

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084678.D
 Acq On : 30 Jan 2016 11:36
 Operator : SJ/IZ
 Sample : H1257-03MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:25:53 PM

Quant Time: Feb 01 01:28:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173286	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	667319	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	311318	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	544729	20.00	ng	0.00
75) Chrysene-d12	13.87	240	314928	20.00	ng	0.00
86) Perylene-d12	15.25	264	348523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1351874	117.76	ng	0.02
7) Phenol-d6	6.38	99	1668811	121.29	ng	0.01
23) Nitrobenzene-d5	7.30	82	1070209	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	399315	122.38	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1537931	73.43	ng	0.00
78) Terphenyl-d14	12.83	244	1211967	86.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	167597	31.31	ng	# 76
3) Pyridine	2.97	79	404794	28.39	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	269097	38.59	ng	# 86
6) Aniline	6.38	93	288362	16.33	ng	# 24
8) 2-Chlorophenol	6.51	128	478107	37.55	ng	89
9) Benzaldehyde	6.27	77	37059	4.65	ng	89
10) Phenol	6.40	94	625734	40.81	ng	90
11) bis(2-Chloroethyl)ether	6.46	93	482023m	40.42	ng	
12) 1,3-Dichlorobenzene	6.66	146	494624m	36.26	ng	
13) 1,4-Dichlorobenzene	6.74	146	482869	36.06	ng	98
14) 1,2-Dichlorobenzene	6.90	146	492573	39.95	ng	97
15) Benzyl Alcohol	6.88	79	395547	42.24	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	749718	36.73	ng	89
17) 2-Methylphenol	7.00	107	417047	42.25	ng	95
18) Hexachloroethane	7.24	117	201551	38.48	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	338107	40.23	ng	# 74
20) 3+4-Methylphenols	7.15	107	493865	41.23	ng	# 72
22) Acetophenone	7.14	105	699897	40.16	ng	# 98
24) Nitrobenzene	7.31	77	464019	36.56	ng	92
25) Isophorone	7.56	82	948193	42.39	ng	95
26) 2-Nitrophenol	7.63	139	256267	42.46	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	409246	38.70	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	568951	42.38	ng	98
29) 2,4-Dichlorophenol	7.88	162	409541	44.27	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	412158	38.96	ng	# 92
31) Naphthalene	8.03	128	1353190	40.17	ng	99
32) Benzoic acid	7.79	122	114786	14.14	ng	98
33) 4-Chloroaniline	8.09	127	130382	9.52	ng	97
34) Hexachlorobutadiene	8.16	225	248011	39.67	ng	99
35) Caprolactam	8.45	113	136469	51.41	ng	# 48
36) 4-Chloro-3-methylphenol	8.59	107	462315	45.39	ng	93
37) 2-Methylnaphthalene	8.73	142	986386	47.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	359483	35.61	ng	99
40) Hexachlorocyclopentadiene	8.88	237	278023	60.57	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	274771	43.81	nq	93
43) 2,4,5-Trichlorophenol	9.06	196	280206	43.27	nq	96
45) 1,1'-Biphenyl	9.20	154	1100675	38.58	nq	96
46) 2-Chloronaphthalene	9.22	162	794504	38.17	nq	# 85
47) 2-Nitroaniline	9.31	65	245422	39.26	nq	99
48) Acenaphthylene	9.63	152	1277086	40.49	nq	99
49) Dimethylphthalate	9.50	163	1151009	49.26	nq	# 92
50) 2,6-Dinitrotoluene	9.56	165	233589	45.44	nq	93
51) Acenaphthene	9.80	154	867726	41.08	nq	98
52) 3-Nitroaniline	9.72	138	126775	23.60	nq	94
53) 2,4-Dinitrophenol	9.84	184	71303	28.11	nq	# 83
54) Dibenzofuran	9.97	168	1131373	44.88	nq	98
55) 4-Nitrophenol	9.90	139	322667	81.77	nq	# 82
56) 2,4-Dinitrotoluene	9.96	165	297729	44.58	nq	95
57) Fluorene	10.32	166	861017	40.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	210087	42.91	nq	# 90
59) Diethylphthalate	10.20	149	975096	42.63	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	374034	38.99	nq	92
61) 4-Nitroaniline	10.34	138	219531	43.17	nq	91
62) Azobenzene	10.46	77	977045	44.63	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	92510m	26.00	nq	
65) n-Nitrosodiphenylamine	10.43	169	820737	46.47	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	263637	42.97	nq	# 91
67) Hexachlorobenzene	10.85	284	246408	36.92	nq	# 80
68) Atrazine	10.96	200	232424	43.92	nq	99
69) Pentachlorophenol	11.06	266	228458	70.86	nq	99
70) Phenanthrene	11.26	178	1395797	46.34	nq	97
71) Anthracene	11.32	178	1322444	43.18	nq	100
72) Carbazole	11.48	167	1116478	42.30	nq	98
73) Di-n-butylphthalate	11.81	149	1310582	40.83	nq	# 96
74) Fluoranthene	12.45	202	1282348	43.06	nq	96
76) Benzidine	12.58	184	219052	18.29	nq	99
77) Pyrene	12.68	202	1287287	54.19	nq	100
79) Butylbenzylphthalate	13.31	149	514761	50.73	nq	# 90
80) Benzo(a)anthracene	13.86	228	876812	44.66	nq	98
81) 3,3'-Dichlorobenzidine	13.84	252	159836	23.14	nq	# 98
82) Chrysene	13.91	228	866672	44.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	641256	48.72	nq	# 98
84) Di-n-octyl phthalate	14.48	149	1006743	48.41	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.58	276	830528	48.55	nq	99
87) Benzo(b)fluoranthene	14.88	252	913335m	40.47	nq	
88) Benzo(k)fluoranthene	14.90	252	654477m	35.11	nq	
89) Benzo(a)pyrene	15.21	252	755906	38.72	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	696669	39.60	nq	# 94
91) Benzo(g,h,i)perylene	16.97	276	710778	40.02	nq	99

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

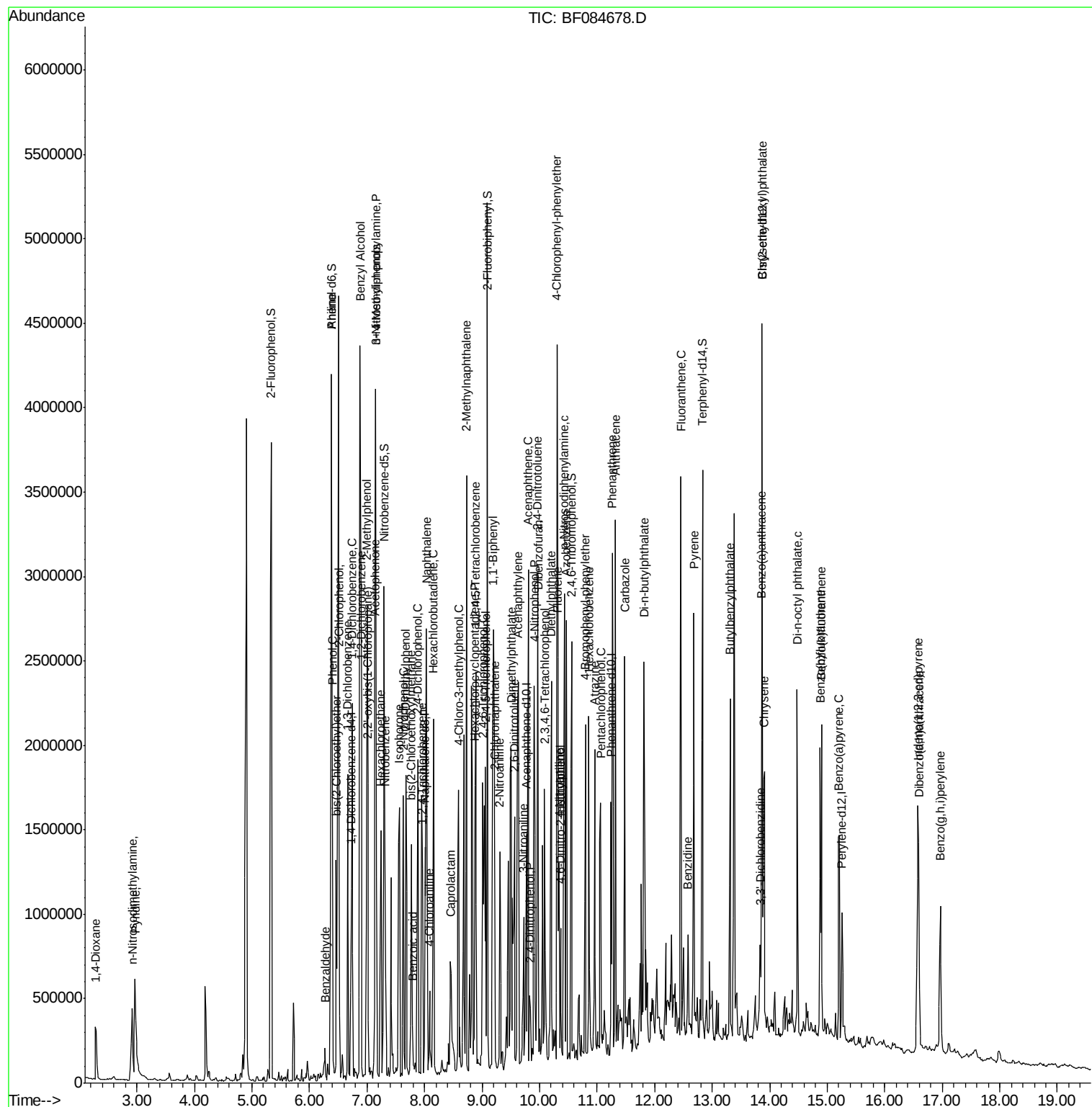
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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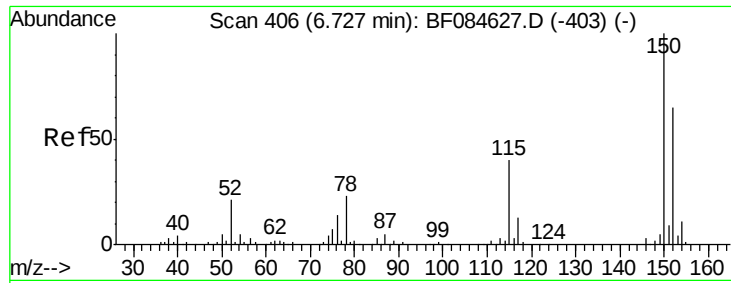
Instrument :
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ClientSampleId :
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#1

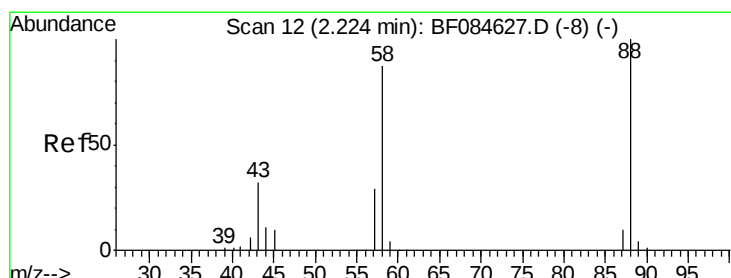
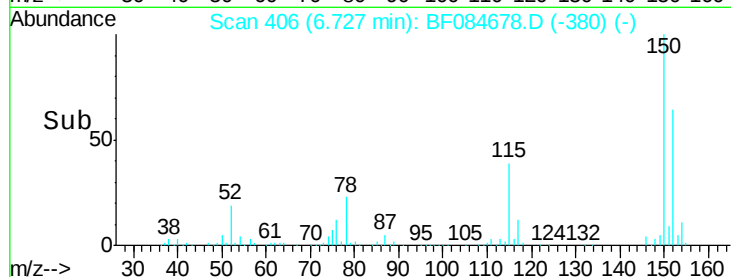
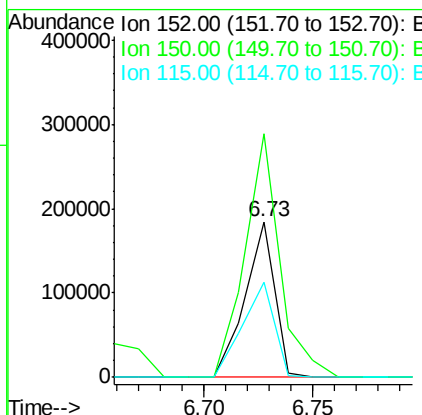
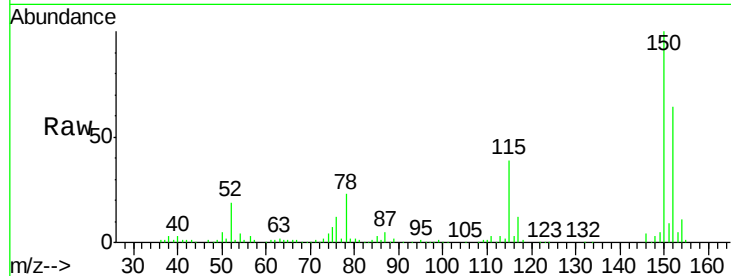
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.0	184.4
115	61.5	51.4	77.2

Manual Integrations
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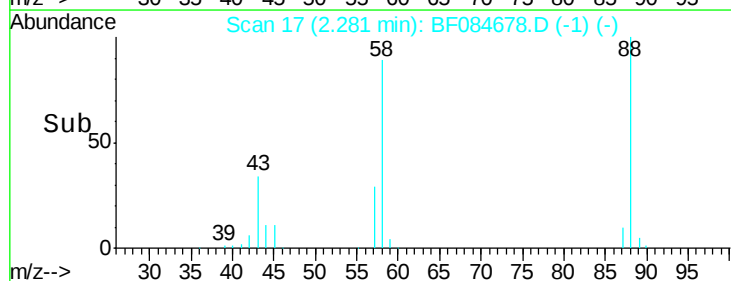
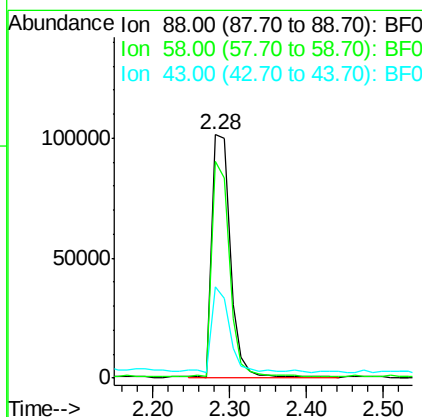
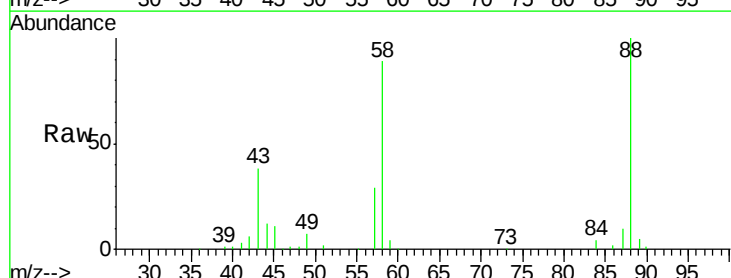
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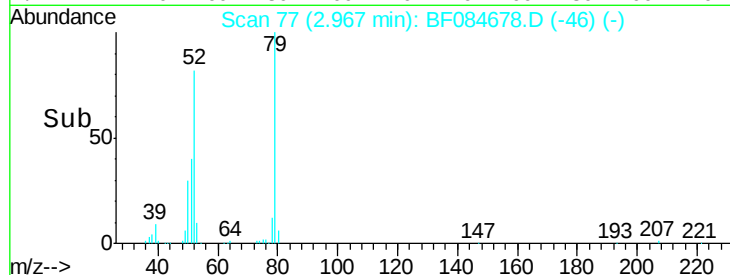
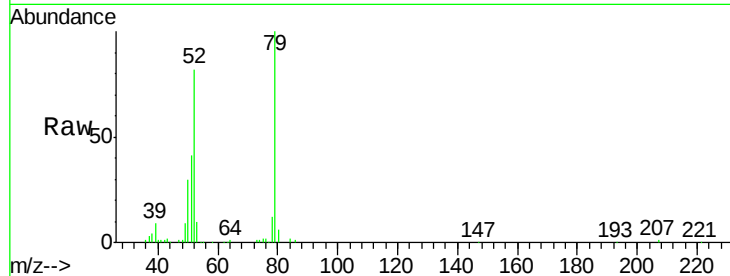
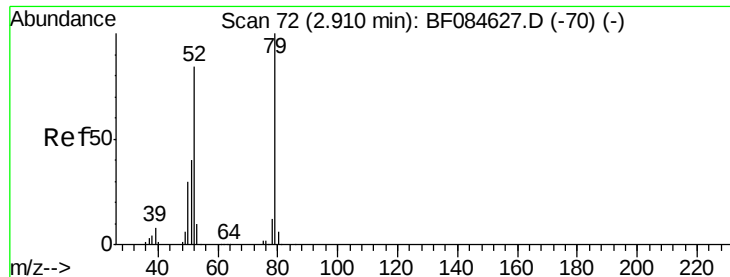


#2

1,4-Dioxane
Concen: 31.31 ng
RT: 2.28 min Scan# 17
Delta R.T. 0.06 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	51.2	76.8#
43	33.2	19.5	29.3#





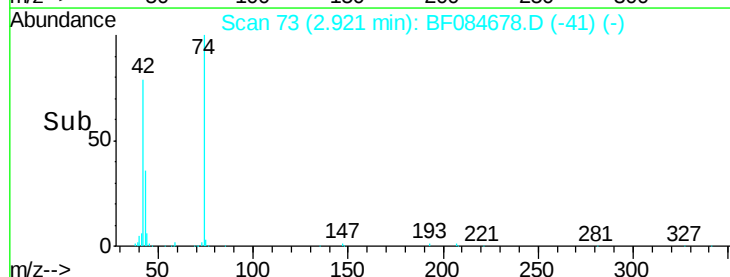
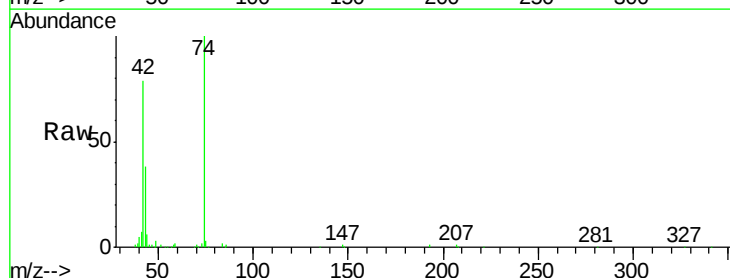
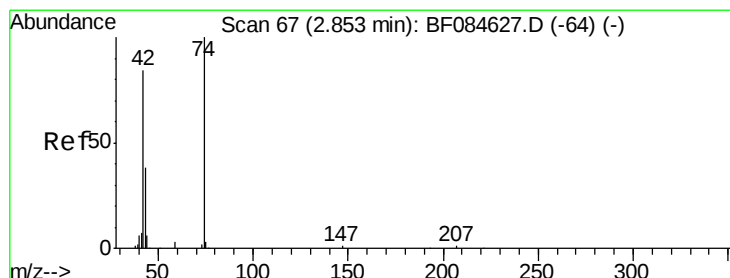
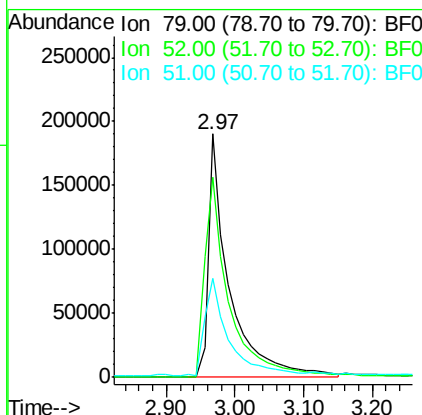
#3
 Pvridine
 Concen: 28.39 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.06 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.2	49.0	73.4#
51	40.9	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

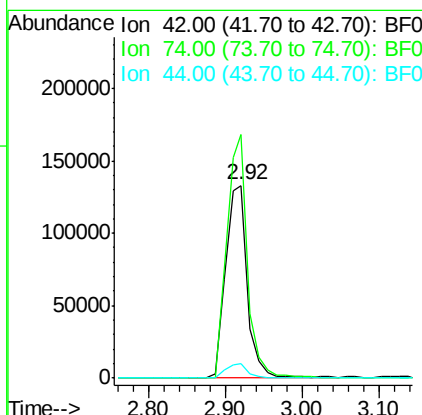
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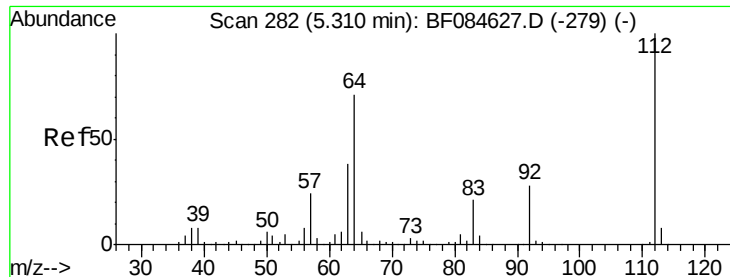
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#4
 n-Nitrosodimethylamine
 Concen: 38.59 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.07 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.1	115.7	173.5
44	7.7	5.1	7.7#





#5

2-Fluorophenol

Concen: 117.76 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

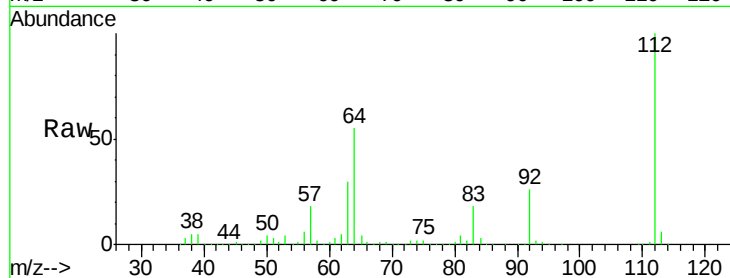
SUP-B015(6-9)MS

Tot Ion:112 Resp: 1351874

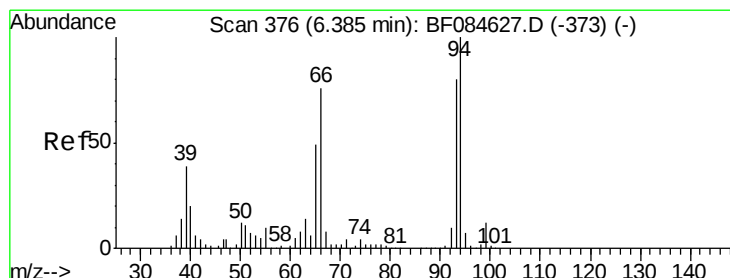
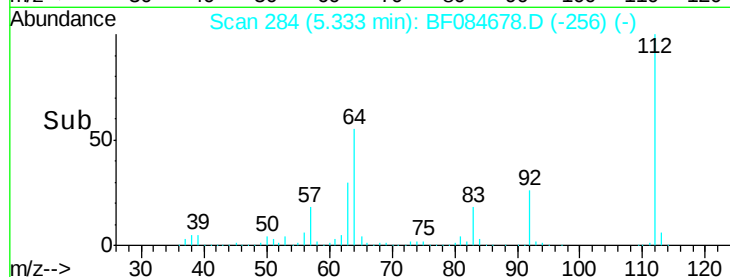
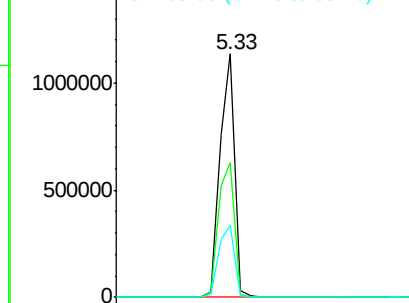
Ion	Ratio	Lower	Upper
112	100		
64	55.3	36.6	55.0#
63	29.5	19.4	29.0#

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



#6

Aniline

Concen: 16.33 ng

RT: 6.38 min Scan# 376

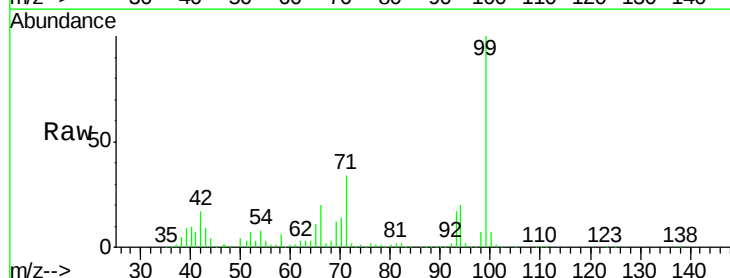
Delta R.T. -0.00 min

Lab File: BF084678.D

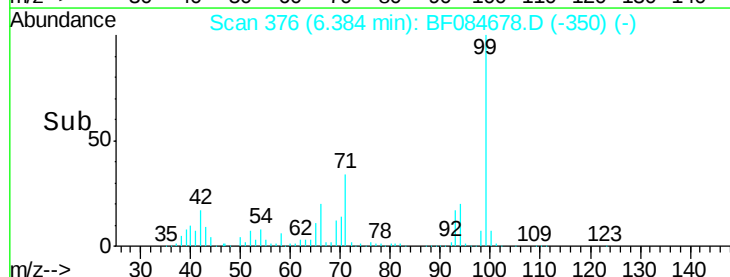
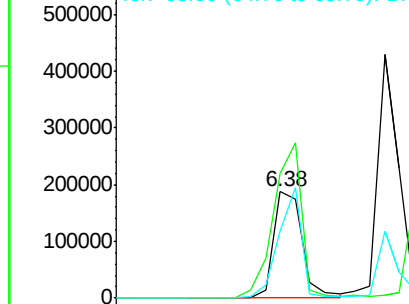
Acq: 30 Jan 2016 11:36

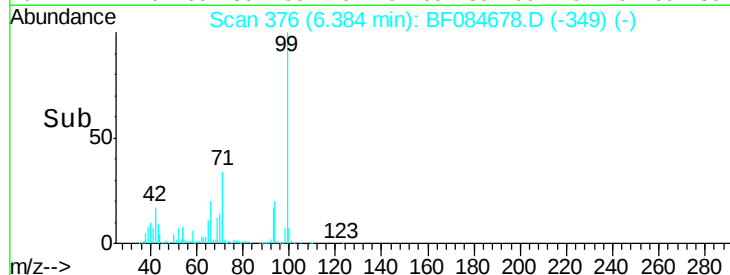
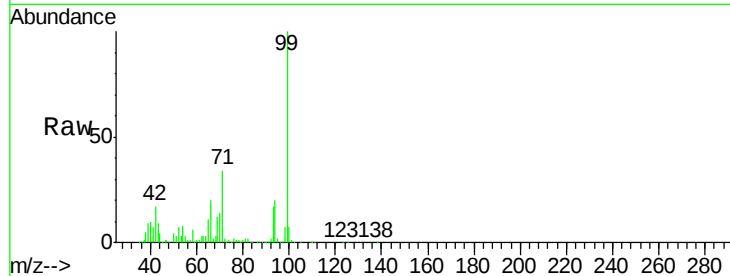
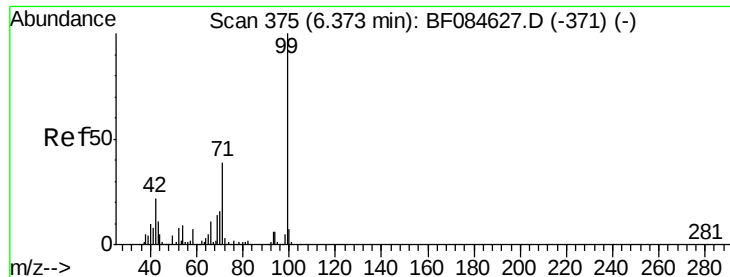
Tgt Ion: 93 Resp: 288362

Ion	Ratio	Lower	Upper
93	100		
66	117.4	44.9	67.3#
65	62.6	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 121.29 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084678.D

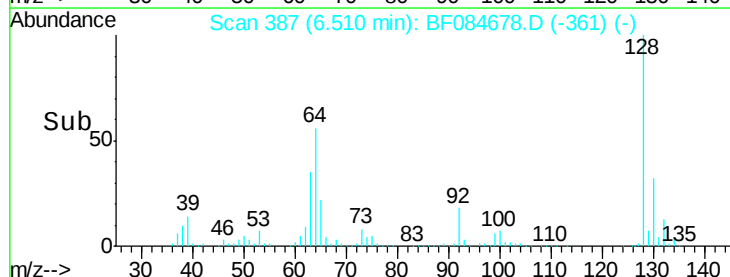
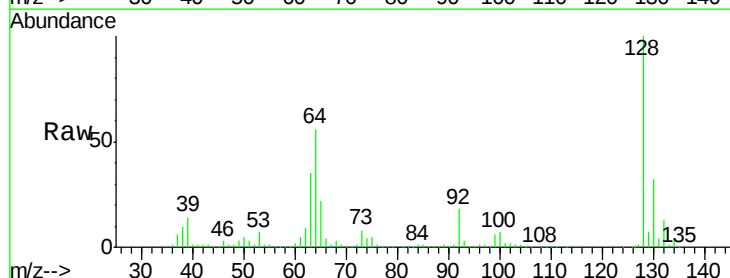
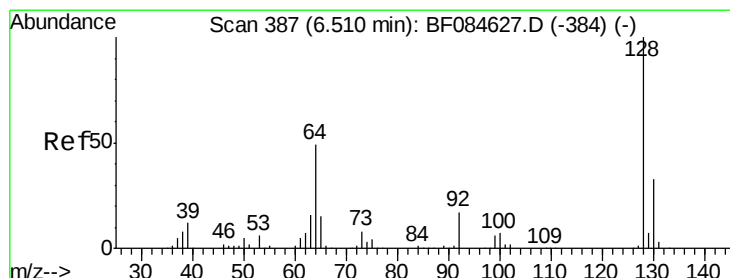
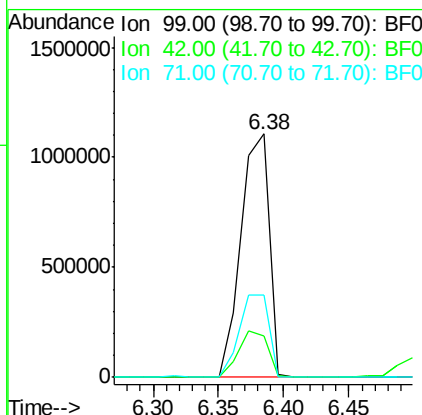
Acq: 30 Jan 2016 11:36

Tot Ion:	99	Resp:	1668811
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.8	19.2
71	33.7	30.9	46.3

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#8

2-Chlorophenol

Concen: 37.55 ng

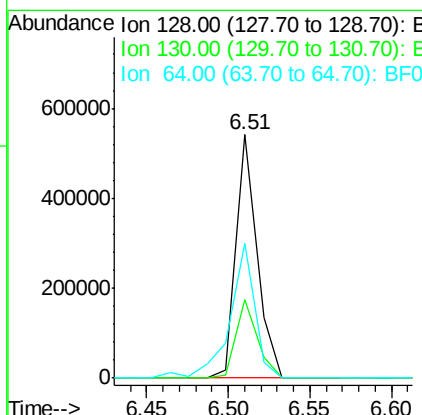
RT: 6.51 min Scan# 387

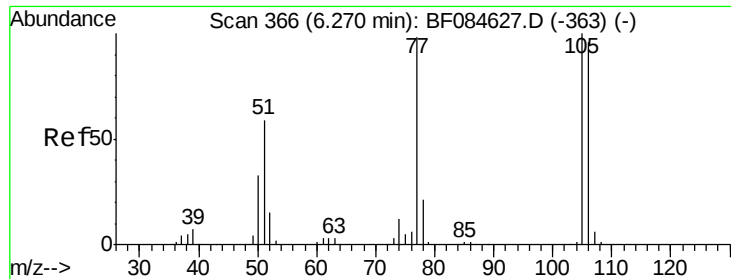
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	128	Resp:	478107
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.6	51.6
64	55.6	23.8	63.8





