

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084720.D
 Acq On : 1 Feb 2016 20:21
 Operator : SJ/IZ
 Sample : PB88019BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:09 PM

Quant Time: Feb 02 01:09:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169702	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	702877	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	343327	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	640335	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	465035	20.00	ng	-0.01
86) Perylene-d12	15.24	264	421048	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1405892	129.04	ng	0.01
7) Phenol-d6	6.36	99	1666928	123.41	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1084384	86.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	461871	128.97	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1866941	95.56	ng	-0.01
78) Terphenyl-d14	12.82	244	1789519	87.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	168886	35.39	ng	# 72
3) Pyridine	2.97	79	488991	39.33	ng	# 77
4) n-Nitrosodimethylamine	2.92	42	251556	39.12	ng	81
6) Aniline	6.37	93	527828	31.94	ng	# 71
8) 2-Chlorophenol	6.50	128	504339	40.90	ng	92
9) Benzaldehyde	6.26	77	22440	2.81	ng	85
10) Phenol	6.38	94	563385	37.23	ng	91
11) bis(2-Chloroethyl)ether	6.45	93	457950m	38.81	ng	
12) 1,3-Dichlorobenzene	6.65	146	493949m	37.91	ng	
13) 1,4-Dichlorobenzene	6.73	146	514206	39.48	ng	97
14) 1,2-Dichlorobenzene	6.89	146	468651m	38.63	ng	
15) Benzyl Alcohol	6.86	79	405037	43.43	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	743252	37.45	ng	87
17) 2-Methylphenol	6.99	107	426461	43.73	ng	93
18) Hexachloroethane	7.22	117	196833	39.24	ng	94
19) n-Nitroso-di-n-propylamine	7.14	70	356111	42.06	ng	# 76
20) 3+4-Methylphenols	7.14	107	499226	41.24	ng	# 79
22) Acetophenone	7.13	105	695004	37.52	ng	99
24) Nitrobenzene	7.30	77	489628	36.64	ng	97
25) Isophorone	7.55	82	973973	40.14	ng	95
26) 2-Nitrophenol	7.62	139	279091	42.35	ng	# 89
27) 2,4-Dimethylphenol	7.66	122	450577	39.31	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	580651	40.34	ng	99
29) 2,4-Dichlorophenol	7.87	162	426343	43.47	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	423905	38.27	ng	97
31) Naphthalene	8.02	128	1349597	38.28	ng	99
32) Benzoic acid	7.80	122	295330	40.28	ng	94
33) 4-Chloroaniline	8.08	127	449513	30.83	ng	97
34) Hexachlorobutadiene	8.14	225	261313	40.91	ng	100
35) Caprolactam	8.45	113	135065m	44.68	ng	
36) 4-Chloro-3-methylphenol	8.57	107	467860	41.82	ng	94
37) 2-Methylnaphthalene	8.72	142	1014827	45.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	371189	34.04	ng	99
40) Hexachlorocyclopentadiene	8.86	237	381520	79.47	ng	97

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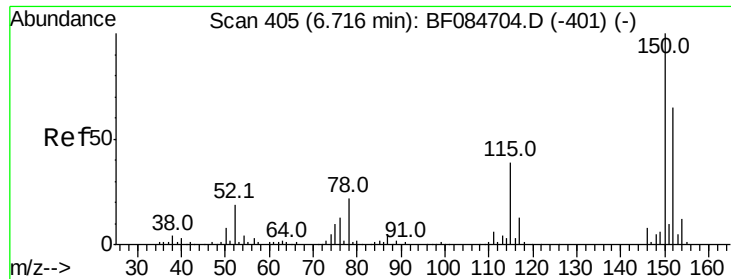
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	294534	41.93	nq	95
43) 2,4,5-Trichlorophenol	9.05	196	306522	42.94	nq	93
45) 1,1'-Biphenyl	9.18	154	1138083	37.11	nq	96
46) 2-Chloronaphthalene	9.20	162	853160	37.78	nq	95
47) 2-Nitroaniline	9.30	65	272009	38.04	nq	98
48) Acenaphthylene	9.62	152	1393486	40.66	nq	99
49) Dimethylphthalate	9.49	163	1100690	42.09	nq	# 91
50) 2,6-Dinitrotoluene	9.55	165	256432	44.89	nq	# 90
51) Acenaphthene	9.79	154	889734	39.91	nq	97
52) 3-Nitroaniline	9.71	138	184401	28.73	nq	98
53) 2,4-Dinitrophenol	9.82	184	252283	94.55	nq	# 85
54) Dibenzofuran	9.96	168	1258743	46.19	nq	98
55) 4-Nitrophenol	9.89	139	334091	70.82	nq	# 79
56) 2,4-Dinitrotoluene	9.95	165	307397	42.19	nq	# 90
57) Fluorene	10.30	166	963186	42.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	247925	45.63	nq	89
59) Diethylphthalate	10.19	149	1084549	42.47	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	430442	45.03	nq	97
61) 4-Nitroaniline	10.33	138	232953	37.24	nq	93
62) Azobenzene	10.45	77	1093140	44.52	nq	90
64) 4,6-Dinitro-2-methylphenol	10.36	198	185951	47.05	nq	79
65) n-Nitrosodiphenylamine	10.42	169	908514	44.68	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	306244	43.30	nq	95
67) Hexachlorobenzene	10.84	284	300611	39.01	nq	# 86
68) Atrazine	10.94	200	244282	38.04	nq	99
69) Pentachlorophenol	11.05	266	337641	93.23	nq	98
70) Phenanthrene	11.25	178	1374089	38.69	nq	98
71) Anthracene	11.31	178	1560784	43.61	nq	98
72) Carbazole	11.47	167	1413804	45.31	nq	98
73) Di-n-butylphthalate	11.80	149	1497457	37.69	nq	# 97
74) Fluoranthene	12.44	202	1581983	44.01	nq	95
76) Benzidine	12.57	184	411531	25.62	nq	98
77) Pyrene	12.67	202	1593307	44.75	nq	99
79) Butylbenzylphthalate	13.30	149	748751	46.36	nq	# 91
80) Benzo(a)anthracene	13.85	228	1245852	43.16	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	375936	36.79	nq	100
82) Chrysene	13.89	228	1277240	45.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	886843	44.12	nq	# 97
84) Di-n-octyl phthalate	14.47	149	1507620	45.46	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.55	276	981524	44.55	nq	99
87) Benzo(b)fluoranthene	14.87	252	1247588m	44.10	nq	
88) Benzo(k)fluoranthene	14.89	252	859648m	36.75	nq	
89) Benzo(a)pyrene	15.19	252	976085	40.49	nq	# 95
90) Dibenzo(a,h)anthracene	16.57	278	814256	40.13	nq	# 94
91) Benzo(g,h,i)perylene	16.95	276	821177	40.18	nq	96

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



#1

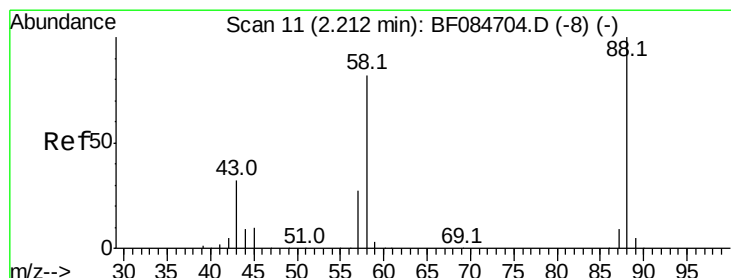
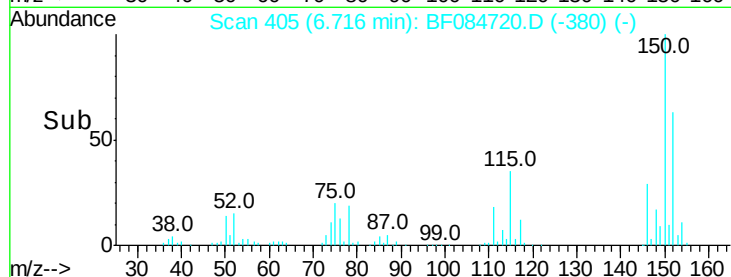
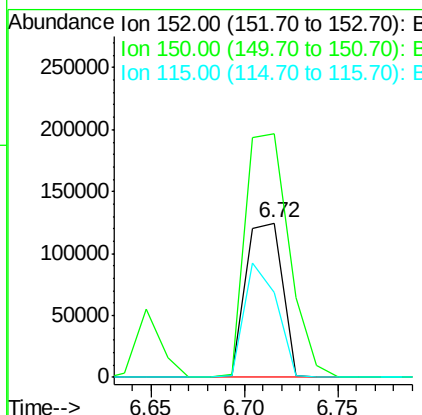
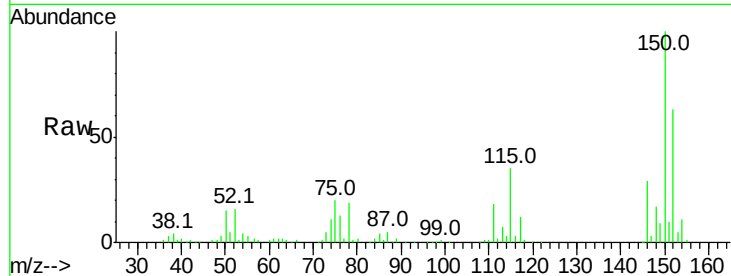
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampled :
PB88019BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	55.3	51.4	77.2

Manual Integrations
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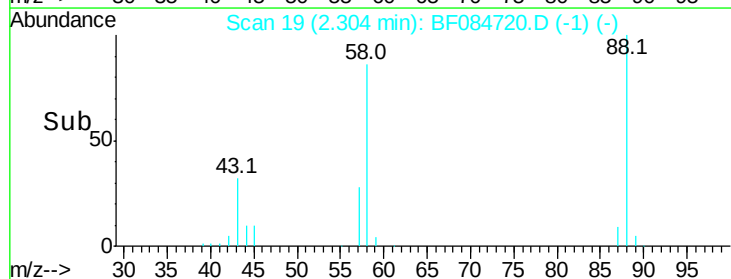
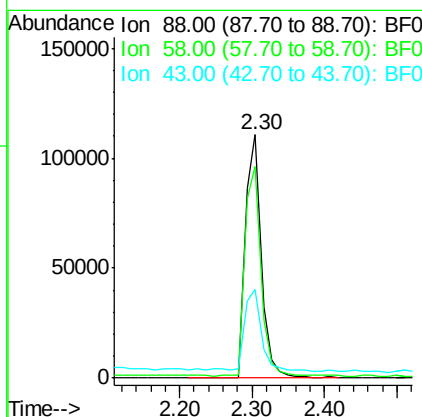
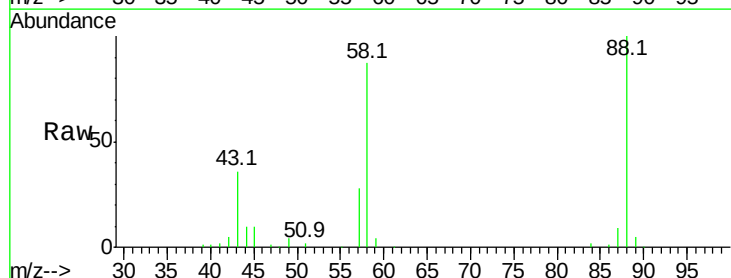
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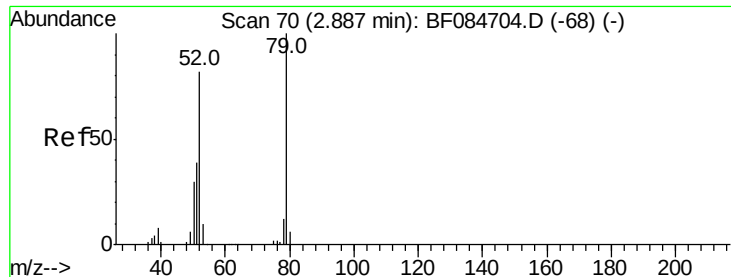


#2

1,4-Dioxane
Concen: 35.39 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.08 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	51.2	76.8#
43	35.1	19.5	29.3#





#3

Pvridine

Concen: 39.33 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

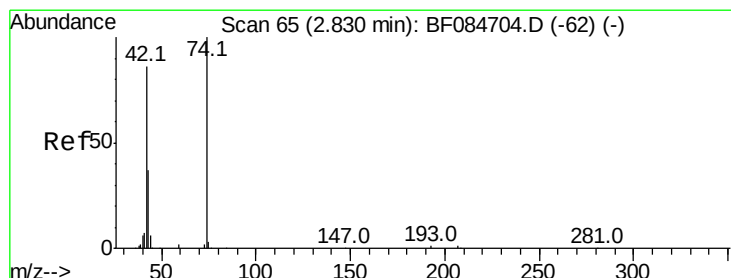
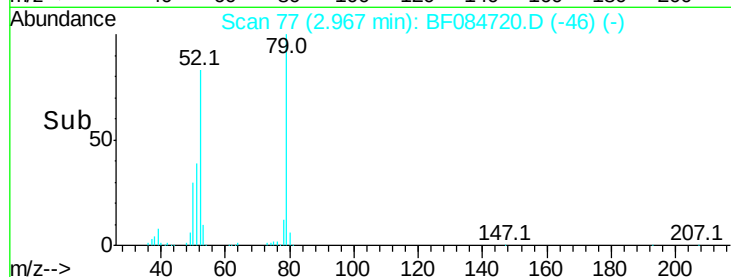
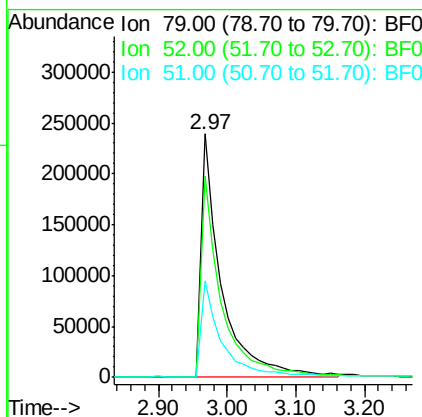
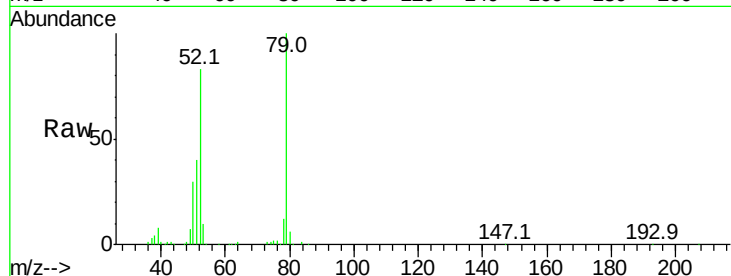
ClientSampleId :

PB88019BS

Tot Ion:	79	Resp:	488991
Ion Ratio	Lower	Upper	
79	100		
52	82.6	49.0	73.4#
51	39.7	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.12 ng

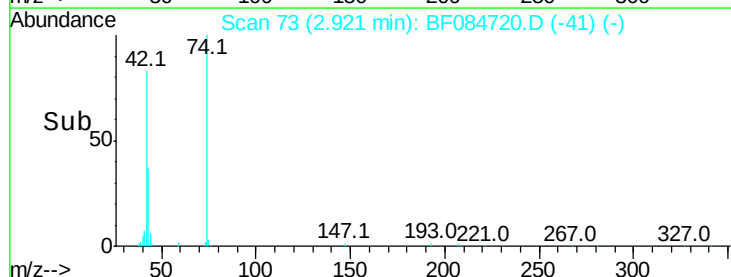
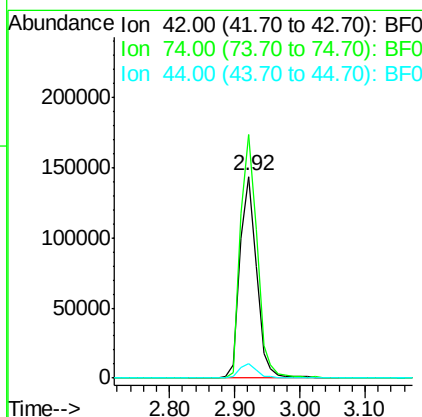
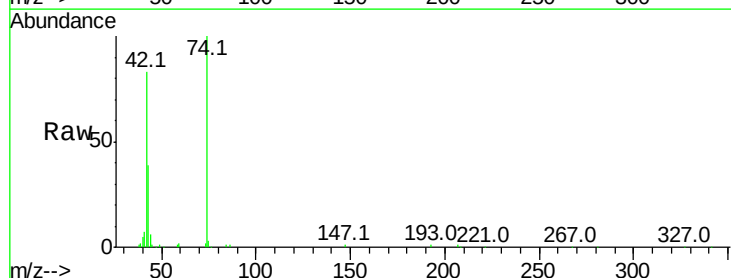
RT: 2.92 min Scan# 73

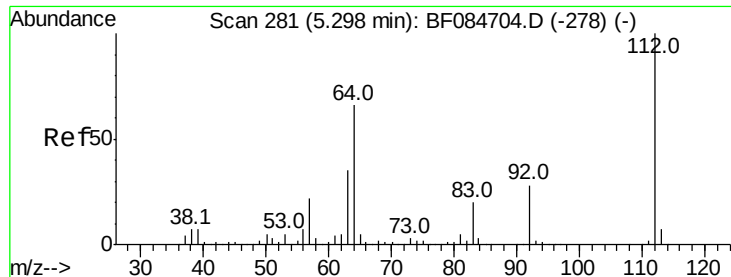
Delta R.T. 0.07 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	42	Resp:	251556
Ion Ratio	Lower	Upper	
42	100		
74	120.6	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 129.04 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:112 Resp: 1405892

Ion Ratio Lower Upper

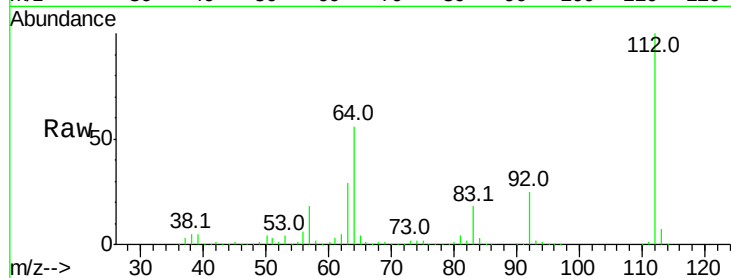
112 100

64 55.8 36.6 55.0#

63 29.2 19.4 29.0#

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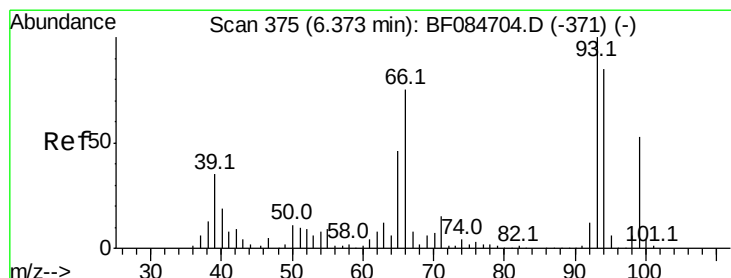
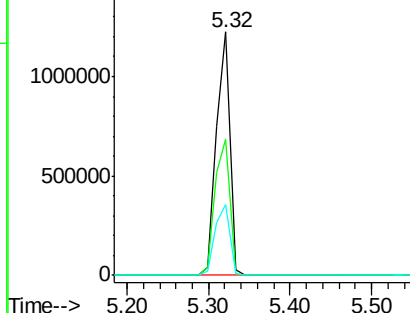
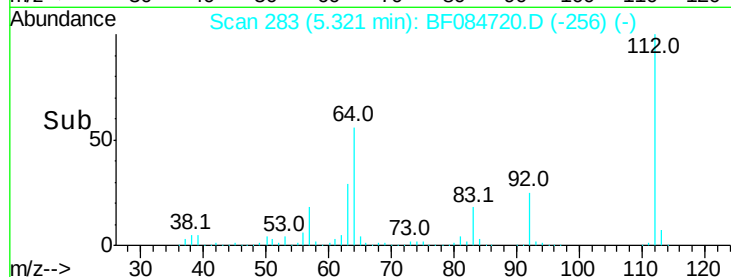
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.94 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

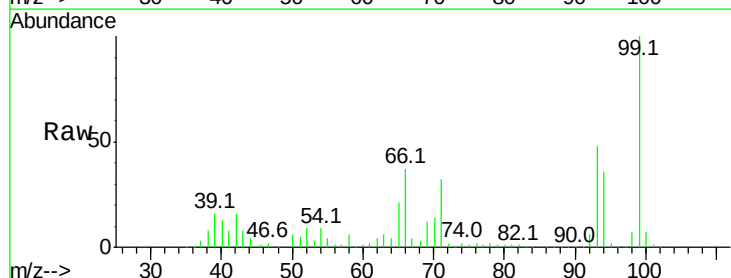
Tgt Ion: 93 Resp: 527828

Ion Ratio Lower Upper

93 100

66 78.1 44.9 67.3#

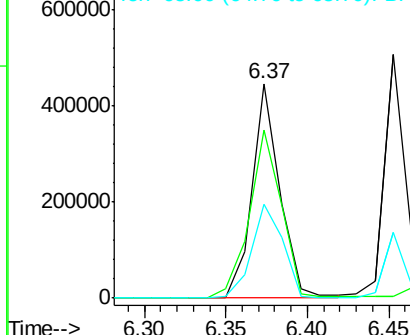
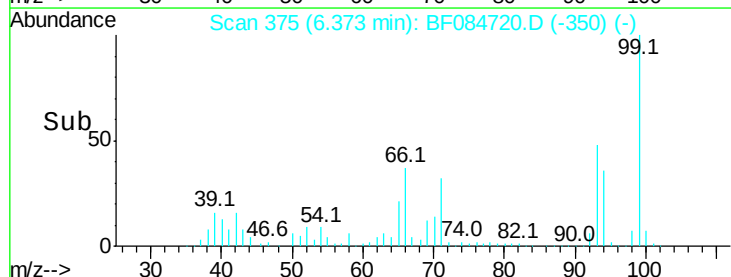
65 43.8 23.7 35.5#

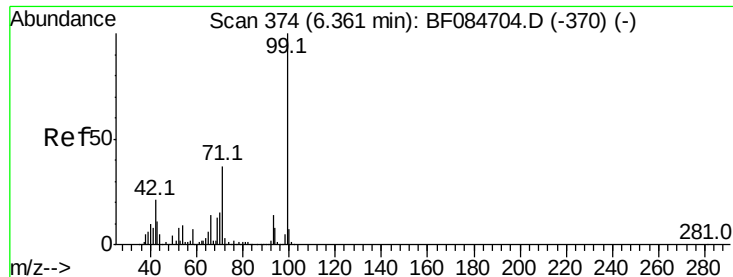


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.41 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion: 99 Resp: 1666928

Ion Ratio Lower Upper

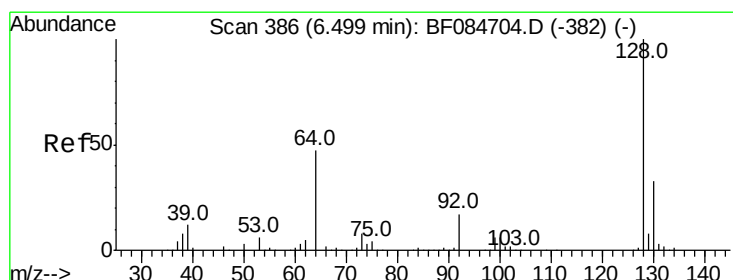
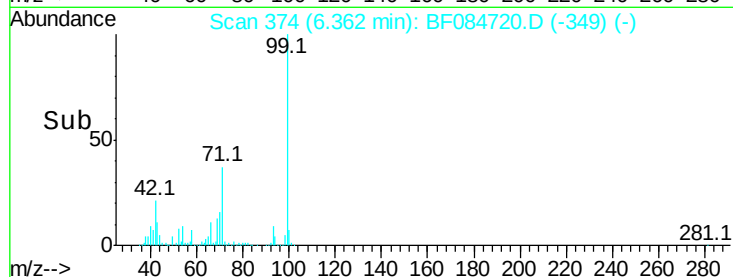
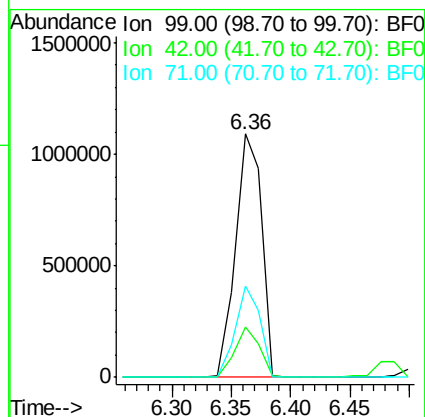
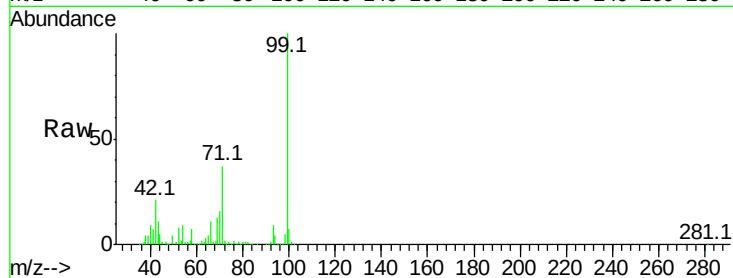
99 100

42 20.8 12.8 19.2#

71 37.4 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

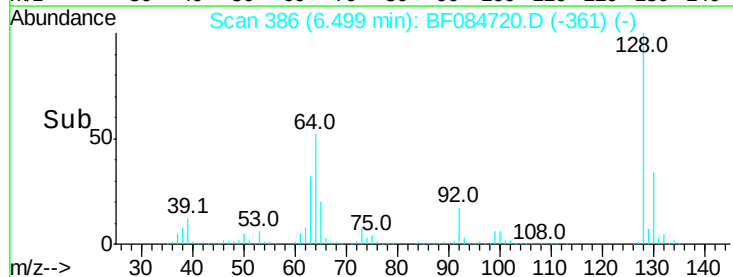
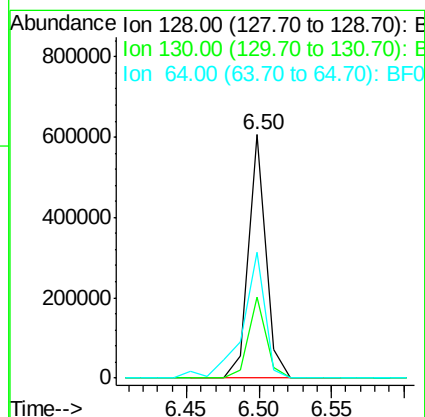
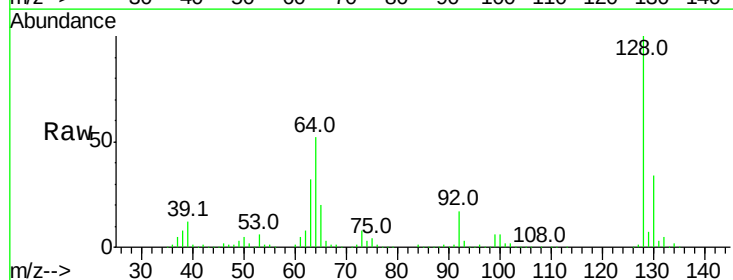
Tgt Ion:128 Resp: 504339

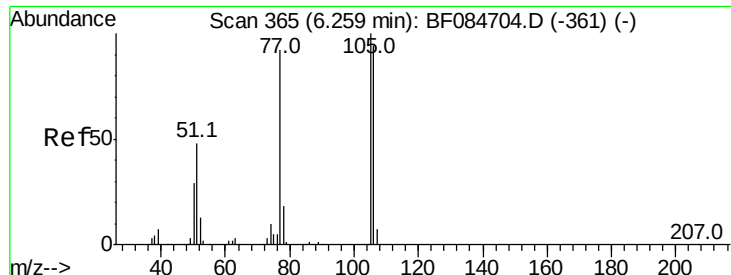
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 51.5 23.8 63.8





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

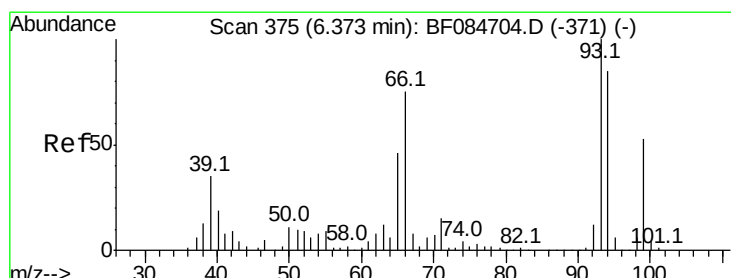
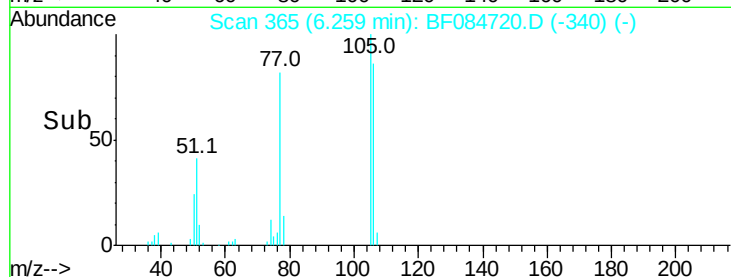
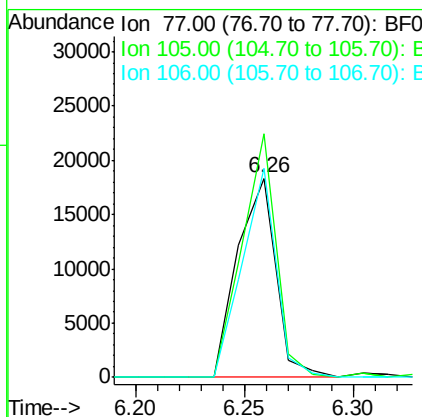
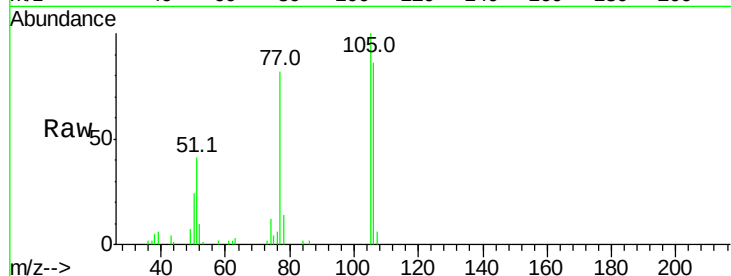
ClientSampleId :

PB88019BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	122.3	83.0	123.0
106	105.0	74.6	114.6



