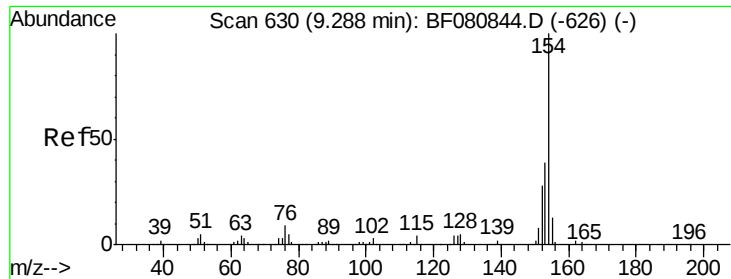
MMDadoda
 8/5/2015 7:01:09 PM



#44
 2-Fluorobiphenyl
 Concen: 62.58 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	675451		
171	36.1	28.9	43.3	
170	24.4	19.4	29.2	





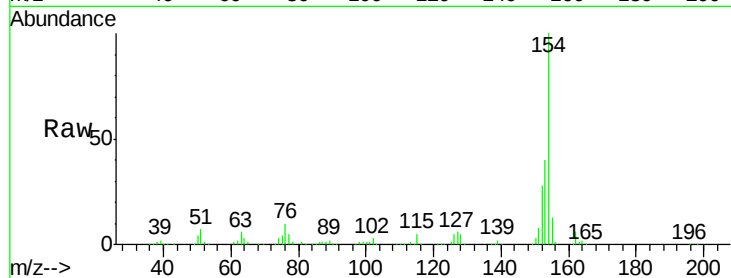
#45
 1,1'-Biphenyl
 Concen: 34.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

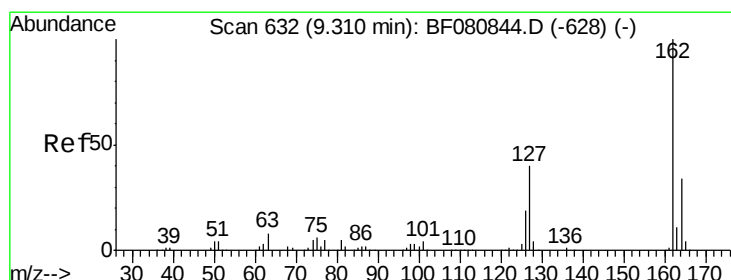
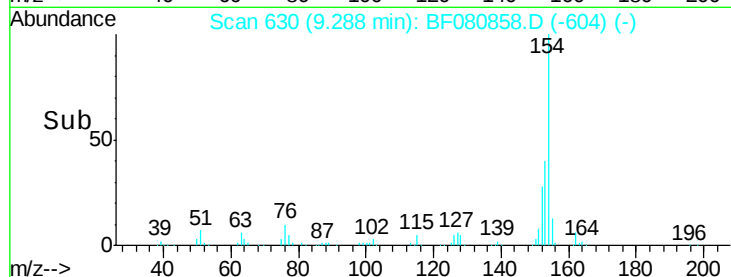
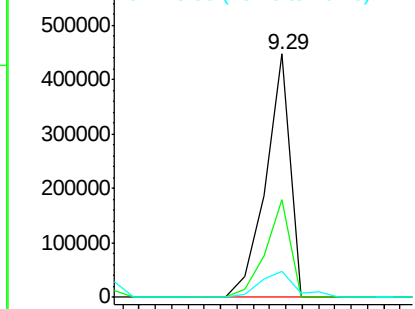
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.2	19.2	59.2
76	10.4	0.0	29.3

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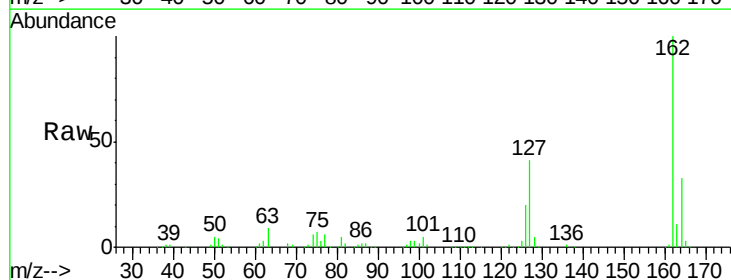


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

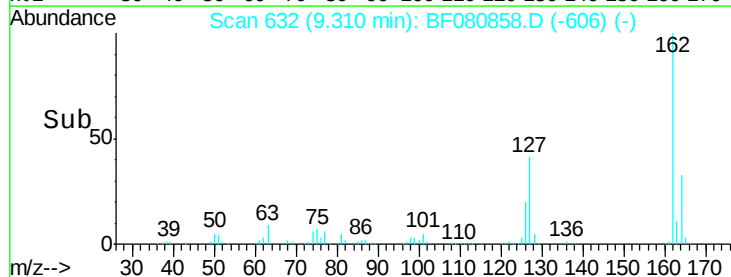
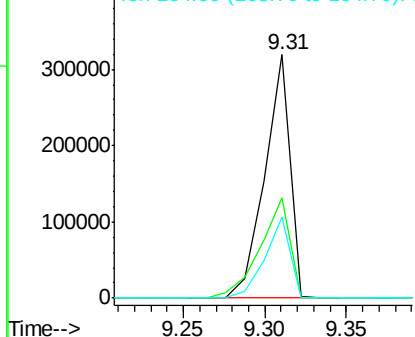


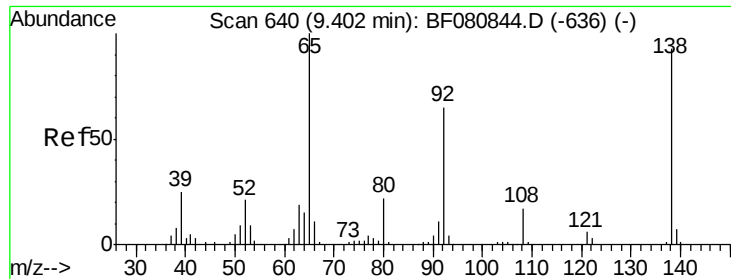
#46
 2-Chloronaphthalene
 Concen: 33.06 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.1	31.9	47.9
164	33.5	26.8	40.2



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





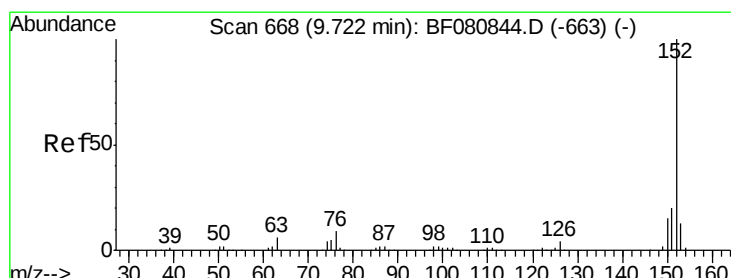
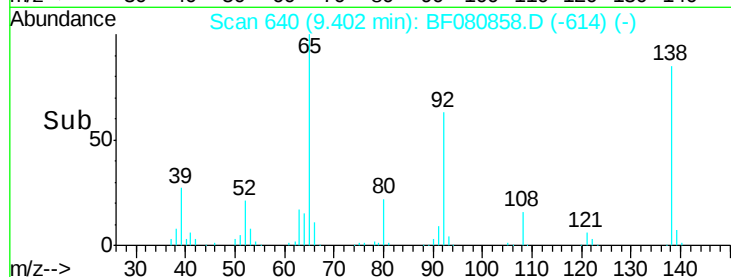
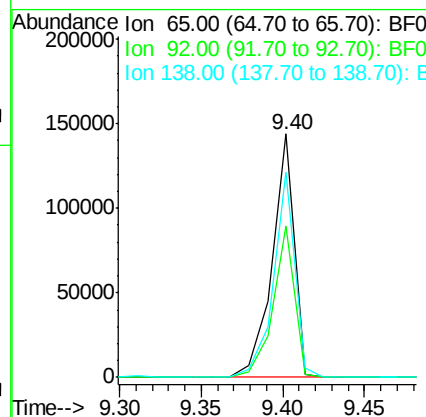
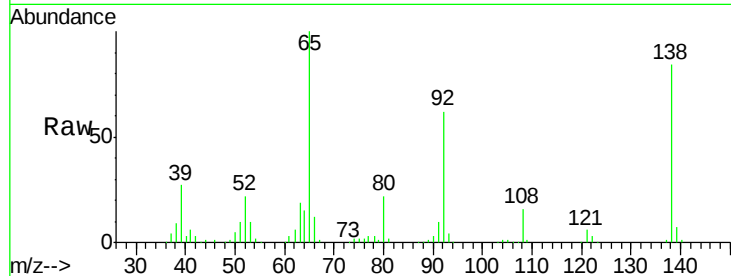
#47
2-Nitroaniline
Concen: 35.85 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	136004		
92	62.3	51.7	77.5	
138	84.4	74.2	111.2	

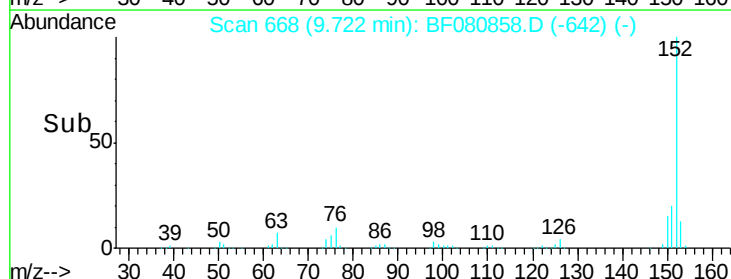
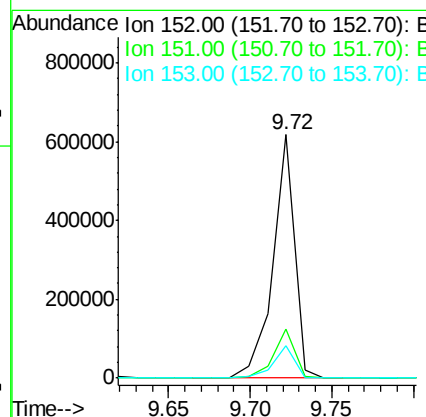
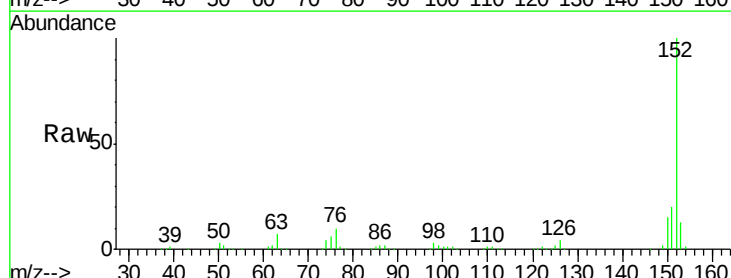
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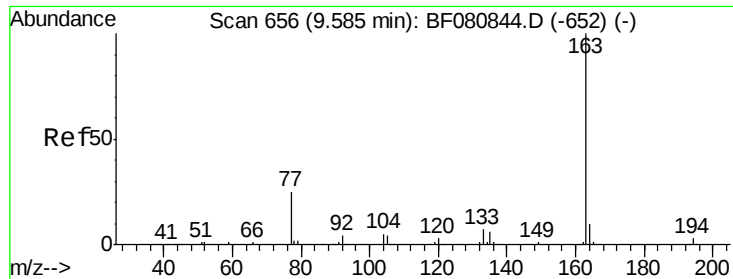
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#48
Acenaphthylene
Concen: 33.38 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	572307		
151	20.4	16.2	24.4	
153	13.5	10.6	15.8	





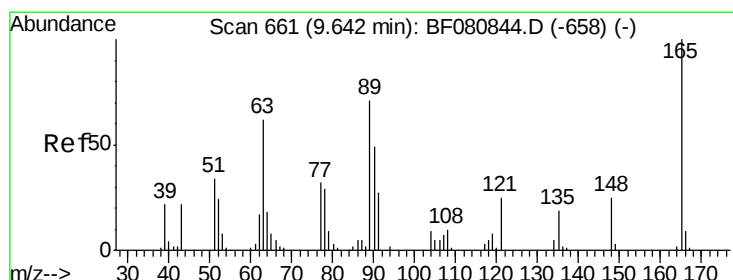
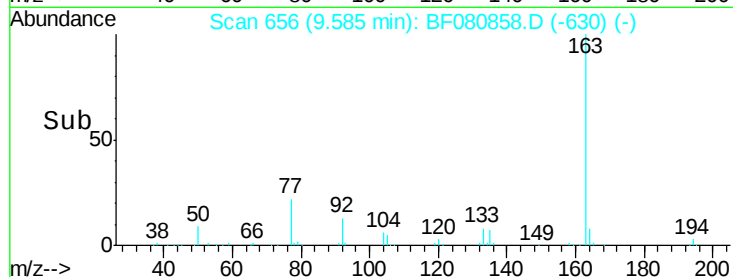
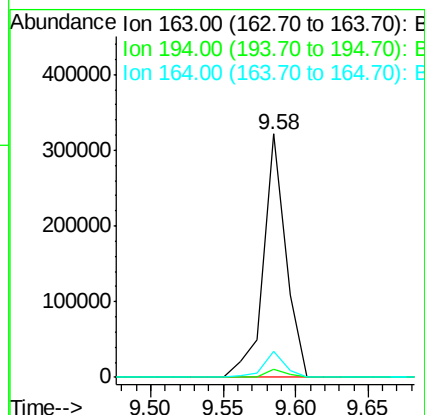
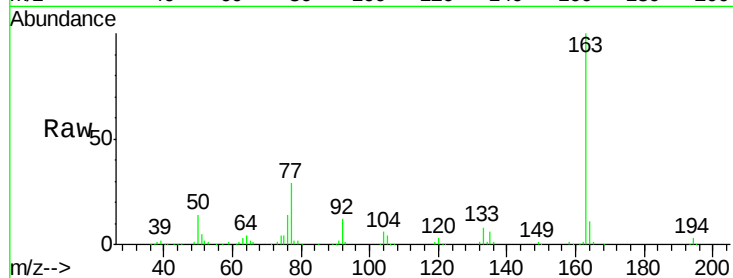
#49
Dimethylphthalate
Concen: 32.45 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.2	12.4

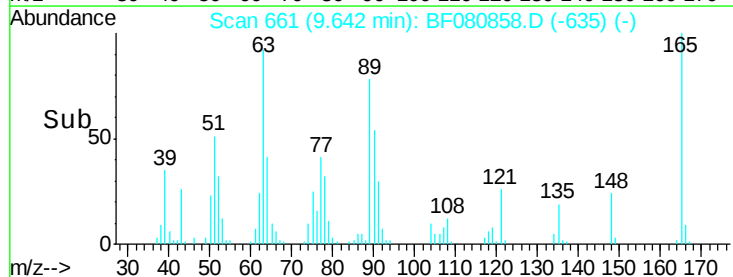
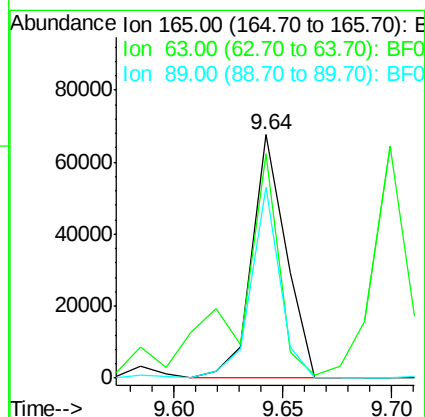
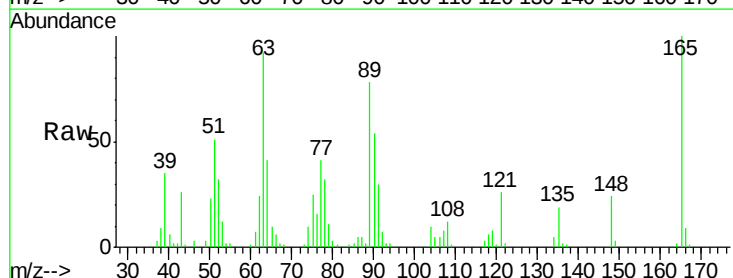
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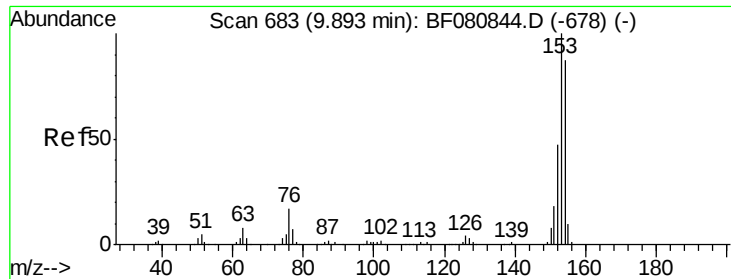
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#50
2,6-Dinitrotoluene
Concen: 33.20 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	92.1	65.0	97.6
89	78.4	56.6	85.0





