

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084793.D
 Acq On : 3 Feb 2016 19:14
 Operator : SJ/IZ
 Sample : PB88148BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Manual Integrations
 APPROVED

mohammad
 2/4/2016 2:04:36 PM

Quant Time: Feb 04 00:47:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	186007	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	761468	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	353904	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	654057	20.00	ng	0.00
75) Chrysene-d12	13.84	240	454429	20.00	ng	0.00
86) Perylene-d12	15.21	264	358193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1344658	112.60	ng	0.01
7) Phenol-d6	6.35	99	1756787	118.67	ng	0.01
23) Nitrobenzene-d5	7.26	82	1133647	83.87	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	449153	121.67	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1836078	88.64	ng	0.00
78) Terphenyl-d14	12.80	244	1776566	88.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	168103	32.14	ng	# 76
3) Pyridine	2.92	79	493793	36.23	ng	# 75
4) n-Nitrosodimethylamine	2.88	42	272654	38.68	ng	# 80
6) Aniline	6.35	93	453098	25.01	ng	# 62
8) 2-Chlorophenol	6.48	128	531134	39.29	ng	96
9) Benzaldehyde	6.22	77	187534	21.45	ng	91
10) Phenol	6.36	94	677878	40.87	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	468379m	36.22	ng	
12) 1,3-Dichlorobenzene	6.62	146	520454	36.44	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	543594	38.08	ng	95
14) 1,2-Dichlorobenzene	6.85	146	468012	35.20	ng	94
15) Benzyl Alcohol	6.84	79	397811	38.91	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	749487	34.45	ng	89
17) 2-Methylphenol	6.97	107	439748	41.14	ng	# 92
18) Hexachloroethane	7.20	117	205728	37.42	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	341590	36.81	ng	# 75
20) 3+4-Methylphenols	7.12	107	533291	40.19	ng	# 72
22) Acetophenone	7.10	105	727787	36.26	ng	99
24) Nitrobenzene	7.28	77	489858	33.84	ng	96
25) Isophorone	7.53	82	992086	37.74	ng	96
26) 2-Nitrophenol	7.60	139	286762	40.17	ng	# 88
27) 2,4-Dimethylphenol	7.64	122	481674	38.79	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	600233	38.49	ng	99
29) 2,4-Dichlorophenol	7.85	162	432230	40.68	ng	94
30) 1,2,4-Trichlorobenzene	7.92	180	434342	36.19	ng	96
31) Naphthalene	8.00	128	1388943	36.36	ng	99
32) Benzoic acid	7.79	122	289514	36.45	ng	94
33) 4-Chloroaniline	8.05	127	202524	12.82	ng	96
34) Hexachlorobutadiene	8.12	225	265260	38.33	ng	99
35) Caprolactam	8.43	113	132752m	40.54	ng	
36) 4-Chloro-3-methylphenol	8.56	107	491517	40.55	ng	99
37) 2-Methylnaphthalene	8.69	142	1025662	42.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	383372	34.11	ng	98
40) Hexachlorocyclopentadiene	8.84	237	394431	79.64	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	311631	43.04	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	270918	36.82	nq	93
45) 1,1'-Biphenyl	9.16	154	1148091	36.32	nq	95
46) 2-Chloronaphthalene	9.17	162	847244	36.40	nq	96
47) 2-Nitroaniline	9.28	65	264470	35.88	nq	98
48) Acenaphthylene	9.60	152	1325466	37.52	nq	98
49) Dimethylphthalate	9.47	163	1087729	40.35	nq #	91
50) 2,6-Dinitrotoluene	9.53	165	241117	40.95	nq #	74
51) Acenaphthene	9.77	154	872971	37.98	nq	96
52) 3-Nitroaniline	9.69	138	128526	19.42	nq	94
53) 2,4-Dinitrophenol	9.80	184	202718	74.98	nq #	80
54) Dibenzofuran	9.94	168	1248908	44.46	nq	99
55) 4-Nitrophenol	9.88	139	355631	73.13	nq	88
56) 2,4-Dinitrotoluene	9.93	165	263594	35.10	nq #	75
57) Fluorene	10.28	166	899169	38.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228133	40.73	nq	91
59) Diethylphthalate	10.17	149	1049262	39.86	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	406143	40.48	nq	95
61) 4-Nitroaniline	10.30	138	232842	36.11	nq	92
62) Azobenzene	10.43	77	1069974	42.28	nq	90
64) 4,6-Dinitro-2-methylphenol	10.34	198	175491	43.47	nq	97
65) n-Nitrosodiphenylamine	10.40	169	860747	41.44	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	296095	40.99	nq	97
67) Hexachlorobenzene	10.82	284	289574	36.79	nq #	87
68) Atrazine	10.93	200	284232	43.34	nq	91
69) Pentachlorophenol	11.02	266	297280	80.36	nq	99
70) Phenanthrene	11.23	178	1321241	36.42	nq	97
71) Anthracene	11.29	178	1492456	40.83	nq	99
72) Carbazole	11.45	167	1326773	41.63	nq	98
73) Di-n-butylphthalate	11.78	149	1408284	34.70	nq #	96
74) Fluoranthene	12.42	202	1452651	39.56	nq	93
76) Benzidine	12.54	184	564737	35.06	nq	98
77) Pyrene	12.64	202	1392559	40.02	nq	99
79) Butylbenzylphthalate	13.28	149	666275	42.21	nq #	85
80) Benzo(a)anthracene	13.83	228	1113997	39.50	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	182910	18.32	nq #	94
82) Chrysene	13.86	228	1012028	37.00	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	833387	42.43	nq #	97
84) Di-n-octyl phthalate	14.44	149	1253035	38.67	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	873850	40.59	nq	99
87) Benzo(b)fluoranthene	14.83	252	875155m	36.36	nq	
88) Benzo(k)fluoranthene	14.87	252	917507m	46.11	nq	
89) Benzo(a)pyrene	15.16	252	836207	40.78	nq #	98
90) Dibenzo(a,h)anthracene	16.51	278	730341	42.31	nq	98
91) Benzo(g,h,i)perylene	16.89	276	752263	43.26	nq	99

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



#1

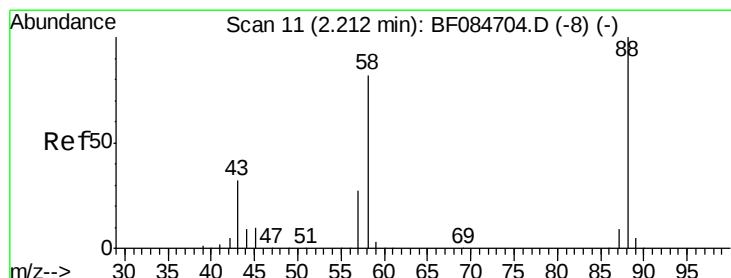
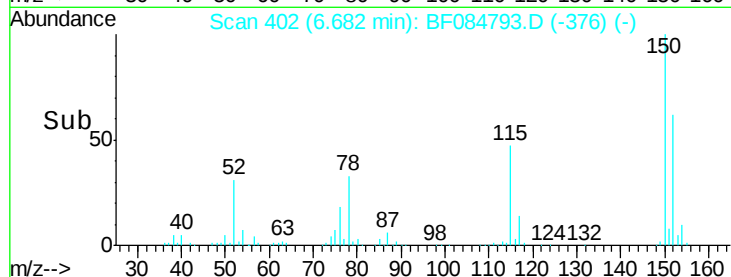
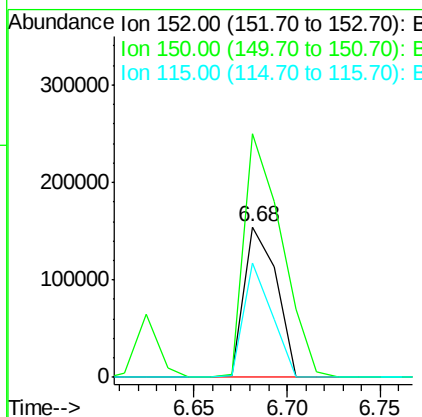
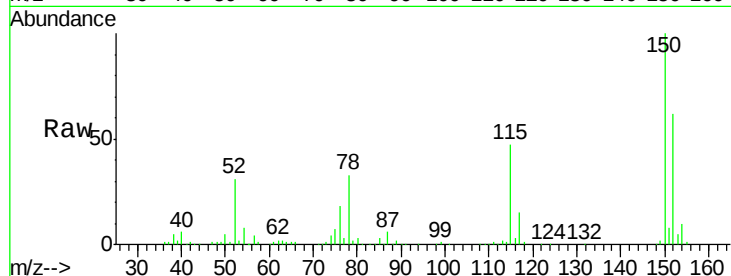
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	123.0	184.4
115	76.0	51.4	77.2

Manual Integrations
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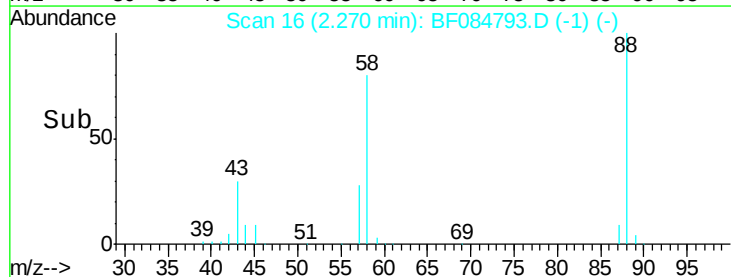
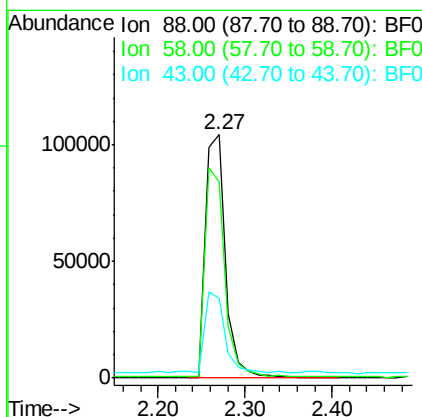
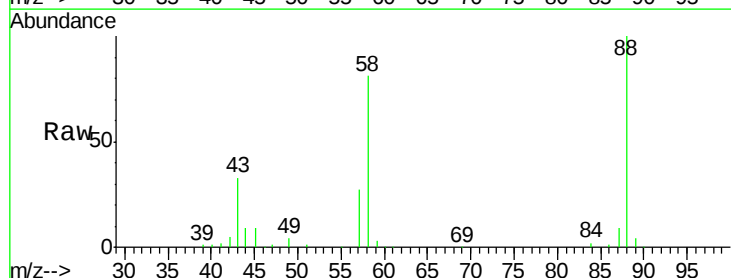
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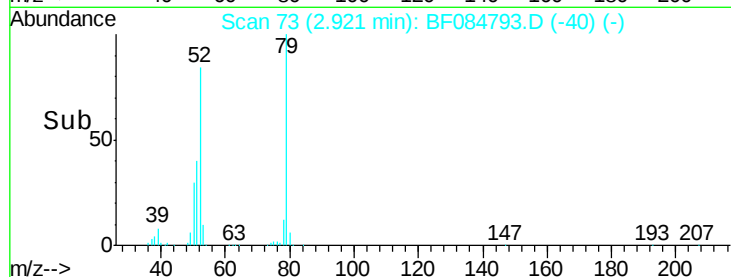
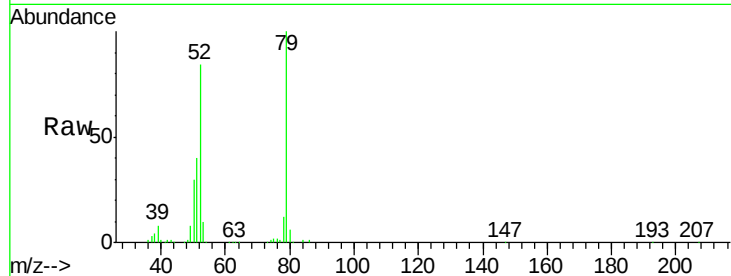
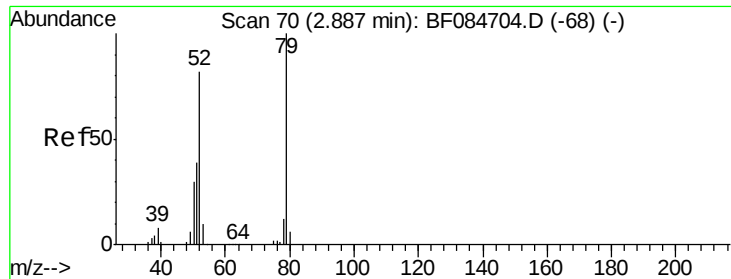


#2

1,4-Dioxane
Concen: 32.14 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	51.2	76.8#
43	34.8	19.5	29.3#





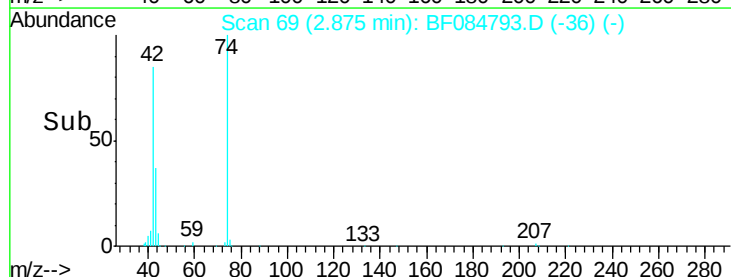
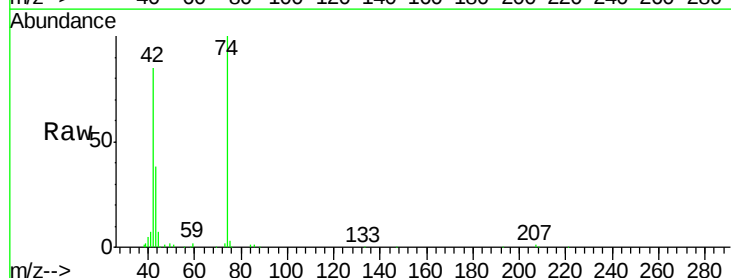
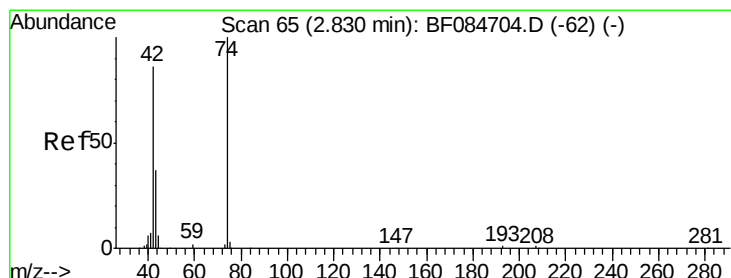
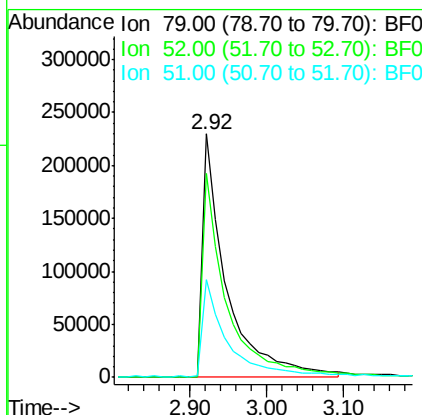
#3
 Pvridine
 Concen: 36.23 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.08 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.5	49.0	73.4#
51	40.4	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

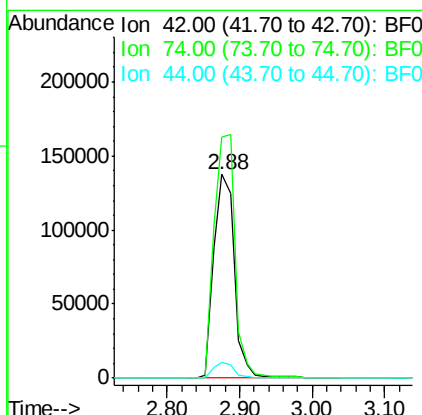
Manual Integrations
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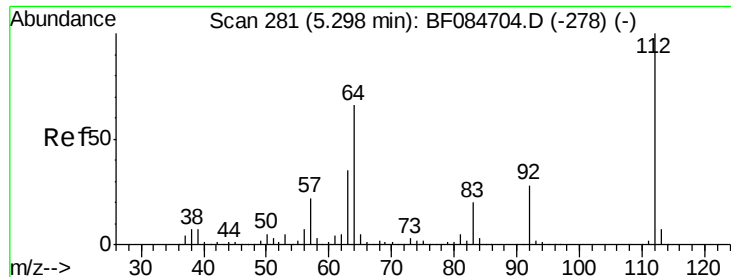
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 38.68 ng
 RT: 2.88 min Scan# 69
 Delta R.T. 0.08 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.3	115.7	173.5
44	7.8	5.1	7.7#





#5

2-Fluorophenol

Concen: 112.60 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampled :

PB88148BS

Tot Ion:112 Resp: 1344658
Ion Ratio Lower Upper

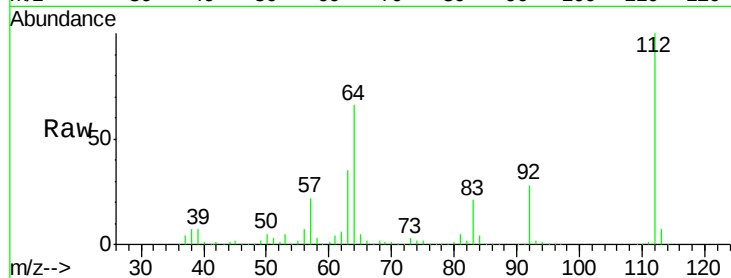
112 100

64 66.0 36.6 55.0#

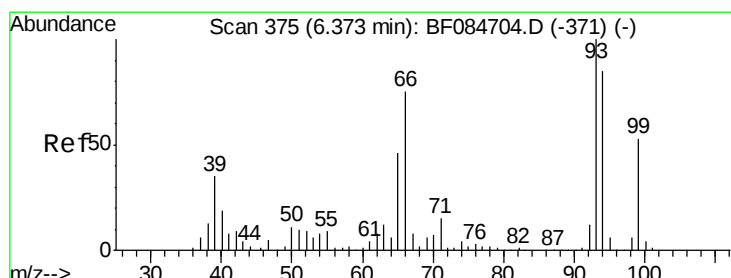
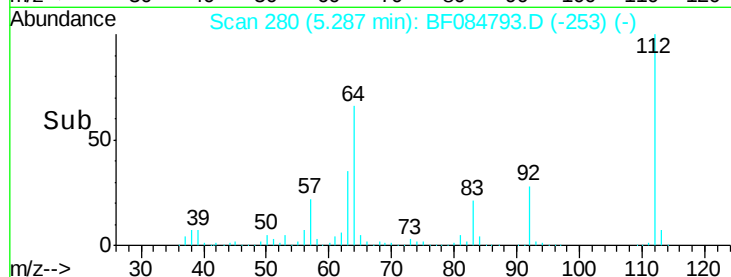
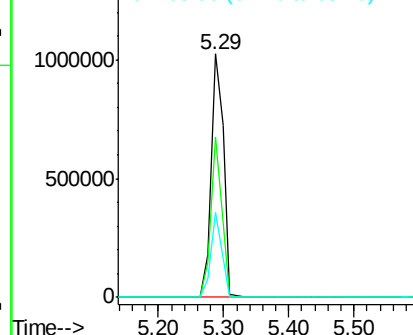
63 35.1 19.4 29.0#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.01 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084793.D

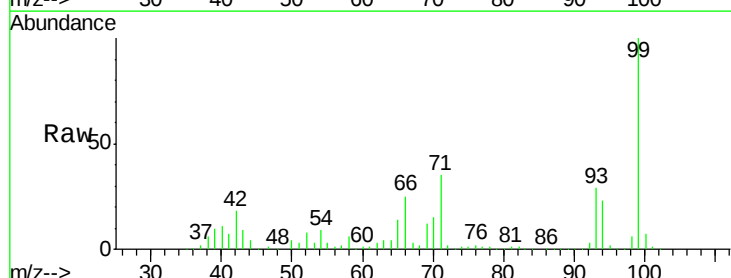
Acq: 3 Feb 2016 19:14

Tgt Ion: 93 Resp: 453098
Ion Ratio Lower Upper

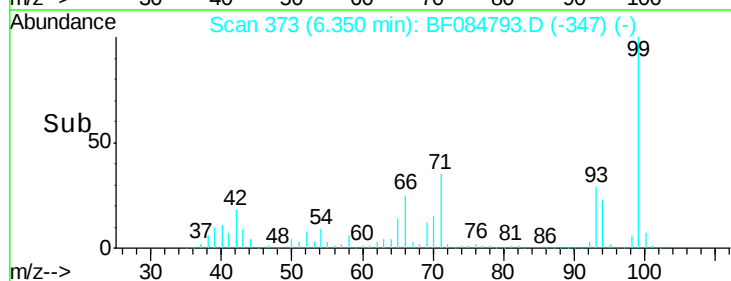
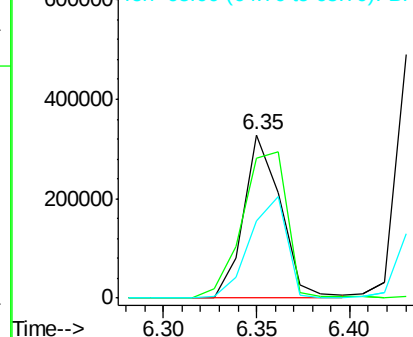
93 100

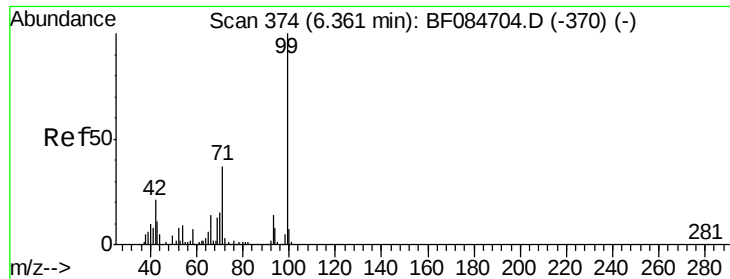
66 85.9 44.9 67.3#

65 47.2 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.67 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tot Ion: 99 Resp: 1756787

Ion Ratio Lower Upper

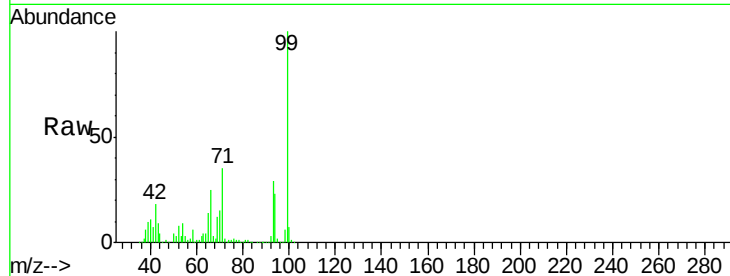
99 100

42 17.7 12.8 19.2

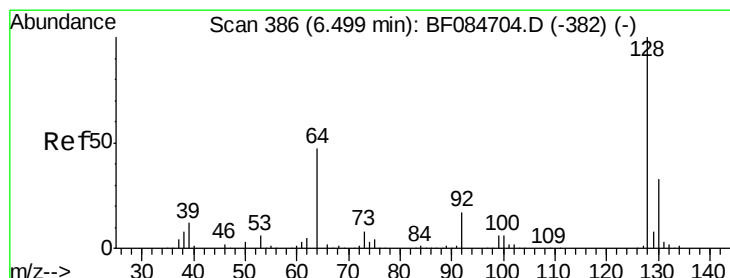
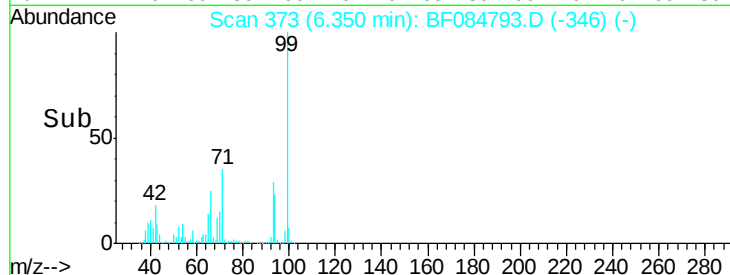
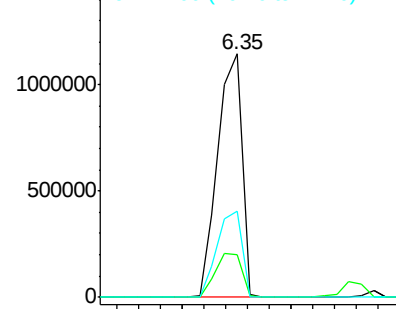
71 35.4 30.9 46.3

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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: 39.29 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

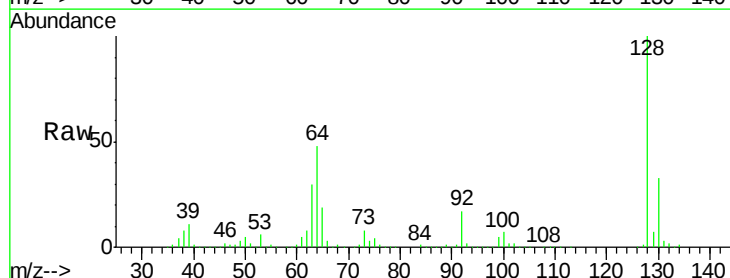
Tgt Ion: 128 Resp: 531134

Ion Ratio Lower Upper

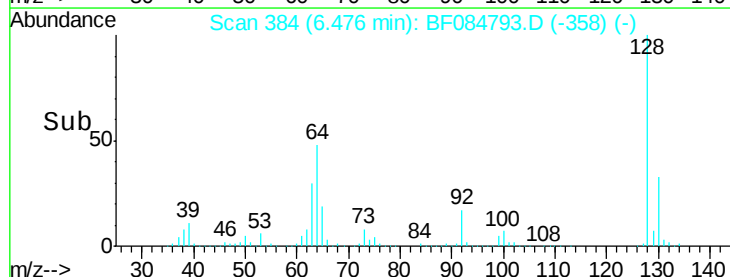
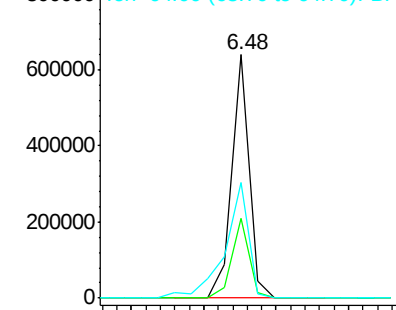
128 100

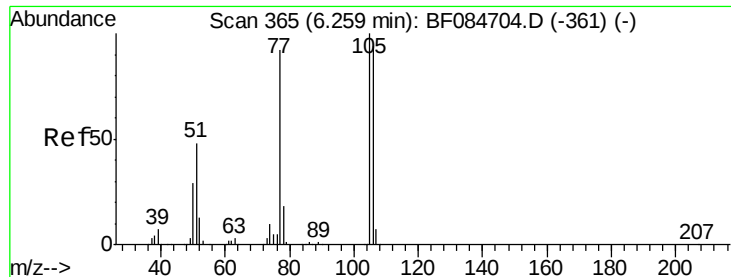
130 32.9 11.6 51.6

64 47.6 23.8 63.8



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: 21.45 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

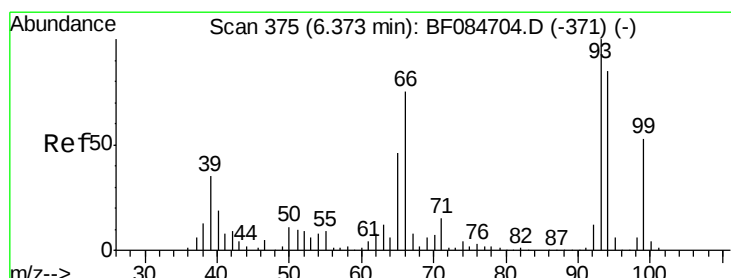
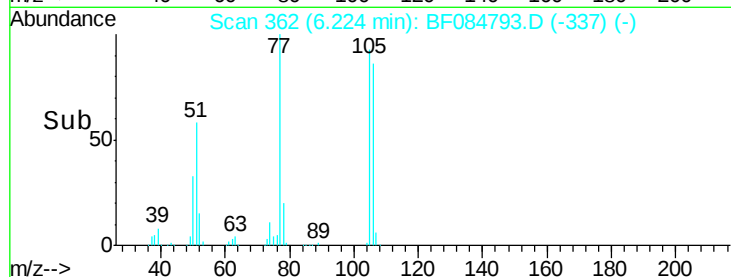
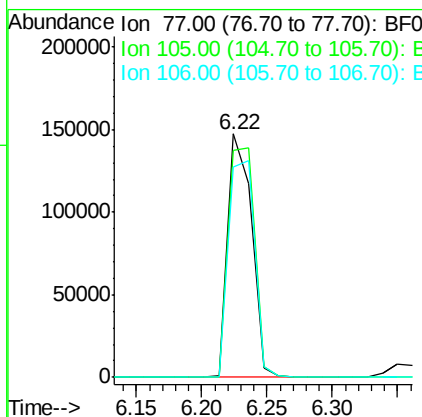
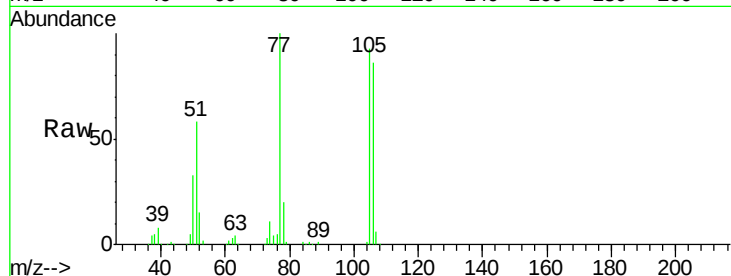
ClientSampleId :

PB88148BS

Tot Ion:	77	Resp:	187534
Ion Ratio	Lower	Upper	
77	100		
105	93.1	83.0	123.0
106	86.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 40.87 ng