#10

Phenol

Concen: 37.23 ng

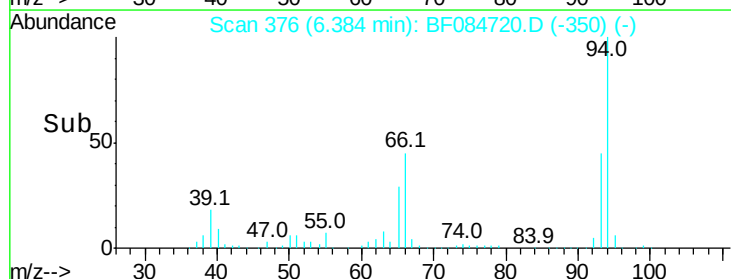
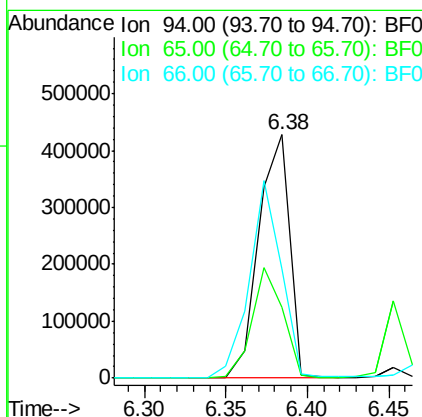
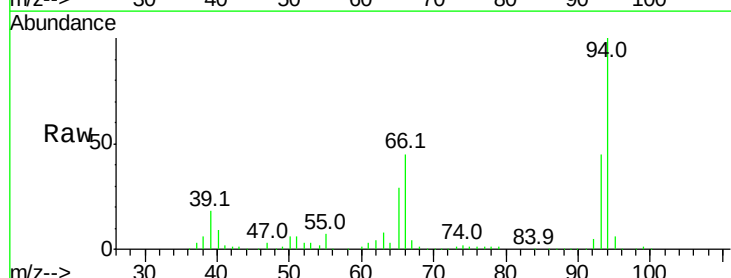
RT: 6.38 min Scan# 376

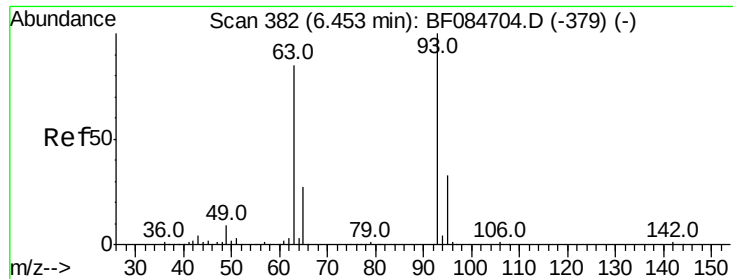
Delta R.T. -0.00 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	12.9	52.9
66	44.8	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.81 ng m

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

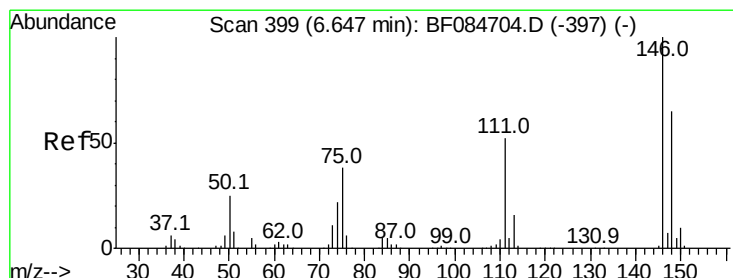
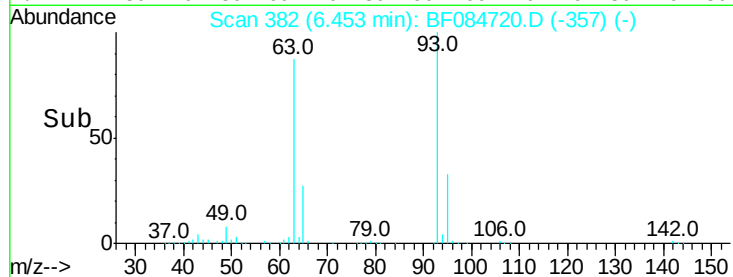
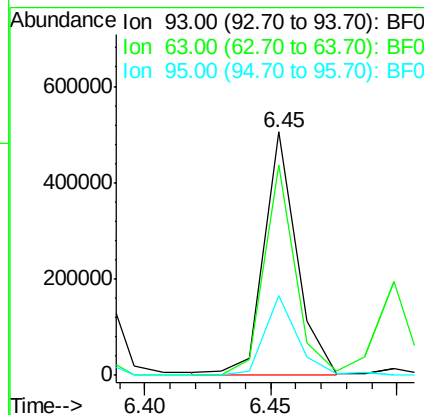
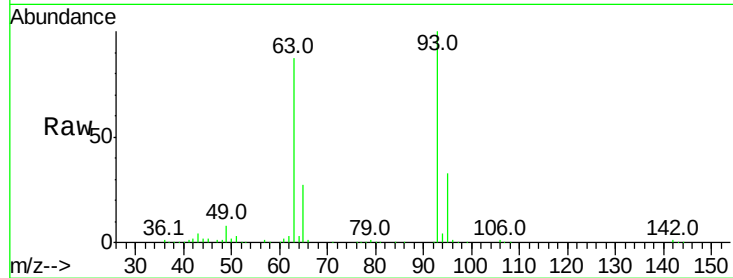
PB88019BS

Tot Ion: 93 Resp: 457950

Ion	Ratio	Lower	Upper
93	100		
63	86.5	45.9	85.9#
95	32.7	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.91 ng m

RT: 6.65 min Scan# 399

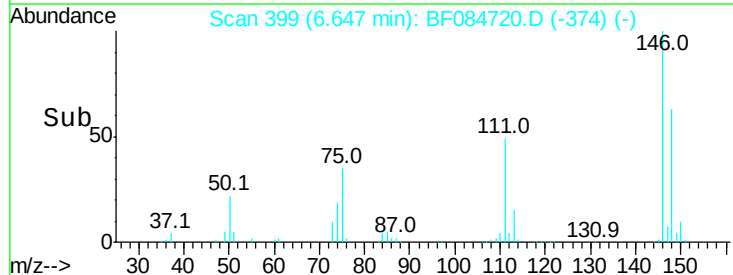
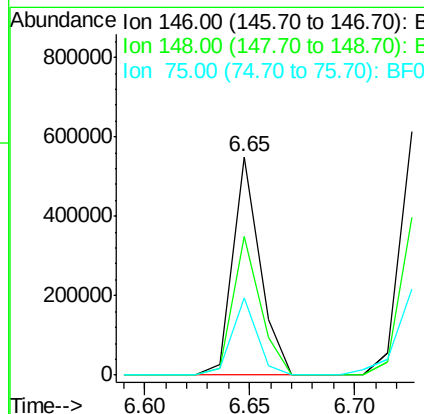
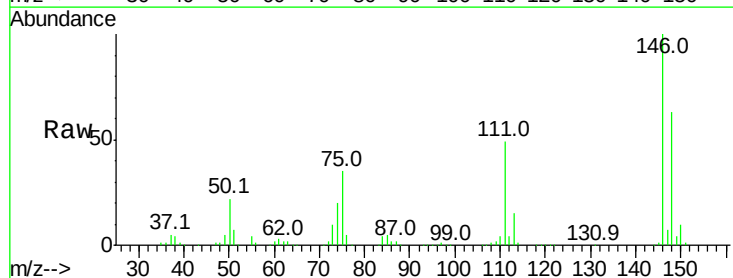
Delta R.T. -0.01 min

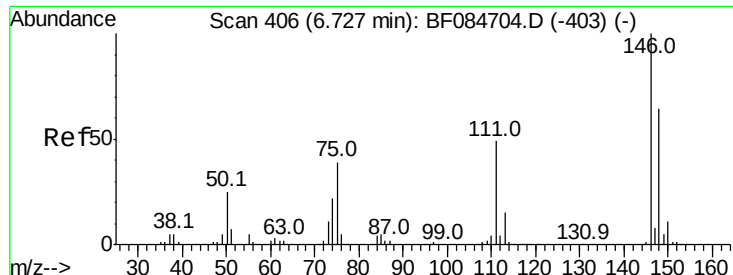
Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion: 146 Resp: 493949

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	35.2	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 39.48 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

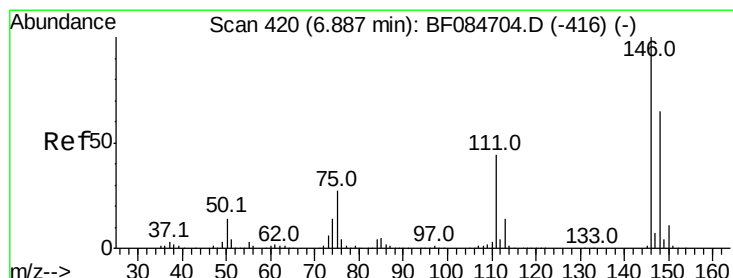
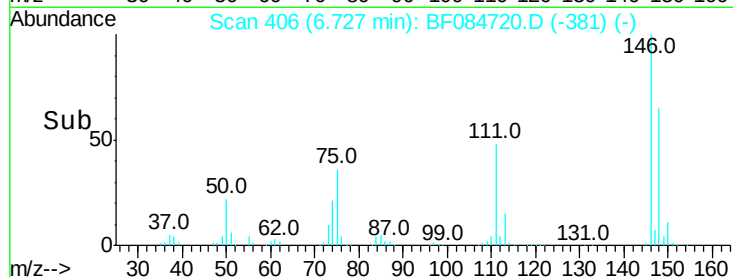
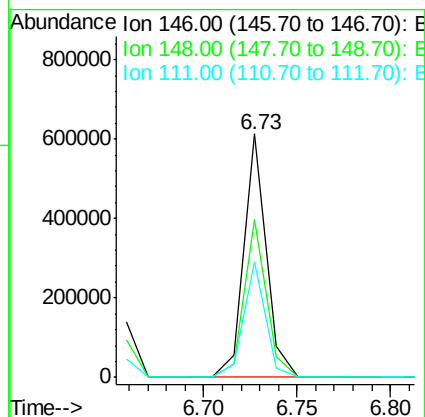
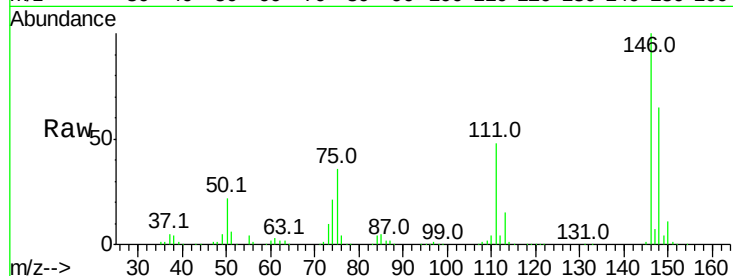
ClientSampleId :

PB88019BS

Tot Ion:	146	Resp:	514206
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
111	47.7	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.63 ng m

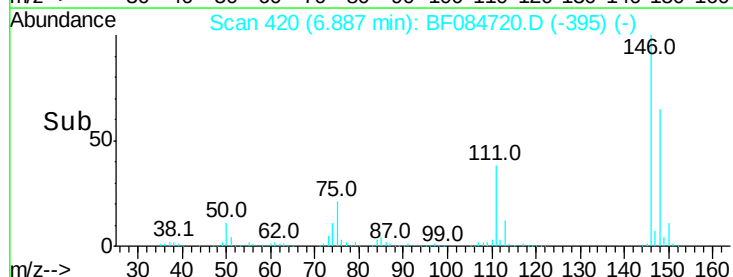
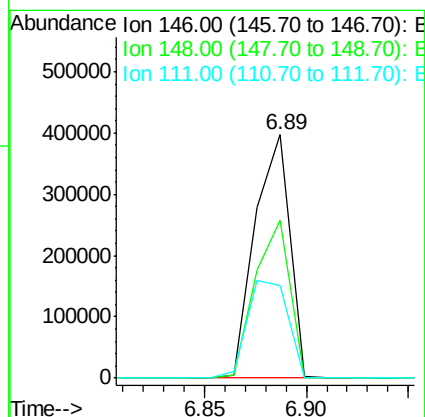
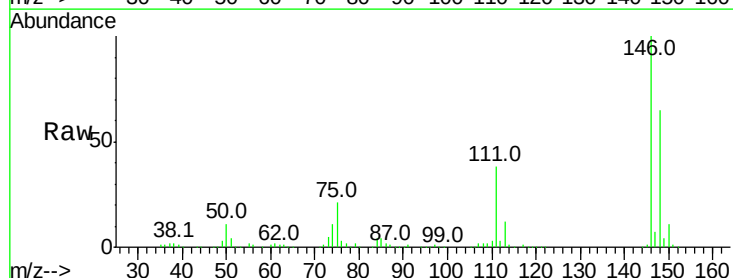
RT: 6.89 min Scan# 420

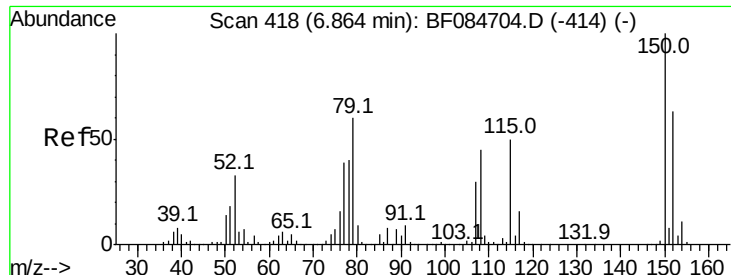
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	146	Resp:	468651
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.6	77.4
111	38.0	38.0	57.0#





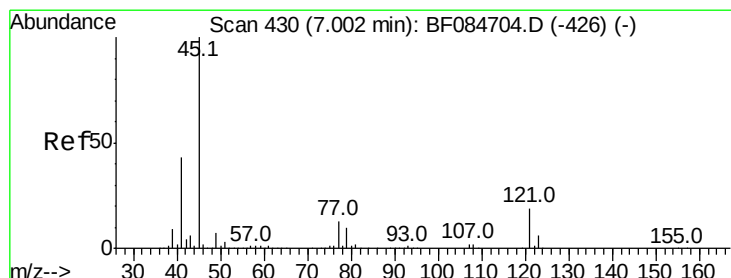
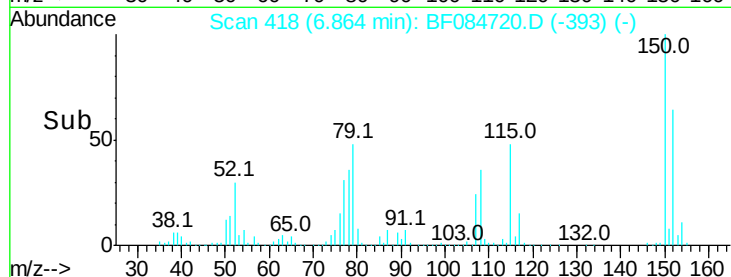
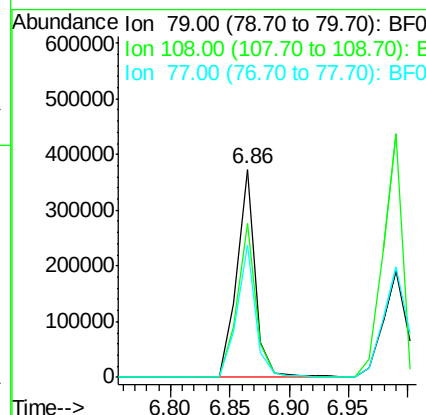
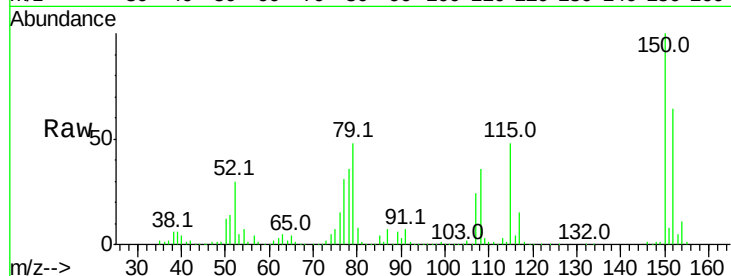
#15
Benzyl Alcohol
Concen: 43.43 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampled :
PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.9	69.0	103.4	
77	63.2	50.0	75.0	

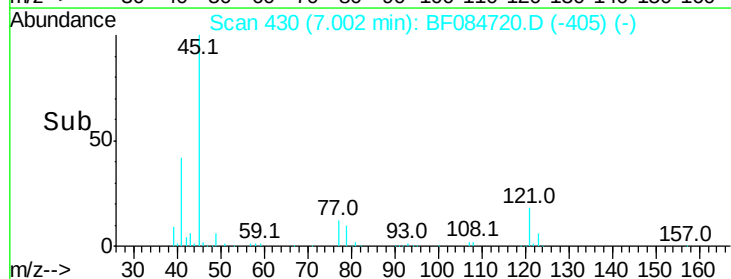
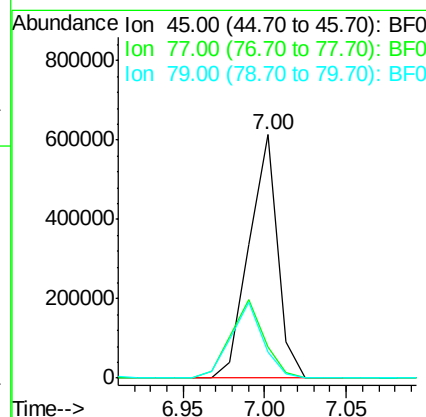
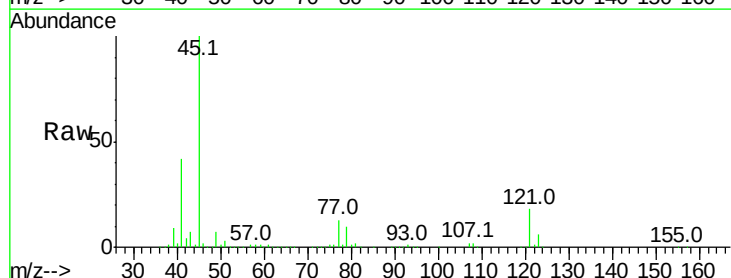
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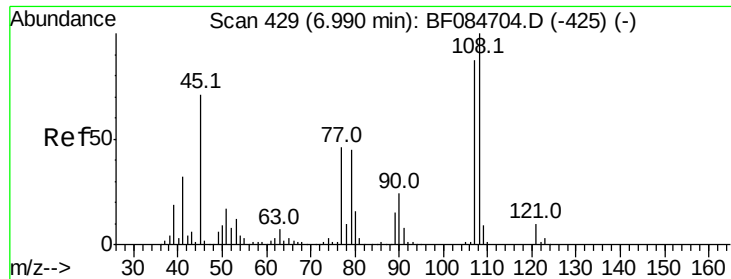
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.45 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.9	0.0	39.6	
79	10.5	0.0	35.0	





#17

2-Methylphenol

Concen: 43.73 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:107 Resp: 426461

Ion Ratio Lower Upper

107 100

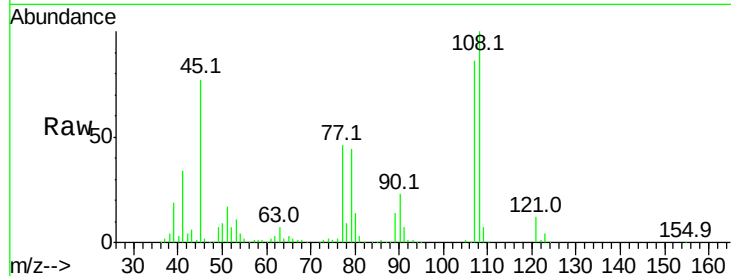
108 116.5 89.8 134.6

77 53.0 35.7 53.5

79 50.8 35.7 53.5

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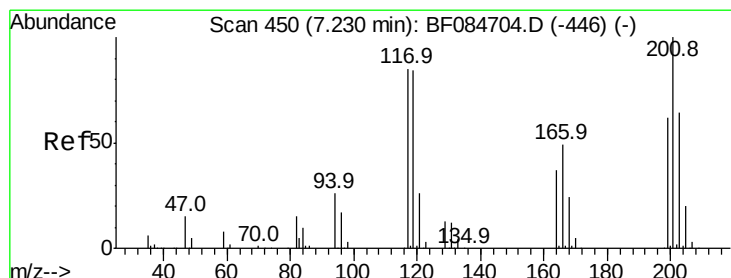
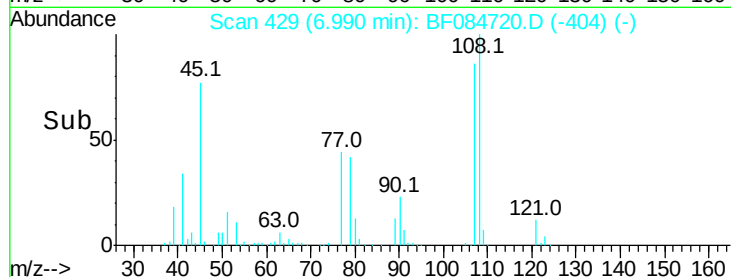
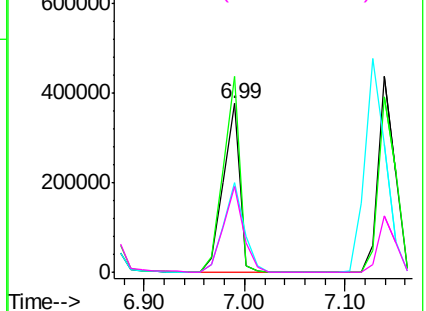


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.24 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

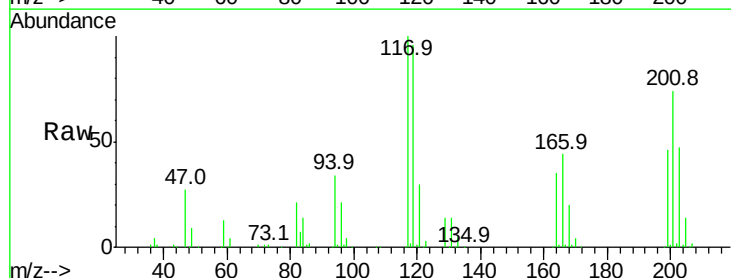
Tgt Ion:117 Resp: 196833

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

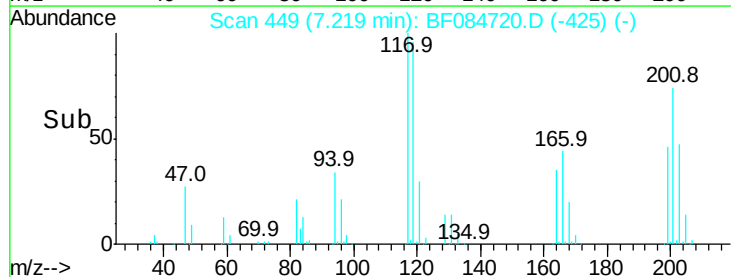
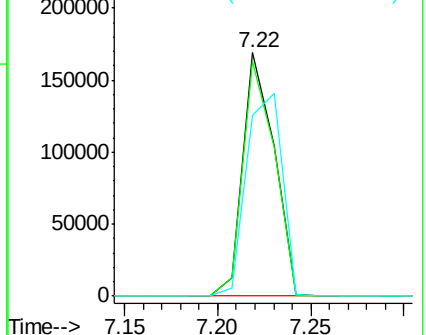
201 74.1 68.6 103.0

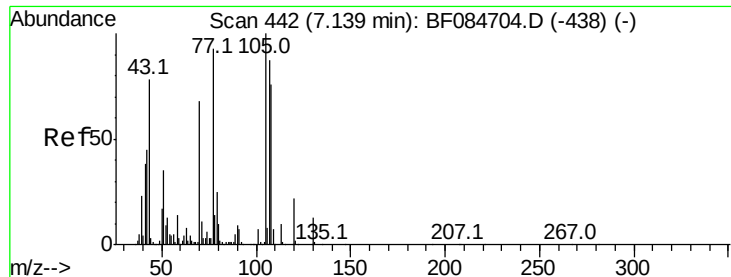


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





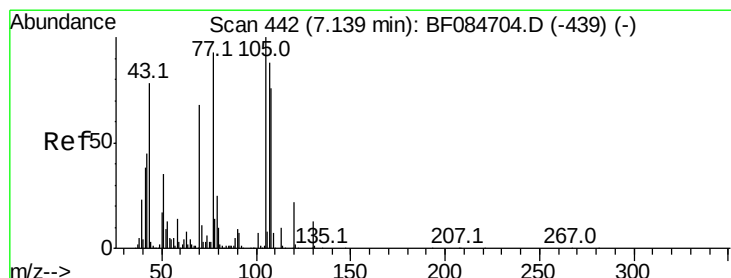
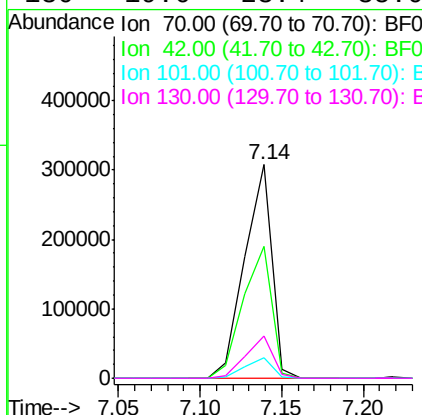
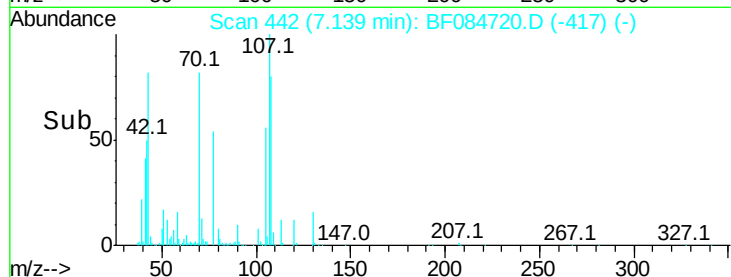
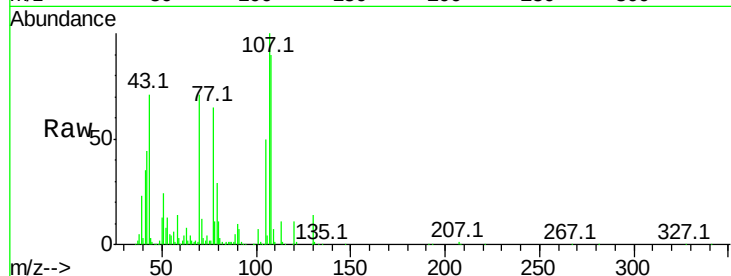
#19
n-Nitroso-di-n-propylamine
Concen: 42.06 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		356111		
42	62.0	33.3	49.9#		
101	9.4	9.3	13.9		
130	19.6	23.4	35.0#		

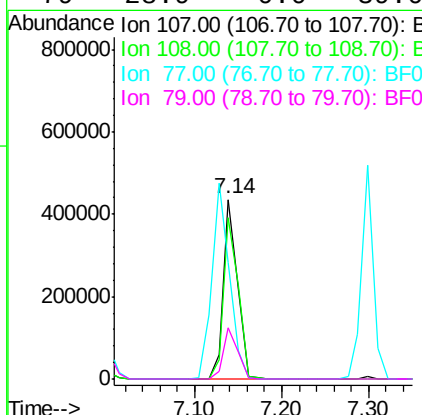
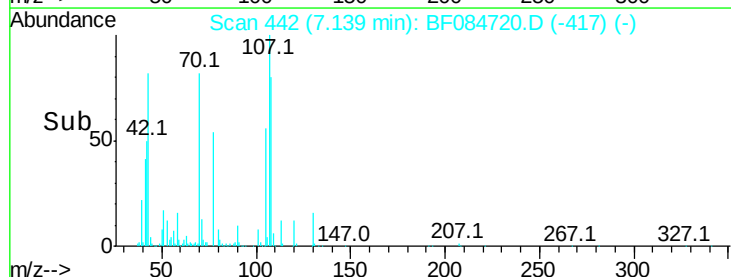
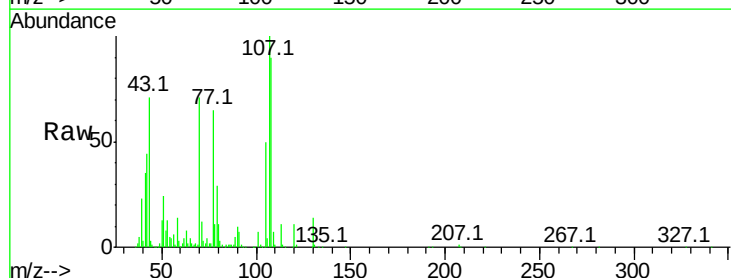
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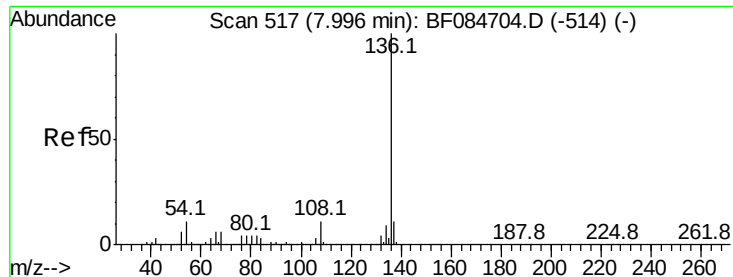
mohammad
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#20
3+4-Methylphenols
Concen: 41.24 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		499226		
108	89.8	74.6	114.6		
77	65.2	0.7	40.7#		
79	28.9	0.0	39.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

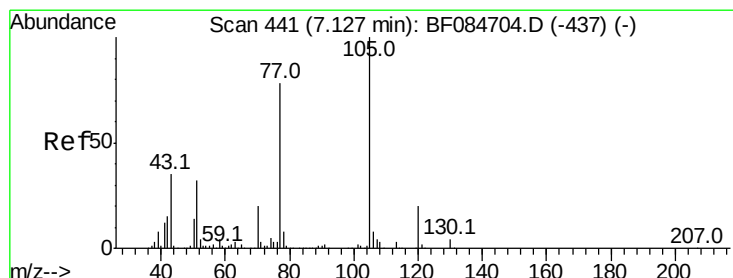
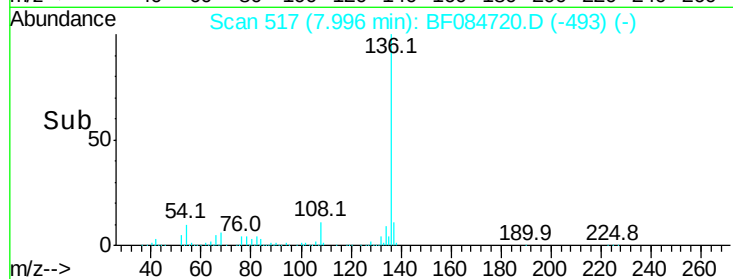
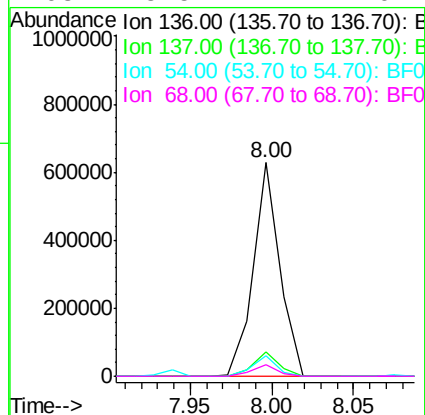
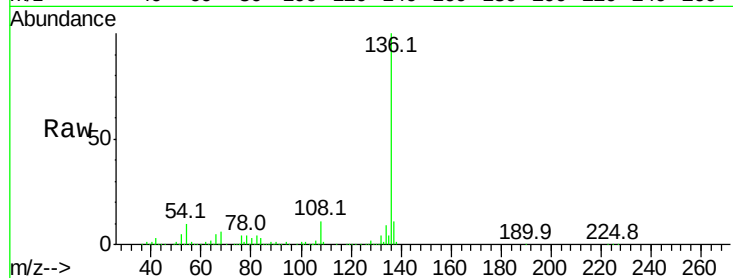
ClientSampleId :