#51

Acenaphthene

Concen: 37.60 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

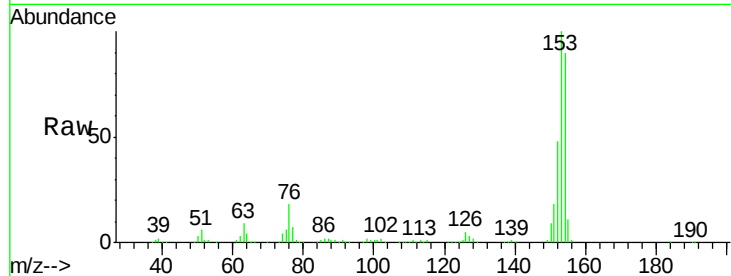
ClientSampleId :

PB84659BS

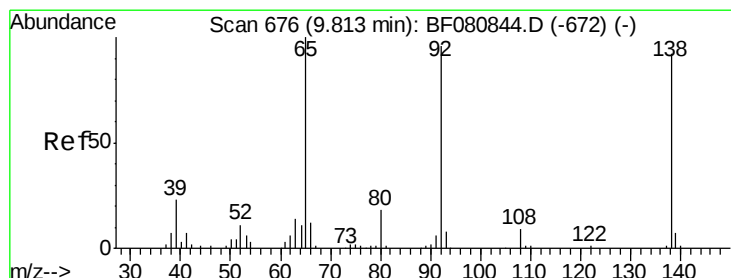
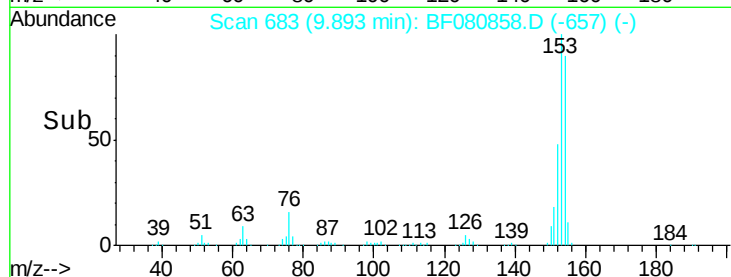
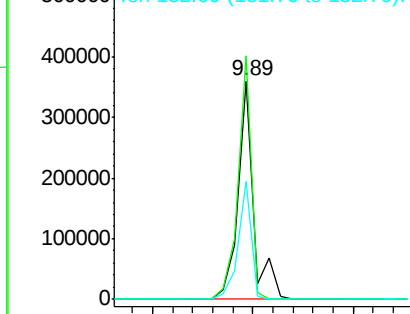
Tgt Ion:	154	Resp:	387606
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.8	137.6
152	54.1	43.2	64.8

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



#52

3-Nitroaniline

Concen: 20.30 ng

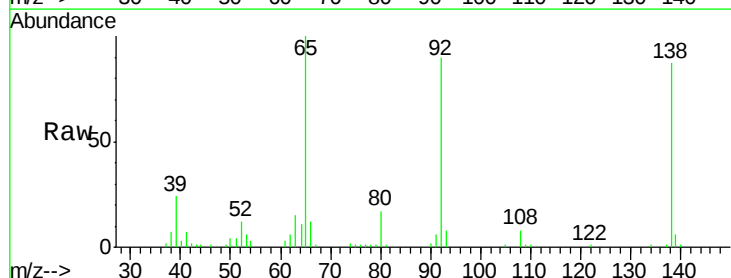
RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

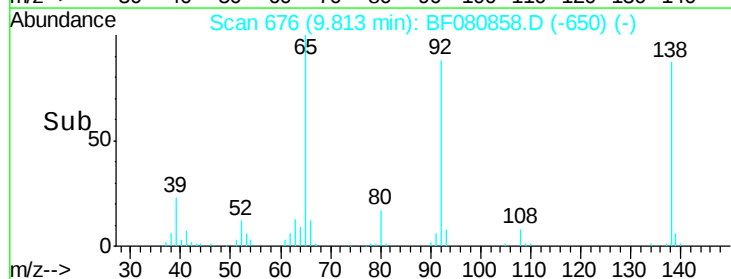
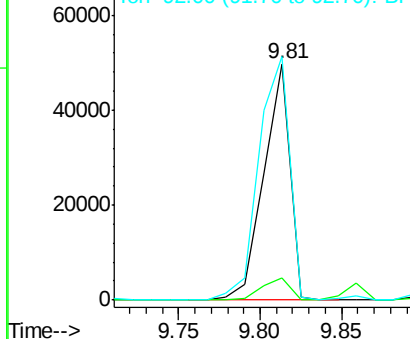
Lab File: BF080858.D

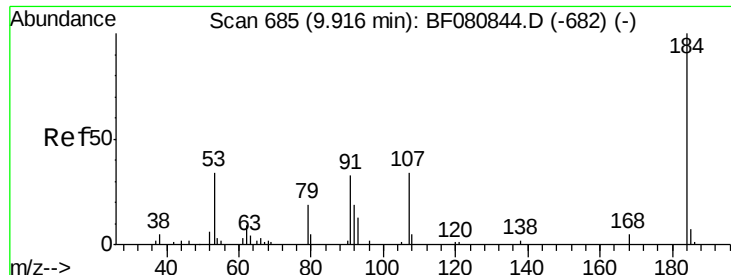
Acq: 5 Aug 2015 1:28

Tgt Ion:	138	Resp:	55579
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.9	11.9
92	102.9	83.7	125.5



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





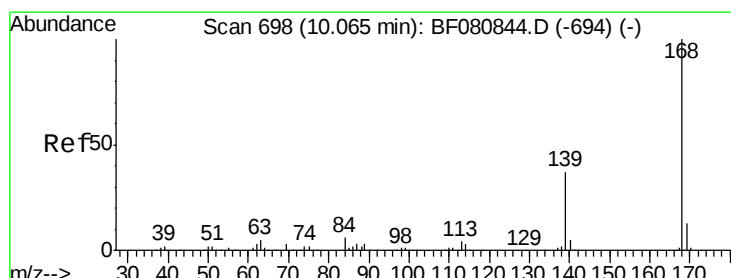
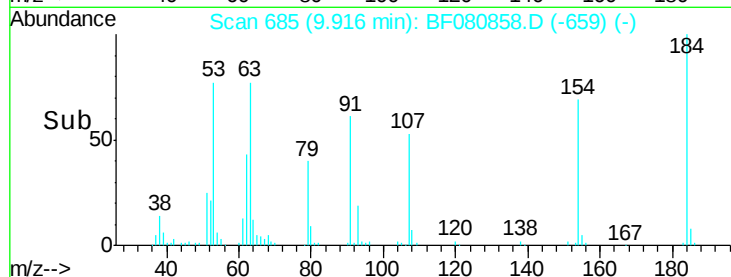
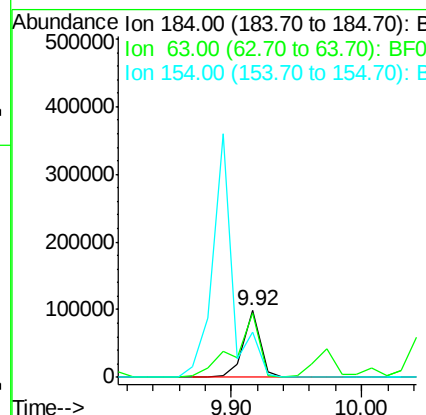
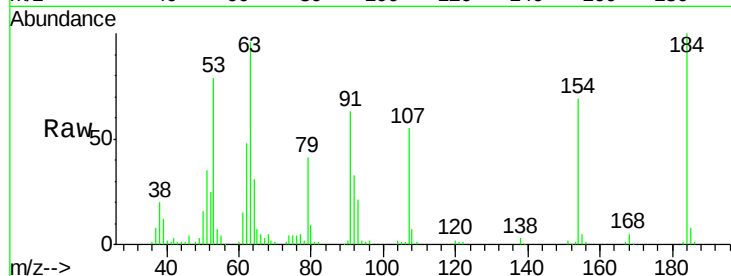
#53
 2,4-Dinitrophenol
 Concen: 61.45 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	96.4	33.8	50.6#
154	68.7	44.2	66.2#

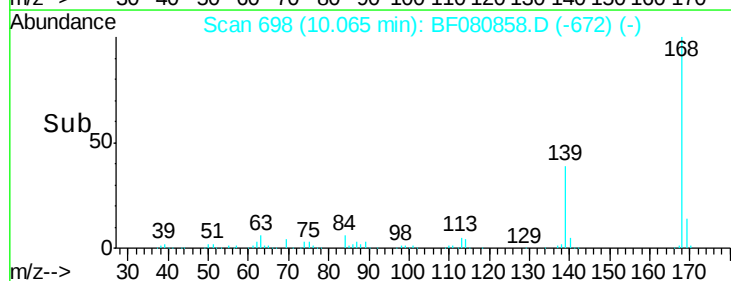
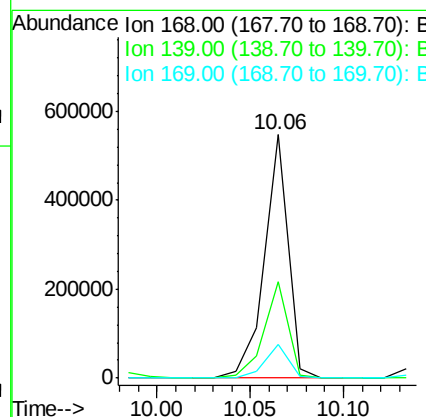
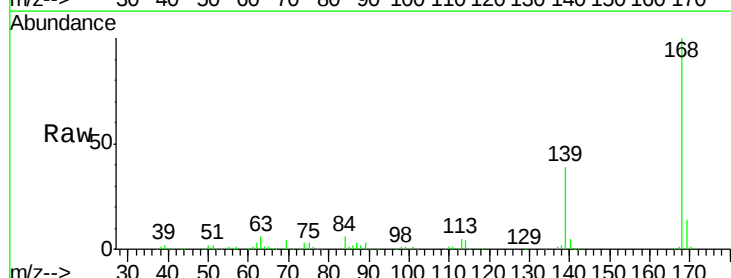
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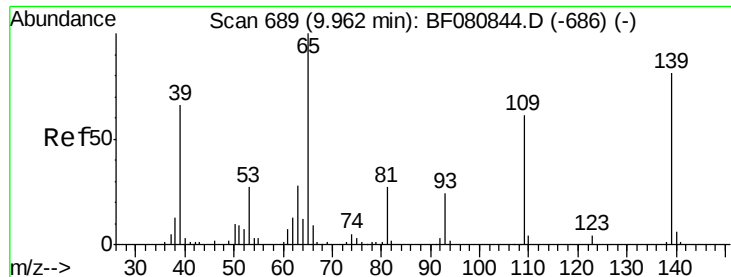
MMDadoda
 8/5/2015 7:01:09 PM



#54
 Dibenzofuran
 Concen: 34.83 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	39.5	30.0	45.0
169	13.7	10.6	16.0





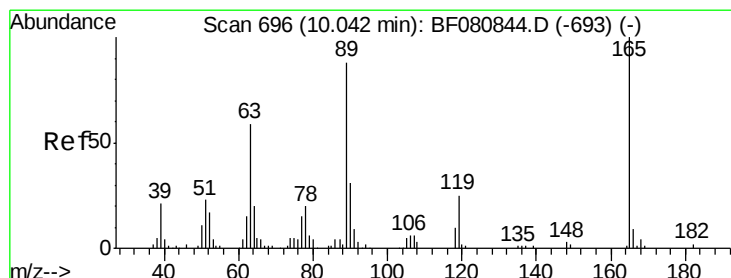
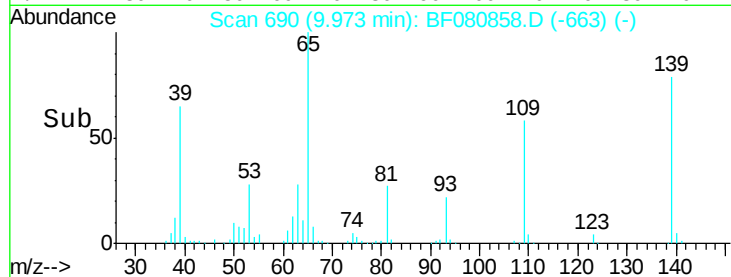
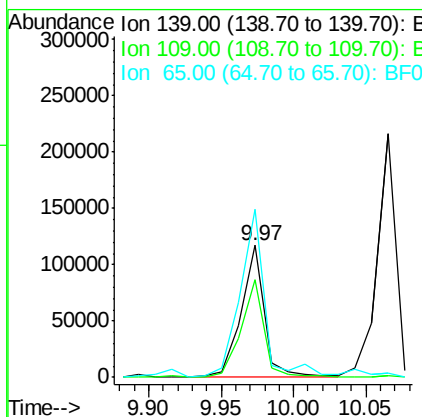
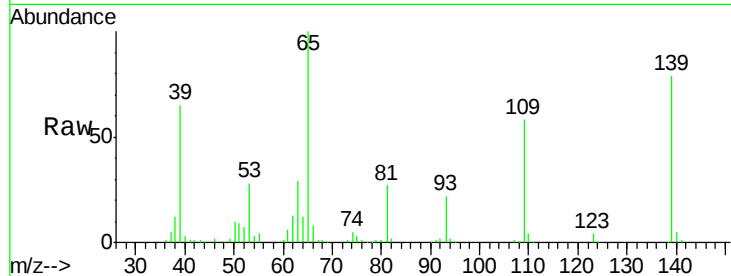
#55
4-Nitrophenol
Concen: 67.99 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130979		
109	74.5	54.4	94.4	
65	127.3	103.0	143.0	

