

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084675.D
 Acq On : 30 Jan 2016 10:13
 Operator : SJ/IZ
 Sample : H1303-10MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Manual Integrations
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 2/1/2016 2:25:35 PM

Quant Time: Feb 01 01:14:10 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	177751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	708364	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	332615	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	577371	20.00	ng	0.00
75) Chrysene-d12	13.87	240	338888	20.00	ng	0.00
86) Perylene-d12	15.25	264	332163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1378938	117.10	ng	0.01
7) Phenol-d6	6.38	99	1831103	129.74	ng	0.01
23) Nitrobenzene-d5	7.30	82	1133328	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	455259	130.59	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1678424	75.00	ng	0.00
78) Terphenyl-d14	12.83	244	1583268	105.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	162836	29.66	ng	# 73
3) Pyridine	2.94	79	508133	34.74	ng	# 71
4) n-Nitrosodimethylamine	2.90	42	271120	37.91	ng	81
6) Aniline	6.40	93	560781	30.95	ng	# 44
8) 2-Chlorophenol	6.51	128	537179	41.13	ng	89
9) Benzaldehyde	6.27	77	25894	3.17	ng	96
10) Phenol	6.40	94	683760	43.47	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	514131	42.03	ng	# 81
12) 1,3-Dichlorobenzene	6.66	146	529880m	37.87	ng	
13) 1,4-Dichlorobenzene	6.74	146	526604	38.34	ng	96
14) 1,2-Dichlorobenzene	6.90	146	529399	41.86	ng	97
15) Benzyl Alcohol	6.88	79	426517	44.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	809616	38.67	ng	87
17) 2-Methylphenol	7.00	107	465834	46.01	ng	94
18) Hexachloroethane	7.24	117	208111	38.73	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	359814	41.74	ng	# 74
20) 3+4-Methylphenols	7.15	107	536424	43.66	ng	# 68
22) Acetophenone	7.14	105	757959	40.97	ng	# 99
24) Nitrobenzene	7.31	77	521827	38.73	ng	93
25) Isophorone	7.56	82	1049424	44.19	ng	95
26) 2-Nitrophenol	7.63	139	280715	43.82	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	463259	41.27	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	627736	44.05	ng	# 96
29) 2,4-Dichlorophenol	7.88	162	466552	47.51	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	458886	40.87	ng	95
31) Naphthalene	8.03	128	1401793	39.20	ng	99
32) Benzoic acid	7.79	122	138195	16.04	ng	94
33) 4-Chloroaniline	8.09	127	280550	19.29	ng	96
34) Hexachlorobutadiene	8.16	225	267989	40.39	ng	99
35) Caprolactam	8.46	113	142722m	50.65	ng	
36) 4-Chloro-3-methylphenol	8.59	107	520549	48.15	ng	93
37) 2-Methylnaphthalene	8.73	142	1049167	47.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	398303	36.92	ng	99
40) Hexachlorocyclopentadiene	8.88	237	401268	81.82	ng	96

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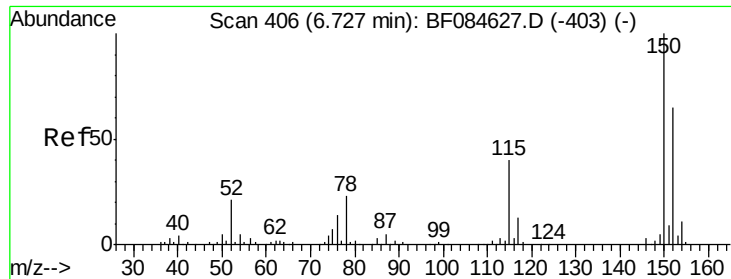
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	309226	46.15	nq	95
43) 2,4,5-Trichlorophenol	9.06	196	315352	45.58	nq	93
45) 1,1'-Biphenyl	9.20	154	1234101	40.48	nq	96
46) 2-Chloronaphthalene	9.22	162	898016	40.38	nq	# 86
47) 2-Nitroaniline	9.31	65	270133	40.44	nq	98
48) Acenaphthylene	9.63	152	1418269	42.09	nq	99
49) Dimethylphthalate	9.50	163	1468068	58.81	nq	# 91
50) 2,6-Dinitrotoluene	9.56	165	258553	47.07	nq	# 86
51) Acenaphthene	9.80	154	956219	42.37	nq	97
52) 3-Nitroaniline	9.72	138	151552	26.41	nq	96
53) 2,4-Dinitrophenol	9.84	184	216241	79.79	nq	94
54) Dibenzofuran	9.97	168	1270714	47.18	nq	98
55) 4-Nitrophenol	9.90	139	356380	84.53	nq	# 81
56) 2,4-Dinitrotoluene	9.96	165	323587	45.35	nq	# 92
57) Fluorene	10.32	166	929668	40.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	243210	46.50	nq	90
59) Diethylphthalate	10.20	149	1080646	44.22	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	399879	39.02	nq	92
61) 4-Nitroaniline	10.34	138	230604	42.45	nq	93
62) Azobenzene	10.46	77	1098241	46.95	nq	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	160243	42.49	nq	# 70
65) n-Nitrosodiphenylamine	10.43	169	903157	48.24	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	301527	46.37	nq	# 94
67) Hexachlorobenzene	10.85	284	289345	40.91	nq	# 83
68) Atrazine	10.96	200	241854	43.12	nq	99
69) Pentachlorophenol	11.06	266	320758	93.87	nq	100
70) Phenanthrene	11.26	178	1277151	40.00	nq	98
71) Anthracene	11.32	178	1479511	45.58	nq	99
72) Carbazole	11.48	167	1263274	45.16	nq	97
73) Di-n-butylphthalate	11.81	149	1387473	40.78	nq	# 96
74) Fluoranthene	12.45	202	1344550	42.60	nq	95
76) Benzidine	12.58	184	641468	49.77	nq	98
77) Pyrene	12.67	202	1274124	49.85	nq	98
79) Butylbenzylphthalate	13.31	149	558303	51.13	nq	# 83
80) Benzo(a)anthracene	13.86	228	904537	42.82	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	256175	34.46	nq	# 95
82) Chrysene	13.89	228	806602	38.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	704240	49.72	nq	# 96
84) Di-n-octyl phthalate	14.48	149	1091416	48.77	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.57	276	1032698	56.10	nq	99
87) Benzo(b)fluoranthene	14.87	252	1017061m	47.29	nq	
88) Benzo(k)fluoranthene	14.90	252	633823m	35.68	nq	
89) Benzo(a)pyrene	15.20	252	797272	42.85	nq	# 96
90) Dibenzo(a,h)anthracene	16.58	278	846814	50.50	nq	97
91) Benzo(g,h,i)perylene	16.96	276	887060	52.40	nq	98

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



#1

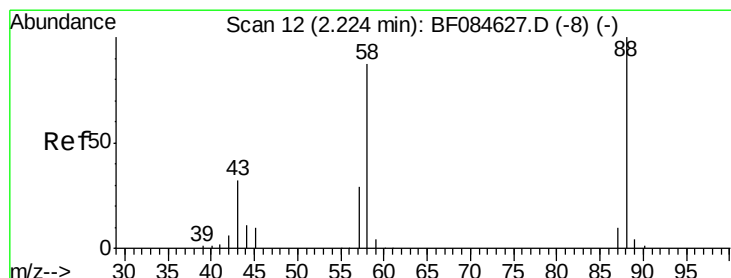
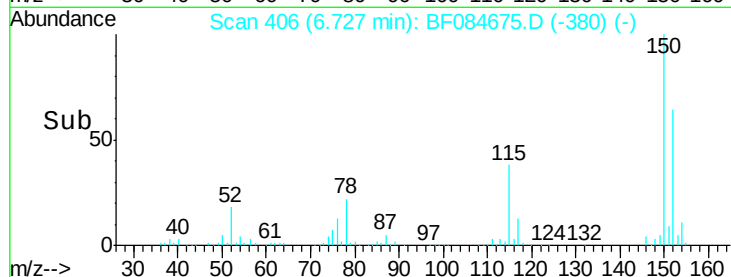
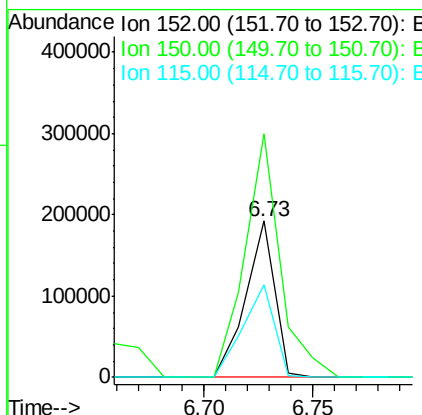
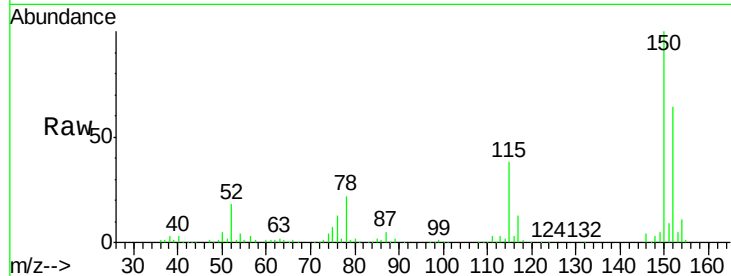
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	59.3	51.4	77.2

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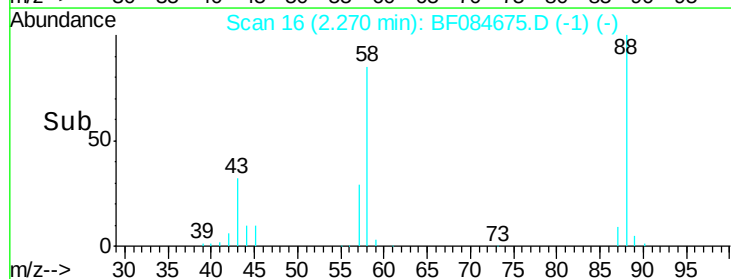
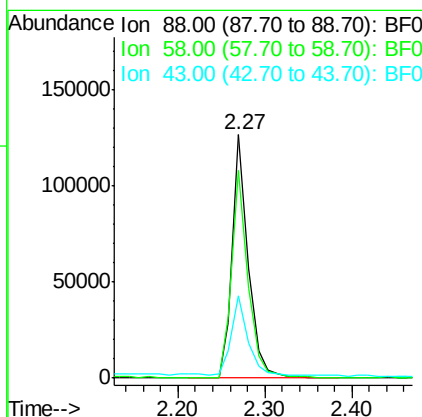
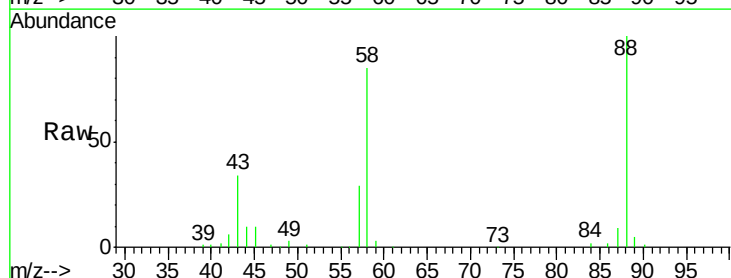
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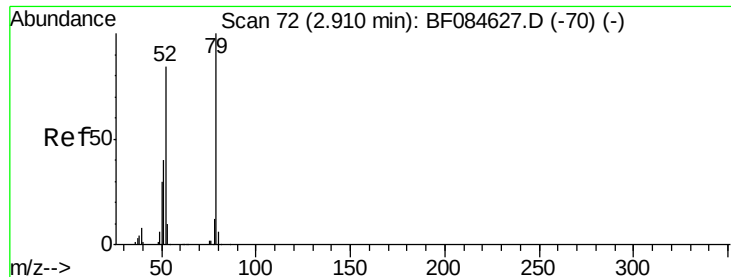


#2

1,4-Dioxane
Concen: 29.66 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.05 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	51.2	76.8#
43	34.9	19.5	29.3#





#3

Pvridine

Concen: 34.74 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

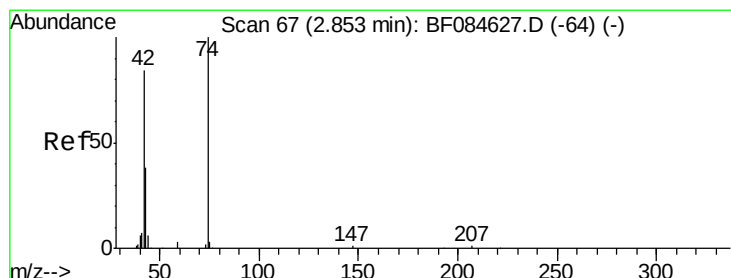
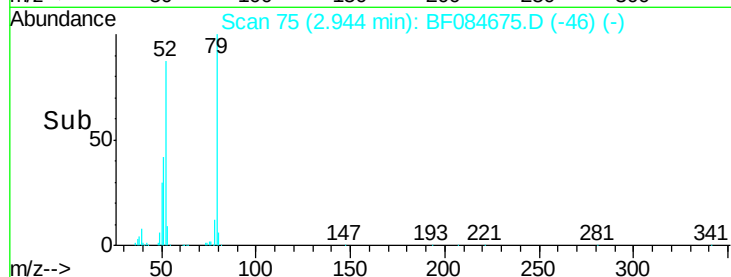
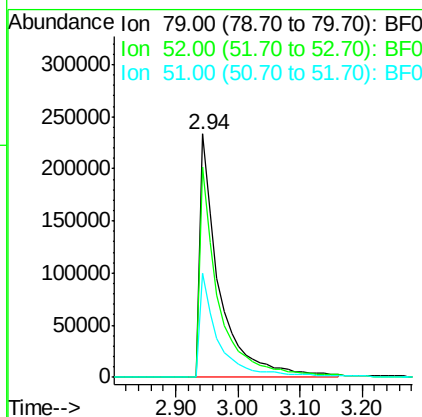
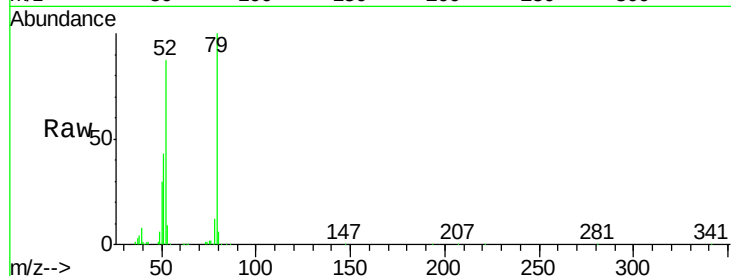
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	86.6	49.0	73.4#	
51	42.8	25.2	37.8#	

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#4

n-Nitrosodimethylamine

Concen: 37.91 ng

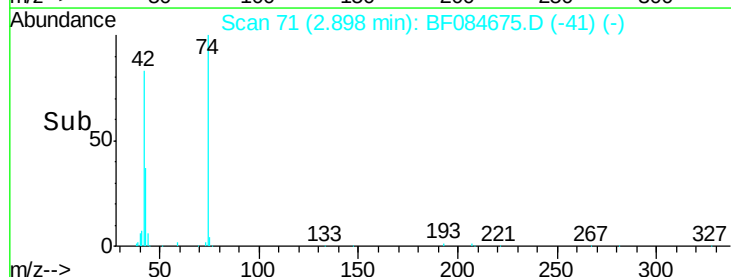
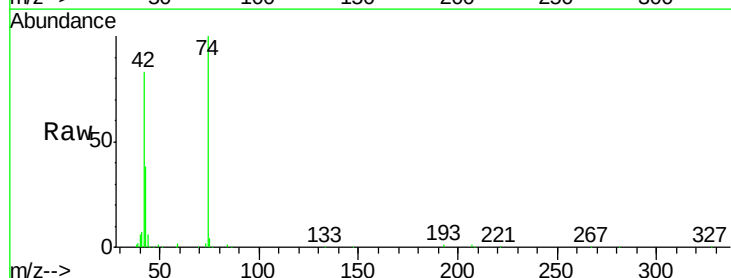
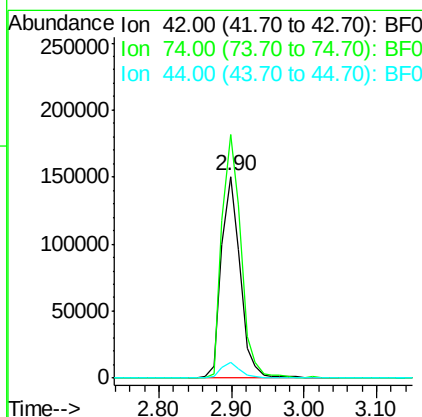
RT: 2.90 min Scan# 71

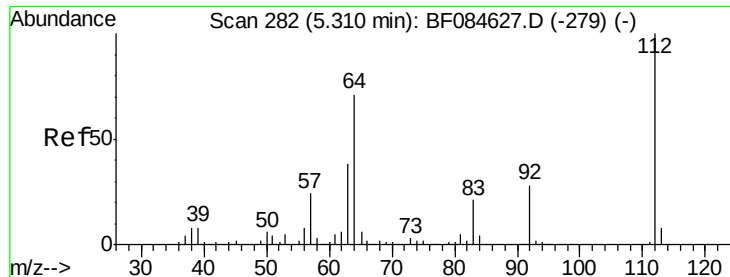
Delta R.T. 0.05 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	120.6	115.7	173.5	
44	7.6	5.1	7.7	





#5

2-Fluorophenol

Concen: 117.10 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

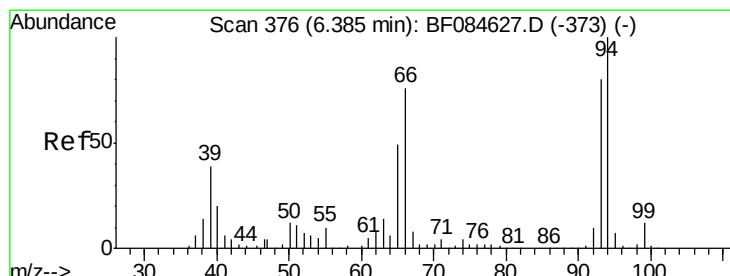
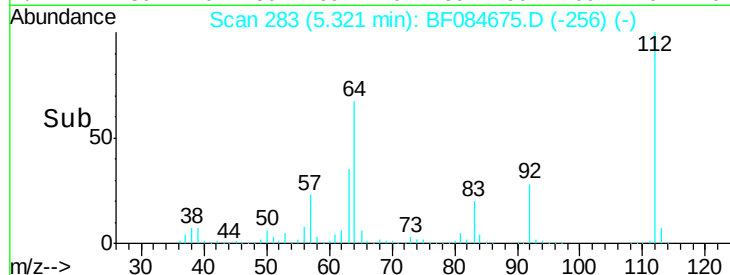
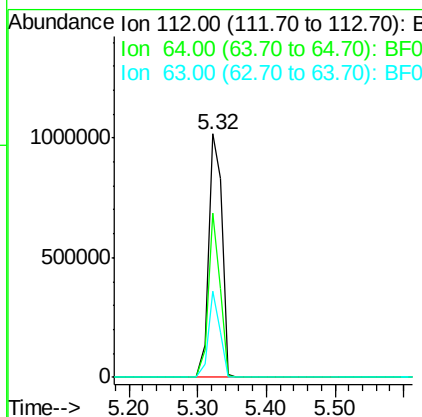
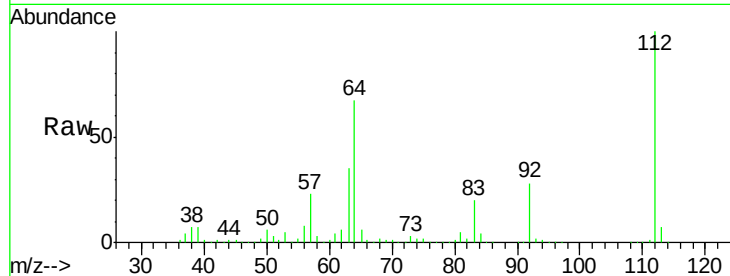
ClientSampleId :

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Tot Ion:	112	Resp:	1378938
Ion Ratio	Lower	Upper	
112	100		
64	67.3	36.6	55.0#
63	35.5	19.4	29.0#

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#6

Aniline

Concen: 30.95 ng

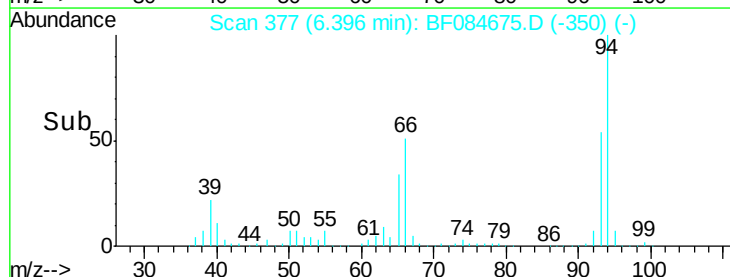
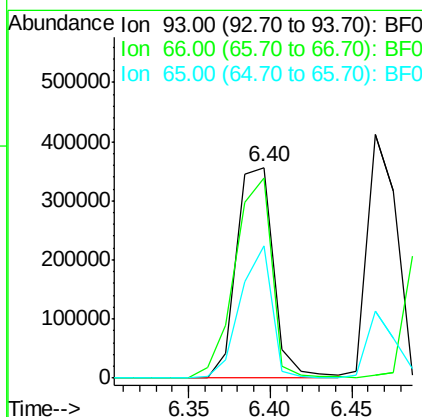
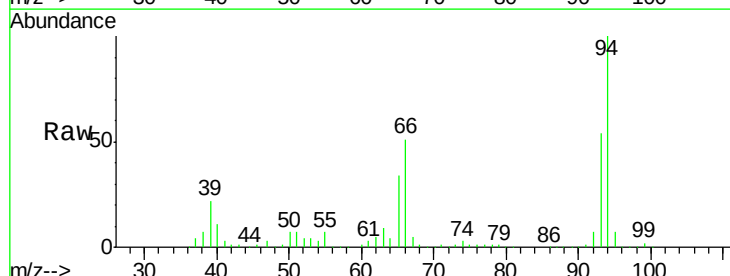
RT: 6.40 min Scan# 377