PB88019BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.6	5.8	8.8
68	5.5	4.2	6.2

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#22

Acetophenone

Concen: 37.52 ng

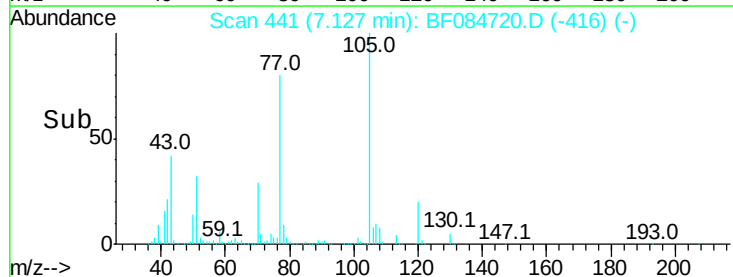
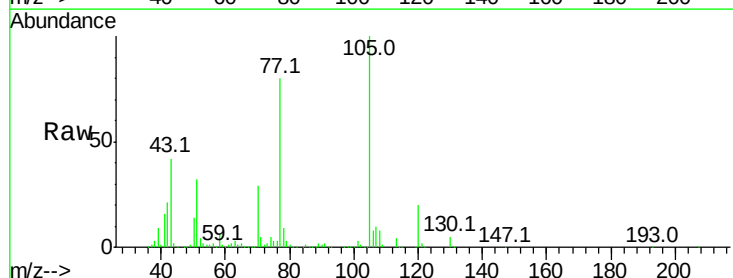
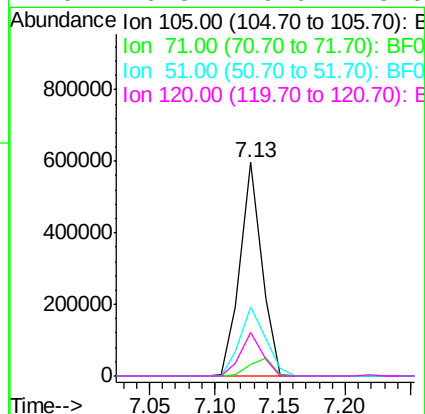
RT: 7.13 min Scan# 441

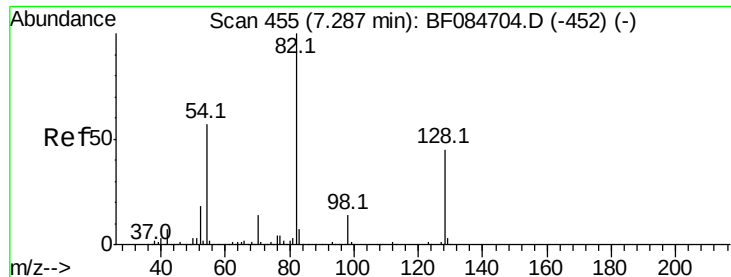
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.3	3.7	5.5
51	32.3	25.1	37.7
120	20.3	16.6	25.0





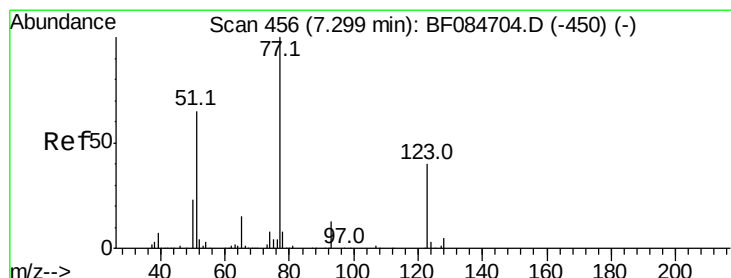
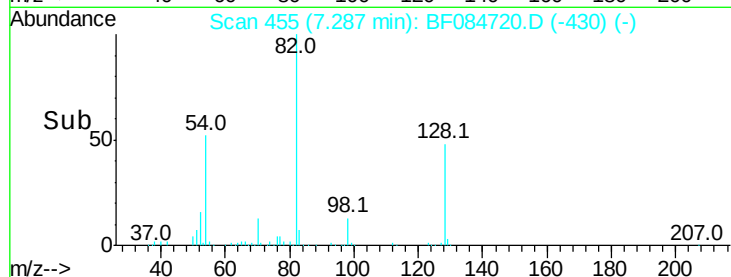
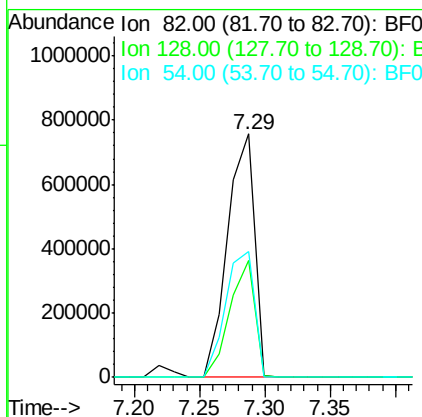
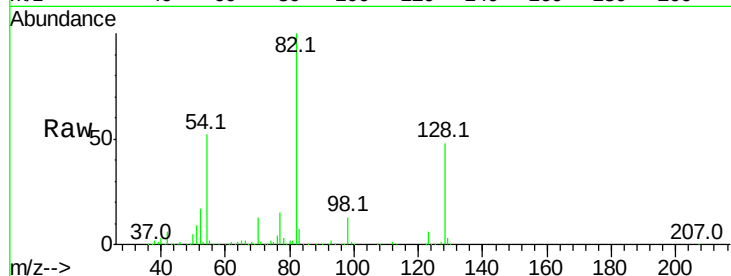
#23
Nitrobenzene-d5
Concen: 86.91 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampled :
PB88019BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.6	51.8
54	51.6	38.4	57.6

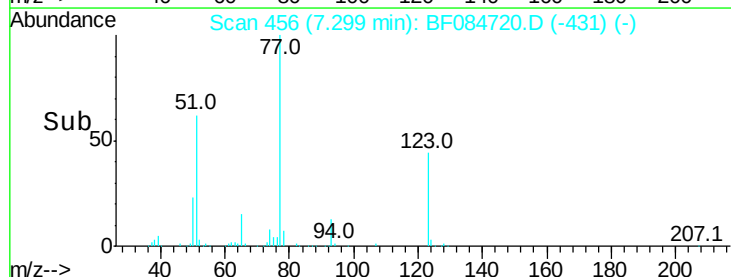
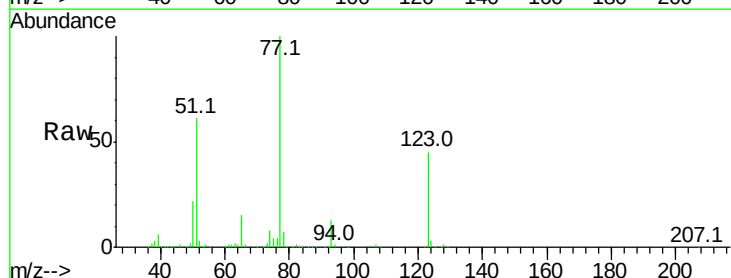
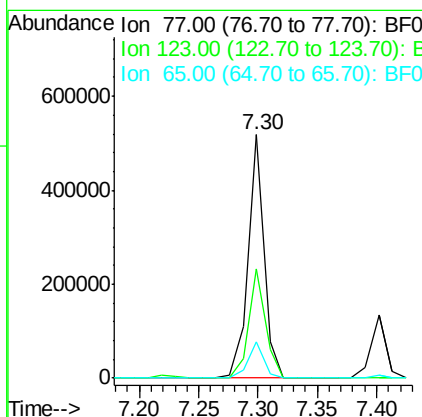
Manual Integrations
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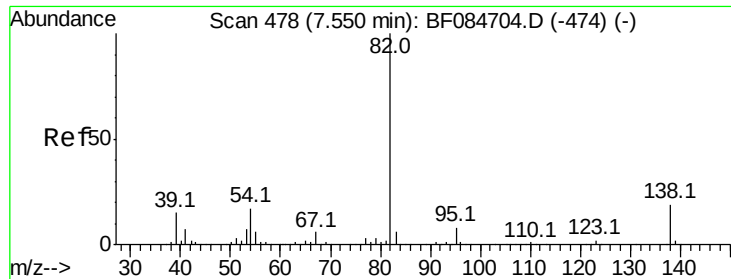
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#24
Nitrobenzene
Concen: 36.64 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 40.14 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

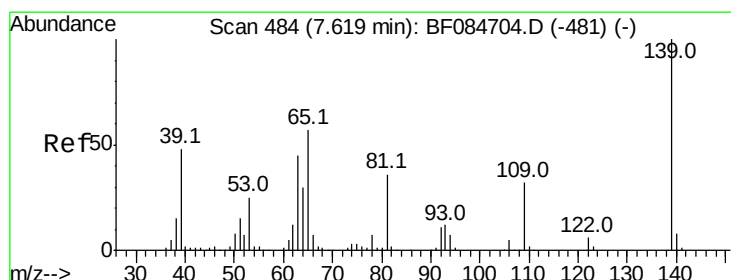
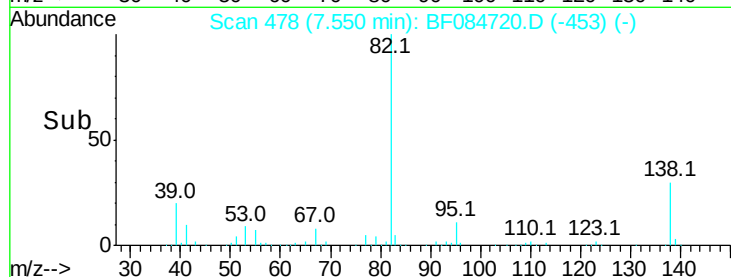
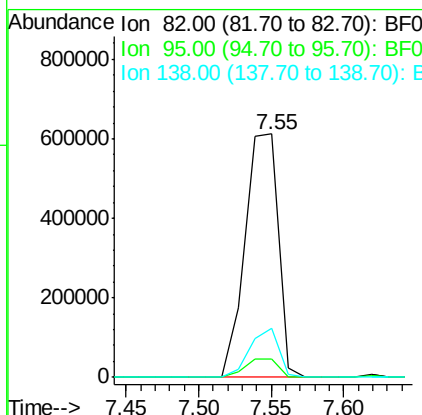
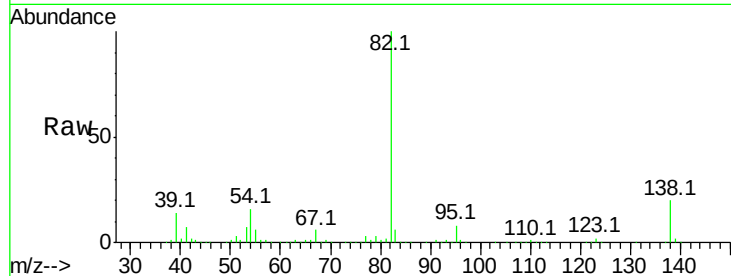
ClientSampleId :

PB88019BS

Tot Ion:	82	Resp:	973973
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	20.2	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.35 ng

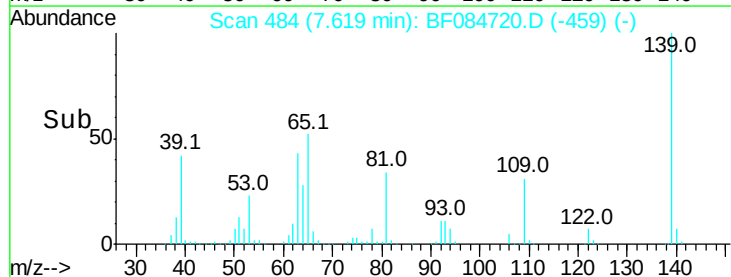
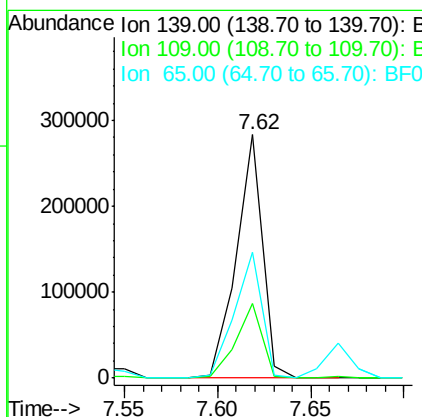
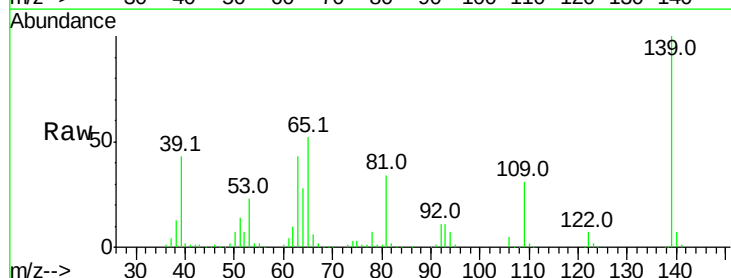
RT: 7.62 min Scan# 484

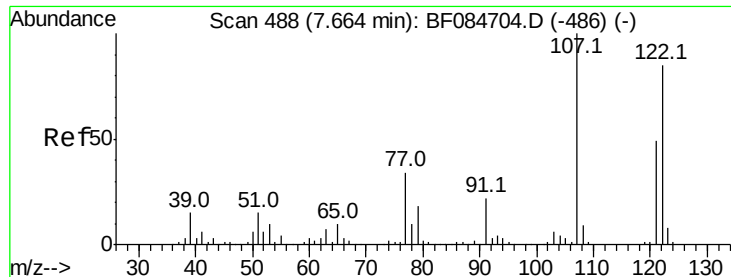
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	139	Resp:	279091
Ion Ratio	Lower	Upper	
139	100		
109	30.6	25.4	38.2
65	51.6	32.3	48.5#





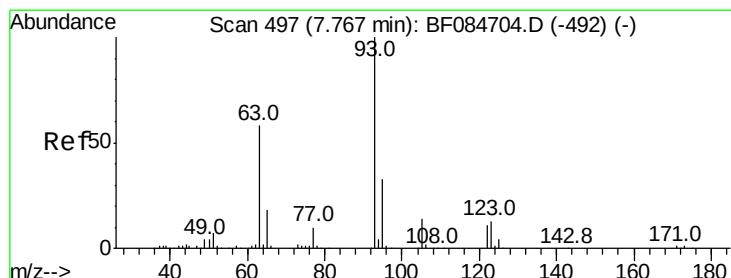
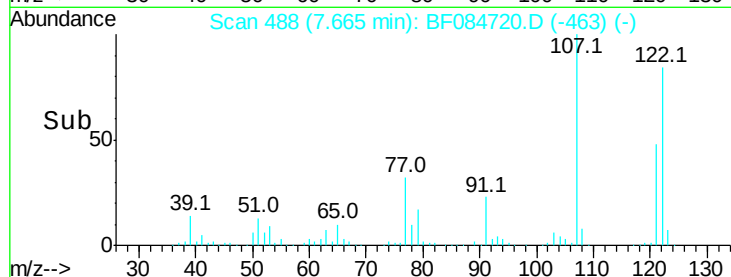
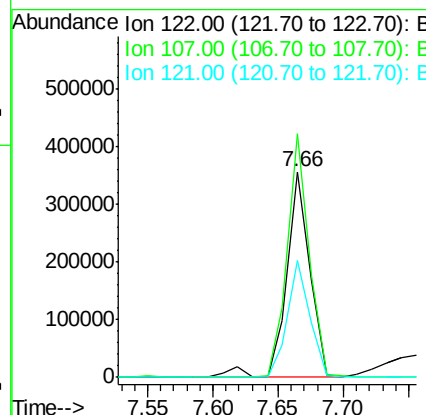
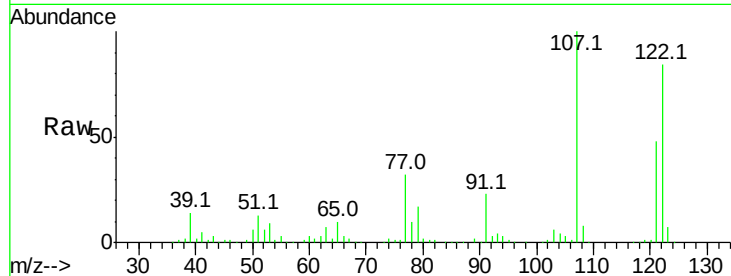
#27
 2,4-Dimethylphenol
 Concen: 39.31 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampled :
 PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	450577		
107	118.5	99.1	148.7	
121	56.8	47.9	71.9	

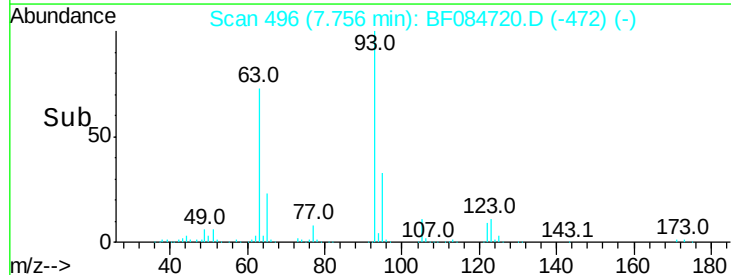
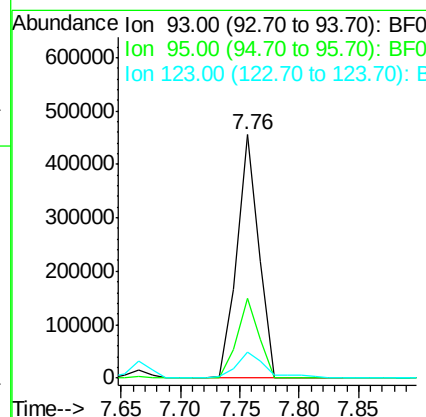
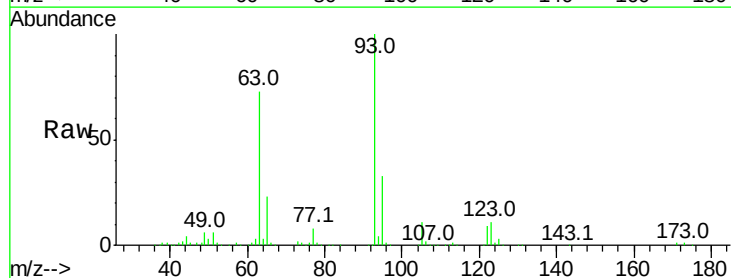
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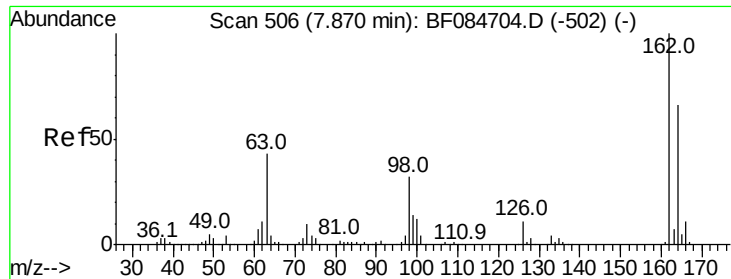
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.34 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	580651		
95	32.5	25.8	38.6	
123	10.5	8.6	12.8	





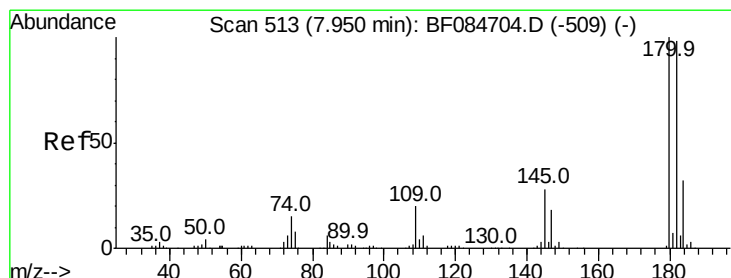
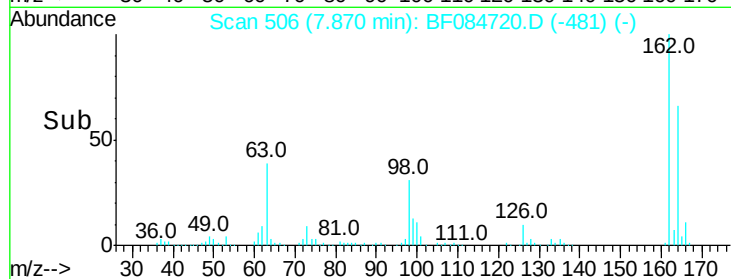
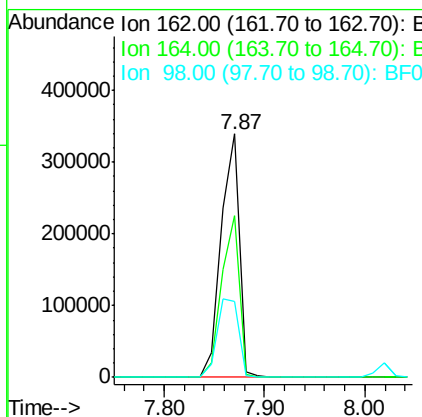
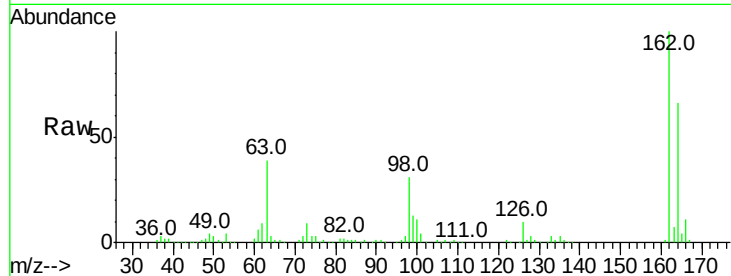
#29
 2,4-Dichlorophenol
 Concen: 43.47 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	426343		
164	66.3	44.1	84.1	
98	31.0	20.2	60.2	

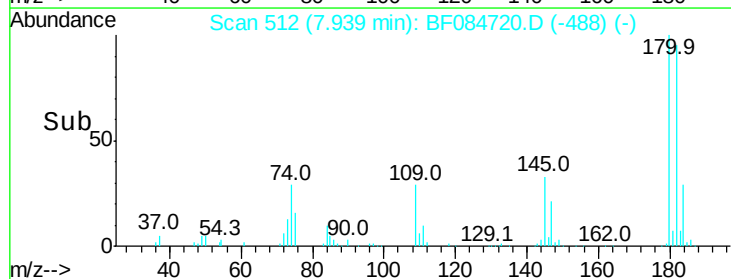
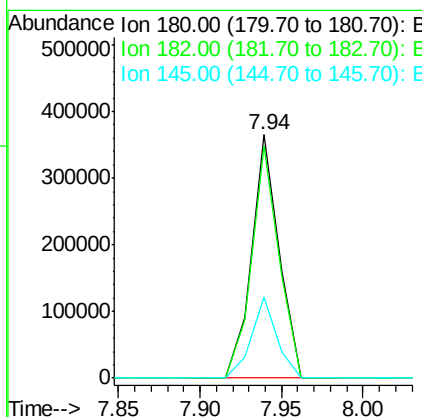
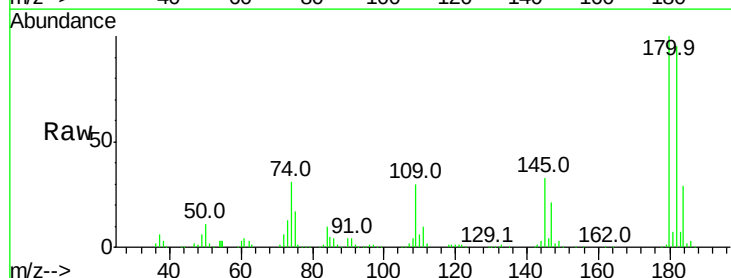
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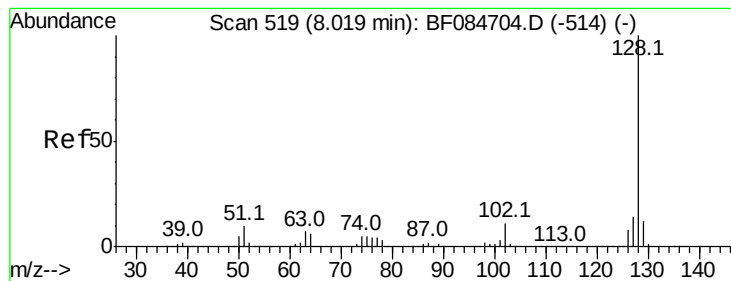
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.27 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	423905		
182	95.1	76.4	114.6	
145	33.4	31.6	47.4	





#31

Naphthalene

Concen: 38.28 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:128 Resp: 1349597

Ion Ratio Lower Upper

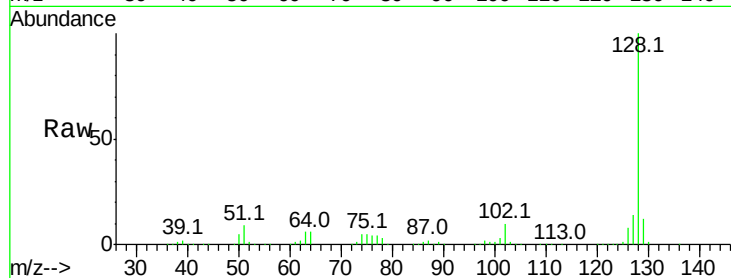
128 100

129 11.9 9.1 13.7

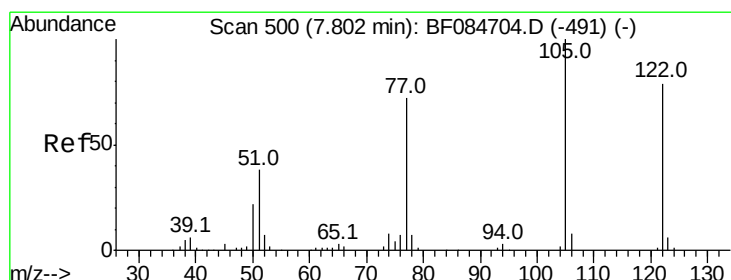
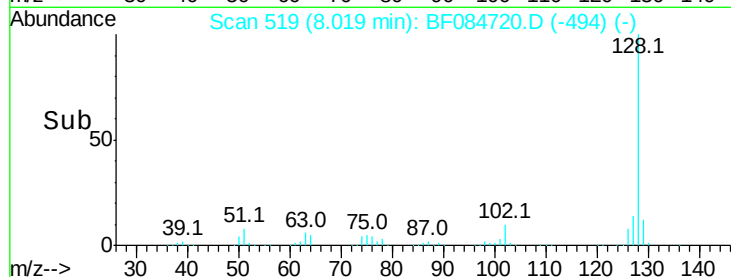
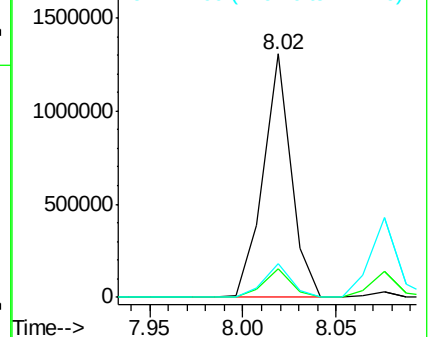
127 13.9 11.1 16.7

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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: 40.28 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

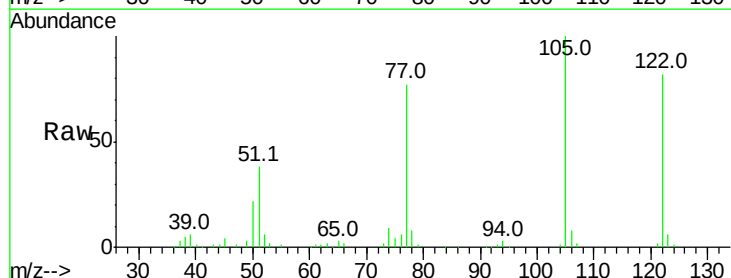
Tgt Ion:122 Resp: 295330

Ion Ratio Lower Upper

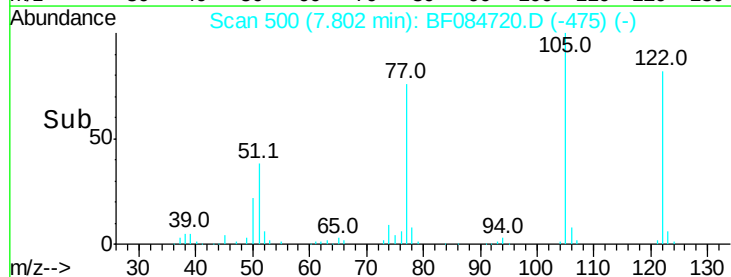
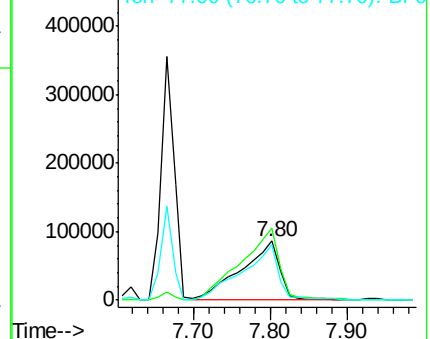
122 100

