

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080355.D
 Acq On : 6 Jul 2015 20:22
 Operator : TP/IZ
 Sample : PB84373BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Manual Integrations
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Quant Time: Jul 07 05:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	35999	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	136910	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	65217	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	138390	20.00	ng	0.01
75) Chrysene-d12	14.91	240	153619	20.00	ng	0.17
86) Perylene-d12	16.84	264	142676	20.00	ng	0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	238497	121.34	ng	0.00
7) Phenol-d6	6.83	99	296182	113.68	ng	0.00
23) Nitrobenzene-d5	7.79	82	175286	74.68	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	83229	121.96	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	407198	84.26	ng	0.00
78) Terphenyl-d14	13.56	244	498597	75.71	ng	0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	29204	31.47	ng	88
3) Pyridine	3.88	79	78611	33.29	ng	95
4) n-Nitrosodimethylamine	3.78	42	40109	36.14	ng	98
6) Aniline	6.89	93	81175	22.50	ng	98
8) 2-Chlorophenol	7.01	128	88093	38.66	ng	99
9) Benzaldehyde	6.77	77	55734	38.46	ng	97
10) Phenol	6.85	94	107545	38.06	ng	98
11) bis(2-Chloroethyl)ether	6.94	93	80341	37.69	ng	98
12) 1,3-Dichlorobenzene	7.17	146	102639	36.69	ng	99
13) 1,4-Dichlorobenzene	7.24	146	94997m	36.37	ng	
14) 1,2-Dichlorobenzene	7.40	146	99278	37.55	ng	99
15) Benzyl Alcohol	7.36	79	79260	39.30	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	130852	37.97	ng	98
17) 2-Methylphenol	7.46	107	66370m	37.58	ng	
18) Hexachloroethane	7.74	117	30565	36.42	ng	# 60
19) n-Nitroso-di-n-propylamine	7.62	70	59482	35.18	ng	# 77
20) 3+4-Methylphenols	7.62	107	93412	37.95	ng	96
22) Acetophenone	7.63	105	126508	40.05	ng	# 98
24) Nitrobenzene	7.80	77	91706	38.89	ng	98
25) Isophorone	8.04	82	177598	39.31	ng	98
26) 2-Nitrophenol	8.13	139	38777	38.00	ng	99
27) 2,4-Dimethylphenol	8.16	122	80587	40.14	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	112176	39.98	ng	99
29) 2,4-Dichlorophenol	8.37	162	72554	40.70	ng	97
30) 1,2,4-Trichlorobenzene	8.46	180	75558	35.67	ng	95
31) Naphthalene	8.54	128	258268m	36.78	ng	
32) Benzoic acid	8.21	122	35973	36.67	ng	94
33) 4-Chloroaniline	8.58	127	58660	20.96	ng	97
34) Hexachlorobutadiene	8.66	225	47604	36.94	ng	99
35) Caprolactam	8.92	113	22072	40.10	ng	# 81
36) 4-Chloro-3-methylphenol	9.05	107	72021	39.16	ng	94
37) 2-Methylnaphthalene	9.24	142	173076	38.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	77936	37.71	ng	97
40) Hexachlorocyclopentadiene	9.40	237	66813	77.96	ng	94

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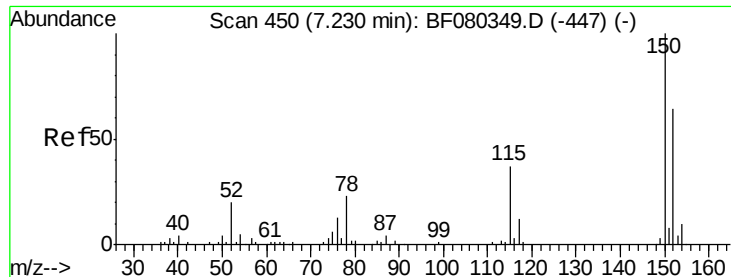
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	52297	38.41	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	62902	39.63	ng	98
45) 1,1'-Biphenyl	9.70	154	228943	39.55	ng	99
46) 2-Chloronaphthalene	9.73	162	167456	37.94	ng	99
47) 2-Nitroaniline	9.81	65	51101	41.38	ng	98
48) Acenaphthylene	10.14	152	270732	36.85	ng	99
49) Dimethylphthalate	9.98	163	196155	37.46	ng	99
50) 2,6-Dinitrotoluene	10.05	165	46225	42.23	ng	93
51) Acenaphthene	10.33	154	176491	40.13	ng	97
52) 3-Nitroaniline	10.22	138	31157	25.26	ng	96
53) 2,4-Dinitrophenol	10.34	184	35711	75.45	ng	97
54) Dibenzofuran	10.50	168	254463	40.70	ng	99
55) 4-Nitrophenol	10.37	139	79612	88.05	ng	89
56) 2,4-Dinitrotoluene	10.46	165	56848	40.38	ng	99
57) Fluorene	10.84	166	221627	41.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	52760	41.50	ng	# 99
59) Diethylphthalate	10.69	149	219130	41.90	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	96976	40.70	ng	97
61) 4-Nitroaniline	10.84	138	45746	38.20	ng	98
62) Azobenzene	10.99	77	198396	39.94	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	28930	37.24	ng	95
65) n-Nitrosodiphenylamine	10.94	169	174358	39.55	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	57311	36.15	ng	# 86
67) Hexachlorobenzene	11.40	284	61613	37.05	ng	# 79
68) Atrazine	11.47	200	55991	42.67	ng	94
69) Pentachlorophenol	11.60	266	68865	83.75	ng	94
70) Phenanthrene	11.82	178	312916	37.70	ng	99
71) Anthracene	11.88	178	319913	39.31	ng	99
72) Carbazole	12.04	167	298738	39.35	ng	98
73) Di-n-butylphthalate	12.39	149	358024	41.23	ng	100
74) Fluoranthene	13.14	202	339576	38.07	ng	94
76) Benzidine	13.27	184	155748	39.97	ng	98
77) Pyrene	13.40	202	364974	39.28	ng	99
79) Butylbenzylphthalate	14.15	149	144285	38.91	ng	# 85
80) Benzo(a)anthracene	14.89	228	359185	38.80	ng	99
81) 3,3'-Dichlorobenzidine	14.84	252	89857	29.27	ng	99
82) Chrysene	14.95	228	330707	38.18	ng	99
83) Bis(2-ethylhexyl)phthalate	14.89	149	227421	40.24	ng	# 97
84) Di-n-octyl phthalate	15.76	149	370790	39.72	ng	98
85) Indeno(1,2,3-cd)pyrene	18.64	276	363971	35.73	ng	100
87) Benzo(b)fluoranthene	16.32	252	384941	42.93	ng	98
88) Benzo(k)fluoranthene	16.35	252	289781	34.14	ng	99
89) Benzo(a)pyrene	16.76	252	326829	39.86	ng	98
90) Dibenzo(a,h)anthracene	18.66	278	309291	38.30	ng	99
91) Benzo(g,h,i)perylene	19.17	276	312448	38.15	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

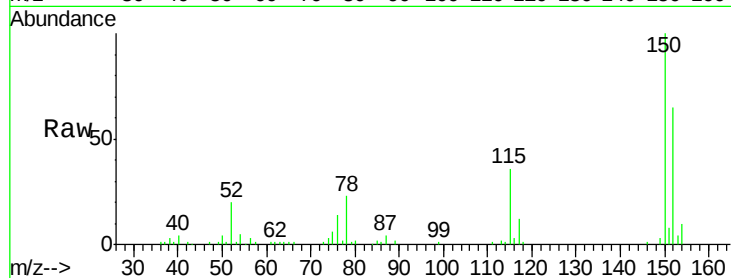
ClientSampleId :

PB84373BS

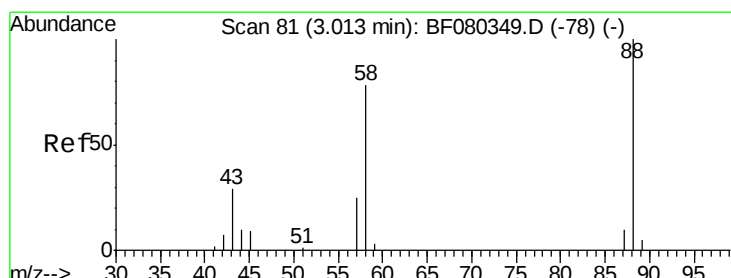
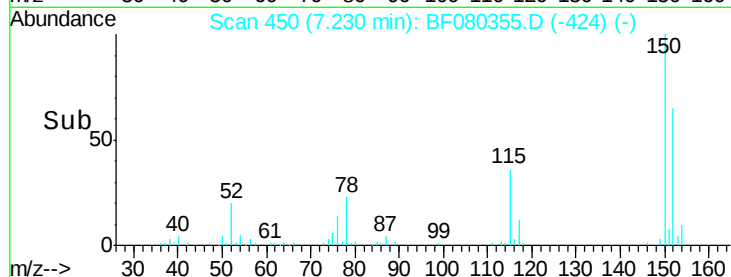
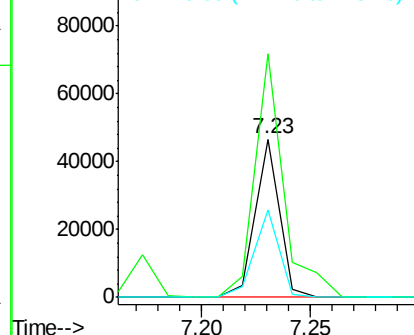
Tgt Ion:	152	Resp:	35999
Ion Ratio	Lower	Upper	
152	100		
150	154.2	124.7	187.1
115	55.5	45.7	68.5

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



#2

1,4-Dioxane

Concen: 31.47 ng

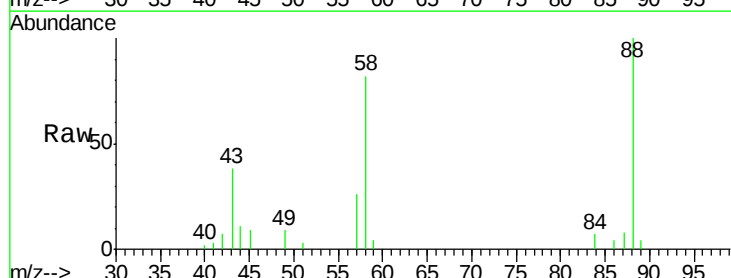
RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

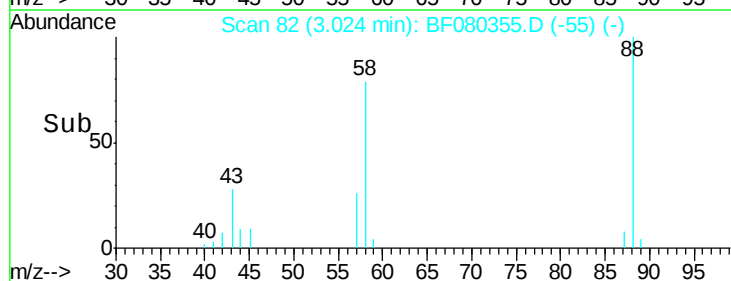
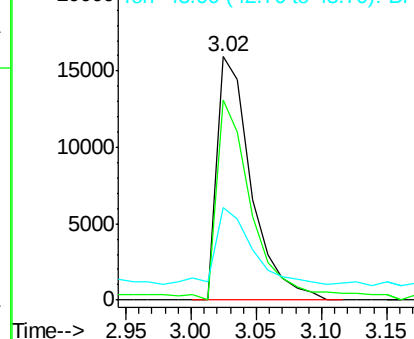
Lab File: BF080355.D

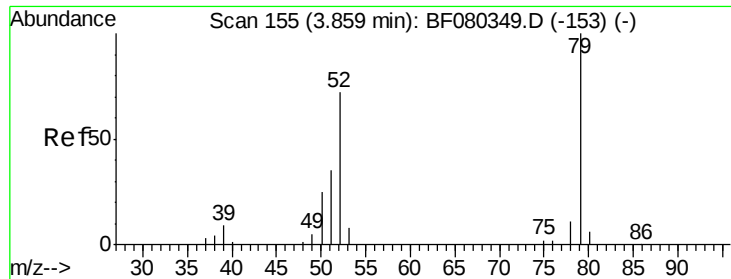
Acq: 6 Jul 2015 20:22

Tgt Ion:	88	Resp:	29204
Ion Ratio	Lower	Upper	
88	100		
58	87.8	61.0	91.6
43	33.3	23.4	35.0



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





#3

Pyridine

Concen: 33.29 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

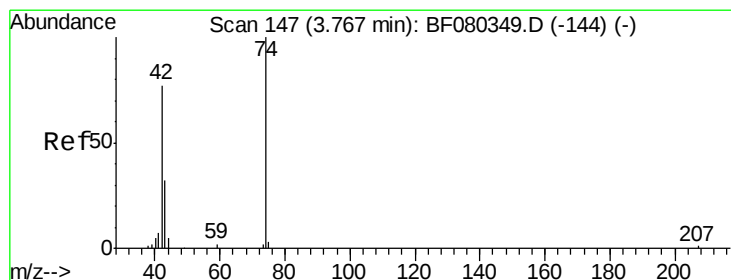
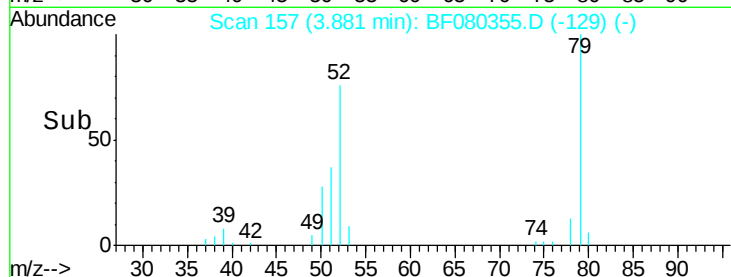
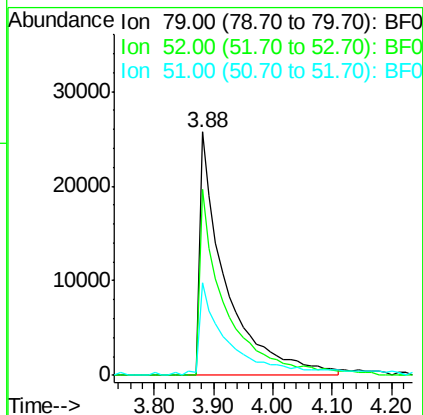
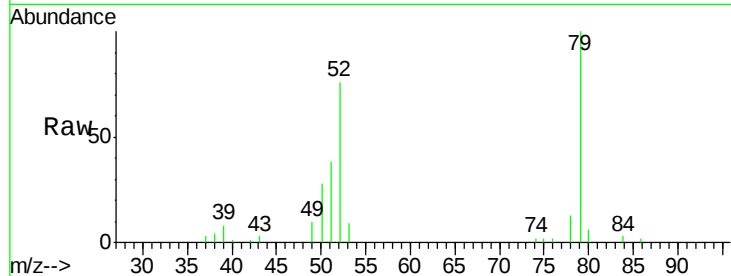
ClientSampleId :

PB84373BS

Tgt Ion:	79	Resp:	78611
Ion	Ratio	Lower	Upper
79	100		
52	76.4	57.2	85.8
51	38.2	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 36.14 ng

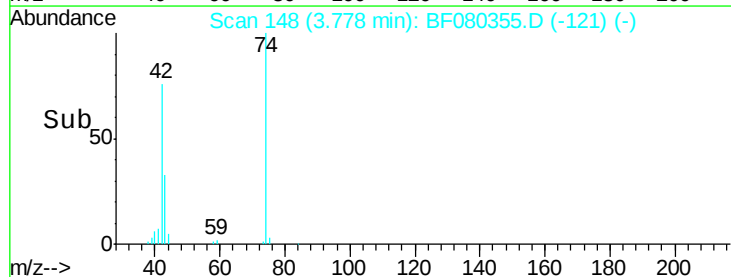
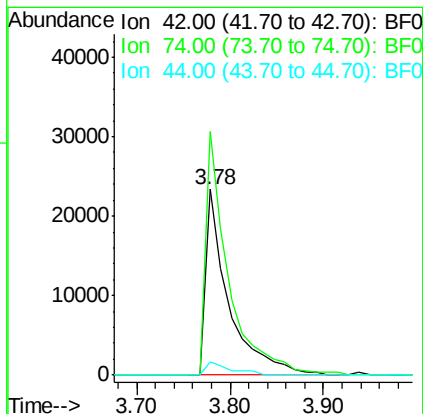
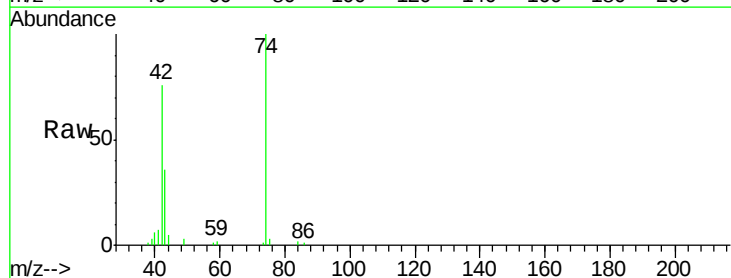
RT: 3.78 min Scan# 148

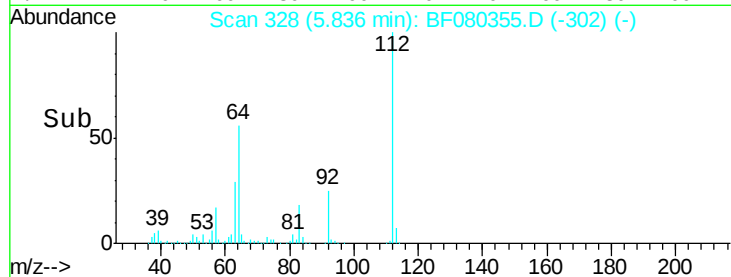
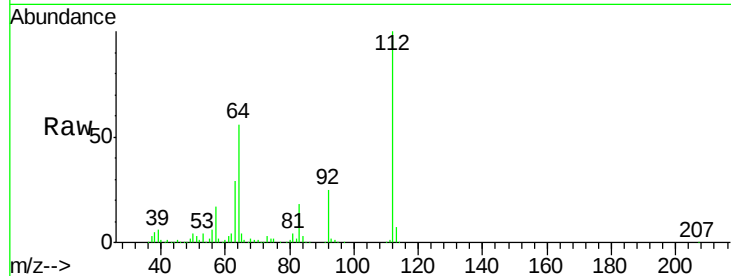
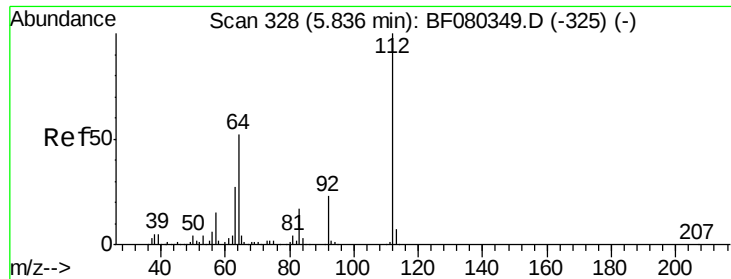
Delta R.T. 0.01 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion:	42	Resp:	40109
Ion	Ratio	Lower	Upper
42	100		
74	131.1	103.4	155.0
44	7.0	5.4	8.0





#5

2-Fluorophenol

Concen: 121.34 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	238497		
64	56.3	41.8	62.6	
63	29.0	21.5	32.3	

Instrument :

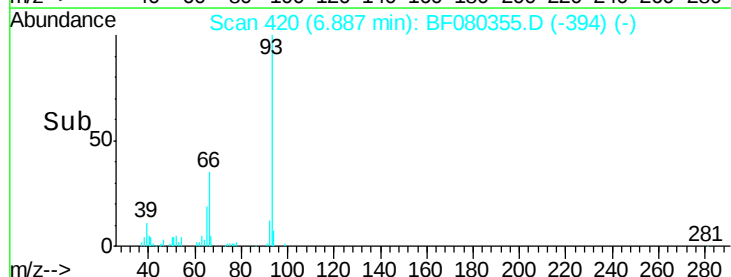
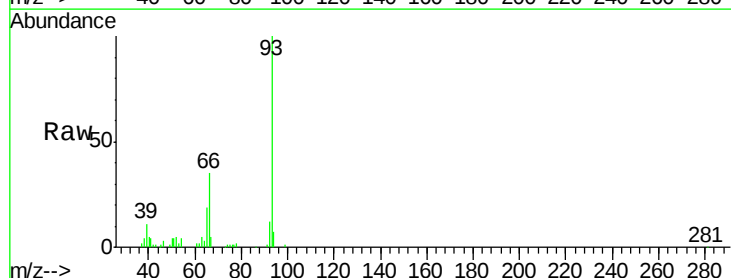
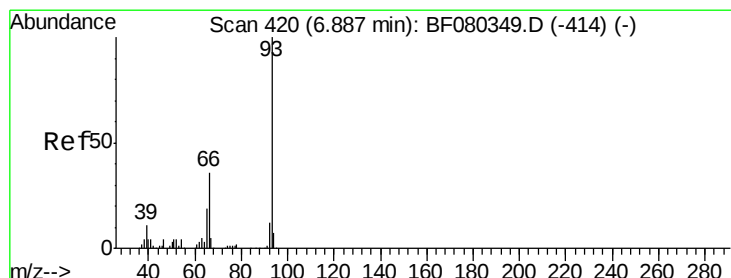
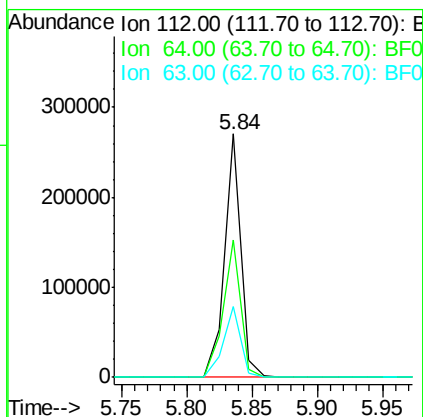
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ClientSampleId :

PB84373BS

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#6

Aniline

Concen: 22.50 ng

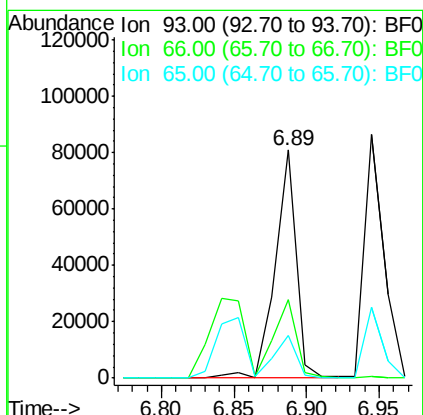
RT: 6.89 min Scan# 420

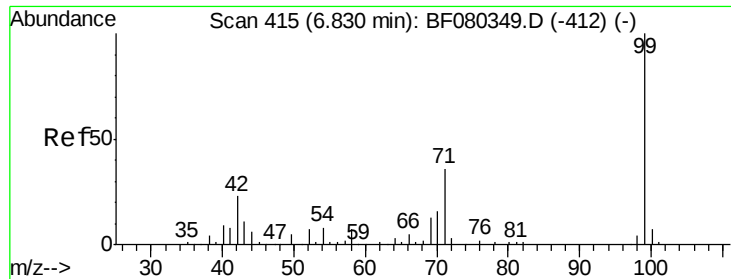
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	81175		
66	34.6	28.7	43.1	
65	18.6	14.8	22.2	





#7

Phenol-d6

Concen: 113.68 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

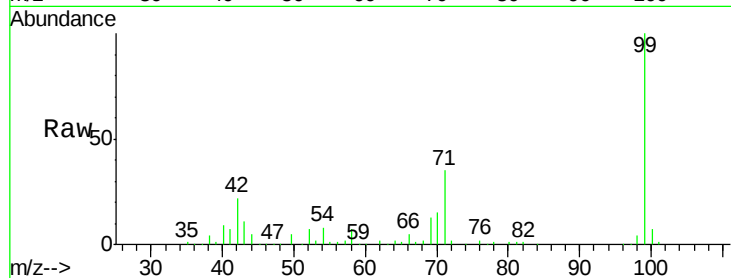
ClientSampleId :

PB84373BS

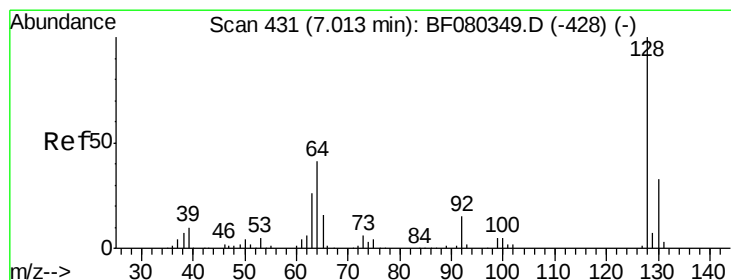
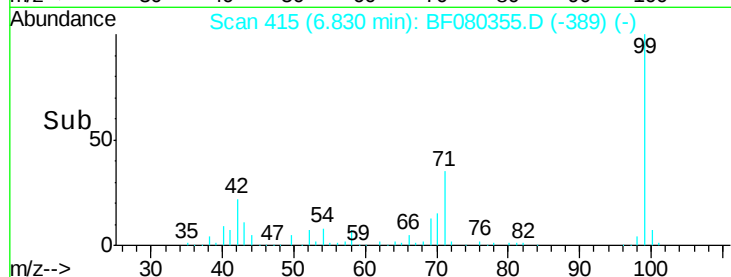
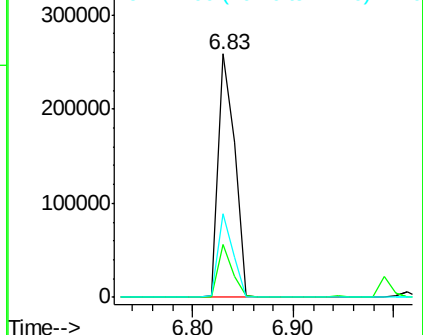
Tgt Ion:	99	Resp:	296182
Ion Ratio	Lower	Upper	
99	100		
42	22.0	18.5	27.7
71	34.6	28.5	42.7

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



#8

2-Chlorophenol

Concen: 38.66 ng

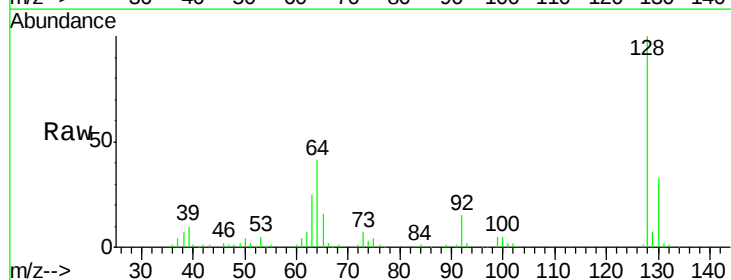
RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

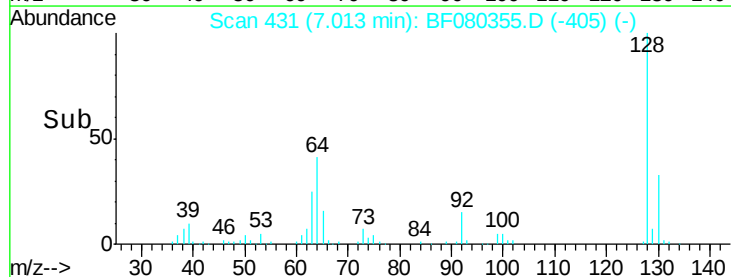
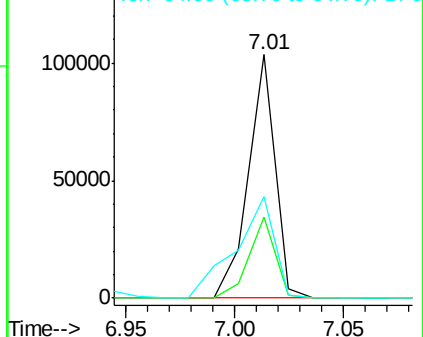
Lab File: BF080355.D

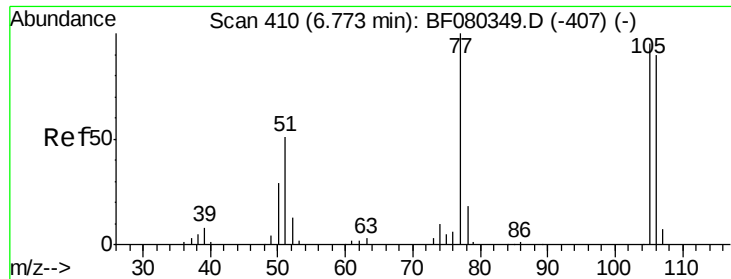
Acq: 6 Jul 2015 20:22

Tgt Ion:	128	Resp:	88093
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.8	52.8
64	41.4	21.1	61.1



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





#9

Benzaldehyde

Concen: 38.46 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

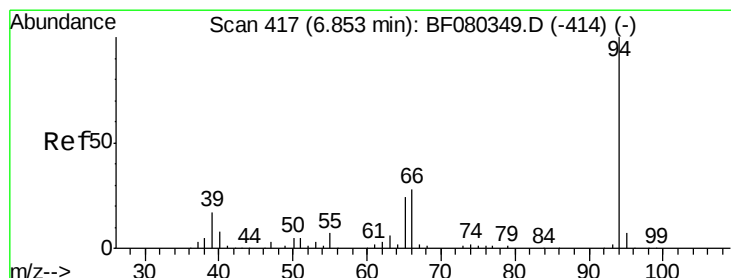
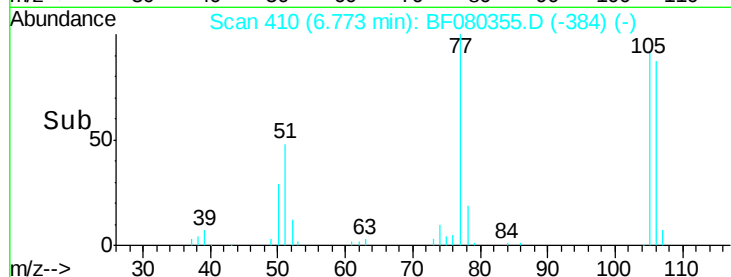
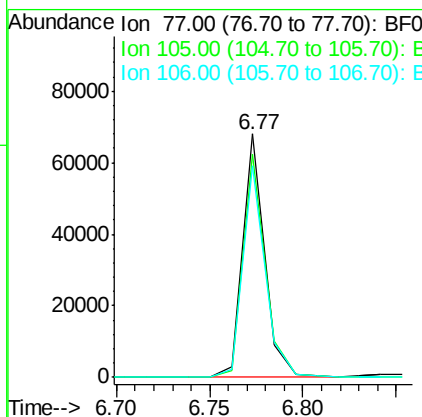
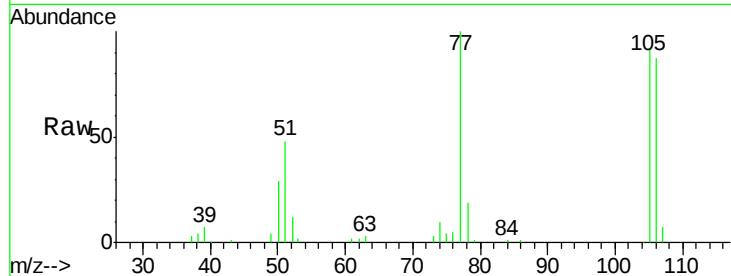
ClientSampleId :

