

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084789.D
 Acq On : 3 Feb 2016 17:21
 Operator : SJ/IZ
 Sample : PB88159BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Manual Integrations
 APPROVED

mohammad
 2/4/2016 2:04:29 PM

Quant Time: Feb 04 00:41:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	184199	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	772740	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	348545	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	662869	20.00	ng	0.00
75) Chrysene-d12	13.84	240	485596	20.00	ng	0.00
86) Perylene-d12	15.21	264	374399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1164896	98.50	ng	0.01
7) Phenol-d6	6.34	99	1517796	103.53	ng	0.00
23) Nitrobenzene-d5	7.26	82	976602	71.19	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	409818	112.72	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1695311	80.44	ng	0.00
78) Terphenyl-d14	12.80	244	1630950	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	161668	31.21	ng	# 74
3) Pyridine	2.93	79	475388	35.22	ng	# 74
4) n-Nitrosodimethylamine	2.89	42	240767	34.49	ng	80
6) Aniline	6.35	93	318710	17.77	ng	# 40
8) 2-Chlorophenol	6.48	128	485826	36.29	ng	99
9) Benzaldehyde	6.22	77	170693	19.72	ng	92
10) Phenol	6.35	94	486826	29.64	ng	# 63
11) bis(2-Chloroethyl)ether	6.43	93	444530m	34.71	ng	
12) 1,3-Dichlorobenzene	6.62	146	484137	34.23	ng	# 95
13) 1,4-Dichlorobenzene	6.70	146	500432	35.40	ng	96
14) 1,2-Dichlorobenzene	6.85	146	426575	32.39	ng	95
15) Benzyl Alcohol	6.84	79	379625	37.50	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	696993	32.35	ng	87
17) 2-Methylphenol	6.97	107	395140	37.33	ng	# 91
18) Hexachloroethane	7.20	117	184467	33.88	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	327793	35.67	ng	# 77
20) 3+4-Methylphenols	7.12	107	475498	36.19	ng	# 79
22) Acetophenone	7.10	105	650378	31.93	ng	99
24) Nitrobenzene	7.28	77	475862	32.39	ng	97
25) Isophorone	7.52	82	884138	33.15	ng	98
26) 2-Nitrophenol	7.60	139	266650	36.81	ng	# 90
27) 2,4-Dimethylphenol	7.64	122	421715	33.46	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	527690	33.35	ng	99
29) 2,4-Dichlorophenol	7.85	162	373610	34.65	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	398640	32.73	ng	96
31) Naphthalene	8.00	128	1285086	33.15	ng	99
32) Benzoic acid	7.78	122	260559	32.33	ng	96
33) 4-Chloroaniline	8.05	127	141218	8.81	ng	95
34) Hexachlorobutadiene	8.12	225	235966	33.60	ng	99
35) Caprolactam	8.43	113	118996m	35.81	ng	
36) 4-Chloro-3-methylphenol	8.56	107	454643	36.96	ng	98
37) 2-Methylnaphthalene	8.69	142	931035	38.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	348517	31.48	ng	98
40) Hexachlorocyclopentadiene	8.84	237	349225	73.81	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	260004	36.46	nq	92
43) 2,4,5-Trichlorophenol	9.01	196	255773	35.30	nq	# 82
45) 1,1'-Biphenyl	9.15	154	1009132	32.41	nq	98
46) 2-Chloronaphthalene	9.17	162	754927	32.93	nq	95
47) 2-Nitroaniline	9.28	65	235488	32.44	nq	98
48) Acenaphthylene	9.58	152	1157421	33.27	nq	97
49) Dimethylphthalate	9.47	163	963143	36.28	nq	# 91
50) 2,6-Dinitrotoluene	9.53	165	224292	38.68	nq	# 91
51) Acenaphthene	9.76	154	748381	33.06	nq	97
52) 3-Nitroaniline	9.69	138	104757	16.08	nq	95
53) 2,4-Dinitrophenol	9.80	184	203757	76.41	nq	# 89
54) Dibenzofuran	9.94	168	1098352	39.70	nq	98
55) 4-Nitrophenol	9.87	139	275630	57.55	nq	# 81
56) 2,4-Dinitrotoluene	9.93	165	271690	36.73	nq	# 88
57) Fluorene	10.27	166	802814	34.75	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	206185	37.38	nq	93
59) Diethylphthalate	10.17	149	940243	36.27	nq	96
60) 4-Chlorophenyl-phenylether	10.27	204	385729	38.73	nq	96
61) 4-Nitroaniline	10.30	138	200347	31.55	nq	92
62) Azobenzene	10.43	77	997842	40.03	nq	93
64) 4,6-Dinitro-2-methylphenol	10.34	198	152464	37.27	nq	73
65) n-Nitrosodiphenylamine	10.40	169	807890	38.38	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	259635	35.46	nq	97
67) Hexachlorobenzene	10.82	284	281874	35.33	nq	# 94
68) Atrazine	10.92	200	226333	34.05	nq	99
69) Pentachlorophenol	11.02	266	259468	69.21	nq	99
70) Phenanthrene	11.23	178	1195787	32.52	nq	97
71) Anthracene	11.29	178	1290625	34.84	nq	99
72) Carbazole	11.45	167	1145914	35.47	nq	97
73) Di-n-butylphthalate	11.78	149	1283611	31.21	nq	# 96
74) Fluoranthene	12.42	202	1282453	34.46	nq	92
76) Benzidine	12.55	184	344132	21.46	nq	97
77) Pyrene	12.64	202	1216012	32.71	nq	99
79) Butylbenzylphthalate	13.28	149	591900	35.09	nq	# 84
80) Benzo(a)anthracene	13.83	228	1055002	35.00	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	158220	14.83	nq	# 94
82) Chrysene	13.86	228	918062	31.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	762190	36.31	nq	# 96
84) Di-n-octyl phthalate	14.44	149	1165772	33.67	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	778497	33.84	nq	99
87) Benzo(b)fluoranthene	14.83	252	830030m	33.00	nq	
88) Benzo(k)fluoranthene	14.85	252	847712m	40.76	nq	
89) Benzo(a)pyrene	15.15	252	771115	35.98	nq	# 96
90) Dibenzo(a,h)anthracene	16.51	278	642526	35.61	nq	97
91) Benzo(g,h,i)perylene	16.89	276	662663	36.46	nq	98

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

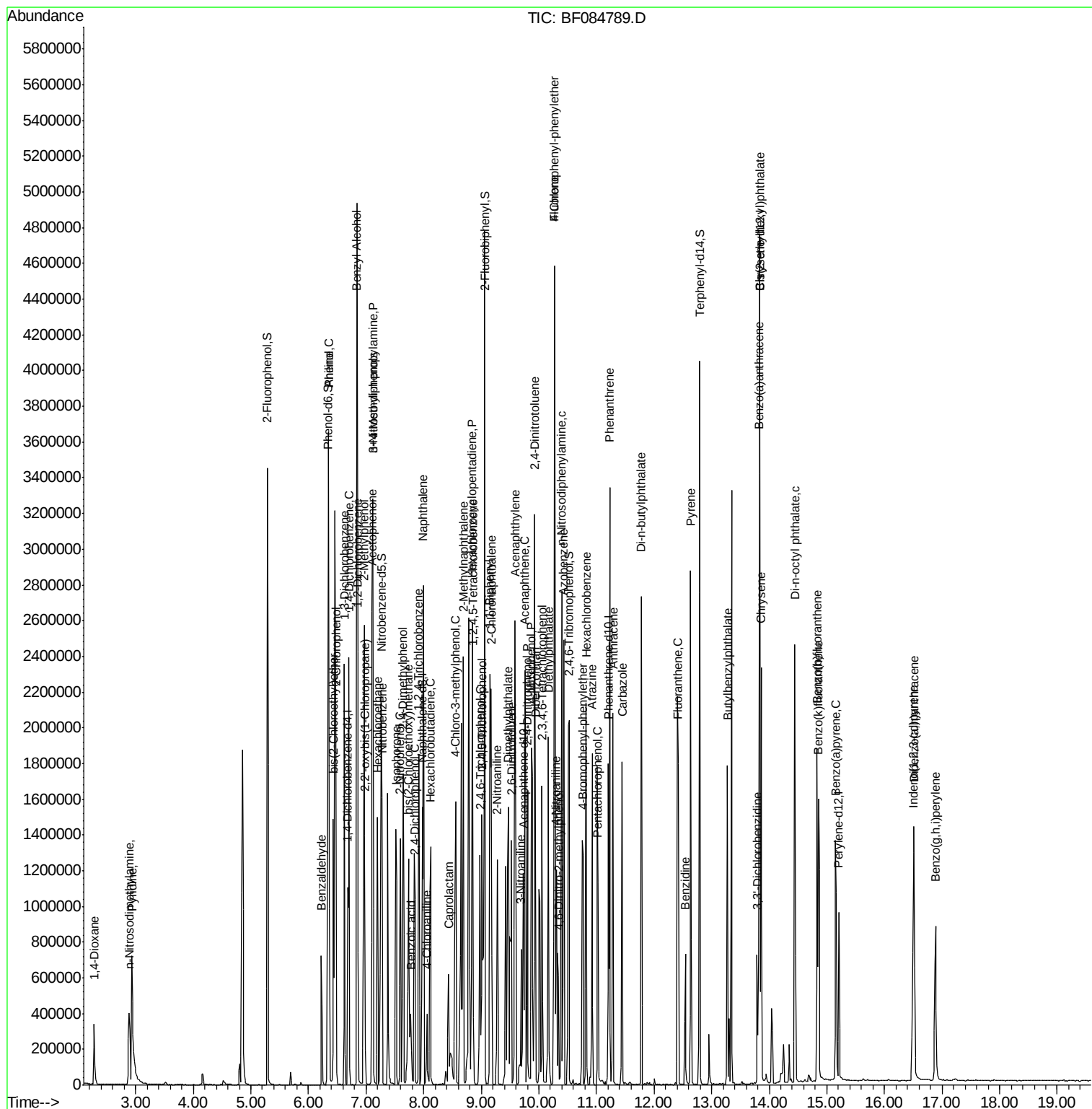
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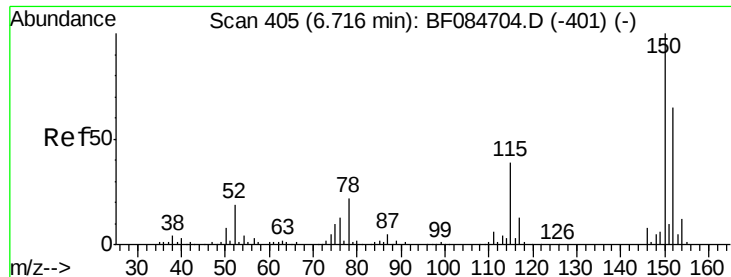
Instrument :
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#1

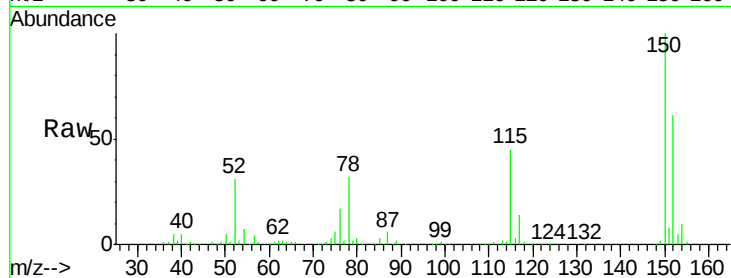
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

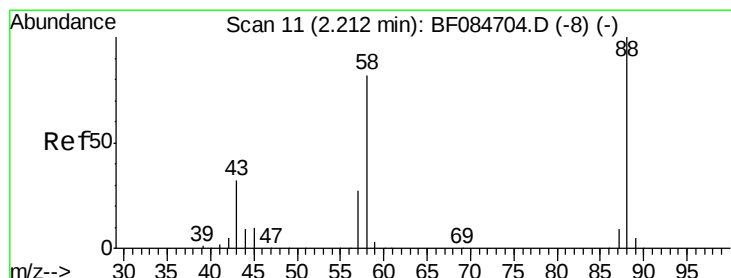
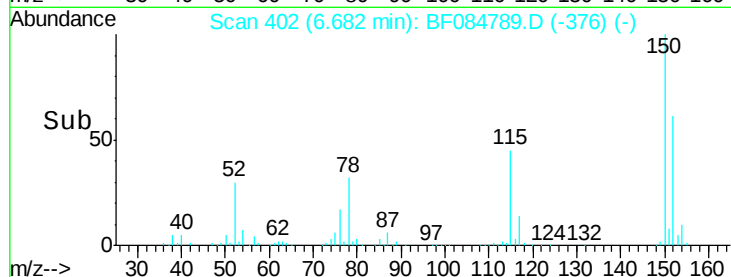
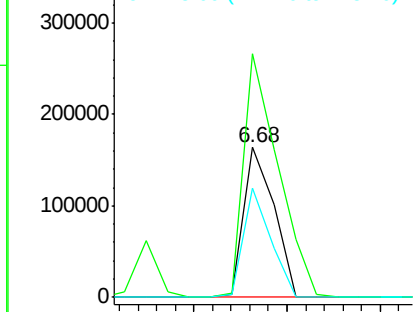
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	123.0	184.4
115	72.7	51.4	77.2

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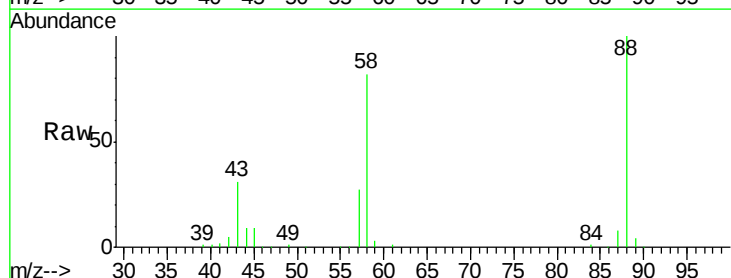
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



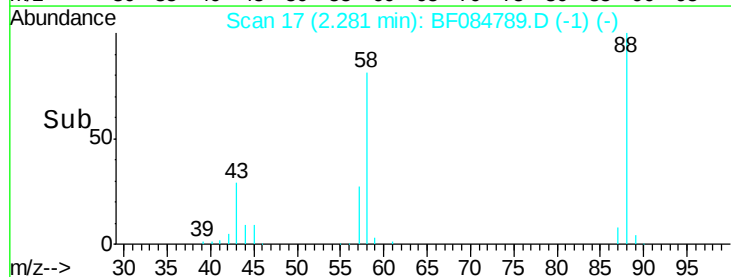
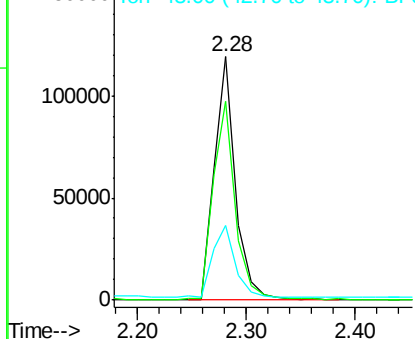
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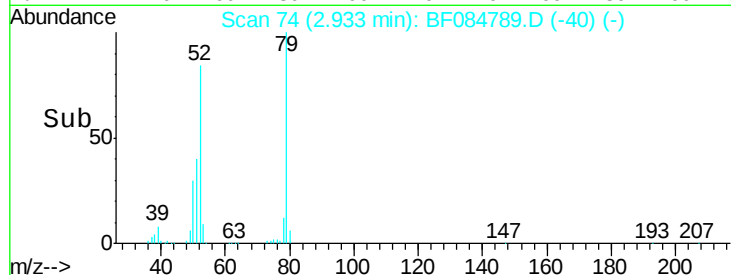
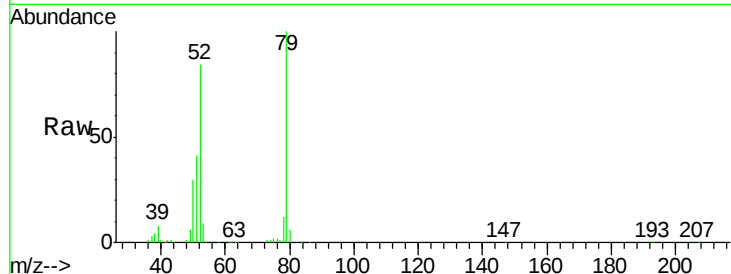
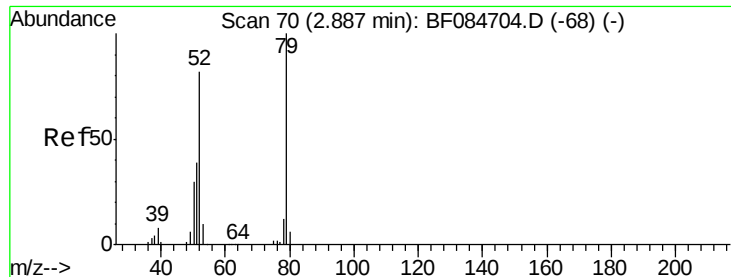
1,4-Dioxane
Concen: 31.21 ng
RT: 2.28 min Scan# 17
Delta R.T. 0.10 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	51.2	76.8#
43	31.3	19.5	29.3#



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





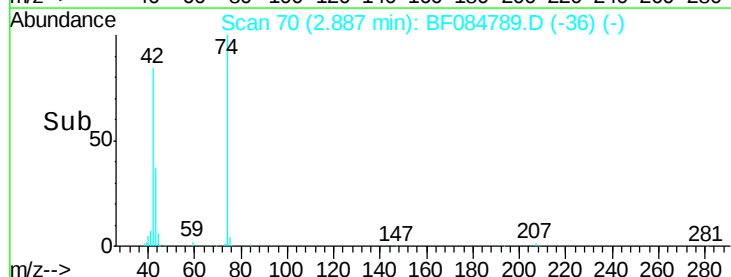
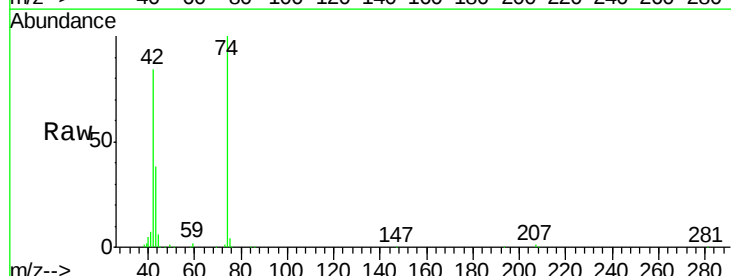
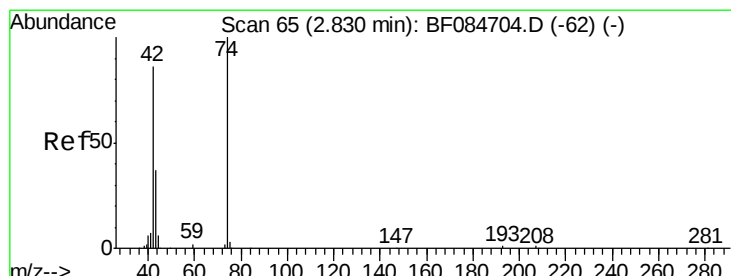
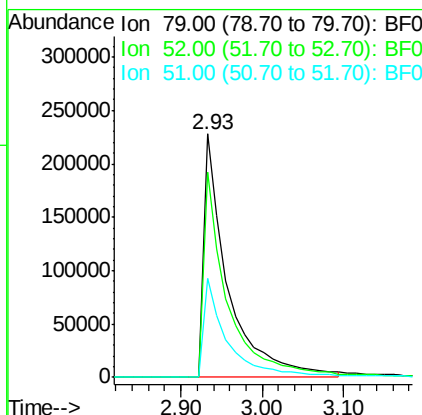
#3
 Pvridine
 Concen: 35.22 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.09 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.3	49.0	73.4#
51	40.5	25.2	37.8#

Instrument :
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 PB88159BS

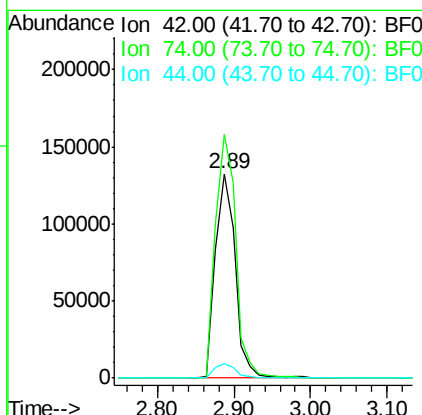
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 34.49 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.09 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.2	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 98.50 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

Tot Ion:112 Resp: 1164896

Ion Ratio Lower Upper

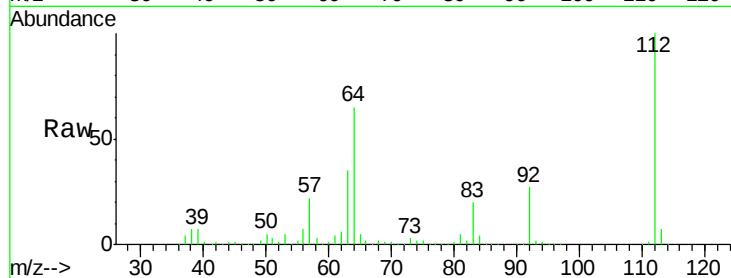
112 100

64 65.5 36.6 55.0#

63 34.6 19.4 29.0#

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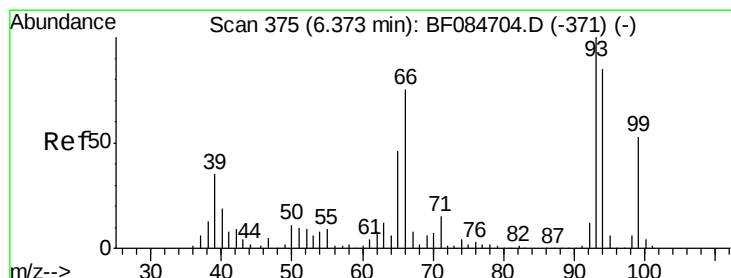
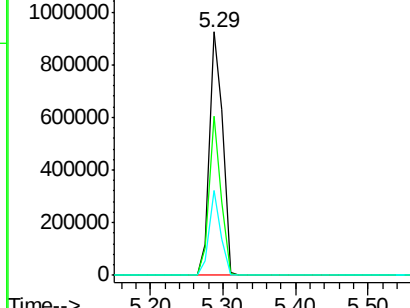
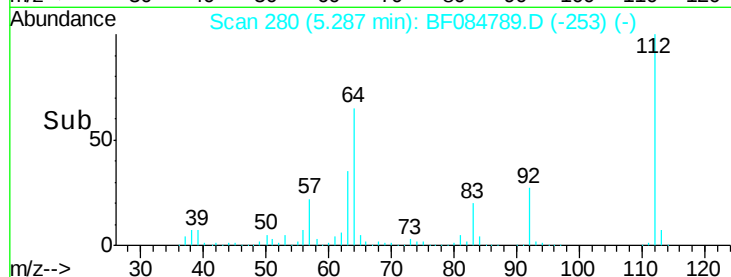
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.77 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

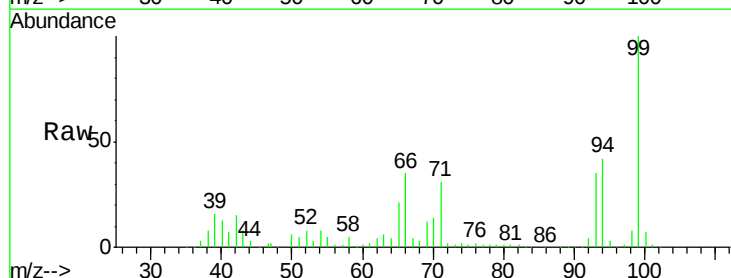
Tgt Ion: 93 Resp: 318710

Ion Ratio Lower Upper

93 100

66 101.7 44.9 67.3#

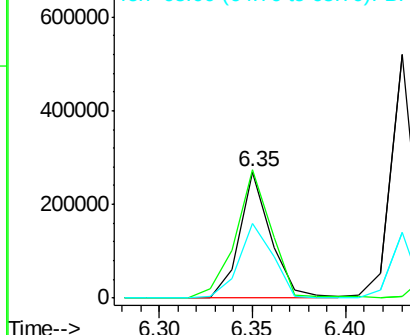
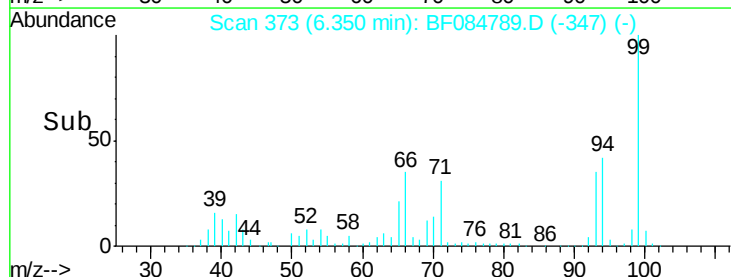
65 59.7 23.7 35.5#

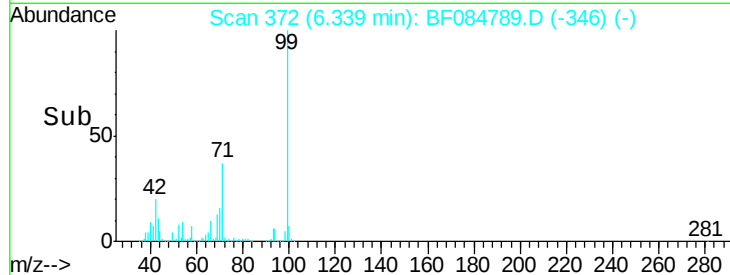
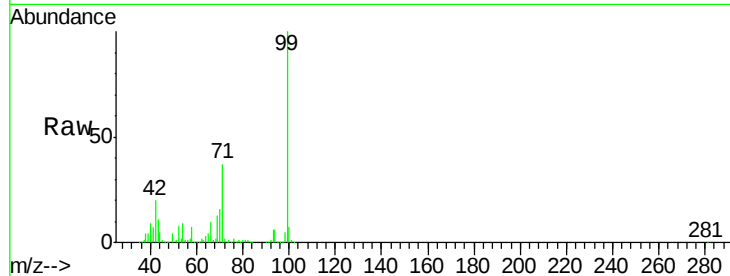


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.53 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tot Ion: 99 Resp: 1517796

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

71 37.5 30.9 46.3

Instrument :

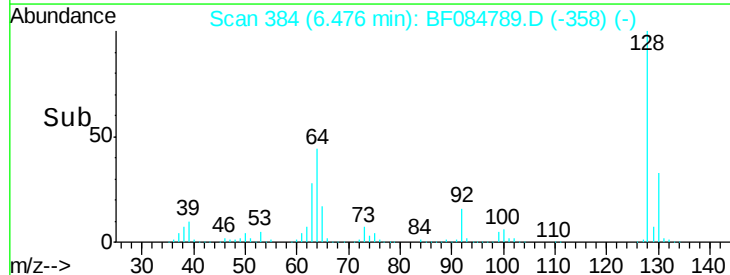
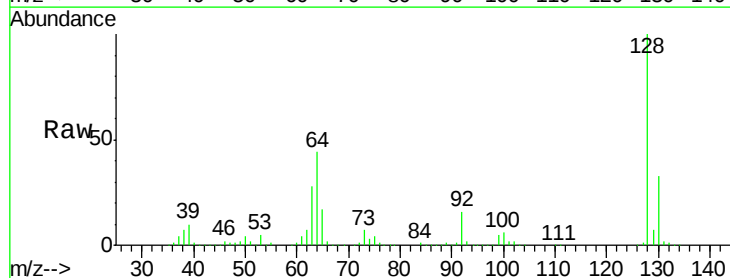
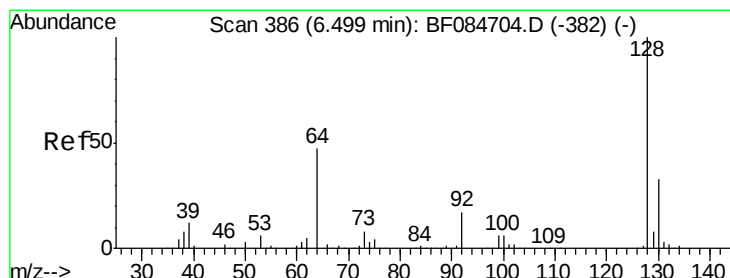
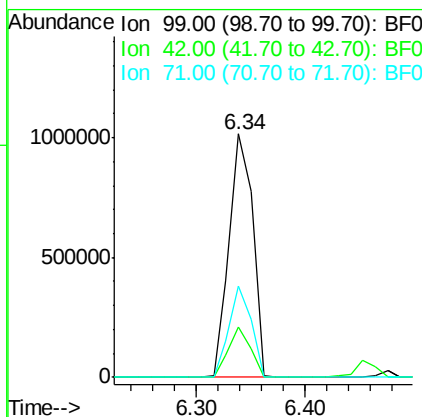
BNA_F

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#8

2-Chlorophenol

Concen: 36.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

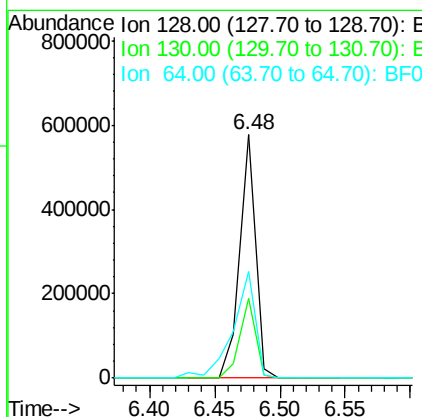
Tgt Ion:128 Resp: 485826

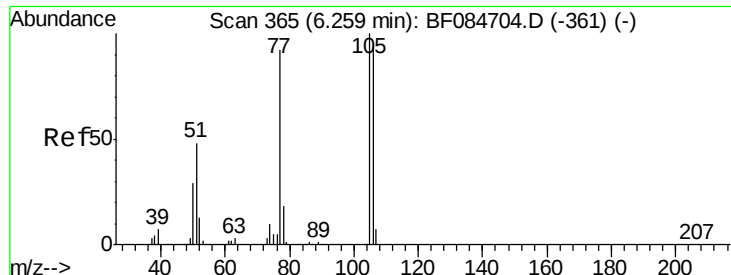
Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