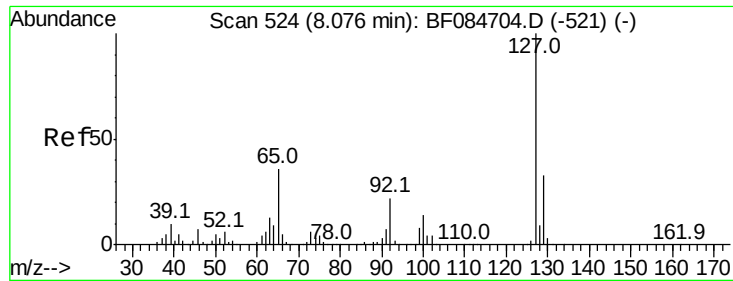
105 122.1 100.3 140.3

77 93.8 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





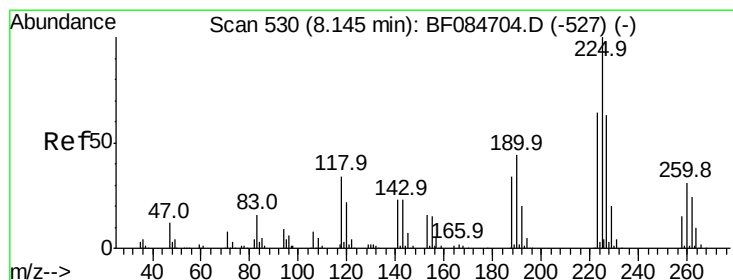
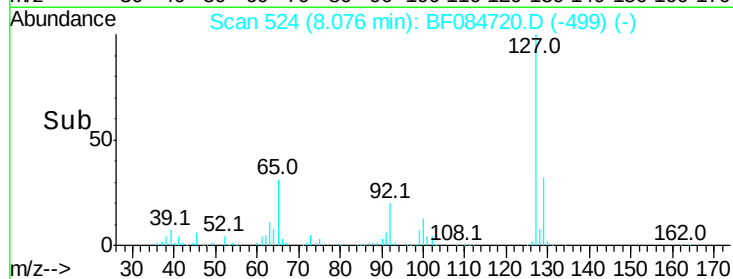
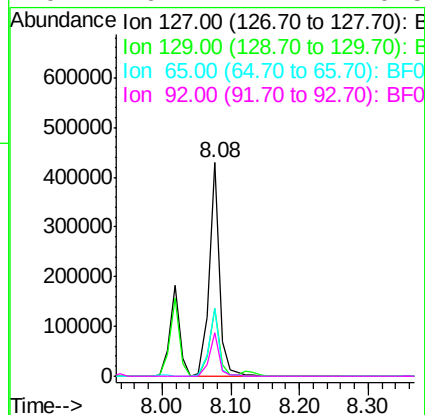
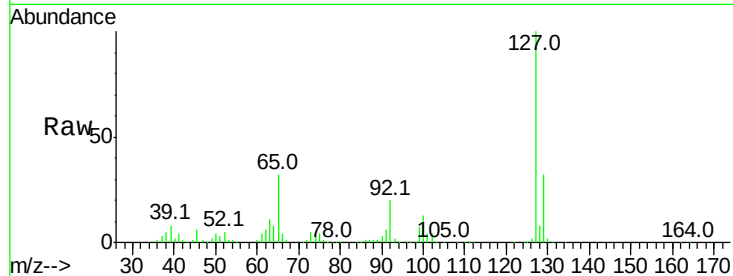
#33
4-Chloroaniline
Concen: 30.83 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.5	39.7		
65	31.7	27.2	40.8		
92	20.4	17.7	26.5		

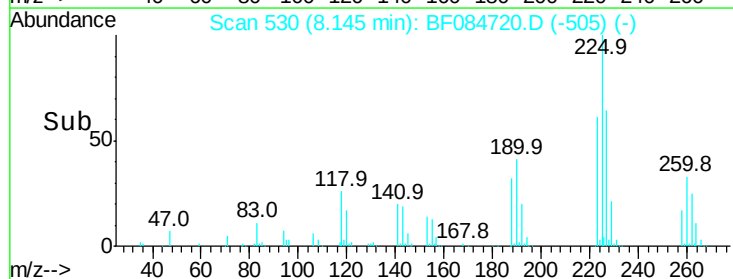
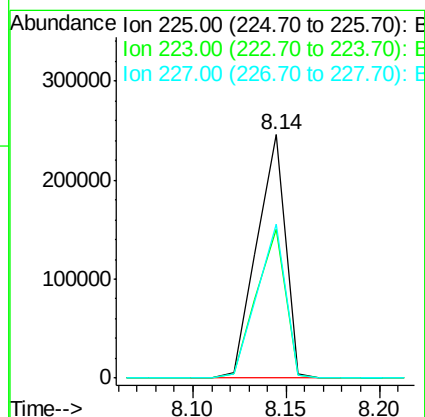
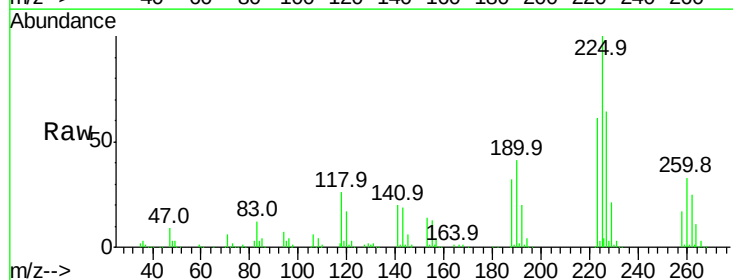
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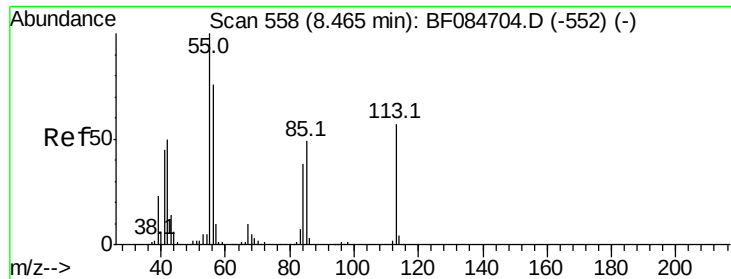
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#34
Hexachlorobutadiene
Concen: 40.91 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	49.4	74.0		
227	63.5	50.8	76.2		





#35

Caprolactam

Concen: 44.68 ng/ml

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

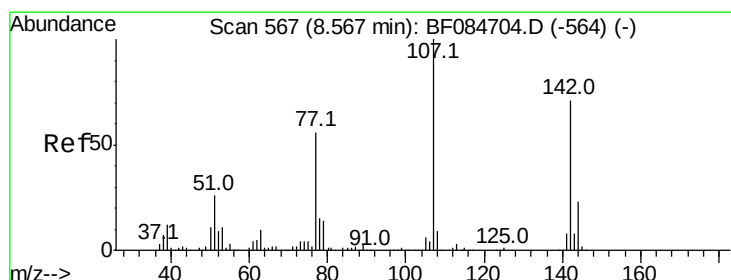
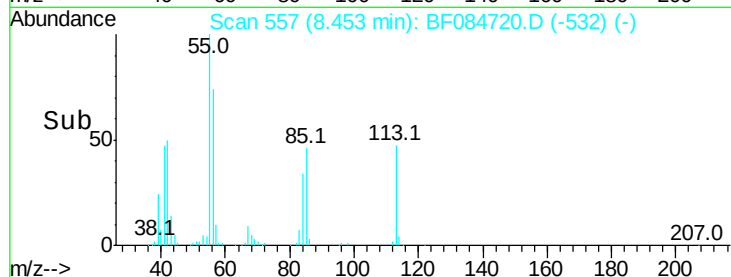
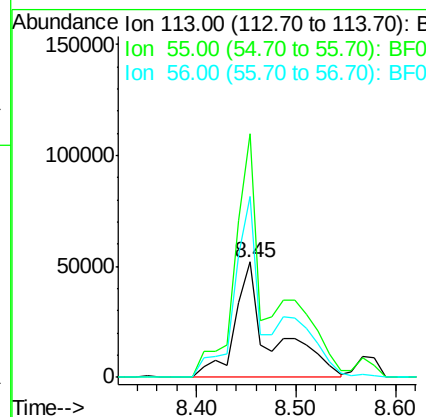
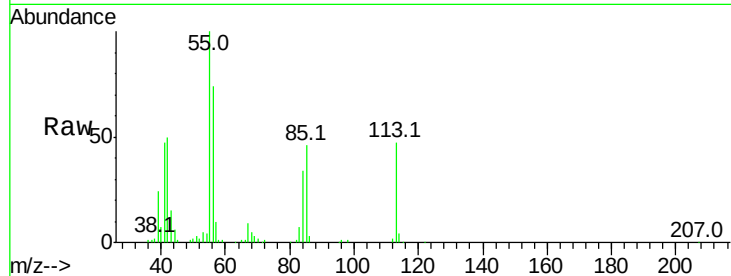
ClientSampleID :

PB88019BS

Tot Ion:	113	Resp:	135065
Ion Ratio	Lower	Upper	
113	100		
55	211.1	116.9	156.9#
56	157.1	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 41.82 ng/ml

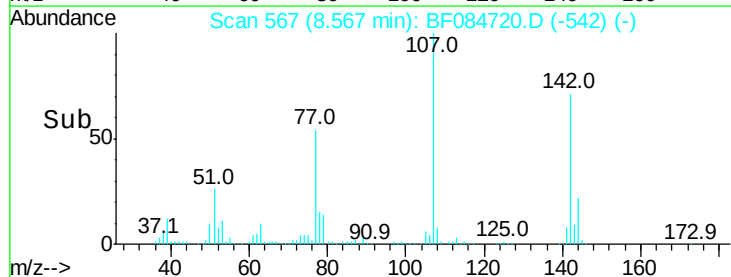
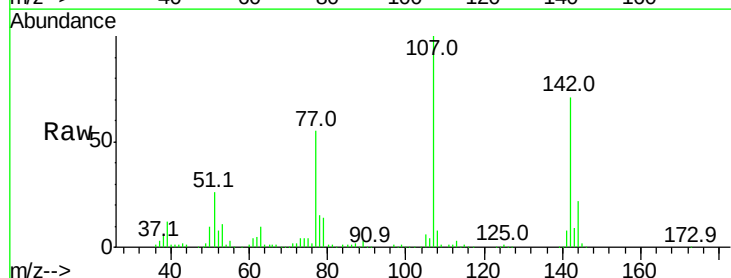
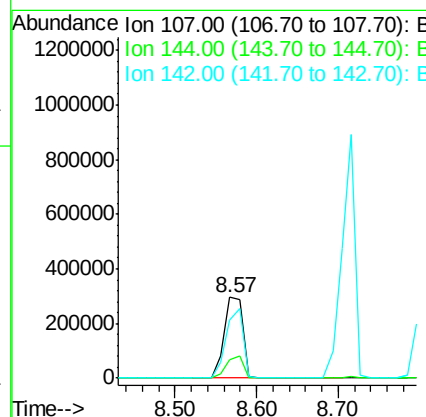
RT: 8.57 min Scan# 567

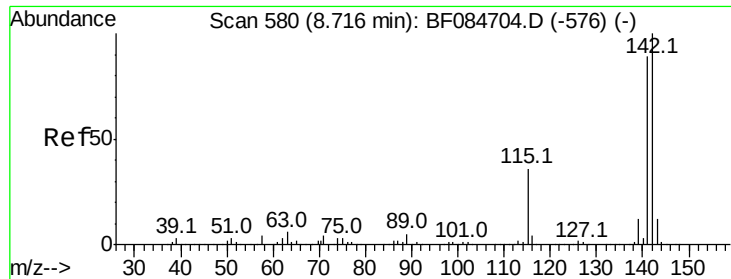
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	107	Resp:	467860
Ion Ratio	Lower	Upper	
107	100		
144	22.2	19.7	29.5
142	71.1	61.8	92.6





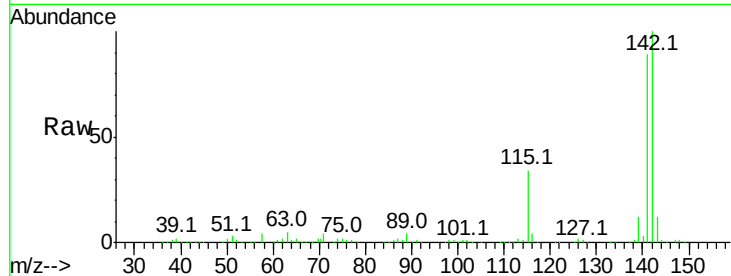
#37
2-Methylnaphthalene
Concen: 45.99 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

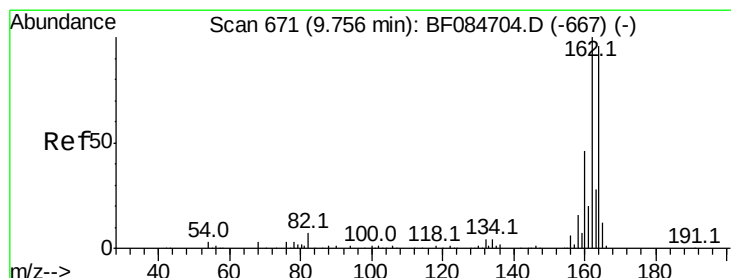
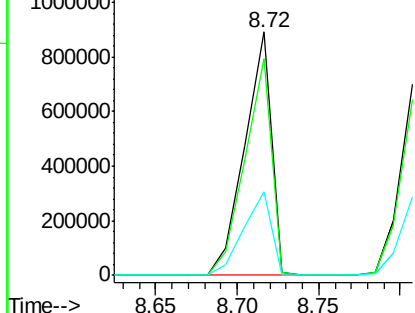
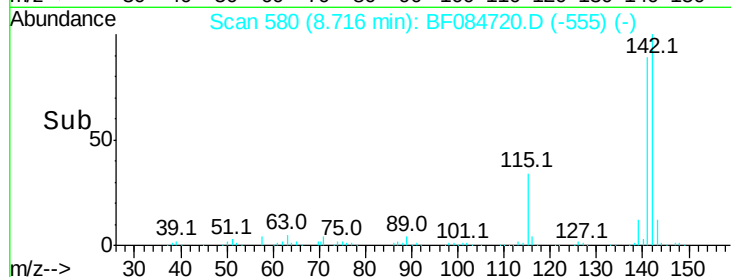
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	34.5	27.9	41.9

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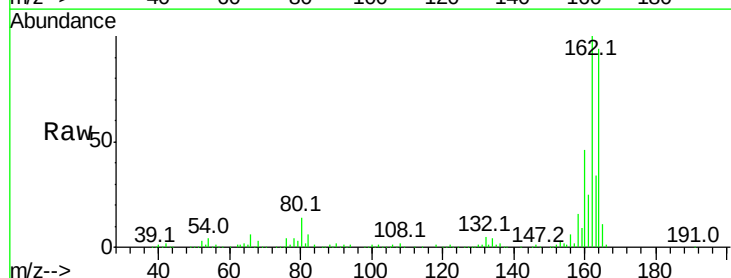


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

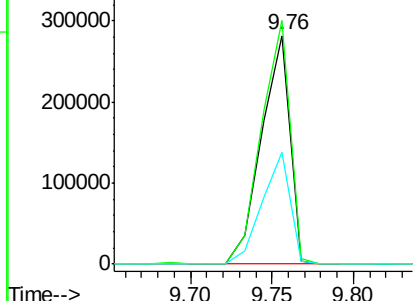
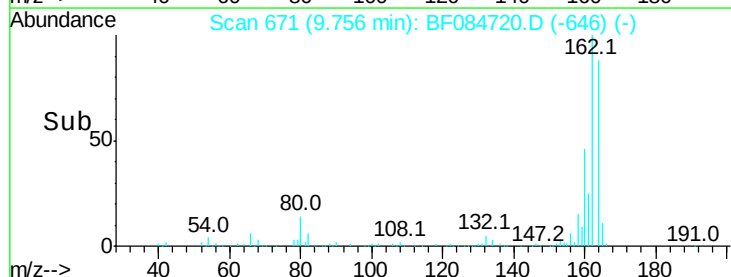


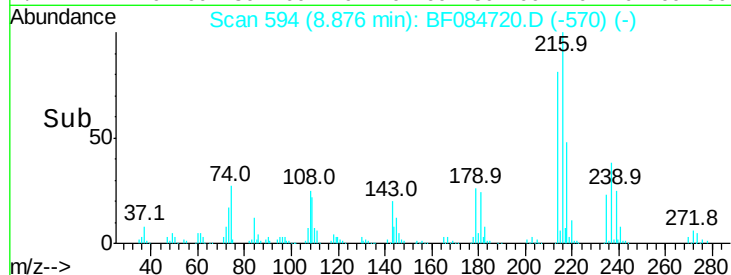
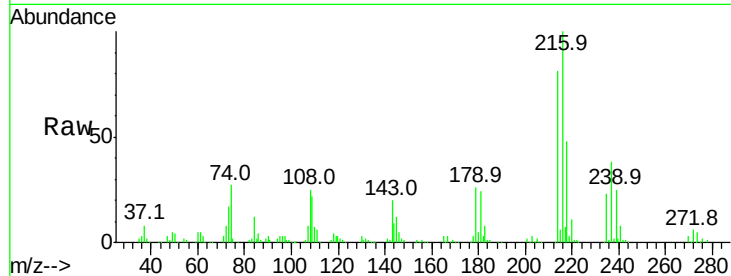
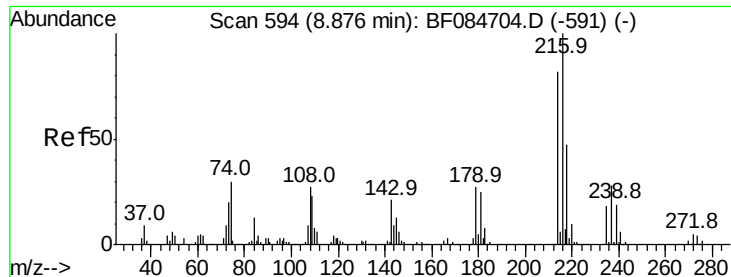
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	48.9	37.5	56.3



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





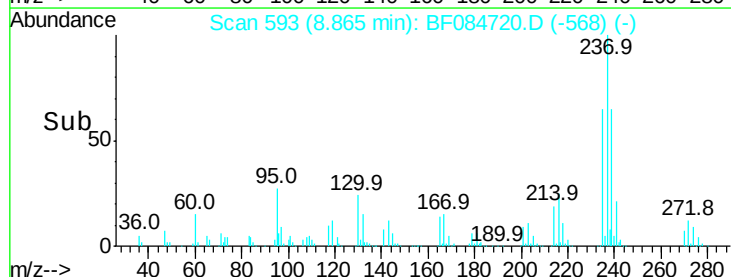
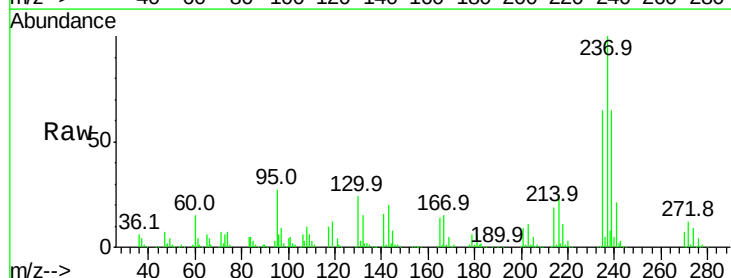
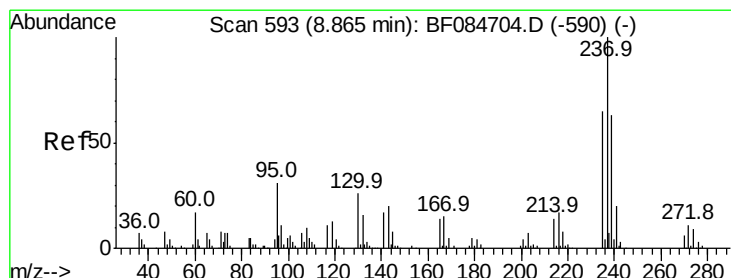
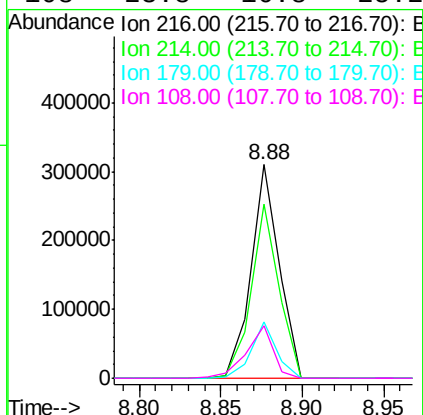
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.04 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

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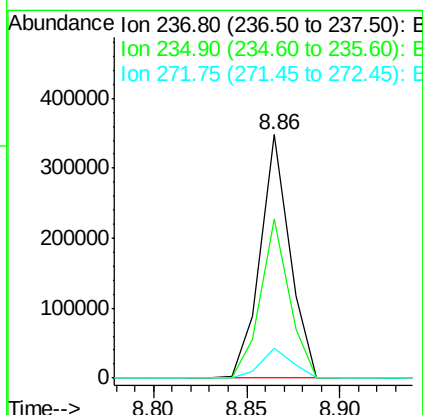
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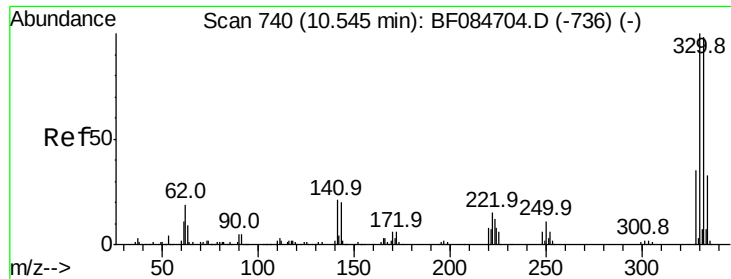
Tot Ion	Ratio	Resp	Lower	Upper
216	100	371189		
214	79.9	64.2	96.2	
179	23.7	18.7	28.1	
108	23.8	16.8	25.2	



#40
Hexachlorocyclopentadiene
Concen: 79.47 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	381520		
235	65.2	43.1	83.1	
272	12.3	0.0	35.1	





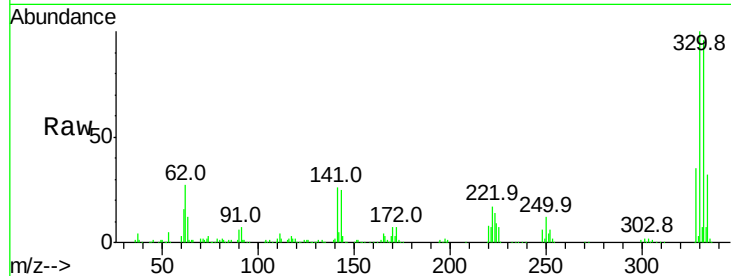
#41
 2,4,6-Tribromophenol
 Concen: 128.97 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

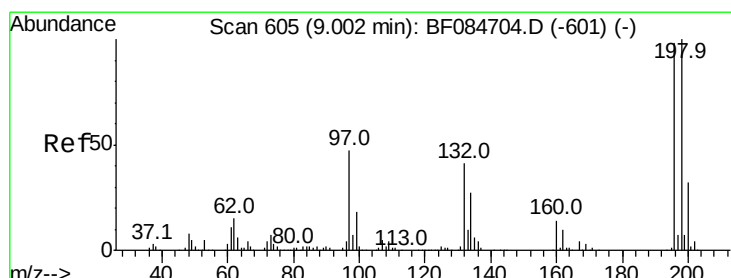
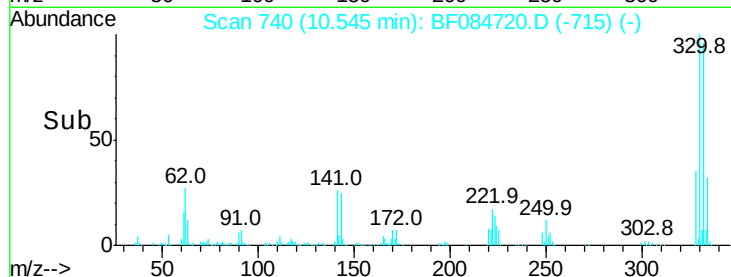
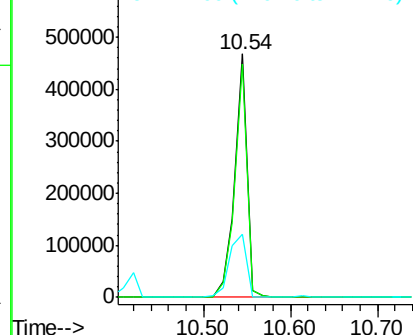
Tot Ion	Ratio	Resp	Lower	Upper
330	100	461871		
332	95.9	76.6	114.8	
141	36.4	27.8	41.6	

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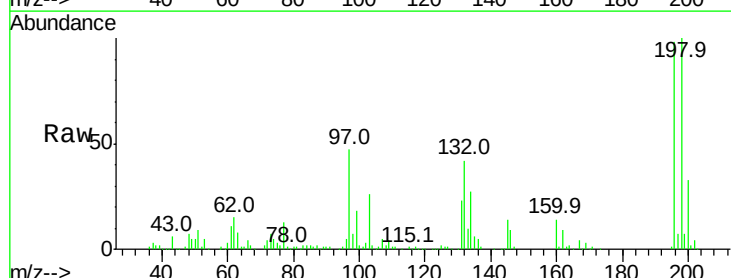


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

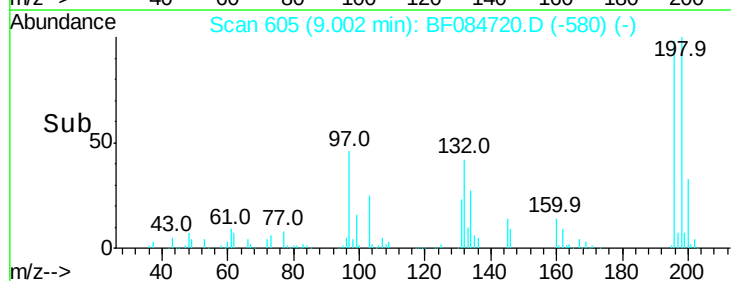
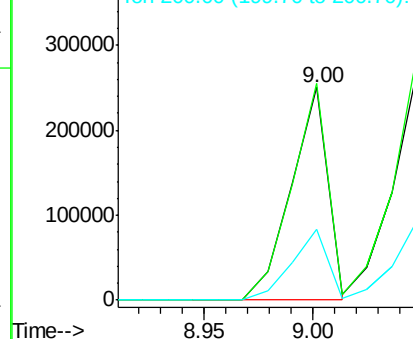


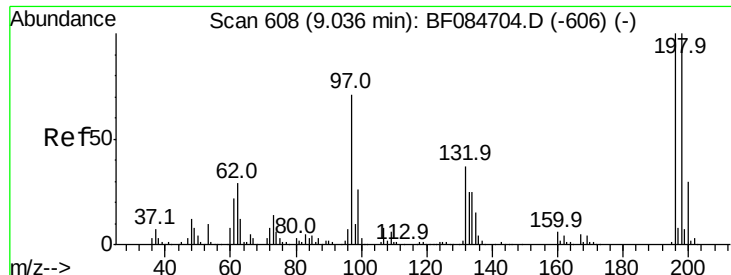
#42
 2,4,6-Trichlorophenol
 Concen: 41.93 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294534		
198	102.1	77.7	116.5	
200	33.3	24.6	37.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





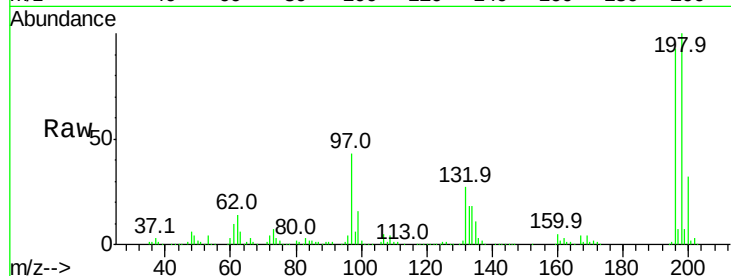
#43
 2,4,5-Trichlorophenol
 Concen: 42.94 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

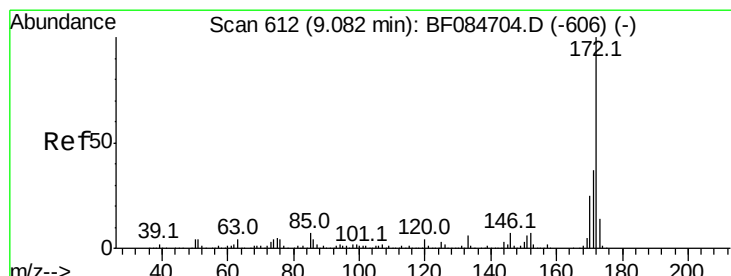
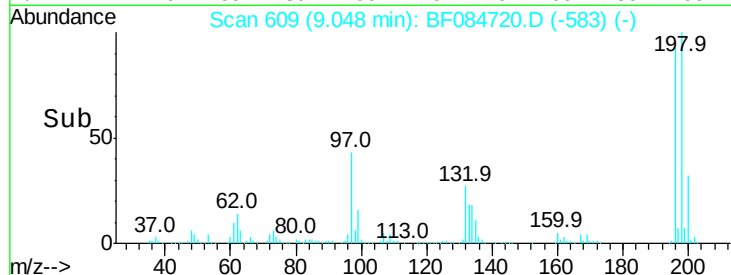
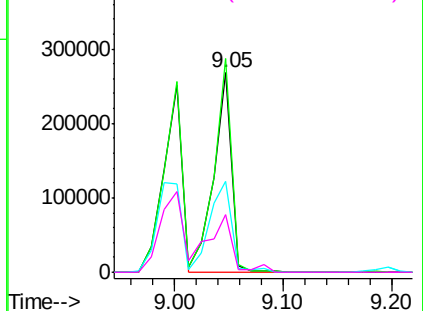
Tot Ion	196	Resp	306522
Ion Ratio	Lower	Upper	
196	100		
198	107.0	79.0	118.6
97	45.7	33.0	49.6
132	29.1	21.1	31.7

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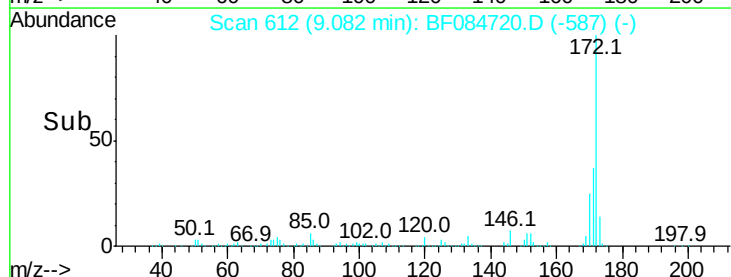
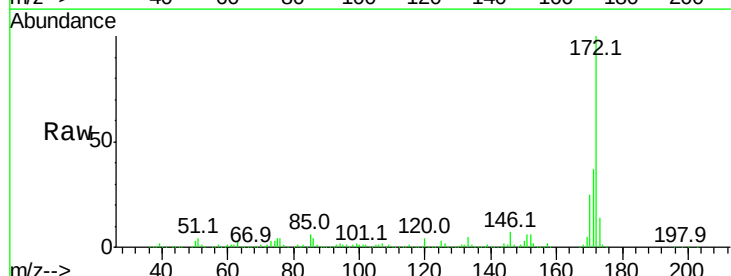
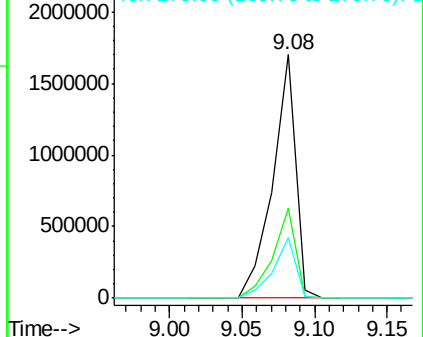
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