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Tgt Ion:	77	Resp:	55734
Ion	Ratio	Lower	Upper
77	100		
105	91.9	75.2	115.2
106	86.9	69.9	109.9



#10

Phenol

Concen: 38.06 ng

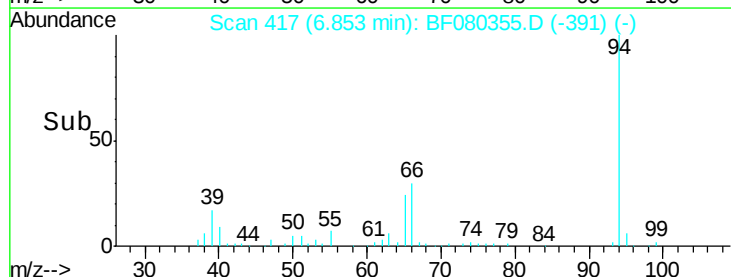
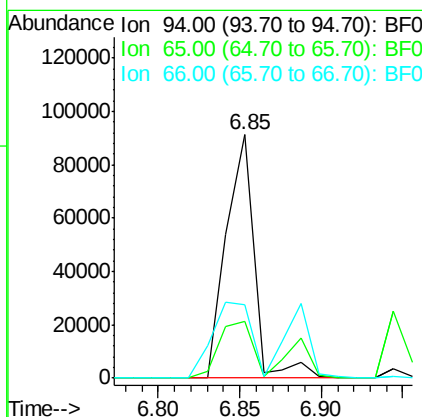
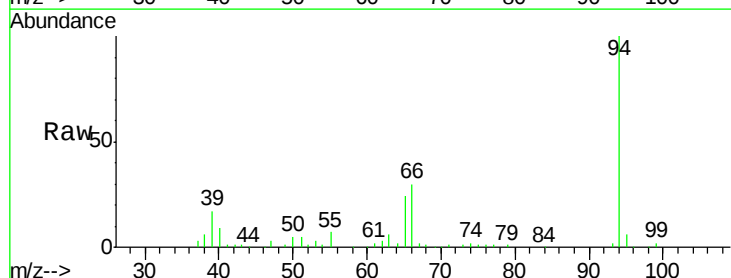
RT: 6.85 min Scan# 417

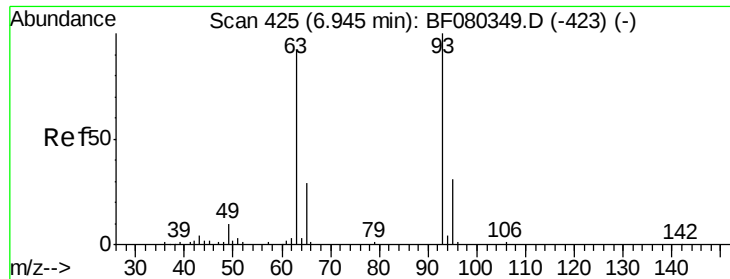
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion:	94	Resp:	107545
Ion	Ratio	Lower	Upper
94	100		
65	23.5	3.5	43.5
66	30.0	8.5	48.5





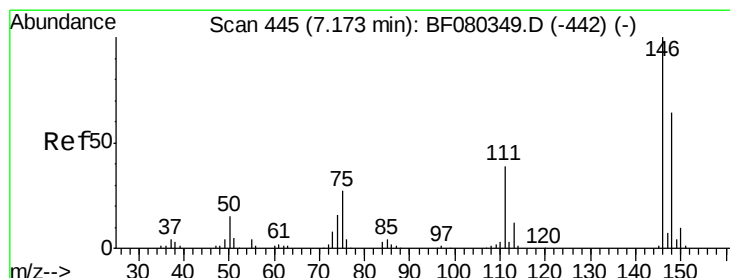
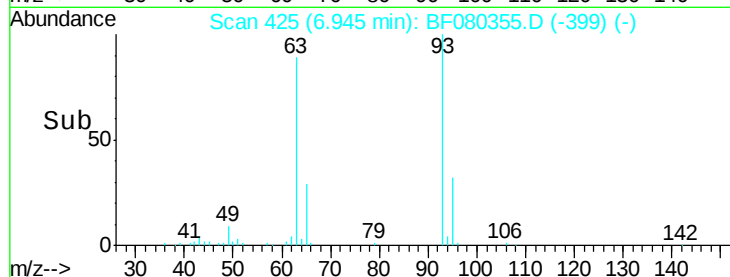
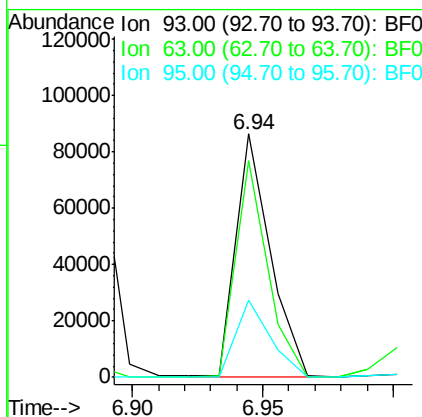
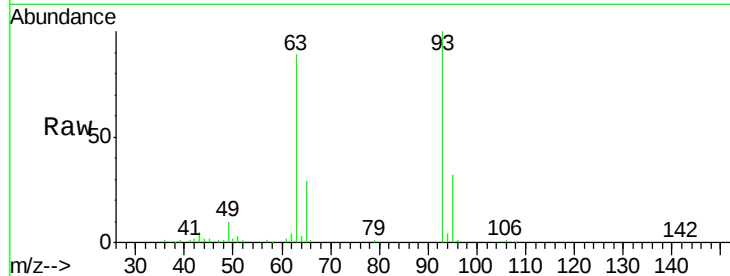
#11
bis(2-Chloroethyl)ether
Concen: 37.69 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:	93	Resp:	80341
Ion	Ratio	Lower	Upper
93	100		
63	89.2	71.3	111.3
95	31.9	11.3	51.3

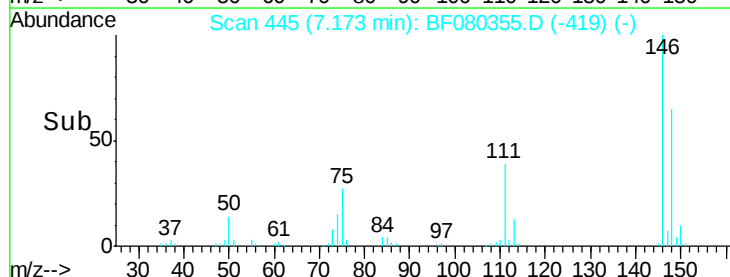
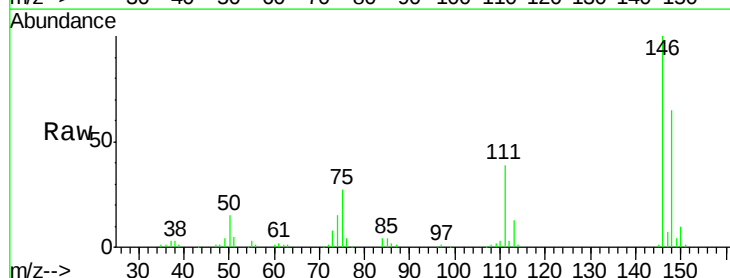
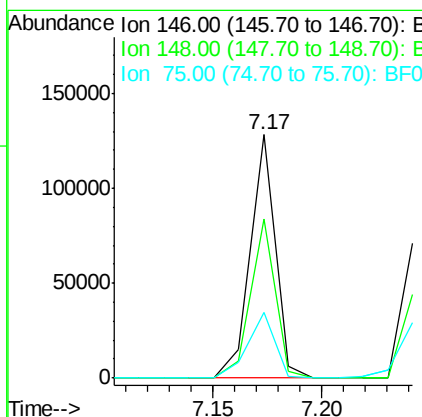
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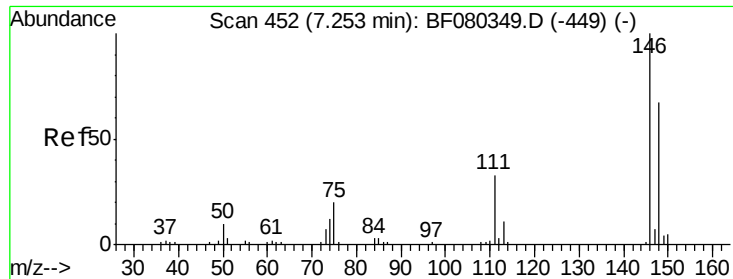
apatel
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#12
1,3-Dichlorobenzene
Concen: 36.69 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:	146	Resp:	102639
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
75	26.7	21.5	32.3





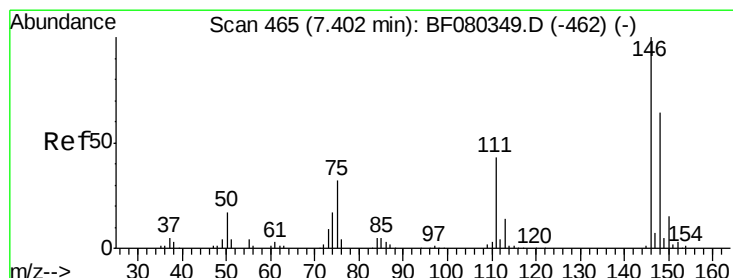
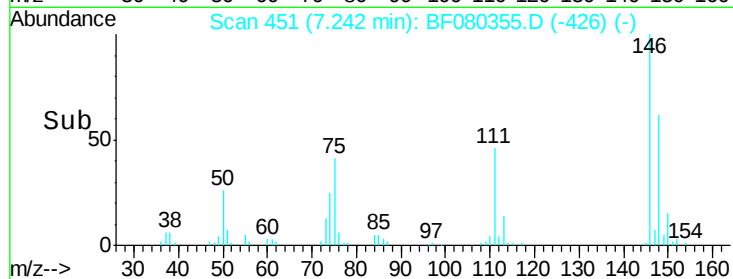
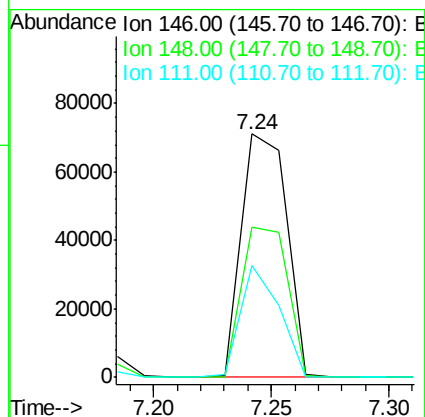
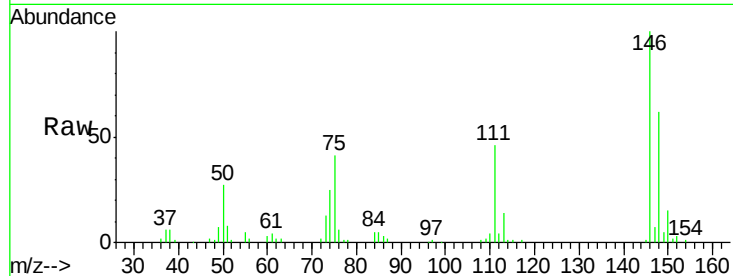
#13
1,4-Dichlorobenzene
Concen: 36.37 ng m
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.4	80.0
111	46.1	26.2	39.2

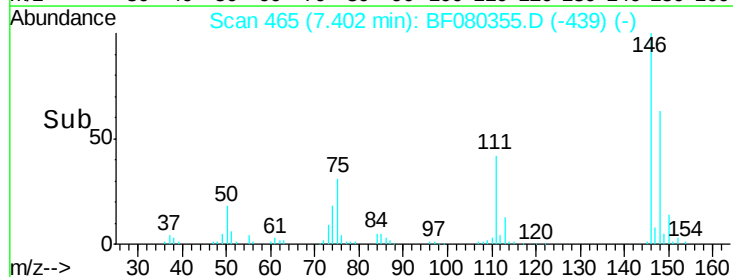
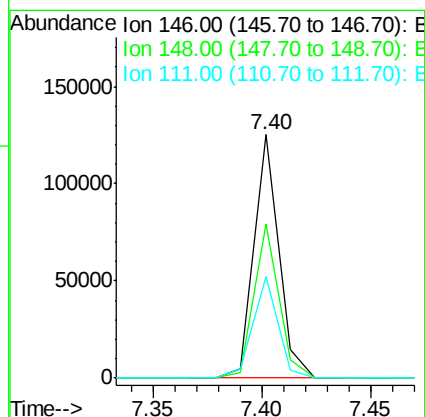
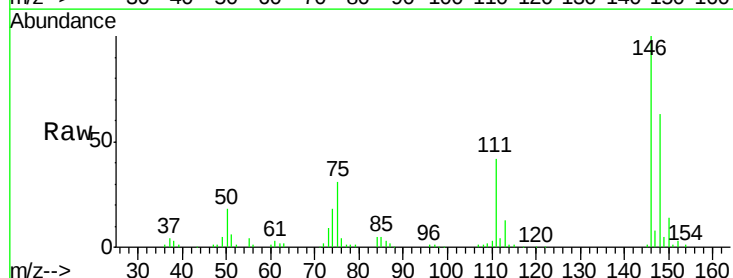
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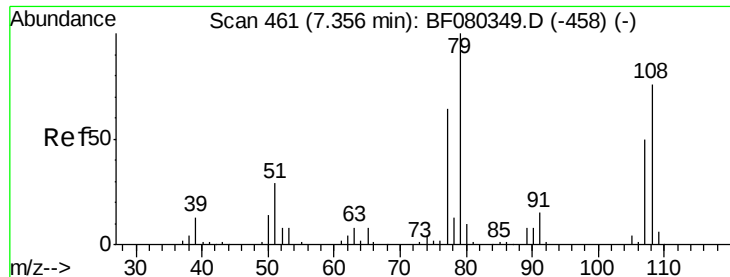
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#14
1,2-Dichlorobenzene
Concen: 37.55 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
111	42.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 39.30 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

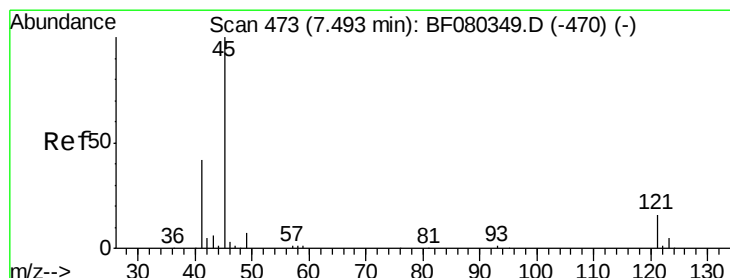
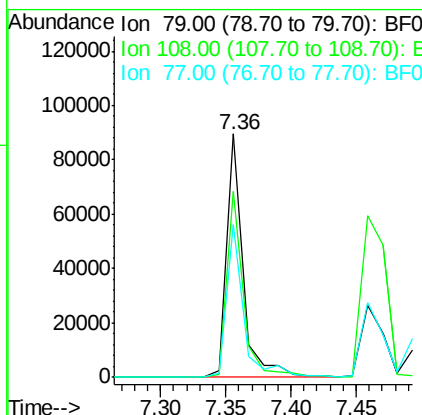
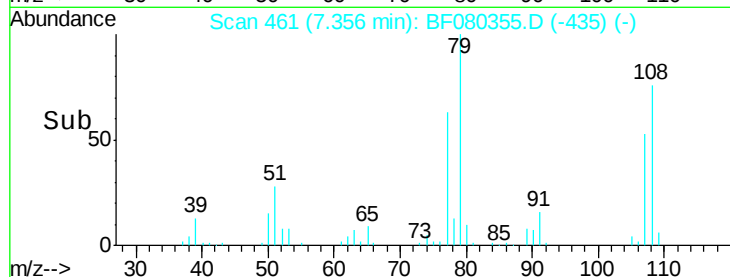
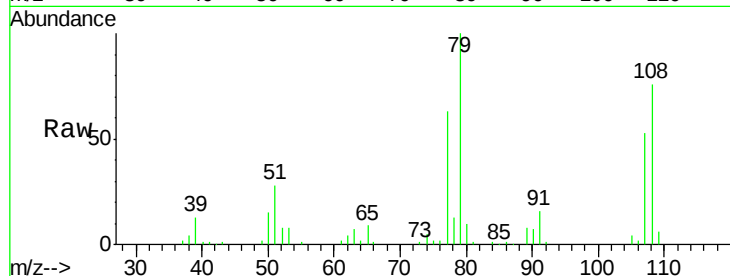
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Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.6	90.8
77	62.9	50.8	76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.97 ng

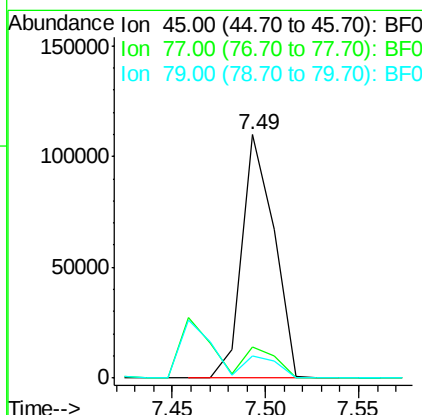
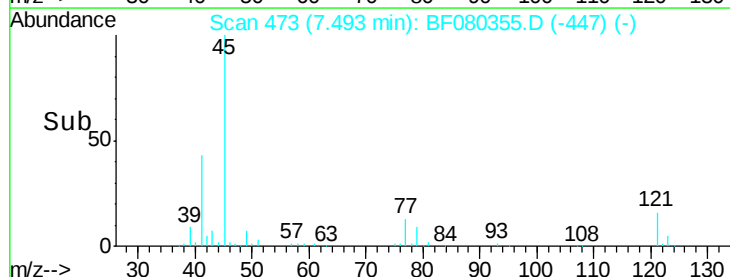
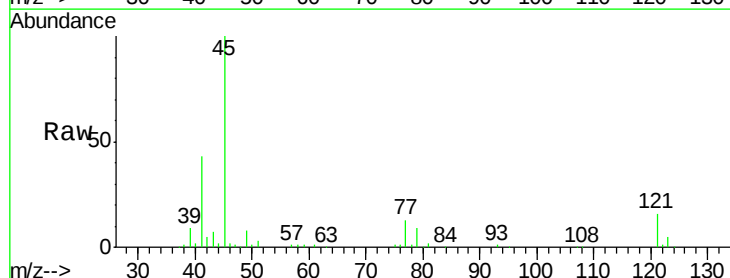
RT: 7.49 min Scan# 473

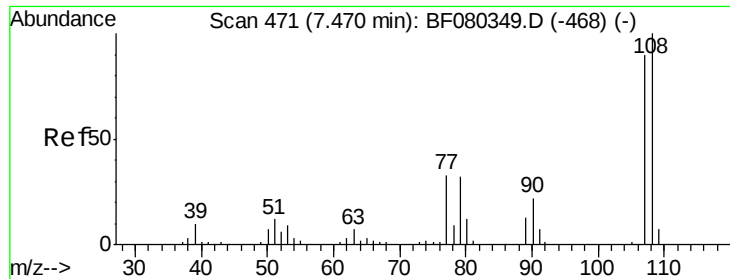
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	31.9
79	9.2	0.0	29.7





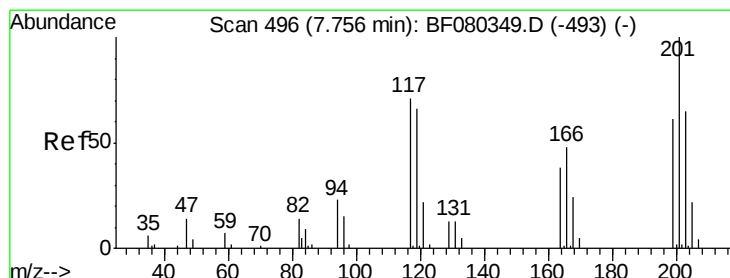
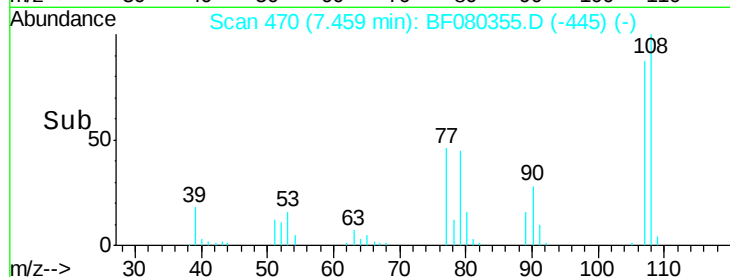
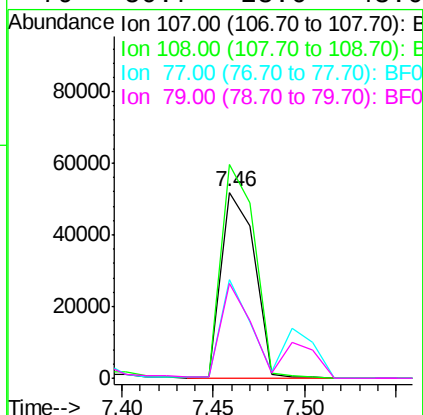
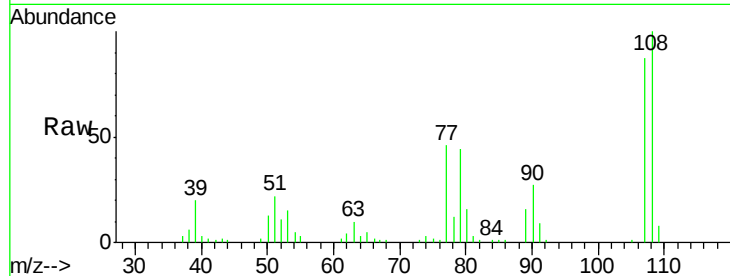
#17
2-Methylphenol
Concen: 37.58 ng m
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	66370		
108	115.0	89.3	133.9	
77	53.0	29.5	44.3	
79	50.7	28.6	43.0	

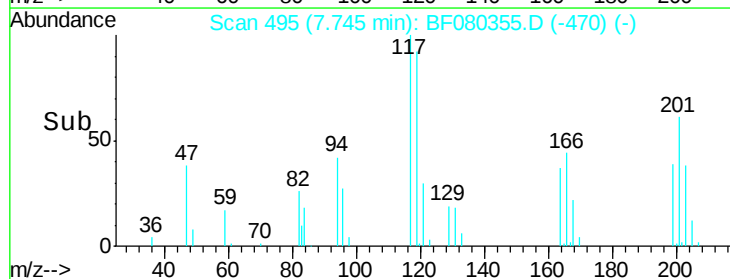
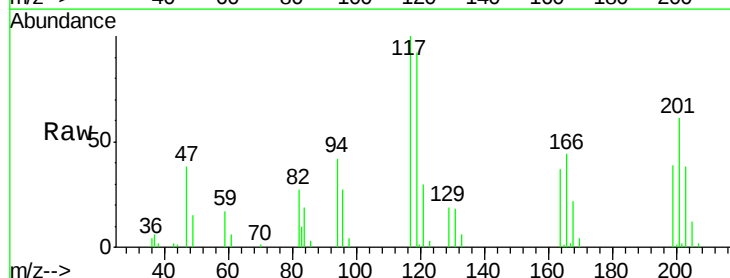
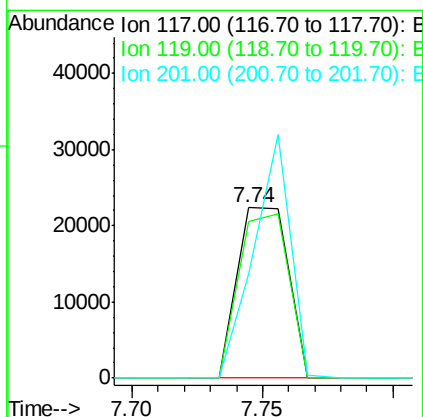
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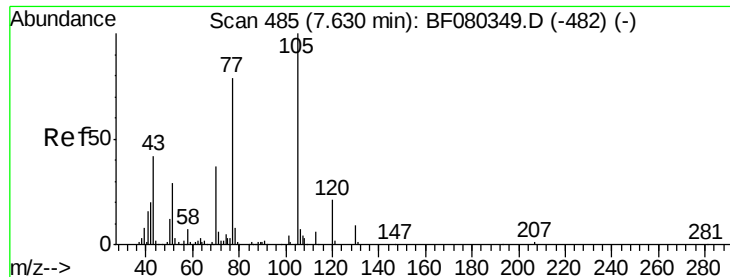
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#18
Hexachloroethane
Concen: 36.42 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30565		
119	92.0	74.2	111.4	
201	60.9	112.4	168.6	





#19

n-Nitroso-di-n-propylamine

Concen: 35.18 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

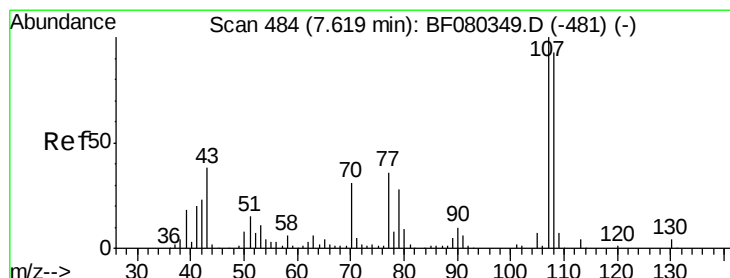
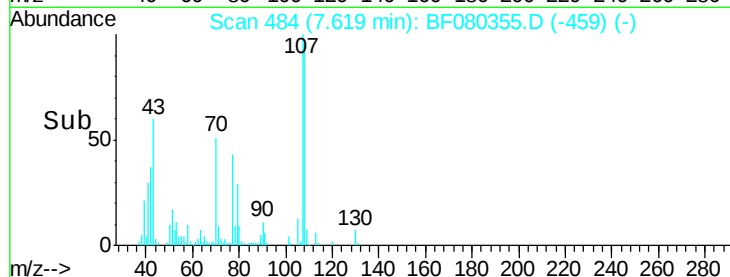
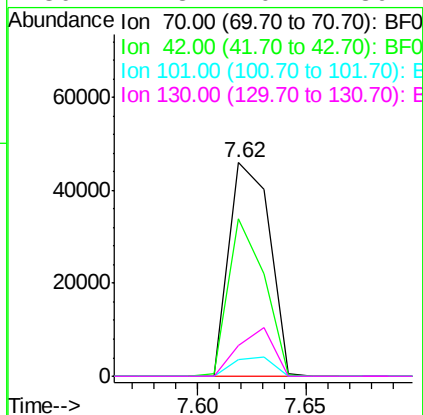
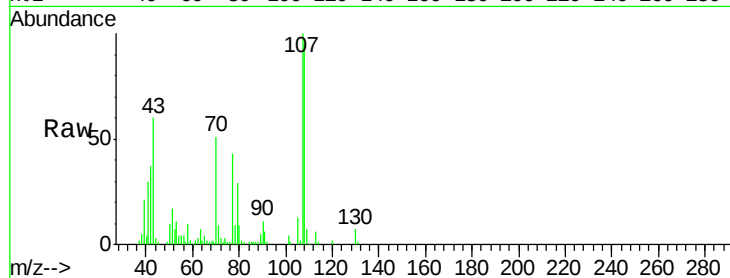
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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.5	43.0	64.6#	
101	8.0	8.3	12.5#	
130	14.3	20.2	30.2#	



#20

3+4-Methylphenols

Concen: 37.95 ng

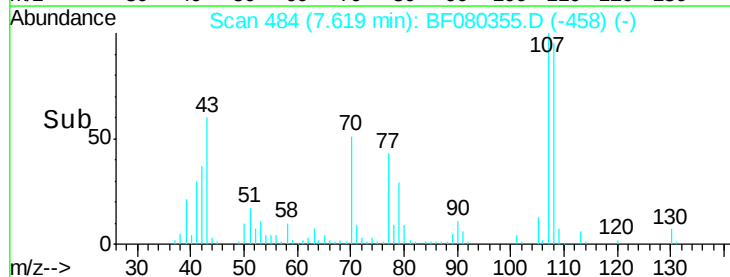
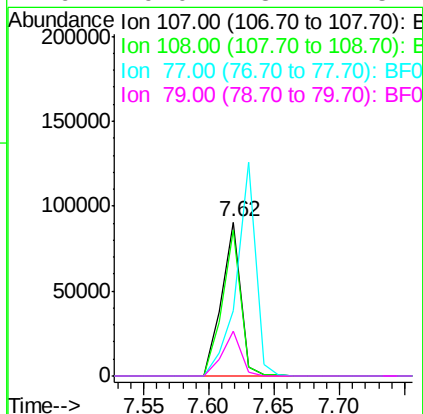
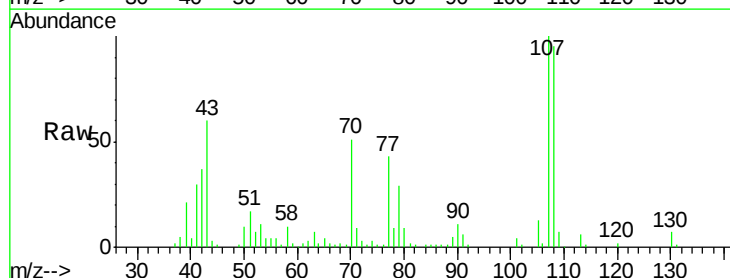
RT: 7.62 min Scan# 484

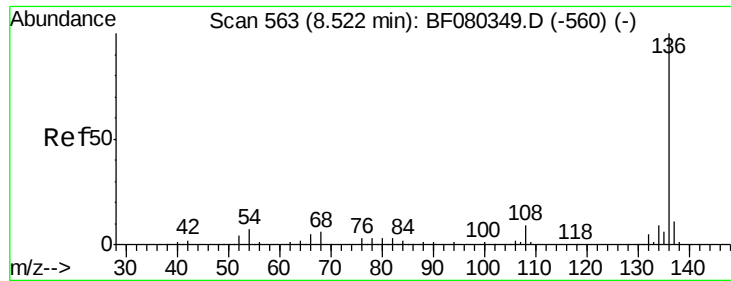
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.0	73.4	113.4	
77	42.7	16.4	56.4	
79	29.0	8.2	48.2	





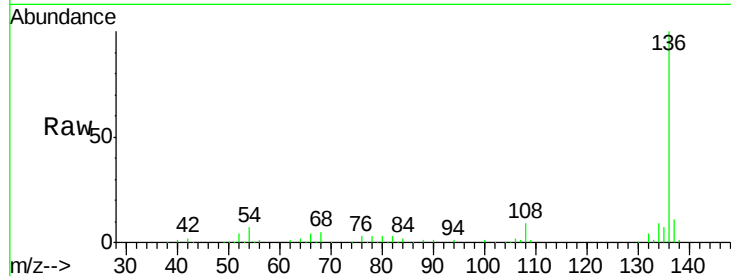
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