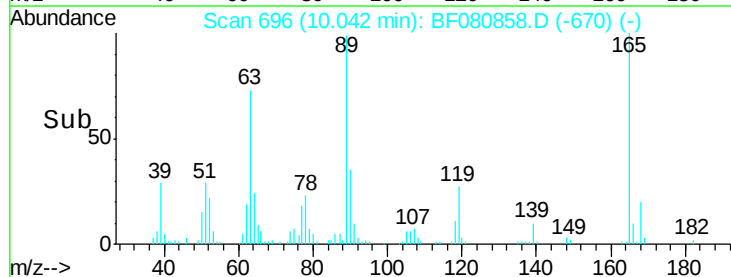
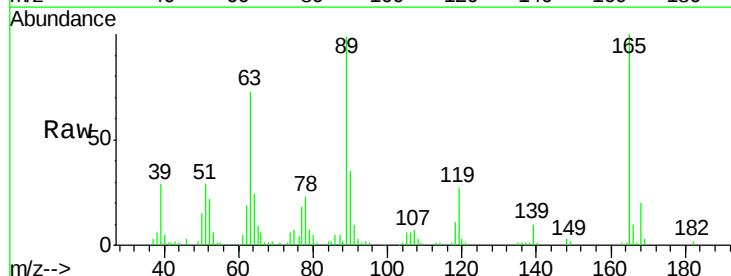
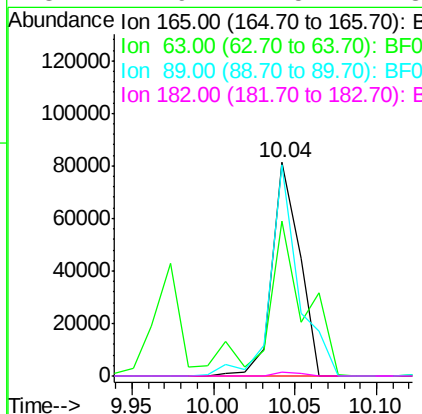
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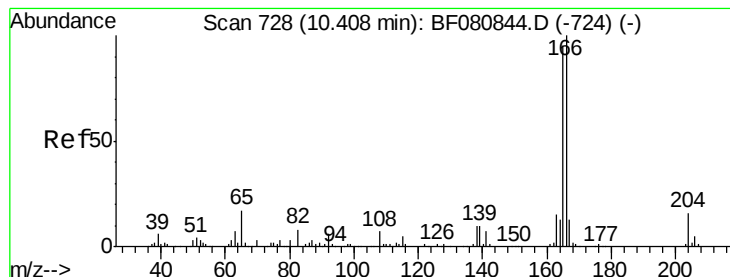
MMDadoda
8/5/2015 7:01:09 PM



#56
2,4-Dinitrotoluene
Concen: 33.95 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95003		
63	72.7	47.2	70.8#	
89	98.9	70.2	105.2	
182	1.9	1.5	2.3	





#57

Fluorene

Concen: 34.87 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080858.D

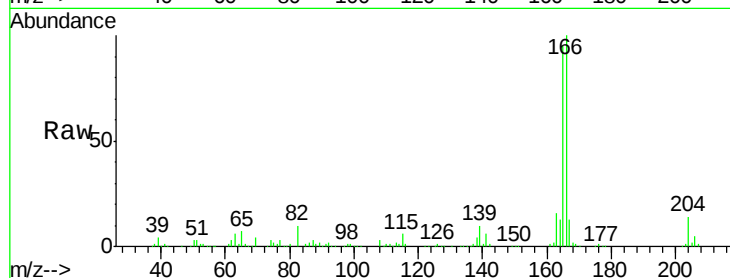
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion:166 Resp: 366028

Ion Ratio Lower Upper

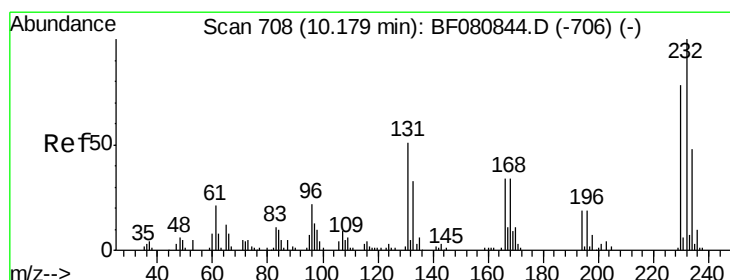
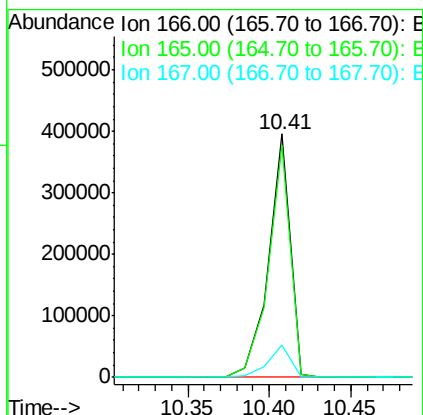
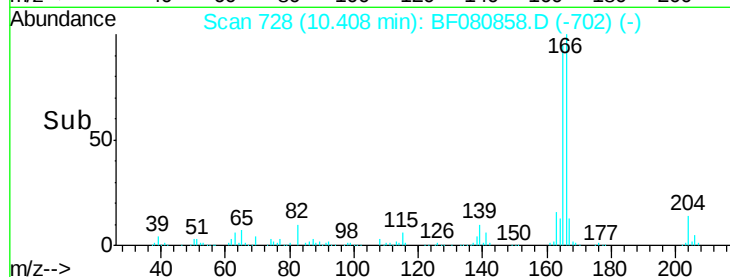
166 100

165 95.2 76.2 114.2

167 13.1 10.4 15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.26 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:232 Resp: 85326

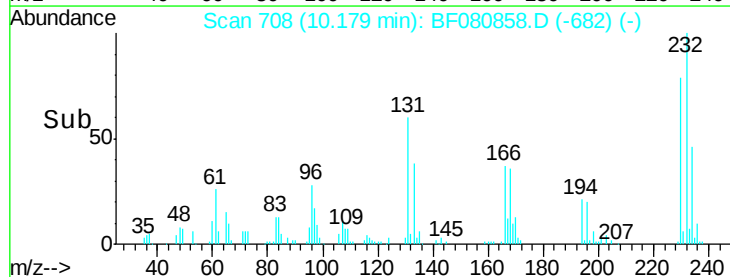
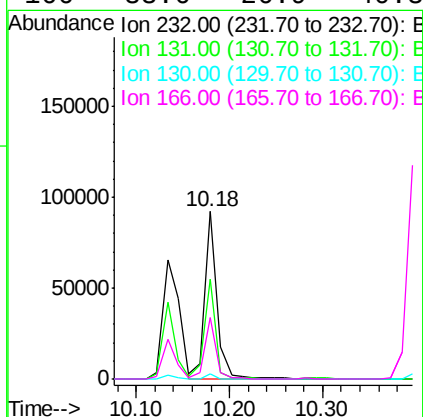
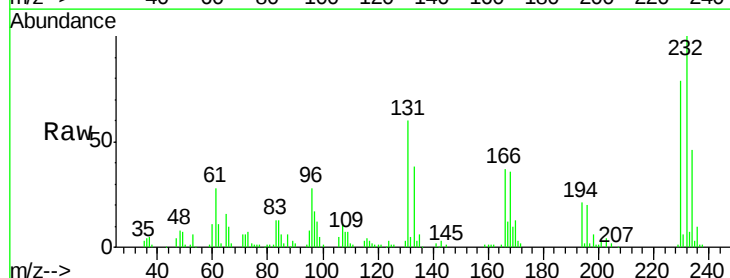
Ion Ratio Lower Upper

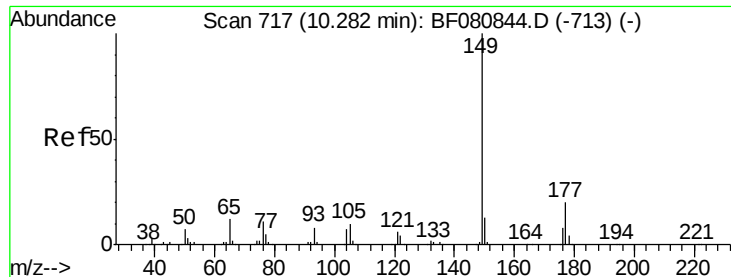
232 100

131 55.5 43.7 65.5

130 2.3 1.9 2.9

166 33.6 26.9 40.3





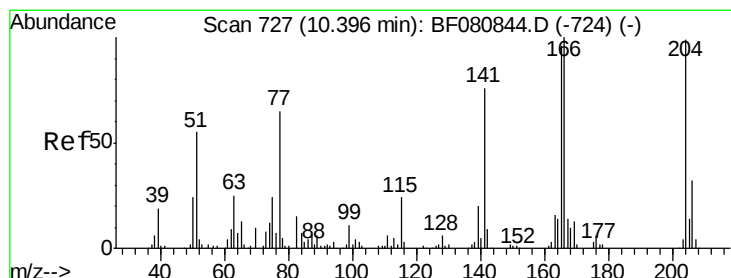
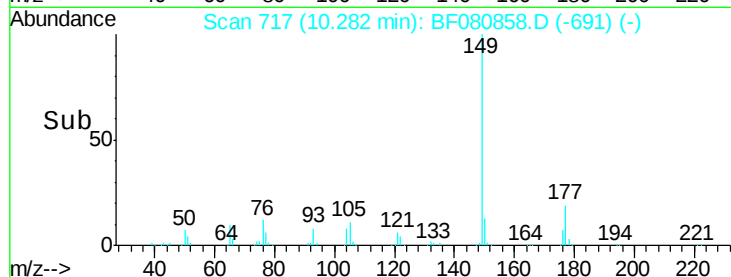
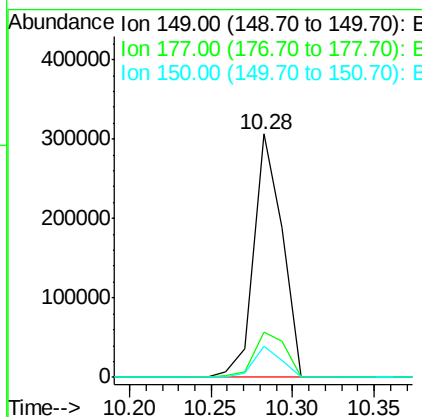
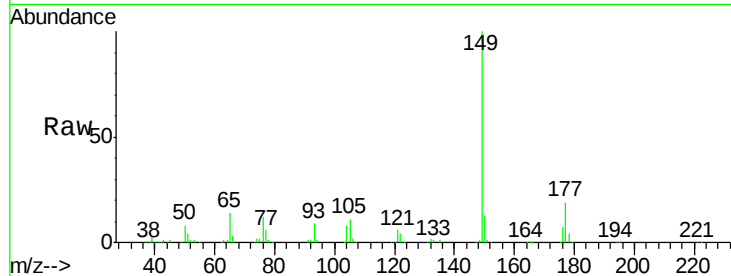
#59
Diethylphthalate
Concen: 35.33 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	18.6	15.8	23.8
150	12.5	10.2	15.2

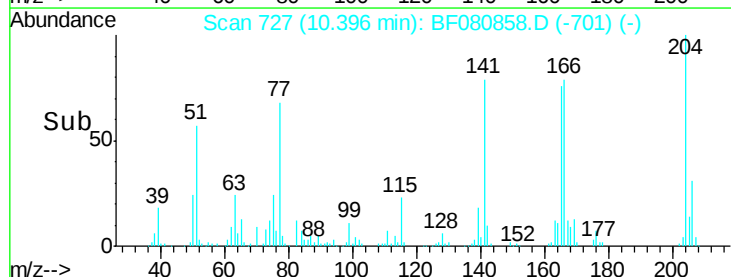
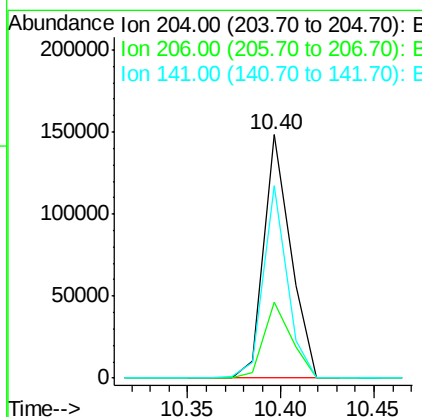
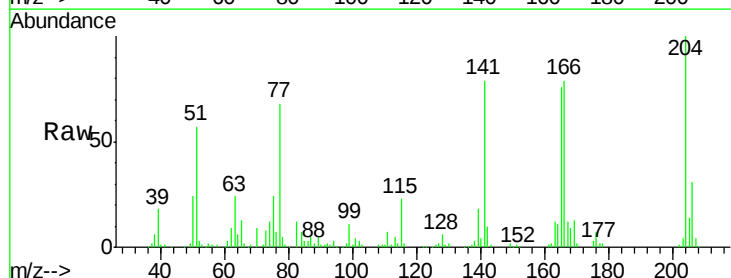
Manual Integrations
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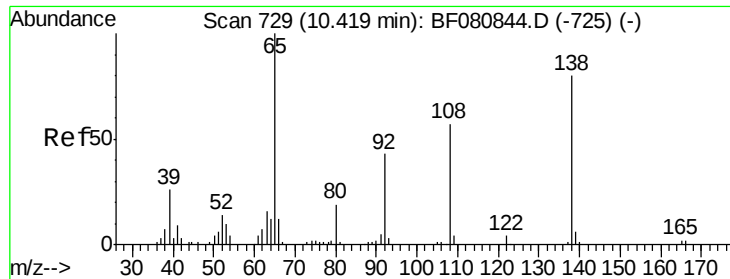
MMDadoda
8/5/2015 7:01:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.07 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.0	25.8	38.8
141	78.9	61.4	92.2





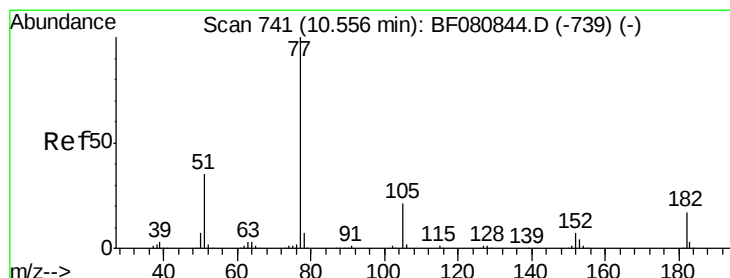
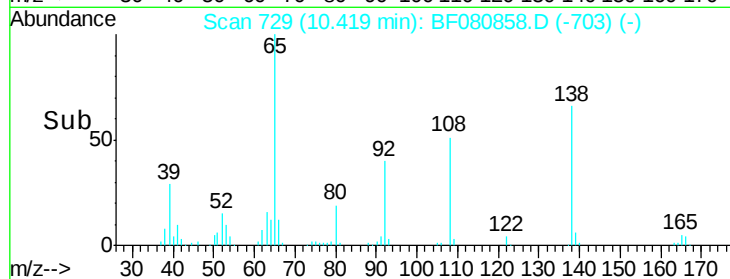
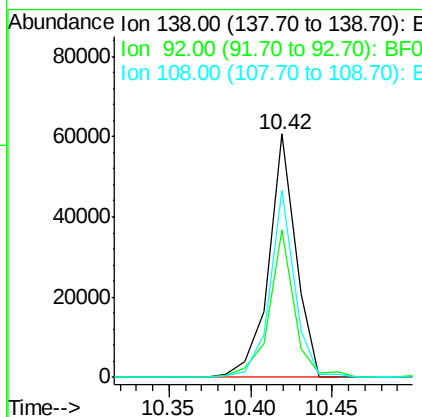
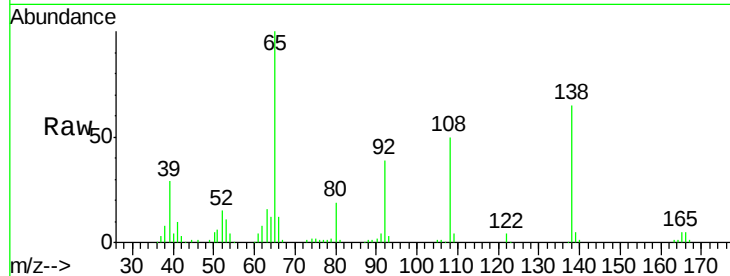
#61
4-Nitroaniline
Concen: 28.79 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	70362		
92	60.4	33.5	73.5	
108	77.0	52.3	92.3	