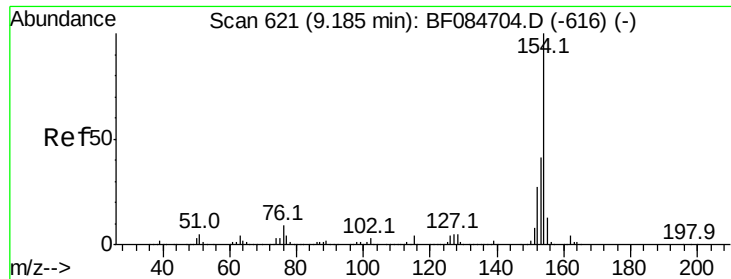


#44
 2-Fluorobiphenyl
 Concen: 95.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	172	Resp	1866941
Ion Ratio	Lower	Upper	
172	100		
171	37.1	28.9	43.3
170	24.8	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





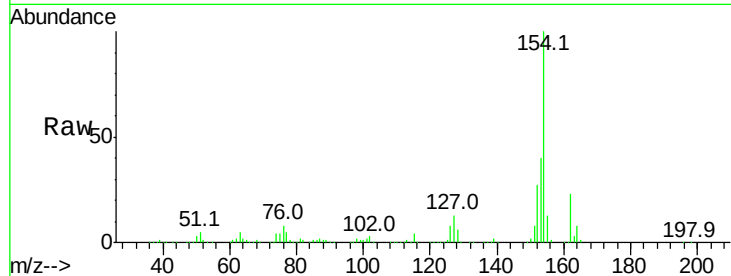
#45
 1,1'-Biphenyl
 Concen: 37.11 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

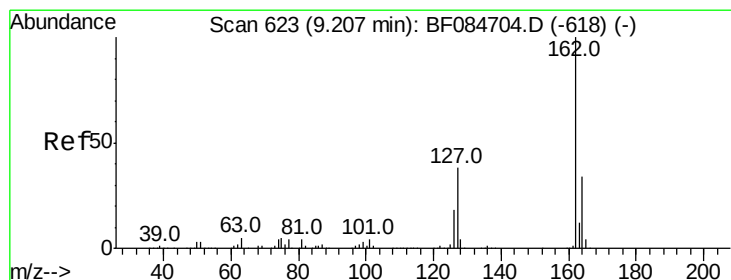
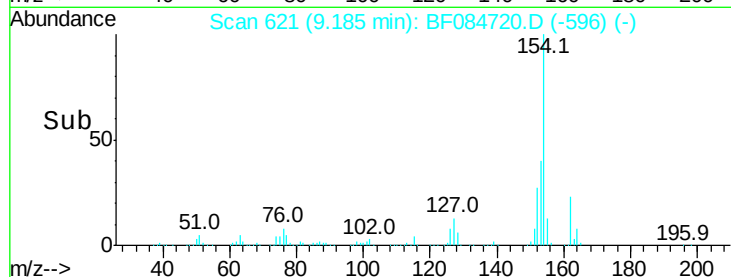
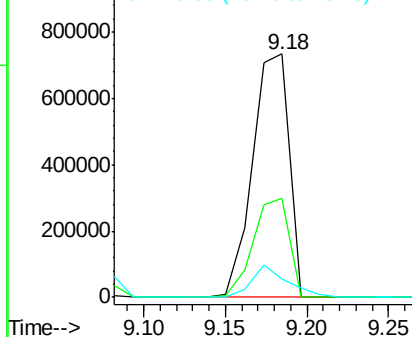
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.6	61.6
76	7.6	0.0	32.7

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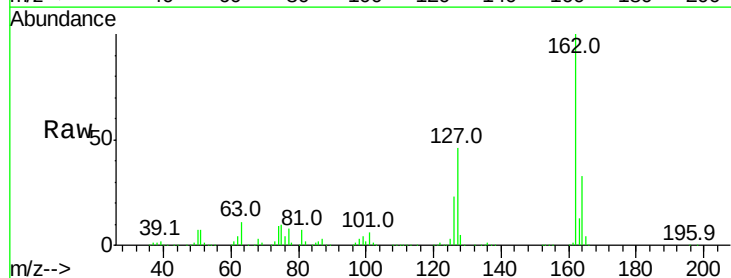


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

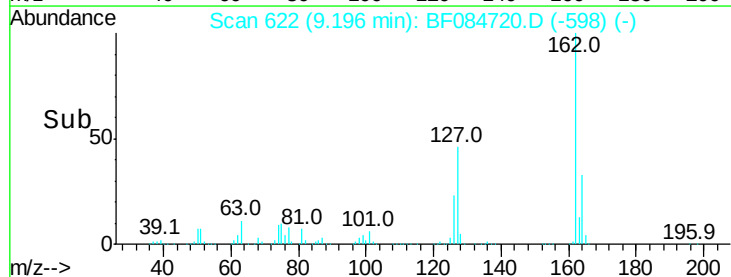
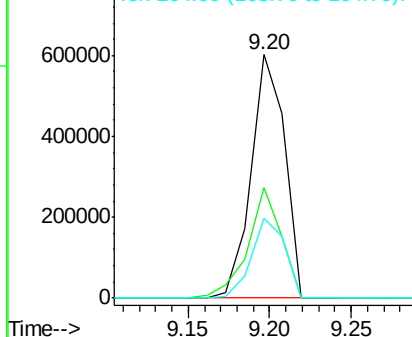


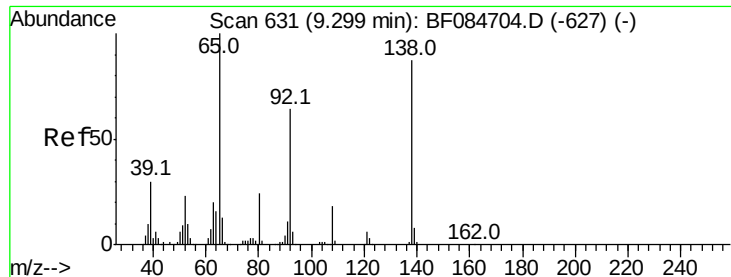
#46
 2-Chloronaphthalene
 Concen: 37.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.6	40.2	60.4
164	32.7	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: 38.04 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

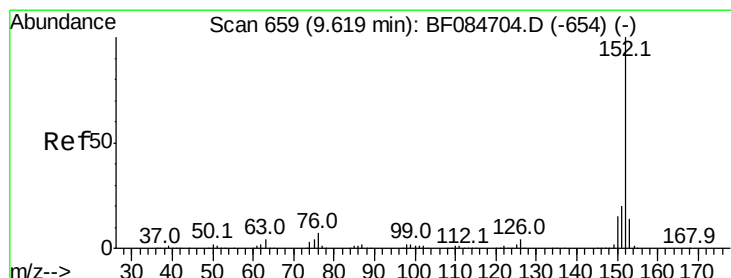
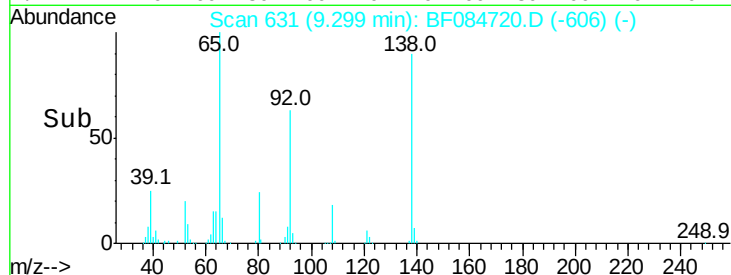
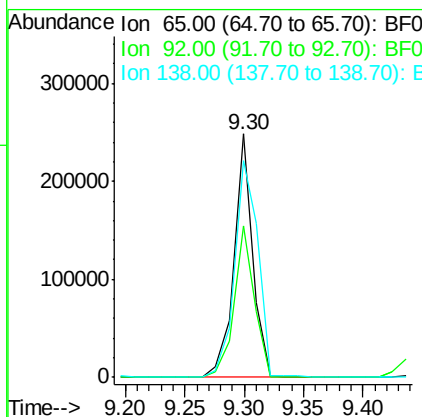
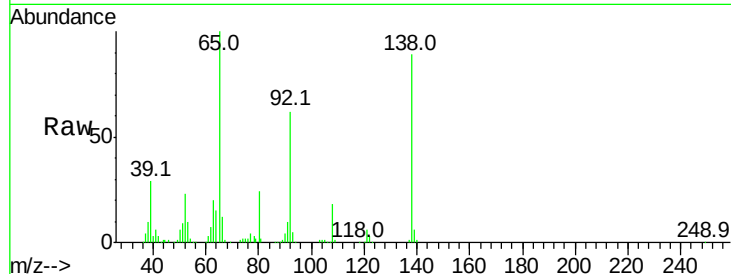
ClientSampleId :

PB88019BS

Tot Ion:	65	Resp:	272009
Ion Ratio	Lower	Upper	
65	100		
92	62.3	53.4	80.2
138	88.9	71.1	106.7

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#48

Acenaphthylene

Concen: 40.66 ng

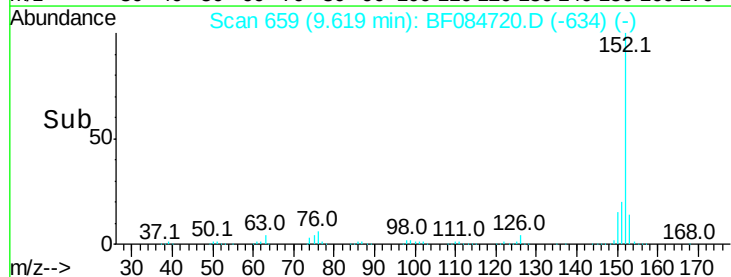
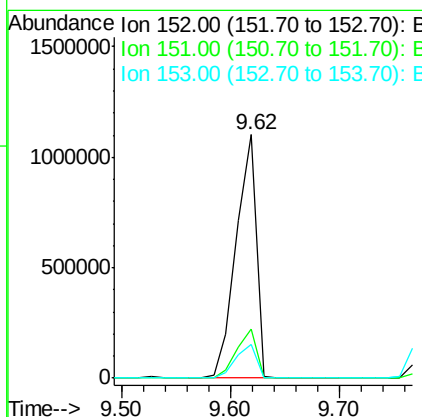
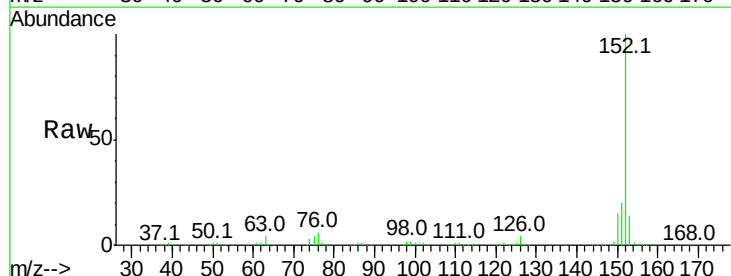
RT: 9.62 min Scan# 659

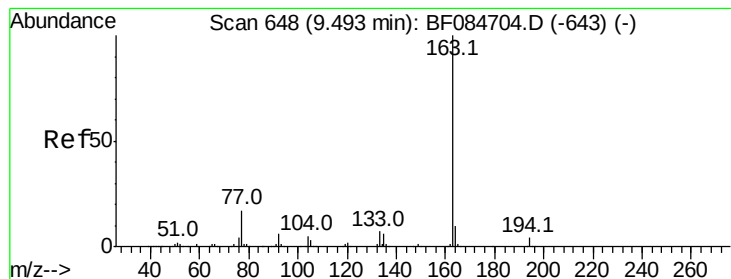
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	152	Resp:	1393486
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	14.0	10.4	15.6





#49

Dimethylphthalate

Concen: 42.09 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:163 Resp: 1100690

Ion Ratio Lower Upper

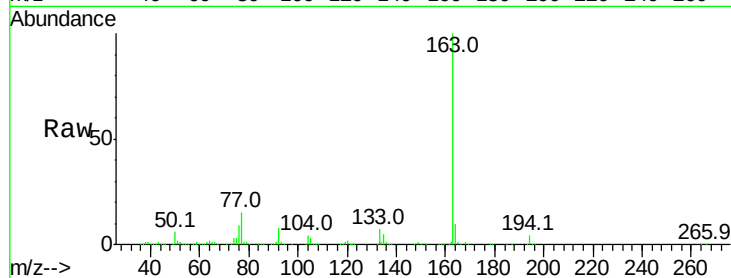
163 100

194 3.6 8.0 12.0#

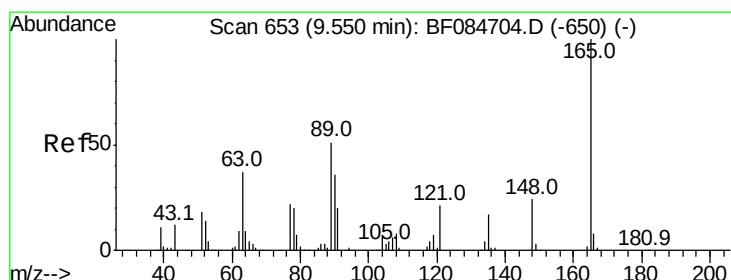
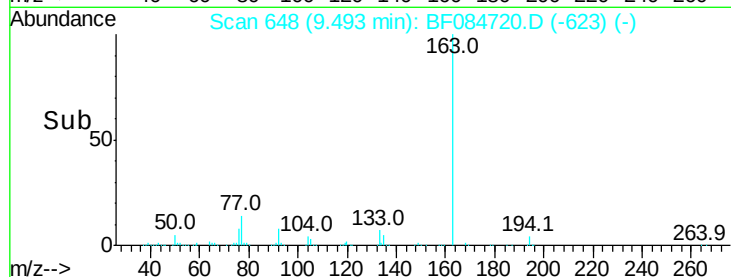
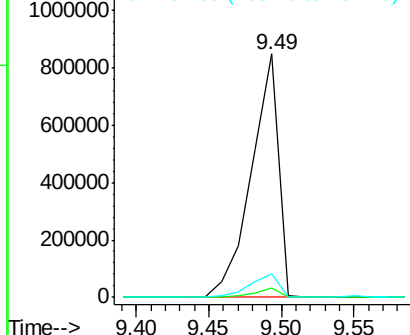
164 9.9 8.0 12.0

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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: 44.89 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

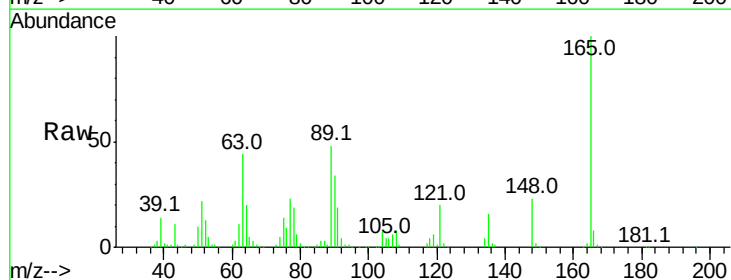
Tgt Ion:165 Resp: 256432

Ion Ratio Lower Upper

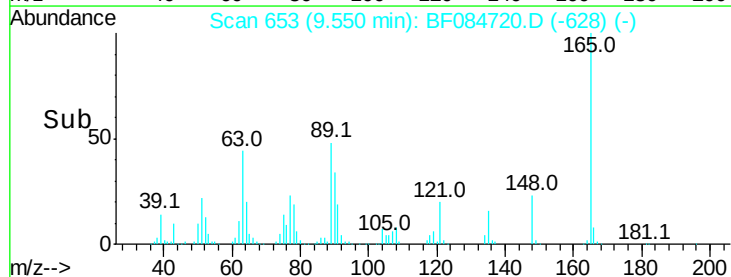
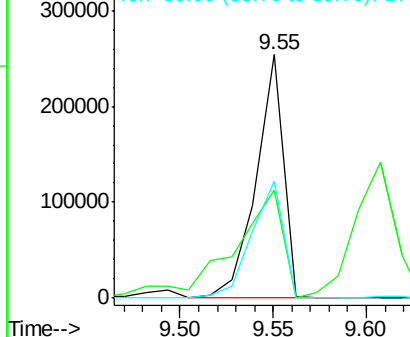
165 100

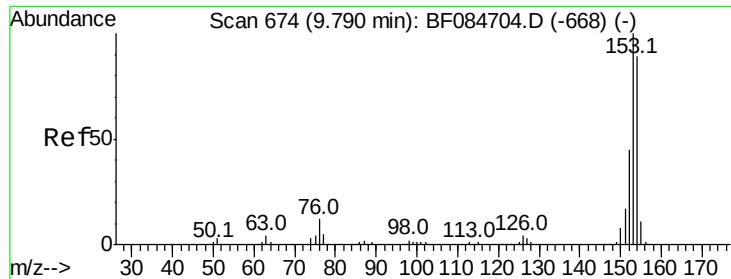
63 44.2 28.8 43.2#

89 47.9 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: 39.91 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

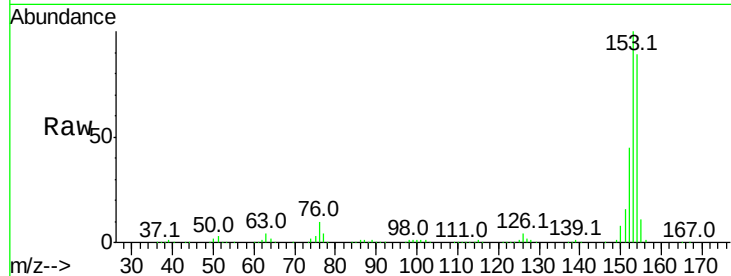
ClientSampleId :

PB88019BS

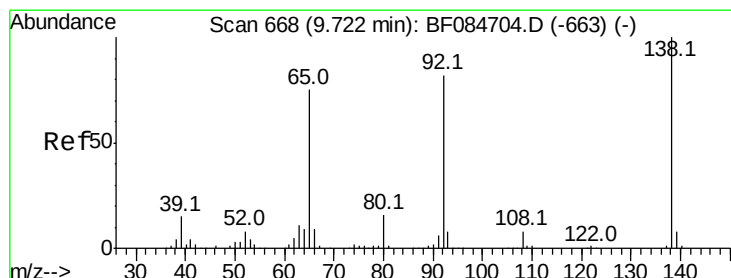
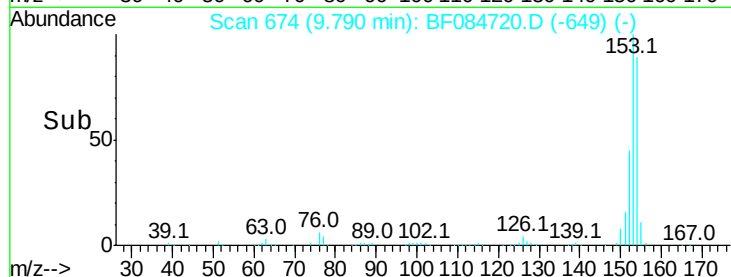
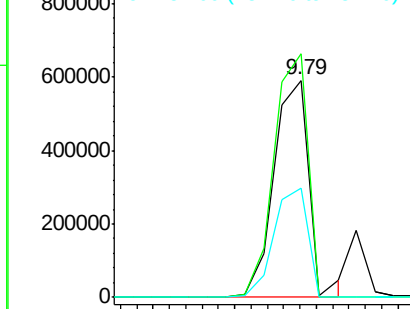
Tot Ion:	154	Resp:	889734
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.5	137.3
152	50.5	43.0	64.6

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



#52

3-Nitroaniline

Concen: 28.73 ng

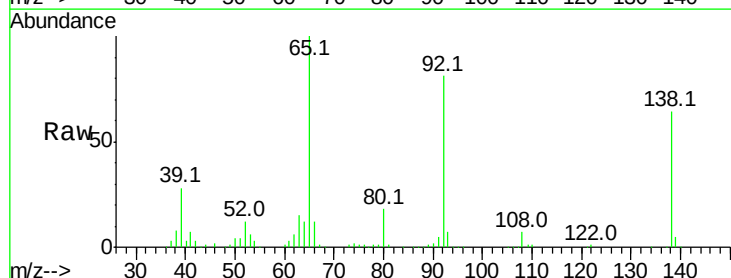
RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

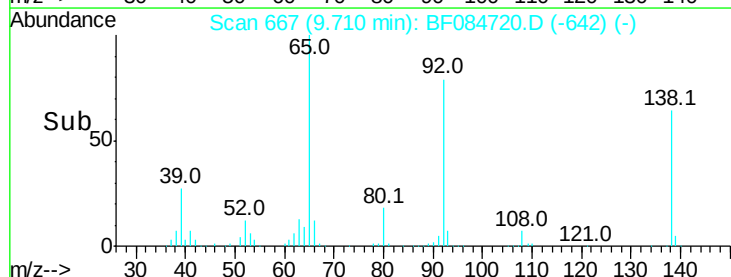
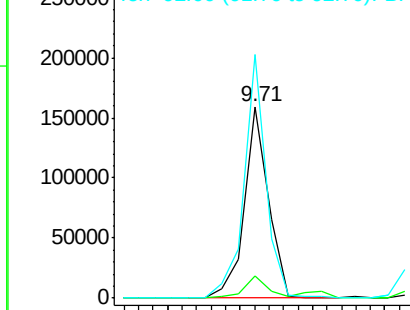
Lab File: BF084720.D

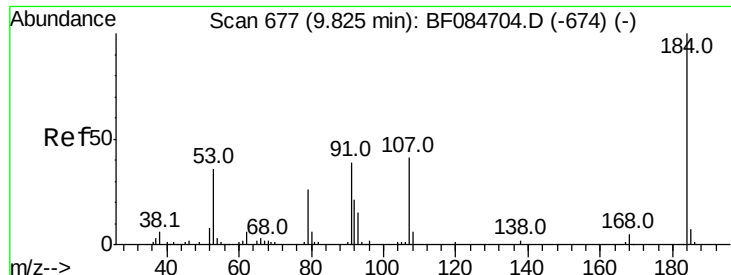
Acq: 1 Feb 2016 20:21

Tgt Ion:	138	Resp:	184401
Ion Ratio	Lower	Upper	
138	100		
108	11.4	10.5	15.7
92	127.3	103.9	155.9



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





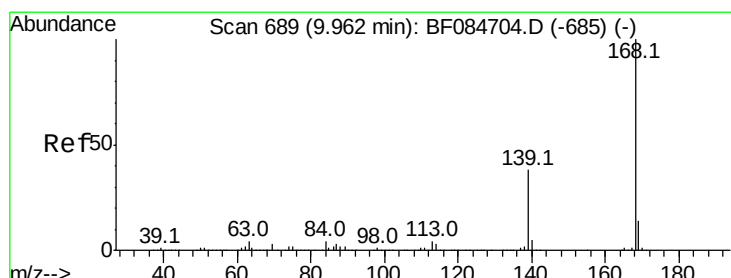
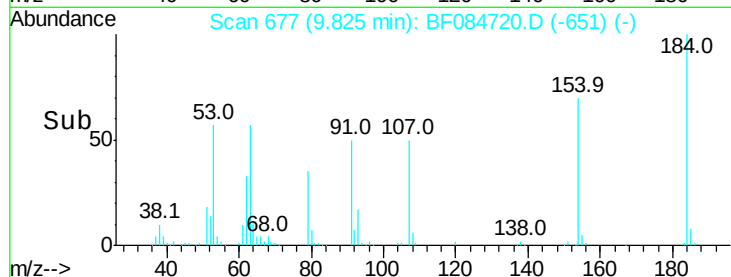
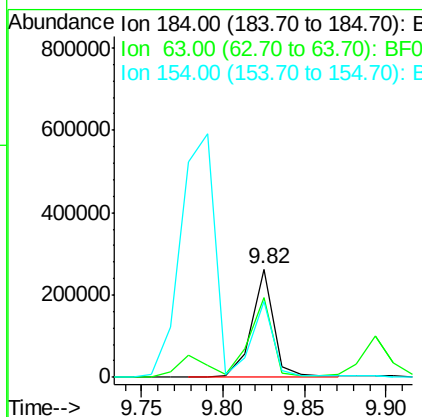
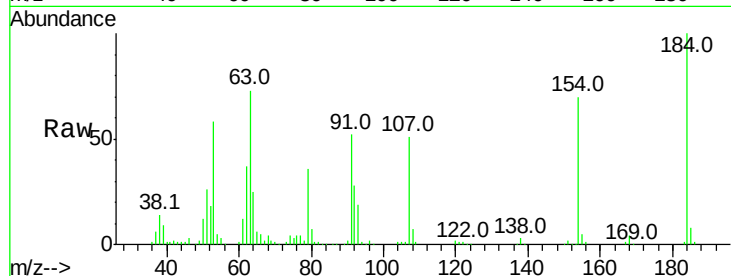
#53
 2,4-Dinitrophenol
 Concen: 94.55 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	252283		
63	73.4	43.1	64.7#	
154	69.9	60.5	90.7	

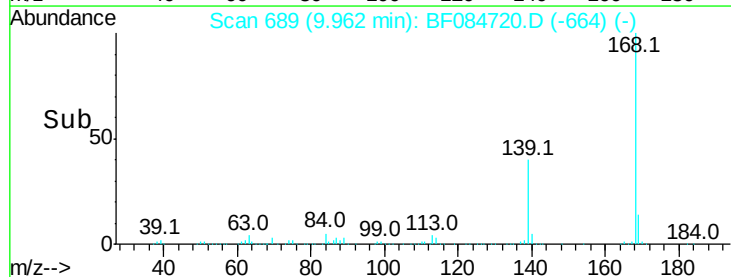
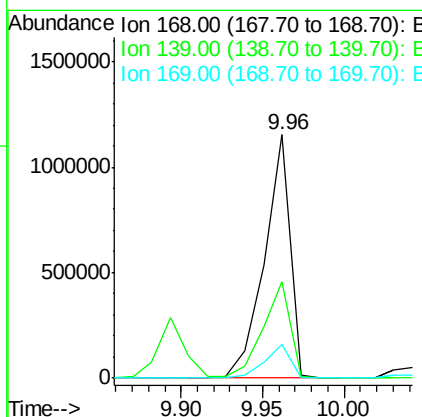
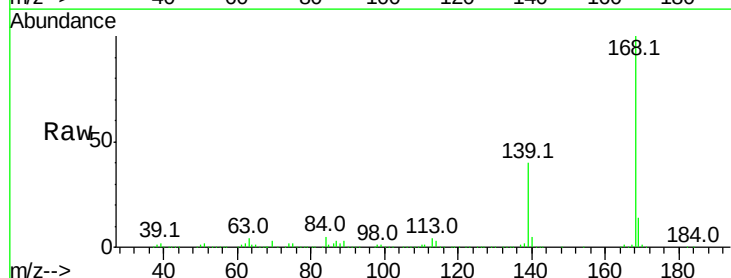
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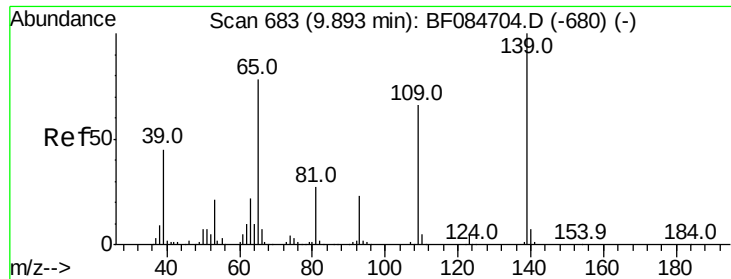
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#54
 Dibenzofuran
 Concen: 46.19 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1258743		
139	39.7	30.5	45.7	
169	13.7	10.4	15.6	





#55

4-Nitrophenol

Concen: 70.82 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

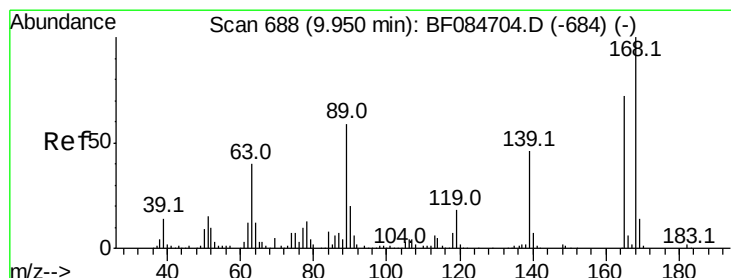
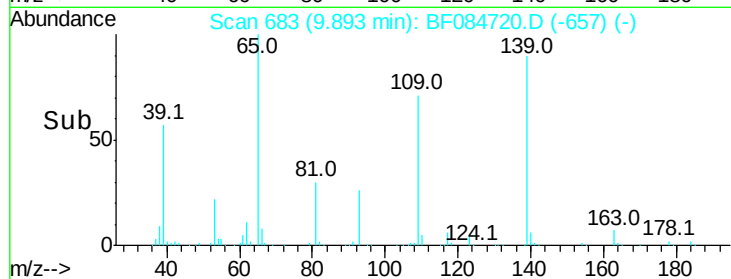
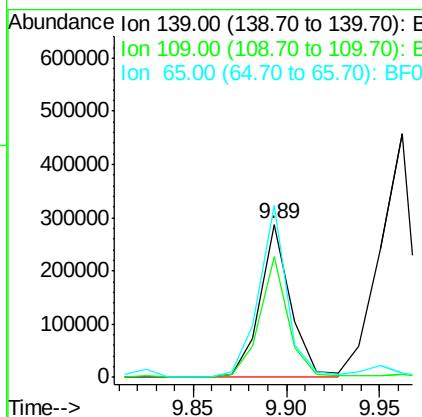
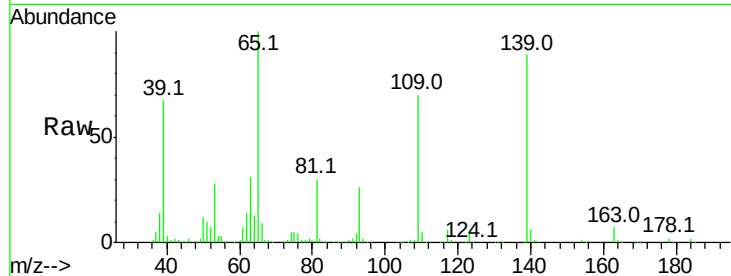
ClientSampleId :

PB88019BS

Tot Ion:	139	Resp:	334091
Ion Ratio	Lower	Upper	
139	100		
109	79.3	58.5	98.5
65	112.7	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 42.19 ng

