

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084791.D
 Acq On : 3 Feb 2016 18:17
 Operator : SJ/IZ
 Sample : PB88149BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Manual Integrations
 APPROVED

mohammad
 2/4/2016 2:04:33 PM

Quant Time: Feb 04 00:44:48 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	176164	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	719756	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	345066	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	637099	20.00	ng	0.00
75) Chrysene-d12	13.84	240	460208	20.00	ng	0.00
86) Perylene-d12	15.21	264	358872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1257349	111.17	ng	0.01
7) Phenol-d6	6.35	99	1648489	117.57	ng	0.01
23) Nitrobenzene-d5	7.26	82	1047625	81.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	451362	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1748865	85.51	ng	0.00
78) Terphenyl-d14	12.80	244	1774092	87.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	160591	32.42	ng	# 74
3) Pyridine	2.92	79	504363	39.07	ng	# 67
4) n-Nitrosodimethylamine	2.89	42	262135	39.27	ng	85
6) Aniline	6.35	93	435385	25.38	ng	# 61
8) 2-Chlorophenol	6.48	128	512067	40.00	ng	97
9) Benzaldehyde	6.22	77	186352	22.51	ng	92
10) Phenol	6.36	94	584665	37.22	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	450645m	36.79	ng	
12) 1,3-Dichlorobenzene	6.62	146	499623	36.94	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	514185	38.03	ng	95
14) 1,2-Dichlorobenzene	6.85	146	438232	34.80	ng	94
15) Benzyl Alcohol	6.84	79	384418	39.70	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	725616	35.22	ng	88
17) 2-Methylphenol	6.97	107	406285	40.13	ng	# 92
18) Hexachloroethane	7.20	117	196331	37.70	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	329155	37.45	ng	# 77
20) 3+4-Methylphenols	7.12	107	484988	38.59	ng	# 76
22) Acetophenone	7.10	105	683092	36.01	ng	99
24) Nitrobenzene	7.28	77	468586	34.25	ng	96
25) Isophorone	7.53	82	927571	37.33	ng	95
26) 2-Nitrophenol	7.60	139	274324	40.65	ng	# 88
27) 2,4-Dimethylphenol	7.64	122	447288	38.11	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	548874	37.24	ng	98
29) 2,4-Dichlorophenol	7.85	162	405472	40.37	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	406238	35.81	ng	96
31) Naphthalene	8.00	128	1328384	36.79	ng	99
32) Benzoic acid	7.79	122	282634	37.65	ng	95
33) 4-Chloroaniline	8.05	127	203429	13.62	ng	93
34) Hexachlorobutadiene	8.12	225	251511	38.45	ng	98
35) Caprolactam	8.43	113	128779m	41.60	ng	
36) 4-Chloro-3-methylphenol	8.56	107	472094	41.21	ng	98
37) 2-Methylnaphthalene	8.69	142	967281	42.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	355942	32.48	ng	98
40) Hexachlorocyclopentadiene	8.84	237	361412	76.19	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	277020	39.24	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	276741	38.58	nq	93
45) 1,1'-Biphenyl	9.15	154	1052124	34.14	nq	98
46) 2-Chloronaphthalene	9.17	162	804294	35.44	nq	95
47) 2-Nitroaniline	9.28	65	250043	34.79	nq	98
48) Acenaphthylene	9.58	152	1252511	36.36	nq	98
49) Dimethylphthalate	9.47	163	1054539	40.12	nq	# 91
50) 2,6-Dinitrotoluene	9.53	165	235028	40.94	nq	# 84
51) Acenaphthene	9.76	154	797409	35.59	nq	98
52) 3-Nitroaniline	9.69	138	122424	18.98	nq	98
53) 2,4-Dinitrophenol	9.80	184	207651	78.48	nq	# 85
54) Dibenzofuran	9.94	168	1164609	42.52	nq	99
55) 4-Nitrophenol	9.87	139	320178	67.53	nq	# 77
56) 2,4-Dinitrotoluene	9.93	165	268186	36.62	nq	# 80
57) Fluorene	10.27	166	853973	37.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	209896	38.44	nq	96
59) Diethylphthalate	10.17	149	1023646	39.89	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	399211	40.88	nq	97
61) 4-Nitroaniline	10.30	138	213165	33.91	nq	93
62) Azobenzene	10.43	77	1043750	42.30	nq	91
64) 4,6-Dinitro-2-methylphenol	10.34	198	170890	43.46	nq	88
65) n-Nitrosodiphenylamine	10.40	169	836665	41.36	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	288420	40.99	nq	97
67) Hexachlorobenzene	10.82	284	287929	37.55	nq	# 89
68) Atrazine	10.92	200	249910	39.12	nq	99
69) Pentachlorophenol	11.03	266	290305	80.56	nq	99
70) Phenanthrene	11.23	178	1289643	36.50	nq	97
71) Anthracene	11.29	178	1439090	40.42	nq	99
72) Carbazole	11.45	167	1295840	41.74	nq	98
73) Di-n-butylphthalate	11.78	149	1390027	35.17	nq	# 96
74) Fluoranthene	12.42	202	1462993	40.91	nq	93
76) Benzidine	12.55	184	558025	34.20	nq	98
77) Pyrene	12.64	202	1385297	39.32	nq	99
79) Butylbenzylphthalate	13.28	149	672778	42.09	nq	# 85
80) Benzo(a)anthracene	13.83	228	1147059	40.16	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	192606	19.04	nq	# 93
82) Chrysene	13.86	228	1020151	36.83	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	830525	41.75	nq	# 96
84) Di-n-octyl phthalate	14.44	149	1291210	39.34	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	847894	38.89	nq	98
87) Benzo(b)fluoranthene	14.83	252	868240m	36.01	nq	
88) Benzo(k)fluoranthene	14.87	252	910291m	45.66	nq	
89) Benzo(a)pyrene	15.15	252	810878	39.47	nq	# 95
90) Dibenzo(a,h)anthracene	16.51	278	709473	41.02	nq	98
91) Benzo(g,h,i)perylene	16.89	276	720471	41.36	nq	98

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

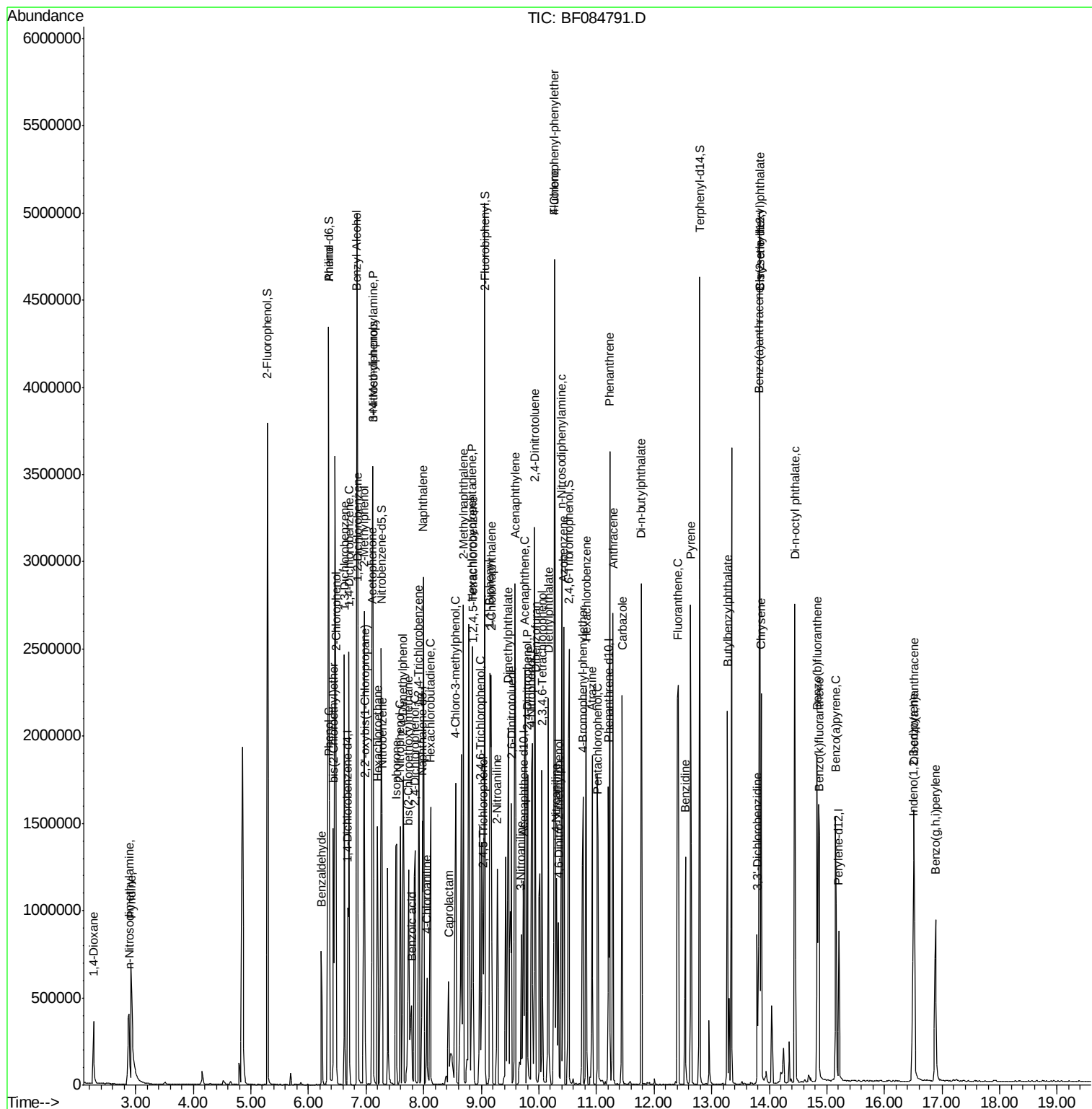
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Sample    : PB88149BS  
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#1

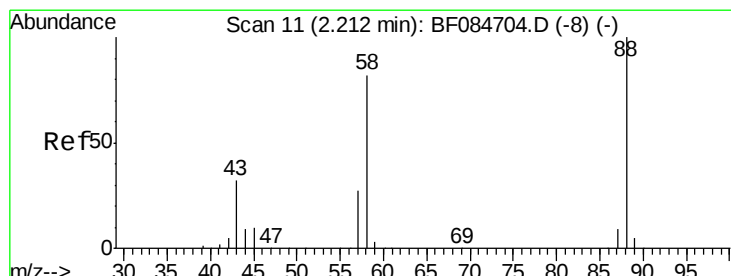
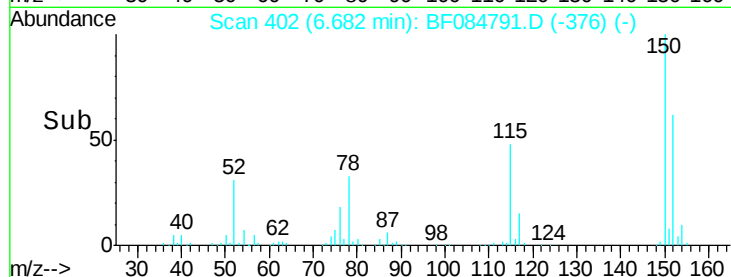
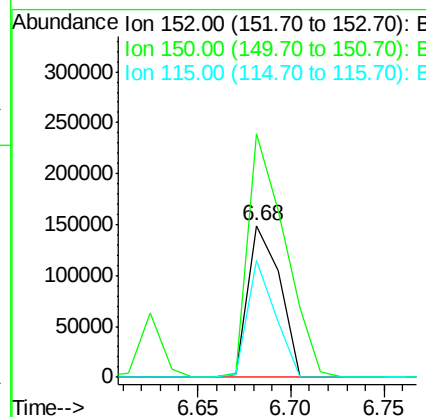
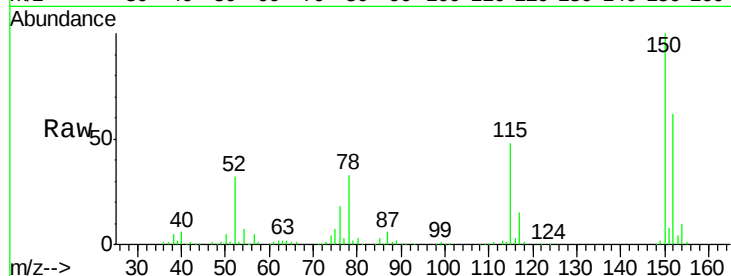
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.0	184.4
115	76.9	51.4	77.2

Manual Integrations
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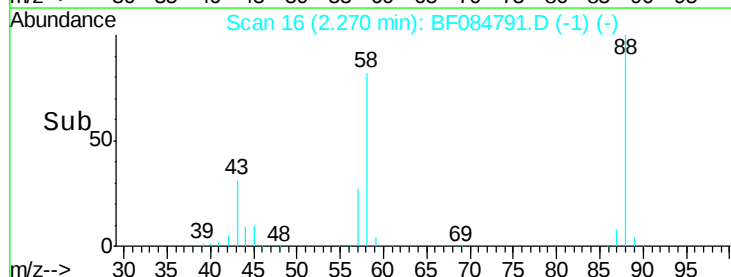
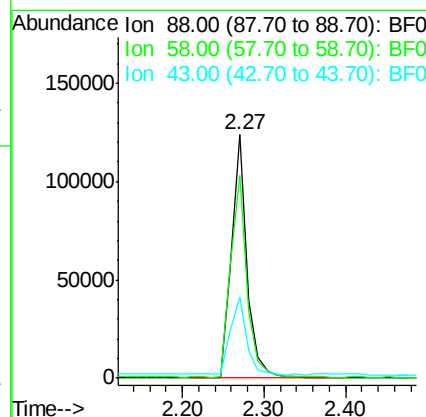
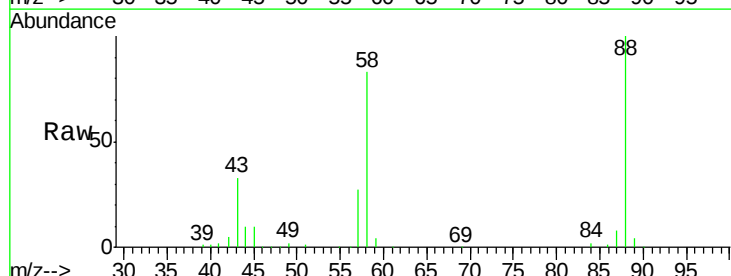
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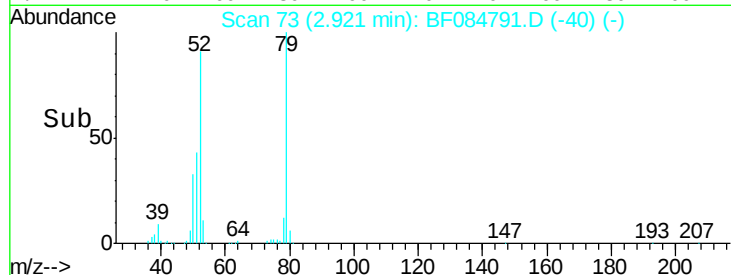
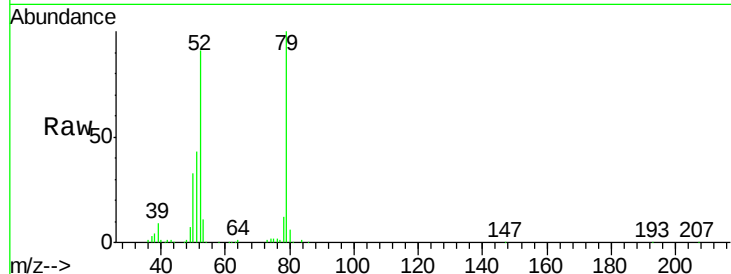
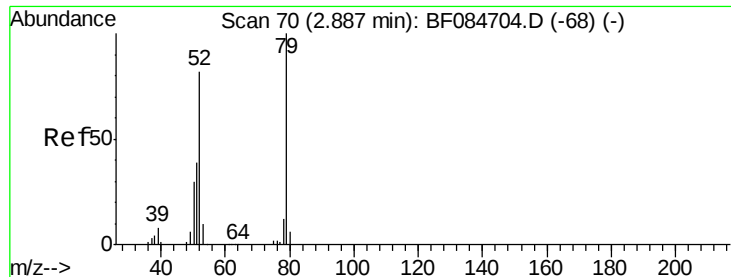


#2

1,4-Dioxane
Concen: 32.42 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	51.2	76.8#
43	33.8	19.5	29.3#





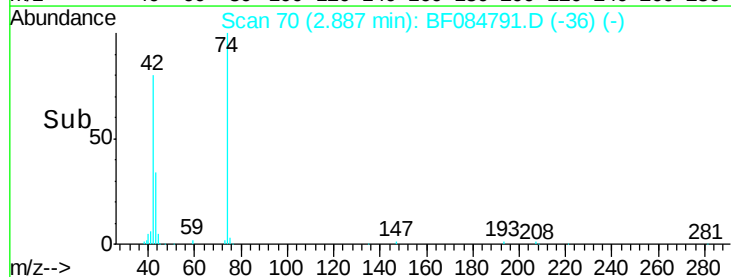
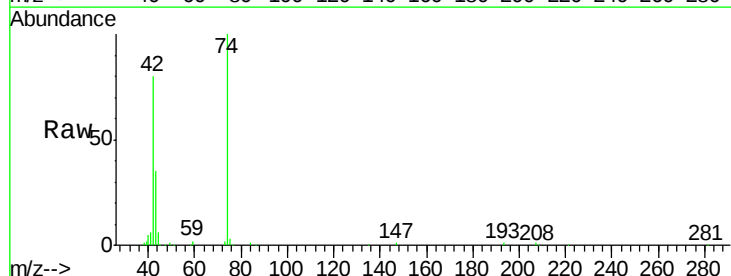
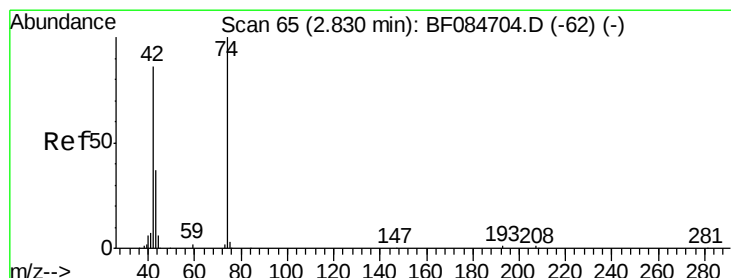
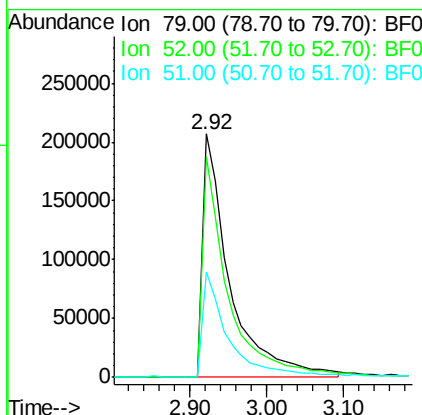
#3
 Pvridine
 Concen: 39.07 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.08 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	90.6	49.0		73.4#	
51	43.1	25.2		37.8#	

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

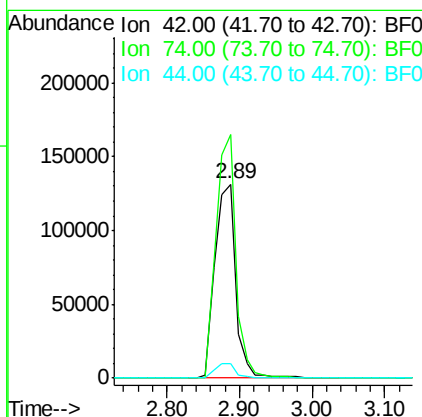
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#4
 n-Nitrosodimethylamine
 Concen: 39.27 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.09 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	125.6	115.7		173.5	
44	7.2	5.1		7.7	





#5

2-Fluorophenol

Concen: 111.17 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

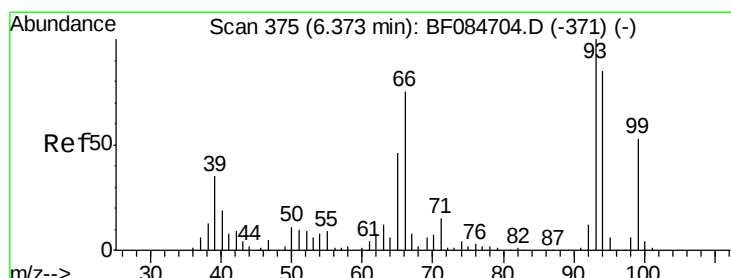
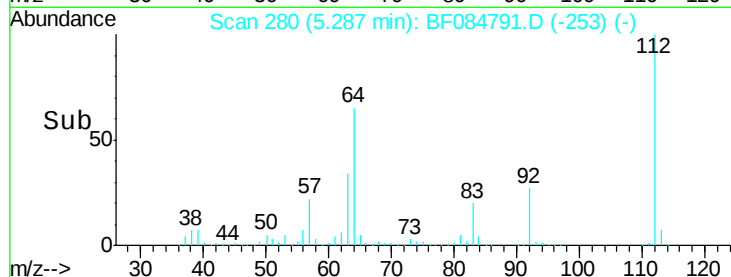
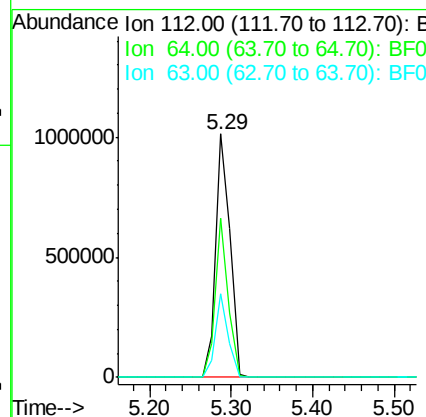
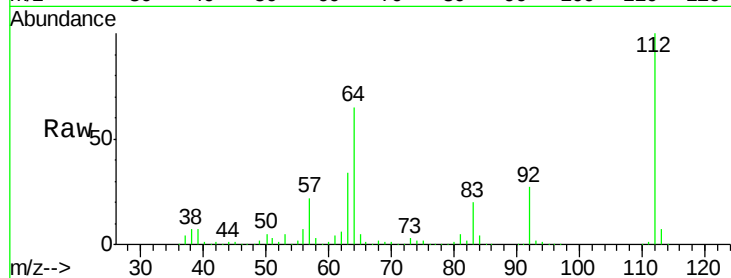
ClientSampleId :

PB88149BS

Tot Ion:	112	Resp:	1257349
Ion Ratio	Lower	Upper	
112	100		
64	65.4	36.6	55.0#
63	34.5	19.4	29.0#

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#6

Aniline

Concen: 25.38 ng

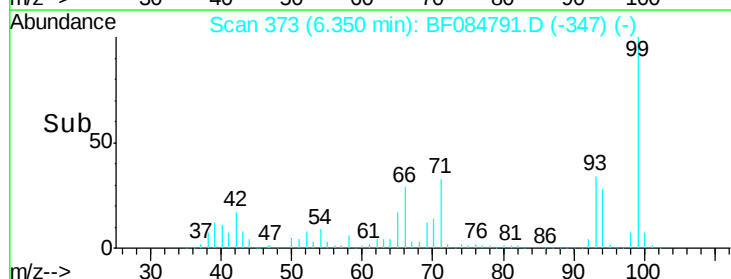
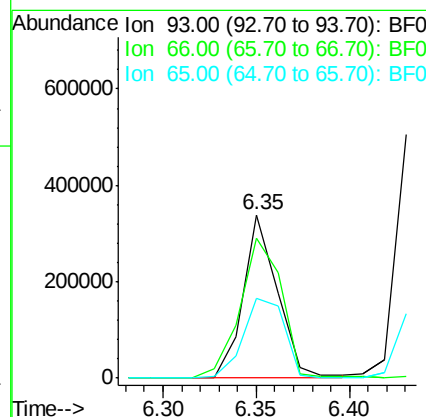
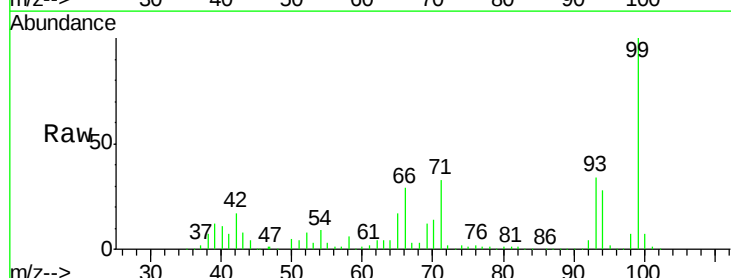
RT: 6.35 min Scan# 373

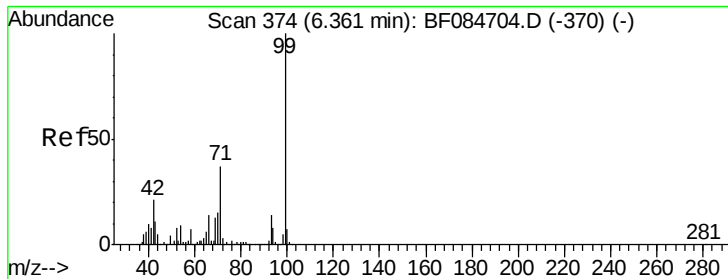
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	93	Resp:	435385
Ion Ratio	Lower	Upper	
93	100		
66	85.3	44.9	67.3#
65	48.9	23.7	35.5#





#7

Phenol-d6

Concen: 117.57 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tot Ion: 99 Resp: 1648489

Ion Ratio Lower Upper

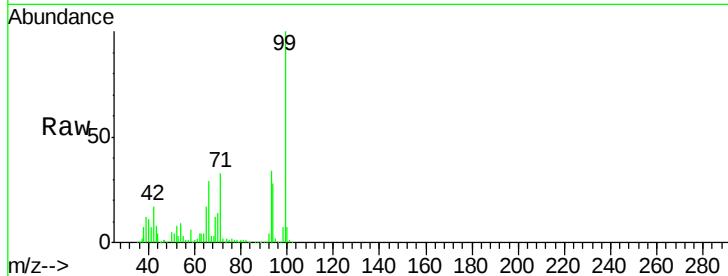
99 100

42 16.6 12.8 19.2

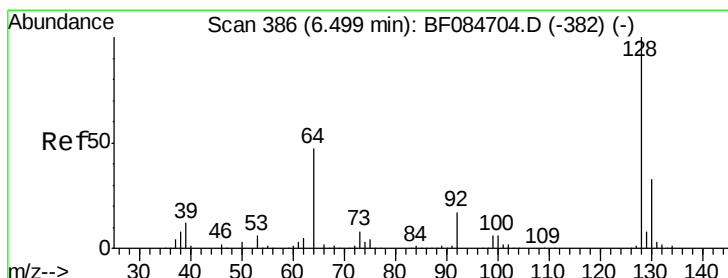
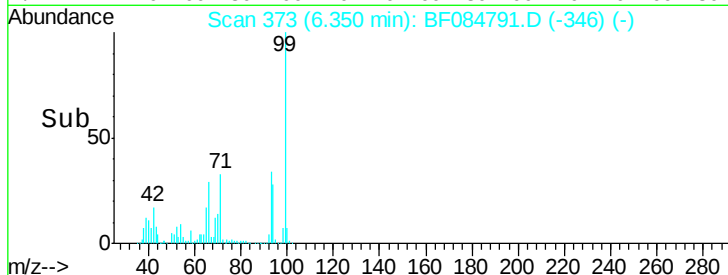
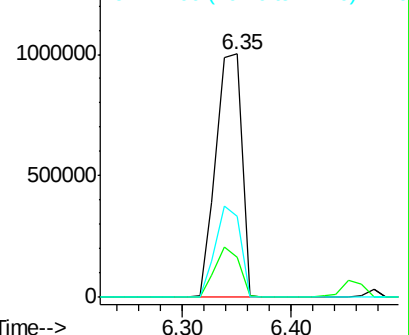
71 33.1 30.9 46.3

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



#8

2-Chlorophenol

Concen: 40.00 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

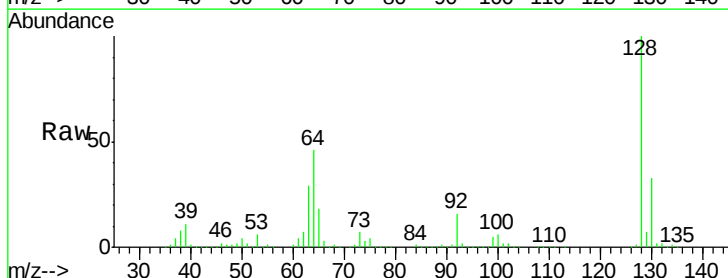
Tgt Ion: 128 Resp: 512067

Ion Ratio Lower Upper

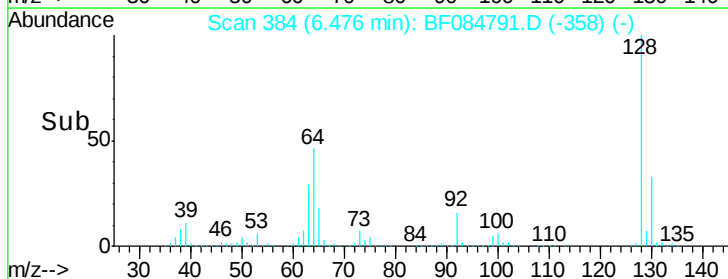
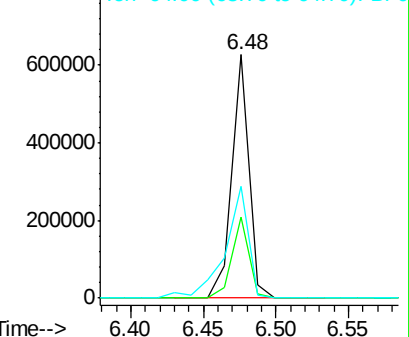
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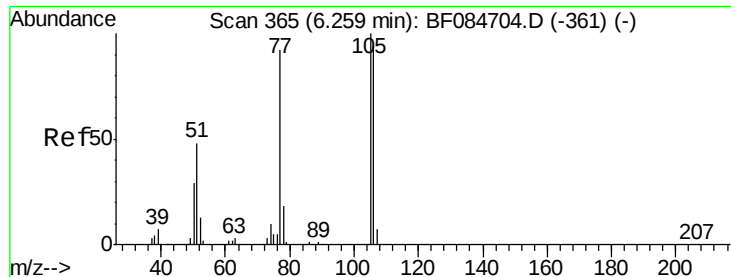
130 33.1 11.6 51.6