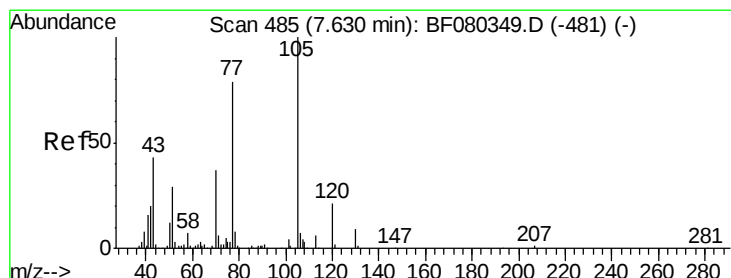
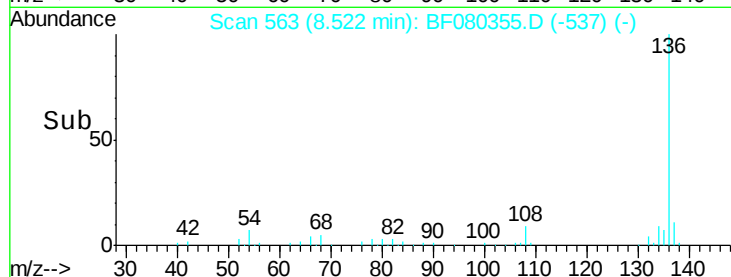
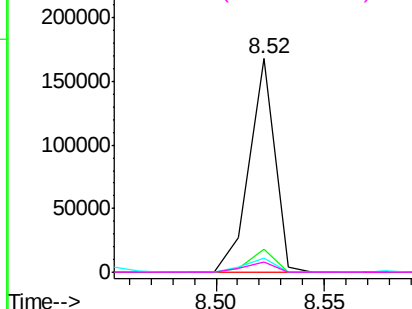
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	136910		
137	10.5	8.5	12.7	
54	6.8	5.8	8.8	
68	5.0	4.6	6.8	

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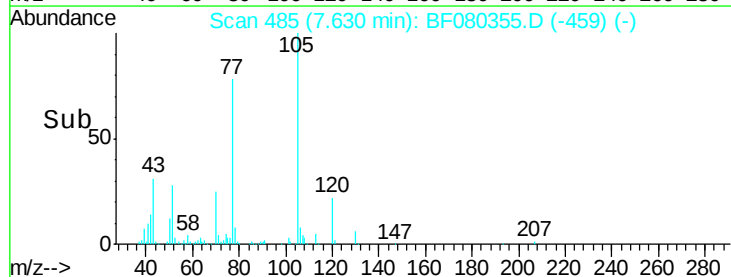
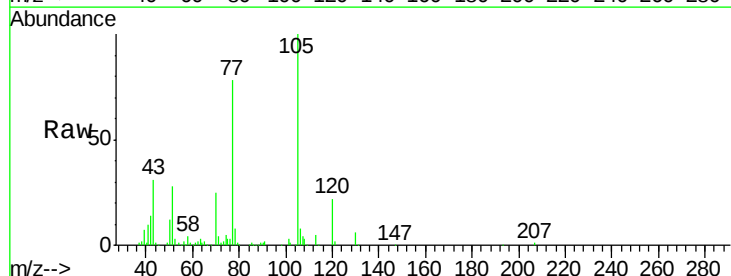
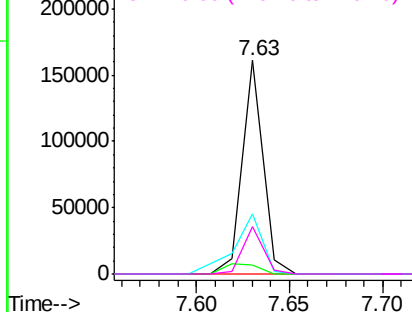
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

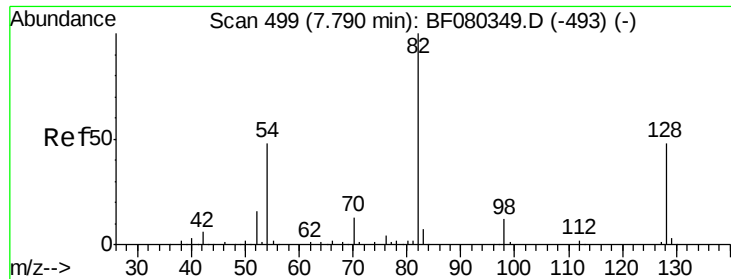


#22
Acetophenone
Concen: 40.05 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126508		
71	4.1	5.0	7.6#	
51	28.2	23.2	34.8	
120	22.1	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





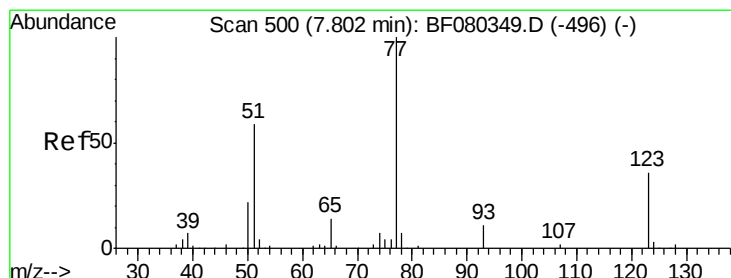
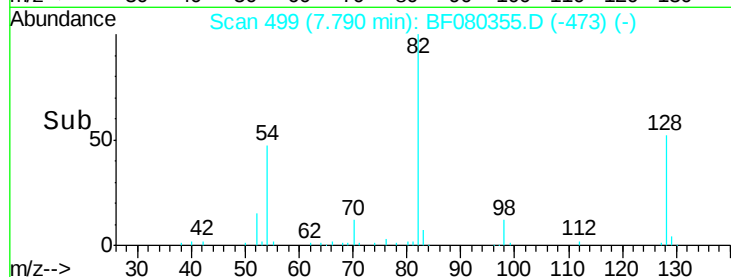
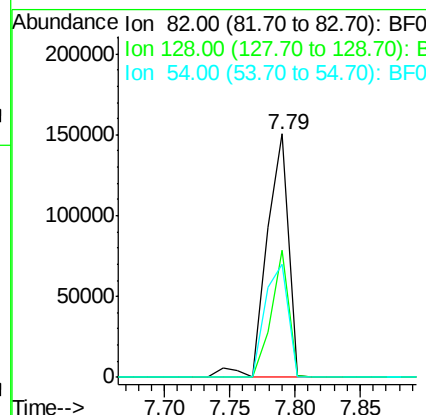
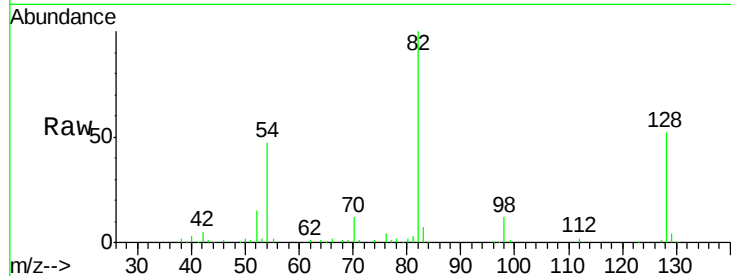
#23
 Nitrobenzene-d5
 Concen: 74.68 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	175286		
128	52.0	38.4	57.6	
54	46.7	38.2	57.2	

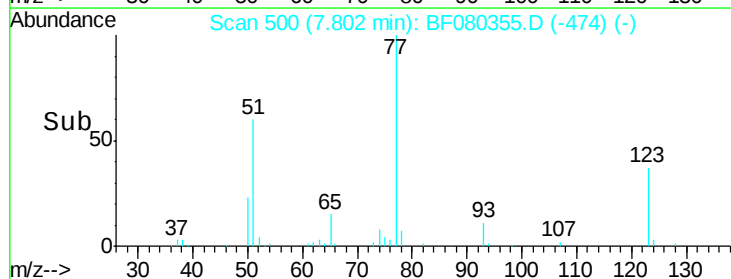
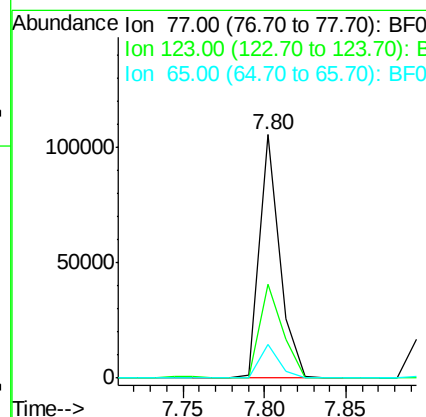
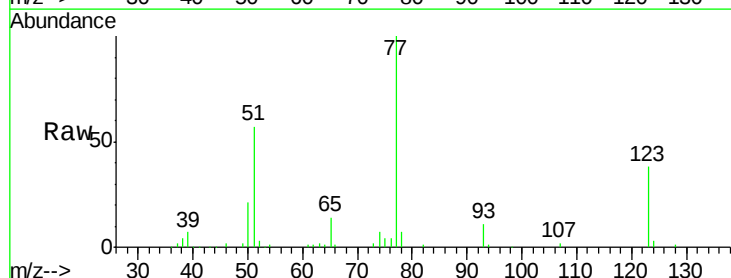
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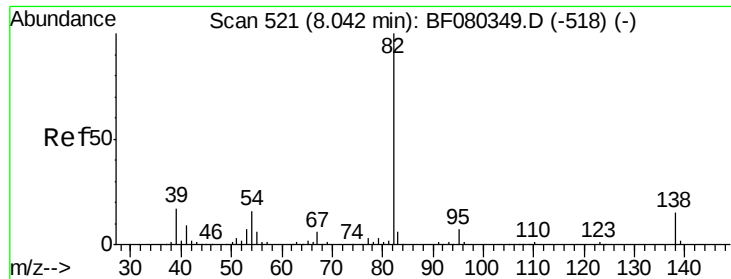
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#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	91706		
123	38.5	29.6	44.4	
65	13.6	11.1	16.7	





#25

Isophorone

Concen: 39.31 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

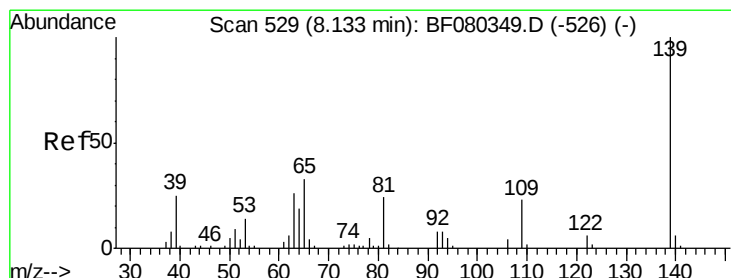
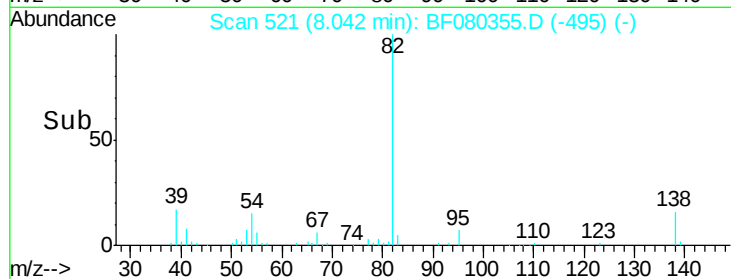
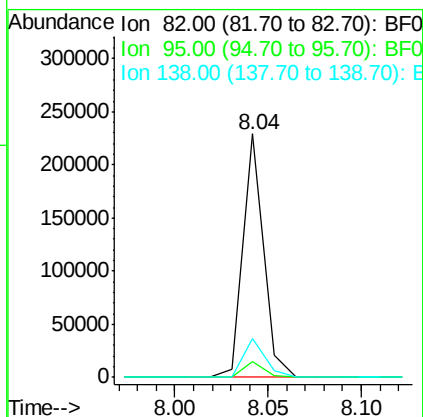
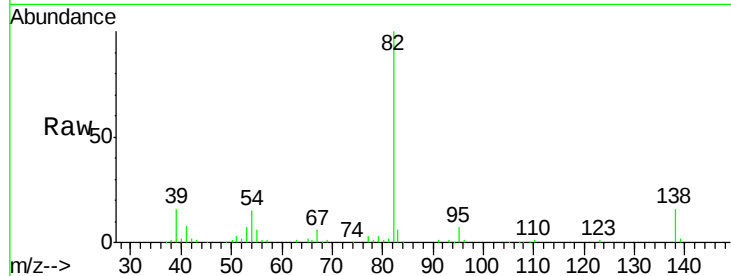
ClientSampleId :

PB84373BS

Tgt Ion:	82	Resp:	177598
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	16.0	12.0	18.0

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#26

2-Nitrophenol

Concen: 38.00 ng

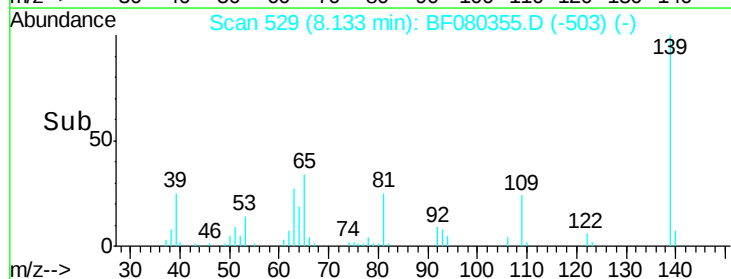
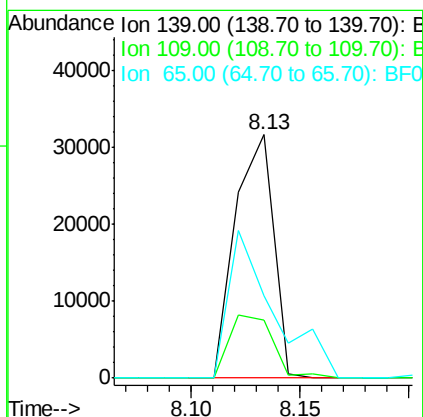
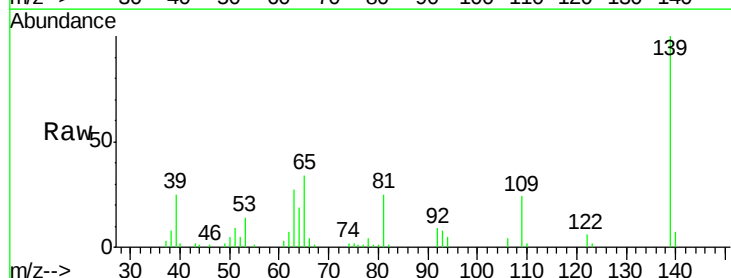
RT: 8.13 min Scan# 529

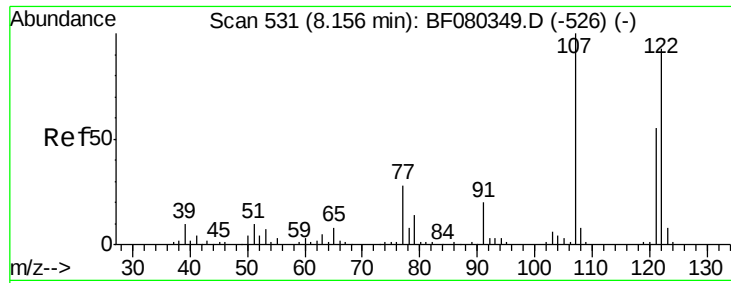
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion:	139	Resp:	38777
Ion Ratio		Lower	Upper
139	100		
109	23.7	18.4	27.6
65	33.6	26.7	40.1





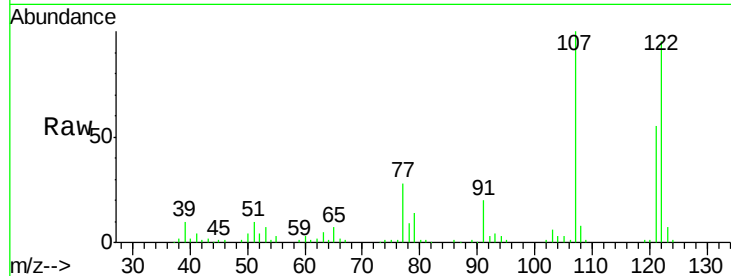
#27
 2,4-Dimethylphenol
 Concen: 40.14 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
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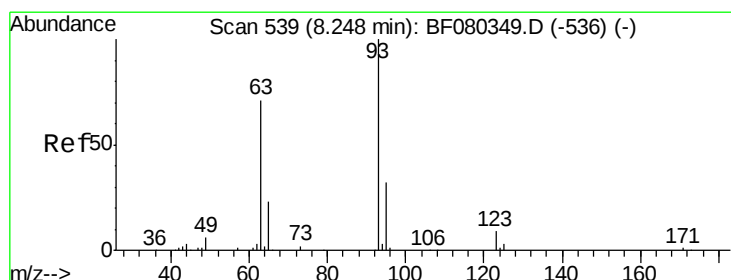
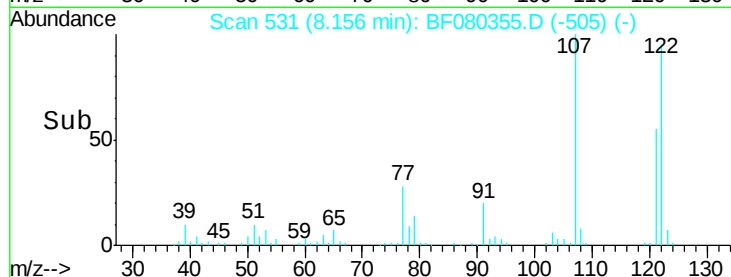
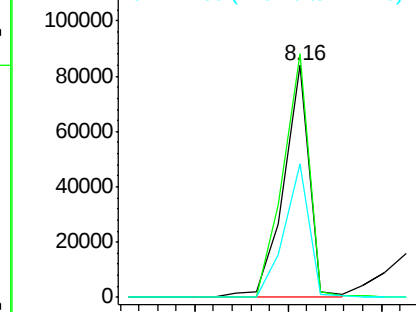
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80587		
107	105.0	85.8	128.6	
121	57.7	46.9	70.3	

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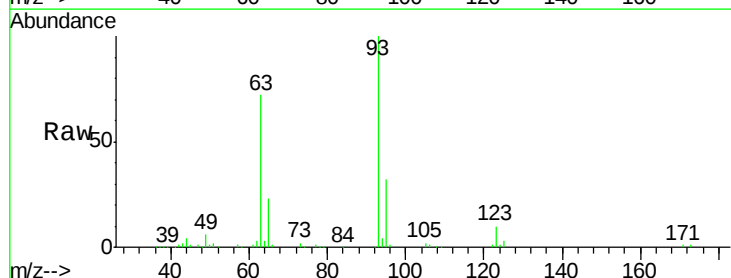


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

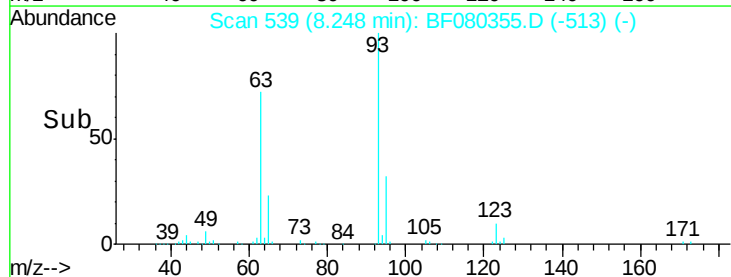
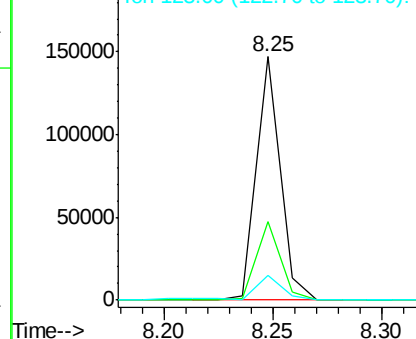


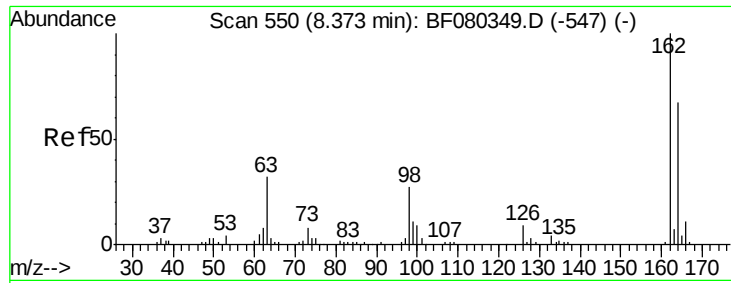
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112176		
95	32.2	25.3	37.9	
123	10.2	7.8	11.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





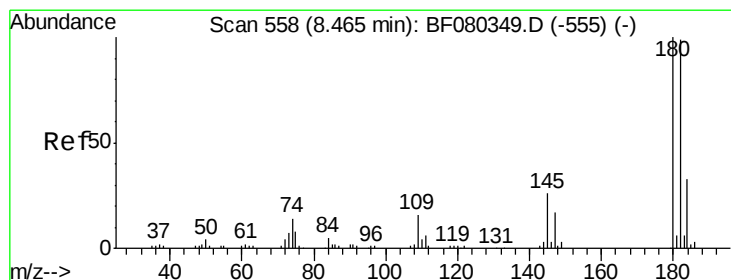
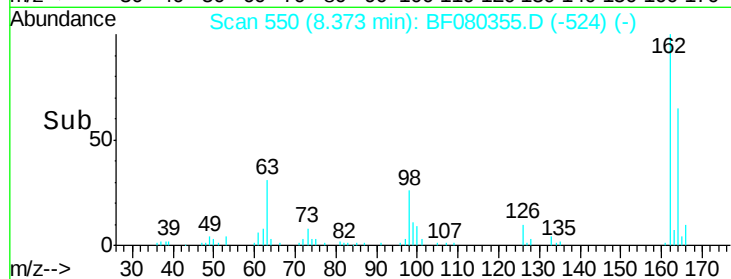
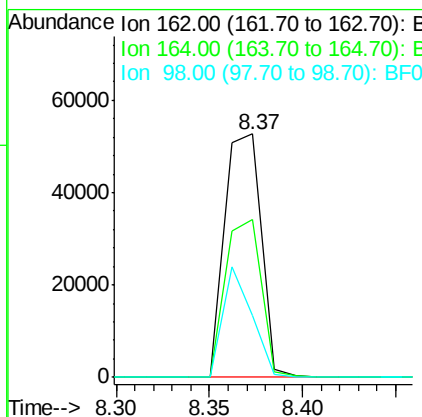
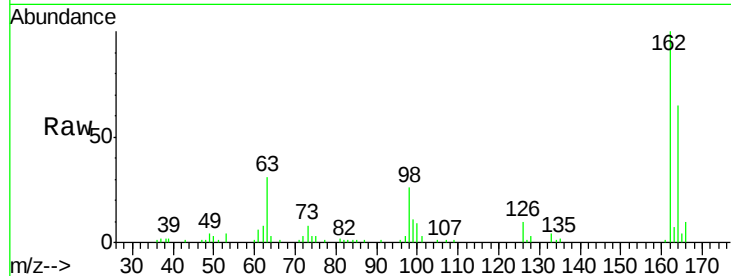
#29
 2,4-Dichlorophenol
 Concen: 40.70 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
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 PB84373BS

Tgt Ion:	162	Resp:	72554
Ion Ratio	Lower	Upper	
162	100		
164	64.6	47.0	87.0
98	25.5	6.6	46.6

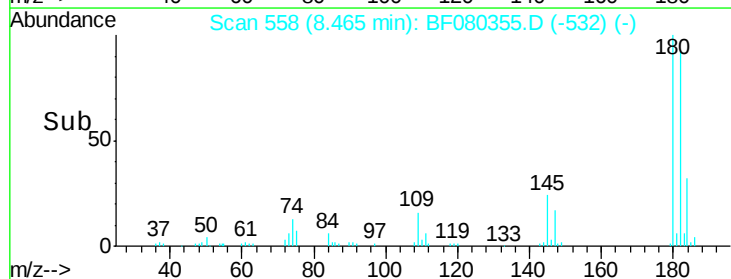
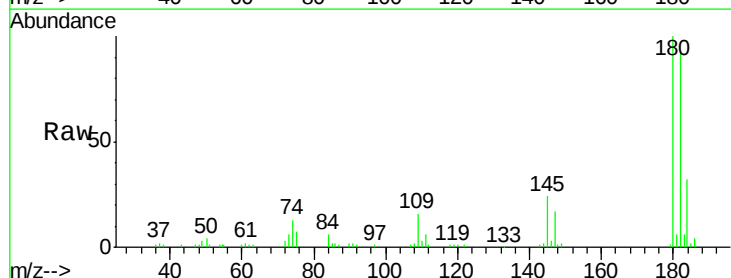
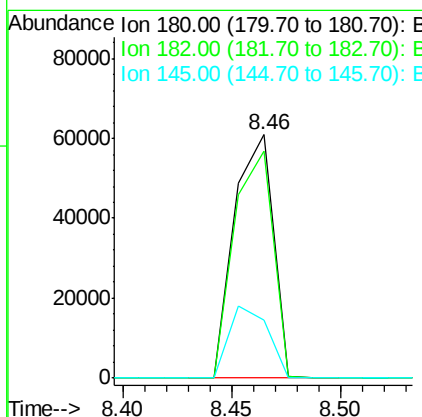
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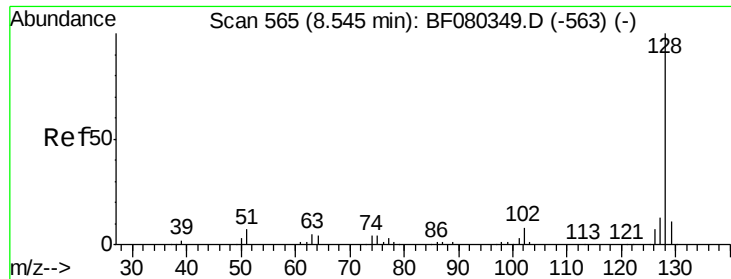
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.67 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:	180	Resp:	75558
Ion Ratio	Lower	Upper	
180	100		
182	93.4	79.0	118.4
145	23.9	20.5	30.7





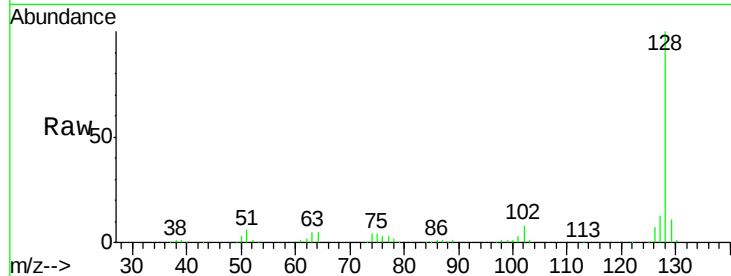
#31
Naphthalene
Concen: 36.78 ng m
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

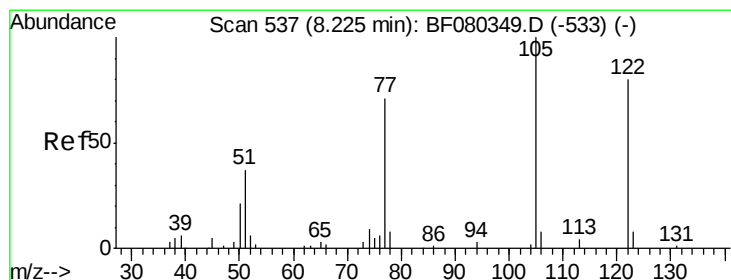
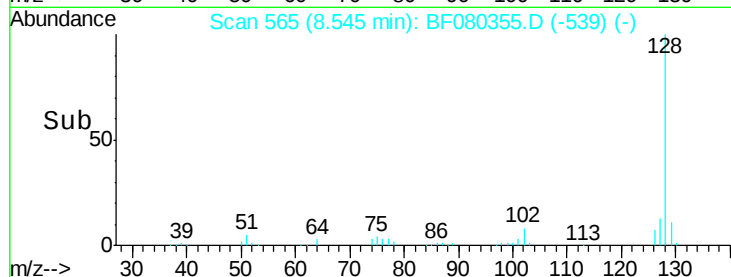
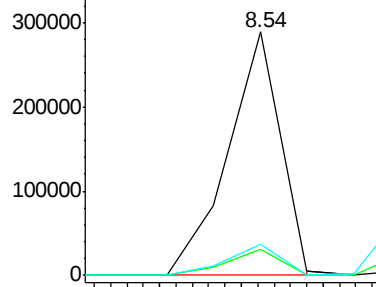
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	258268		
129	10.6	8.8	13.2	
127	12.8	10.4	15.6	

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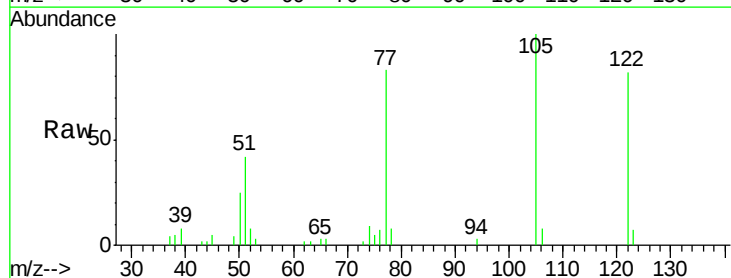


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

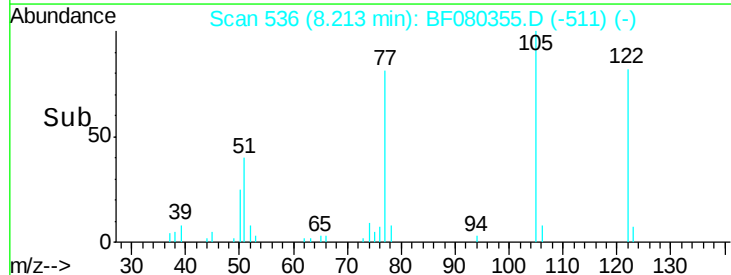
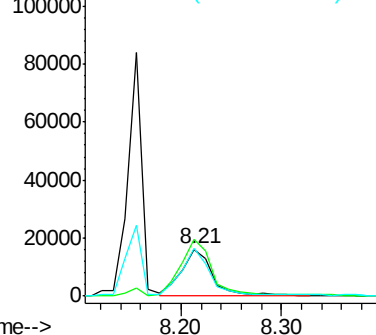


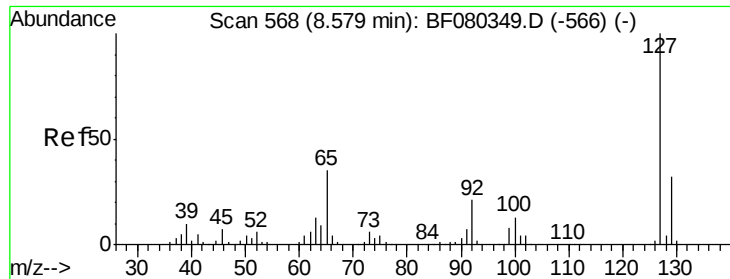
#32
Benzoic acid
Concen: 36.67 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35973		
105	122.3	102.2	142.2	
77	101.8	68.8	108.8	



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





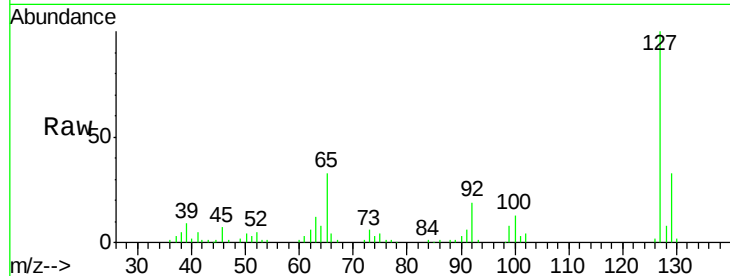
#33
4-Chloroaniline
Concen: 20.96 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
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ClientSampleId :
PB84373BS