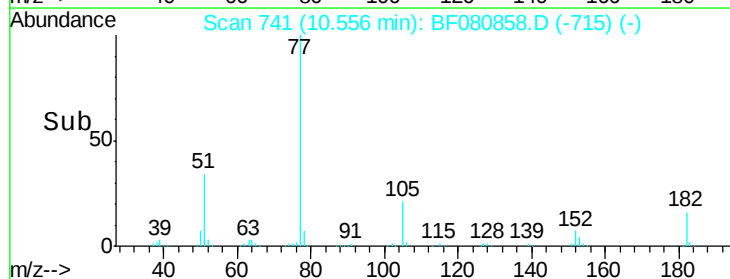
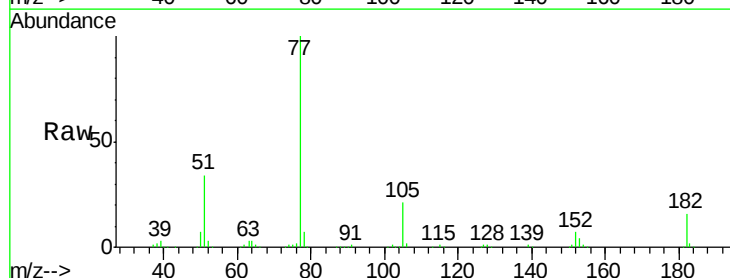
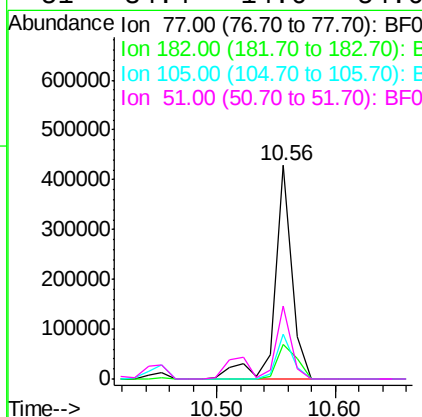
Manual Integrations
APPROVED

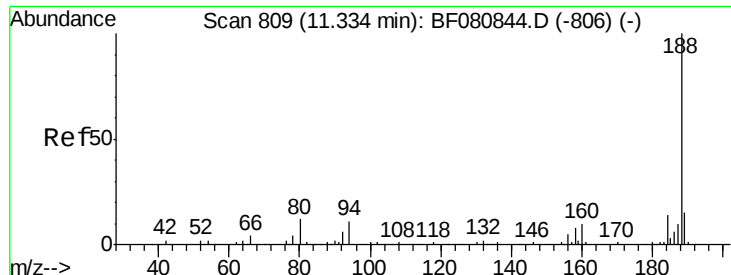
MMDadoda
8/5/2015 7:01:09 PM



#62
Azobenzene
Concen: 34.93 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	428710		
182	16.1	0.0	37.0	
105	21.0	1.3	41.3	
51	34.4	14.6	54.6	





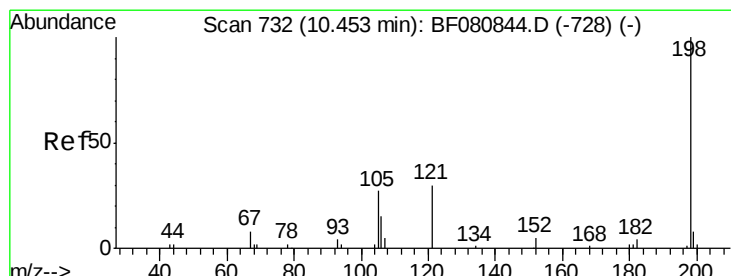
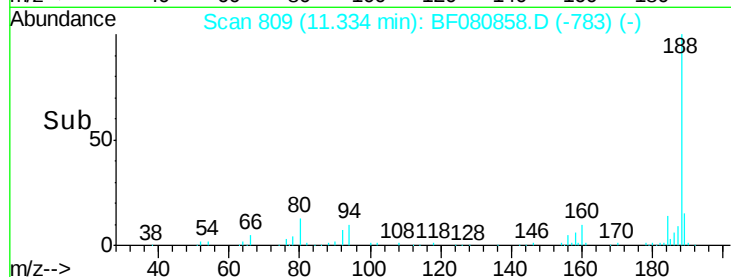
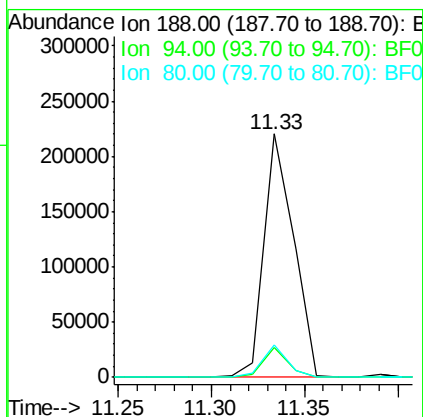
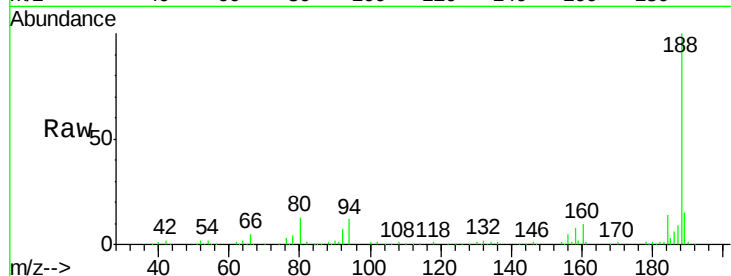
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	241275		
94	12.1	8.6	12.8	
80	13.1	9.3	13.9	

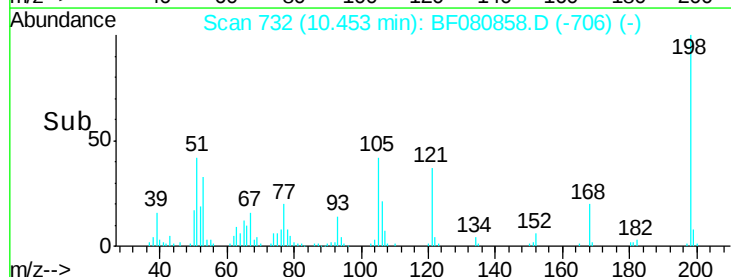
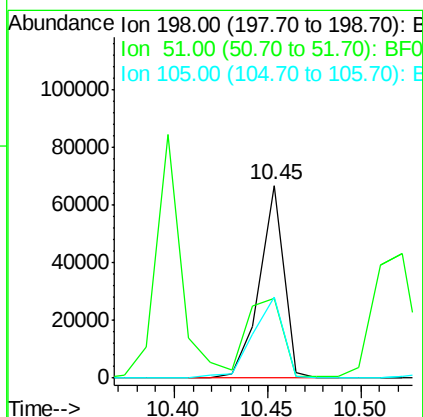
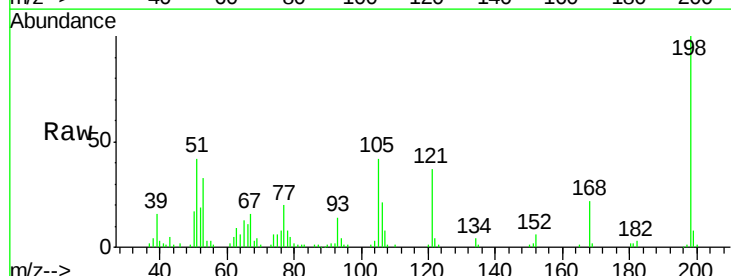
Manual Integrations
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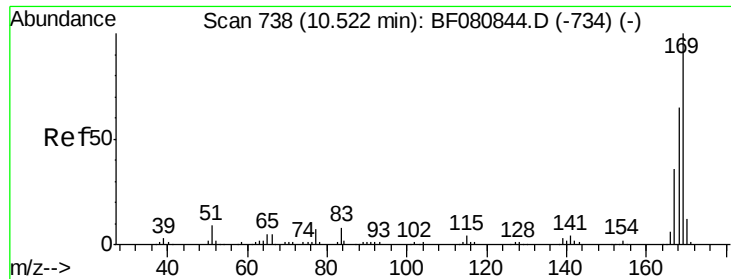
MMDadoda
8/5/2015 7:01:09 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.93 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60430		
51	41.7	4.7	44.7	
105	41.8	8.5	48.5	





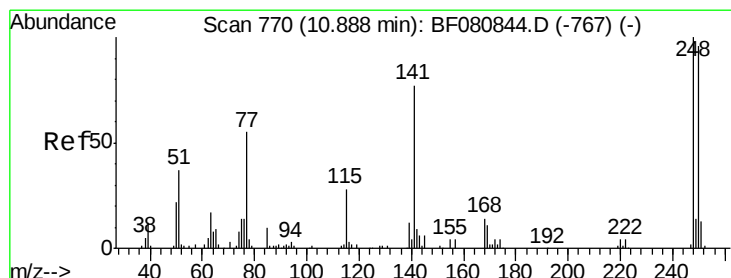
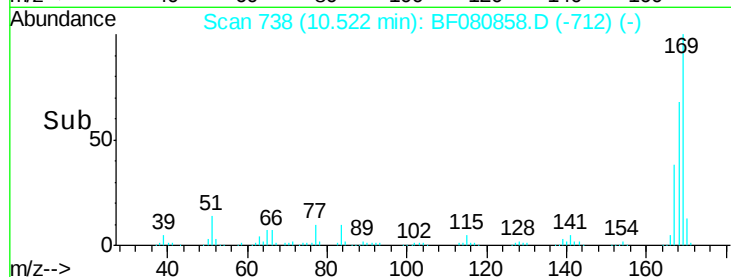
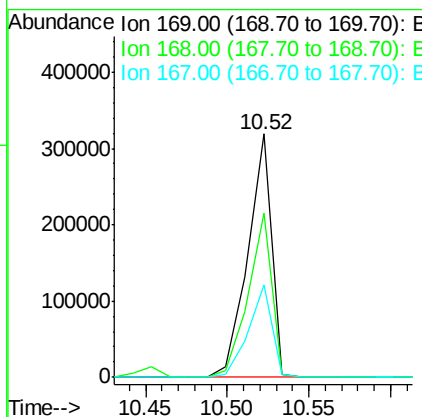
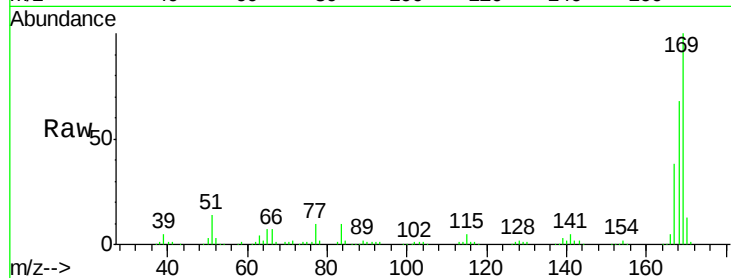
#65
 n-Nitrosodiphenylamine
 Concen: 34.75 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Manual Integrations
 APPROVED

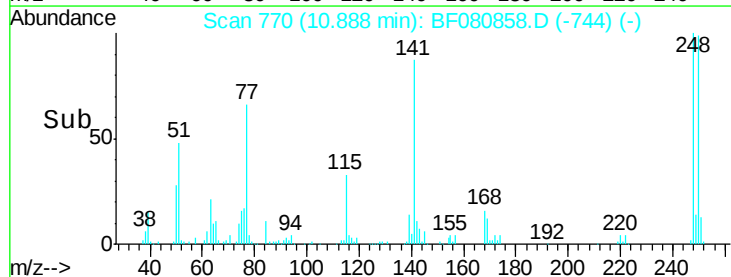
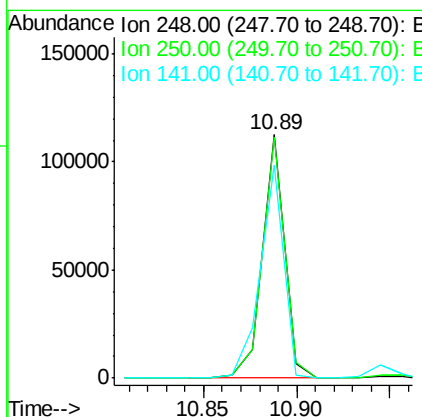
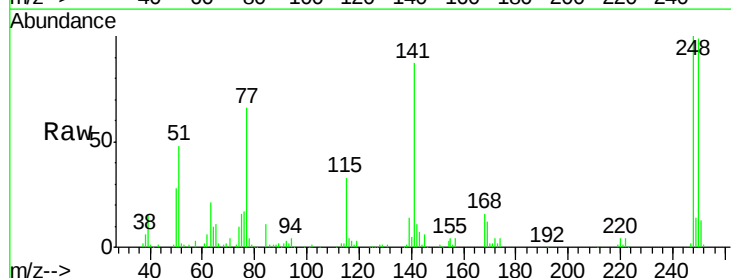
MMDadoda
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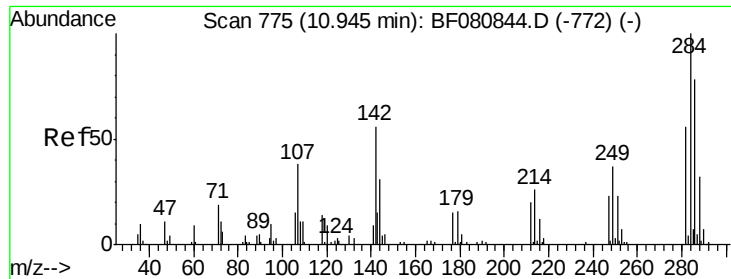
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	321187		
168	67.7	52.2	78.4	
167	37.8	29.2	43.8	



#66
 4-Bromophenyl-phenylether
 Concen: 34.43 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	91937		
250	99.2	77.2	115.8	
141	87.4	61.4	92.0	





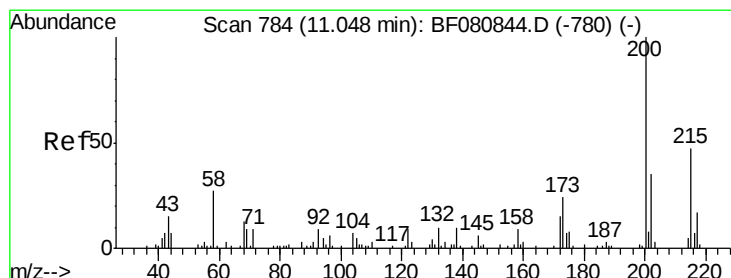
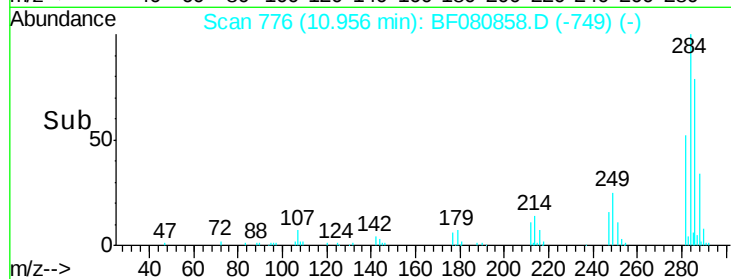
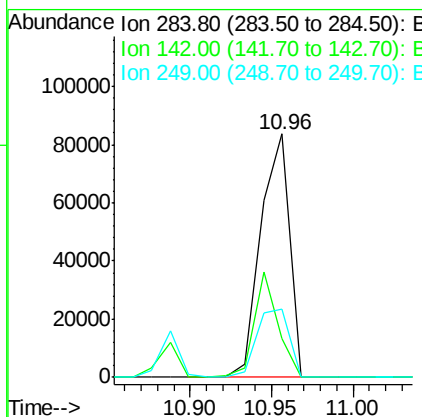
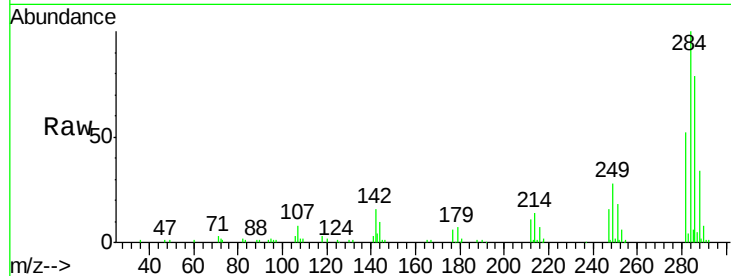
#67
Hexachlorobenzene
Concen: 35.26 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	15.7	44.4	66.6#
249	28.2	29.3	43.9#