64 45.9 23.8 63.8



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





#9

Benzaldehyde

Concen: 22.51 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

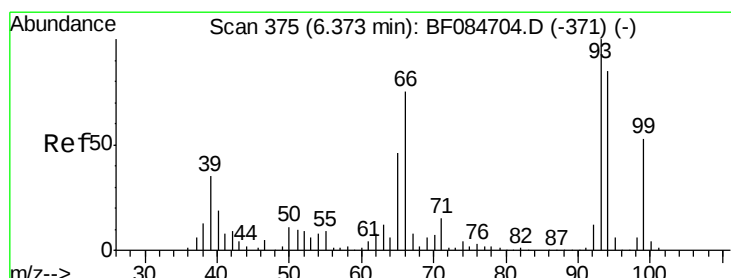
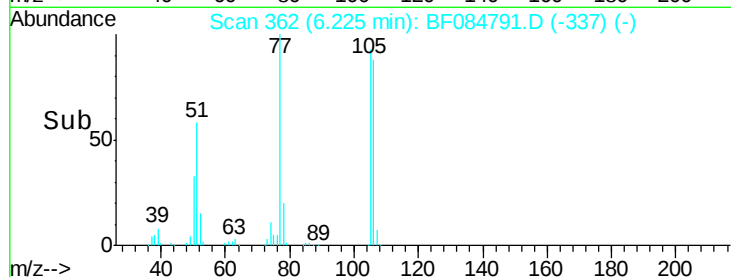
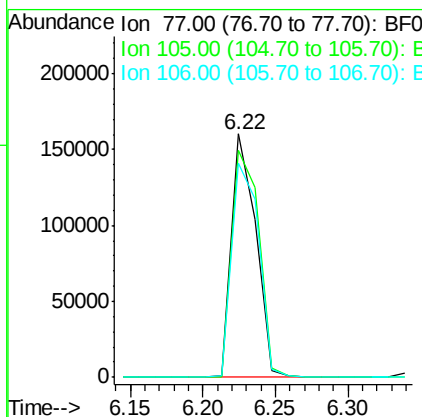
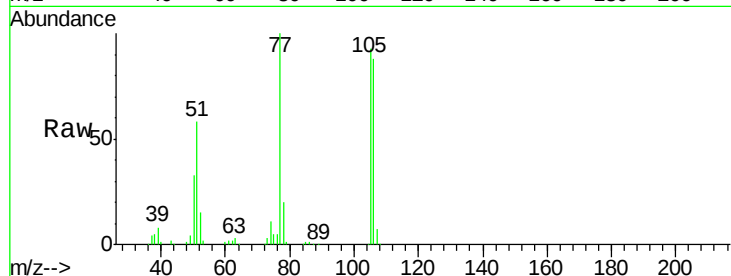
ClientSampleId :

PB88149BS

Tot Ion:	77	Resp:	186352
Ion Ratio	Lower	Upper	
77	100		
105	93.0	83.0	123.0
106	87.8	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 37.22 ng

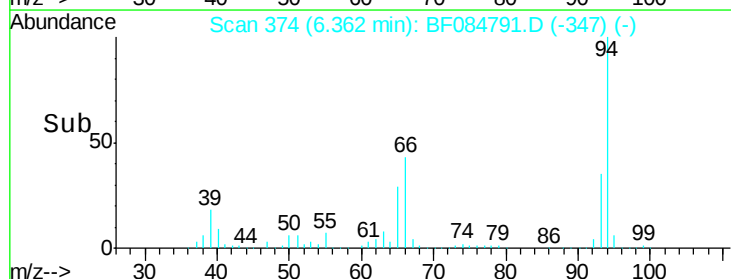
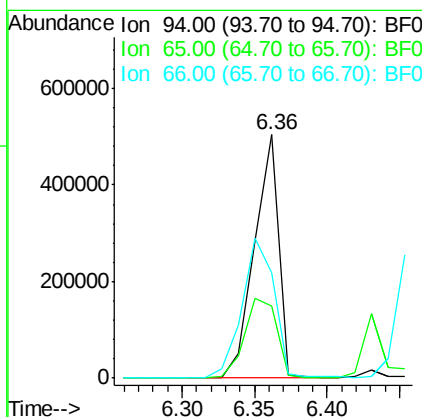
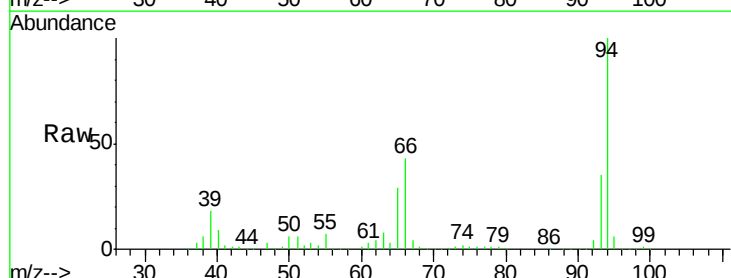
RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	94	Resp:	584665
Ion Ratio	Lower	Upper	
94	100		
65	29.5	12.9	52.9
66	43.1	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.79 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

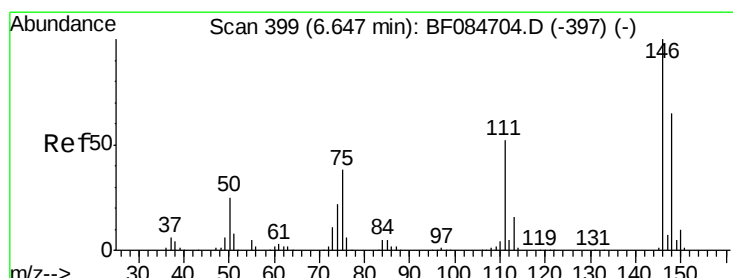
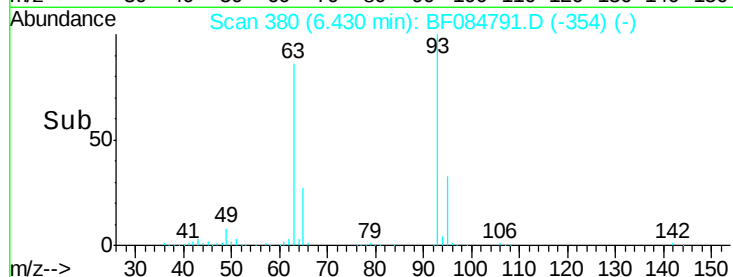
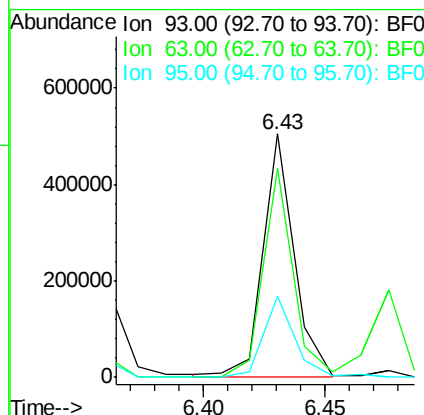
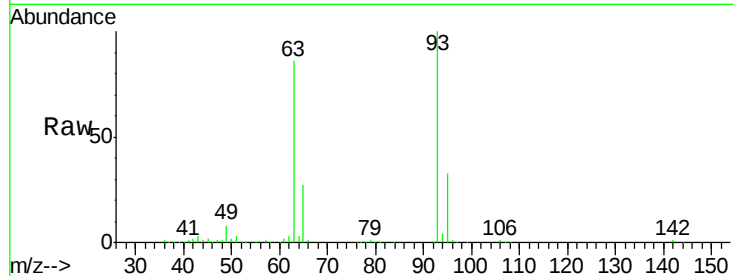
ClientSampleId :

PB88149BS

Tot Ion:	93	Resp:	450645
Ion Ratio	Lower	Upper	
93	100		
63	85.6	45.9	85.9
95	33.1	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.94 ng/mL

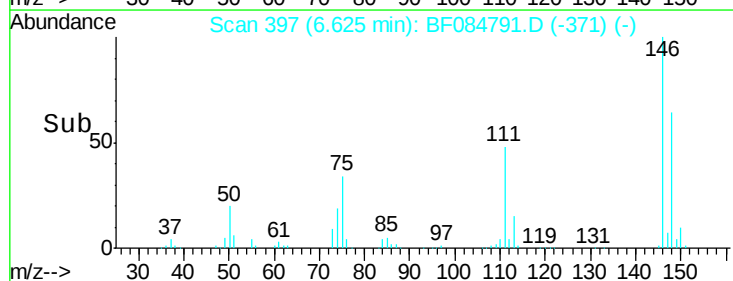
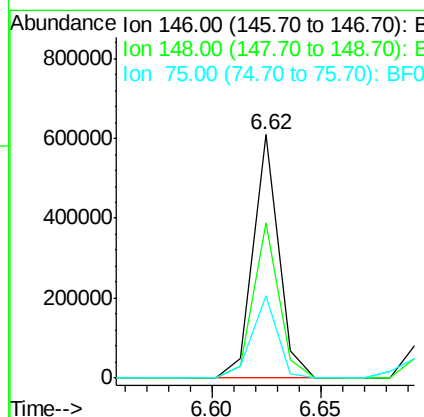
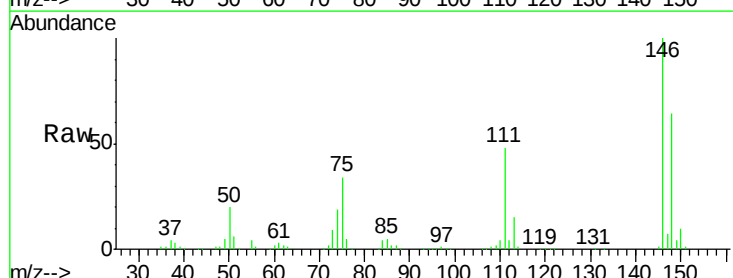
RT: 6.62 min Scan# 397

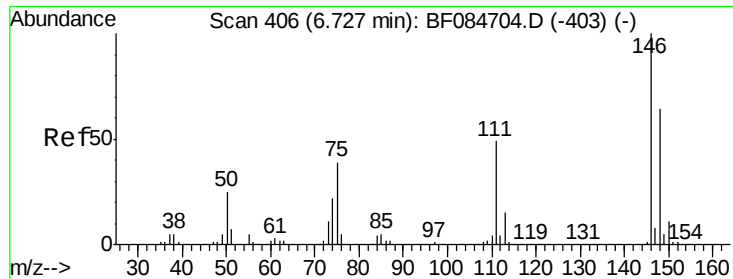
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	146	Resp:	499623
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
75	33.8	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 38.03 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

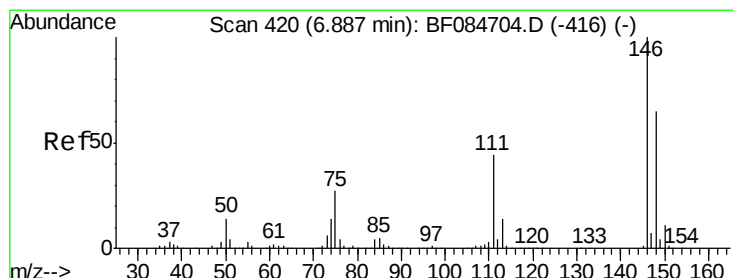
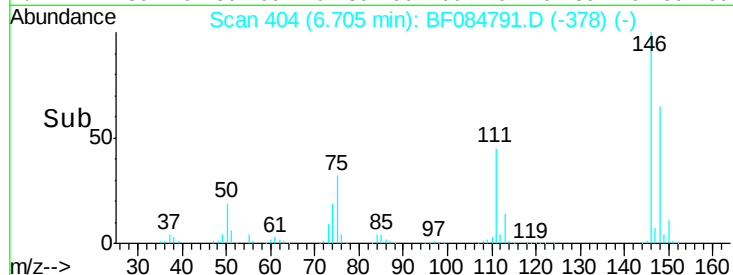
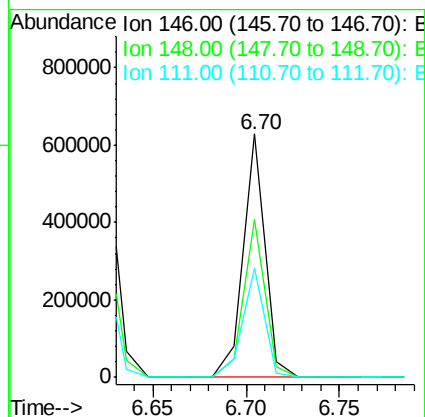
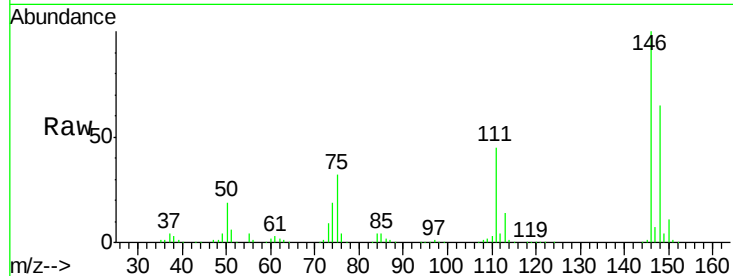
ClientSampleId :

PB88149BS

Tot Ion:	146	Resp:	514185
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
111	45.0	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 34.80 ng

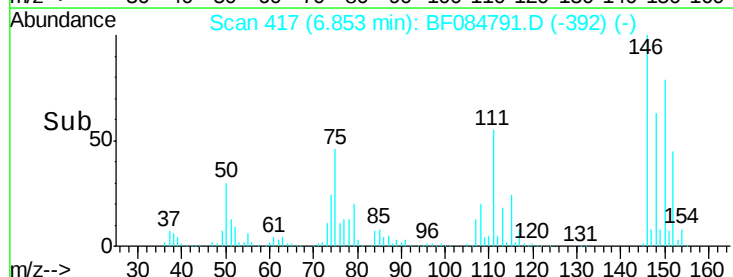
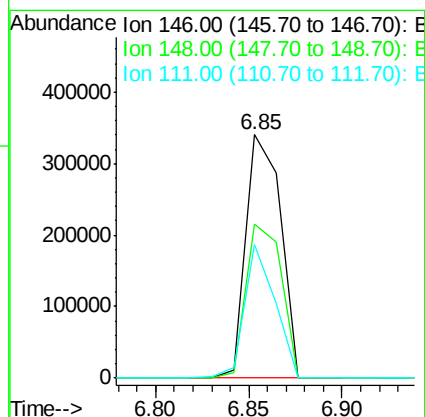
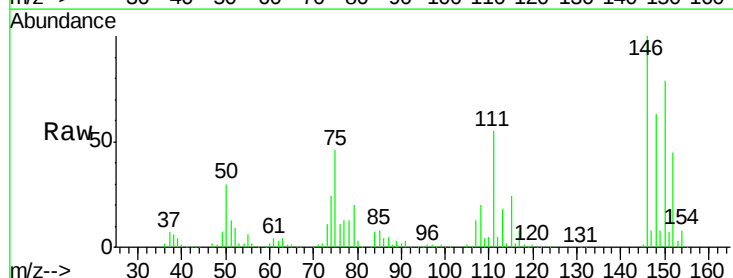
RT: 6.85 min Scan# 417

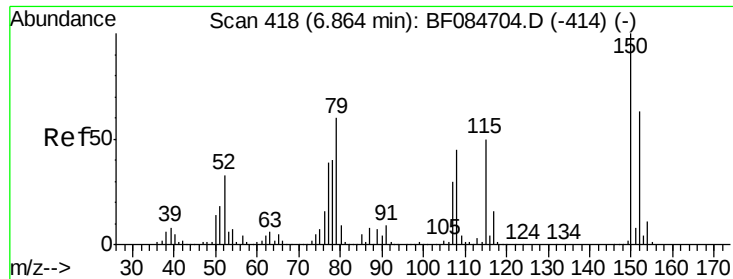
Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	146	Resp:	438232
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.6	77.4
111	55.0	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

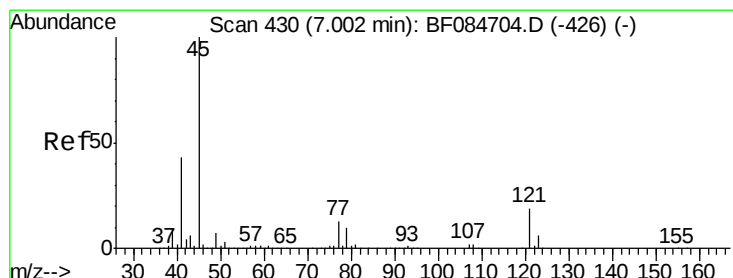
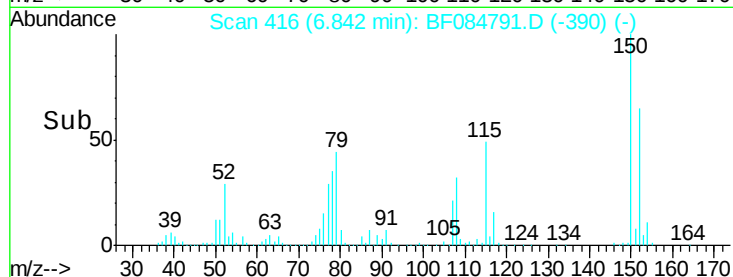
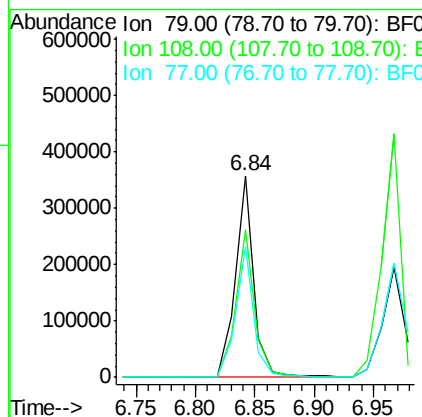
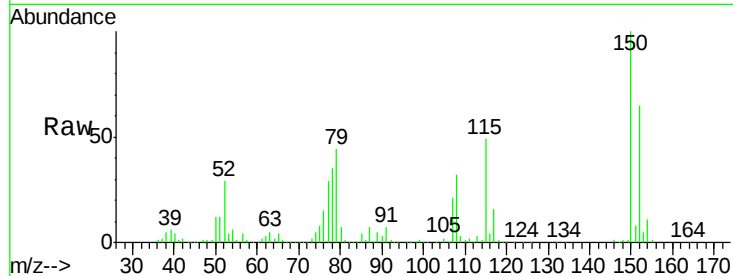
ClientSampleId :

PB88149BS

Tot Ion:	79	Resp:	384418
Ion Ratio	Lower	Upper	
79	100		
108	73.3	69.0	103.4
77	64.9	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.22 ng

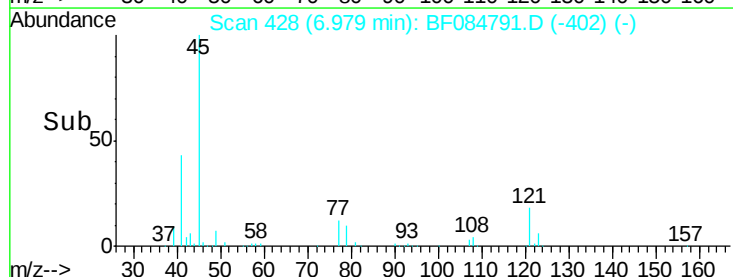
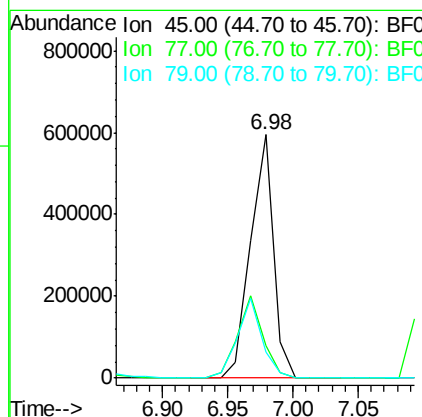
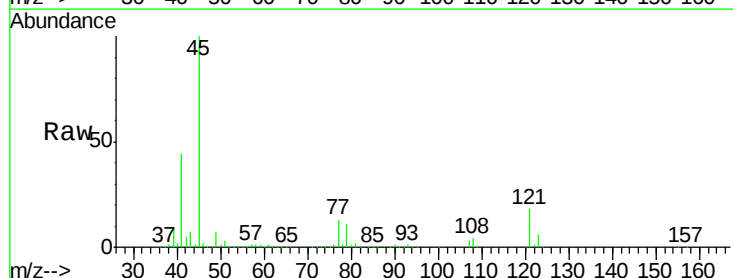
RT: 6.98 min Scan# 428

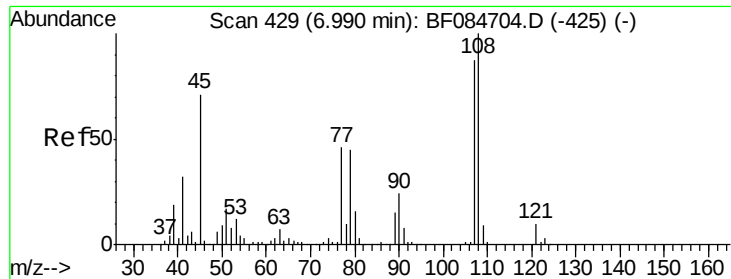
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	45	Resp:	725616
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	39.6
79	10.6	0.0	35.0





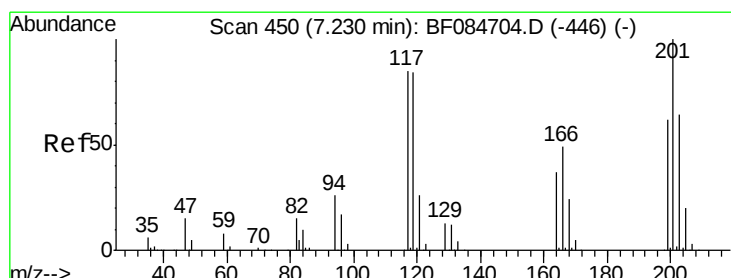
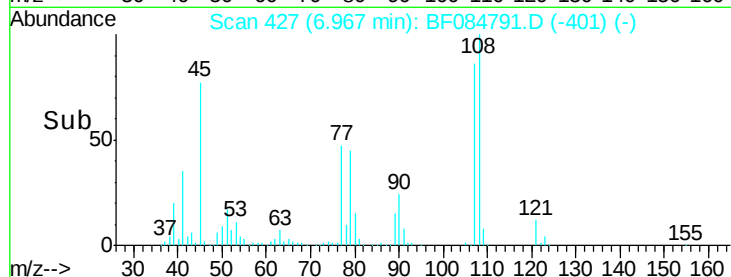
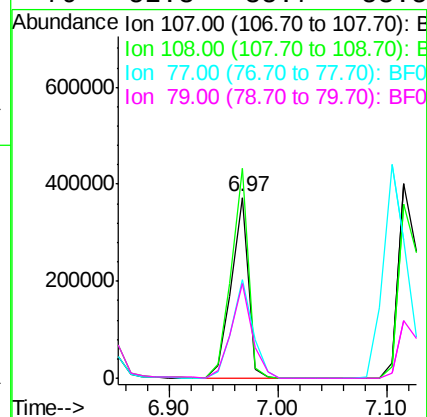
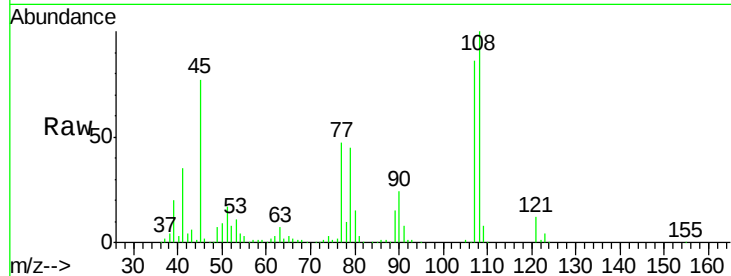
#17
2-Methylphenol
Concen: 40.13 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	89.8	134.6	
77	54.3	35.7	53.5	
79	52.3	35.7	53.5	

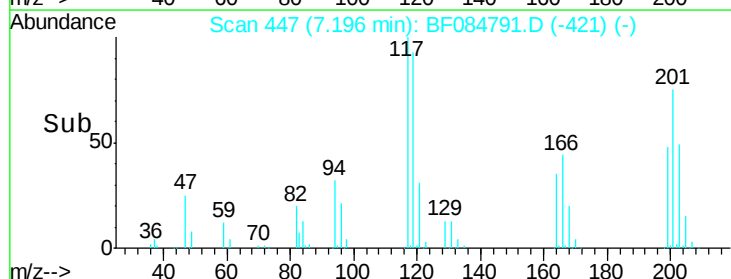
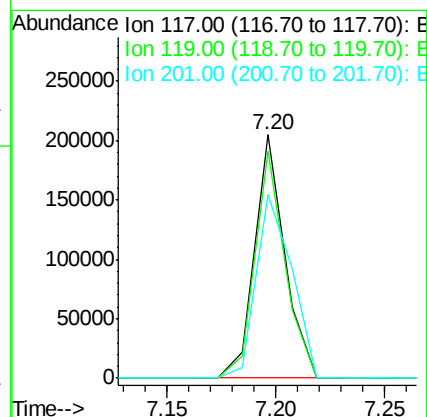
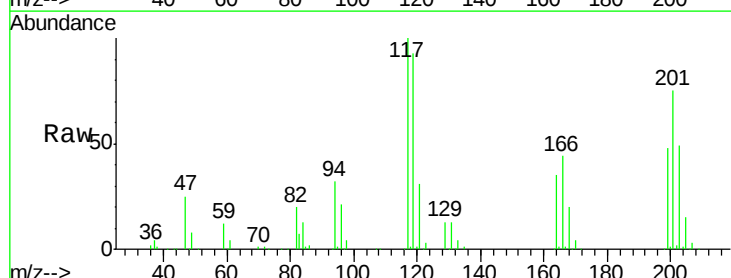
Manual Integrations
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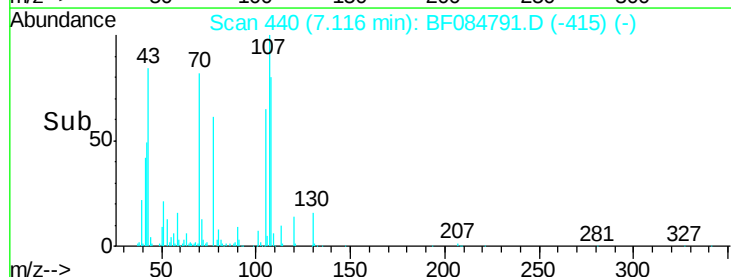
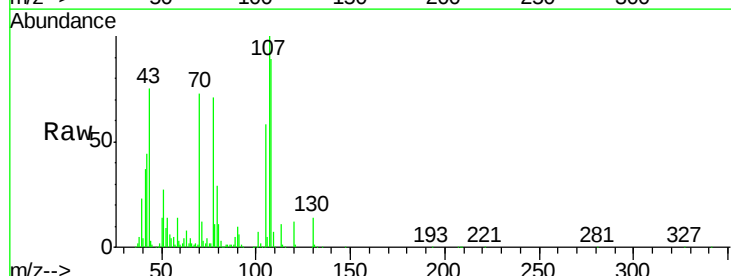
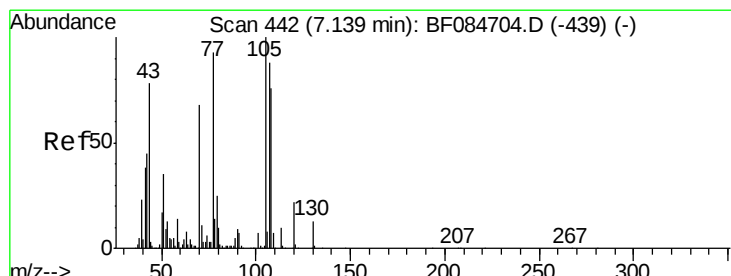
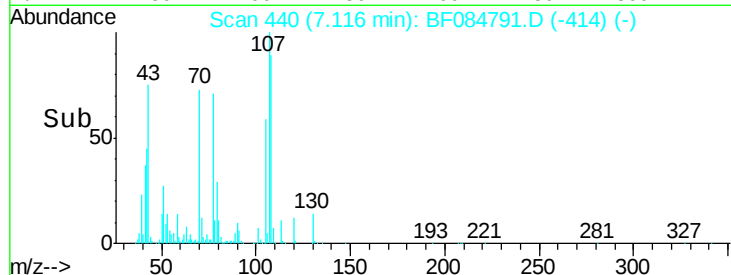
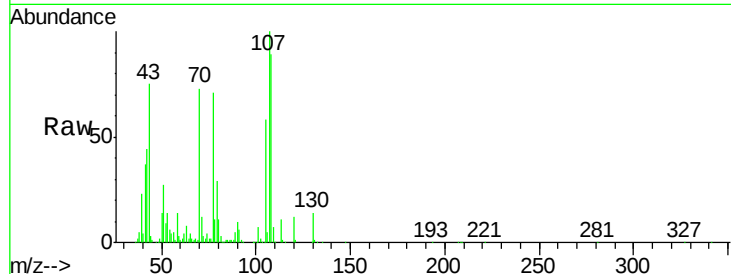
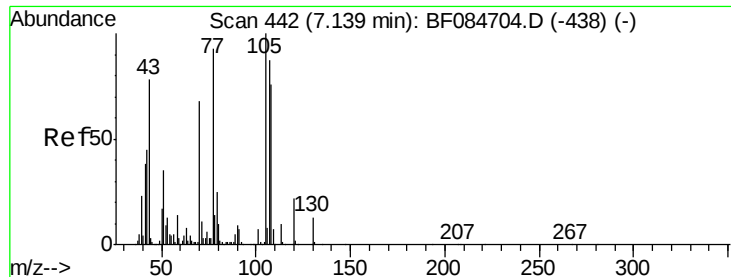
mohammad
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#18
Hexachloroethane
Concen: 37.70 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	77.4	116.0	
201	75.4	68.6	103.0	





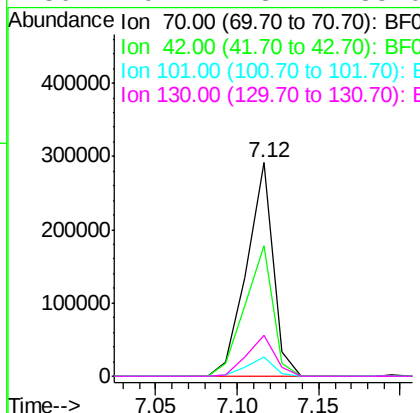
#19
n-Nitroso-di-n-propylamine
Concen: 37.45 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	33.3	49.9#
101	9.2	9.3	13.9#
130	19.4	23.4	35.0#