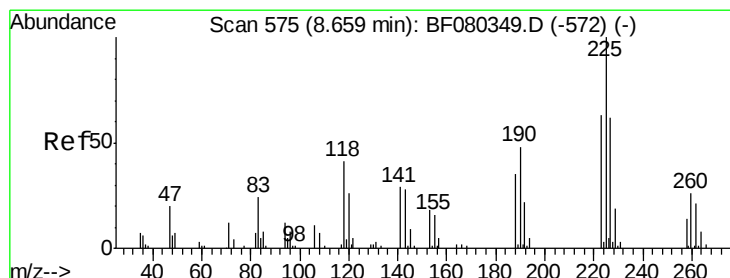
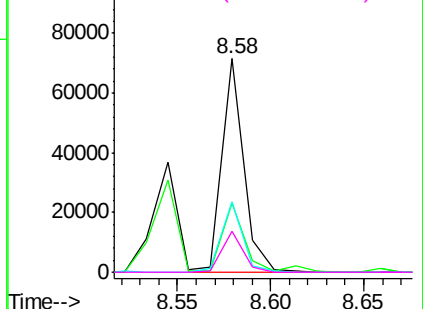
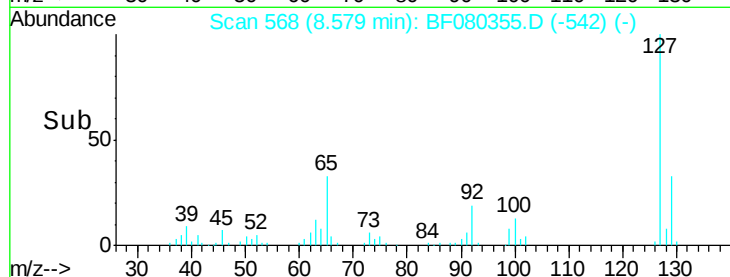
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	58660		
129	32.5	26.2	39.2	
65	32.7	28.1	42.1	
92	18.9	16.6	24.8	

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7/7/2015 4:26:05 PM

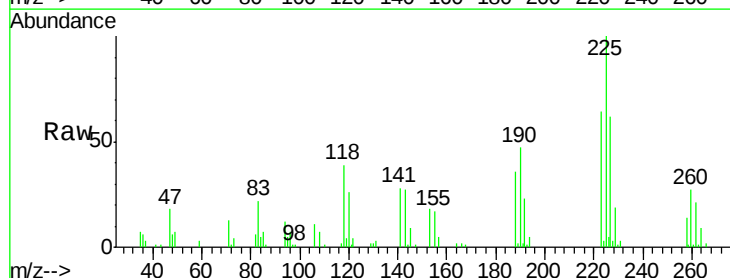


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

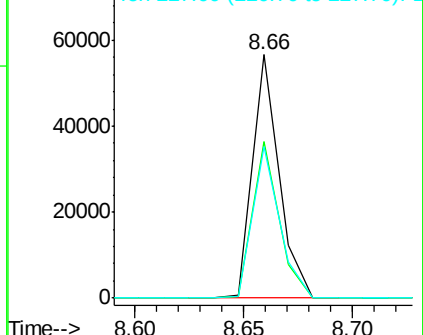
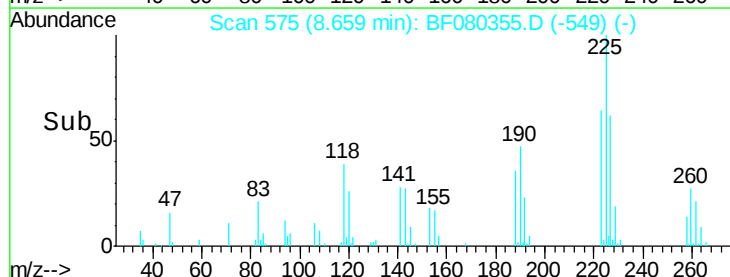


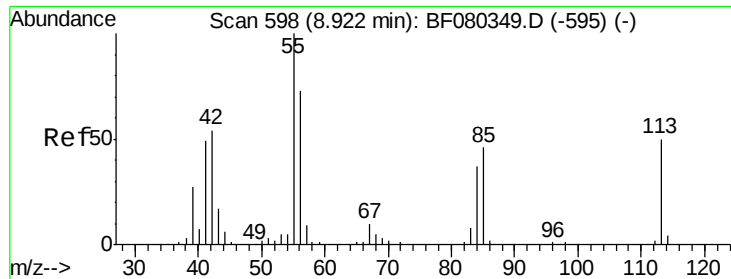
#34
Hexachlorobutadiene
Concen: 36.94 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47604		
223	64.1	50.3	75.5	
227	62.0	49.4	74.2	



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





#35

Caprolactam

Concen: 40.10 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

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PB84373BS

Tgt Ion:113 Resp: 22072
Ion Ratio Lower Upper

113 100

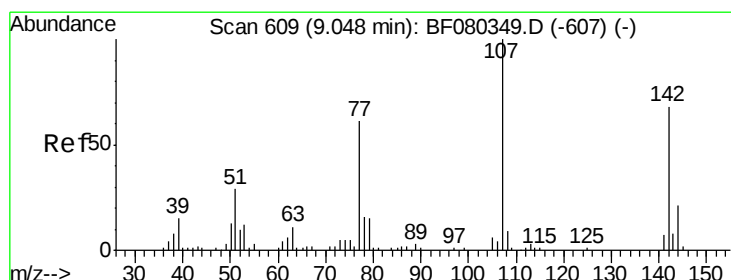
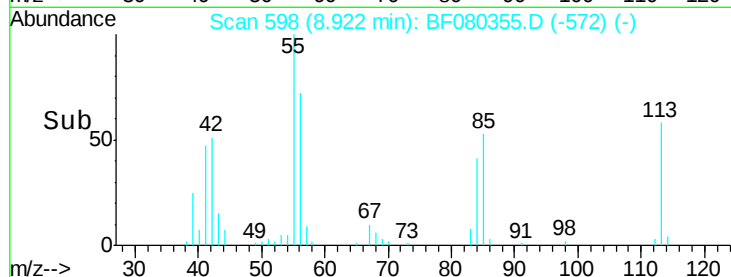
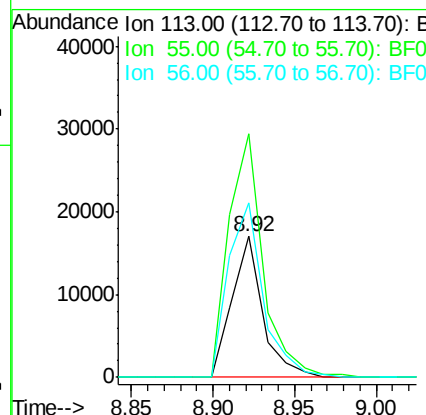
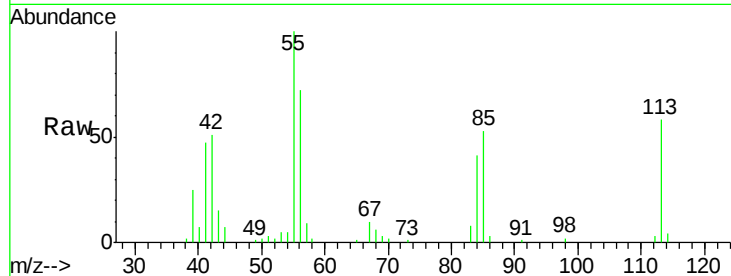
55 173.0 181.4 221.4#

56 124.1 127.3 167.3#

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7/7/2015 4:26:05 PM



#36

4-Chloro-3-methylphenol

Concen: 39.16 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF080355.D

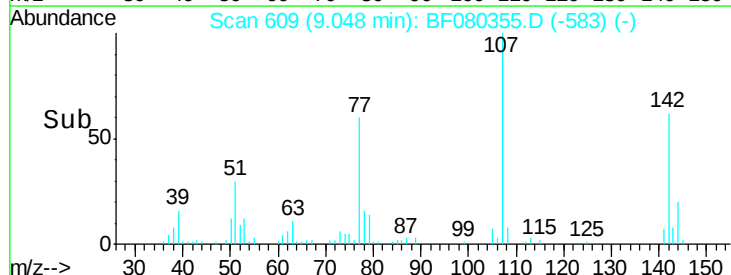
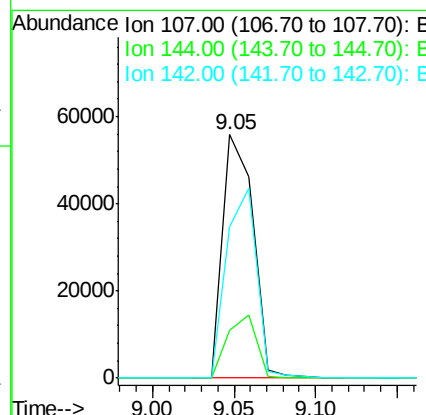
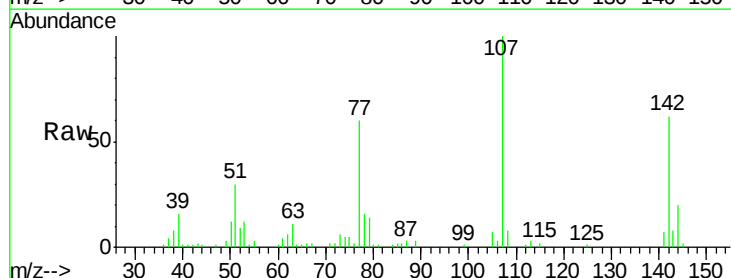
Acq: 6 Jul 2015 20:22

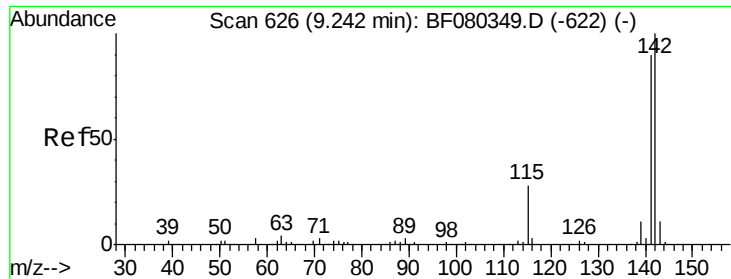
Tgt Ion:107 Resp: 72021
Ion Ratio Lower Upper

107 100

144 19.6 16.7 25.1

142 62.2 54.4 81.6





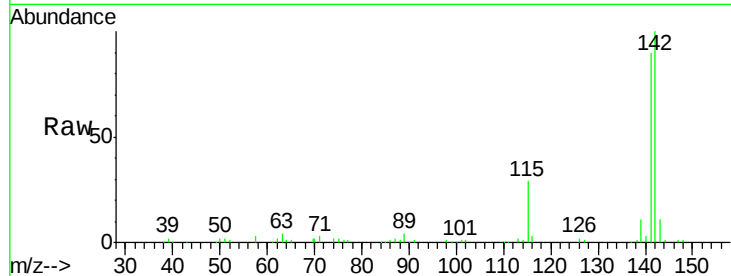
#37
2-Methylnaphthalene
Concen: 38.66 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

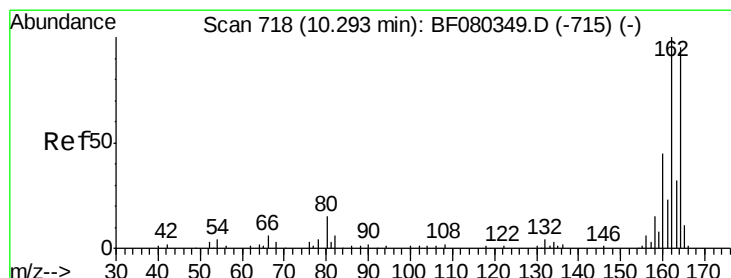
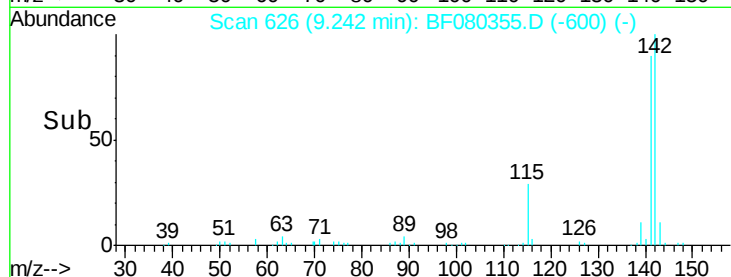
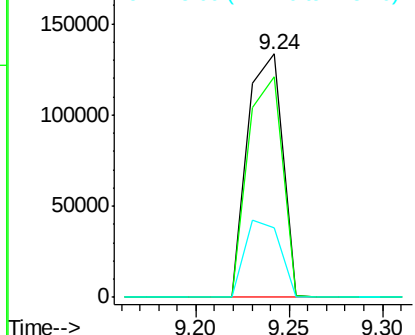
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.8
115	28.7	22.6	34.0

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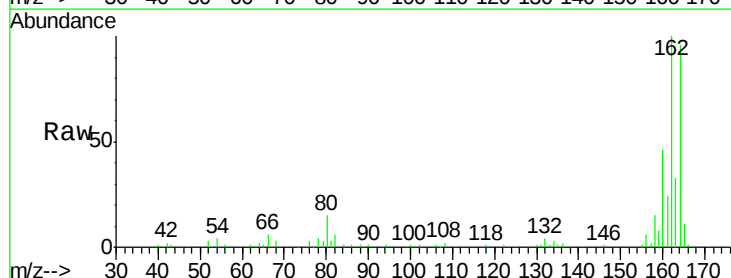


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

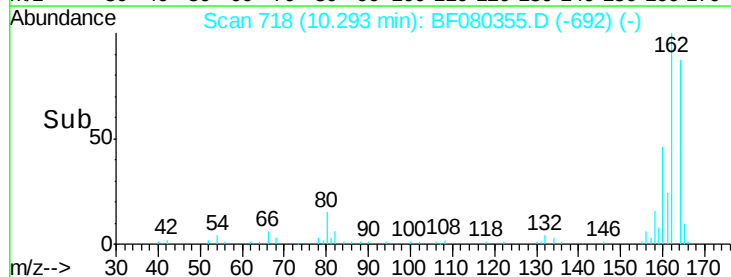
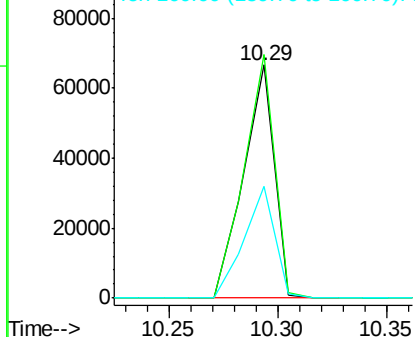


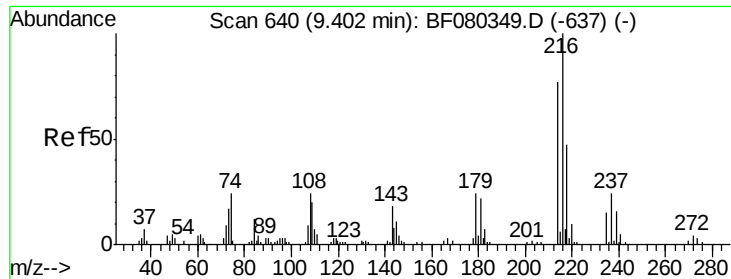
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.5	126.7
160	47.7	37.7	56.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





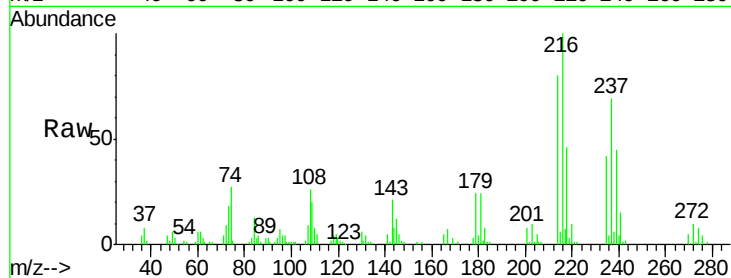
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.71 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

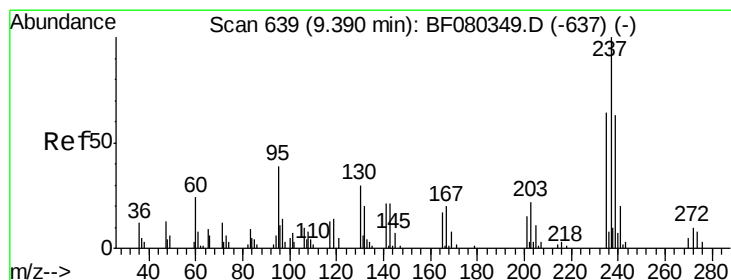
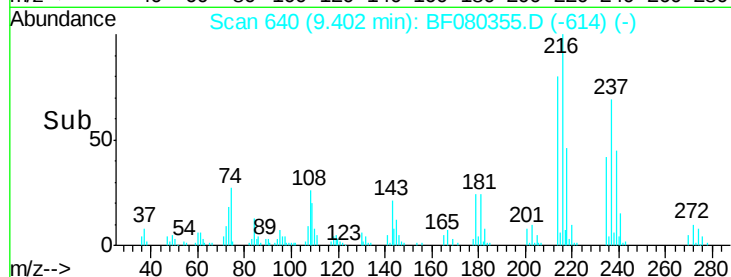
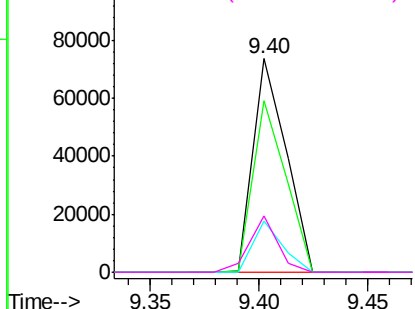
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Tgt Ion:	216	Resp:	77936
Ion Ratio	Lower	Upper	
216	100		
214	79.4	61.2	91.8
179	21.5	16.9	25.3
108	22.5	16.2	24.4

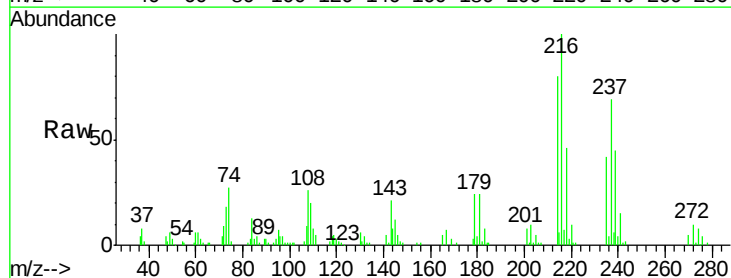


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

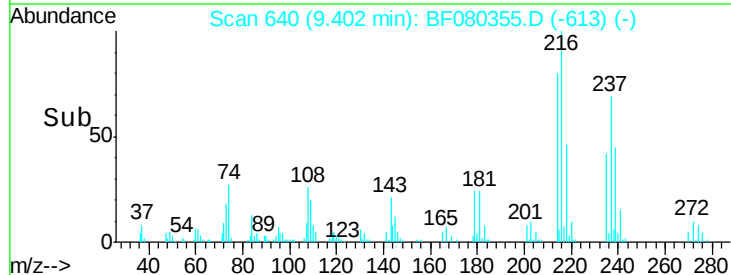
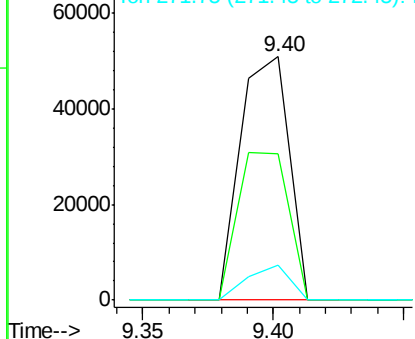


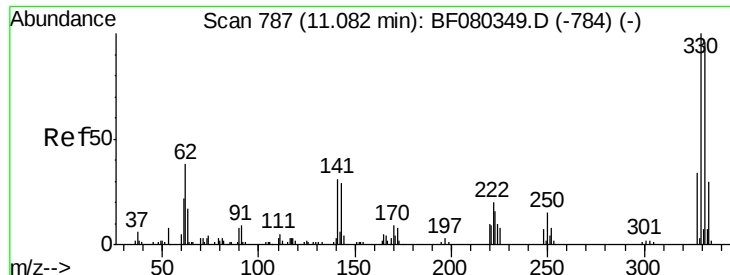
#40
 Hexachlorocyclopentadiene
 Concen: 77.96 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:	237	Resp:	66813
Ion Ratio	Lower	Upper	
237	100		
235	60.3	44.2	84.2
272	14.6	0.0	29.7



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





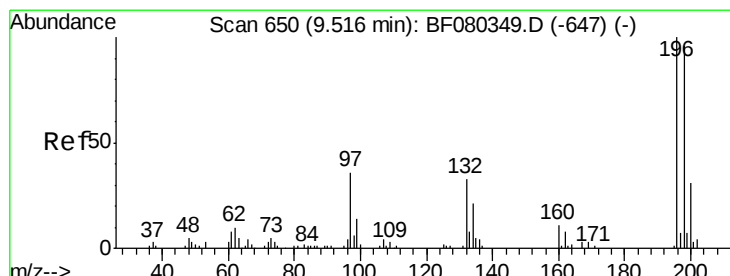
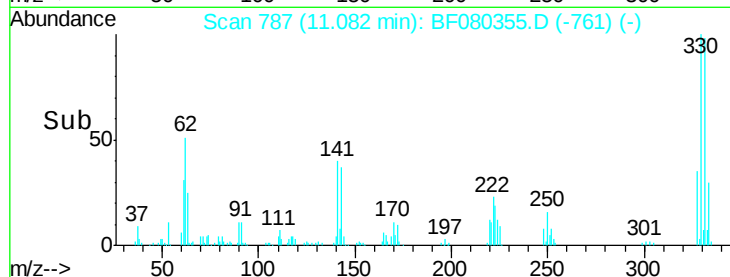
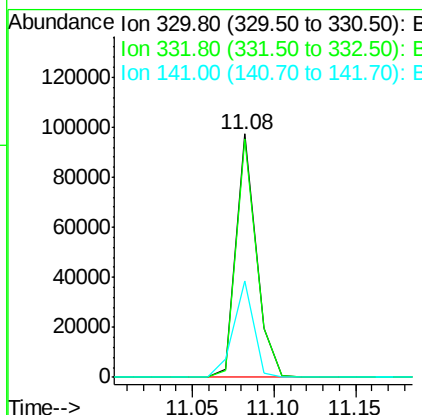
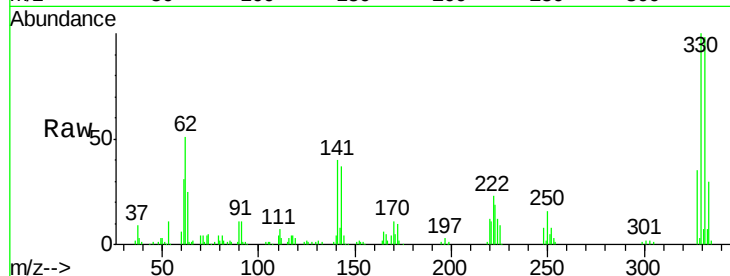
#41
 2,4,6-Tribromophenol
 Concen: 121.96 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	83229		
332	97.8		77.0	115.4
141	39.0		29.6	44.4

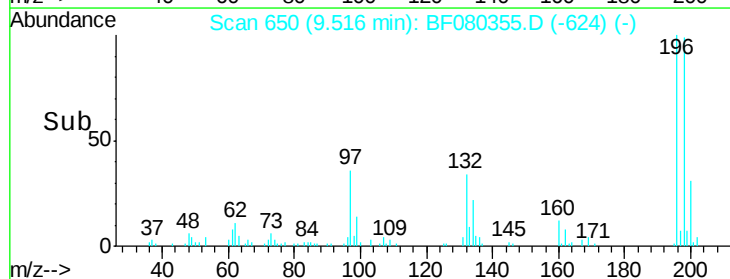
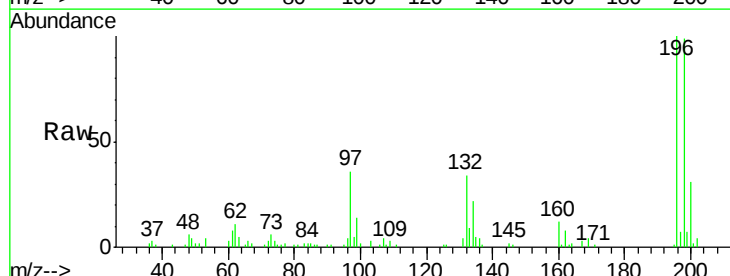
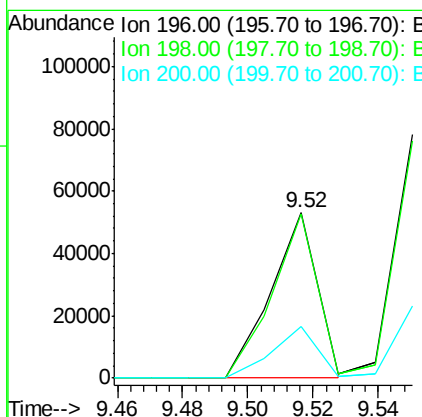
Manual Integrations
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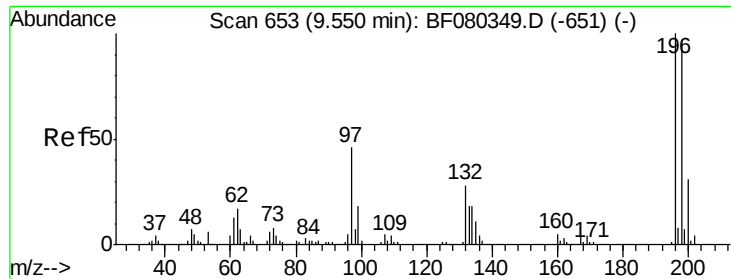
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#42
 2,4,6-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

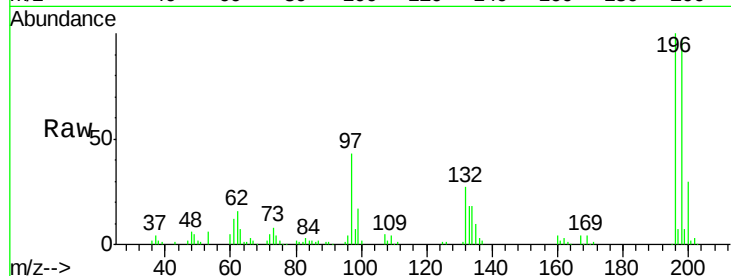
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52297		
198	99.1		76.4	114.6
200	31.4		24.6	37.0





#43
 2,4,5-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

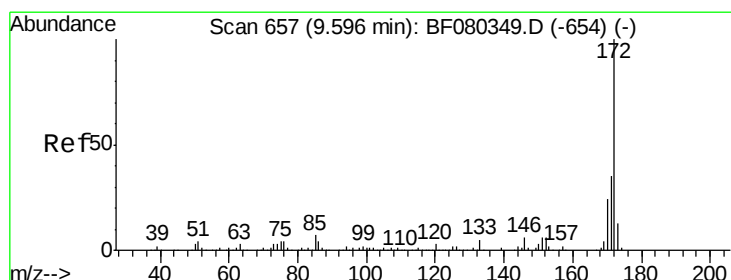
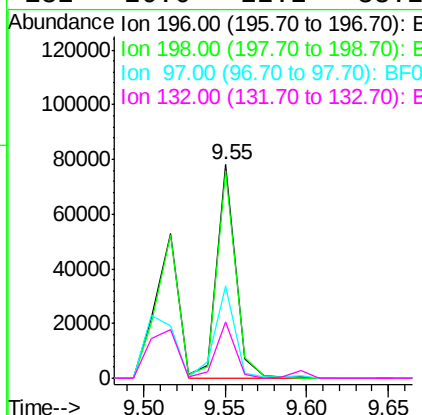
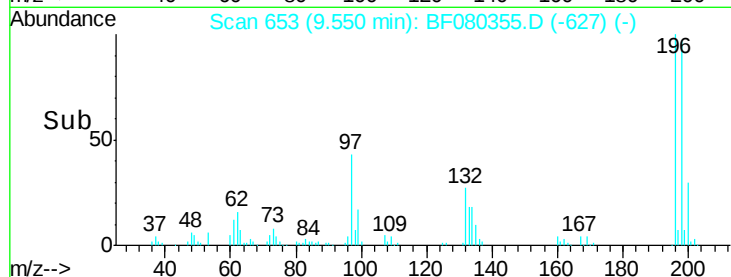
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62902		
198	97.2	77.2	115.8	
97	43.0	37.0	55.6	
132	26.6	22.2	33.2	

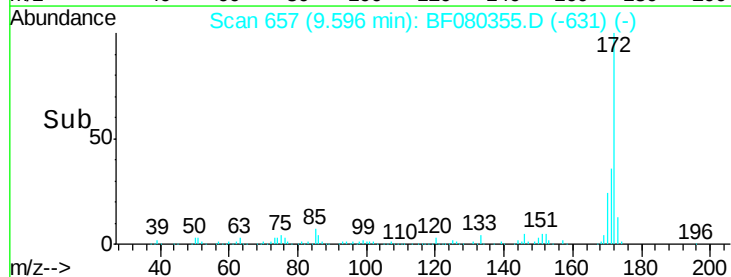
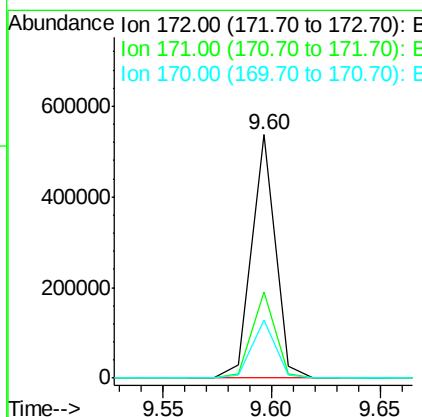
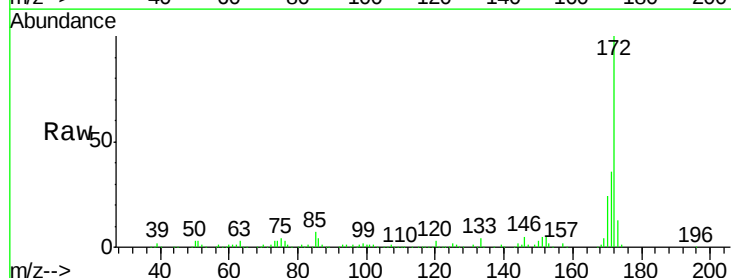
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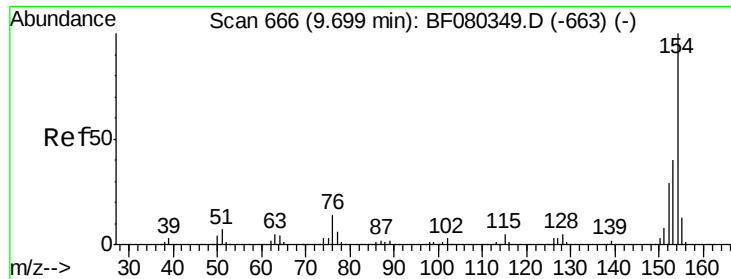
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#44
 2-Fluorobiphenyl
 Concen: 84.26 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	407198		
171	35.6	28.3	42.5	
170	23.7	19.1	28.7	