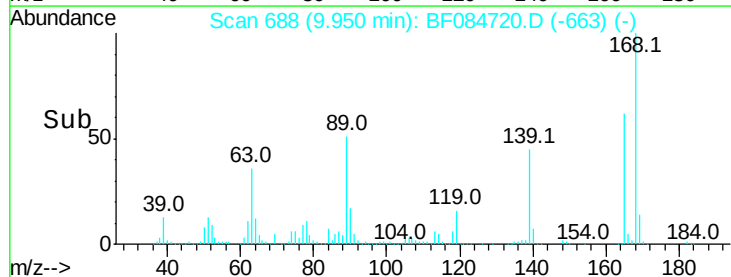
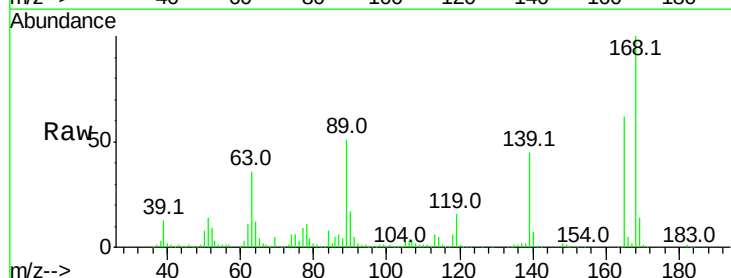
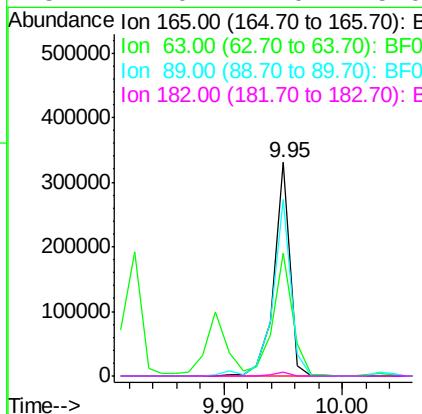
RT: 9.95 min Scan# 688

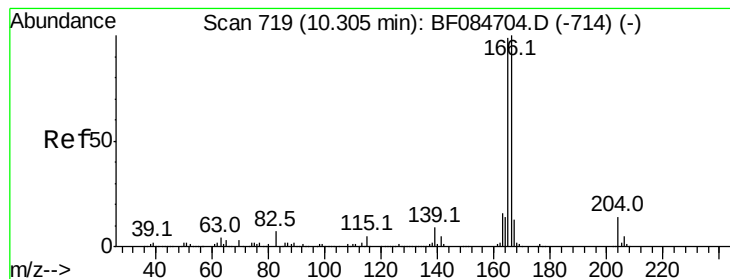
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:	165	Resp:	307397
Ion Ratio	Lower	Upper	
165	100		
63	57.6	36.7	55.1#
89	82.5	61.9	92.9
182	2.0	2.0	3.0#





#57

Fluorene

Concen: 42.33 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

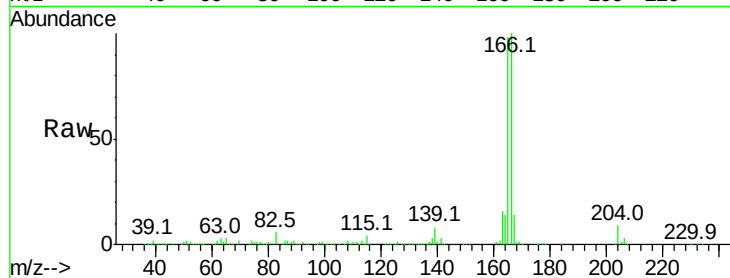
ClientSampleId :

PB88019BS

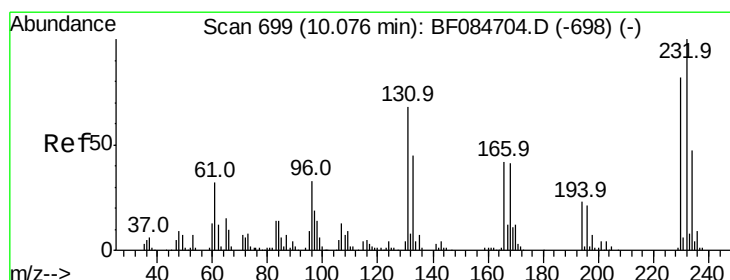
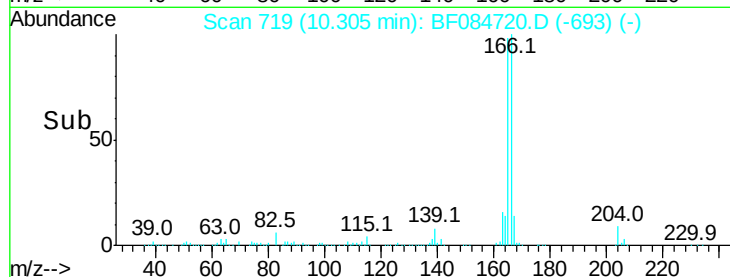
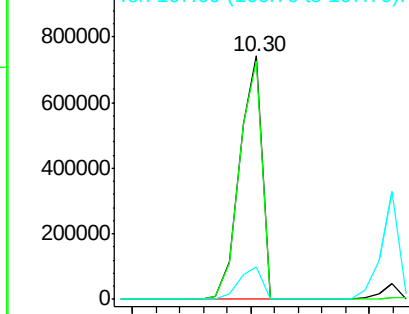
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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	79.1	118.7	
167	13.6	10.4	15.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.63 ng

RT: 10.08 min Scan# 699

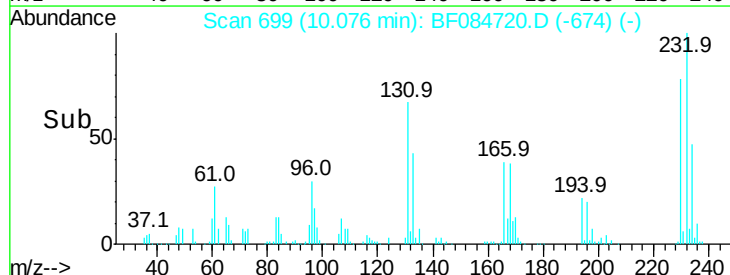
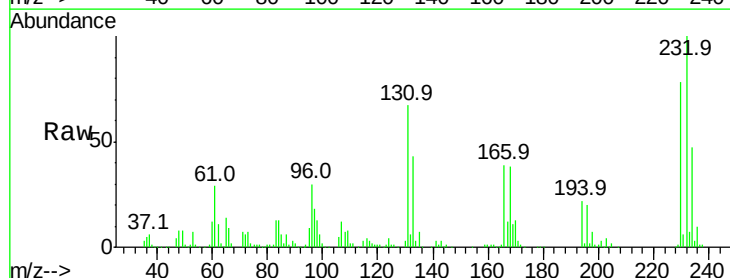
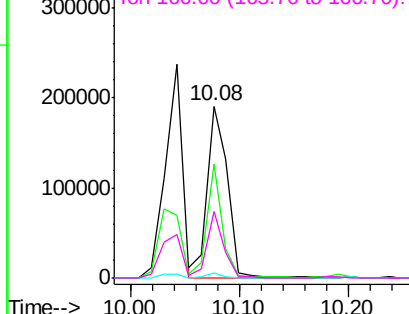
Delta R.T. -0.01 min

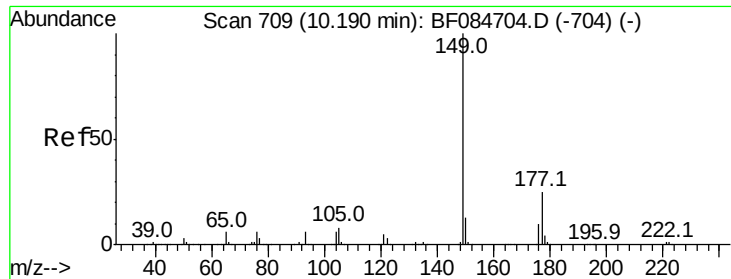
Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.4	47.0	70.6	
130	2.5	2.0	3.0	
166	31.7	30.5	45.7	

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





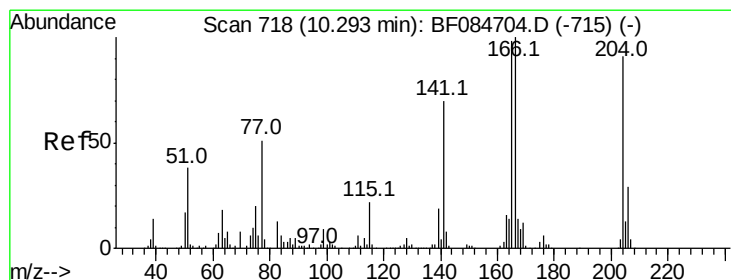
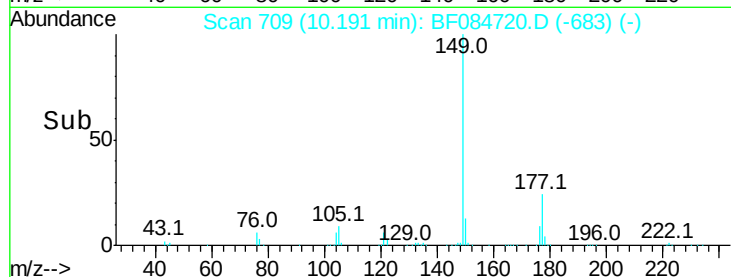
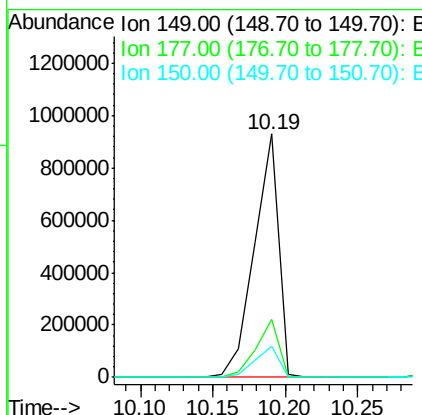
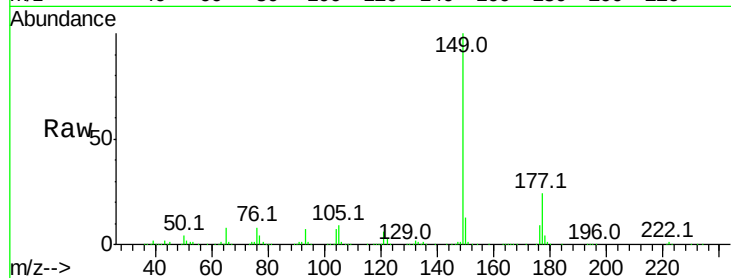
#59
Diethylphthalate
Concen: 42.47 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.3	25.9
150	12.6	9.8	14.8

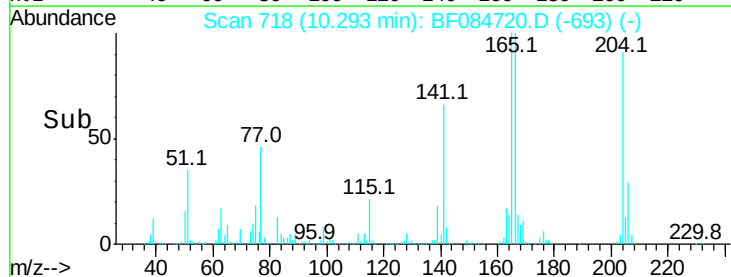
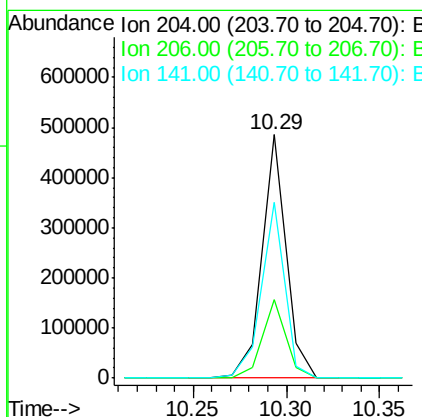
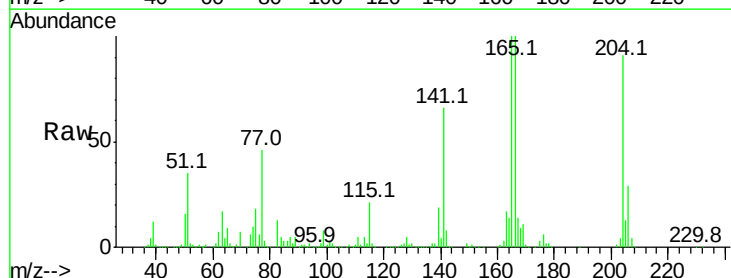
Manual Integrations
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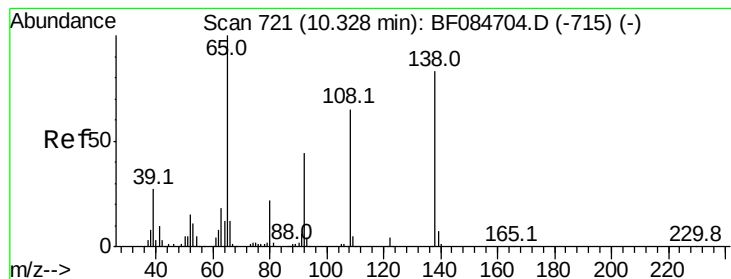
mohammad
2/2/2016 4:18:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.03 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.7	38.5
141	72.4	55.1	82.7





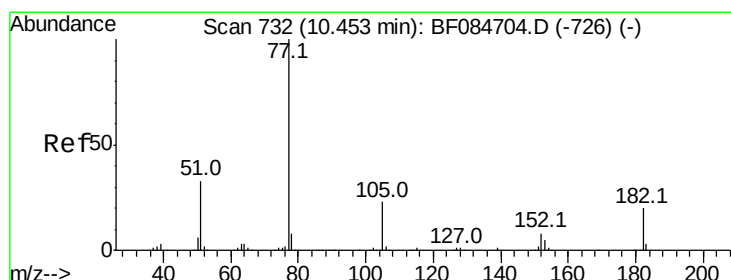
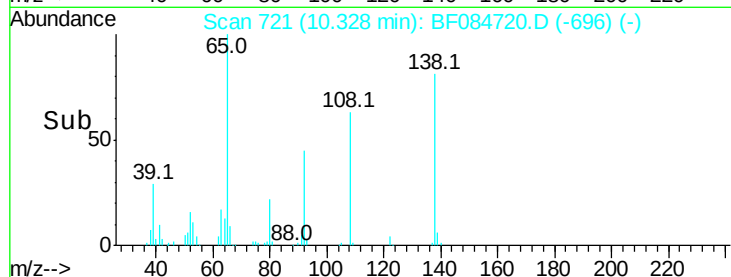
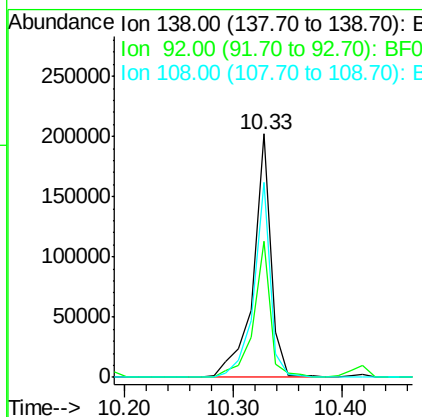
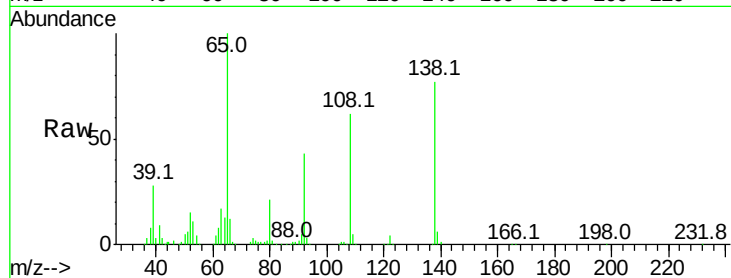
#61
4-Nitroaniline
Concen: 37.24 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	32.6	72.6
108	80.2	68.6	108.6

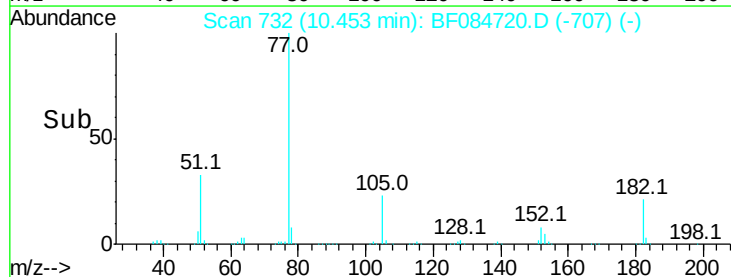
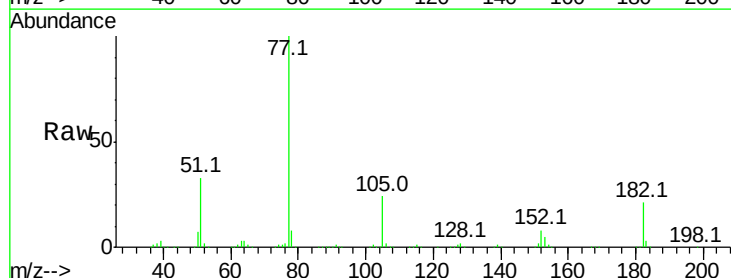
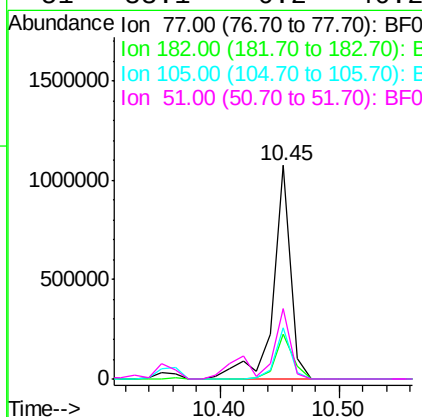
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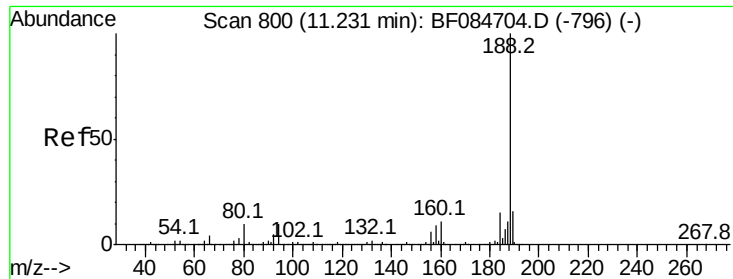
mohammad
2/2/2016 4:18:09 PM



#62
Azobenzene
Concen: 44.52 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	8.3	48.3
105	24.0	4.6	44.6
51	33.1	6.2	46.2





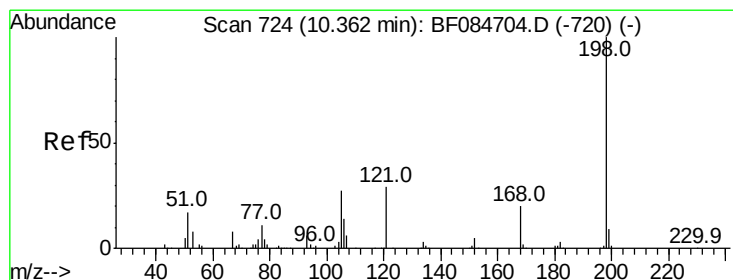
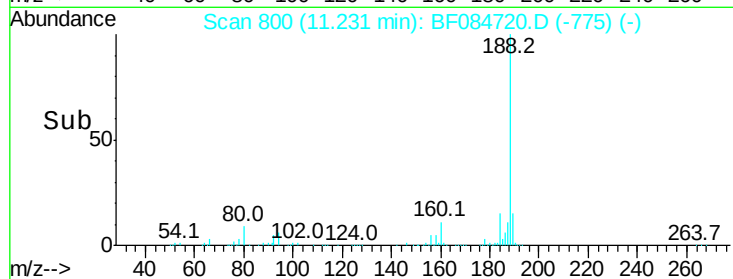
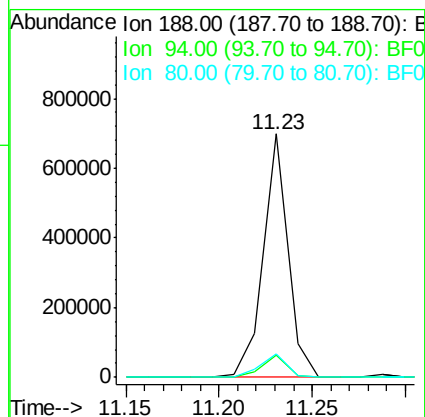
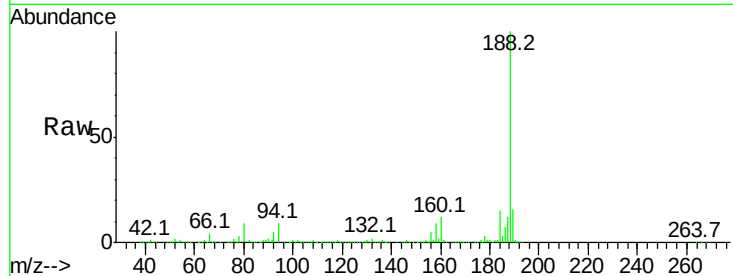
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	9.0	13.4
80	9.5	9.6	14.4#

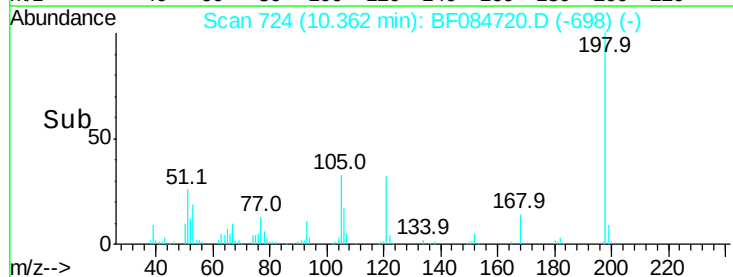
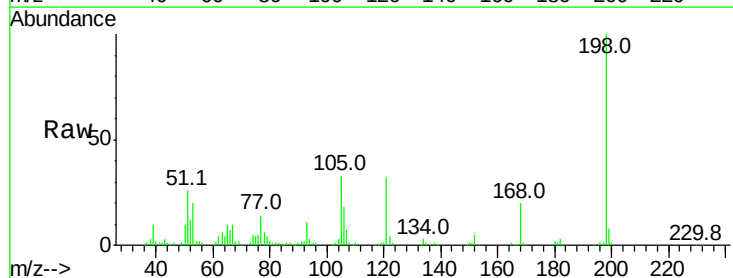
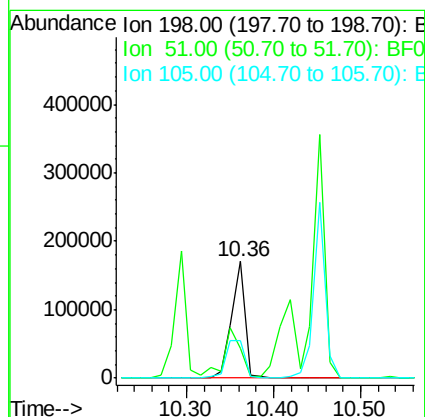
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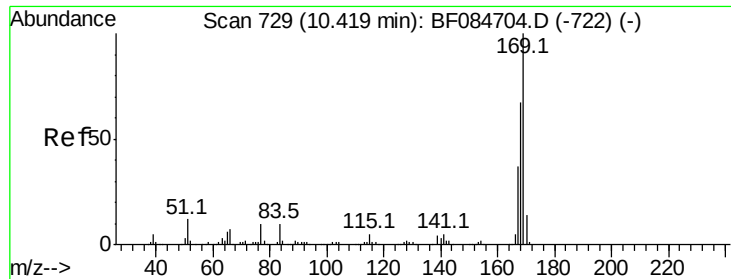
mohammad
 2/2/2016 4:18:09 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.05 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.0	18.9	58.9
105	32.5	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 44.68 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

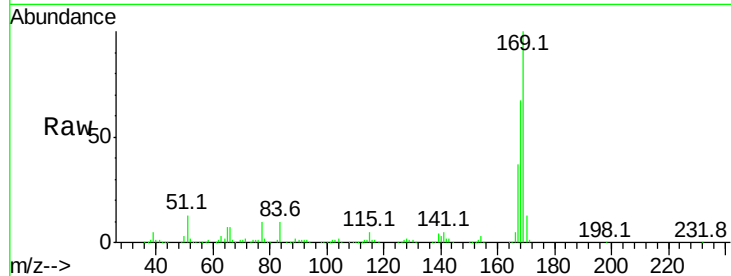
ClientSampleId :

PB88019BS

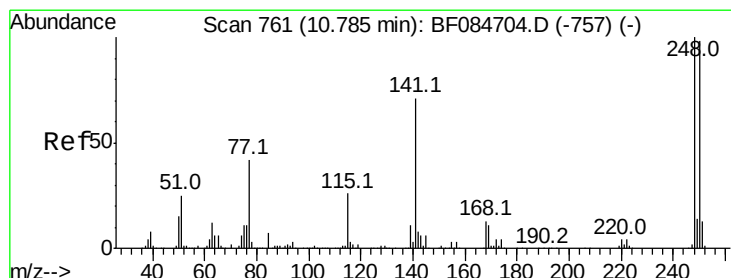
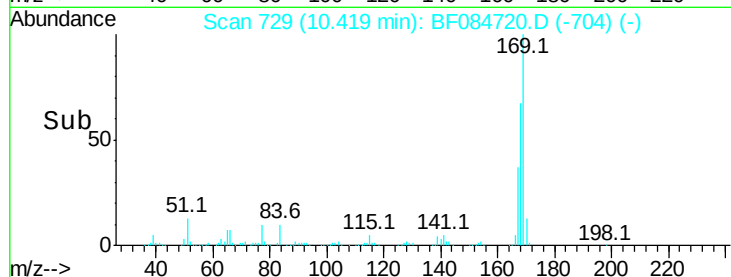
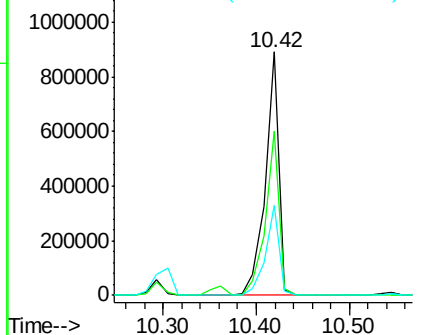
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Tot Ion:	169	Resp:	908514
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.1	82.7
167	36.9	30.0	45.0



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: 43.30 ng

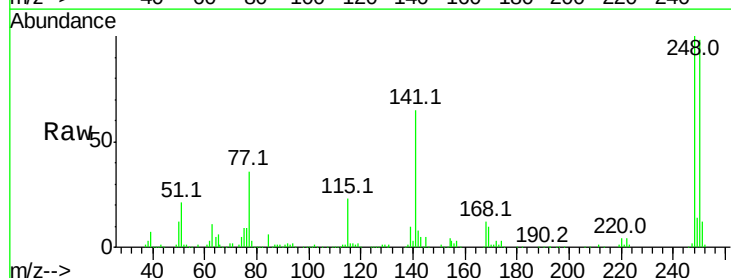
RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

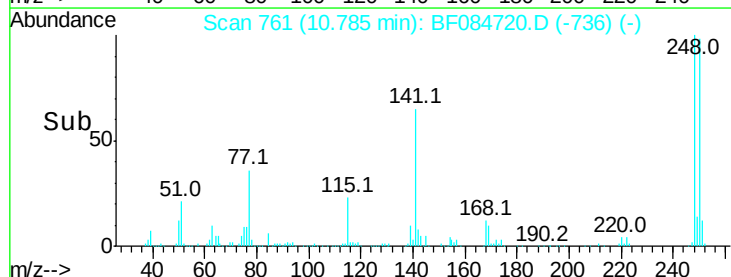
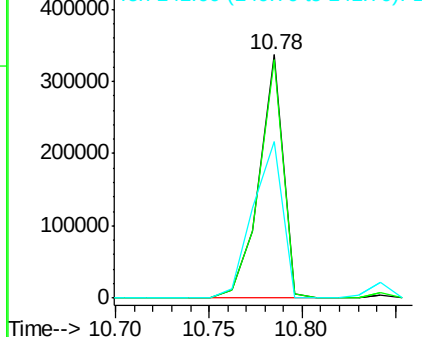
Lab File: BF084720.D

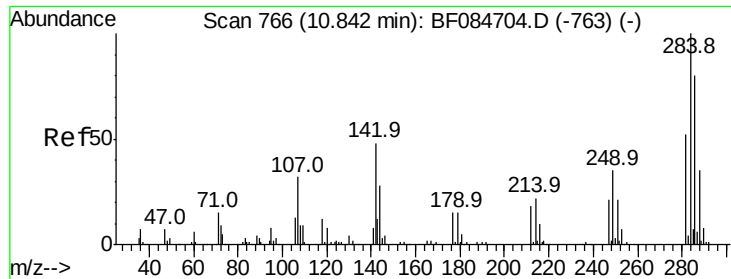
Acq: 1 Feb 2016 20:21

Tgt Ion:	248	Resp:	306244
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.4	117.6
141	64.5	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: 39.01 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

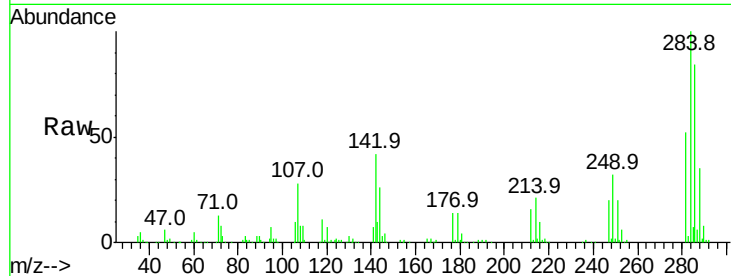
ClientSampleId :

PB88019BS

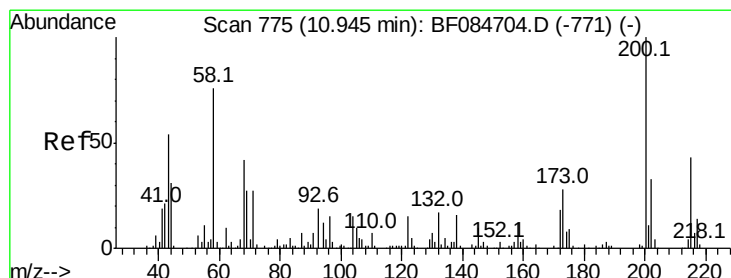
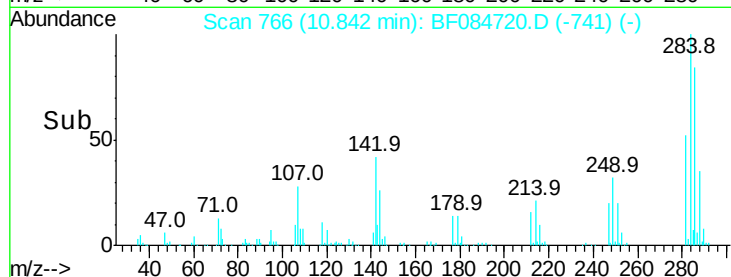
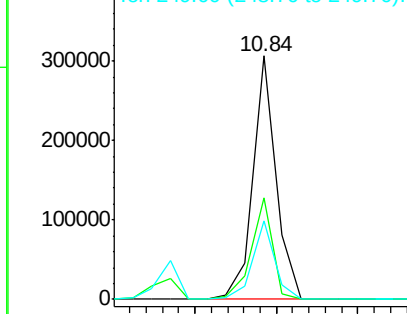
Tot Ion	Ratio	Resp	Lower	Upper
284	100	300611		
142	41.8	22.2	33.4#	
249	32.5	24.6	37.0	