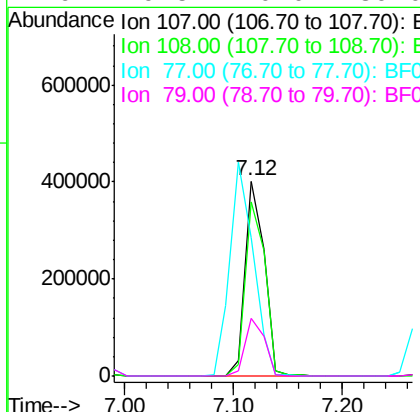
Manual Integrations
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#20
3+4-Methylphenols
Concen: 38.59 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	74.6	114.6
77	70.7	0.7	40.7#
79	29.5	0.0	39.0





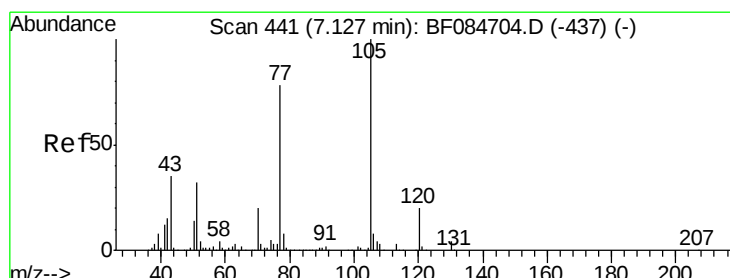
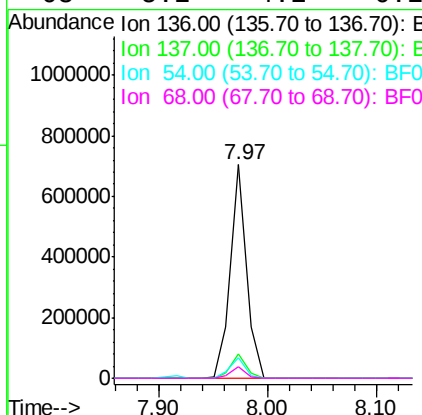
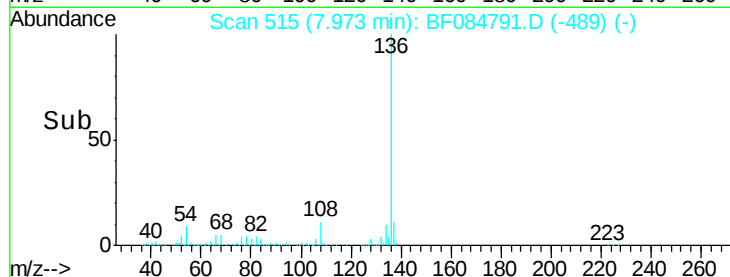
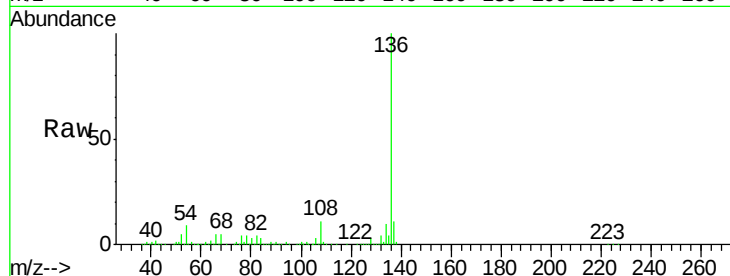
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		8.7	13.1	
54	9.3		5.8	8.8	
68	5.2		4.2	6.2	

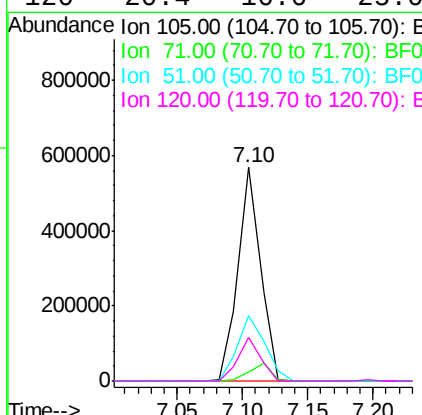
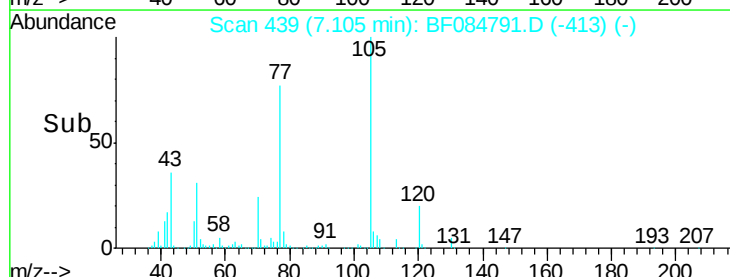
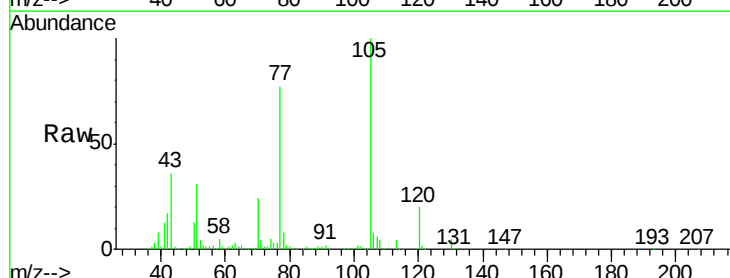
Manual Integrations
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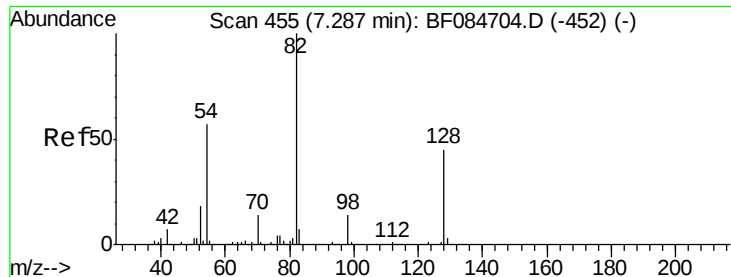
mohammad
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#22
Acetophenone
Concen: 36.01 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.1		3.7	5.5	
51	30.7		25.1	37.7	
120	20.4		16.6	25.0	





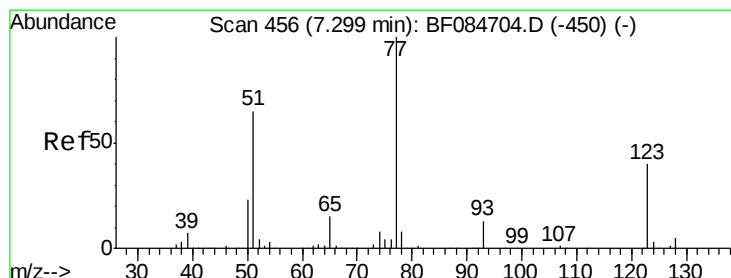
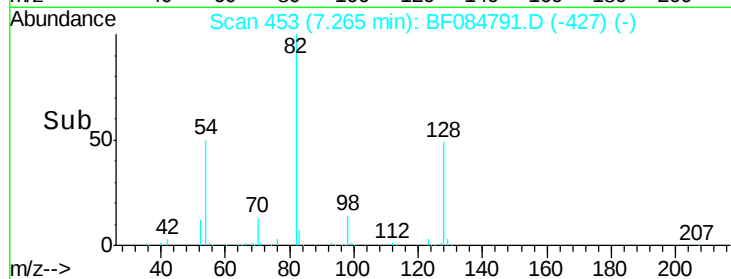
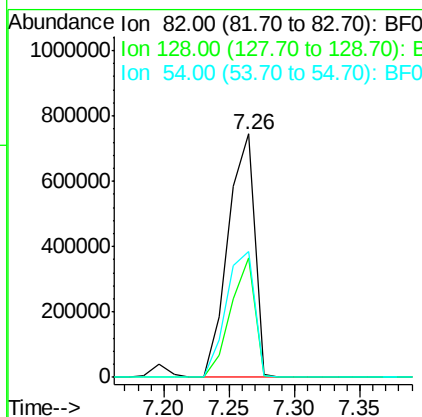
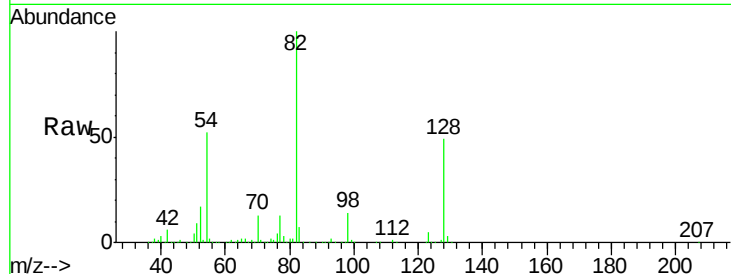
#23
 Nitrobenzene-d5
 Concen: 81.99 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleID :
 PB88149BS

Tot Ion	82	Resp	1047625
Ion Ratio	100	Lower	Upper
82	100		
128	49.0	34.6	51.8
54	51.9	38.4	57.6

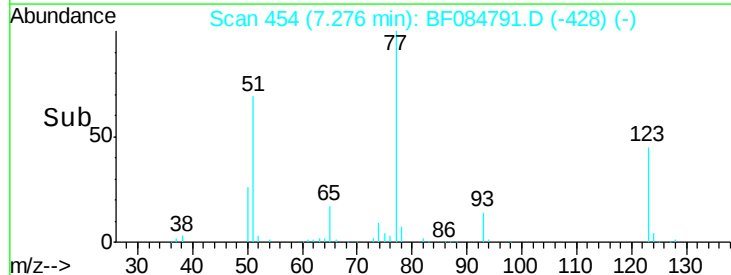
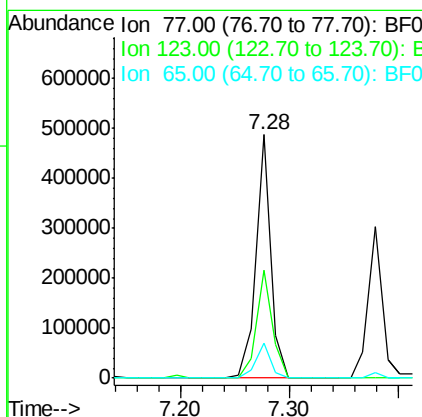
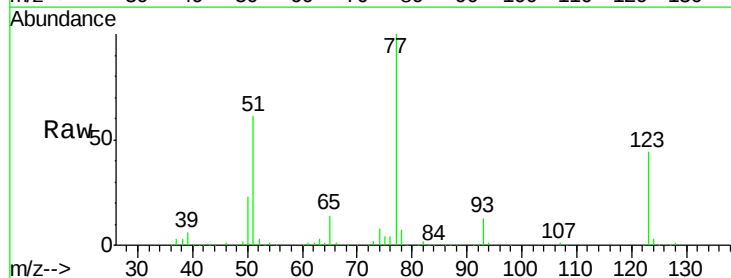
Manual Integrations
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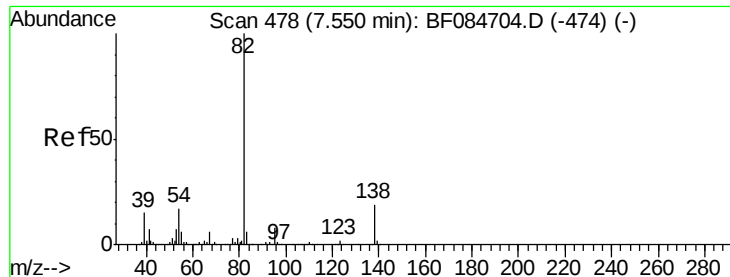
mohammad
 2/4/2016 2:04:33 PM



#24
 Nitrobenzene
 Concen: 34.25 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	77	Resp	468586
Ion Ratio	100	Lower	Upper
77	100		
123	44.1	37.4	56.2
65	14.5	10.9	16.3





#25

Isophorone

Concen: 37.33 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

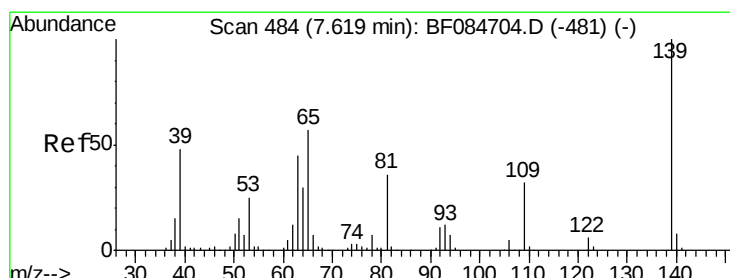
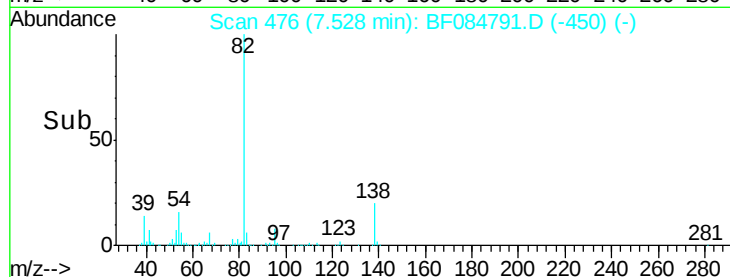
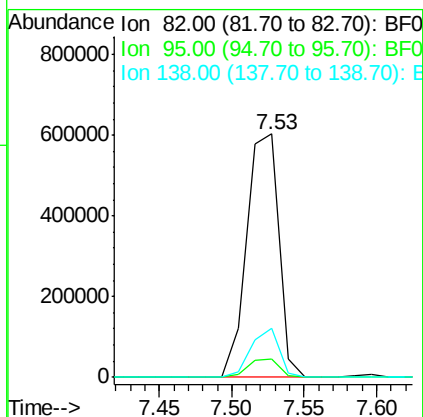
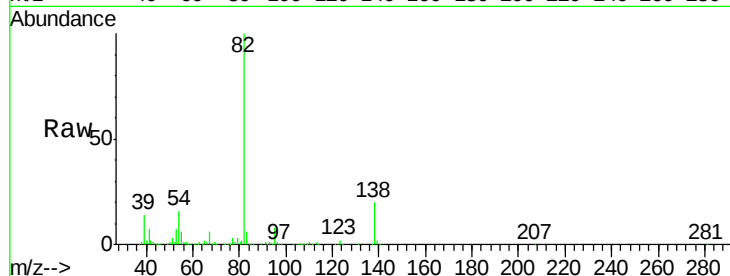
ClientSampleId :

PB88149BS

Tot Ion:	82	Resp:	927571
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.6	10.0
138	20.1	13.6	20.4

Manual Integrations
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2/4/2016 2:04:33 PM



#26

2-Nitrophenol

Concen: 40.65 ng

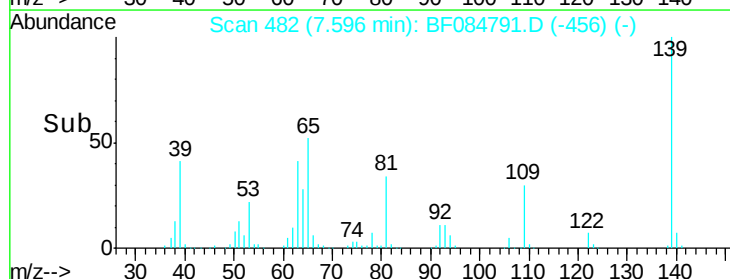
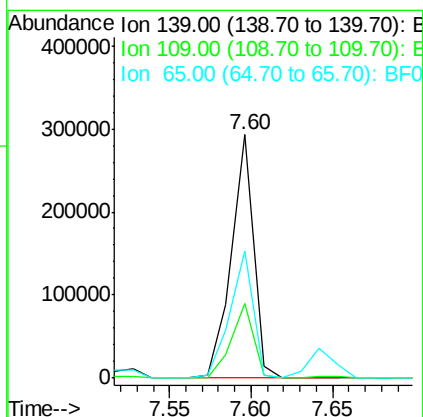
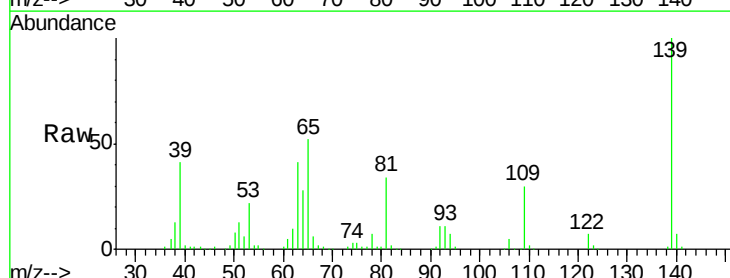
RT: 7.60 min Scan# 482

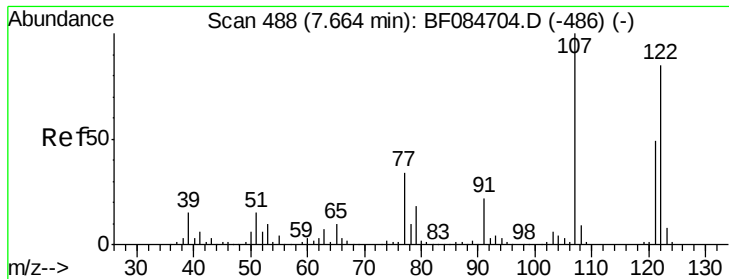
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	139	Resp:	274324
Ion Ratio	Lower	Upper	
139	100		
109	30.4	25.4	38.2
65	52.2	32.3	48.5#





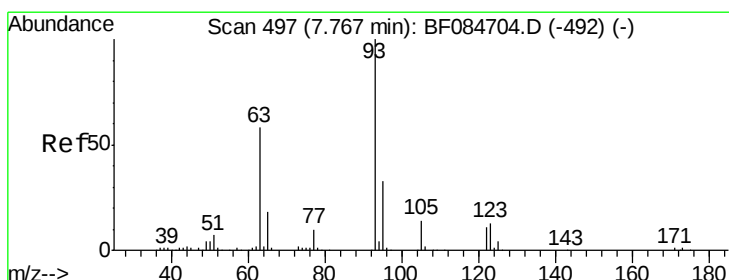
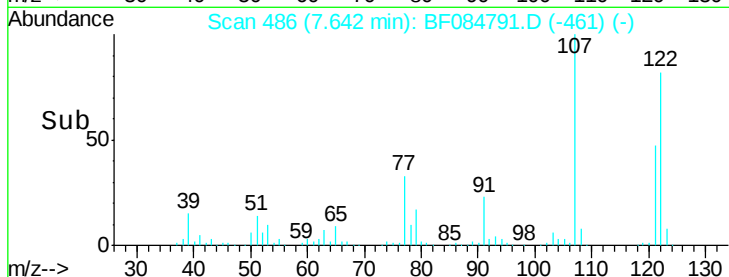
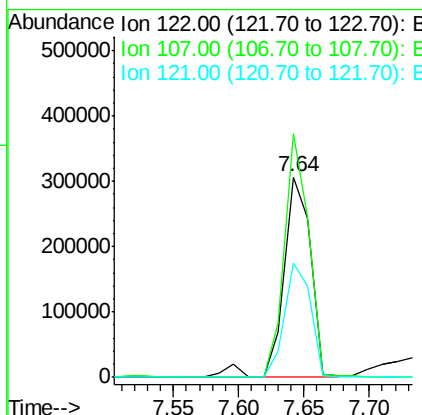
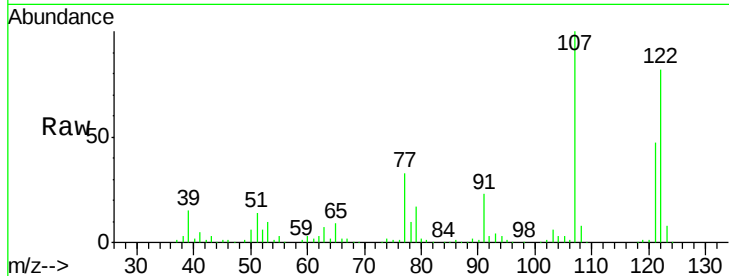
#27
 2,4-Dimethylphenol
 Concen: 38.11 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	447288		
107	121.6	99.1	148.7	
121	57.1	47.9	71.9	

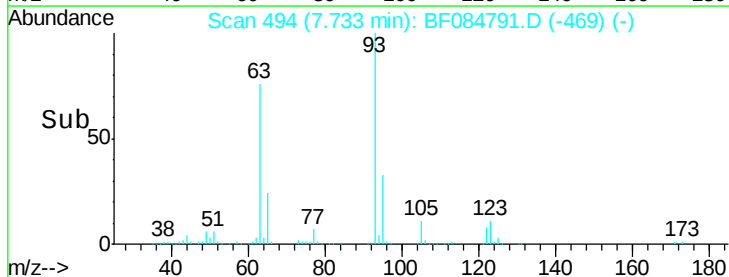
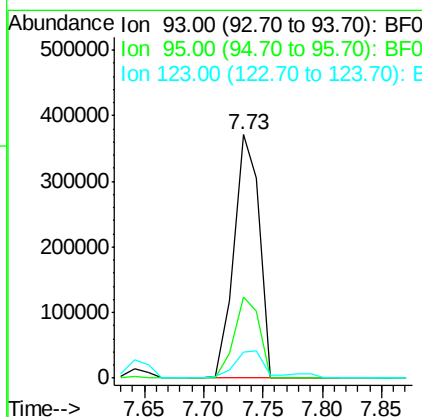
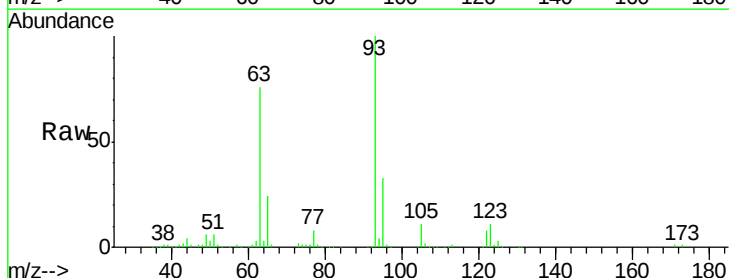
Manual Integrations
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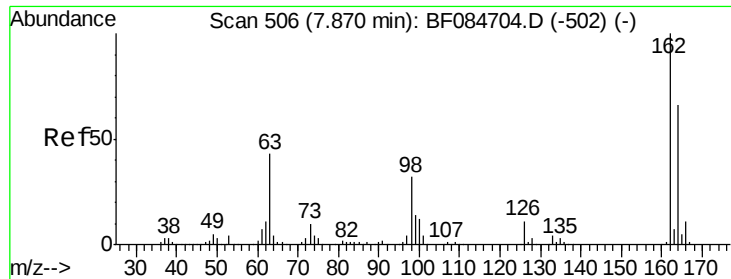
mohammad
 2/4/2016 2:04:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.24 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	548874		
95	33.5	25.8	38.6	
123	10.7	8.6	12.8	





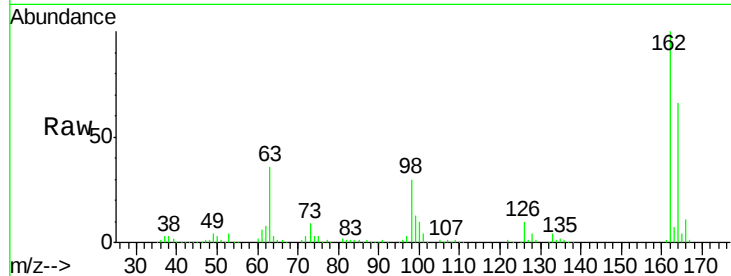
#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	405472		
164	65.9	44.1	84.1	
98	29.7	20.2	60.2	

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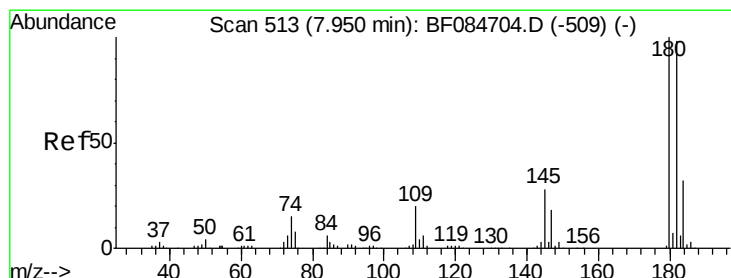
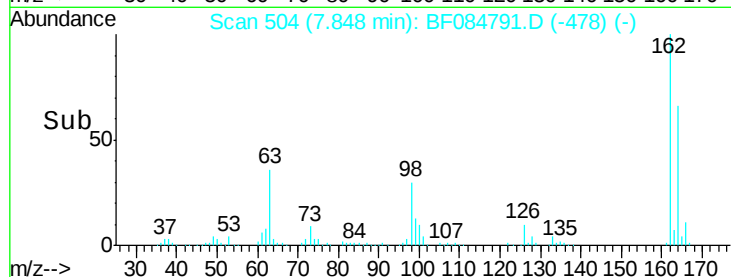
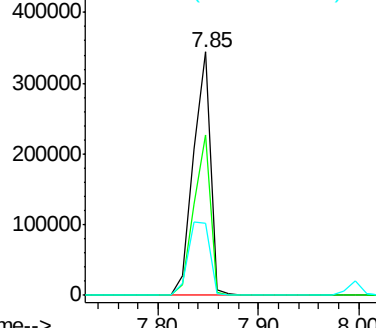


Abundance

Ion 162.00 (161.70 to 162.70): E

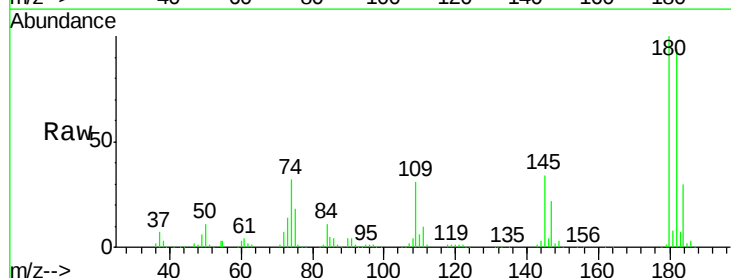
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.81 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	406238		
182	94.2	76.4	114.6	
145	33.8	31.6	47.4	

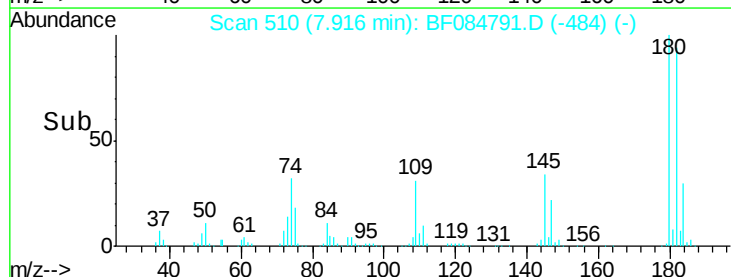
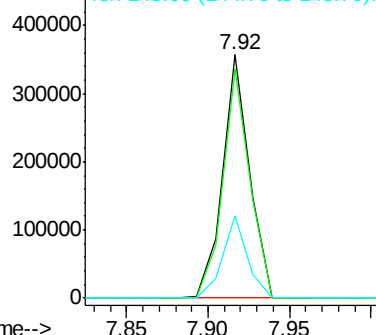


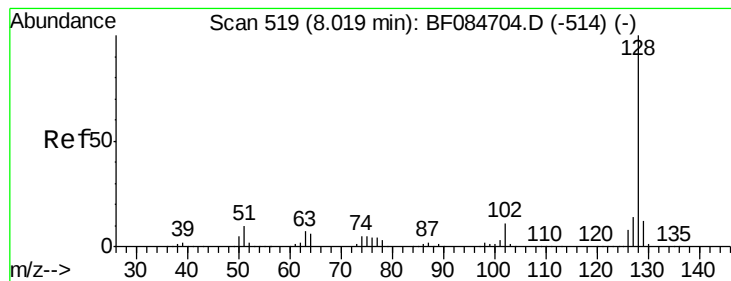
Abundance

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: 36.79 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

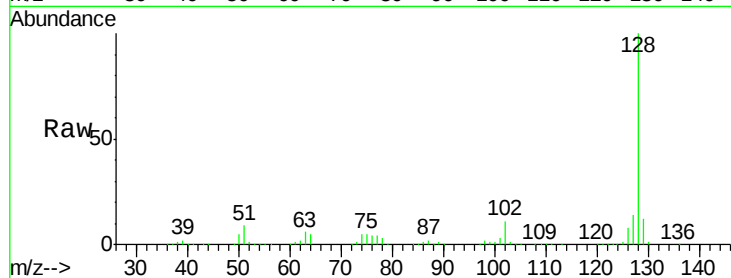
ClientSampleId :

PB88149BS

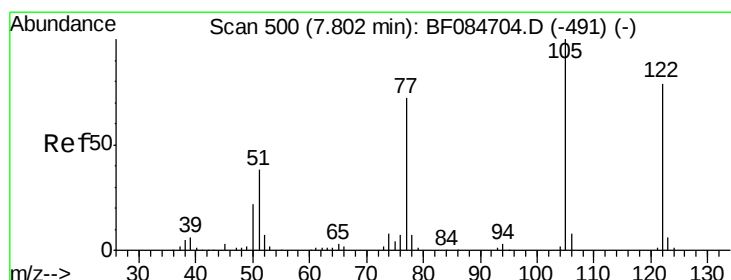
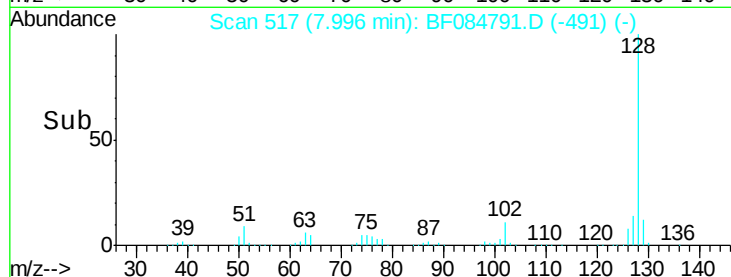
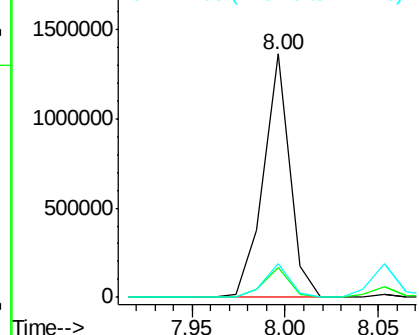
Tot Ion:	128	Resp:	1328384
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.7	11.1	16.7

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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: 37.65 ng