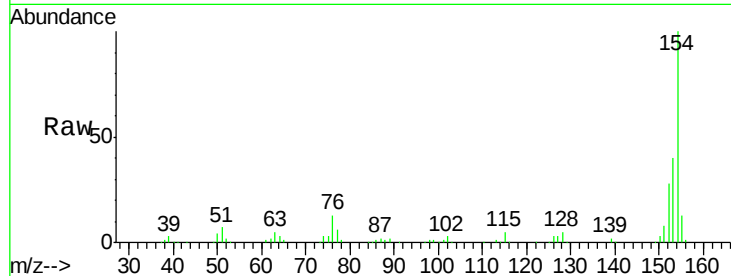
#45
 1,1'-Biphenyl
 Concen: 39.55 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

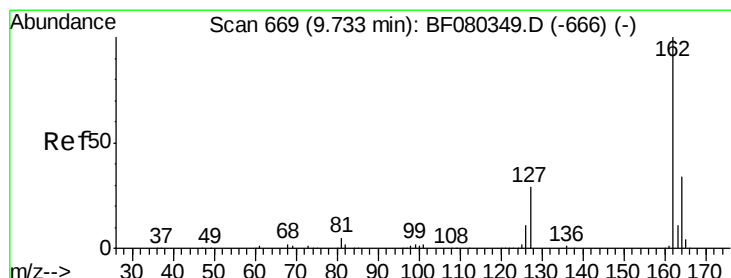
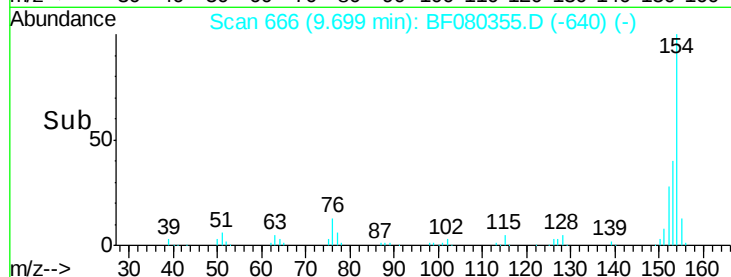
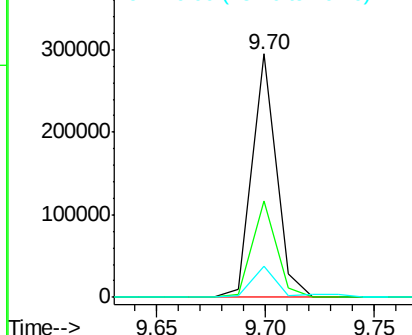
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.5	19.8	59.8
76	13.0	0.0	33.6

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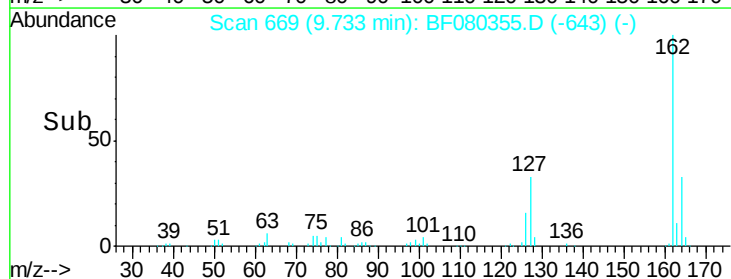
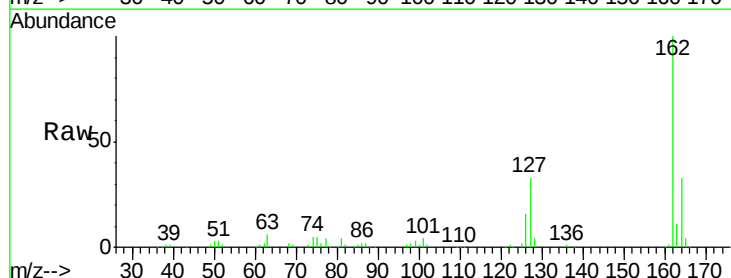
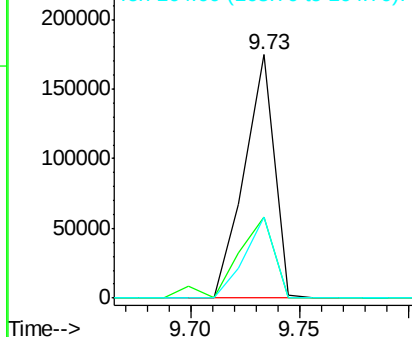
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

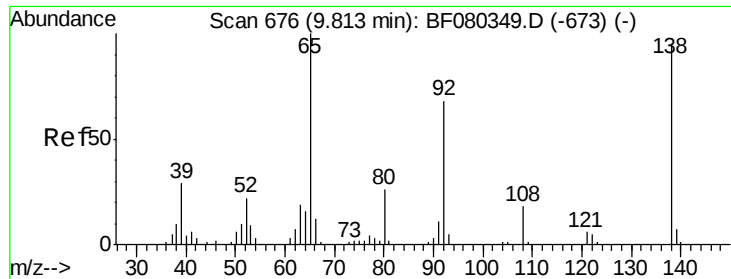


#46
 2-Chloronaphthalene
 Concen: 37.94 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	33.5	27.3	40.9
164	33.2	27.2	40.8

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





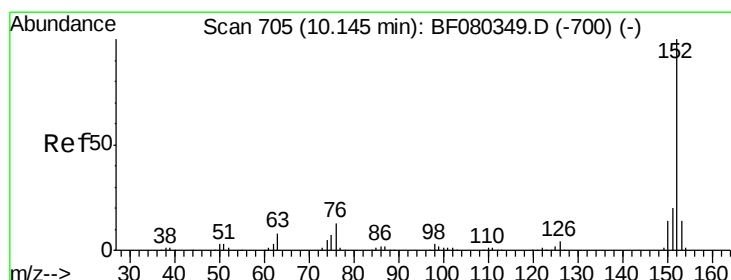
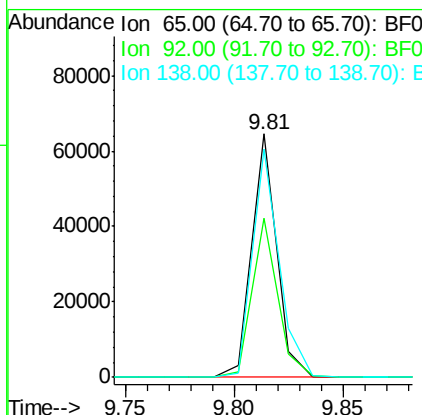
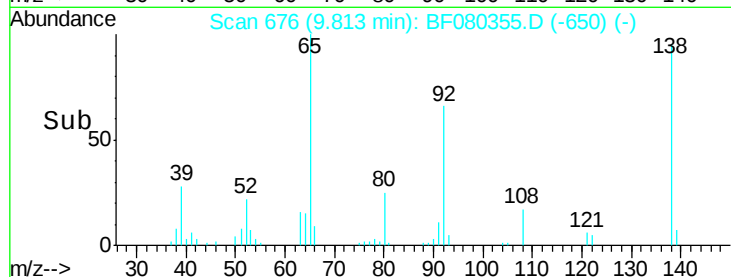
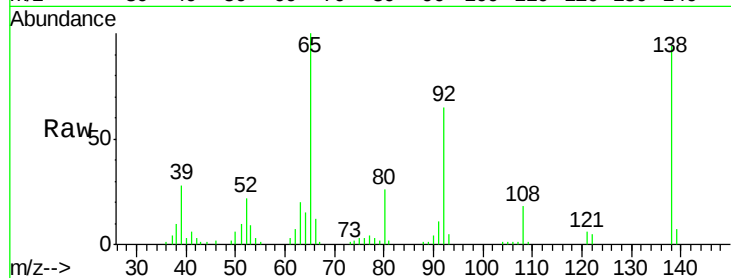
#47
 2-Nitroaniline
 Concen: 41.38 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:	65	Resp:	51101
Ion Ratio	Lower	Upper	
65	100		
92	65.2	54.2	81.2
138	94.0	76.1	114.1

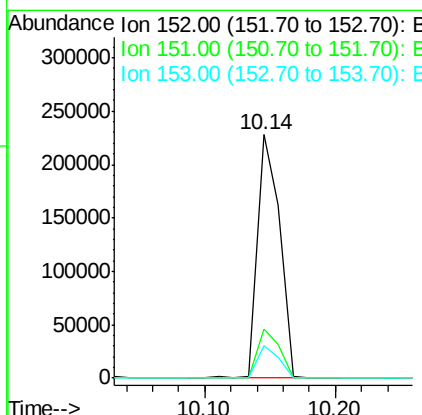
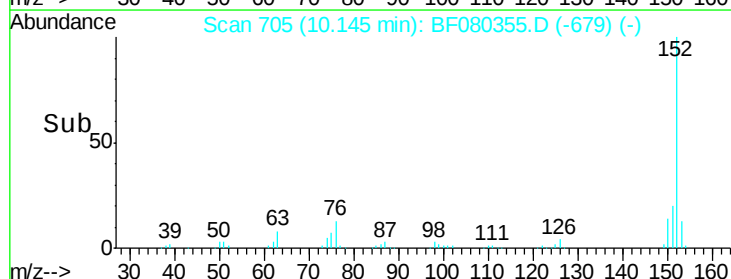
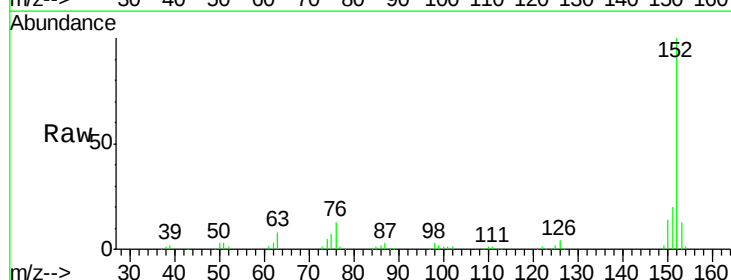
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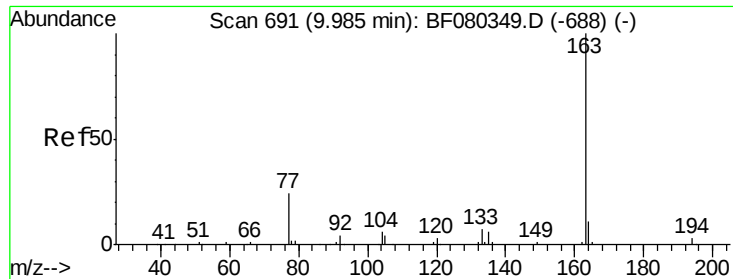
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#48
 Acenaphthylene
 Concen: 36.85 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:	152	Resp:	270732
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.1	11.0	16.4





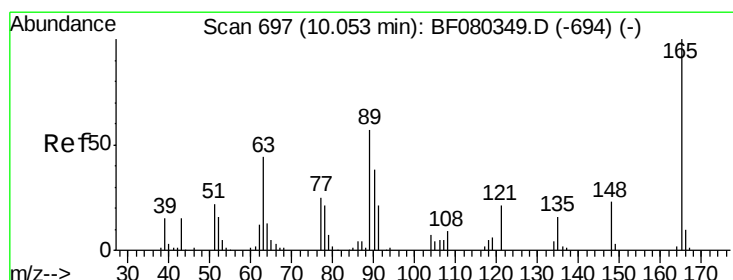
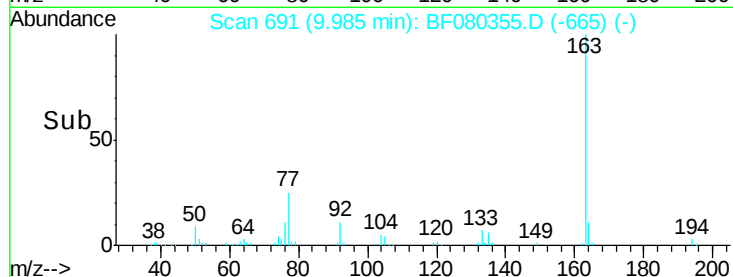
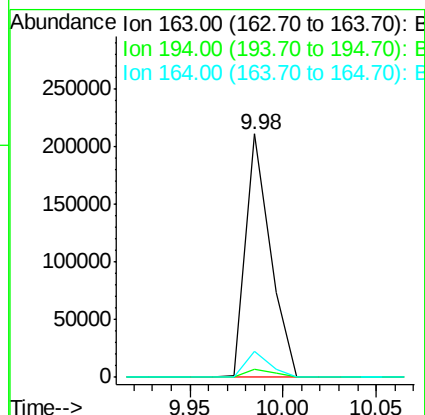
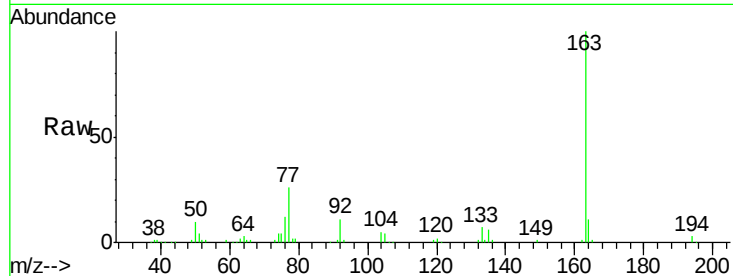
#49
Dimethylphthalate
Concen: 37.46 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	3.8
164	10.9	8.5	12.7

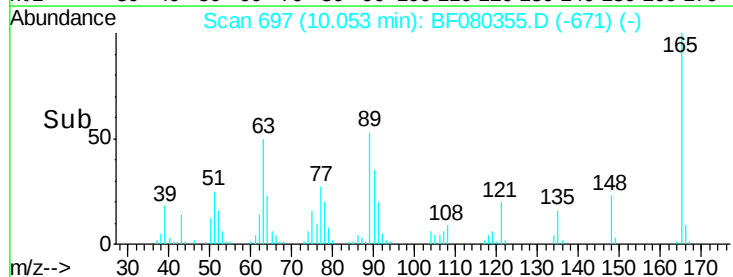
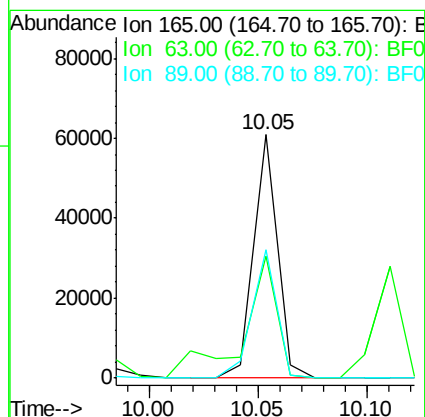
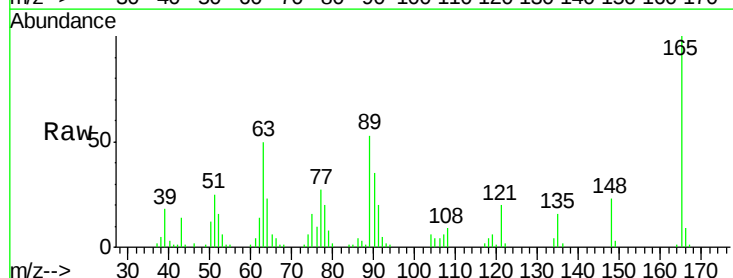
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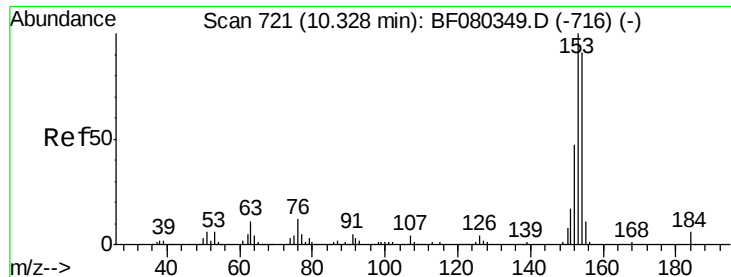
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#50
2,6-Dinitrotoluene
Concen: 42.23 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.0	44.8	67.2
89	52.8	45.9	68.9





#51

Acenaphthene

Concen: 40.13 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

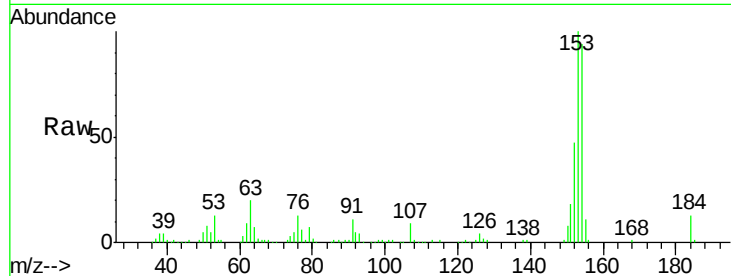
ClientSampleId :

PB84373BS

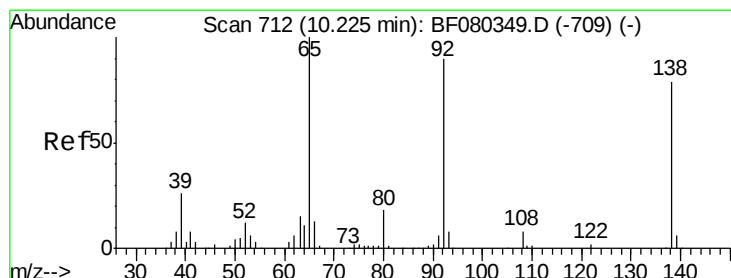
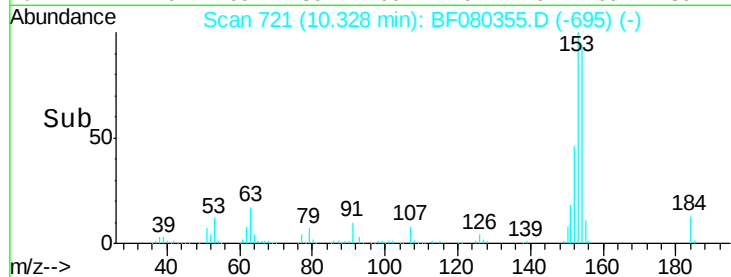
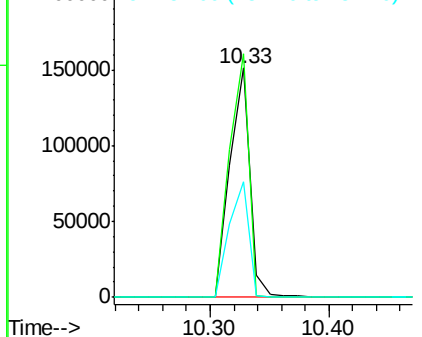
Tgt Ion:	154	Resp:	176491
Ion Ratio	Lower	Upper	
154	100		
153	106.3	88.1	132.1
152	50.3	41.8	62.6

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



#52

3-Nitroaniline

Concen: 25.26 ng

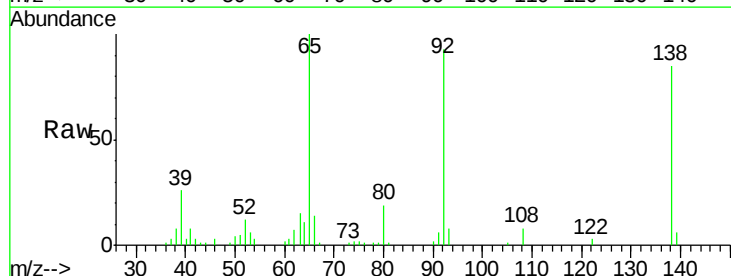
RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

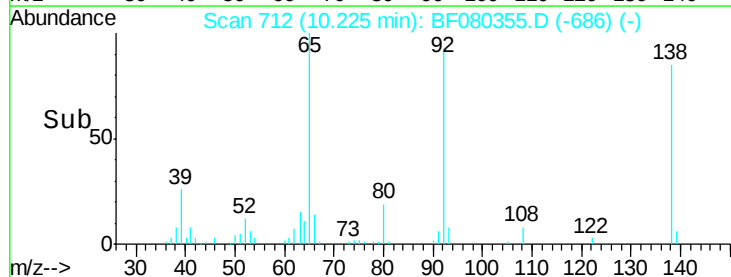
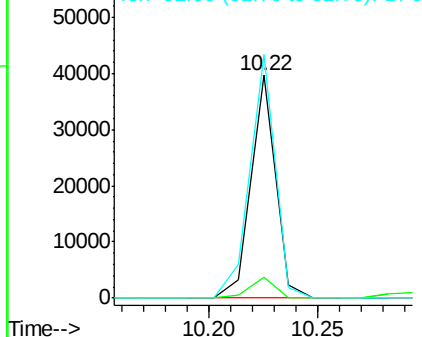
Lab File: BF080355.D

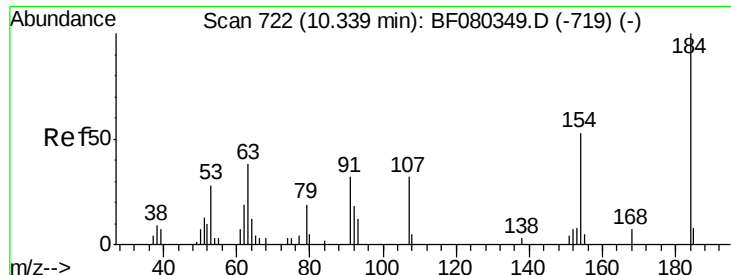
Acq: 6 Jul 2015 20:22

Tgt Ion:	138	Resp:	31157
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.8
92	109.1	91.0	136.6



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





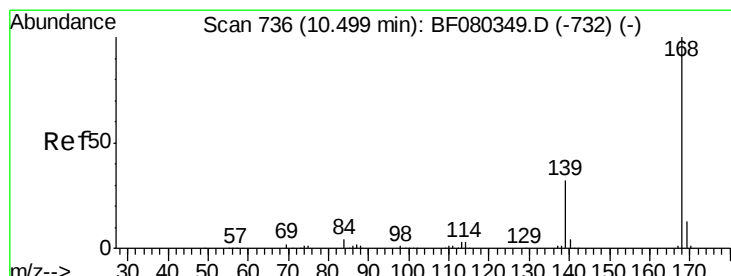
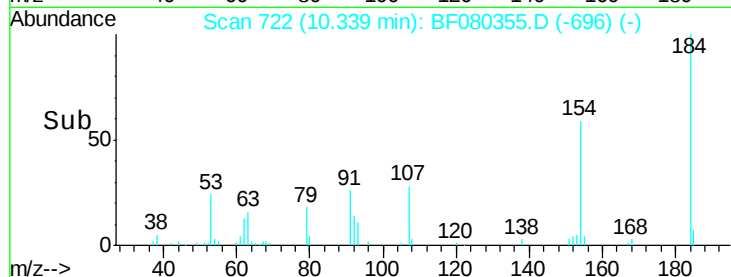
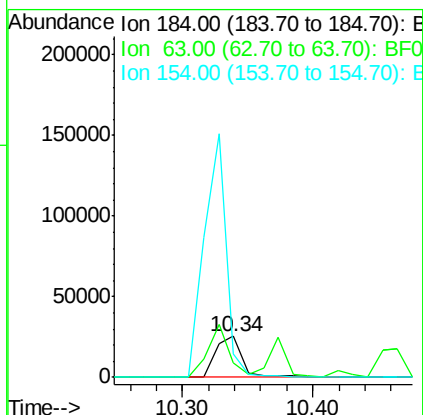
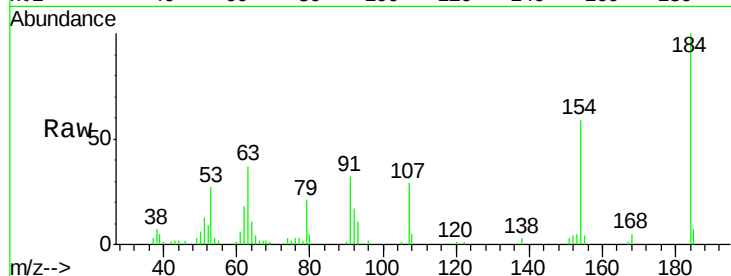
#53
 2,4-Dinitrophenol
 Concen: 75.45 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35711		
63	36.5	30.6	46.0	
154	58.6	45.3	67.9	

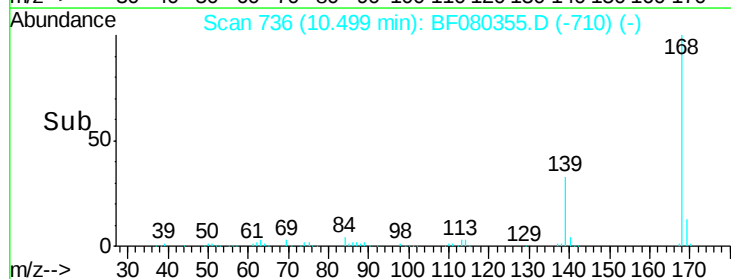
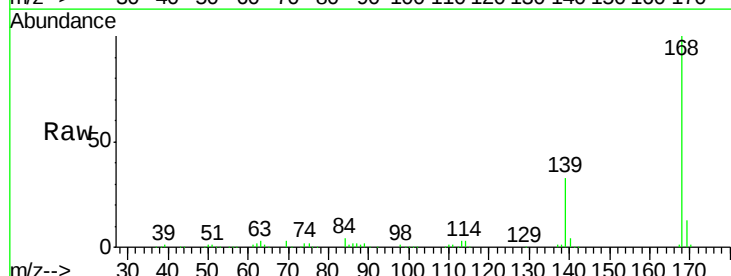
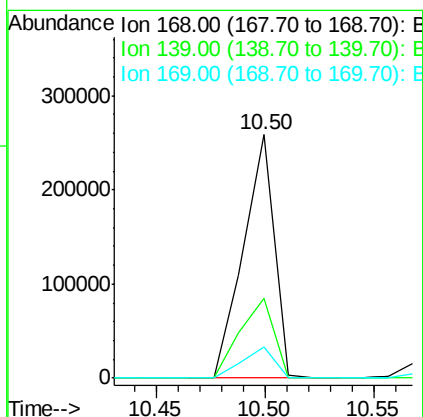
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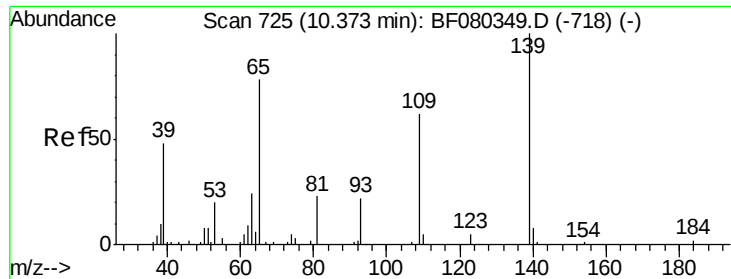
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#54
 Dibenzofuran
 Concen: 40.70 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	254463		
139	33.0	25.9	38.9	
169	12.8	10.3	15.5	





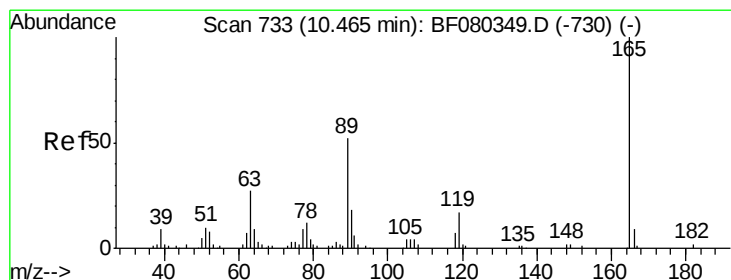
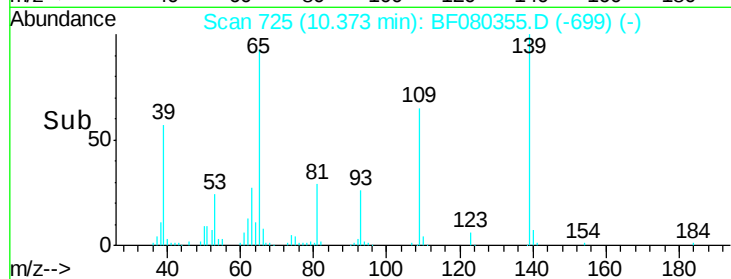
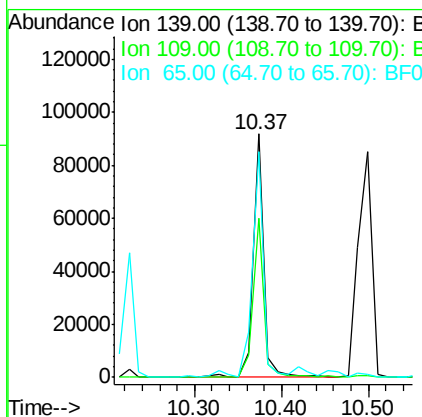
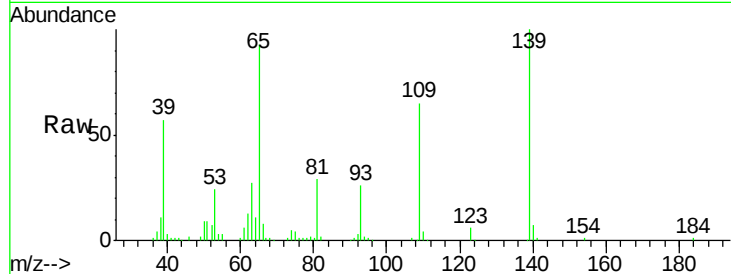
#55
4-Nitrophenol
Concen: 88.05 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79612		
109	65.2	42.3	82.3	
65	92.9	58.5	98.5	