64 43.9 23.8 63.8





#9

Benzaldehyde

Concen: 19.72 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

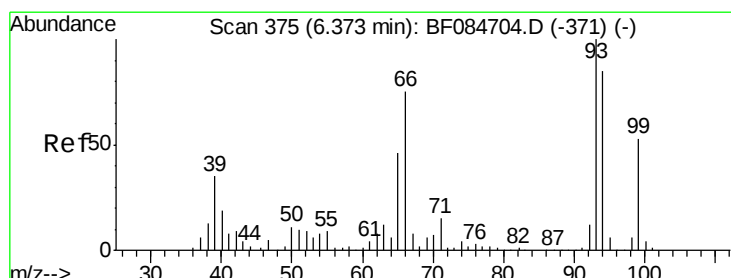
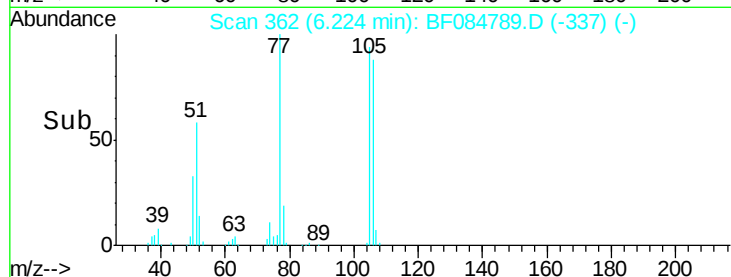
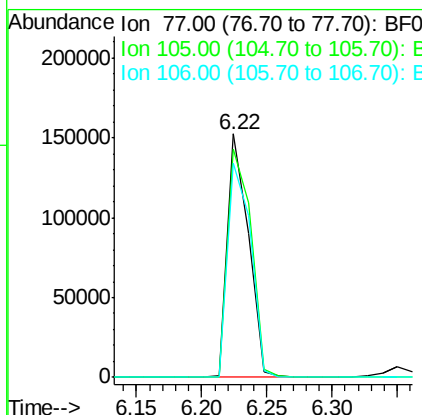
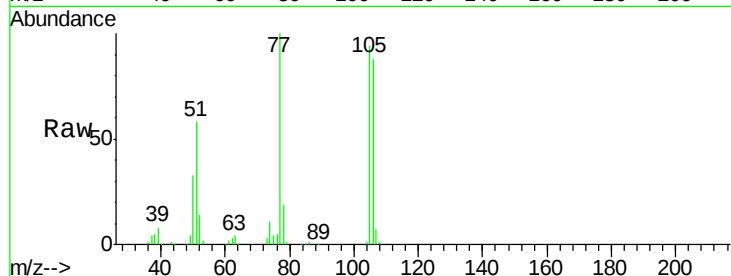
ClientSampleId :

PB88159BS

Tot Ion:	77	Resp:	170693
Ion Ratio	Lower	Upper	
77	100		
105	94.0	83.0	123.0
106	88.2	74.6	114.6

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#10

Phenol

Concen: 29.64 ng

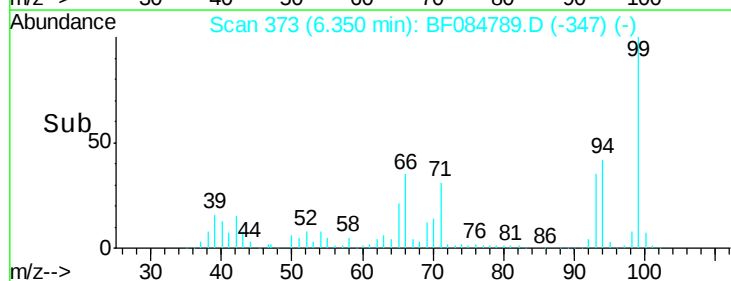
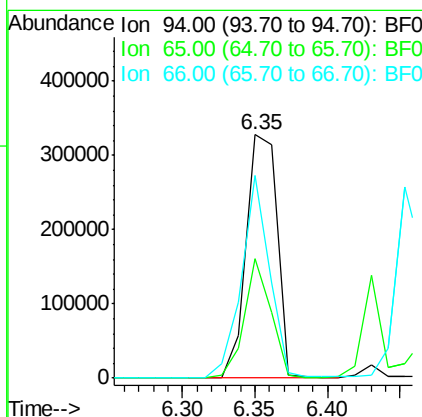
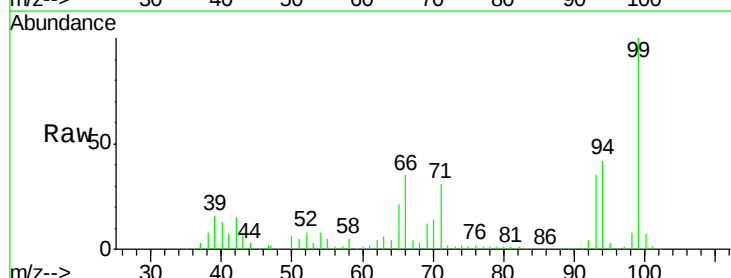
RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	94	Resp:	486826
Ion Ratio	Lower	Upper	
94	100		
65	48.8	12.9	52.9
66	83.2	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 34.71 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

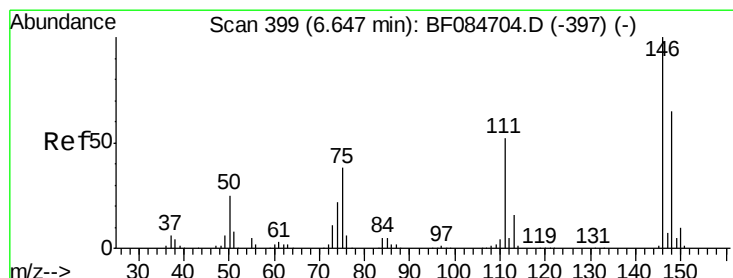
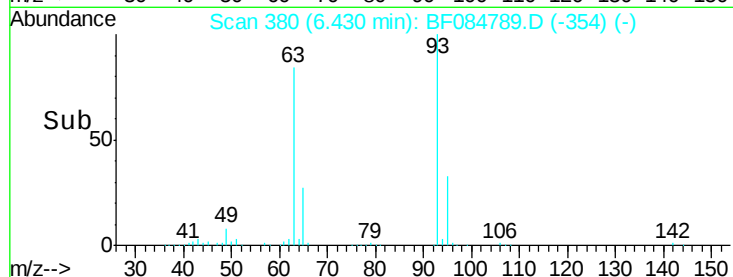
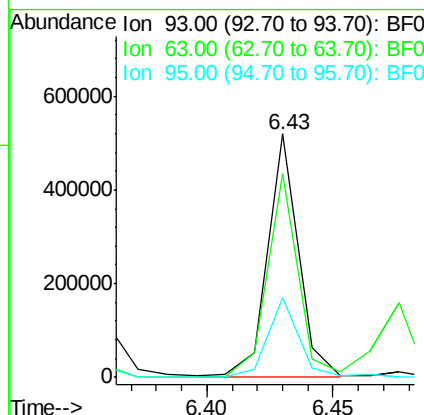
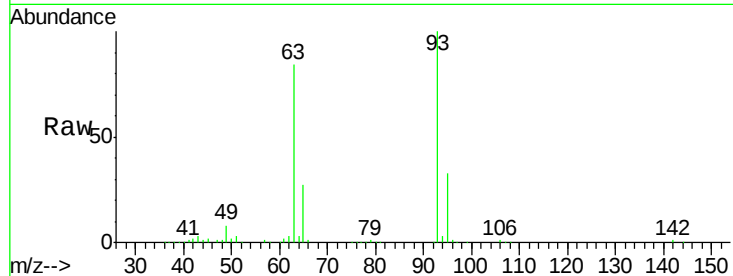
ClientSampleId :

PB88159BS

Tot Ion:	93	Resp:	444530
Ion Ratio	Lower	Upper	
93	100		
63	83.7	45.9	85.9
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 34.23 ng/mL

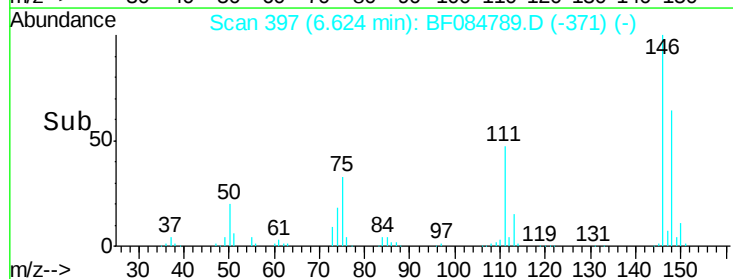
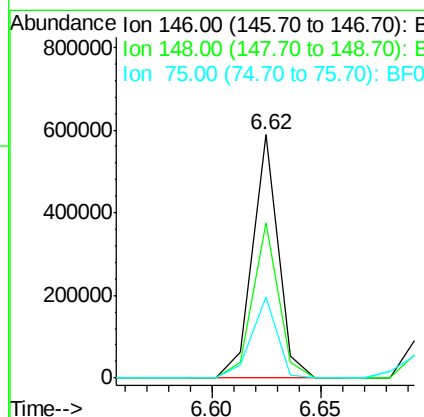
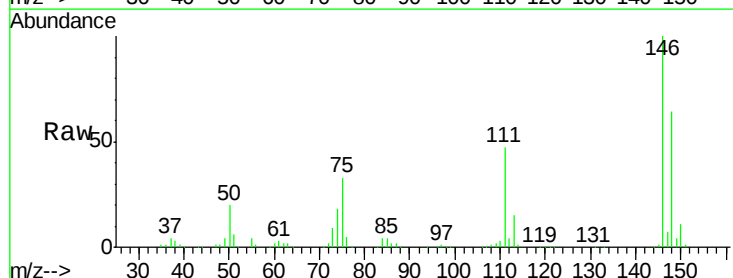
RT: 6.62 min Scan# 397

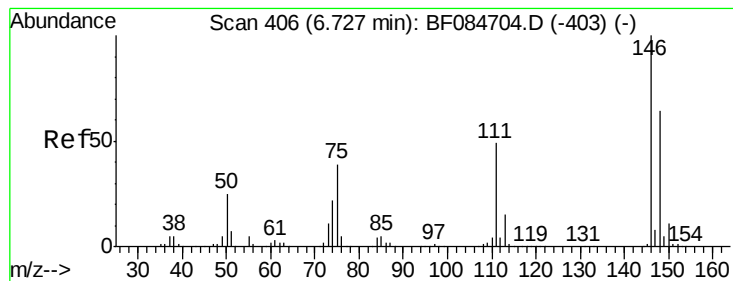
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	146	Resp:	484137
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
75	33.1	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 35.40 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

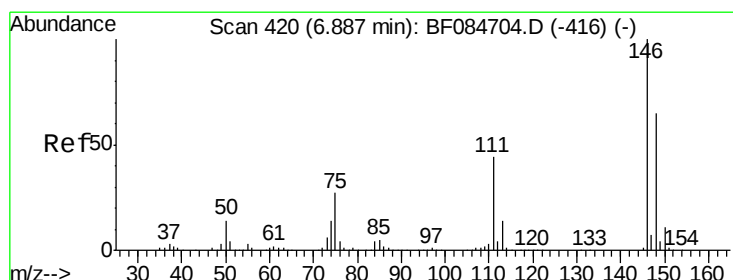
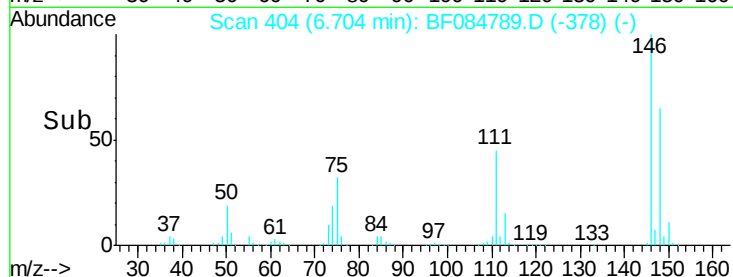
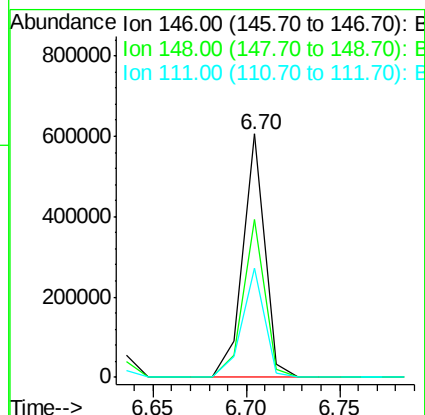
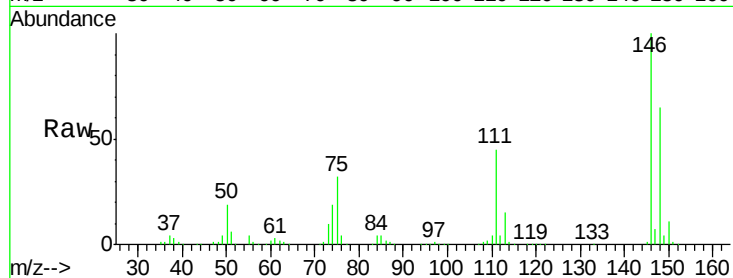
ClientSampleId :

PB88159BS

Tot Ion:	146	Resp:	500432
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
111	45.0	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 32.39 ng

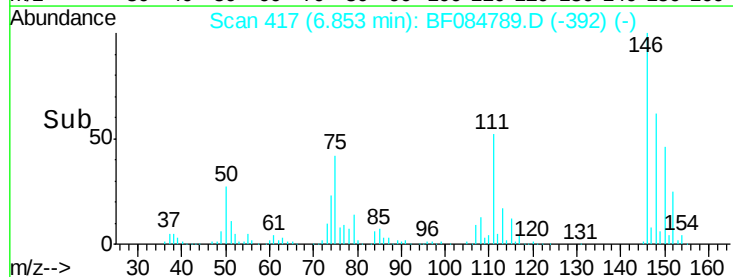
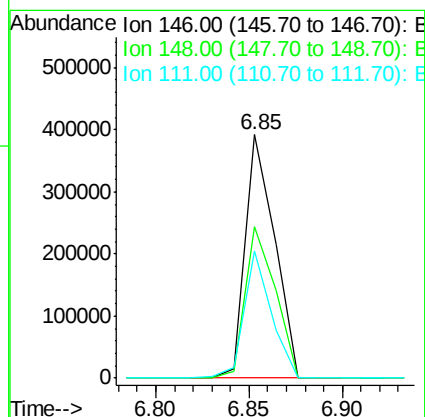
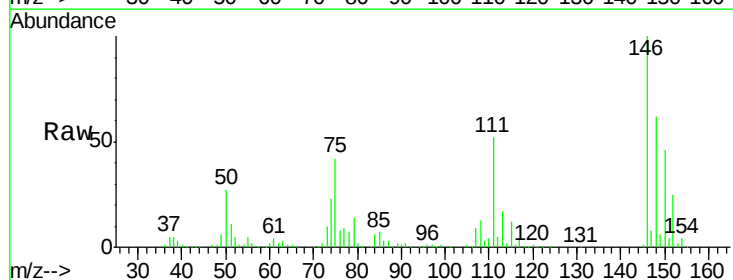
RT: 6.85 min Scan# 417

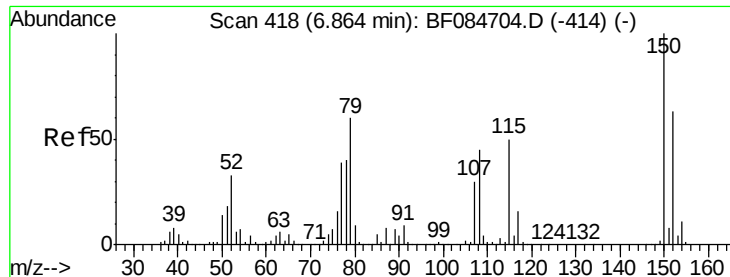
Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	146	Resp:	426575
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.6	77.4
111	52.0	38.0	57.0





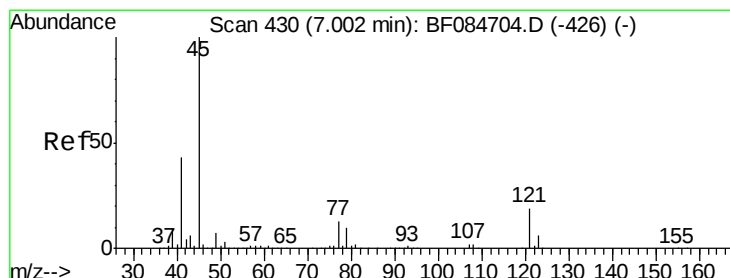
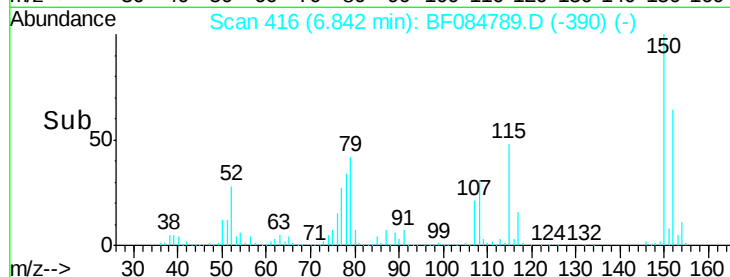
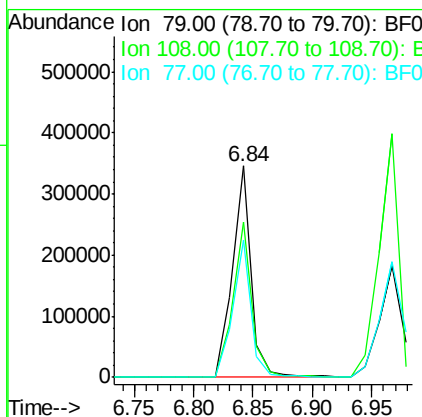
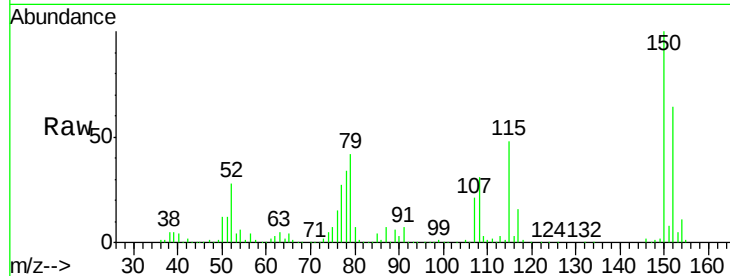
#15
Benzyl Alcohol
Concen: 37.50 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.5	69.0	103.4	
77	64.9	50.0	75.0	

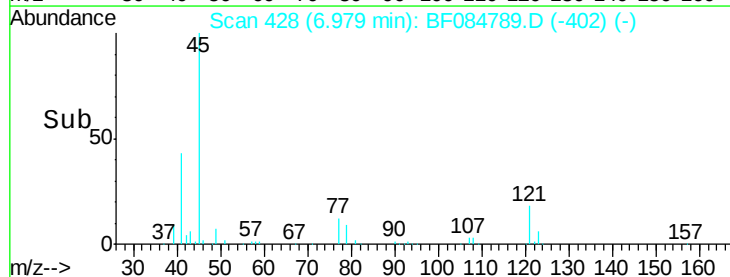
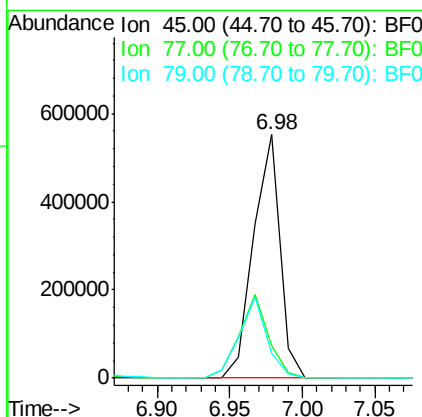
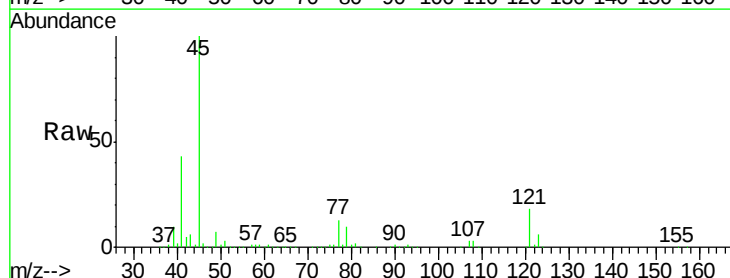
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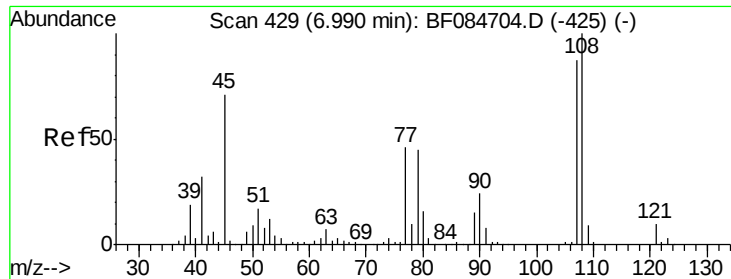
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.35 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.4	0.0	39.6	
79	10.3	0.0	35.0	





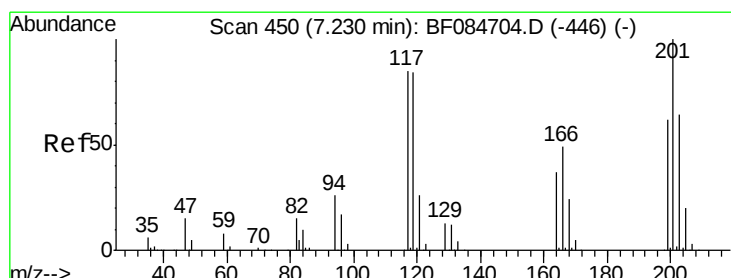
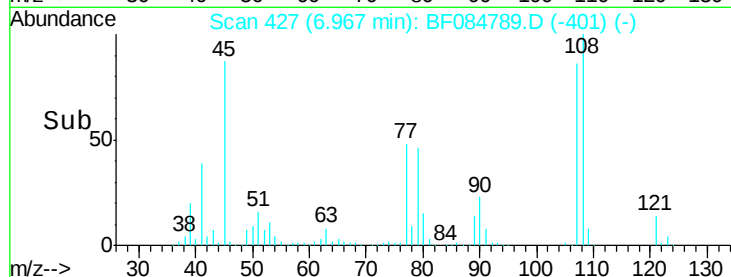
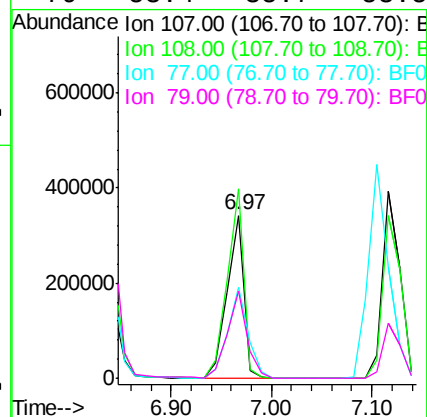
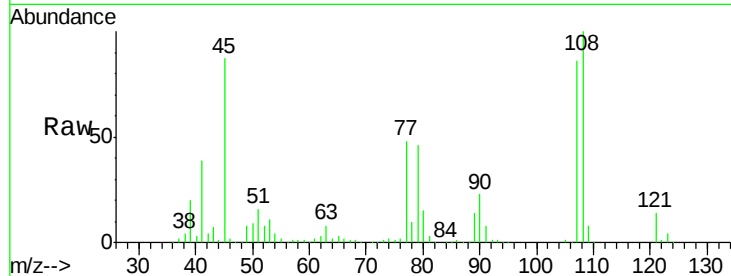
#17
2-Methylphenol
Concen: 37.33 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion:	107	Resp:	395140
Ion Ratio	Lower	Upper	
107	100		
108	116.4	89.8	134.6
77	55.5	35.7	53.5
79	53.4	35.7	53.5

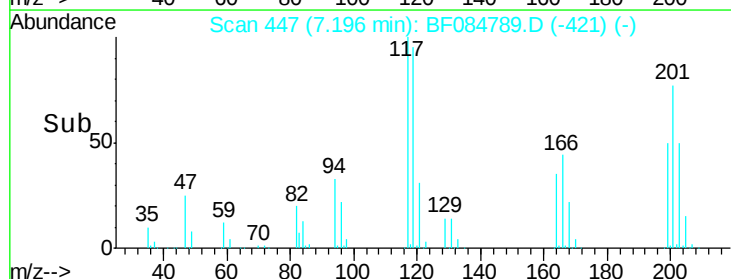
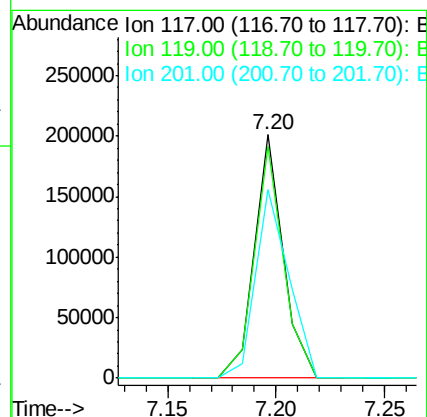
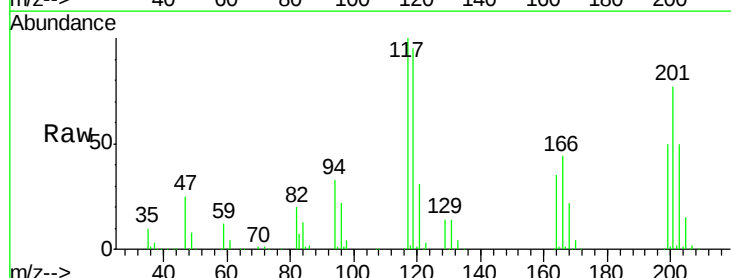
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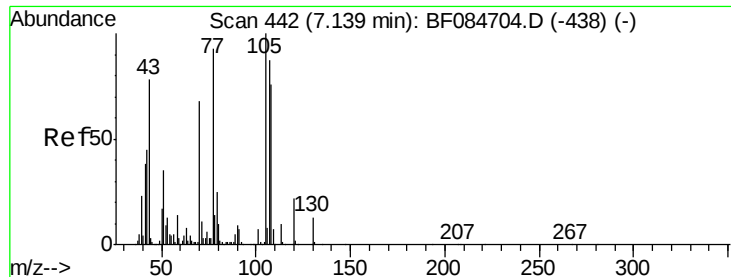
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#18
Hexachloroethane
Concen: 33.88 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion:	117	Resp:	184467
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.4	116.0
201	77.2	68.6	103.0





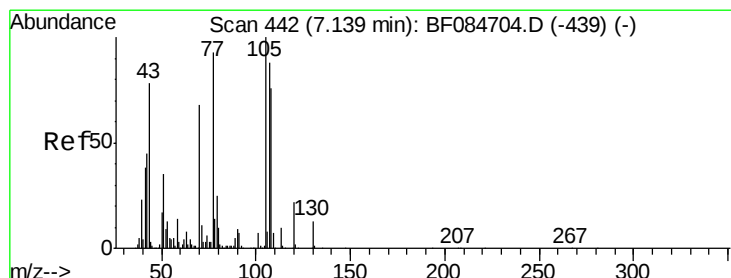
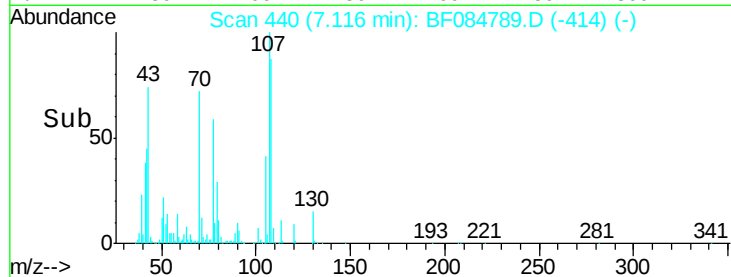
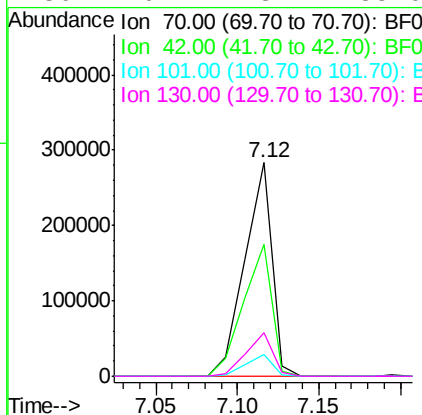
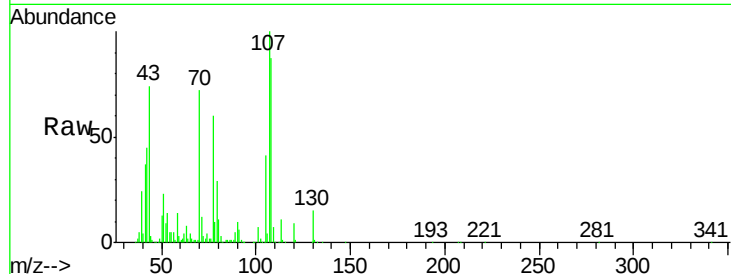
#19
n-Nitroso-di-n-propylamine
Concen: 35.67 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		327793		
42	62.0	33.3	49.9#		
101	10.2	9.3	13.9		
130	20.2	23.4	35.0#		

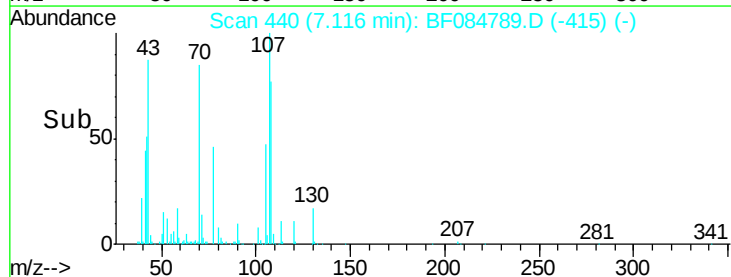
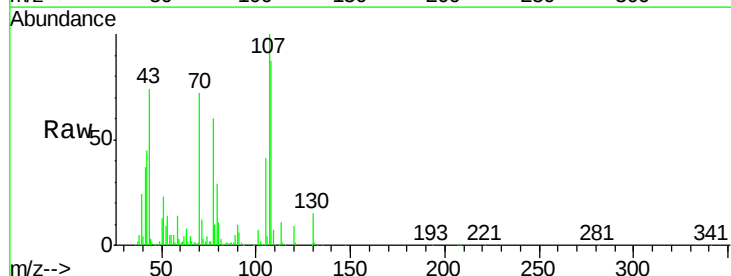
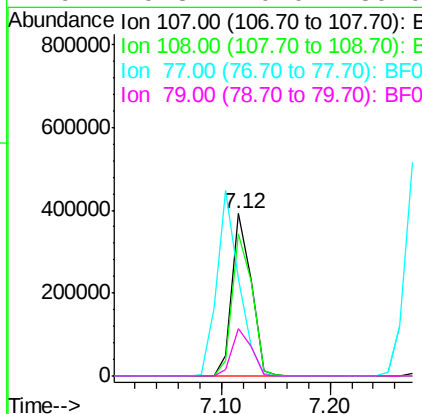
Manual Integrations
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#20
3+4-Methylphenols
Concen: 36.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		475498		
108	87.4	74.6	114.6		
77	59.5	0.7	40.7#		
79	29.3	0.0	39.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