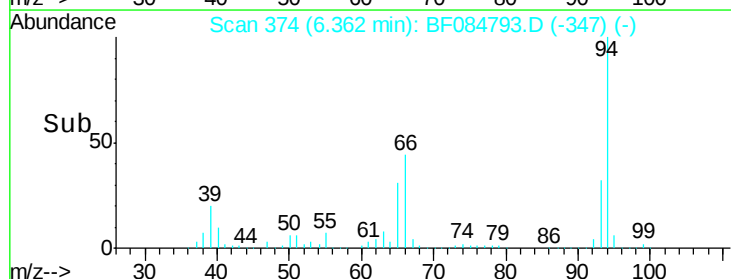
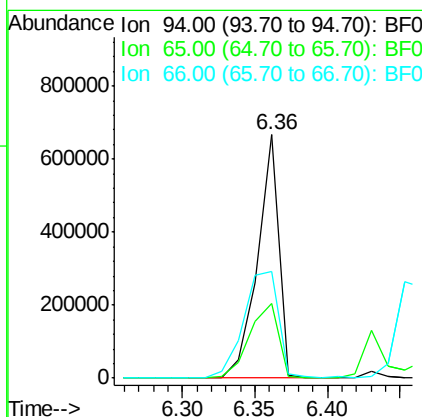
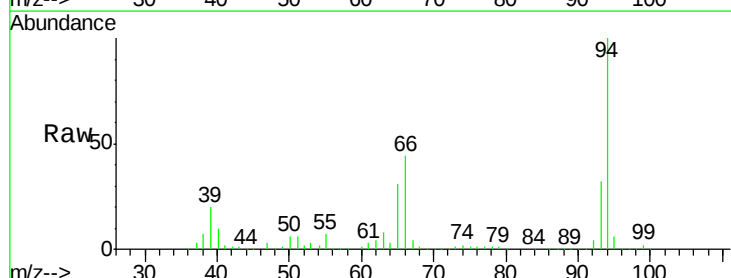
RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	94	Resp:	677878
Ion Ratio	Lower	Upper	
94	100		
65	30.7	12.9	52.9
66	44.0	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.22 ng/ml

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

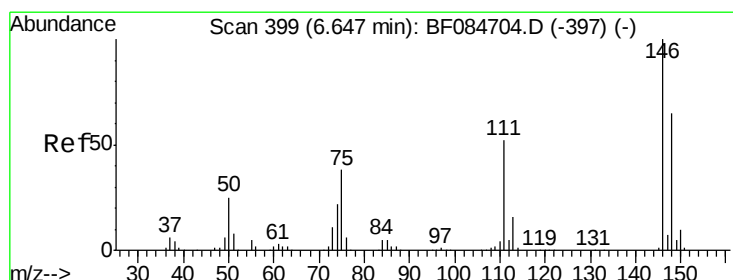
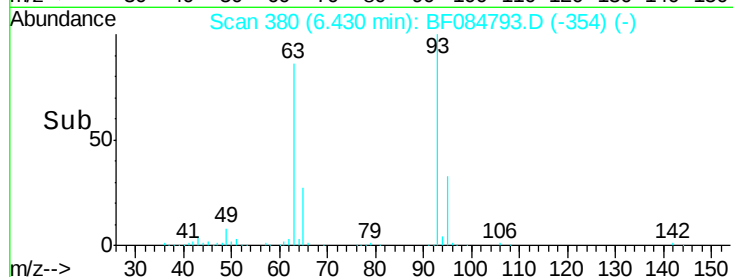
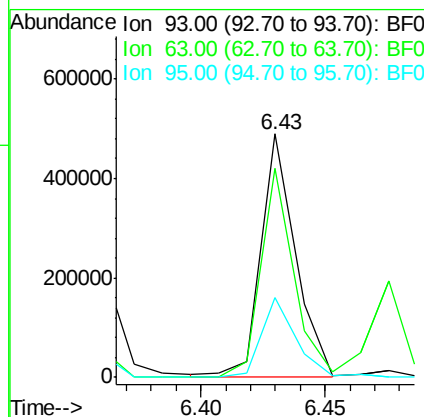
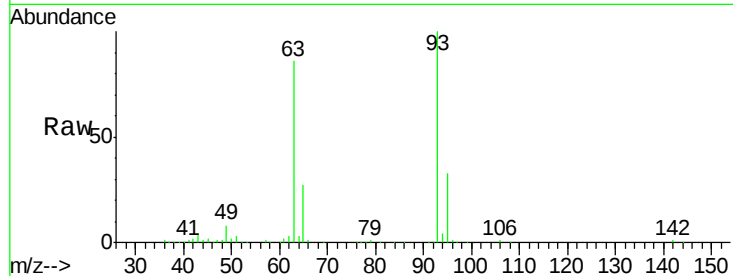
ClientSampleId :

PB88148BS

Tot Ion:	93	Resp:	468379
Ion Ratio	Lower	Upper	
93	100		
63	85.6	45.9	85.9
95	32.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.44 ng/ml

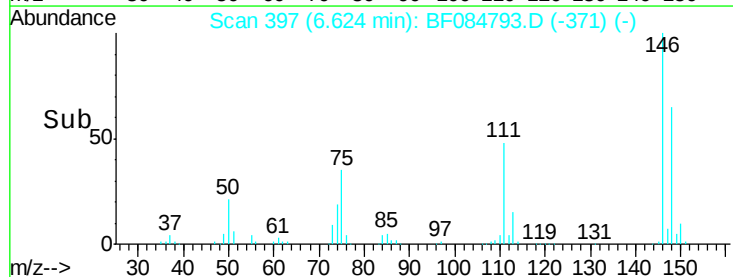
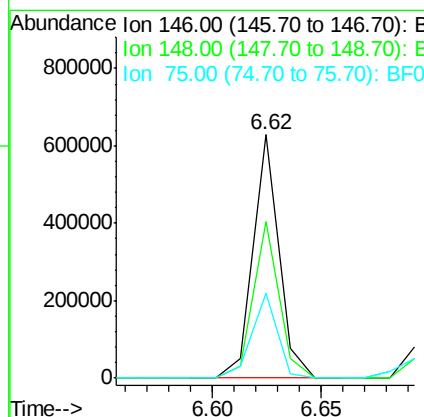
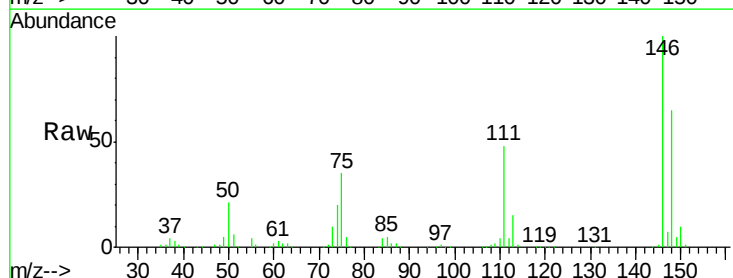
RT: 6.62 min Scan# 397

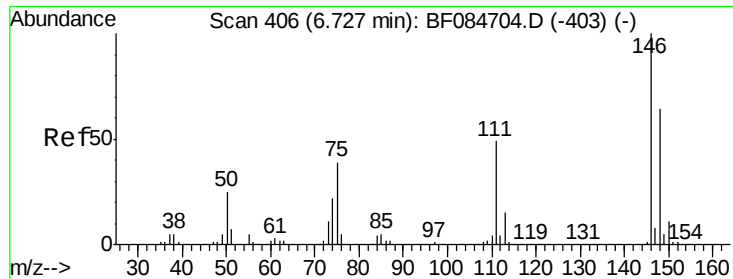
Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	146	Resp:	520454
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
75	35.0	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 38.08 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

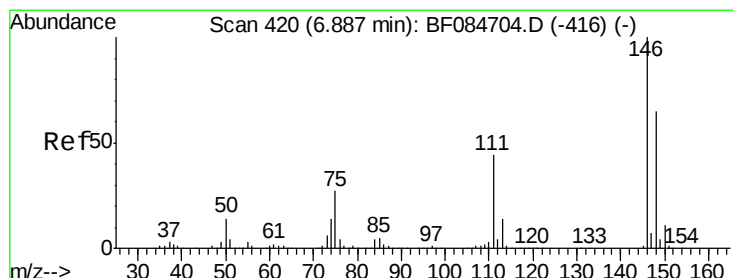
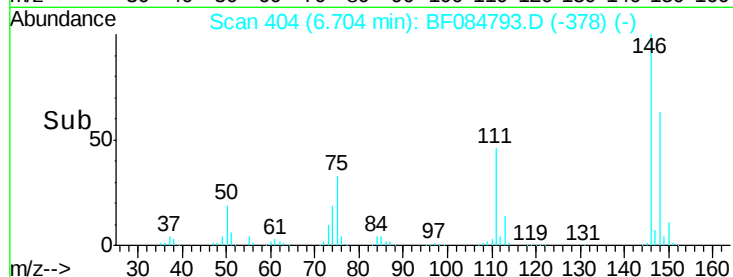
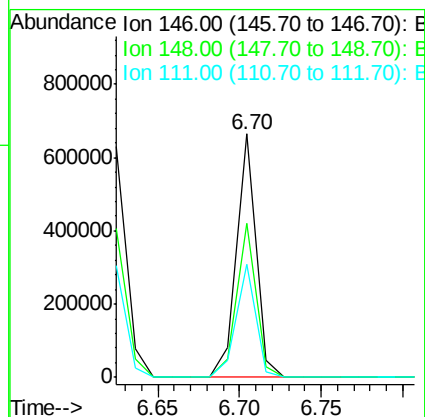
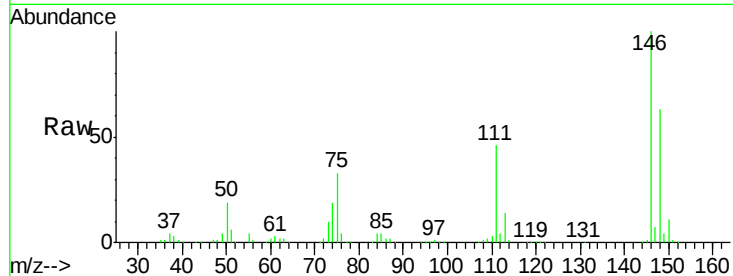
ClientSampleId :

PB88148BS

Tot Ion:	146	Resp:	543594
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.9	77.9
111	46.3	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 35.20 ng

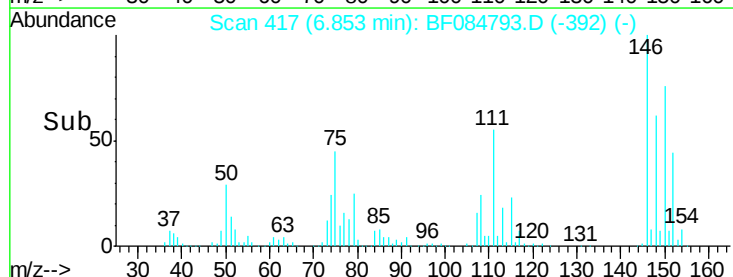
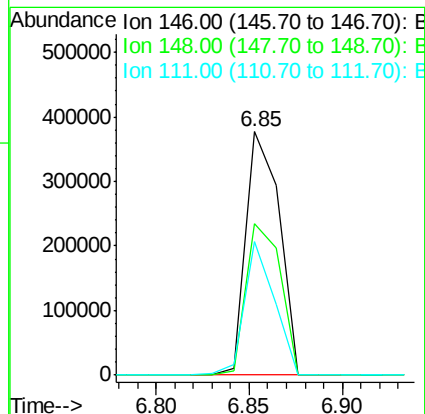
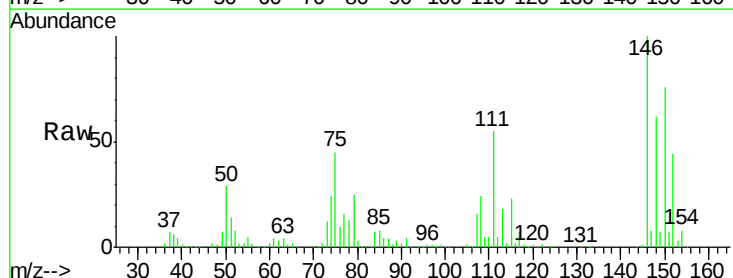
RT: 6.85 min Scan# 417

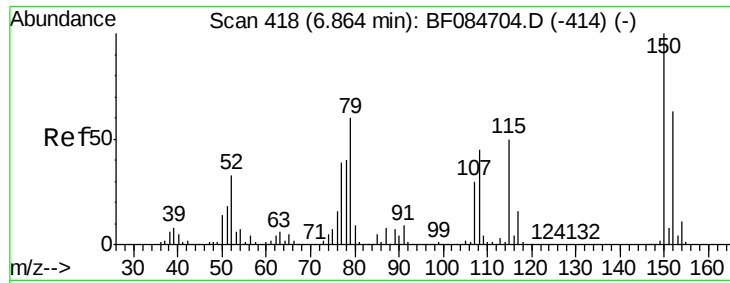
Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	146	Resp:	468012
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.6	77.4
111	54.6	38.0	57.0





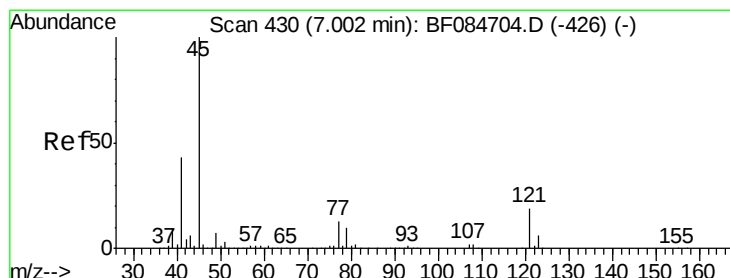
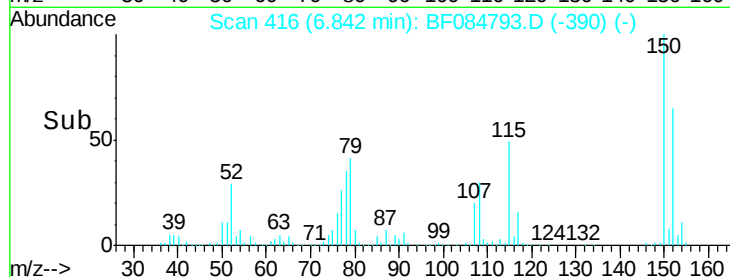
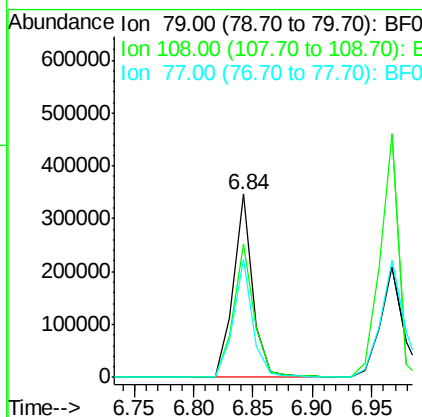
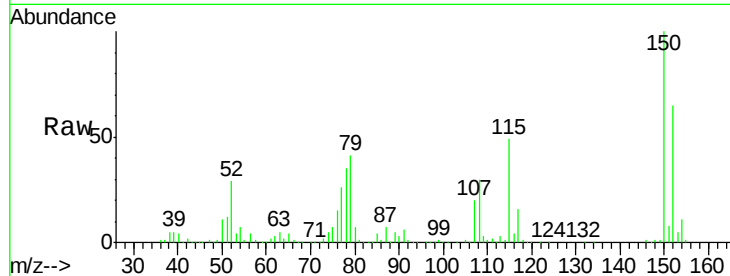
#15
Benzyl Alcohol
Concen: 38.91 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	69.0	103.4
77	64.6	50.0	75.0

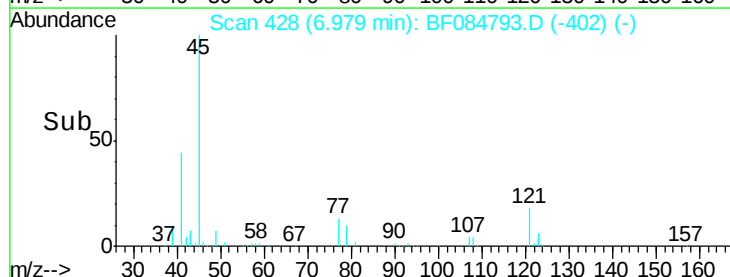
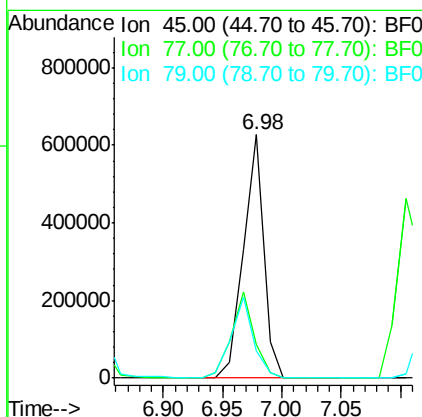
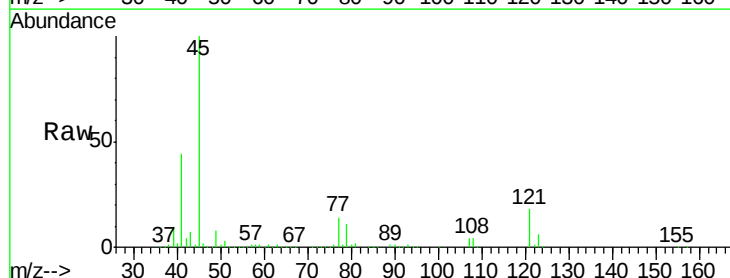
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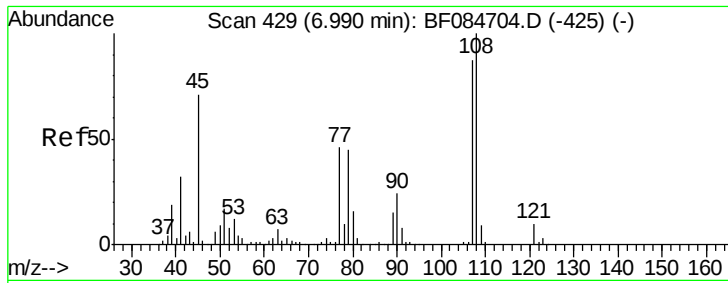
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.45 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	39.6
79	11.0	0.0	35.0





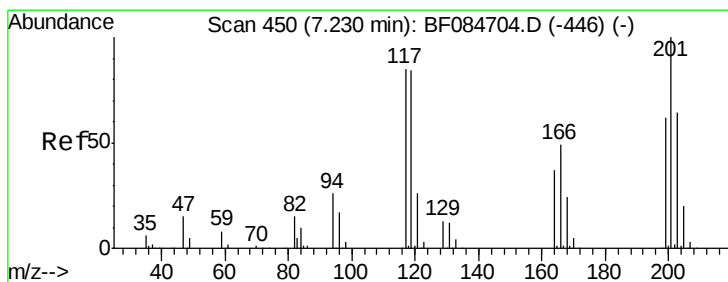
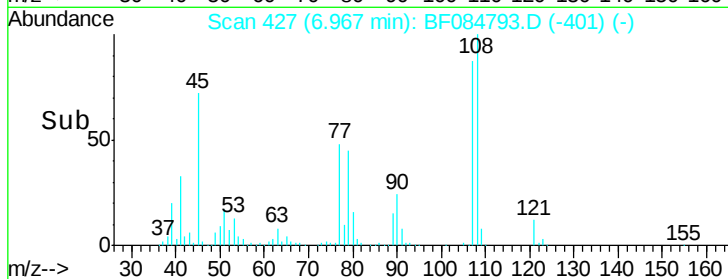
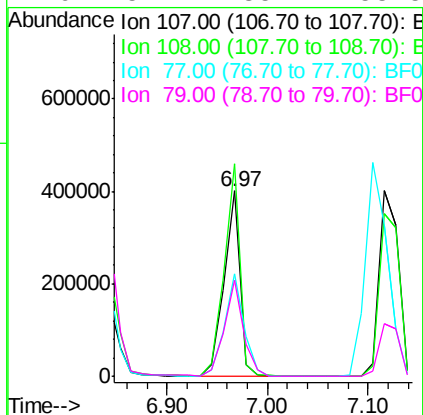
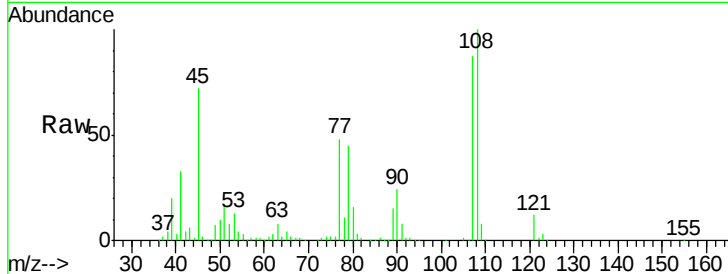
#17
2-Methylphenol
Concen: 41.14 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	115.0	89.8	134.6		
77	55.4	35.7	53.5		
79	52.1	35.7	53.5		

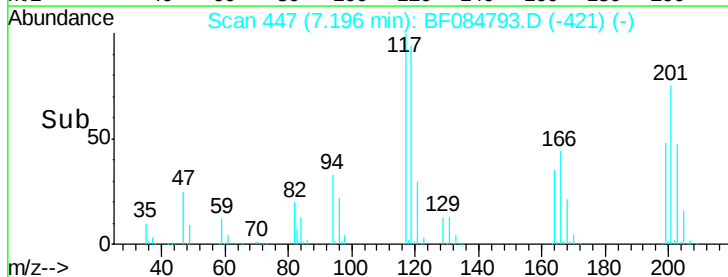
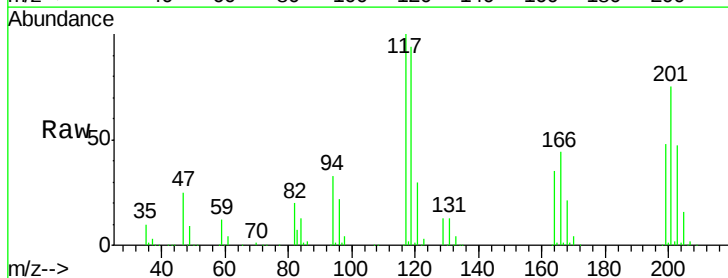
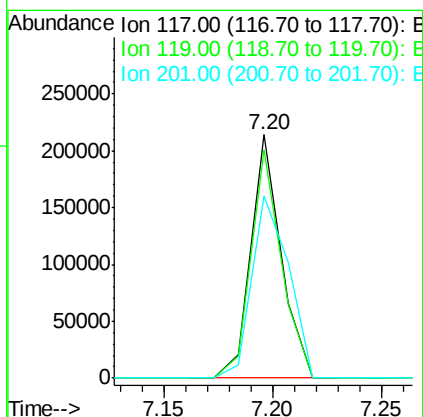
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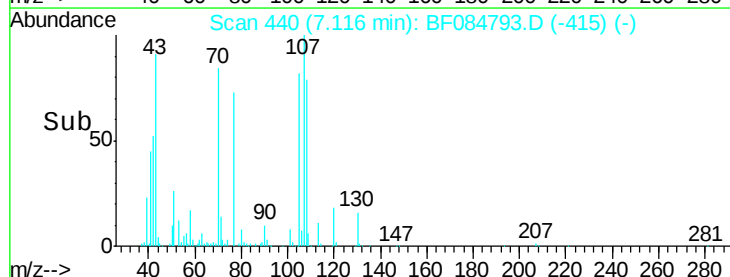
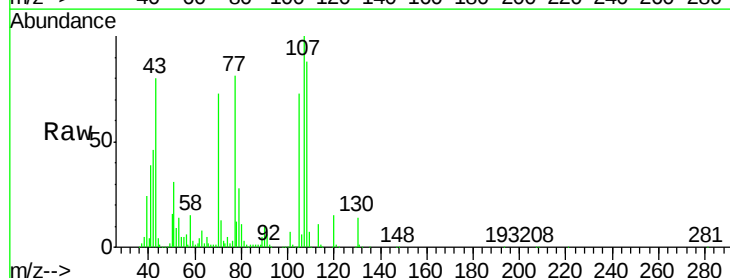
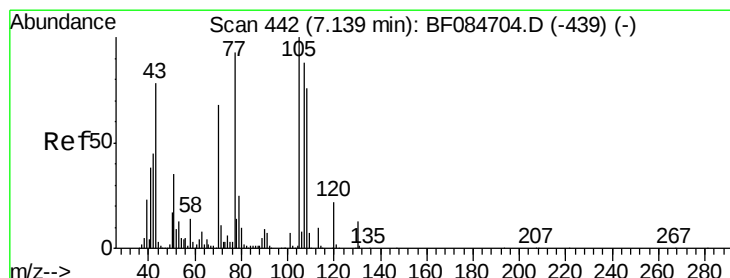
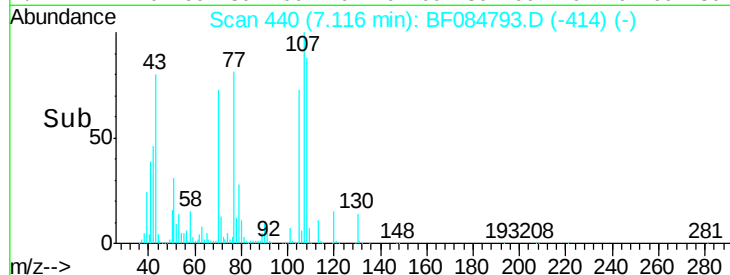
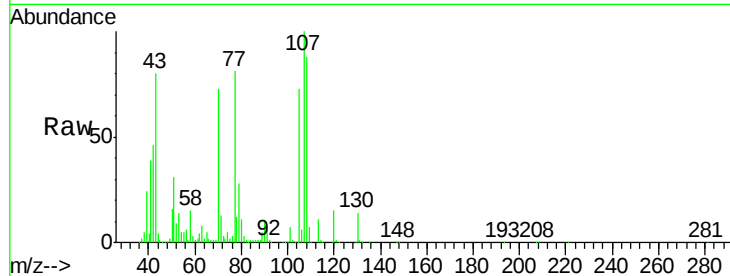
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#18
Hexachloroethane
Concen: 37.42 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	93.6	77.4	116.0		
201	74.7	68.6	103.0		





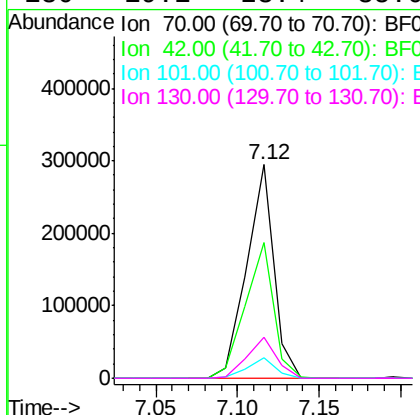
#19
n-Nitroso-di-n-propylamine
Concen: 36.81 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.3	33.3	49.9#		
101	9.5	9.3	13.9		
130	19.1	23.4	35.0#		

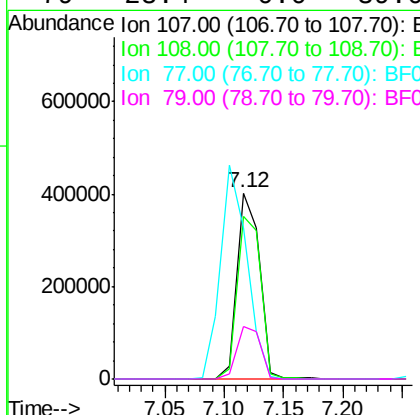
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#20
3+4-Methylphenols
Concen: 40.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.8	74.6	114.6		
77	81.1	0.7	40.7#		
79	28.4	0.0	39.0		





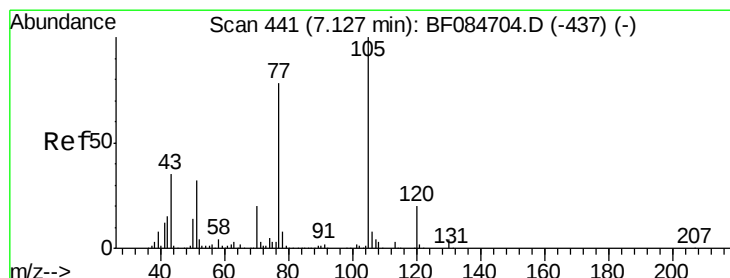
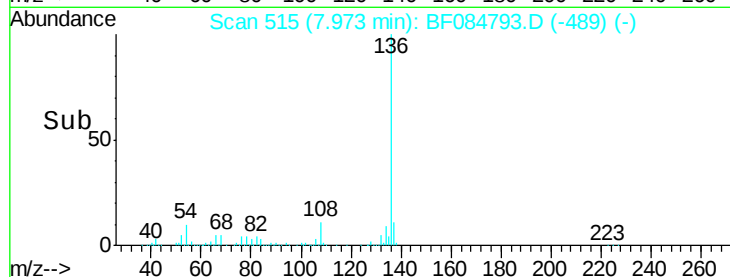
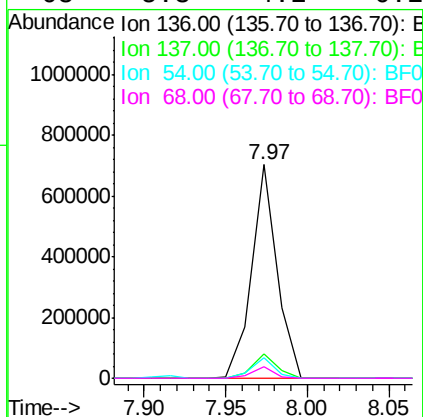
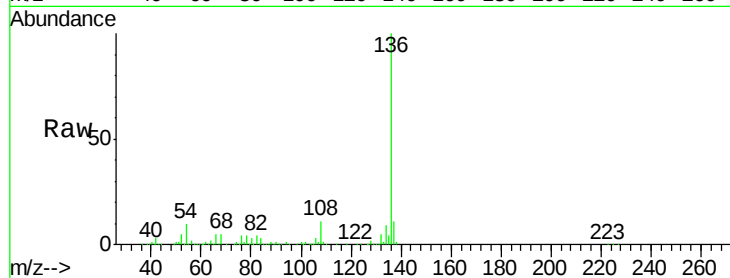
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	761468		
137	11.5	8.7	13.1	
54	9.7	5.8	8.8	
68	5.3	4.2	6.2	