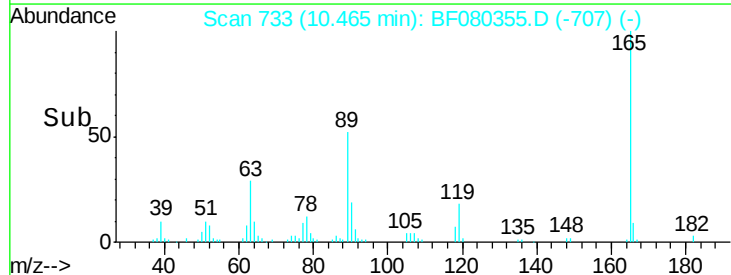
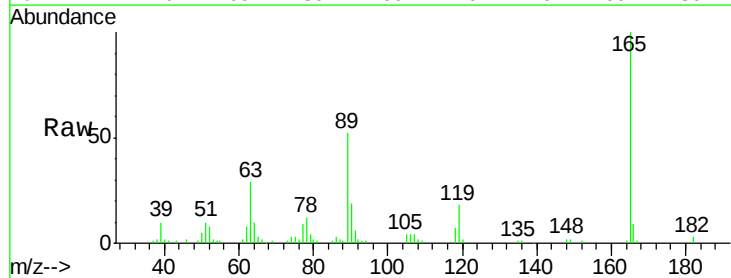
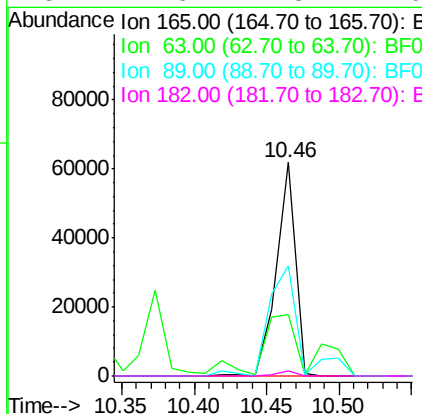
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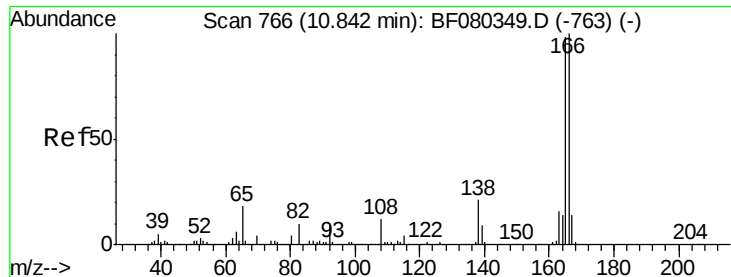
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#56
2,4-Dinitrotoluene
Concen: 40.38 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56848		
63	28.6	21.8	32.8	
89	51.8	41.3	61.9	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 41.16 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080355.D

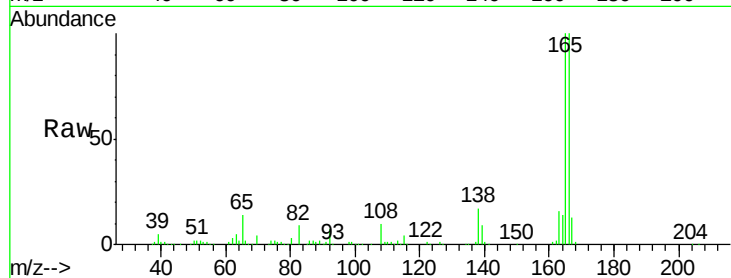
Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

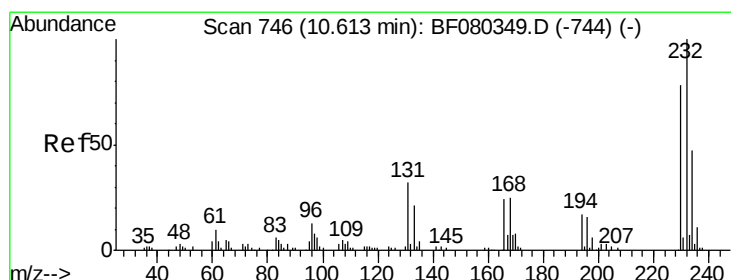
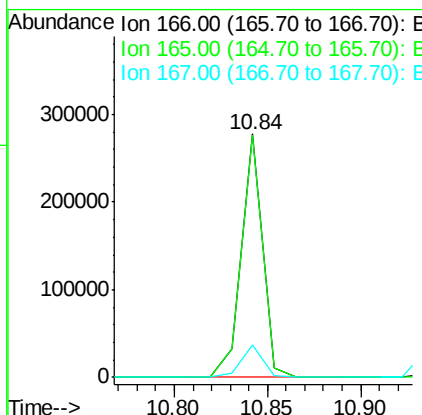
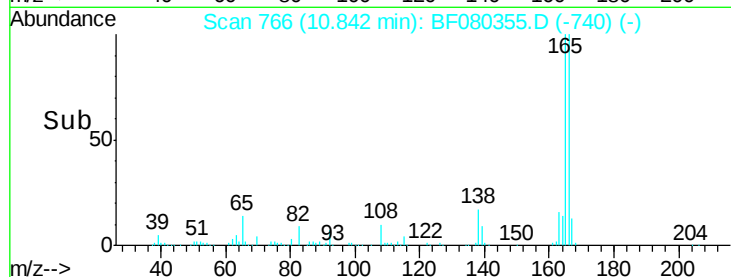
PB84373BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	221627		
165	99.6	78.6	117.8	
167	13.4	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.50 ng

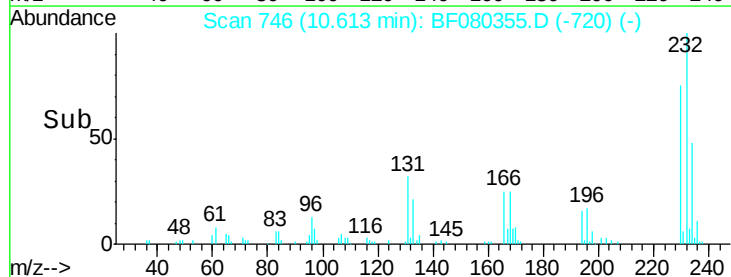
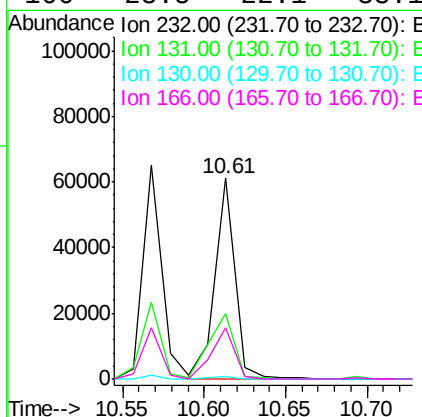
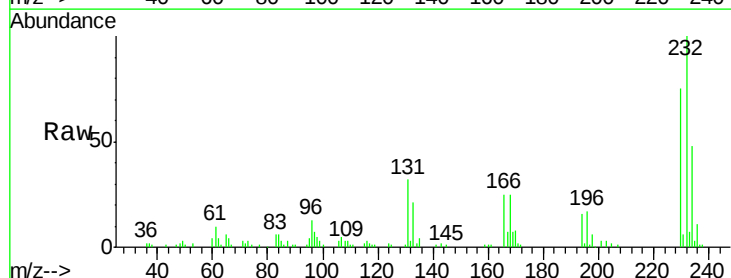
RT: 10.61 min Scan# 746

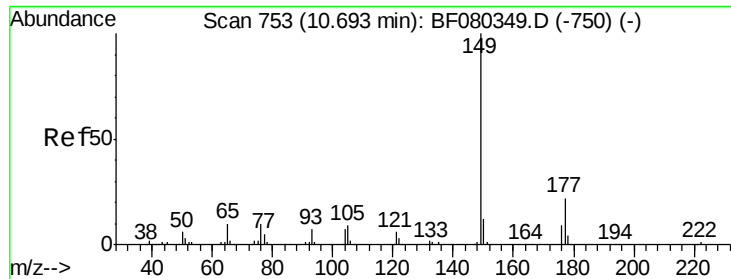
Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

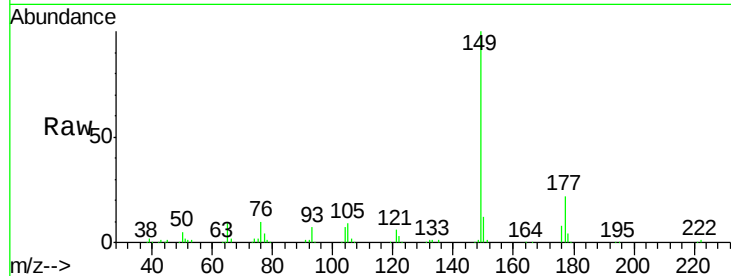
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	52760		
131	41.1	33.4	50.2	
130	1.7	1.8	2.6	
166	28.5	22.1	33.1	





#59
Diethylphthalate
Concen: 41.90 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

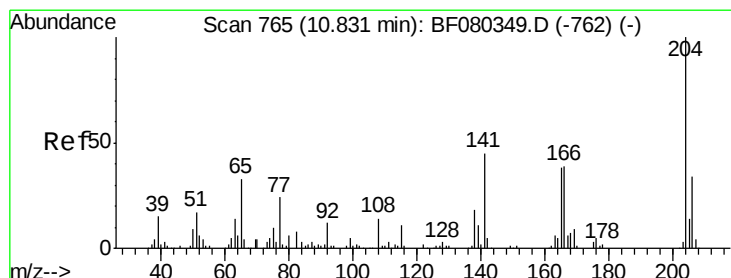
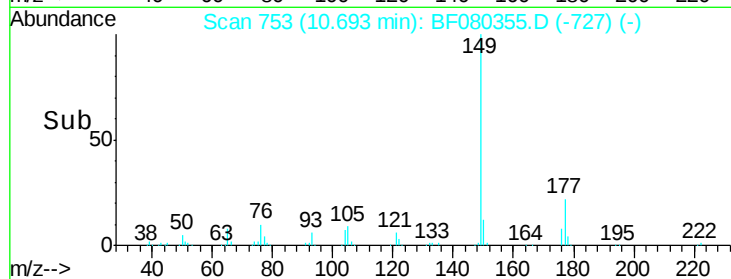
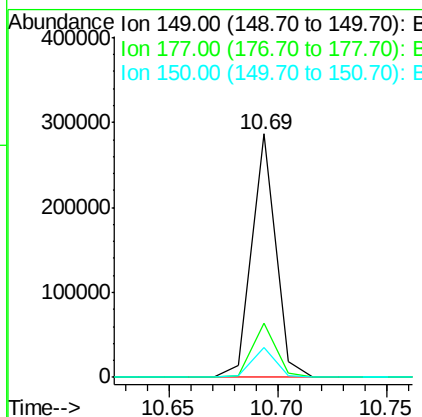
Instrument :
BNA_F
ClientSampleId :
PB84373BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.0	17.6	26.4
150	12.2	10.0	15.0

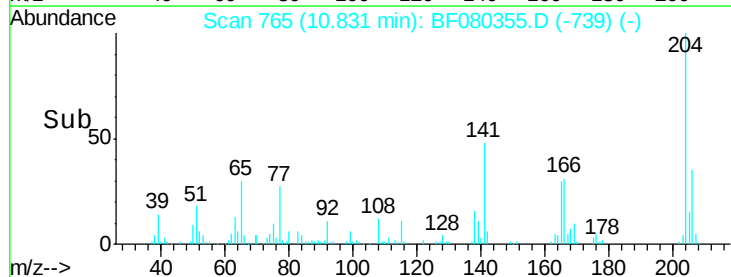
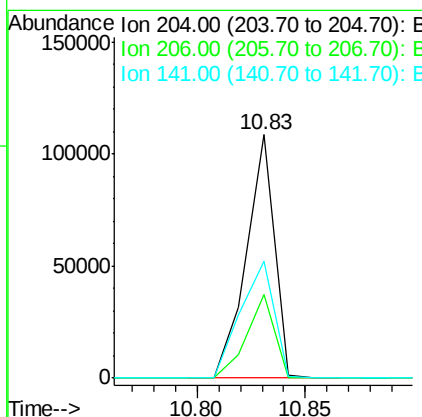
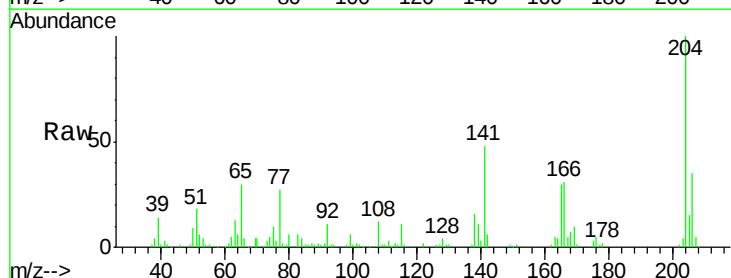
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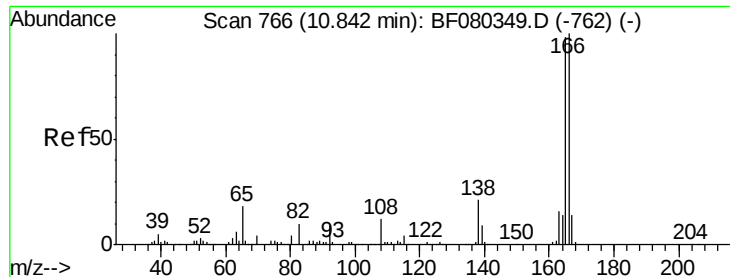
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#60
4-Chlorophenyl-phenylether
Concen: 40.70 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.5	27.2	40.8
141	48.1	35.9	53.9





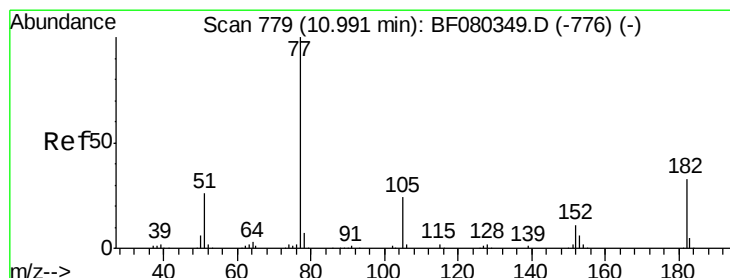
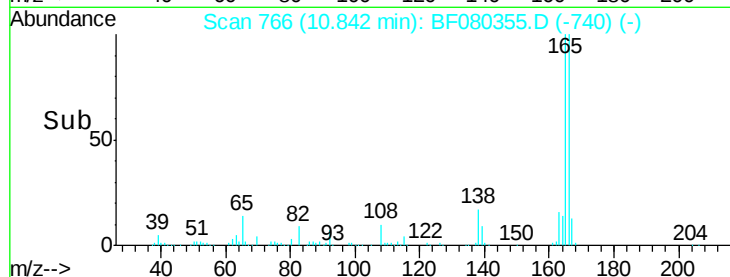
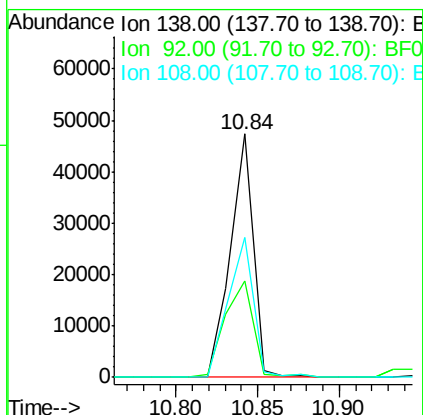
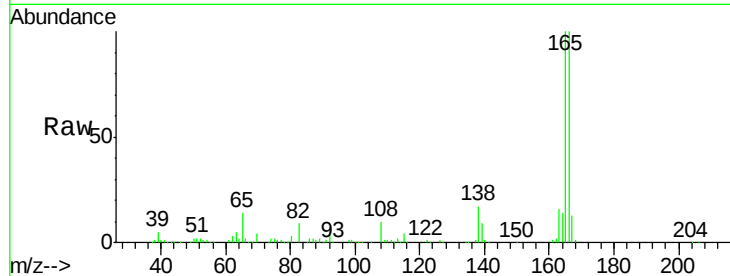
#61
4-Nitroaniline
Concen: 38.20 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	45746		
92	39.6	21.0	61.0	
108	57.5	38.4	78.4	

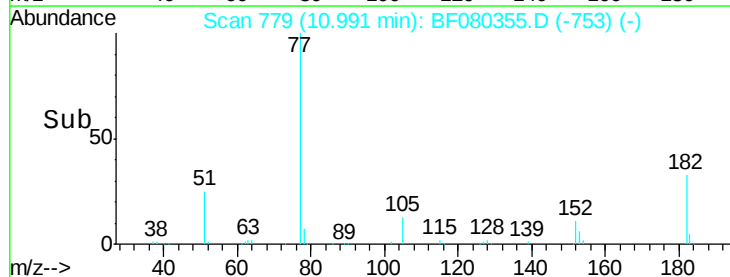
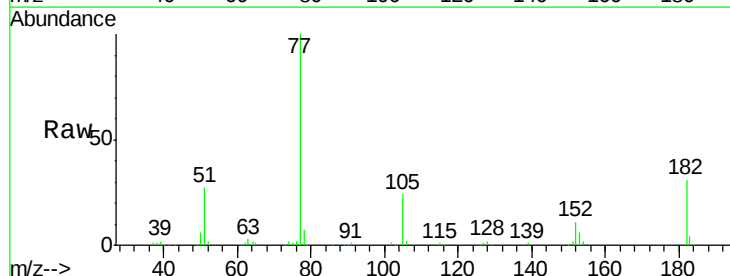
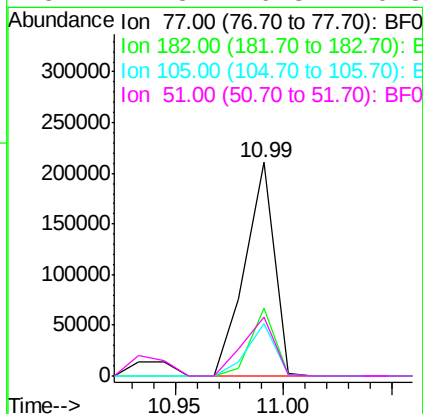
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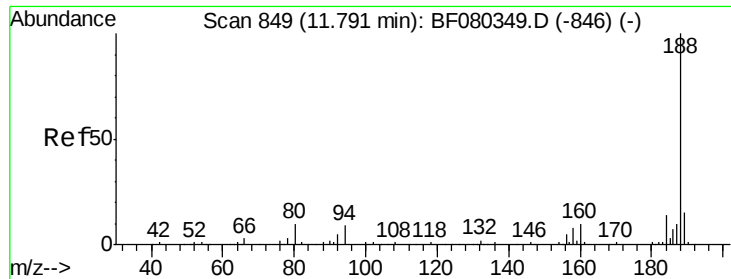
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#62
Azobenzene
Concen: 39.94 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	198396		
182	31.5	13.2	53.2	
105	24.4	4.3	44.3	
51	27.3	6.3	46.3	





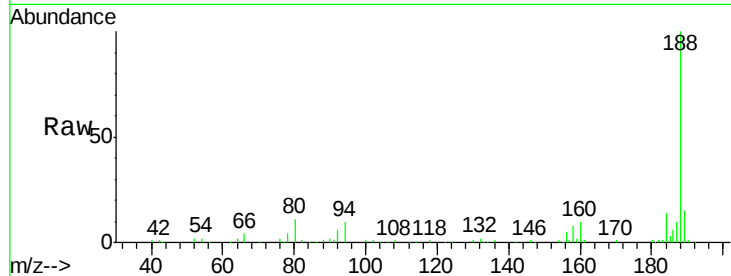
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

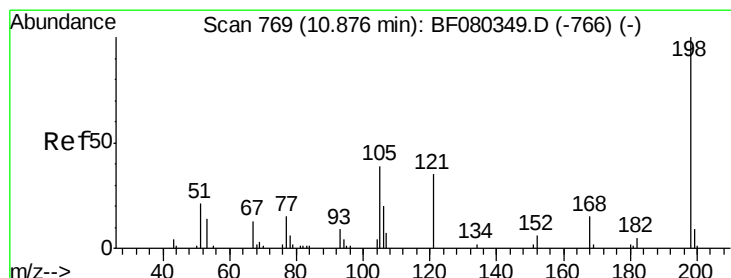
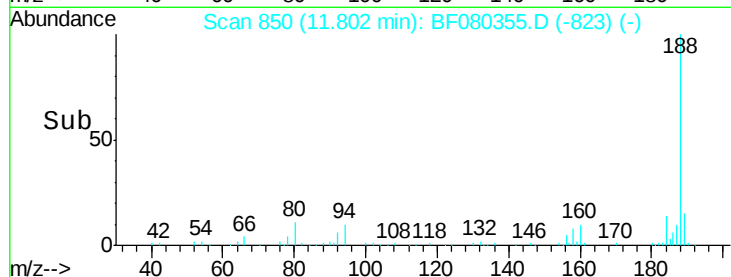
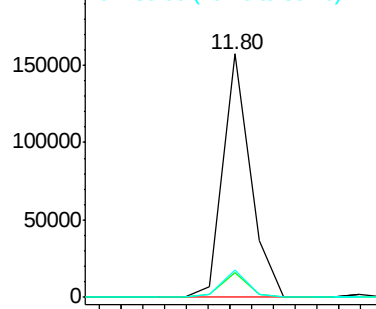
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	7.5	11.3
80	11.4	8.3	12.5

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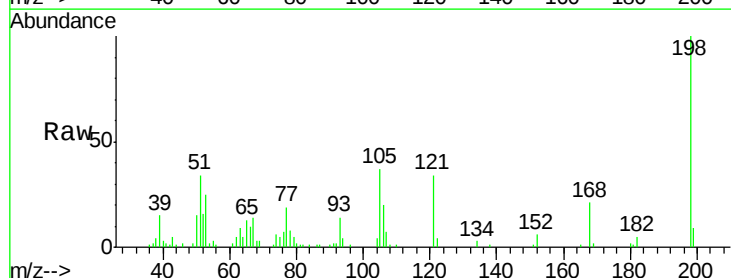


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

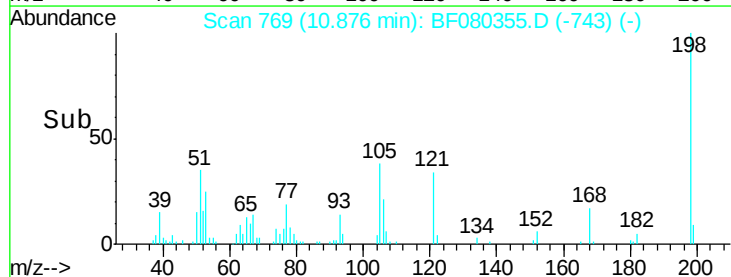
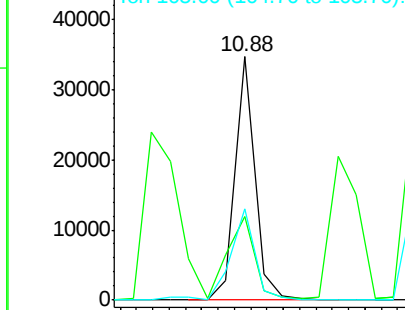


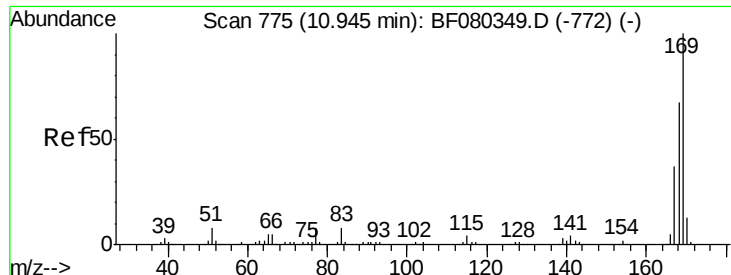
#64
4,6-Dinitro-2-methylphenol
Concen: 37.24 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	34.2	17.0	57.0
105	37.3	20.9	60.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





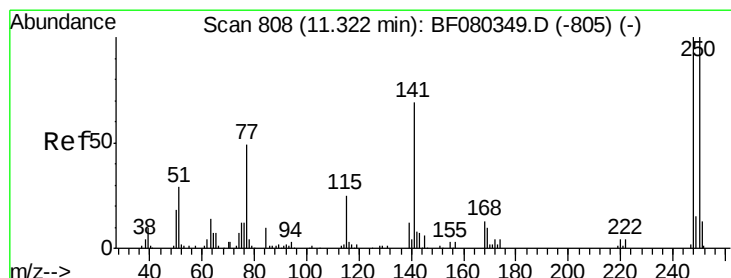
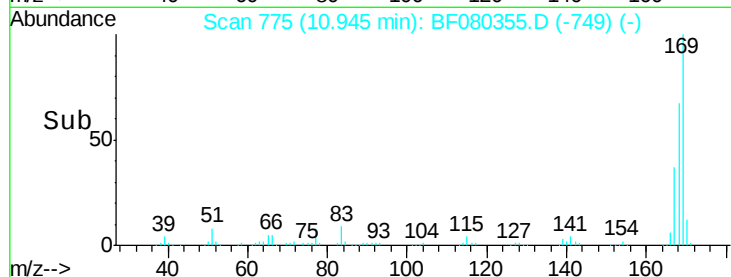
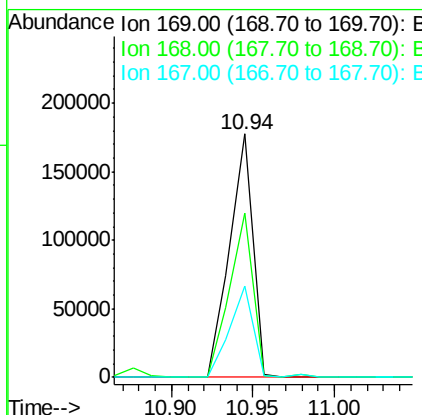
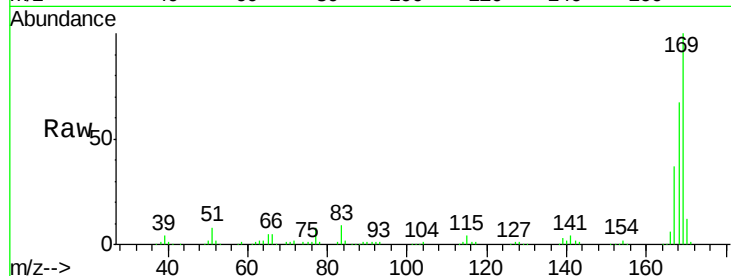
#65
 n-Nitrosodiphenylamine
 Concen: 39.55 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	174358		
168	67.3	53.5	80.3	
167	37.4	29.5	44.3	

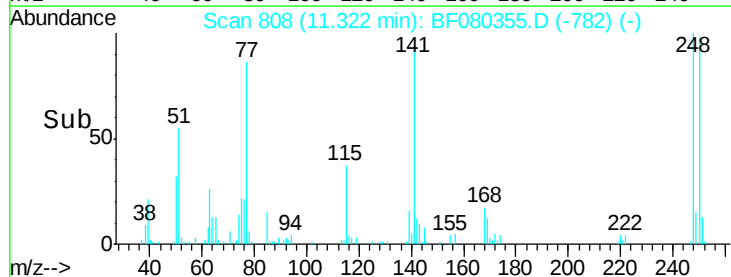
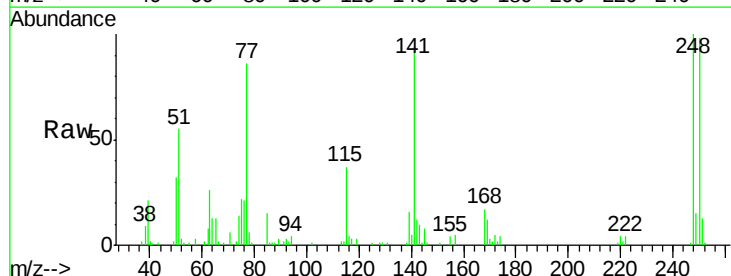
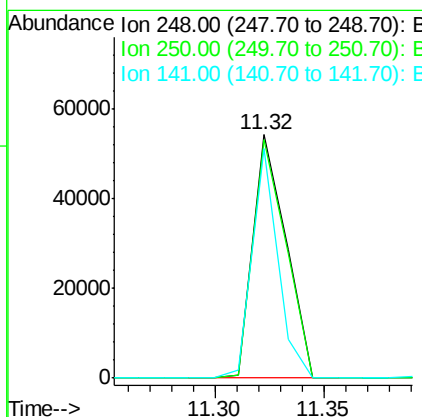
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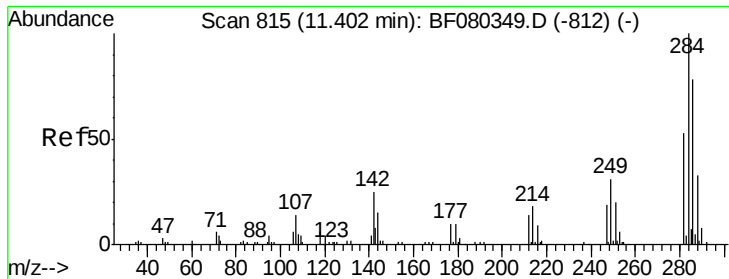
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#66
 4-Bromophenyl-phenylether
 Concen: 36.15 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	57311		
250	98.2	80.0	120.0	
141	94.1	54.8	82.2	





#67

Hexachlorobenzene

Concen: 37.05 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

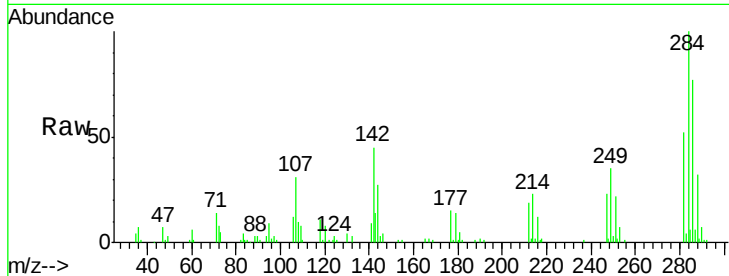
ClientSampleId :

PB84373BS

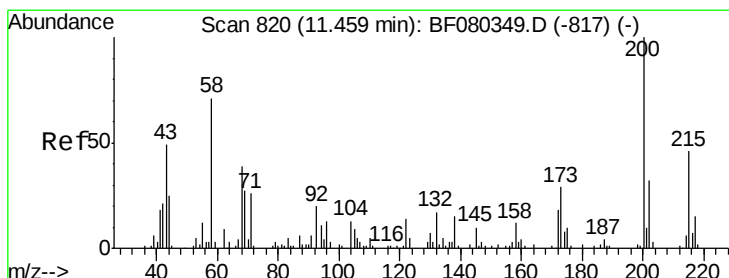
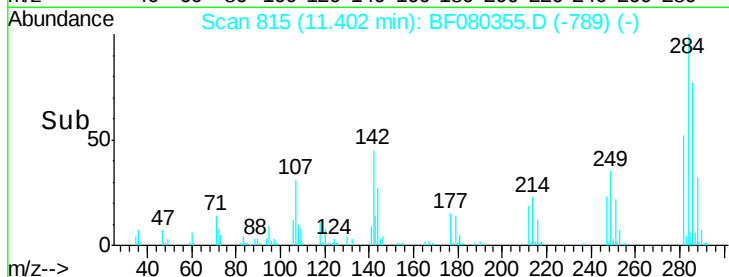
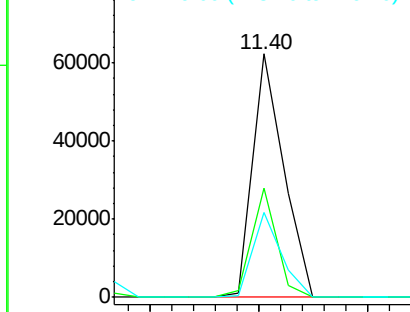
Tgt Ion:	284	Resp:	61613
Ion Ratio	Lower	Upper	
284	100		
142	44.8	20.3	30.5#
249	34.8	24.7	37.1