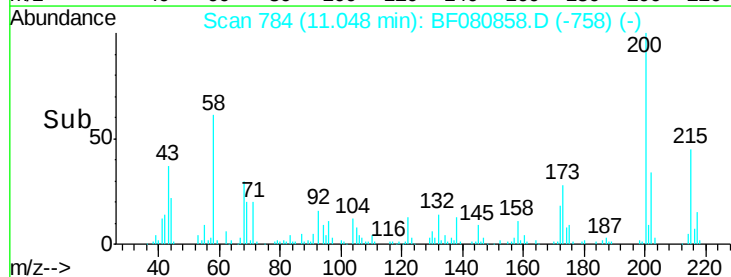
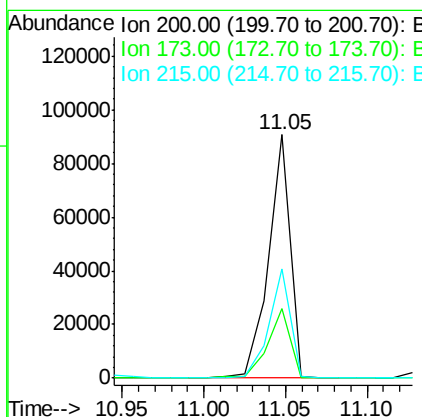
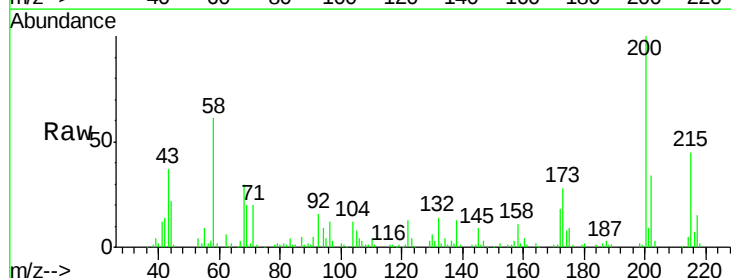
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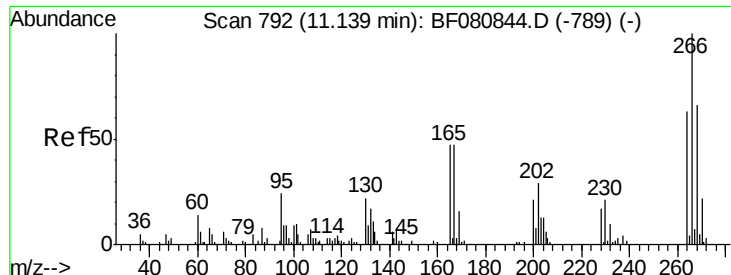
MMDadoda
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#68
Atrazine
Concen: 34.80 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	4.8	44.8
215	44.7	27.1	67.1





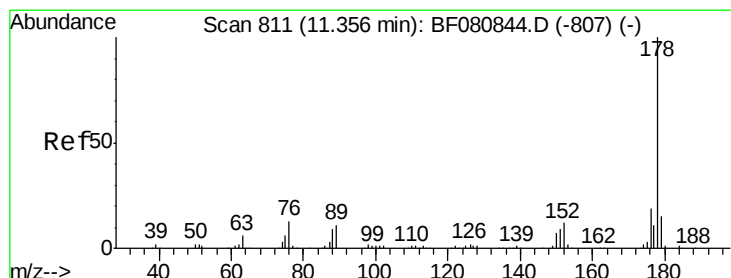
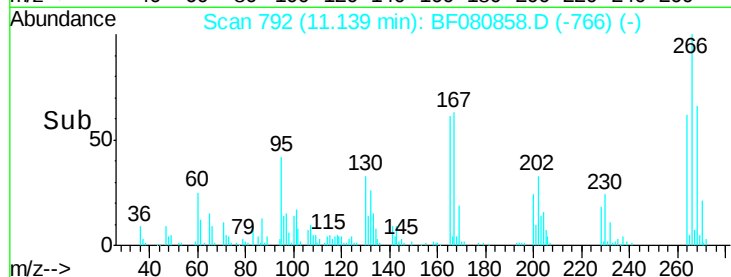
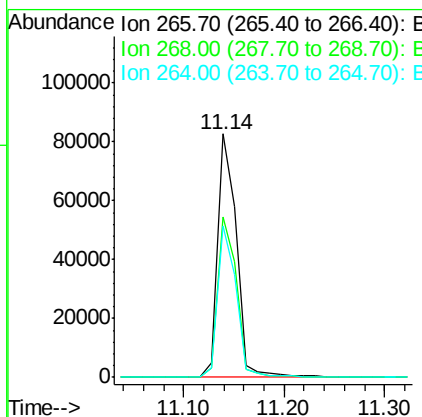
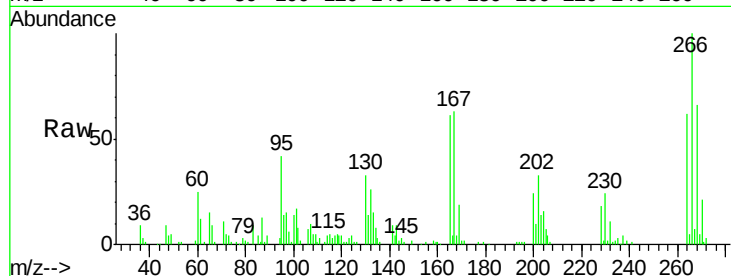
#69
 Pentachlorophenol
 Concen: 67.21 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106821		
268	65.7	52.6	78.8	
264	62.2	50.7	76.1	

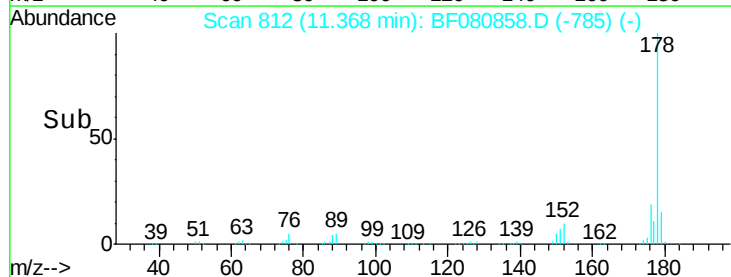
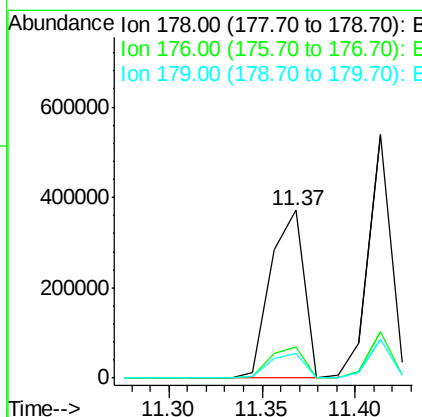
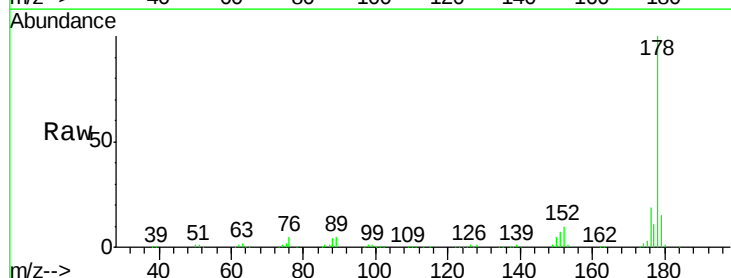
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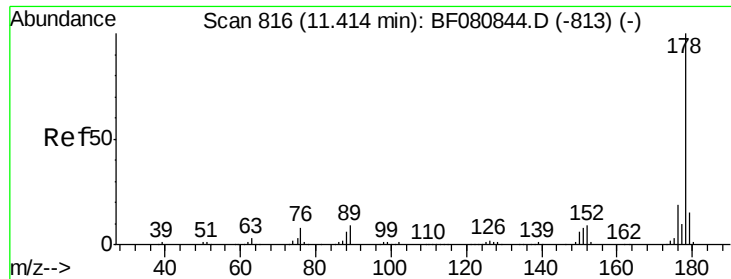
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#70
 Phenanthrene
 Concen: 33.36 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	465125		
176	18.7	15.3	22.9	
179	14.5	12.3	18.5	





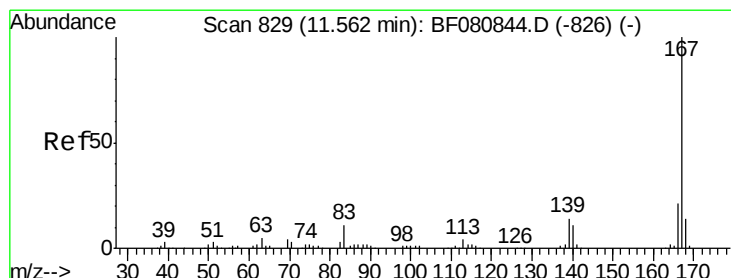
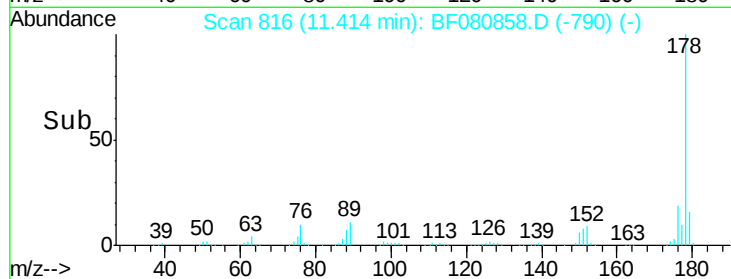
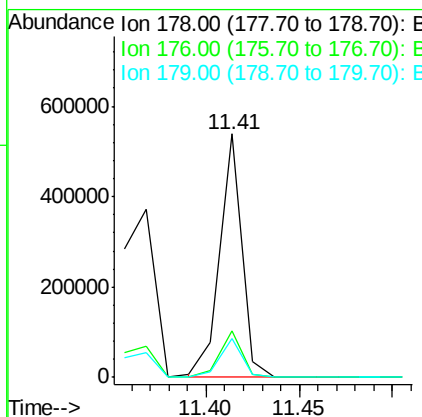
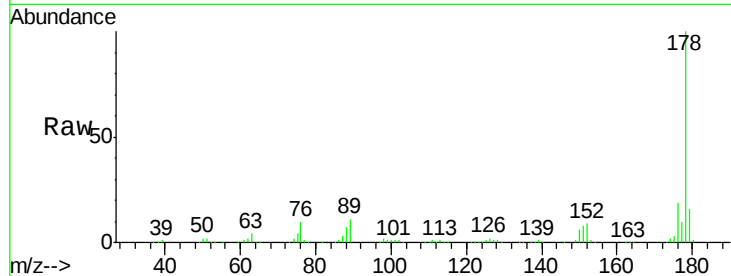
#71
 Anthracene
 Concen: 33.14 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.2	18.4

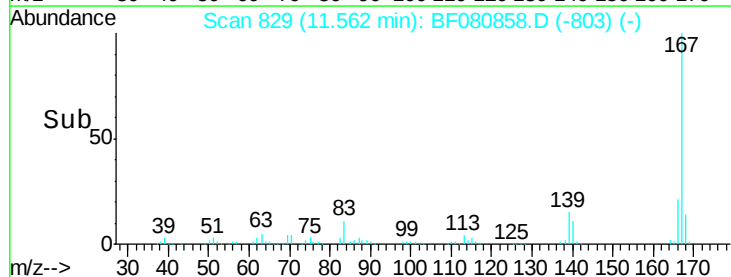
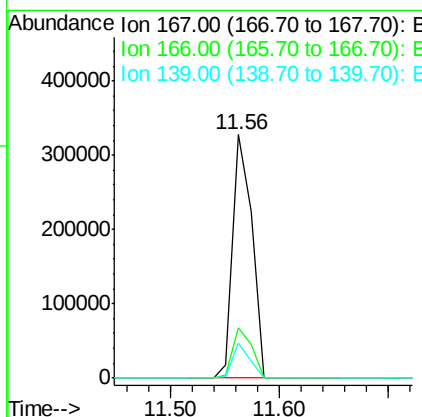
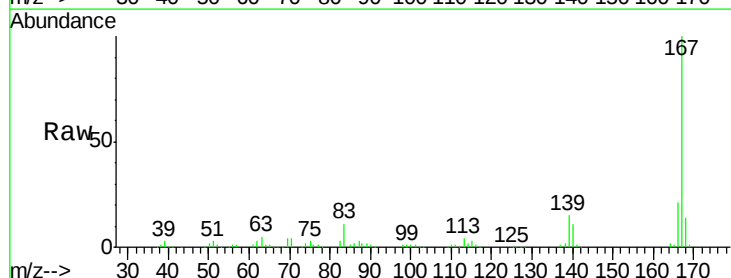
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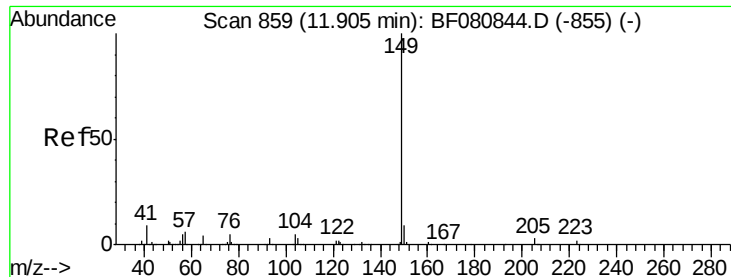
MMDadoda
 8/5/2015 7:01:09 PM



#72
 Carbazole
 Concen: 30.74 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	14.6	11.3	16.9





#73

Di-n-butylphthalate

Concen: 35.15 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

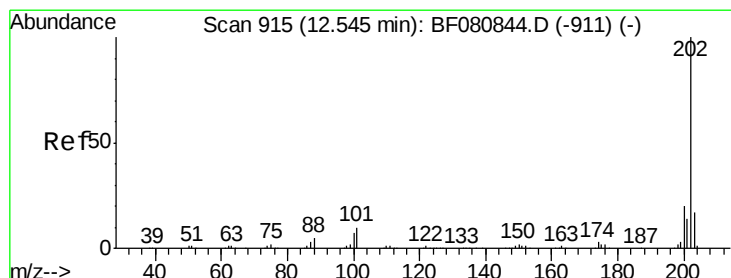
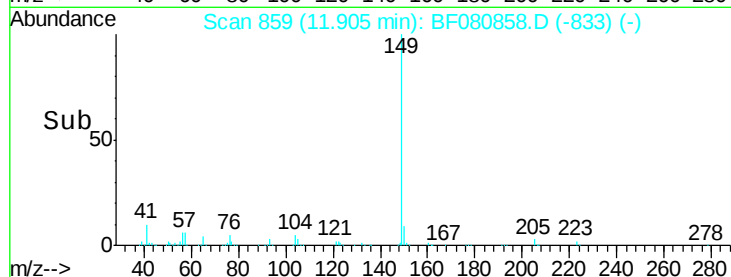
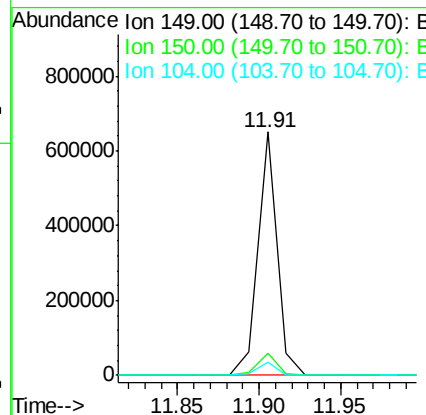
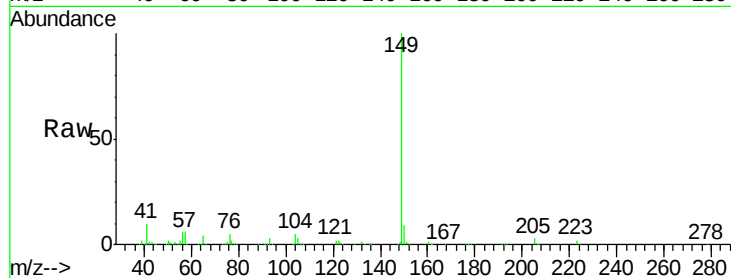
ClientSampleId :