#9

Benzaldehyde

Concen: 4.65 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

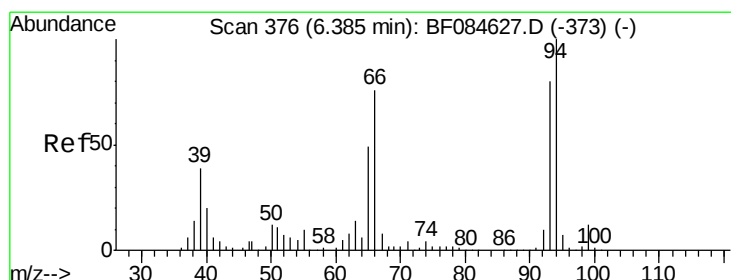
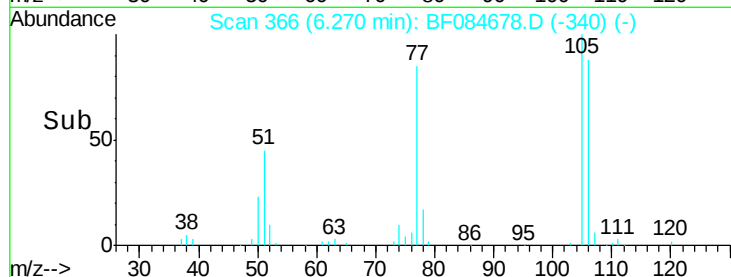
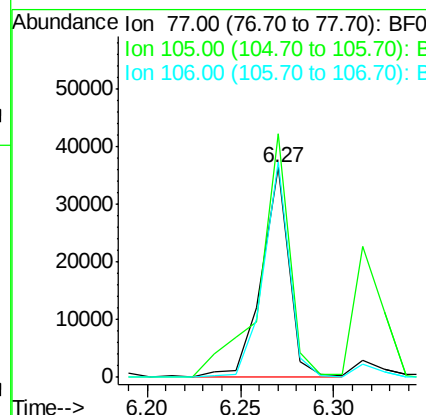
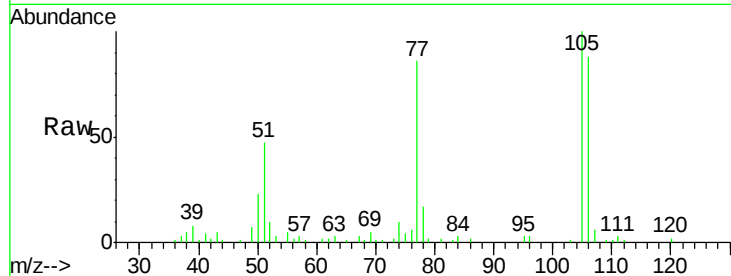
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	77	Resp:	37059
Ion	Ratio	Lower	Upper
77	100		
105	116.1	83.0	123.0
106	102.6	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 40.81 ng

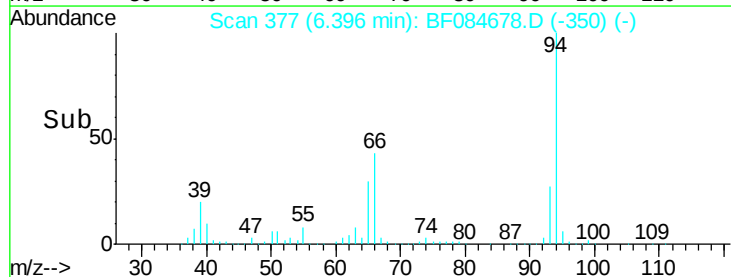
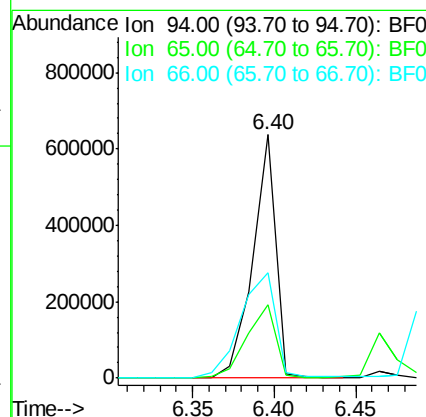
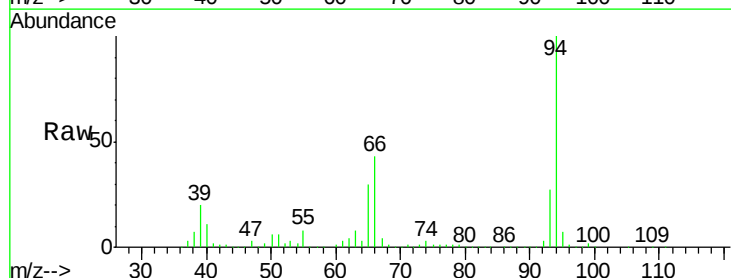
RT: 6.40 min Scan# 377

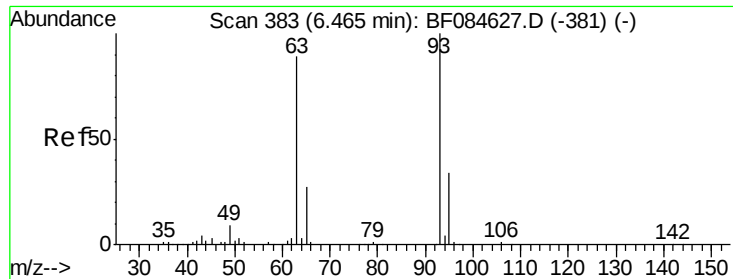
Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	94	Resp:	625734
Ion	Ratio	Lower	Upper
94	100		
65	30.4	12.9	52.9
66	43.1	32.7	72.7





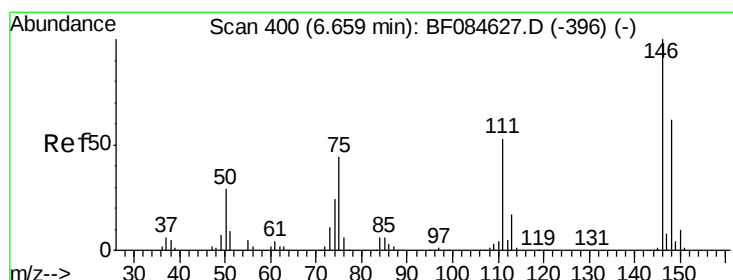
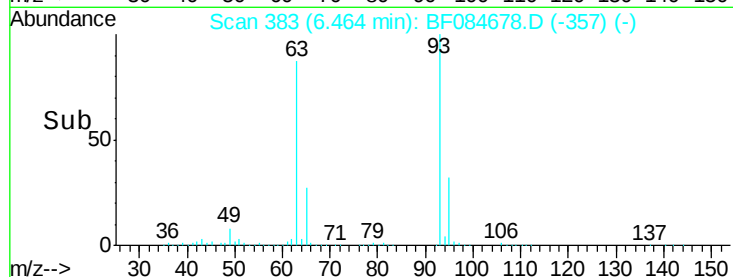
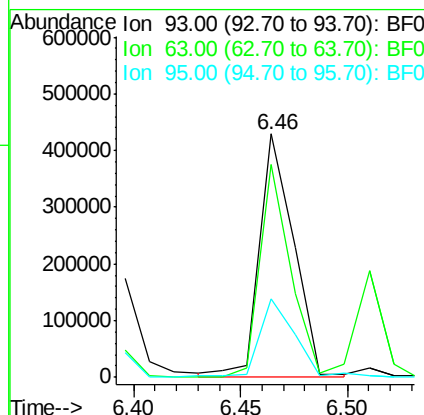
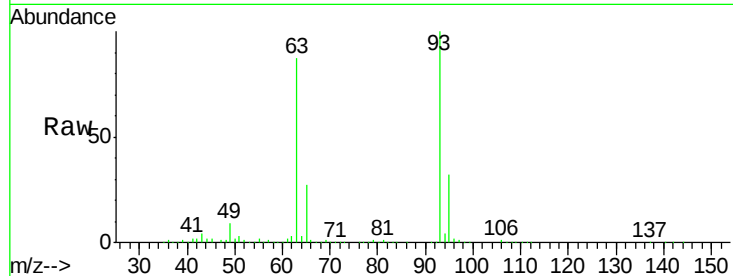
#11
bis(2-Chloroethyl)ether
Concen: 40.42 ng/ml
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	45.9	85.9#
95	32.4	12.3	52.3

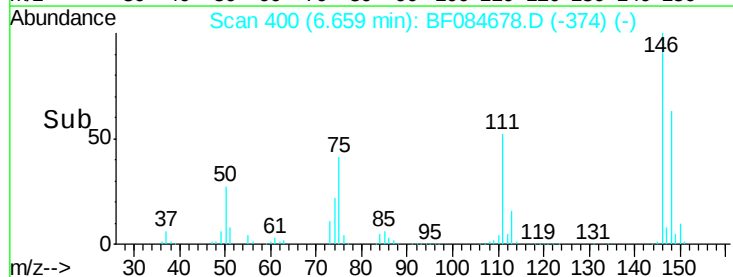
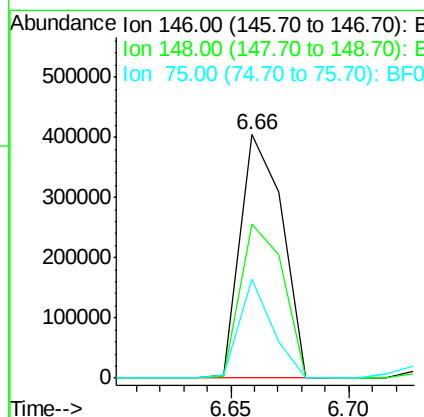
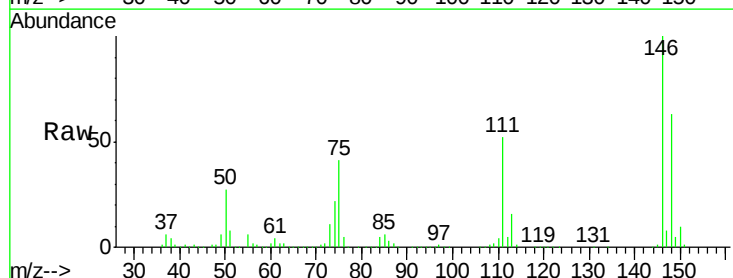
Manual Integrations
APPROVED

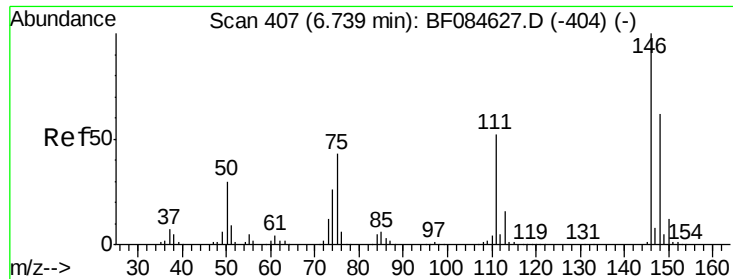
mohammad
2/1/2016 2:25:53 PM



#12
1,3-Dichlorobenzene
Concen: 36.26 ng/ml
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	40.7	20.5	30.7#





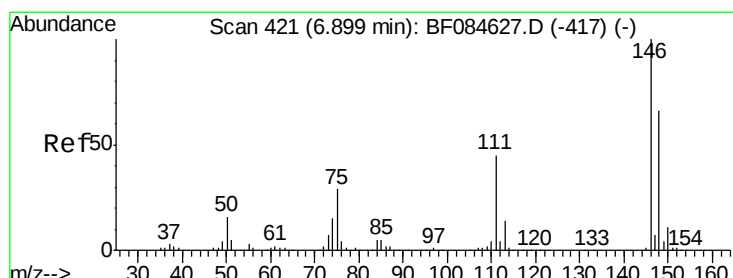
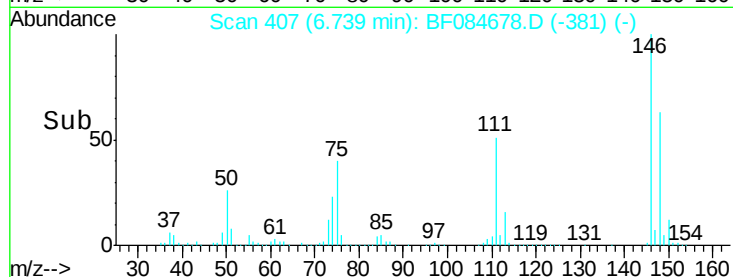
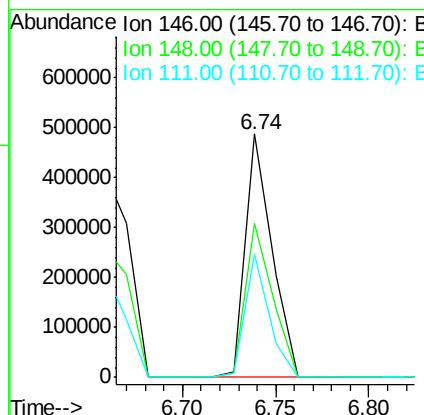
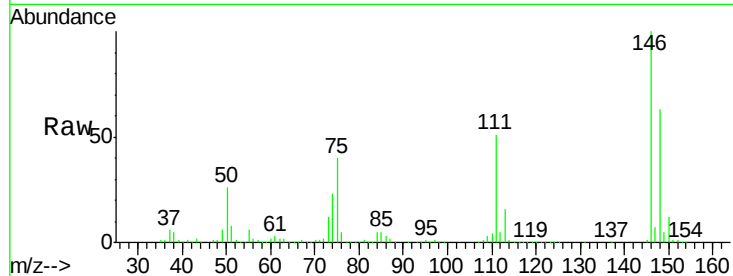
#13
1,4-Dichlorobenzene
Concen: 36.06 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	50.8	41.6	62.4

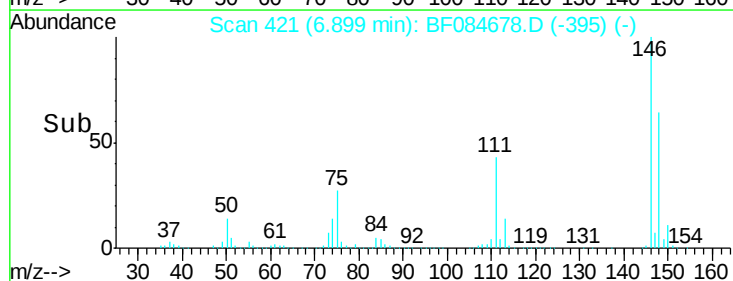
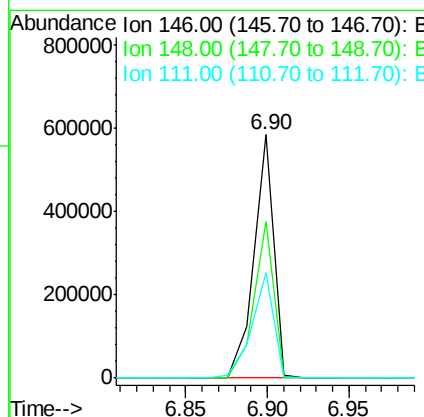
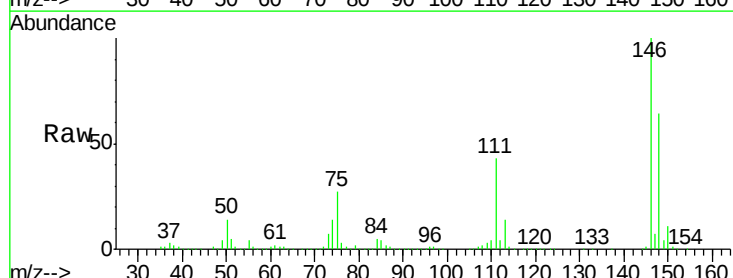
Manual Integrations
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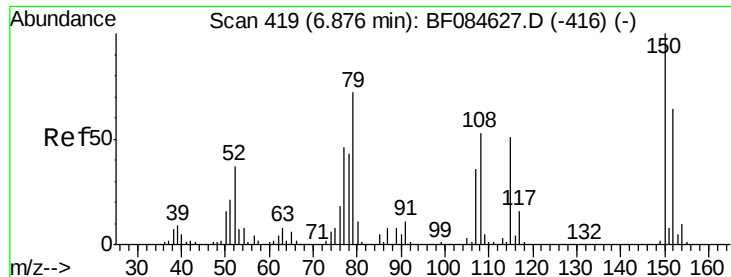
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.95 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	43.2	38.0	57.0





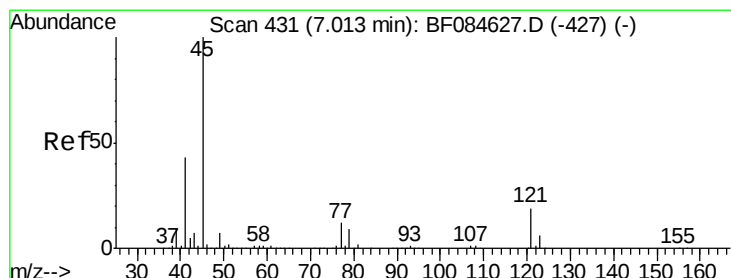
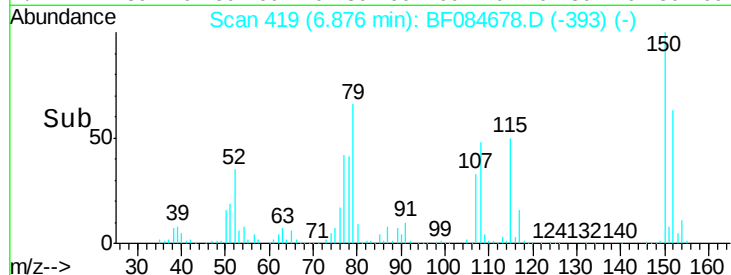
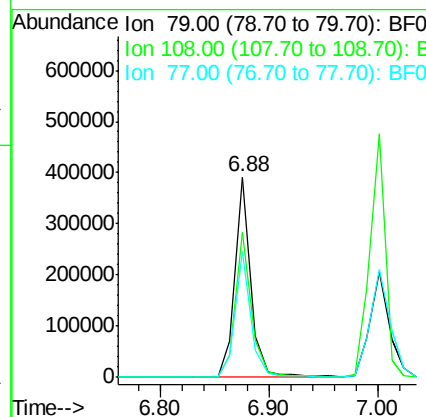
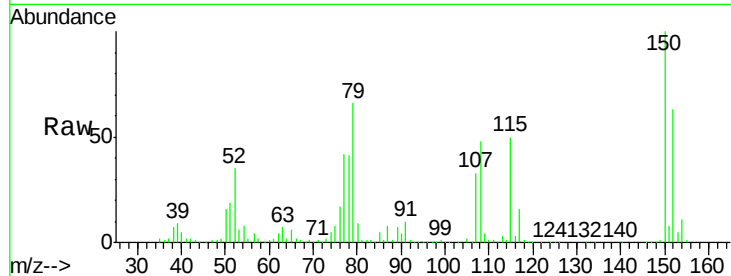
#15
Benzyl Alcohol
Concen: 42.24 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.7	69.0	103.4	
77	63.2	50.0	75.0	

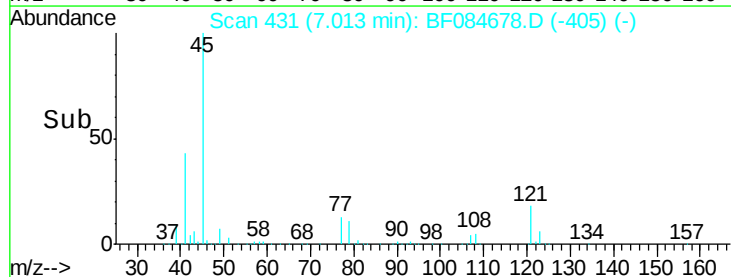
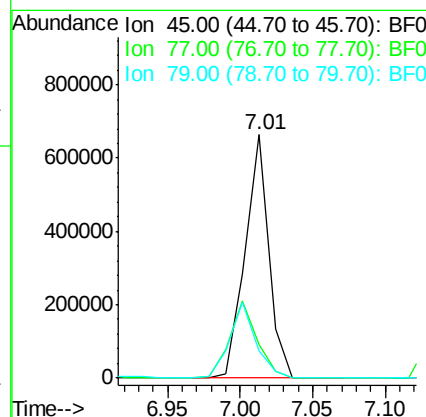
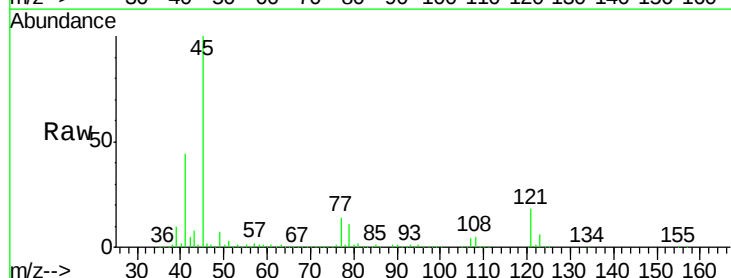
Manual Integrations
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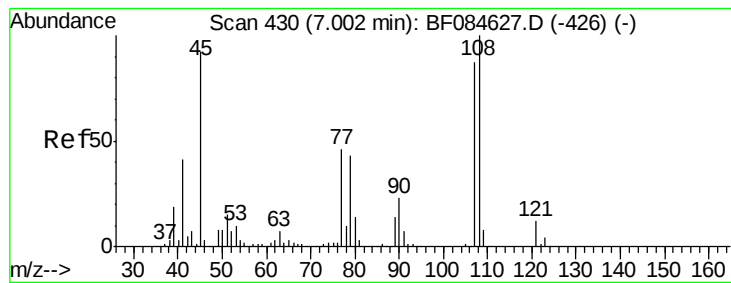
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.73 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

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





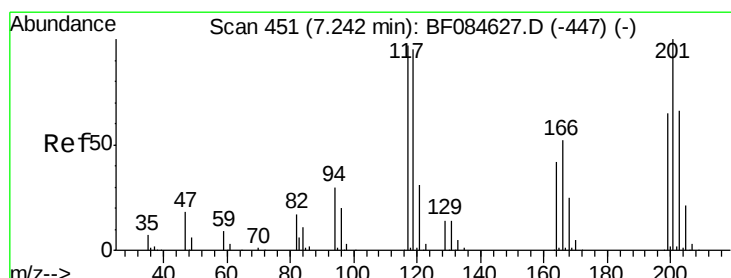
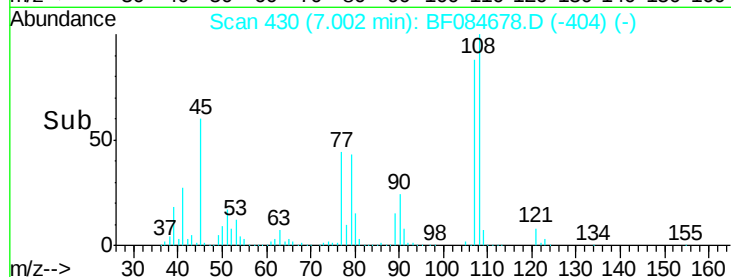
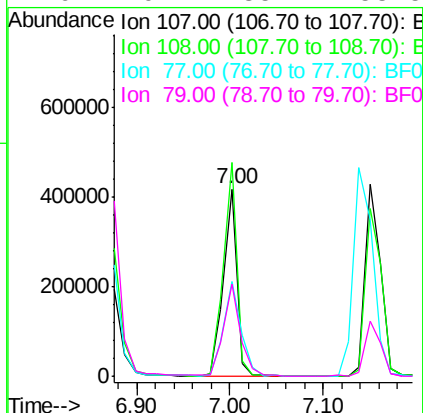
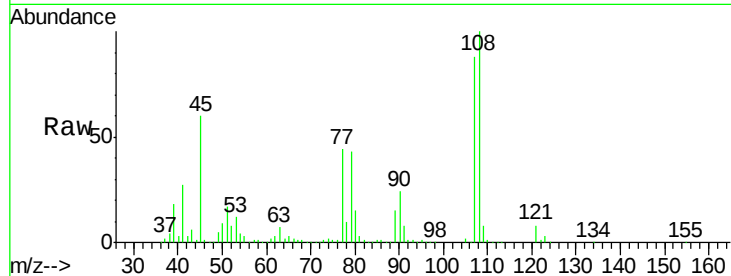
#17
2-Methylphenol
Concen: 42.25 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		417047		
108	114.0	89.8	134.6		
77	50.7	35.7	53.5		
79	49.2	35.7	53.5		

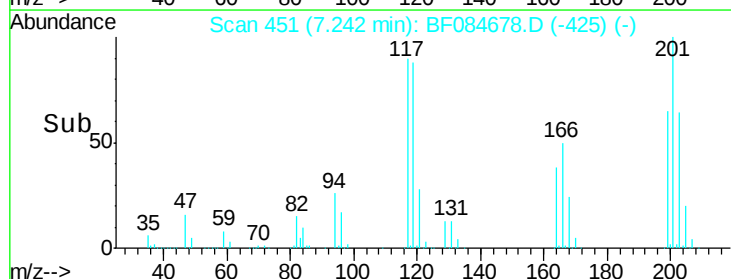
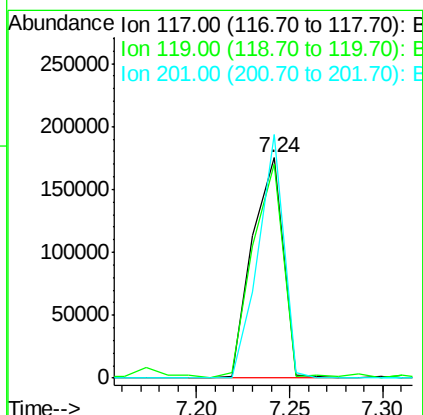
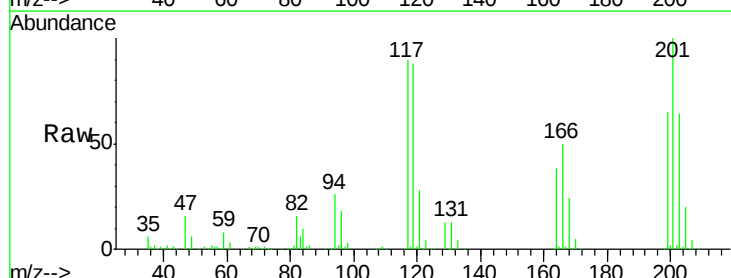
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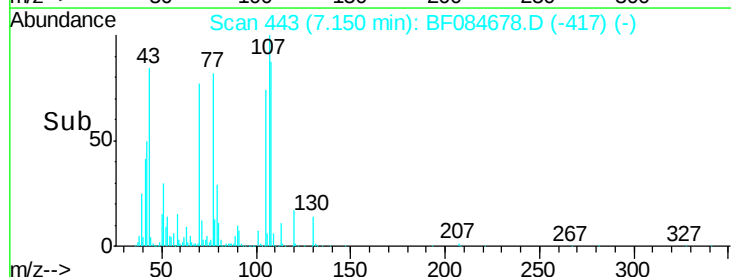
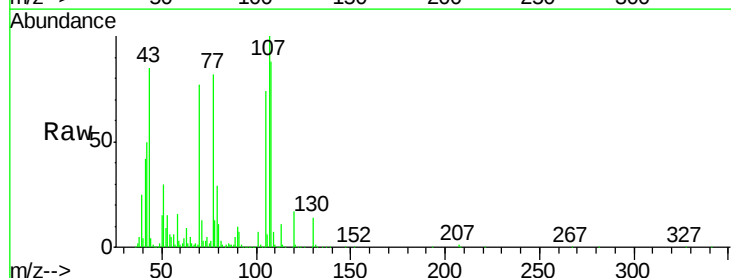
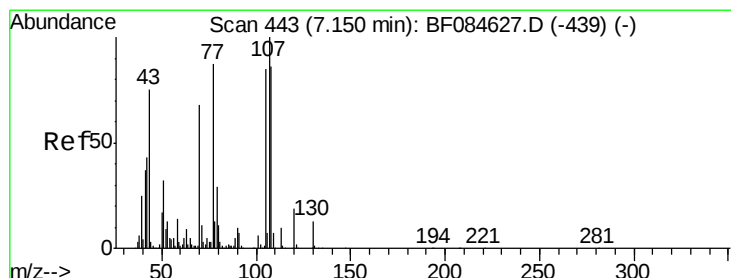
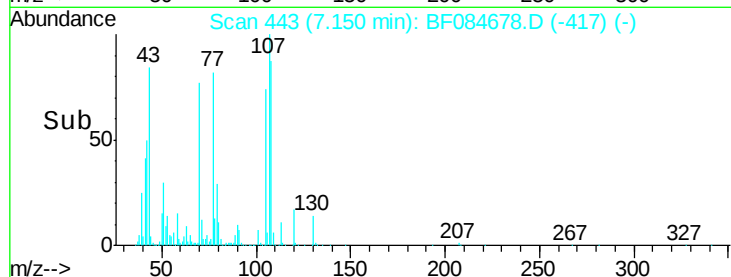
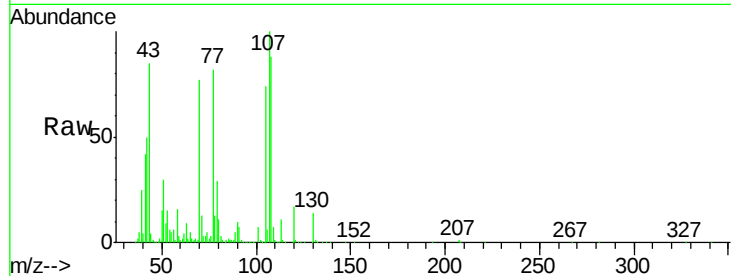
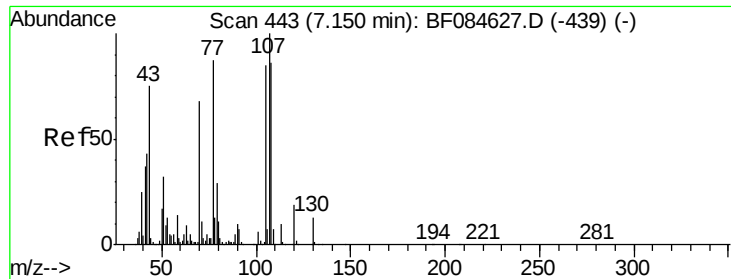
mohammad
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#18
Hexachloroethane
Concen: 38.48 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		201551		
119	97.3	77.4	116.0		
201	110.6	68.6	103.0#		