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



#68

Atrazine

Concen: 42.67 ng

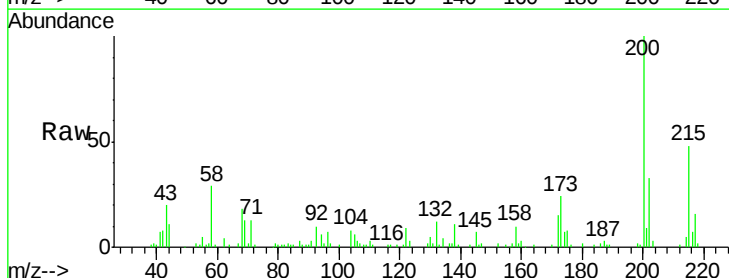
RT: 11.47 min Scan# 821

Delta R.T. 0.01 min

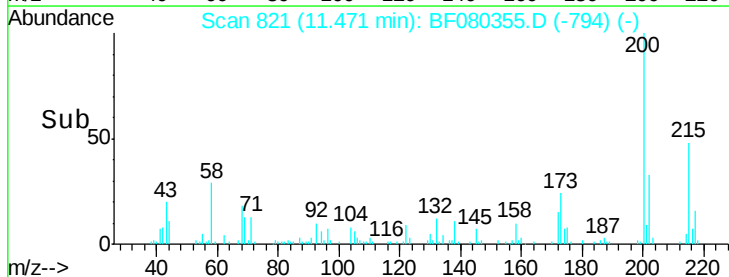
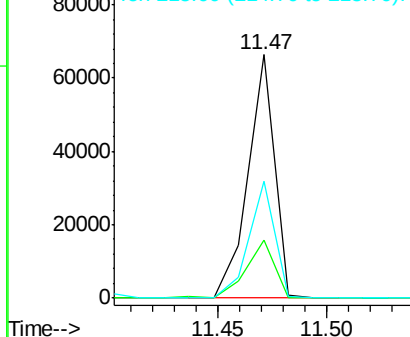
Lab File: BF080355.D

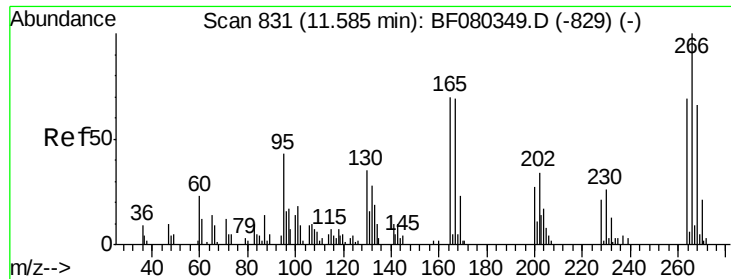
Acq: 6 Jul 2015 20:22

Tgt Ion:	200	Resp:	55991
Ion Ratio	Lower	Upper	
200	100		
173	23.9	9.9	49.9
215	48.0	26.2	66.2



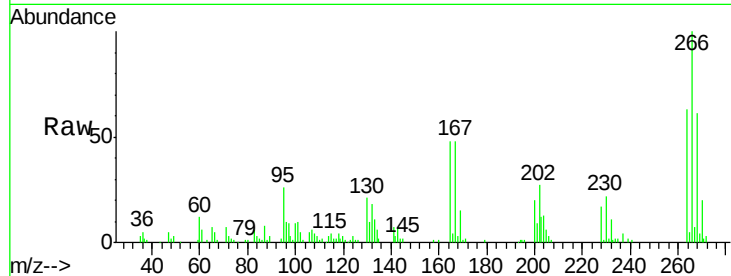
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 83.75 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

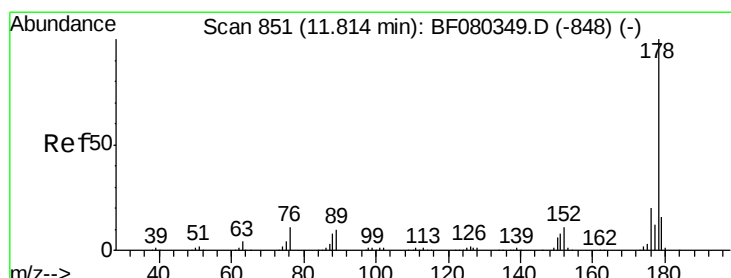
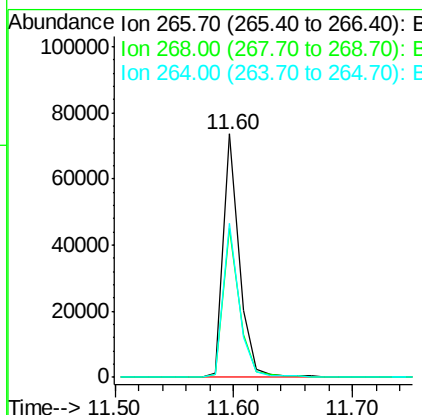
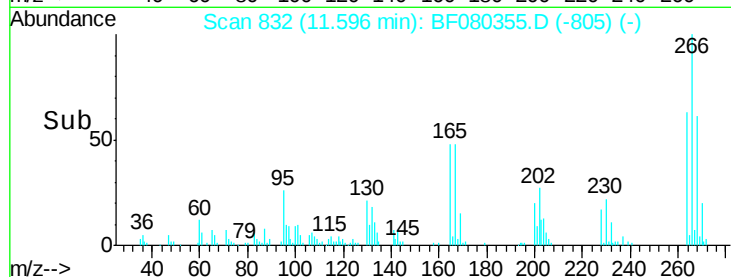
Instrument :
 BNA_F
 ClientSampleID :
 PB84373BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.4	52.7	79.1
264	63.5	55.0	82.6

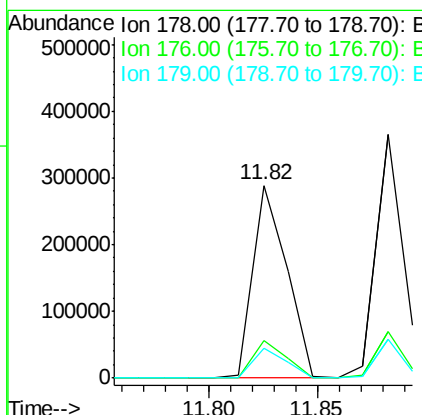
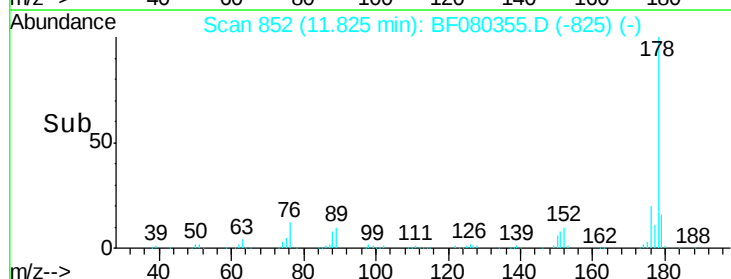
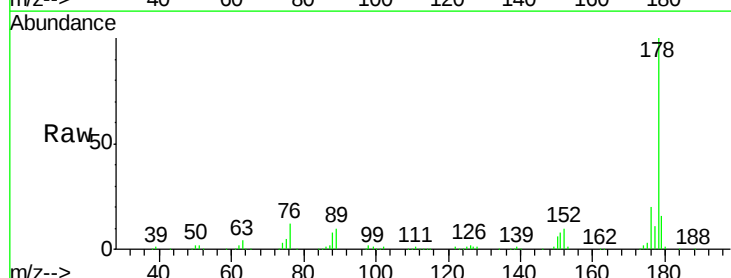
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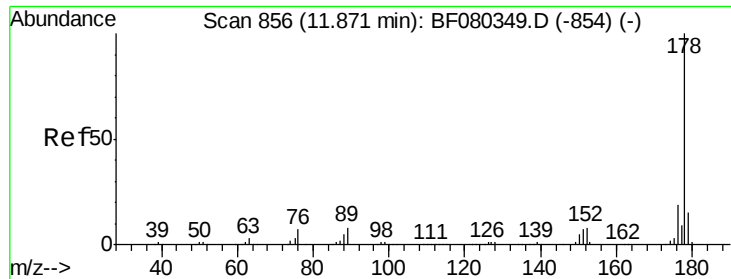
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#70
 Phenanthrene
 Concen: 37.70 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.6	16.1	24.1
179	15.7	12.6	18.8





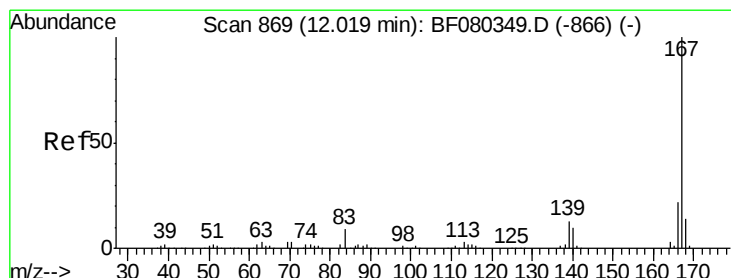
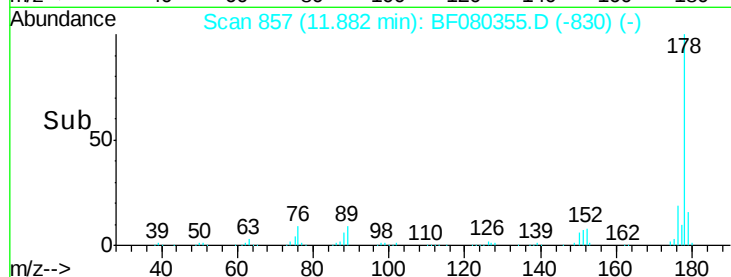
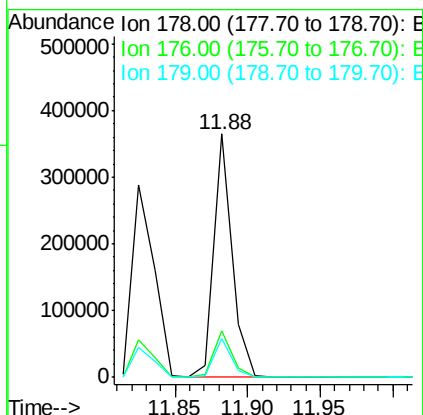
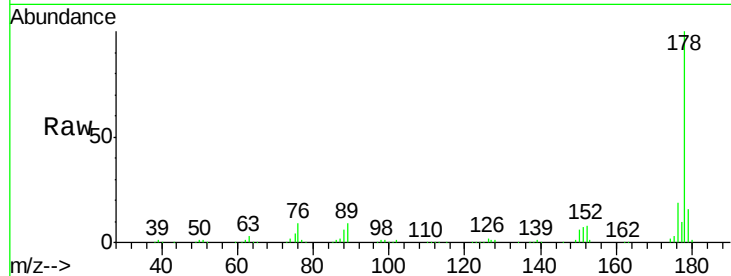
#71
 Anthracene
 Concen: 39.31 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	319913		
176	19.2	15.3	22.9	
179	15.9	12.3	18.5	

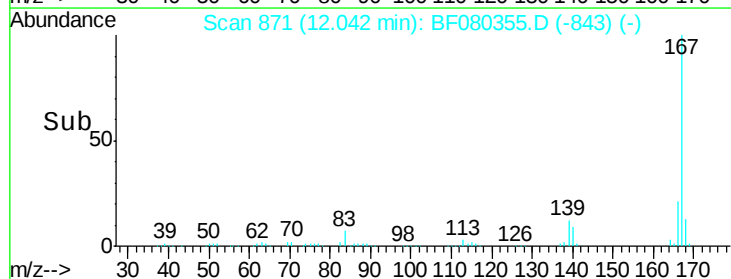
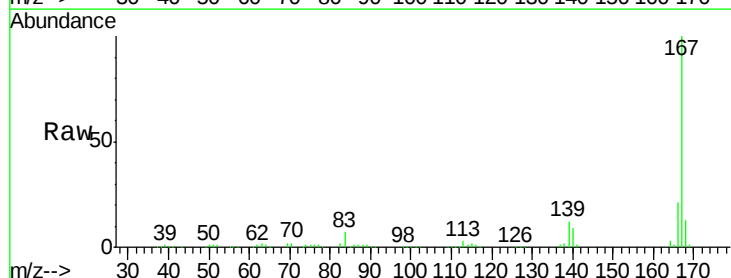
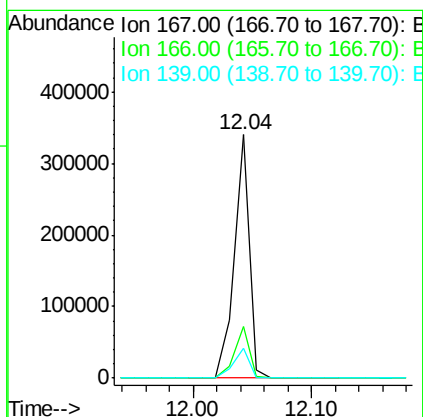
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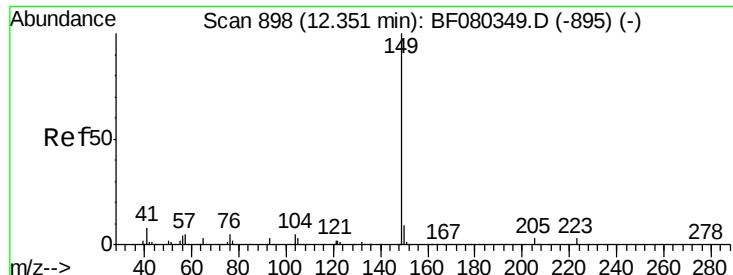
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#72
 Carbazole
 Concen: 39.35 ng
 RT: 12.04 min Scan# 871
 Delta R.T. 0.02 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	298738		
166	21.5	17.8	26.6	
139	12.1	10.4	15.6	





#73

Di-n-butylphthalate

Concen: 41.23 ng

RT: 12.39 min Scan# 901

Delta R.T. 0.03 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

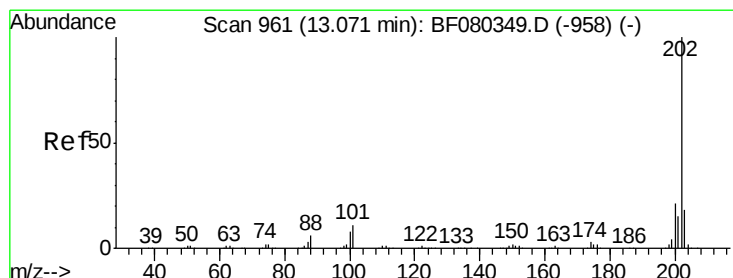
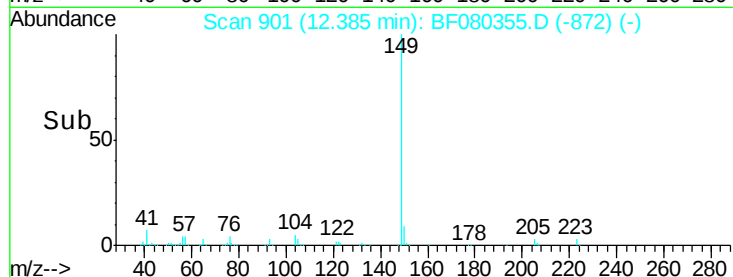
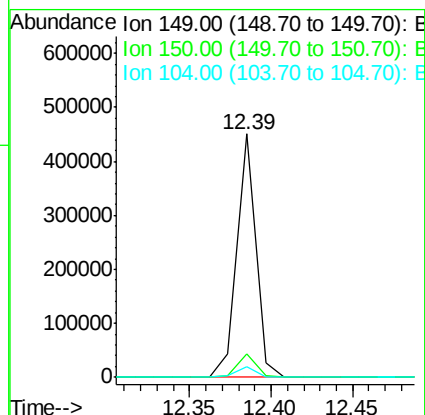
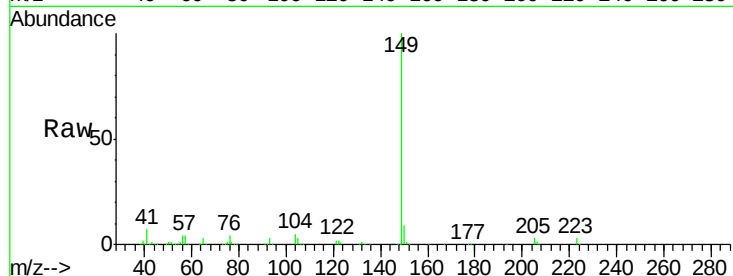
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	358024		
150	9.4	7.5	11.3	
104	4.6	3.9	5.9	



#74

Fluoranthene

Concen: 38.07 ng

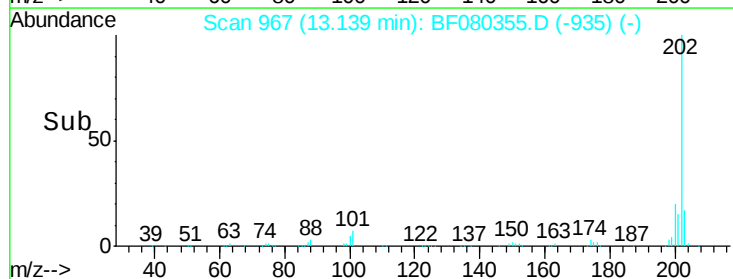
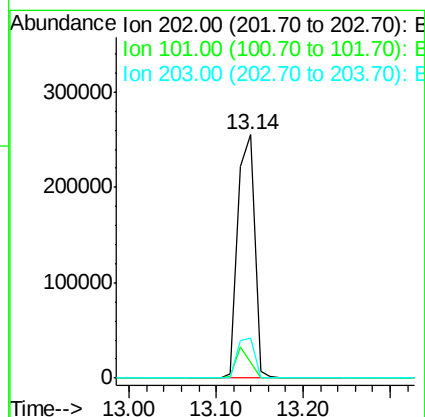
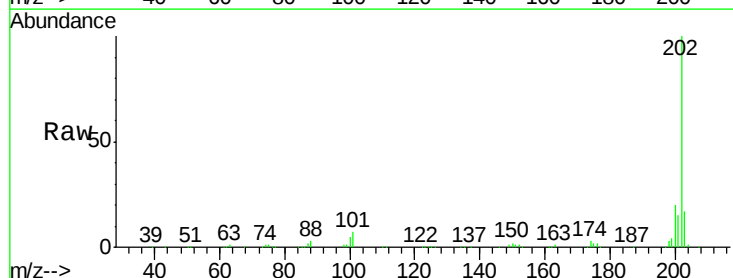
RT: 13.14 min Scan# 967

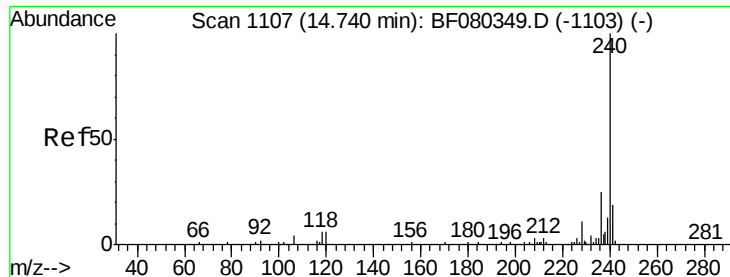
Delta R.T. 0.07 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	339576		
101	6.7	0.0	31.0	
203	16.7	0.0	37.6	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.17 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

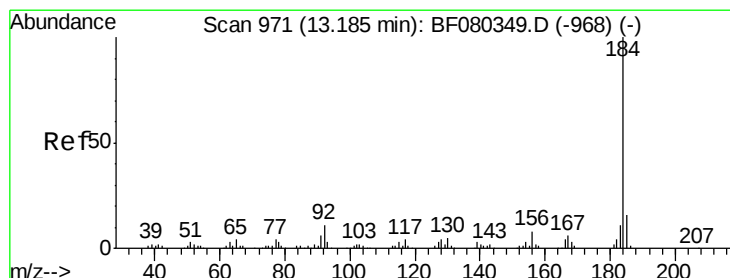
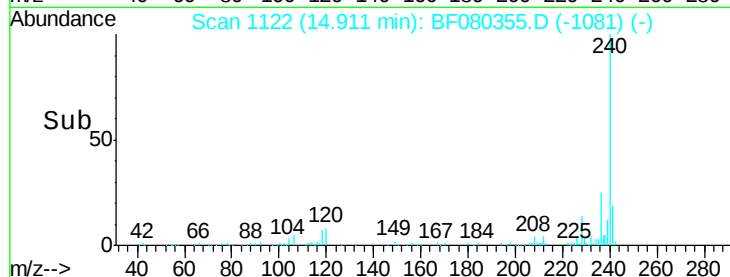
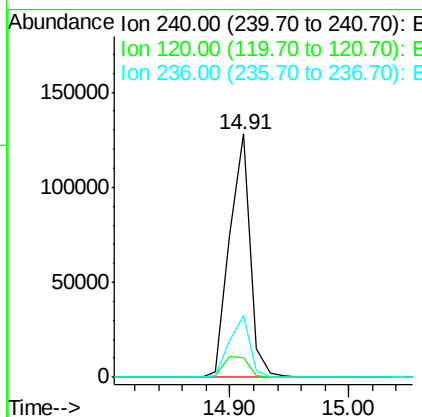
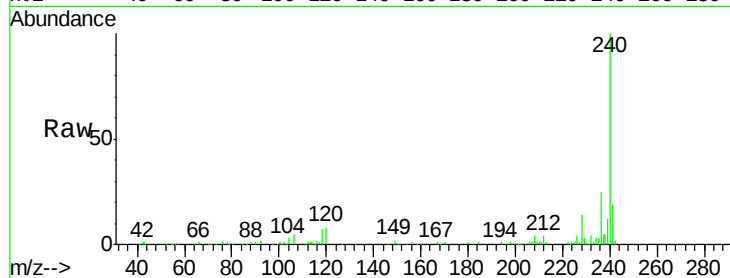
ClientSampleId :

PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	153619		
120	8.2	5.1	7.7#	
236	25.2	20.4	30.6	

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#76

Benzidine

Concen: 39.97 ng

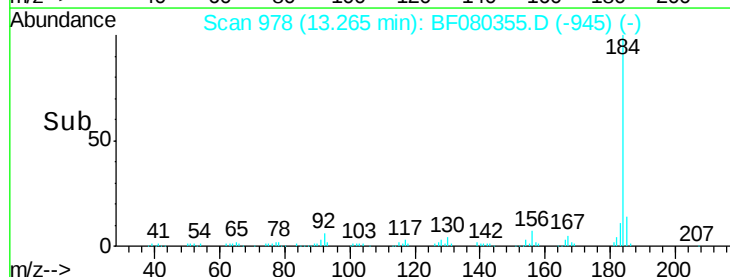
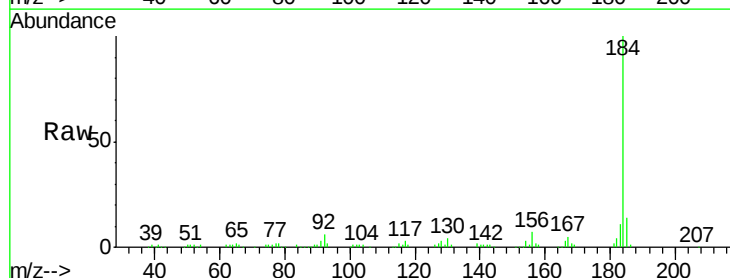
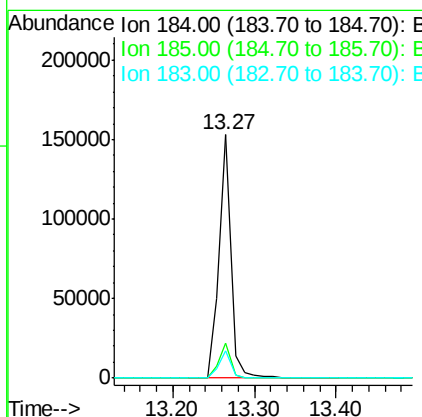
RT: 13.27 min Scan# 978

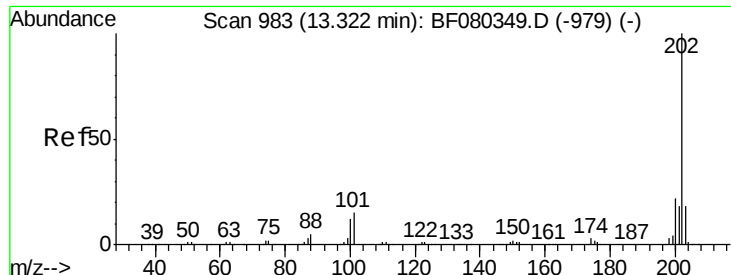
Delta R.T. 0.08 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	155748		
185	14.4	12.6	19.0	
183	11.4	9.2	13.8	





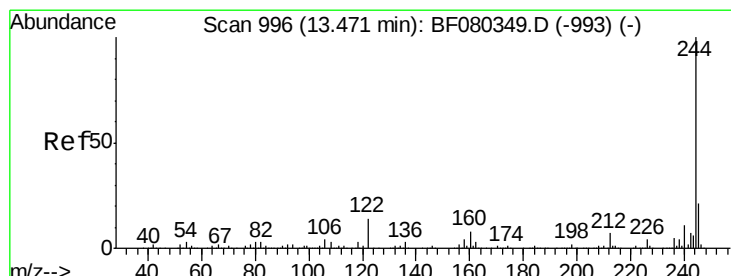
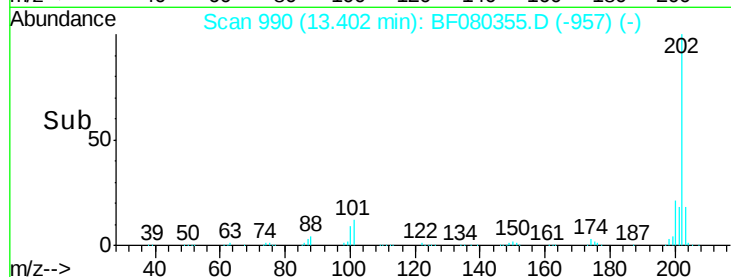
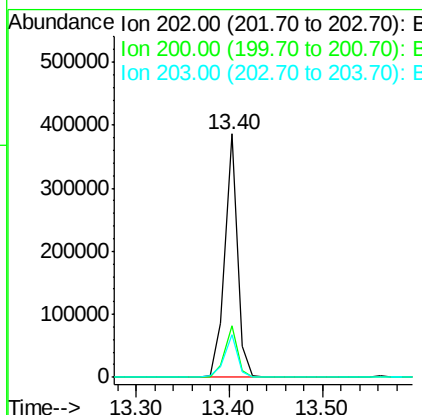
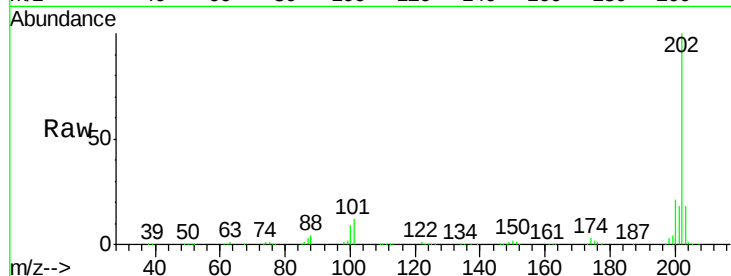
#77
 Pyrene
 Concen: 39.28 ng
 RT: 13.40 min Scan# 990
 Delta R.T. 0.08 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	364974		
200	21.2	17.2	25.8	
203	17.6	14.3	21.5	

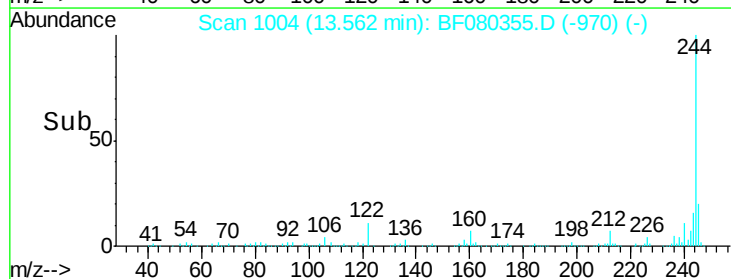
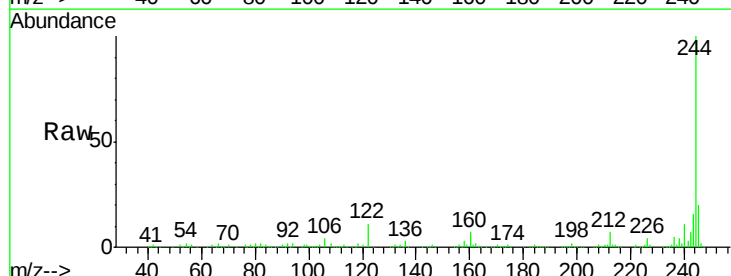
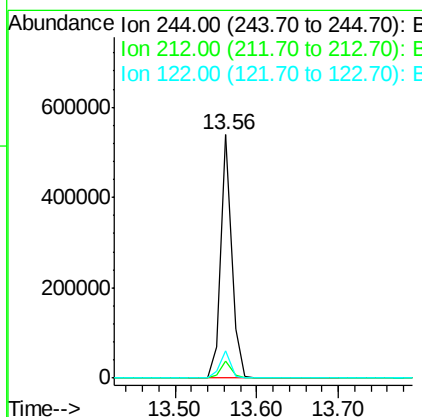
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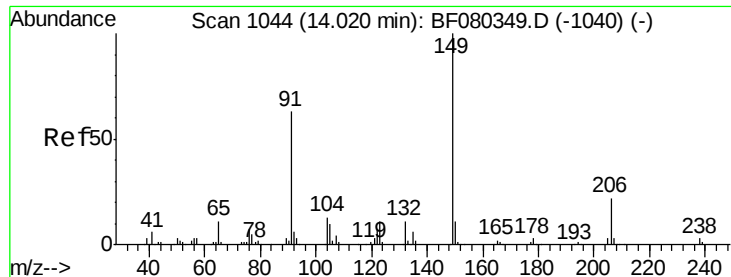
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#78
 Terphenyl-d14
 Concen: 75.71 ng
 RT: 13.56 min Scan# 1004
 Delta R.T. 0.09 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	498597		
212	7.2	5.8	8.8	
122	11.1	11.1	16.7	





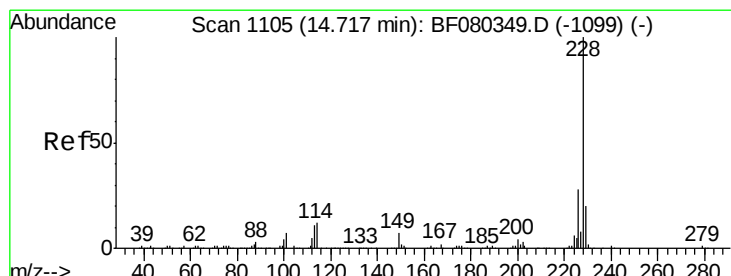
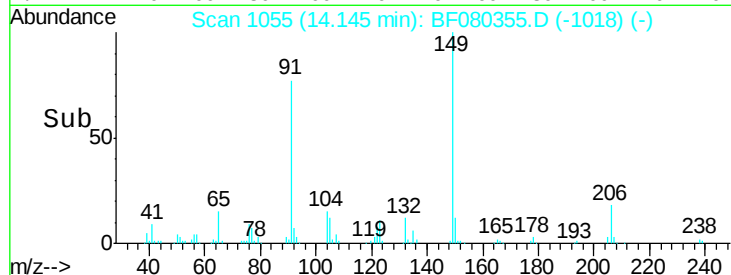
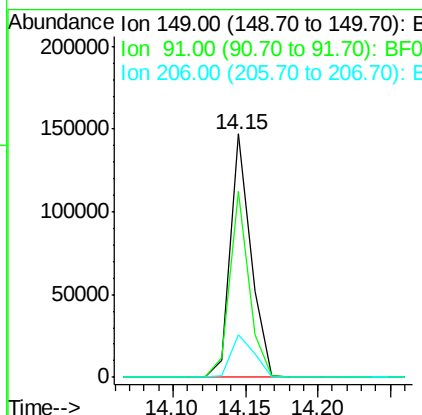
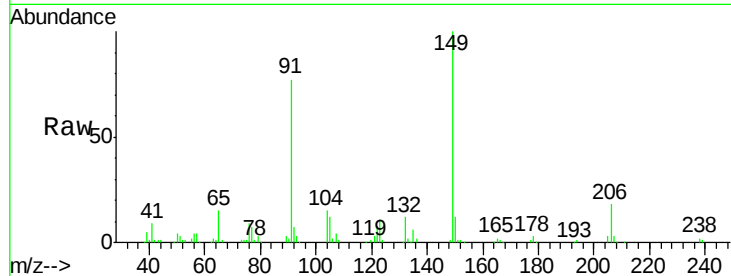
#79
Butylbenzylphthalate
Concen: 38.91 ng
RT: 14.15 min Scan# 1055
Delta R.T. 0.13 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	144285		
91	76.6	50.8	76.2#	
206	17.7	17.6	26.4	