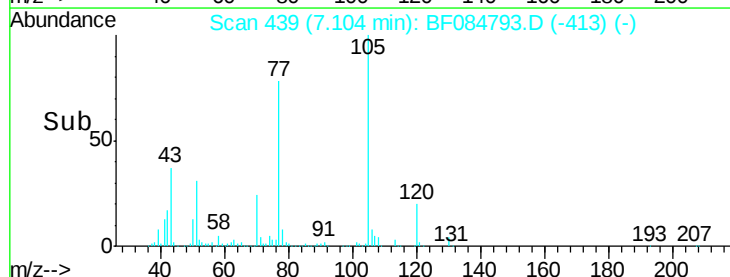
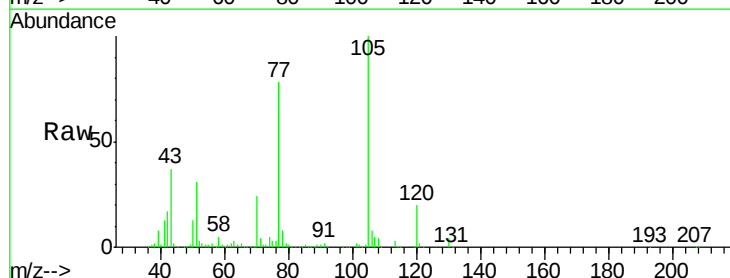
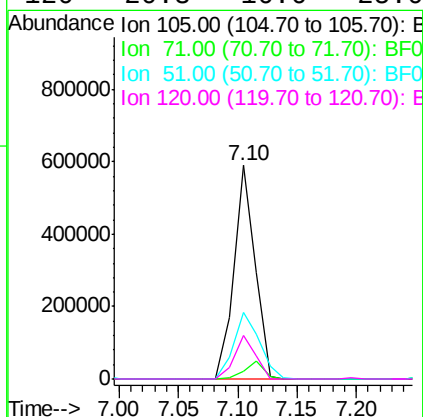
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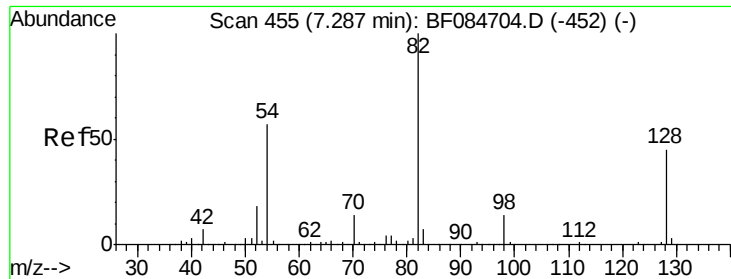
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#22
Acetophenone
Concen: 36.26 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	727787		
71	3.9	3.7	5.5	
51	31.2	25.1	37.7	
120	20.3	16.6	25.0	





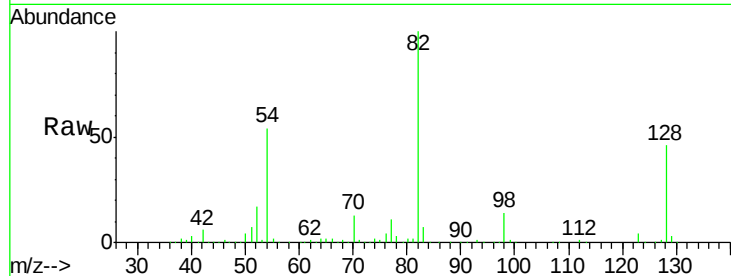
#23
Nitrobenzene-d5
Concen: 83.87 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleID :
PB88148BS

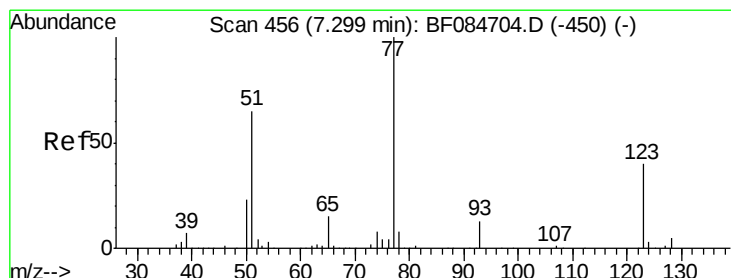
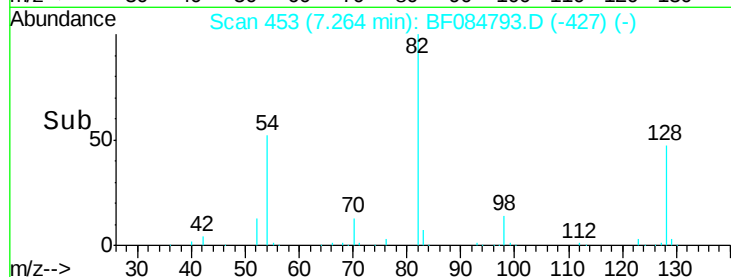
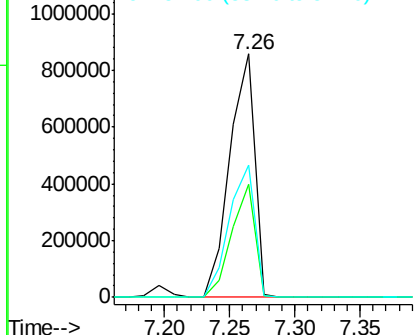
Tot Ion	82	Resp	1133647
Ion Ratio	100	Lower	Upper
128	46.4	34.6	51.8
54	54.1	38.4	57.6

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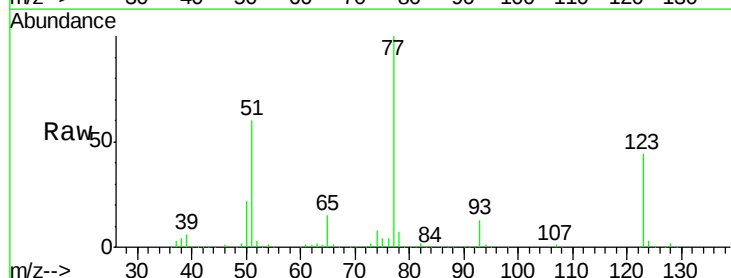


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

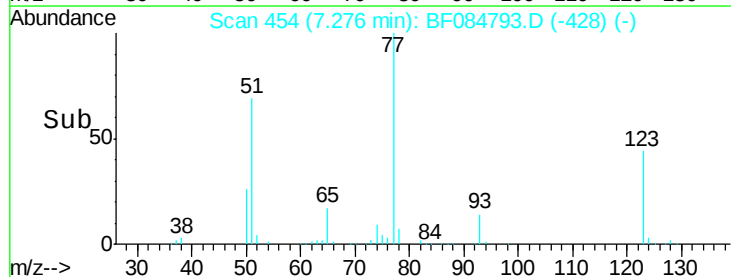
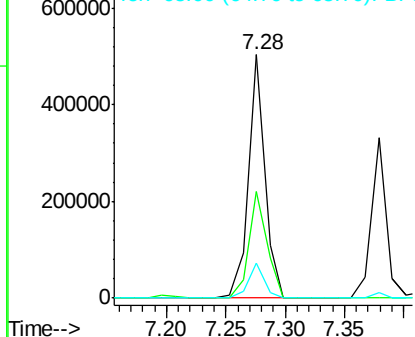


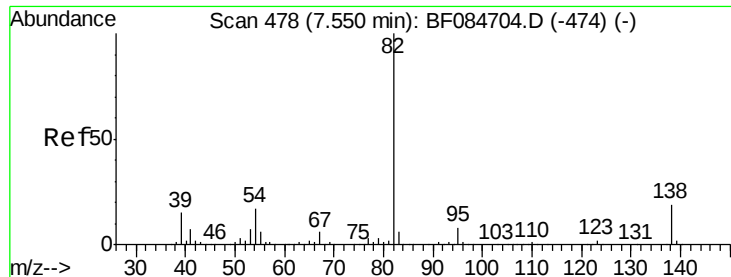
#24
Nitrobenzene
Concen: 33.84 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	77	Resp	489858
Ion Ratio	100	Lower	Upper
123	43.6	37.4	56.2
65	14.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.74 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

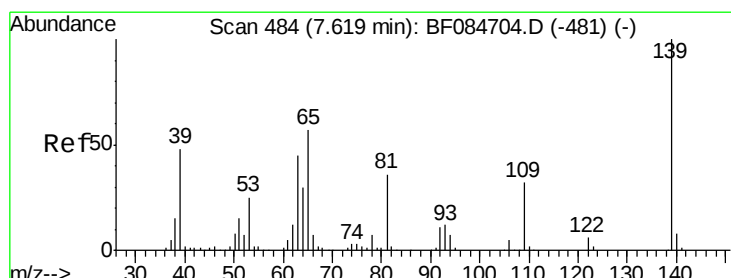
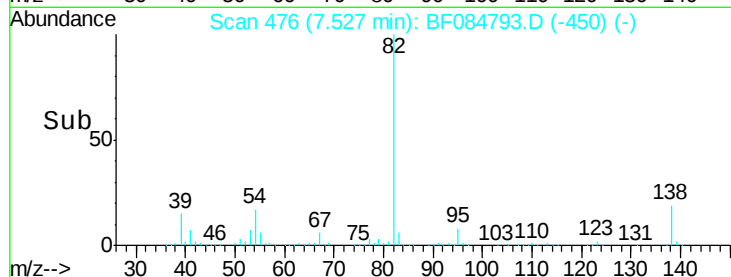
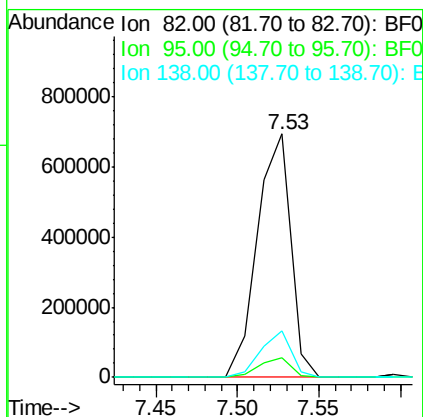
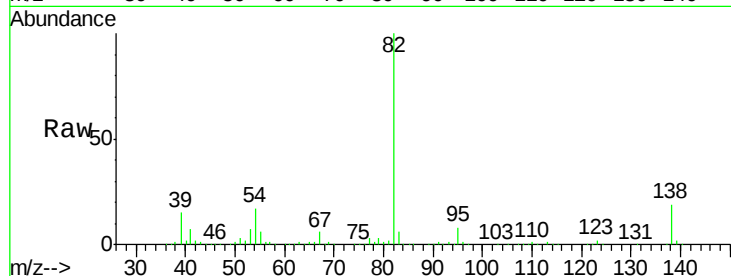
ClientSampleId :

PB88148BS

Tot Ion:	82	Resp:	992086
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.6	10.0
138	19.1	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.17 ng

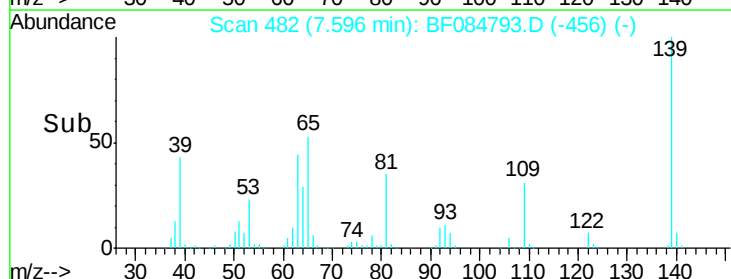
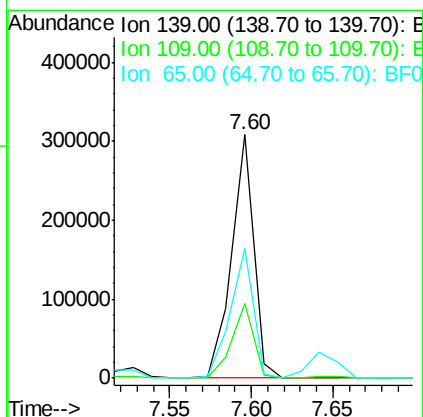
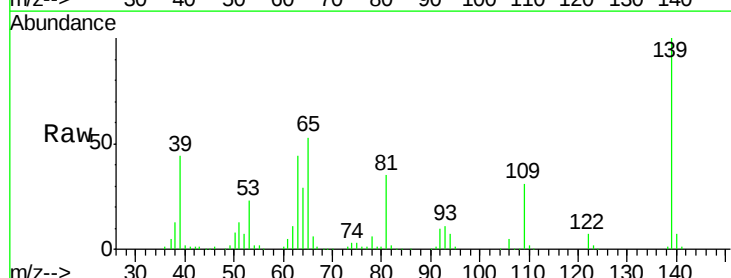
RT: 7.60 min Scan# 482

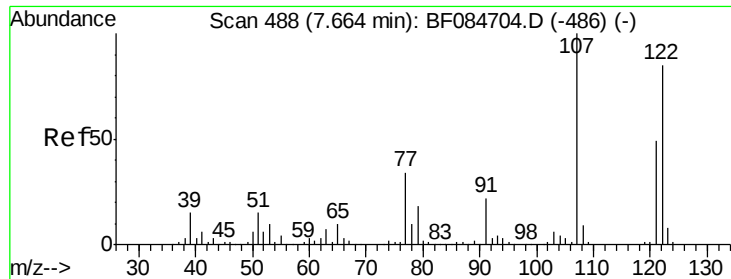
Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	139	Resp:	286762
Ion Ratio	Lower	Upper	
139	100		
109	30.9	25.4	38.2
65	53.2	32.3	48.5#





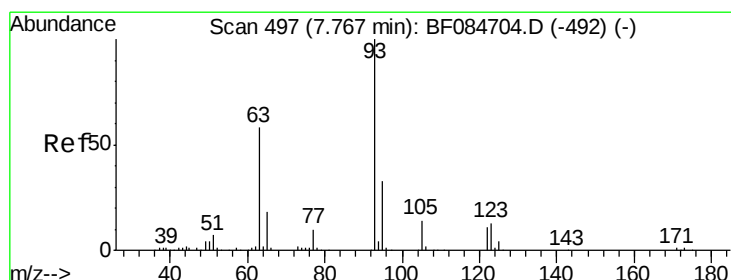
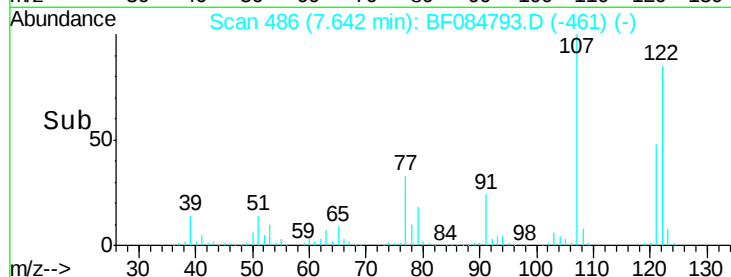
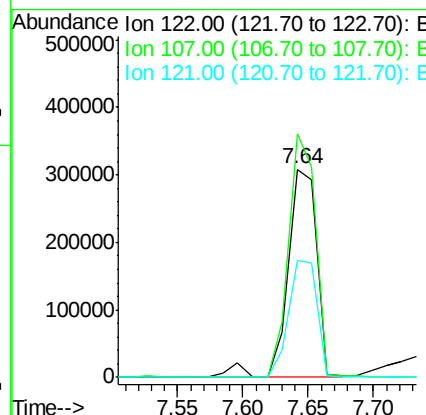
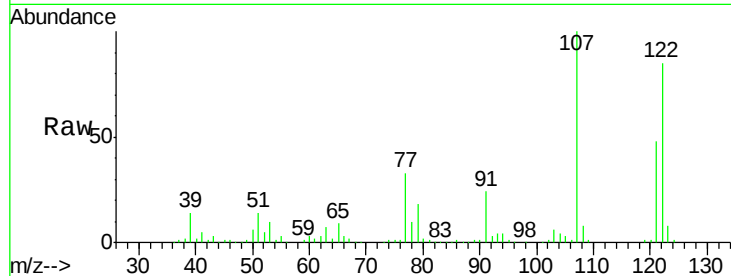
#27
2,4-Dimethylphenol
Concen: 38.79 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	481674		
107	117.1	99.1	148.7	
121	56.4	47.9	71.9	

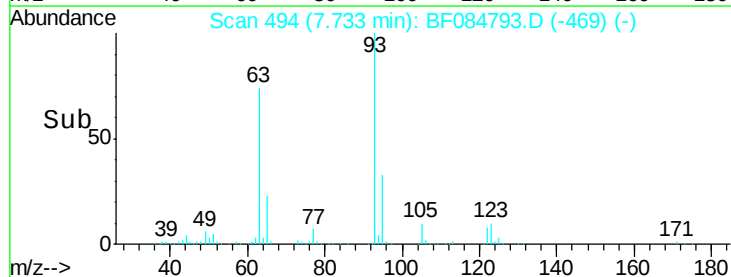
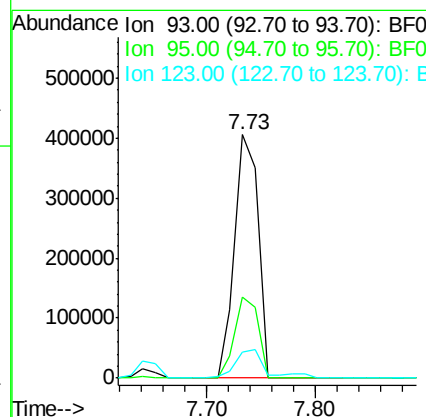
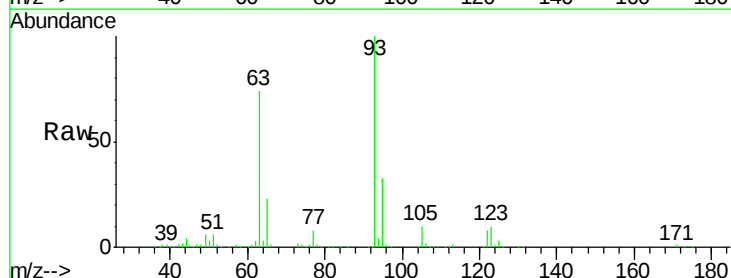
Manual Integrations
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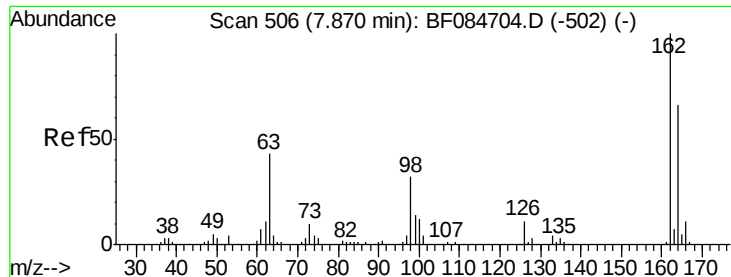
mohammad
2/4/2016 2:04:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.49 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	600233		
95	33.2	25.8	38.6	
123	10.5	8.6	12.8	





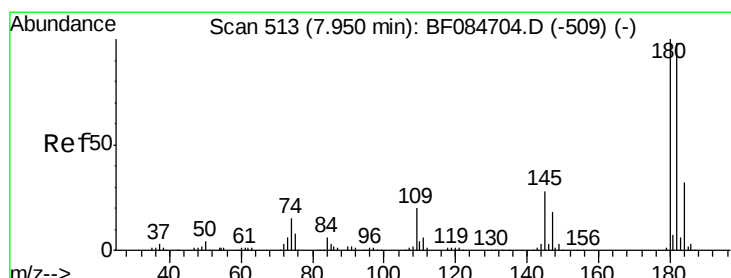
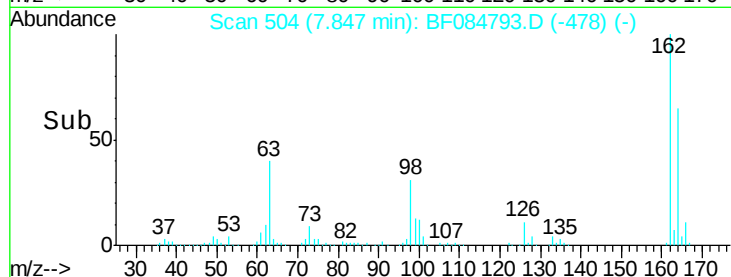
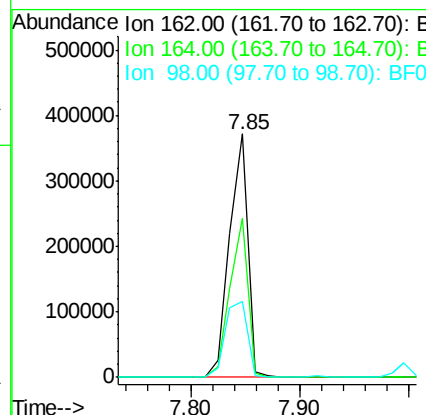
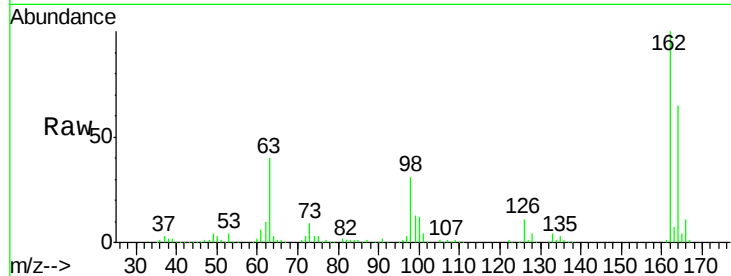
#29
 2,4-Dichlorophenol
 Concen: 40.68 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.1	84.1
98	31.3	20.2	60.2

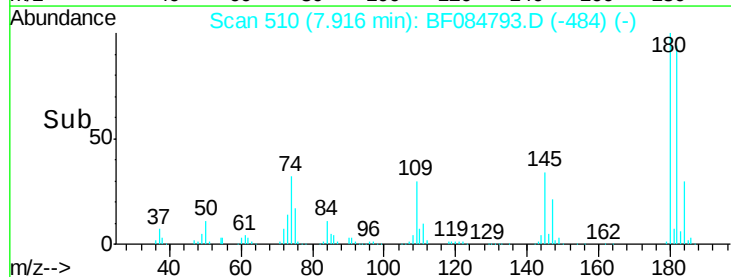
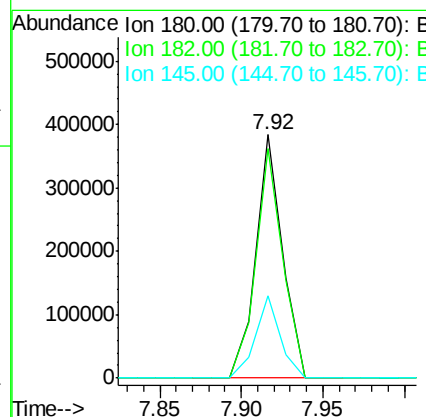
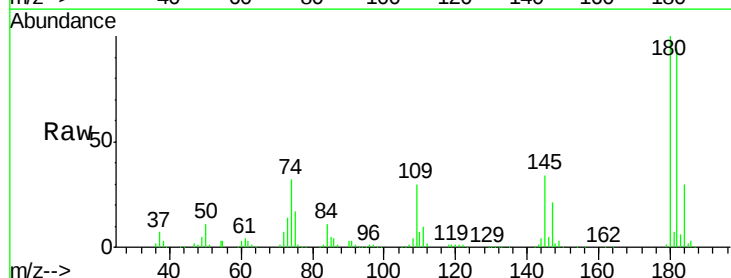
Manual Integrations
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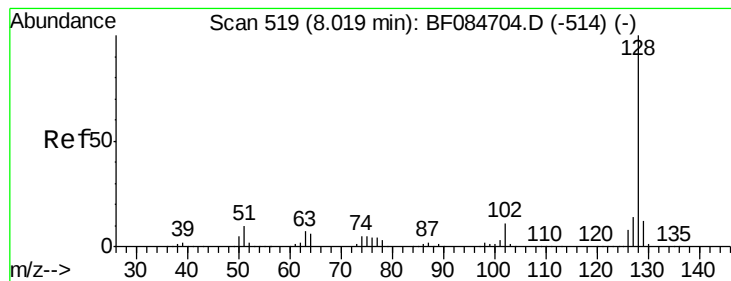
mohammad
 2/4/2016 2:04:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.19 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	76.4	114.6
145	33.9	31.6	47.4





#31

Naphthalene

Concen: 36.36 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

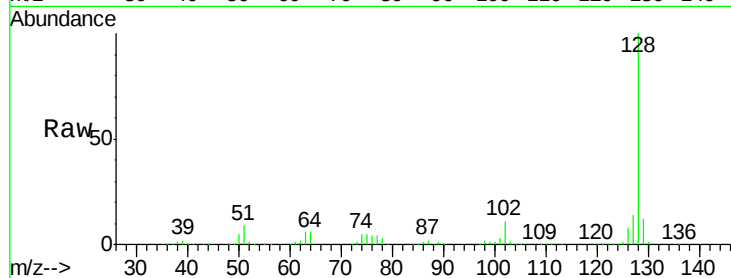
ClientSampleId :

PB88148BS

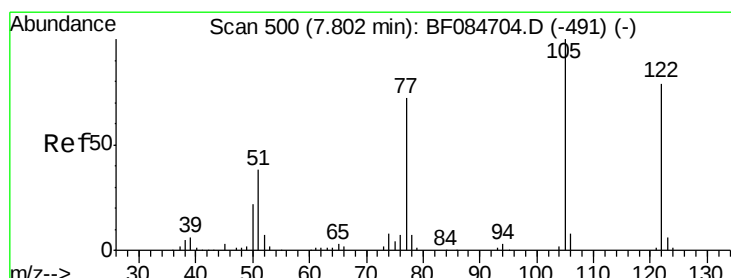
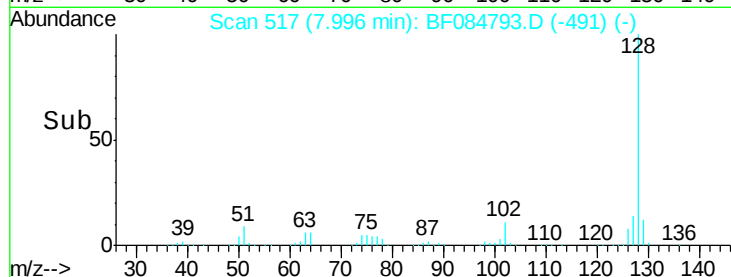
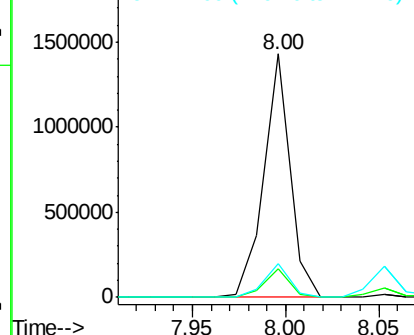
Tot Ion:	128	Resp:	1388943
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.9	11.1	16.7

Manual Integrations
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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: 36.45 ng

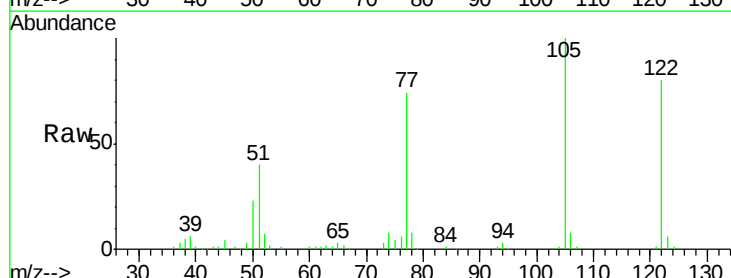
RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

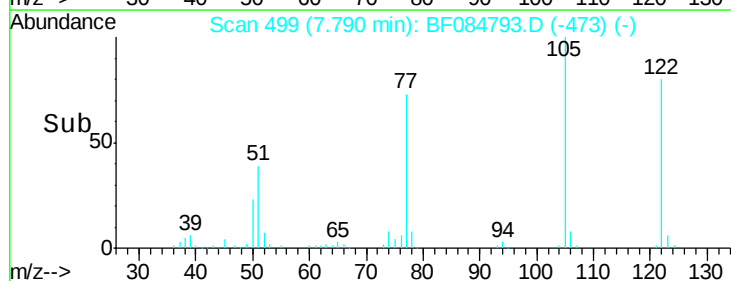
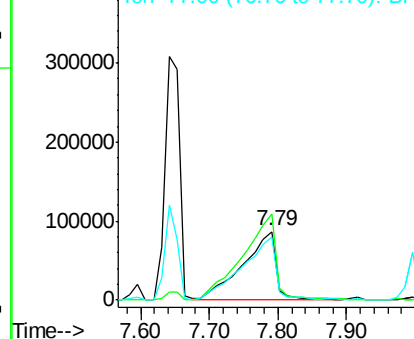
Lab File: BF084793.D

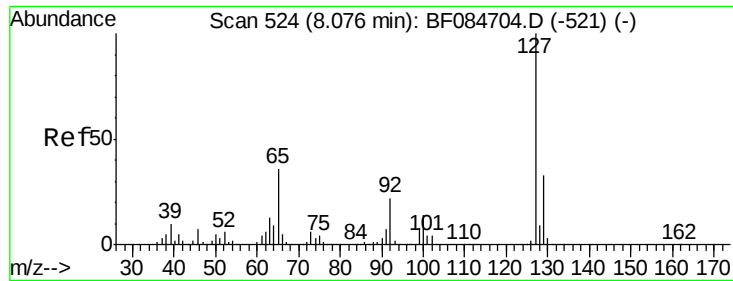
Acq: 3 Feb 2016 19:14

Tgt Ion:	122	Resp:	289514
Ion	Ratio	Lower	Upper
122	100		
105	125.0	100.3	140.3
77	92.3	63.5	103.5