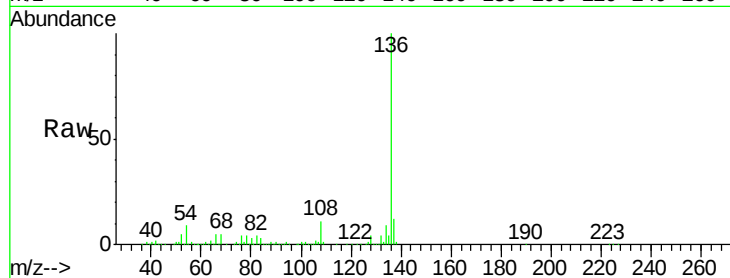
ClientSampled :

PB88159BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		772740		
137	11.6	8.7	13.1		
54	9.5	5.8	8.8		
68	5.0	4.2	6.2		

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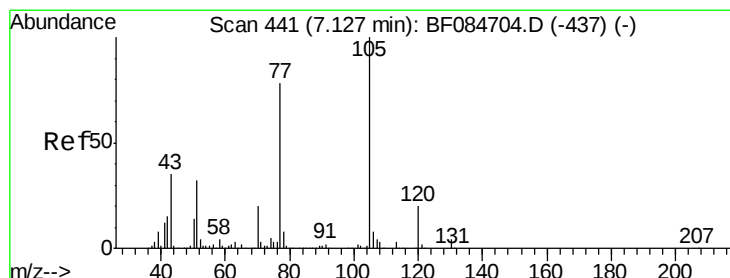
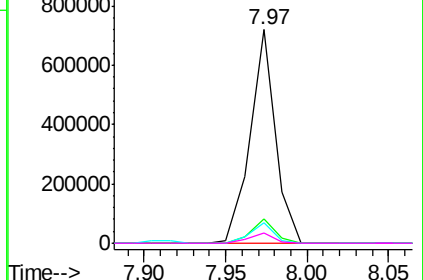
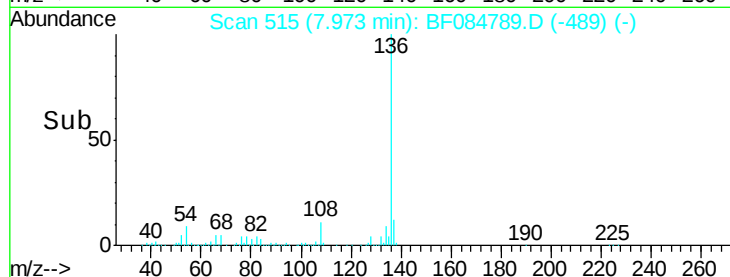


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.93 ng

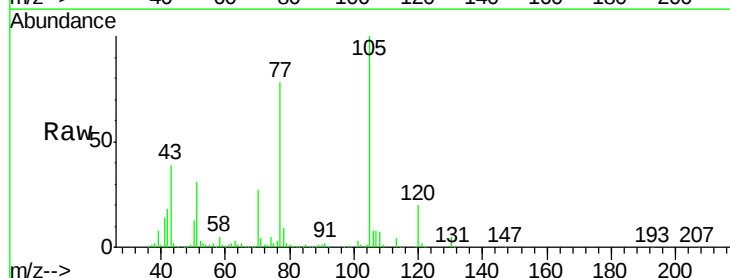
RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		650378		
71	4.4	3.7	5.5		
51	31.1	25.1	37.7		
120	20.5	16.6	25.0		

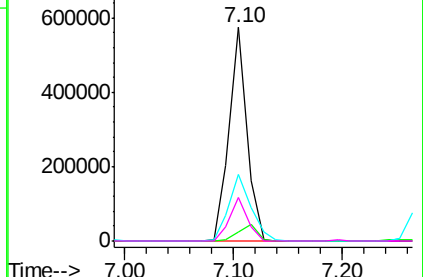
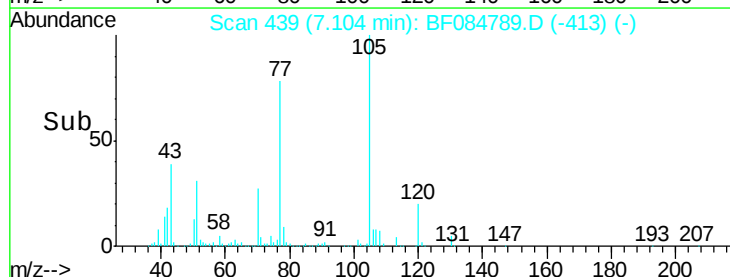


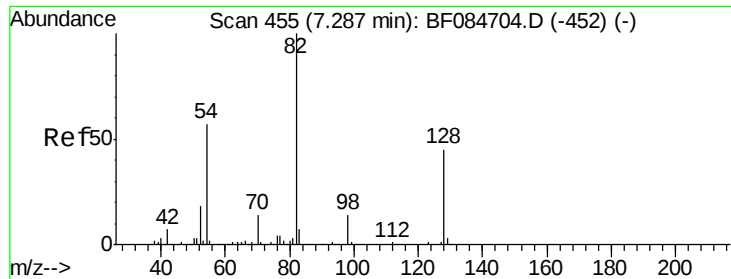
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.19 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

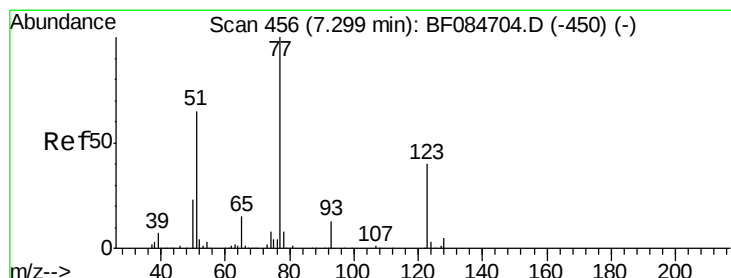
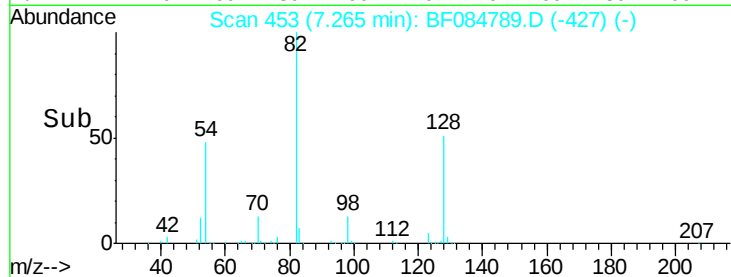
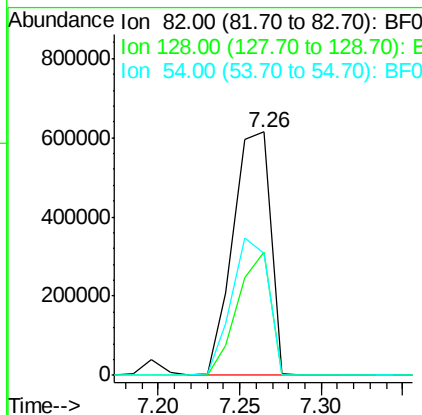
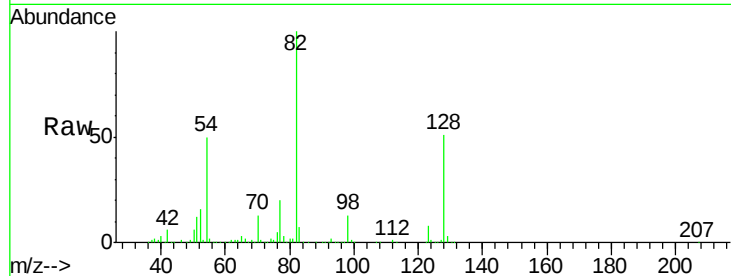
ClientSampleId :

PB88159BS

Tot Ion:	82	Resp:	976602
Ion Ratio	Lower	Upper	
82	100		
128	50.6	34.6	51.8
54	50.2	38.4	57.6

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#24

Nitrobenzene

Concen: 32.39 ng

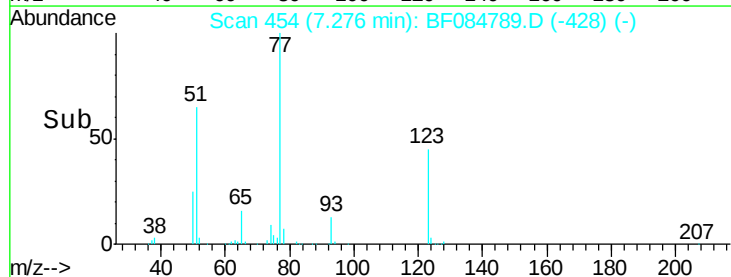
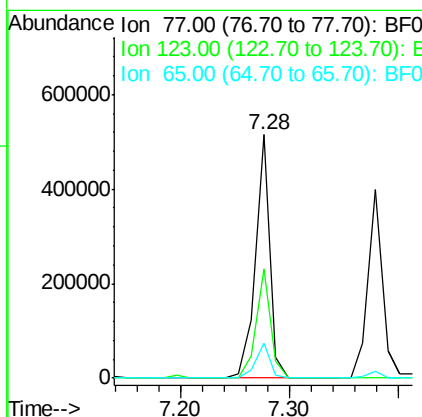
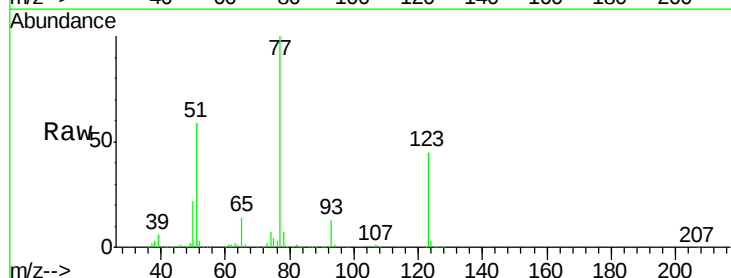
RT: 7.28 min Scan# 454

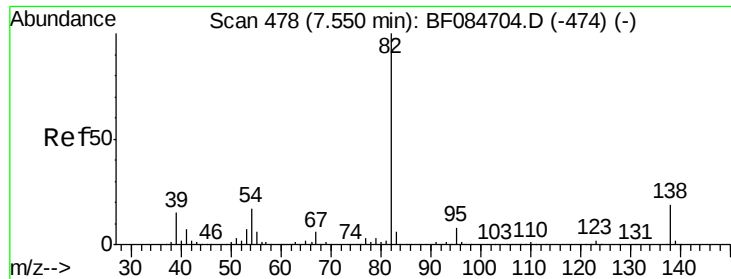
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	77	Resp:	475862
Ion Ratio	Lower	Upper	
77	100		
123	44.6	37.4	56.2
65	14.1	10.9	16.3





#25

Isophorone

Concen: 33.15 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

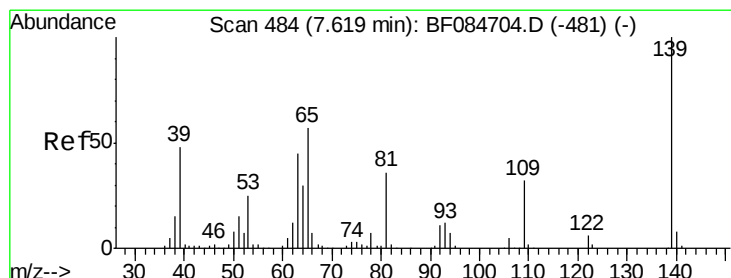
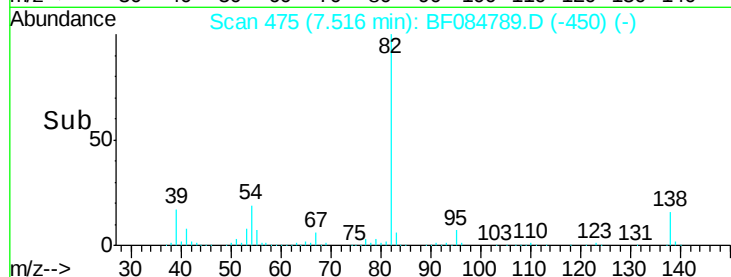
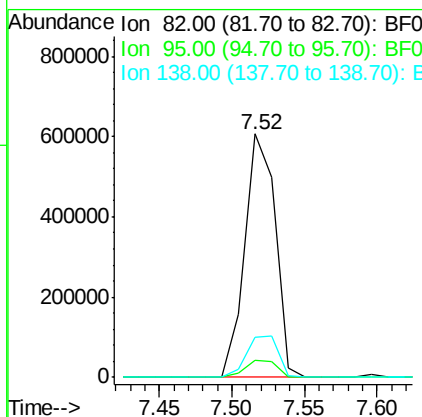
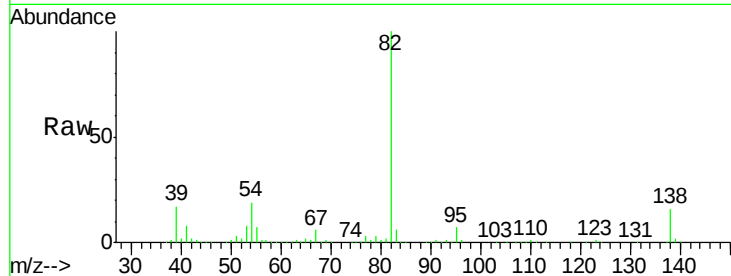
ClientSampleId :

PB88159BS

Tot Ion:	82	Resp:	884138
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.6	10.0
138	16.2	13.6	20.4

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#26

2-Nitrophenol

Concen: 36.81 ng

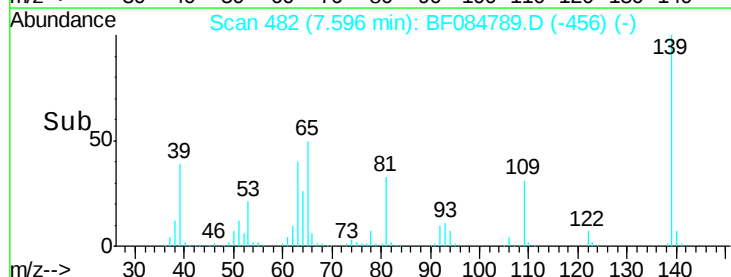
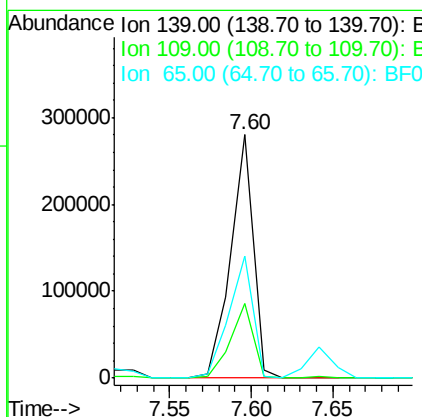
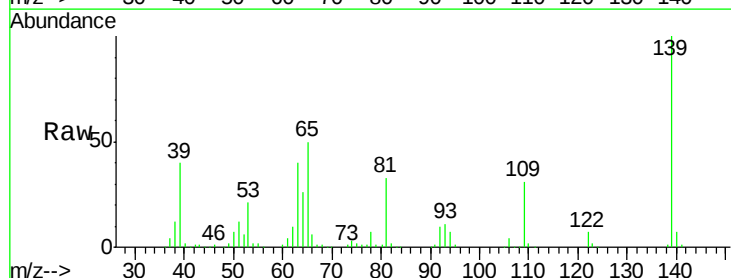
RT: 7.60 min Scan# 482

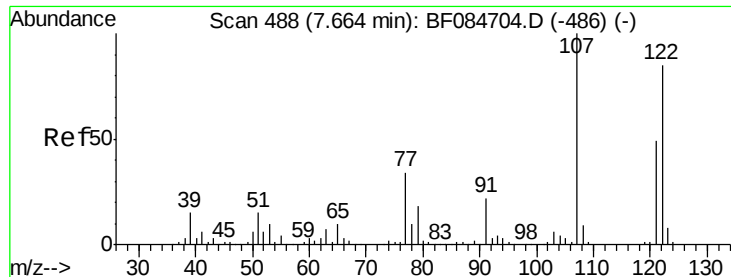
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	139	Resp:	266650
Ion Ratio	Lower	Upper	
139	100		
109	30.5	25.4	38.2
65	50.2	32.3	48.5#





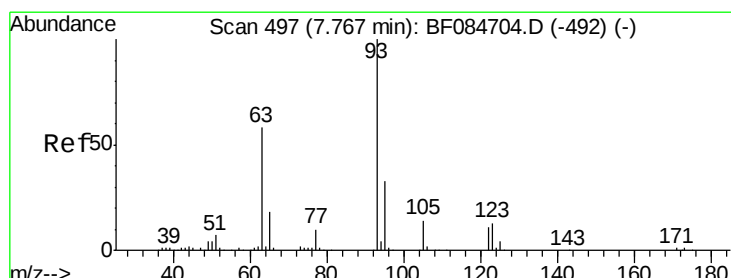
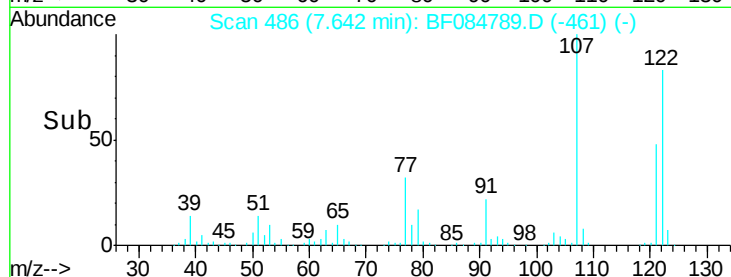
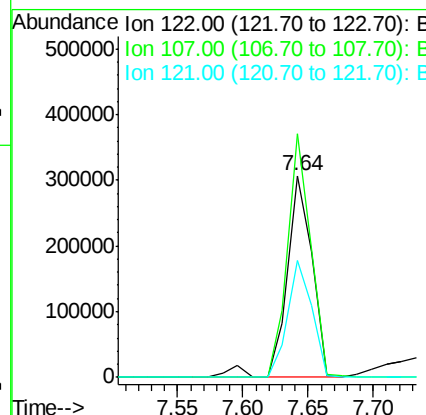
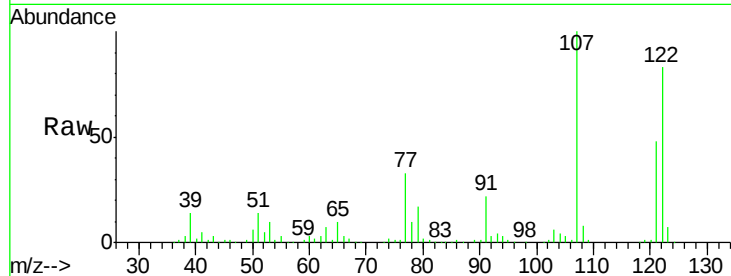
#27
 2,4-Dimethylphenol
 Concen: 33.46 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	421715		
107	120.7	99.1	148.7	
121	57.9	47.9	71.9	

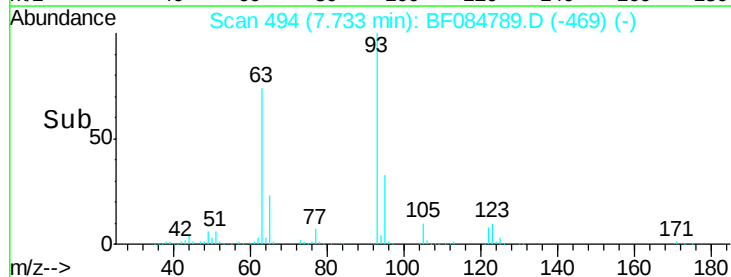
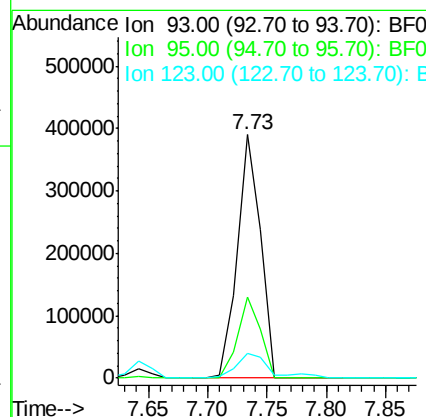
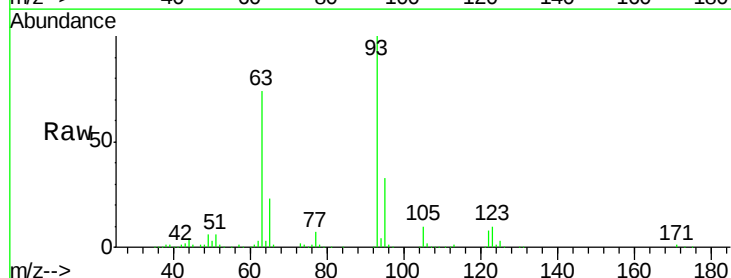
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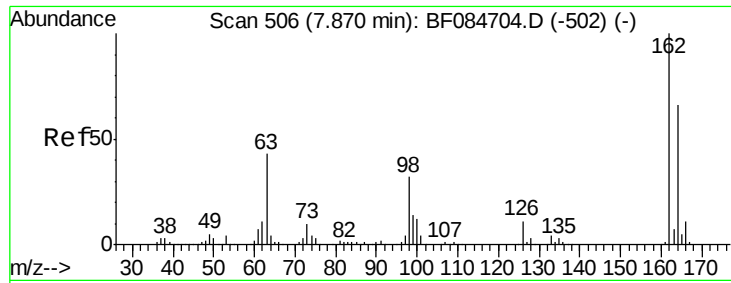
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.35 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	527690		
95	33.1	25.8	38.6	
123	10.4	8.6	12.8	





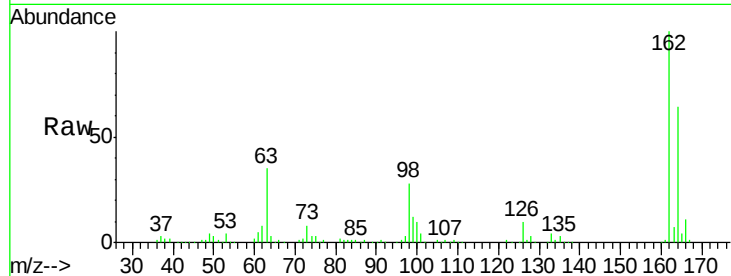
#29
 2,4-Dichlorophenol
 Concen: 34.65 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

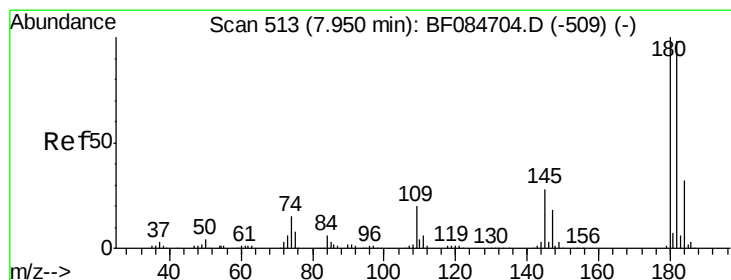
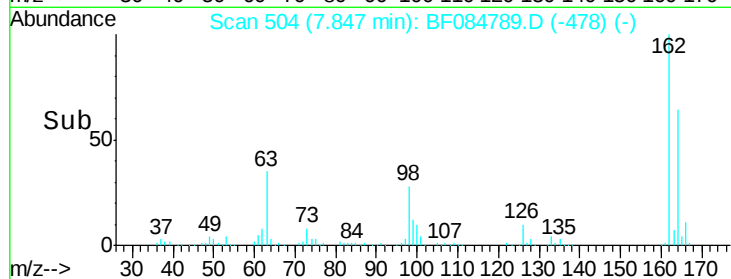
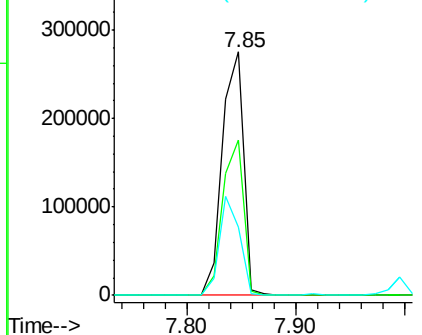
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.1	84.1
98	27.8	20.2	60.2

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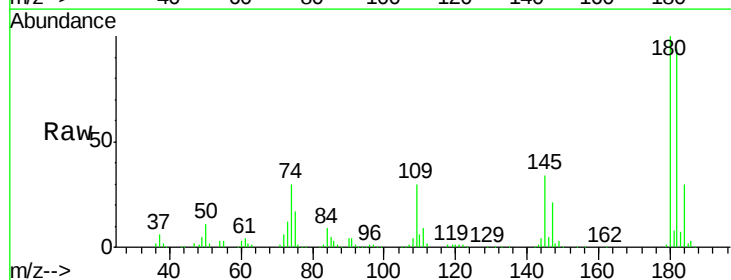


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

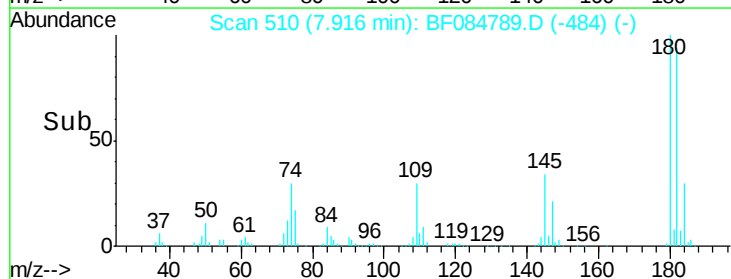
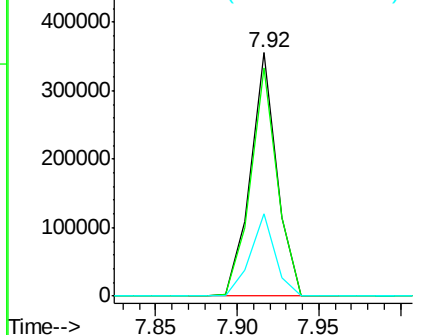


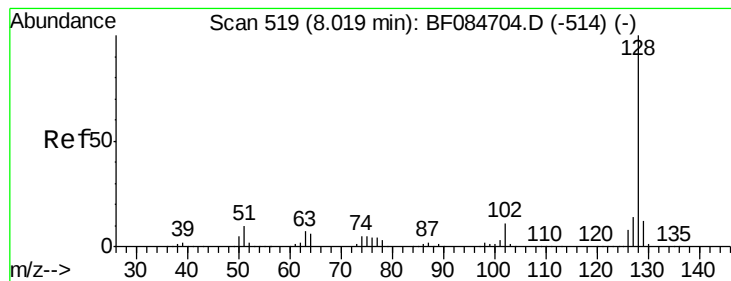
#30
 1,2,4-Trichlorobenzene
 Concen: 32.73 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	76.4	114.6
145	33.9	31.6	47.4



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





#31

Naphthalene

Concen: 33.15 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

Tot Ion:128 Resp: 1285086

Ion Ratio Lower Upper

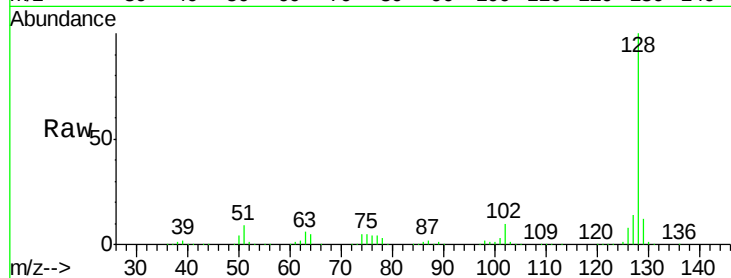
128 100

129 11.8 9.1 13.7

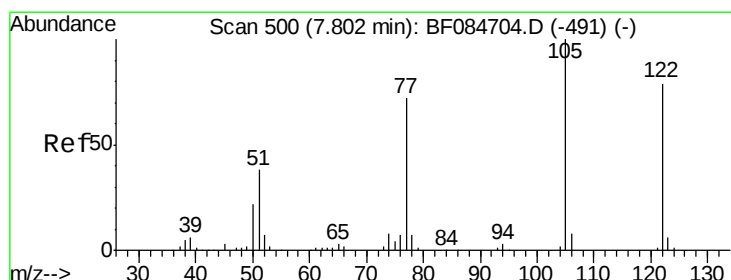
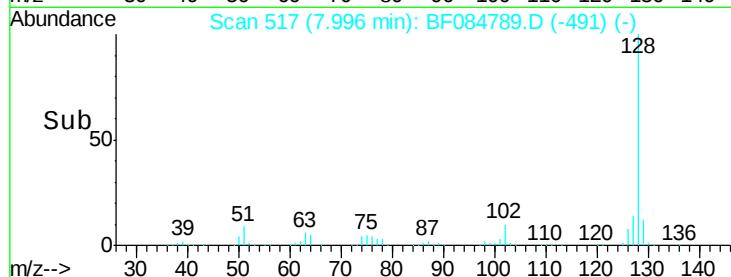
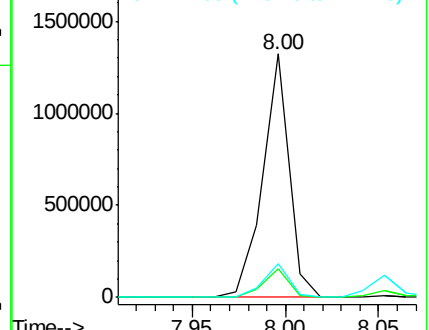
127 13.8 11.1 16.7

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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: 32.33 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

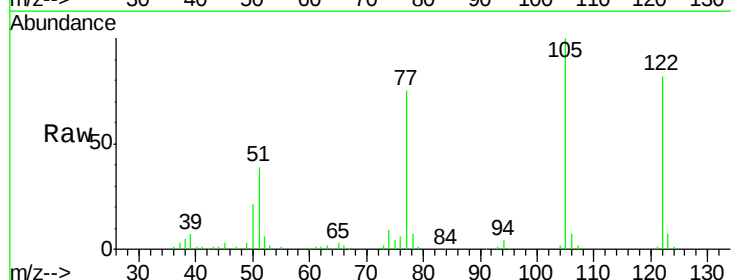
Tgt Ion:122 Resp: 260559

Ion Ratio Lower Upper

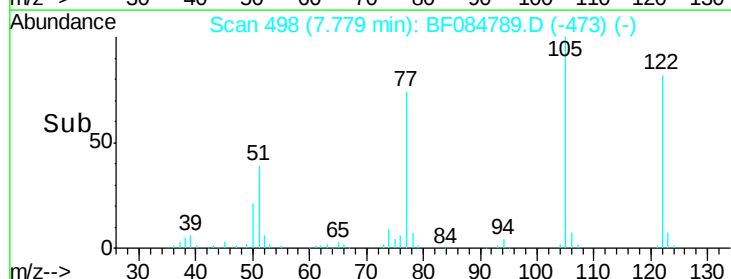
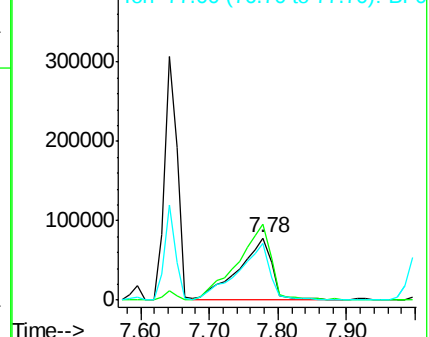
122 100