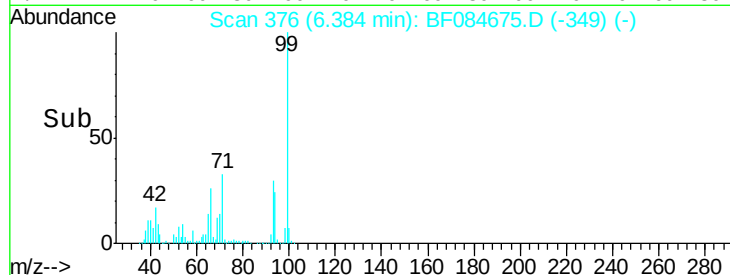
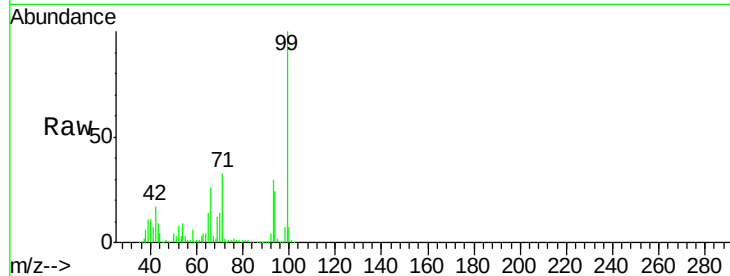
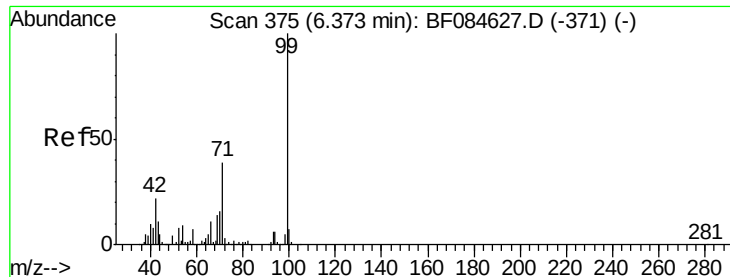
Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	93	Resp:	560781
Ion Ratio	Lower	Upper	
93	100		
66	94.7	44.9	67.3#
65	62.5	23.7	35.5#





#7

Phenol-d6

Concen: 129.74 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084675.D

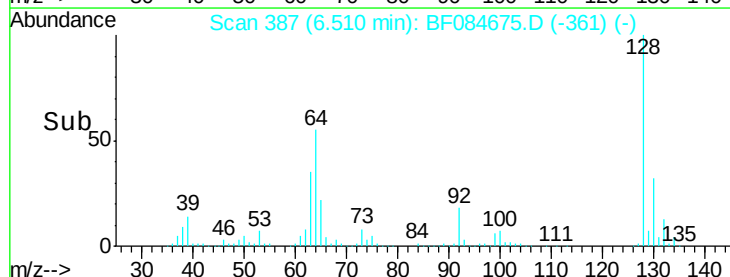
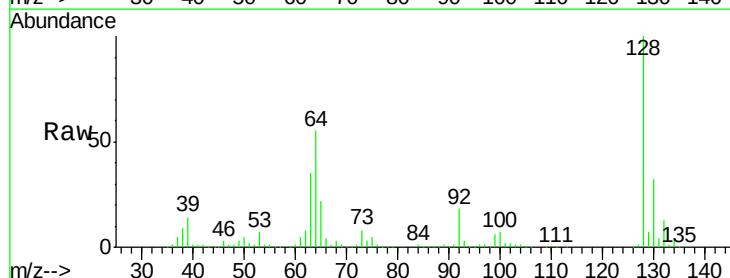
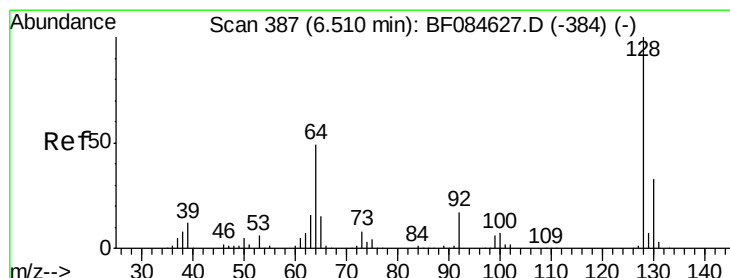
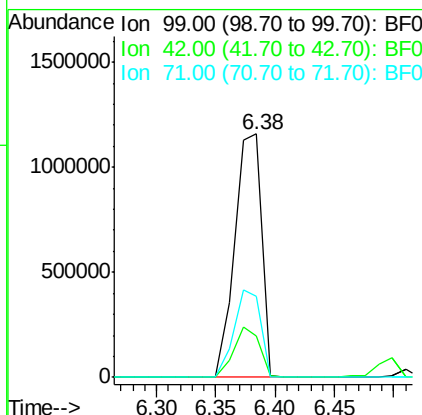
Acq: 30 Jan 2016 10:13

Tot Ion:	99	Resp:	1831103
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.8	19.2
71	33.4	30.9	46.3

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#8

2-Chlorophenol

Concen: 41.13 ng

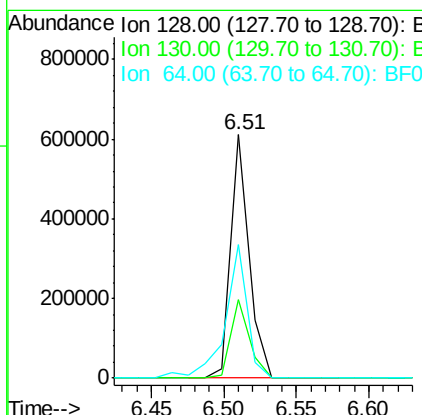
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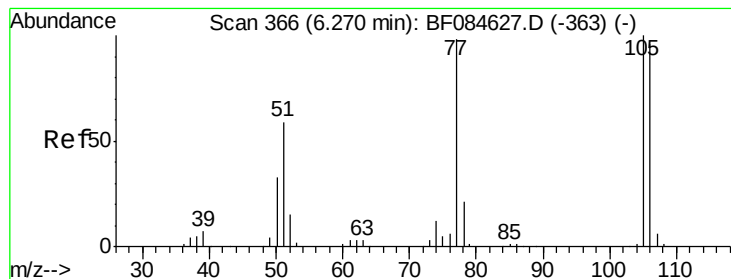
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	128	Resp:	537179
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	54.7	23.8	63.8





#9

Benzaldehyde

Concen: 3.17 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

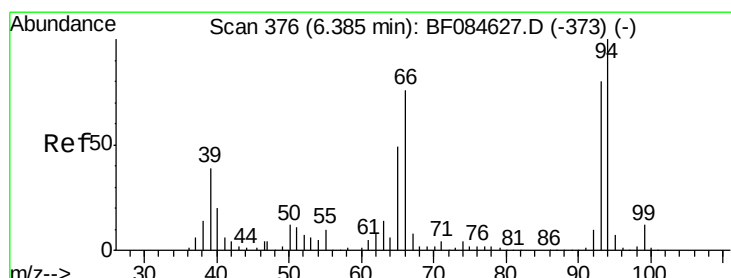
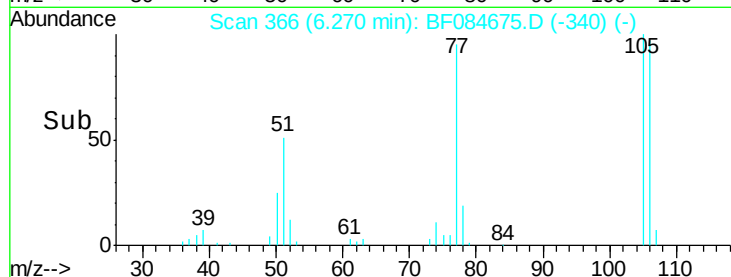
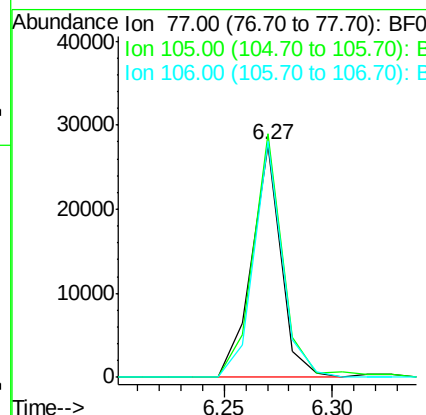
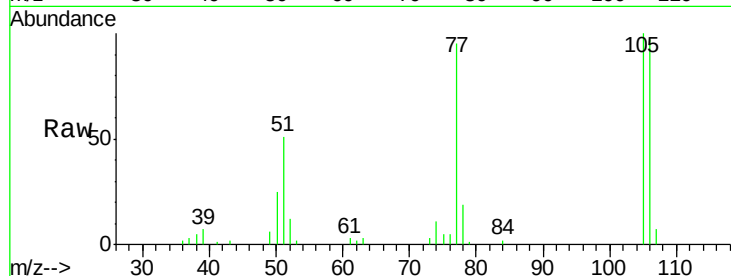
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	77	Resp:	25894
Ion	Ratio	Lower	Upper
77	100		
105	104.9	83.0	123.0
106	101.8	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 43.47 ng

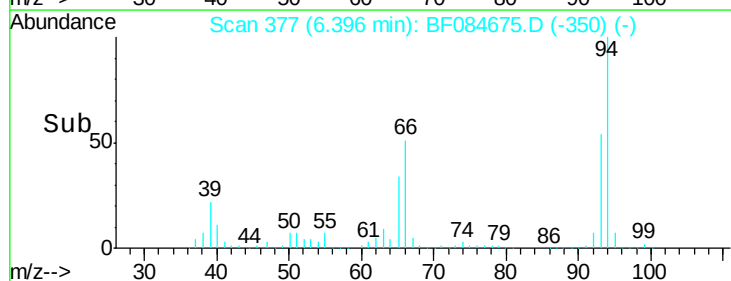
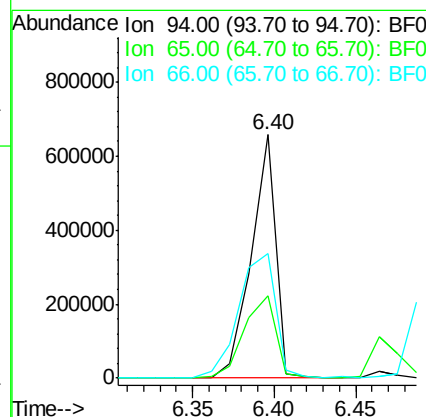
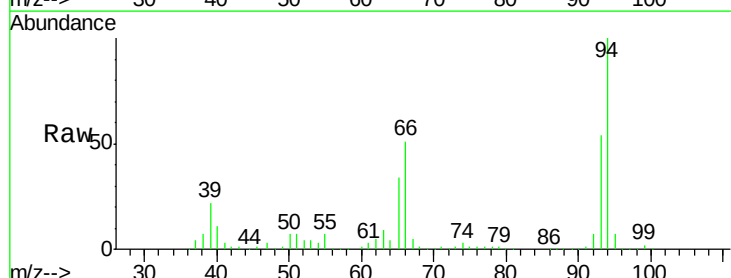
RT: 6.40 min Scan# 377

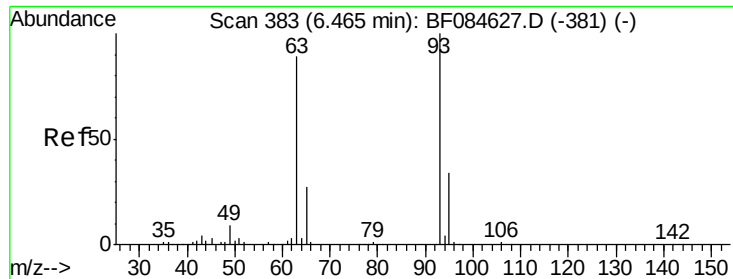
Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	94	Resp:	683760
Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.9	52.9
66	51.3	32.7	72.7





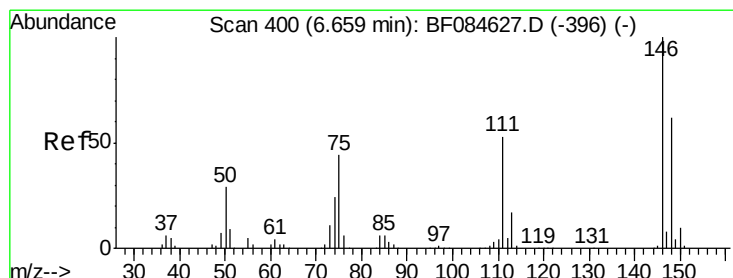
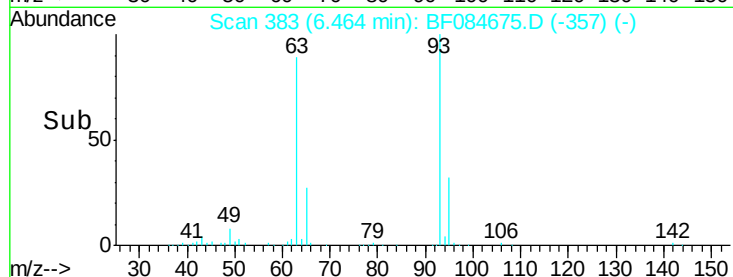
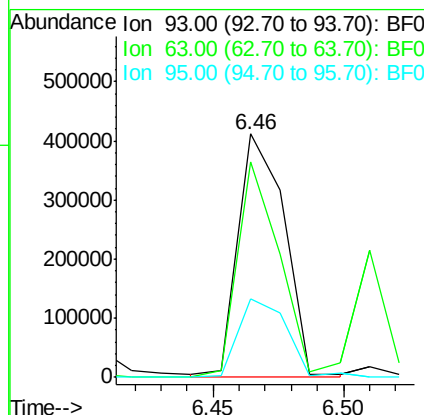
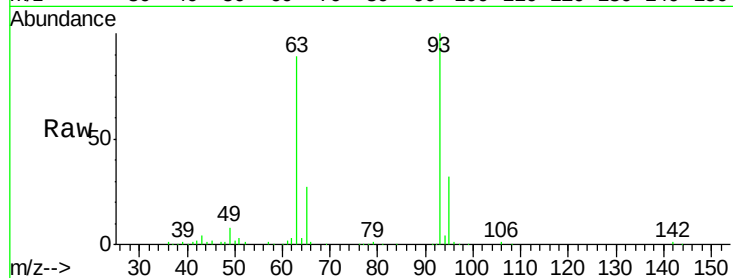
#11
bis(2-Chloroethyl)ether
Concen: 42.03 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	45.9	85.9#
95	32.1	12.3	52.3

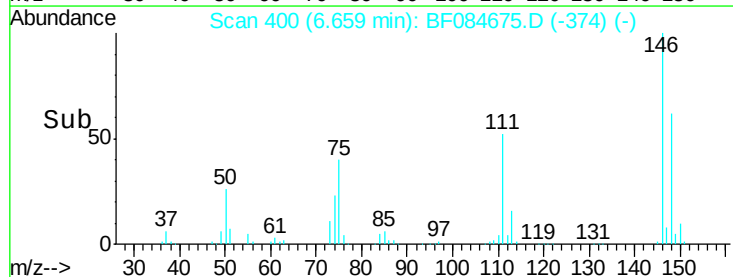
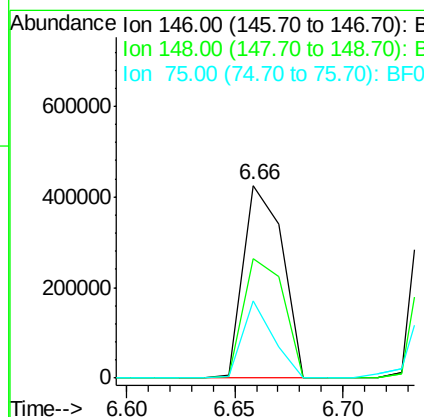
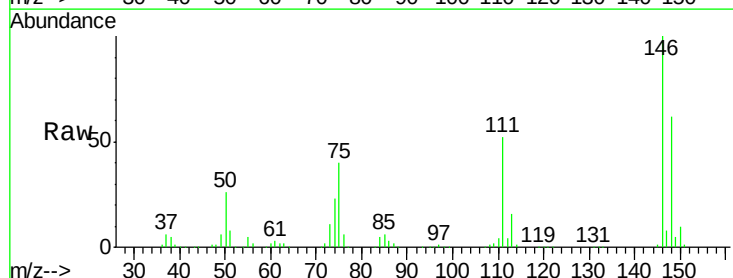
Manual Integrations
APPROVED

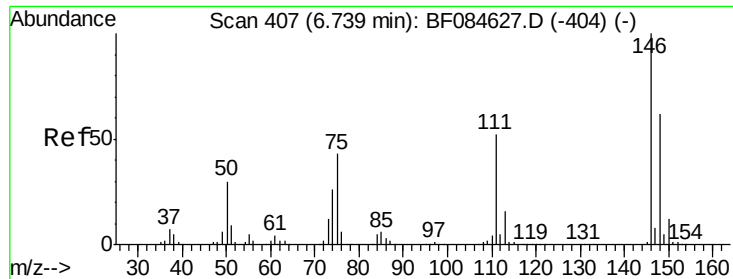
mohammad
2/1/2016 2:25:35 PM



#12
1,3-Dichlorobenzene
Concen: 37.87 ng m
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.9	77.9
75	40.1	20.5	30.7#





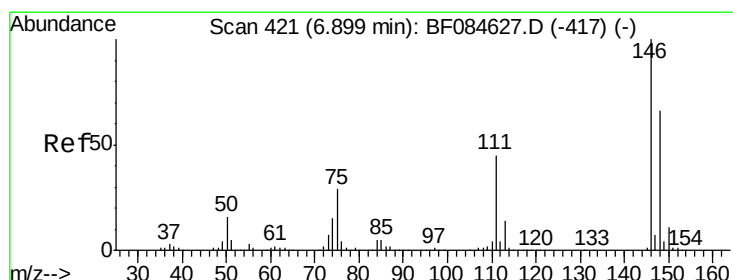
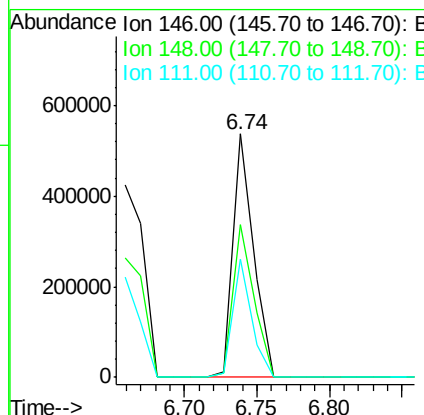
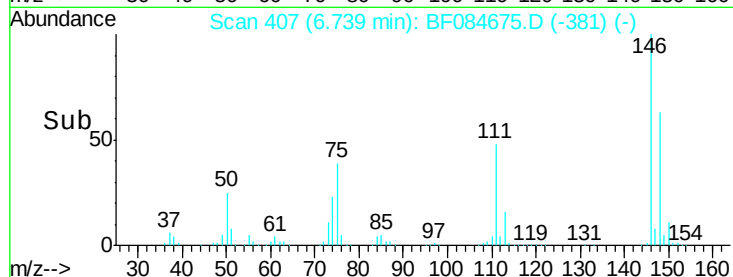
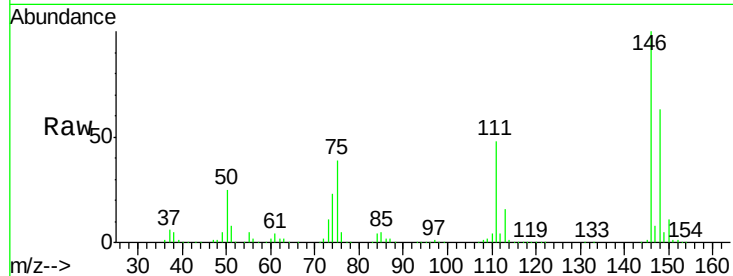
#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
111	48.4	41.6	62.4

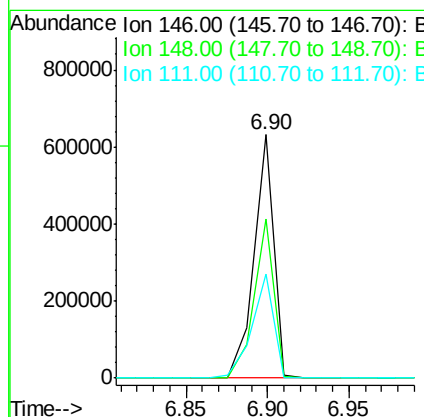
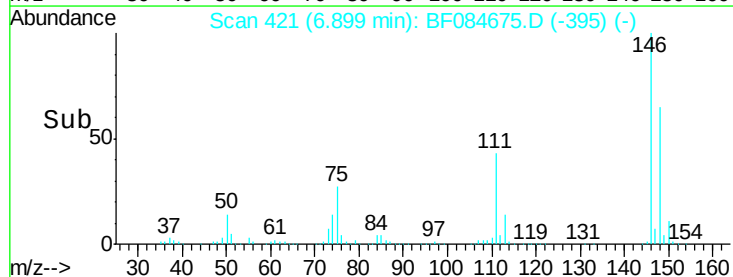
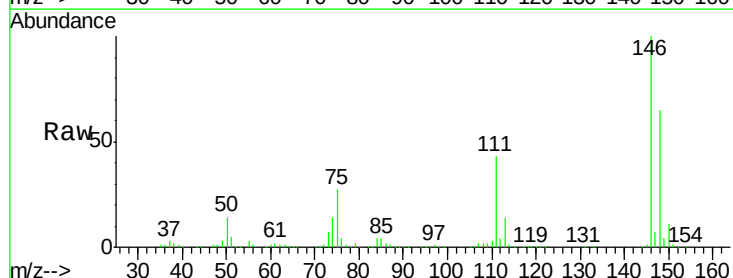
Manual Integrations
 APPROVED