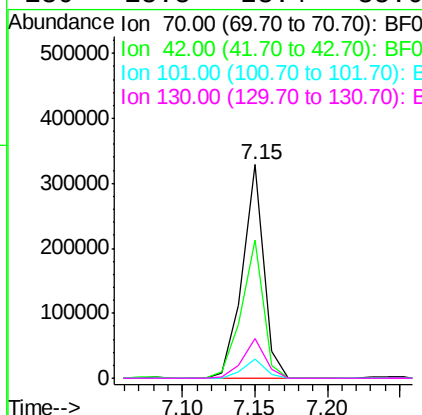
#19
n-Nitroso-di-n-propylamine
Concen: 40.23 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	33.3	49.9#
101	9.3	9.3	13.9
130	18.8	23.4	35.0#

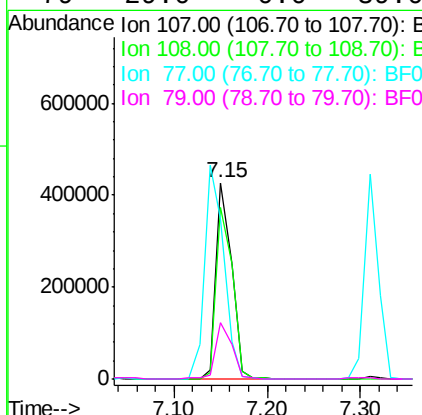
Manual Integrations
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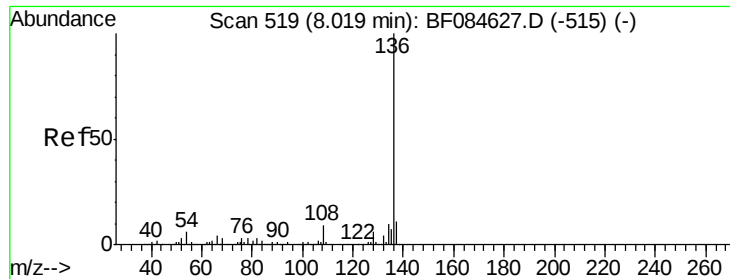
mohammad
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#20
3+4-Methylphenols
Concen: 41.23 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.6	114.6
77	81.7	0.7	40.7#
79	29.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

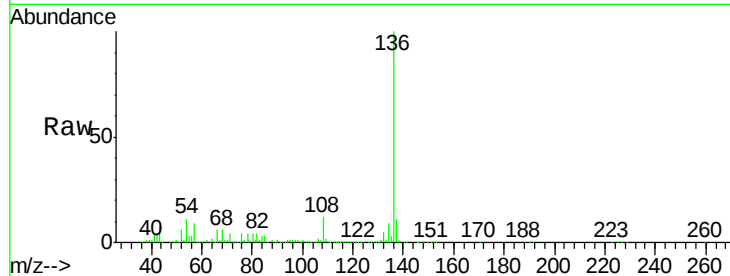
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		667319		
137	11.3	8.7	13.1		
54	11.0	5.8	8.8#		
68	5.9	4.2	6.2		

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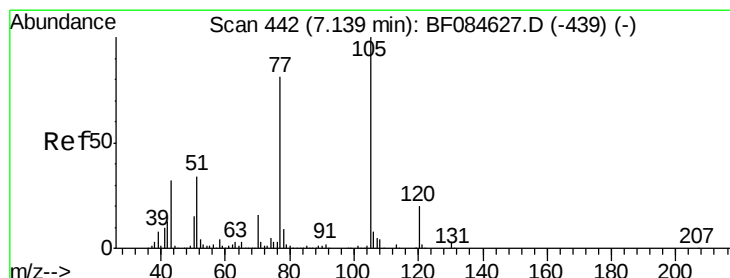
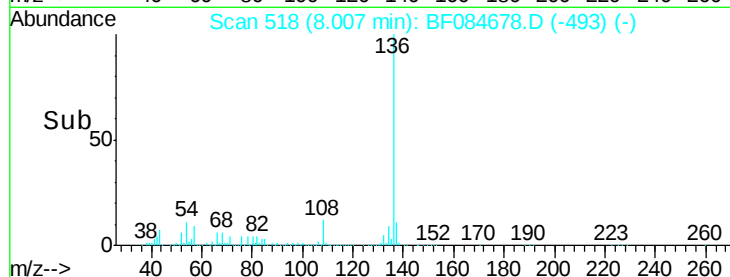
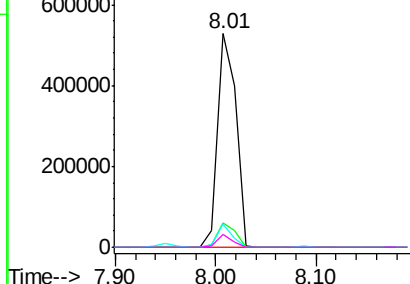


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.16 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

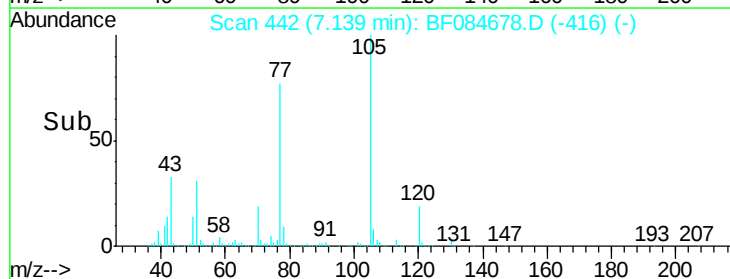
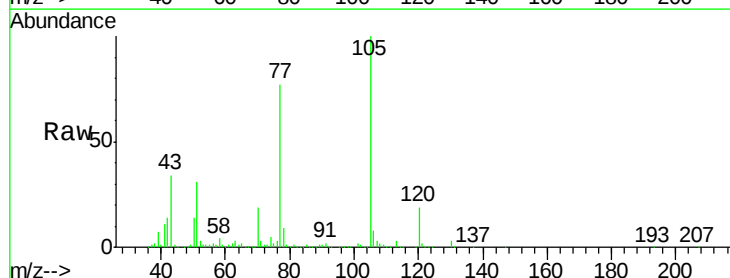
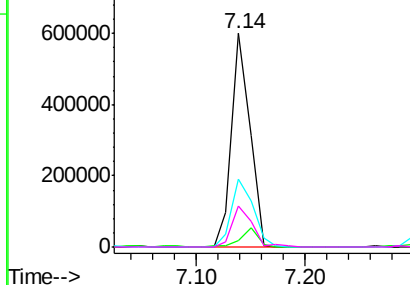
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		699897		
71	3.2	3.7	5.5#		
51	31.5	25.1	37.7		
120	19.3	16.6	25.0		

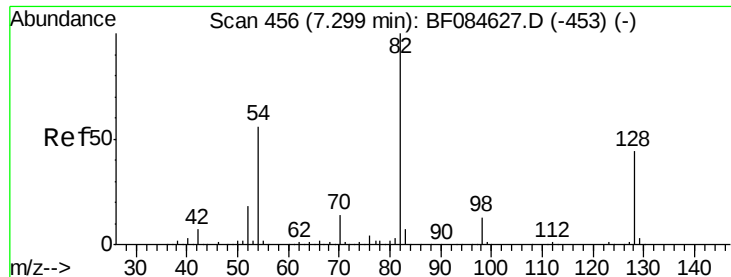
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





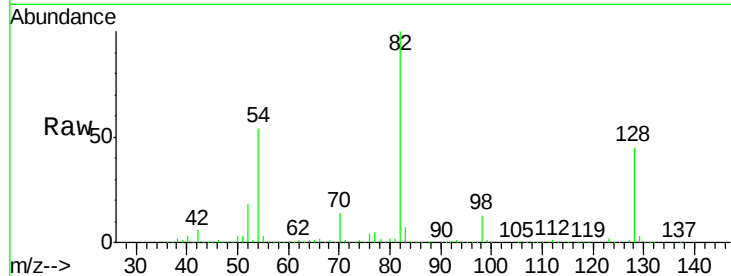
#23
Nitrobenzene-d5
Concen: 89.63 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

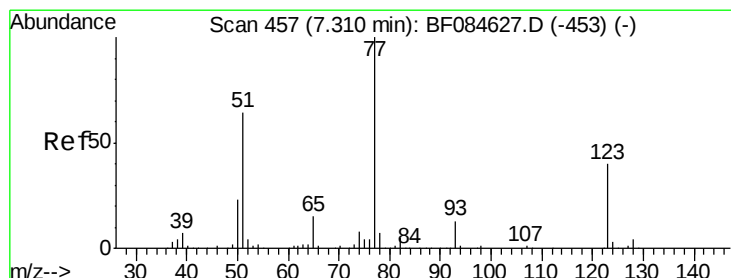
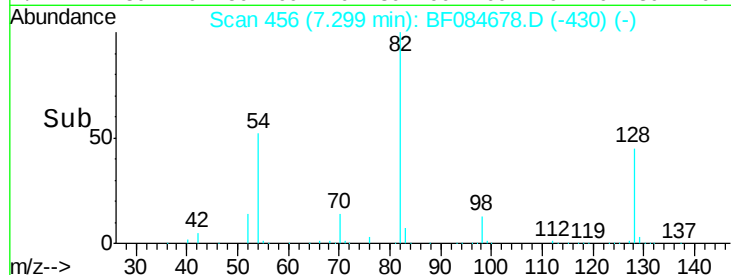
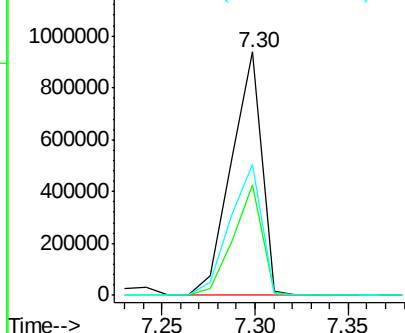
Tot Ion: 82 Resp: 1070209
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 54.0 38.4 57.6

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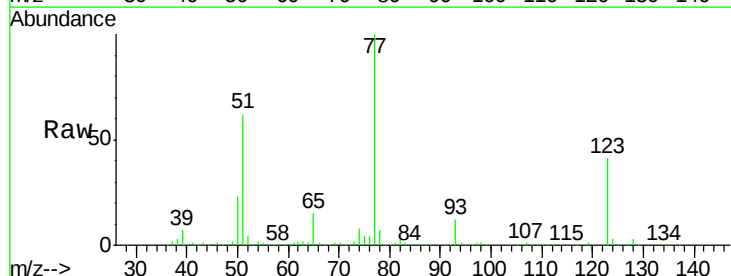


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

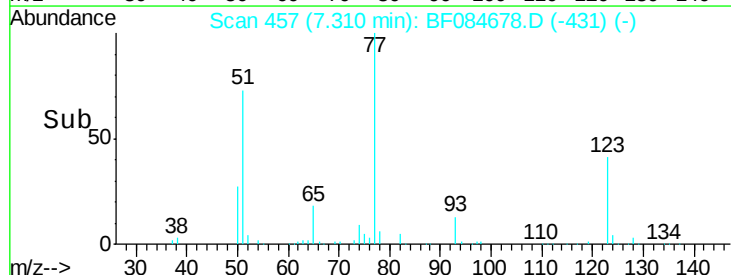
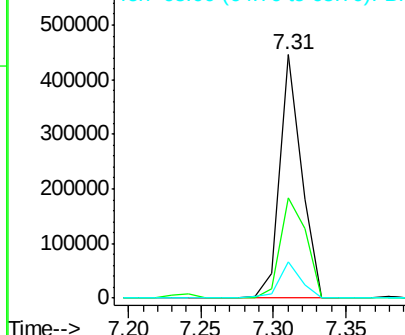


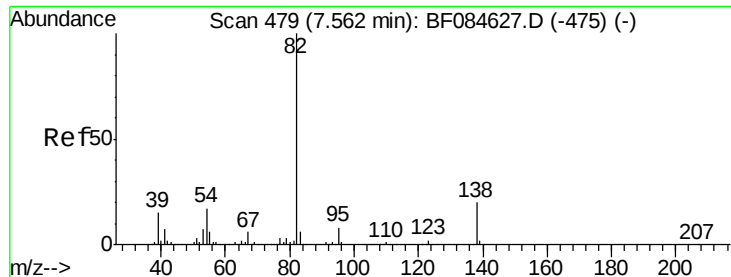
#24
Nitrobenzene
Concen: 36.56 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion: 77 Resp: 464019
Ion Ratio Lower Upper
77 100
123 41.0 37.4 56.2
65 15.0 10.9 16.3



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





#25

Isophorone

Concen: 42.39 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

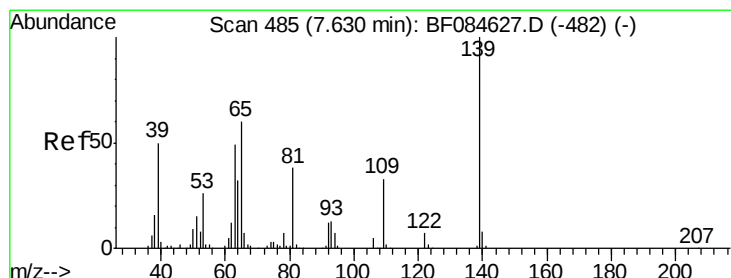
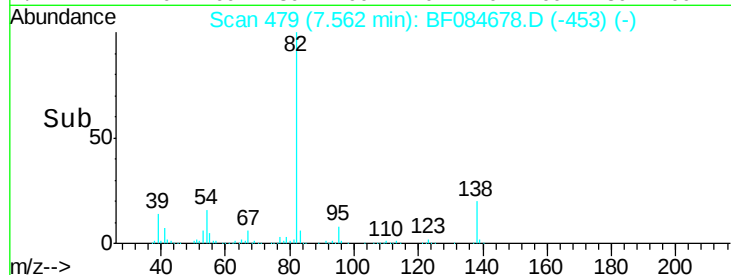
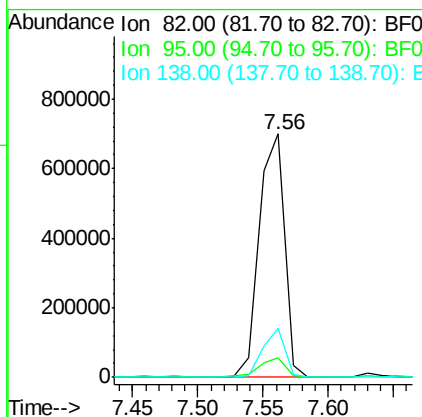
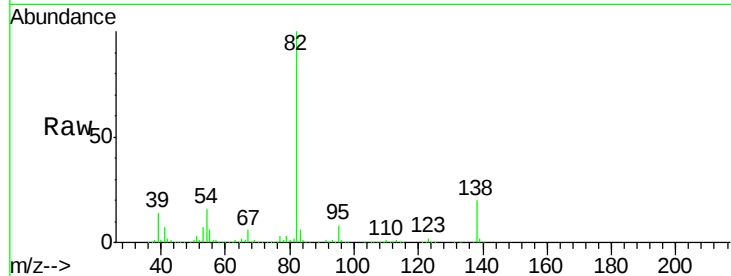
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	82	Resp:	948193
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	20.3	13.6	20.4

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#26

2-Nitrophenol

Concen: 42.46 ng

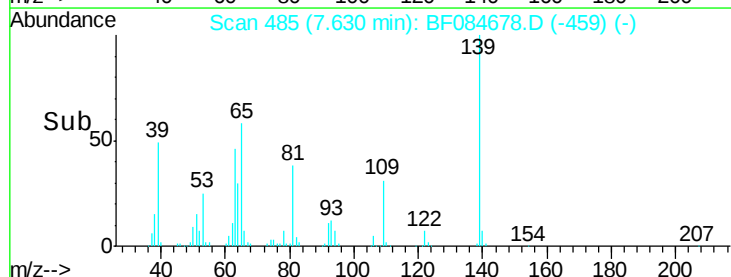
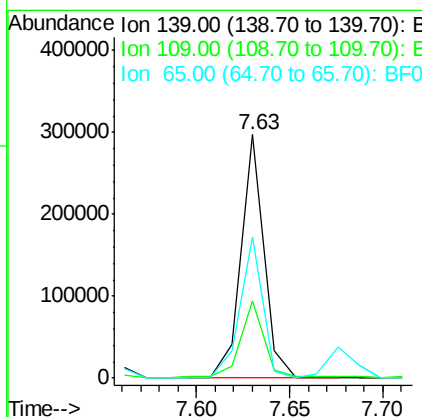
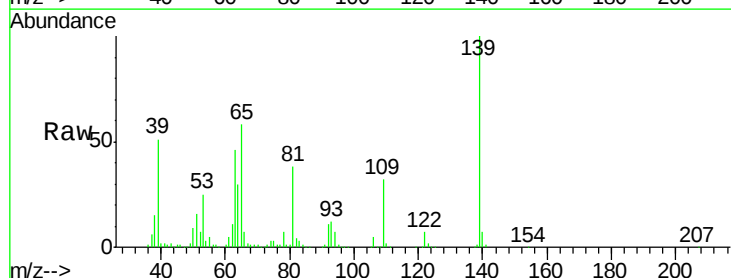
RT: 7.63 min Scan# 485

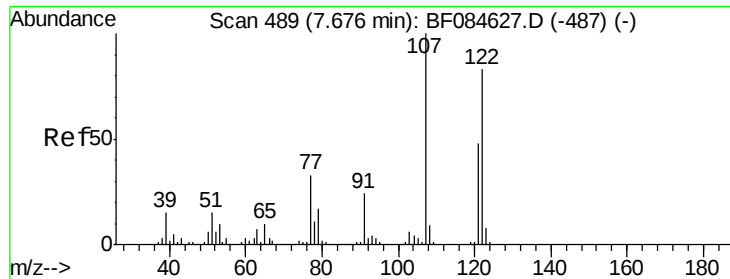
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	139	Resp:	256267
Ion Ratio	Lower	Upper	
139	100		
109	31.8	25.4	38.2
65	57.9	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

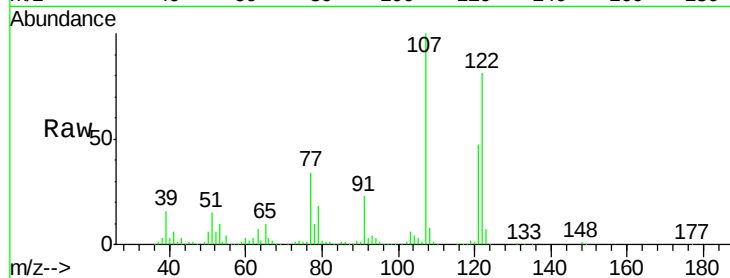
ClientSampleId :

SUP-B015(6-9)MS

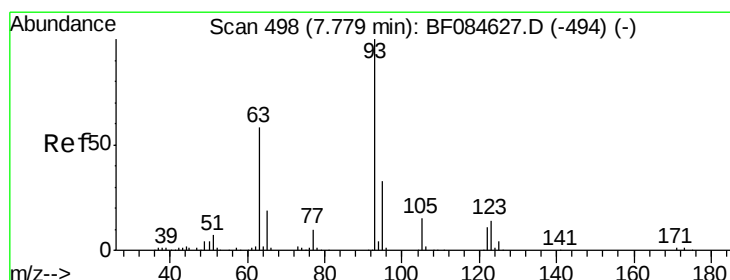
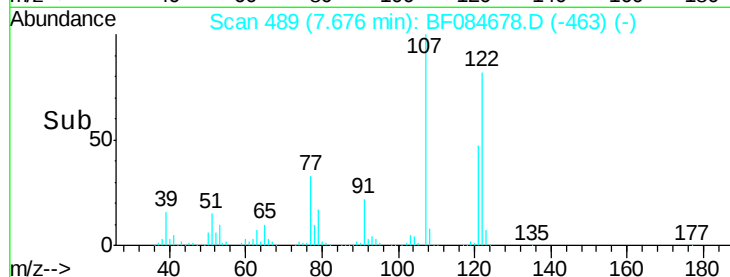
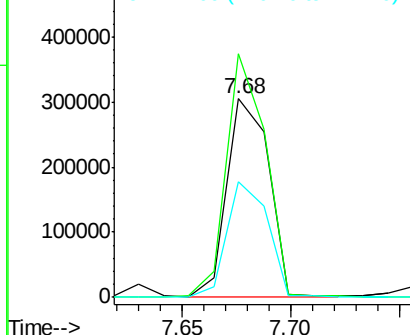
Tot Ion:	122	Resp:	409246
Ion Ratio	Lower	Upper	
122	100		
107	122.7	99.1	148.7
121	58.1	47.9	71.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 42.38 ng

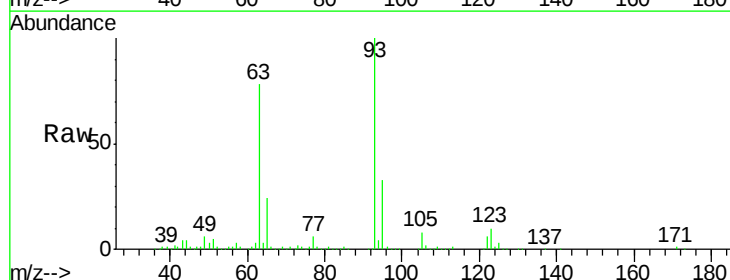
RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

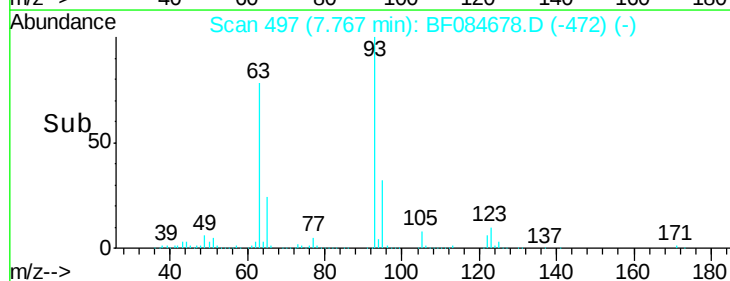
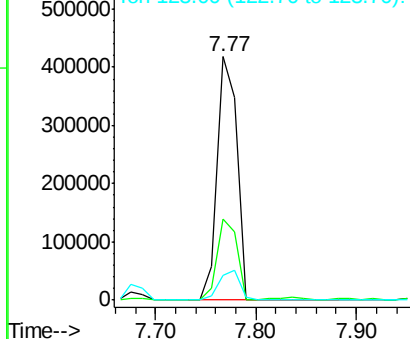
Lab File: BF084678.D

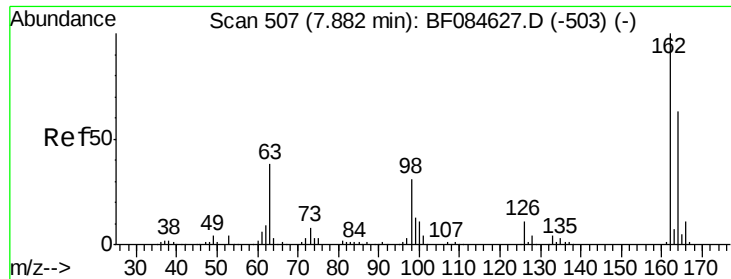
Acq: 30 Jan 2016 11:36

Tgt Ion:	93	Resp:	568951
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.8	38.6
123	10.3	8.6	12.8



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





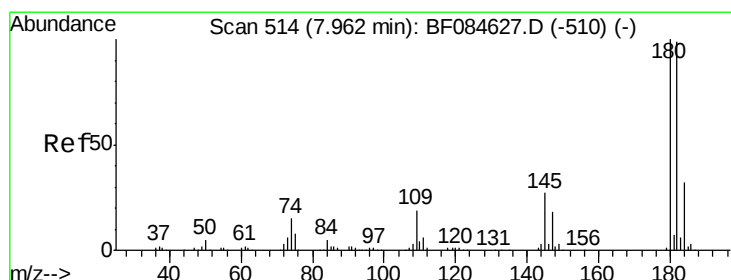
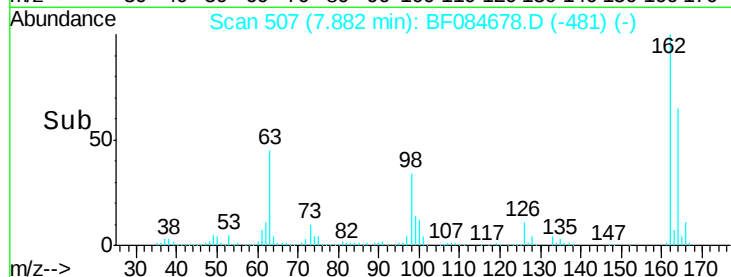
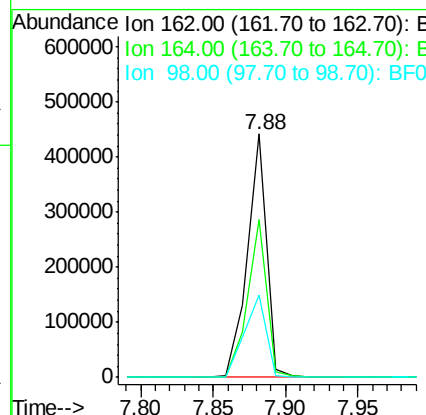
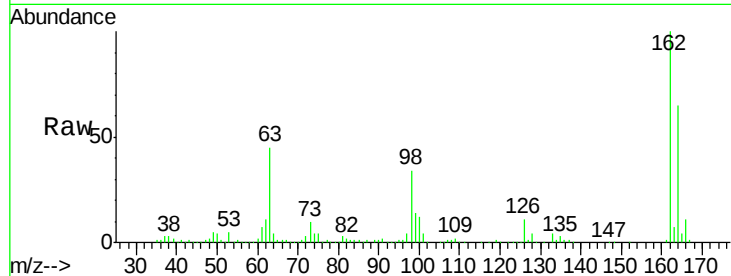
#29
 2,4-Dichlorophenol
 Concen: 44.27 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	44.1	84.1
98	33.8	20.2	60.2

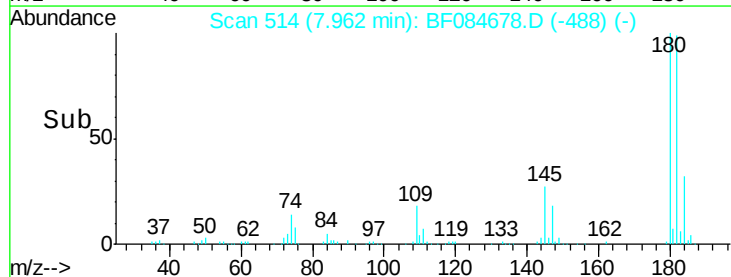
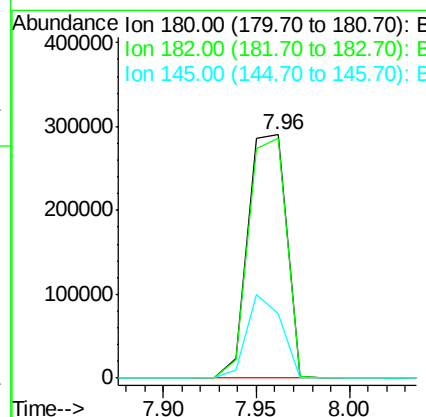
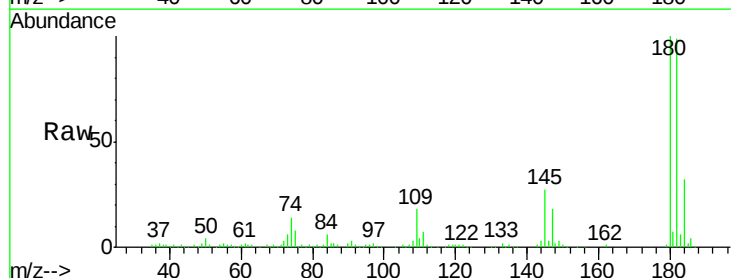
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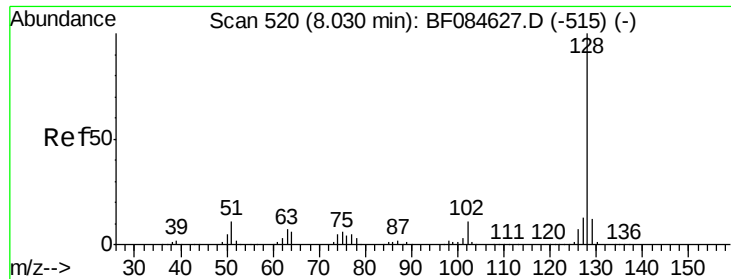
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.96 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.6	76.4	114.6
145	26.5	31.6	47.4





#31

Naphthalene

Concen: 40.17 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:128 Resp: 1353190

Ion Ratio Lower Upper

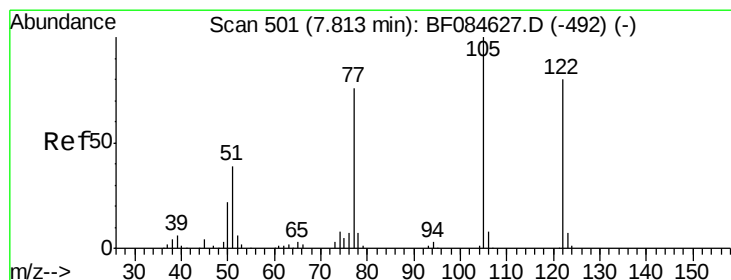
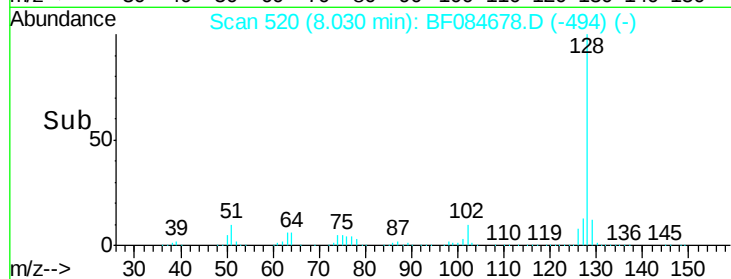
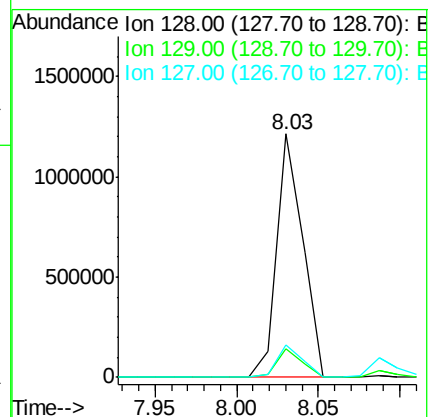
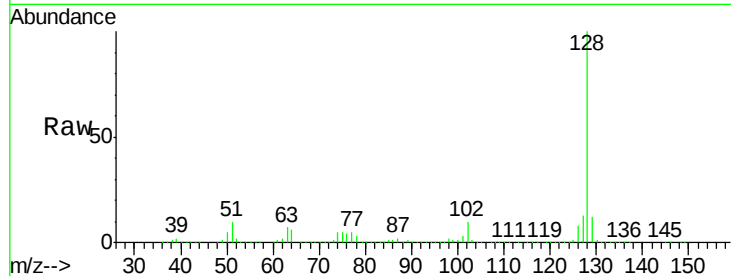
128 100