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





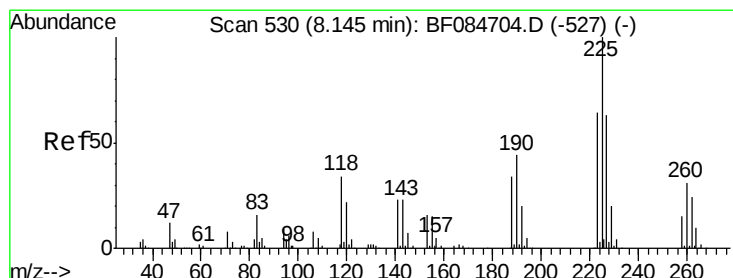
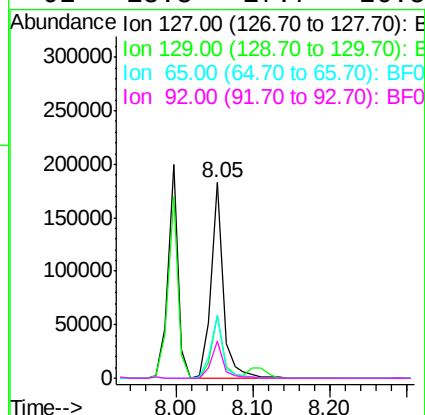
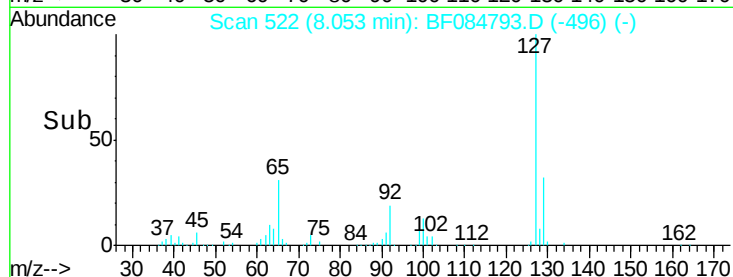
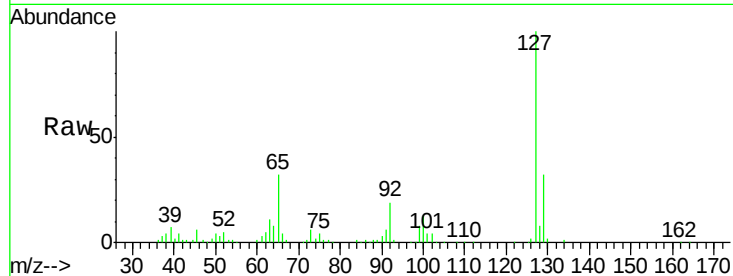
#33
4-Chloroaniline
Concen: 12.82 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.5	39.7		
65	31.9	27.2	40.8		
92	18.8	17.7	26.5		

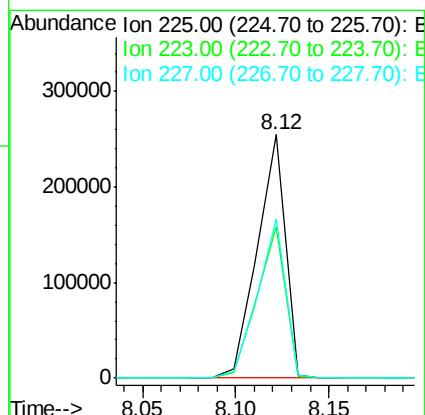
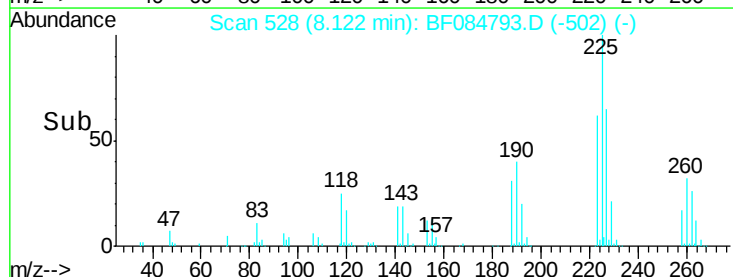
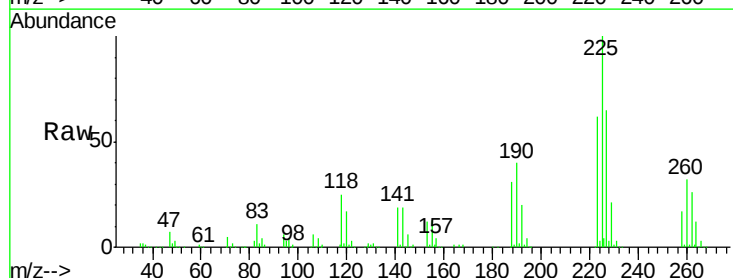
Manual Integrations
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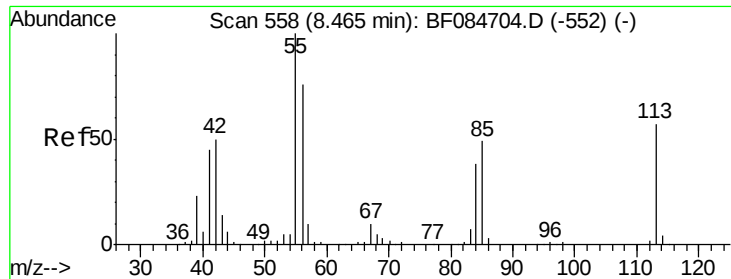
mohammad
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#34
Hexachlorobutadiene
Concen: 38.33 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.4	74.0		
227	65.2	50.8	76.2		





#35

Caprolactam

Concen: 40.54 ng/ml

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleID :

PB88148BS

Tot Ion: 113 Resp: 132752

Ion Ratio Lower Upper

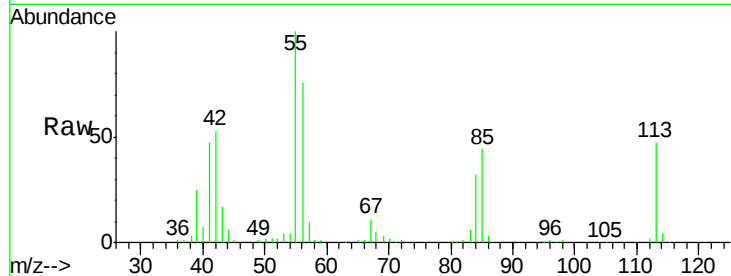
113 100

55 213.6 116.9 156.9#

56 163.0 93.8 133.8#

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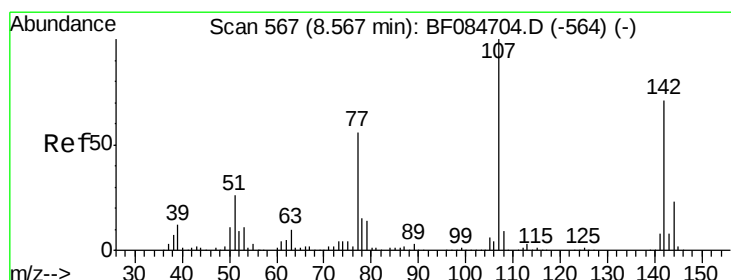
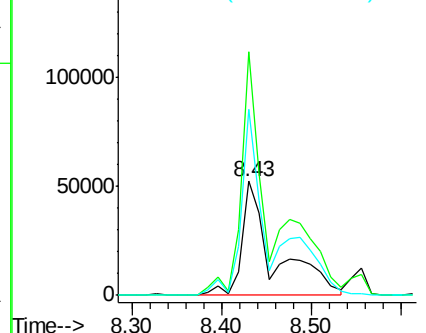
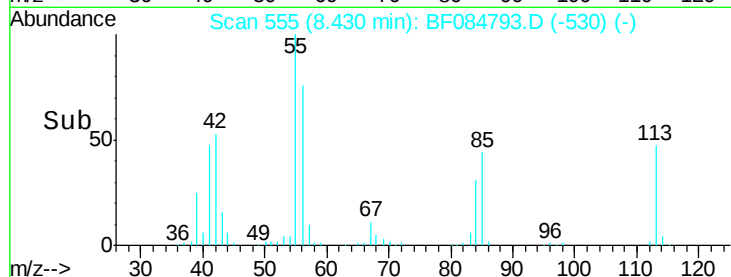
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.55 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

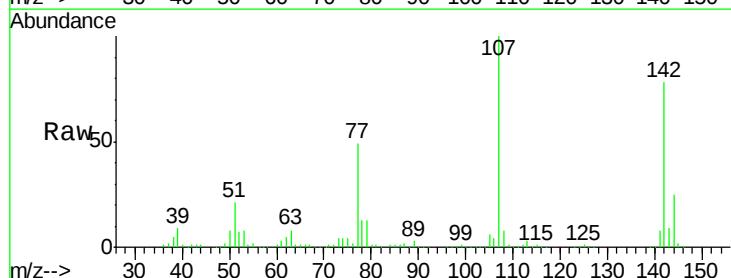
Tgt Ion: 107 Resp: 491517

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

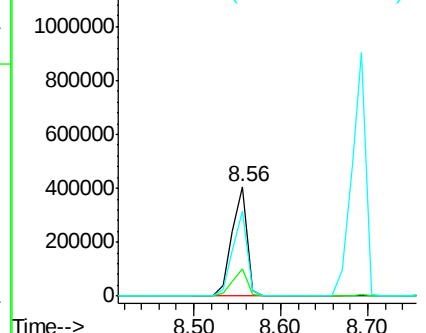
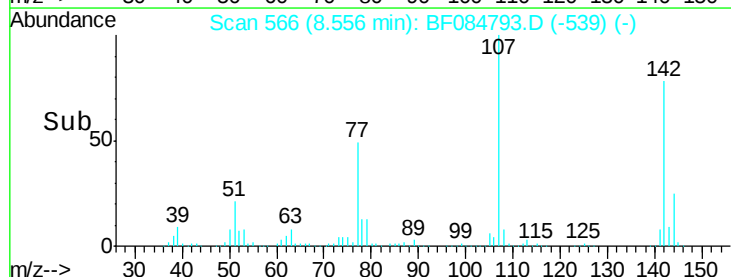
142 77.7 61.8 92.6

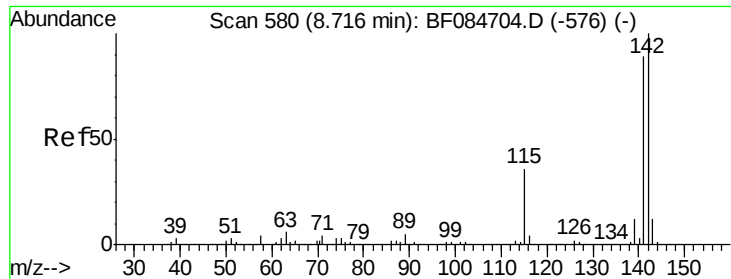


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





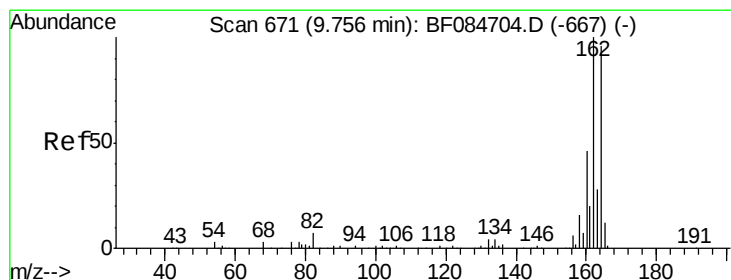
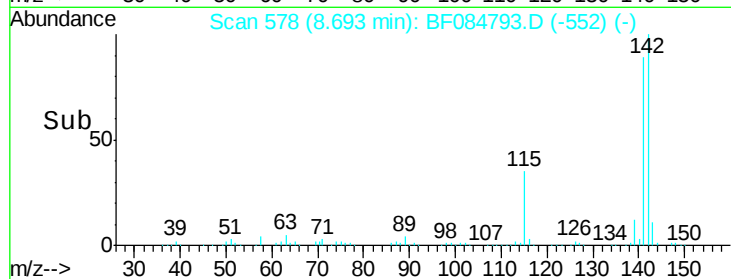
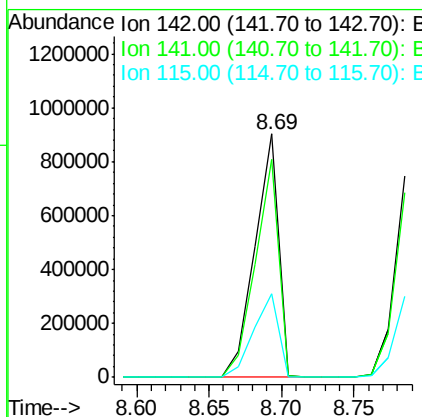
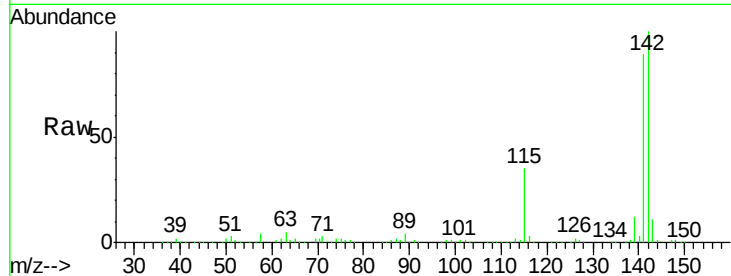
#37
2-Methylnaphthalene
Concen: 42.90 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.4	108.6
115	34.5	27.9	41.9

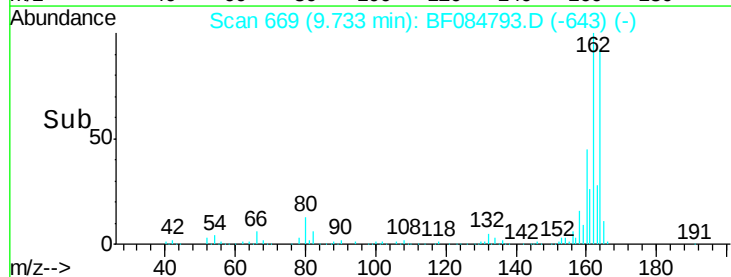
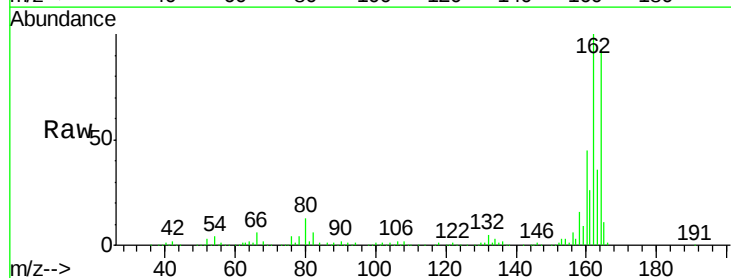
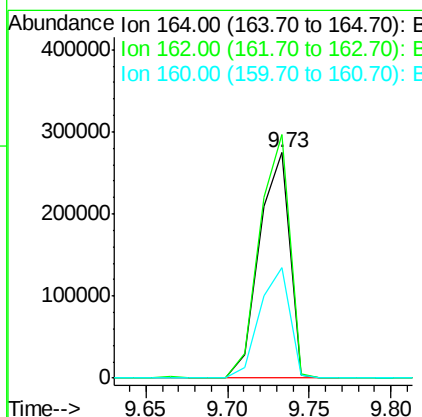
Manual Integrations
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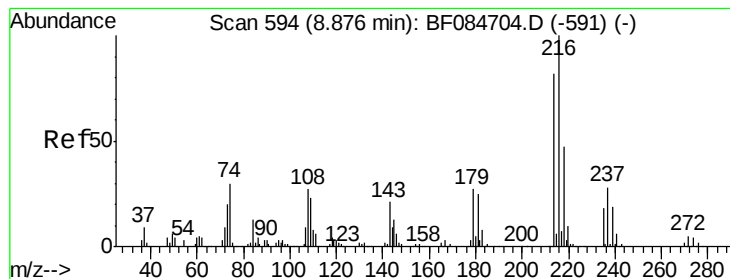
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.1	127.7
160	48.7	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.11 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

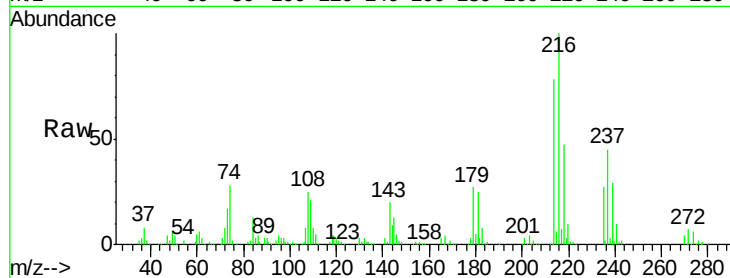
ClientSampleId :

PB88148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		383372		
214	77.9		64.2	96.2	
179	23.5		18.7	28.1	
108	22.8		16.8	25.2	

Manual Integrations
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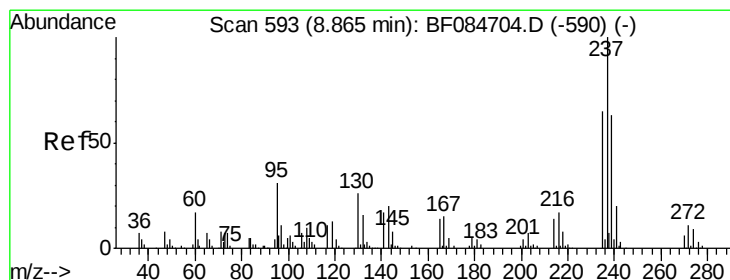
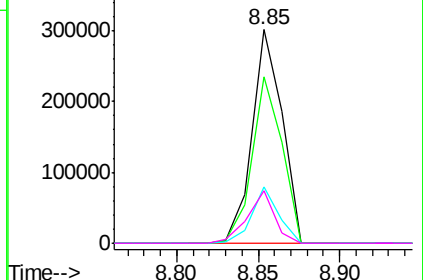
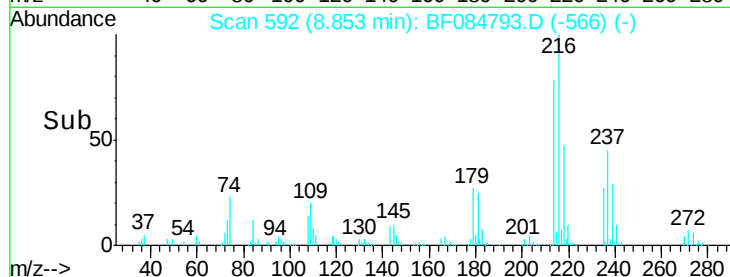


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.64 ng

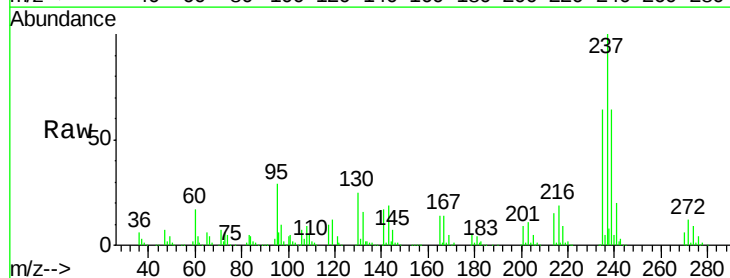
RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

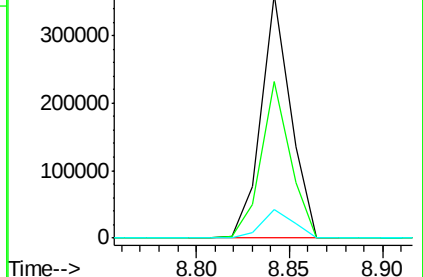
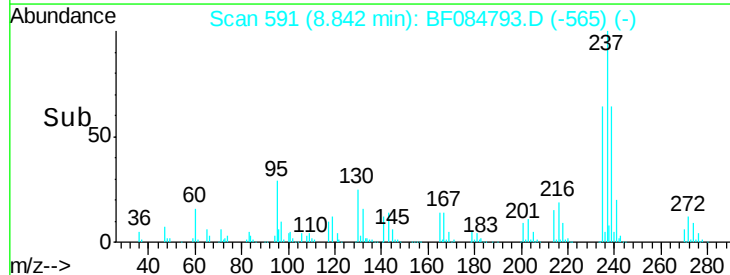
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		394431		
235	64.2		43.1	83.1	
272	12.0		0.0	35.1	



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





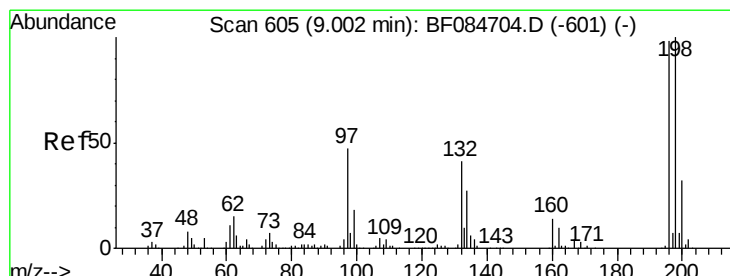
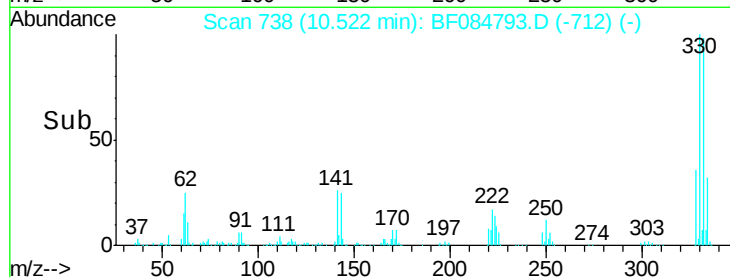
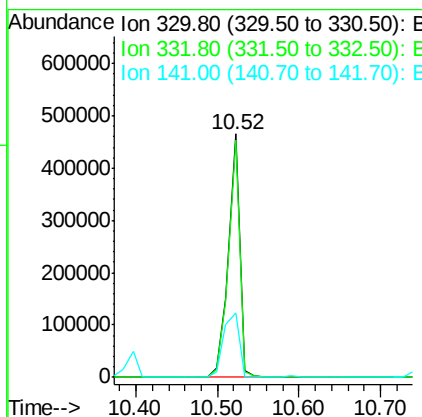
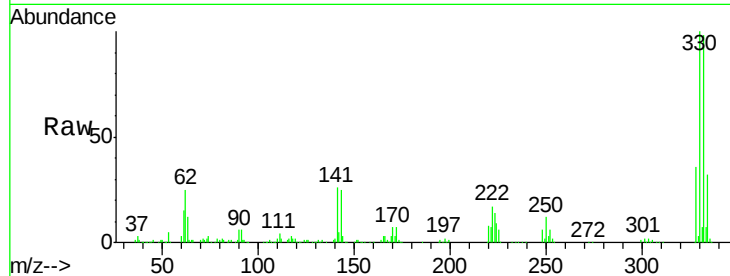
#41
 2,4,6-Tribromophenol
 Concen: 121.67 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	449153		
332	97.2	76.6	114.8	
141	36.7	27.8	41.6	

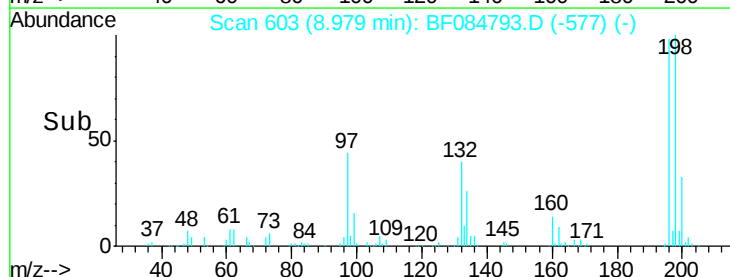
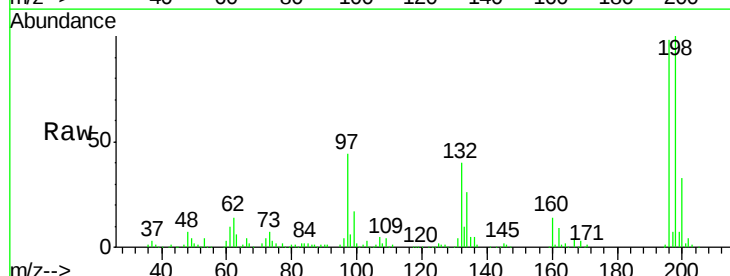
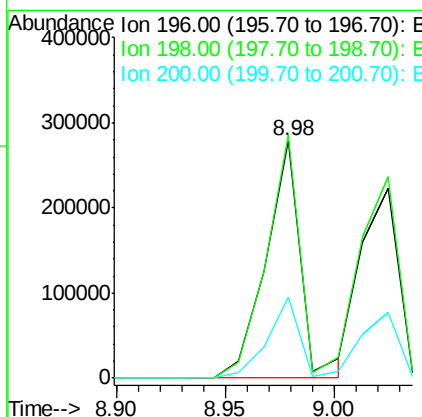
Manual Integrations
 APPROVED

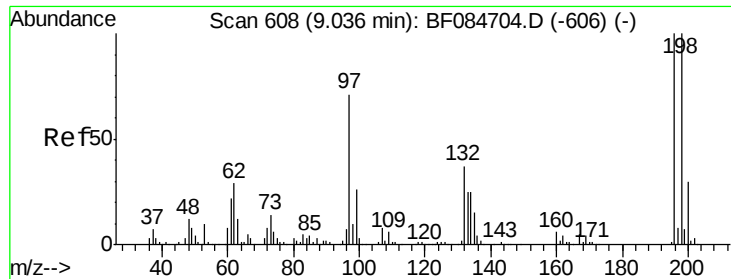
mohammad
 2/4/2016 2:04:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.04 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	311631		
198	102.4	77.7	116.5	
200	34.3	24.6	37.0	





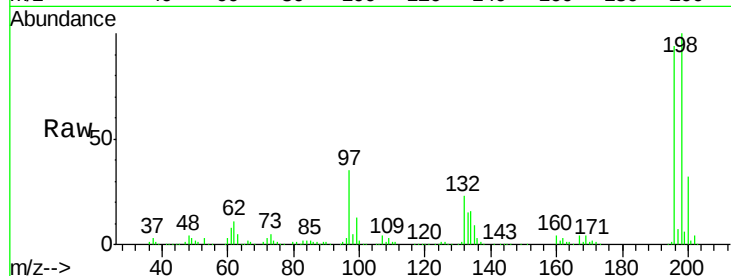
#43
 2,4,5-Trichlorophenol
 Concen: 36.82 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	196	Resp	270918
Ion Ratio	Lower	Upper	
196	100		
198	106.2	79.0	118.6
97	36.7	33.0	49.6
132	24.1	21.1	31.7

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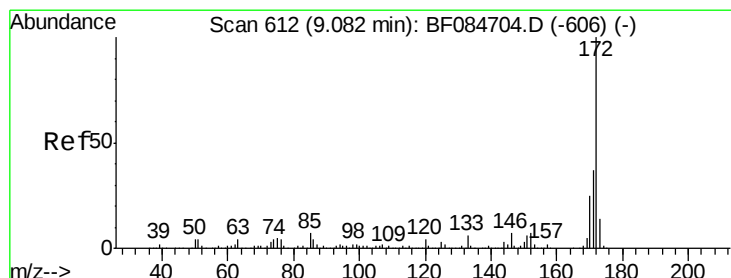
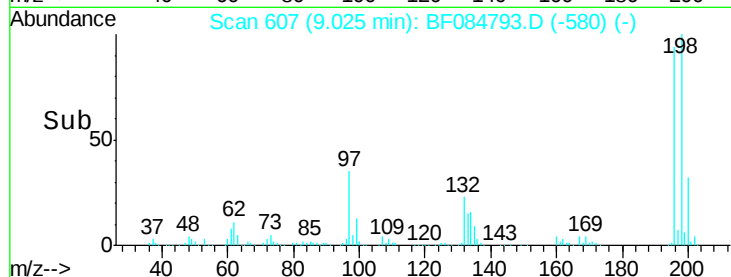
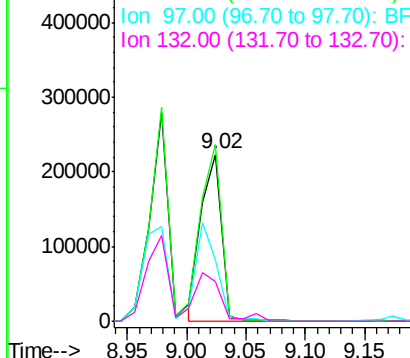
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.64 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

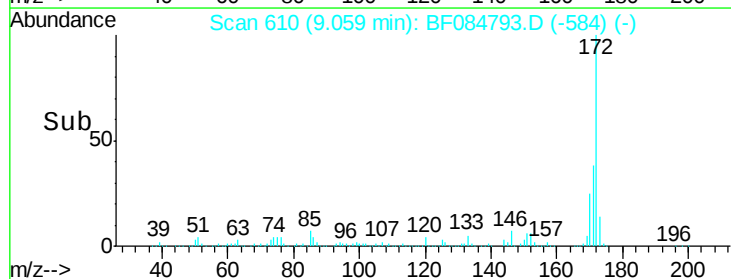
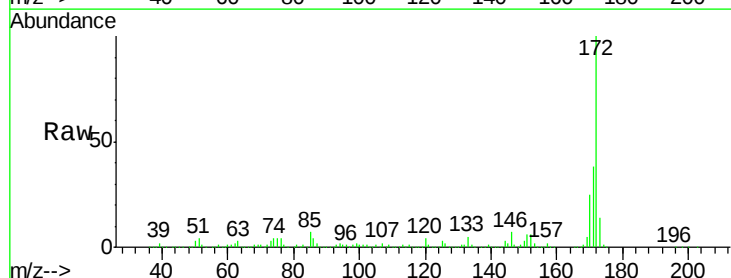
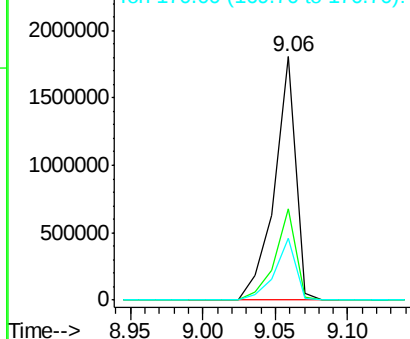
Tgt Ion	172	Resp	1836078
Ion Ratio	Lower	Upper	
172	100		
171	37.7	28.9	43.3
170	25.5	18.6	27.8

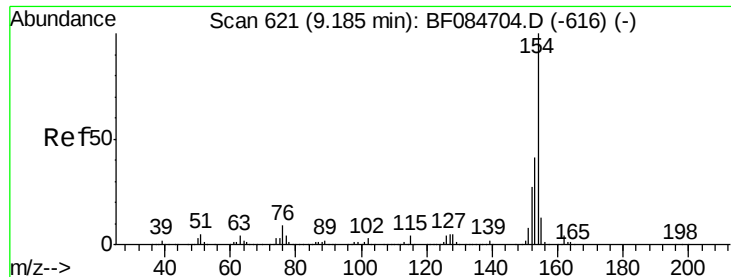
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.32 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tot Ion:154 Resp: 1148091