PB84659BS

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Tgt	Ion	Resp	Lower	Upper
149	100			
150	9.3	7.4	11.2	
104	5.2	3.9	5.9	



#74

Fluoranthene

Concen: 33.29 ng

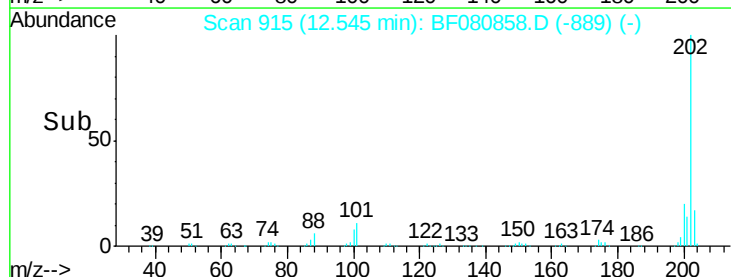
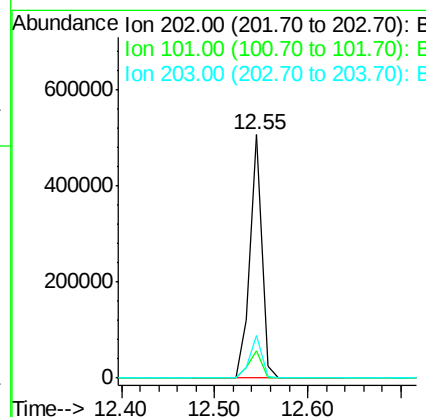
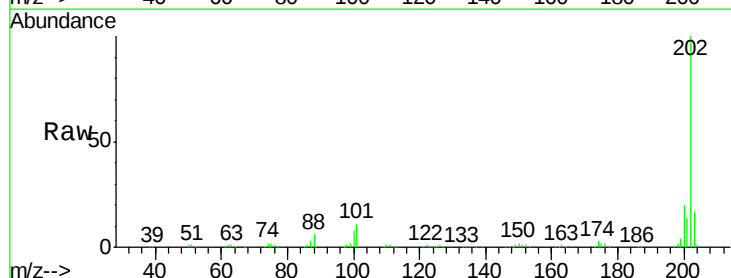
RT: 12.55 min Scan# 915

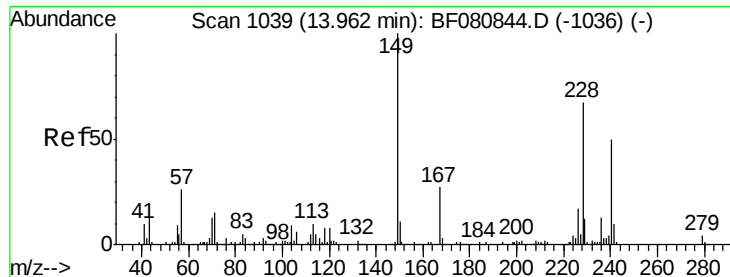
Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt	Ion	Resp	Lower	Upper
202	100			
101	11.2	0.0	29.9	
203	17.4	0.0	37.4	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

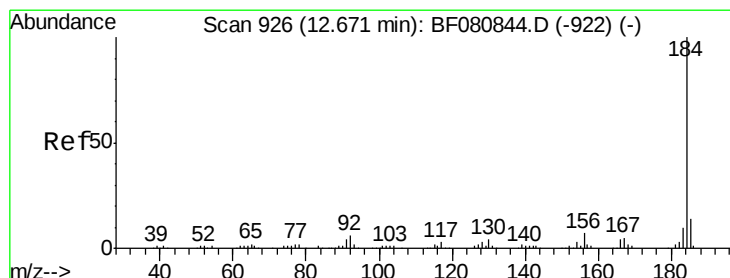
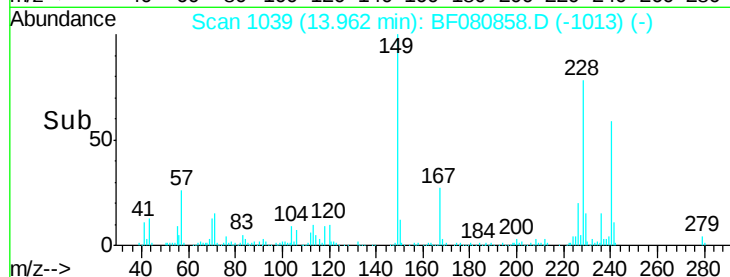
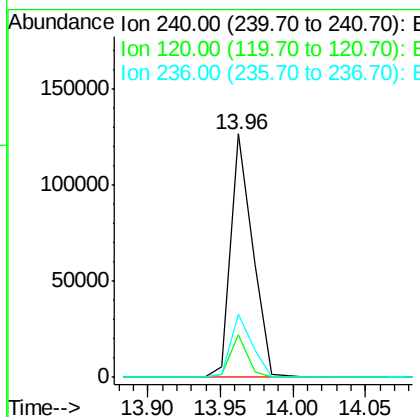
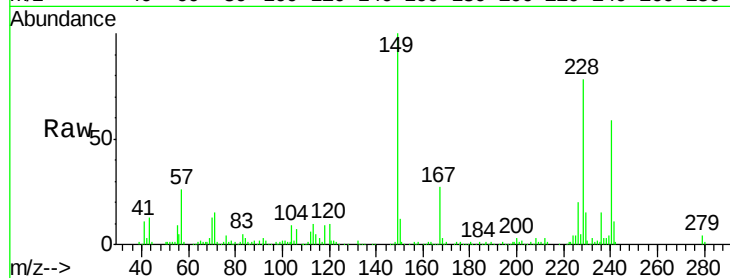
ClientSampleId :

PB84659BS

Tgt Ion:	240	Resp:	133133
Ion Ratio	Lower	Upper	
240	100		
120	17.4	13.0	19.6
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 18.19 ng

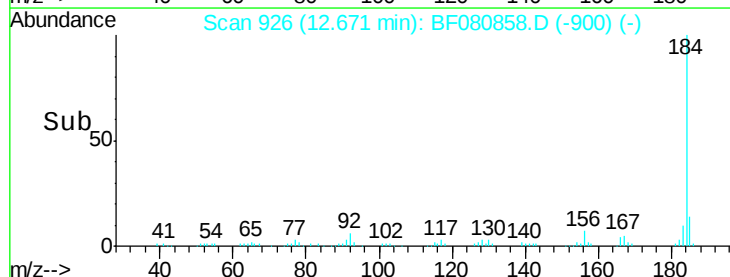
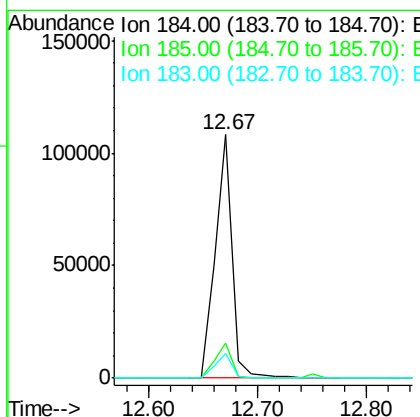
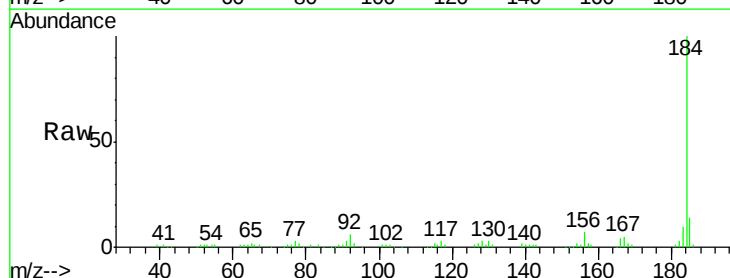
RT: 12.67 min Scan# 926

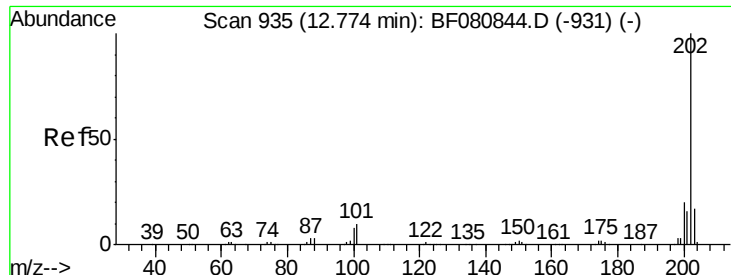
Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:	184	Resp:	117228
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.2
183	10.4	8.4	12.6





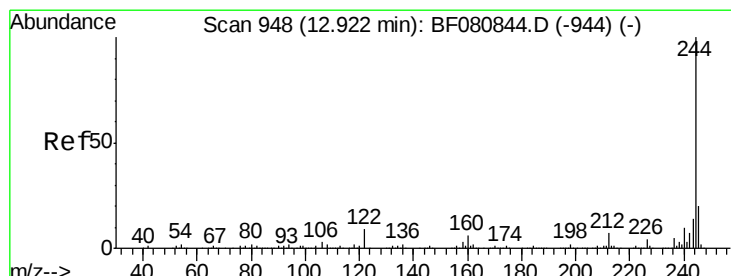
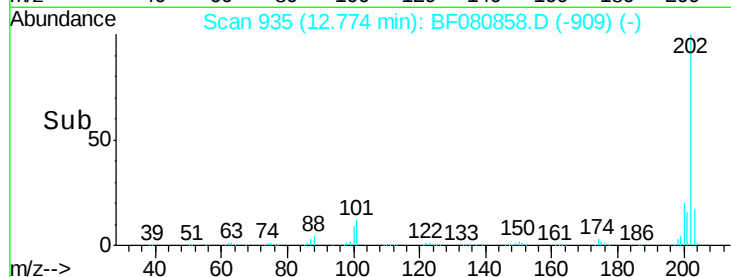
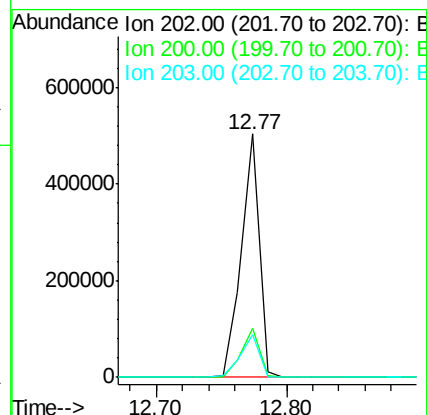
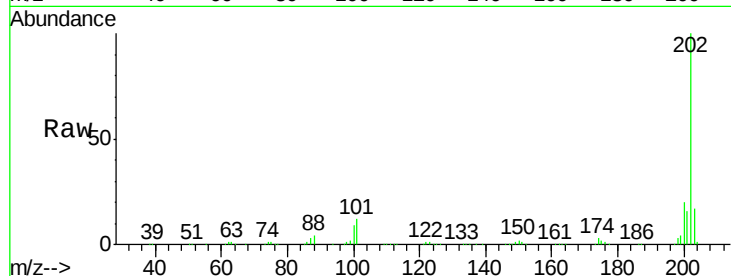
#77
 Pyrene
 Concen: 40.07 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.1	24.1
203	17.4	13.6	20.4

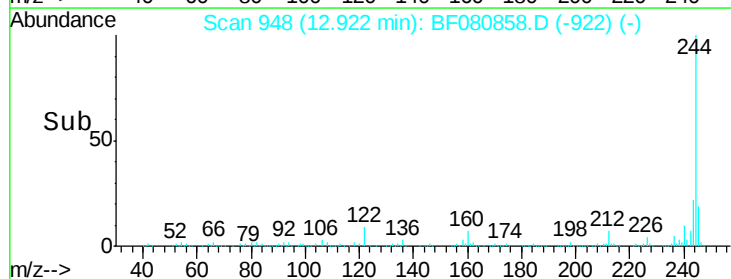
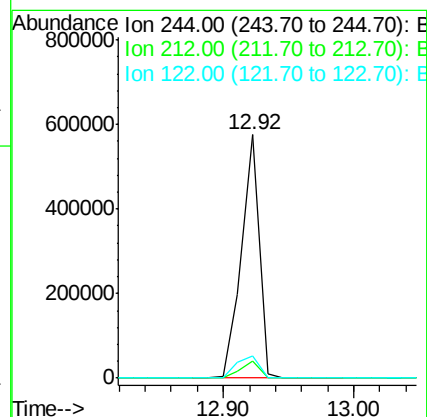
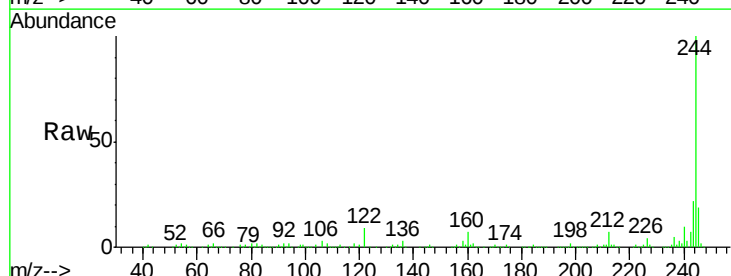
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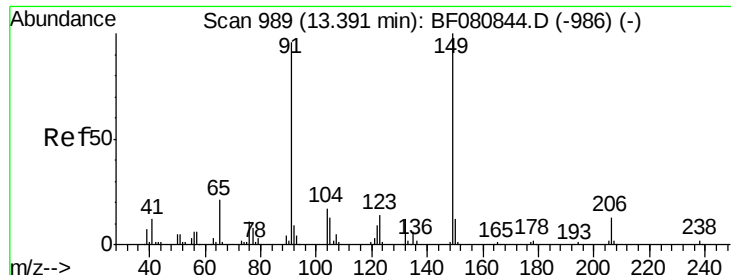
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#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.5	8.3
122	9.3	7.1	10.7





#79

Butylbenzylphthalate

Concen: 40.39 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF080858.D

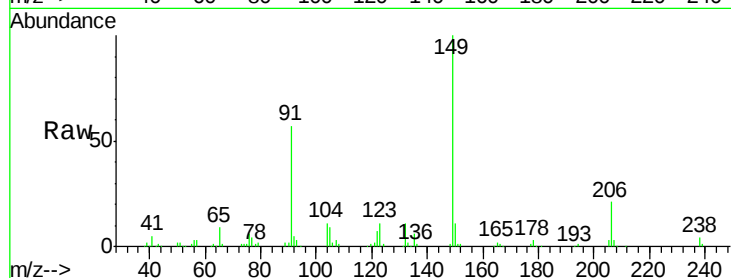
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion:149 Resp: 197262