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



#68

Atrazine

Concen: 38.04 ng

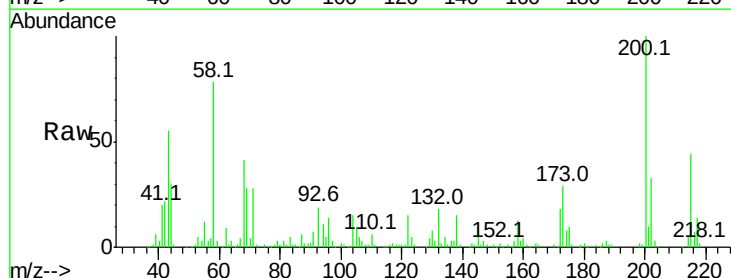
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

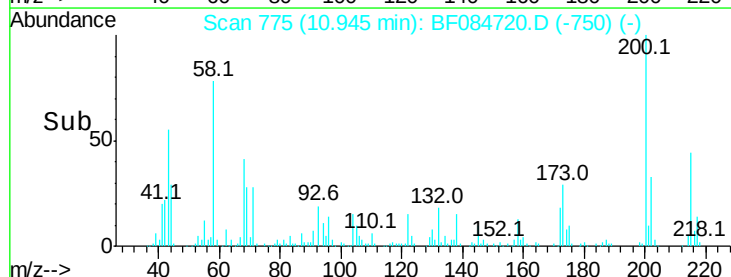
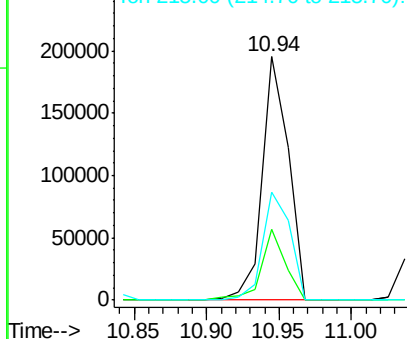
Lab File: BF084720.D

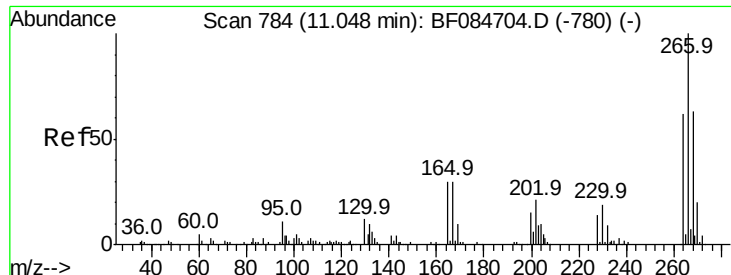
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244282		
173	29.1	9.5	49.5	
215	44.4	23.8	63.8	



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





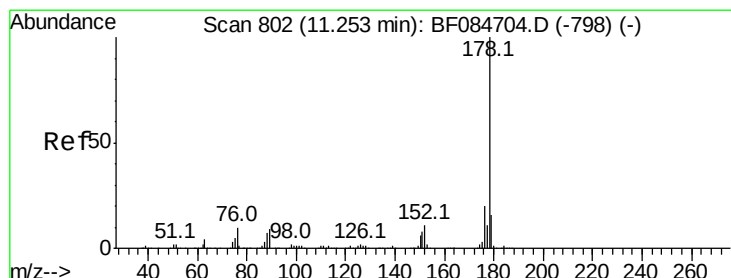
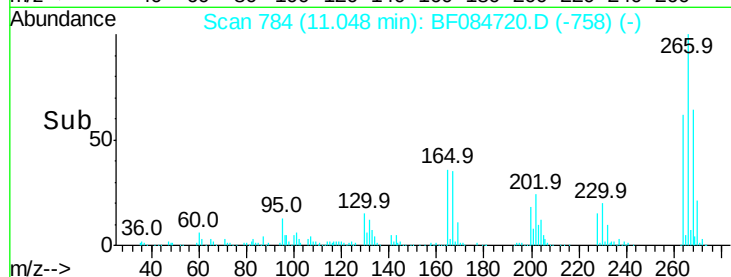
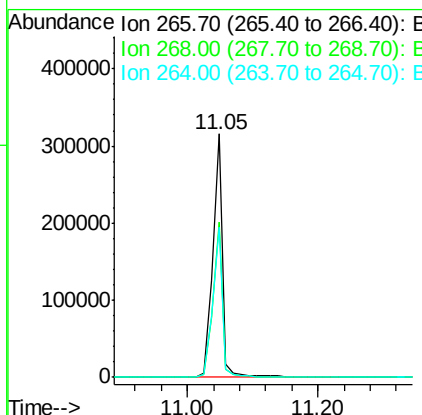
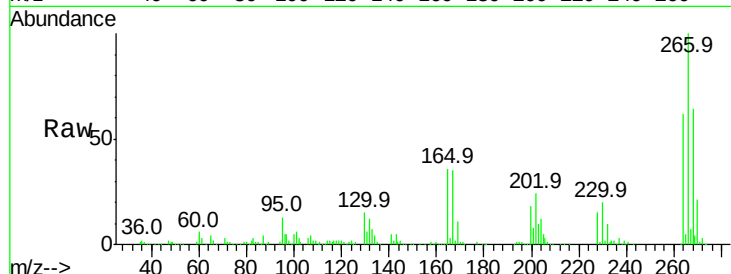
#69
 Pentachlorophenol
 Concen: 93.23 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	337641		
268	64.1	52.4	78.6	
264	61.7	50.2	75.2	

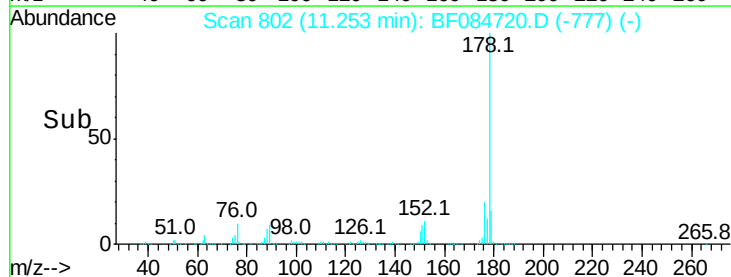
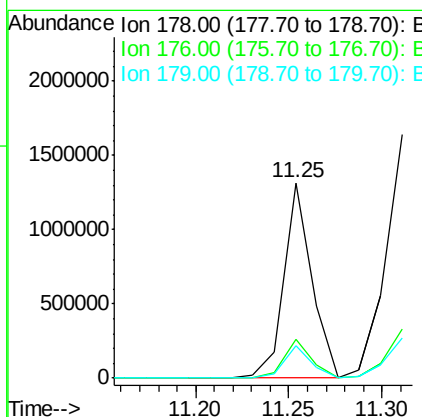
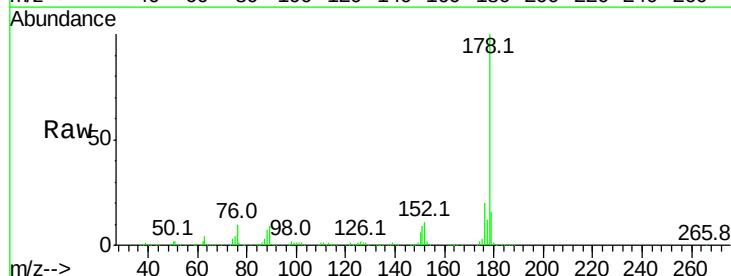
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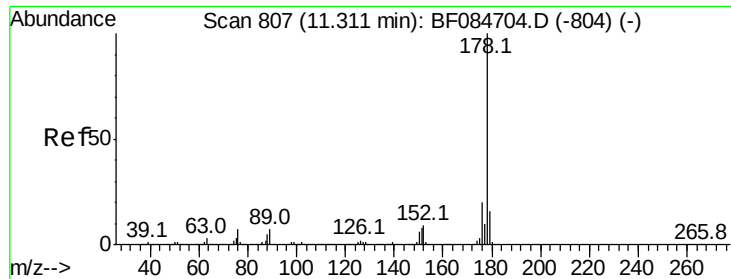
mohammad
 2/2/2016 4:18:09 PM



#70
 Phenanthrene
 Concen: 38.69 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1374089		
176	19.7	15.3	22.9	
179	16.4	12.0	18.0	





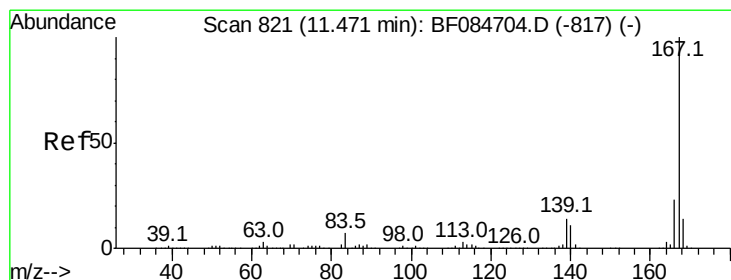
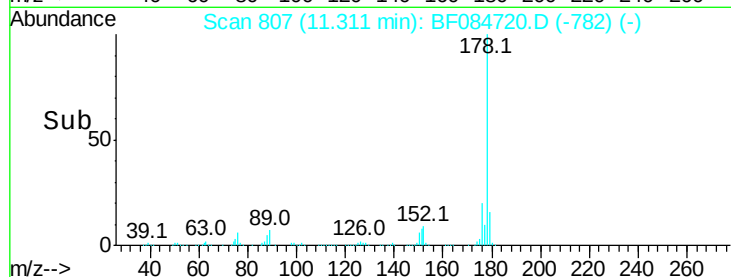
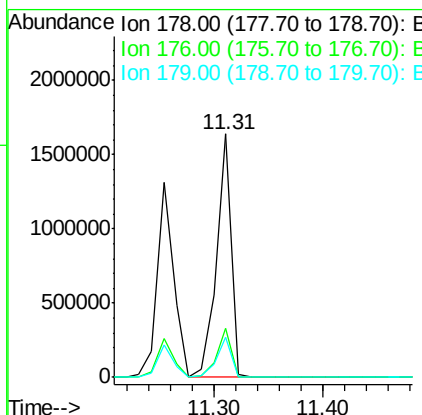
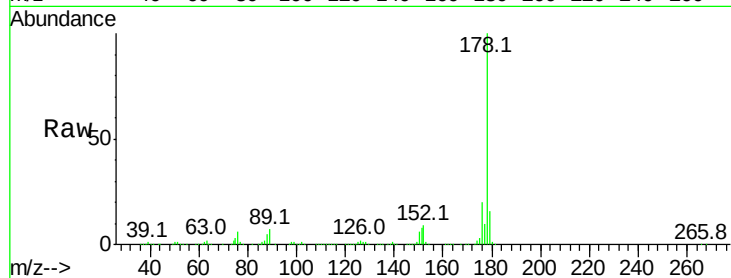
#71
 Anthracene
 Concen: 43.61 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion:178 Resp: 1560784
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.0
 179 16.3 12.5 18.7

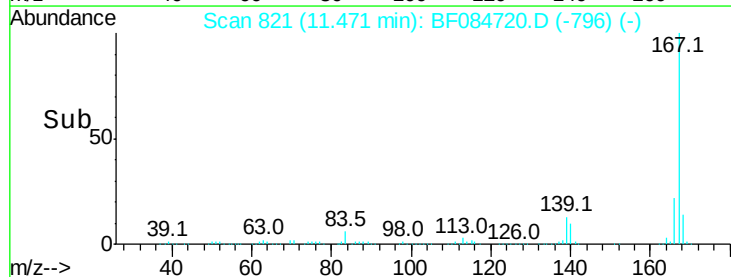
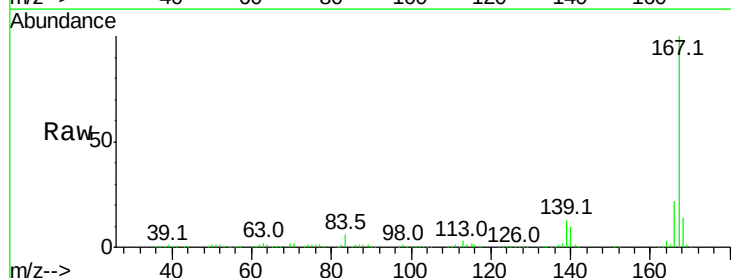
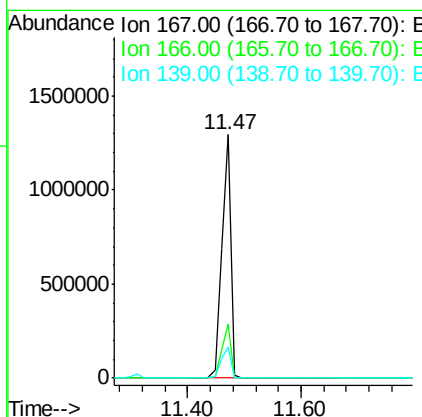
Manual Integrations
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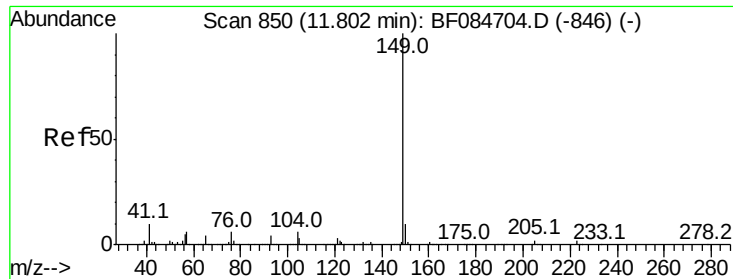
mohammad
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#72
 Carbazole
 Concen: 45.31 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion:167 Resp: 1413804
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 37.69 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:149 Resp: 1497457

Ion Ratio Lower Upper

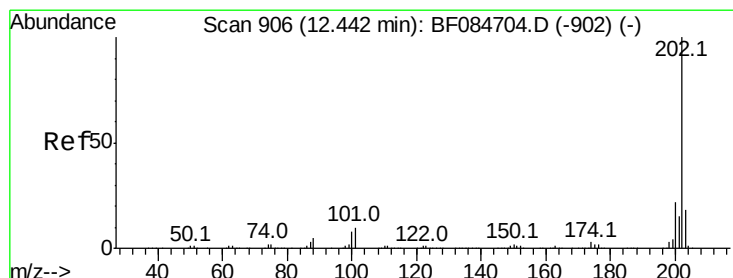
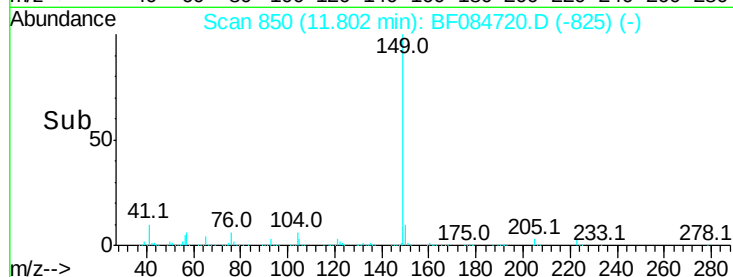
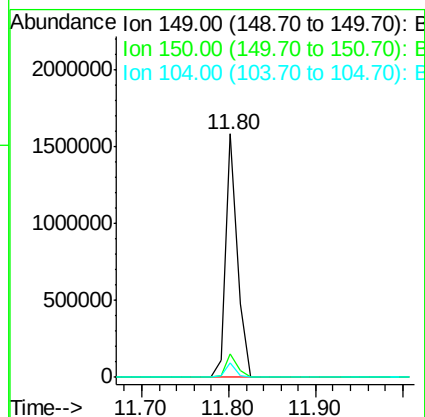
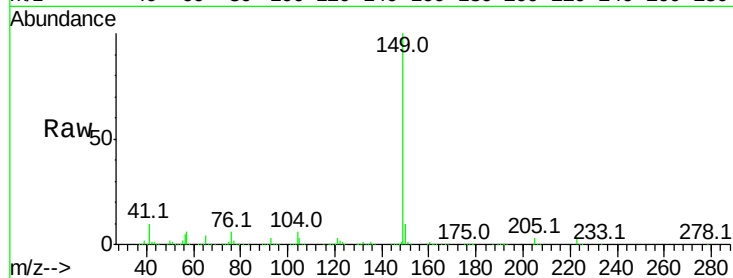
149 100

150 9.9 7.1 10.7

104 5.7 3.2 4.8#

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#74

Fluoranthene

Concen: 44.01 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

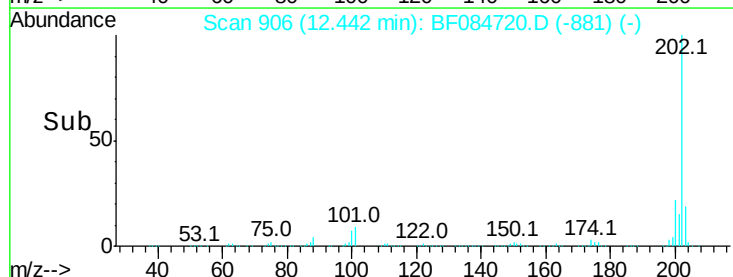
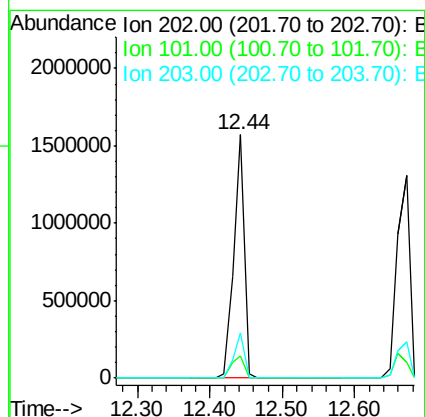
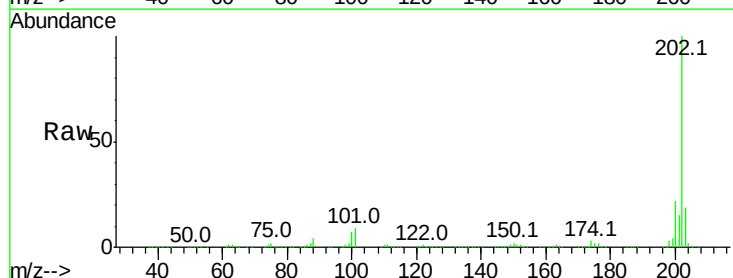
Tgt Ion:202 Resp: 1581983

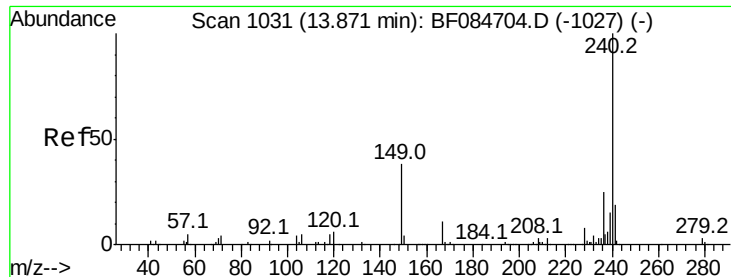
Ion Ratio Lower Upper

202 100

101 9.0 0.0 32.8

203 18.5 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

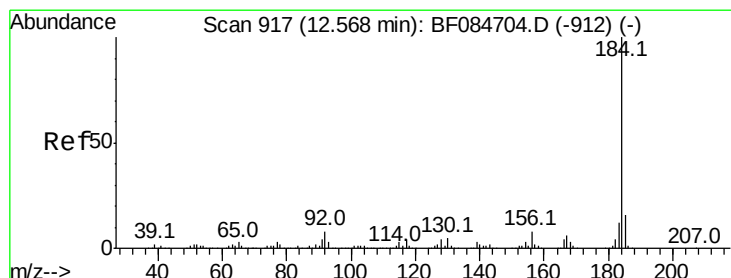
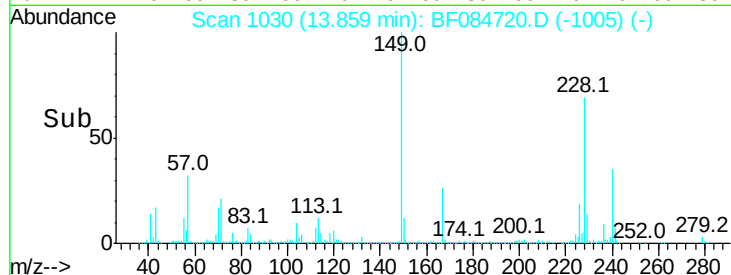
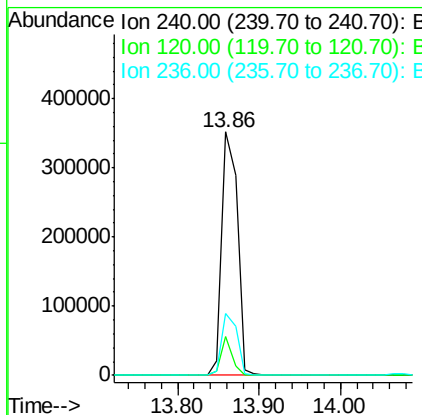
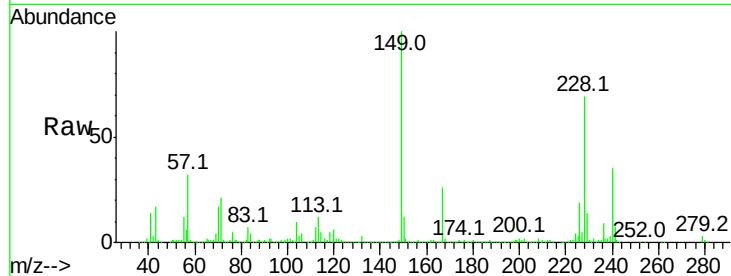
ClientSampleId :

PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.8	9.5	14.3#	
236	25.6	20.6	31.0	

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#76

Benzidine

Concen: 25.62 ng

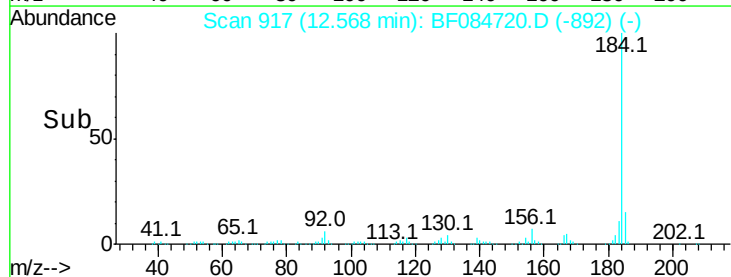
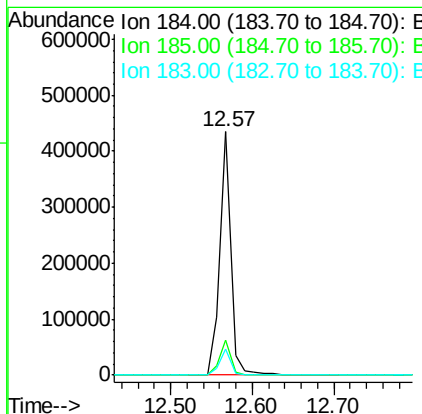
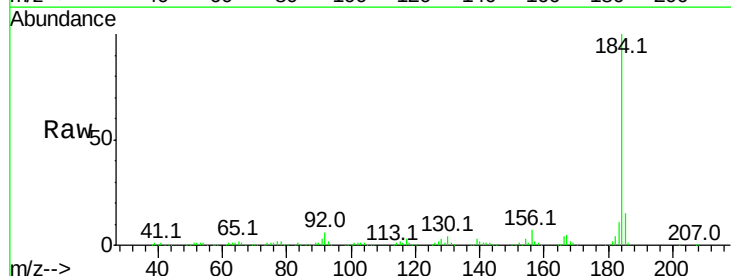
RT: 12.57 min Scan# 917

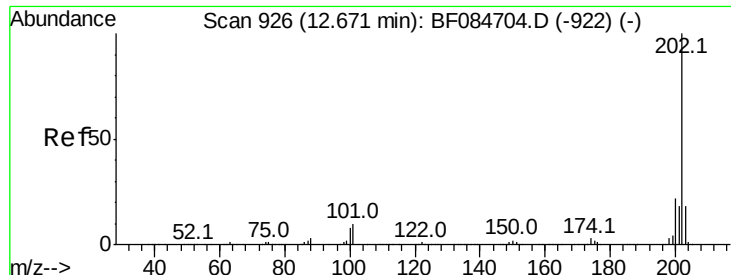
Delta R.T. -0.01 min

Lab File: BF084720.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.2	18.2	
183	10.9	9.8	14.8	





#77

Pvrene

Concen: 44.75 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:202 Resp: 1593307

Ion Ratio Lower Upper

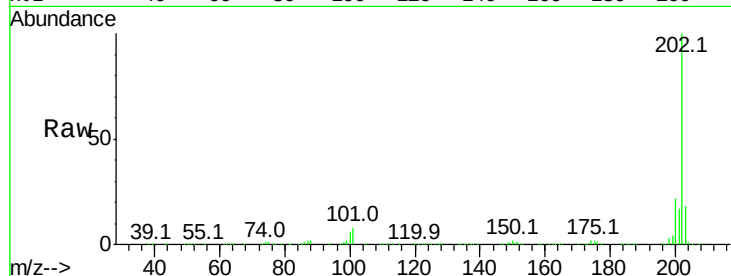
202 100

200 21.9 17.2 25.8

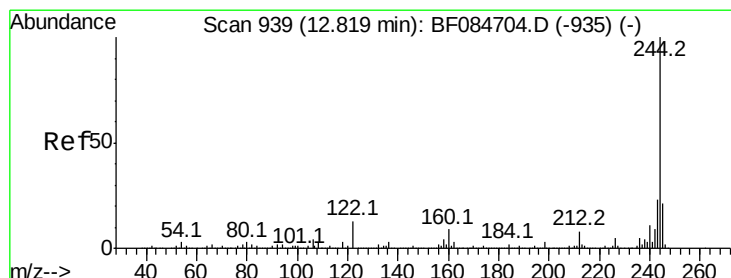
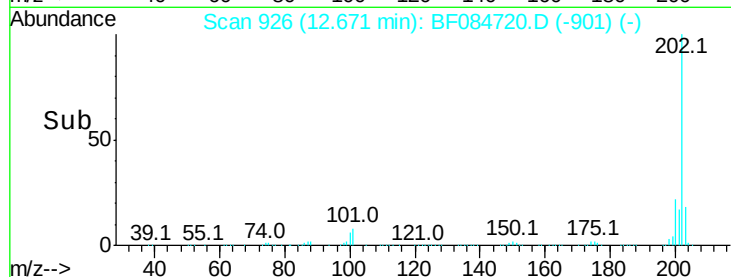
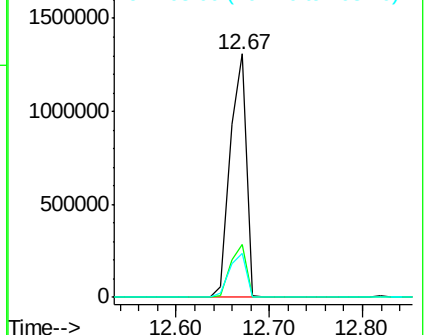
203 18.1 14.3 21.5

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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: 87.20 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

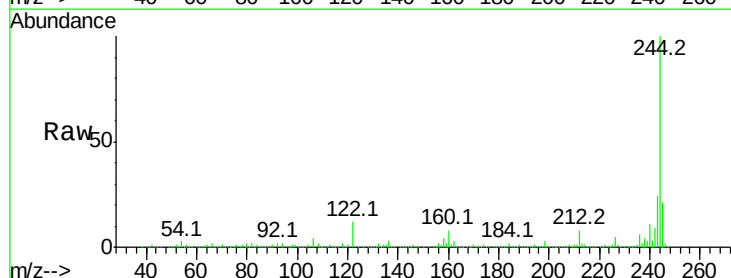
Tgt Ion:244 Resp: 1789519

Ion Ratio Lower Upper

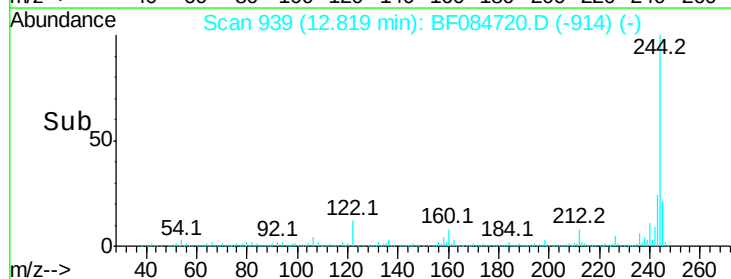
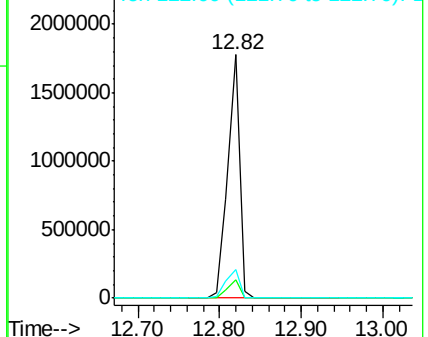
244 100

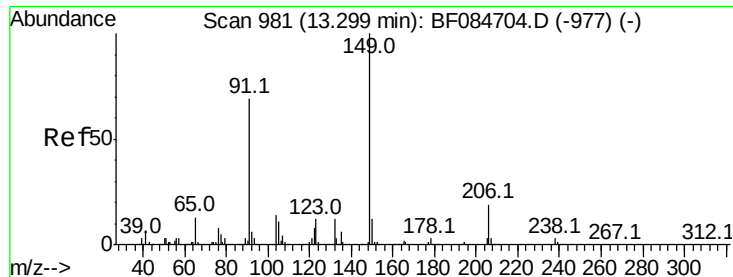
212 7.7 5.7 8.5

122 11.8 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





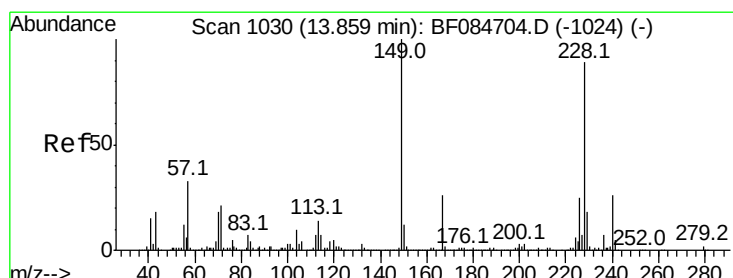
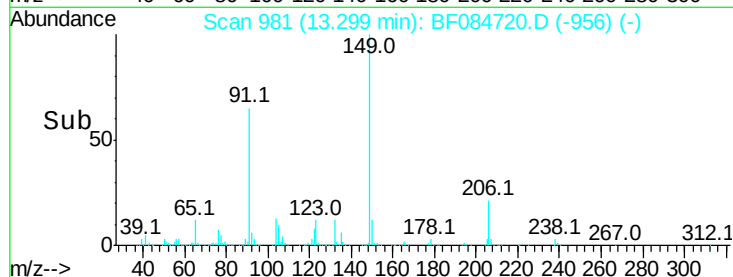
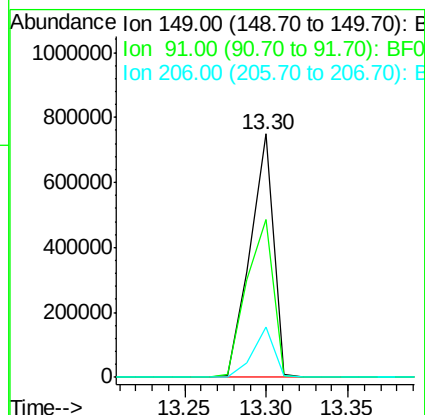
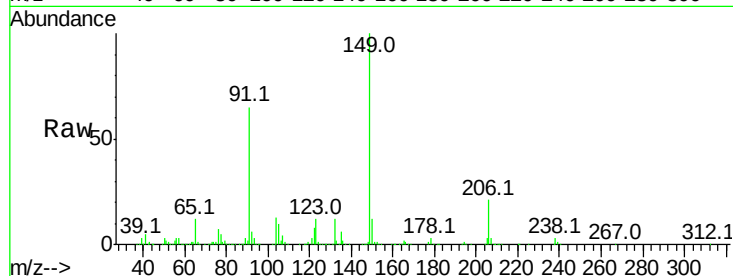
#79
Butylbenzylphthalate
Concen: 46.36 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampled :
PB88019BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	64.6	57.6	86.4
206	20.7	13.2	19.8