129 11.8 9.1 13.7

127 13.5 11.1 16.7

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#32

Benzoic acid

Concen: 14.14 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

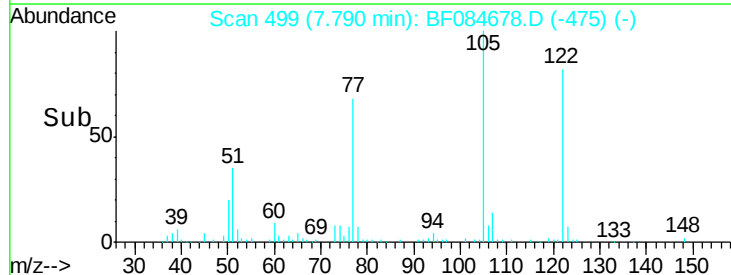
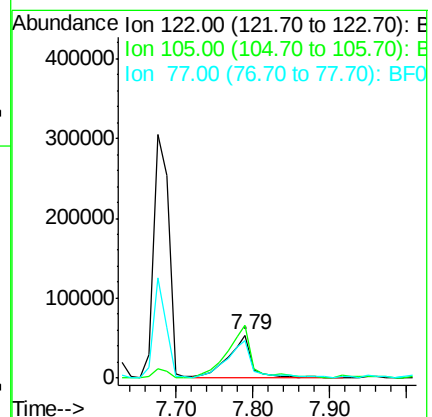
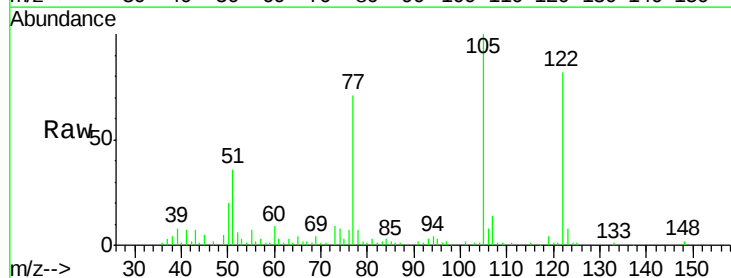
Tgt Ion:122 Resp: 114786

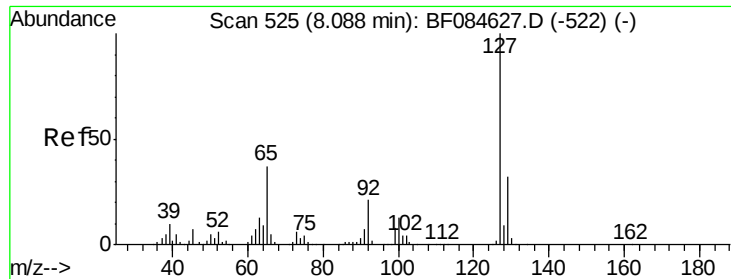
Ion Ratio Lower Upper

122 100

105 122.2 100.3 140.3

77 86.3 63.5 103.5





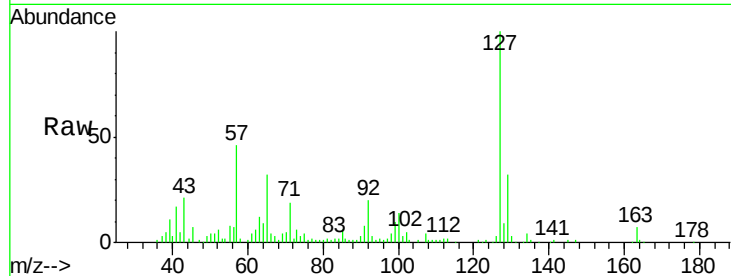
#33
4-Chloroaniline
Concen: 9.52 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.5	39.7		
65	32.4	27.2	40.8		
92	20.4	17.7	26.5		

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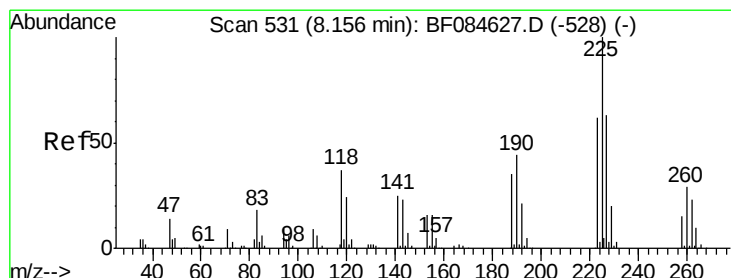
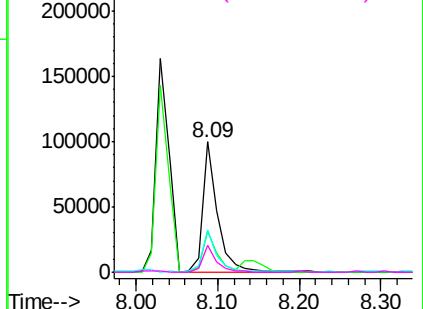
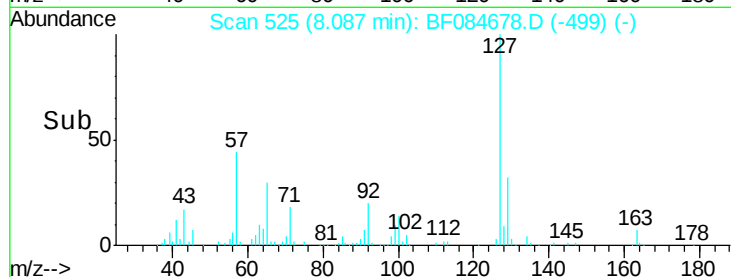
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

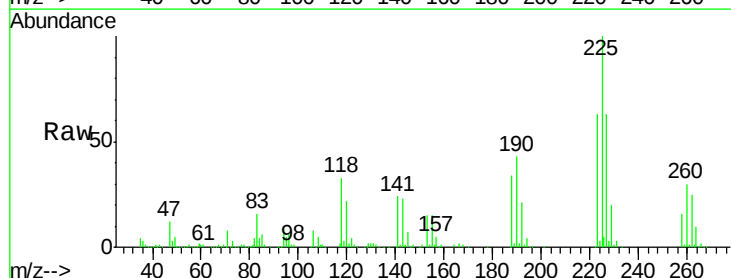
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 39.67 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.0		
227	63.0	50.8	76.2		

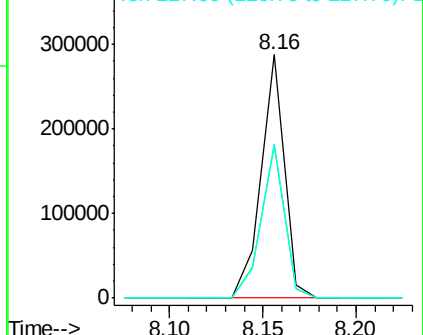
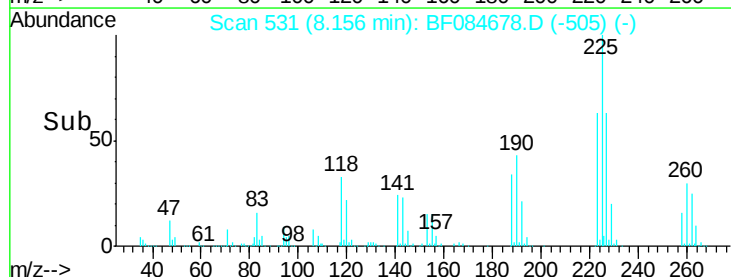


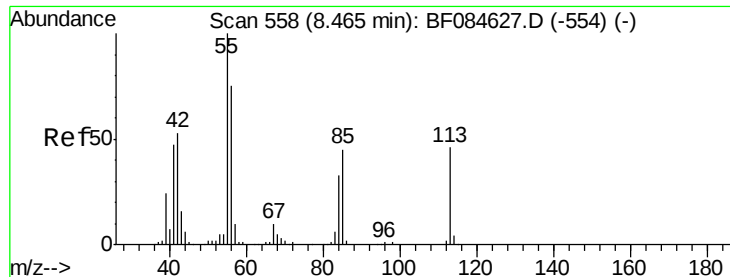
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.41 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

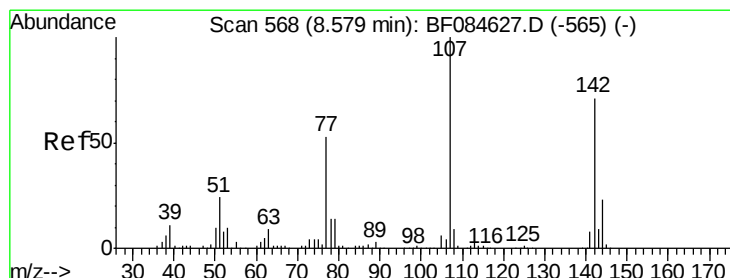
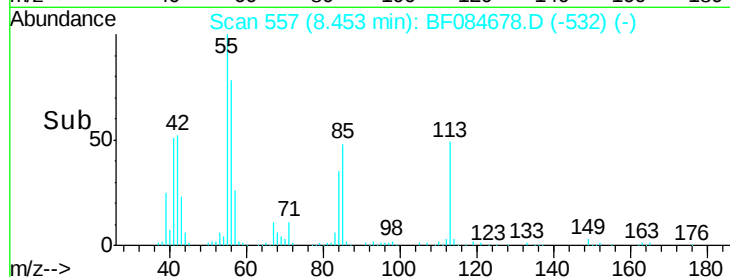
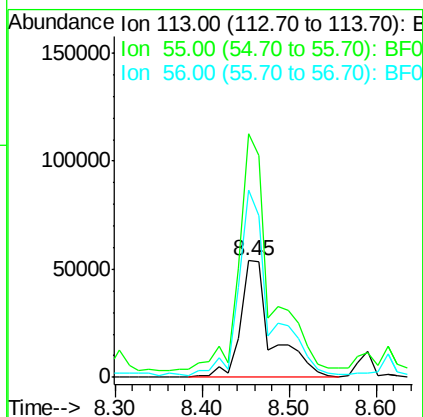
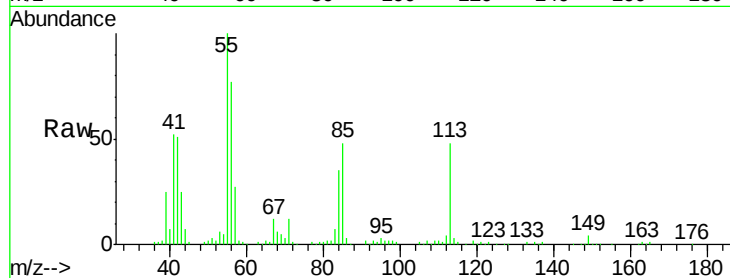
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	113	Resp:	136469
Ion Ratio	Lower	Upper	
113	100		
55	208.4	116.9	156.9#
56	160.4	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 45.39 ng

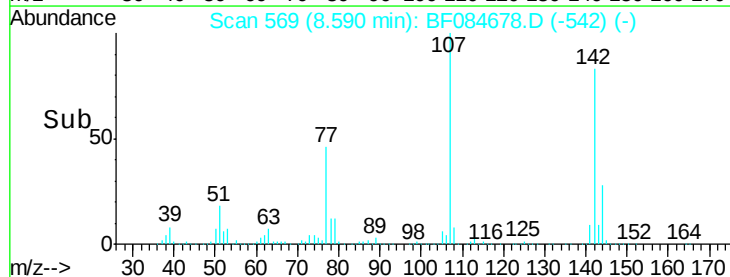
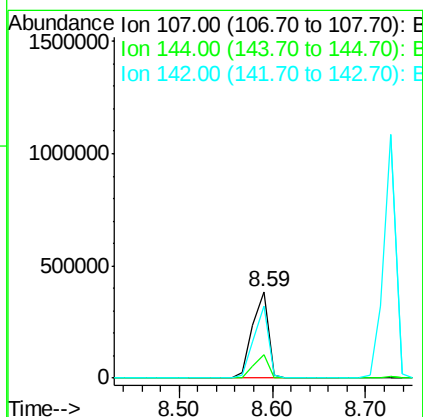
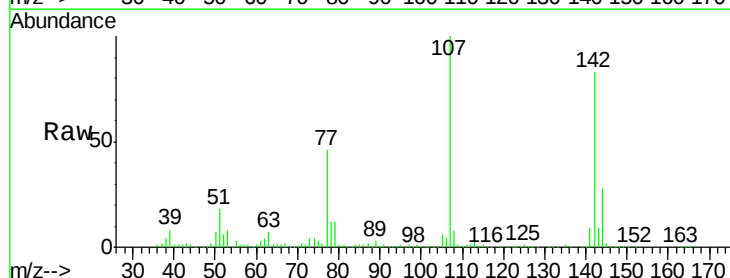
RT: 8.59 min Scan# 569

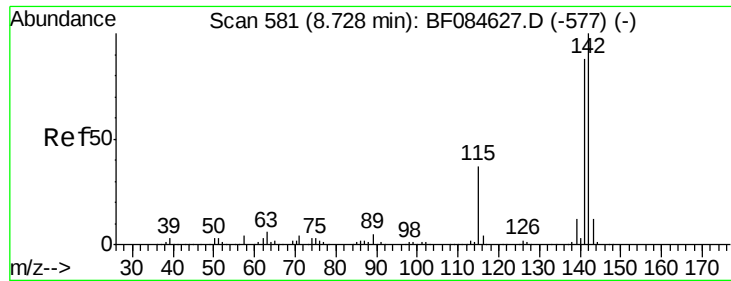
Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	107	Resp:	462315
Ion Ratio	Lower	Upper	
107	100		
144	27.6	19.7	29.5
142	83.3	61.8	92.6





#37

2-Methylnaphthalene

Concen: 47.70 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

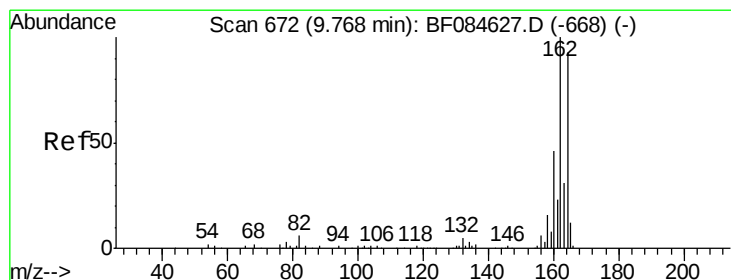
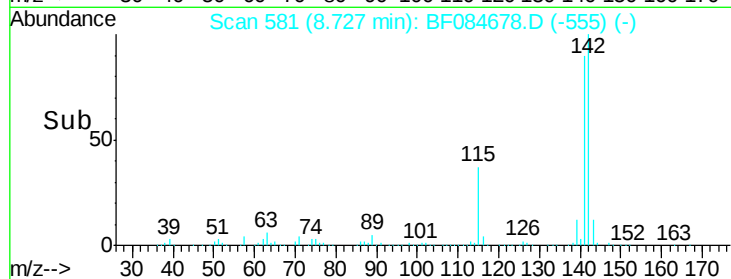
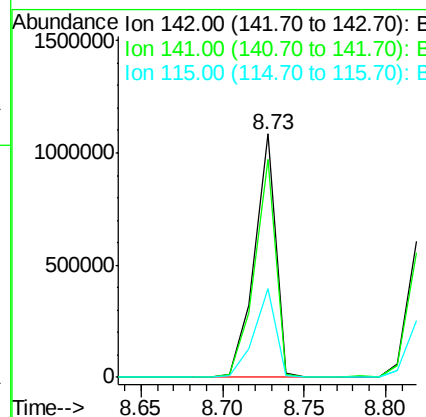
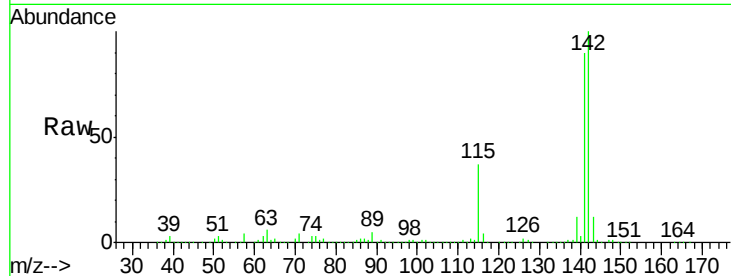
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	142	Resp:	986386
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.4	108.6
115	36.6	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

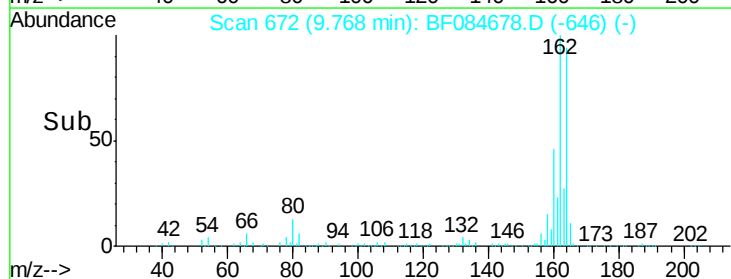
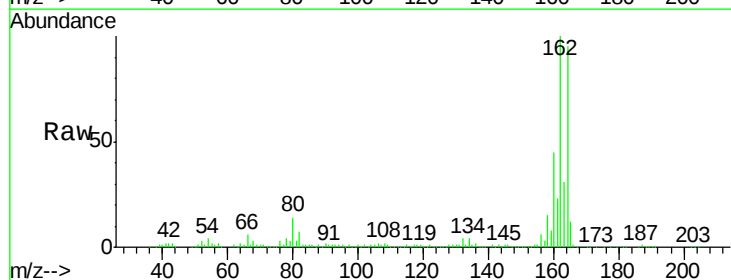
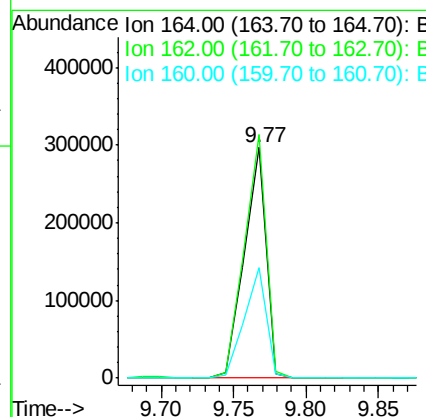
RT: 9.77 min Scan# 672

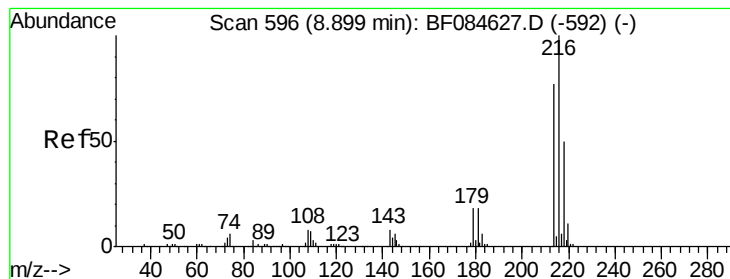
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	164	Resp:	311318
Ion Ratio	Lower	Upper	
164	100		
162	105.7	85.1	127.7
160	48.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.61 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

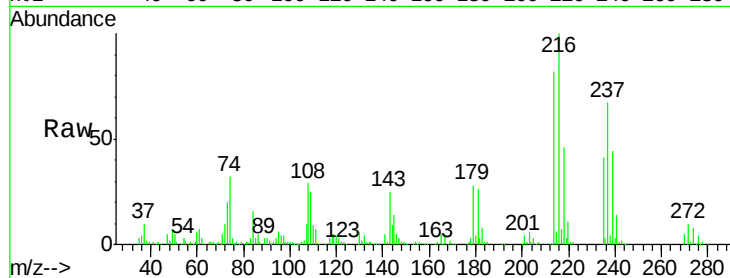
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	359483		
214	79.2	64.2	96.2	
179	23.4	18.7	28.1	
108	22.0	16.8	25.2	

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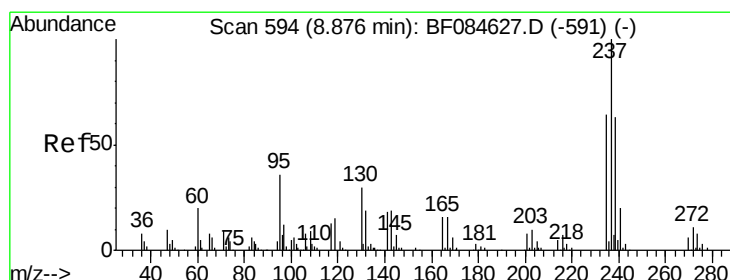
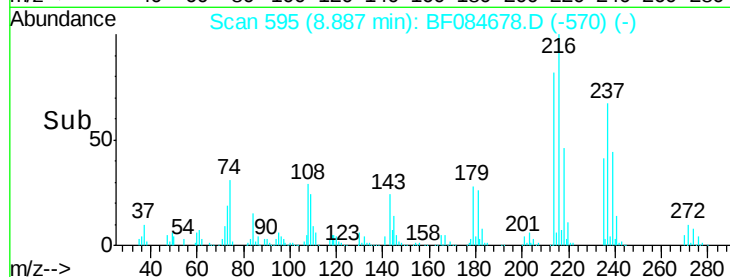
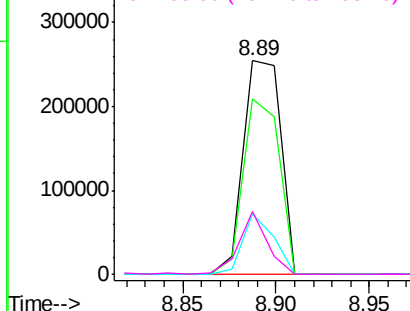
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.57 ng

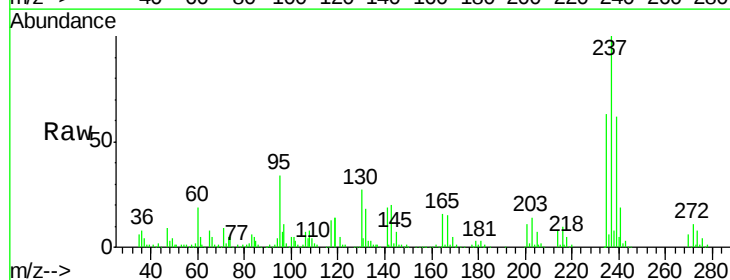
RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	278023		
235	62.8	43.1	83.1	
272	11.0	0.0	35.1	

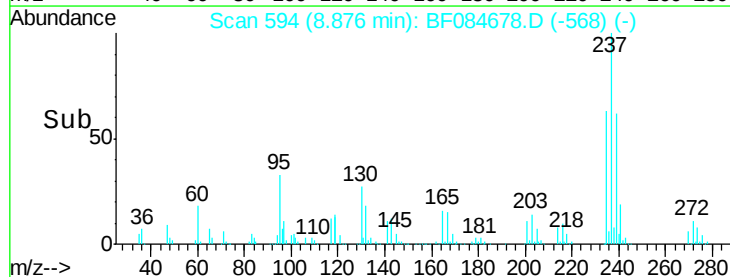
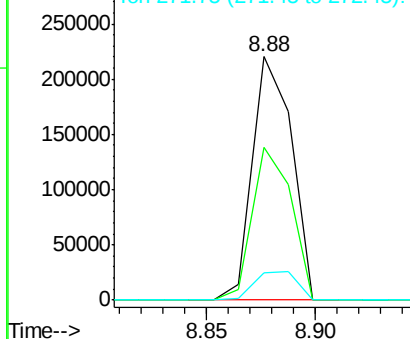


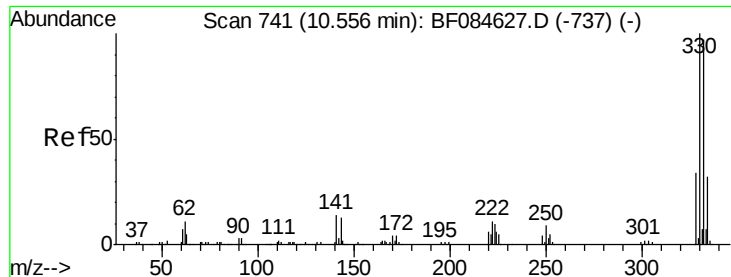
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





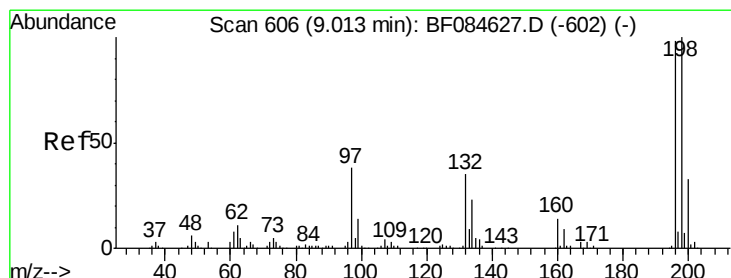
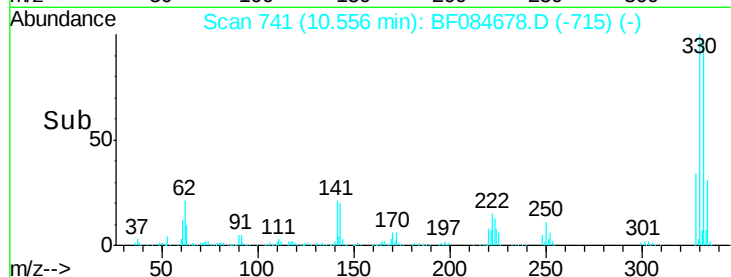
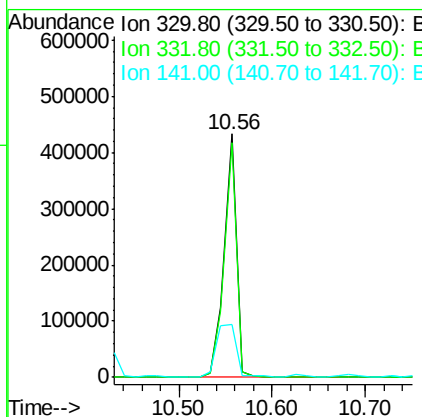
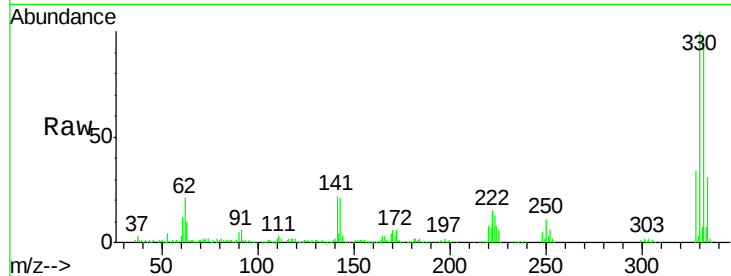
#41
 2,4,6-Tribromophenol
 Concen: 122.38 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	399315		
332	95.9	76.6	114.8	
141	33.2	27.8	41.6	

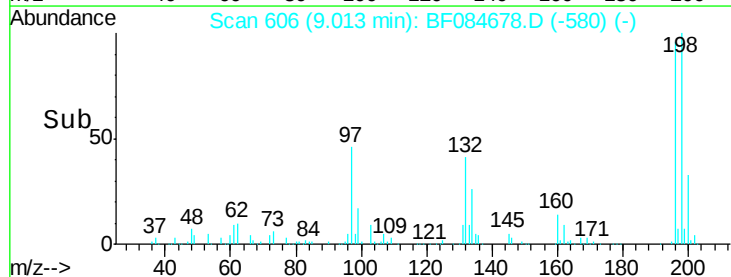
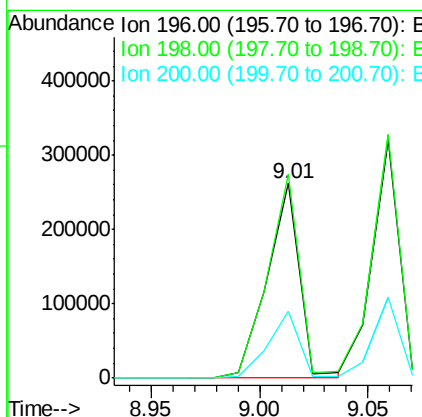
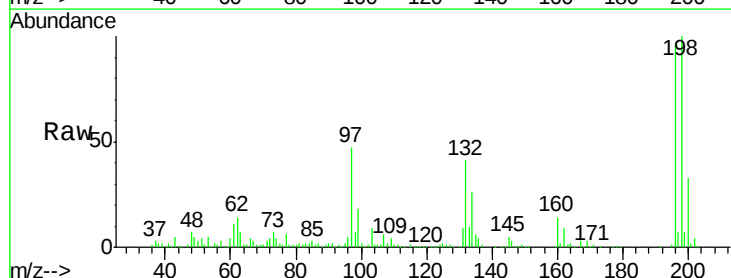
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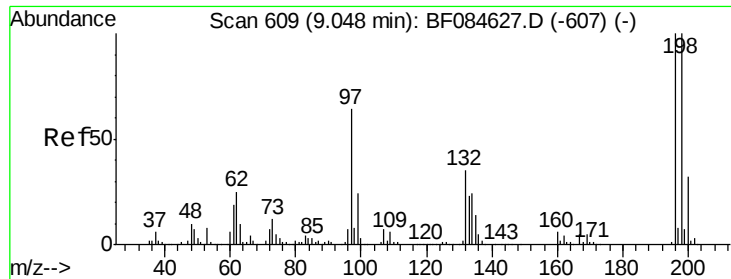
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 43.81 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274771		
198	104.4	77.7	116.5	
200	34.3	24.6	37.0	





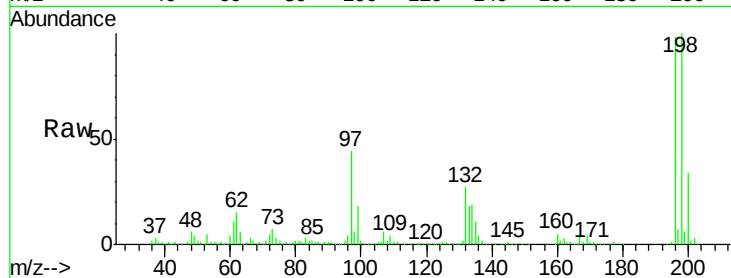
#43
 2,4,5-Trichlorophenol
 Concen: 43.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

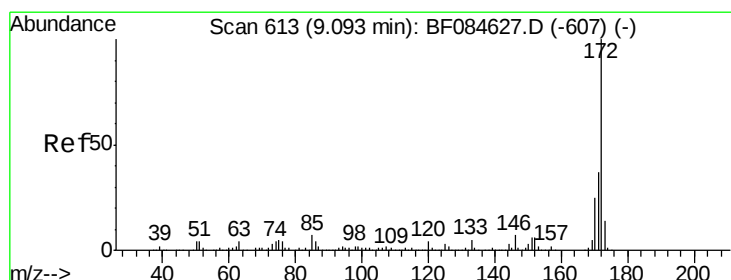
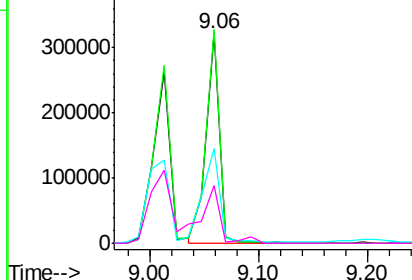
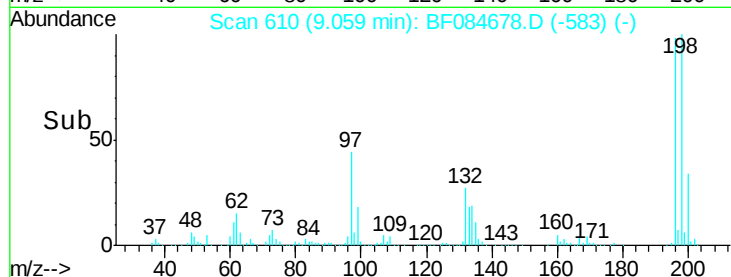
Tot Ion	Ratio	Resp	Lower	Upper
196	100	280206		
198	102.0	79.0	118.6	
97	45.3	33.0	49.6	
132	27.2	21.1	31.7	