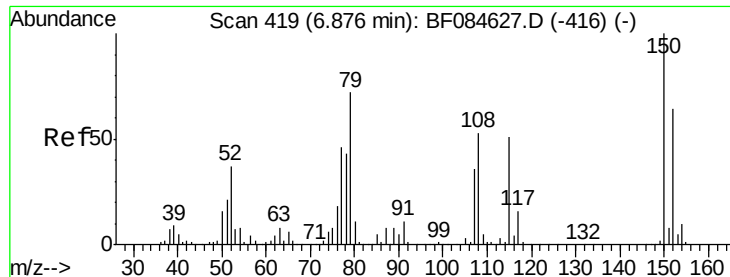
mohammad
 2/1/2016 2:25:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.86 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
111	43.0	38.0	57.0





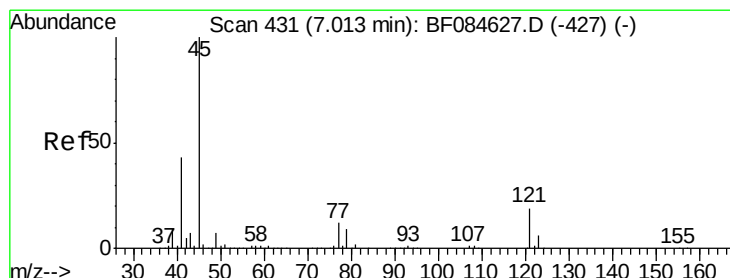
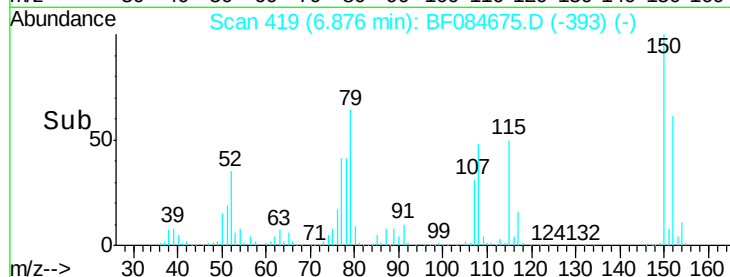
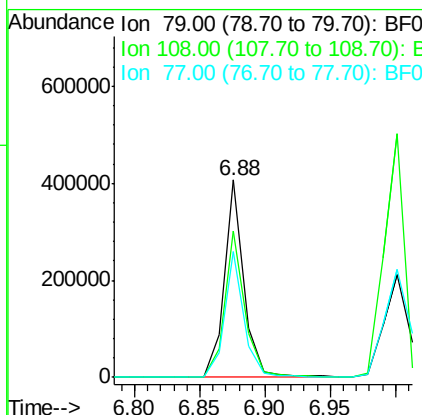
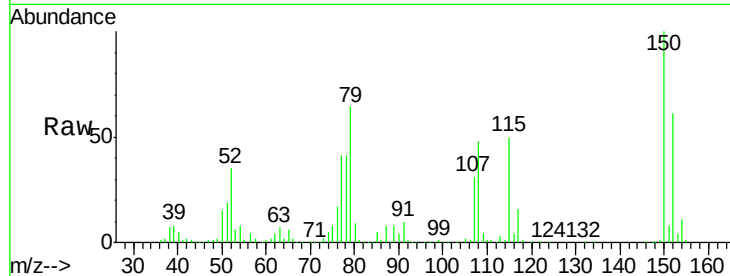
#15
Benzyl Alcohol
Concen: 44.40 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	69.0	103.4
77	63.5	50.0	75.0

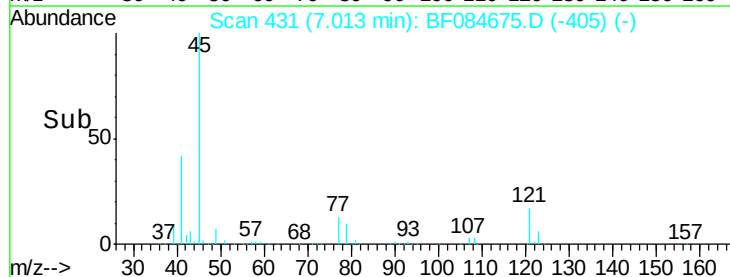
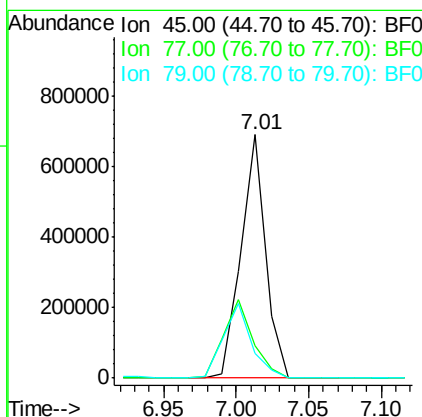
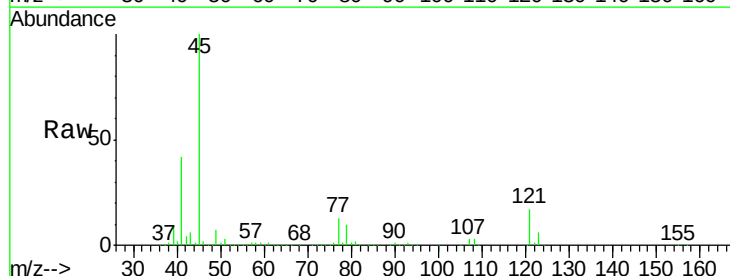
Manual Integrations
APPROVED

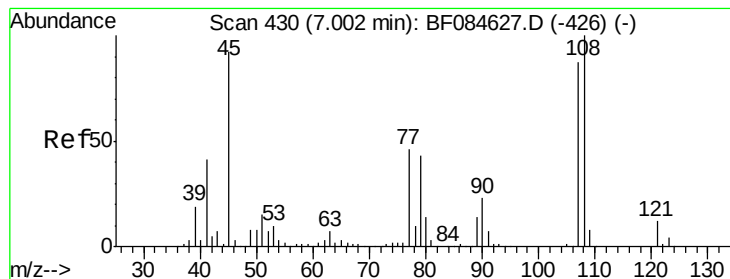
mohammad
2/1/2016 2:25:35 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.67 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	39.6
79	10.3	0.0	35.0





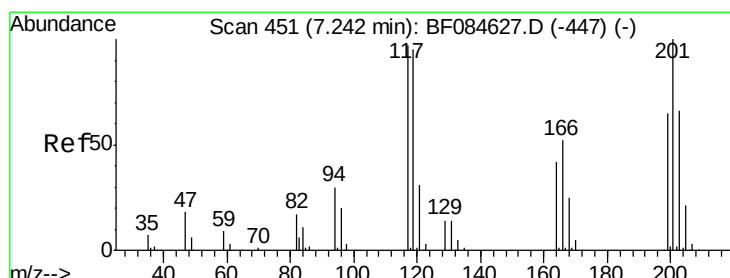
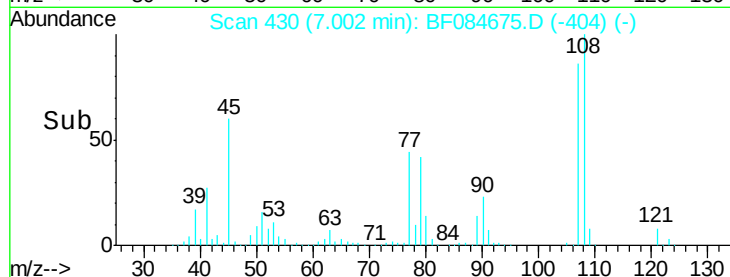
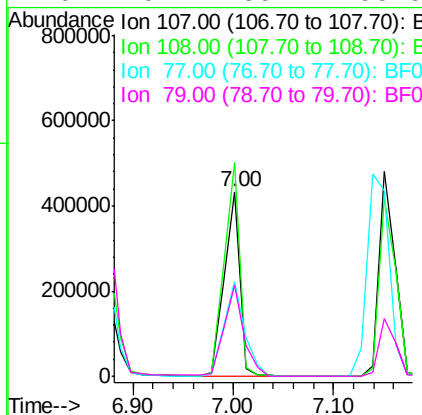
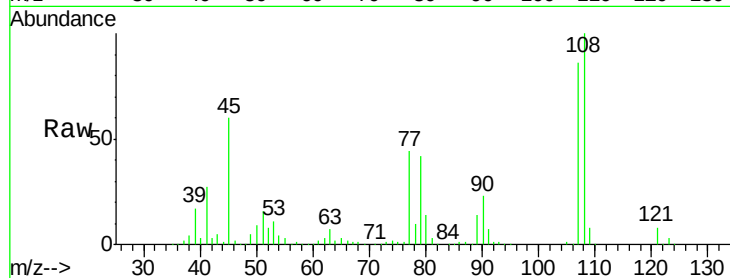
#17
2-Methylphenol
Concen: 46.01 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	107	Resp	465834
Ion Ratio	Lower	Upper	
107	100		
108	115.7	89.8	134.6
77	51.1	35.7	53.5
79	49.1	35.7	53.5

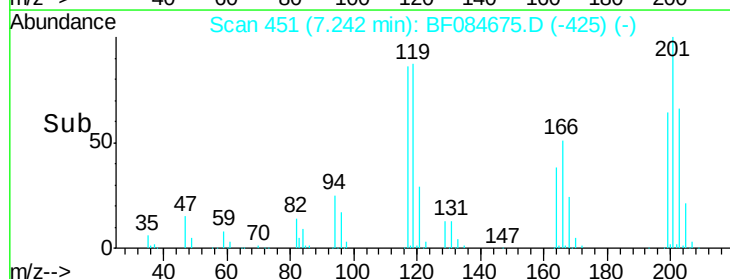
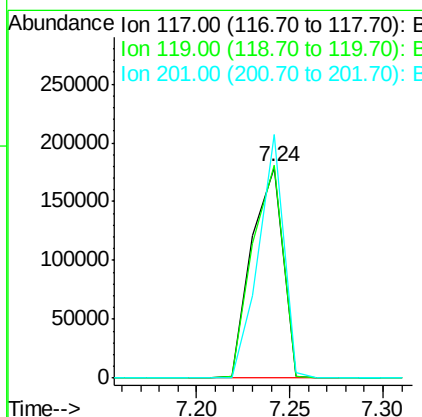
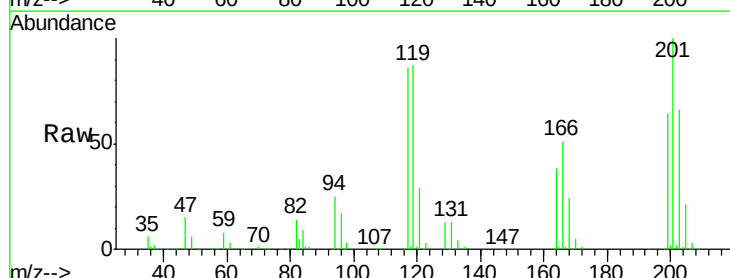
Manual Integrations
APPROVED

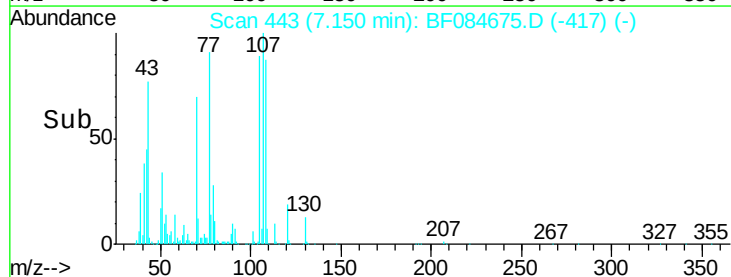
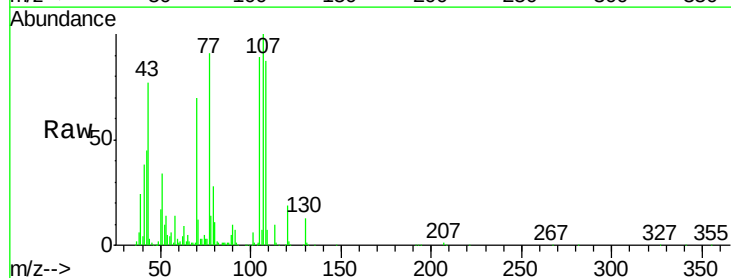
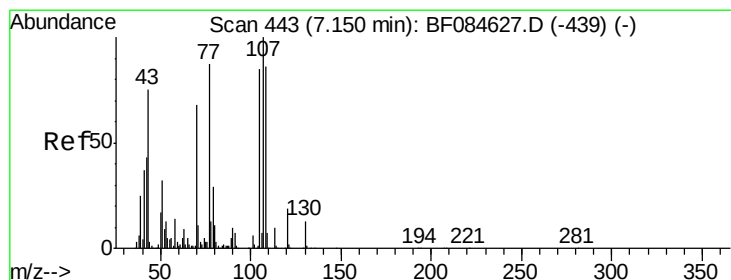
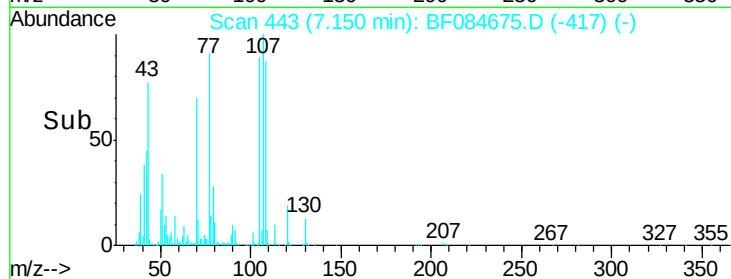
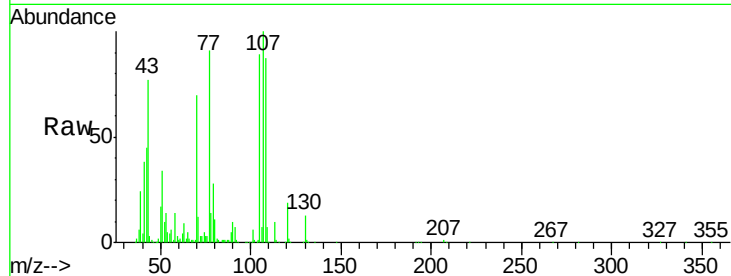
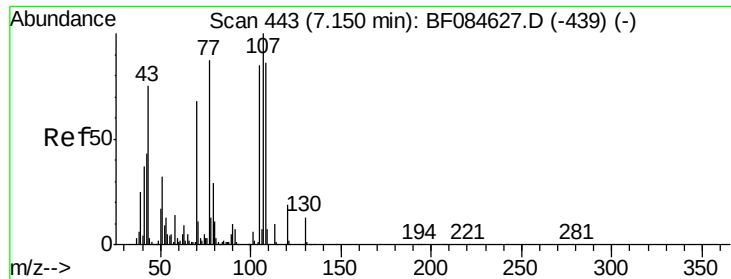
mohammad
2/1/2016 2:25:35 PM



#18
Hexachloroethane
Concen: 38.73 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	117	Resp	208111
Ion Ratio	Lower	Upper	
117	100		
119	101.2	77.4	116.0
201	115.7	68.6	103.0#





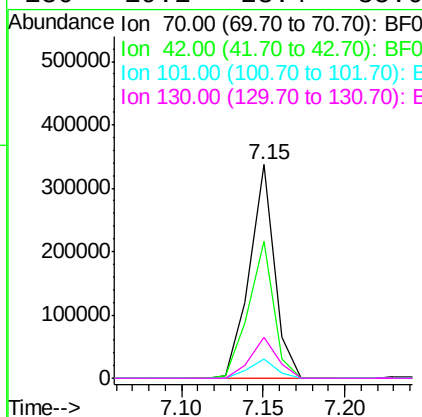
#19
n-Nitroso-di-n-propylamine
Concen: 41.74 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.1	33.3	49.9#	
101	9.2	9.3	13.9#	
130	19.1	23.4	35.0#	

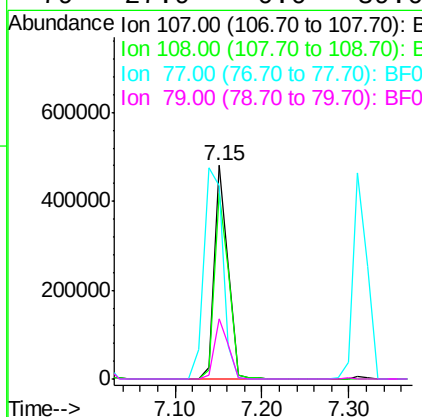
Manual Integrations
APPROVED

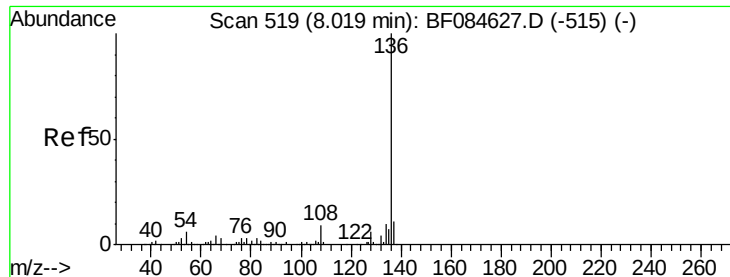
mohammad
2/1/2016 2:25:35 PM



#20
3+4-Methylphenols
Concen: 43.66 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	74.6	114.6	
77	90.6	0.7	40.7#	
79	27.9	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: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

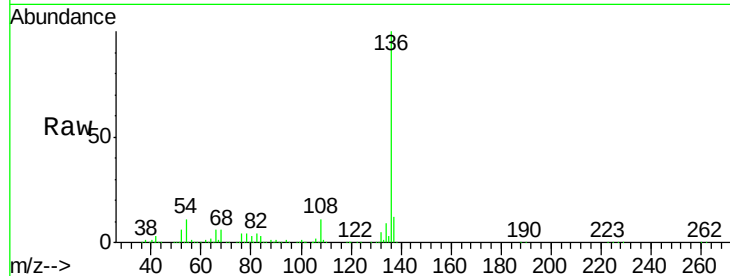
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		708364		
137	11.7	8.7	13.1		
54	10.8	5.8	8.8		
68	5.9	4.2	6.2		

Manual Integrations
APPROVED

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2/1/2016 2:25:35 PM



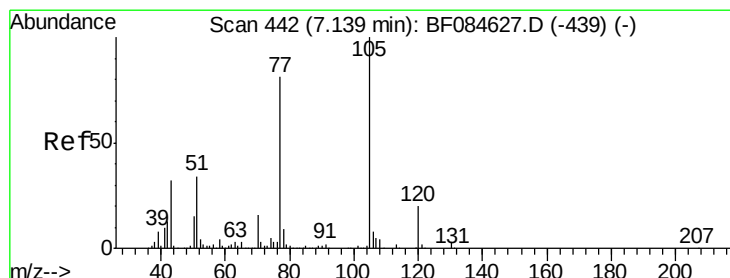
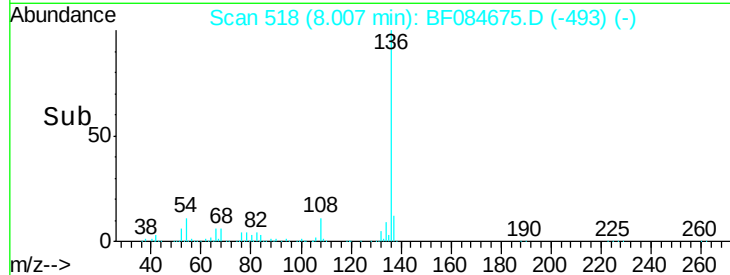
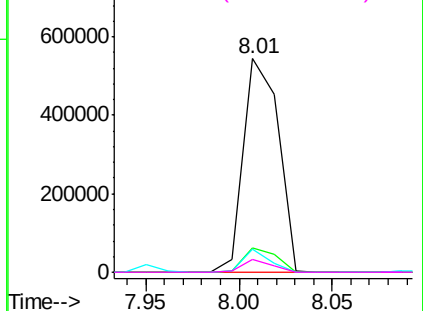
Abundance

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: 40.97 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		757959		
71	3.3	3.7	5.5		
51	31.9	25.1	37.7		
120	20.1	16.6	25.0		