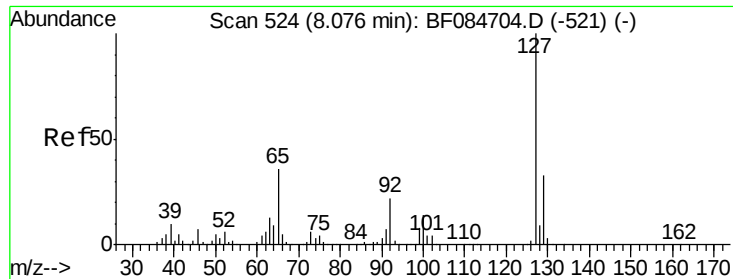
105 121.8 100.3 140.3

77 91.0 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





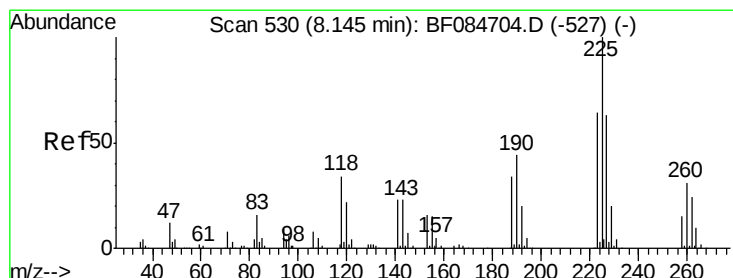
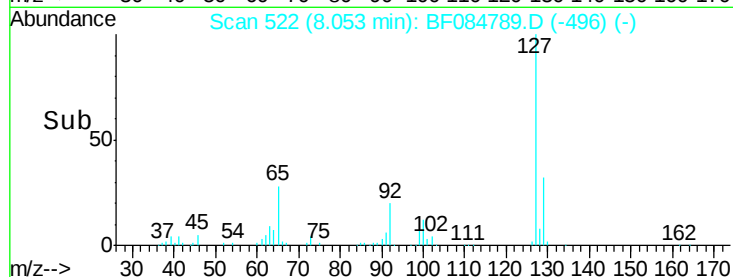
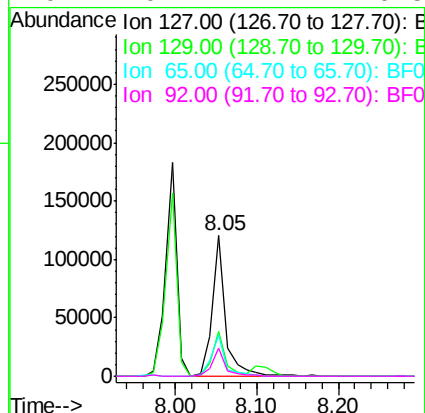
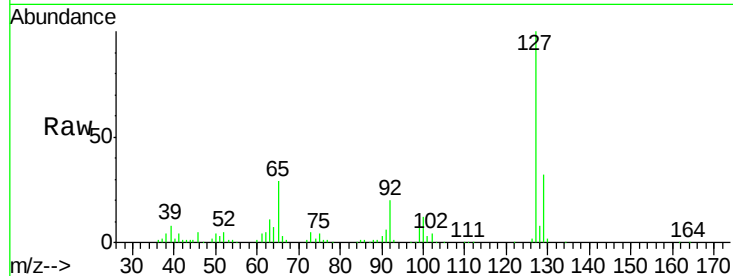
#33
4-Chloroaniline
Concen: 8.81 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		141218		
129	32.2	26.5	39.7		
65	29.5	27.2	40.8		
92	19.7	17.7	26.5		

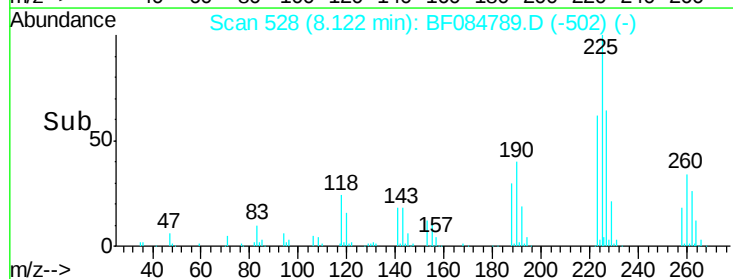
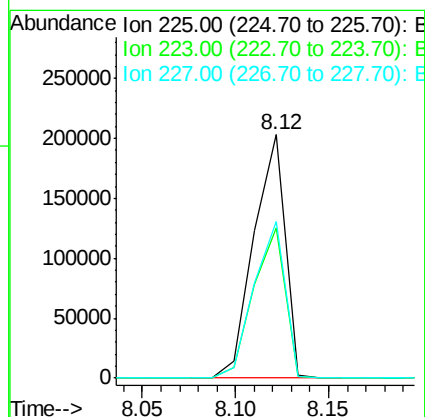
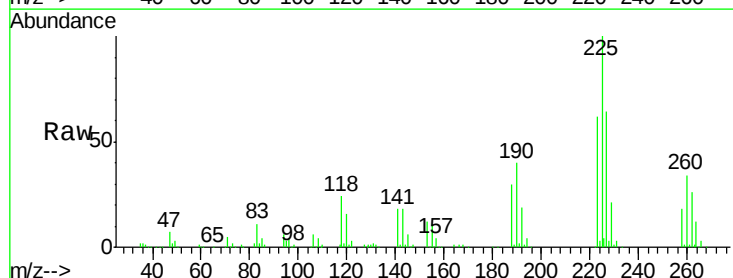
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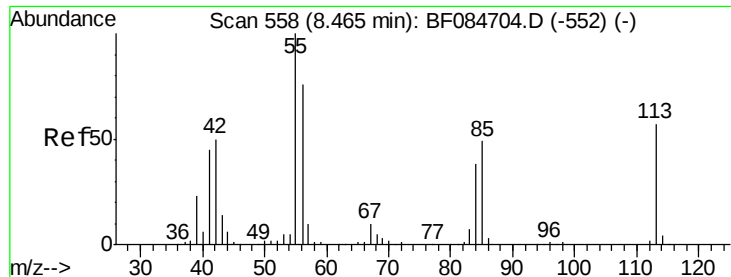
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#34
Hexachlorobutadiene
Concen: 33.60 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		235966		
223	61.9	49.4	74.0		
227	64.1	50.8	76.2		





#35

Caprolactam

Concen: 35.81 ng/mL

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88159BS

Tot Ion: 113 Resp: 118996

Ion Ratio Lower Upper

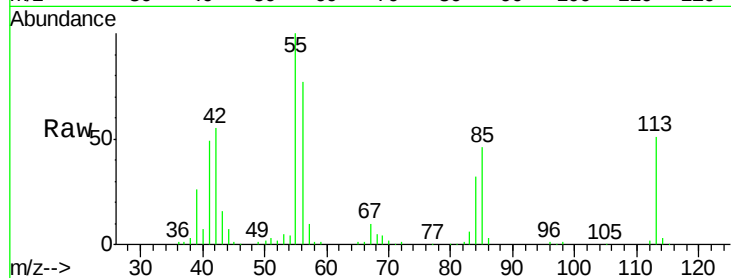
113 100

55 198.0 116.9 156.9#

56 152.2 93.8 133.8#

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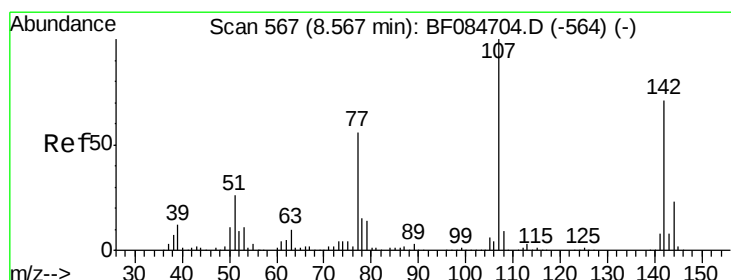
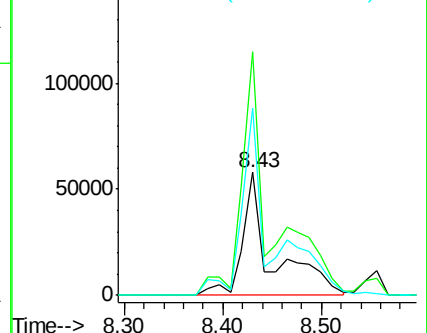
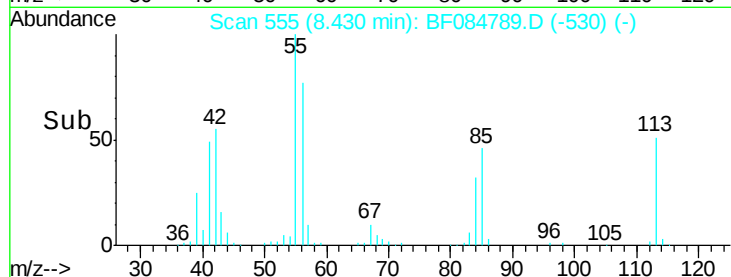
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.96 ng/mL

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

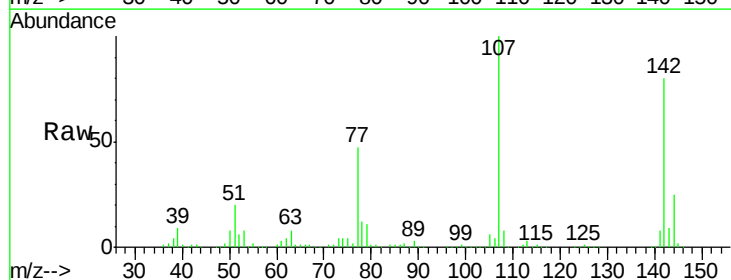
Tgt Ion: 107 Resp: 454643

Ion Ratio Lower Upper

107 100

144 25.2 19.7 29.5

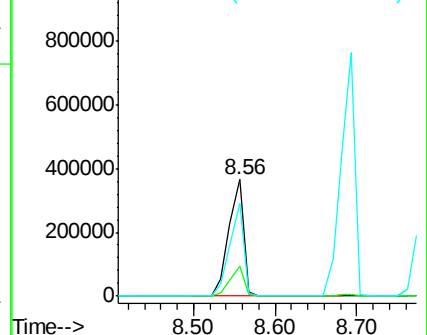
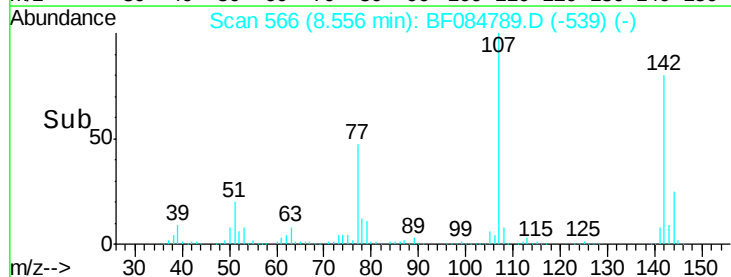
142 79.7 61.8 92.6

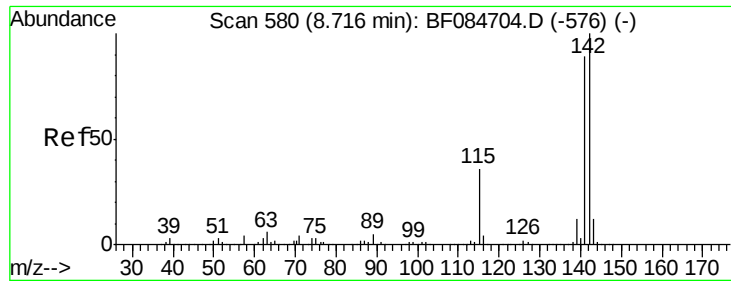


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





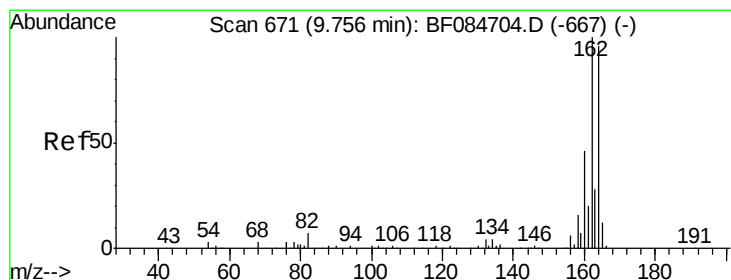
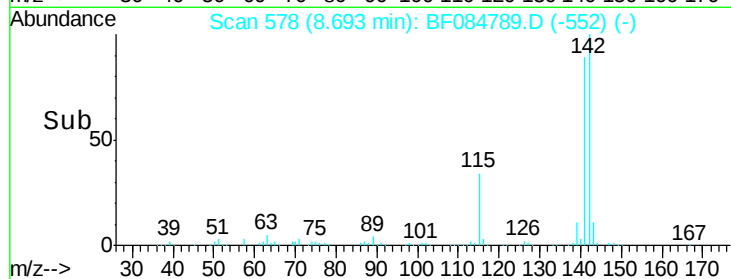
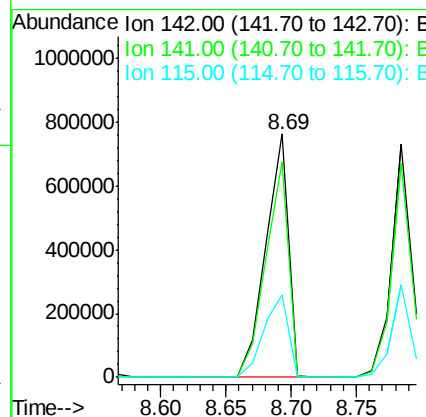
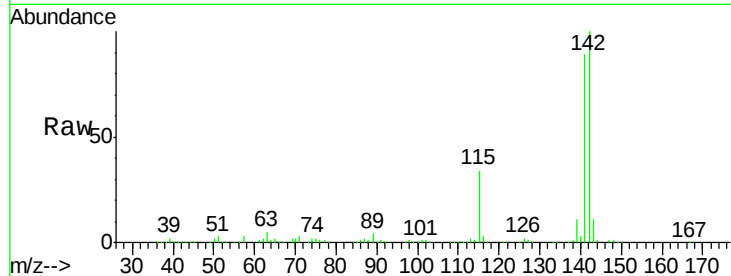
#37
2-Methylnaphthalene
Concen: 38.38 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.4	108.6
115	33.7	27.9	41.9

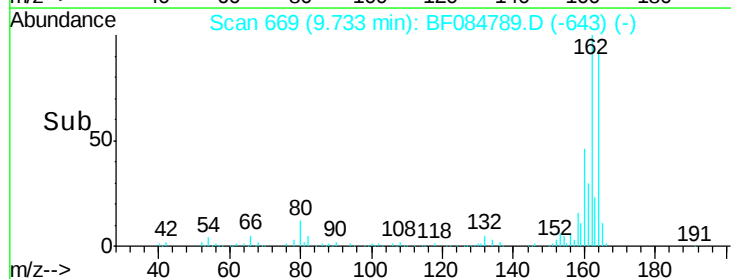
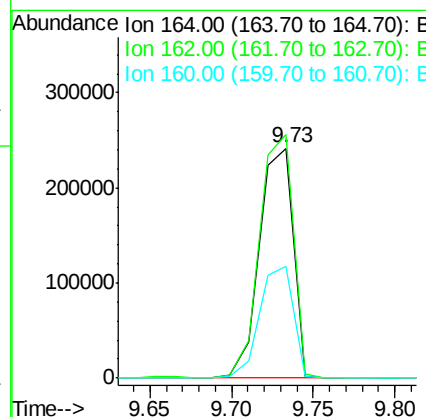
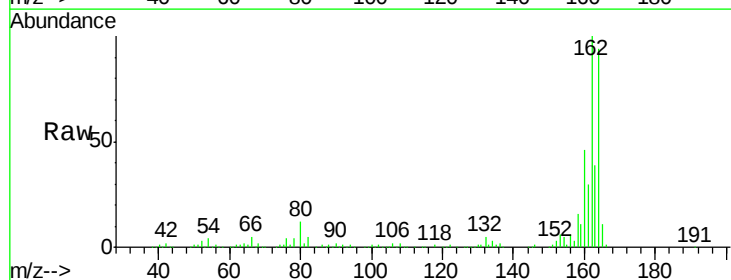
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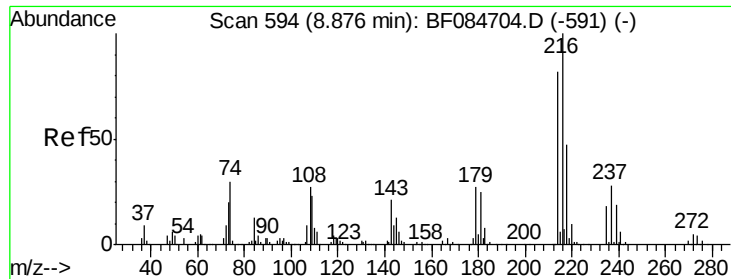
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	48.6	37.5	56.3





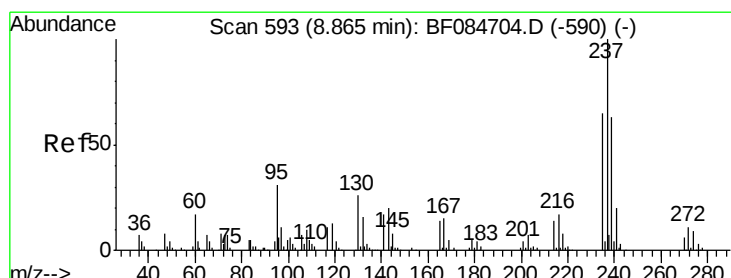
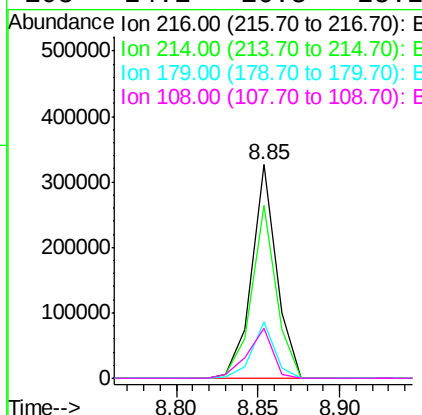
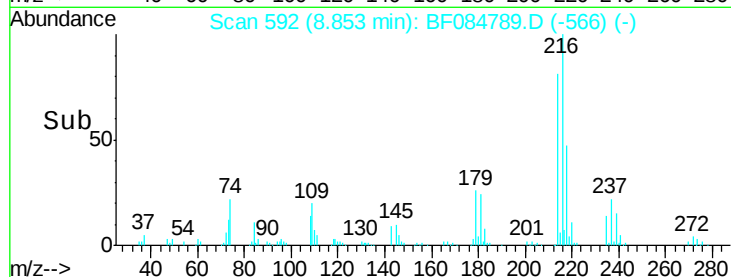
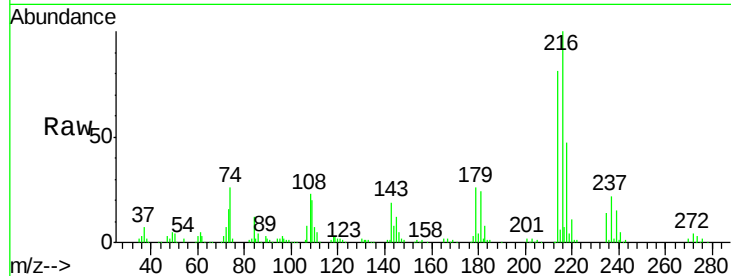
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.48 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleID :
 PB88159BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	64.2	96.2
179	24.1	18.7	28.1
108	24.1	16.8	25.2

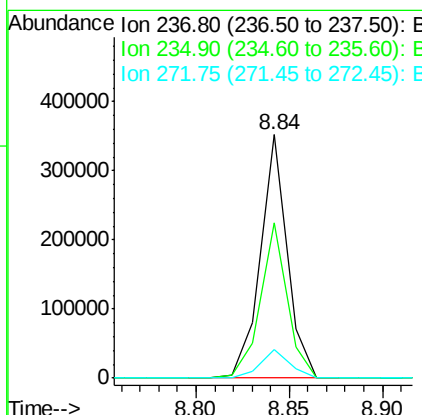
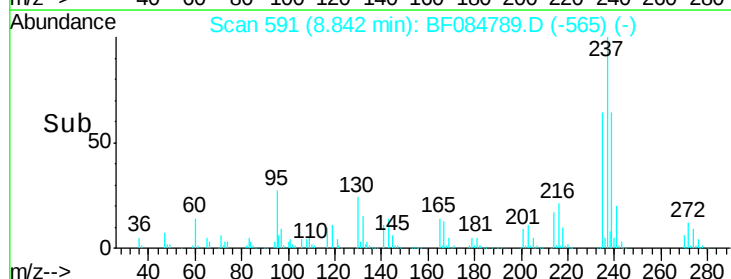
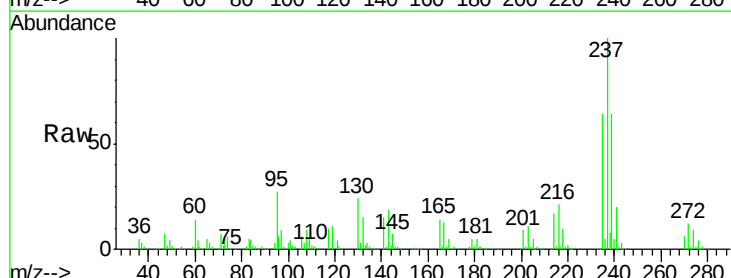
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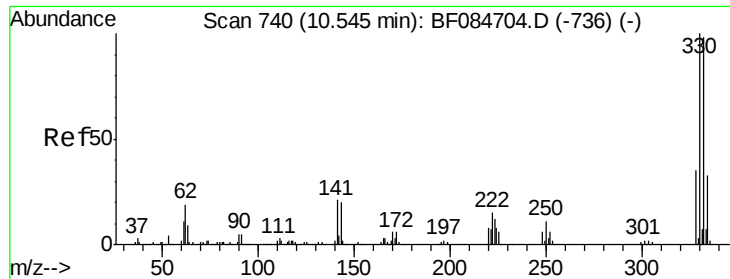
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#40
 Hexachlorocyclopentadiene
 Concen: 73.81 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	43.1	83.1
272	11.9	0.0	35.1





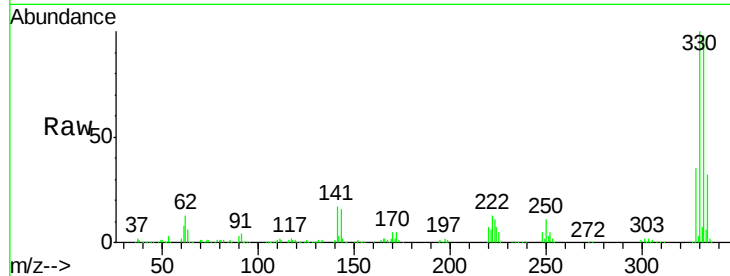
#41
 2,4,6-Tribromophenol
 Concen: 112.72 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

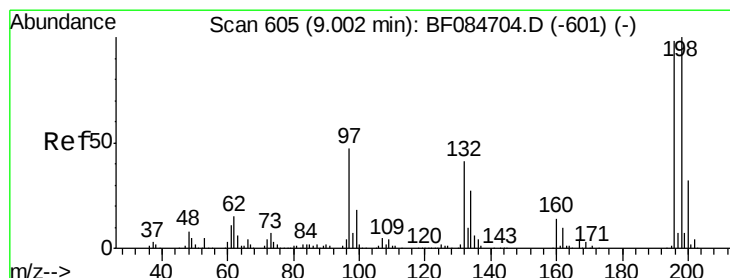
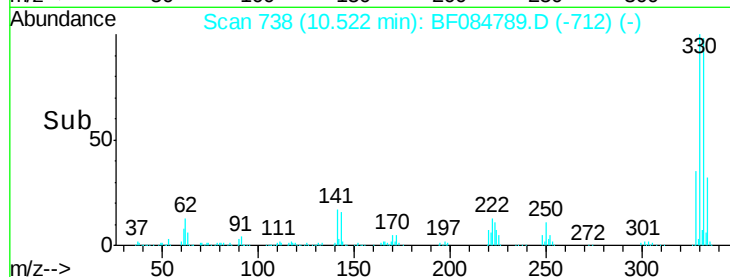
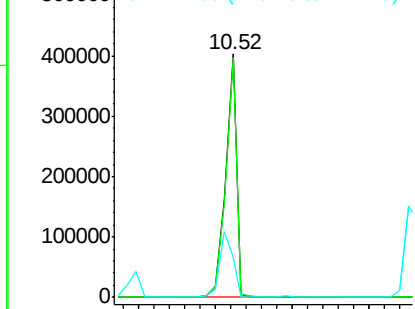
Tot Ion	Ratio	Resp	Lower	Upper
330	100	409818		
332	97.6		76.6	114.8
141	32.3		27.8	41.6

Manual Integrations
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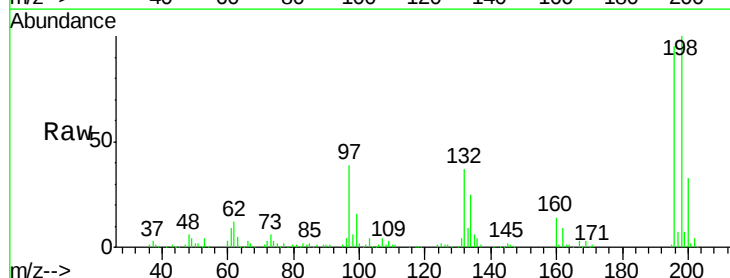


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

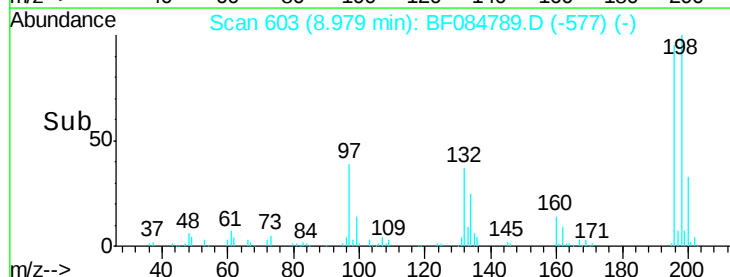
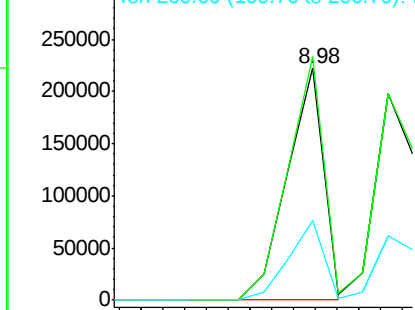


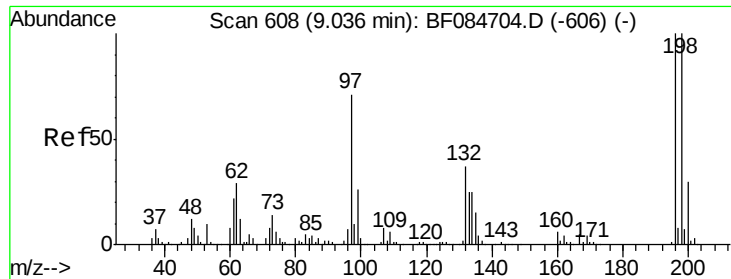
#42
 2,4,6-Trichlorophenol
 Concen: 36.46 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260004		
198	105.1		77.7	116.5
200	34.4		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





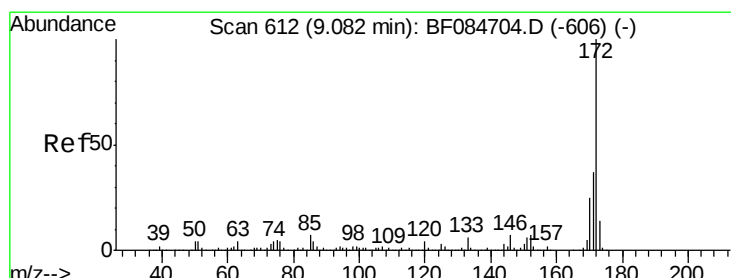
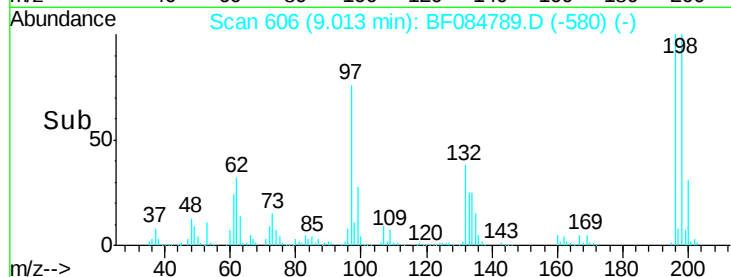
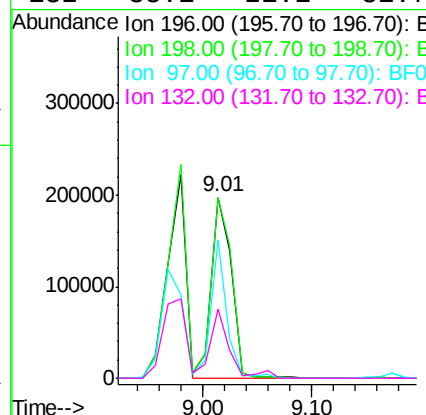
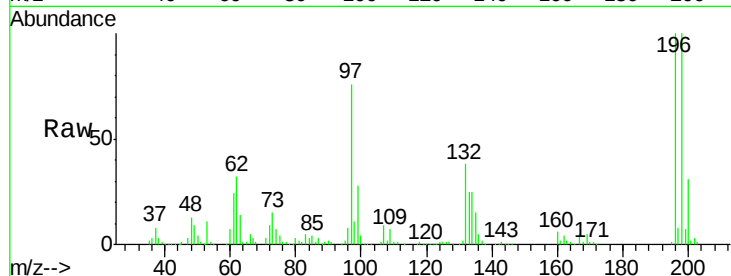
#43
 2,4,5-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255773		
198	100.0	79.0	118.6	
97	76.4	33.0	49.6	
132	38.1	21.1	31.7	