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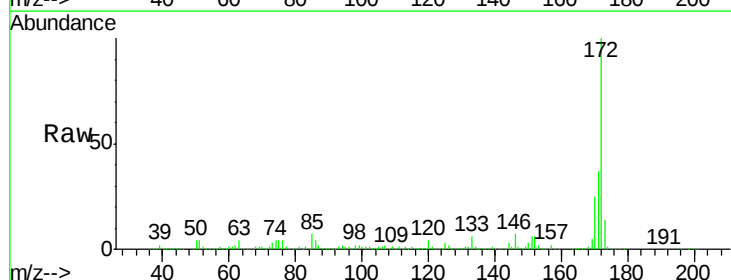


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

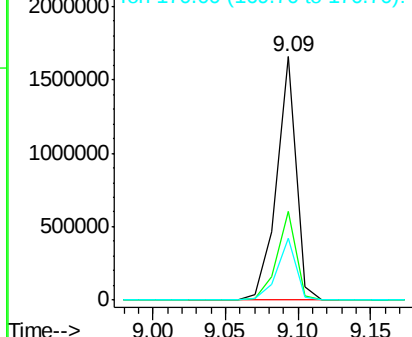
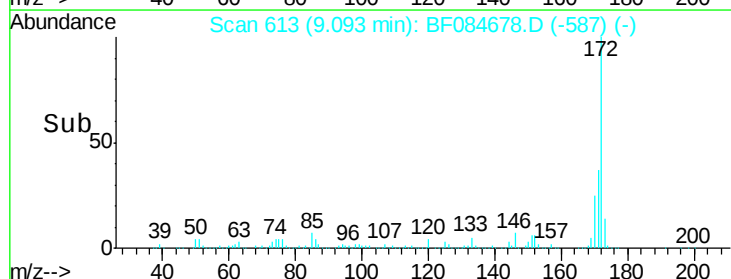


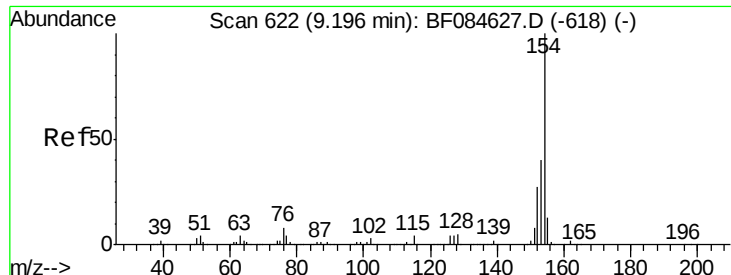
#44
 2-Fluorobiphenyl
 Concen: 73.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1537931		
171	36.5	28.9	43.3	
170	25.3	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





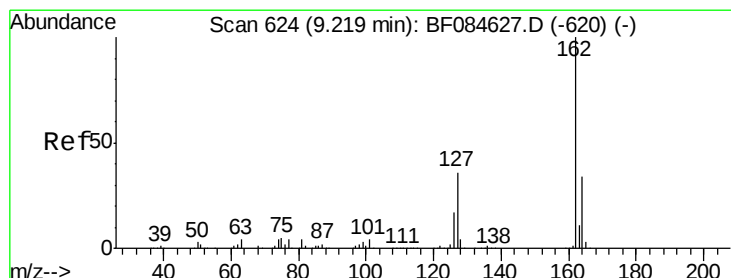
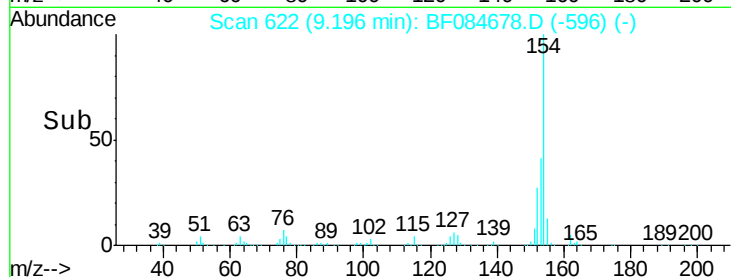
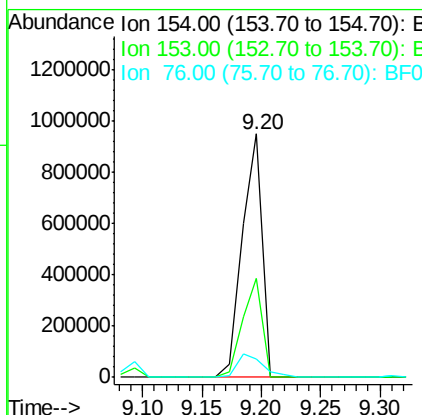
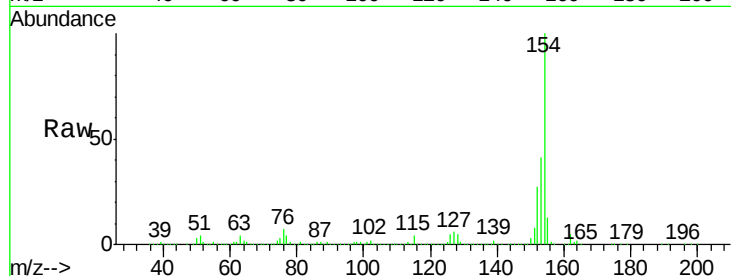
#45
 1,1'-Biphenyl
 Concen: 38.58 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.6	61.6
76	7.3	0.0	32.7

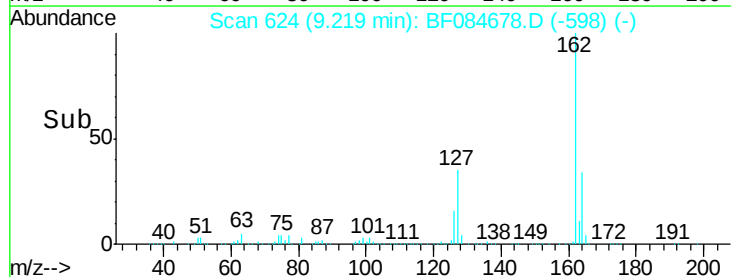
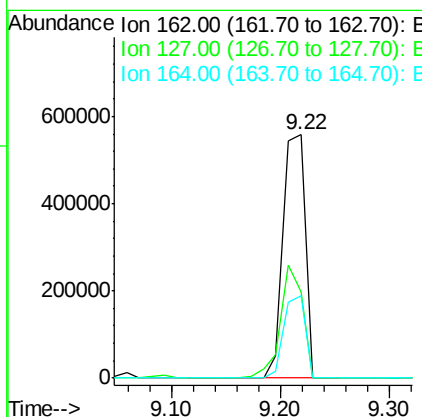
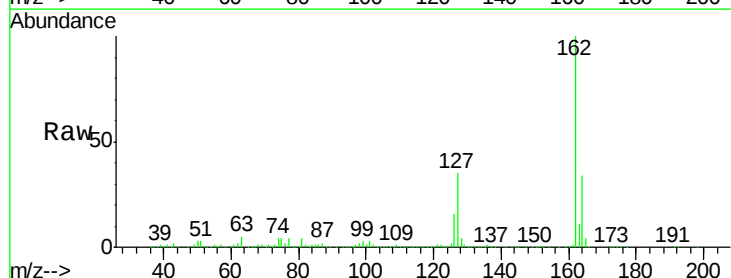
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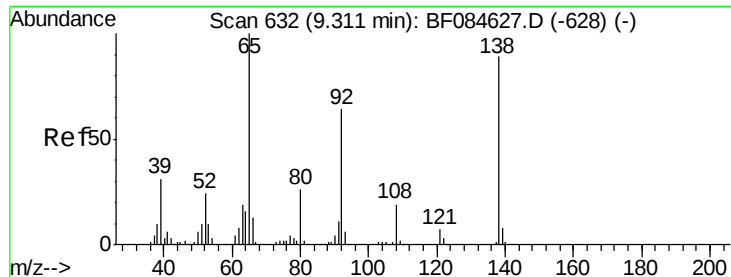
mohammad
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#46
 2-Chloronaphthalene
 Concen: 38.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.2	40.2	60.4#
164	34.0	25.7	38.5





#47

2-Nitroaniline

Concen: 39.26 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

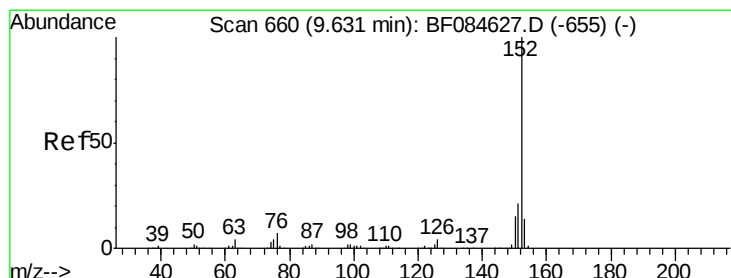
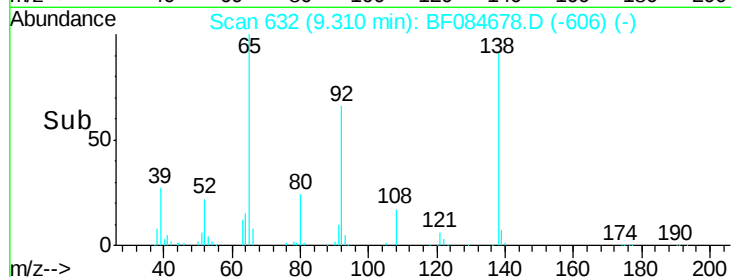
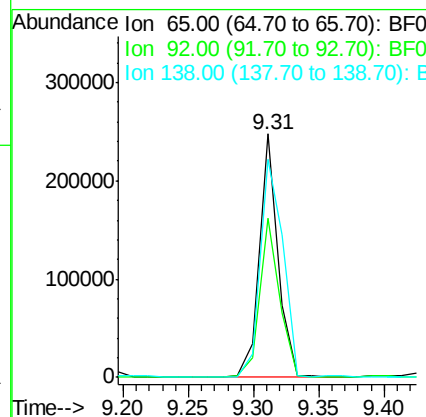
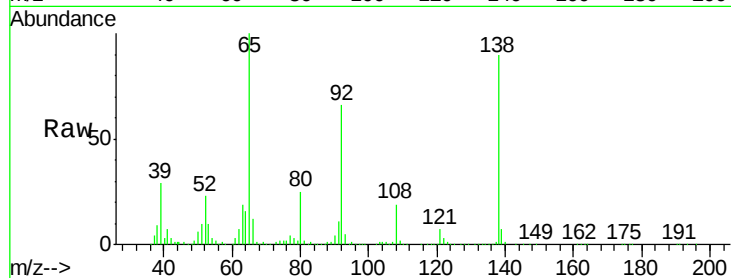
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	65	Resp:	245422
Ion Ratio	Lower	Upper	
65	100		
92	65.5	53.4	80.2
138	89.6	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 40.49 ng

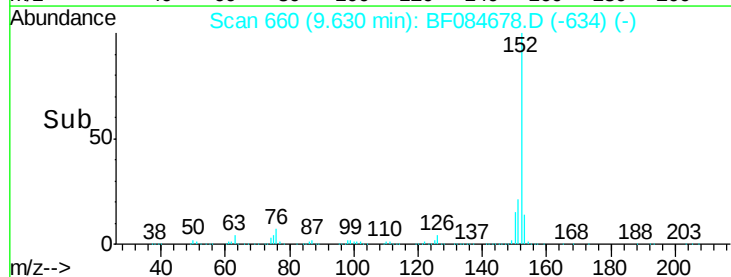
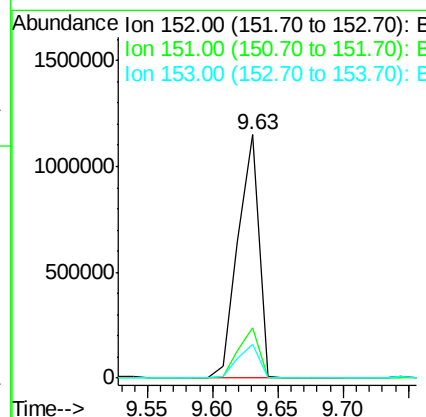
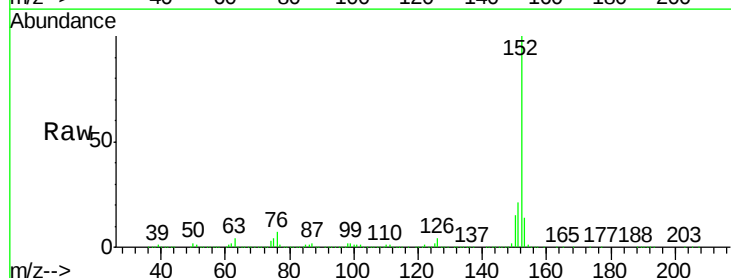
RT: 9.63 min Scan# 660

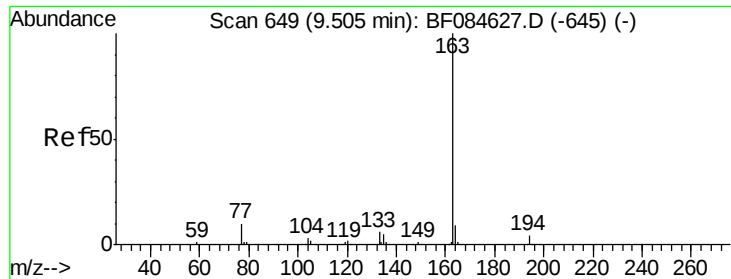
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	152	Resp:	1277086
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.9	10.4	15.6





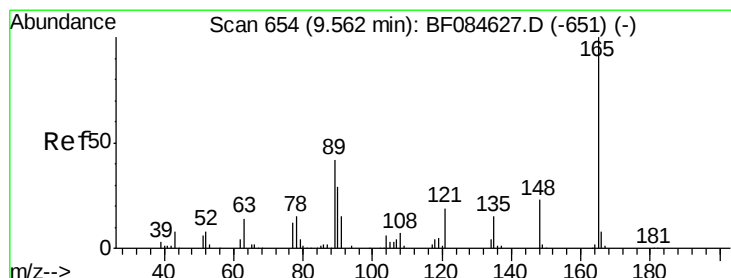
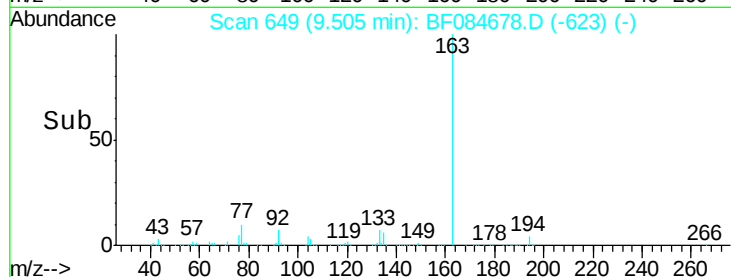
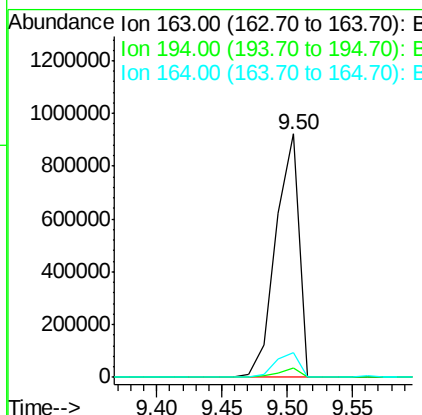
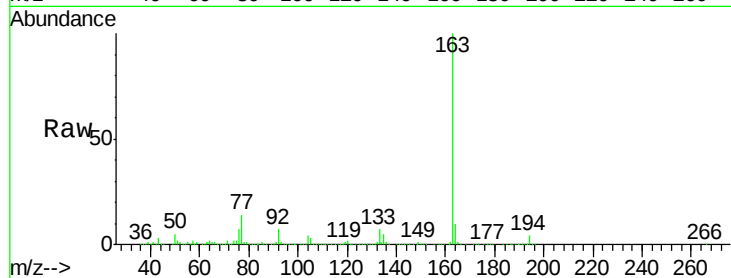
#49
Dimethylphthalate
Concen: 49.26 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.9	8.0	12.0

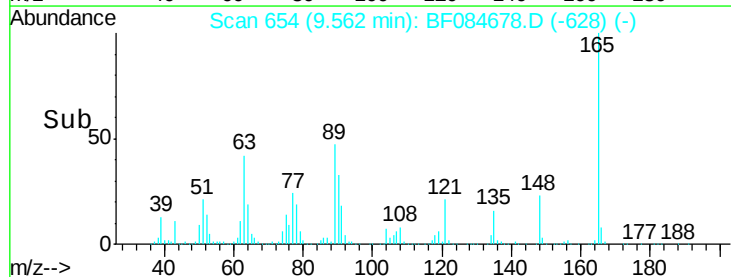
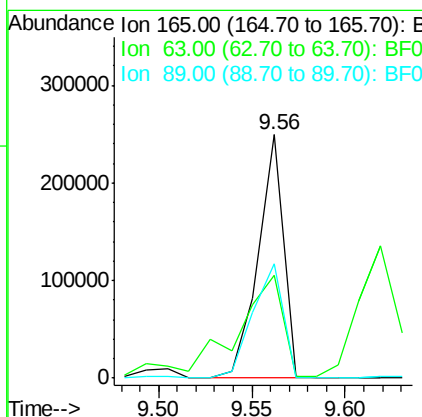
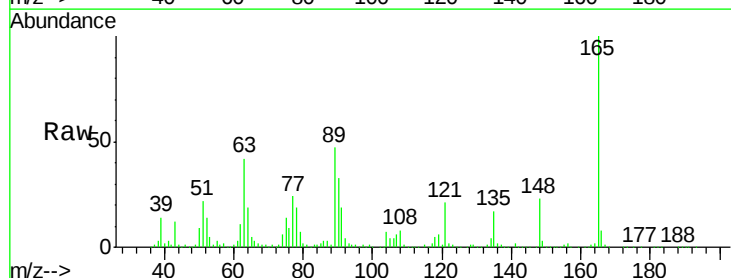
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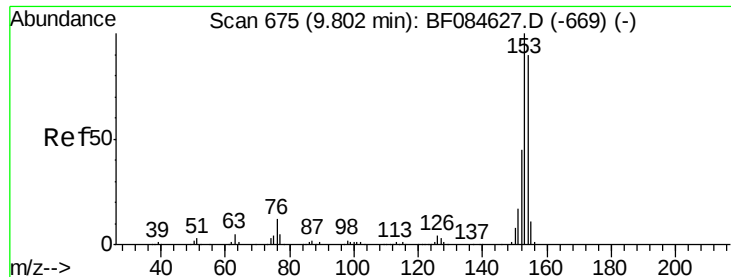
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.44 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	28.8	43.2
89	46.7	35.1	52.7





#51

Acenaphthene

Concen: 41.08 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

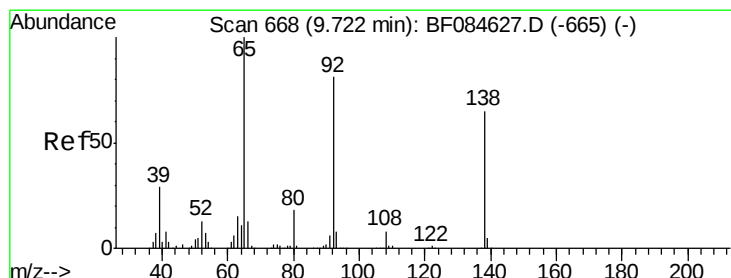
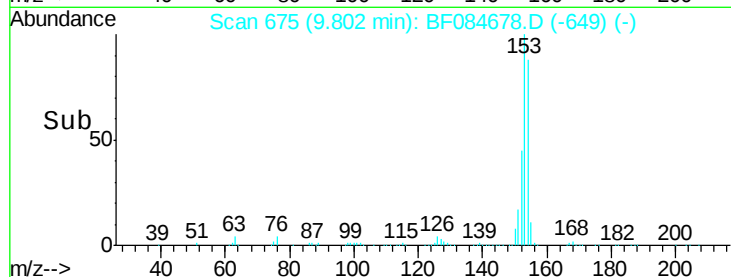
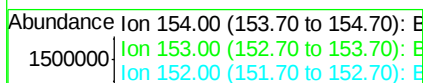
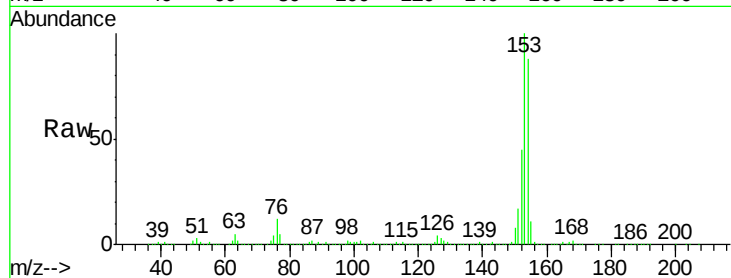
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	154	Resp:	867726
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.5	137.3
152	50.9	43.0	64.6

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#52

3-Nitroaniline

Concen: 23.60 ng

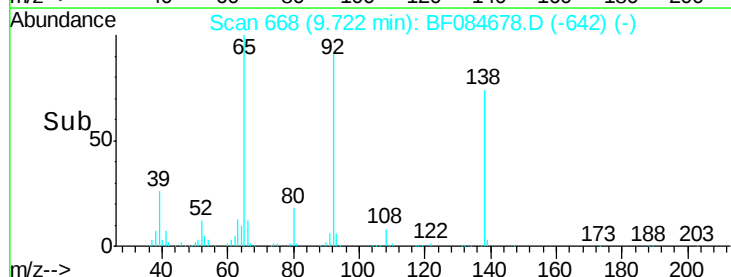
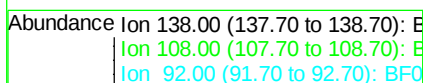
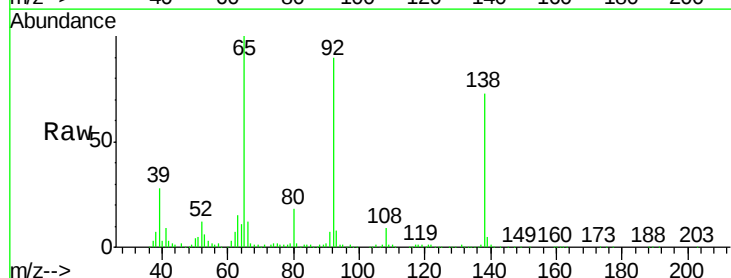
RT: 9.72 min Scan# 668

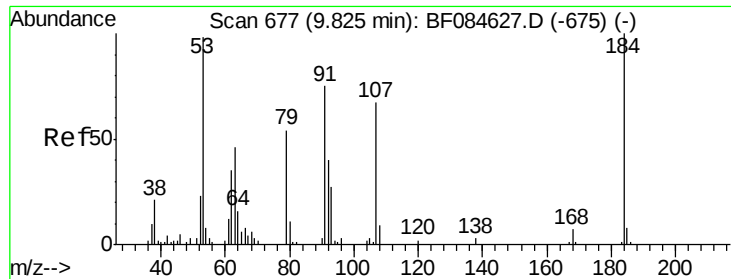
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	138	Resp:	126775
Ion Ratio	Lower	Upper	
138	100		
108	11.7	10.5	15.7
92	123.0	103.9	155.9





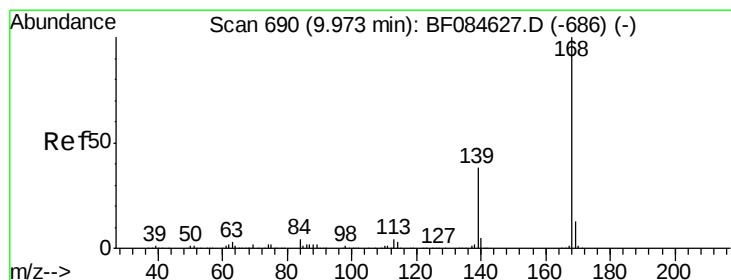
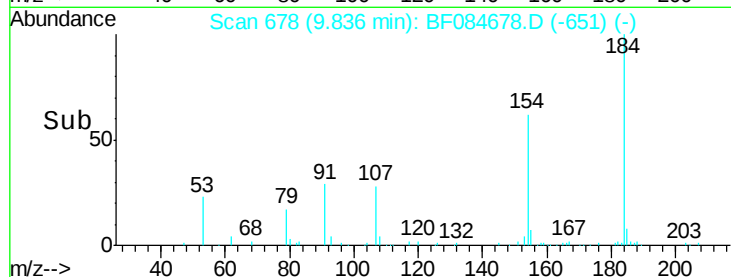
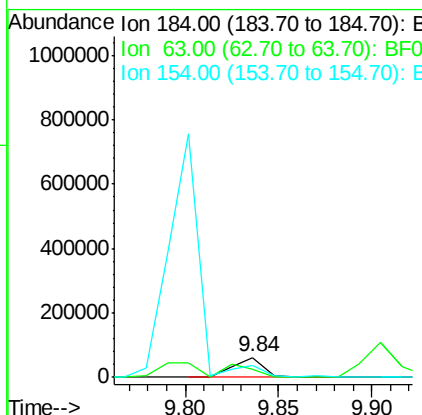
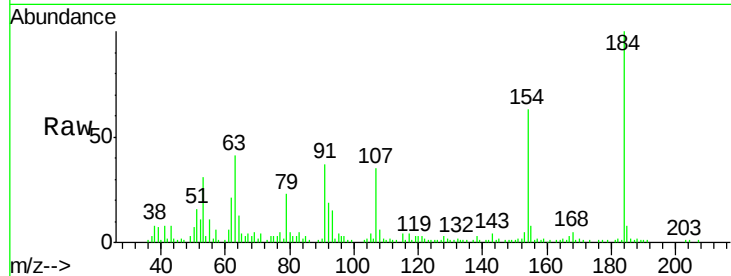
#53
2,4-Dinitrophenol
Concen: 28.11 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	40.6	43.1	64.7#
154	62.5	60.5	90.7

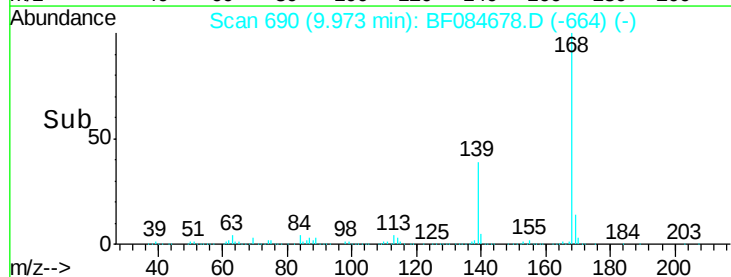
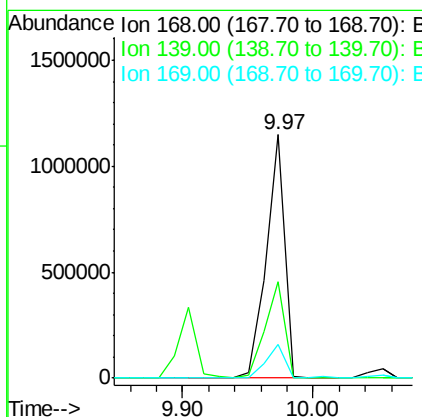
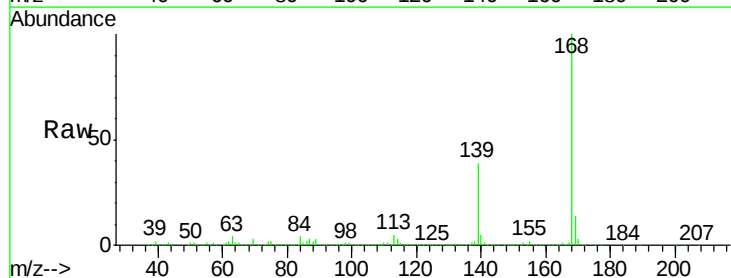
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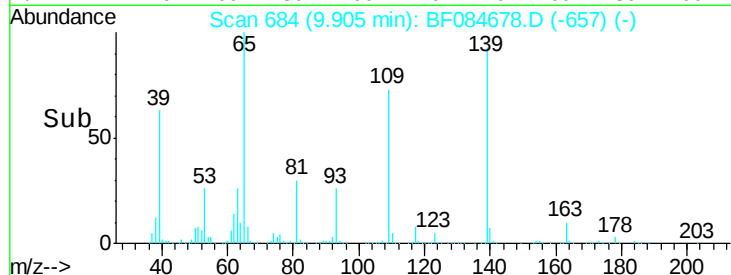
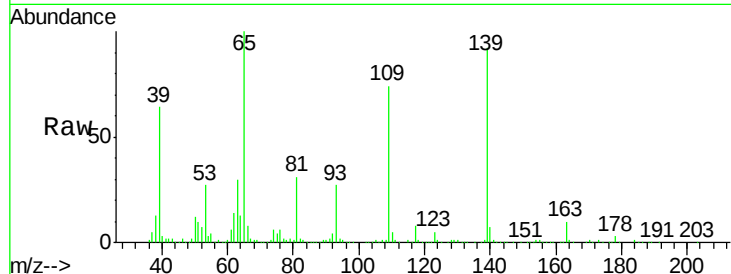
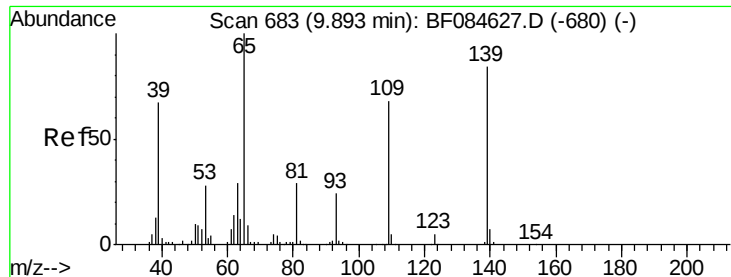
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#54
Dibenzofuran
Concen: 44.88 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.5	45.7
169	14.0	10.4	15.6





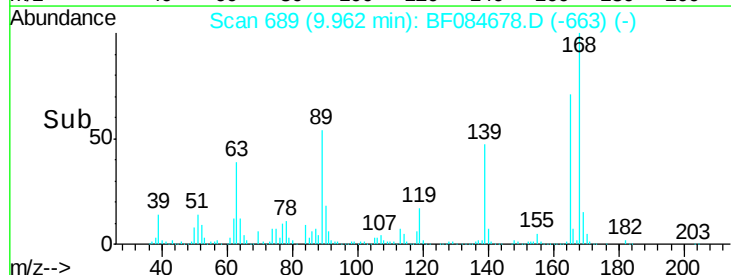
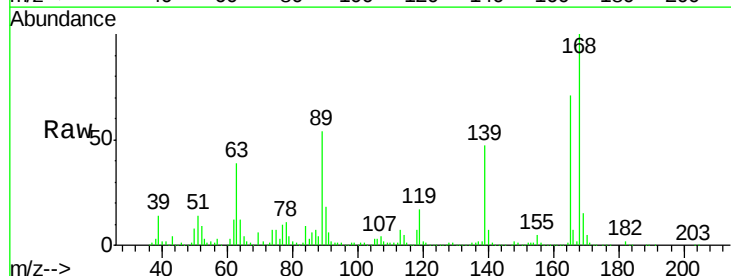
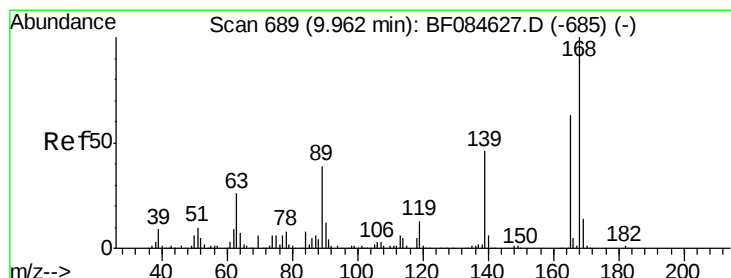
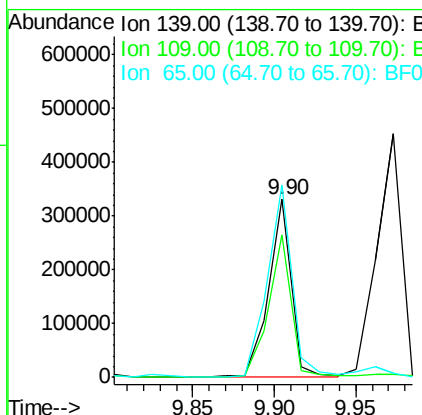
#55
4-Nitrophenol
Concen: 81.77 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tot Ion	Ratio	Resp	Lower	Upper
139	100	322667		
109	79.7	58.5	98.5	
65	108.2	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