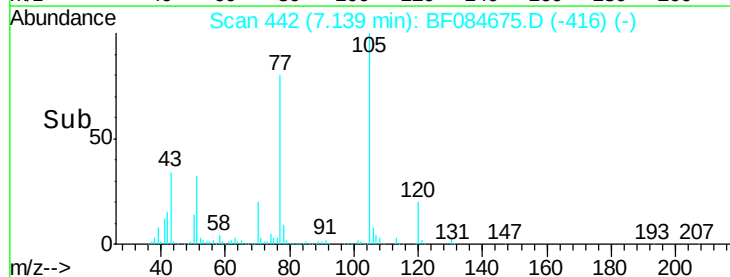
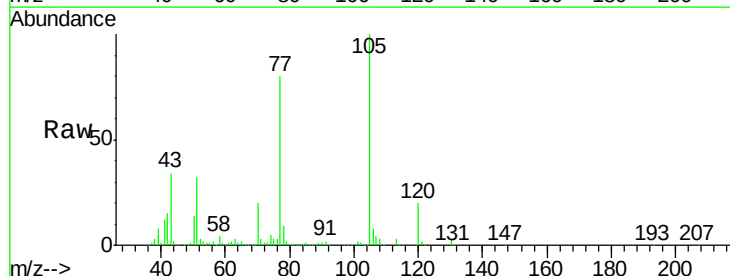
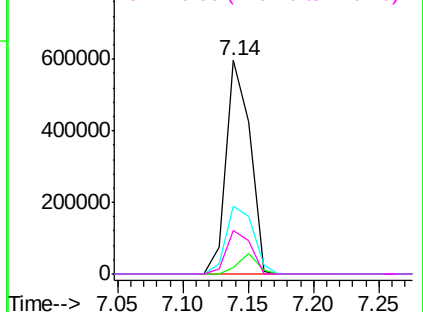
Abundance

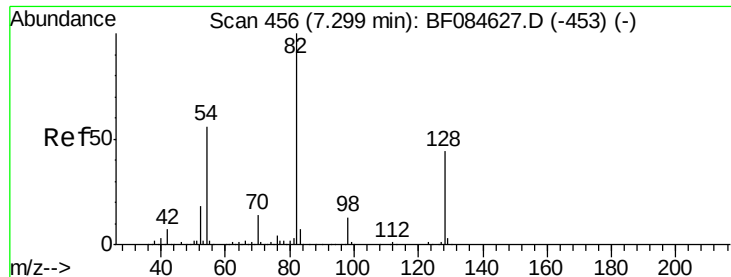
Ion 105.00 (104.70 to 105.70): E

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





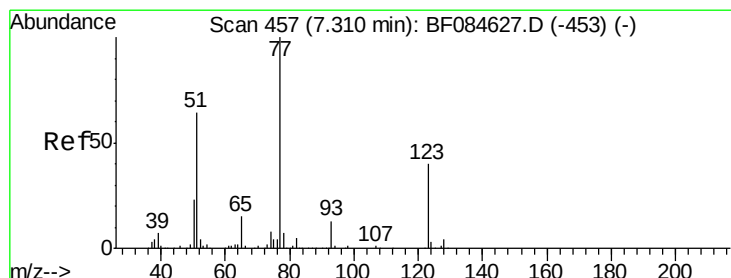
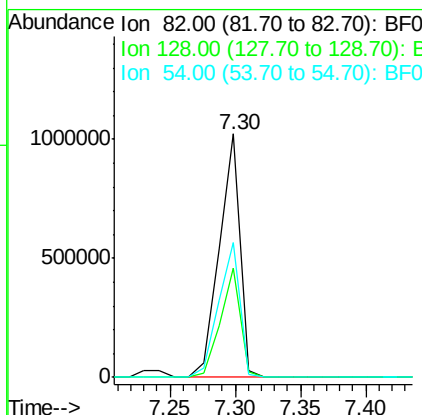
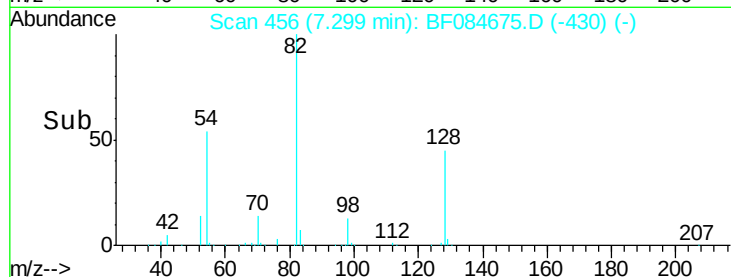
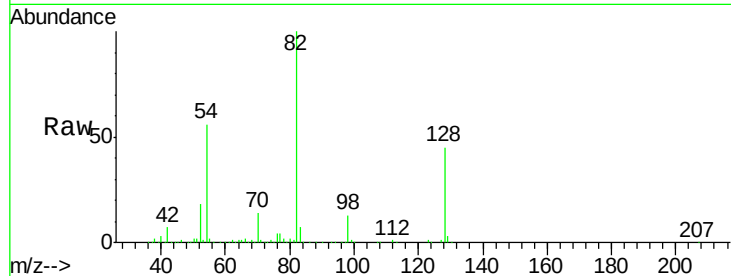
#23
 Nitrobenzene-d5
 Concen: 89.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	82	Resp	1133328
Ion Ratio	100	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	55.5	38.4	57.6

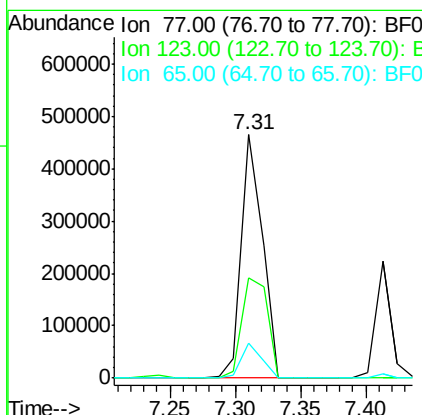
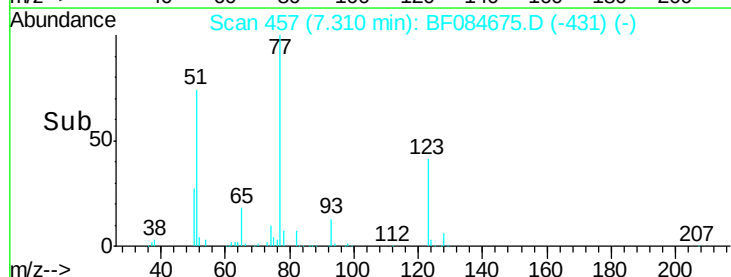
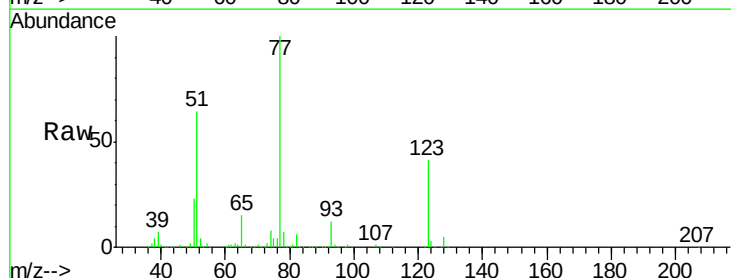
Manual Integrations
 APPROVED

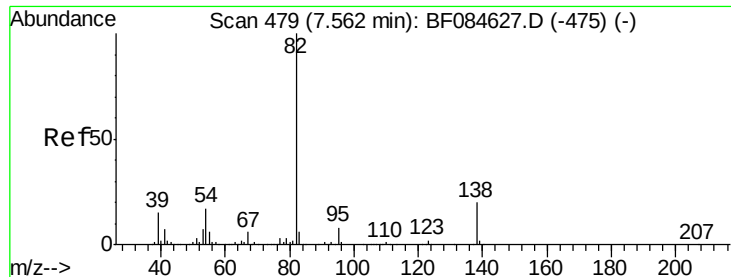
mohammad
 2/1/2016 2:25:35 PM



#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	77	Resp	521827
Ion Ratio	100	Lower	Upper
77	100		
123	41.4	37.4	56.2
65	14.6	10.9	16.3





#25

Isophorone

Concen: 44.19 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tot Ion: 82 Resp: 1049424

Ion Ratio Lower Upper

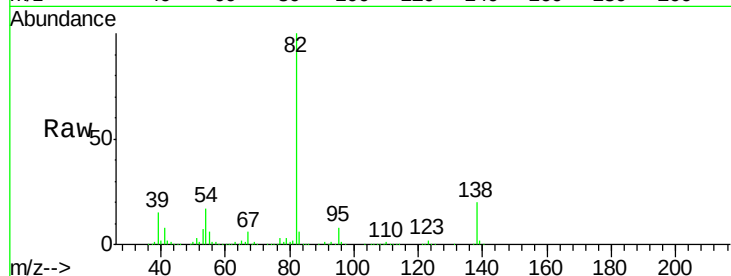
82 100

95 7.8 6.6 10.0

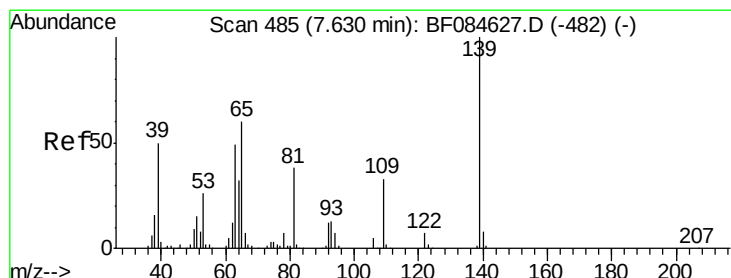
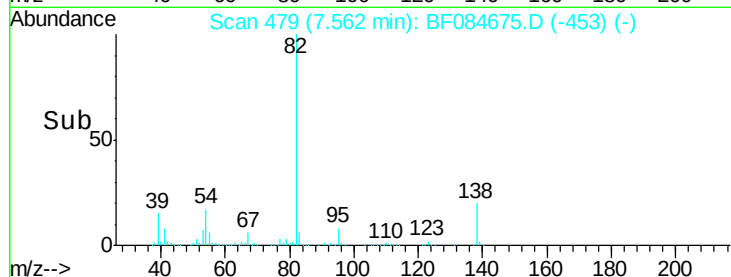
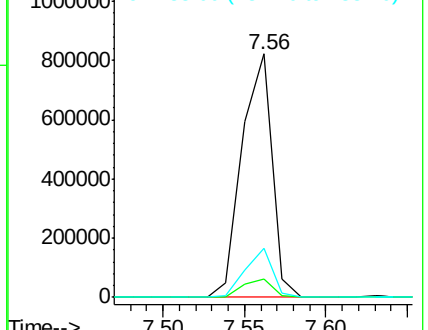
138 19.9 13.6 20.4

Manual Integrations
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2/1/2016 2:25:35 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.82 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

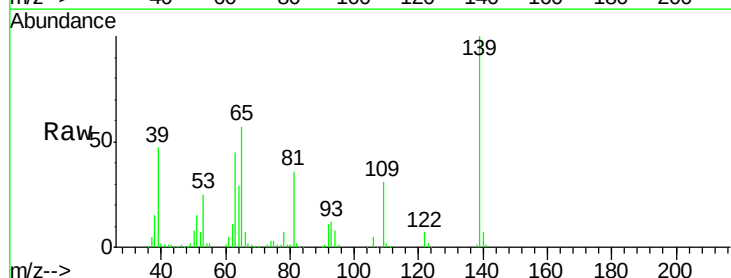
Tgt Ion: 139 Resp: 280715

Ion Ratio Lower Upper

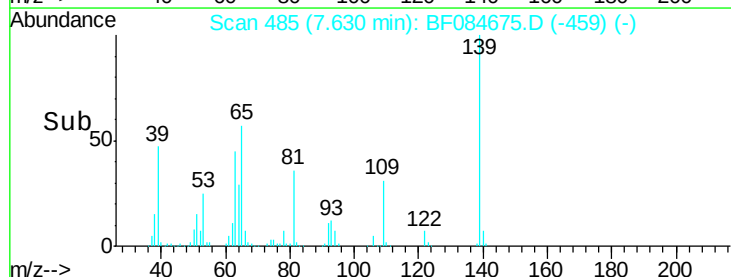
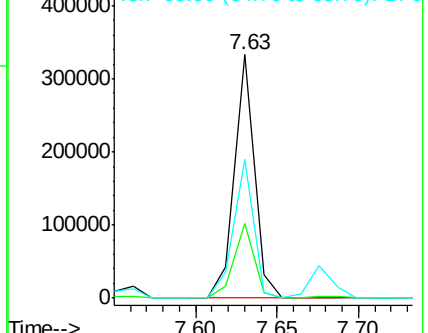
139 100

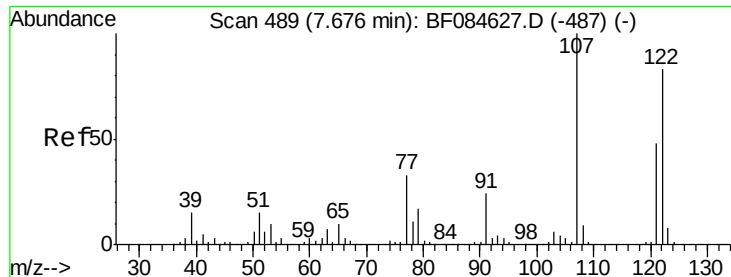
109 30.6 25.4 38.2

65 56.8 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.27 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

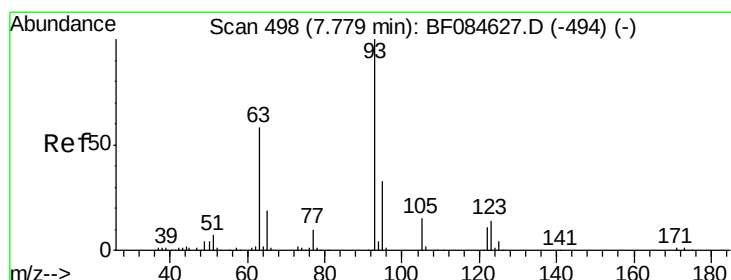
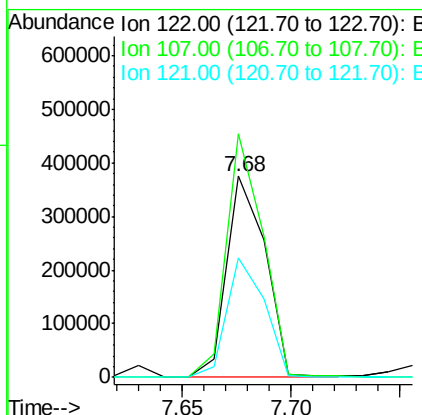
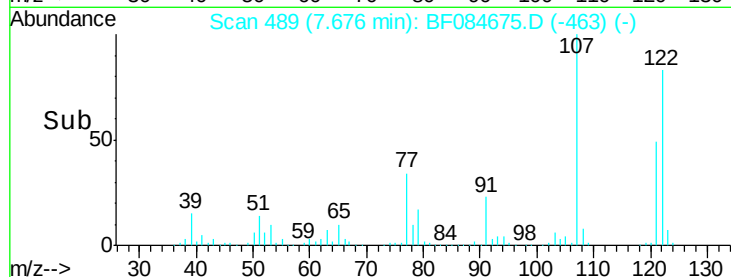
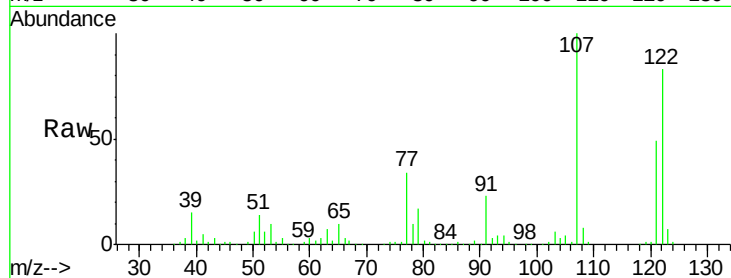
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	122	Resp:	463259
Ion Ratio	Lower	Upper	
122	100		
107	121.2	99.1	148.7
121	59.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 44.05 ng

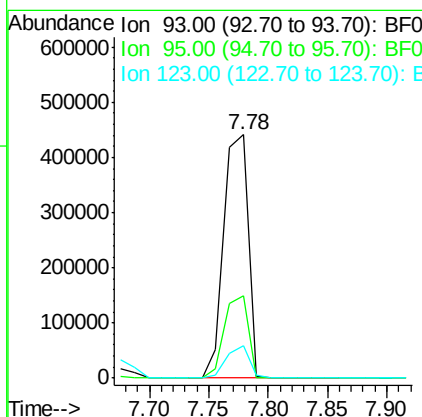
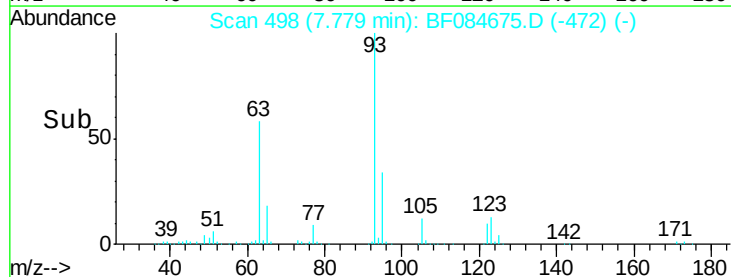
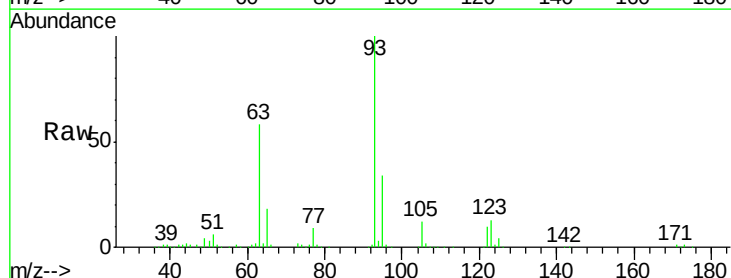
RT: 7.78 min Scan# 498

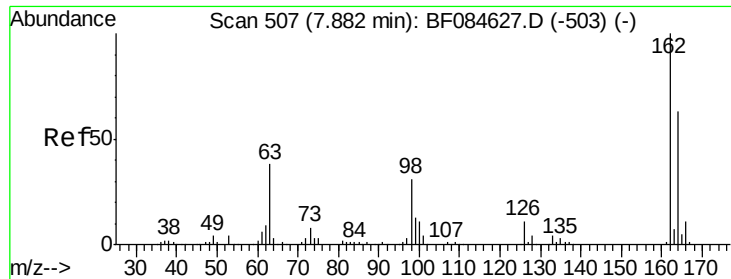
Delta R.T. -0.00 min

Lab File: BF084675.D

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Tgt Ion:	93	Resp:	627736
Ion Ratio	Lower	Upper	
93	100		
95	33.9	25.8	38.6
123	13.4	8.6	12.8#





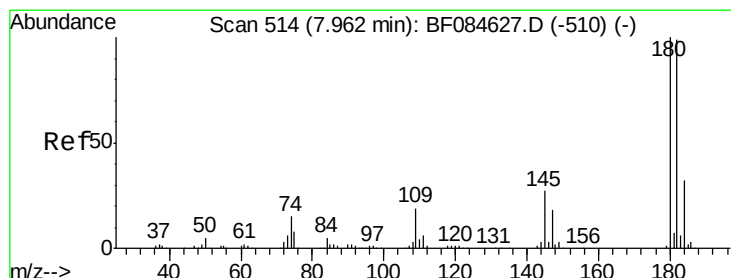
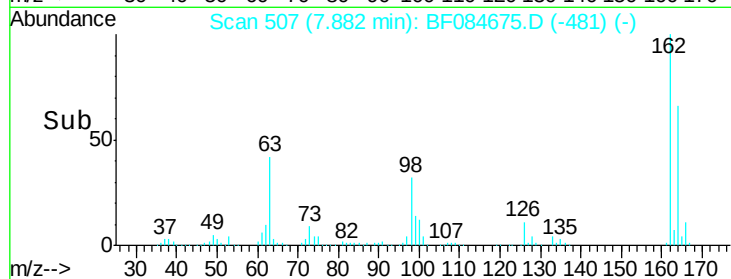
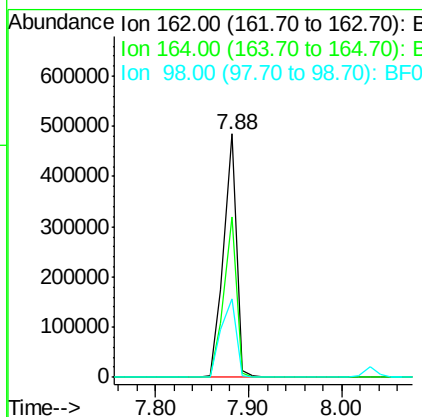
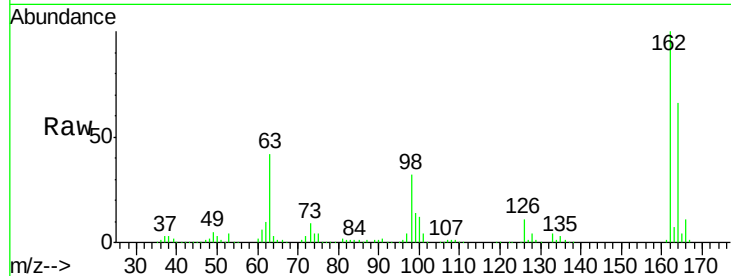
#29
 2,4-Dichlorophenol
 Concen: 47.51 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.7	44.1	84.1
98	32.5	20.2	60.2