Ion Ratio Lower Upper

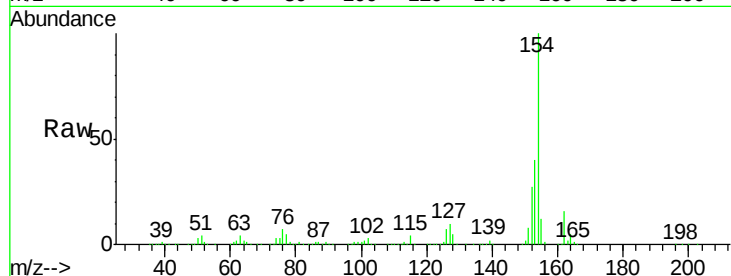
154 100

153 40.4 21.6 61.6

76 7.1 0.0 32.7

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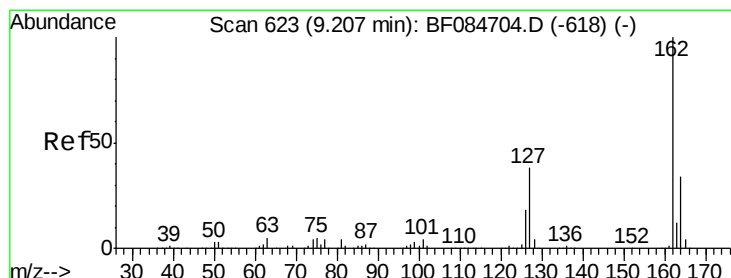
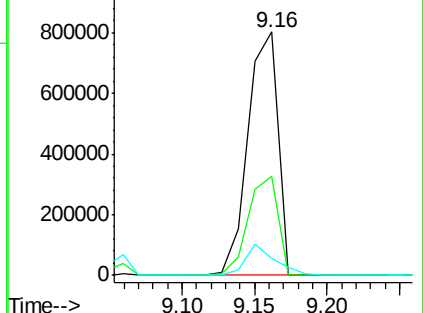
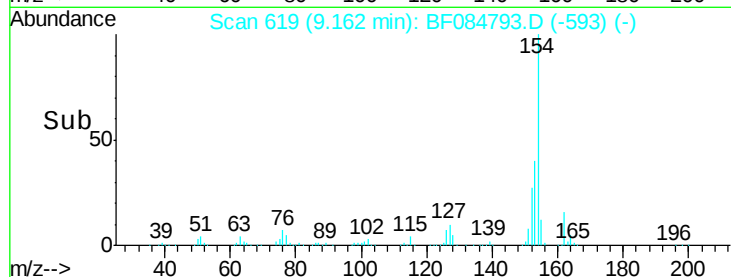
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.40 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

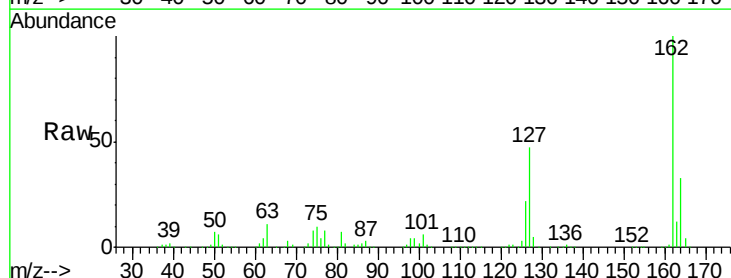
Tgt Ion:162 Resp: 847244

Ion Ratio Lower Upper

162 100

127 46.9 40.2 60.4

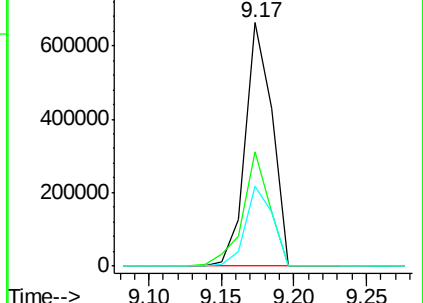
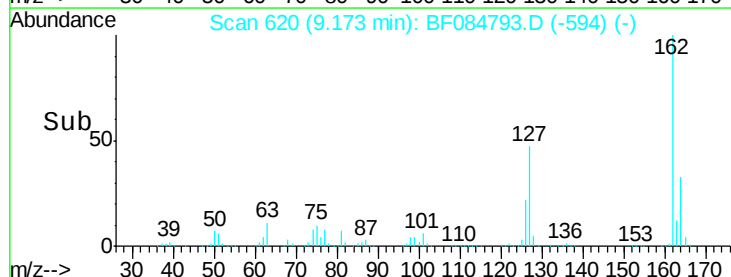
164 32.9 25.7 38.5

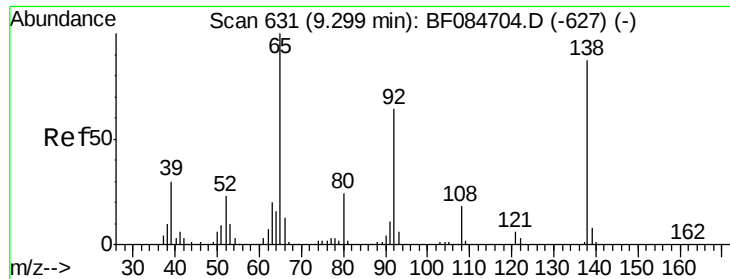


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





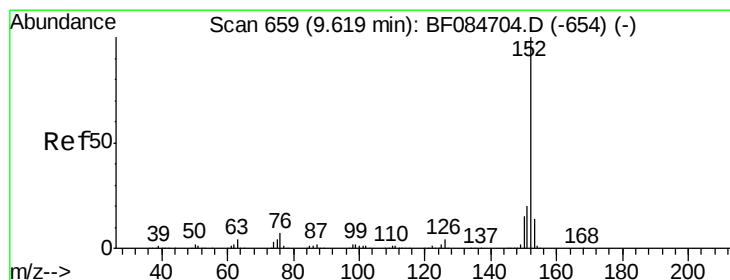
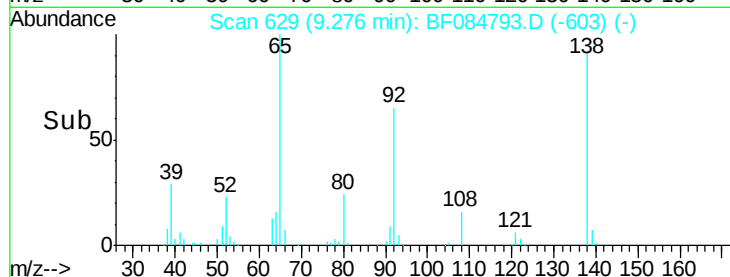
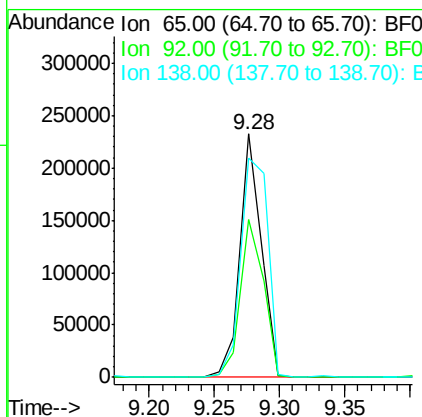
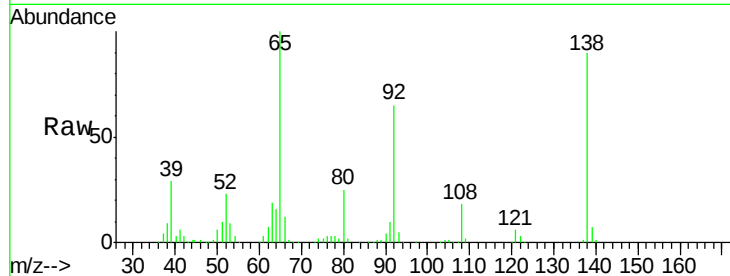
#47
2-Nitroaniline
Concen: 35.88 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.4	80.2
138	90.0	71.1	106.7

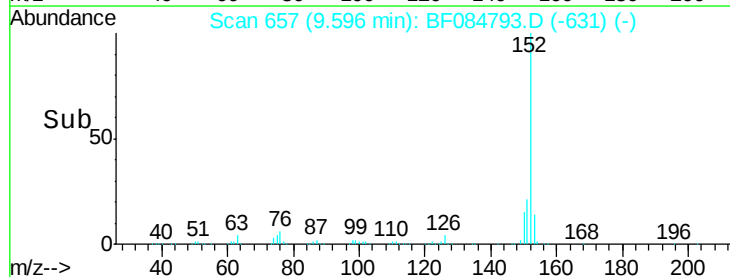
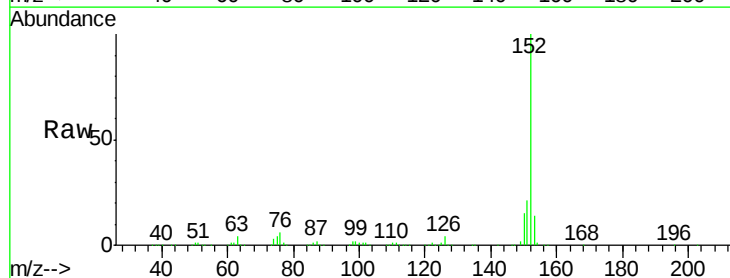
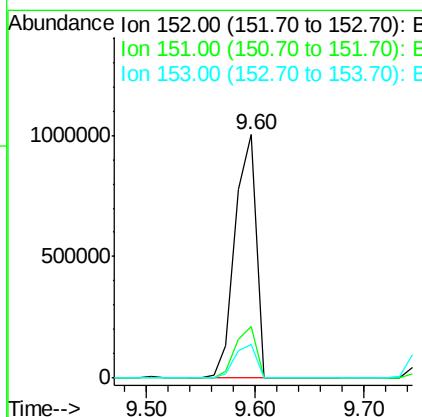
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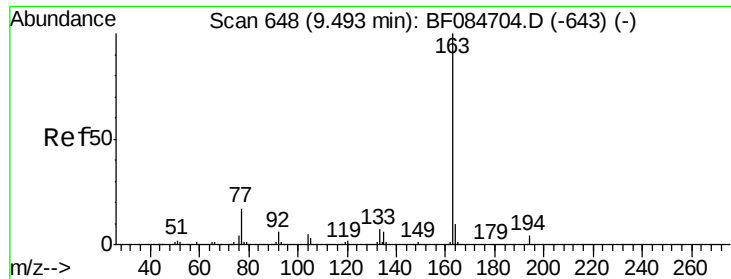
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#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.0	10.4	15.6





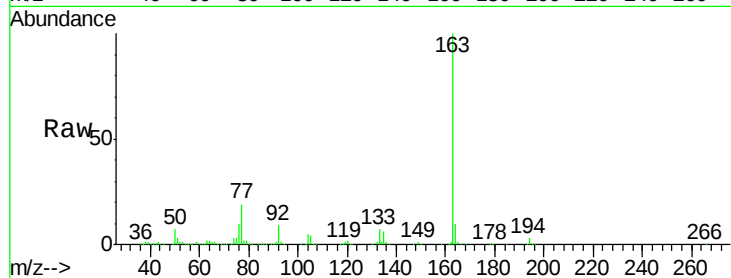
#49
Dimethylphthalate
Concen: 40.35 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

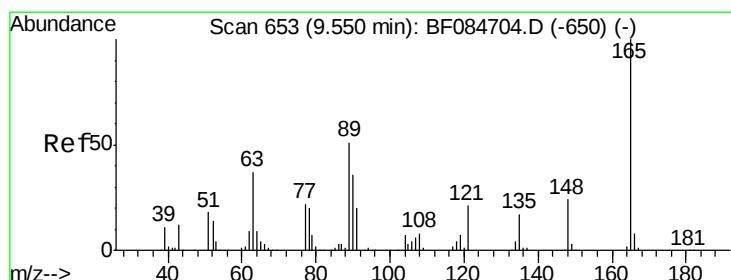
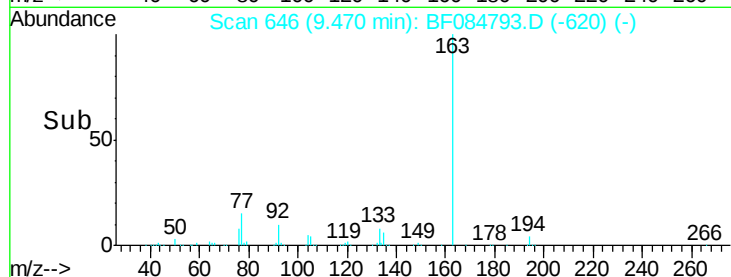
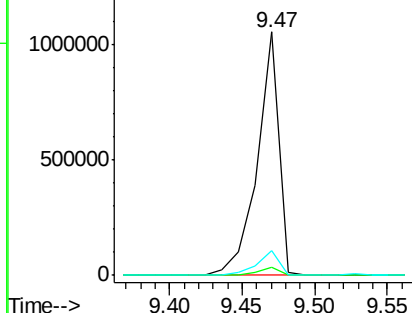
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	10.3	8.0	12.0

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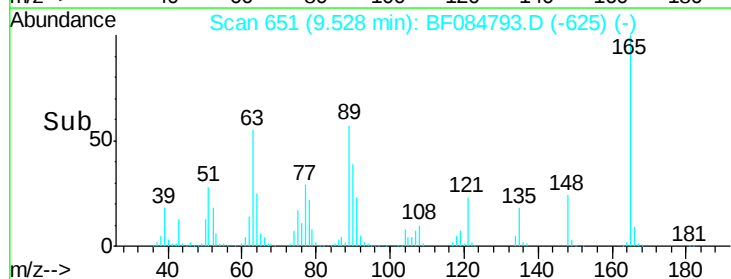
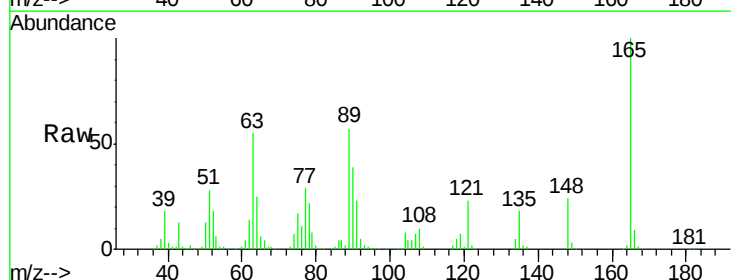
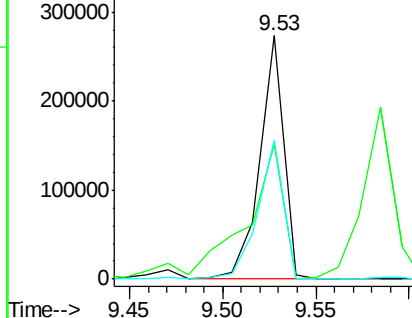
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

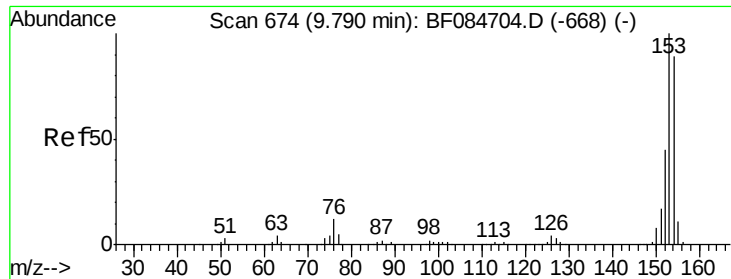


#50
2,6-Dinitrotoluene
Concen: 40.95 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	28.8	43.2#
89	57.0	35.1	52.7#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.98 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

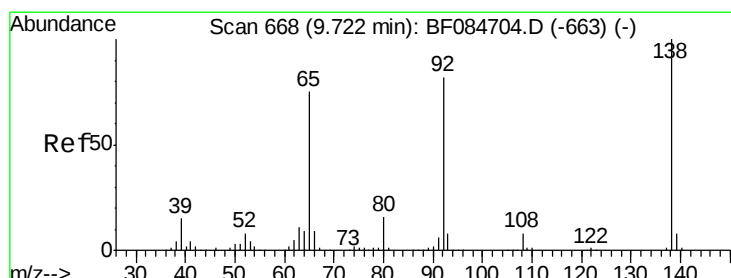
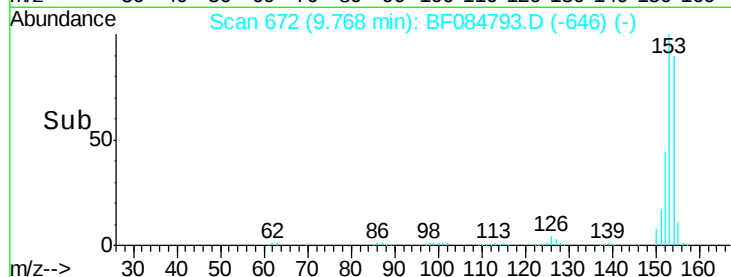
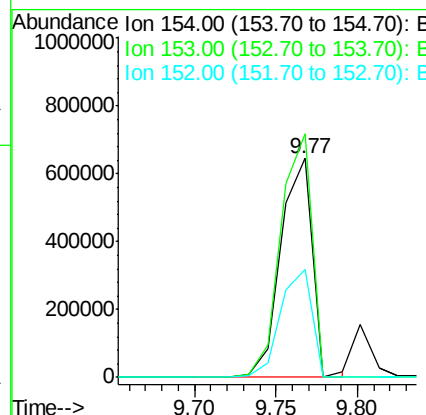
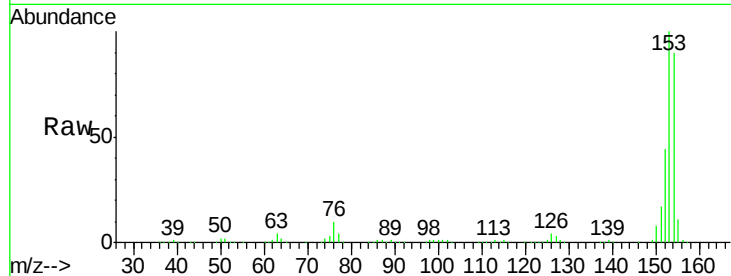
ClientSampleId :

PB88148BS

Tot Ion:	154	Resp:	872971
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.5	137.3
152	49.4	43.0	64.6

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#52

3-Nitroaniline

Concen: 19.42 ng

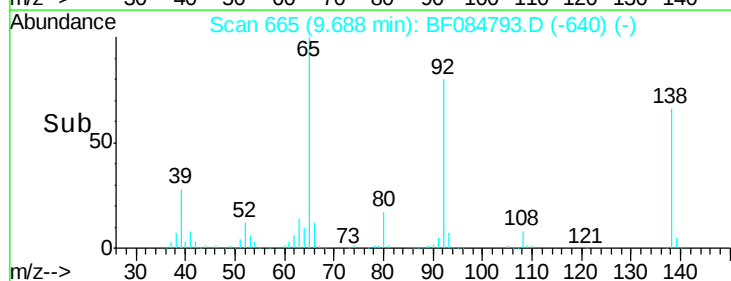
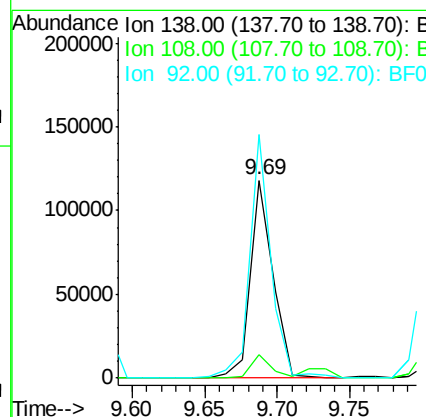
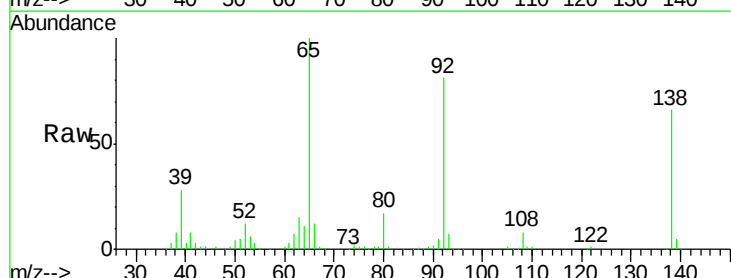
RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	138	Resp:	128526
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	123.0	103.9	155.9





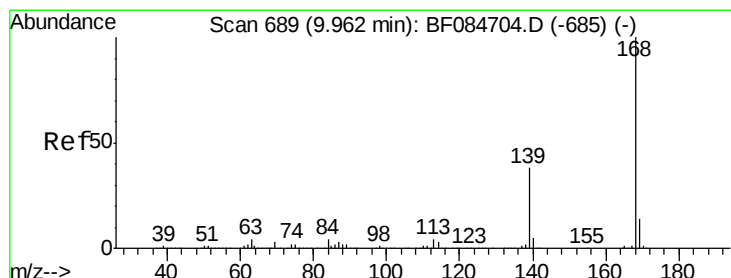
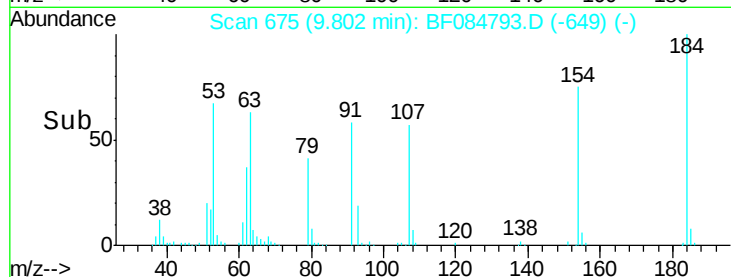
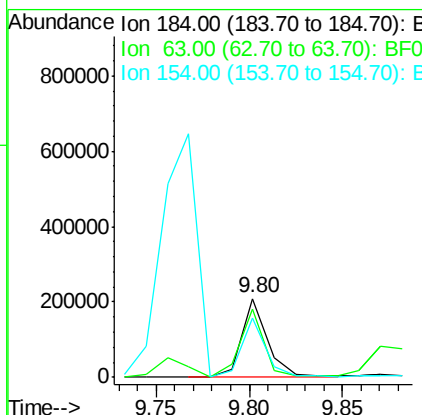
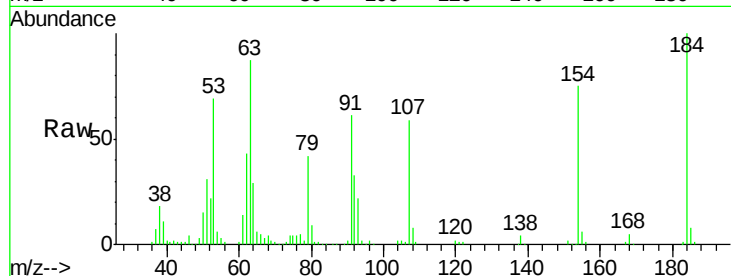
#53
 2,4-Dinitrophenol
 Concen: 74.98 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	202718		
63	87.1	43.1	64.7#	
154	74.9	60.5	90.7	

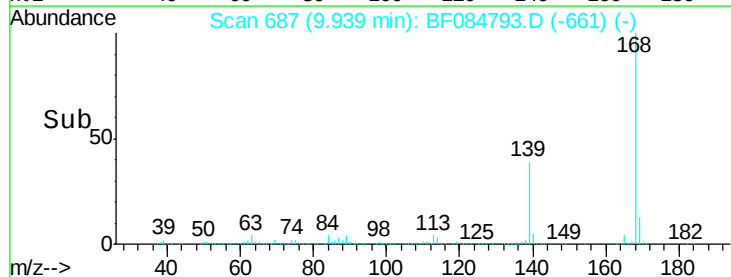
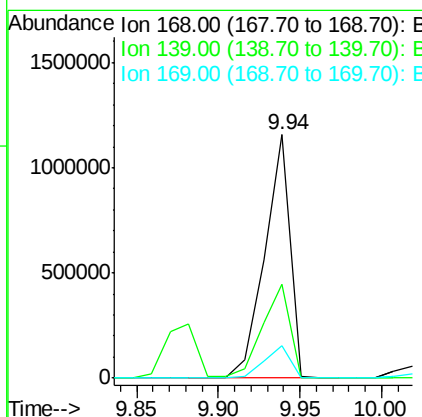
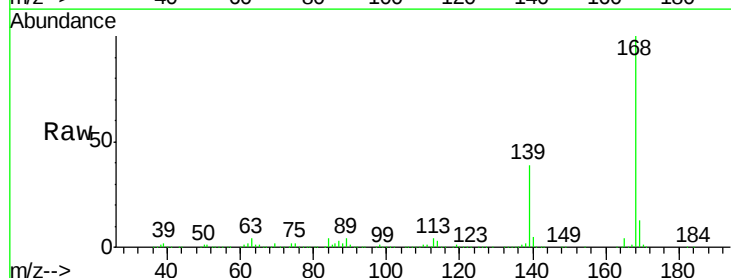
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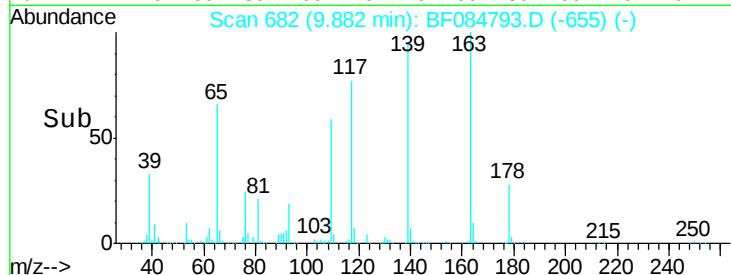
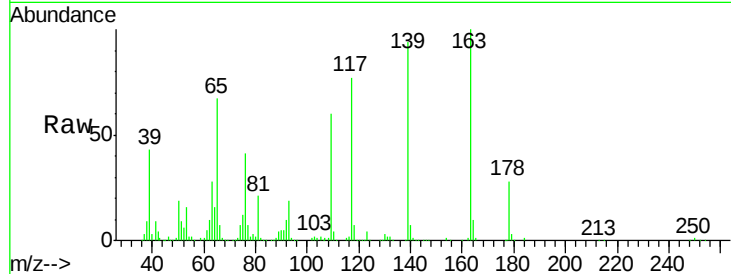
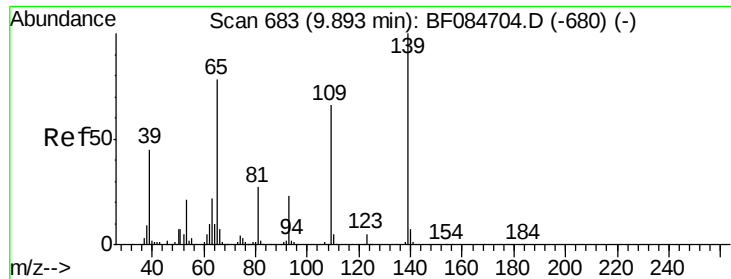
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#54
 Dibenzofuran
 Concen: 44.46 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1248908		
139	38.6	30.5	45.7	
169	13.4	10.4	15.6	





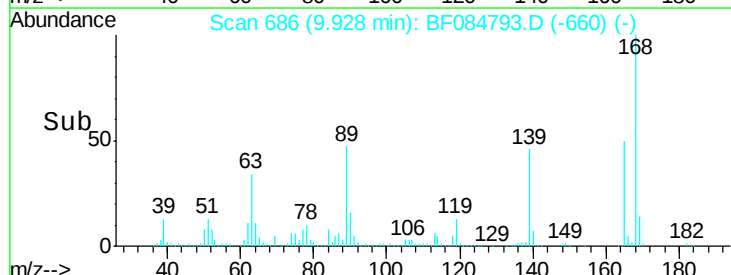
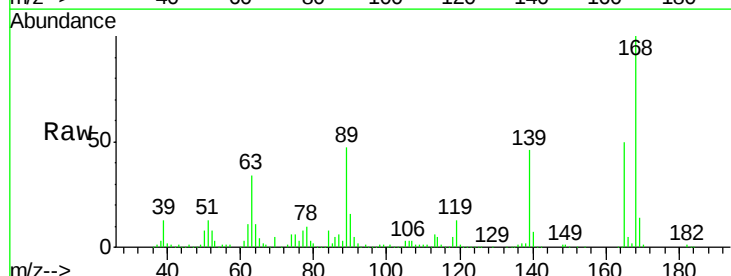
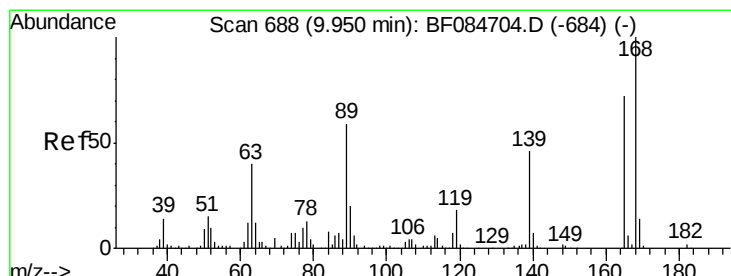
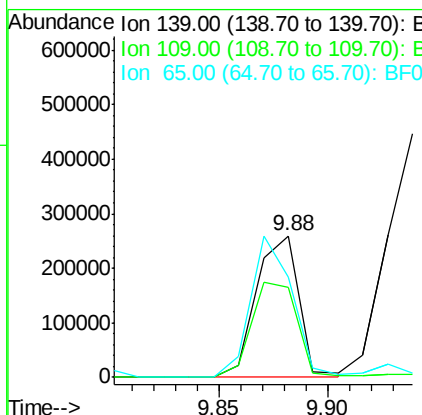
#55
4-Nitrophenol
Concen: 73.13 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tot Ion	Ratio	Resp	Lower	Upper
139	100	355631		
109	63.4	58.5	98.5	
65	71.3	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
PB88148BS