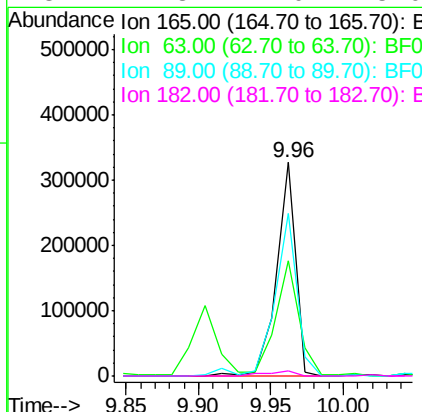
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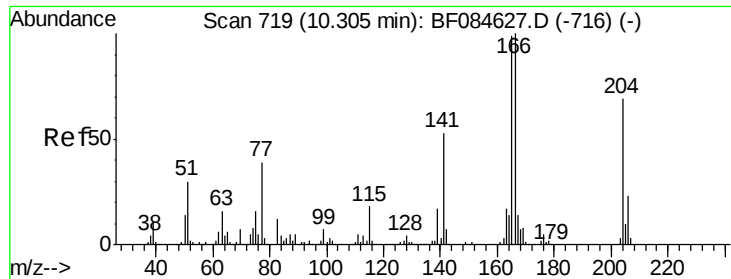
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#56
2,4-Dinitrotoluene
Concen: 44.58 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297729		
63	54.2	36.7	55.1	
89	76.2	61.9	92.9	
182	2.3	2.0	3.0	





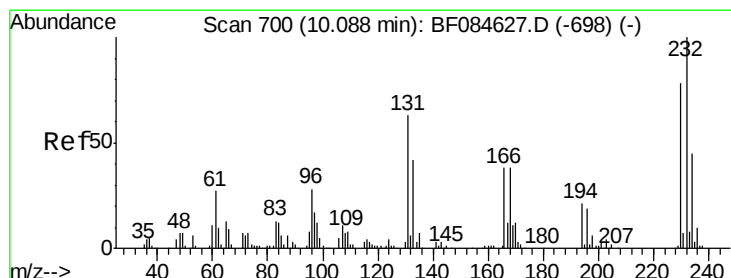
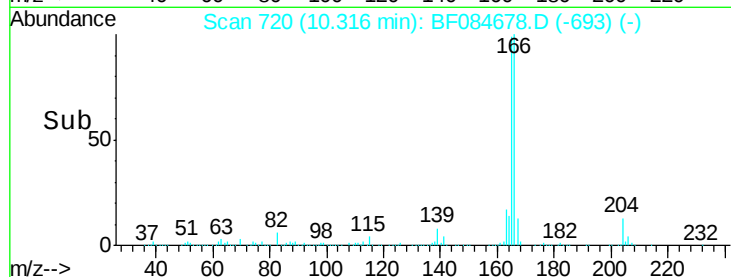
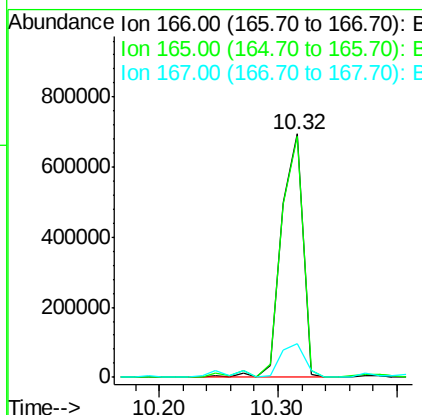
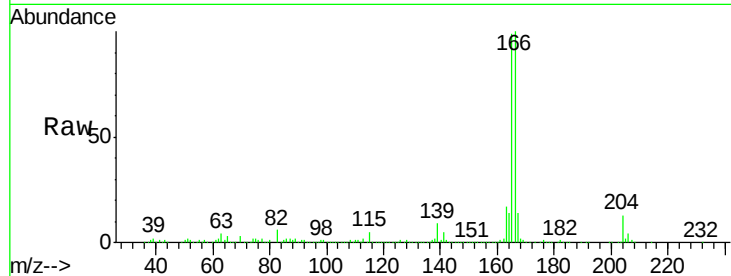
#57
 Fluorene
 Concen: 40.30 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	861017		
165	99.3	79.1	118.7	
167	13.7	10.4	15.6	

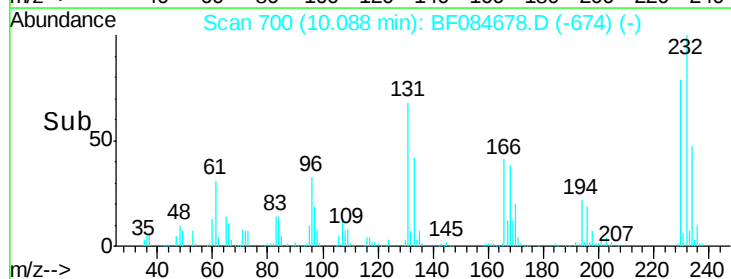
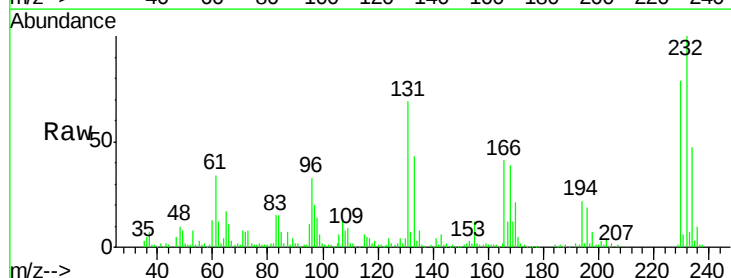
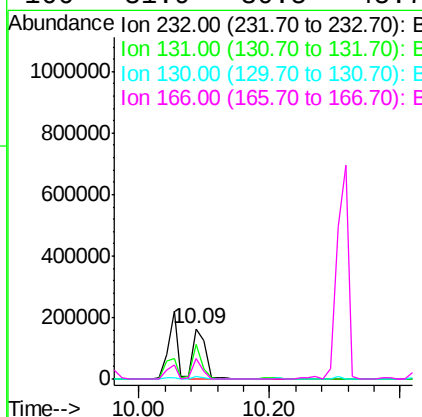
Manual Integrations
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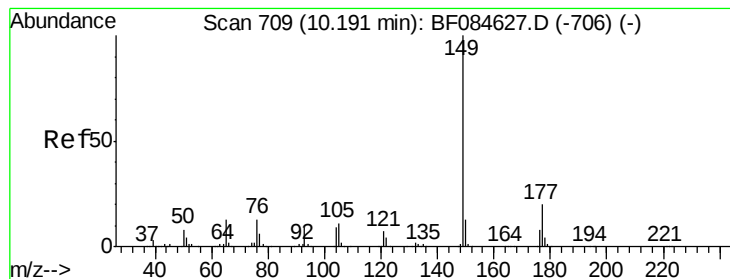
mohammad
 2/1/2016 2:25:53 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.91 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	210087		
131	51.6	47.0	70.6	
130	3.8	2.0	3.0#	
166	31.9	30.5	45.7	





#59

Diethylphthalate

Concen: 42.63 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

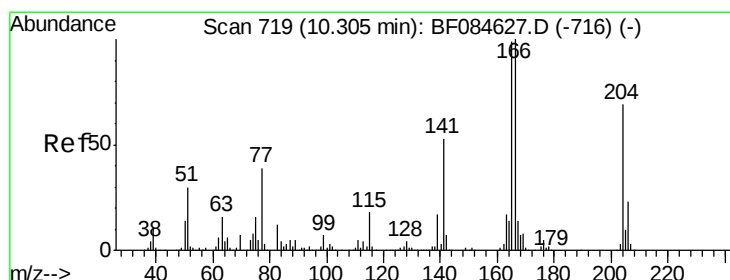
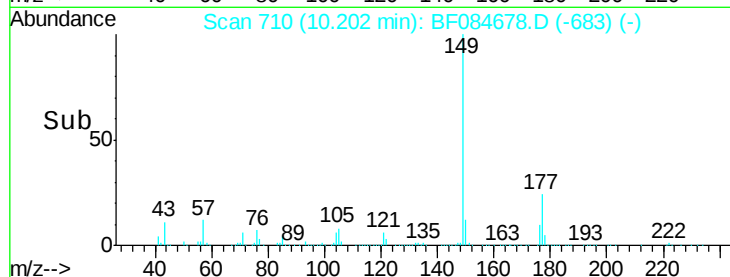
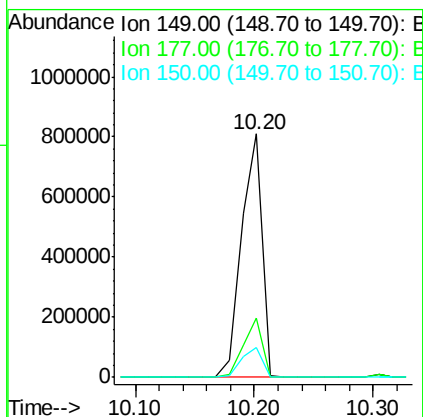
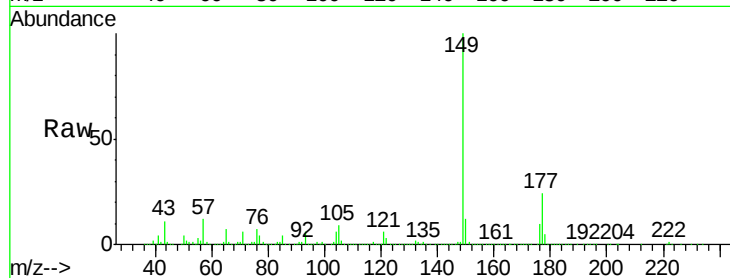
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	149	Resp:	975096
Ion Ratio	Lower	Upper	
149	100		
177	24.1	17.3	25.9
150	12.4	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 38.99 ng

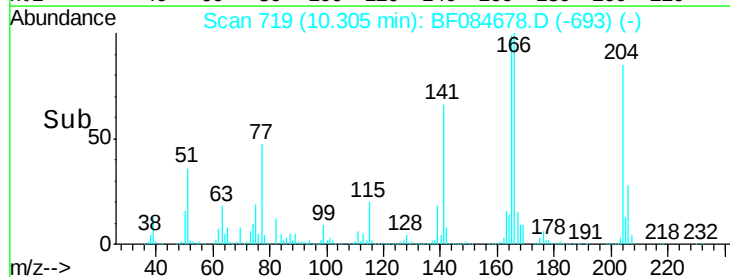
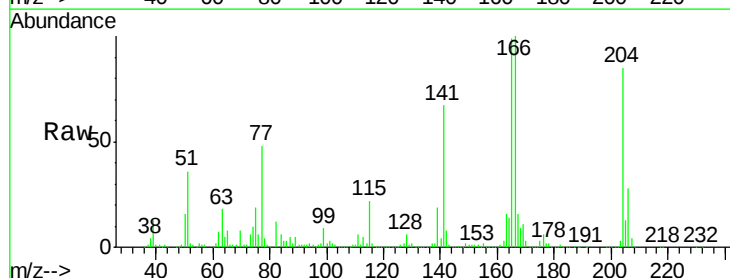
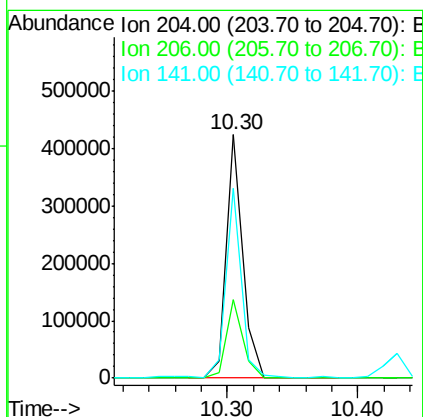
RT: 10.30 min Scan# 719

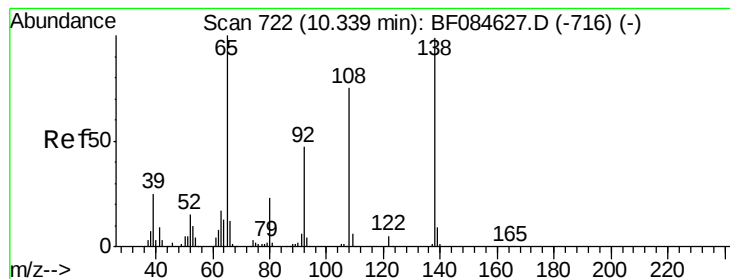
Delta R.T. 0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	204	Resp:	374034
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.7	38.5
141	78.1	55.1	82.7





#61

4-Nitroaniline

Concen: 43.17 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

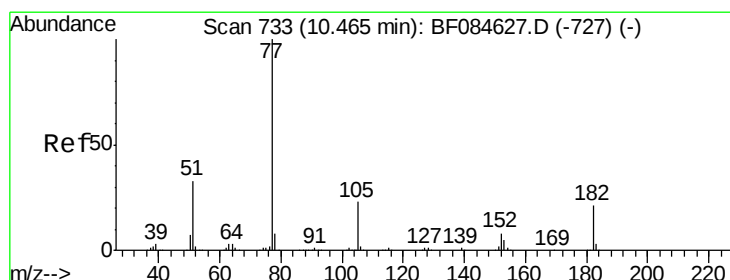
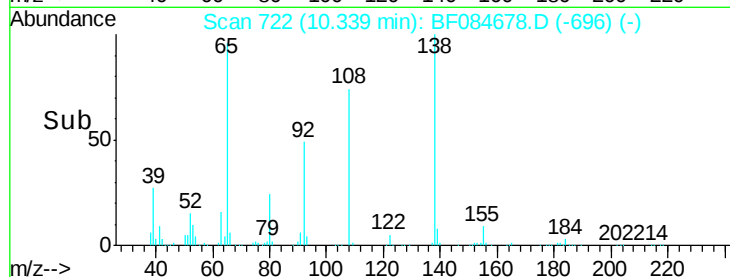
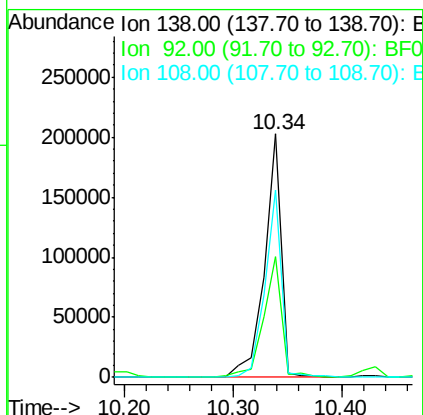
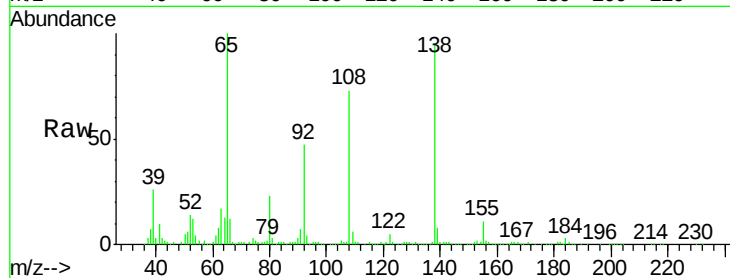
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	138	Resp:	219531
Ion Ratio	Lower	Upper	
138	100		
92	49.6	32.6	72.6
108	76.8	68.6	108.6

Manual Integrations
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#62

Azobenzene

Concen: 44.63 ng

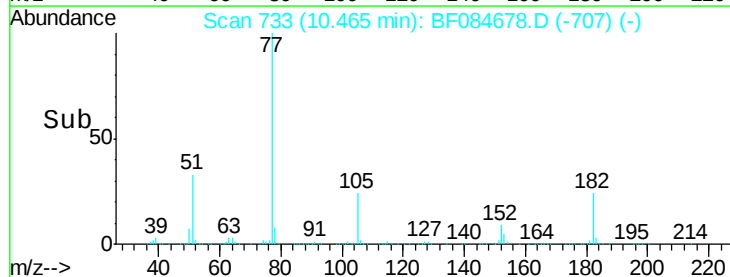
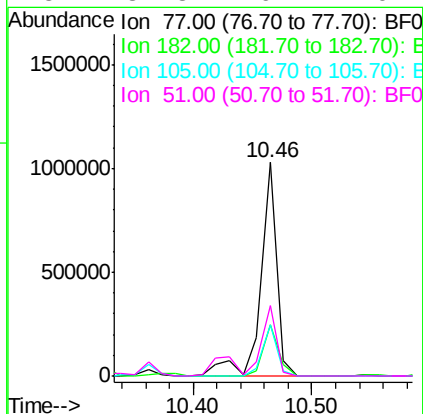
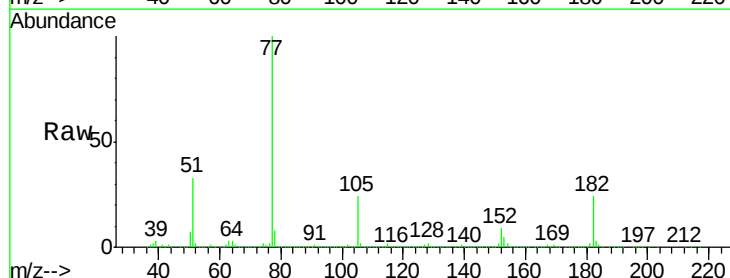
RT: 10.46 min Scan# 733

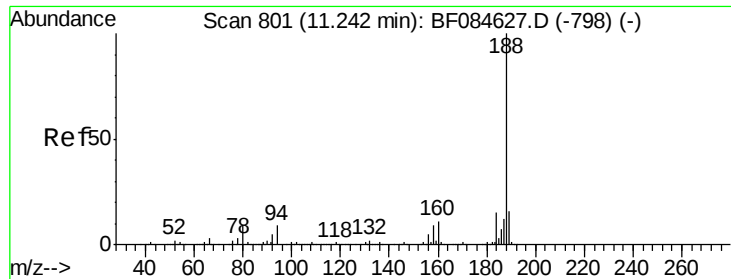
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	77	Resp:	977045
Ion Ratio	Lower	Upper	
77	100		
182	23.9	8.3	48.3
105	24.0	4.6	44.6
51	32.8	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

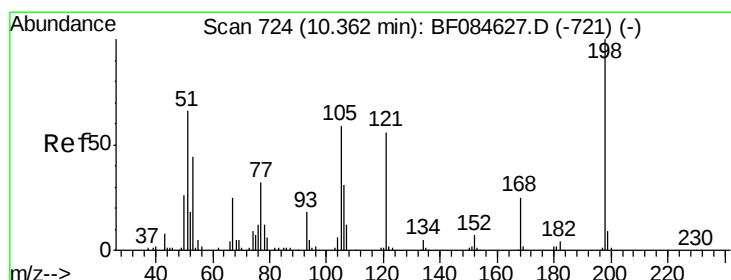
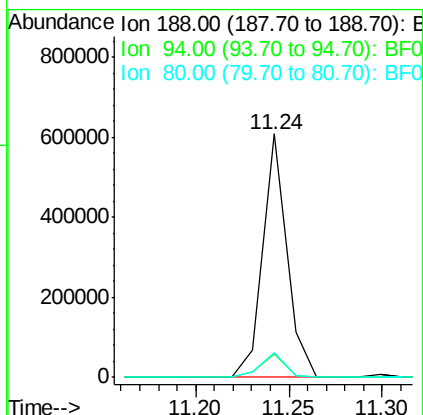
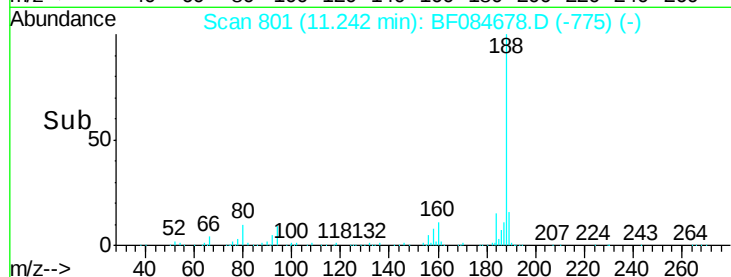
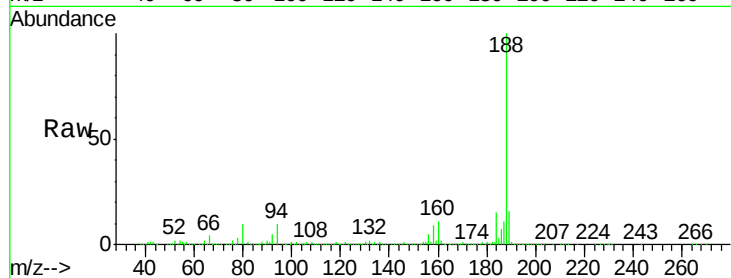
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	188	Resp:	544729
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.0	13.4
80	10.2	9.6	14.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 26.00 ng m

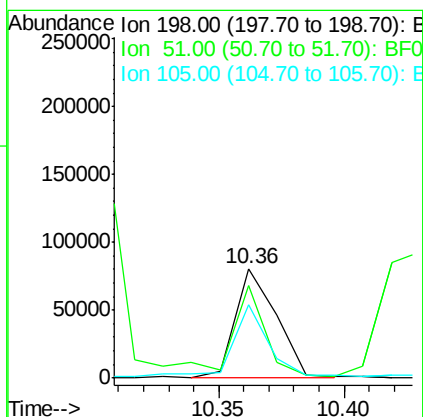
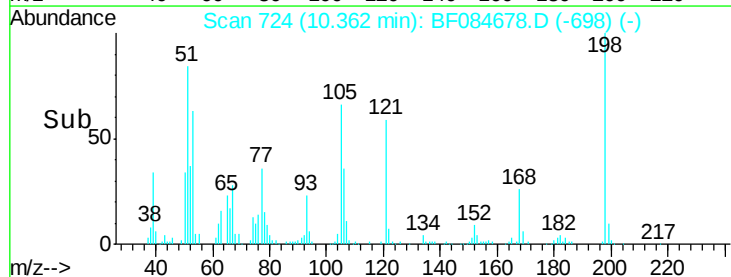
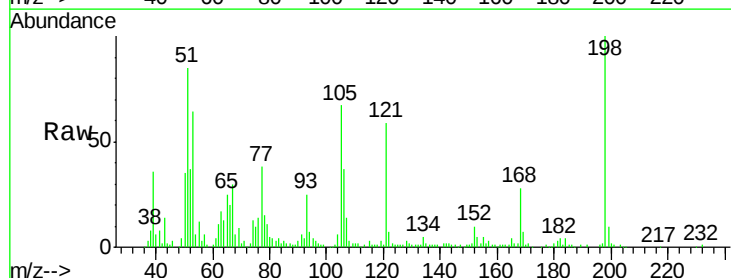
RT: 10.36 min Scan# 724

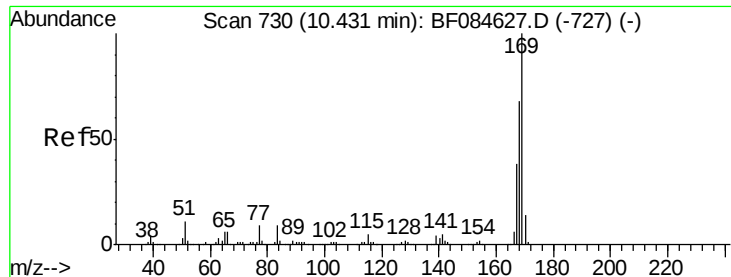
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	198	Resp:	92510
Ion Ratio	Lower	Upper	
198	100		
51	84.7	18.9	58.9#
105	67.5	26.4	66.4#





#65

n-Nitrosodiphenylamine

Concen: 46.47 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:169 Resp: 820737

Ion Ratio Lower Upper

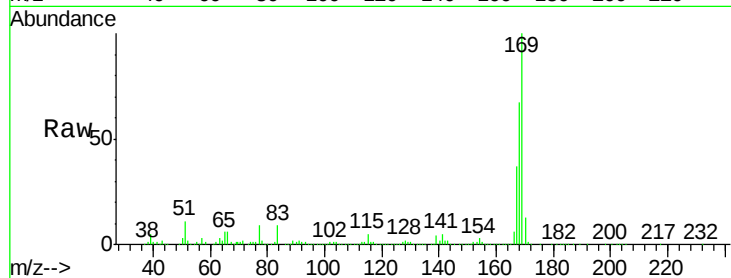
169 100

168 67.0 55.1 82.7

167 36.5 30.0 45.0

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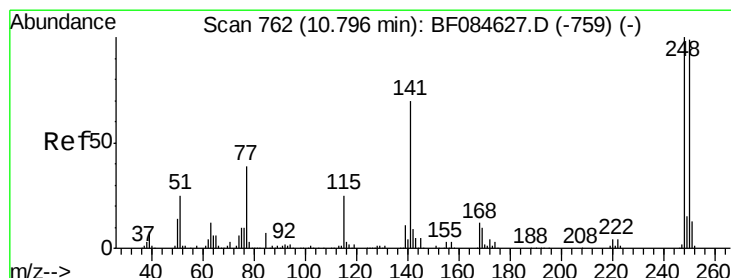
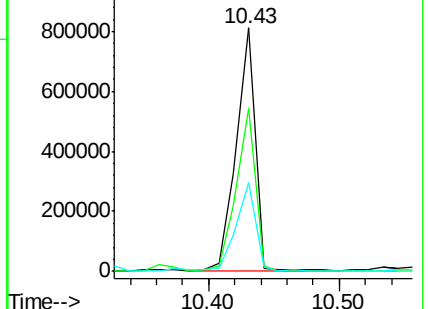
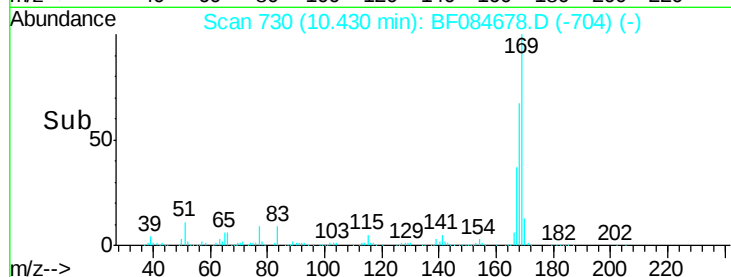
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.97 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

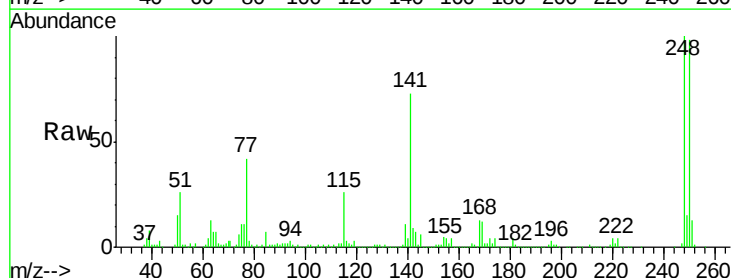
Tgt Ion:248 Resp: 263637

Ion Ratio Lower Upper

248 100

250 97.9 78.4 117.6

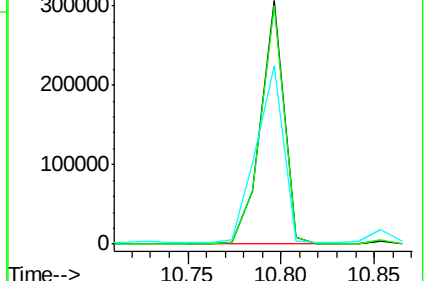
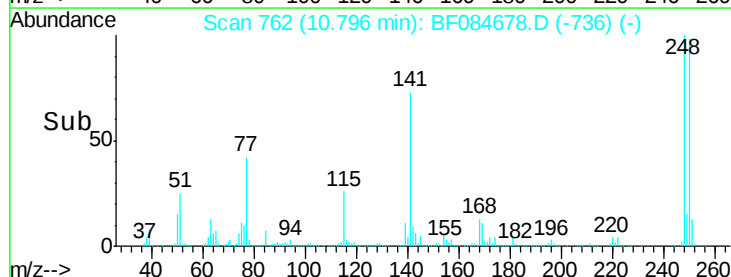
141 73.1 44.0 66.0#

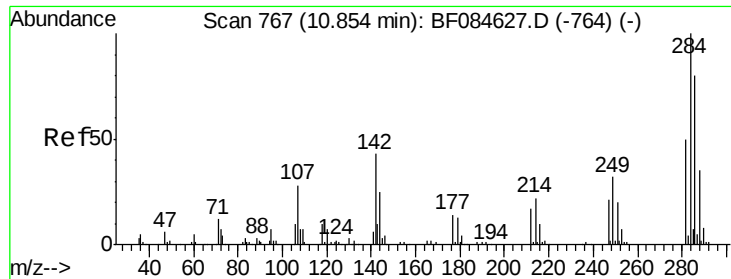


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.92 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

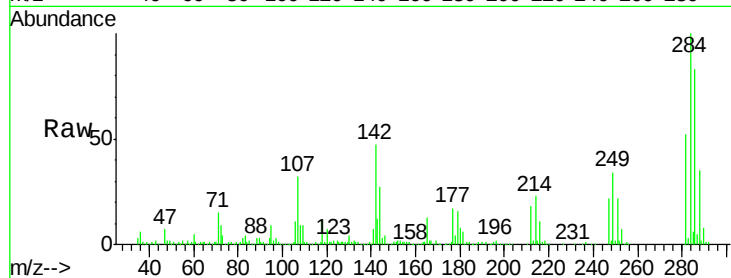
ClientSampleId :