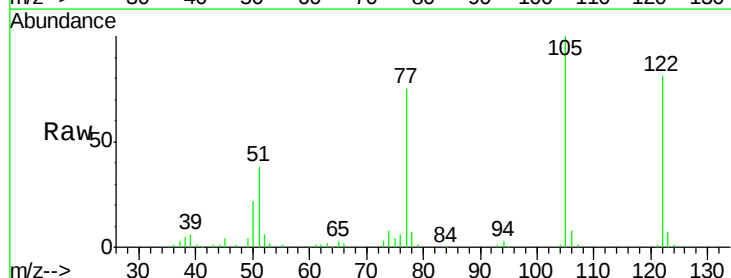
RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

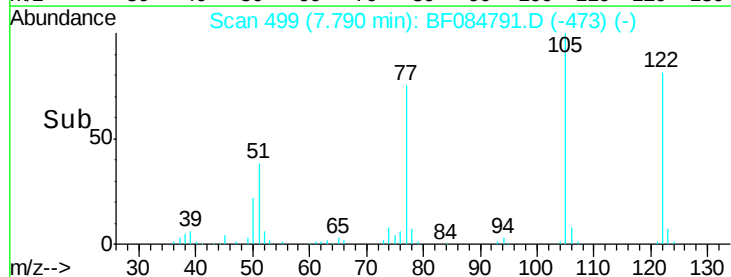
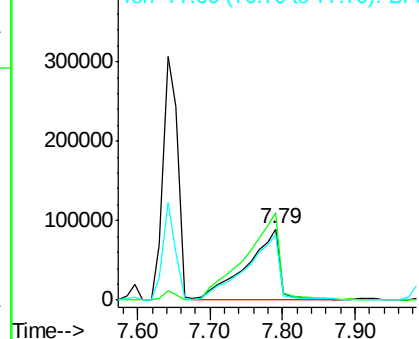
Lab File: BF084791.D

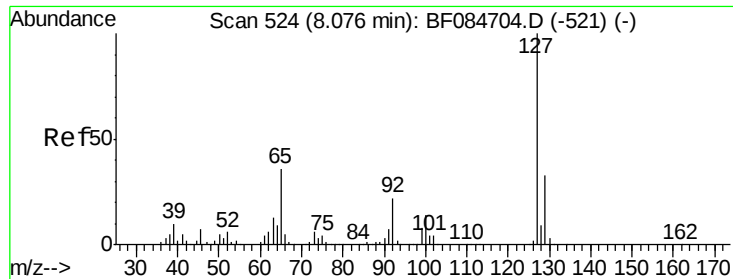
Acq: 3 Feb 2016 18:17

Tgt Ion:	122	Resp:	282634
Ion	Ratio	Lower	Upper
122	100		
105	122.7	100.3	140.3
77	92.3	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





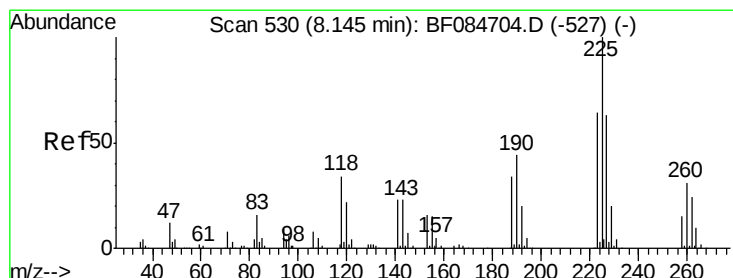
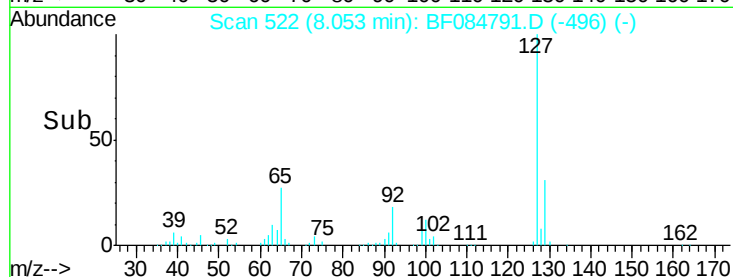
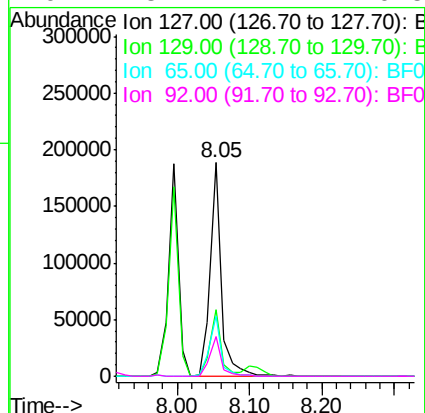
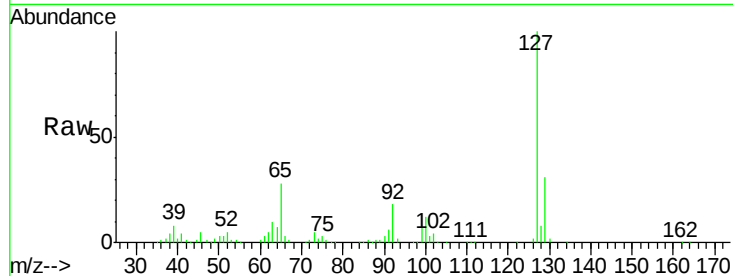
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.5	39.7
65	28.3	27.2	40.8
92	18.4	17.7	26.5

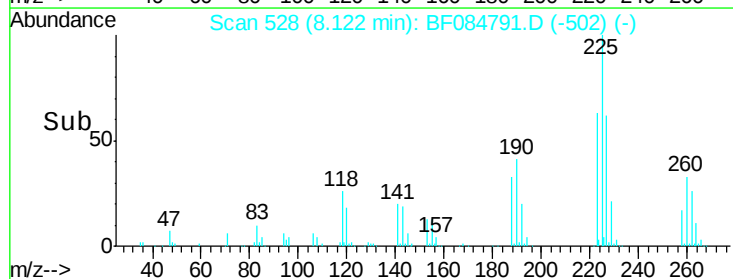
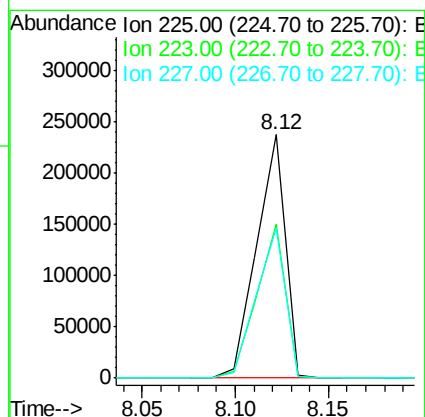
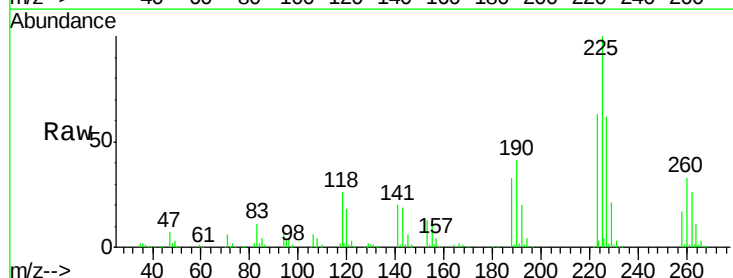
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 38.45 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	61.9	50.8	76.2





#35

Caprolactam

Concen: 41.60 ng/ml

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tot Ion:113 Resp: 128779

Ion Ratio Lower Upper

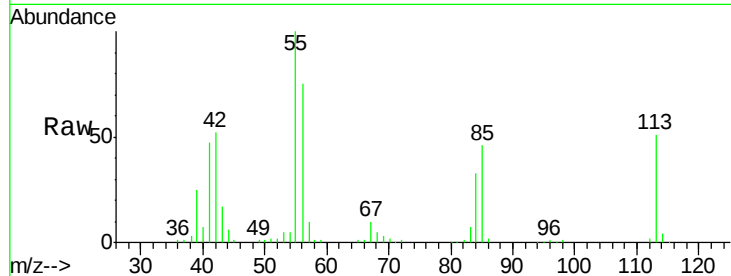
113 100

55 198.0 116.9 156.9#

56 148.3 93.8 133.8#

Manual Integrations
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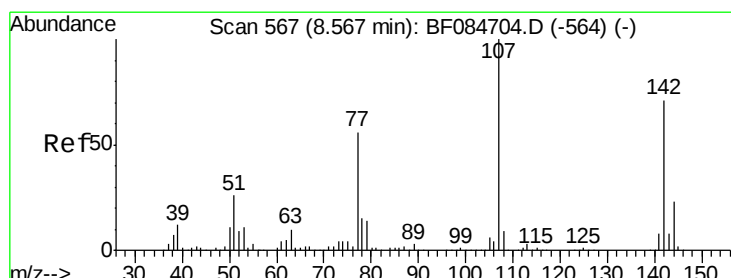
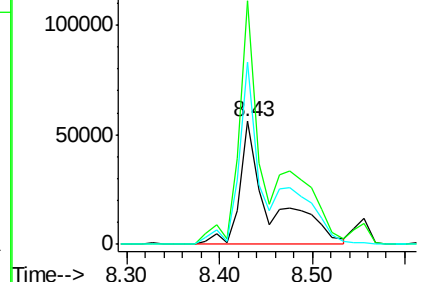
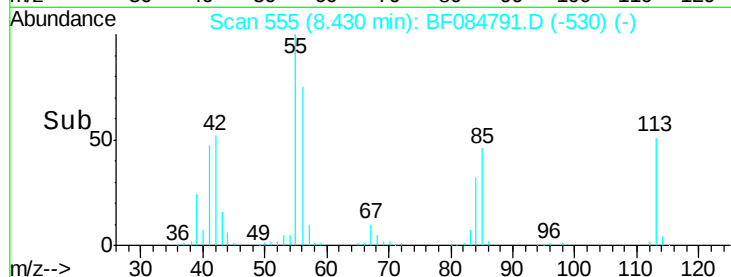
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.21 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

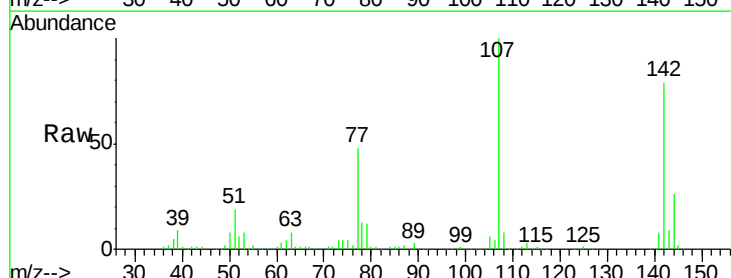
Tgt Ion:107 Resp: 472094

Ion Ratio Lower Upper

107 100

144 25.5 19.7 29.5

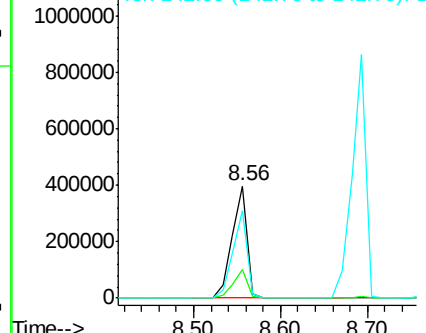
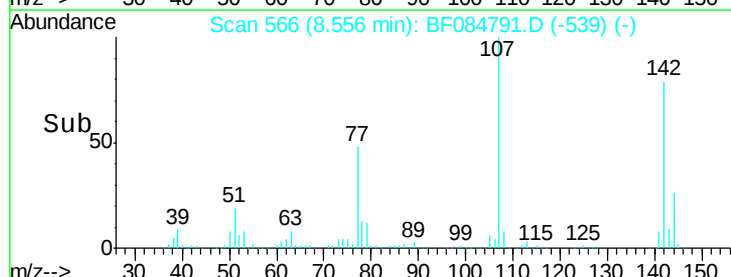
142 78.6 61.8 92.6

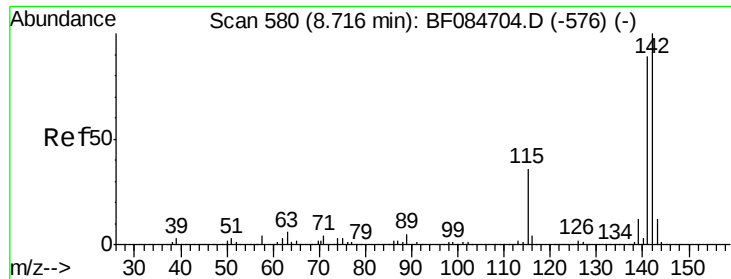


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





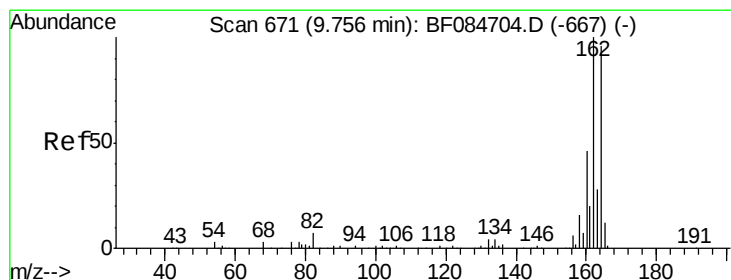
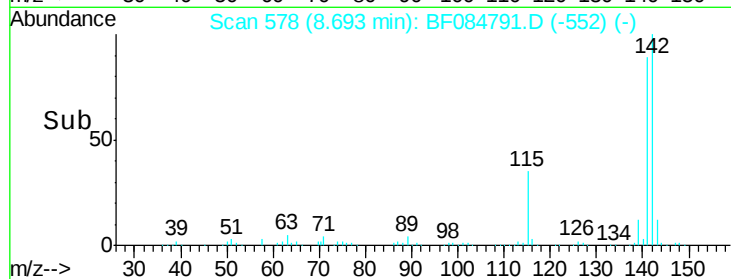
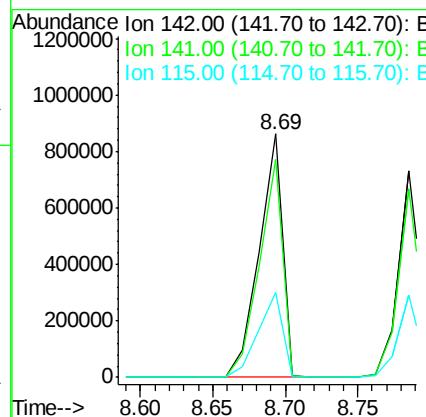
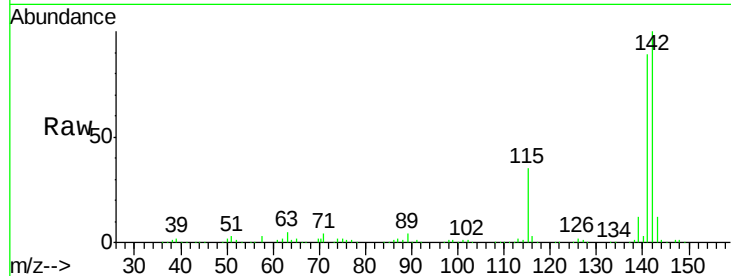
#37
2-Methylnaphthalene
Concen: 42.81 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	35.1	27.9	41.9

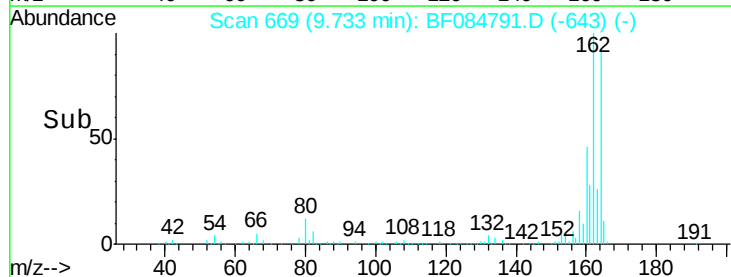
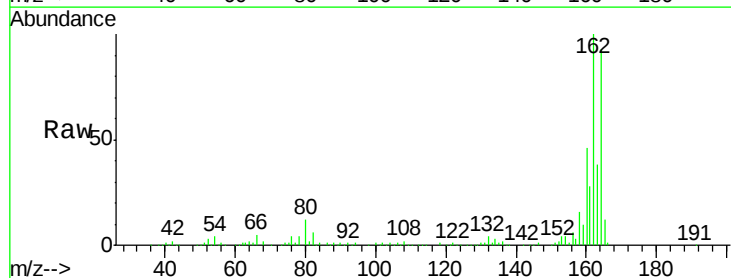
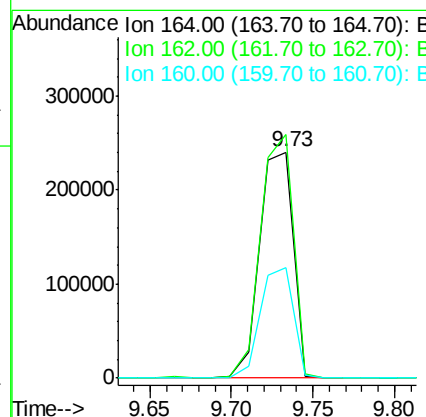
Manual Integrations
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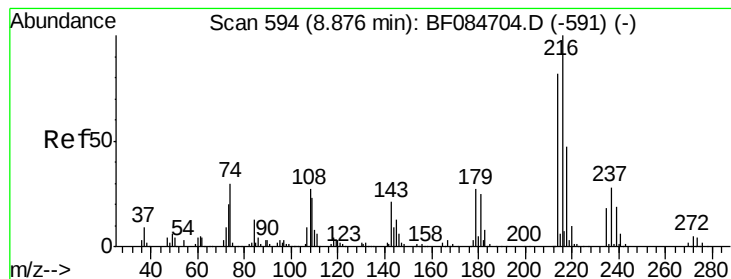
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	49.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.48 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

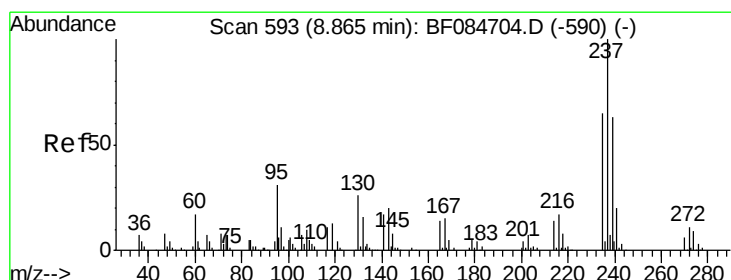
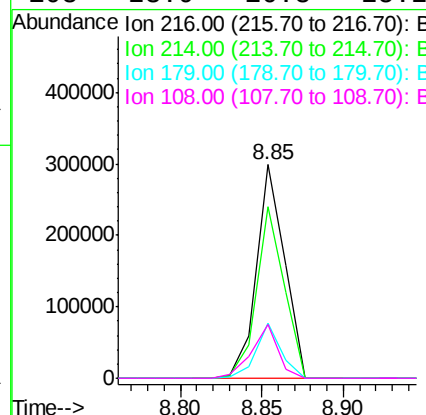
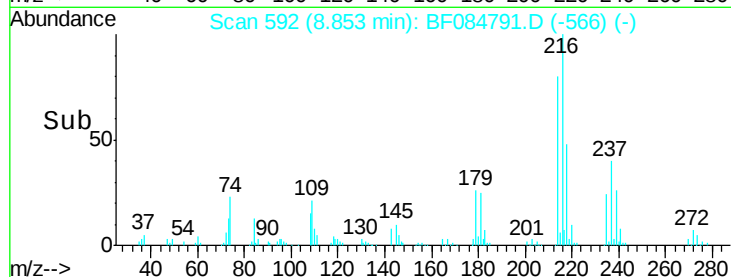
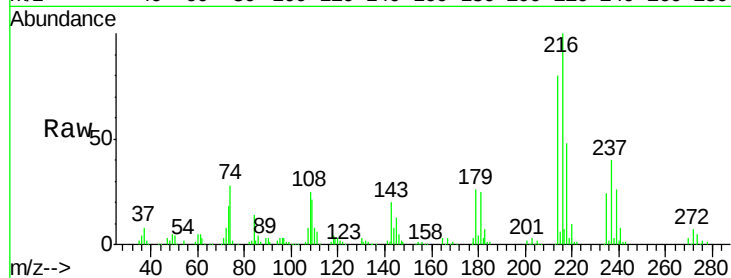
ClientSampleId :

PB88149BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		355942		
214	78.9		64.2	96.2	
179	23.3		18.7	28.1	
108	23.9		16.8	25.2	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 76.19 ng

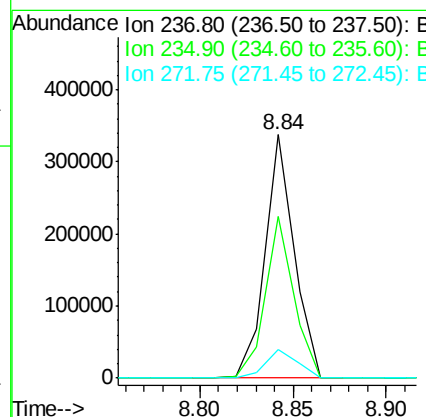
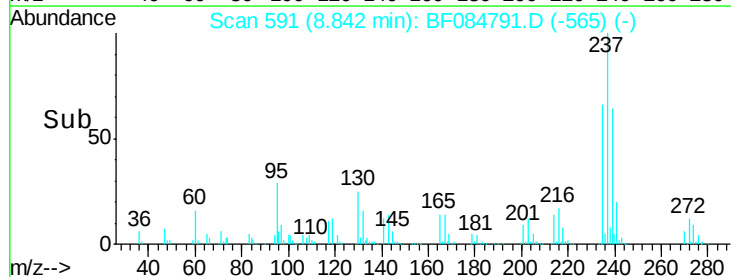
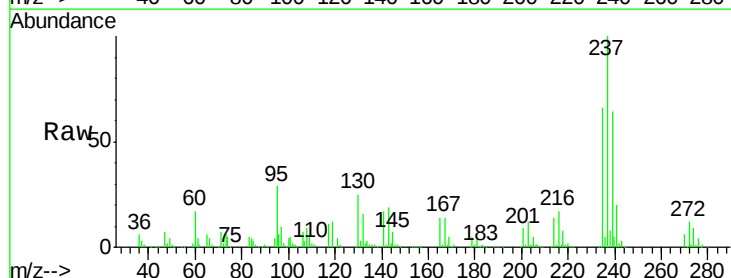
RT: 8.84 min Scan# 591

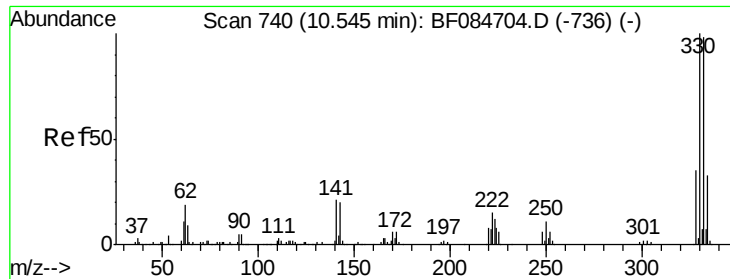
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		361412		
235	66.2		43.1	83.1	
272	11.7		0.0	35.1	





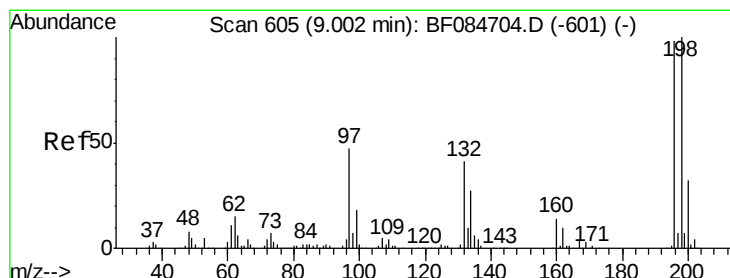
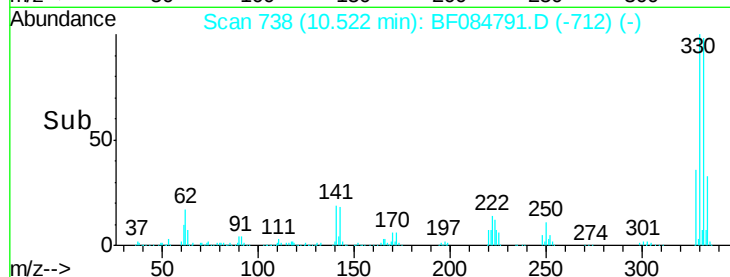
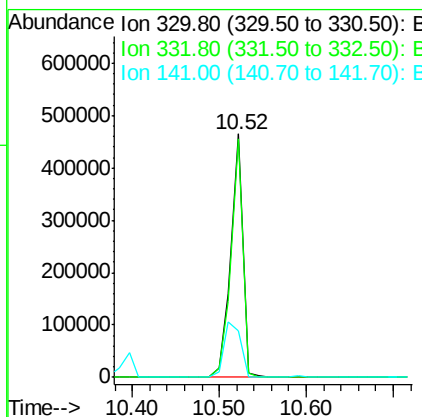
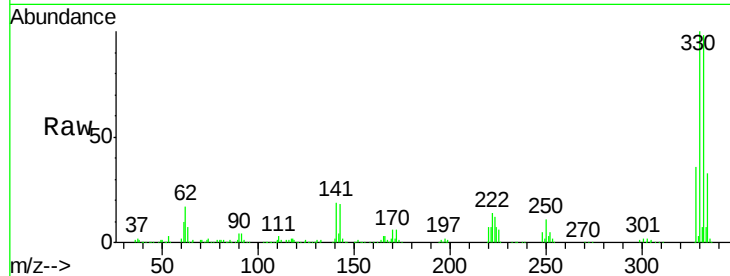
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	451362		
332	96.1	76.6	114.8	
141	32.0	27.8	41.6	

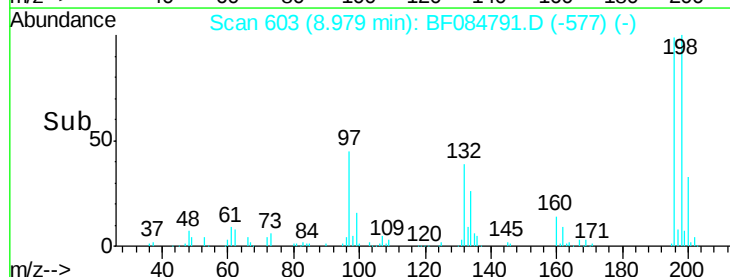
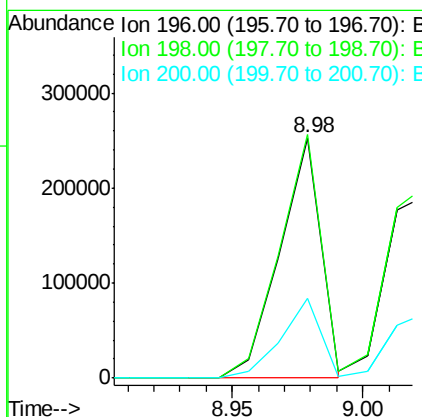
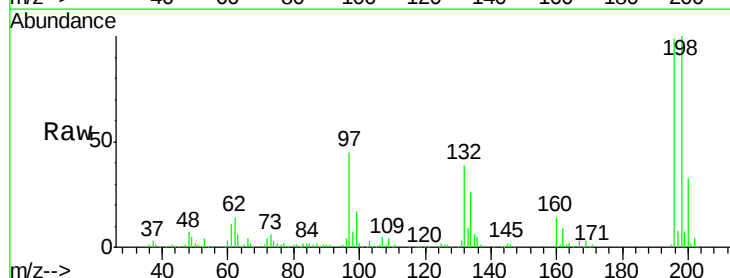
Manual Integrations
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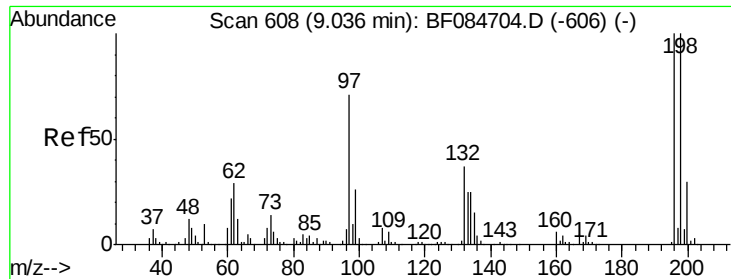
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 39.24 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

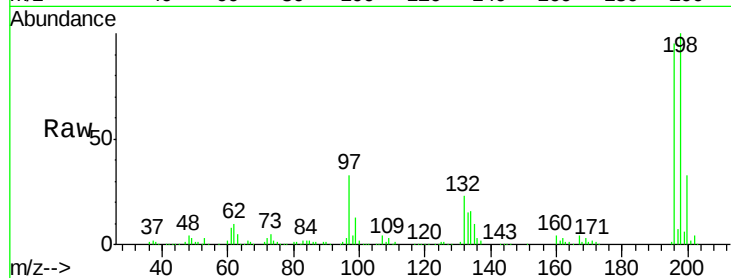
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	277020		
198	101.3	77.7	116.5	
200	33.3	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 38.58 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

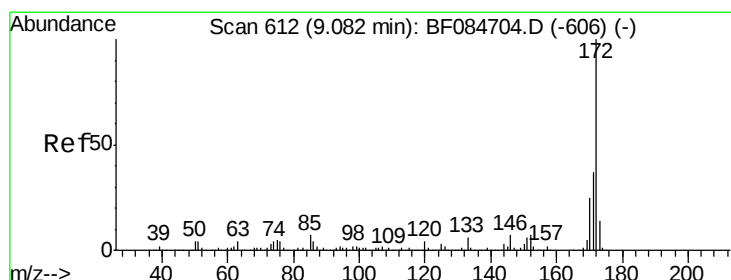
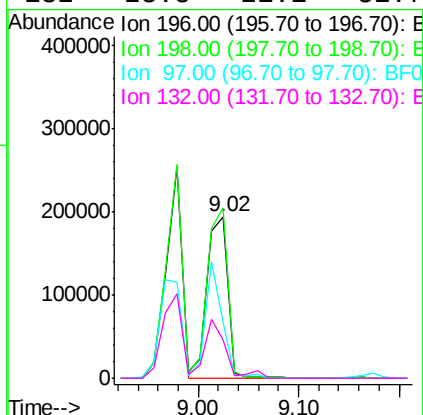
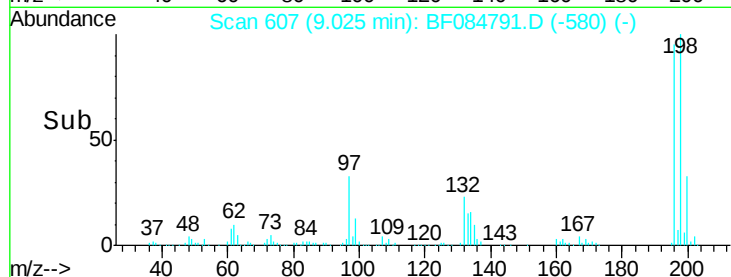
Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	105.2	79.0	118.6		
97	34.7	33.0	49.6		
132	23.8	21.1	31.7		