Ion Ratio Lower Upper

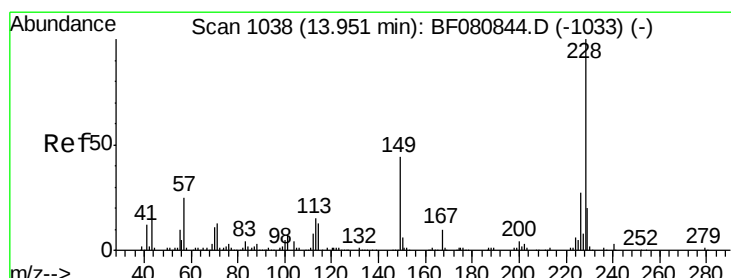
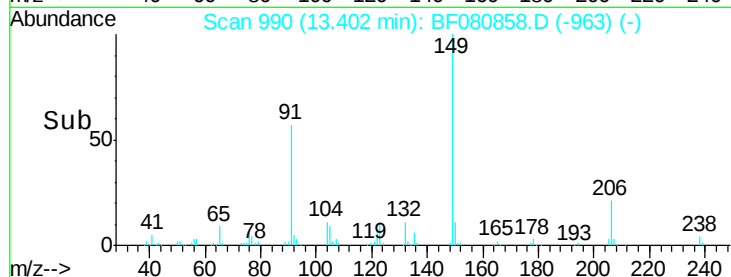
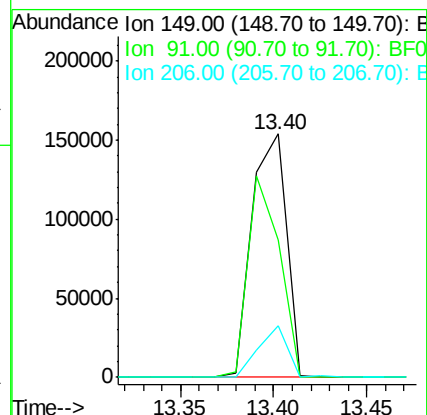
149 100

91 56.5 76.4 114.6#

206 21.2 10.7 16.1#

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#80

Benzo(a)anthracene

Concen: 34.31 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

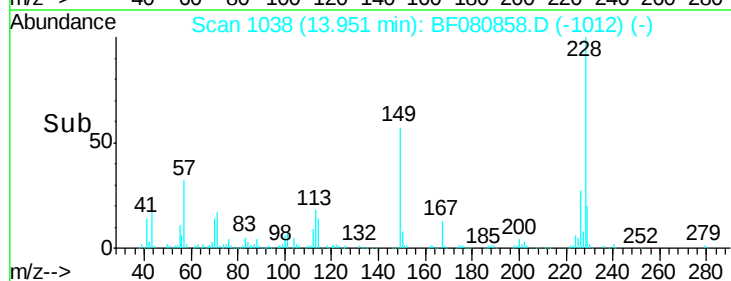
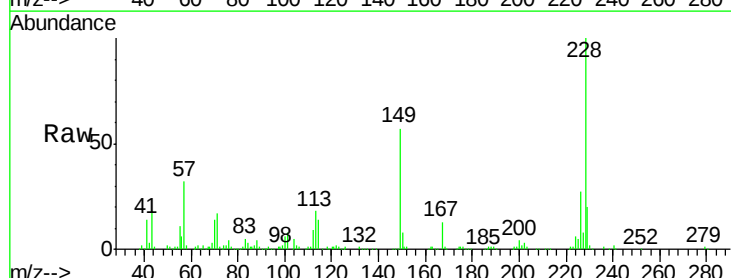
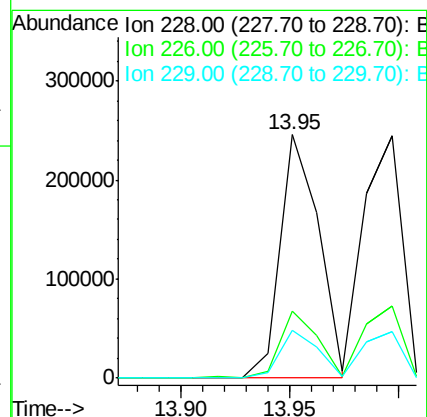
Tgt Ion:228 Resp: 305568

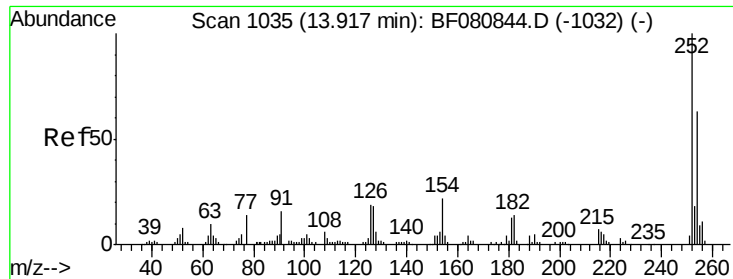
Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.8 16.2 24.2





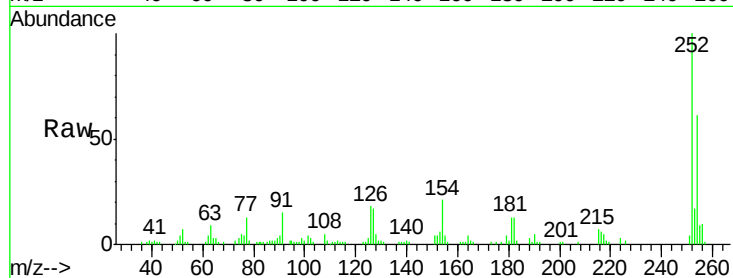
#81
 3,3'-Dichlorobenzidine
 Concen: 20.90 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

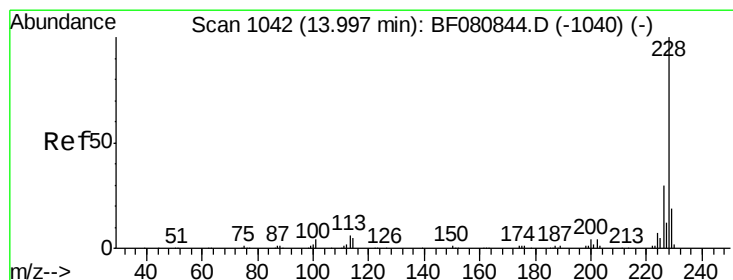
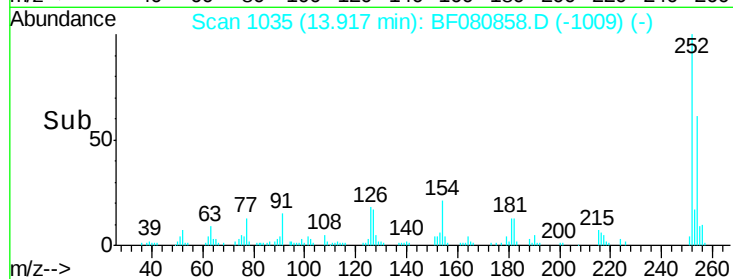
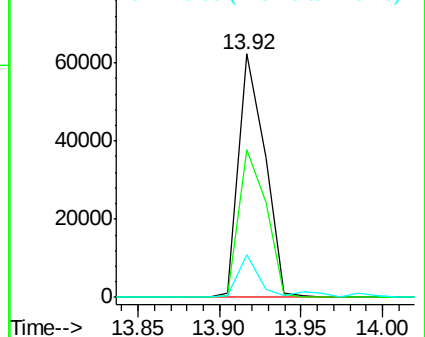
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.7	50.3	75.5
126	17.6	15.1	22.7

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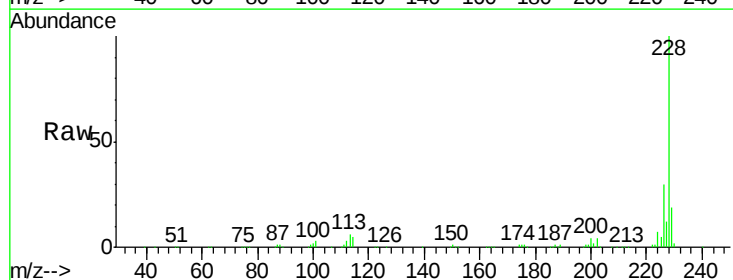


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

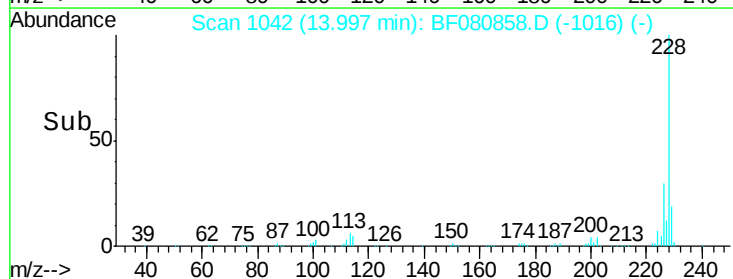
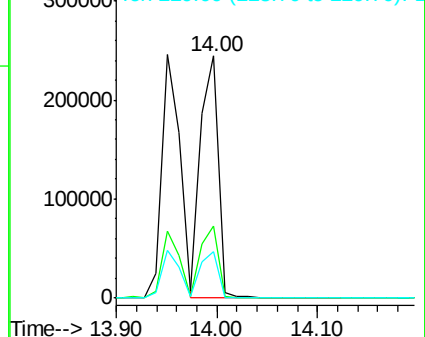


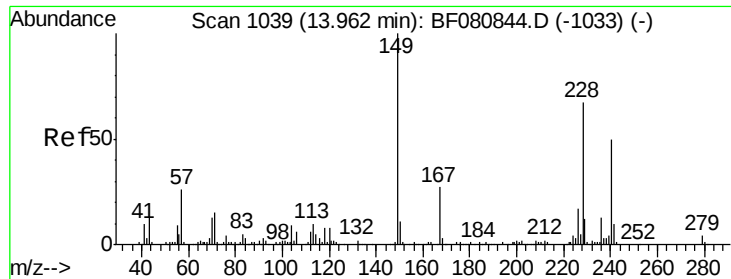
#82
 Chrysene
 Concen: 33.40 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	23.6	35.4
229	19.0	15.1	22.7



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





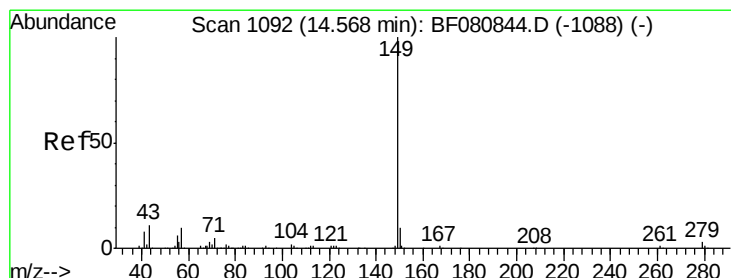
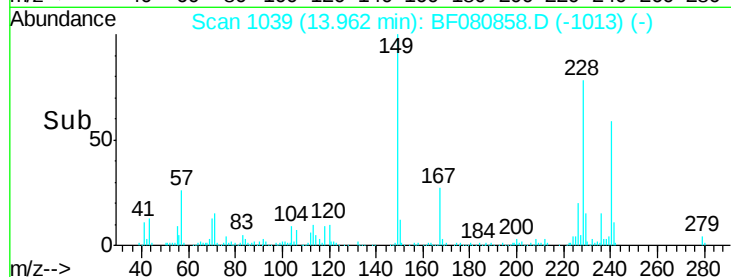
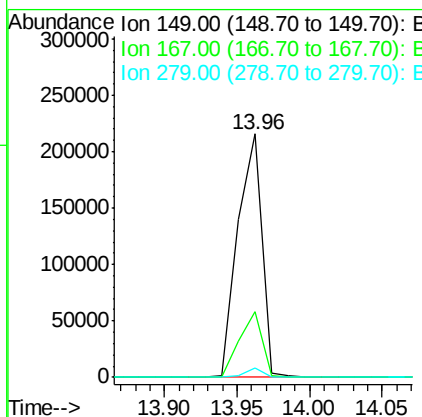
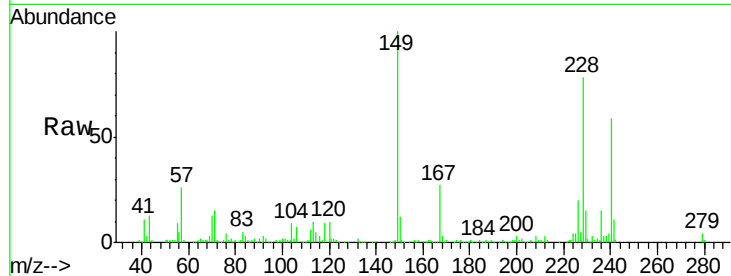
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.19 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	249106		
167	27.1	21.8	32.8	
279	4.0	3.0	4.4	

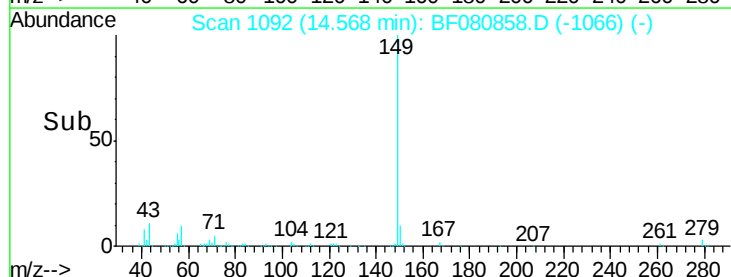
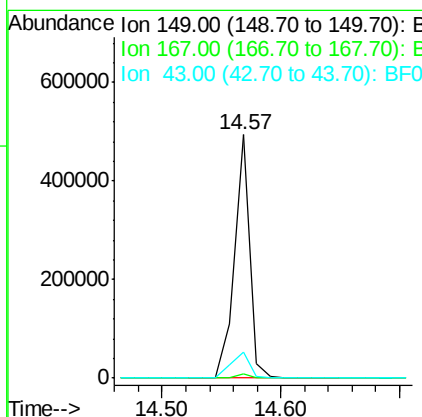
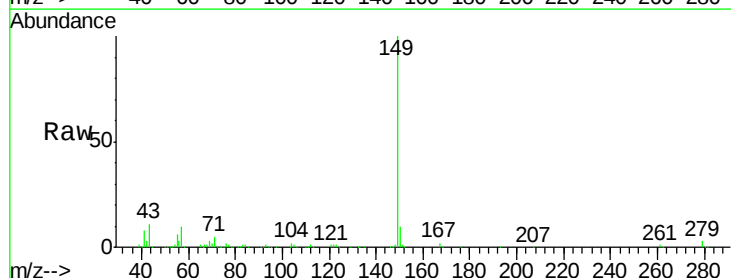
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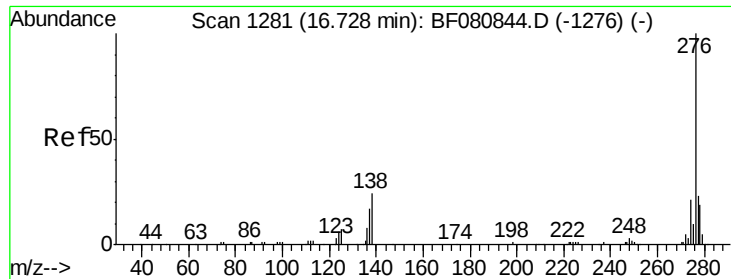
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#84
 Di-n-octyl phthalate
 Concen: 39.88 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	437186		
167	1.5	1.1	1.7	
43	12.9	10.3	15.5	