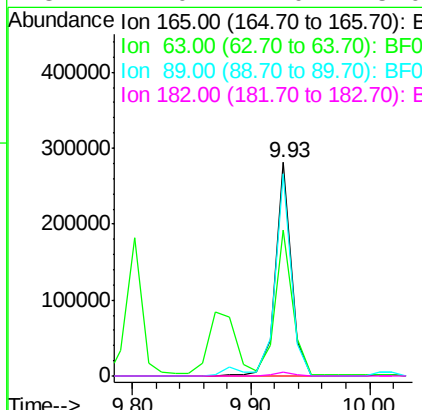
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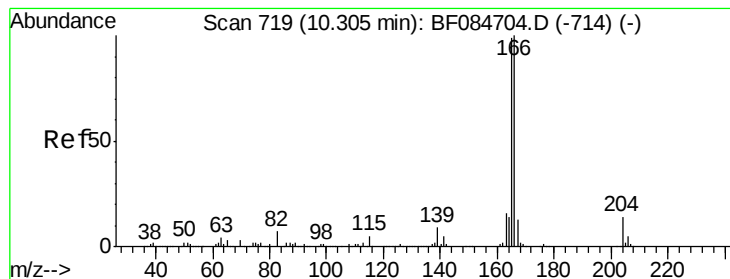
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#56
2,4-Dinitrotoluene
Concen: 35.10 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	263594		
63	68.5	36.7	55.1#	
89	94.7	61.9	92.9#	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 38.33 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

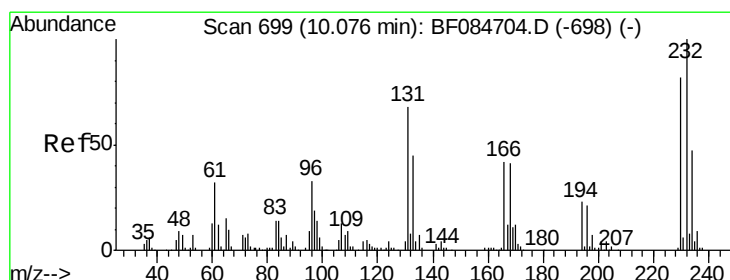
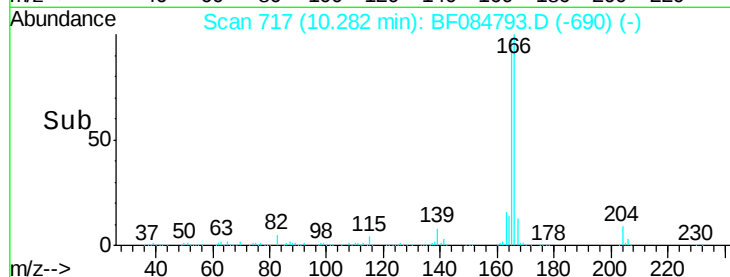
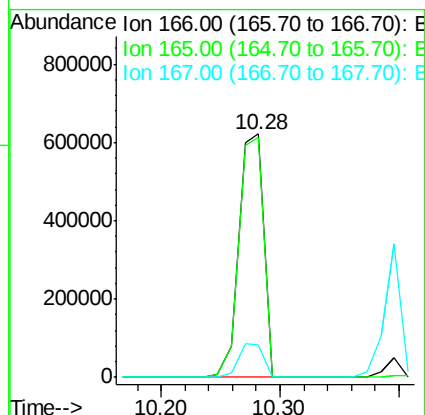
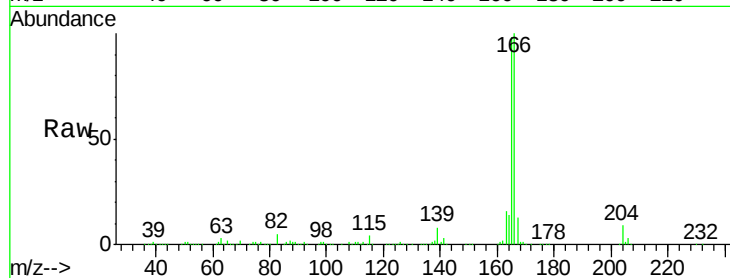
ClientSampleId :

PB88148BS

Tot Ion:	166	Resp:	899169
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.1	118.7
167	13.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.73 ng

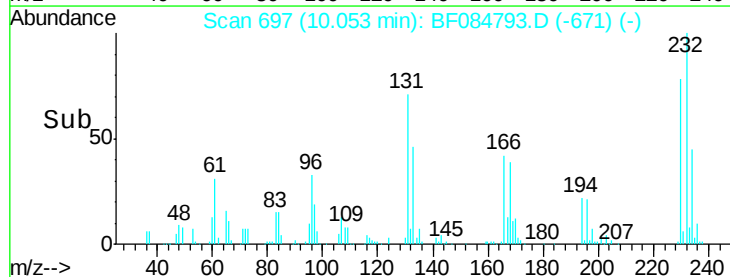
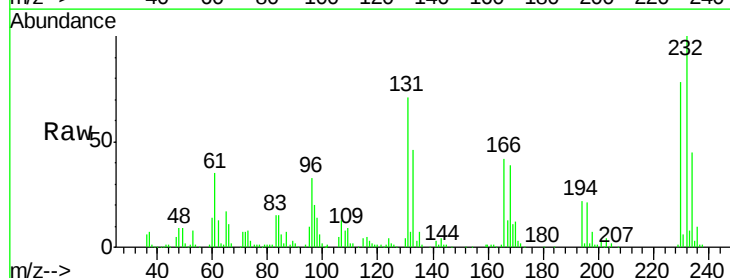
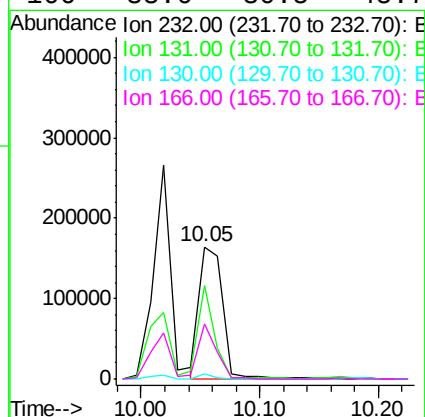
RT: 10.05 min Scan# 697

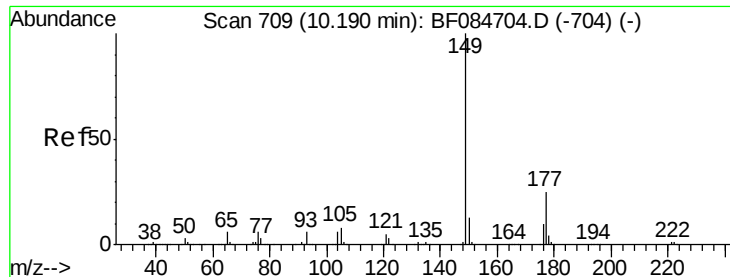
Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	232	Resp:	228133
Ion Ratio	Lower	Upper	
232	100		
131	51.1	47.0	70.6
130	2.4	2.0	3.0
166	33.6	30.5	45.7





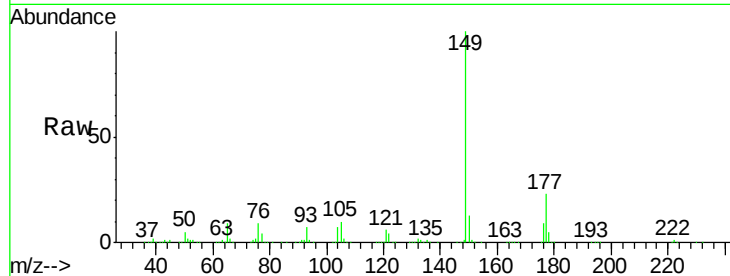
#59
Diethylphthalate
Concen: 39.86 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

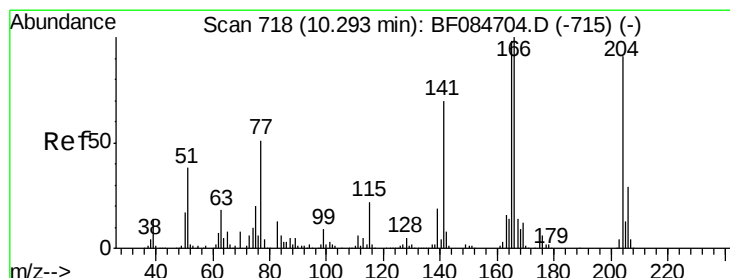
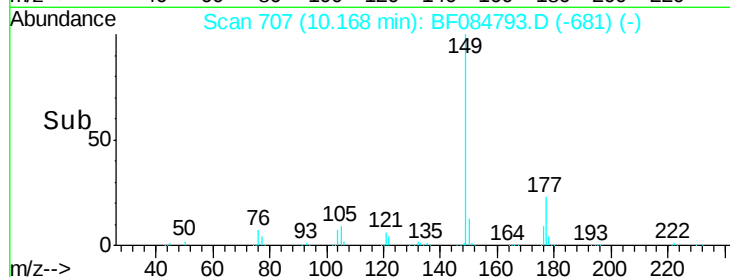
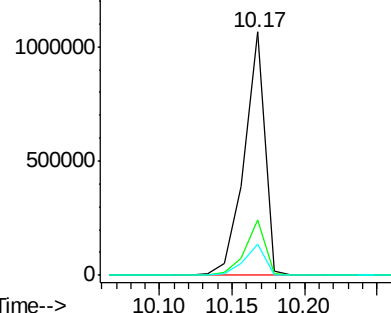
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.3	25.9
150	12.7	9.8	14.8

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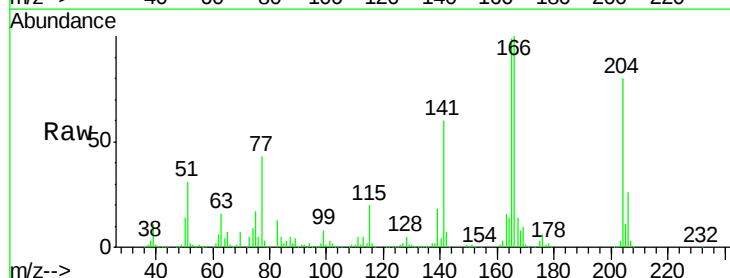


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

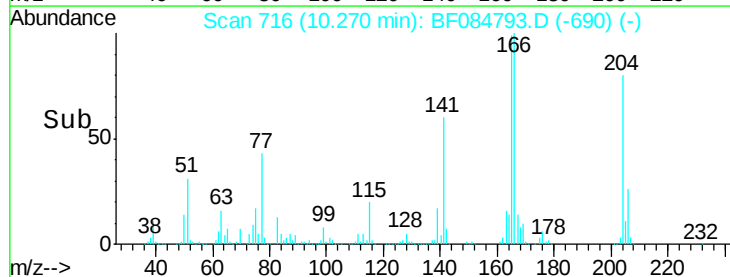
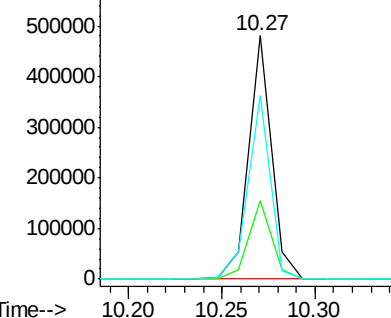


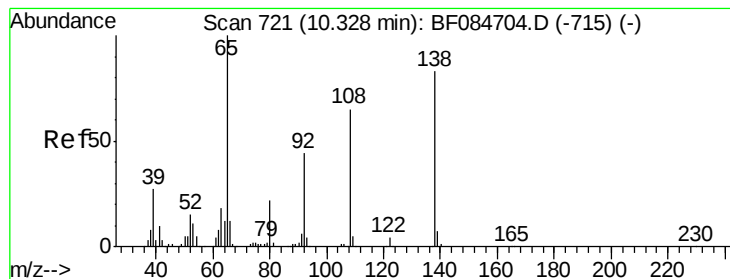
#60
4-Chlorophenyl-phenylether
Concen: 40.48 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.7	38.5
141	75.4	55.1	82.7



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





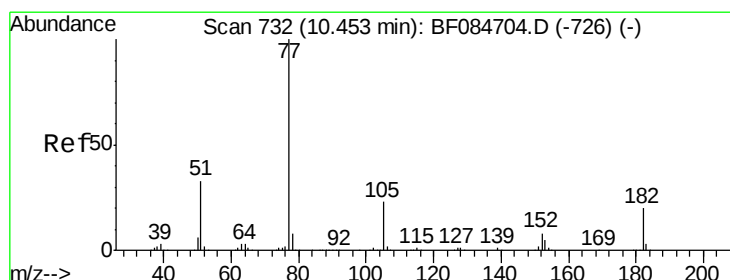
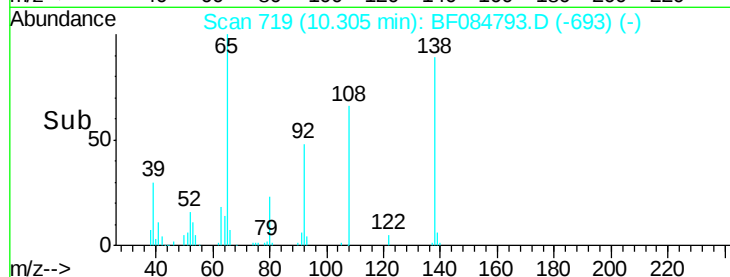
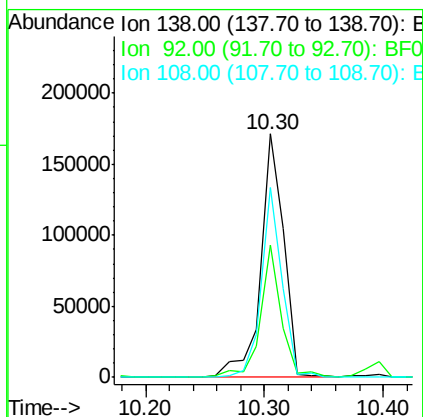
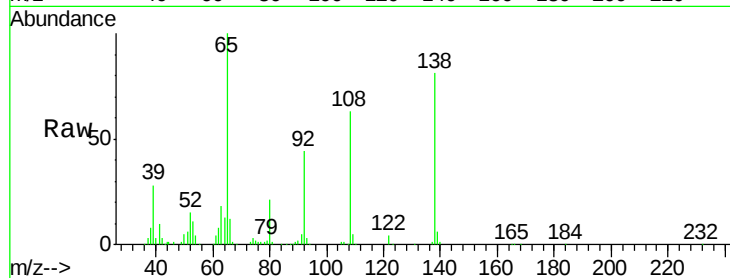
#61
4-Nitroaniline
Concen: 36.11 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	32.6	72.6
108	77.7	68.6	108.6

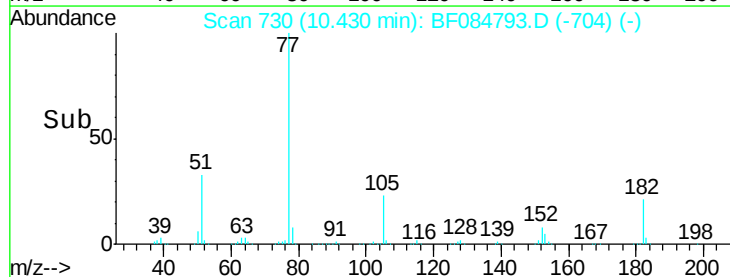
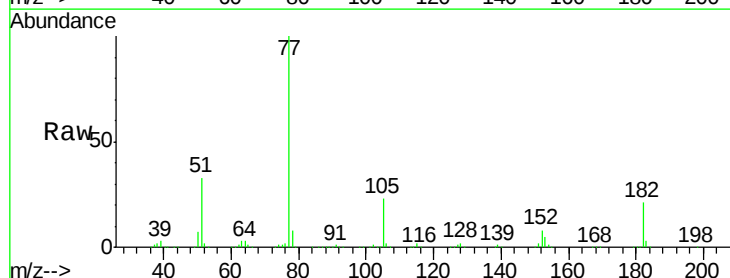
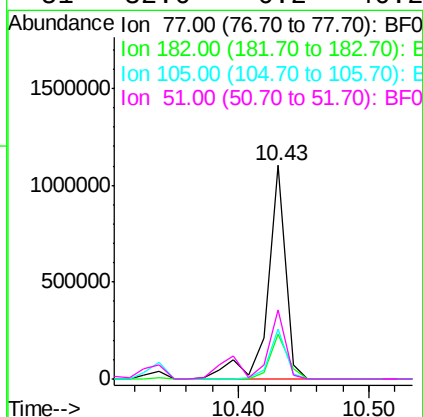
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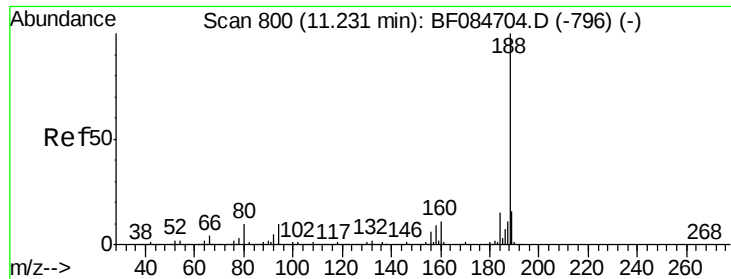
mohammad
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#62
Azobenzene
Concen: 42.28 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	8.3	48.3
105	23.3	4.6	44.6
51	32.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

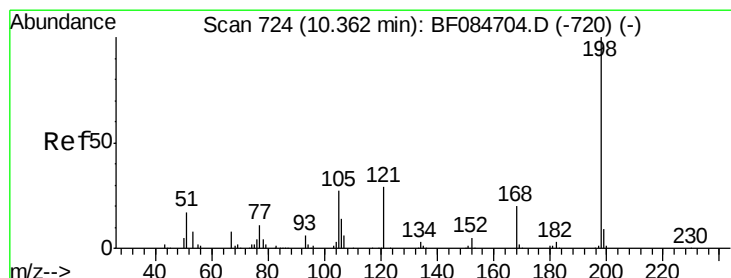
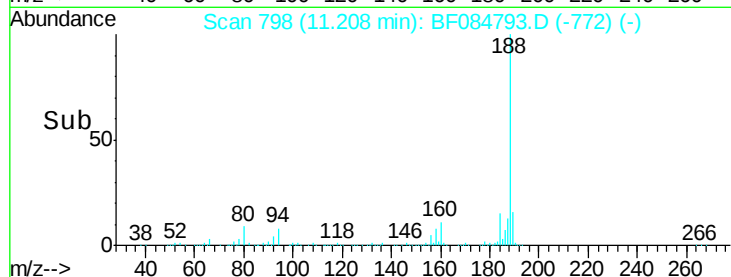
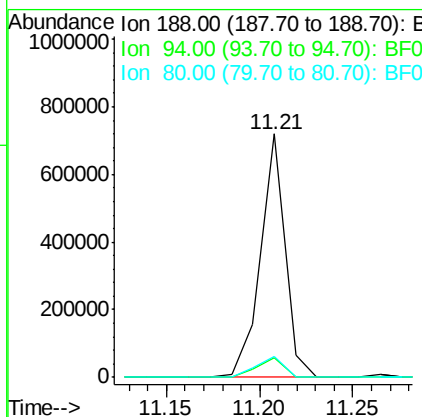
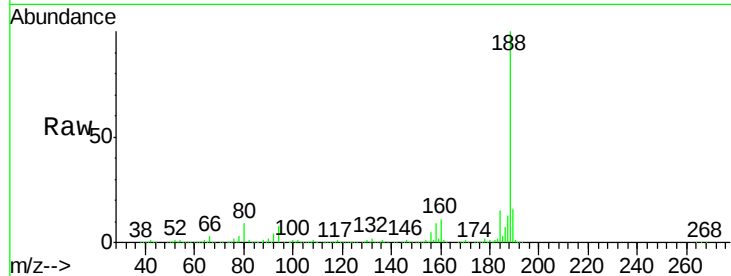
ClientSampleId :

PB88148BS

Tot Ion:	188	Resp:	654057
Ion Ratio	Lower	Upper	
188	100		
94	8.2	9.0	13.4#
80	8.6	9.6	14.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.47 ng

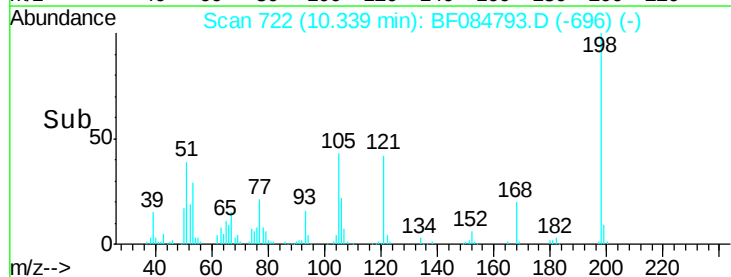
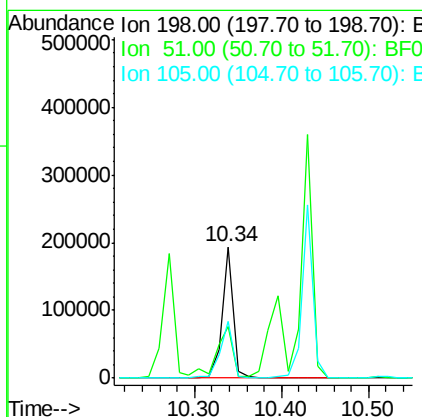
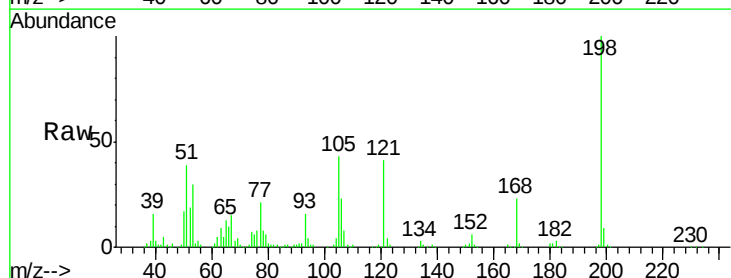
RT: 10.34 min Scan# 722

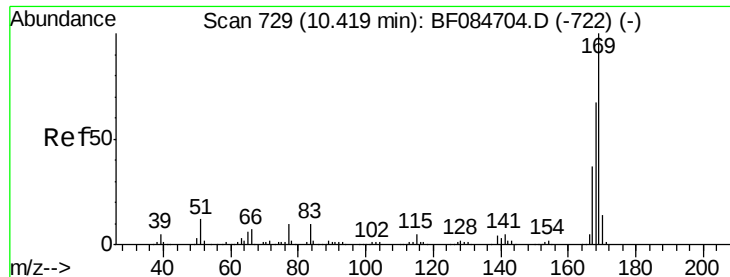
Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:	198	Resp:	175491
Ion Ratio	Lower	Upper	
198	100		
51	39.3	18.9	58.9
105	42.8	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.44 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

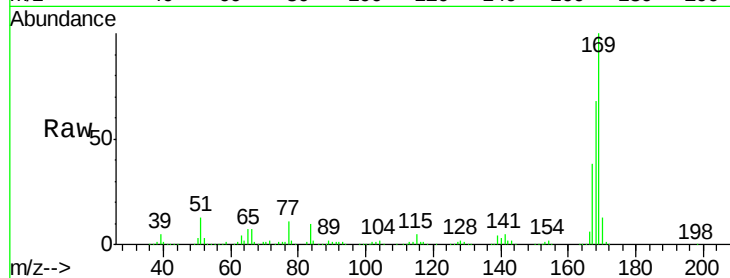
ClientSampleId :

PB88148BS

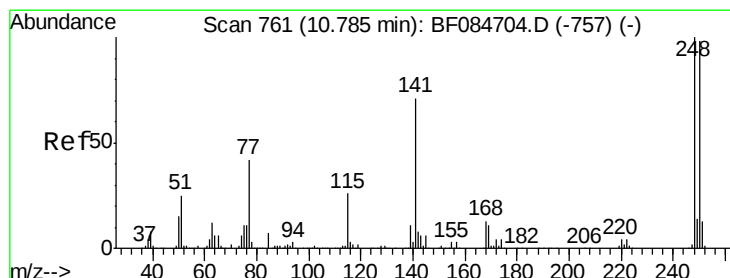
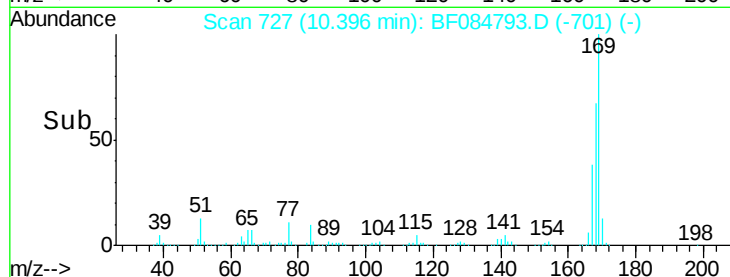
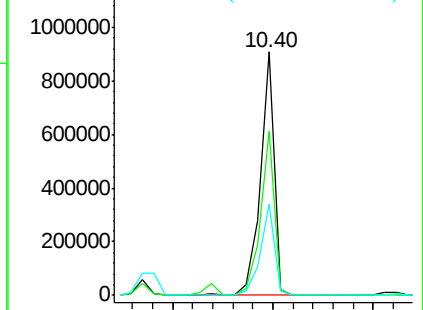
Tot Ion:	169	Resp:	860747
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.1	82.7
167	37.7	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 40.99 ng

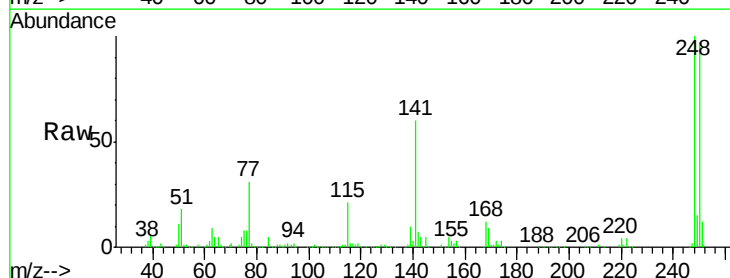
RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

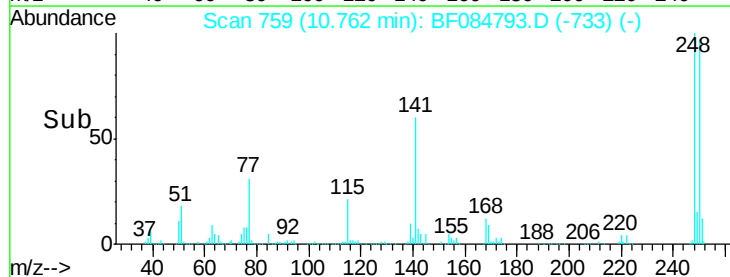
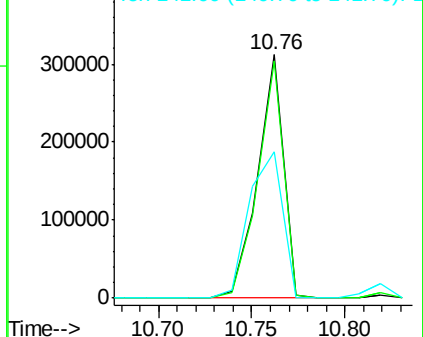
Lab File: BF084793.D

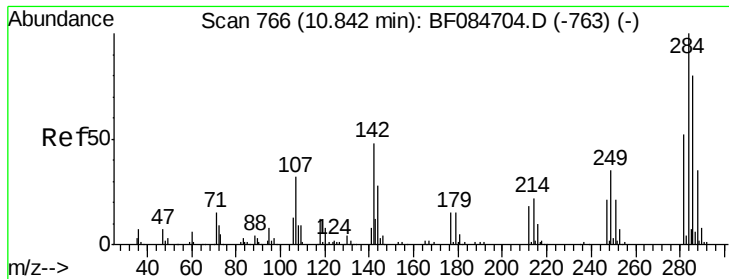
Acq: 3 Feb 2016 19:14

Tgt Ion:	248	Resp:	296095
Ion Ratio	Lower	Upper	
248	100		
250	97.4	78.4	117.6
141	60.1	44.0	66.0



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





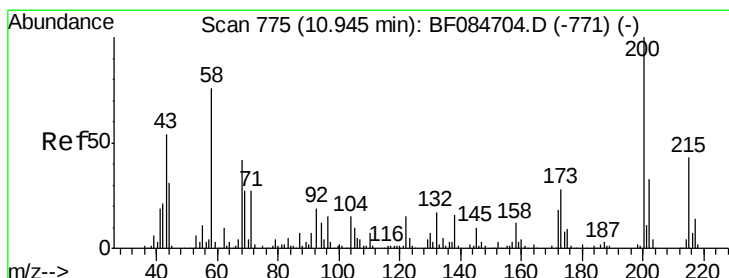
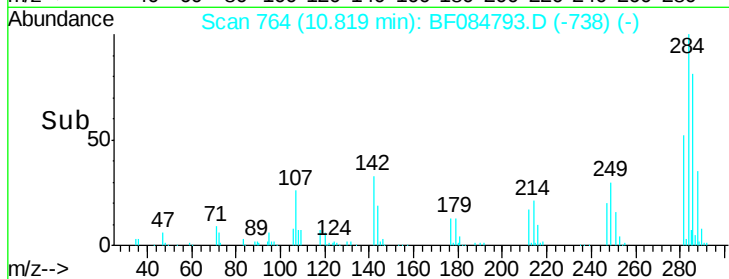
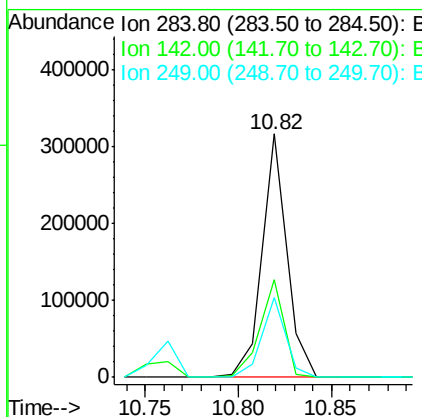
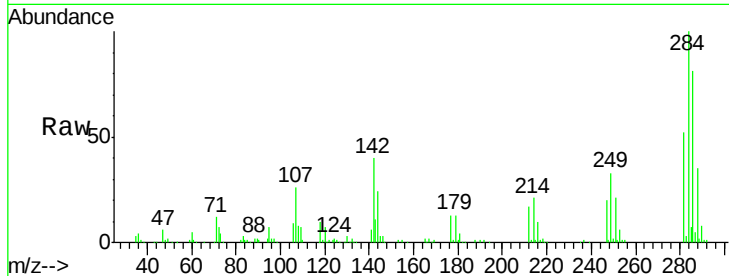
#67
Hexachlorobenzene
Concen: 36.79 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	40.3	22.2	33.4
249	32.7	24.6	37.0