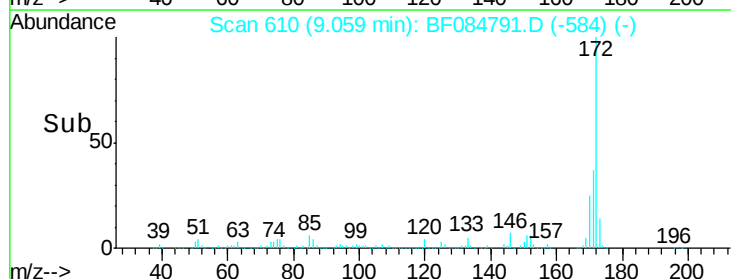
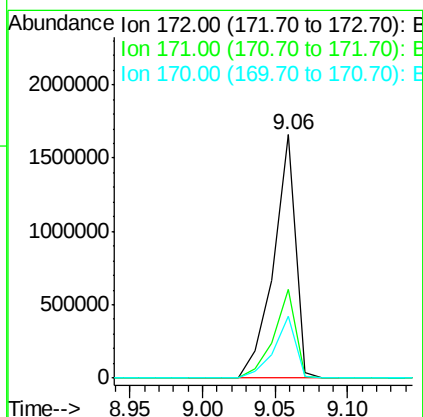
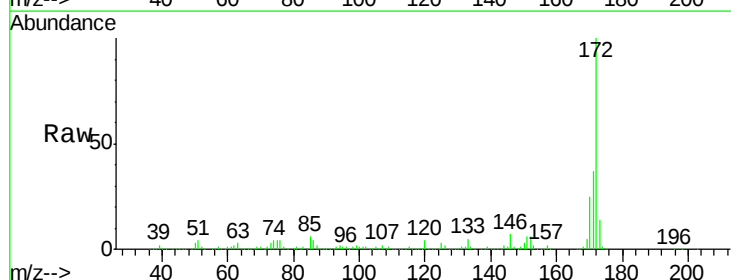
Manual Integrations
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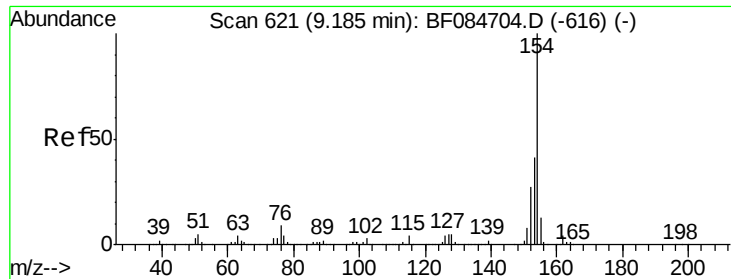
mohammad
 2/4/2016 2:04:33 PM



#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.7	28.9	43.3		
170	25.2	18.6	27.8		





#45

1,1'-Biphenyl

Concen: 34.14 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tot Ion:154 Resp: 1052124

Ion Ratio Lower Upper

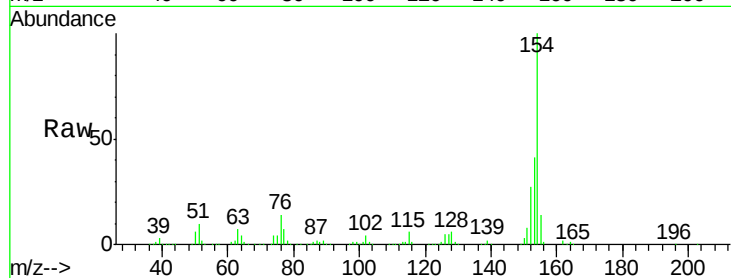
154 100

153 40.7 21.6 61.6

76 14.1 0.0 32.7

Manual Integrations
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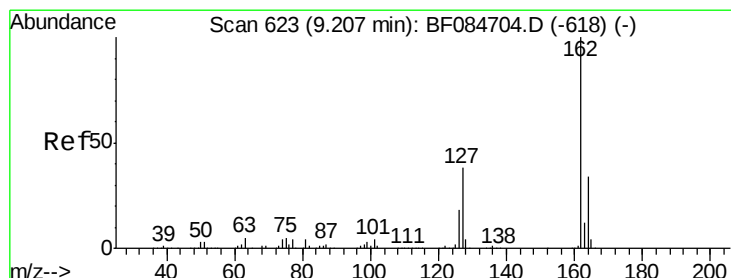
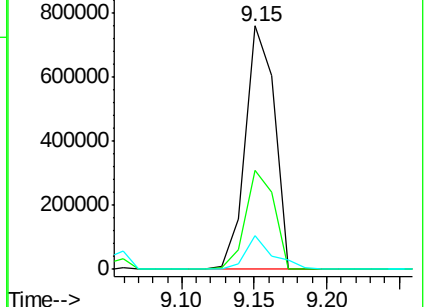
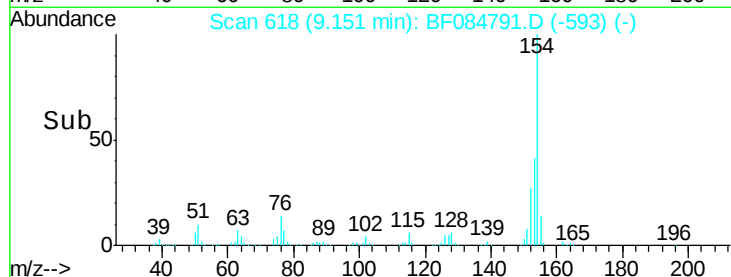
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.44 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

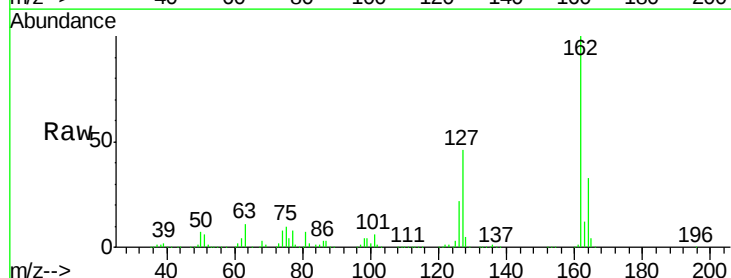
Tgt Ion:162 Resp: 804294

Ion Ratio Lower Upper

162 100

127 45.5 40.2 60.4

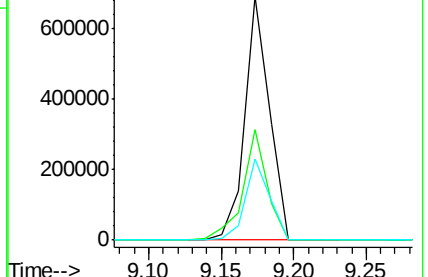
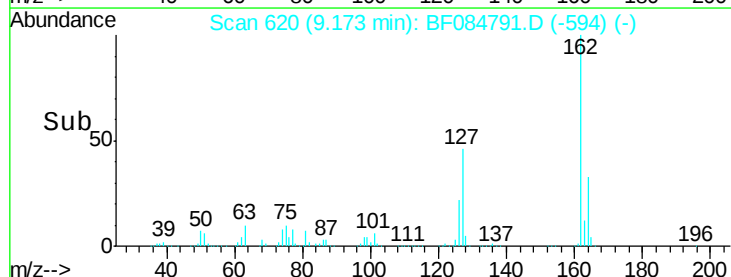
164 33.1 25.7 38.5

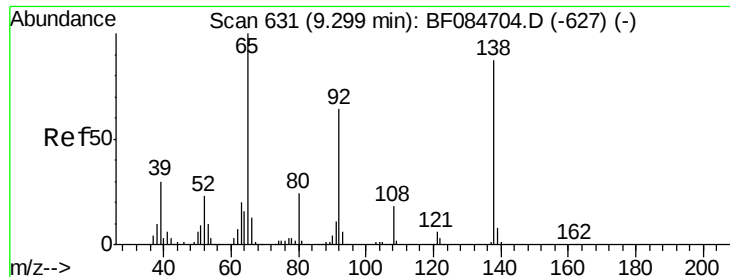


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





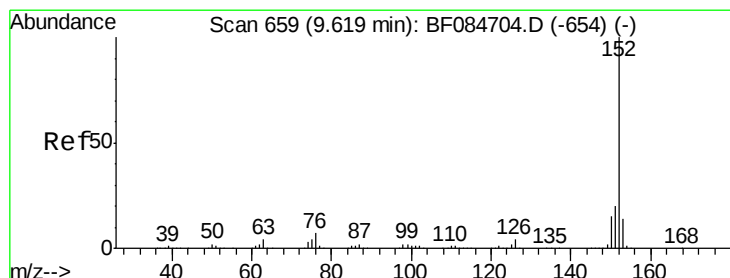
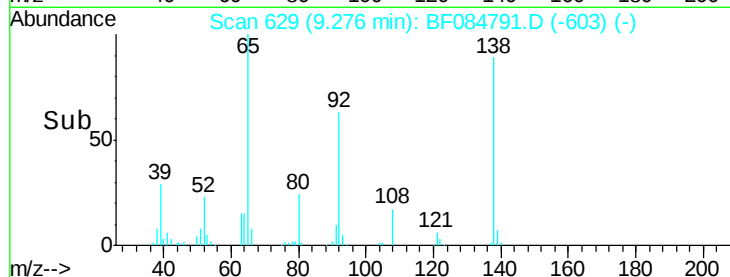
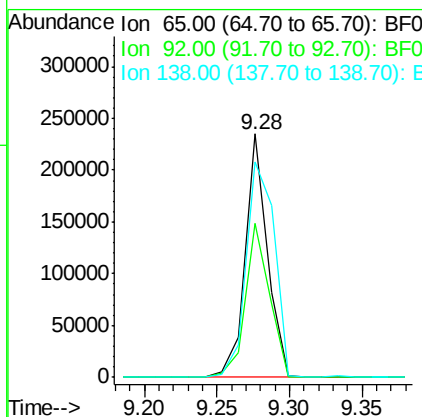
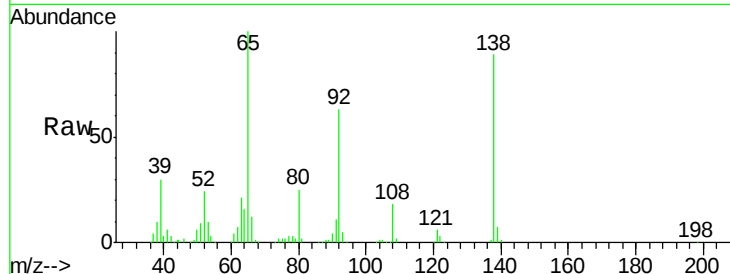
#47
 2-Nitroaniline
 Concen: 34.79 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.4	80.2
138	88.5	71.1	106.7

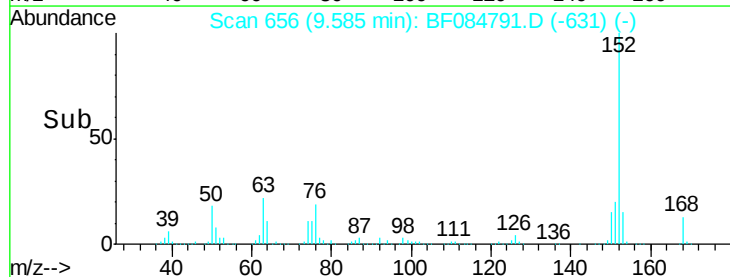
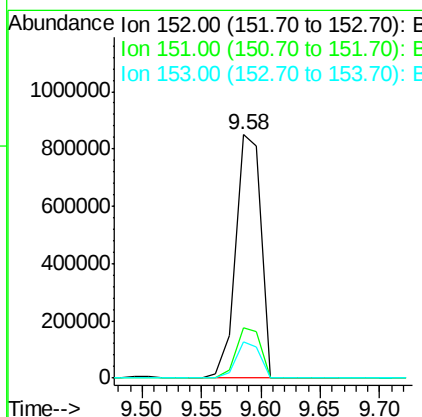
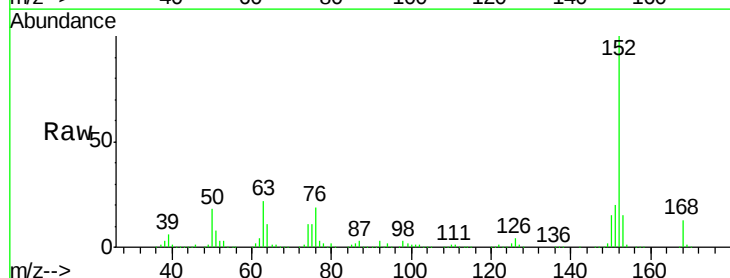
Manual Integrations
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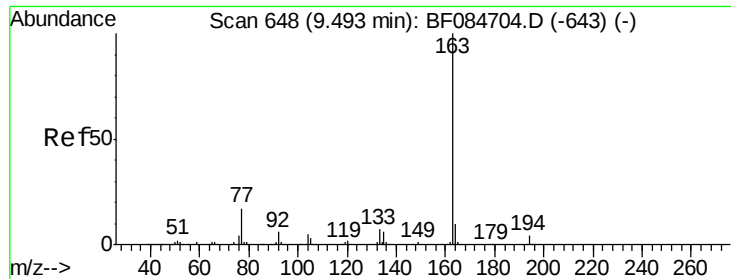
mohammad
 2/4/2016 2:04:33 PM



#48
 Acenaphthylene
 Concen: 36.36 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.9	10.4	15.6





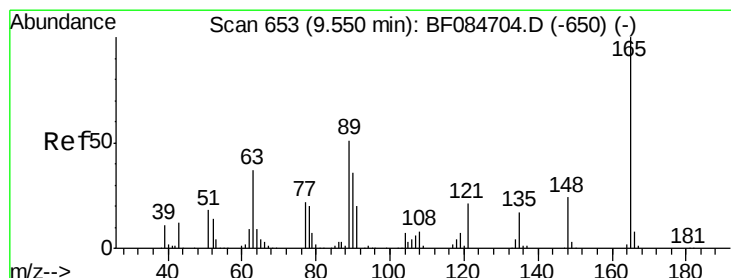
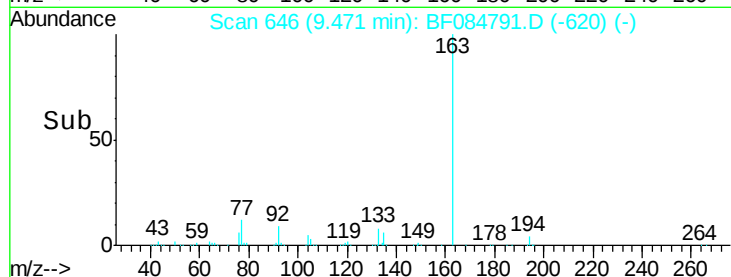
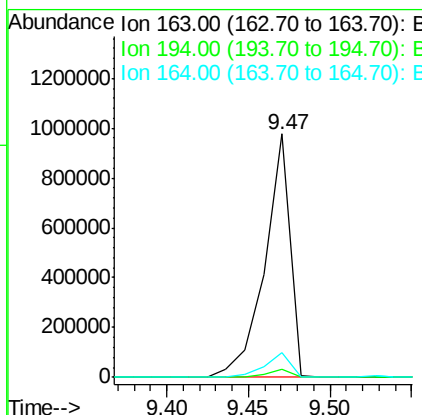
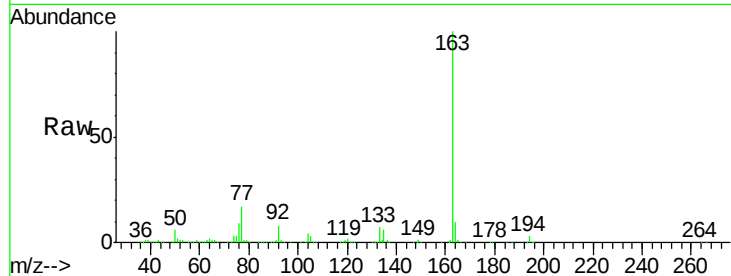
#49
Dimethylphthalate
Concen: 40.12 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.3	8.0	12.0

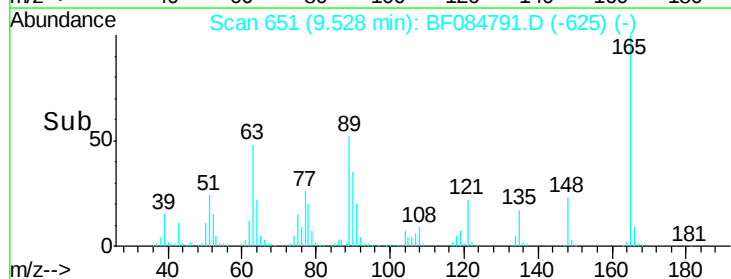
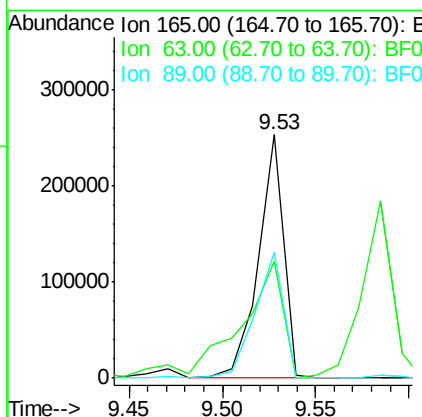
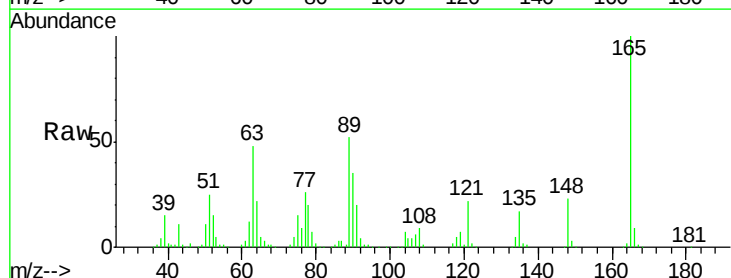
Manual Integrations
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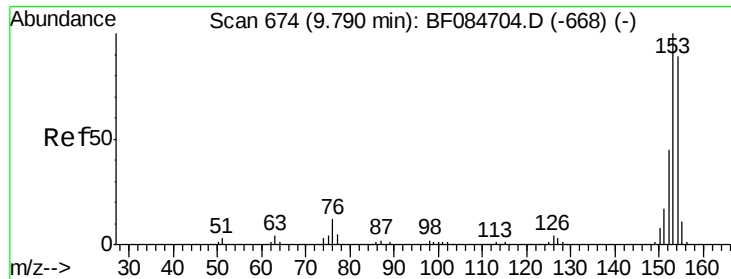
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.94 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	28.8	43.2#
89	51.8	35.1	52.7





#51

Acenaphthene

Concen: 35.59 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

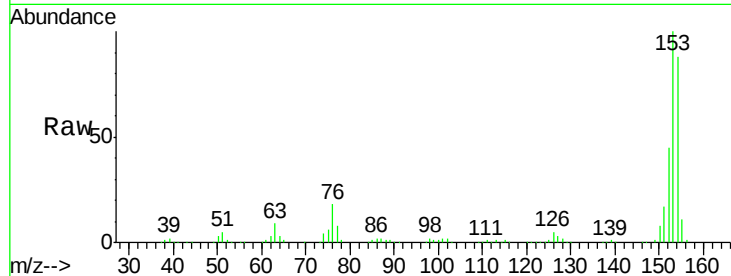
ClientSampleId :

PB88149BS

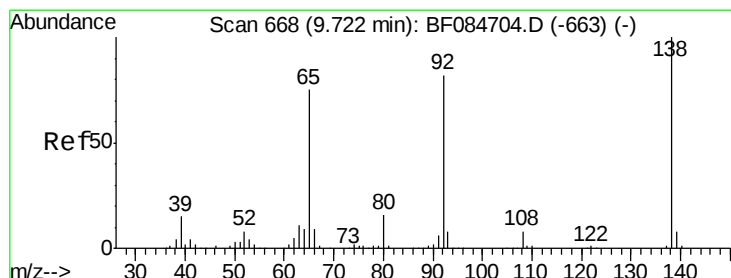
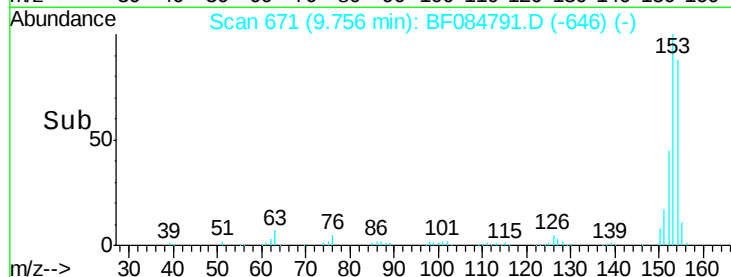
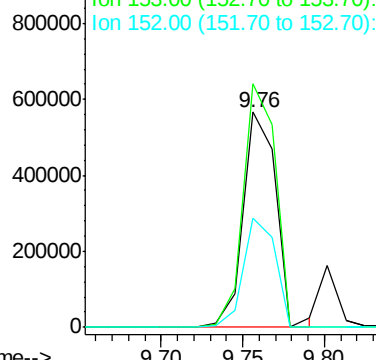
Tot Ion:	154	Resp:	797409
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.5	137.3
152	50.9	43.0	64.6

Manual Integrations
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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: 18.98 ng

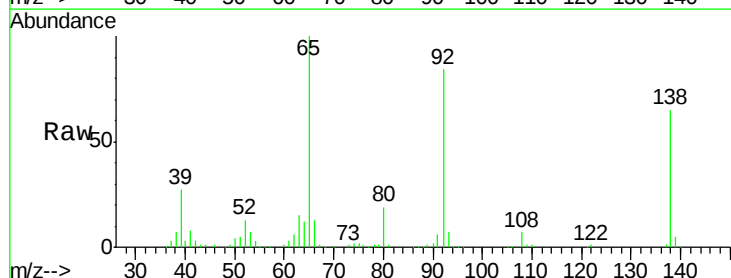
RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

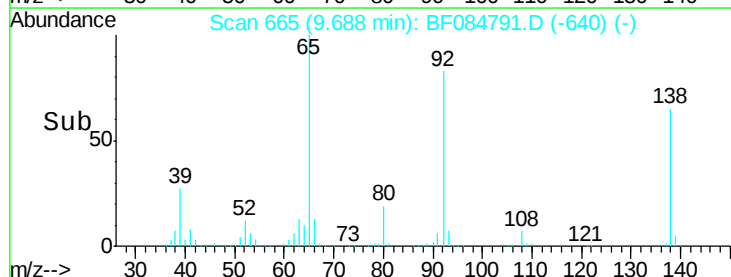
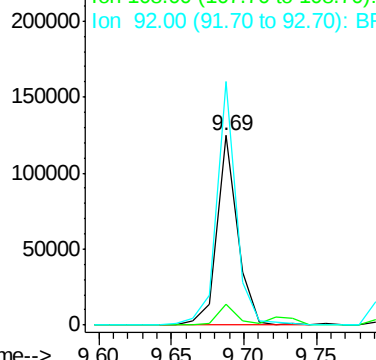
Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	138	Resp:	122424
Ion Ratio	Lower	Upper	
138	100		
108	10.8	10.5	15.7
92	128.6	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





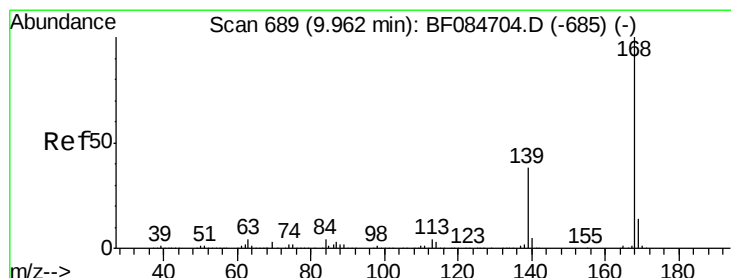
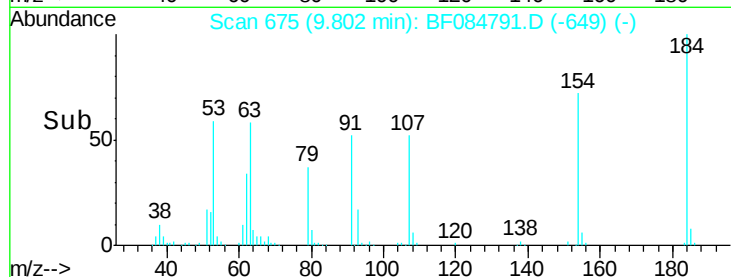
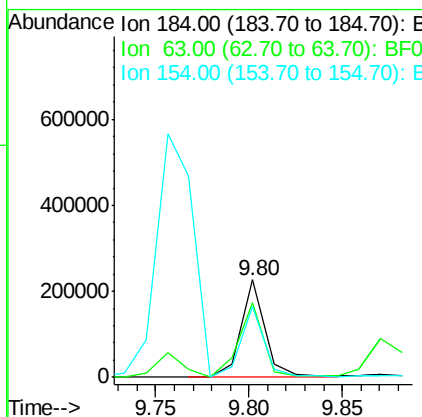
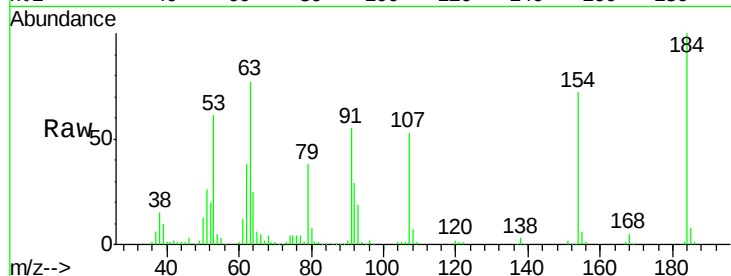
#53
 2,4-Dinitrophenol
 Concen: 78.48 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	207651		
63	76.6	43.1	64.7#	
154	72.3	60.5	90.7	

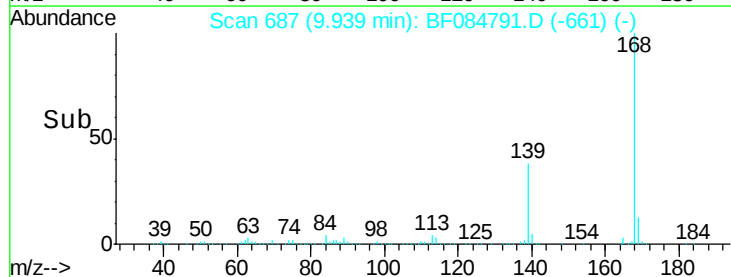
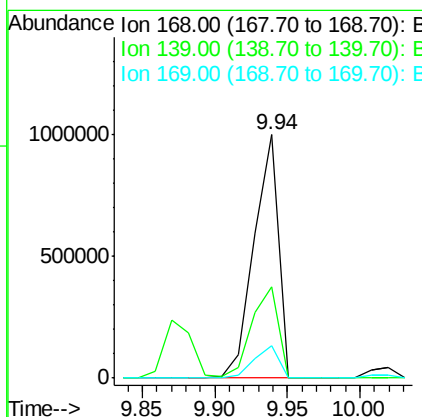
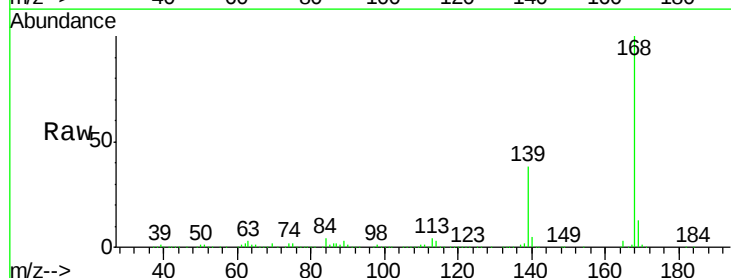
Manual Integrations
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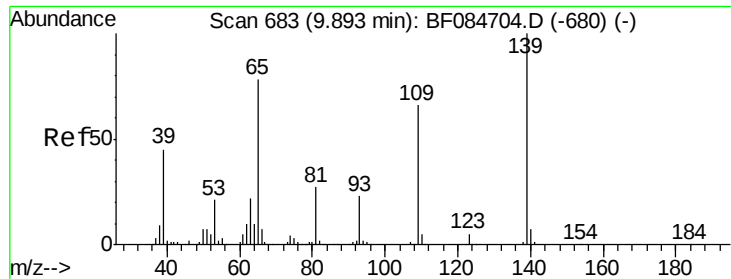
mohammad
 2/4/2016 2:04:33 PM



#54
 Dibenzofuran
 Concen: 42.52 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1164609		
139	37.6	30.5	45.7	
169	13.2	10.4	15.6	





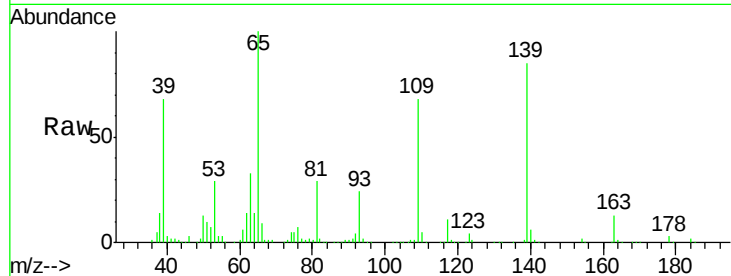
#55
4-Nitrophenol
Concen: 67.53 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.8	58.5	98.5	
65	117.2	57.6	97.6	

Manual Integrations
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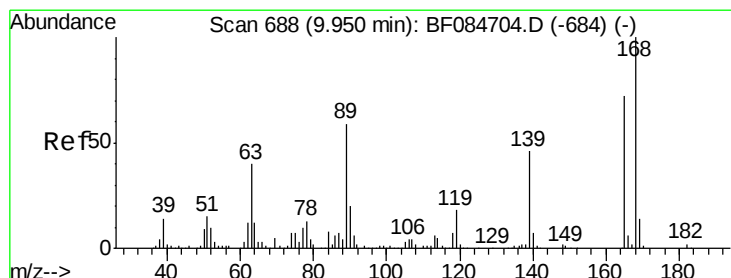
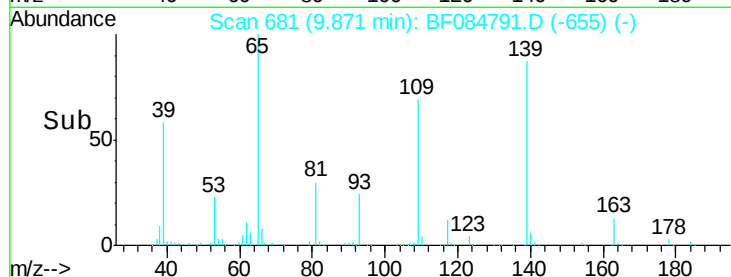
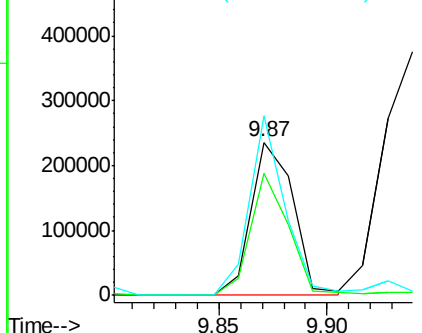