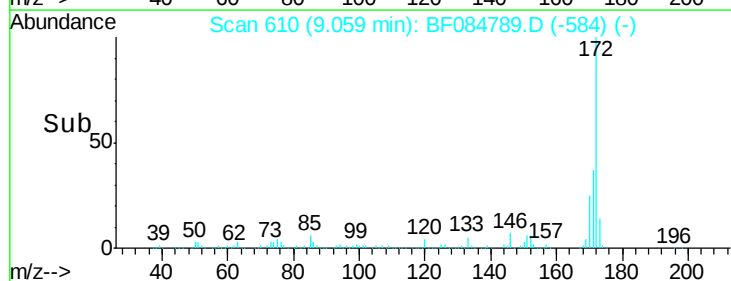
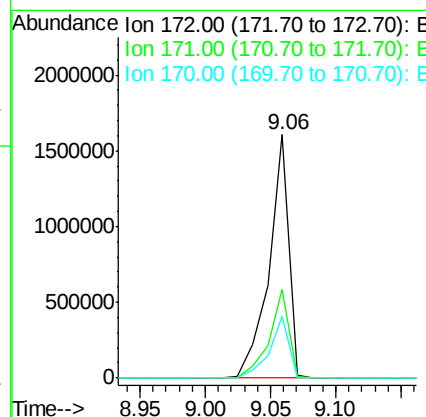
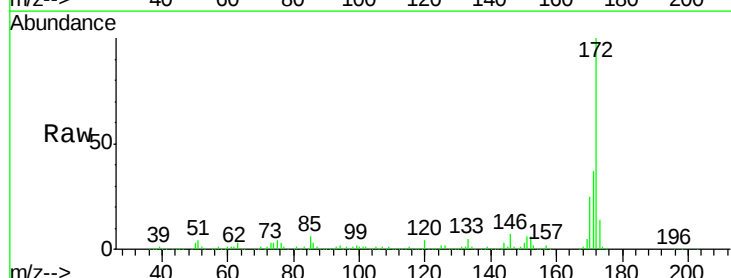
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#44
 2-Fluorobiphenyl
 Concen: 80.44 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1695311		
171	36.6	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 32.41 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleID :

PB88159BS

Tot Ion:154 Resp: 1009132

Ion Ratio Lower Upper

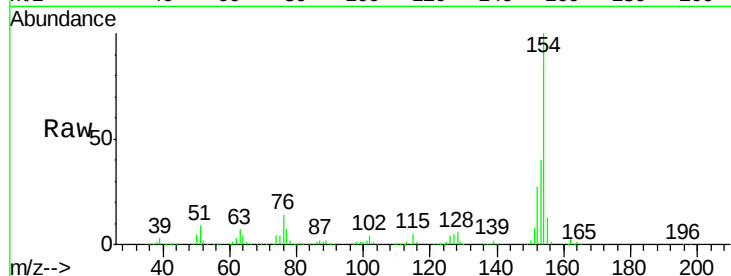
154 100

153 40.2 21.6 61.6

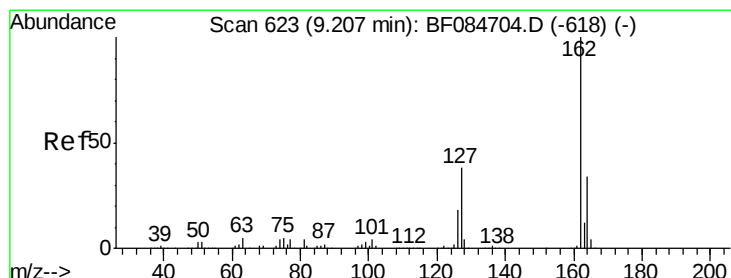
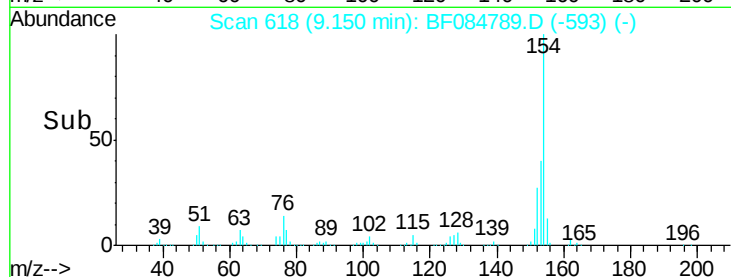
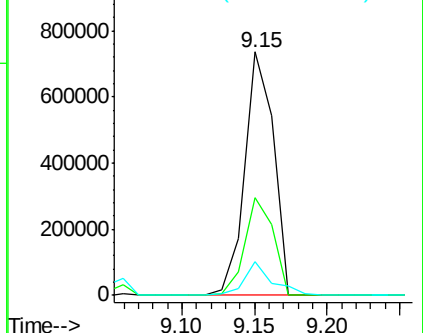
76 13.7 0.0 32.7

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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: 32.93 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

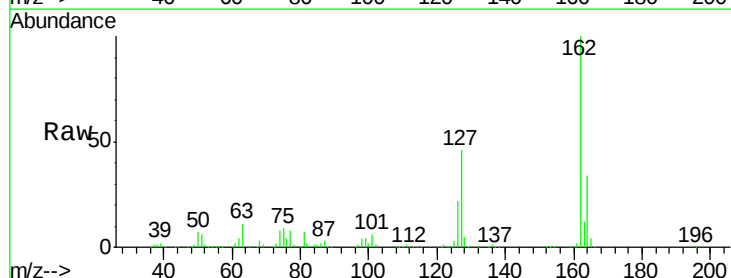
Tgt Ion:162 Resp: 754927

Ion Ratio Lower Upper

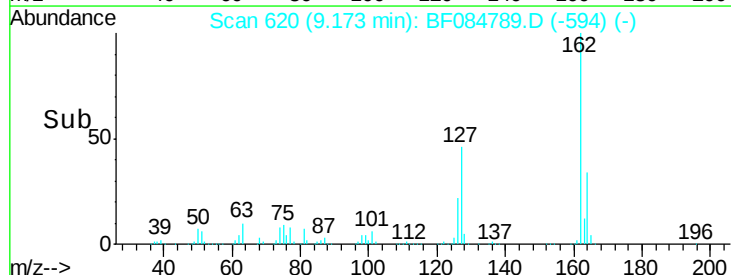
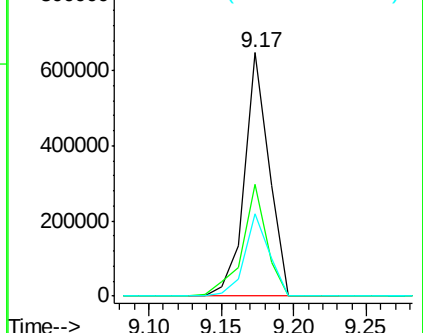
162 100

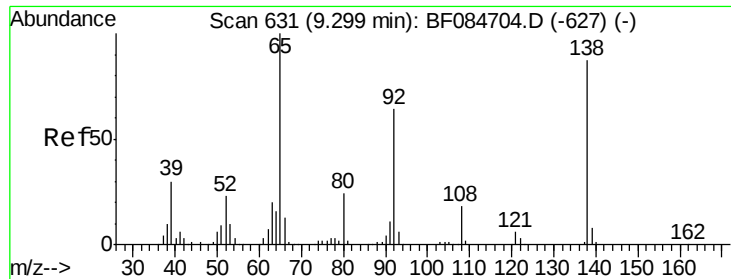
127 45.9 40.2 60.4

164 33.8 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





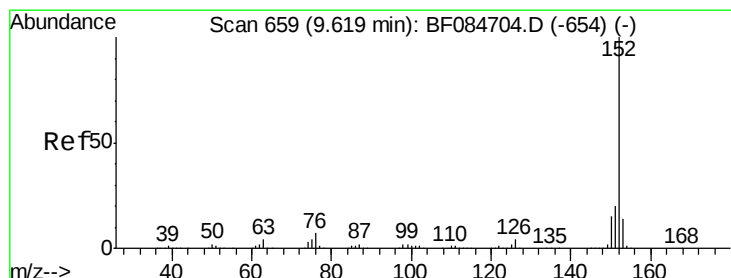
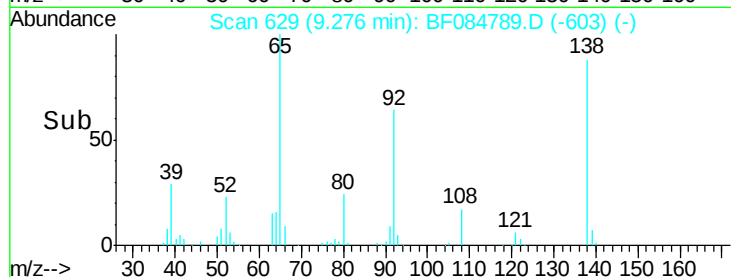
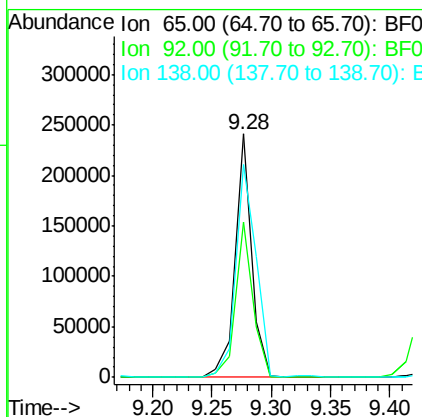
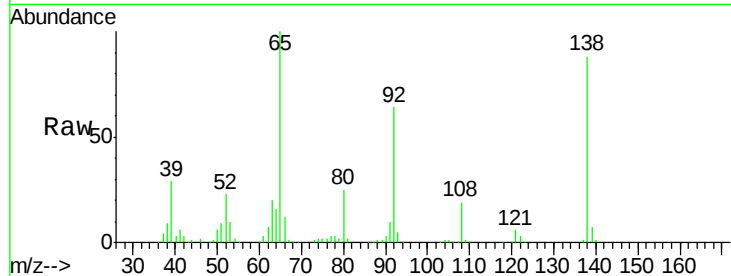
#47
2-Nitroaniline
Concen: 32.44 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	53.4	80.2
138	87.5	71.1	106.7

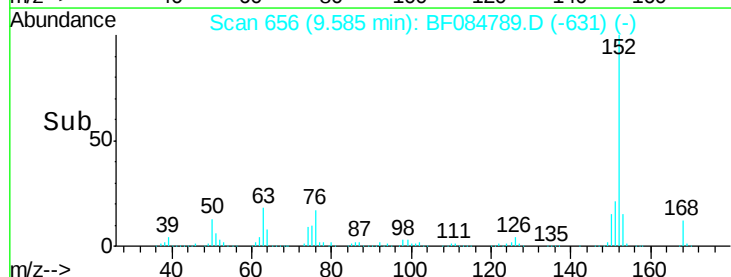
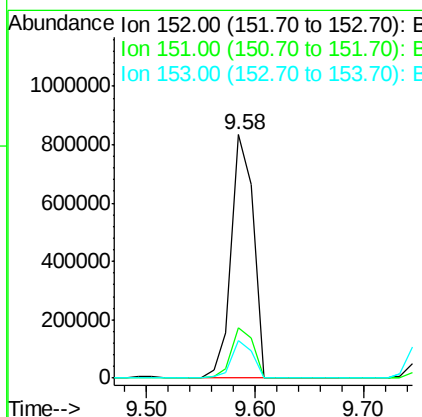
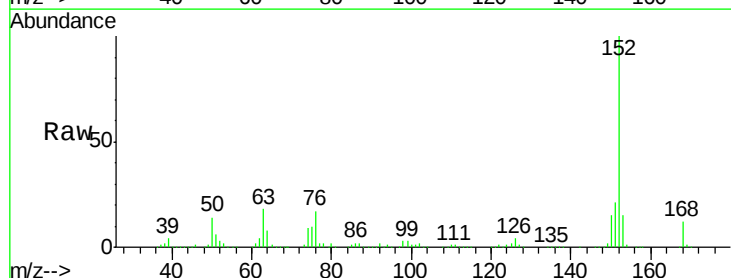
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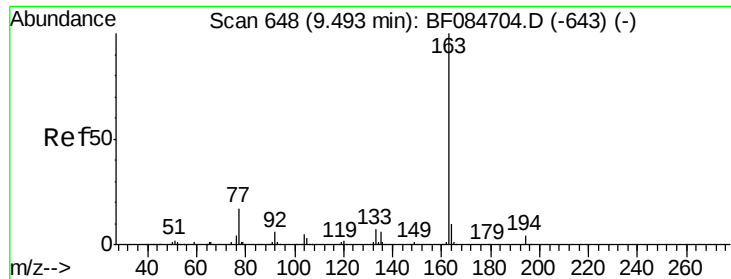
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#48
Acenaphthylene
Concen: 33.27 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	15.2	10.4	15.6





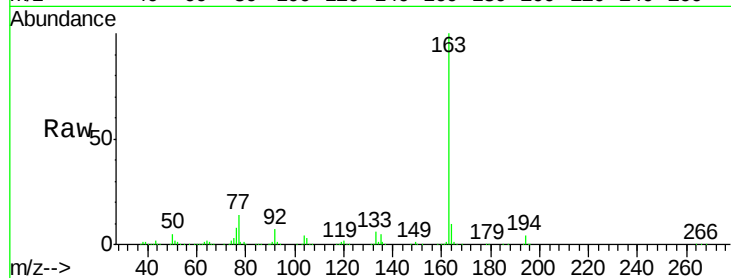
#49
Dimethylphthalate
Concen: 36.28 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	963143		
194	3.5	8.0	12.0#	
164	10.0	8.0	12.0	

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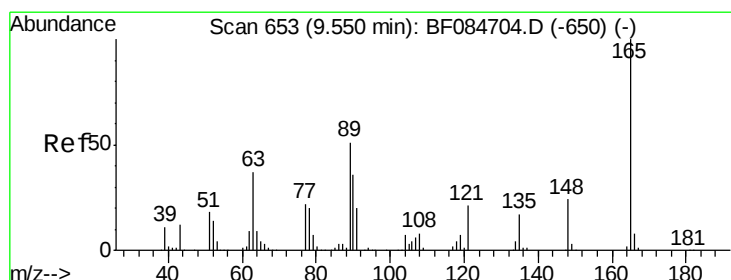
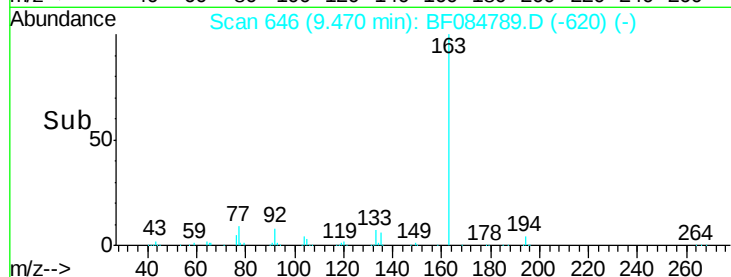
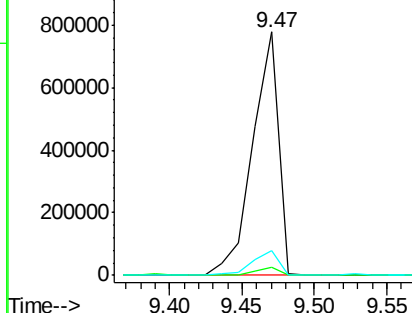


Abundance

Ion 163.00 (162.70 to 163.70): E

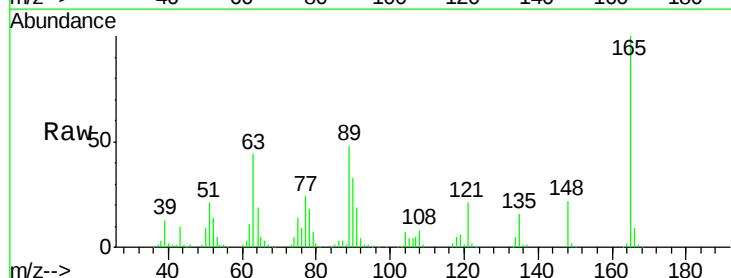
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 38.68 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224292		
63	43.5	28.8	43.2#	
89	48.2	35.1	52.7	

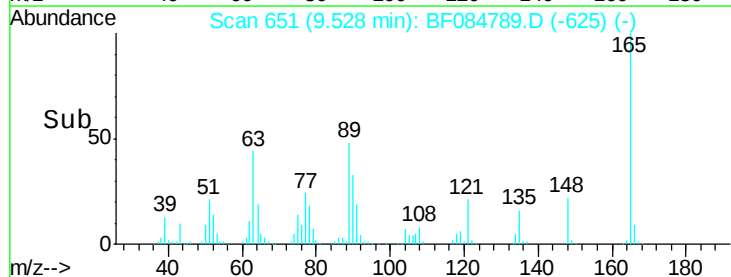
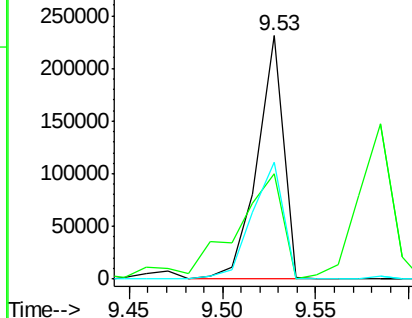


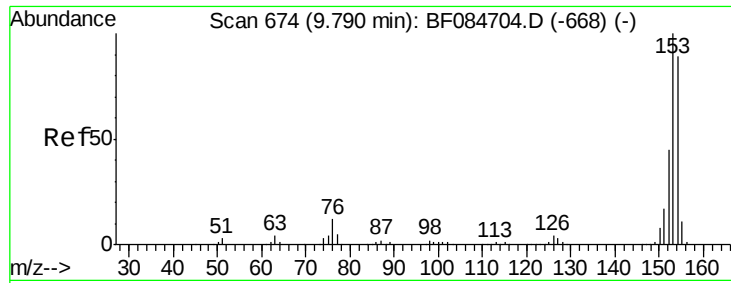
Abundance

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: 33.06 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

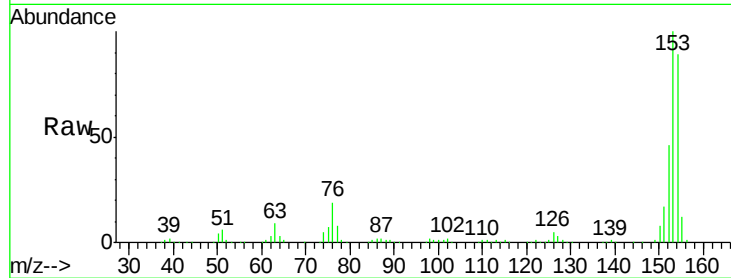
ClientSampleId :

PB88159BS

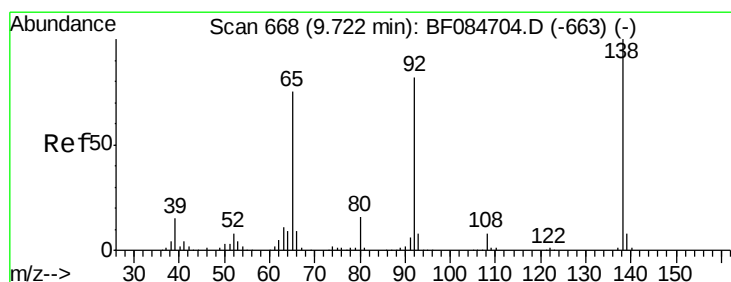
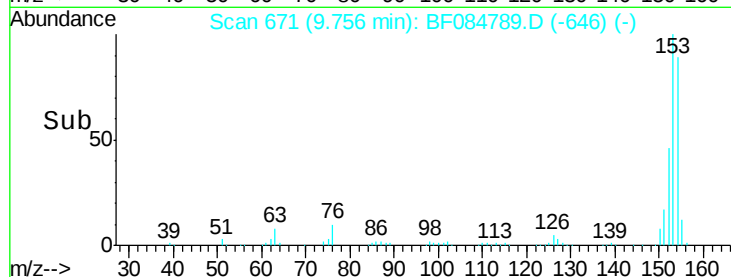
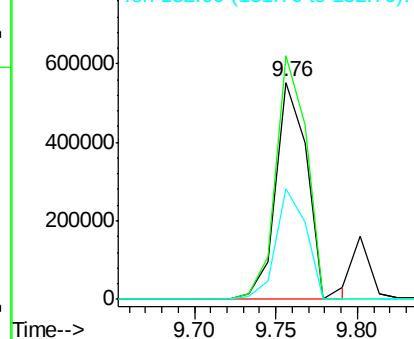
Tot Ion:	154	Resp:	748381
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.5	137.3
152	51.1	43.0	64.6

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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: 16.08 ng

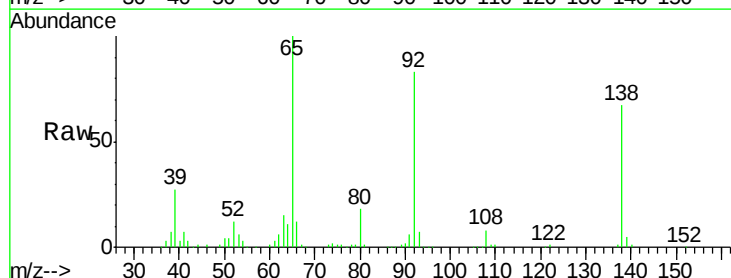
RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

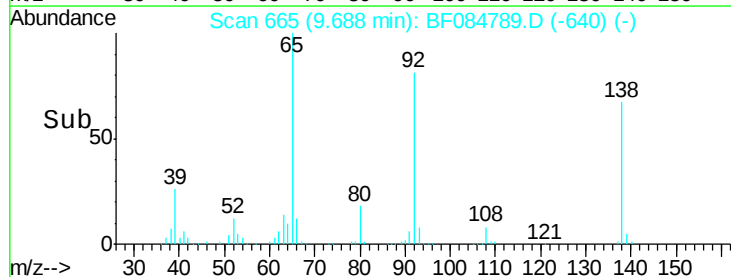
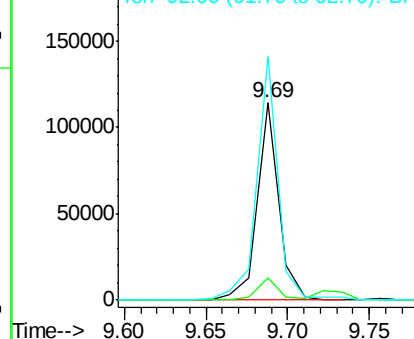
Lab File: BF084789.D

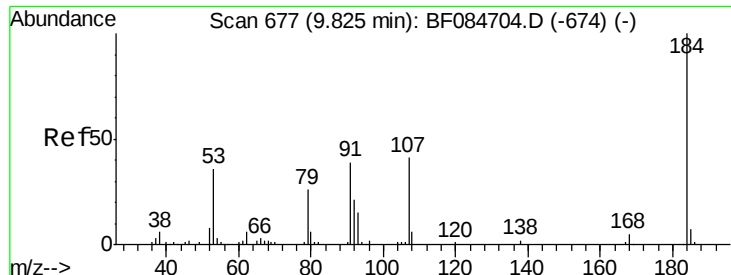
Acq: 3 Feb 2016 17:21

Tgt Ion:	138	Resp:	104757
Ion Ratio	Lower	Upper	
138	100		
108	11.5	10.5	15.7
92	123.4	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





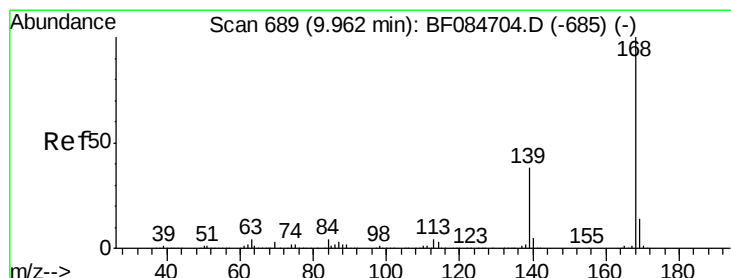
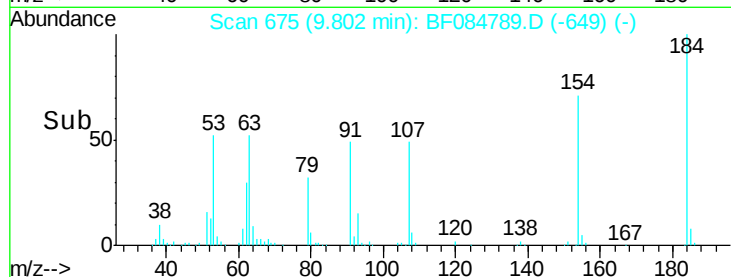
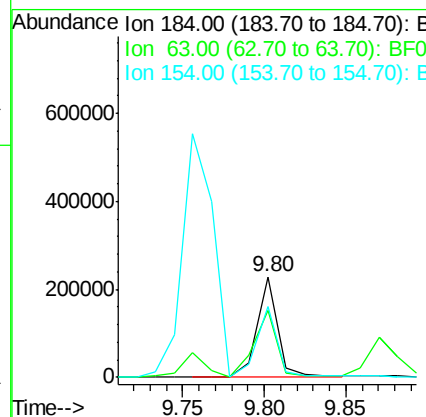
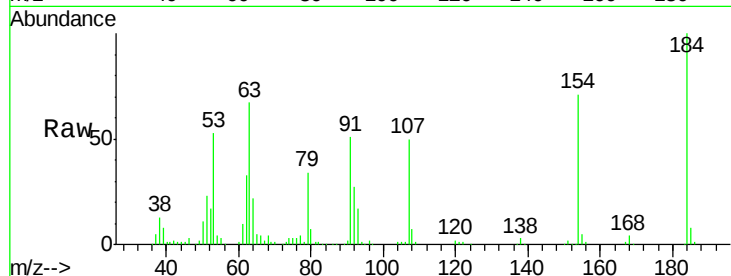
#53
 2,4-Dinitrophenol
 Concen: 76.41 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	203757		
63	66.9	43.1	64.7#	
154	70.6	60.5	90.7	

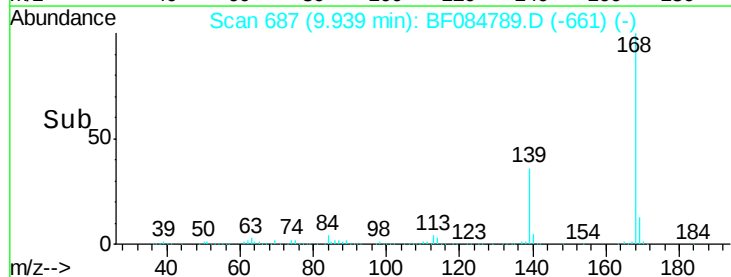
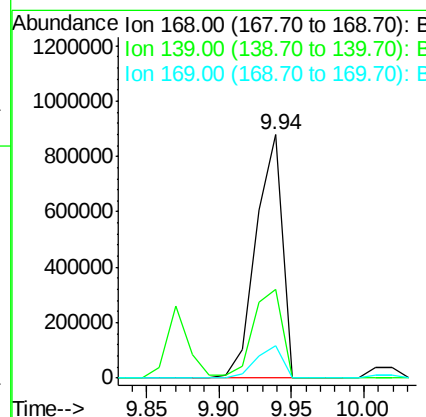
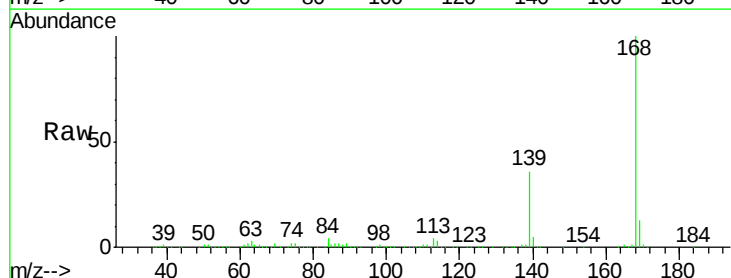
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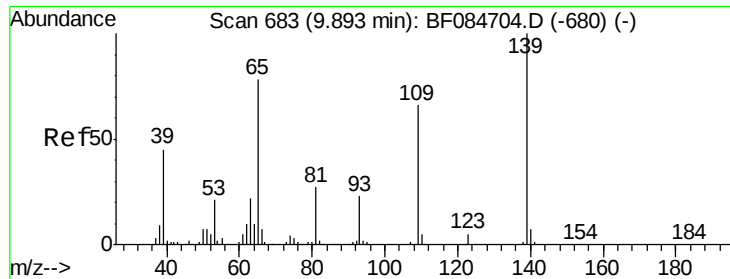
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#54
 Dibenzofuran
 Concen: 39.70 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1098352		
139	36.4	30.5	45.7	
169	13.1	10.4	15.6	





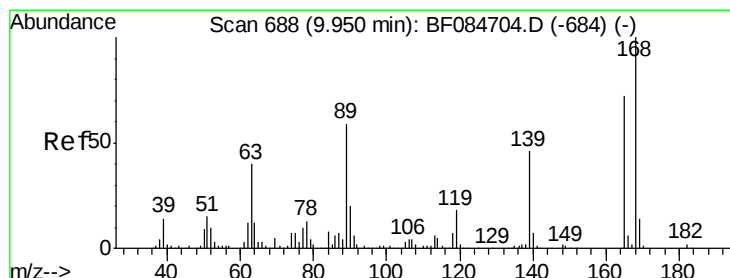
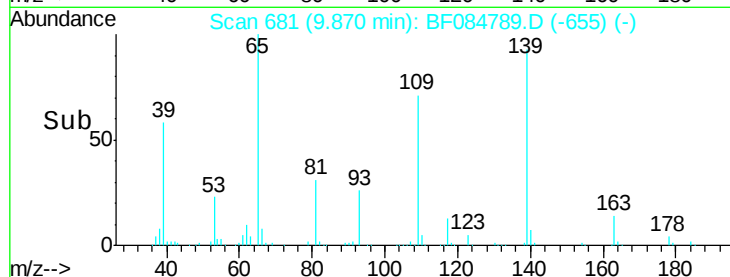
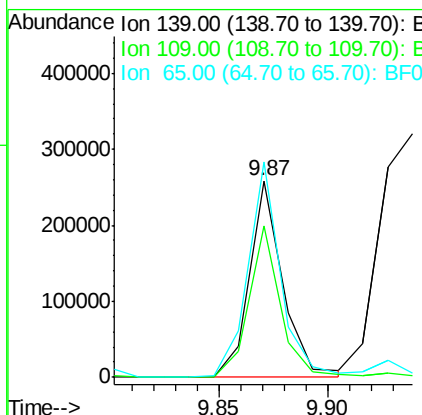
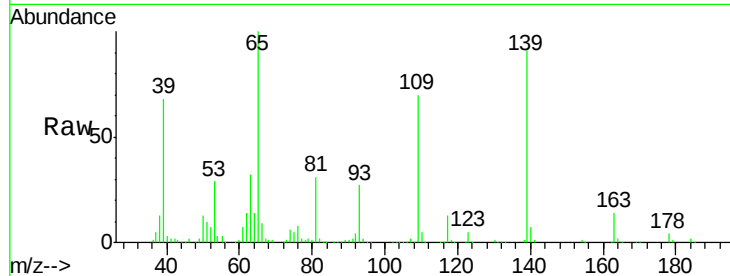
#55
4-Nitrophenol
Concen: 57.55 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	275630		
109	77.0	58.5	98.5	
65	109.5	57.6	97.6	