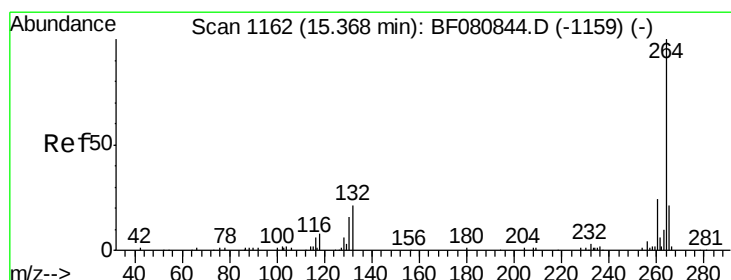
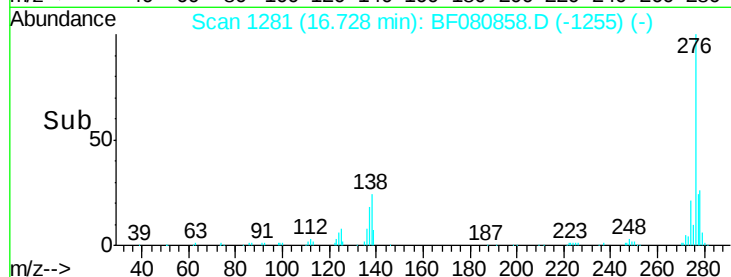
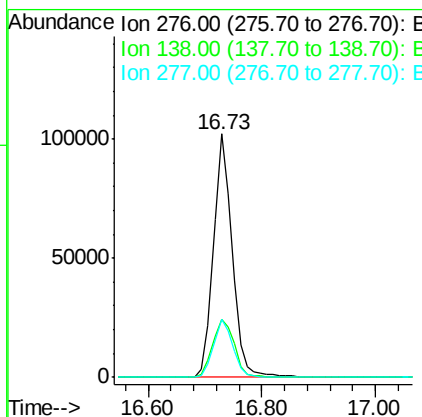
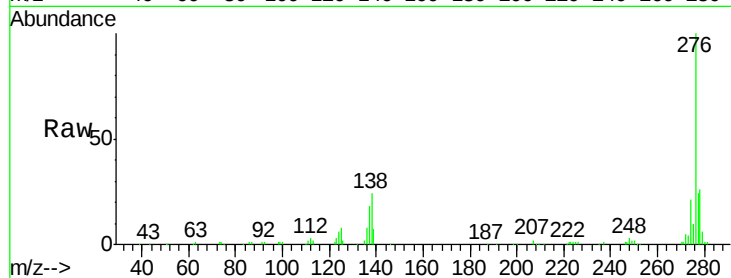
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.23 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	232721		
138	27.2	21.6	32.4	
277	24.4	19.6	29.4	

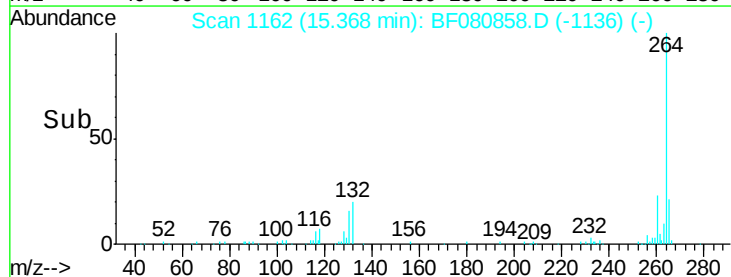
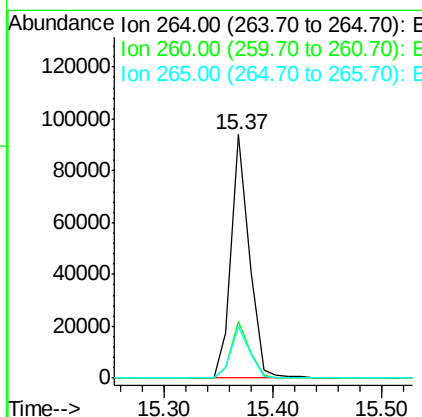
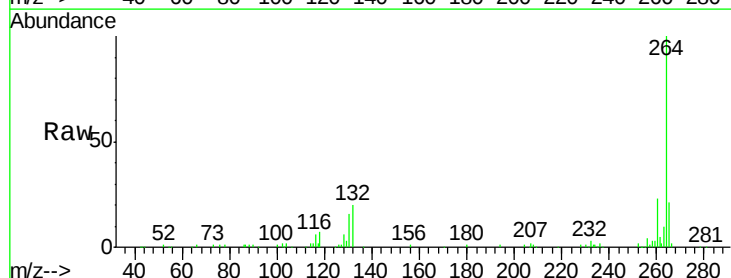
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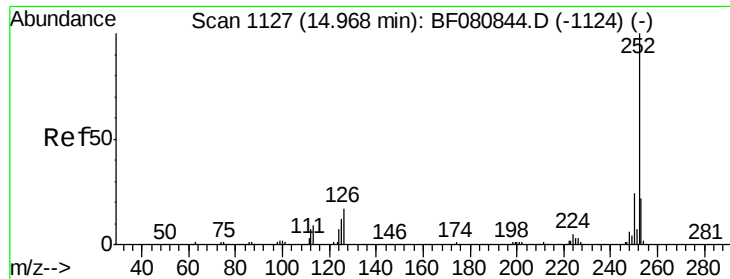
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	108245		
260	23.1	18.9	28.3	
265	21.0	16.8	25.2	





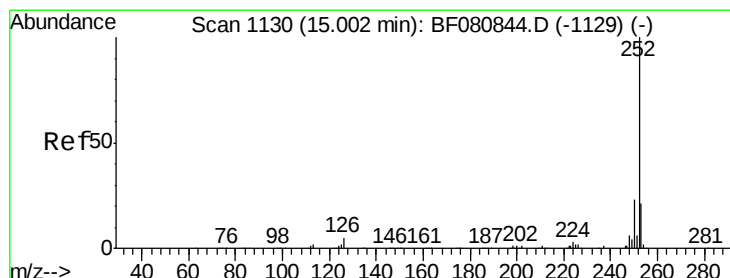
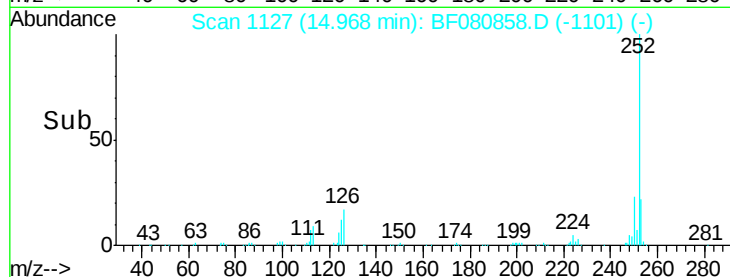
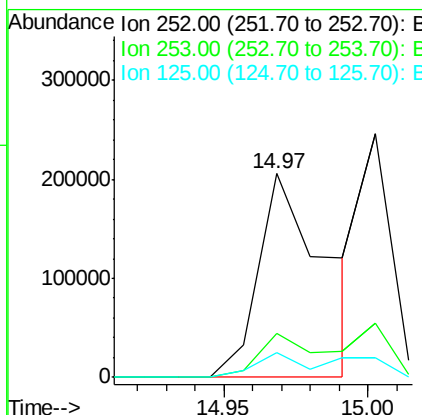
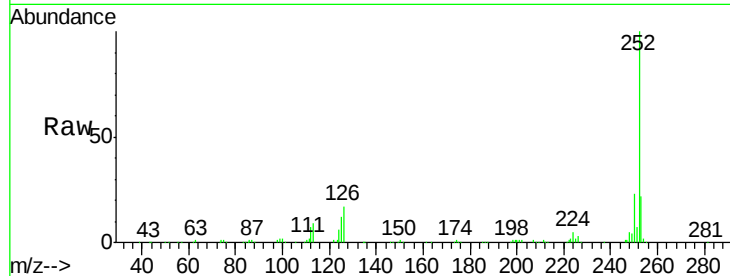
#87
Benzo(b)fluoranthene
Concen: 40.78 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	330165		
253	21.6		17.4	26.0
125	12.2		9.8	14.8

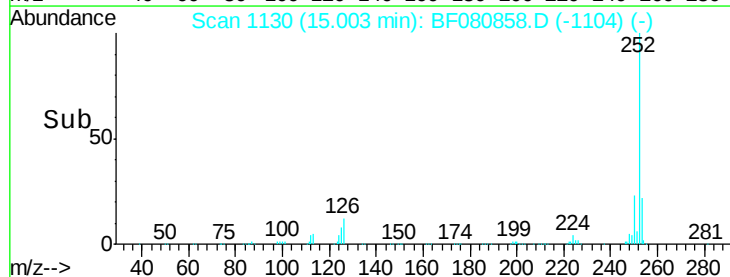
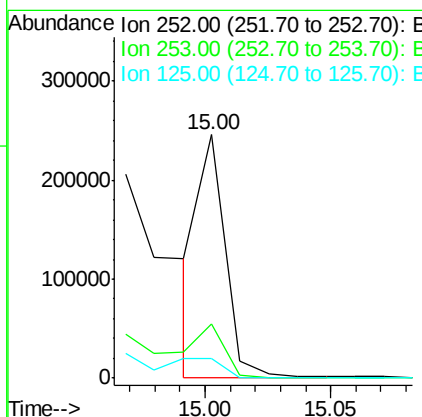
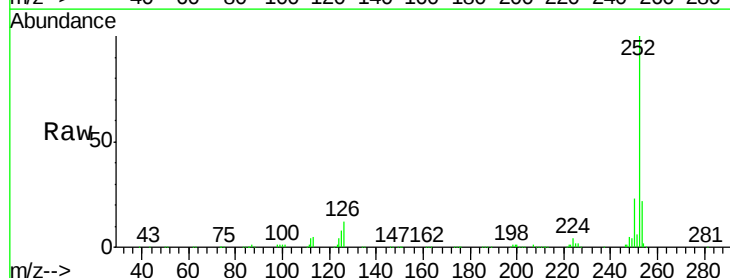
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#88
Benzo(k)fluoranthene
Concen: 29.90 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	186385		
253	22.1		16.9	25.3
125	8.2		7.0	10.6





#89

Benzo(a)pyrene

Concen: 35.02 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080858.D

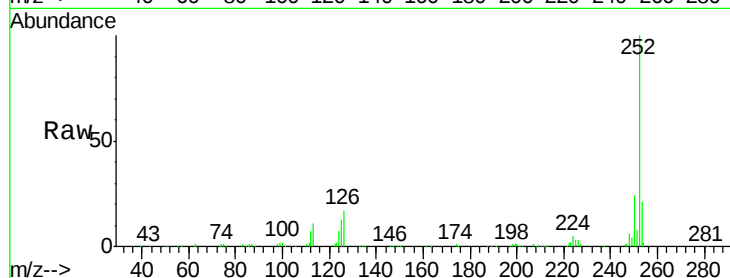
Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

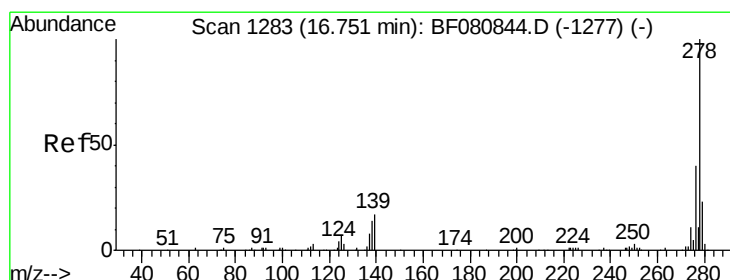
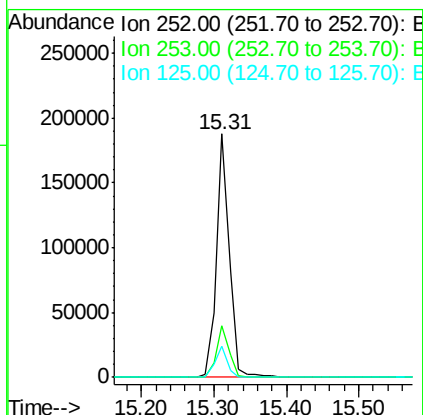
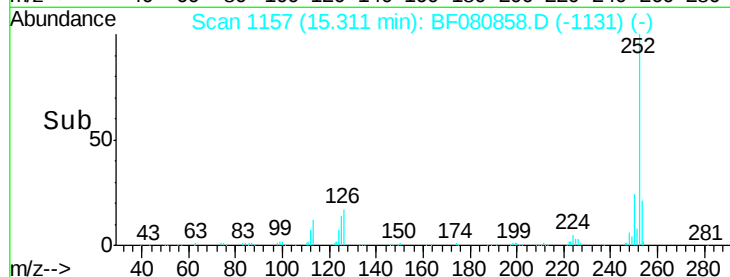
PB84659BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	12.8	10.6	16.0

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#90

Dibenzo(a,h)anthracene

Concen: 34.15 ng

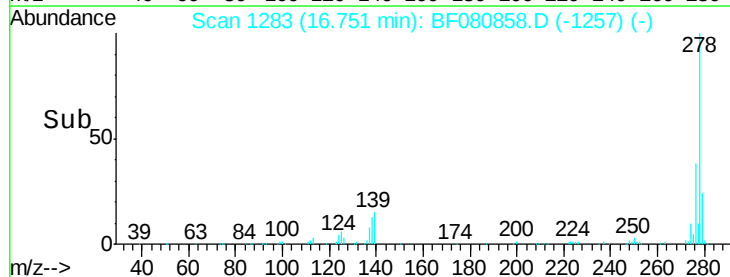
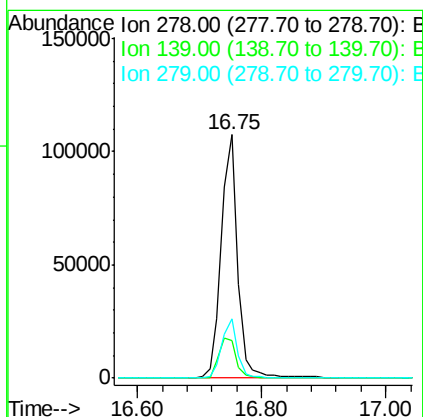
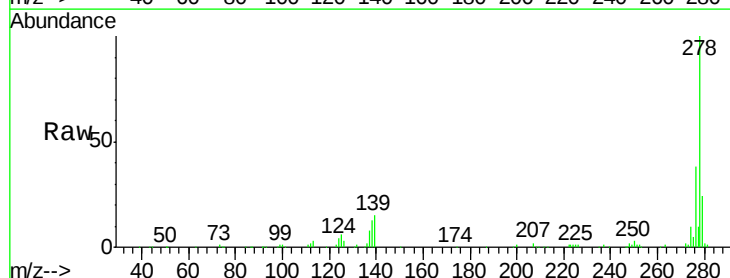
RT: 16.75 min Scan# 1283

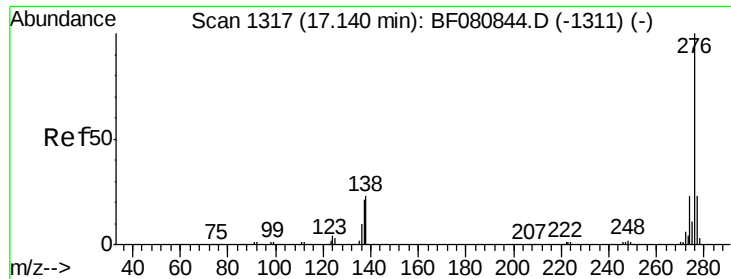
Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.4	20.0
279	24.2	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 36.07 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt	Ion	276	Resp:	200195
Ion	Ratio	Lower	Upper	
276	100			
277	24.2	18.6	27.8	
138	23.7	18.8	28.2	

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