SUP-B015(6-9)MS

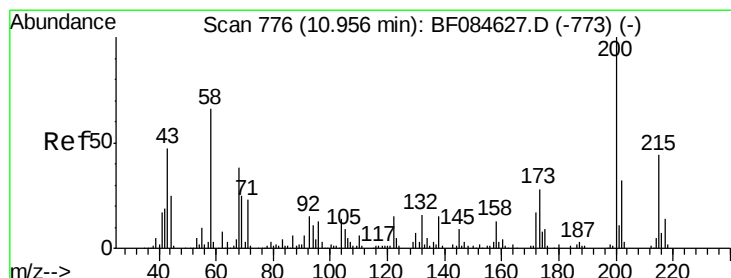
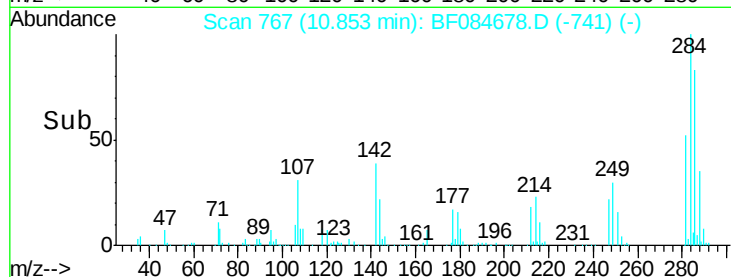
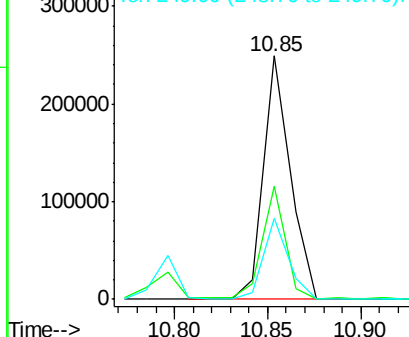
Tot Ion:	284	Resp:	246408
Ion Ratio	Lower	Upper	
284	100		
142	46.5	22.2	33.4#
249	33.5	24.6	37.0

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



#68

Atrazine

Concen: 43.92 ng

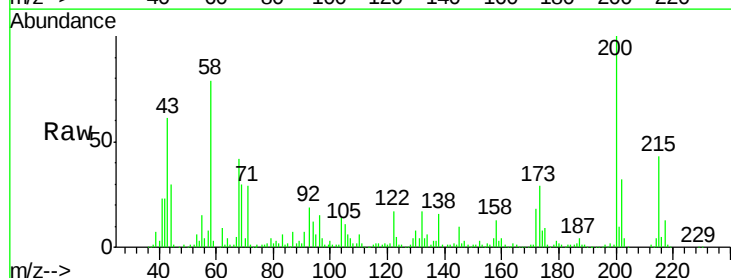
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

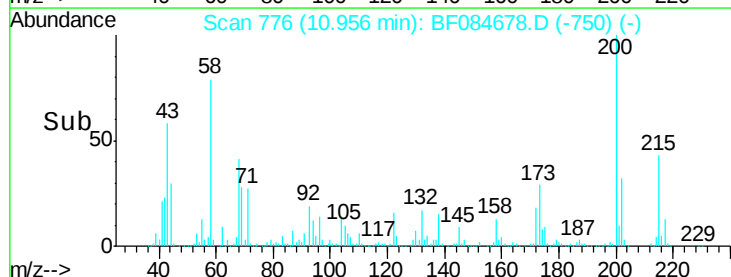
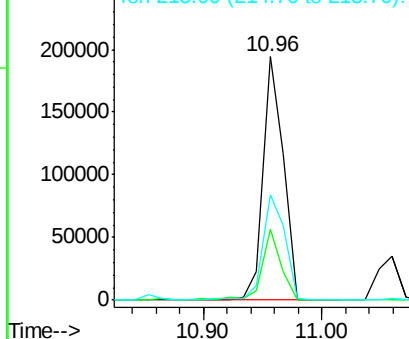
Lab File: BF084678.D

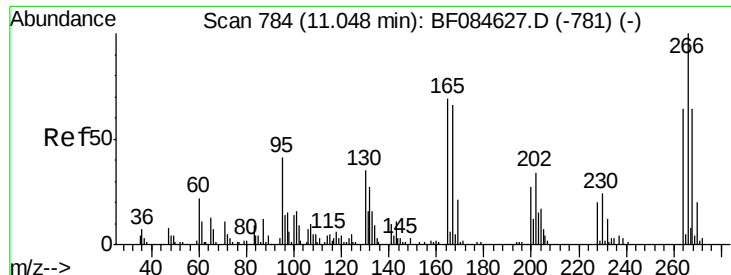
Acq: 30 Jan 2016 11:36

Tgt Ion:	200	Resp:	232424
Ion Ratio	Lower	Upper	
200	100		
173	29.1	9.5	49.5
215	43.4	23.8	63.8



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





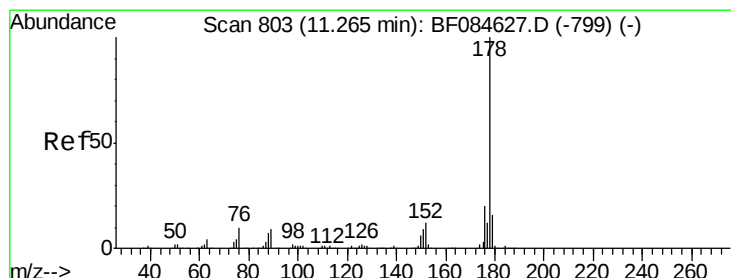
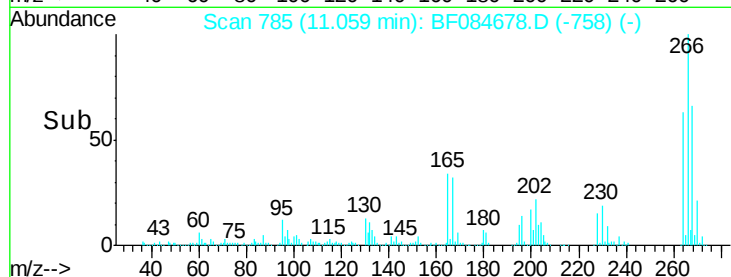
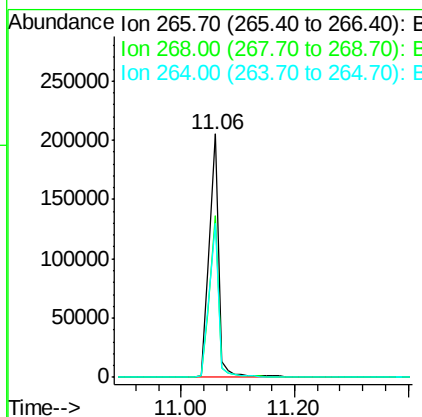
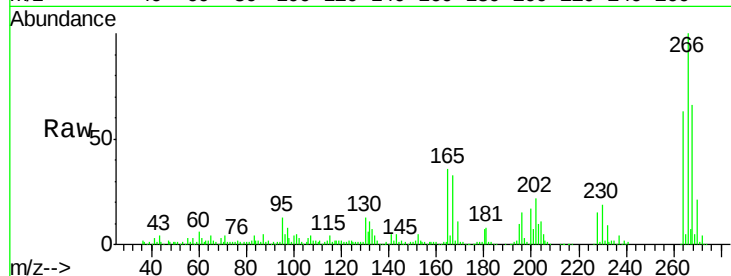
#69
 Pentachlorophenol
 Concen: 70.86 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	228458		
268	66.2	52.4	78.6	
264	63.3	50.2	75.2	

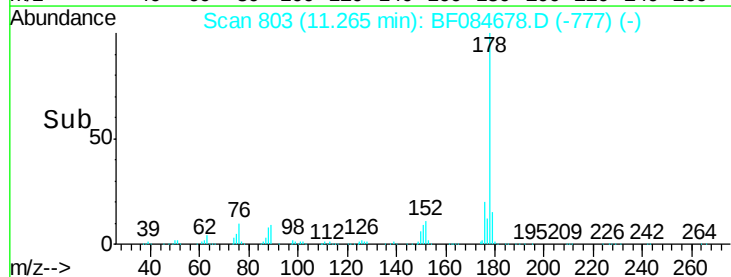
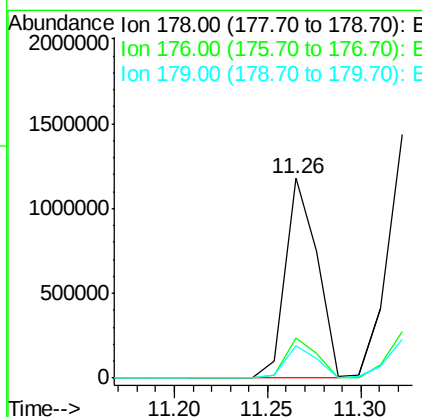
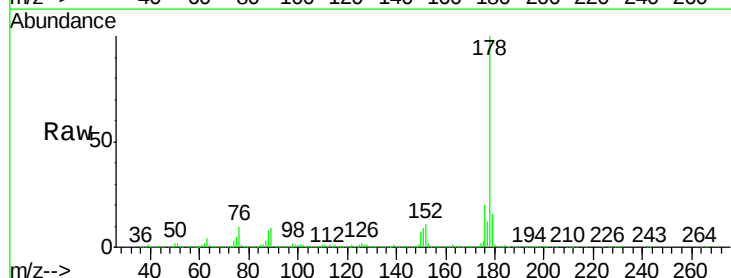
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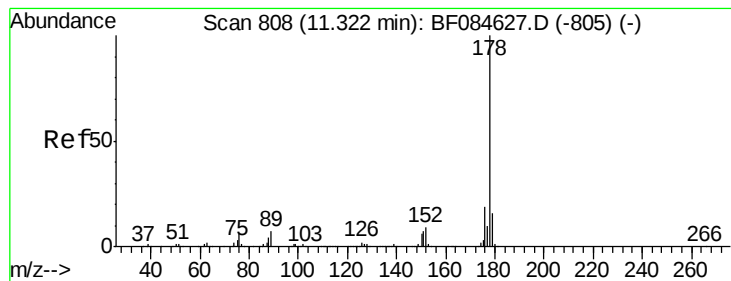
mohammad
 2/1/2016 2:25:53 PM



#70
 Phenanthrene
 Concen: 46.34 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1395797		
176	20.2	15.3	22.9	
179	16.3	12.0	18.0	





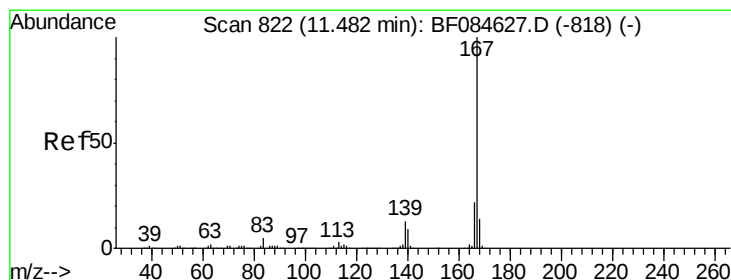
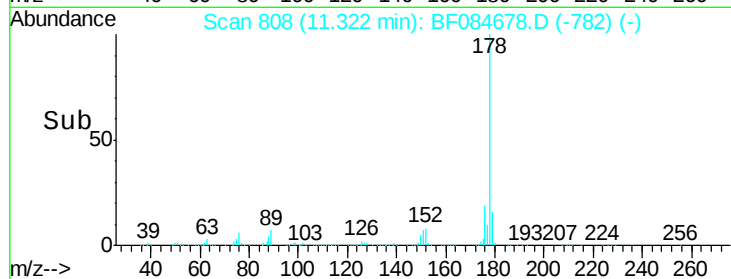
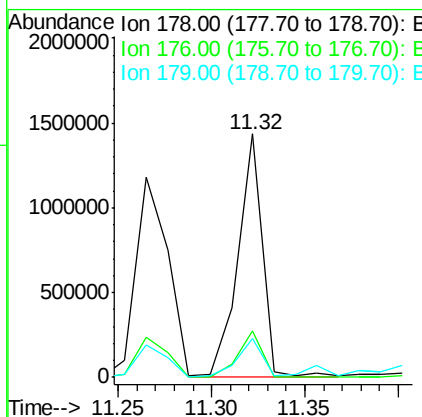
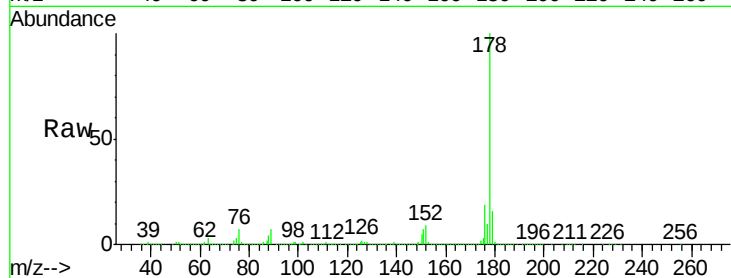
#71
 Anthracene
 Concen: 43.18 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.5	18.7

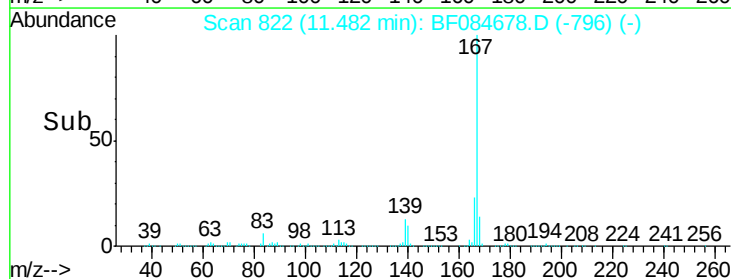
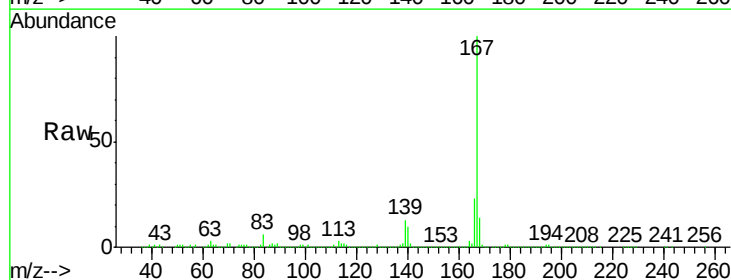
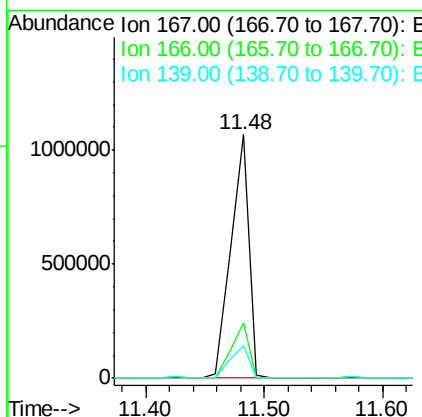
Manual Integrations
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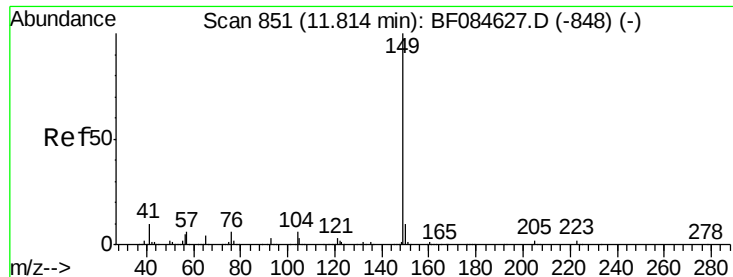
mohammad
 2/1/2016 2:25:53 PM



#72
 Carbazole
 Concen: 42.30 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 40.83 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:149 Resp: 1310582

Ion Ratio Lower Upper

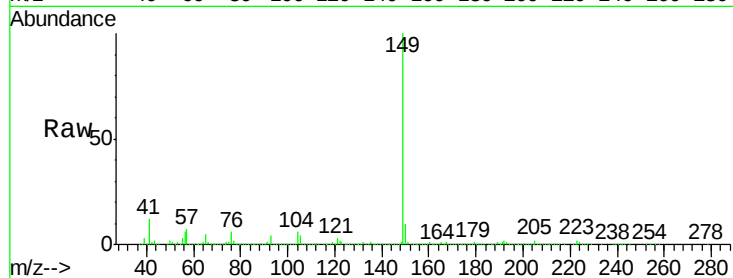
149 100

150 9.7 7.1 10.7

104 6.2 3.2 4.8#

Manual Integrations
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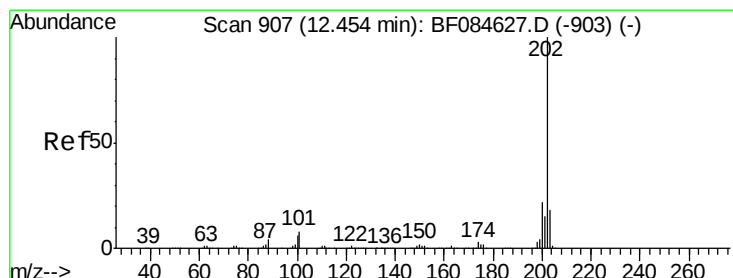
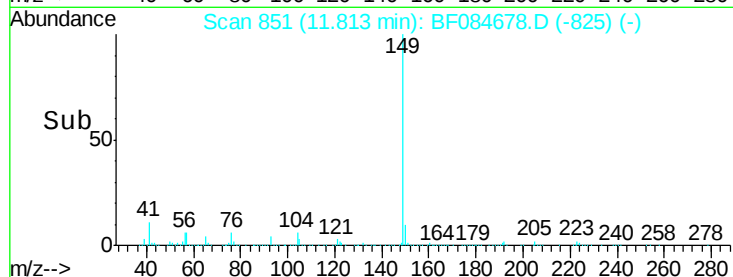
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.06 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

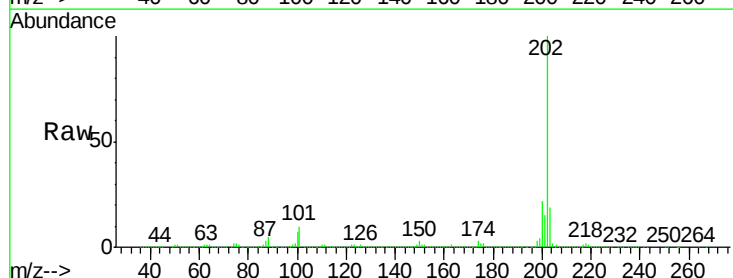
Tgt Ion:202 Resp: 1282348

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.8

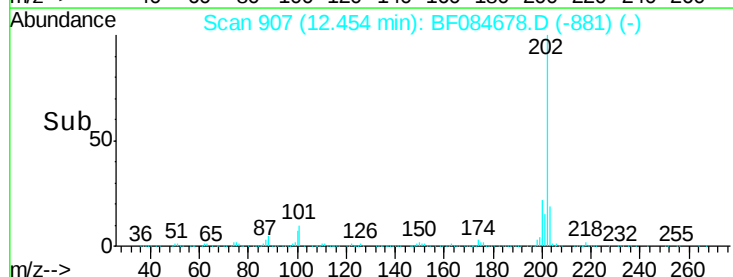
203 18.7 0.0 37.9

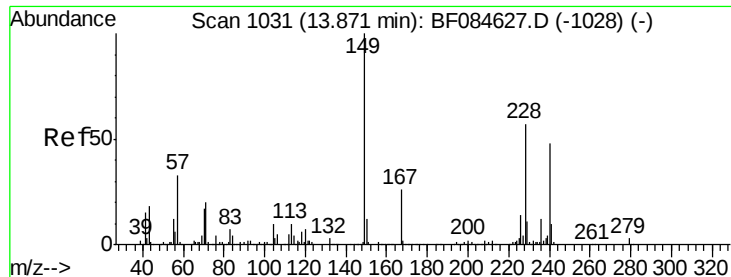


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

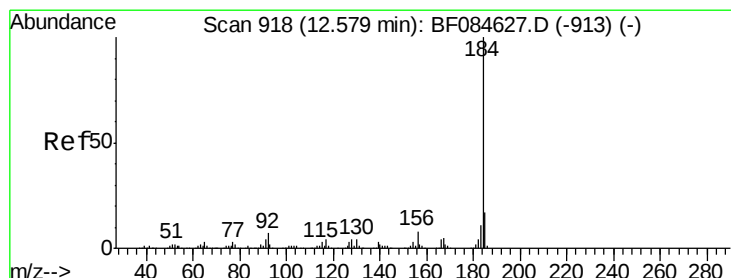
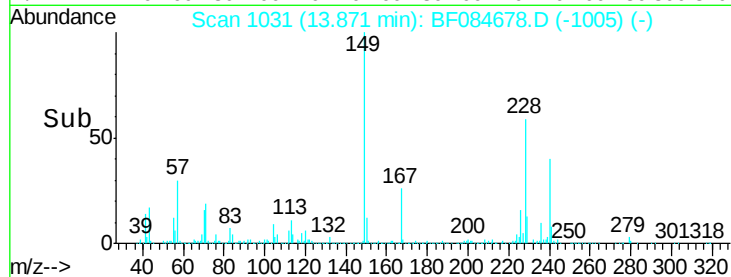
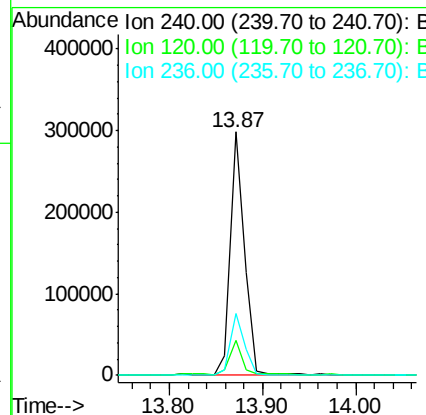
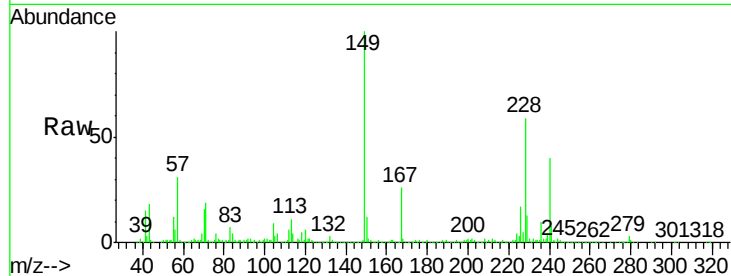
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.4	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 18.29 ng

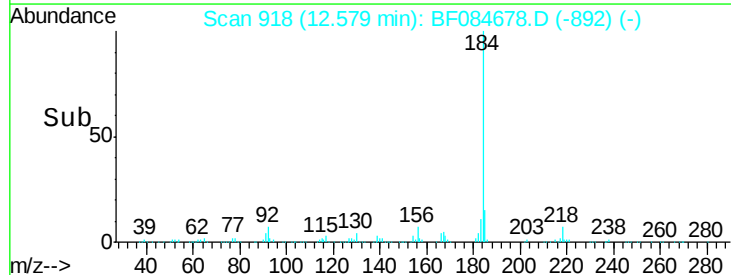
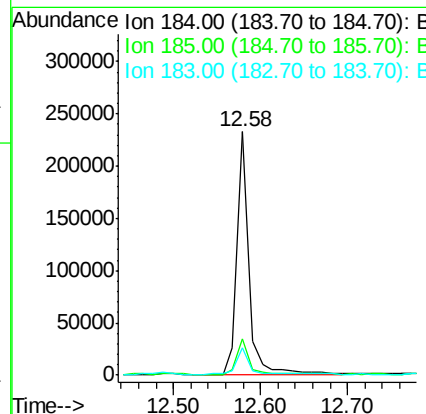
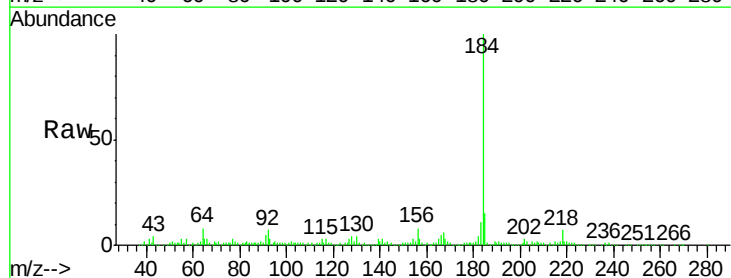
RT: 12.58 min Scan# 918

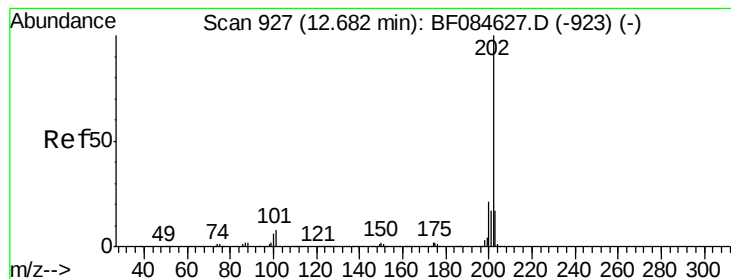
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.1	12.2	18.2
183	11.3	9.8	14.8





#77

Pvrene

Concen: 54.19 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:202 Resp: 1287287

Ion Ratio Lower Upper

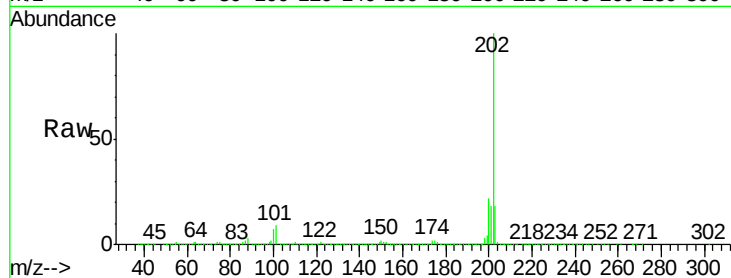
202 100

200 21.6 17.2 25.8

203 18.0 14.3 21.5

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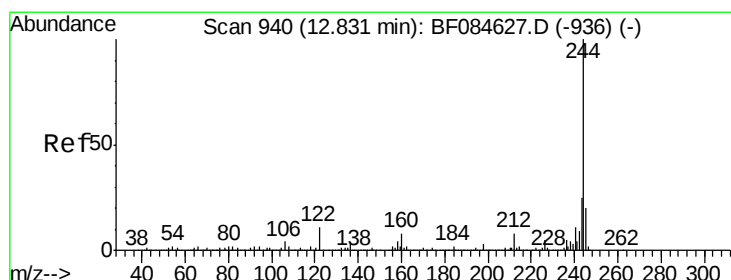
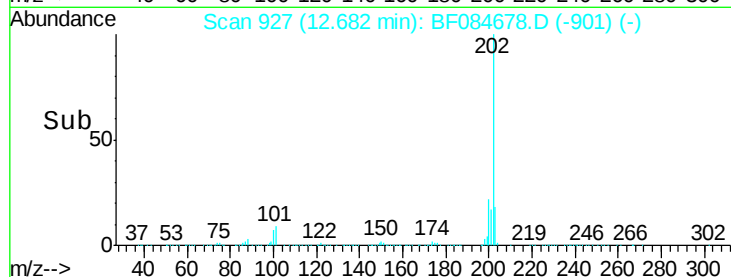
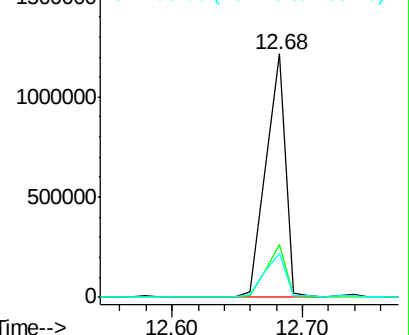
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.92 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

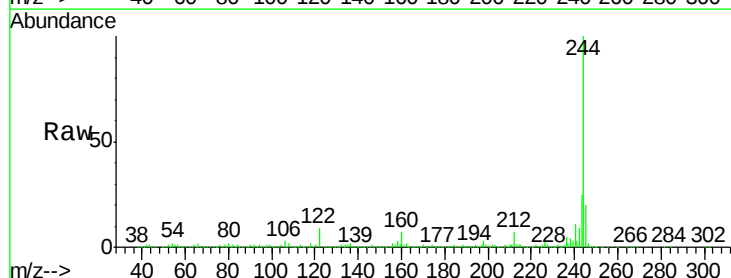
Tgt Ion:244 Resp: 1211967

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

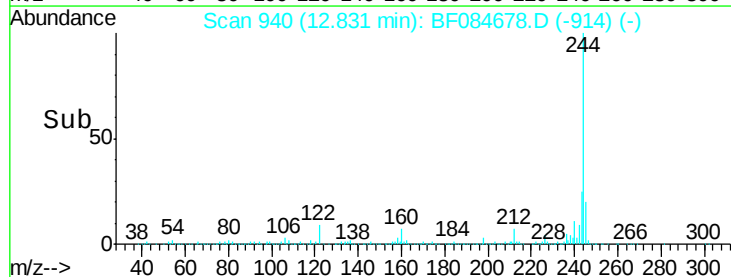
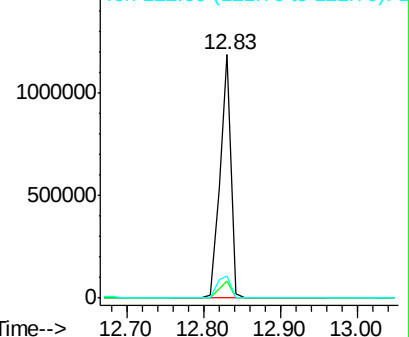
122 9.0 7.4 11.0

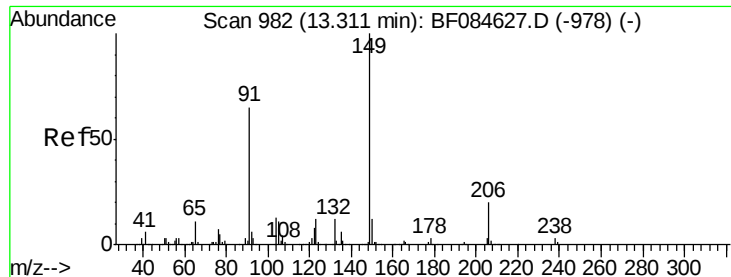


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.73 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

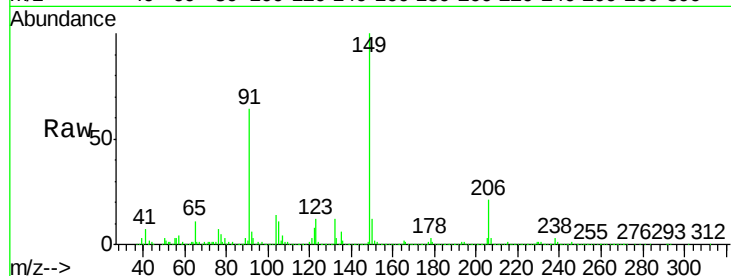
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	149	Resp:	514761
Ion Ratio	Lower	Upper	
149	100		
91	63.8	57.6	86.4
206	21.0	13.2	19.8

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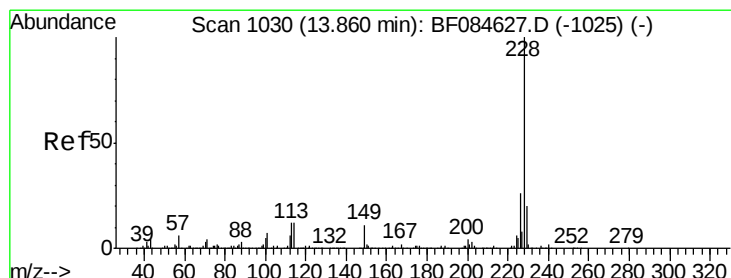
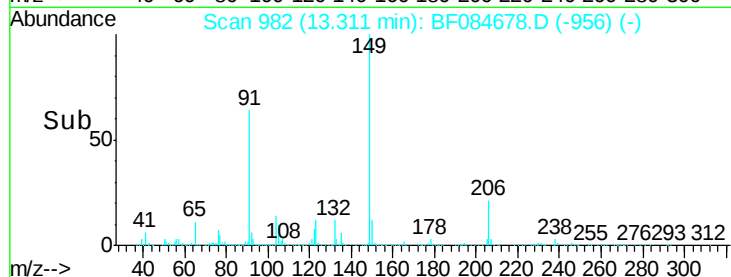
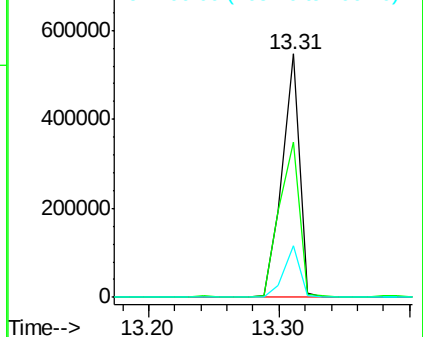
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.66 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084678.D