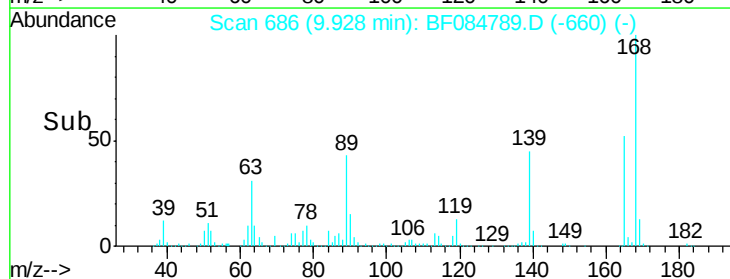
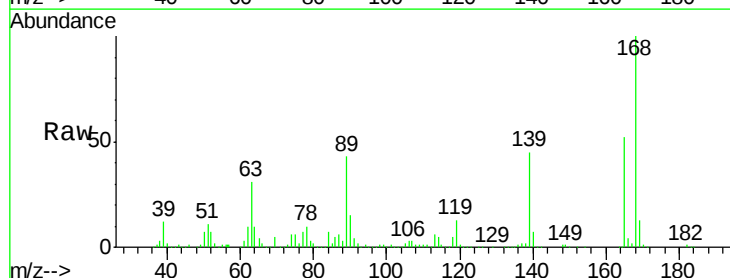
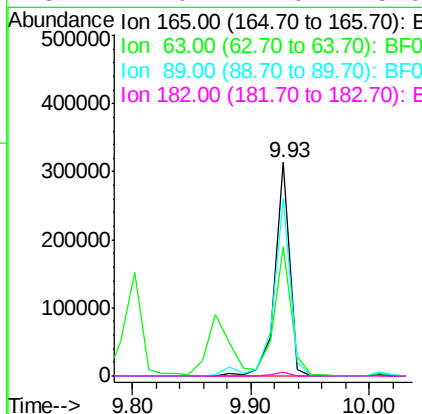
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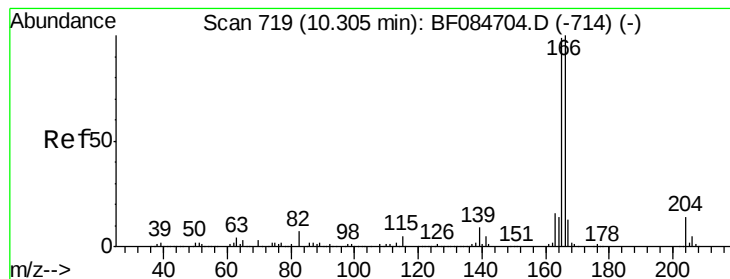
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#56
2,4-Dinitrotoluene
Concen: 36.73 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271690		
63	60.4	36.7	55.1	
89	83.1	61.9	92.9	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 34.75 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084789.D

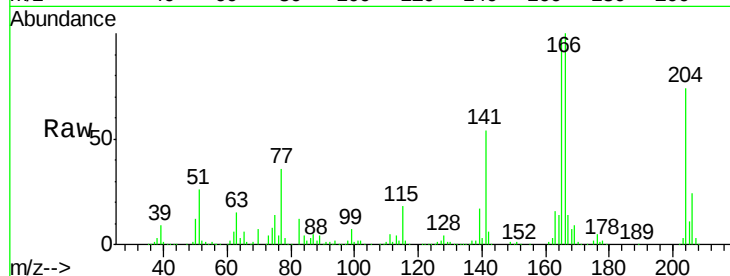
Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

ClientSampleId :

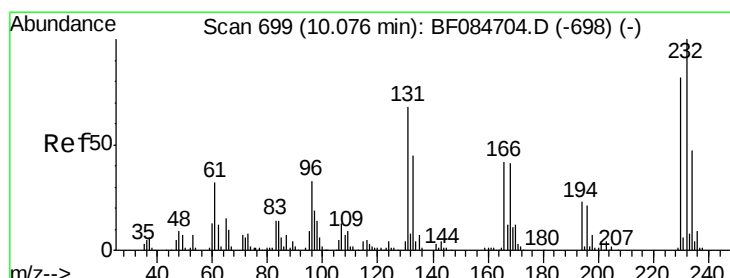
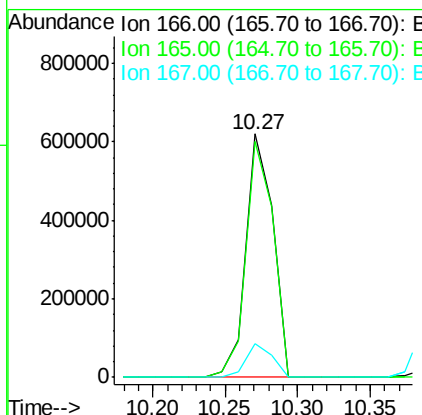
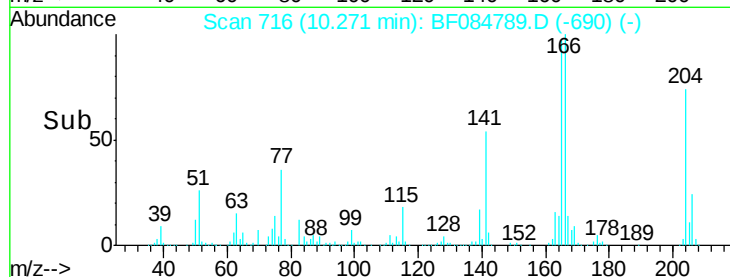
PB88159BS



Tot Ion:	166	Resp:	802814
Ion Ratio		Lower	Upper
166	100		
165	97.2	79.1	118.7
167	14.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

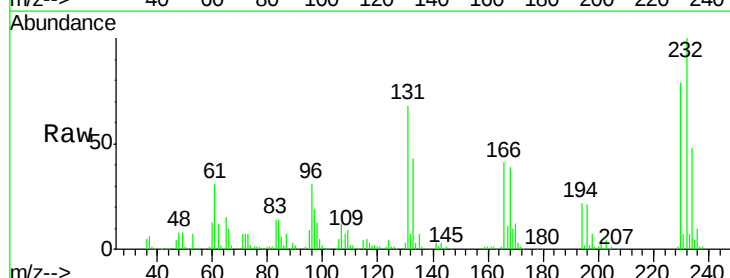
Concen: 37.38 ng

RT: 10.05 min Scan# 697

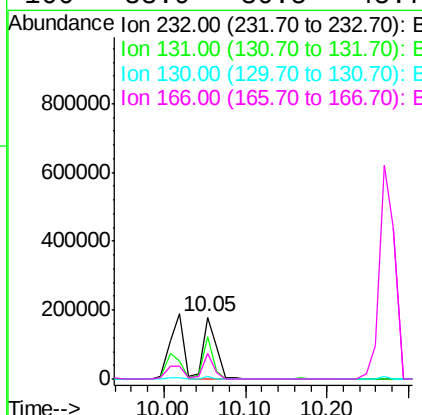
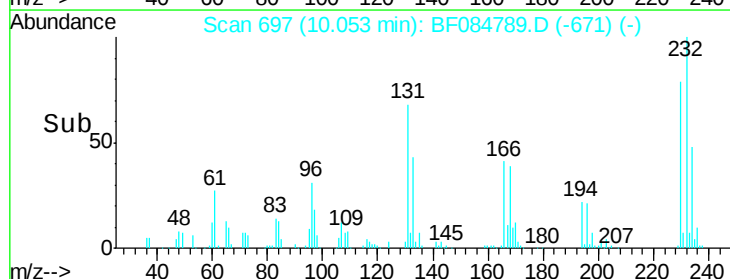
Delta R.T. 0.00 min

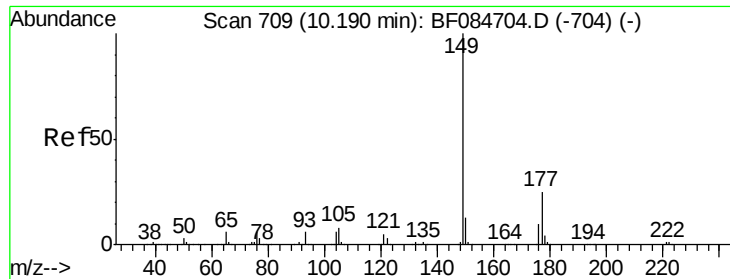
Lab File: BF084789.D

Acq: 3 Feb 2016 17:21



Tgt Ion:	232	Resp:	206185
Ion Ratio		Lower	Upper
232	100		
131	53.2	47.0	70.6
130	2.7	2.0	3.0
166	33.9	30.5	45.7





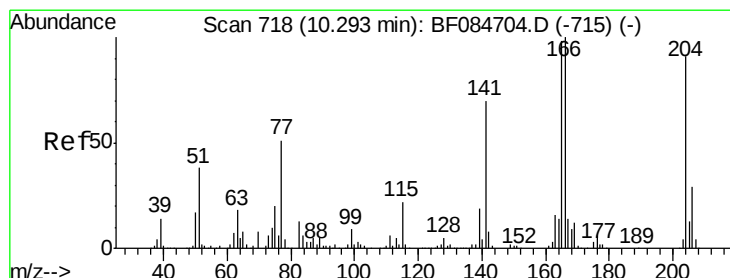
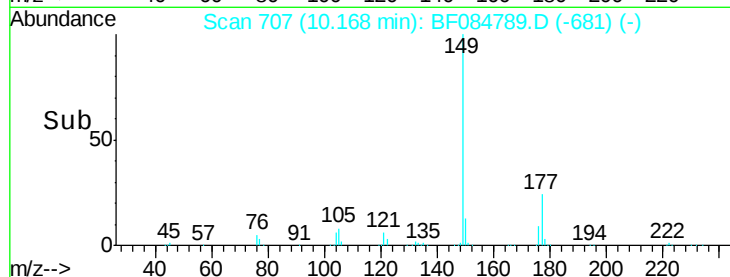
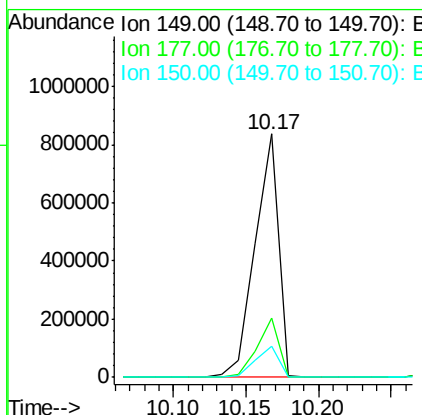
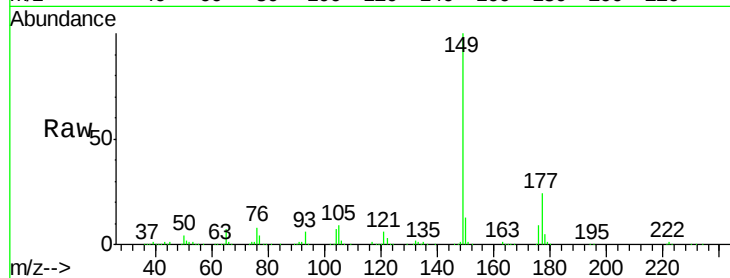
#59
Diethylphthalate
Concen: 36.27 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	17.3	25.9
150	12.6	9.8	14.8

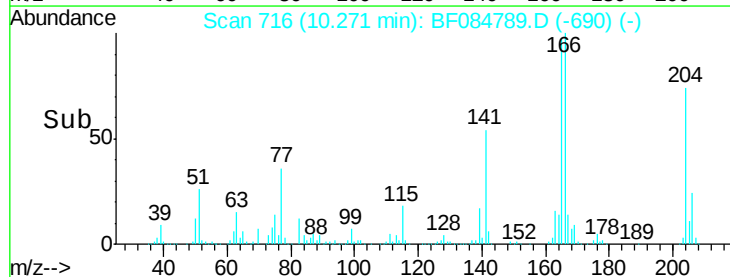
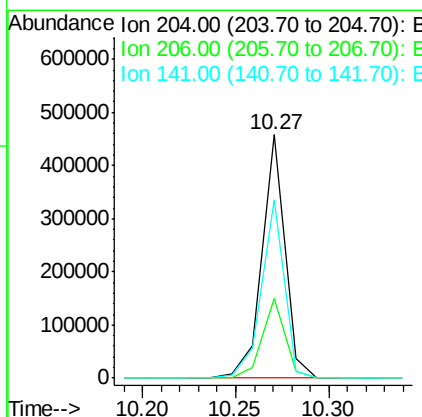
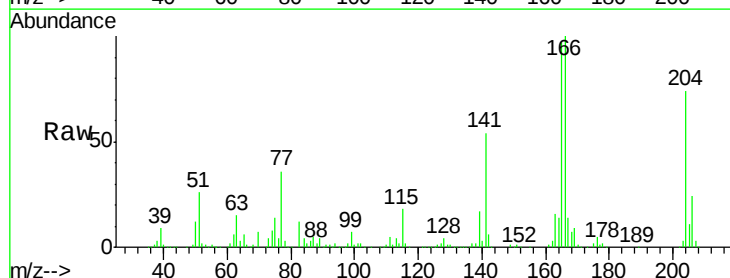
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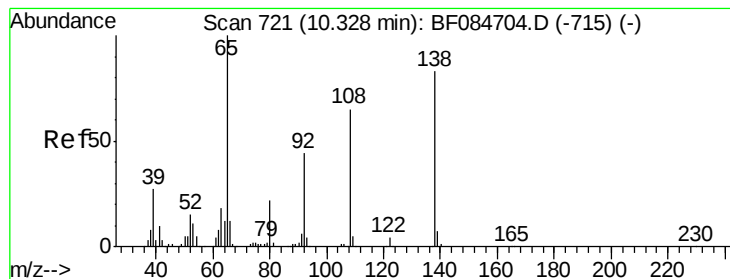
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#60
4-Chlorophenyl-phenylether
Concen: 38.73 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.7	38.5
141	73.0	55.1	82.7





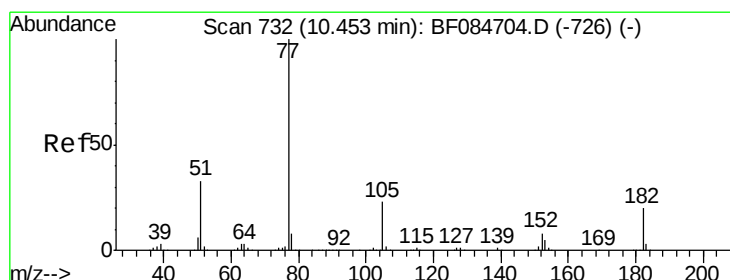
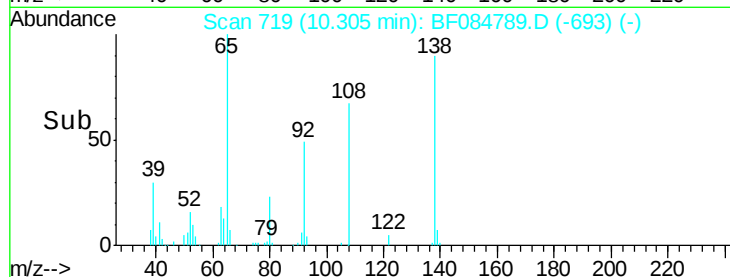
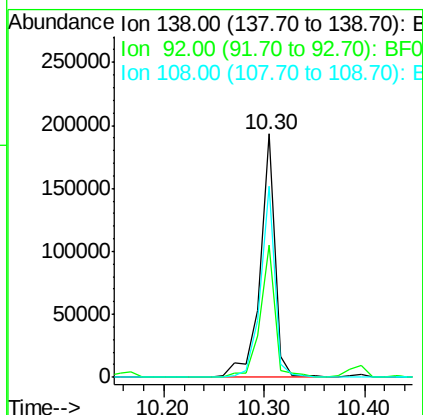
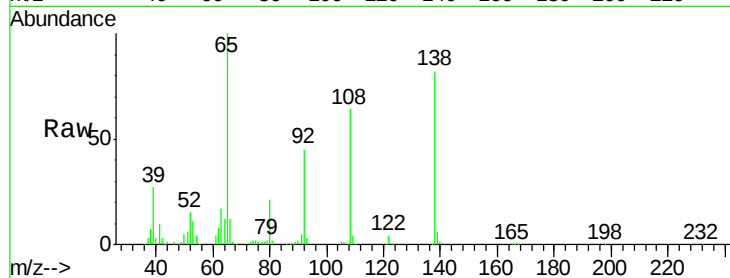
#61
4-Nitroaniline
Concen: 31.55 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampled :
PB88159BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.5	32.6	72.6
108	78.2	68.6	108.6

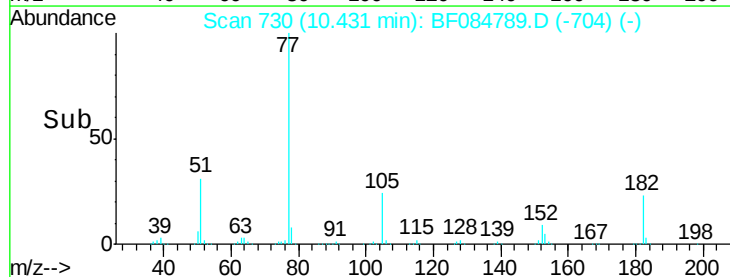
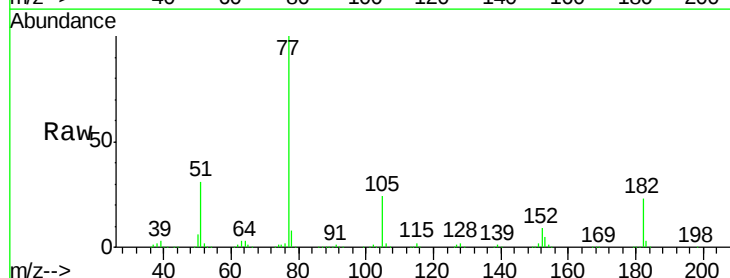
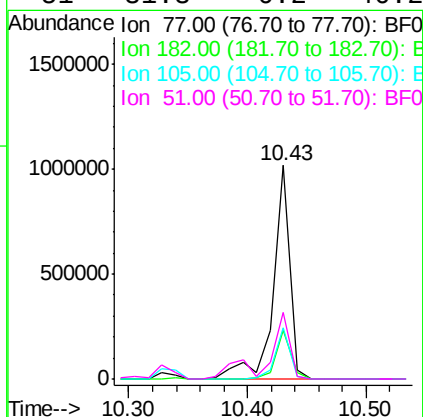
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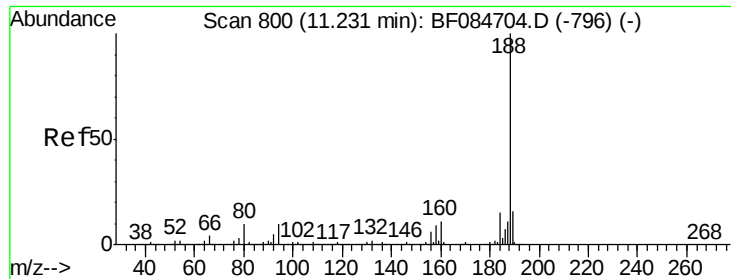
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#62
Azobenzene
Concen: 40.03 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	8.3	48.3
105	23.8	4.6	44.6
51	31.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

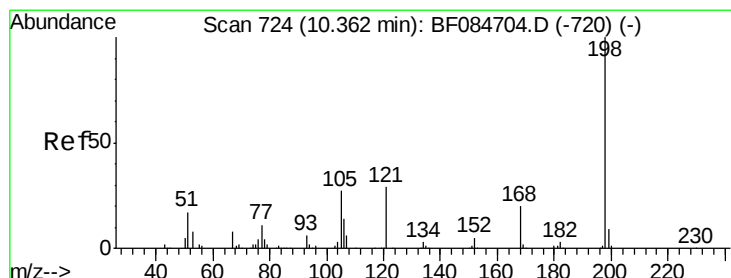
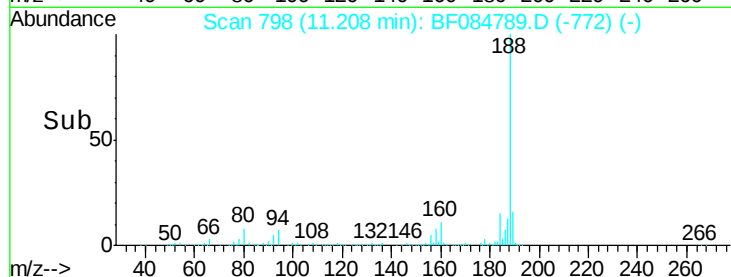
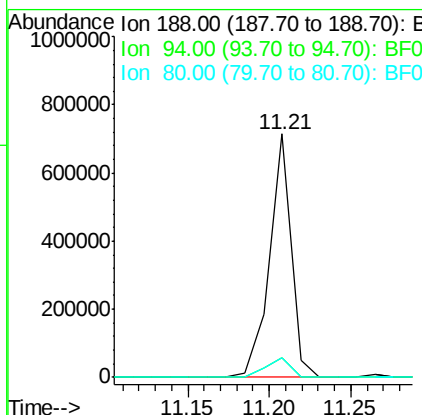
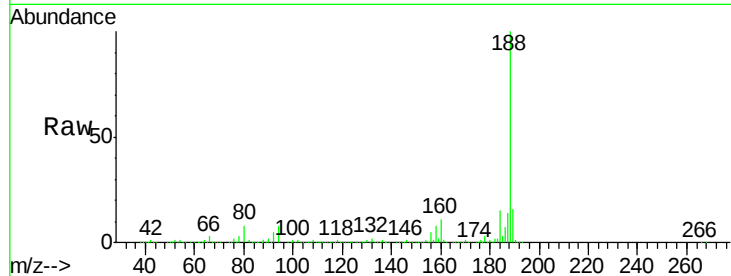
ClientSampleId :

PB88159BS

Tot Ion:	188	Resp:	662869
Ion Ratio		Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	7.9	9.6	14.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.27 ng

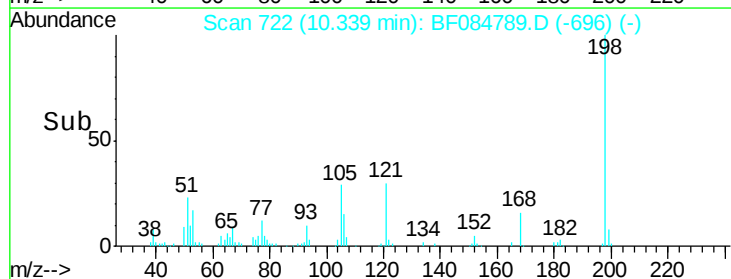
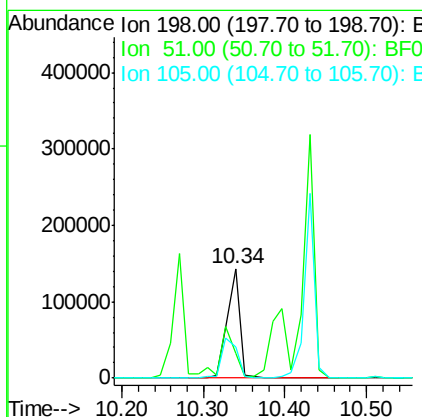
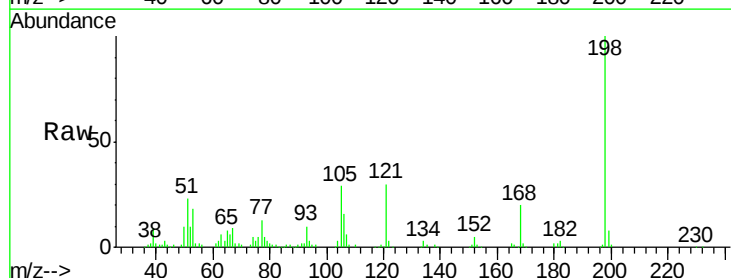
RT: 10.34 min Scan# 722

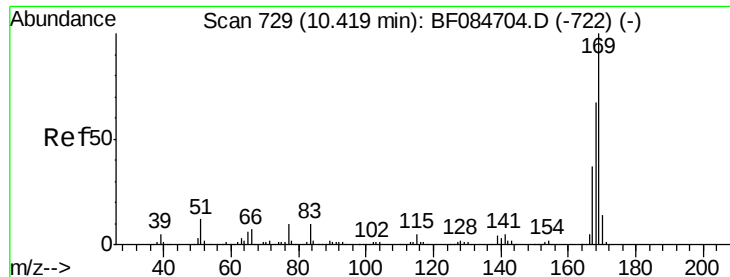
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	198	Resp:	152464
Ion Ratio		Lower	Upper
198	100		
51	22.8	18.9	58.9
105	28.6	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

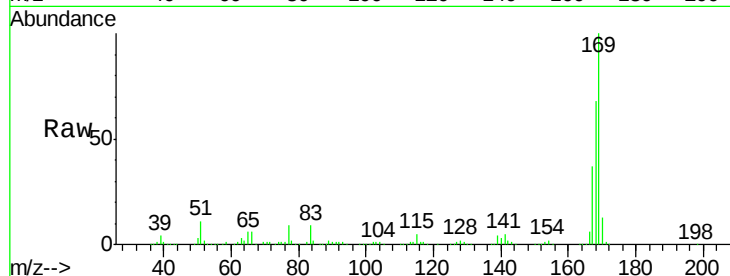
ClientSampleId :

PB88159BS

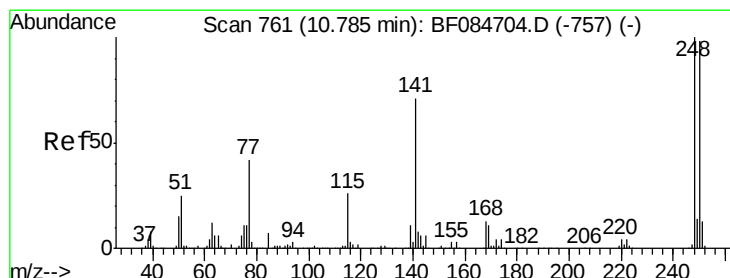
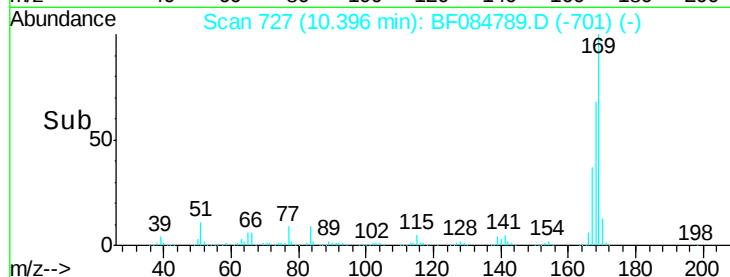
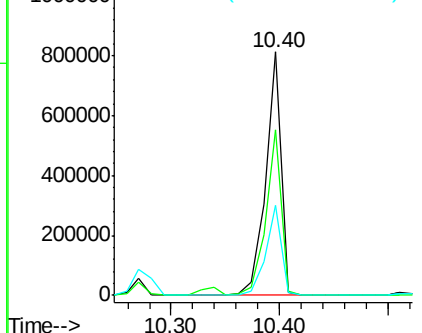
Tot Ion:	169	Resp:	807890
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.1	82.7
167	37.1	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 35.46 ng

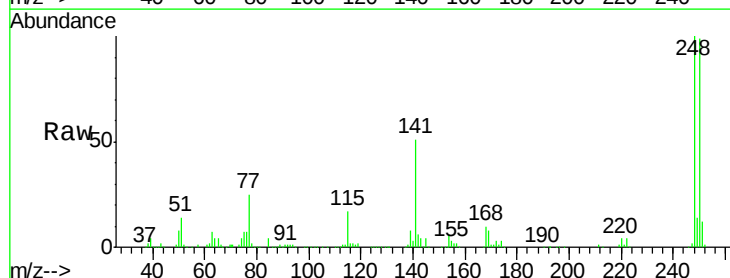
RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

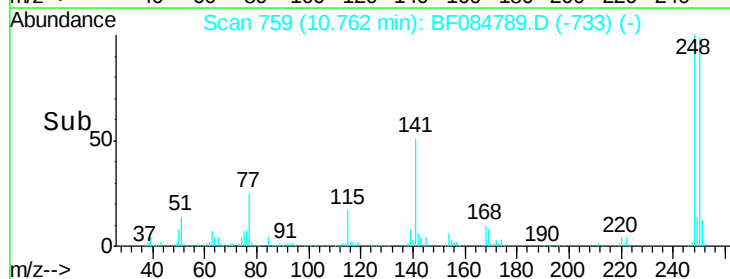
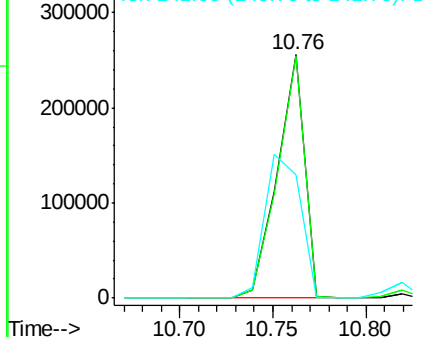
Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	248	Resp:	259635
Ion Ratio	Lower	Upper	
248	100		
250	99.3	78.4	117.6
141	50.9	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





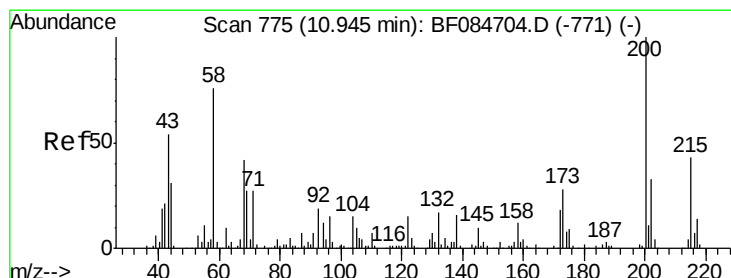
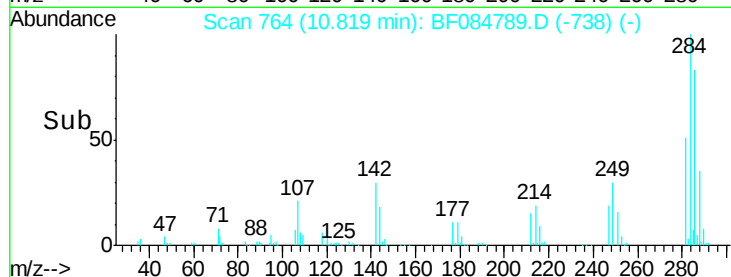
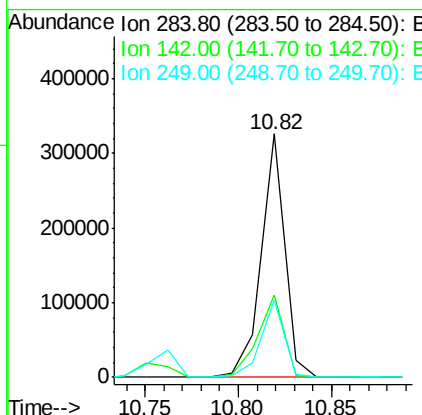
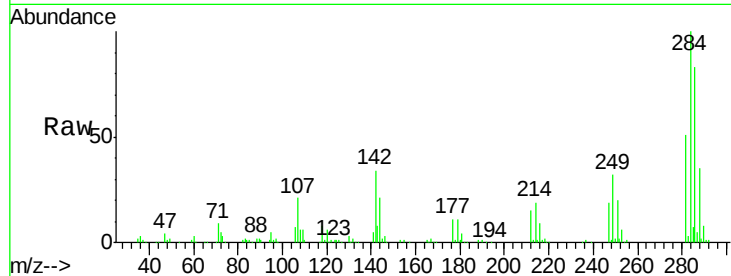
#67
Hexachlorobenzene
Concen: 35.33 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	281874		
142	33.8	22.2	33.4#	
249	31.6	24.6	37.0	