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 36.62 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.5	36.7	55.1	
89	89.9	61.9	92.9	
182	2.0	2.0	3.0	

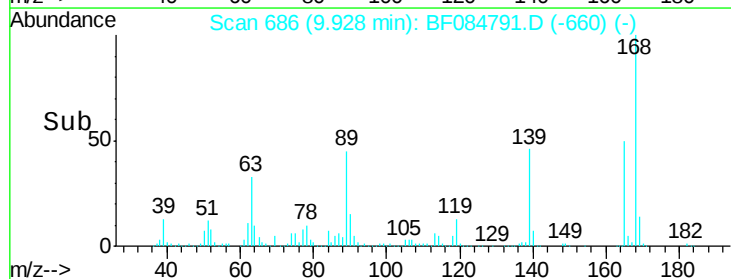
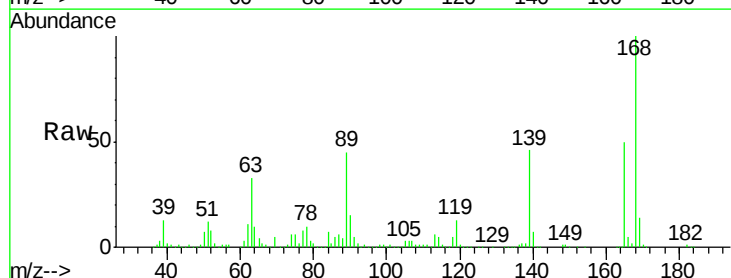
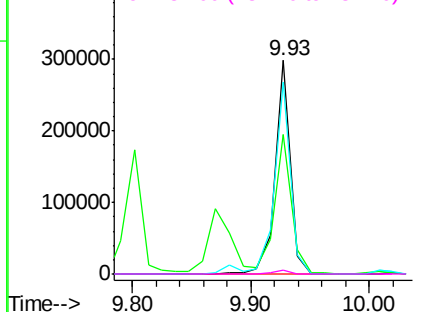
Abundance

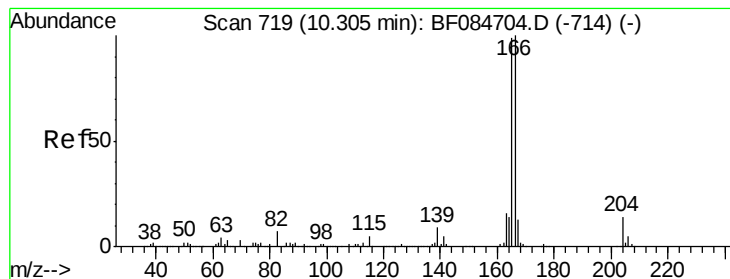
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.34 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

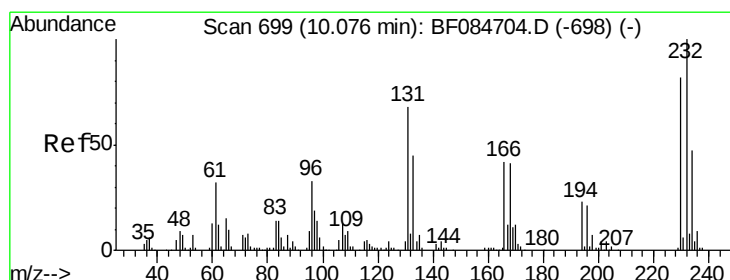
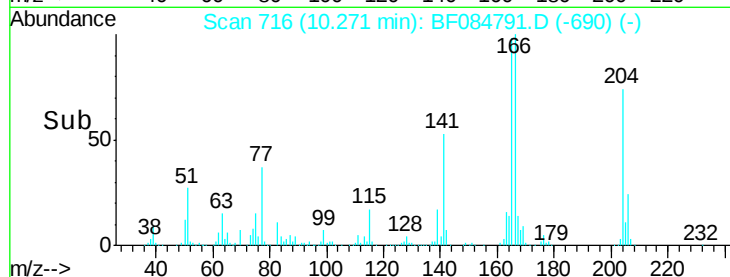
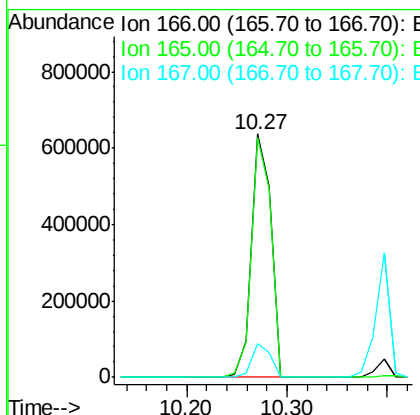
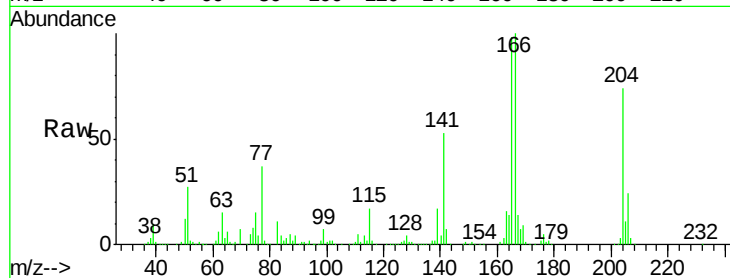
ClientSampleId :

PB88149BS

Tot Ion:	166	Resp:	853973
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.1	118.7
167	14.0	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.44 ng

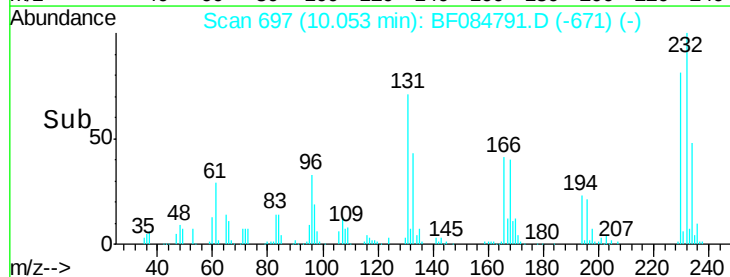
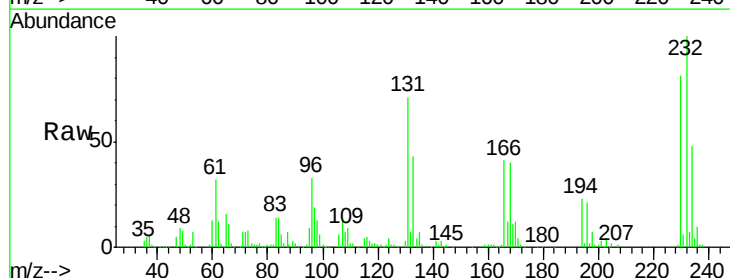
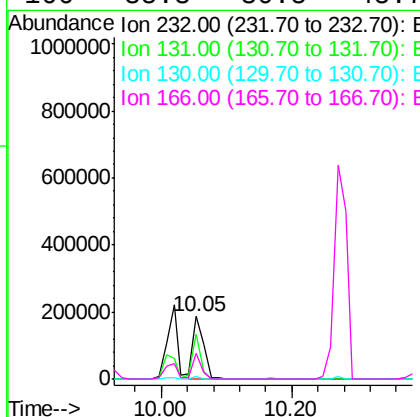
RT: 10.05 min Scan# 697

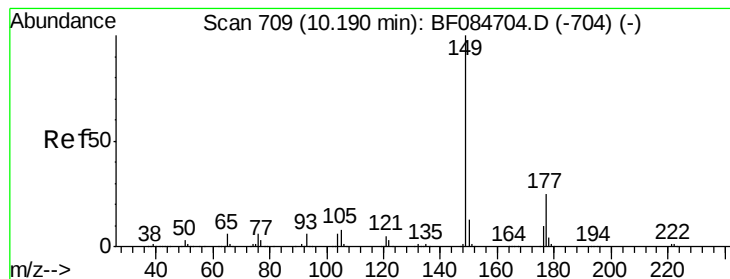
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	232	Resp:	209896
Ion Ratio	Lower	Upper	
232	100		
131	56.3	47.0	70.6
130	2.5	2.0	3.0
166	35.3	30.5	45.7





#59

Diethylphthalate

Concen: 39.89 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tot Ion:149 Resp: 1023646

Ion Ratio Lower Upper

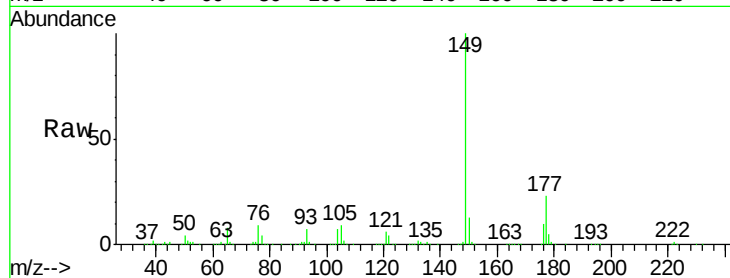
149 100

177 23.3 17.3 25.9

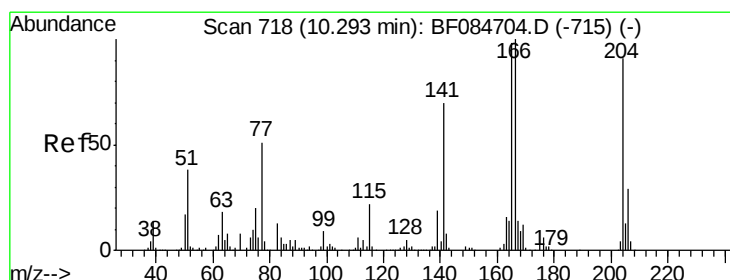
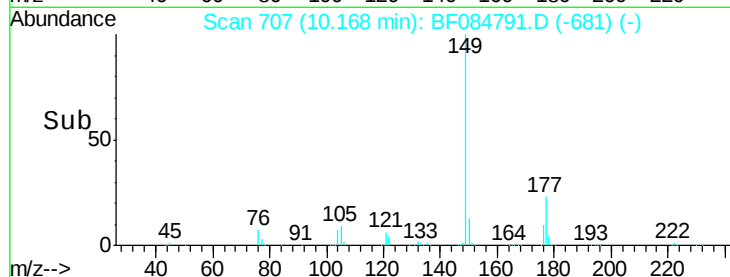
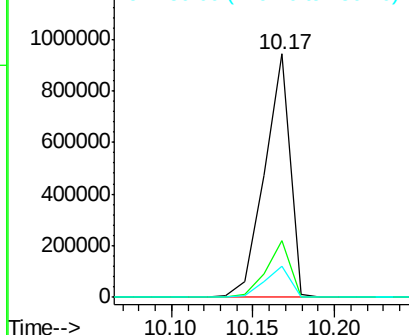
150 12.6 9.8 14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 40.88 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

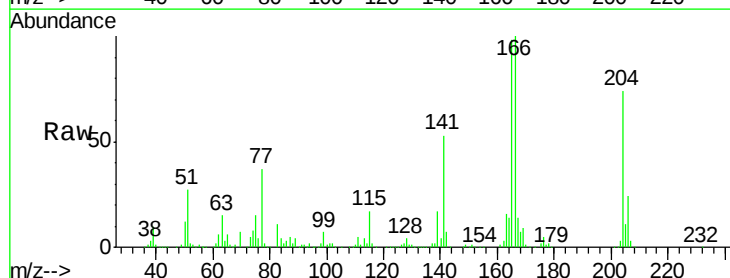
Tgt Ion:204 Resp: 399211

Ion Ratio Lower Upper

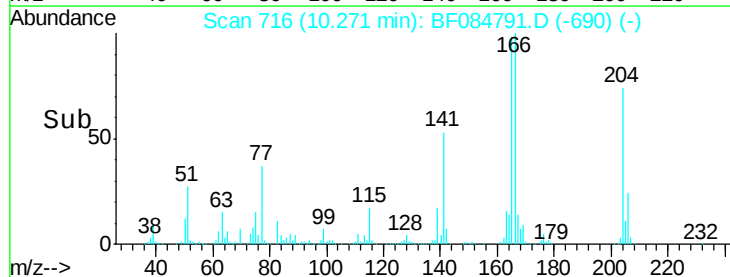
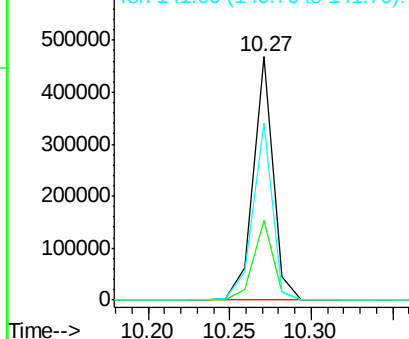
204 100

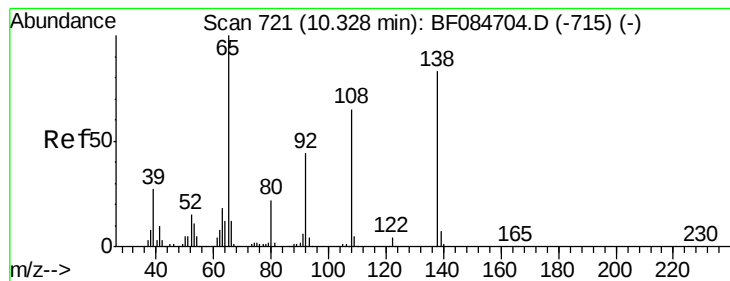
206 32.7 25.7 38.5

141 72.5 55.1 82.7



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





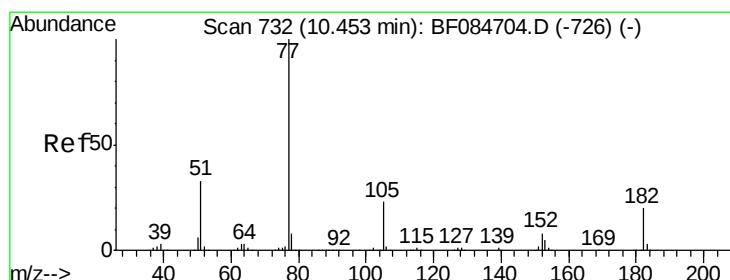
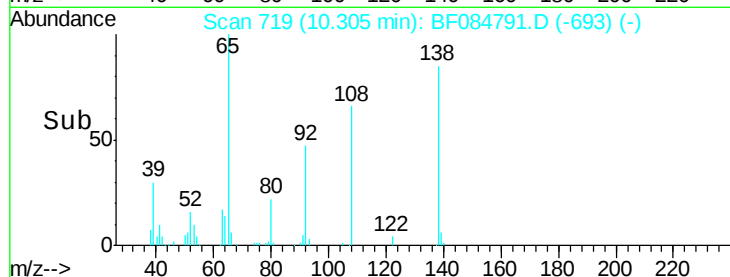
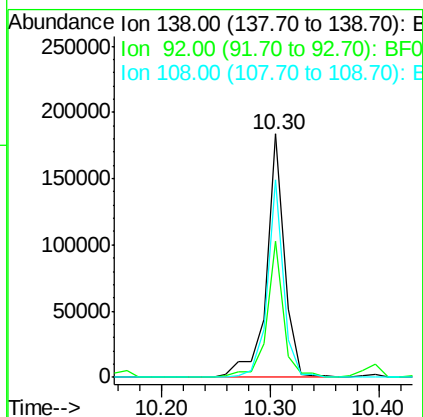
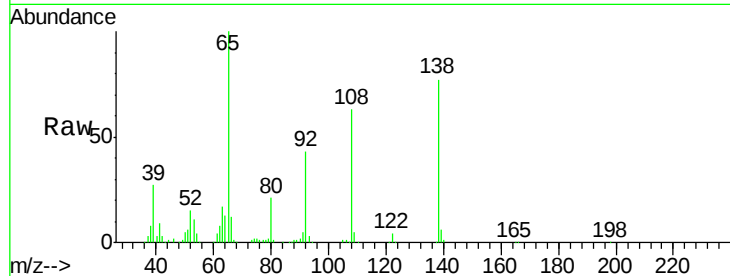
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleID :
PB88149BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	32.6	72.6
108	81.0	68.6	108.6

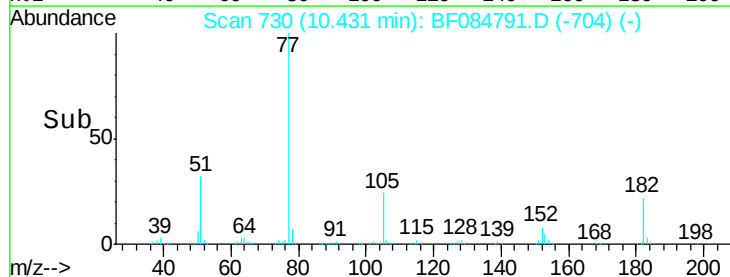
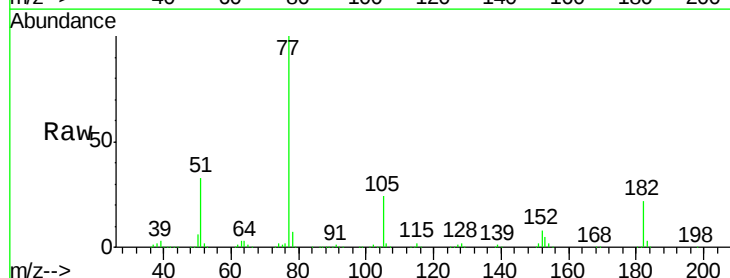
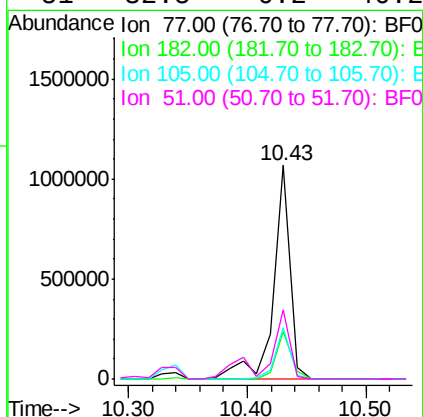
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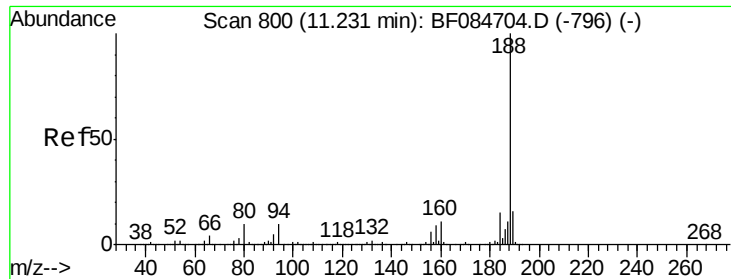
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#62
Azobenzene
Concen: 42.30 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	8.3	48.3
105	24.1	4.6	44.6
51	32.5	6.2	46.2





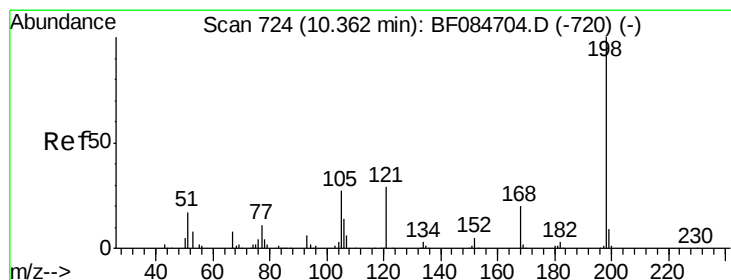
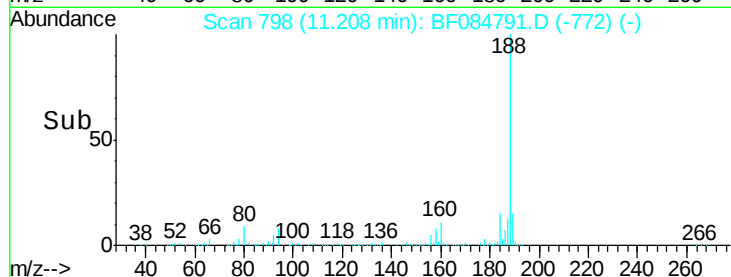
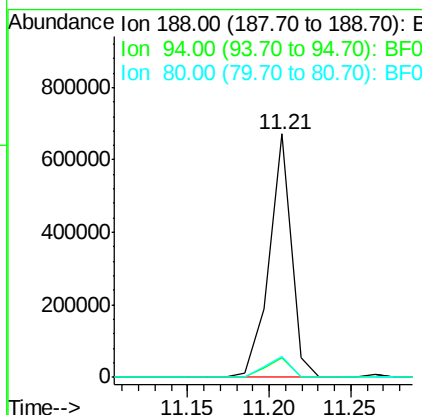
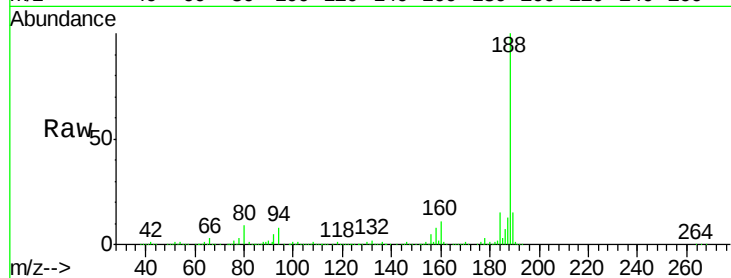
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.7	9.6	14.4#

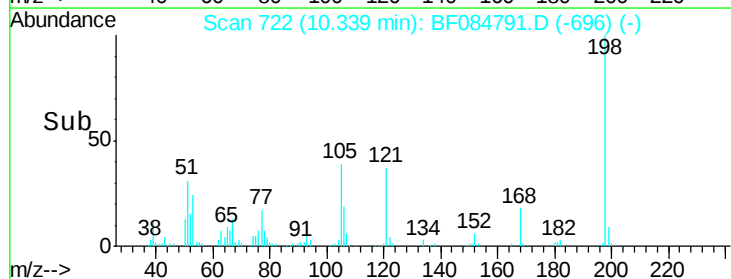
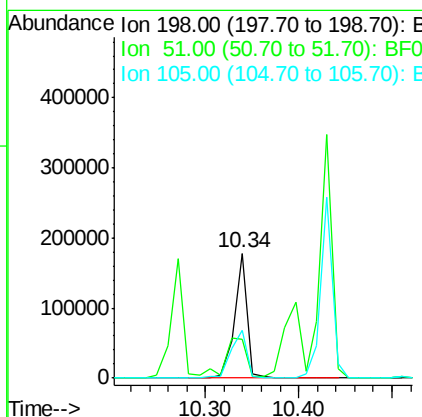
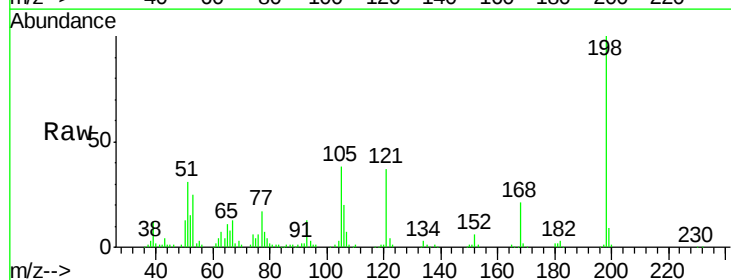
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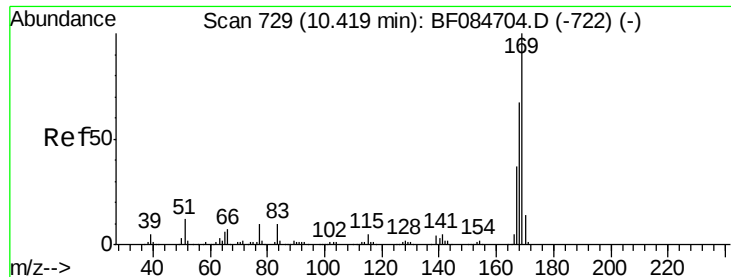
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.46 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	31.3	18.9	58.9
105	38.4	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.36 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

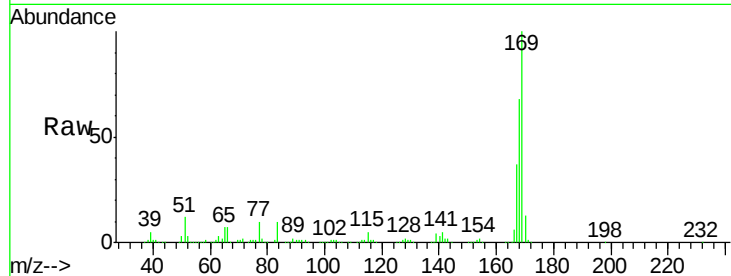
ClientSampled :

PB88149BS

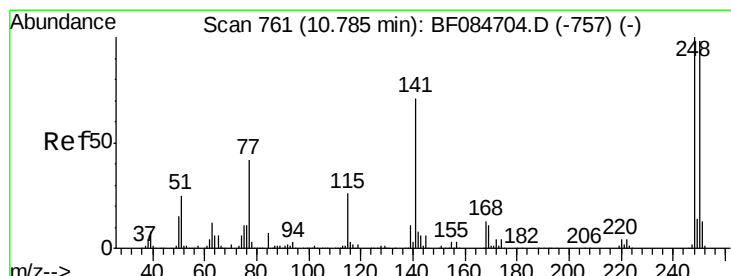
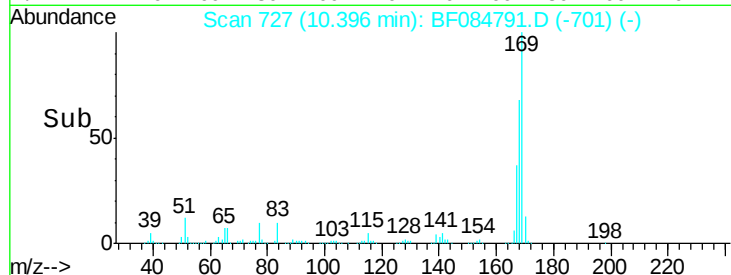
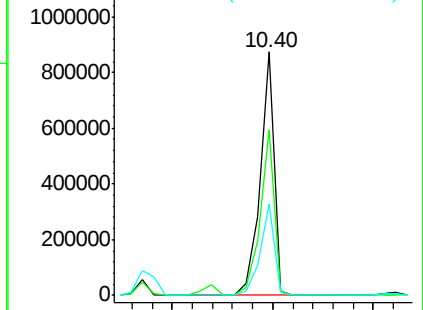
Tot Ion:	169	Resp:	836665
Ion Ratio	Lower	Upper	
169	100		
168	67.9	55.1	82.7
167	37.5	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 40.99 ng

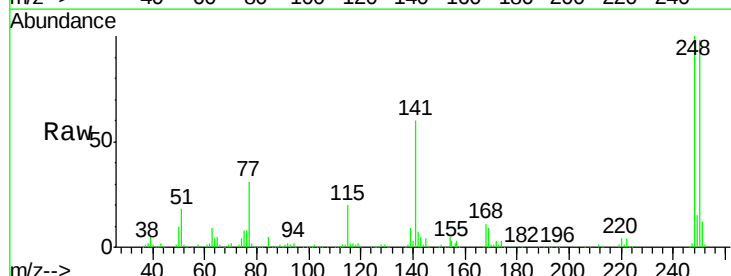
RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

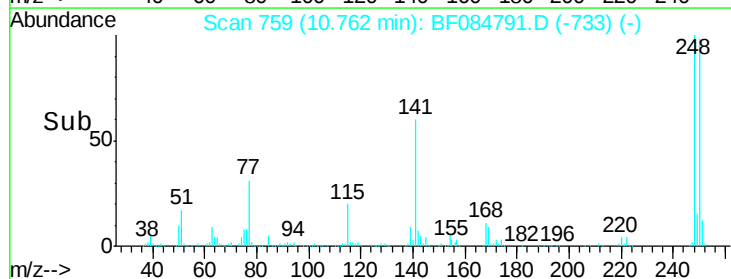
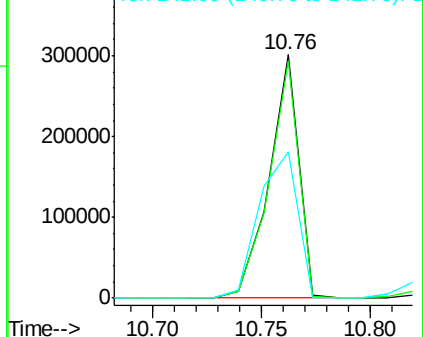
Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	248	Resp:	288420
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.4	117.6
141	60.1	44.0	66.0



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





#67

Hexachlorobenzene

Concen: 37.55 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

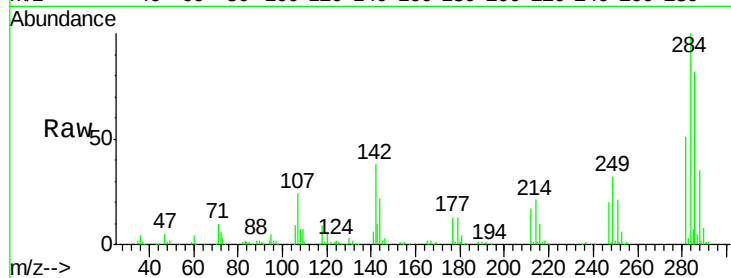
ClientSampleId :