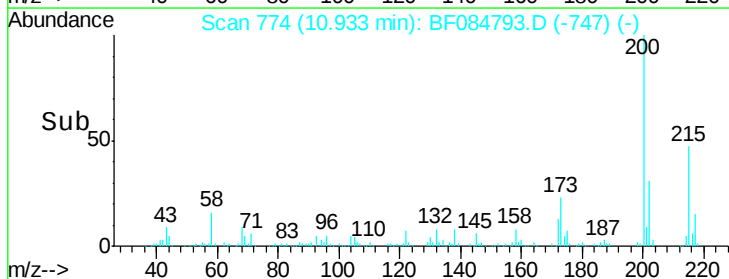
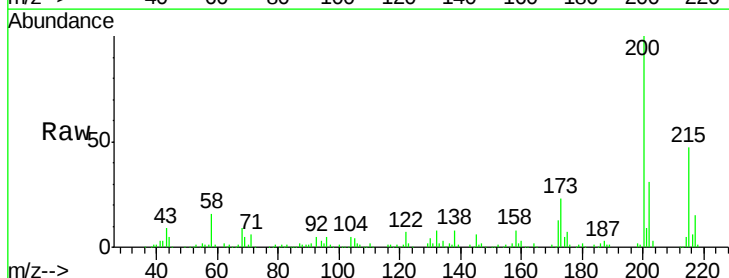
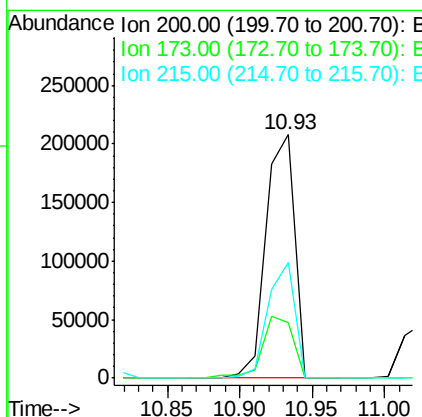
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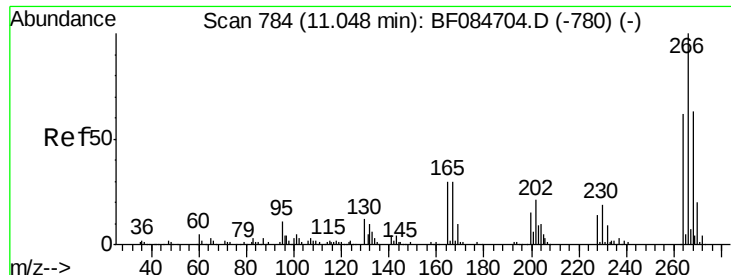
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#68
Atrazine
Concen: 43.34 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	9.5	49.5
215	47.4	23.8	63.8





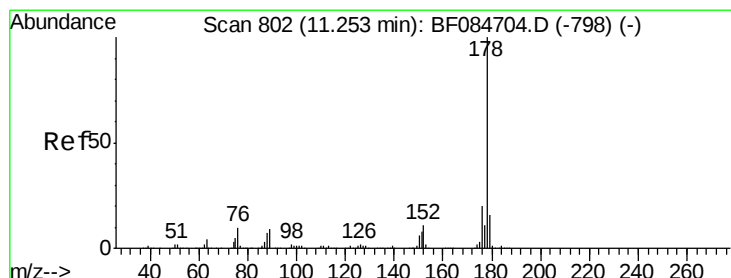
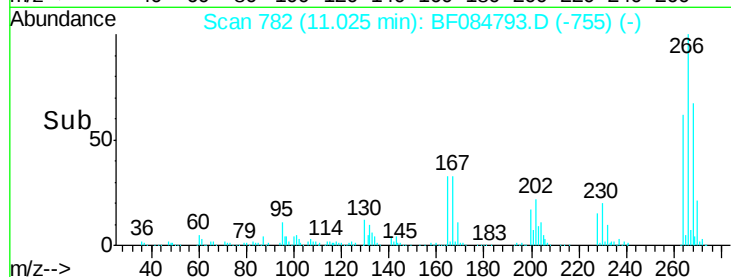
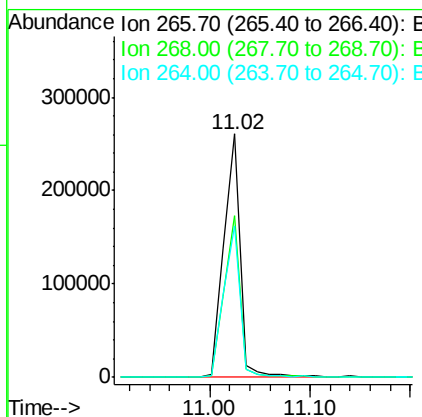
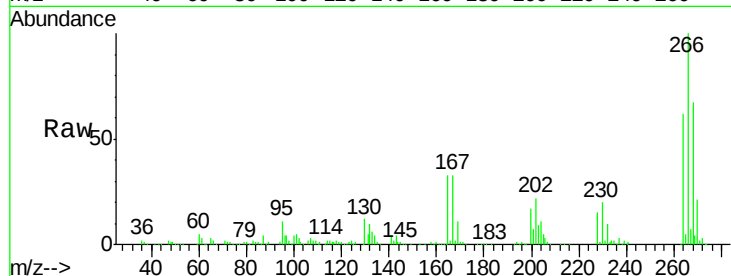
#69
 Pentachlorophenol
 Concen: 80.36 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	297280		
268	66.5	52.4	78.6	
264	62.2	50.2	75.2	

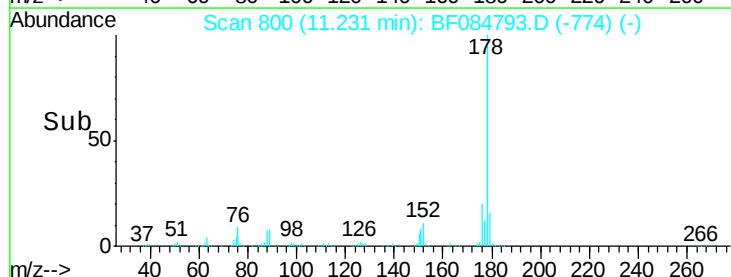
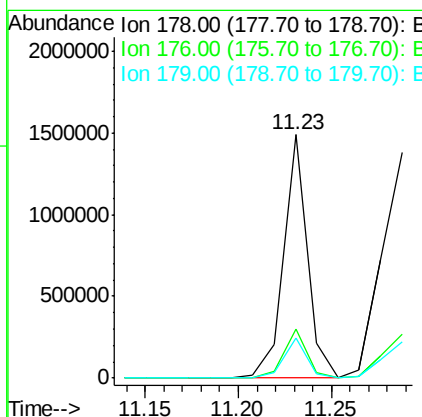
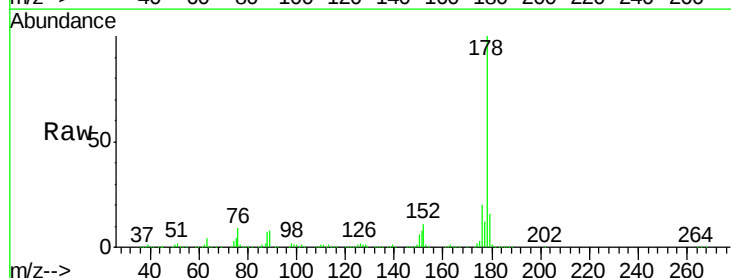
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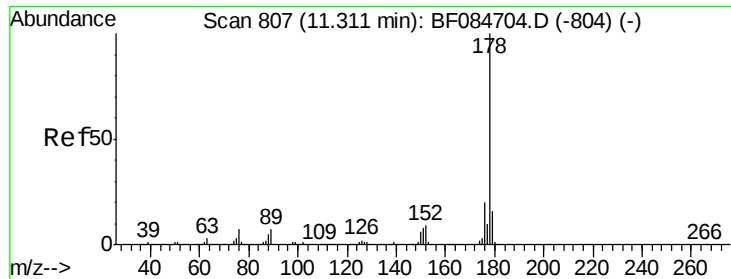
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#70
 Phenanthrene
 Concen: 36.42 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1321241		
176	20.2	15.3	22.9	
179	16.3	12.0	18.0	





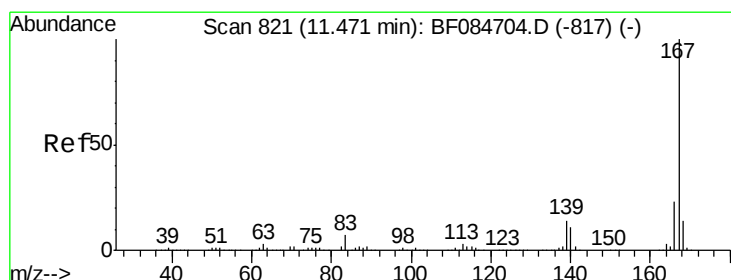
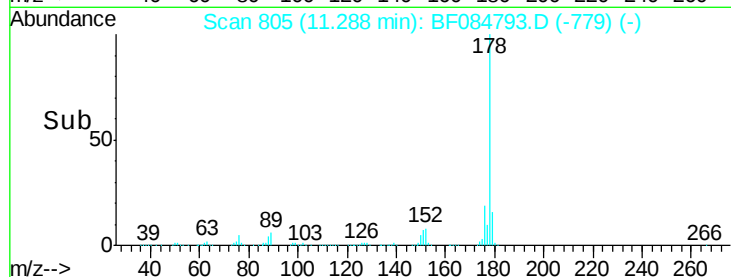
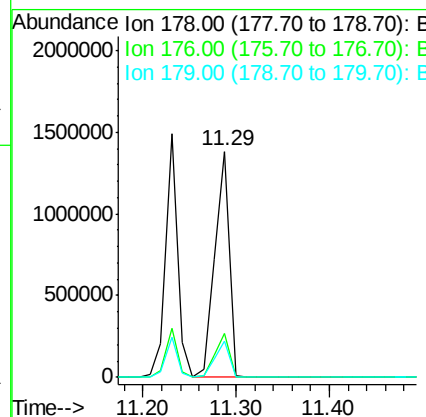
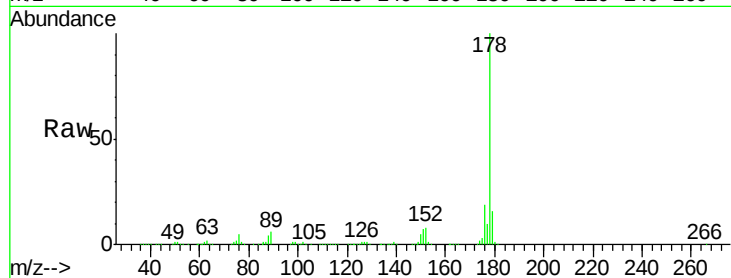
#71
 Anthracene
 Concen: 40.83 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion:178 Resp: 1492456
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.2 12.5 18.7

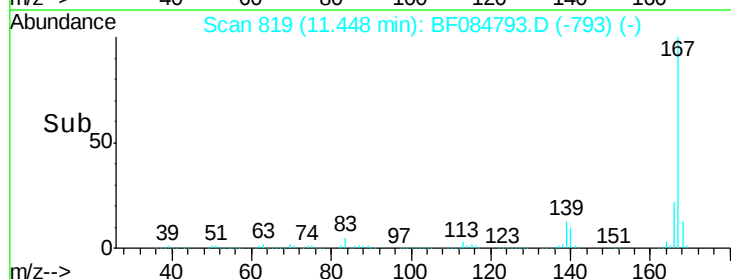
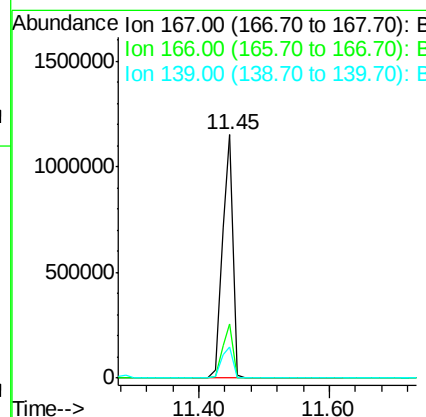
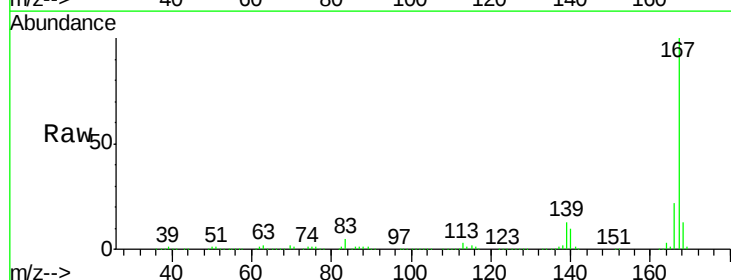
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#72
 Carbazole
 Concen: 41.63 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:167 Resp: 1326773
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 34.70 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

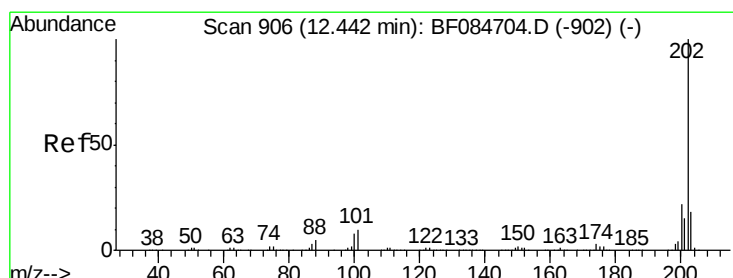
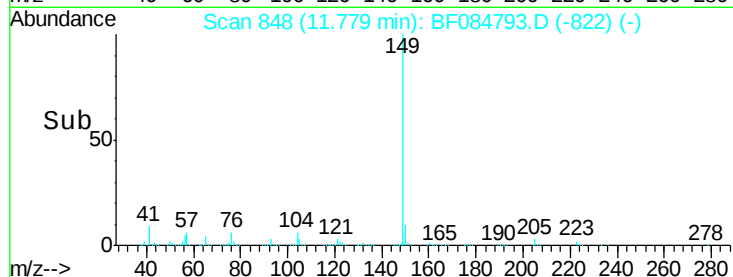
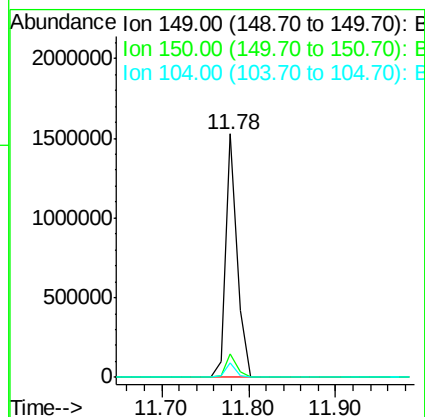
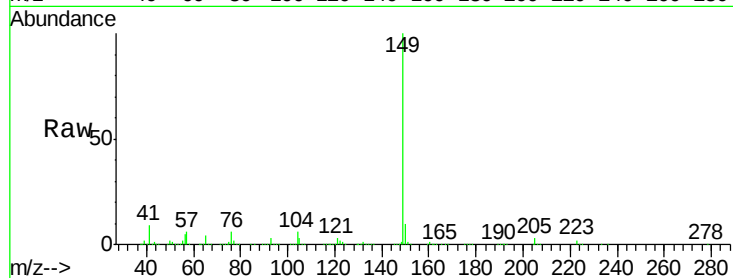
ClientSampleId :

PB88148BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	6.1	3.2	4.8

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#74

Fluoranthene

Concen: 39.56 ng

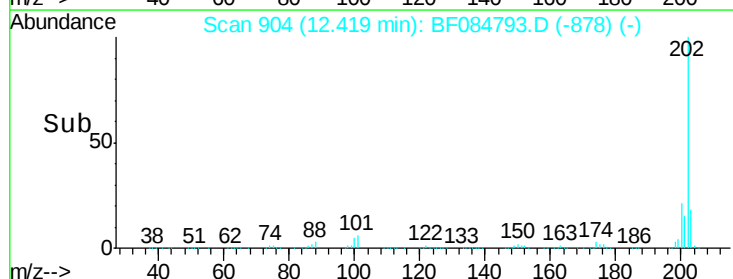
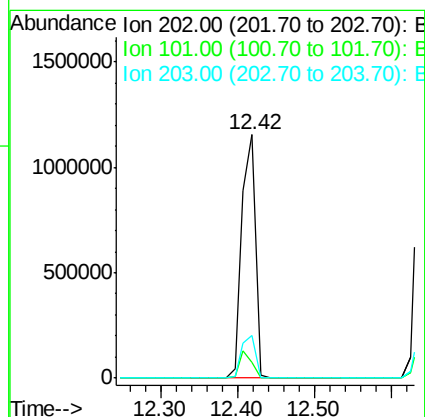
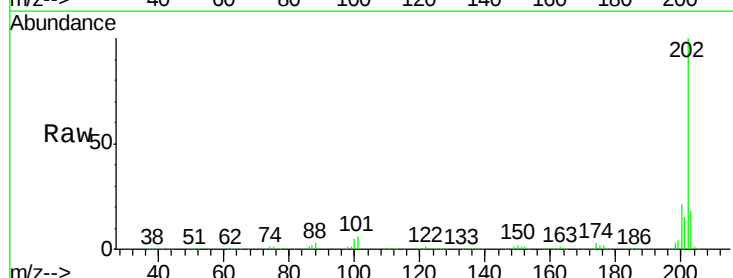
RT: 12.42 min Scan# 904

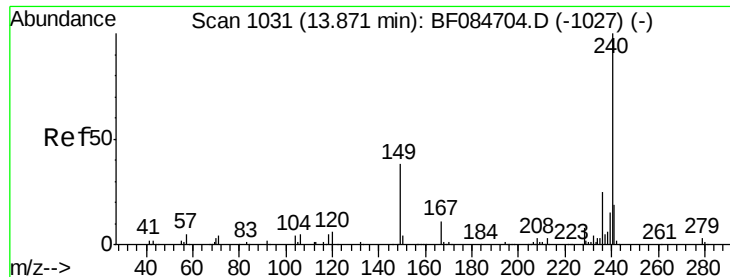
Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	32.8
203	17.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

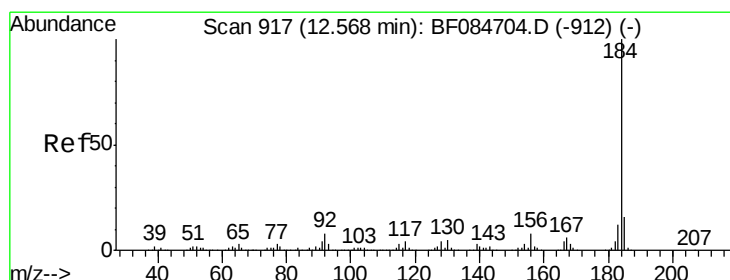
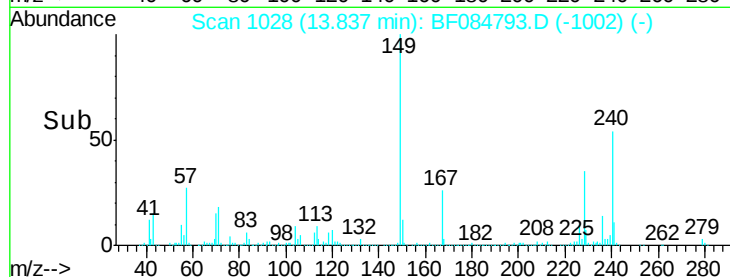
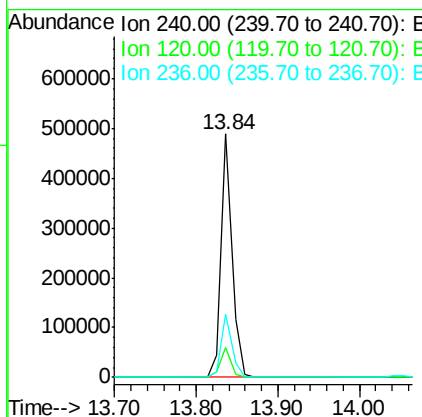
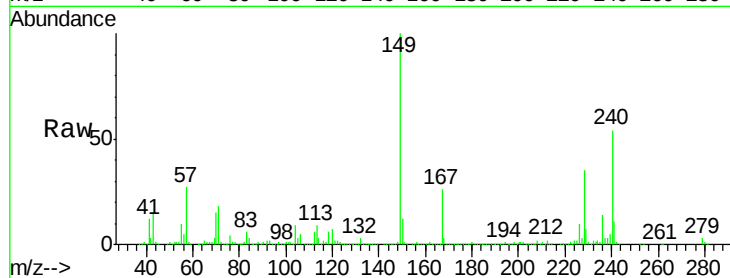
ClientSampleId :

PB88148BS

Tot Ion:	240	Resp:	454429
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	26.0	20.6	31.0

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#76

Benzidine

Concen: 35.06 ng

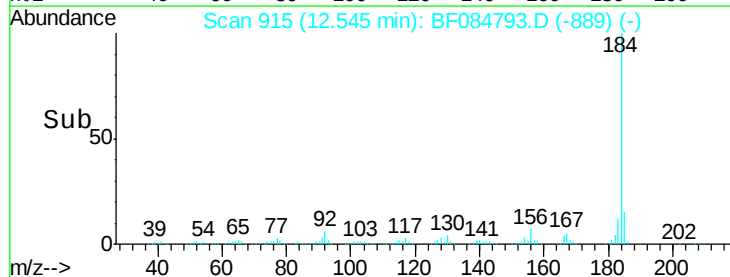
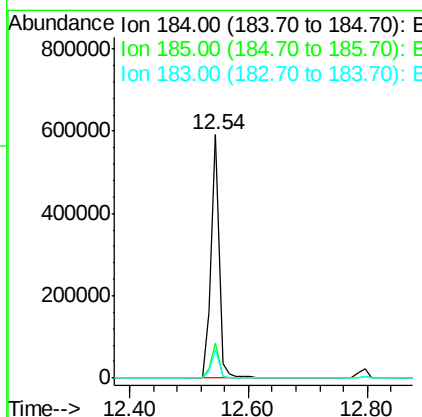
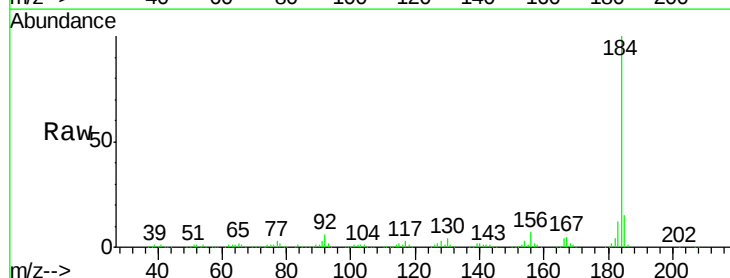
RT: 12.54 min Scan# 915

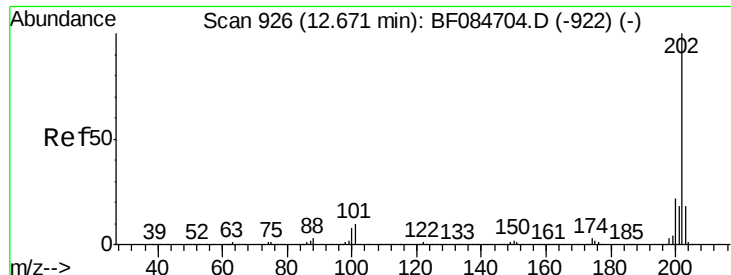
Delta R.T. -0.00 min

Lab File: BF084793.D

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Tgt Ion:	184	Resp:	564737
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	11.6	9.8	14.8





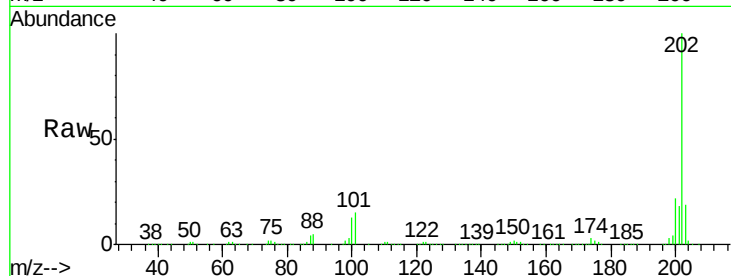
#77
Pvrene
Concen: 40.02 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

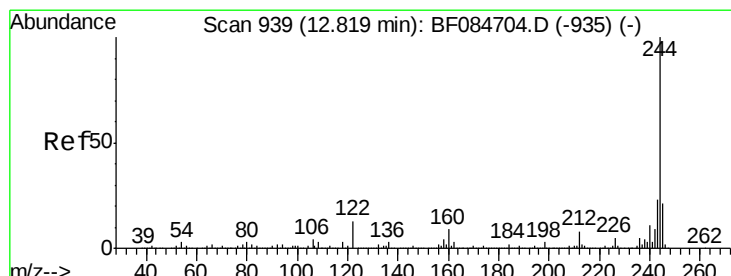
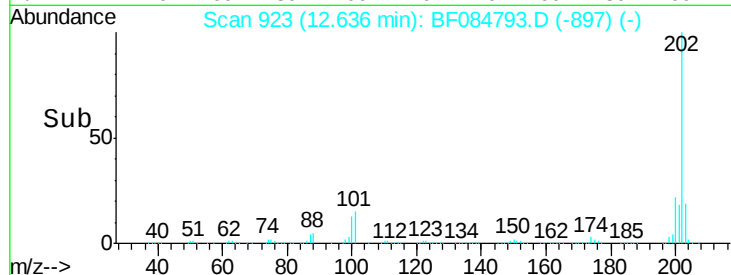
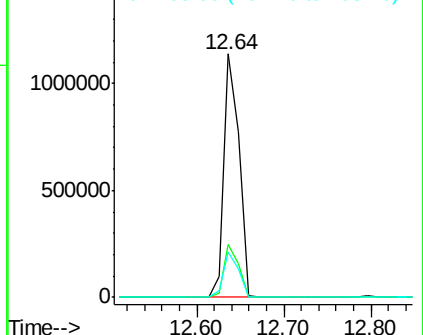
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.8	14.3	21.5

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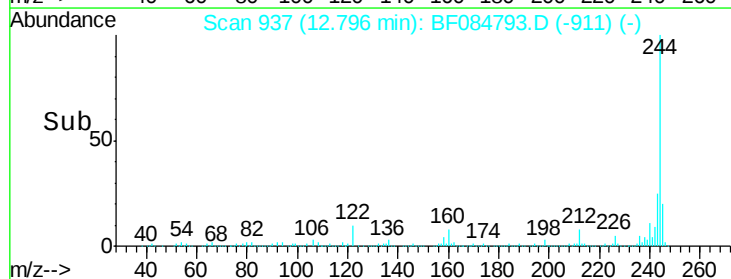
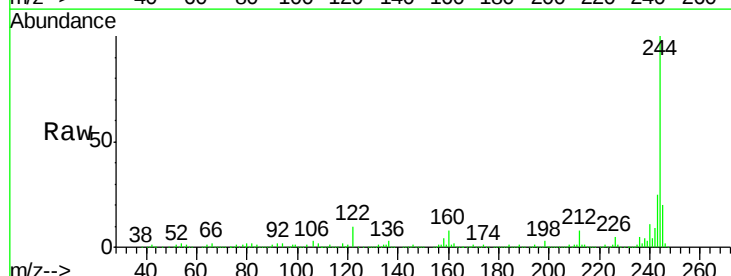
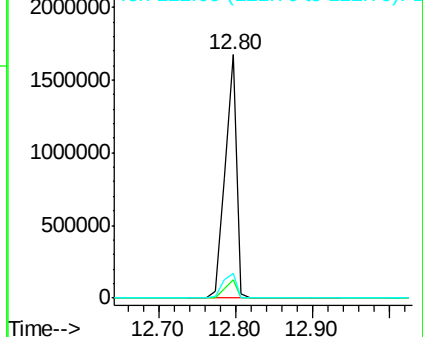
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

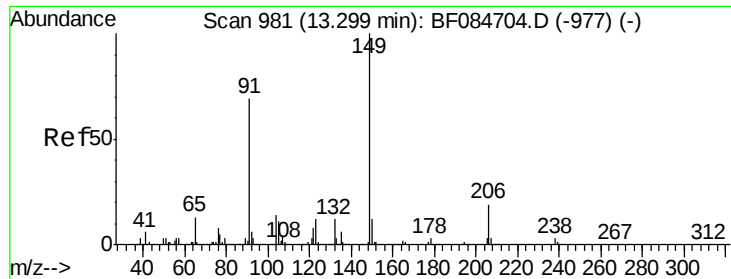


#78
Terphenyl-d14
Concen: 88.59 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.1	7.4	11.0

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





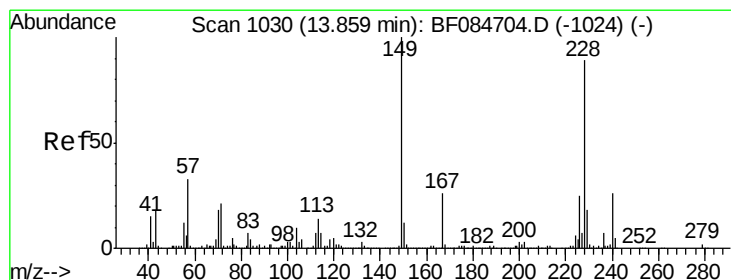
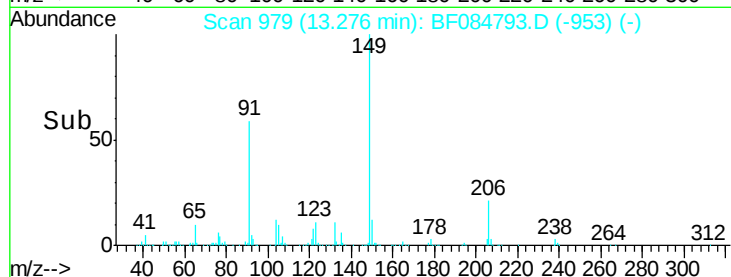
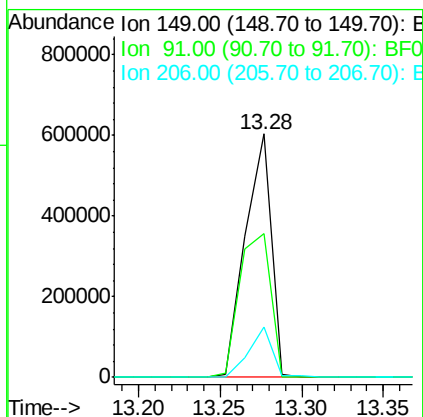
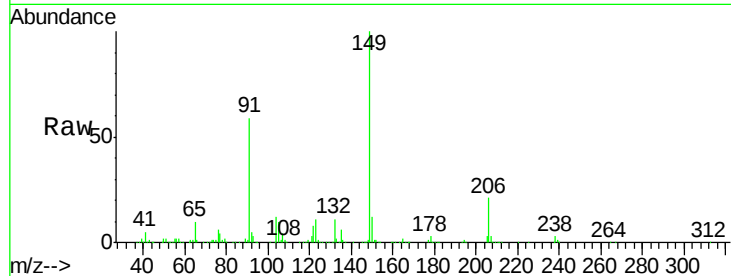
#79
Butylbenzylphthalate
Concen: 42.21 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.9	57.6	86.4
206	20.9	13.2	19.8