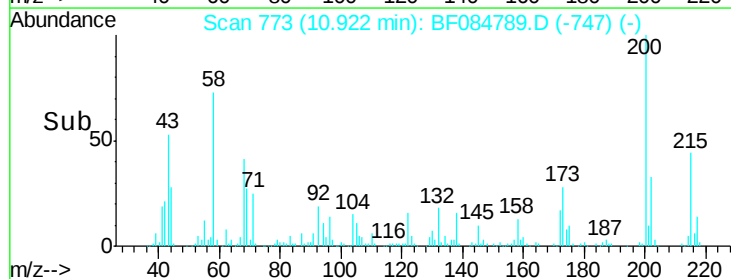
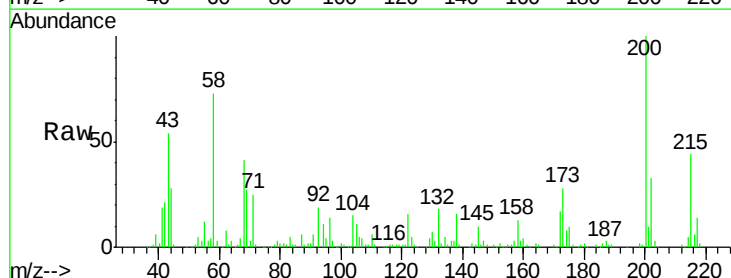
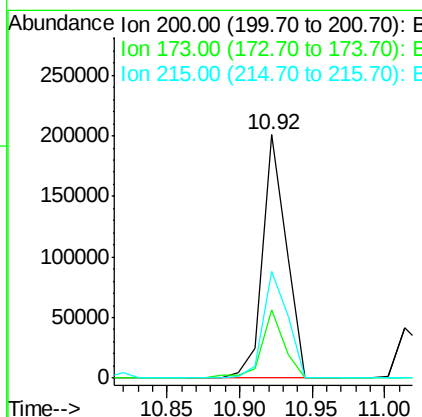
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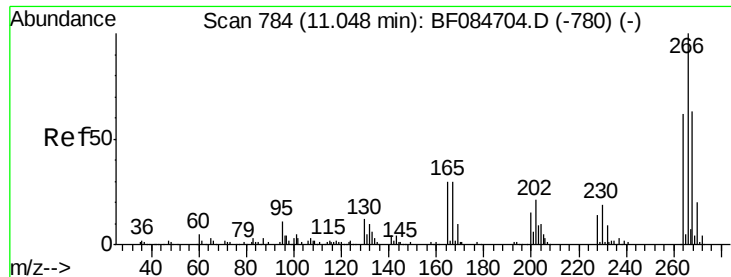
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#68
Atrazine
Concen: 34.05 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226333		
173	28.2	9.5	49.5	
215	44.0	23.8	63.8	





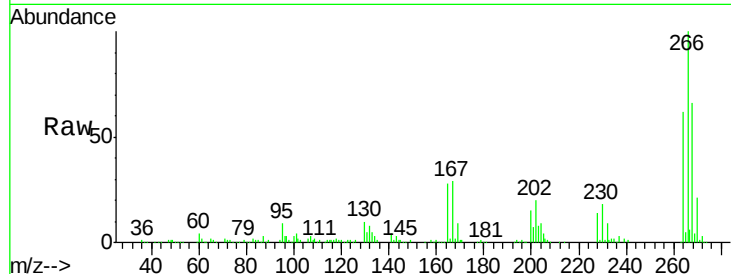
#69
 Pentachlorophenol
 Concen: 69.21 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

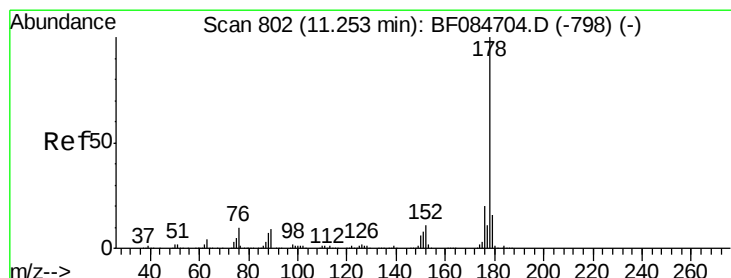
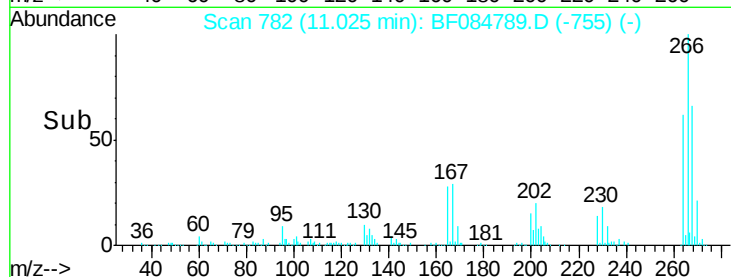
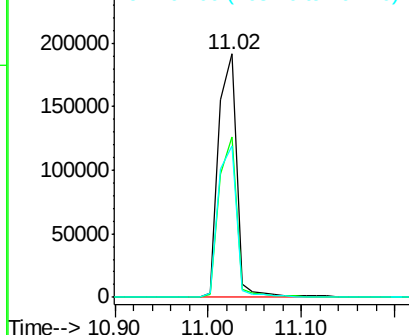
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	52.4	78.6
264	62.1	50.2	75.2

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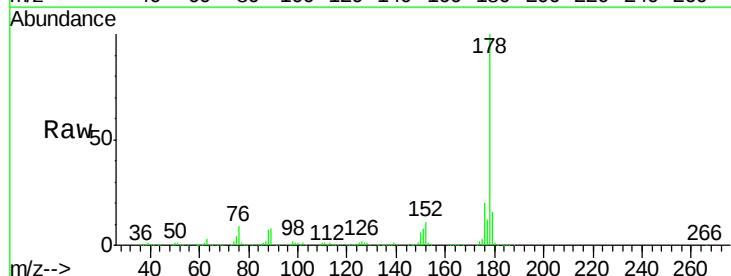


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

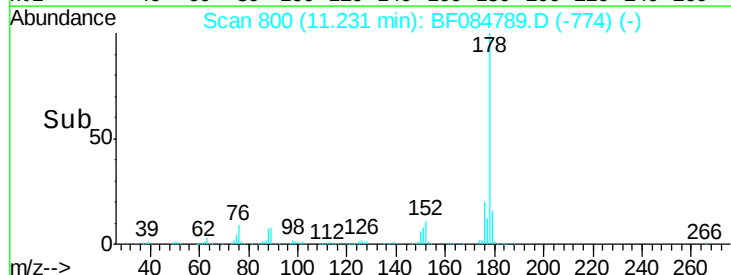
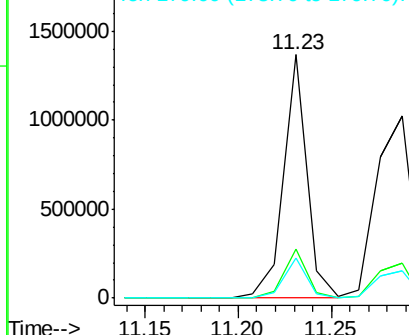


#70
 Phenanthrene
 Concen: 32.52 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.2	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





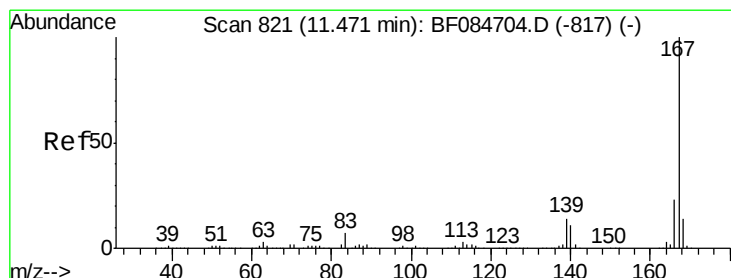
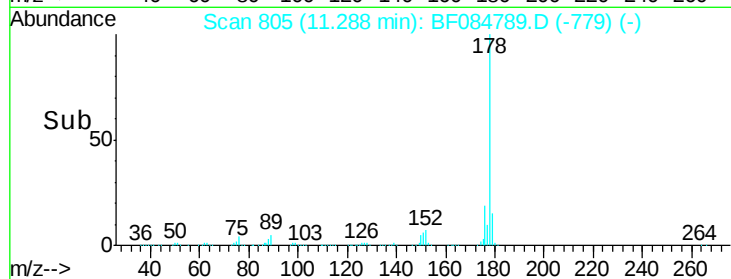
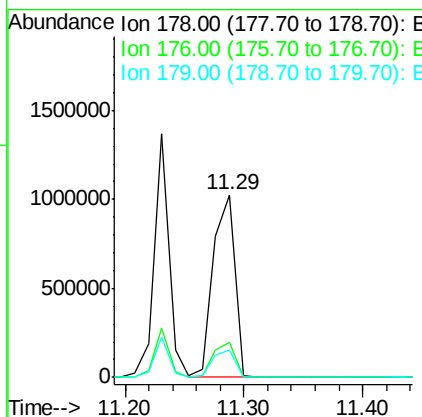
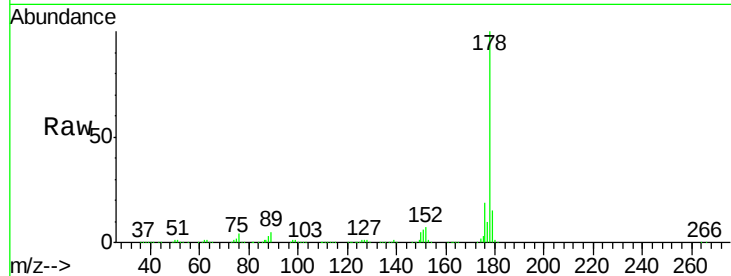
#71
 Anthracene
 Concen: 34.84 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tot Ion:178 Resp: 1290625
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.3 12.5 18.7

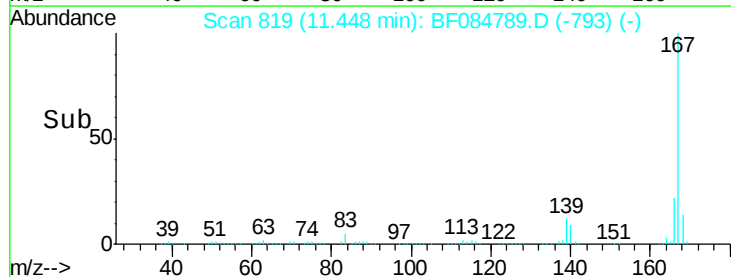
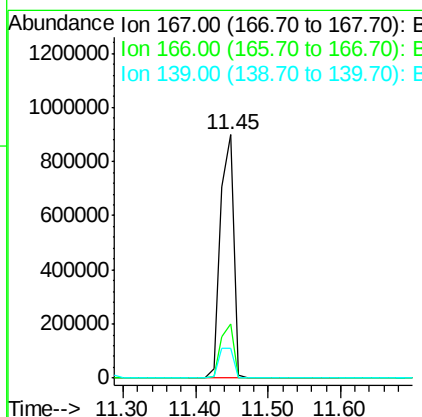
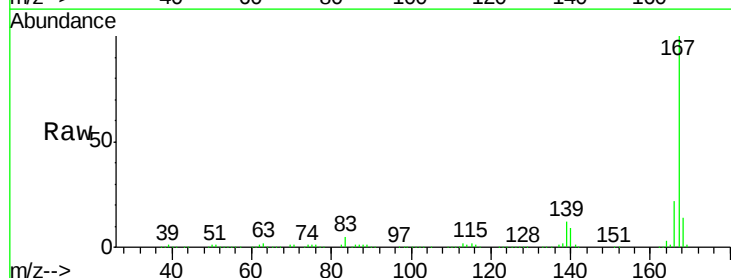
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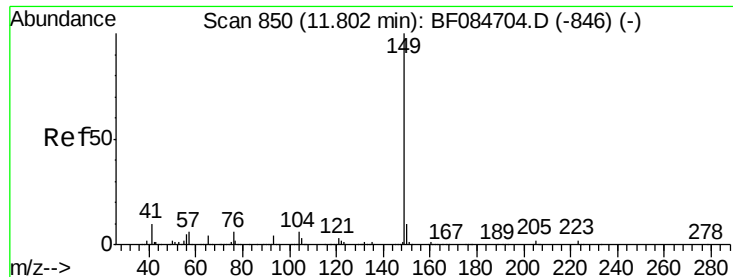
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#72
 Carbazole
 Concen: 35.47 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion:167 Resp: 1145914
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 31.21 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

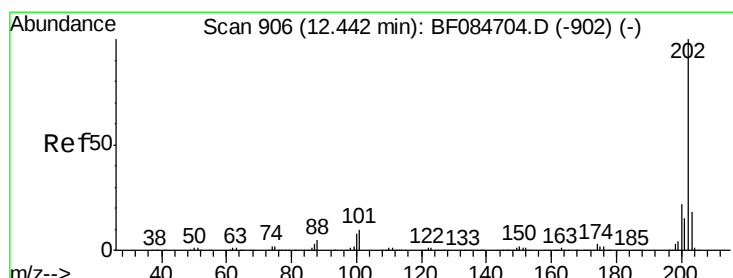
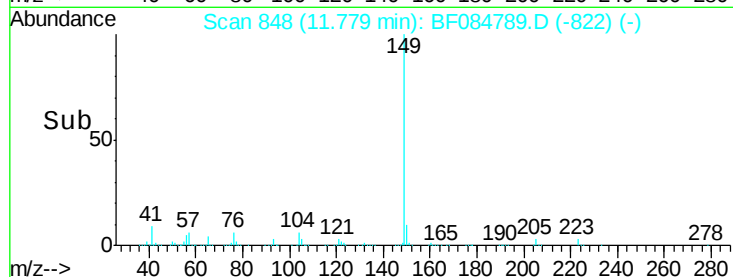
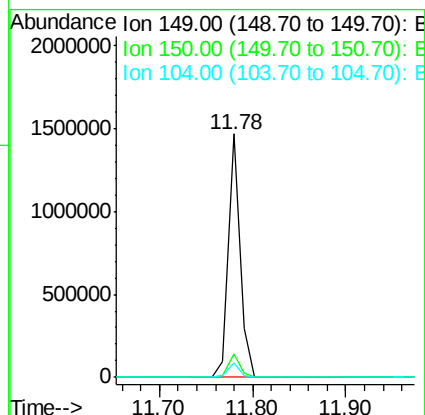
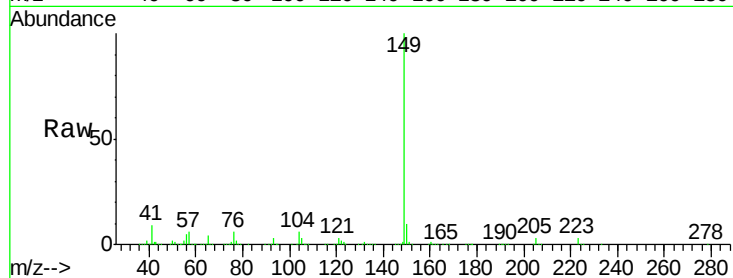
ClientSampleId :

PB88159BS

Tot Ion:	149	Resp:	1283611
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.1	10.7
104	5.9	3.2	4.8#

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#74

Fluoranthene

Concen: 34.46 ng

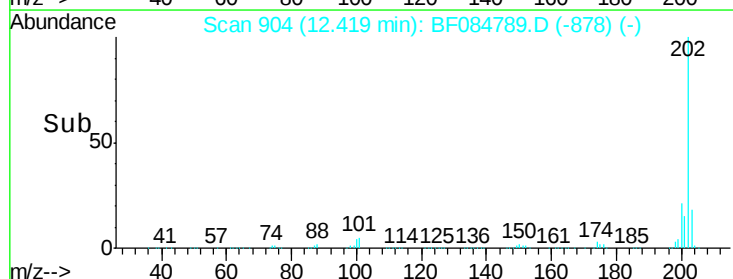
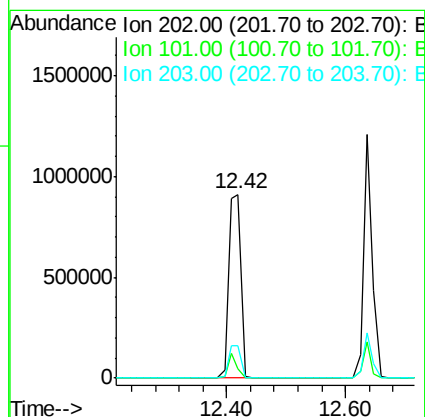
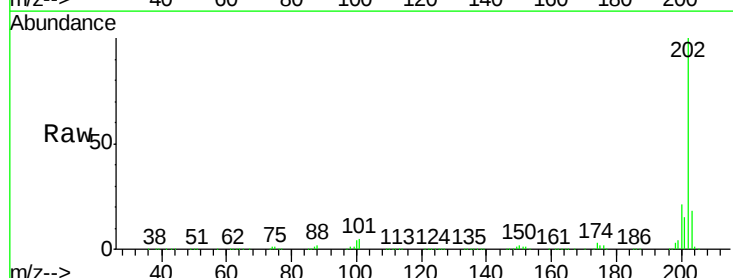
RT: 12.42 min Scan# 904

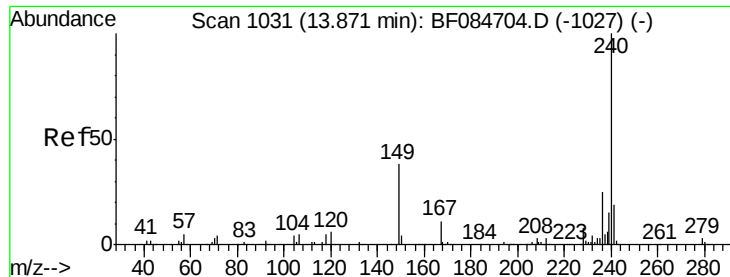
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	202	Resp:	1282453
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

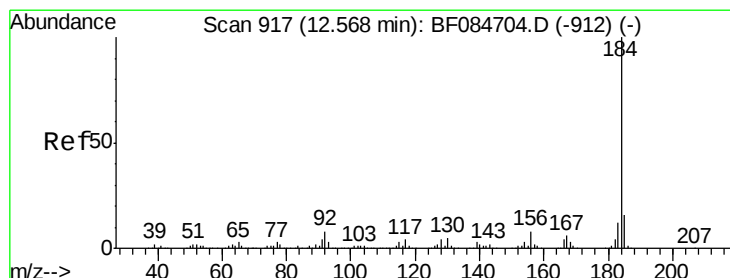
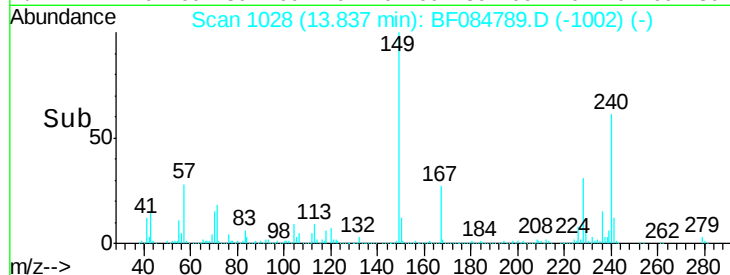
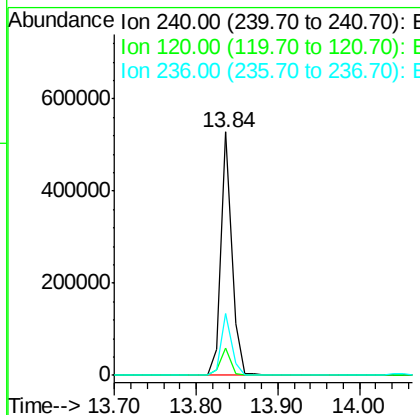
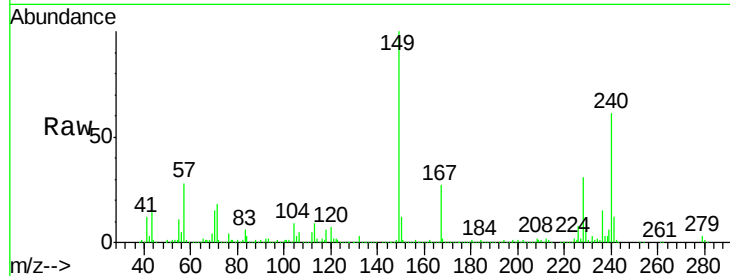
ClientSampleId :

PB88159BS

Tot Ion:	240	Resp:	485596
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.3	20.6	31.0

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#76

Benzidine

Concen: 21.46 ng

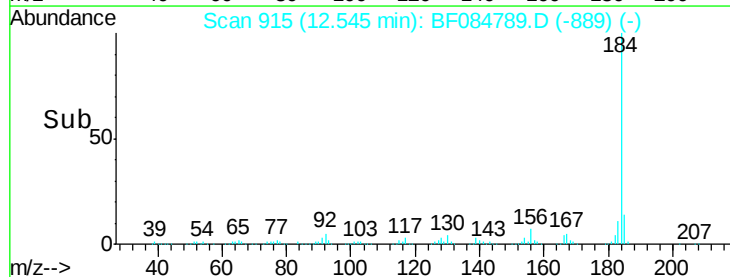
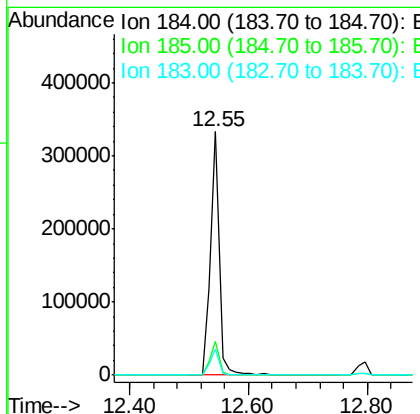
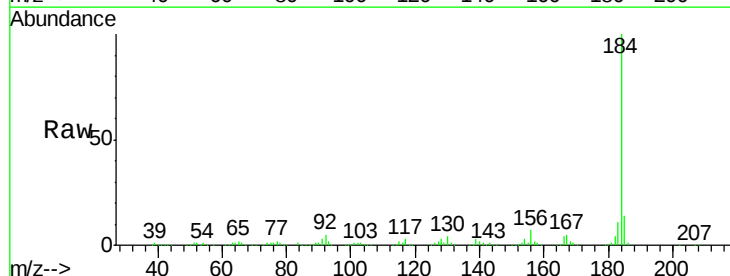
RT: 12.55 min Scan# 915

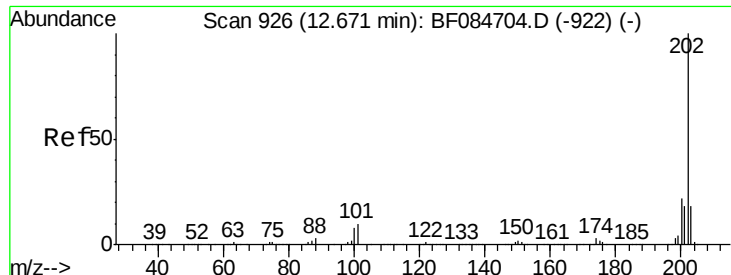
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	184	Resp:	344132
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.2	18.2
183	10.9	9.8	14.8





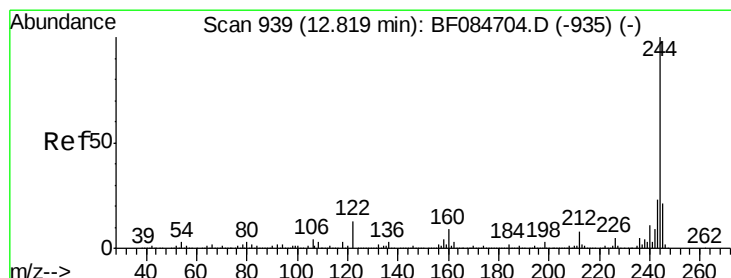
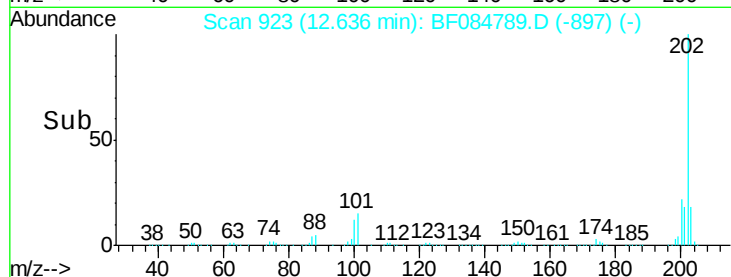
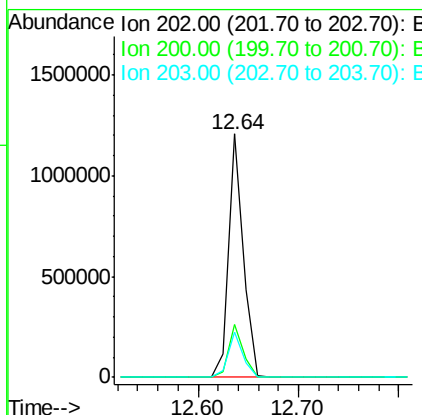
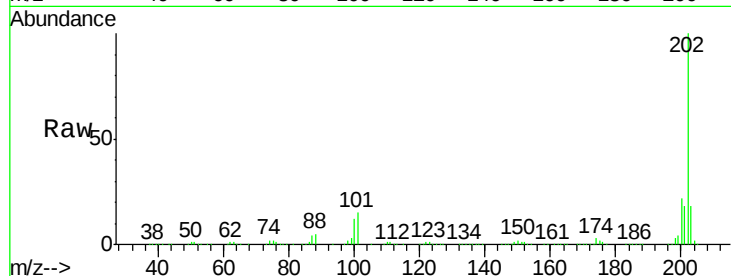
#77
Pvrene
Concen: 32.71 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.5	14.3	21.5

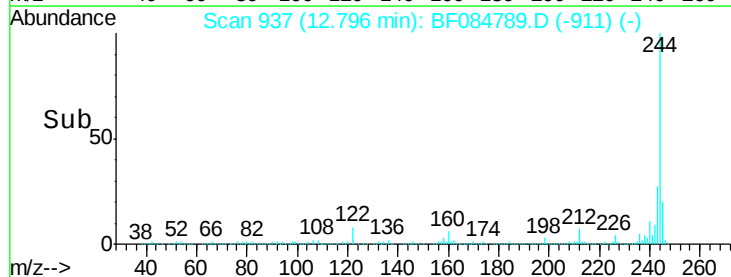
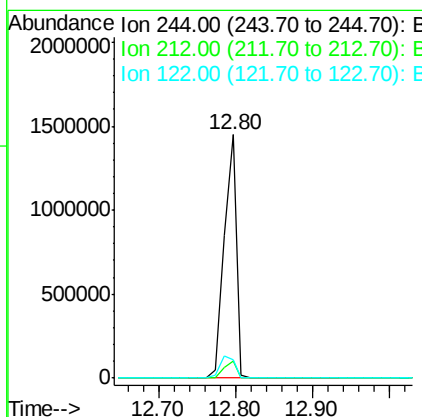
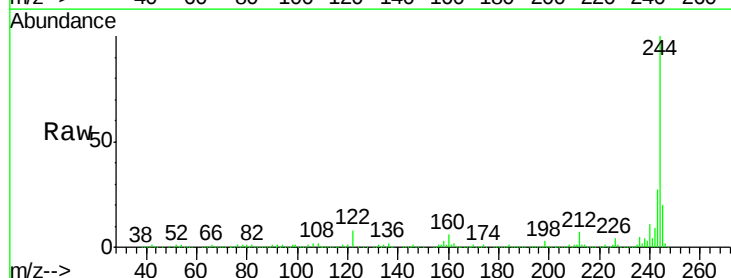
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#78
Terphenyl-d14
Concen: 76.11 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	7.4	11.0





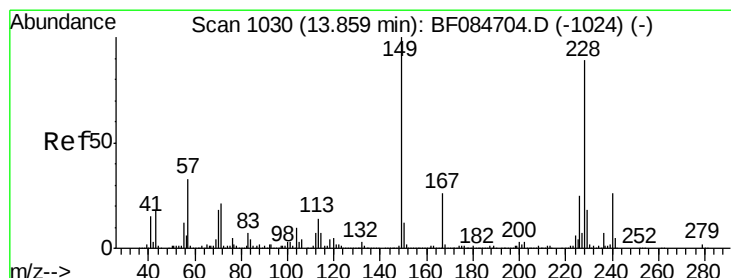
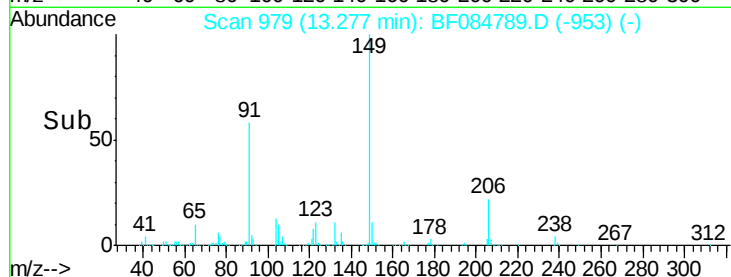
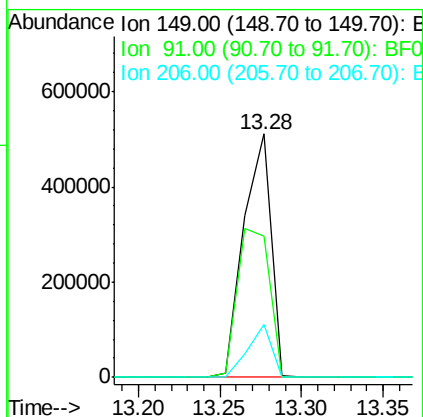
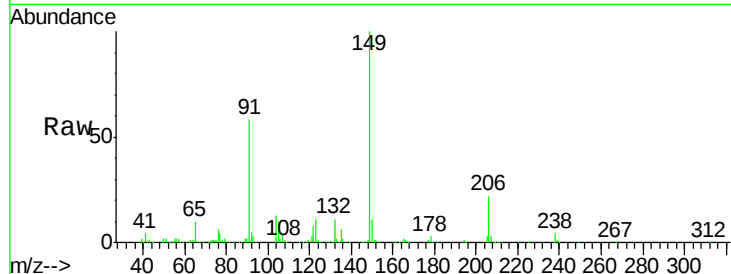
#79
Butylbenzylphthalate
Concen: 35.09 ng
RT: 13.28 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.2	57.6	86.4
206	22.0	13.2	19.8