PB88149BS

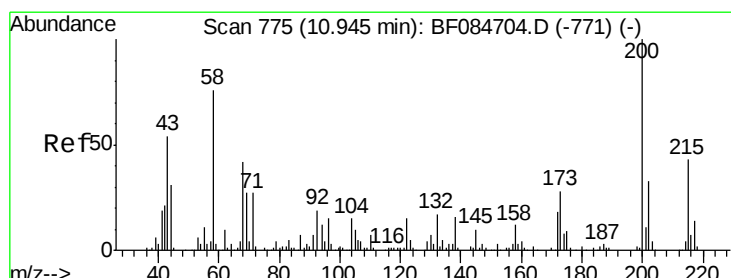
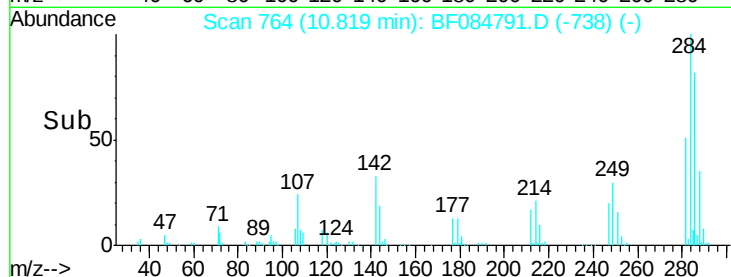
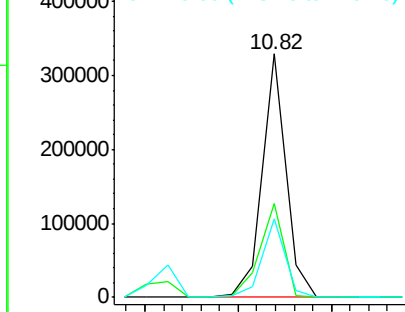
Tot Ion:	284	Resp:	287929
Ion Ratio	Lower	Upper	
284	100		
142	38.4	22.2	33.4#
249	32.4	24.6	37.0

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



#68

Atrazine

Concen: 39.12 ng

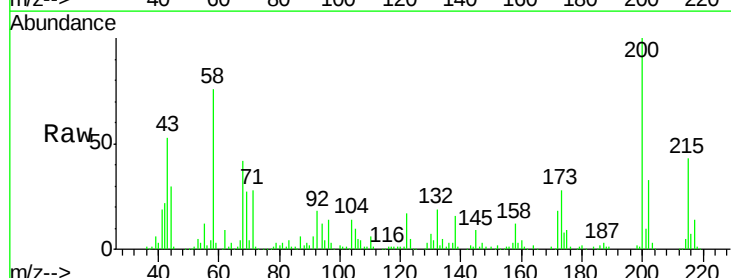
RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

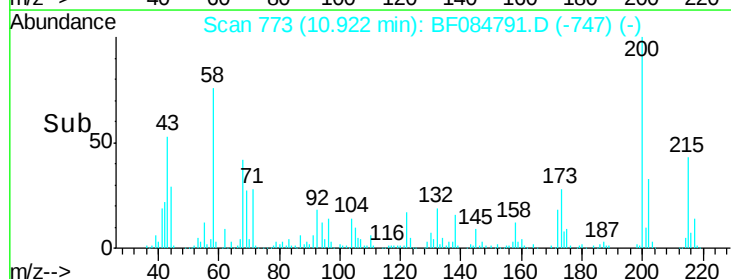
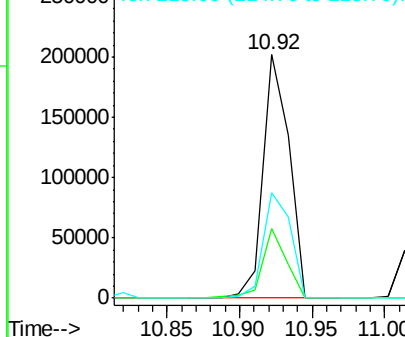
Lab File: BF084791.D

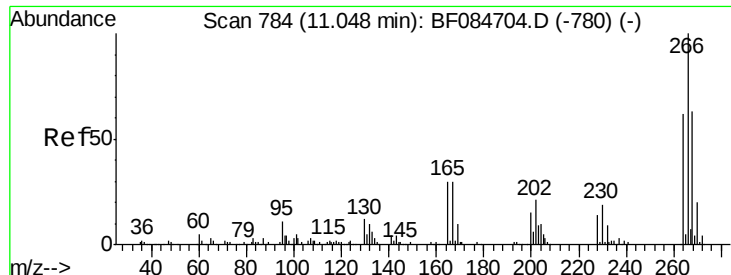
Acq: 3 Feb 2016 18:17

Tgt Ion:	200	Resp:	249910
Ion Ratio	Lower	Upper	
200	100		
173	28.4	9.5	49.5
215	43.2	23.8	63.8



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





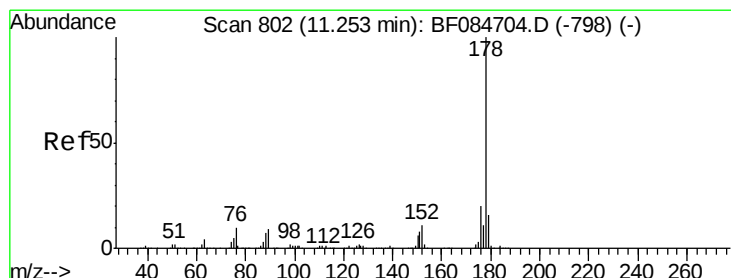
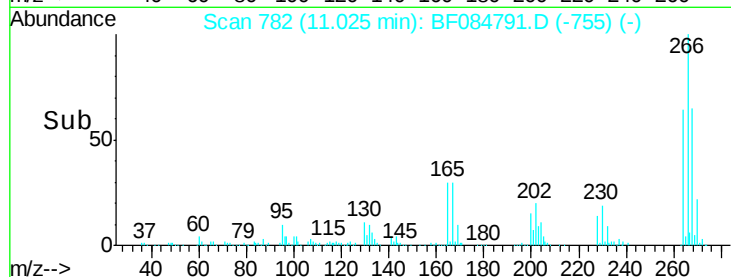
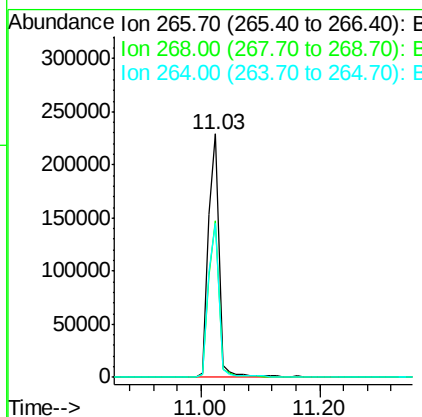
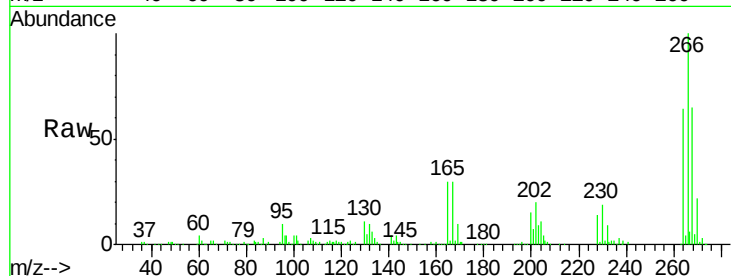
#69
 Pentachlorophenol
 Concen: 80.56 ng
 RT: 11.03 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	290305		
268	64.5	52.4	78.6	
264	63.5	50.2	75.2	

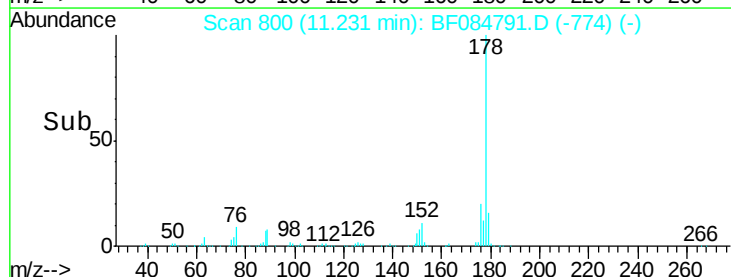
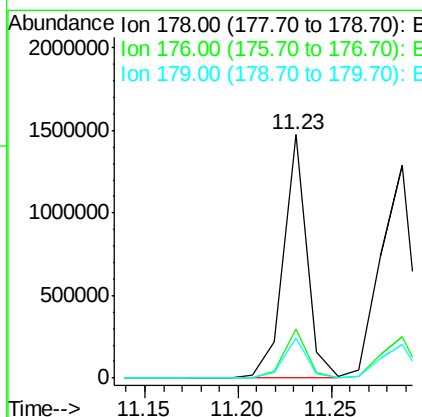
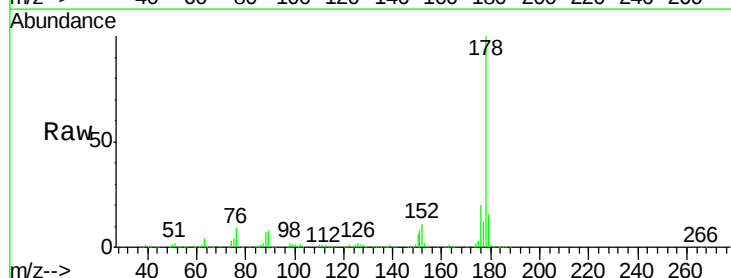
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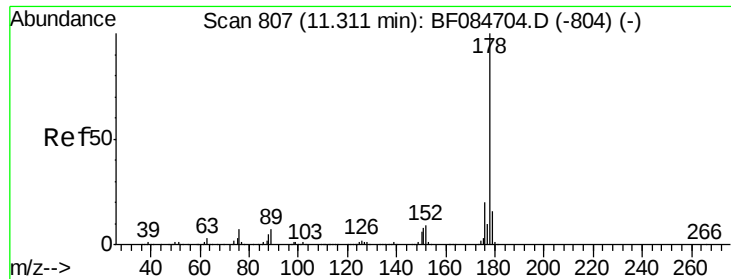
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#70
 Phenanthrene
 Concen: 36.50 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1289643		
176	20.3	15.3	22.9	
179	16.3	12.0	18.0	





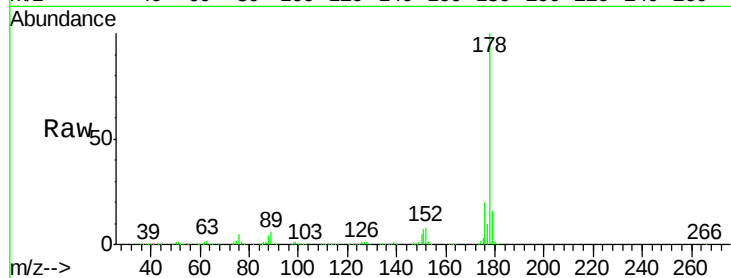
#71
 Anthracene
 Concen: 40.42 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

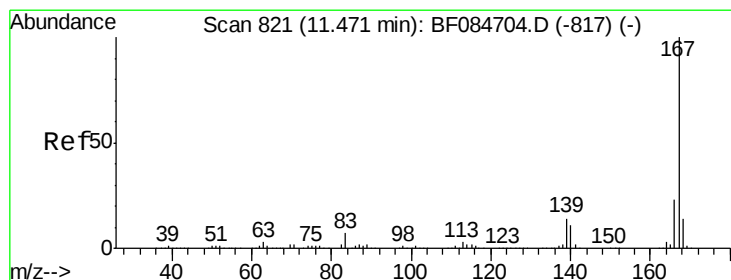
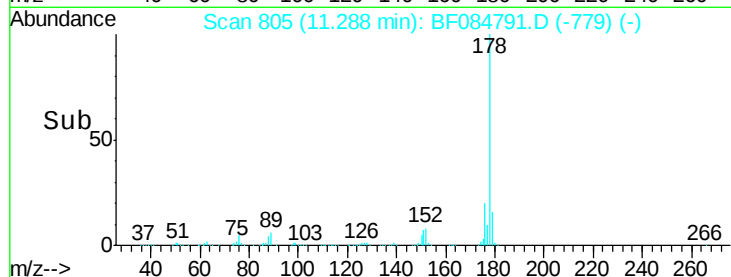
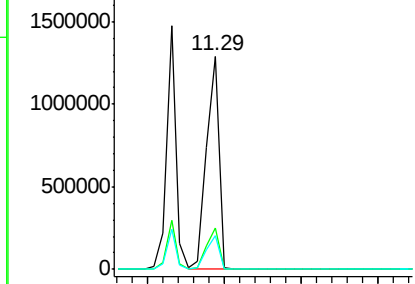
Tot Ion:178 Resp: 1439090
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.7 12.5 18.7

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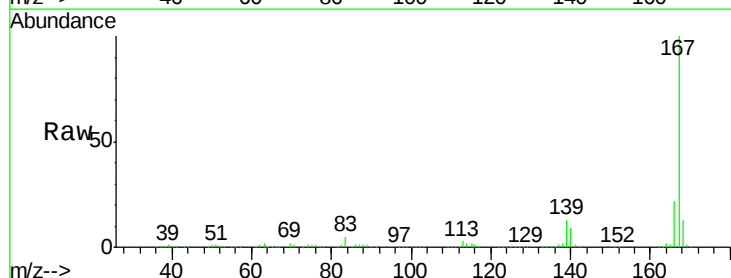


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

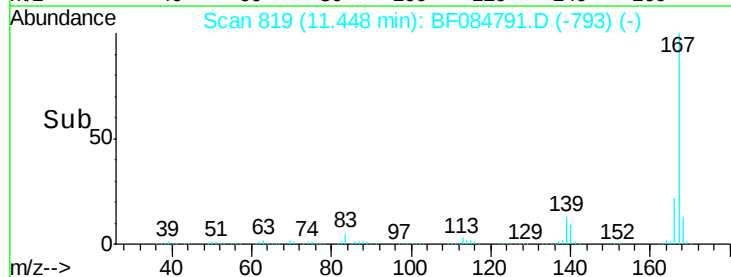
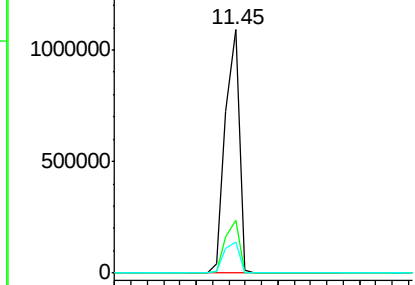


#72
 Carbazole
 Concen: 41.74 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion:167 Resp: 1295840
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.17 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB88149BS

Tot Ion:149 Resp: 1390027

Ion Ratio Lower Upper

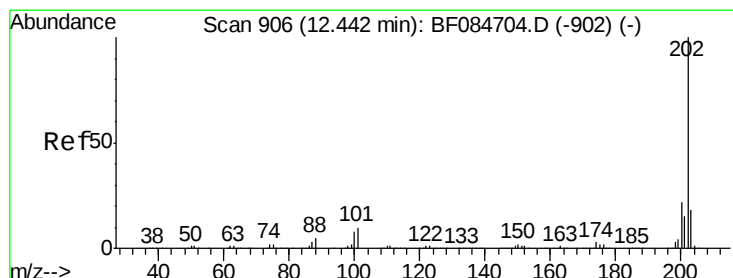
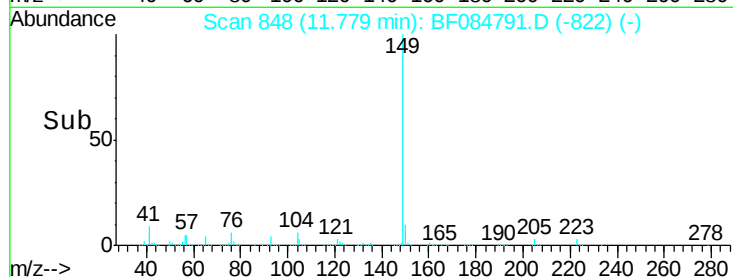
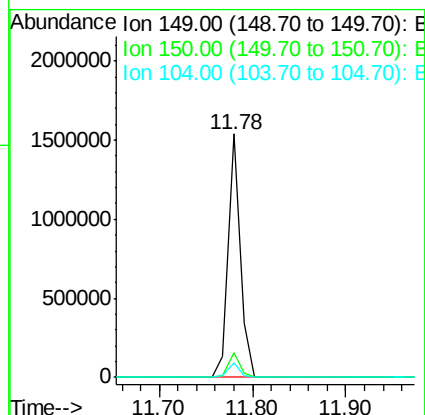
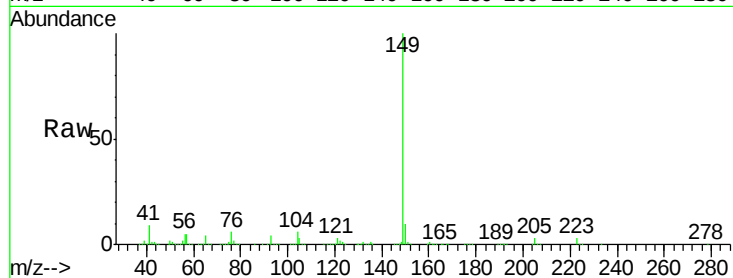
149 100

150 9.9 7.1 10.7

104 5.8 3.2 4.8#

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#74

Fluoranthene

Concen: 40.91 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

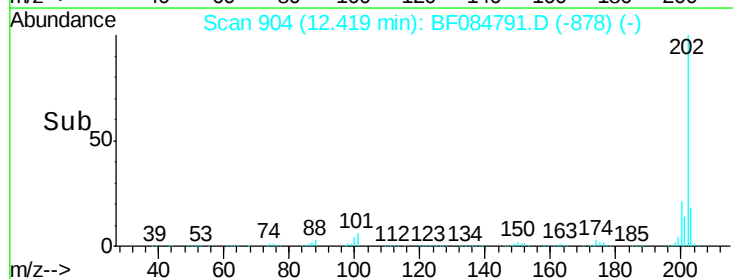
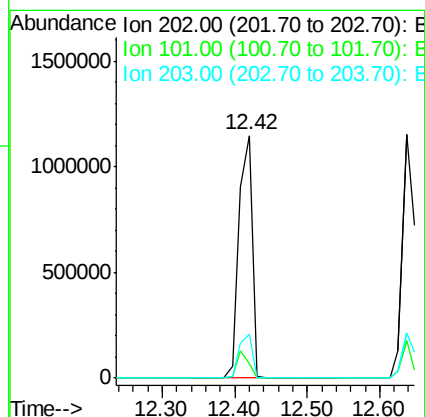
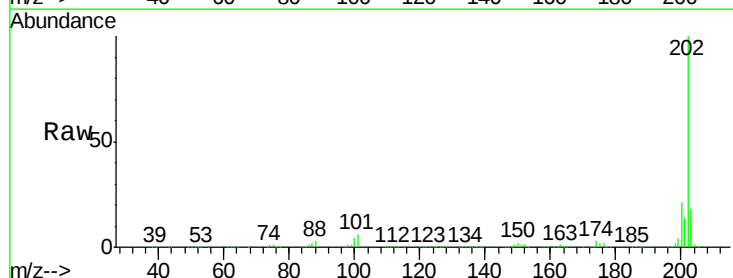
Tgt Ion:202 Resp: 1462993

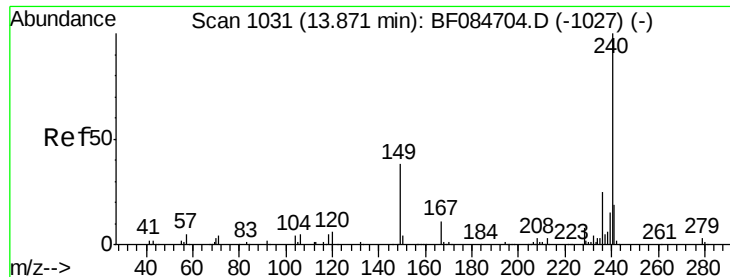
Ion Ratio Lower Upper

202 100

101 5.9 0.0 32.8

203 18.0 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: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

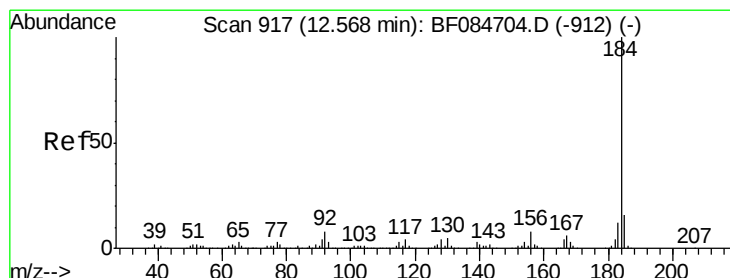
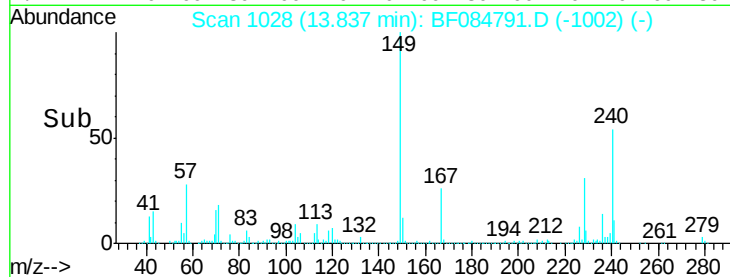
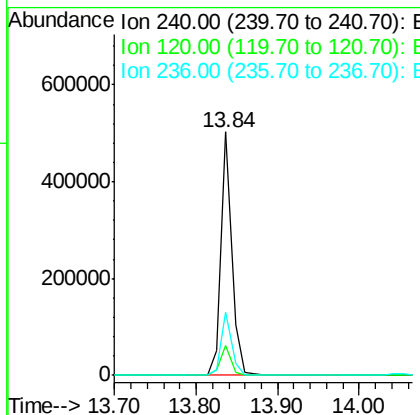
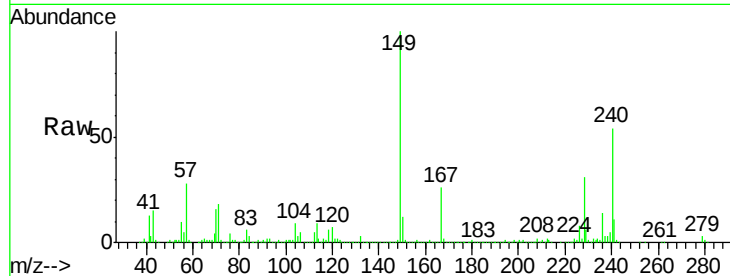
ClientSampleId :

PB88149BS

Tot Ion:	240	Resp:	460208
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.8	20.6	31.0

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#76

Benzidine

Concen: 34.20 ng

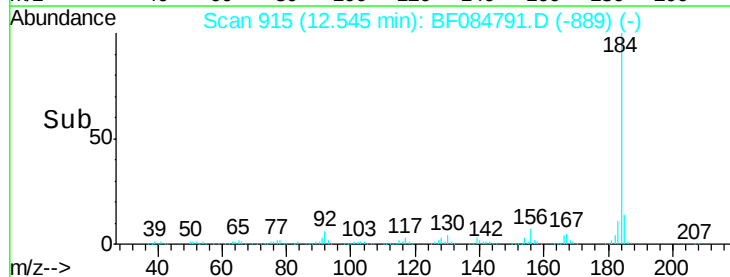
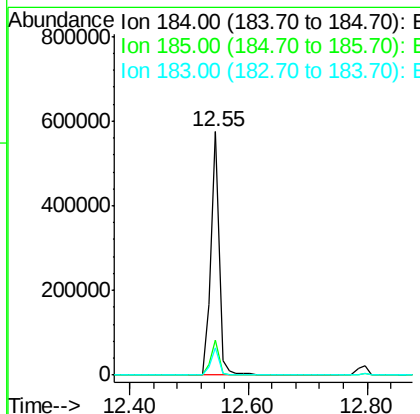
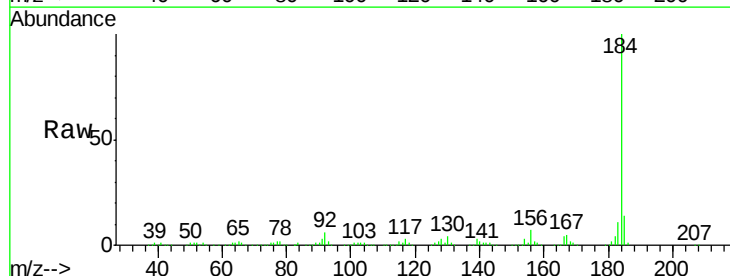
RT: 12.55 min Scan# 915

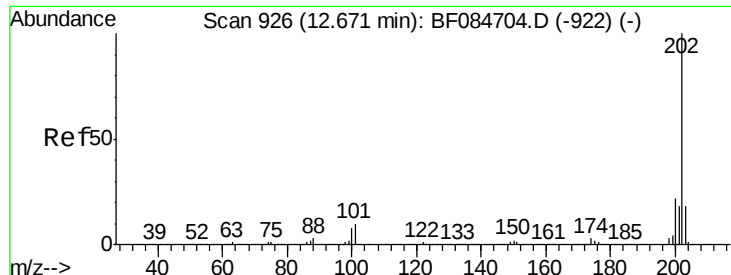
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	184	Resp:	558025
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	11.4	9.8	14.8





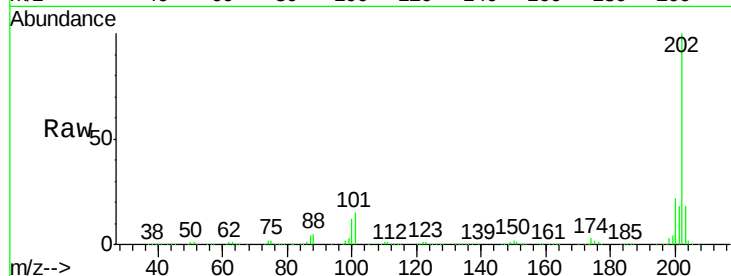
#77
Pvrene
Concen: 39.32 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.3	14.3	21.5

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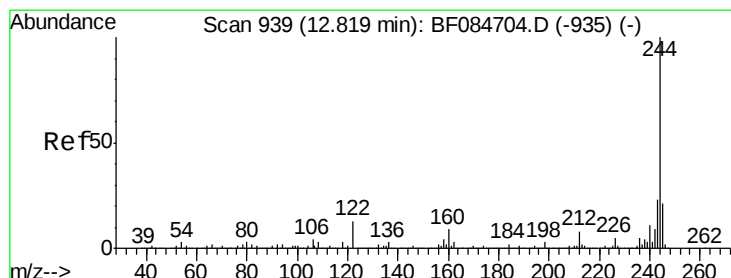
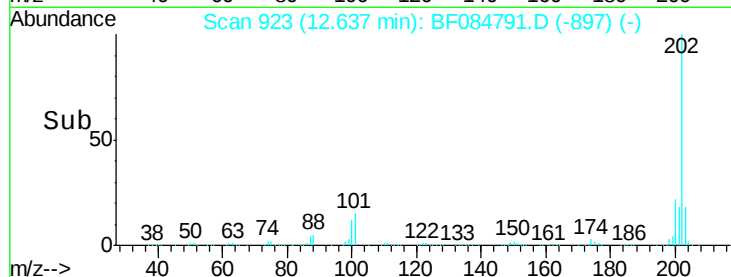
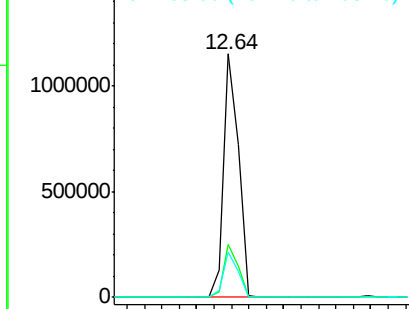


Abundance

Ion 202.00 (201.70 to 202.70): E

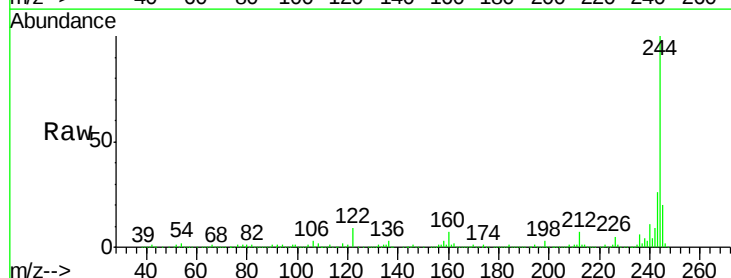
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 87.36 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.8	7.4	11.0

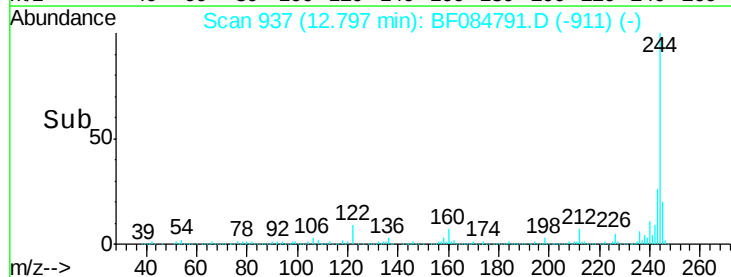
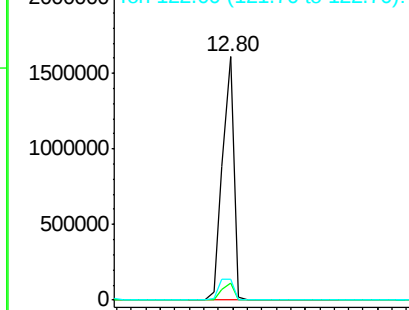


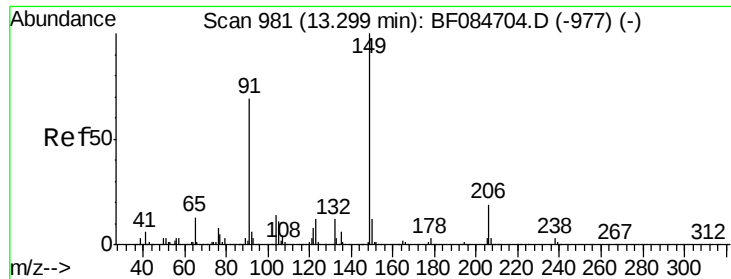
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