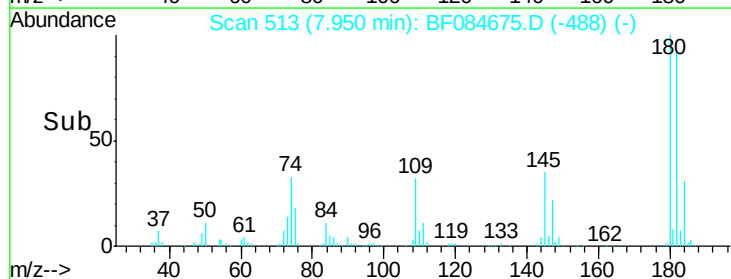
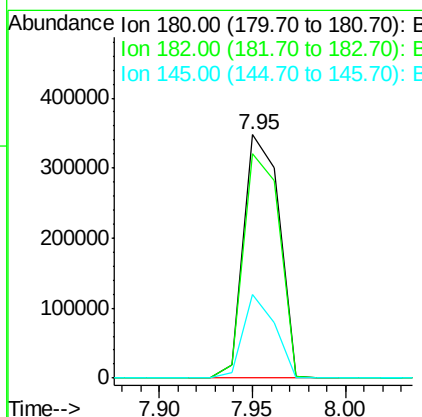
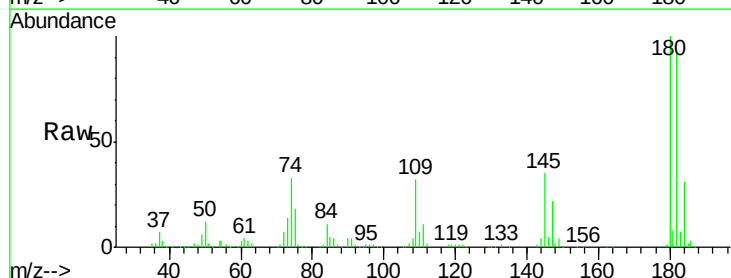
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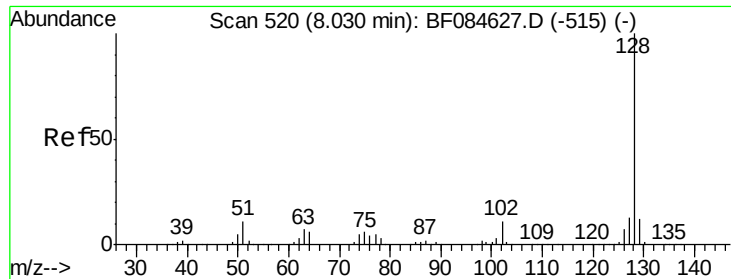
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.87 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.1	76.4	114.6
145	34.6	31.6	47.4





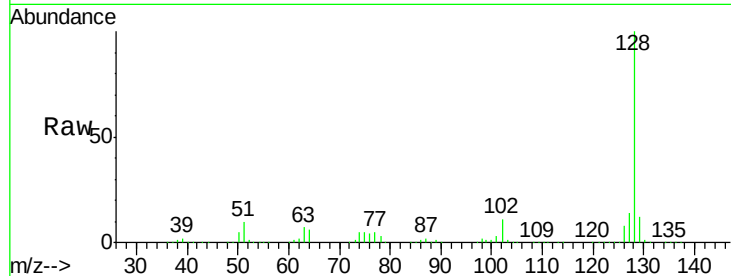
#31
Naphthalene
Concen: 39.20 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

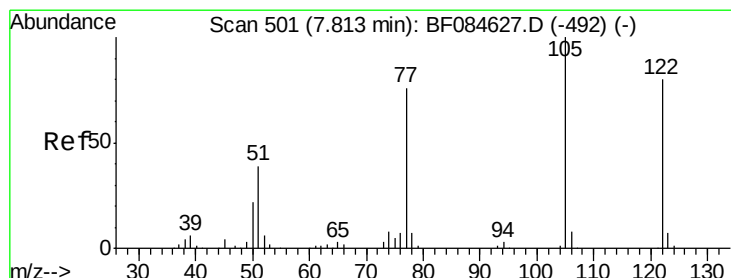
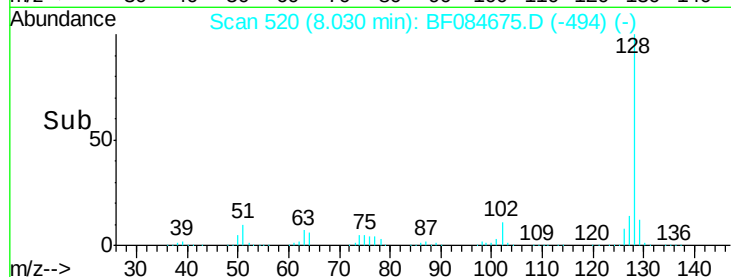
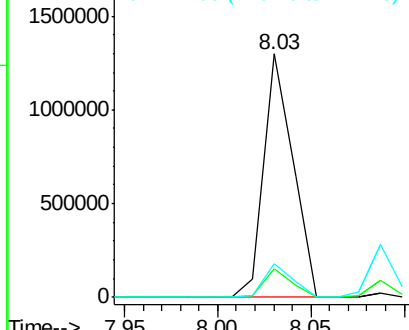
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.6	11.1	16.7

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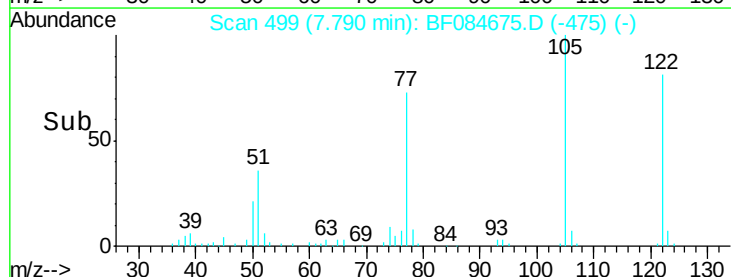
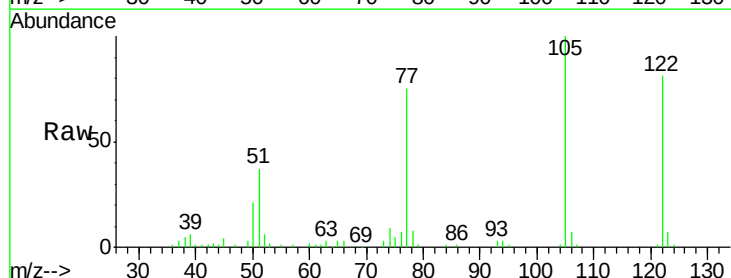
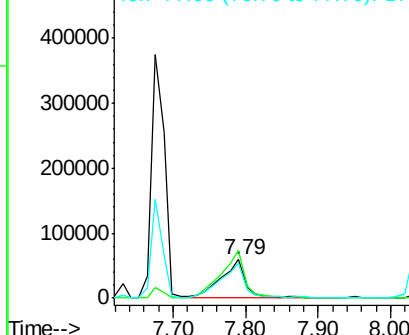
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

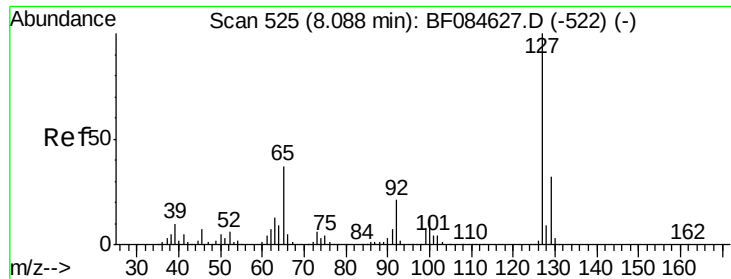


#32
Benzoic acid
Concen: 16.04 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	100.3	140.3
77	92.4	63.5	103.5

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





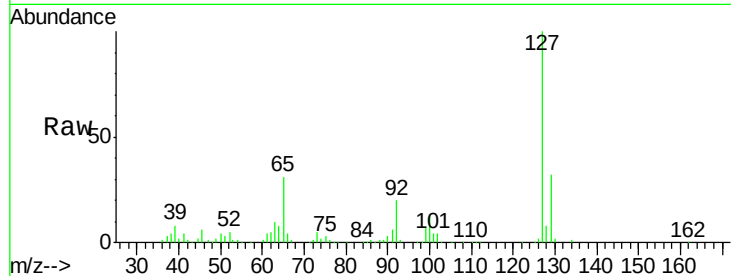
#33
4-Chloroaniline
Concen: 19.29 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

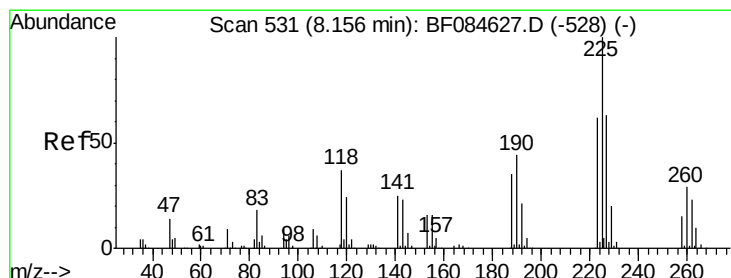
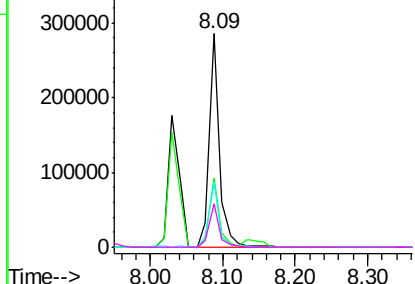
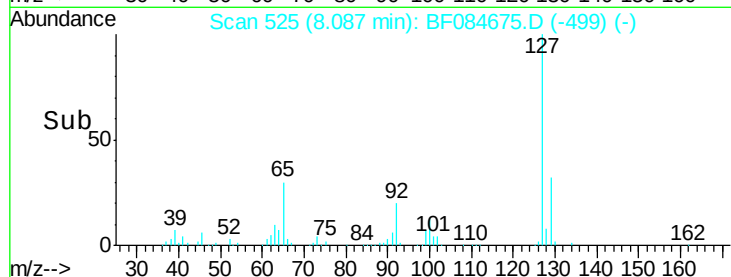
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		280550		
129	32.5	26.5	39.7		
65	30.7	27.2	40.8		
92	20.3	17.7	26.5		

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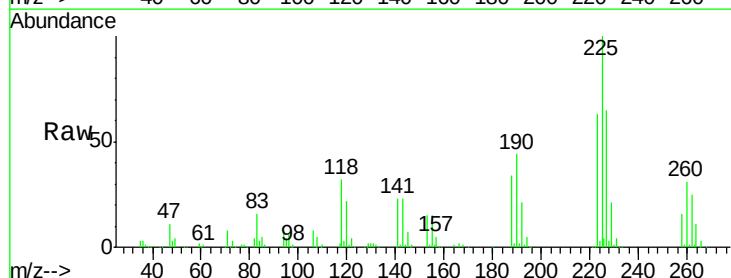


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

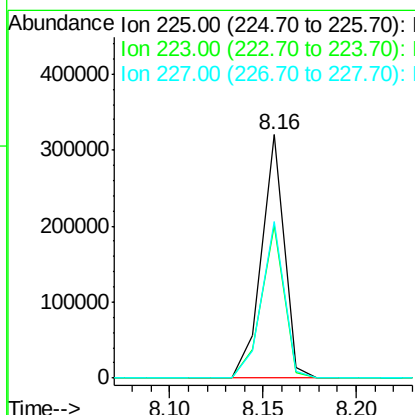
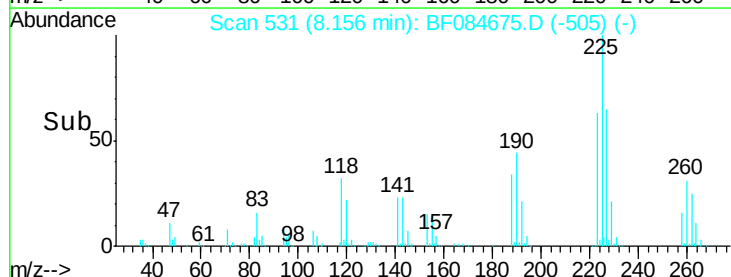


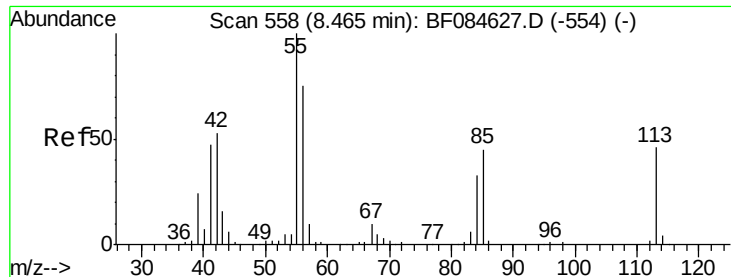
#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		267989		
223	62.9	49.4	74.0		
227	64.5	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: 50.65 ng/ml

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:113 Resp: 142722

Ion Ratio Lower Upper

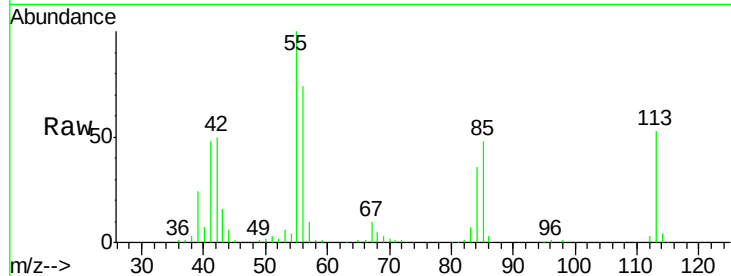
113 100

55 189.5 116.9 156.9#

56 141.0 93.8 133.8#

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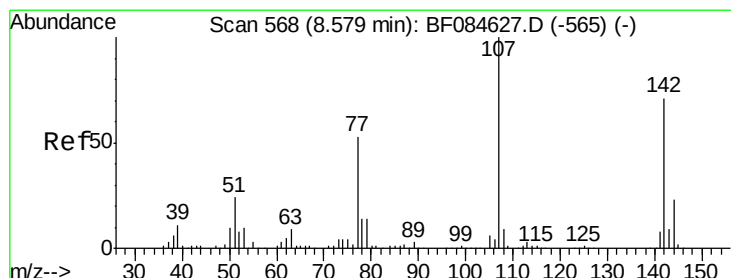
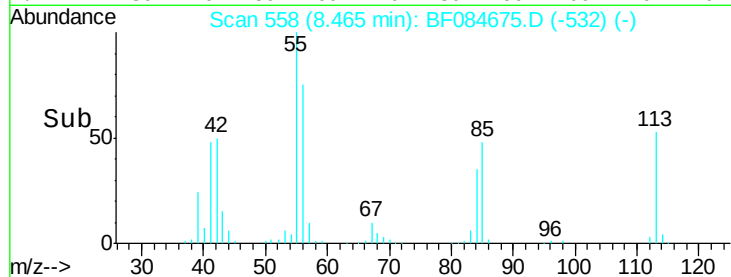
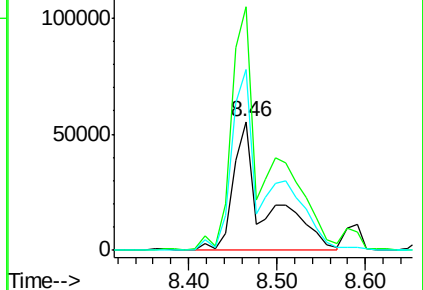
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.15 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

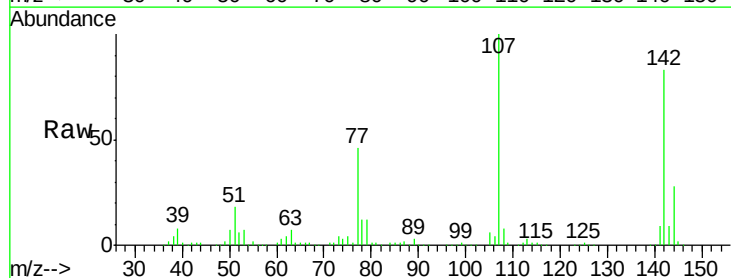
Tgt Ion:107 Resp: 520549

Ion Ratio Lower Upper

107 100

144 28.0 19.7 29.5

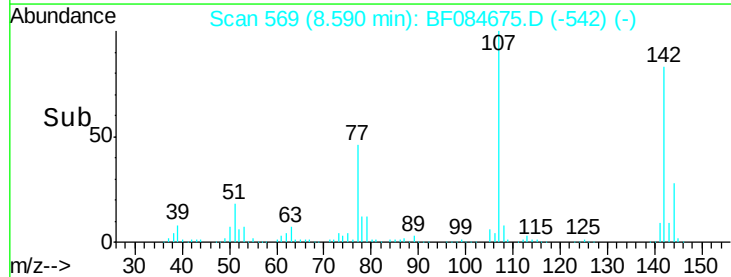
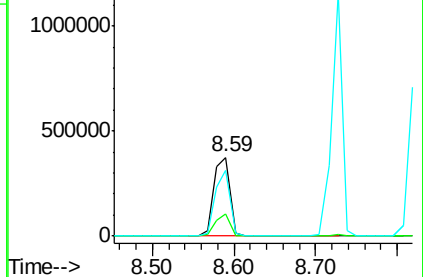
142 82.9 61.8 92.6

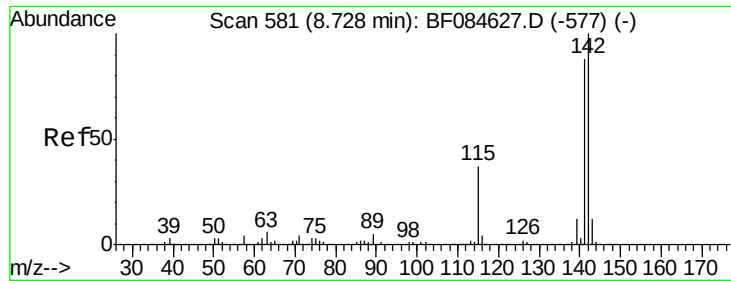


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.80 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

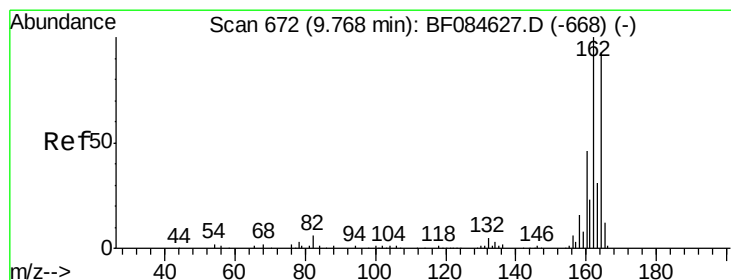
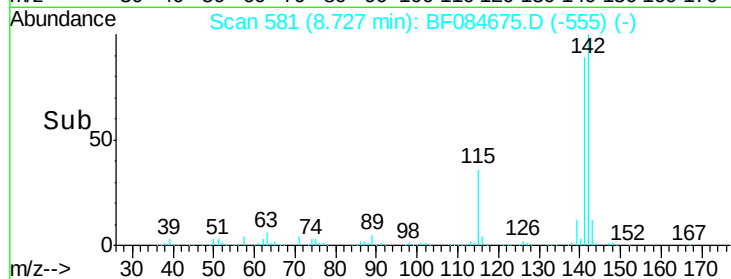
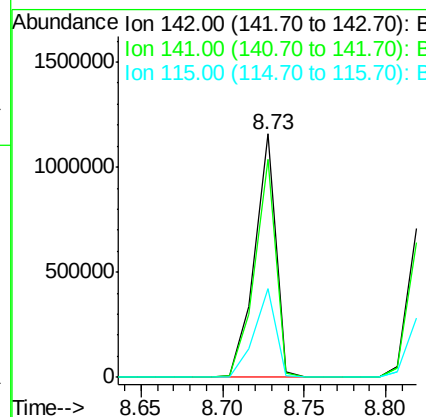
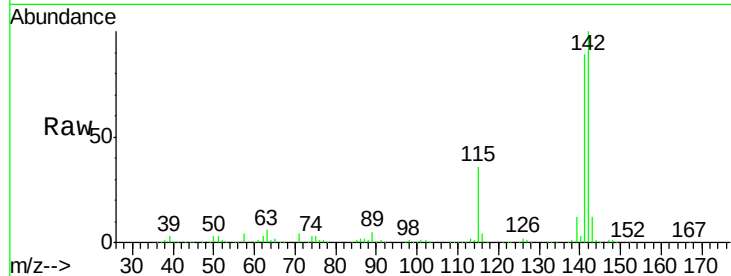
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	142	Resp:	1049167
Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6
115	36.2	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

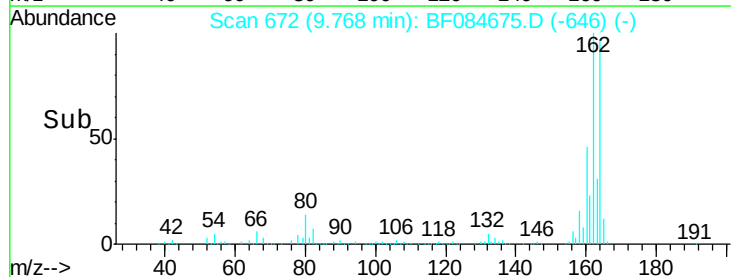
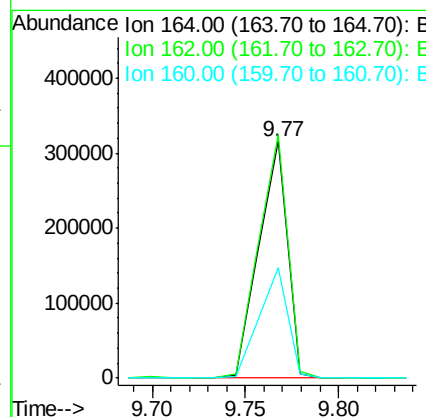
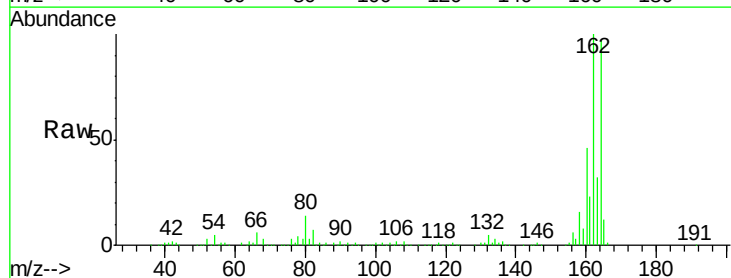
RT: 9.77 min Scan# 672