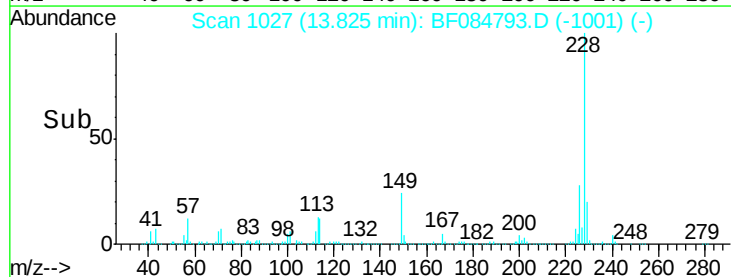
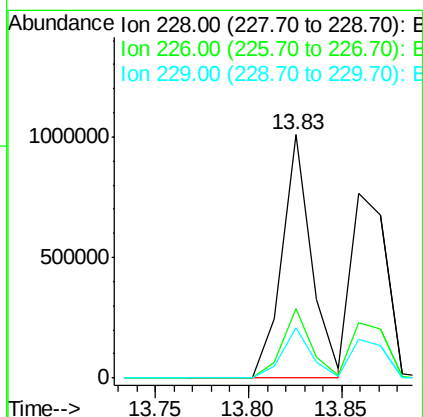
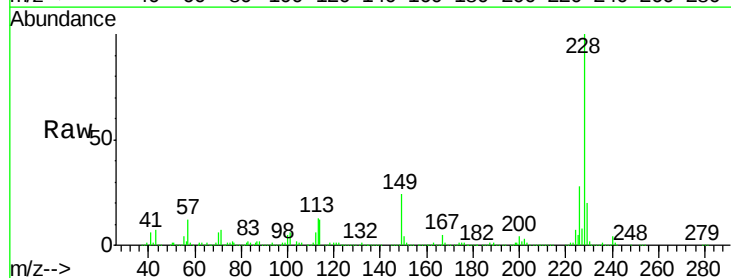
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#80
Benzo(a)anthracene
Concen: 39.50 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.5	15.8	23.8





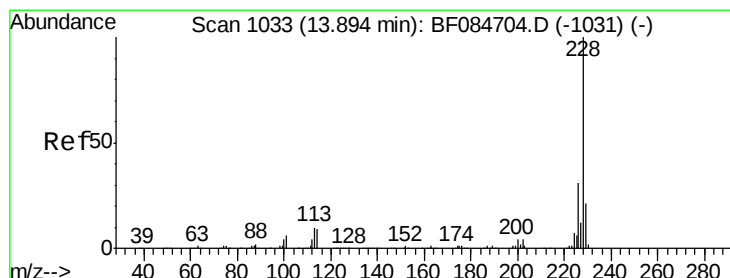
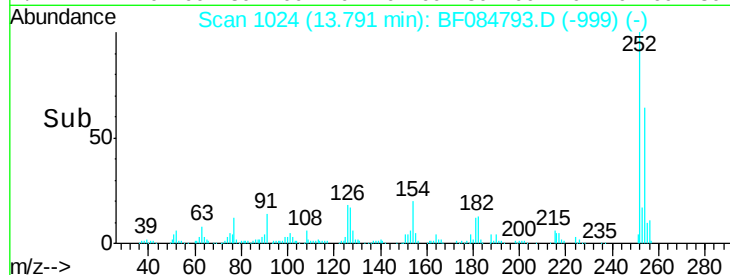
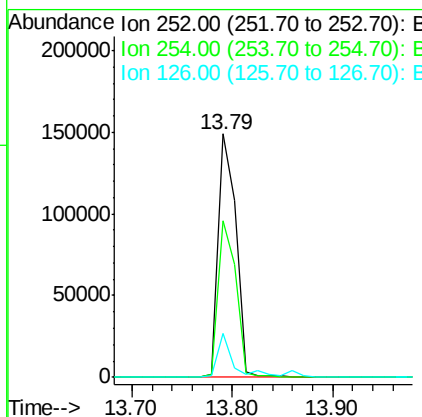
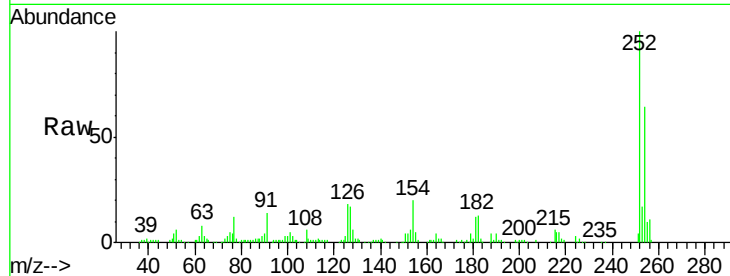
#81
 3,3'-Dichlorobenzidine
 Concen: 18.32 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	53.5	80.3
126	18.1	4.9	7.3

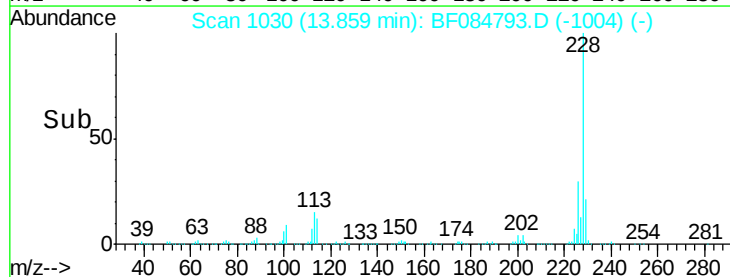
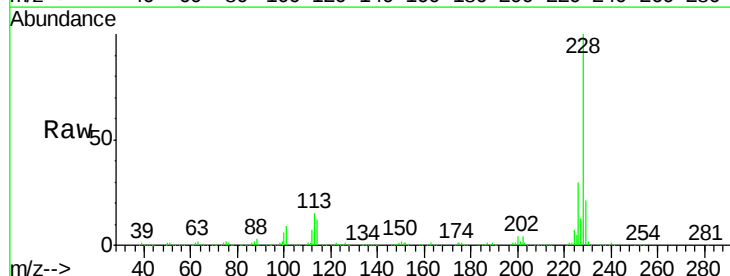
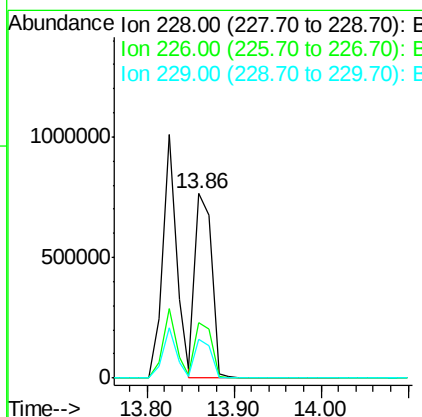
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#82
 Chrysene
 Concen: 37.00 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.43 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tot Ion:149 Resp: 833387

Ion Ratio Lower Upper

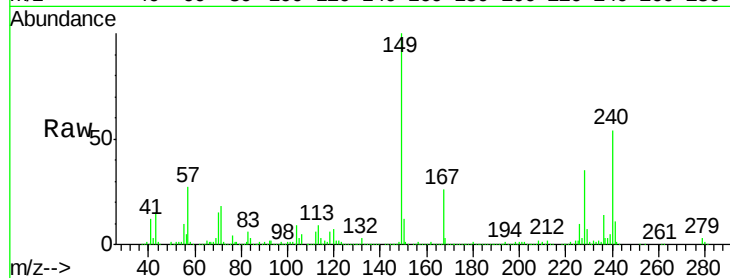
149 100

167 26.3 19.7 29.5

279 3.0 1.8 2.6#

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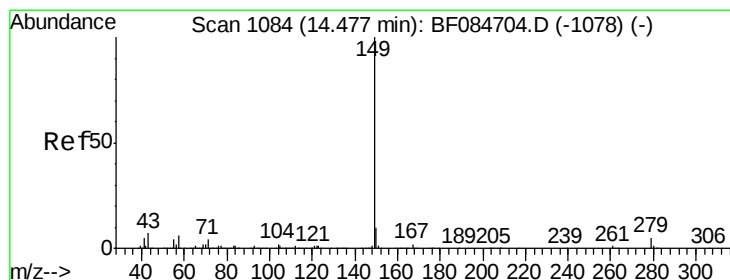
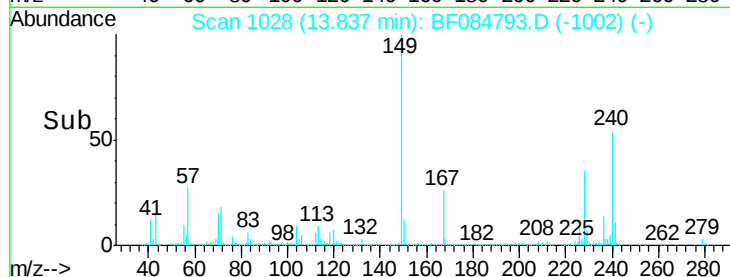
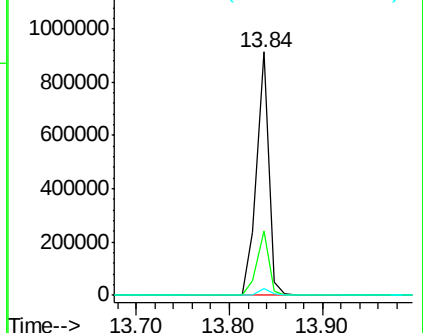
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.67 ng

RT: 14.44 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:149 Resp: 1253035

Ion Ratio Lower Upper

149 100

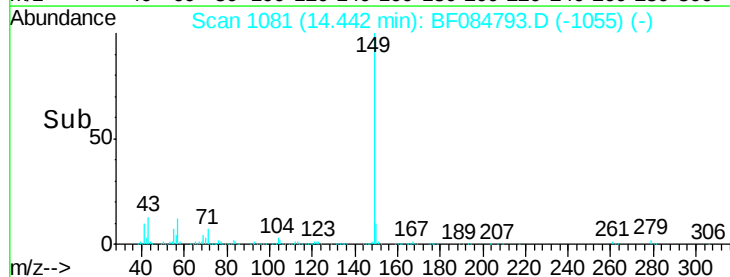
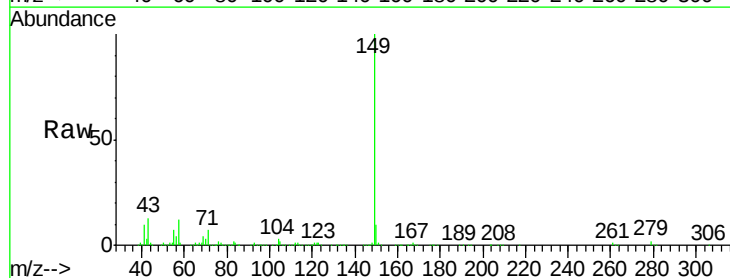
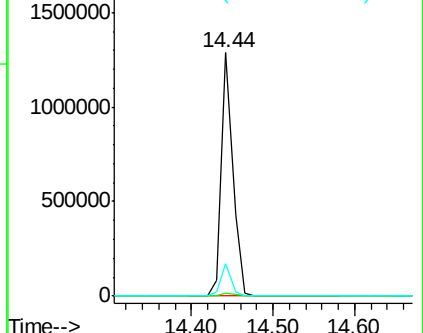
167 1.6 1.2 1.8

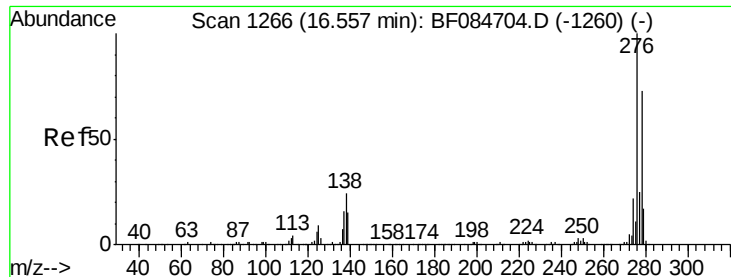
43 11.7 5.6 8.4#

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: 40.59 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

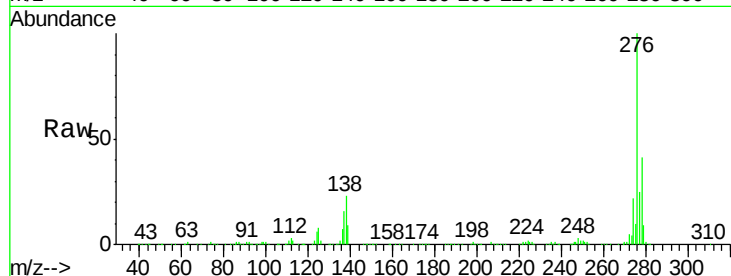
ClientSampleId :

PB88148BS

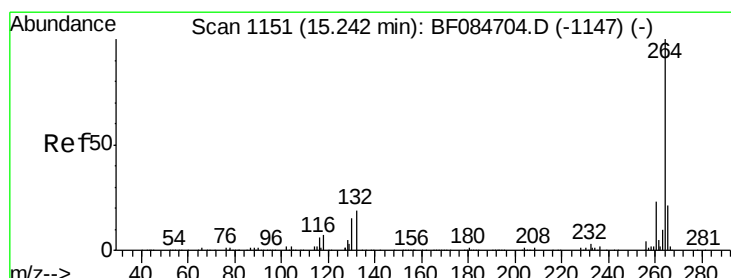
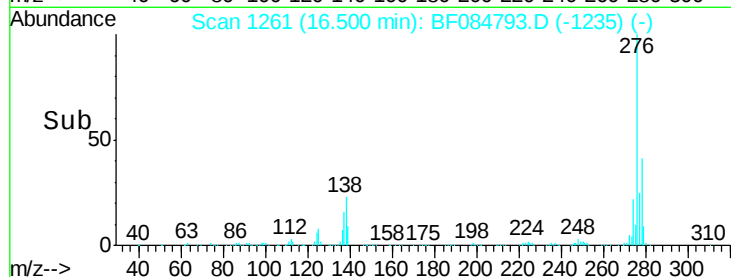
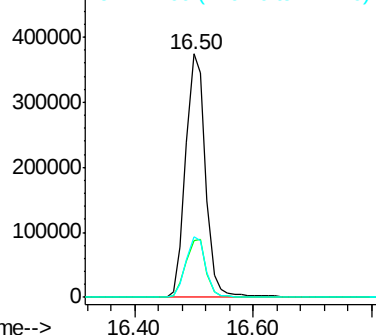
Tot Ion:	276	Resp:	873850
Ion Ratio	Lower	Upper	
276	100		
138	24.8	20.6	30.8
277	25.0	20.1	30.1

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



#86

Perylene-d12

Concen: 20.00 ng

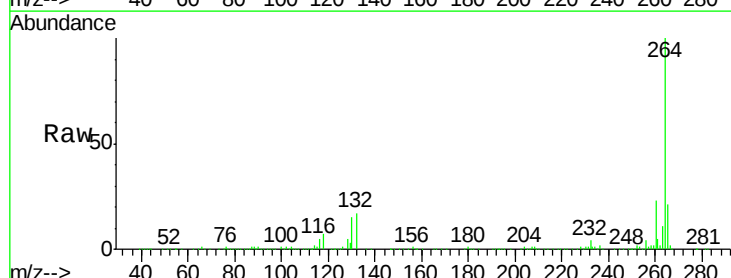
RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

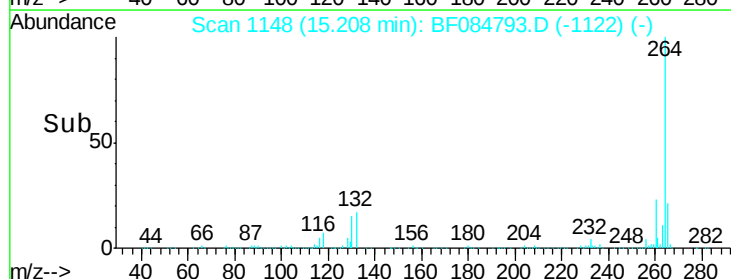
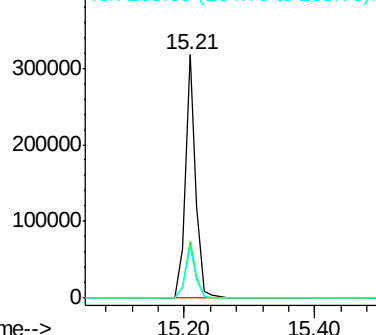
Lab File: BF084793.D

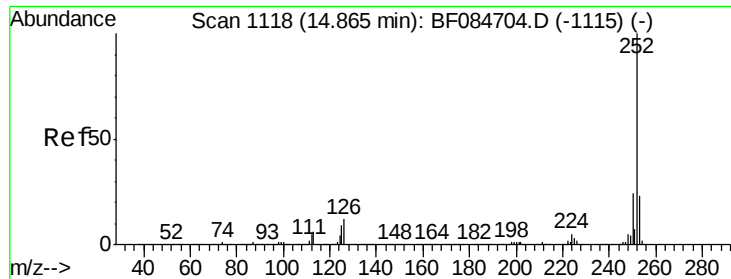
Acq: 3 Feb 2016 19:14

Tgt Ion:	264	Resp:	358193
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.2	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.36 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

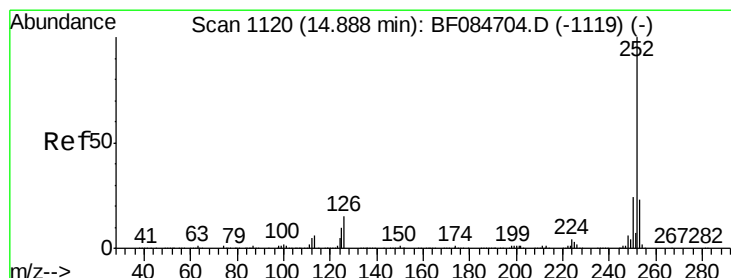
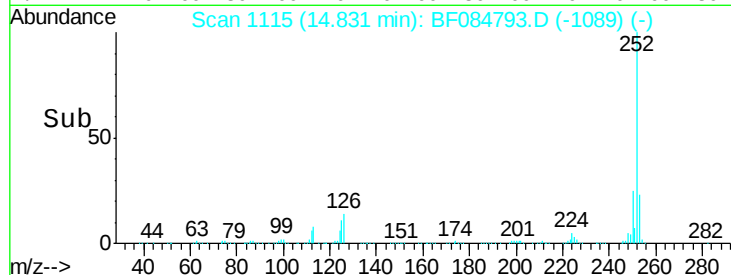
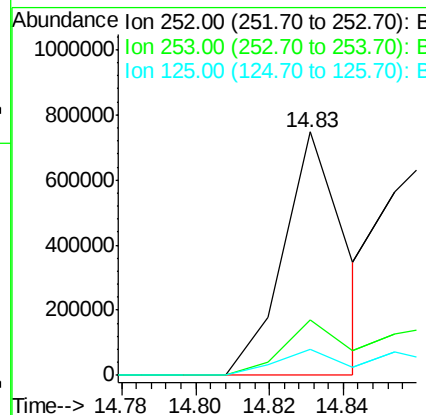
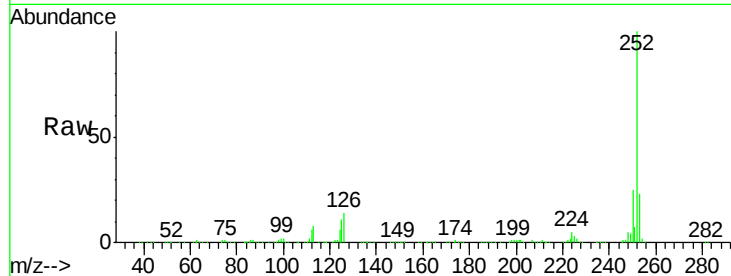
ClientSampleId :

PB88148BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.9	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 46.11 ng m

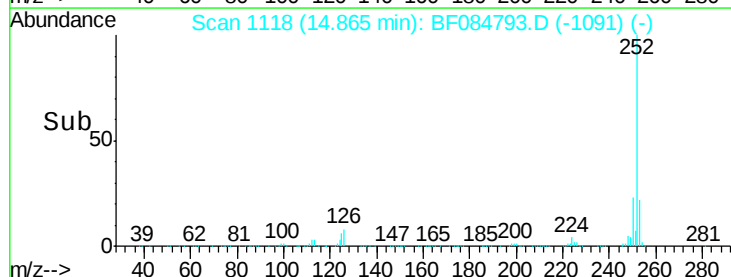
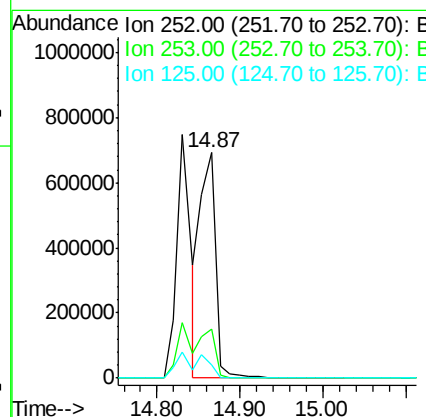
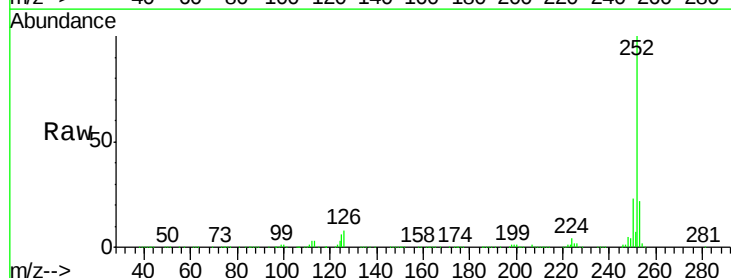
RT: 14.87 min Scan# 1118

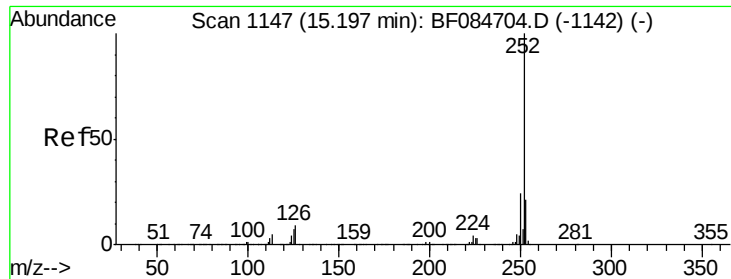
Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	5.7	9.0	13.6#





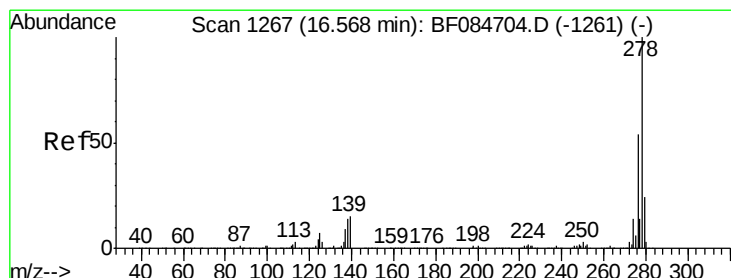
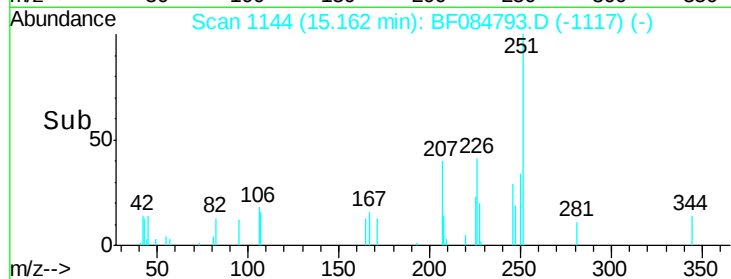
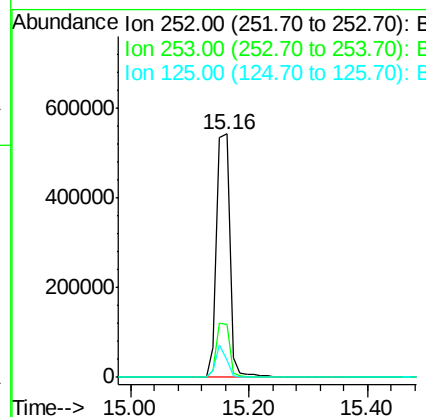
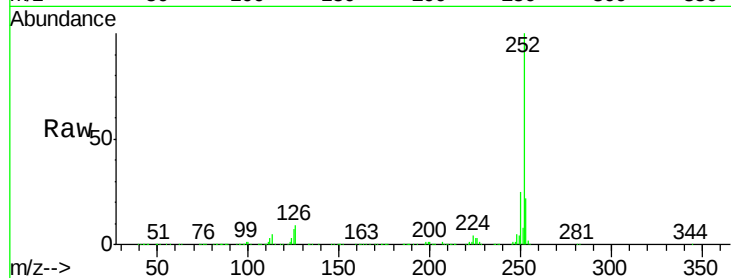
#89
Benzo(a)pyrene
Concen: 40.78 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.9	7.0	10.4

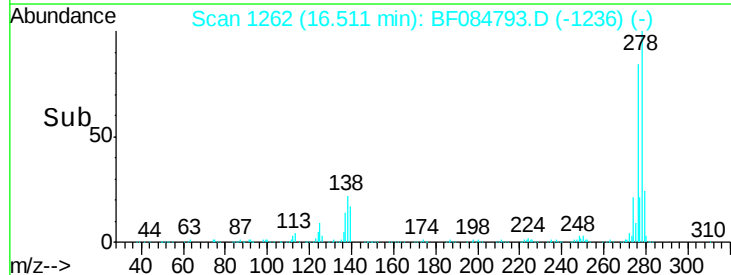
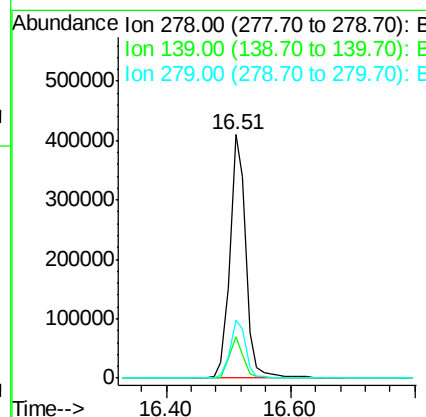
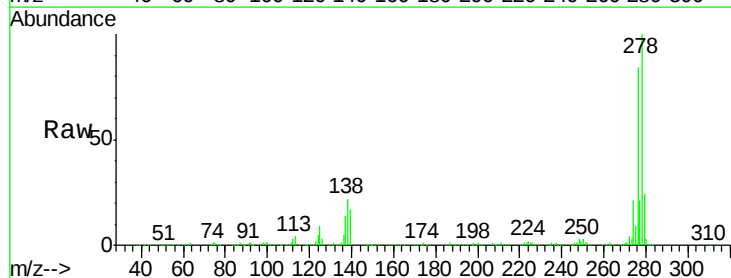
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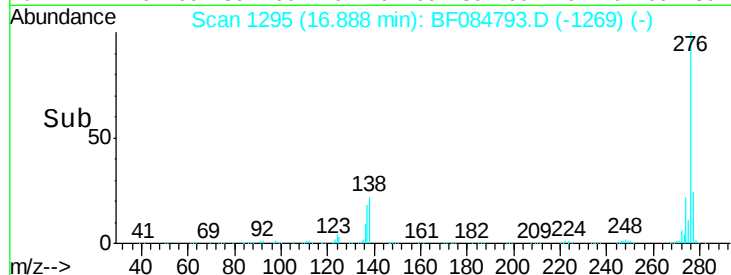
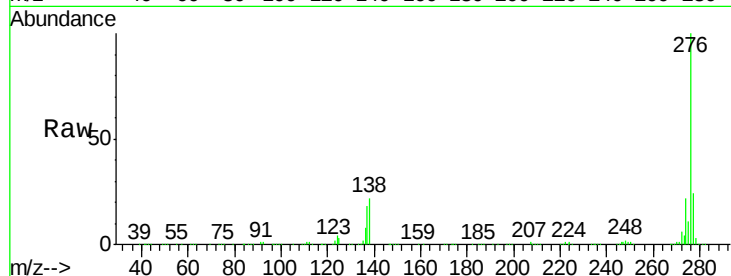
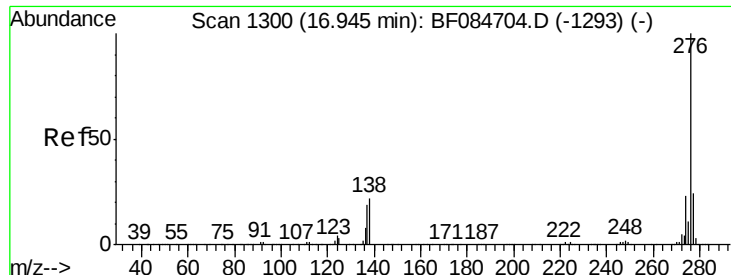
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#90
Dibenzo(a,h)anthracene
Concen: 42.31 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.0	22.4
279	23.9	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 43.26 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tot Ion:	276	Resp:	752263
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	21.8	17.8	26.6

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