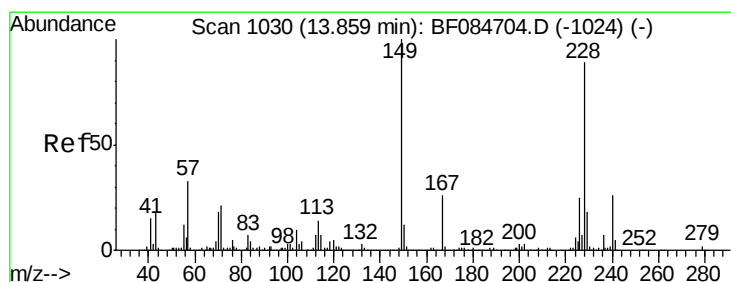
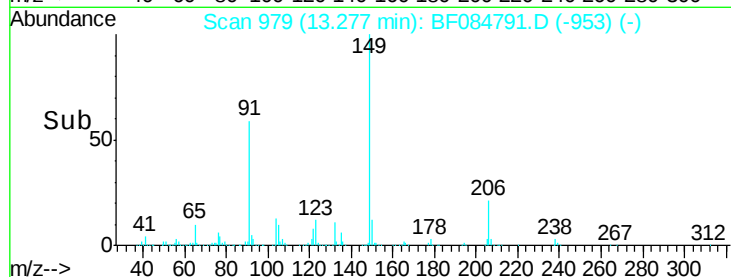
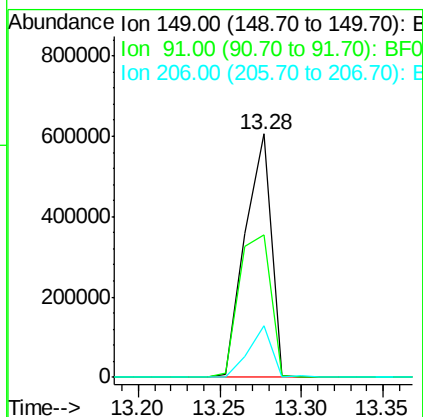
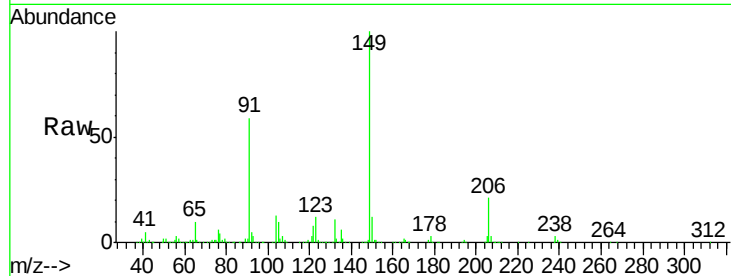
#79
Butylbenzylphthalate
Concen: 42.09 ng
RT: 13.28 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.6	57.6	86.4
206	21.1	13.2	19.8

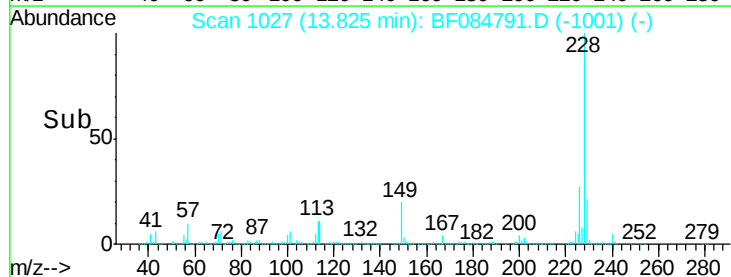
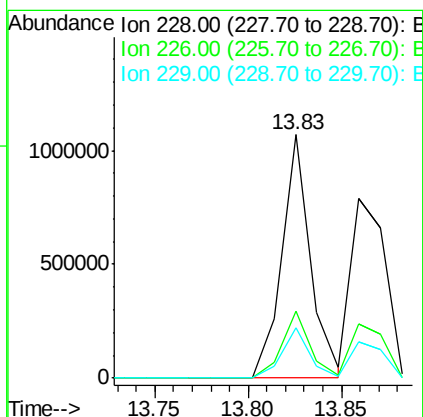
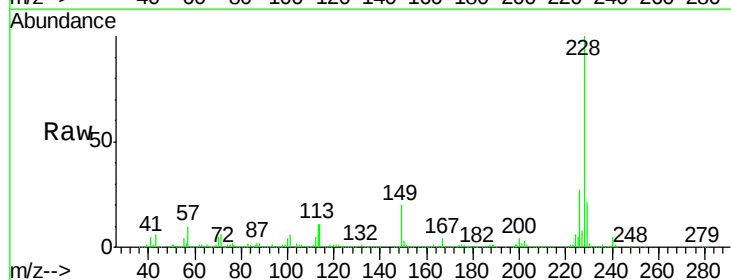
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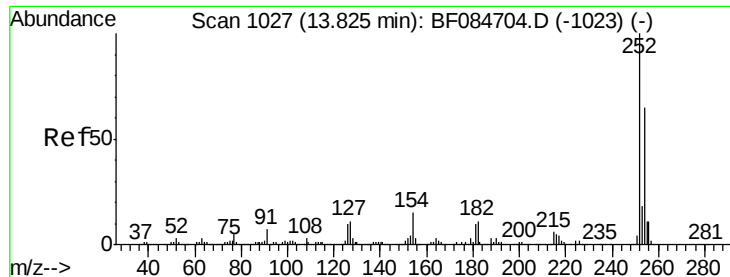
mohammad
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#80
Benzo(a)anthracene
Concen: 40.16 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.7	15.8	23.8





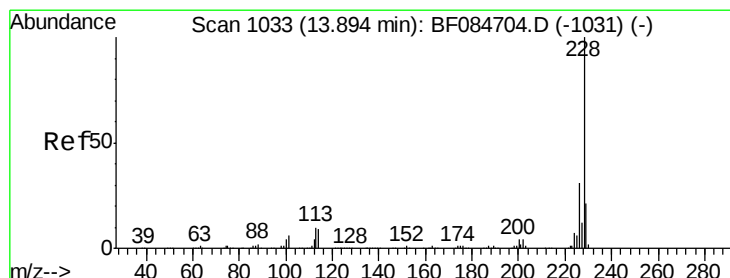
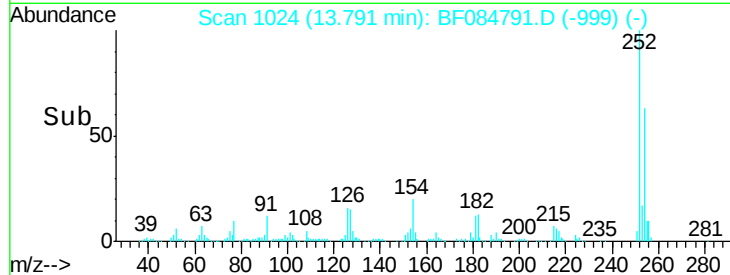
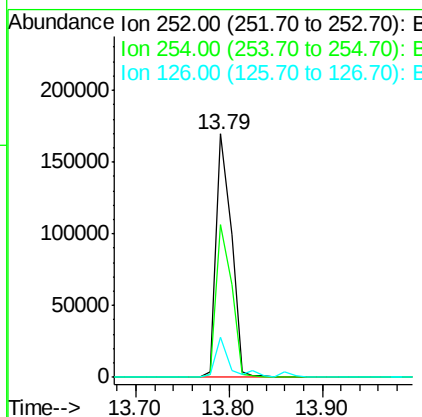
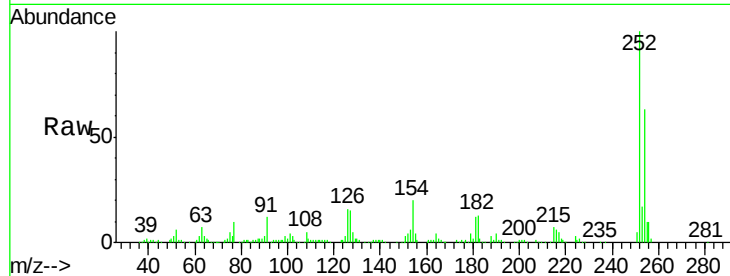
#81
 3,3'-Dichlorobenzidine
 Concen: 19.04 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	53.5	80.3
126	16.4	4.9	7.3

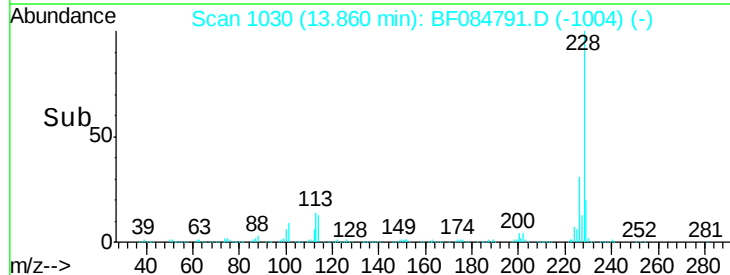
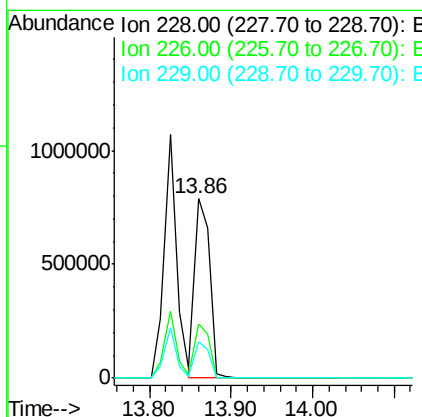
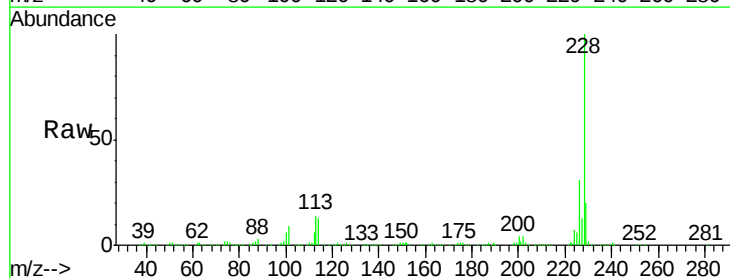
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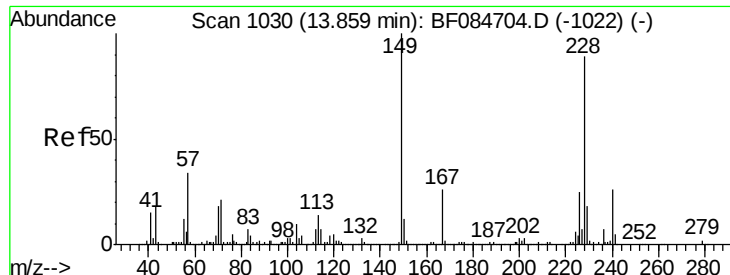
mohammad
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#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.75 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

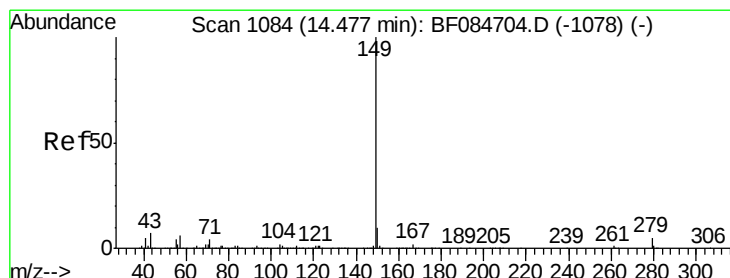
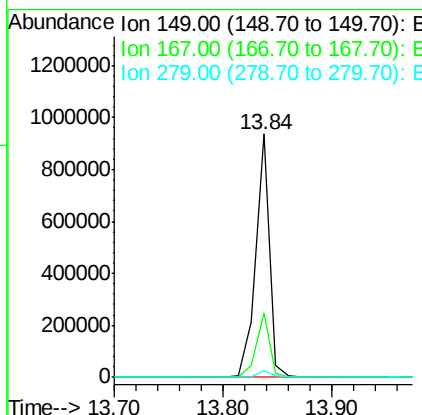
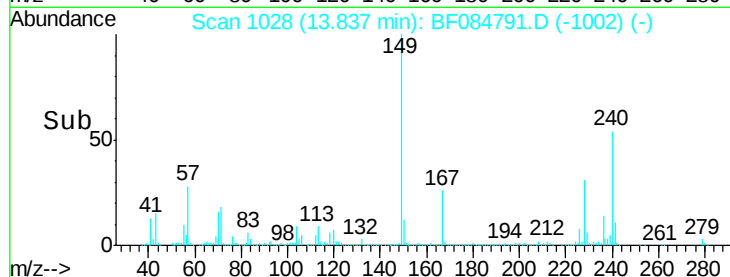
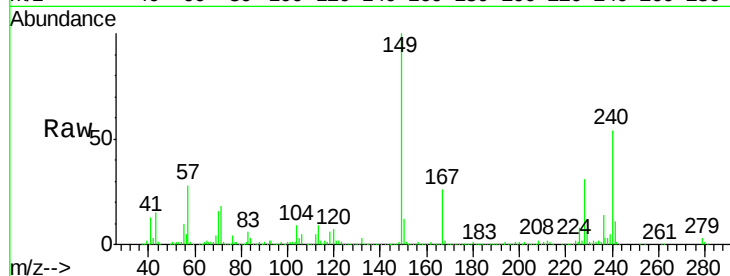
ClientSampleId :

PB88149BS

Tot Ion:	149	Resp:	830525
Ion Ratio	Lower	Upper	
149	100		
167	26.4	19.7	29.5
279	3.0	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 39.34 ng

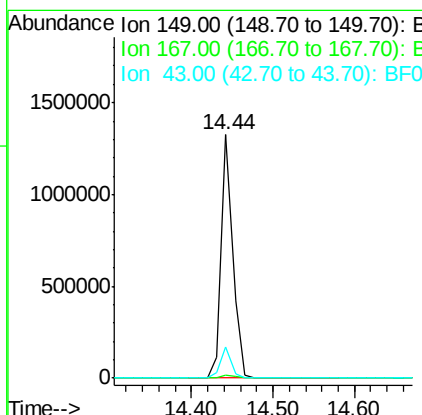
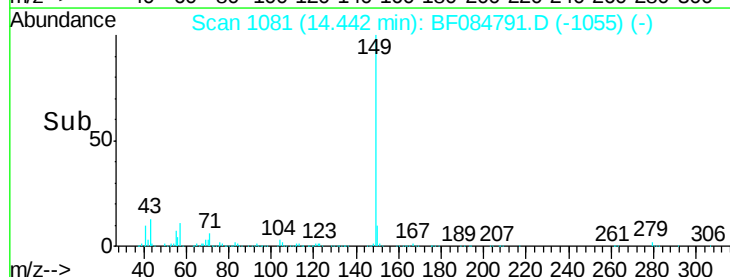
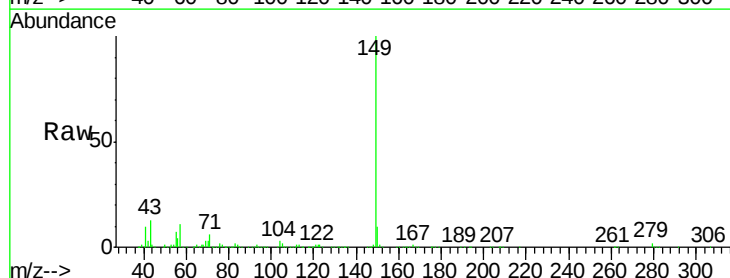
RT: 14.44 min Scan# 1081

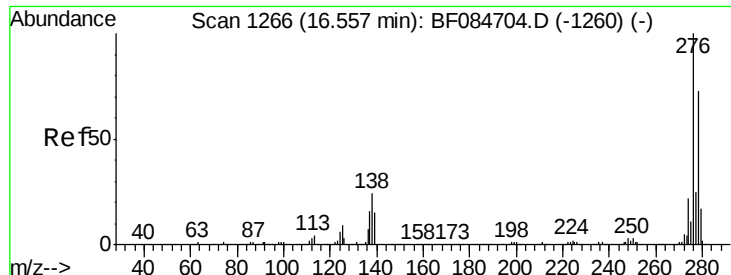
Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion:	149	Resp:	1291210
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.6	5.6	8.4#





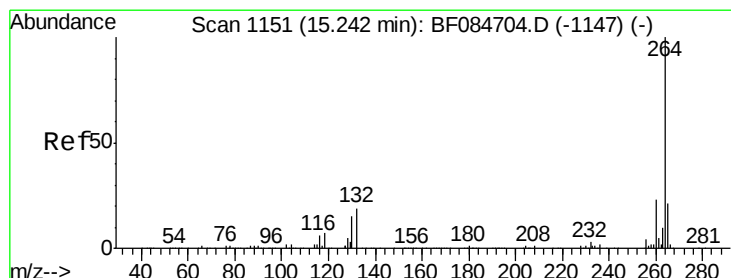
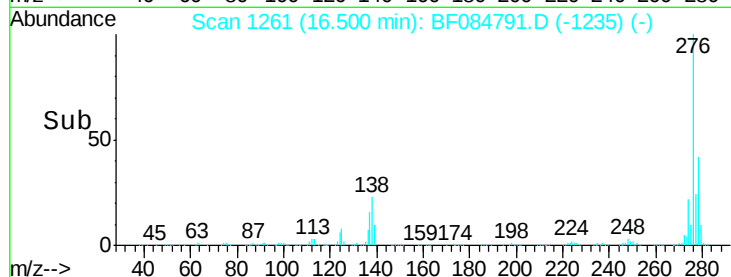
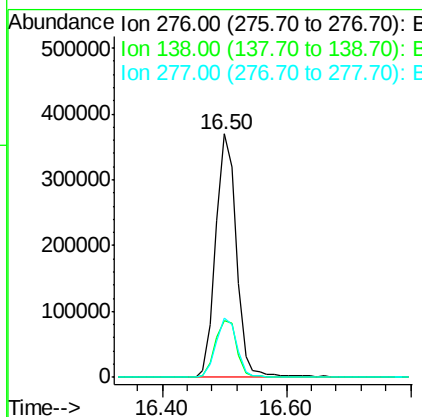
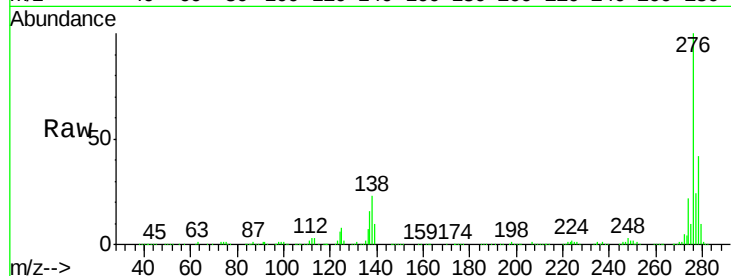
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.89 ng
RT: 16.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	24.7	20.1	30.1

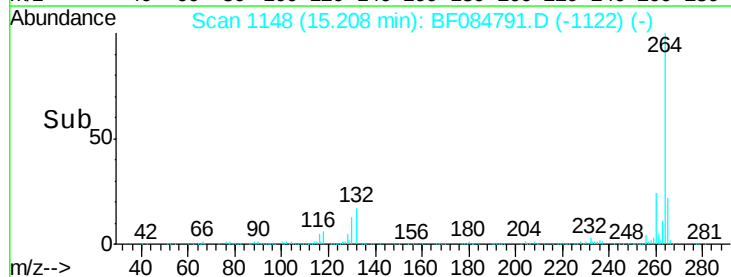
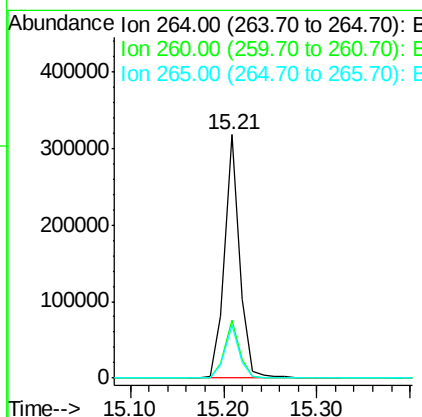
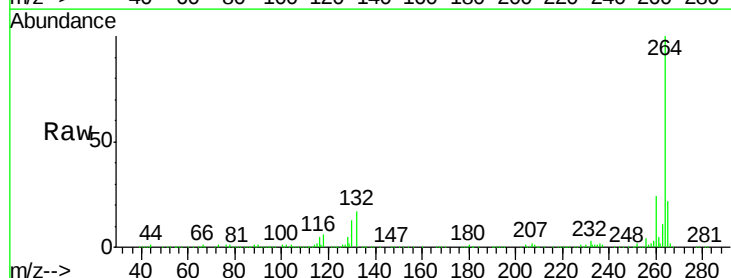
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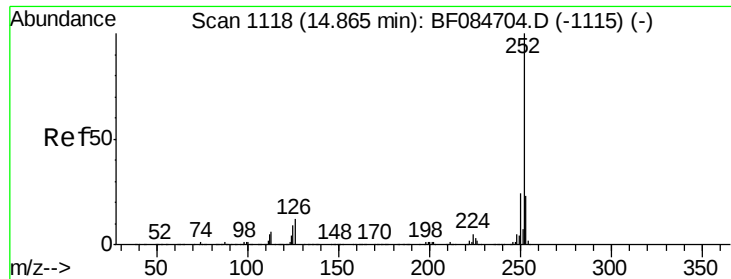
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 36.01 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Instrument :

BNA_F

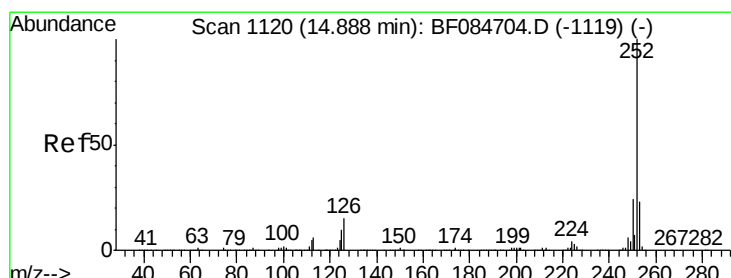
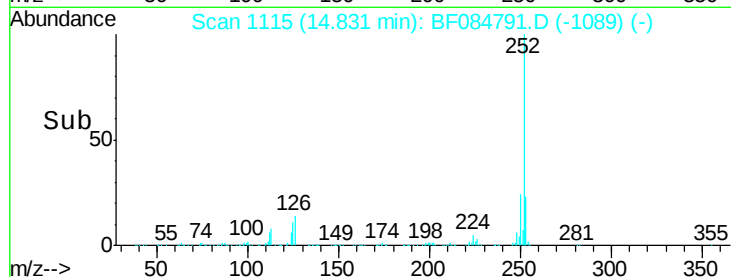
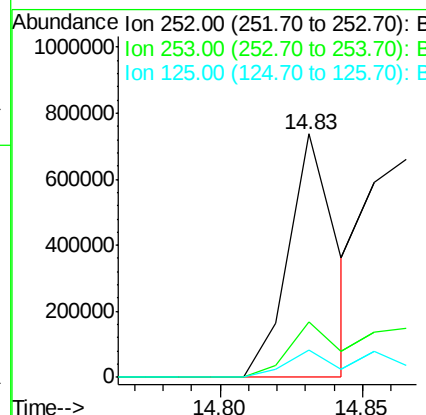
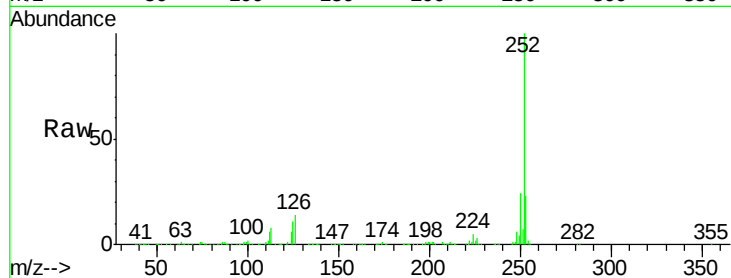
ClientSampleId :

PB88149BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		868240		
253	22.8	17.3	25.9		
125	11.0	6.5	9.7#		

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#88

Benzo(k)fluoranthene

Concen: 45.66 ng m

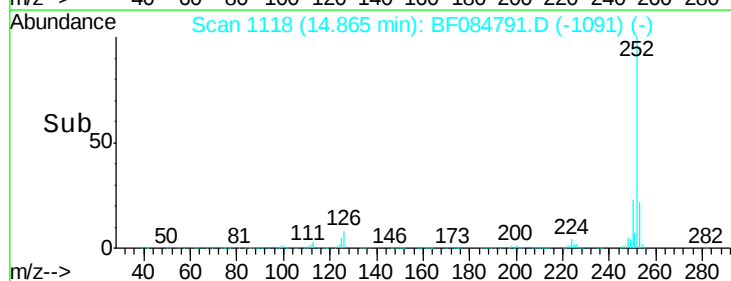
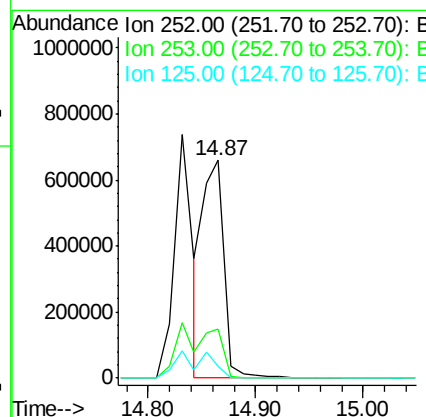
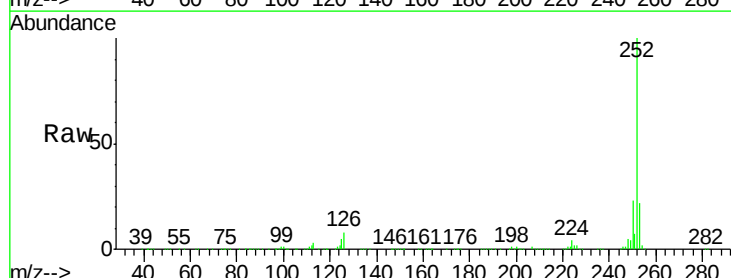
RT: 14.87 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF084791.D

Acq: 3 Feb 2016 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		910291		
253	22.4	18.1	27.1		
125	5.4	9.0	13.6#		





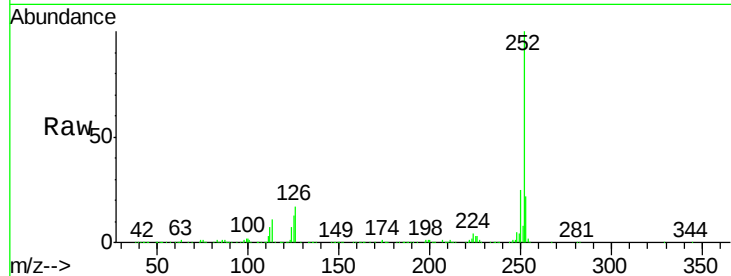
#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Instrument :
BNA_F
ClientSampleId :
PB88149BS

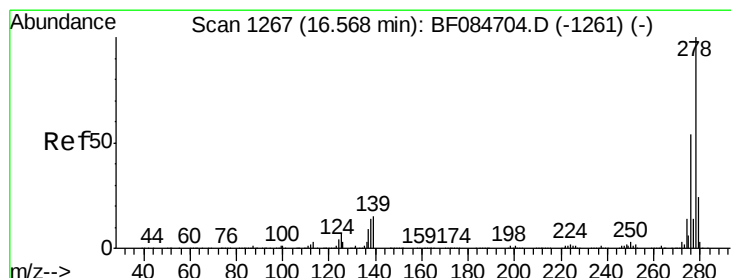
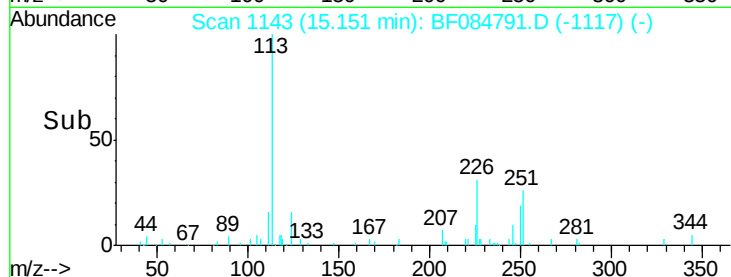
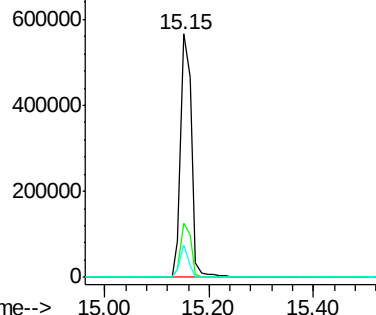
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	13.5	7.0	10.4

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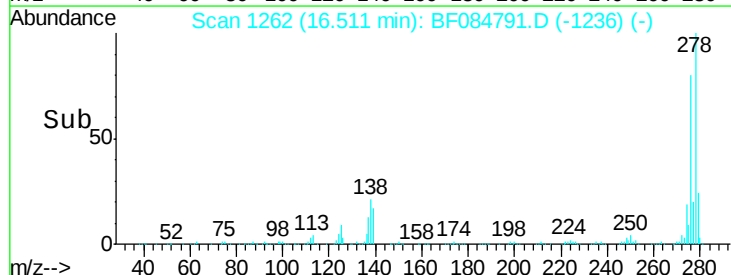
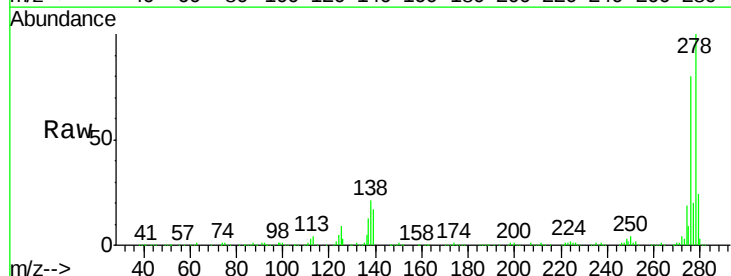
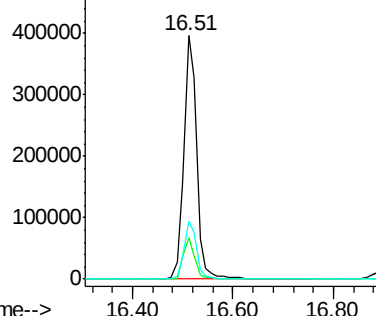
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

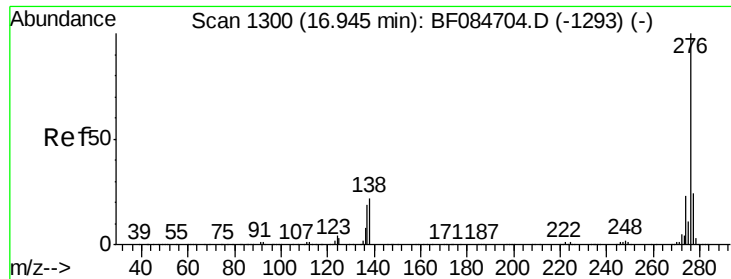


#90
Dibenzo(a,h)anthracene
Concen: 41.02 ng
RT: 16.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF084791.D
Acq: 3 Feb 2016 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.0	22.4
279	24.0	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: 41.36 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF084791.D
 Acq: 3 Feb 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88149BS

Tot Ion	Ion	Ratio	Resp Lower	Upper
720471	276	100		
	277	24.2	18.8	28.2
	138	21.1	17.8	26.6

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