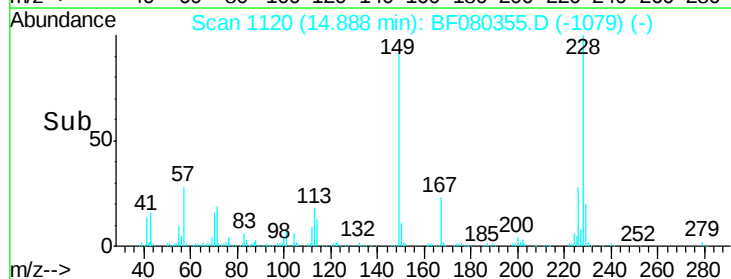
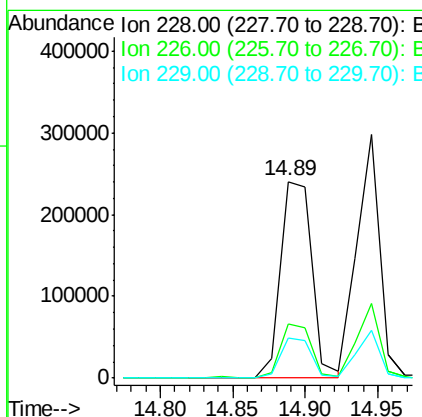
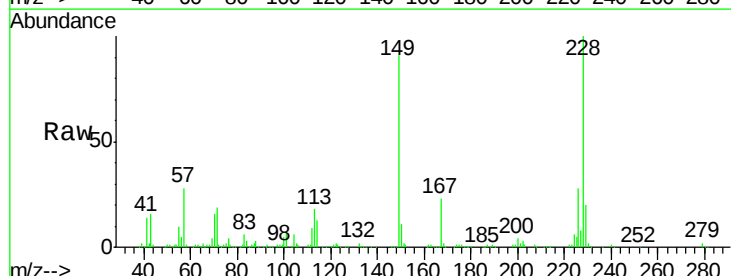
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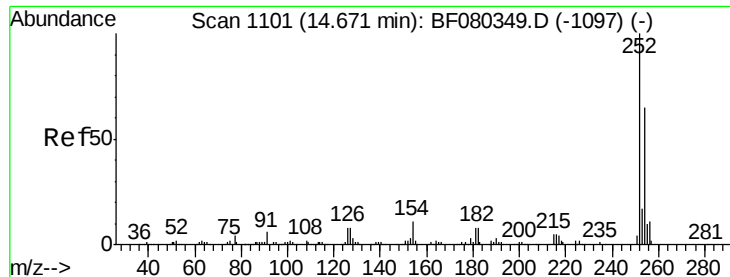
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#80
Benzo(a)anthracene
Concen: 38.80 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.17 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	359185		
226	27.5	22.2	33.4	
229	20.4	16.0	24.0	





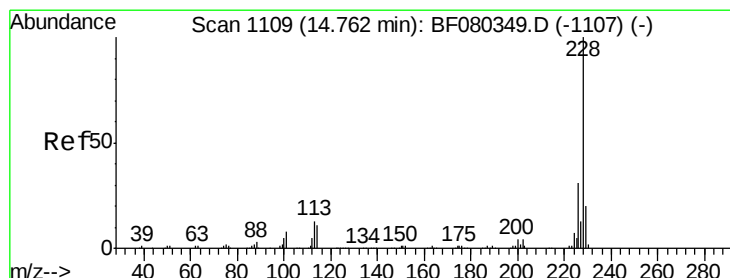
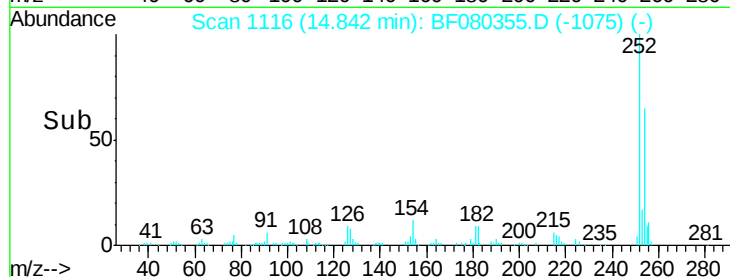
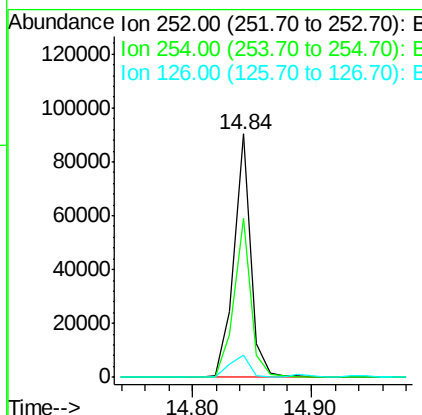
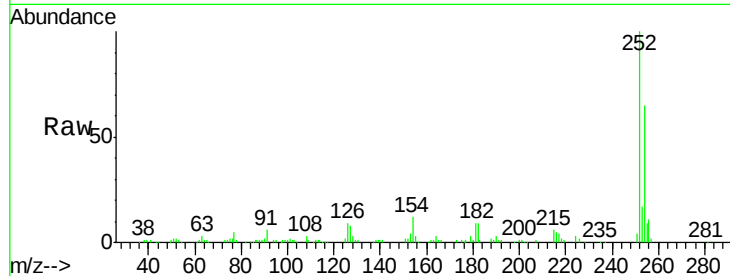
#81
 3,3'-Dichlorobenzidine
 Concen: 29.27 ng
 RT: 14.84 min Scan# 1116
 Delta R.T. 0.17 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.7	77.5
126	9.2	6.3	9.5

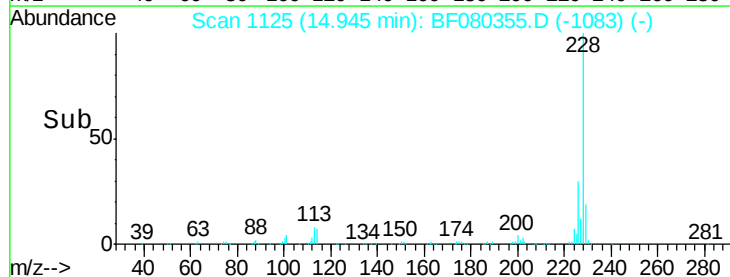
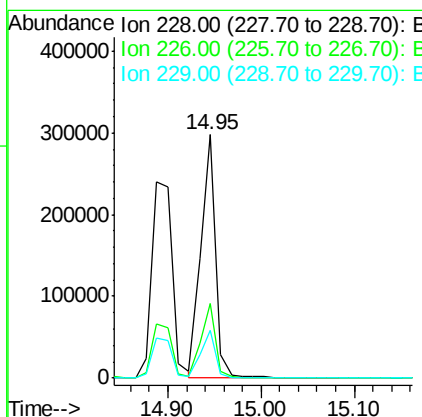
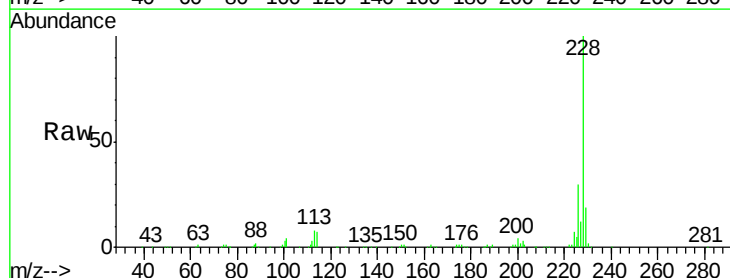
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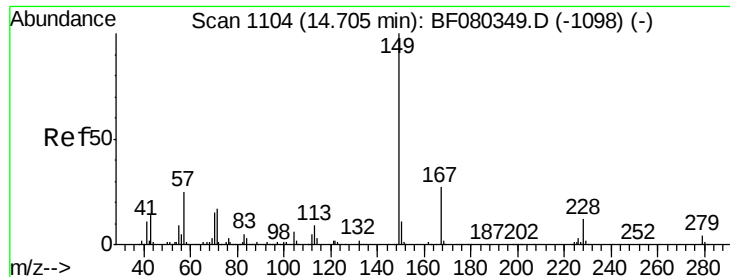
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#82
 Chrysene
 Concen: 38.18 ng
 RT: 14.95 min Scan# 1125
 Delta R.T. 0.18 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	19.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.24 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.18 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

Tgt Ion:149 Resp: 227421
Ion Ratio Lower Upper

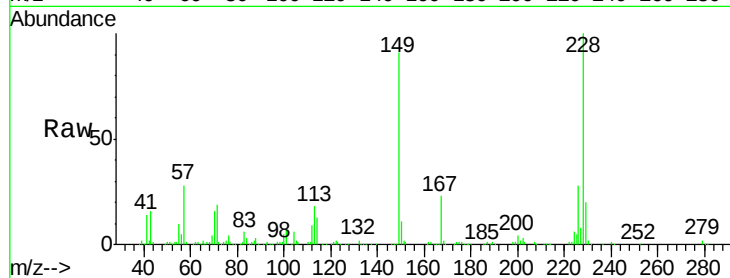
149 100

167 25.1 21.4 32.0

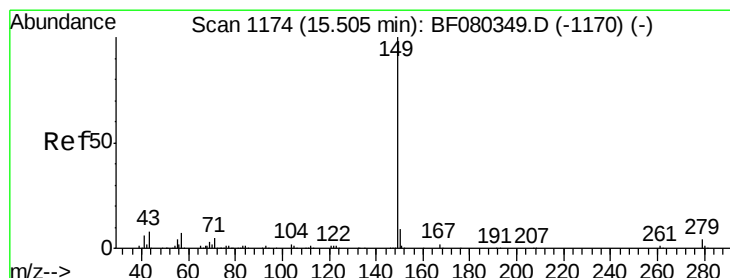
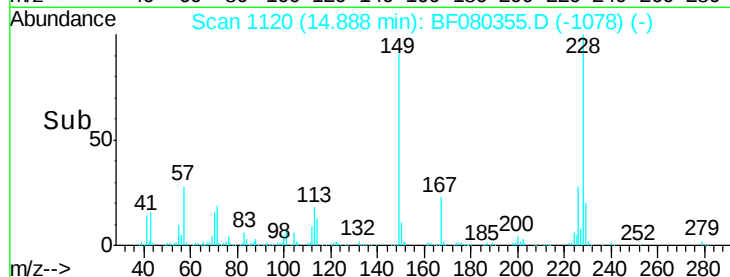
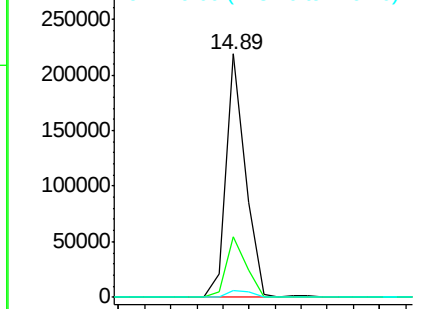
279 2.7 2.9 4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.72 ng

RT: 15.76 min Scan# 1196

Delta R.T. 0.25 min

Lab File: BF080355.D

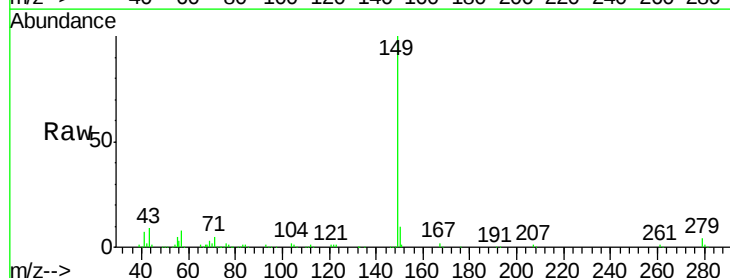
Acq: 6 Jul 2015 20:22

Tgt Ion:149 Resp: 370790
Ion Ratio Lower Upper

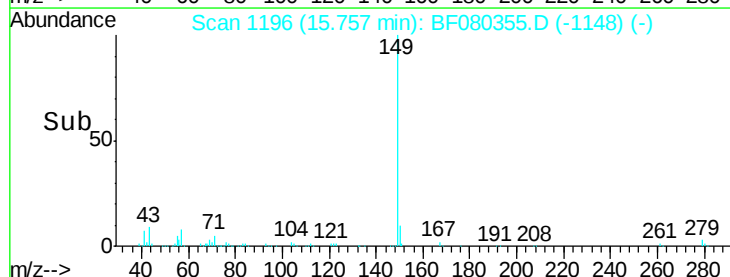
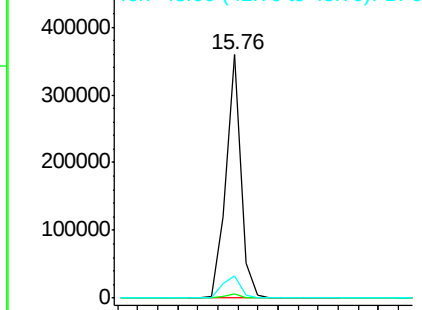
149 100

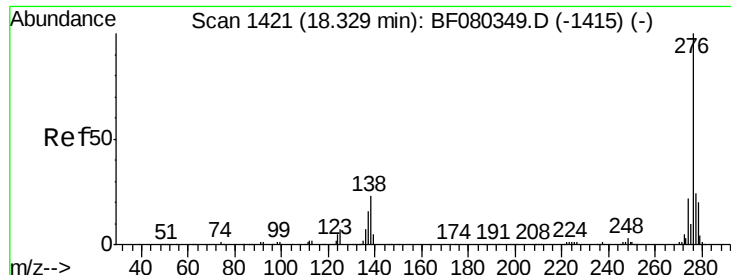
167 1.5 1.2 1.8

43 10.7 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





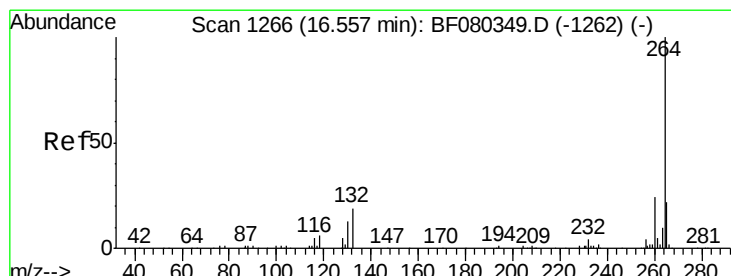
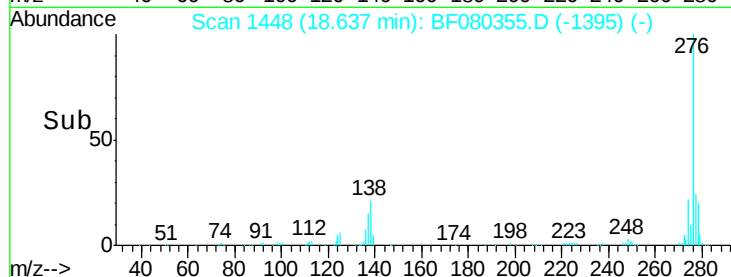
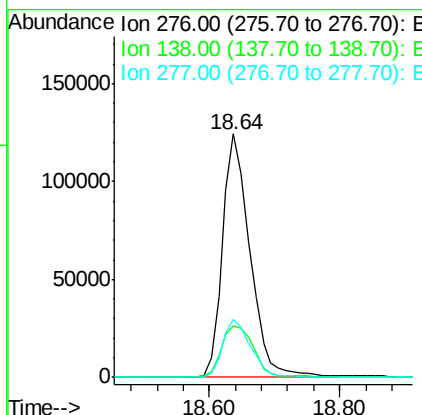
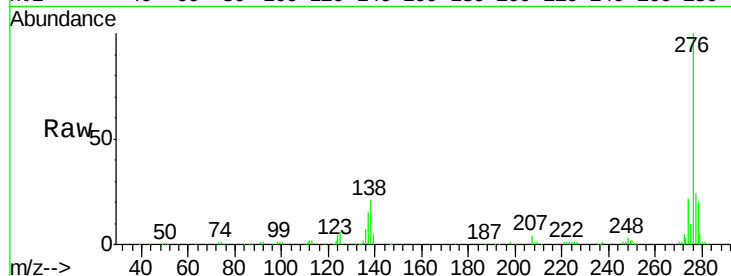
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.73 ng
 RT: 18.64 min Scan# 1448
 Delta R.T. 0.31 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	24.4	19.4	29.0

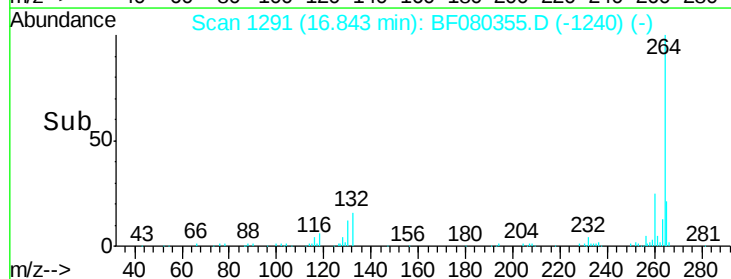
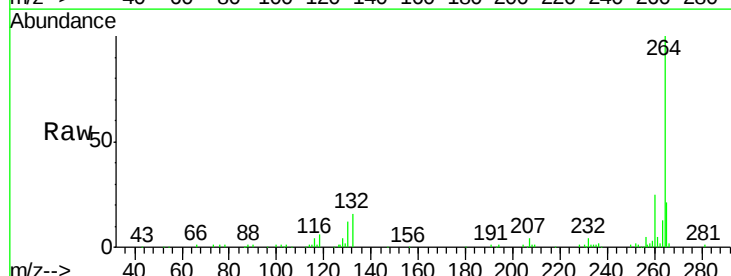
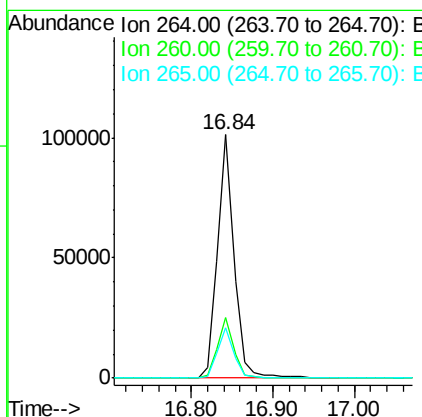
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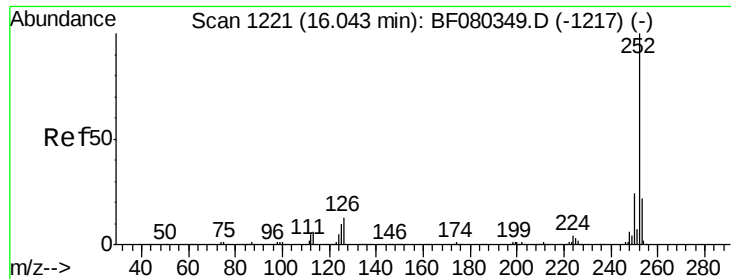
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. 0.29 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.5	17.6	26.4





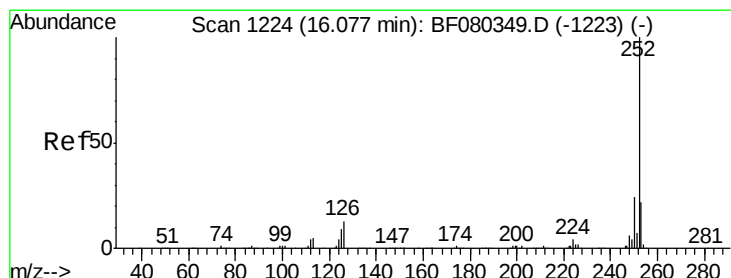
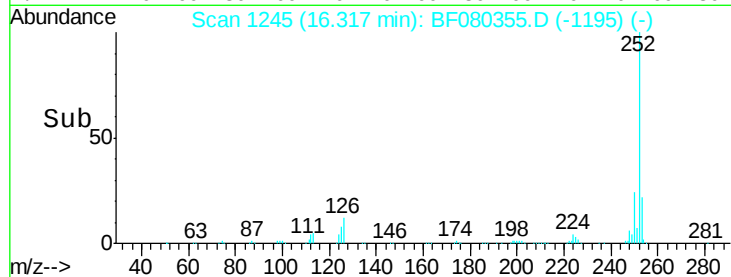
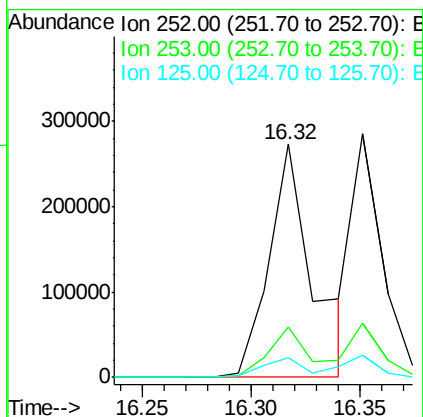
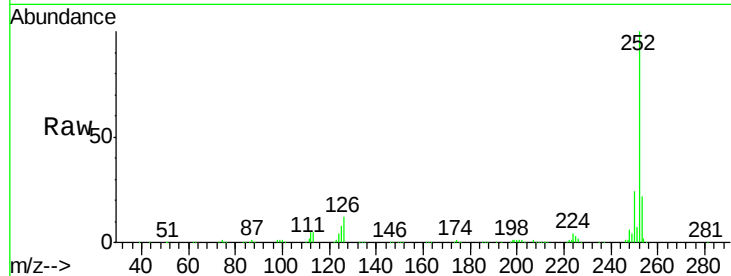
#87
Benzo(b)fluoranthene
Concen: 42.93 ng
RT: 16.32 min Scan# 1245
Delta R.T. 0.27 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.4	7.7	11.5

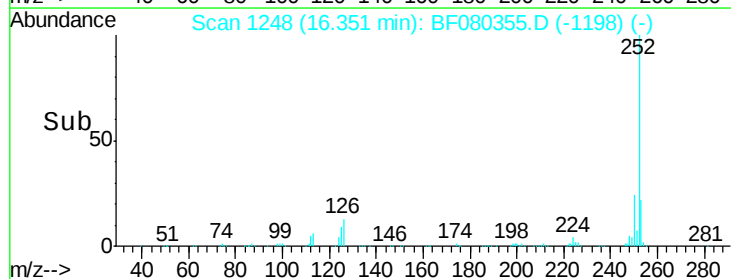
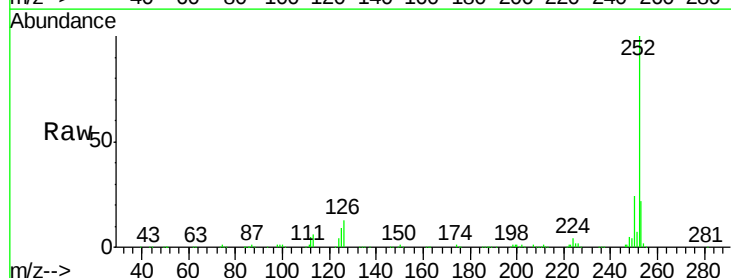
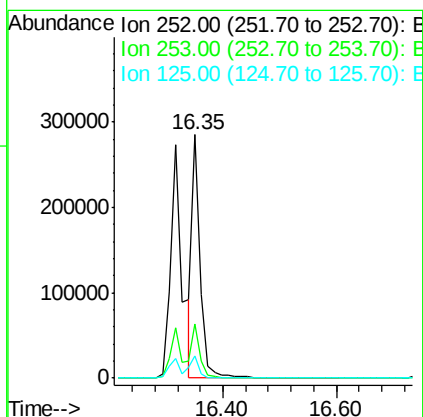
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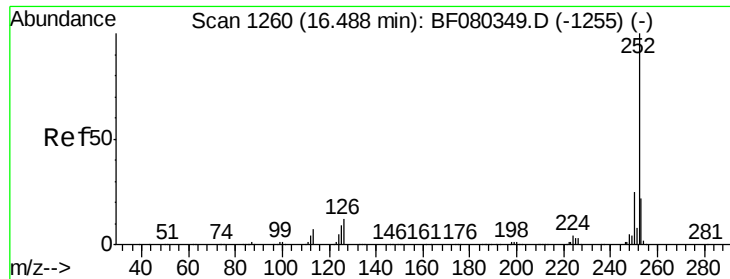
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#88
Benzo(k)fluoranthene
Concen: 34.14 ng
RT: 16.35 min Scan# 1248
Delta R.T. 0.27 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.0	8.5	12.7





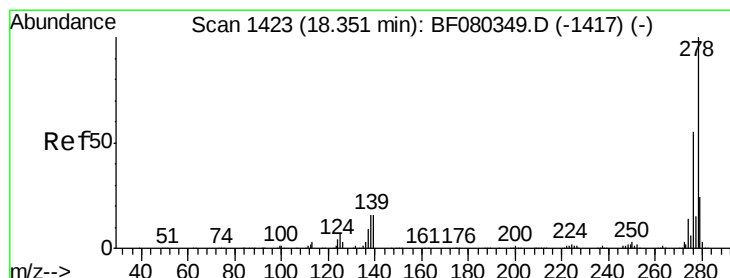
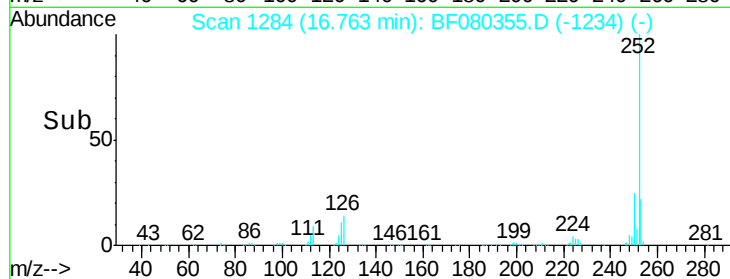
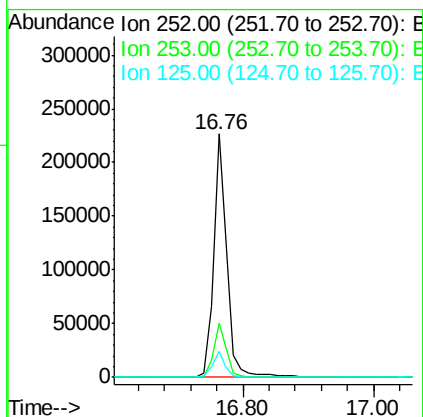
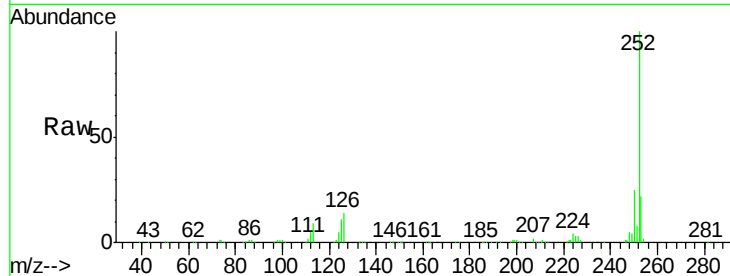
#89
Benzo(a)pyrene
Concen: 39.86 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.27 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	7.3	10.9

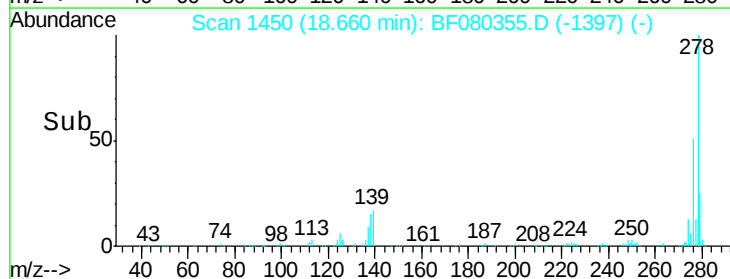
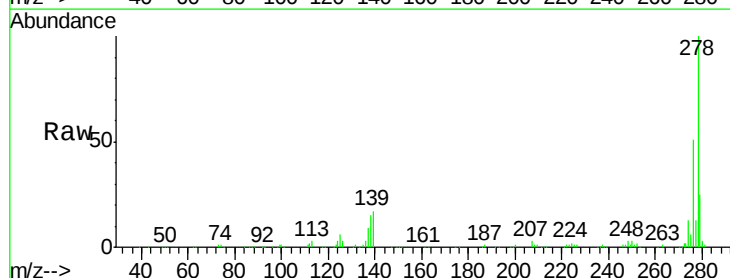
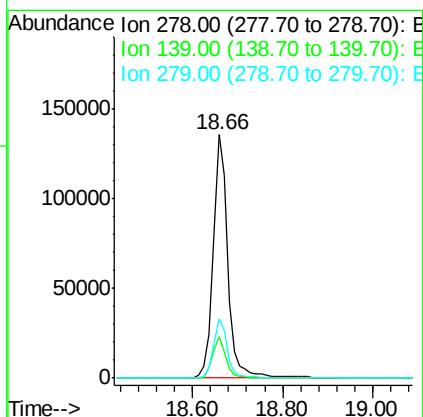
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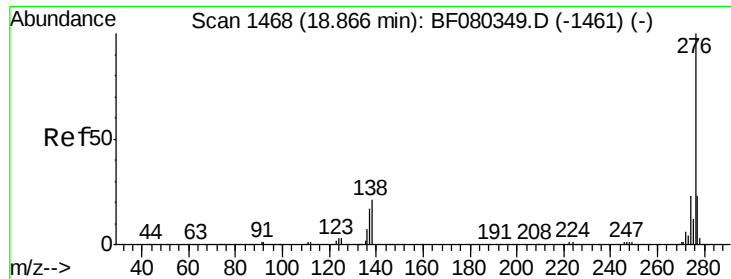
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#90
Dibenzo(a,h)anthracene
Concen: 38.30 ng
RT: 18.66 min Scan# 1450
Delta R.T. 0.31 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.6
279	24.5	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 38.15 ng
 RT: 19.17 min Scan# 1495
 Delta R.T. 0.31 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:	276	Resp:	312448
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	20.5	16.8	25.2

Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:05 PM