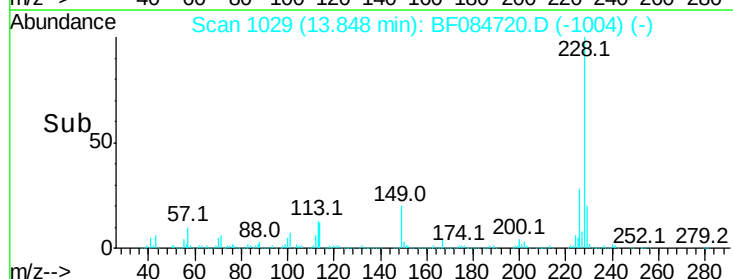
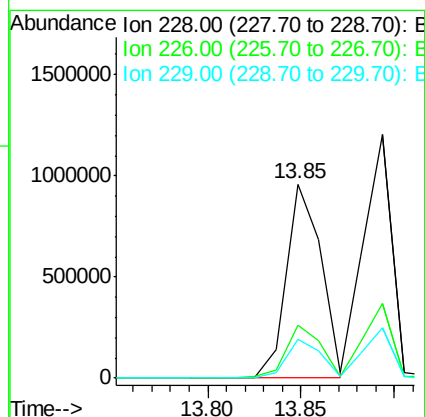
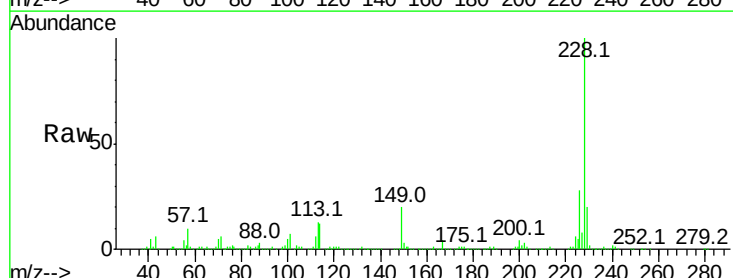
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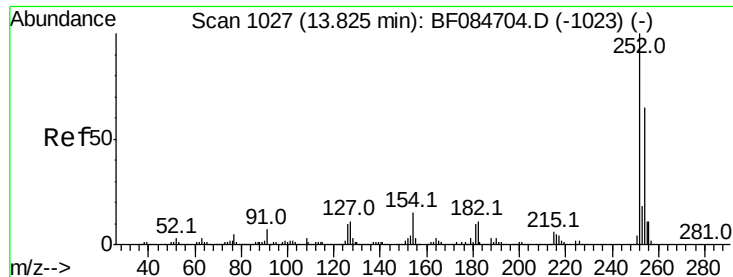
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#80
Benzo(a)anthracene
Concen: 43.16 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.4	15.8	23.8





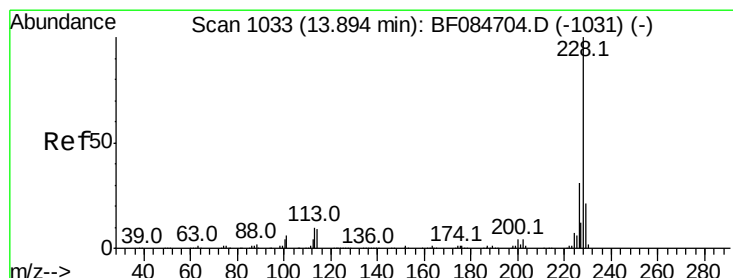
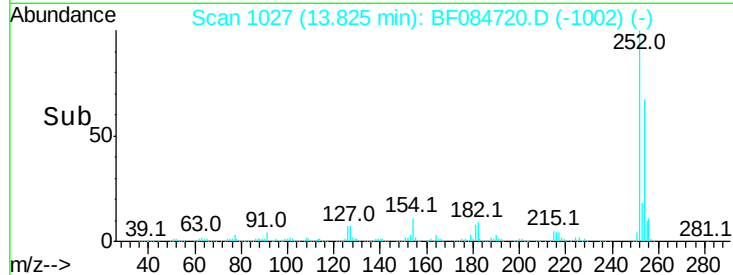
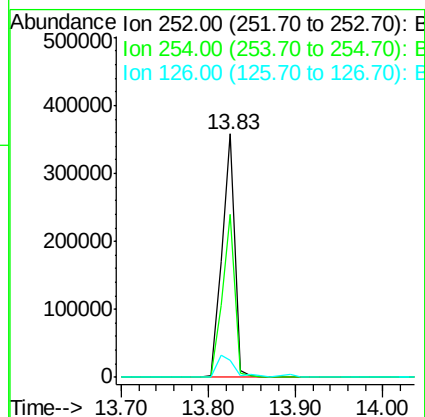
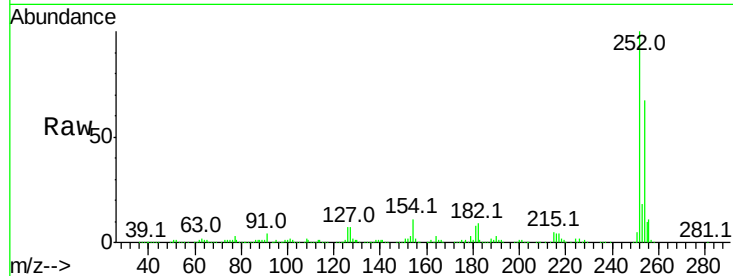
#81
 3,3'-Dichlorobenzidine
 Concen: 36.79 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.7	53.5	80.3
126	6.8	4.9	7.3

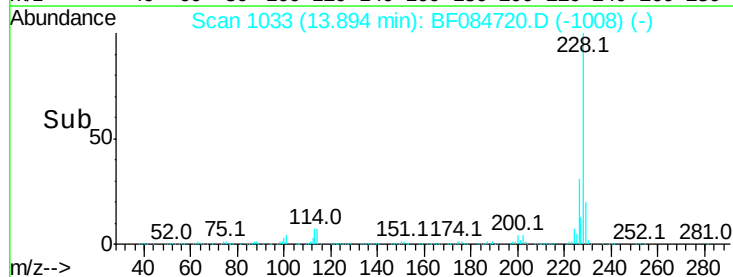
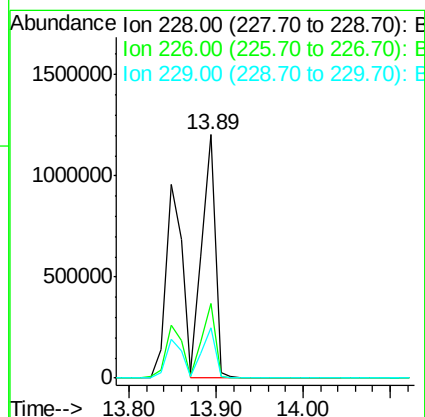
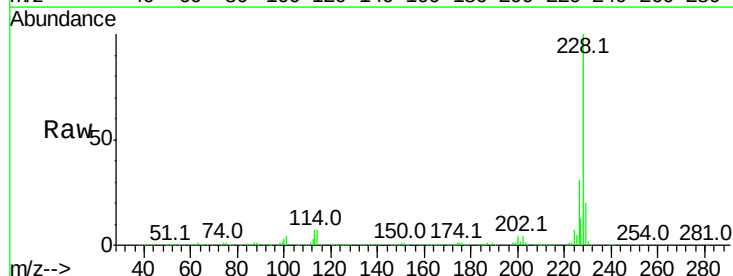
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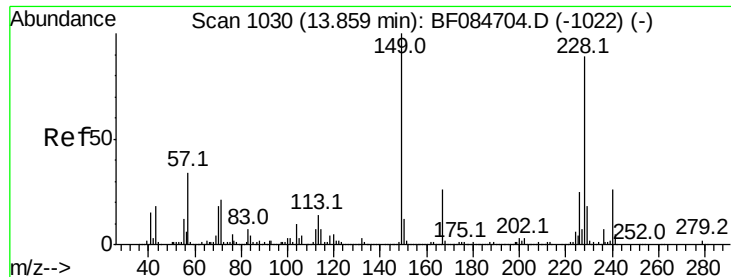
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#82
 Chrysene
 Concen: 45.63 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.5	16.1	24.1





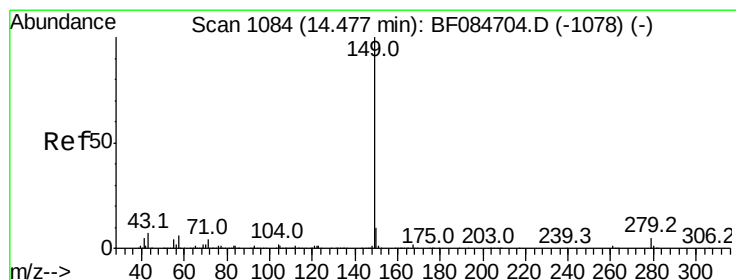
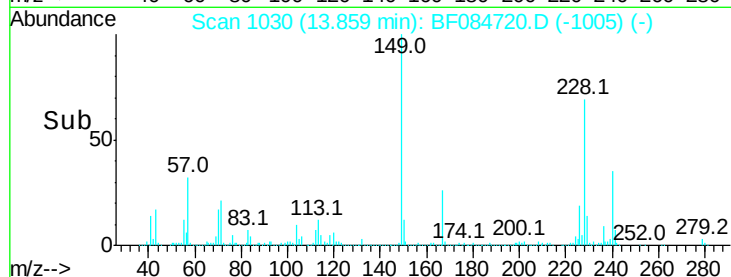
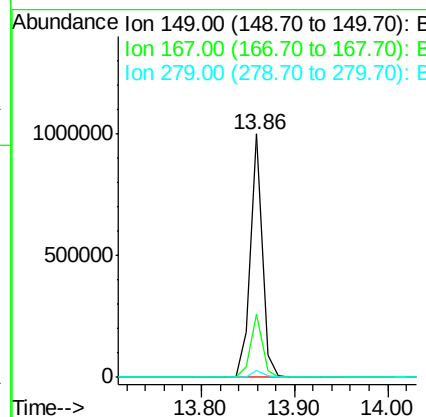
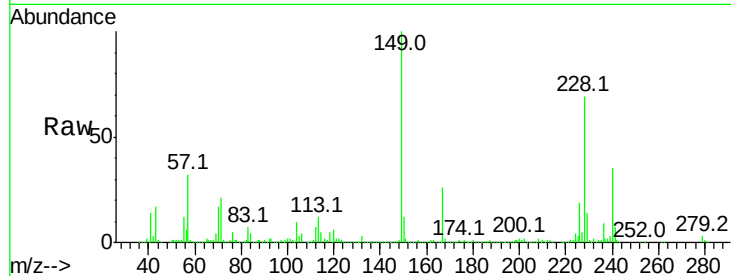
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.12 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	19.7	29.5	
279	2.8	1.8	2.6#	

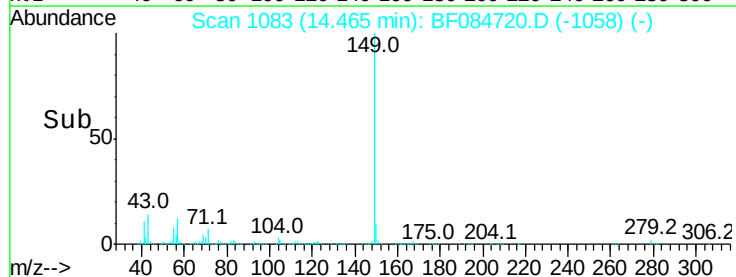
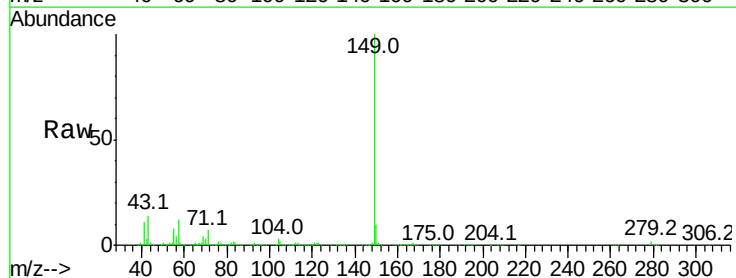
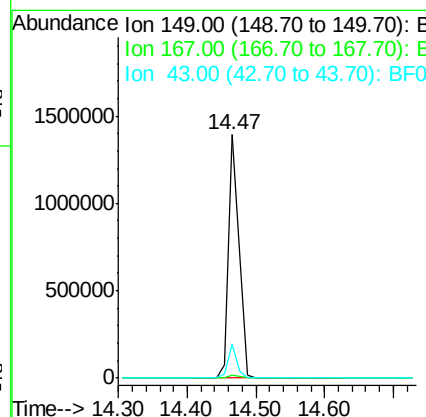
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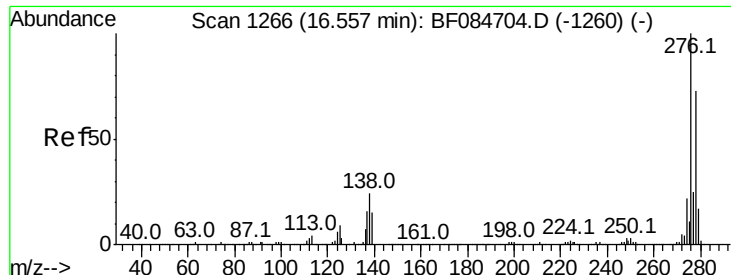
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#84
 Di-n-octyl phthalate
 Concen: 45.46 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.3	5.6	8.4#	





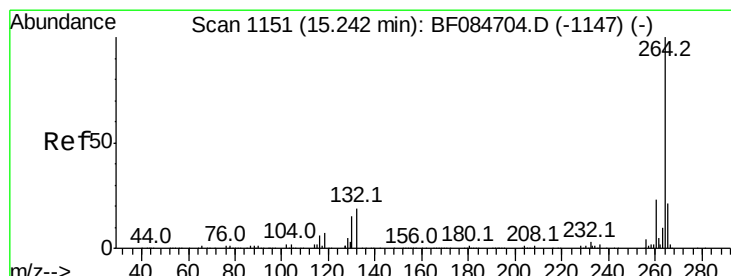
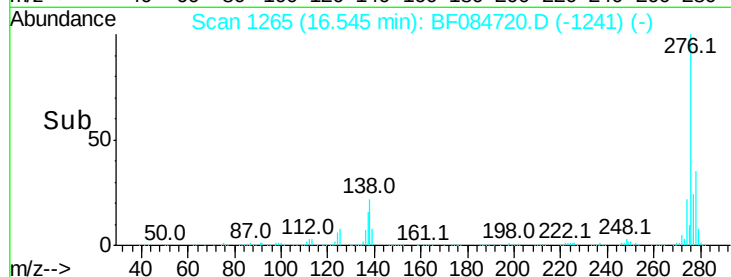
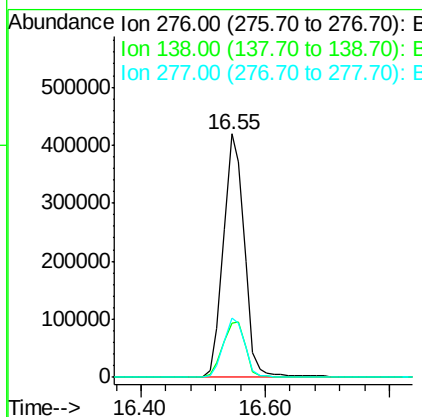
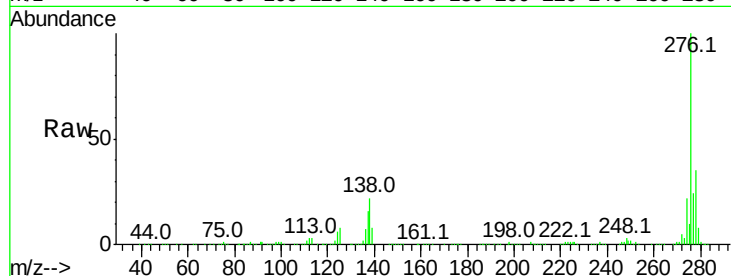
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.55 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.9	20.6	30.8	
277	24.9	20.1	30.1	

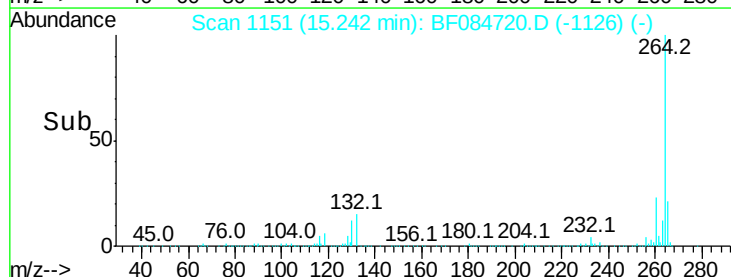
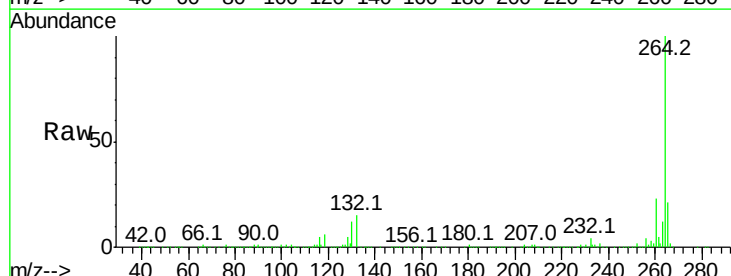
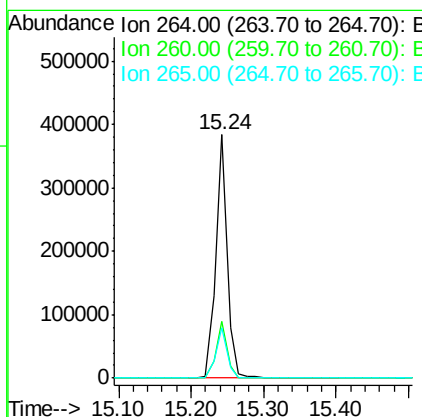
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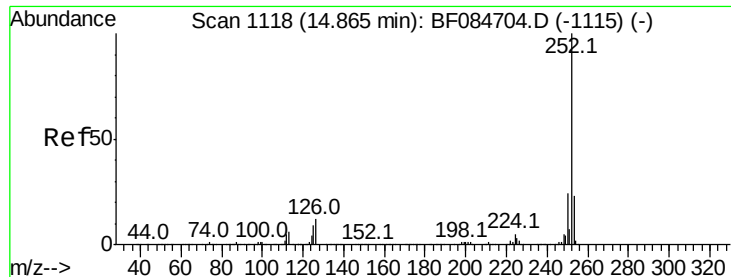
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084720.D
Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	19.4	29.2	
265	20.9	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 44.10 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

ClientSampleId :

PB88019BS

Tot Ion:252 Resp: 1247588

Ion Ratio Lower Upper

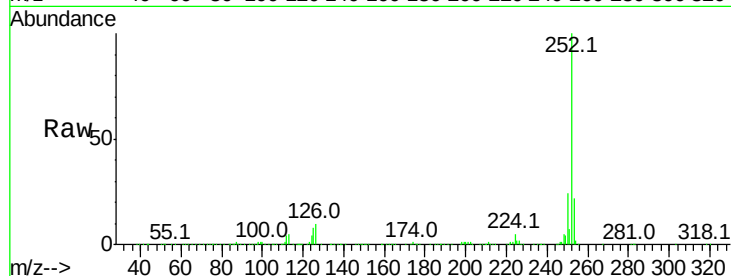
252 100

253 22.0 17.3 25.9

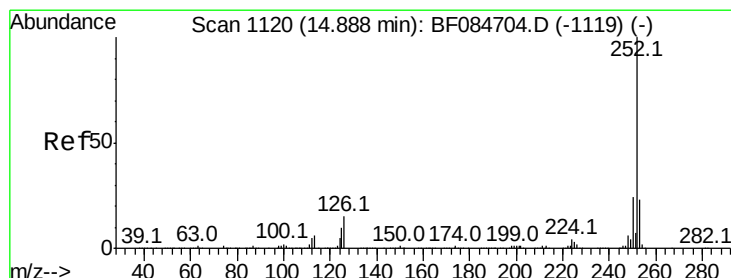
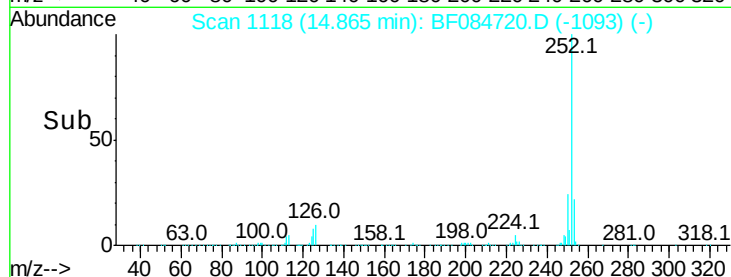
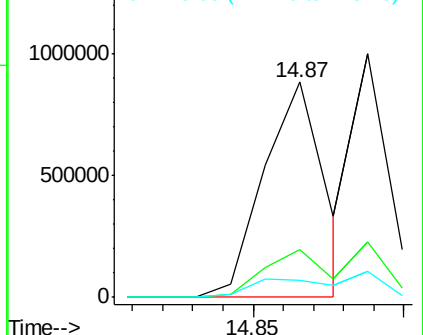
125 7.8 6.5 9.7

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



#88

Benzo(k)fluoranthene

Concen: 36.75 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion:252 Resp: 859648

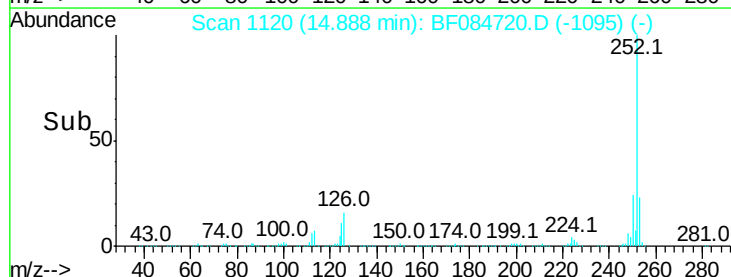
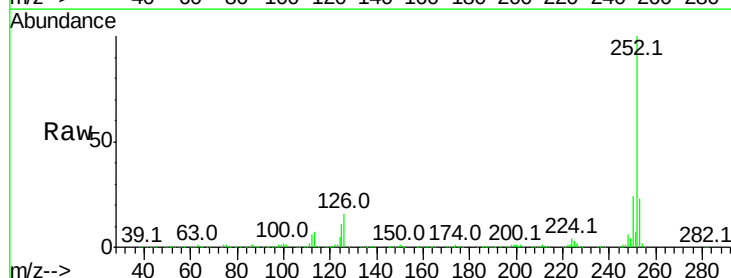
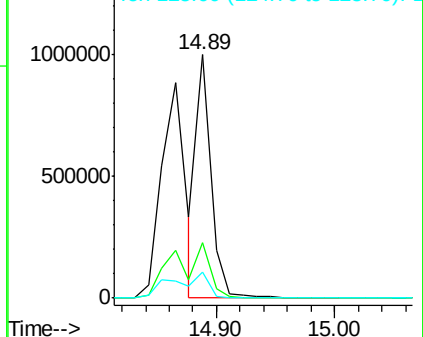
Ion Ratio Lower Upper

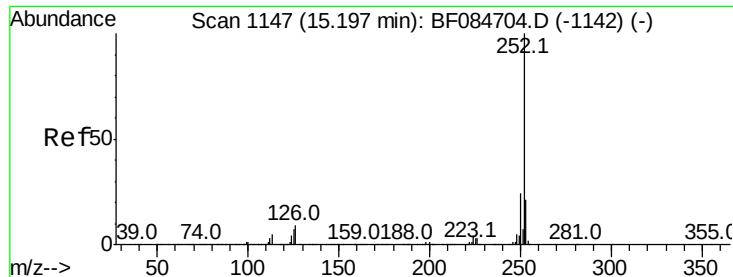
252 100

253 22.6 18.1 27.1

125 10.7 9.0 13.6

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





#89

Benzo(a)pyrene

Concen: 40.49 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Instrument :

BNA_F

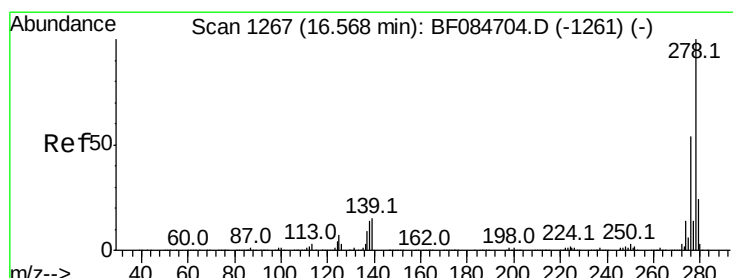
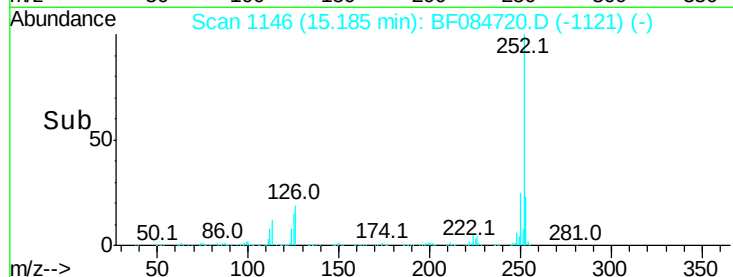
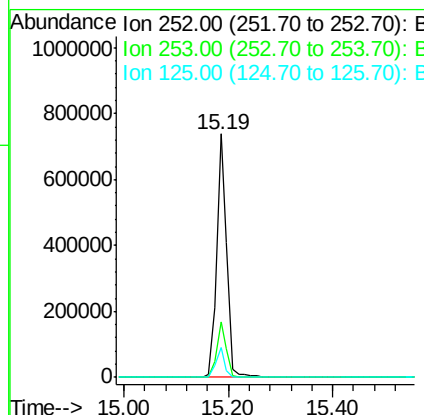
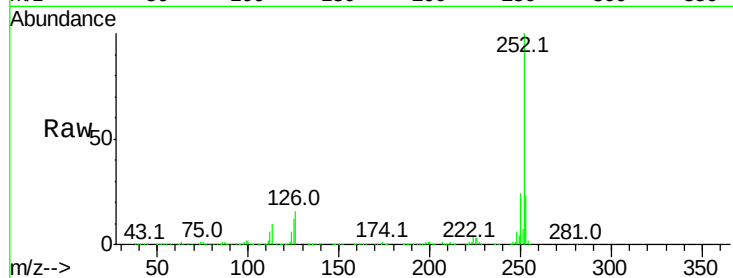
ClientSampleId :

PB88019BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.3	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 40.13 ng

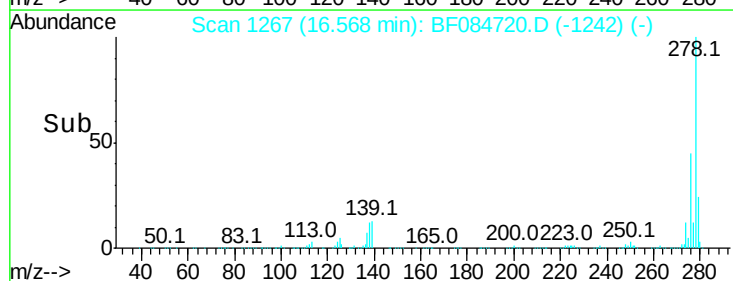
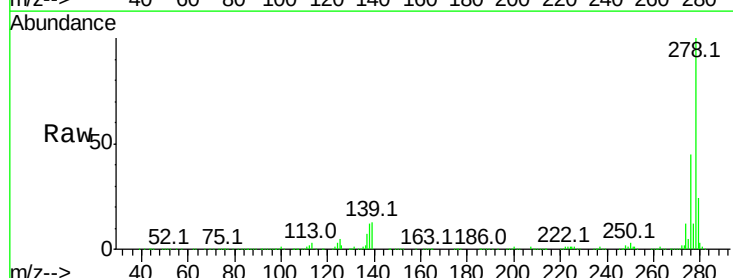
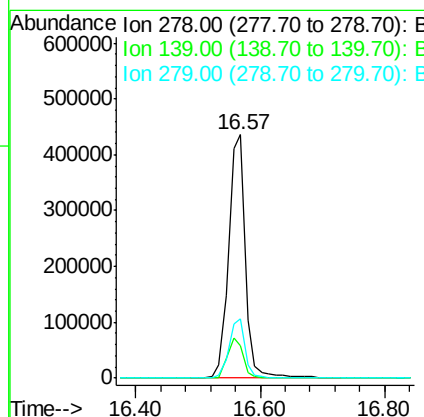
RT: 16.57 min Scan# 1267

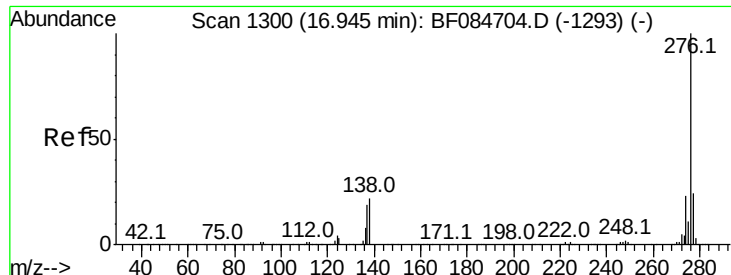
Delta R.T. -0.01 min

Lab File: BF084720.D

Acq: 1 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.0	22.4
279	24.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 40.18 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF084720.D
 Acq: 1 Feb 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BS

Tot Ion:	276	Resp:	821177
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	18.6	17.8	26.6

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