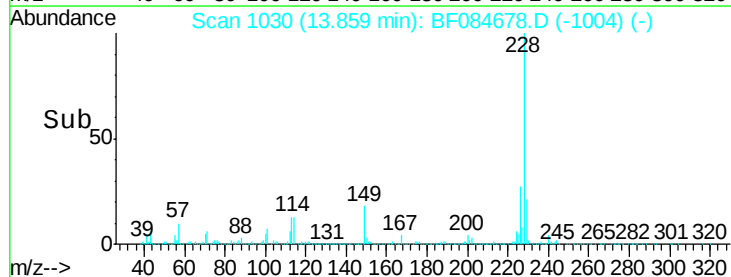
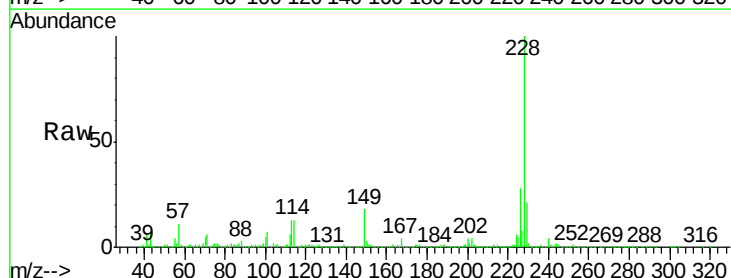
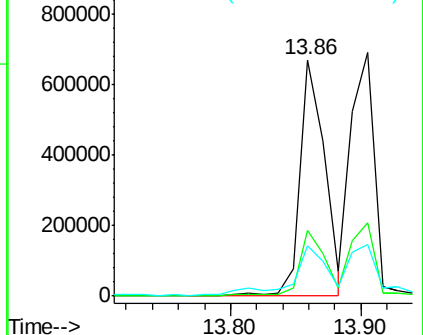
Acq: 30 Jan 2016 11:36

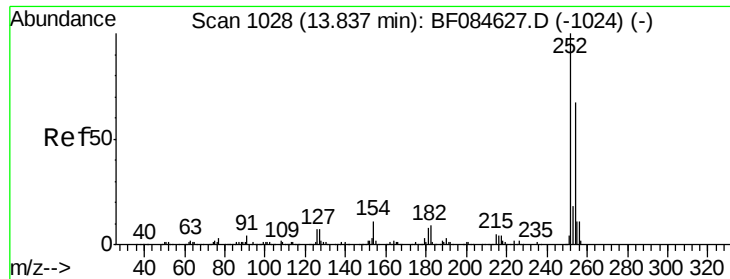
Tgt Ion:	228	Resp:	876812
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.6
229	21.3	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





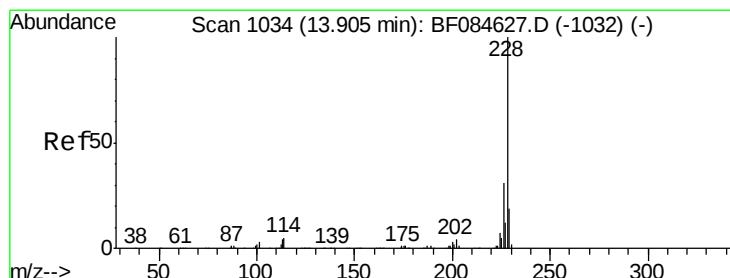
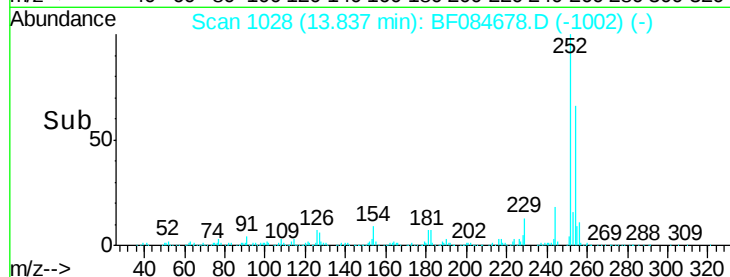
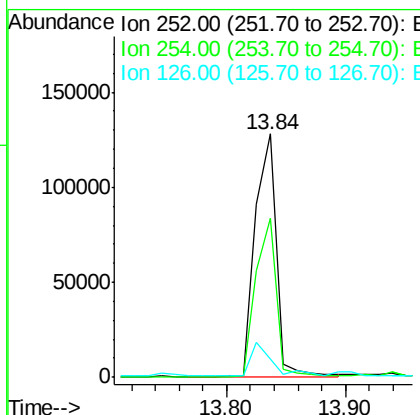
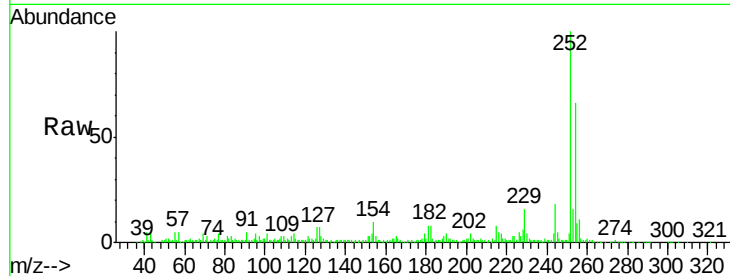
#81
 3,3'-Dichlorobenzidine
 Concen: 23.14 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	159836		
254	65.6	53.5	80.3	
126	7.5	4.9	7.3	

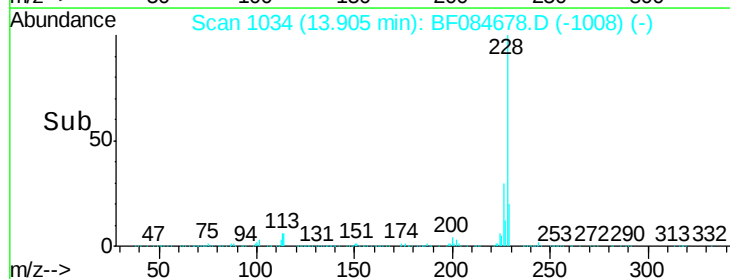
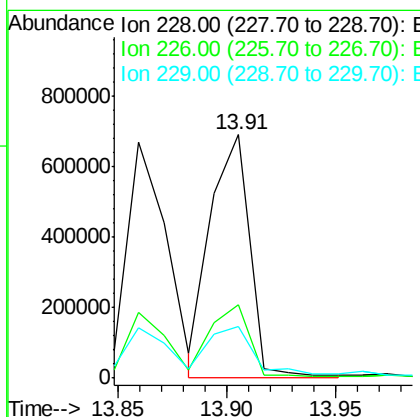
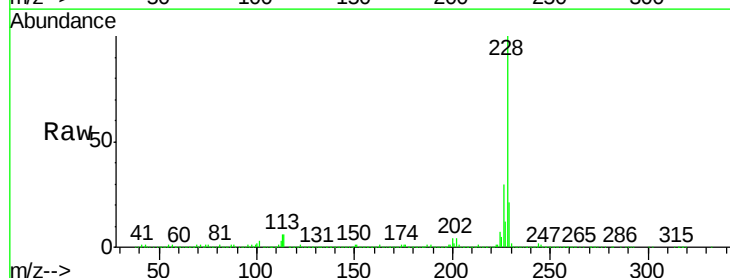
Manual Integrations
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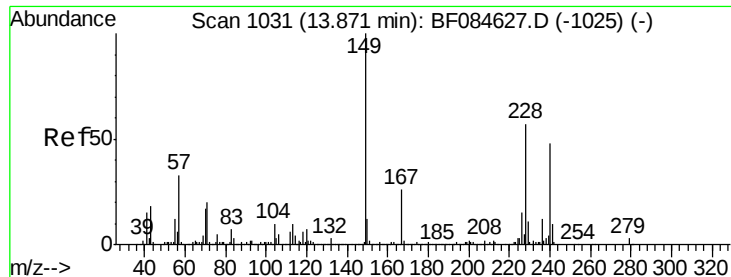
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#82
 Chrysene
 Concen: 44.79 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	866672		
226	30.0	24.3	36.5	
229	21.3	16.1	24.1	





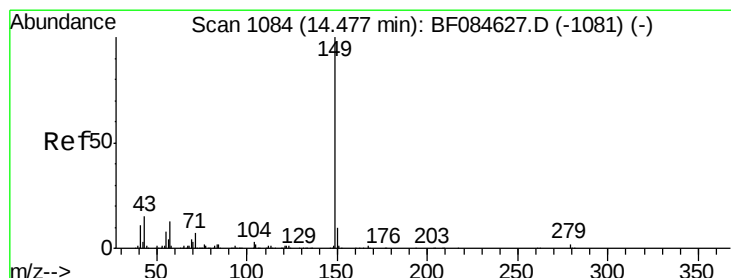
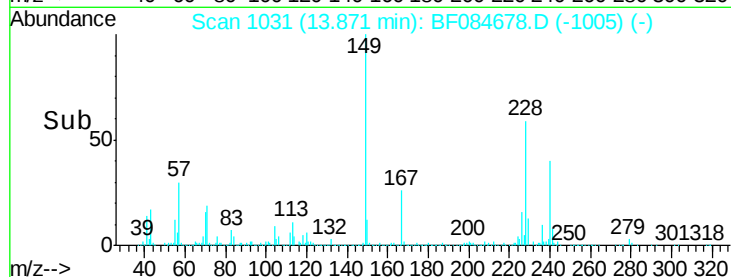
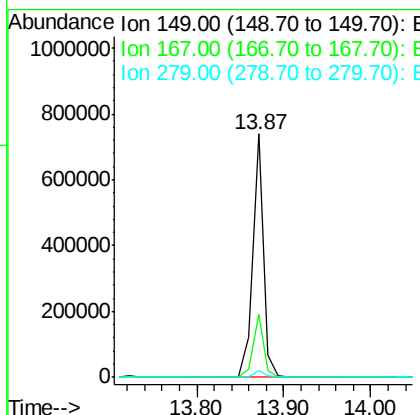
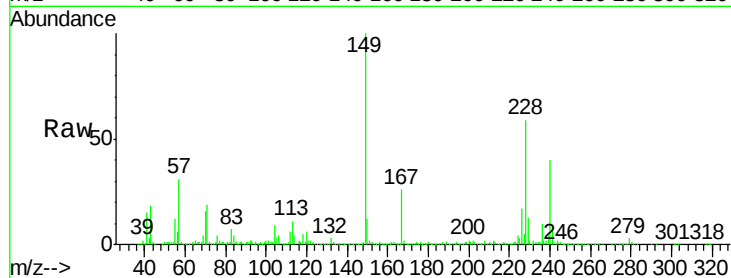
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.72 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	2.8	1.8	2.6

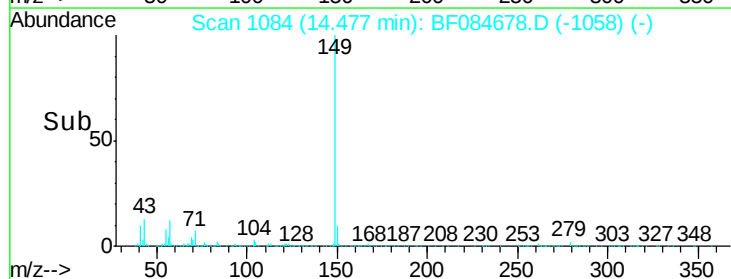
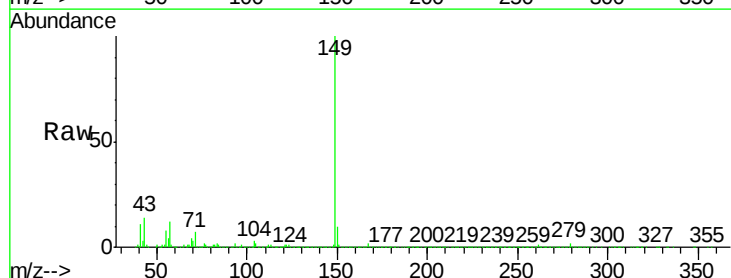
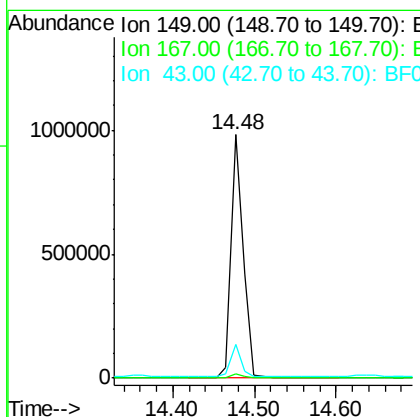
Manual Integrations
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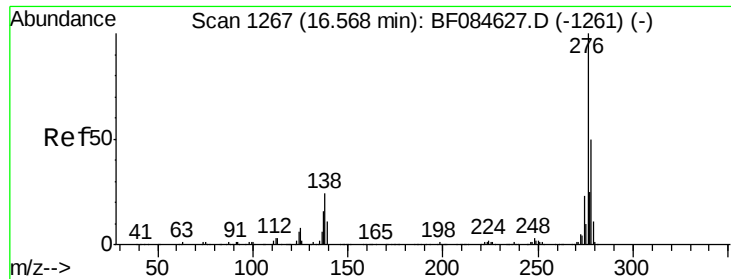
mohammad
2/1/2016 2:25:53 PM



#84
Di-n-octyl phthalate
Concen: 48.41 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	5.6	8.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.55 ng

RT: 16.58 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

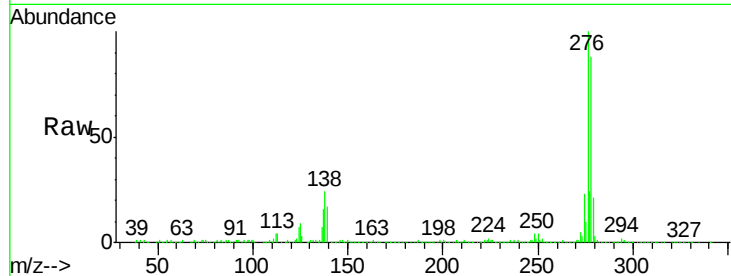
ClientSampleId :

SUP-B015(6-9)MS

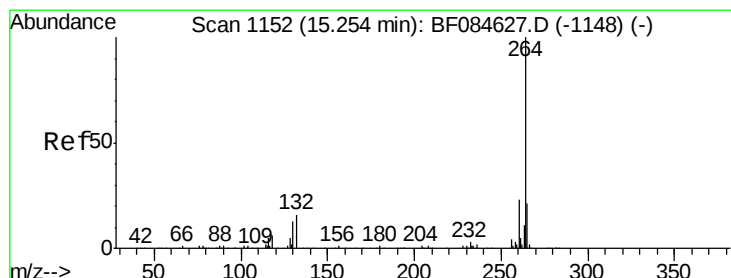
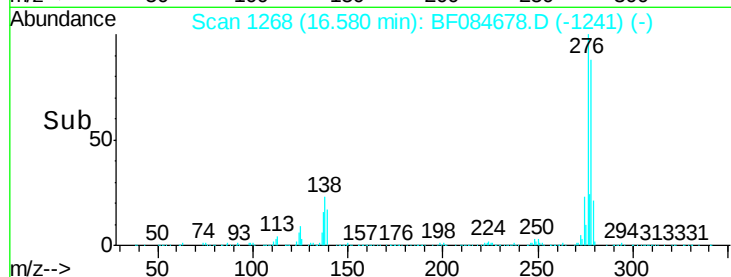
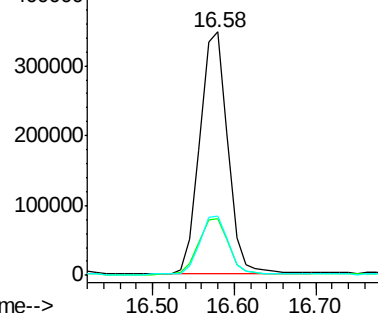
Tot Ion:	276	Resp:	830528
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.6	30.8
277	25.0	20.1	30.1

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



#86

Perylene-d12

Concen: 20.00 ng

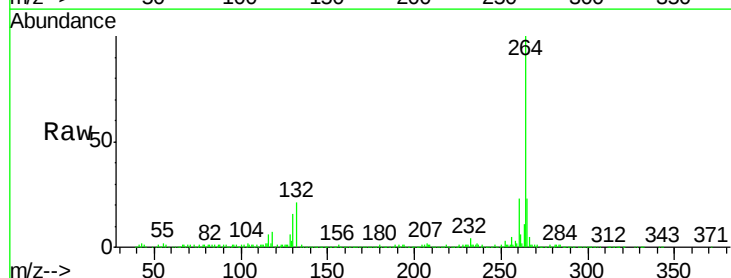
RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

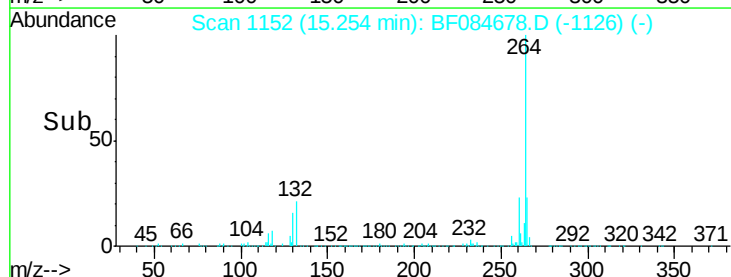
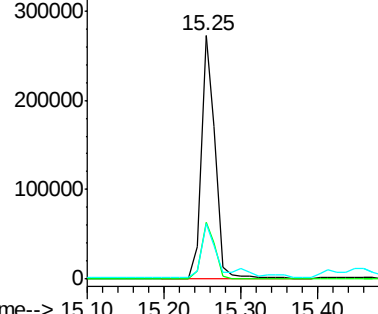
Lab File: BF084678.D

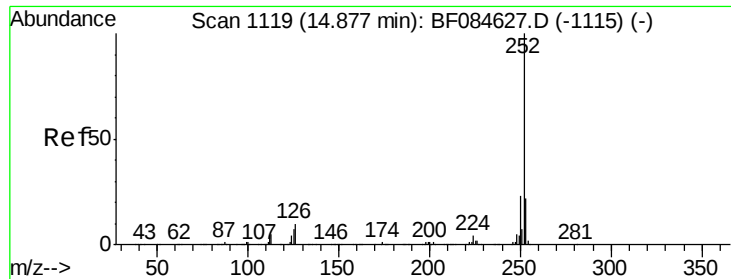
Acq: 30 Jan 2016 11:36

Tgt Ion:	264	Resp:	348523
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	23.0	17.8	26.6



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





#87

Benzo(b)fluoranthene

Concen: 40.47 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

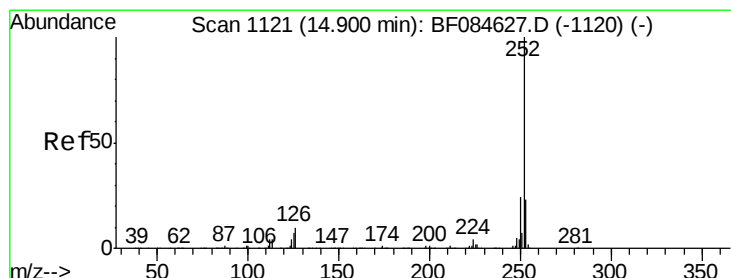
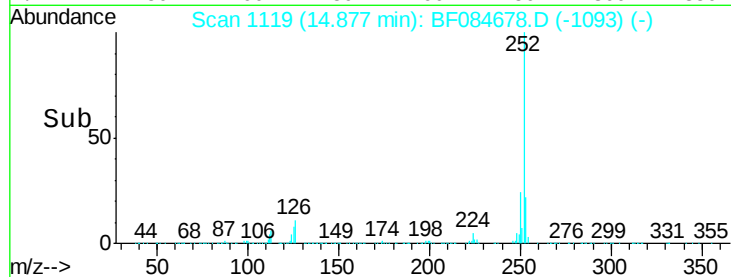
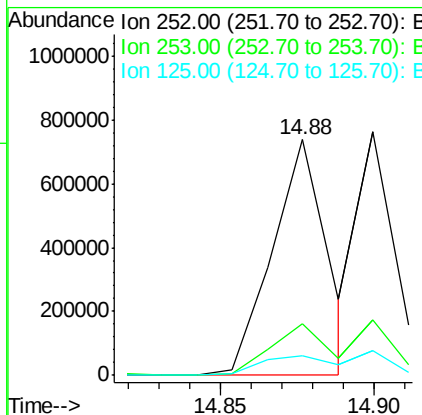
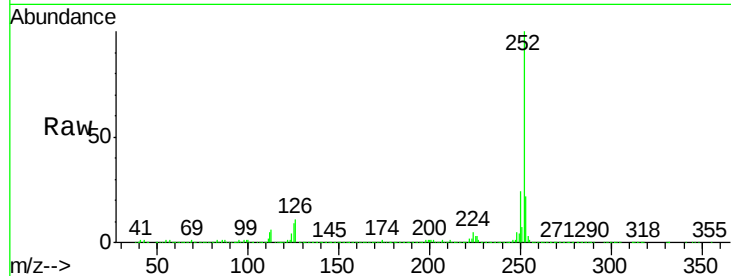
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	252	Resp:	913335
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	8.6	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 35.11 ng m

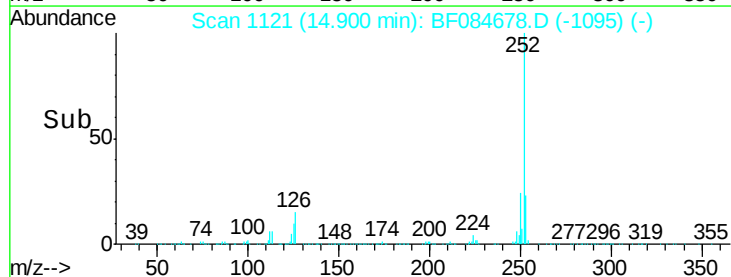
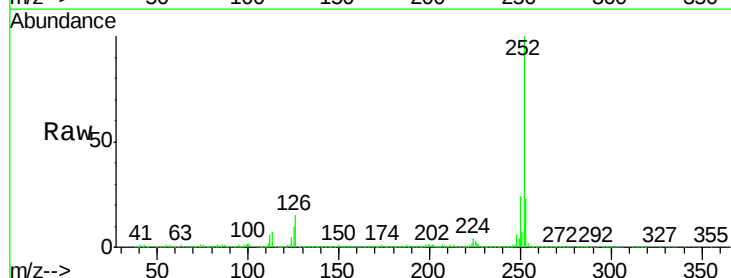
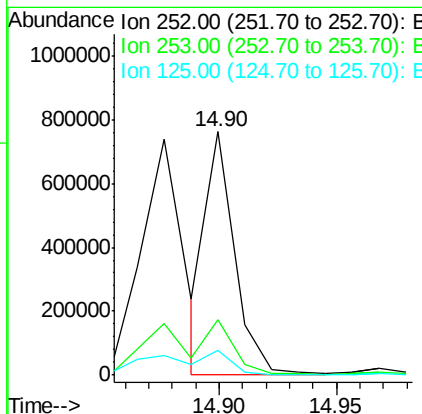
RT: 14.90 min Scan# 1121

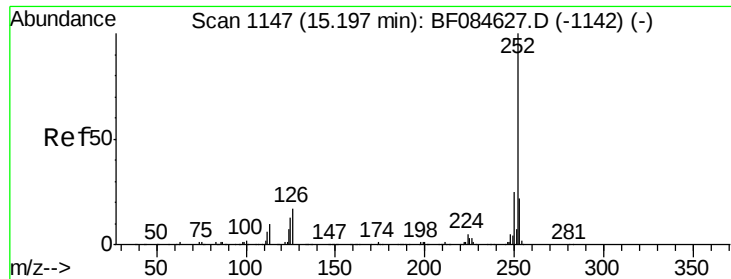
Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	252	Resp:	654477
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	10.4	9.0	13.6





#89

Benzo(a)pyrene

Concen: 38.72 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

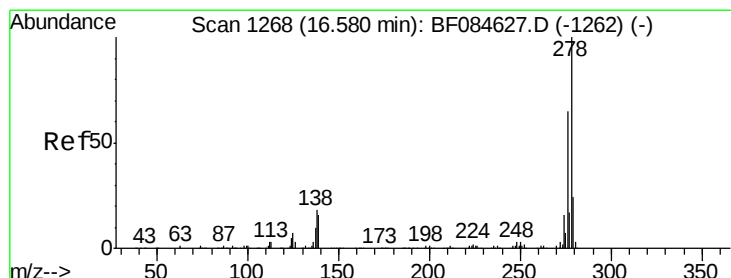
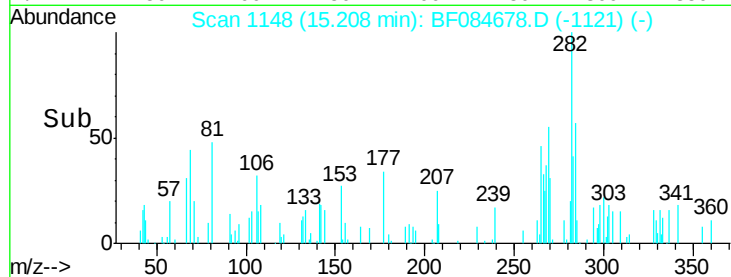
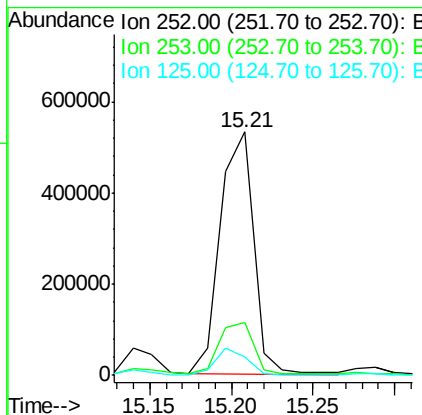
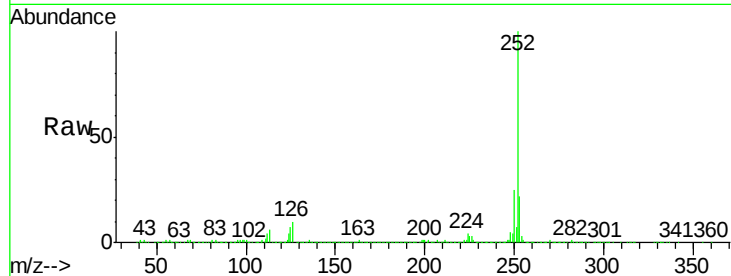
ClientSampleId :

SUP-B015(6-9)MS

Tot Ion:	252	Resp:	755906
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.5	7.0	10.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 39.60 ng

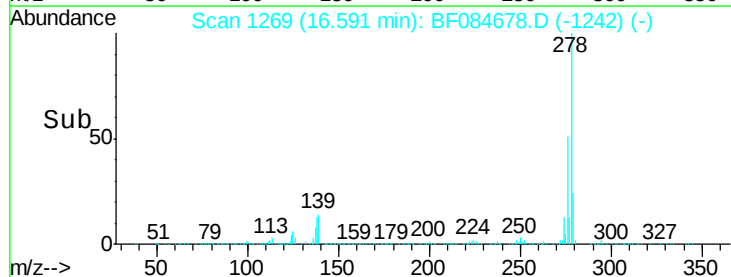
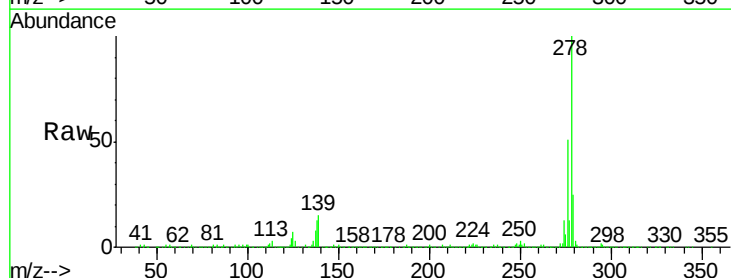
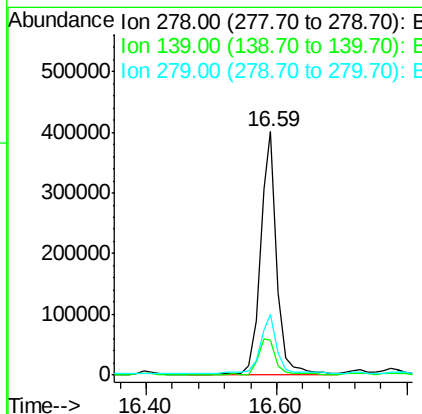
RT: 16.59 min Scan# 1269

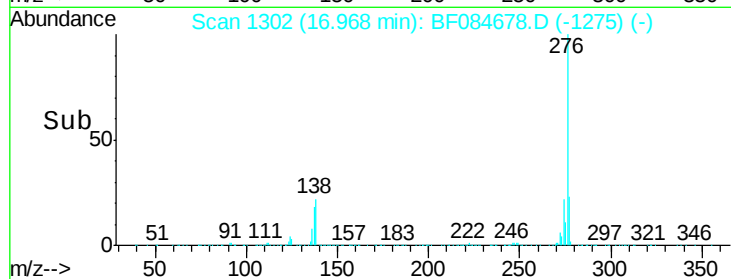
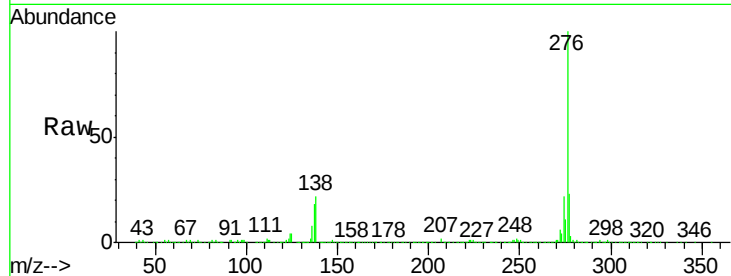
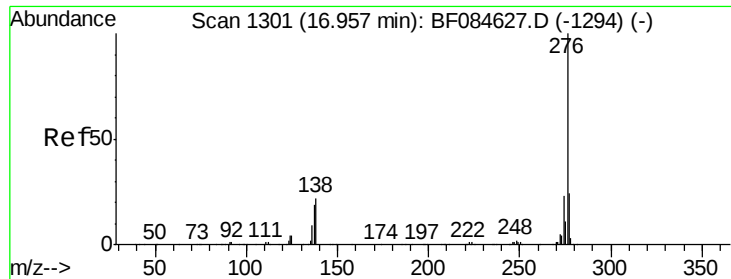
Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:	278	Resp:	696669
Ion Ratio	Lower	Upper	
278	100		
139	14.5	15.0	22.4#
279	25.0	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 40.02 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tot Ion: 276 Resp: 710778

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.8 17.8 26.6

Manual Integrations
APPROVED

mohammad
2/1/2016 2:25:53 PM