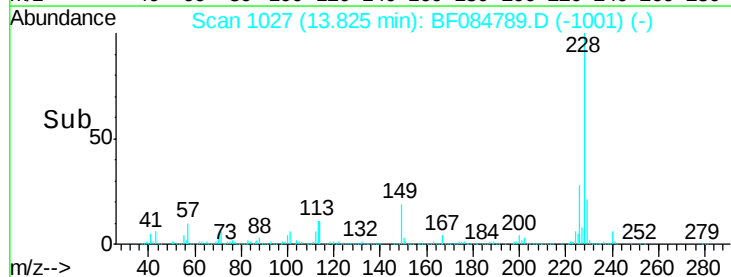
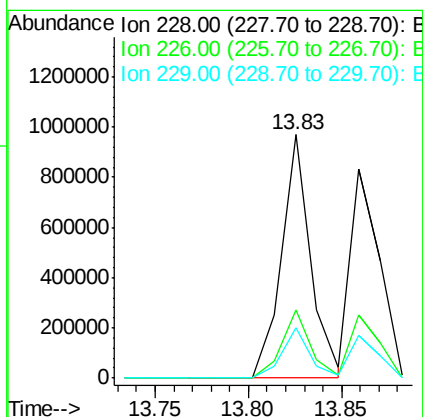
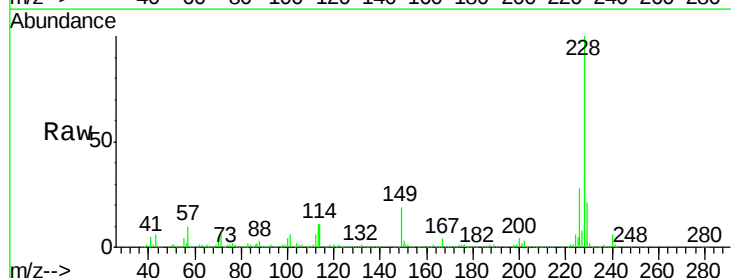
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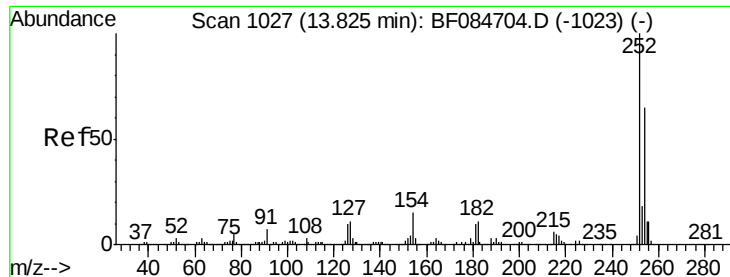
mohammad
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#80
Benzo(a)anthracene
Concen: 35.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.6	15.8	23.8





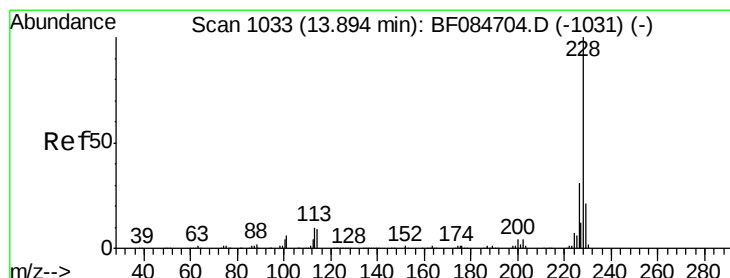
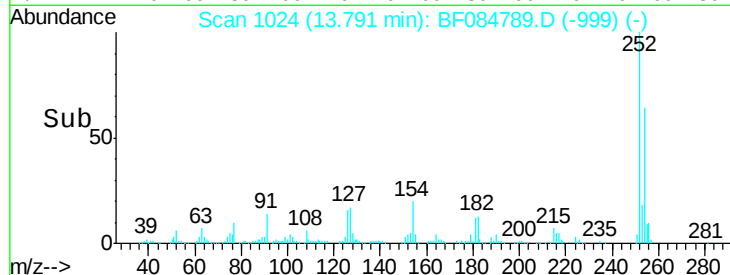
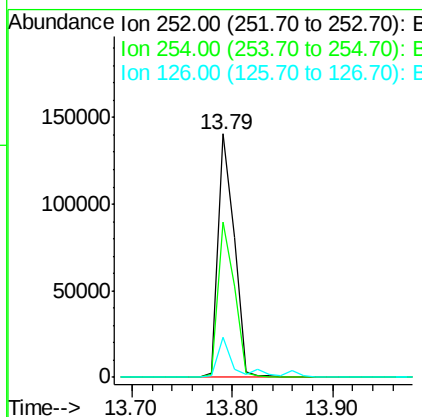
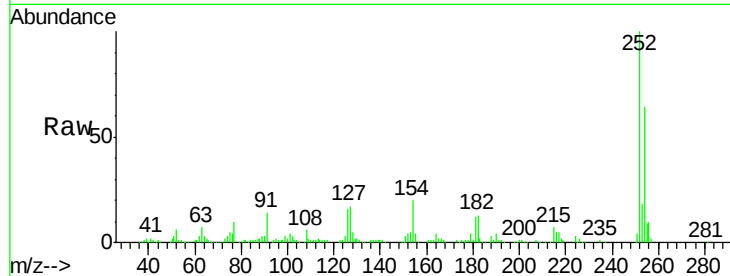
#81
 3,3'-Dichlorobenzidine
 Concen: 14.83 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	53.5	80.3
126	16.3	4.9	7.3

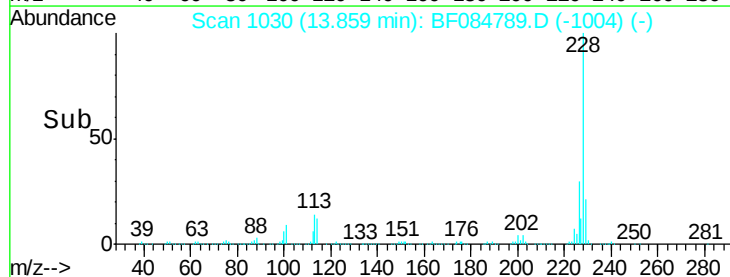
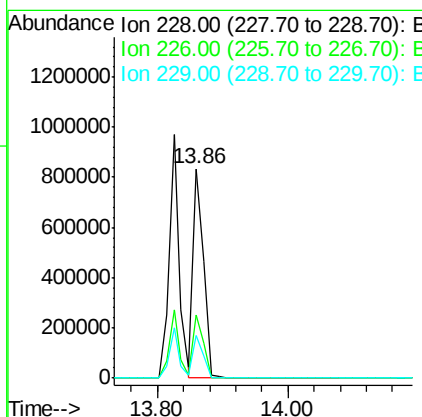
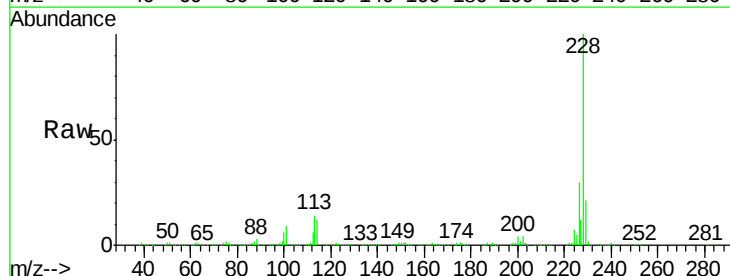
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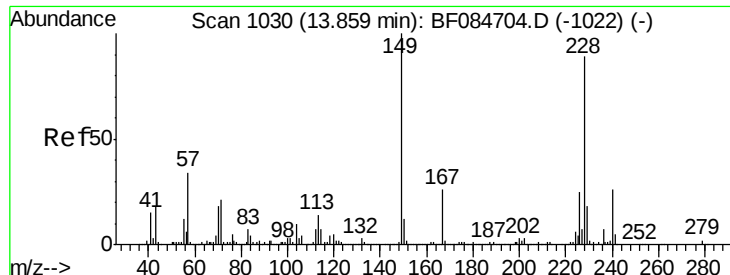
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#82
 Chrysene
 Concen: 31.41 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084789.D
 Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.3	36.5
229	20.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.31 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

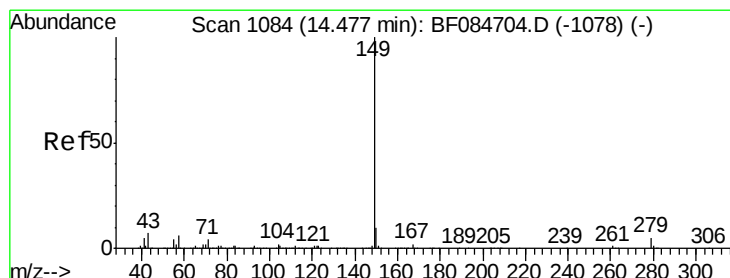
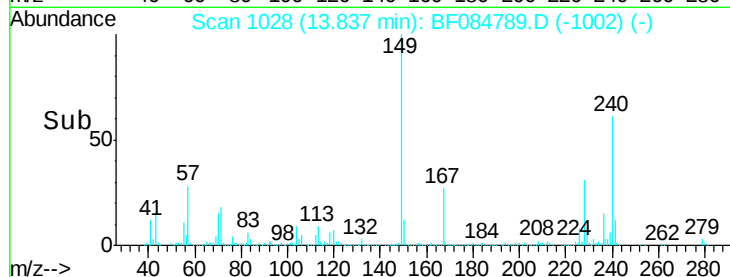
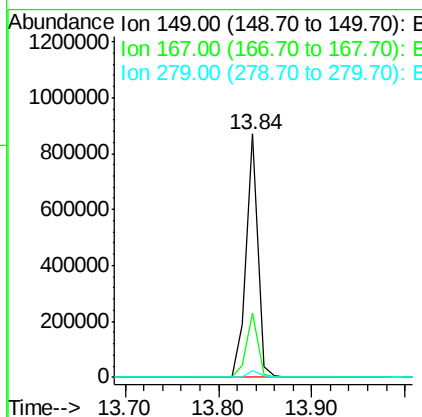
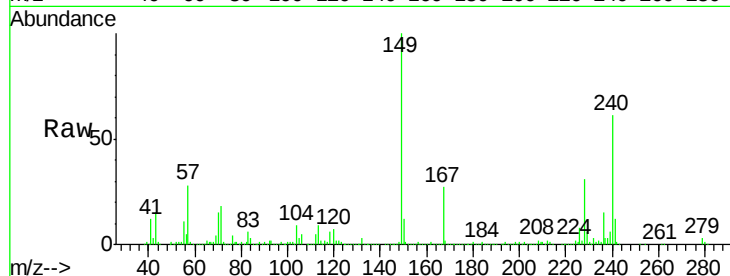
ClientSampleId :

PB88159BS

Tot Ion:	149	Resp:	762190
Ion Ratio		Lower	Upper
149	100		
167	26.6	19.7	29.5
279	3.0	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 33.67 ng

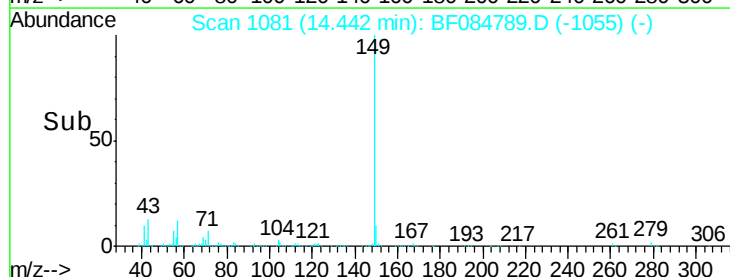
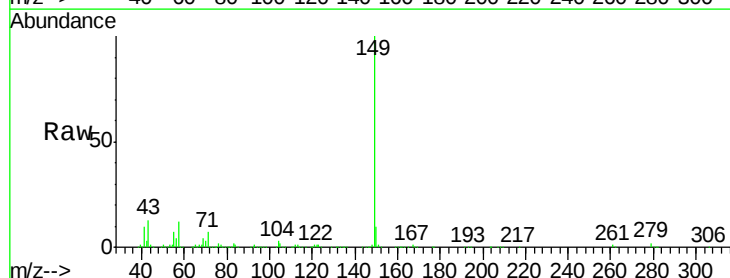
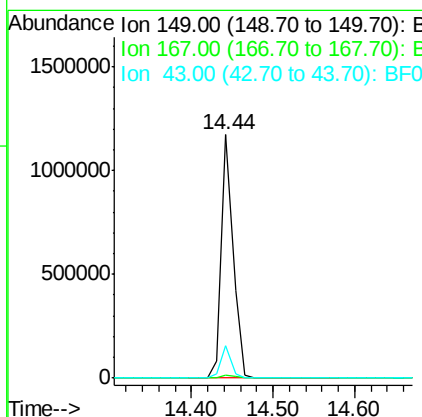
RT: 14.44 min Scan# 1081

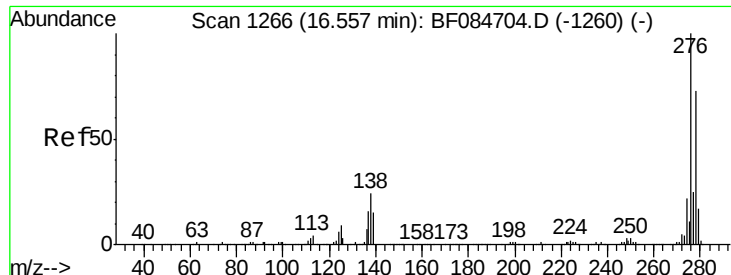
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion:	149	Resp:	1165772
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	5.6	8.4#





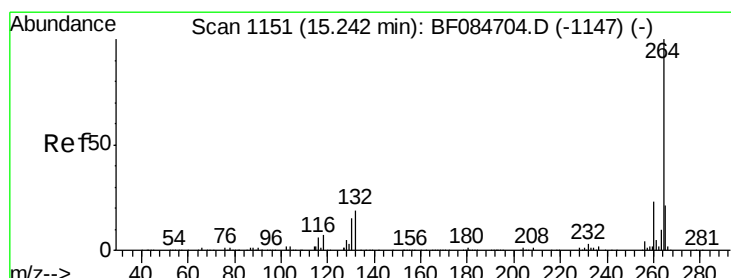
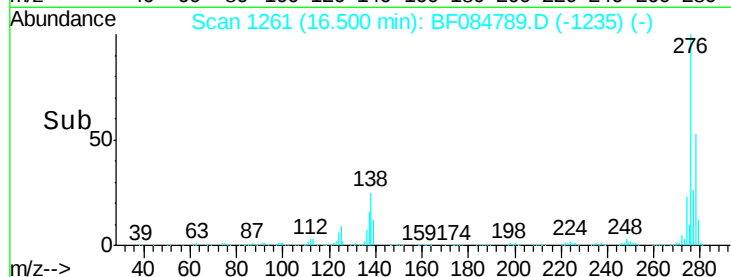
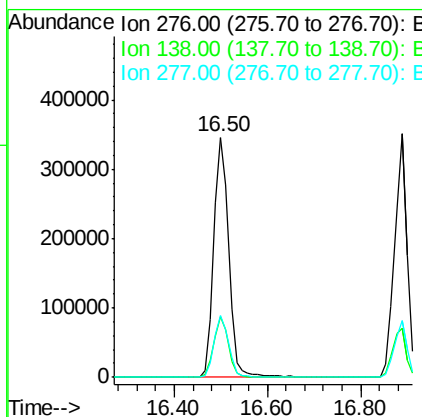
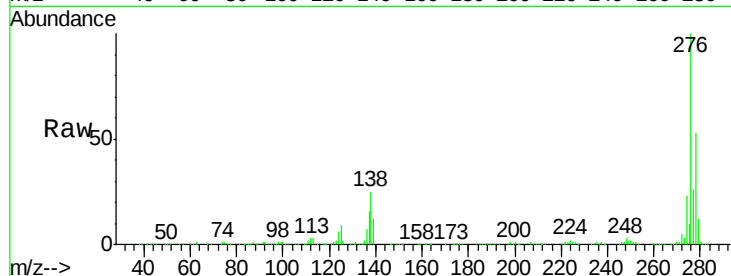
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.84 ng
RT: 16.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB88159BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.1	20.1	30.1

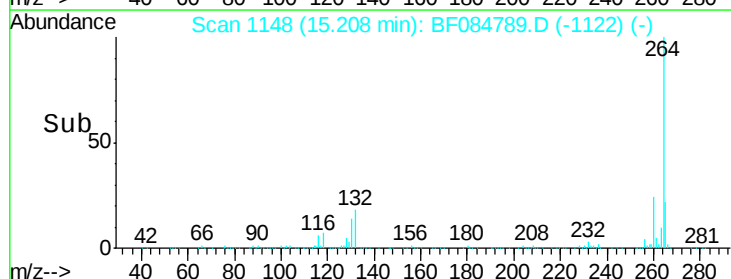
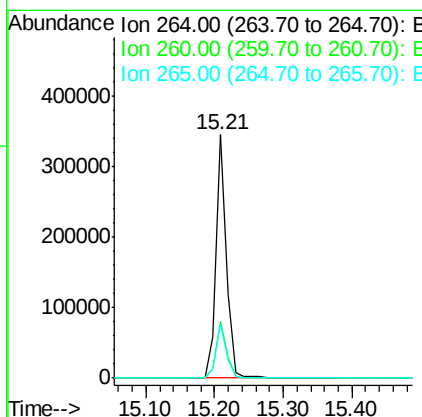
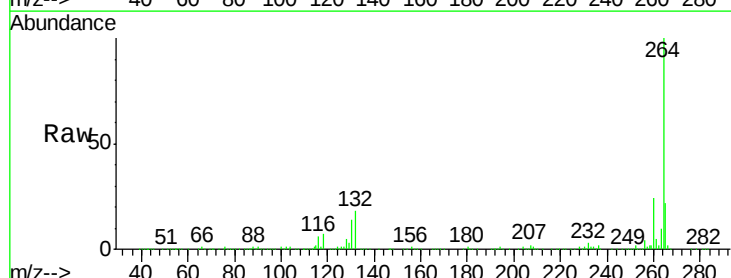
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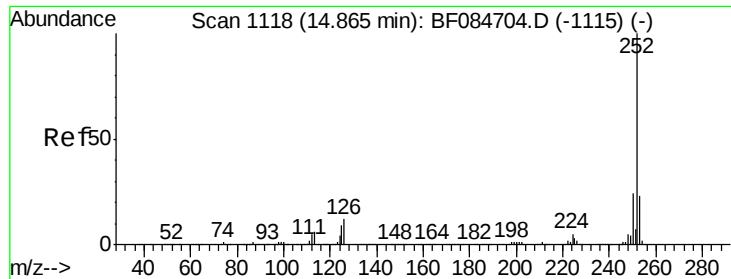
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084789.D
Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 33.00 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

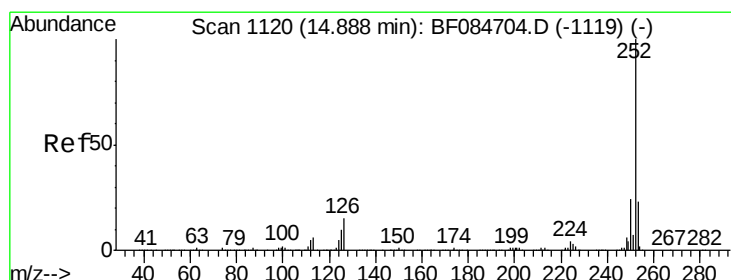
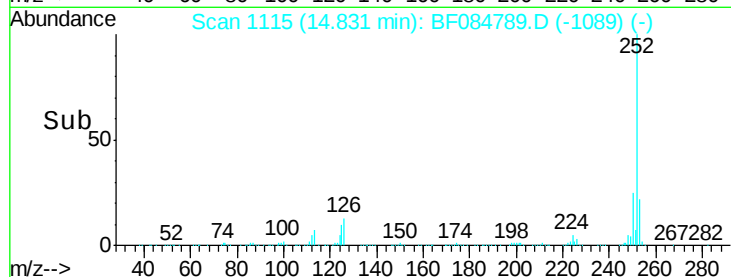
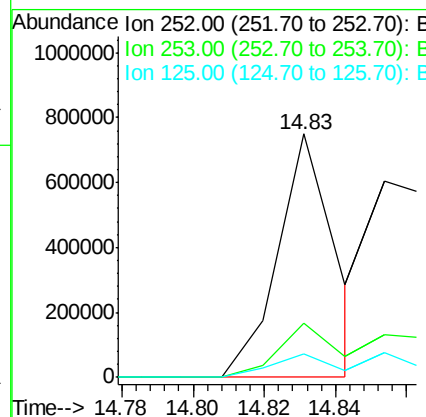
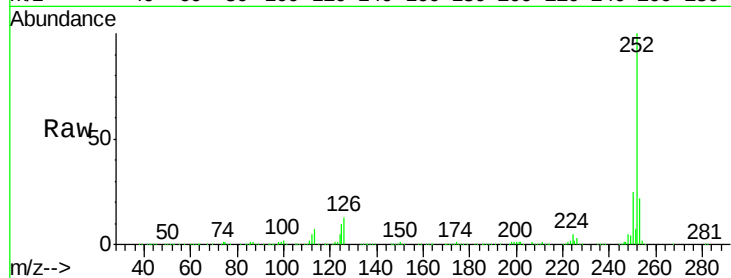
ClientSampleId :

PB88159BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.9	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 40.76 ng m

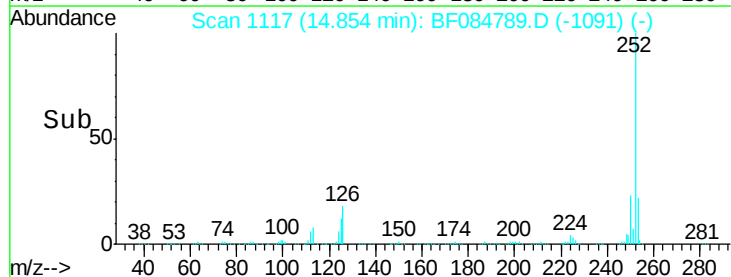
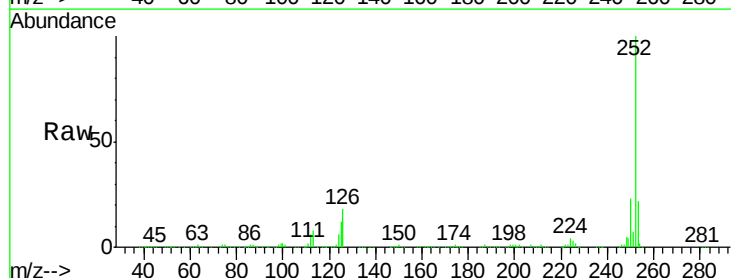
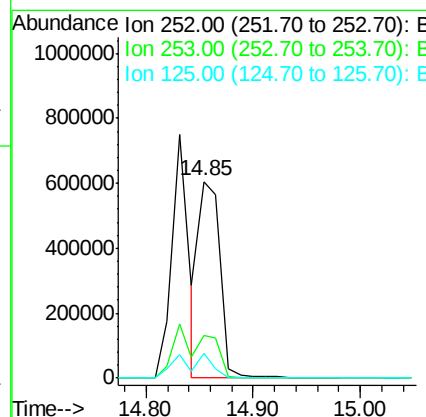
RT: 14.85 min Scan# 1117

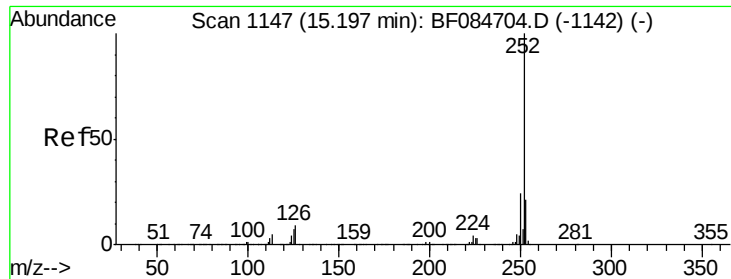
Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.5	9.0	13.6





#89

Benzo(a)pyrene

Concen: 35.98 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Instrument :

BNA_F

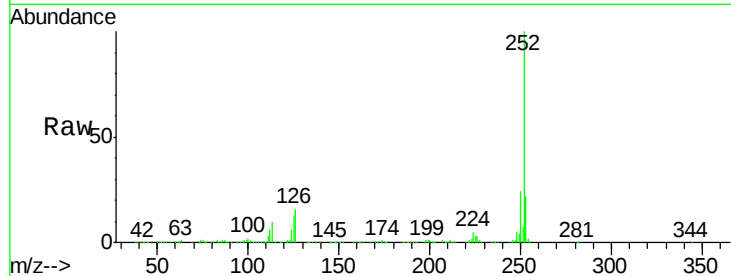
ClientSampleId :

PB88159BS

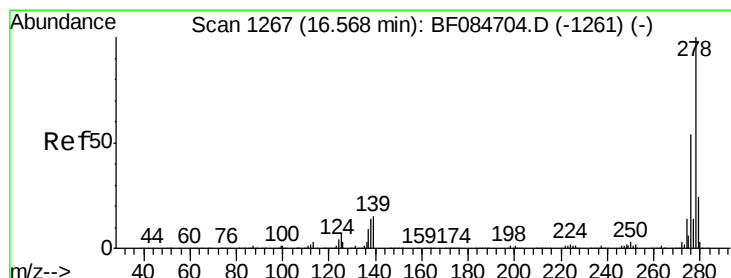
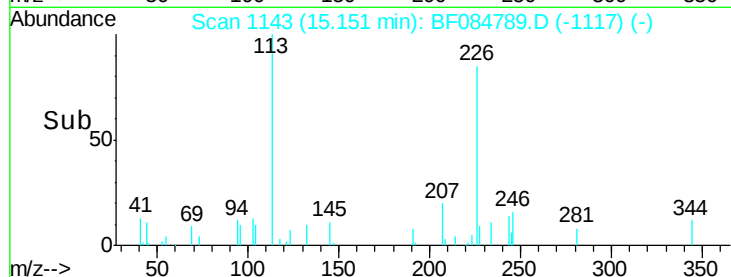
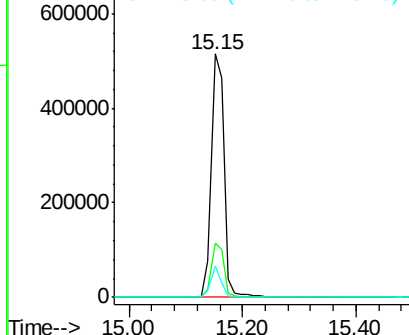
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.8	7.0	10.4

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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



#90

Dibenzo(a,h)anthracene

Concen: 35.61 ng

RT: 16.51 min Scan# 1262

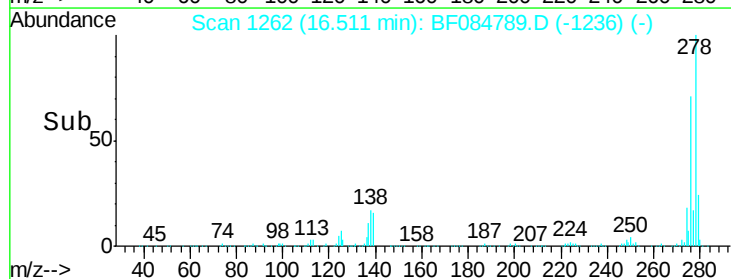
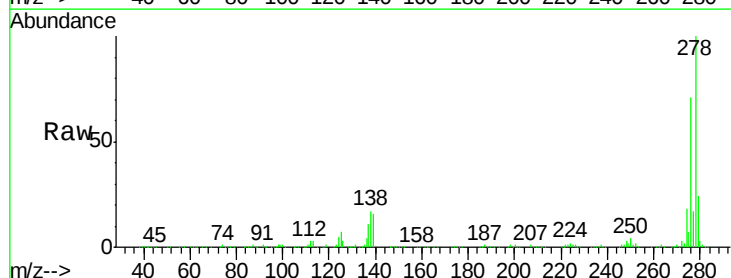
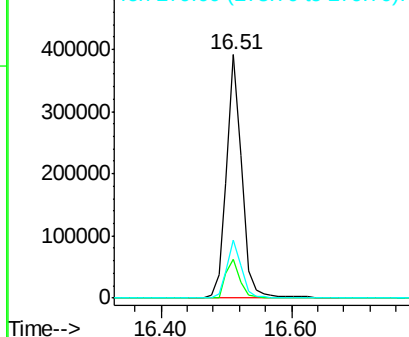
Delta R.T. 0.00 min

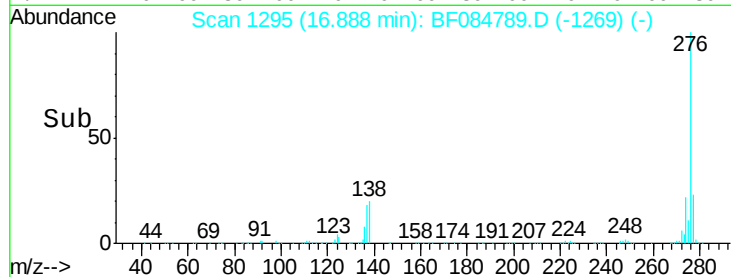
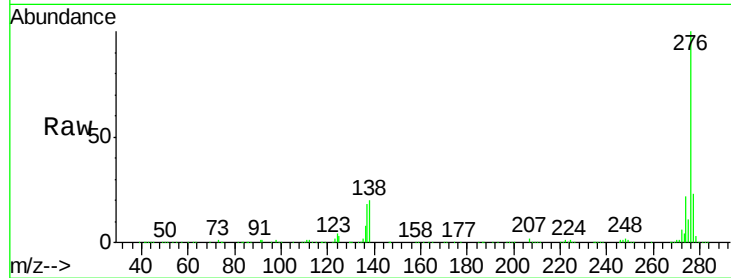
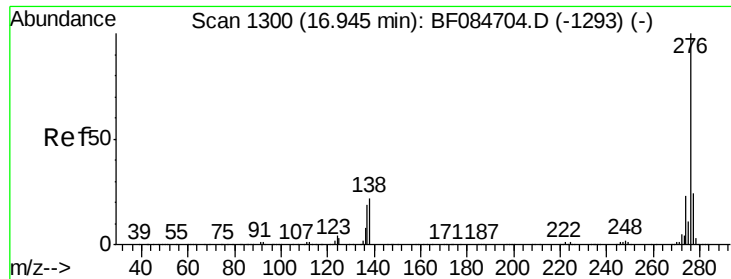
Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.0	22.4
279	23.6	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.46 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF084789.D

Acq: 3 Feb 2016 17:21

Tot Ion:	276	Resp:	662663
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	20.1	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PB88159BS

Manual Integrations
APPROVED

mohammad
2/4/2016 2:04:29 PM