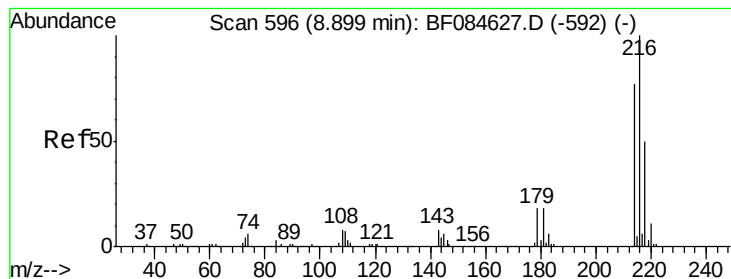
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	164	Resp:	332615
Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	46.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084675.D

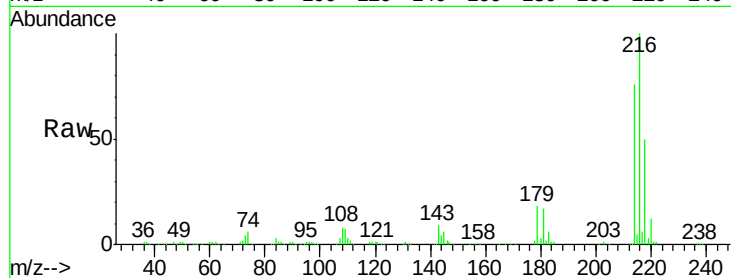
Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

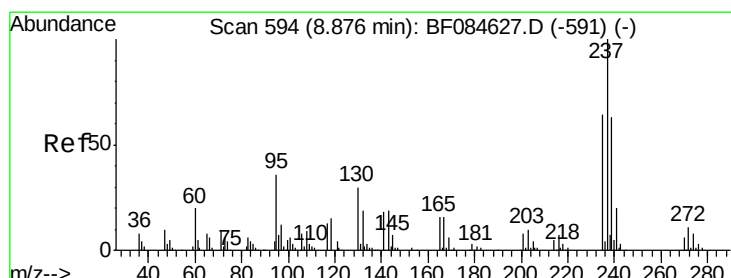
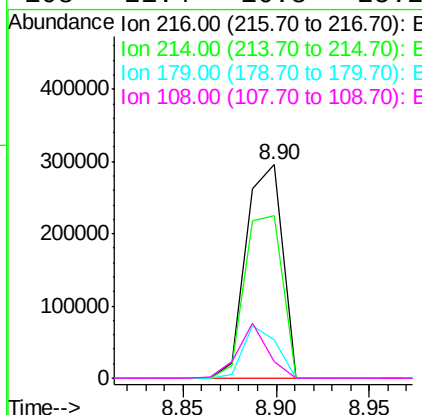
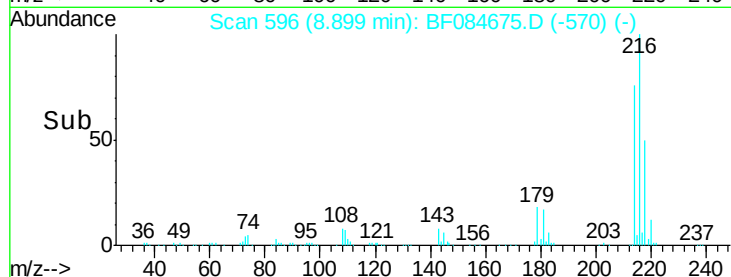
WESTWALL-UST-115MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
398303	216	100			
	214	79.3	64.2	96.2	
	179	22.6	18.7	28.1	
	108	21.4	16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 81.82 ng

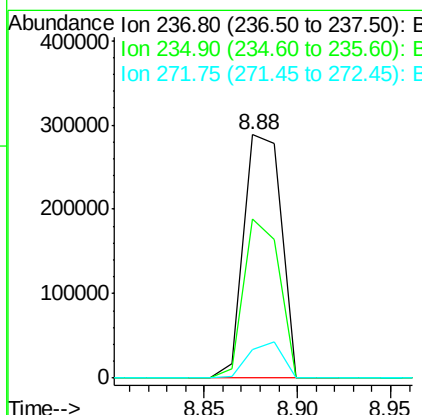
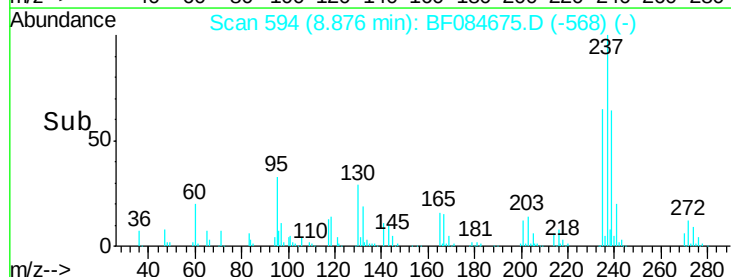
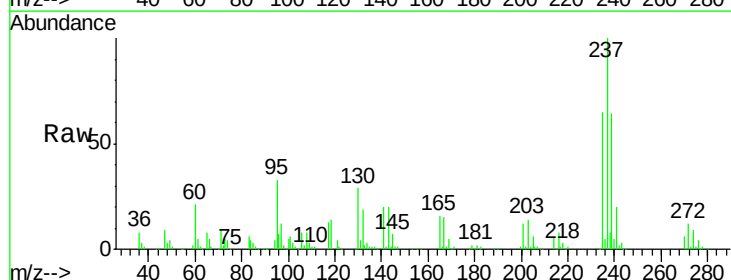
RT: 8.88 min Scan# 594

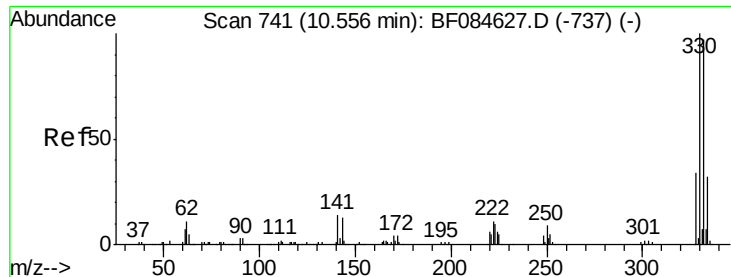
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
401268	237	100			
	235	65.4	43.1	83.1	
	272	11.6	0.0	35.1	





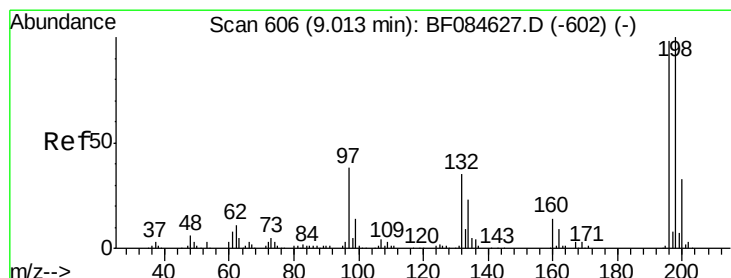
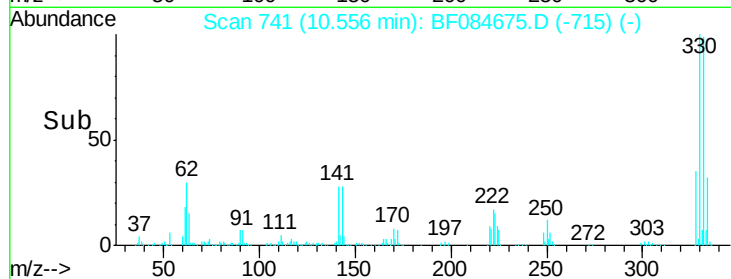
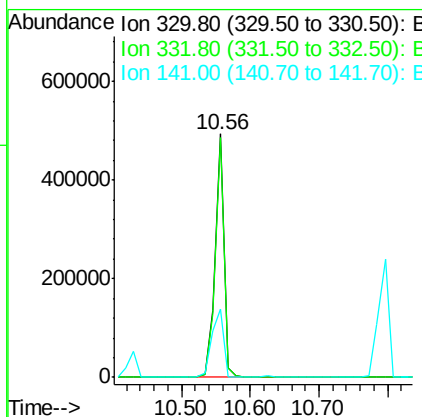
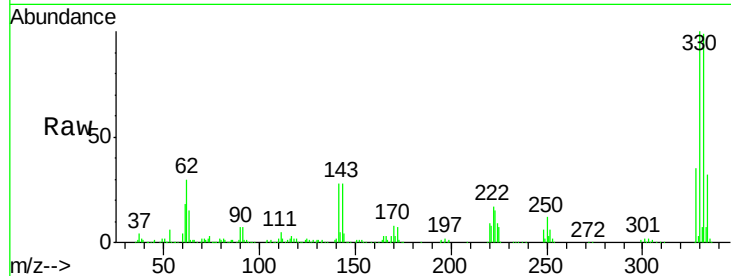
#41
 2,4,6-Tribromophenol
 Concen: 130.59 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	455259		
332	97.3	76.6	114.8	
141	36.8	27.8	41.6	

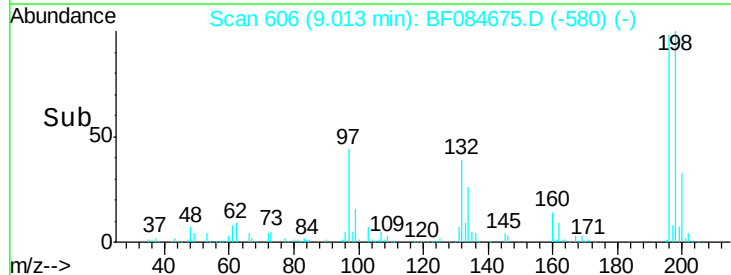
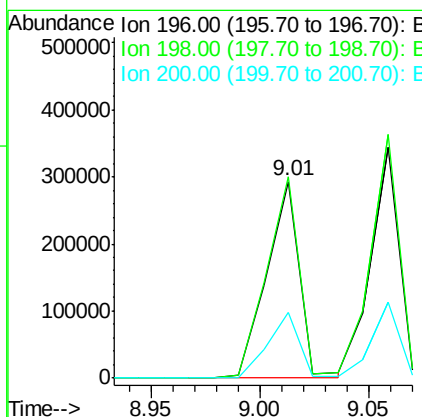
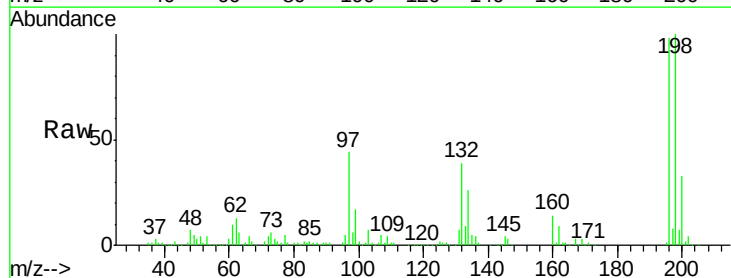
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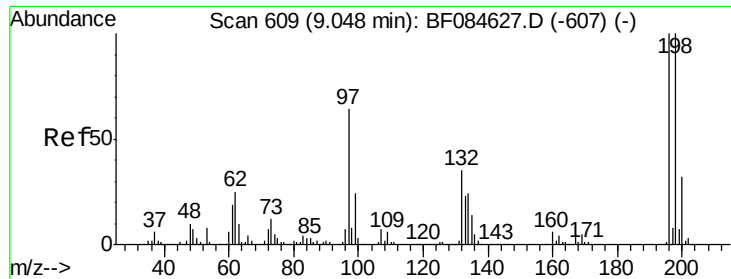
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#42
 2,4,6-Trichlorophenol
 Concen: 46.15 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309226		
198	102.5	77.7	116.5	
200	33.7	24.6	37.0	





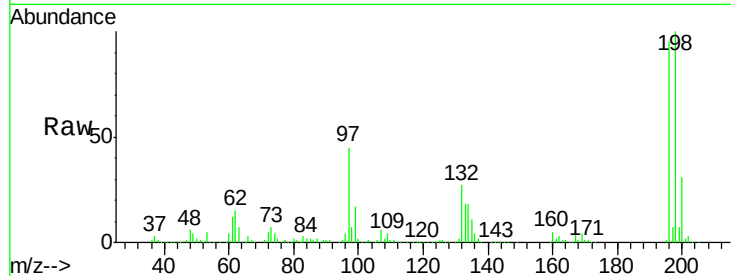
#43
 2,4,5-Trichlorophenol
 Concen: 45.58 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

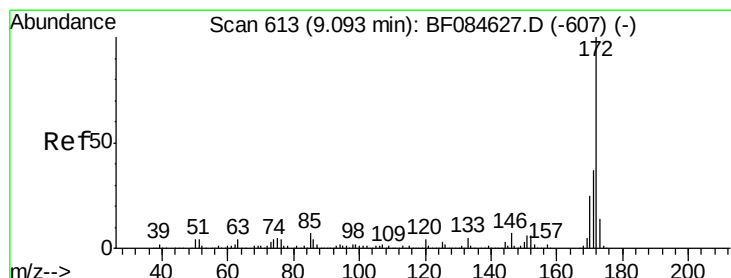
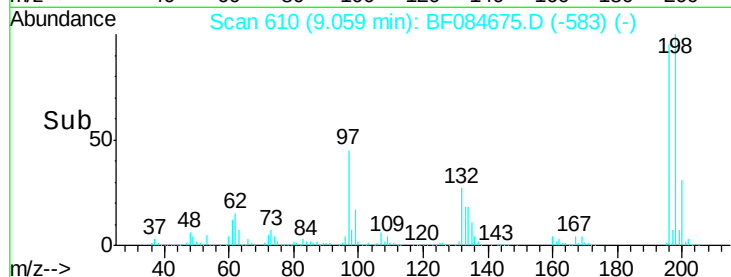
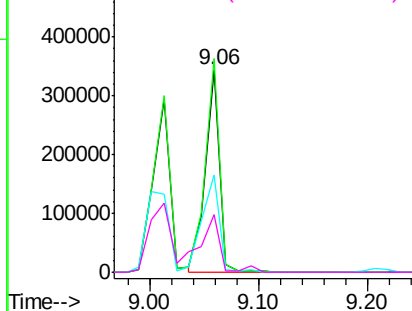
Tot Ion	196	Resp	315352
Ion Ratio	Lower	Upper	
196	100		
198	105.4	79.0	118.6
97	47.8	33.0	49.6
132	28.4	21.1	31.7

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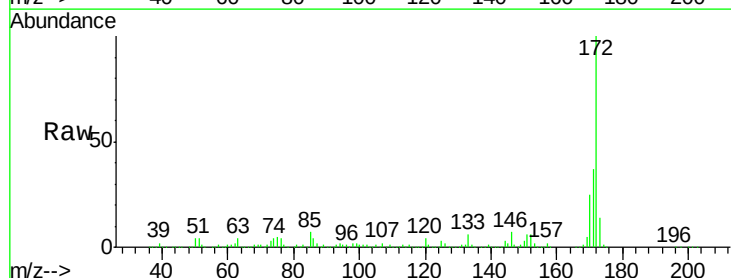


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

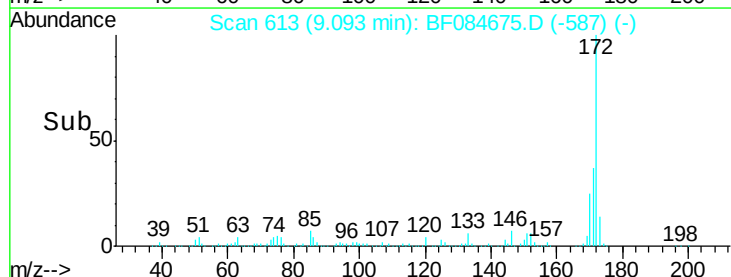
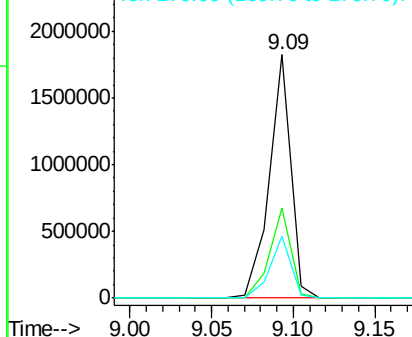


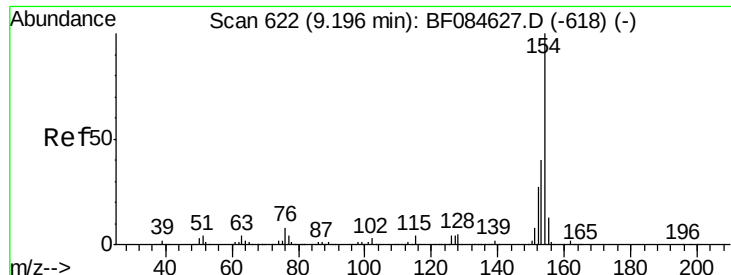
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	172	Resp	1678424
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.9	43.3
170	25.5	18.6	27.8



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





#45

1,1'-Biphenyl

Concen: 40.48 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

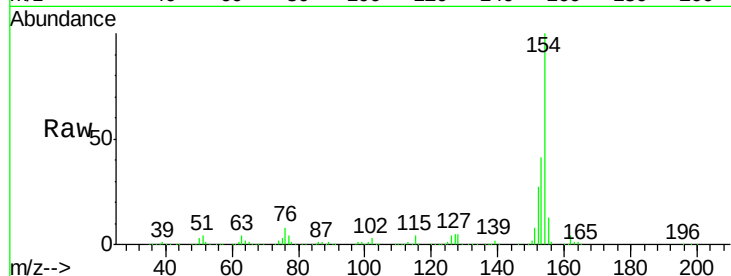
ClientSampleId :

WESTWALL-UST-115MS

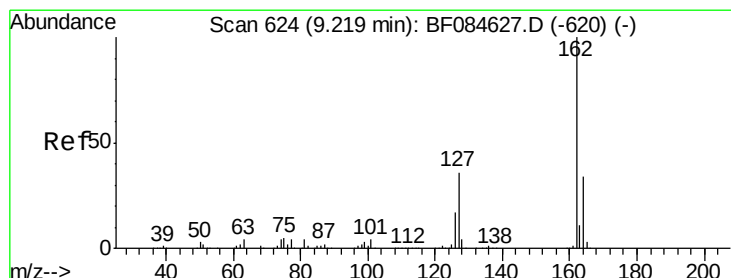
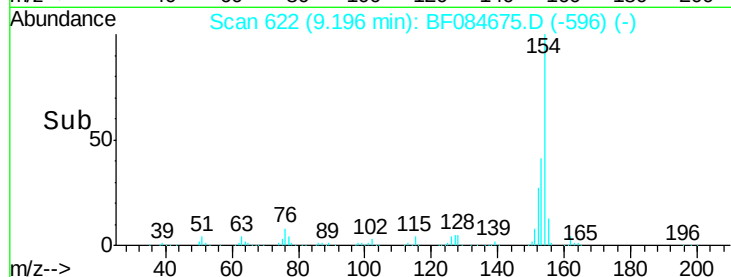
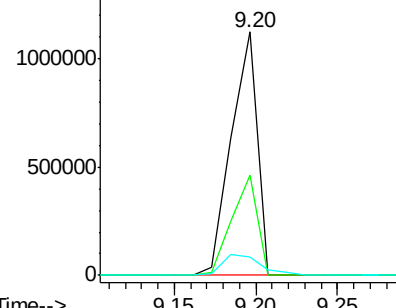
Tot Ion:	154	Resp:	1234101
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.6	61.6
76	7.7	0.0	32.7

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



#46

2-Chloronaphthalene

Concen: 40.38 ng

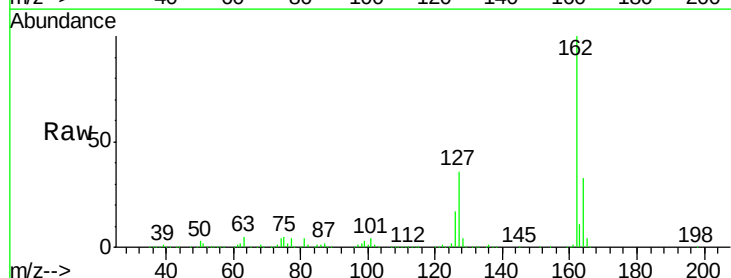
RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

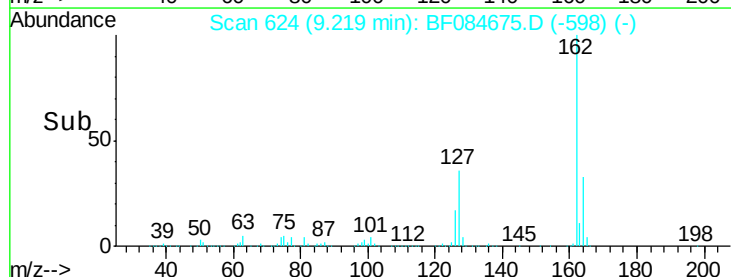
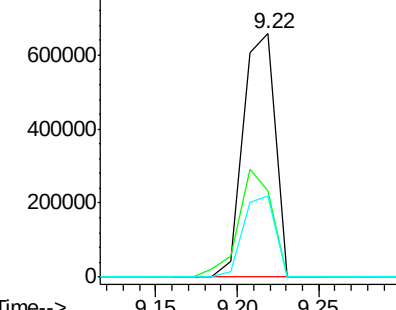
Lab File: BF084675.D

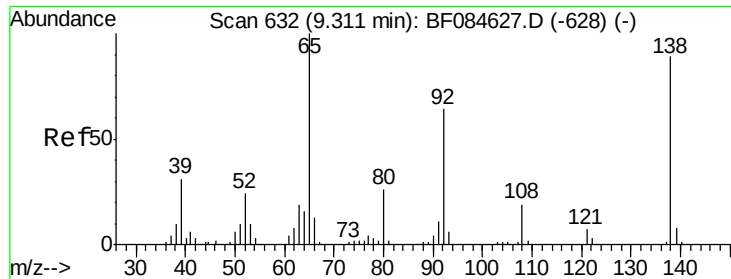
Acq: 30 Jan 2016 10:13

Tgt Ion:	162	Resp:	898016
Ion Ratio	Lower	Upper	
162	100		
127	35.5	40.2	60.4#
164	33.1	25.7	38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





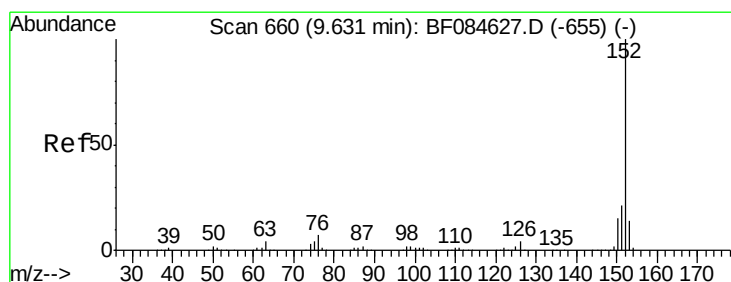
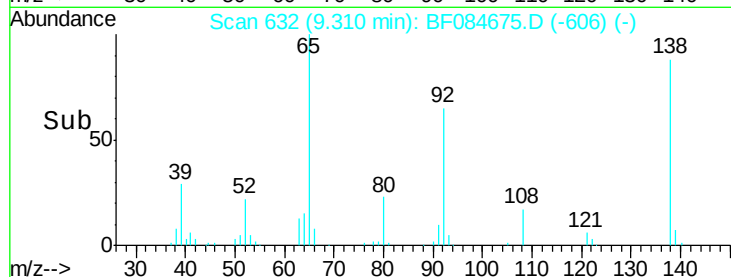
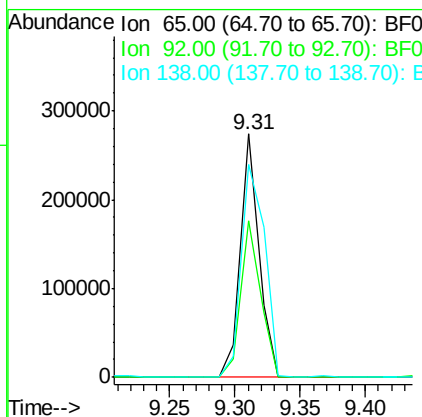
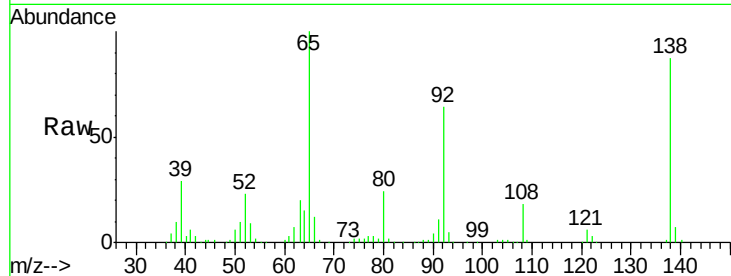
#47
2-Nitroaniline
Concen: 40.44 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.4	80.2
138	87.4	71.1	106.7

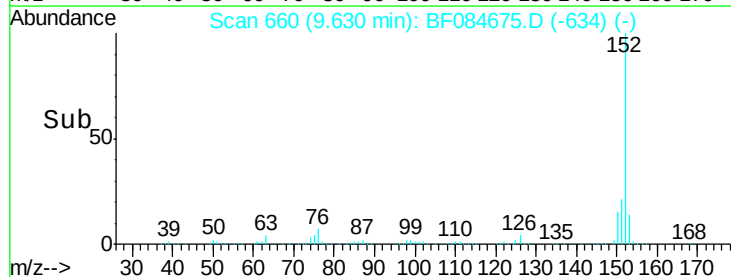
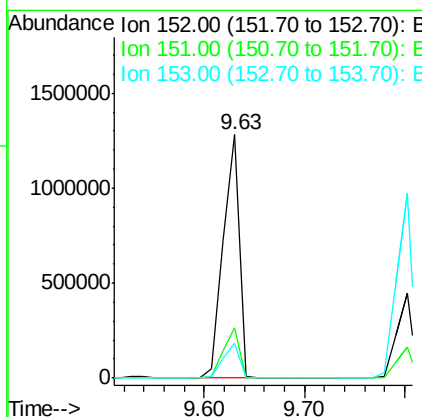
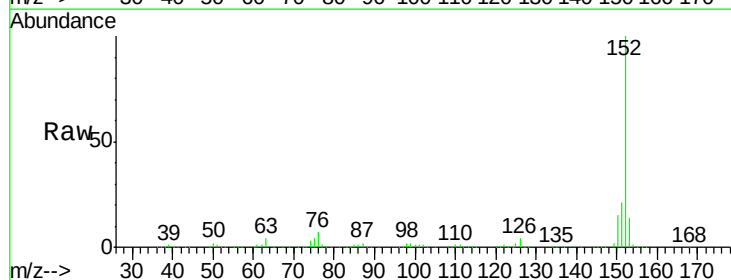
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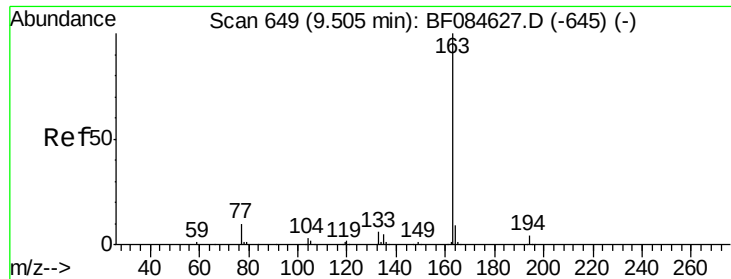
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#48
Acenaphthylene
Concen: 42.09 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.2	10.4	15.6





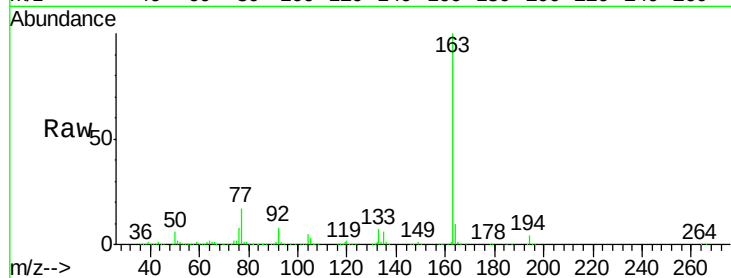
#49
Dimethylphthalate
Concen: 58.81 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.1	8.0	12.0

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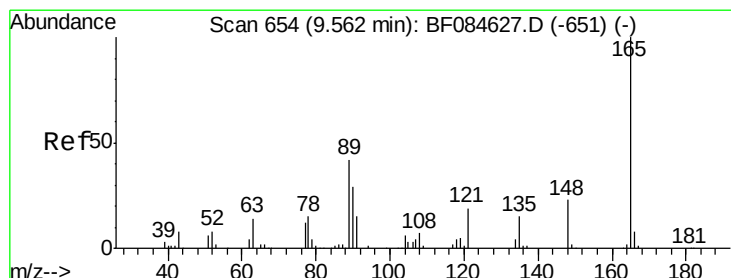
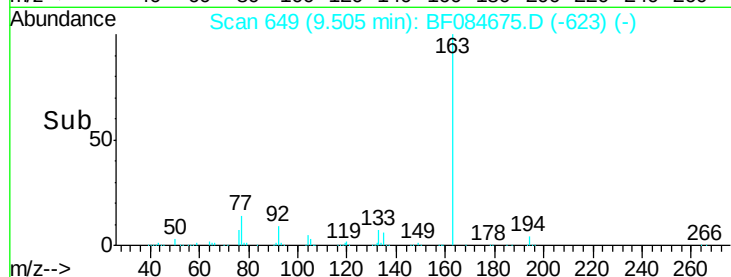
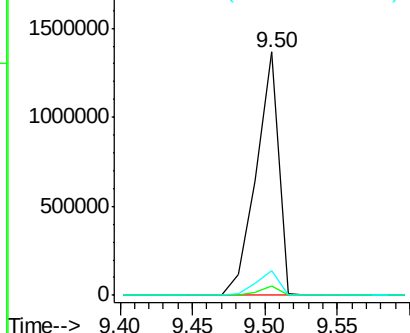


Abundance

Ion 163.00 (162.70 to 163.70): E

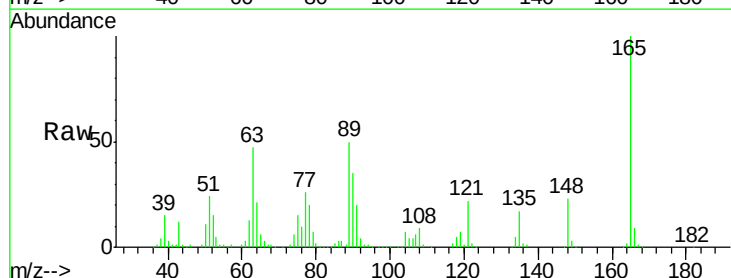
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.07 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	28.8	43.2#
89	50.0	35.1	52.7

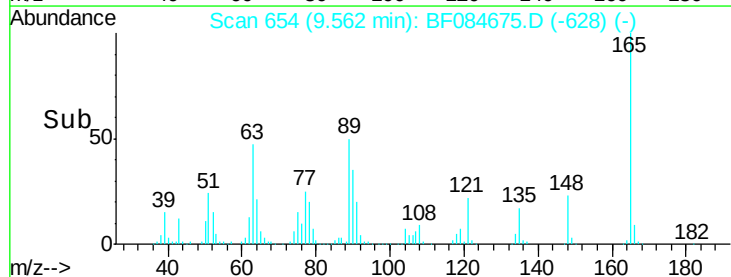
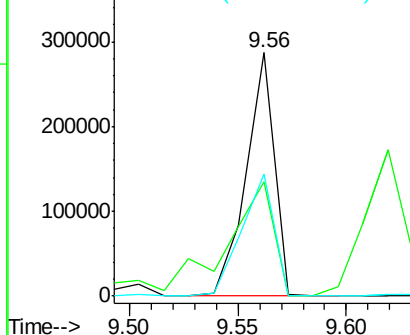


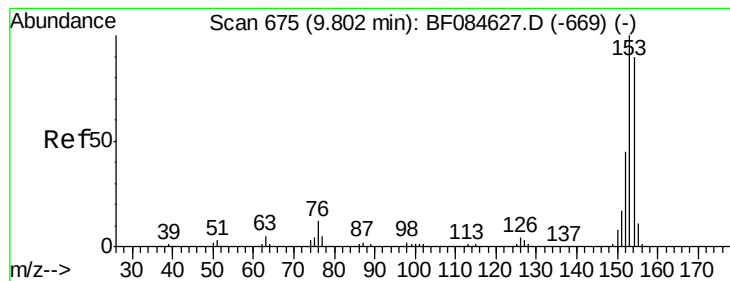
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.37 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084675.D

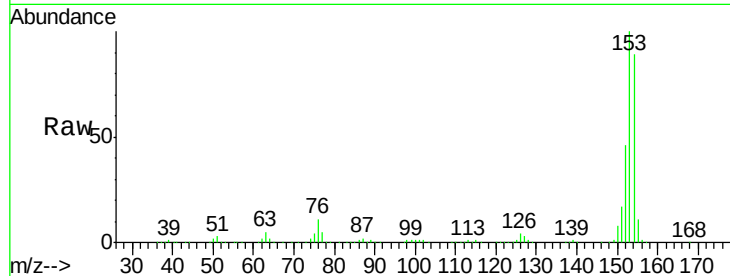
Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

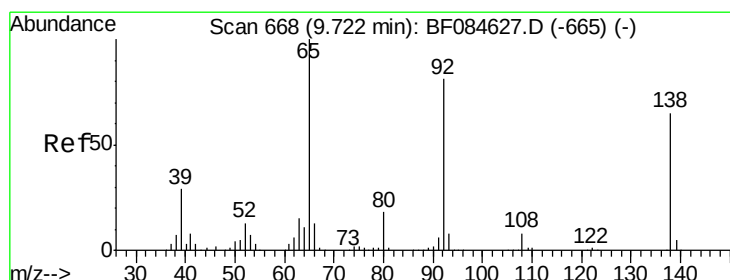
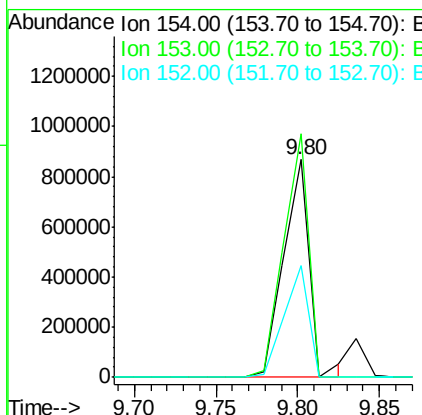
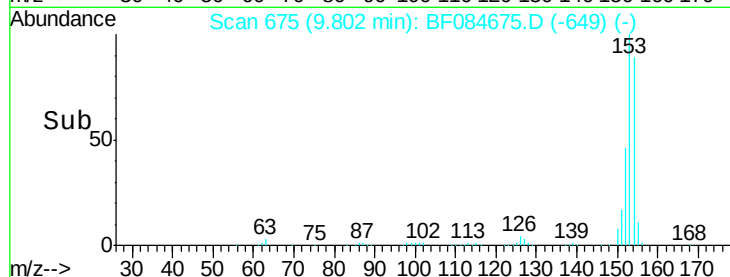
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Tot Ion	154	Resp	956219
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.5	137.3
152	51.6	43.0	64.6

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#52

3-Nitroaniline

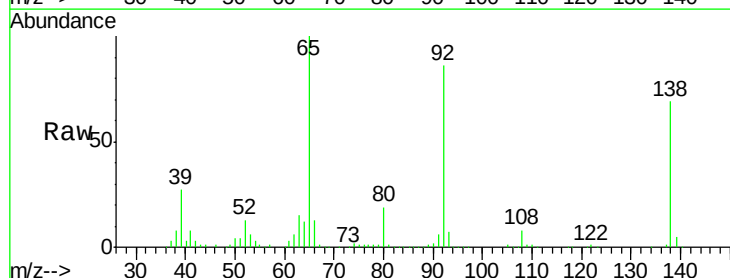
Concen: 26.41 ng

RT: 9.72 min Scan# 668

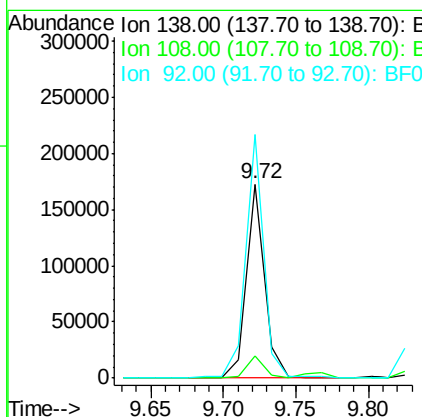
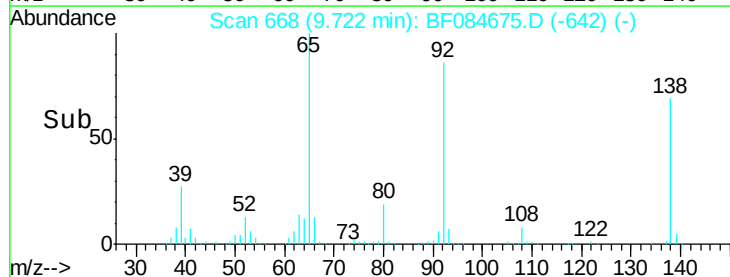
Delta R.T. -0.00 min

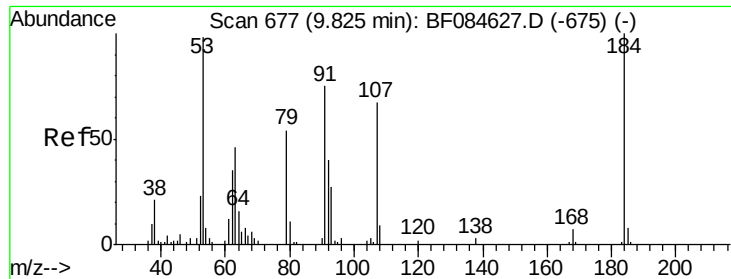
Lab File: BF084675.D

Acq: 30 Jan 2016 10:13



Tgt Ion	138	Resp	151552
Ion Ratio	Lower	Upper	
138	100		
108	11.3	10.5	15.7
92	125.3	103.9	155.9





#53

2,4-Dinitrophenol

Concen: 79.79 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

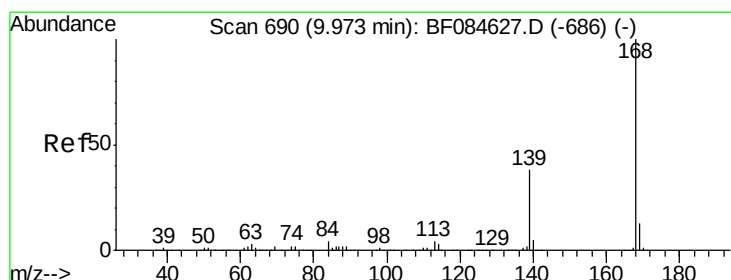
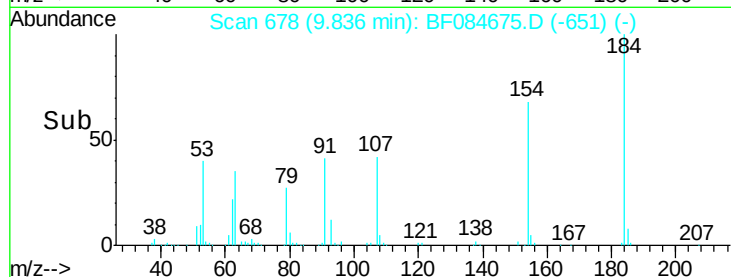
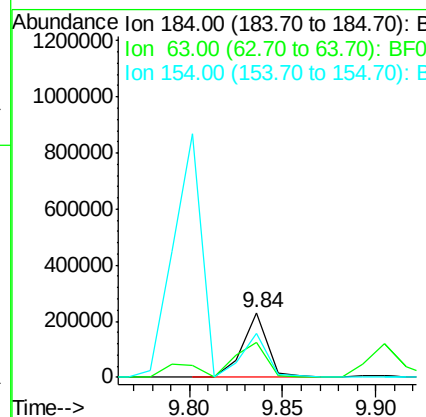
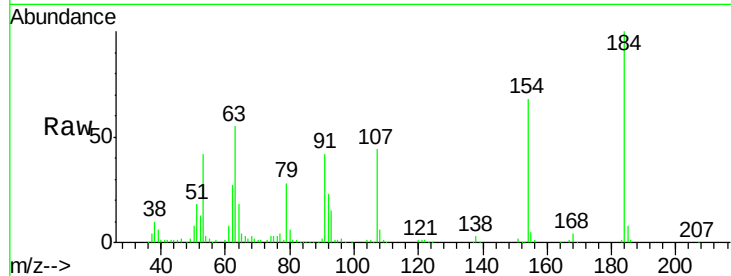
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	184	Resp:	216241
Ion Ratio	Lower	Upper	
184	100		
63	54.8	43.1	64.7
154	68.1	60.5	90.7

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#54

Dibenzofuran

Concen: 47.18 ng

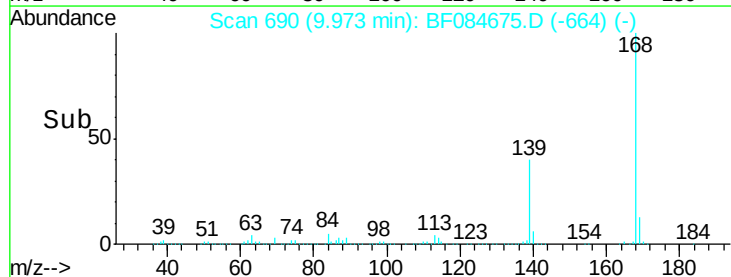
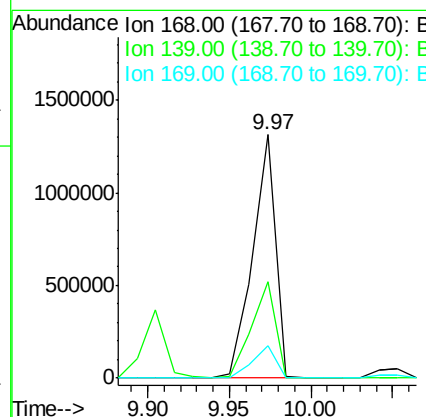
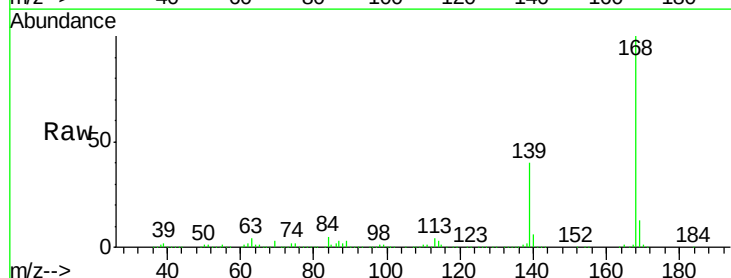
RT: 9.97 min Scan# 690

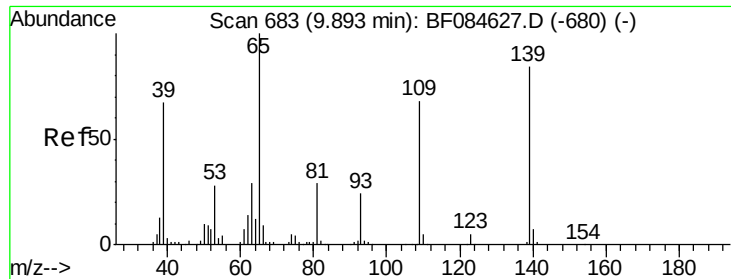
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	168	Resp:	1270714
Ion Ratio	Lower	Upper	
168	100		
139	39.7	30.5	45.7
169	13.3	10.4	15.6





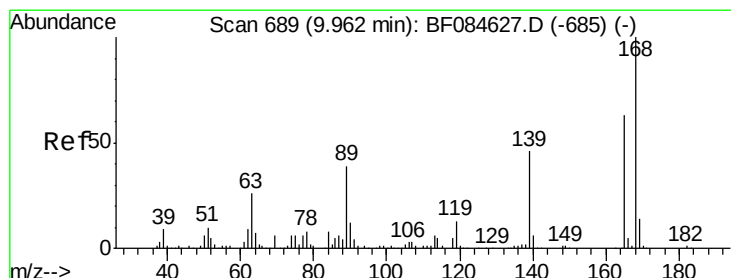
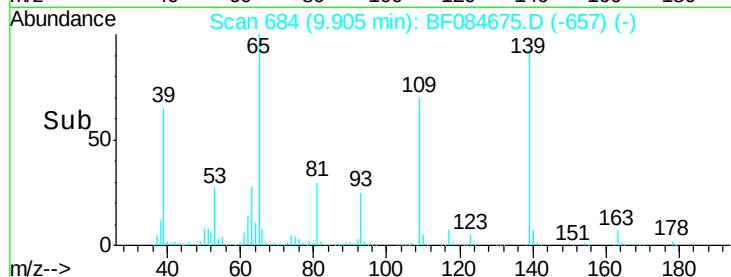
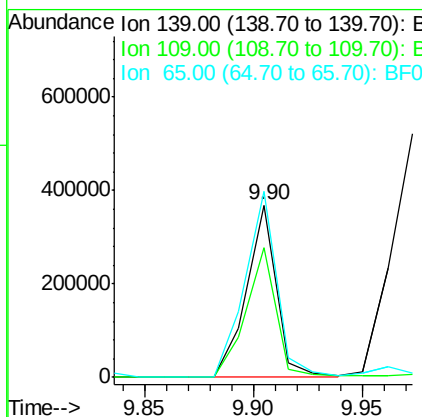
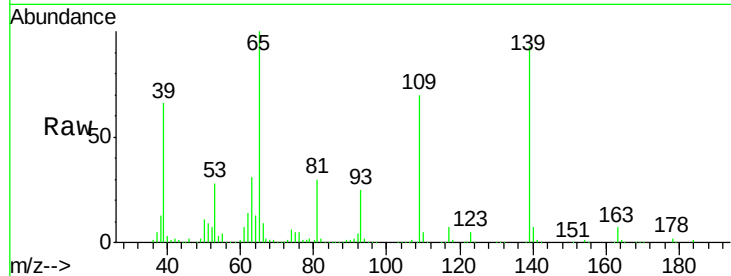
#55
4-Nitrophenol
Concen: 84.53 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.4	58.5	98.5	
65	107.9	57.6	97.6	

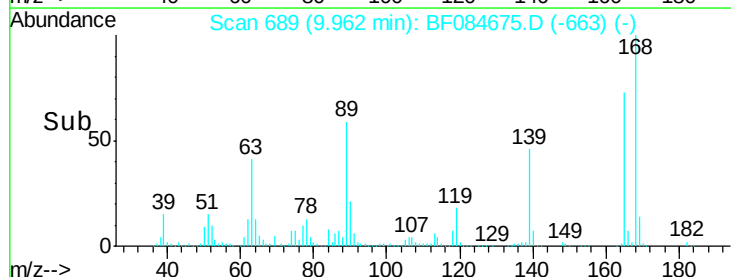
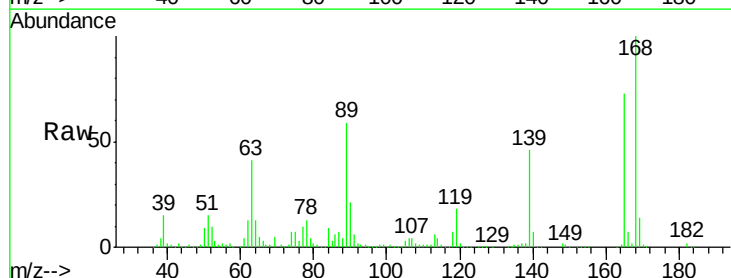
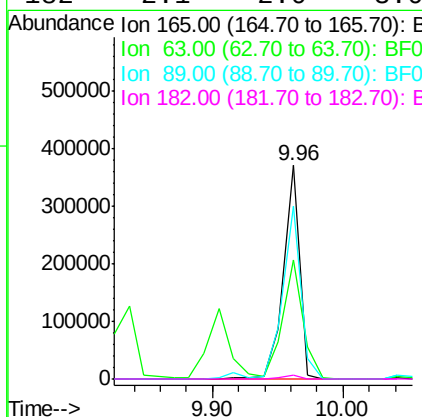
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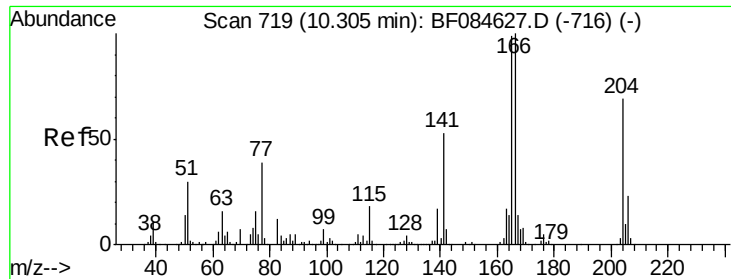
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#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.8	36.7	55.1	
89	81.0	61.9	92.9	
182	2.1	2.0	3.0	





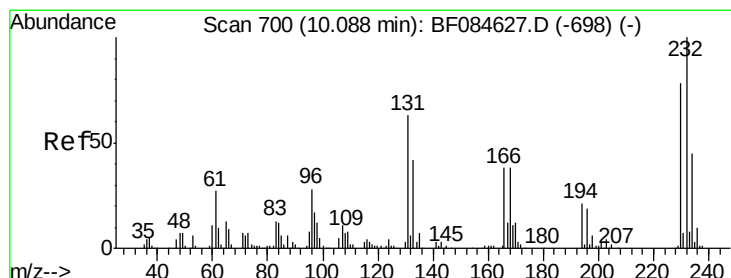
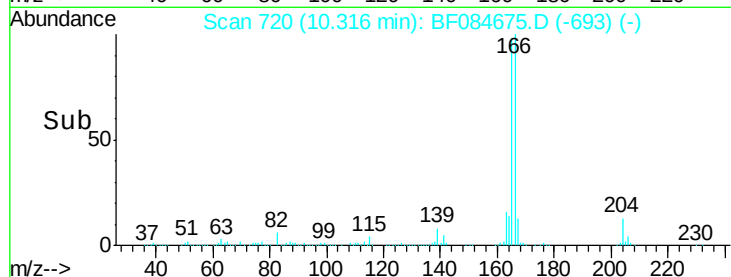
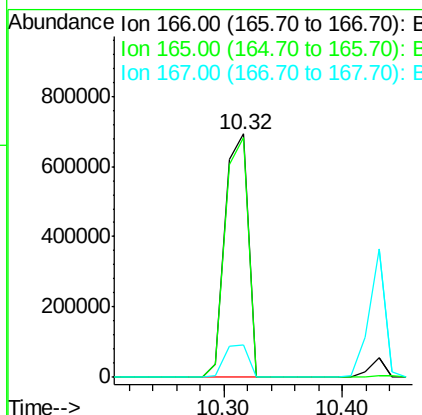
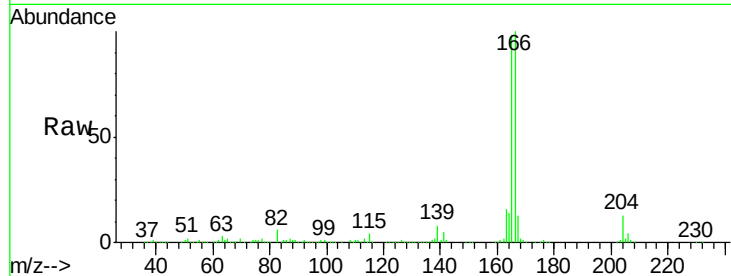
#57
 Fluorene
 Concen: 40.72 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	929668		
165	98.3	79.1	118.7	
167	13.3	10.4	15.6	

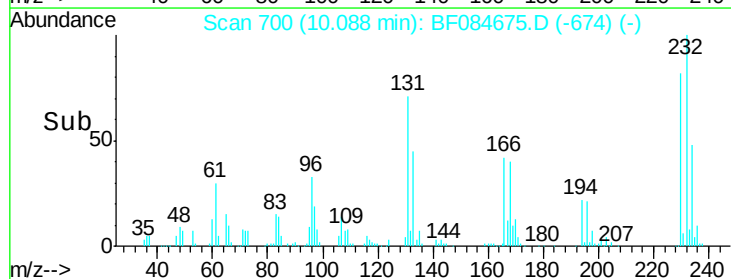
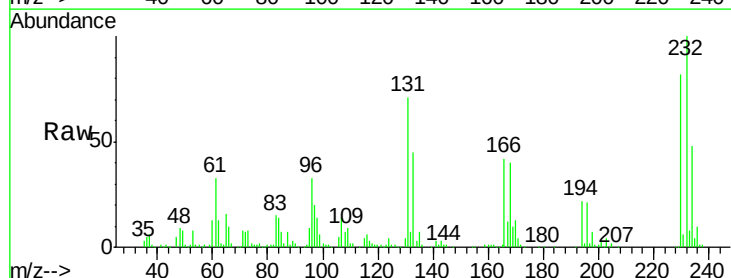
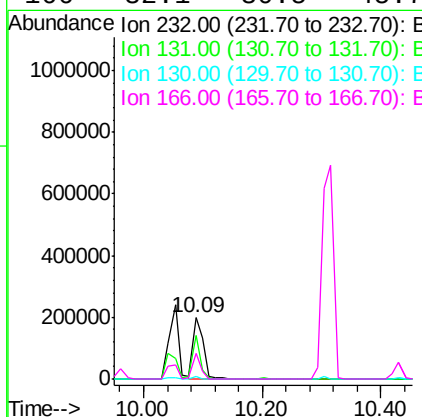
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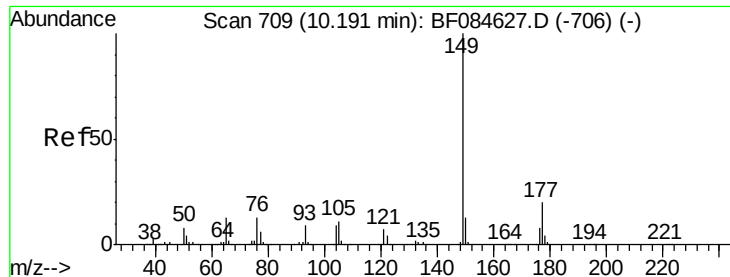
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.50 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	243210		
131	51.4	47.0	70.6	
130	2.9	2.0	3.0	
166	32.1	30.5	45.7	





#59

Diethylphthalate

Concen: 44.22 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:149 Resp: 1080646

Ion Ratio Lower Upper

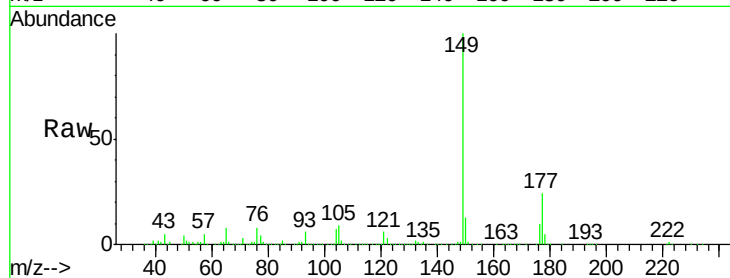
149 100

177 24.2 17.3 25.9

150 12.7 9.8 14.8

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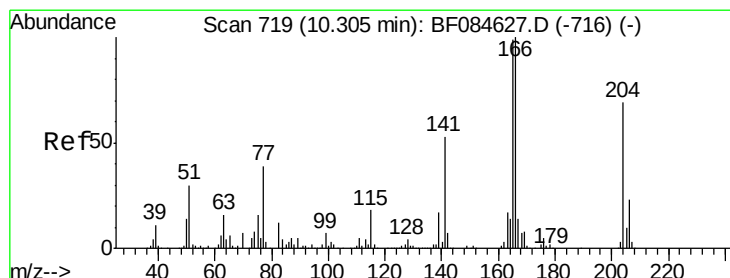
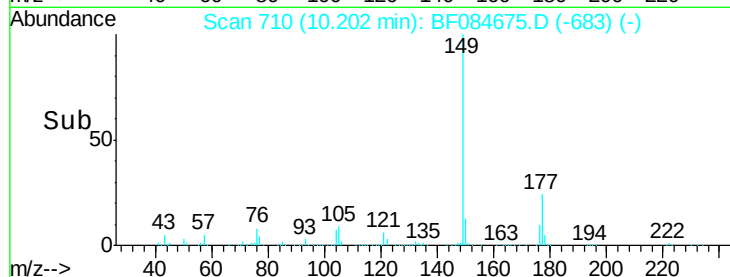
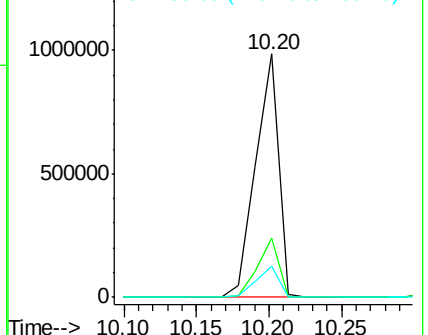
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.02 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

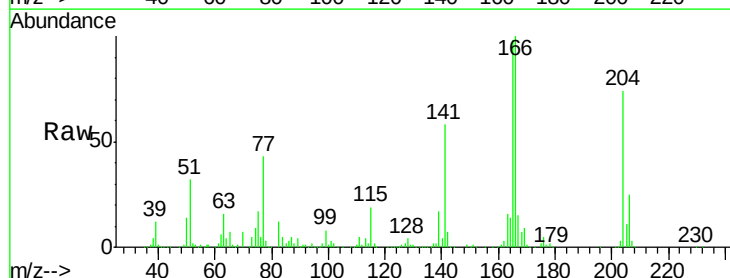
Tgt Ion:204 Resp: 399879

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

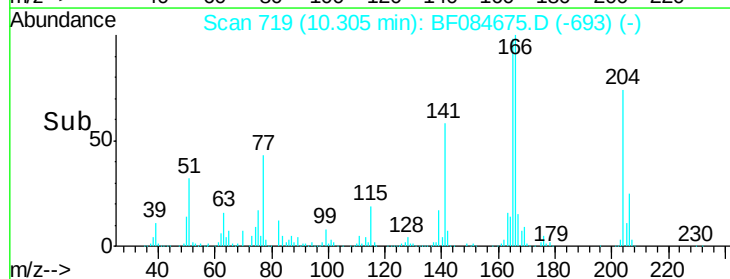
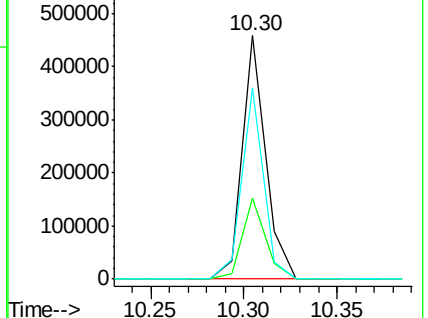
141 78.3 55.1 82.7

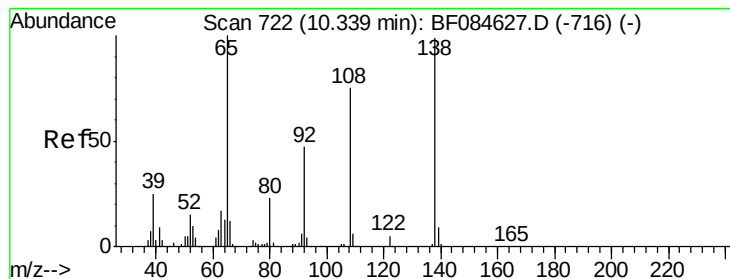


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.45 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

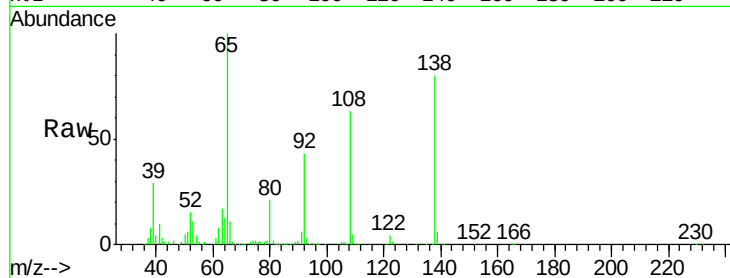
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	138	Resp:	230604
Ion Ratio	Lower	Upper	
138	100		
92	53.3	32.6	72.6
108	78.3	68.6	108.6

Manual Integrations
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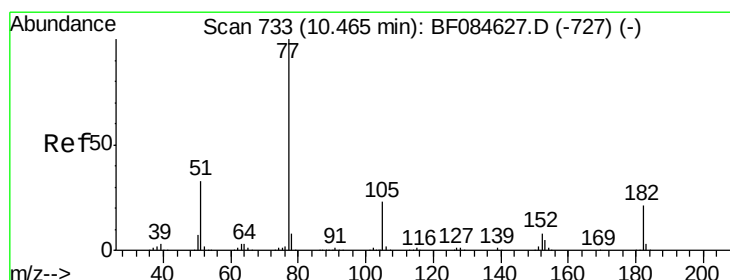
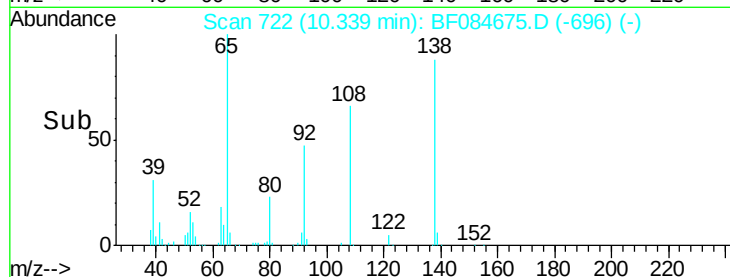
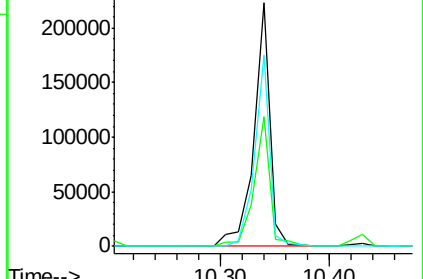
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.95 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

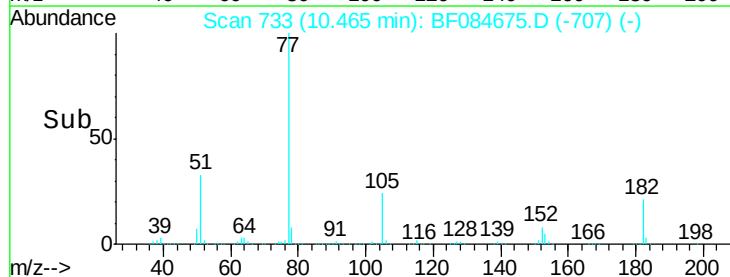
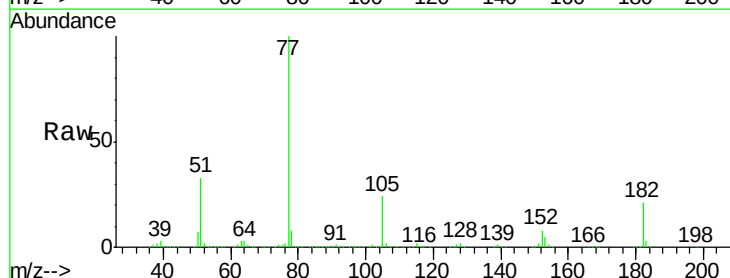
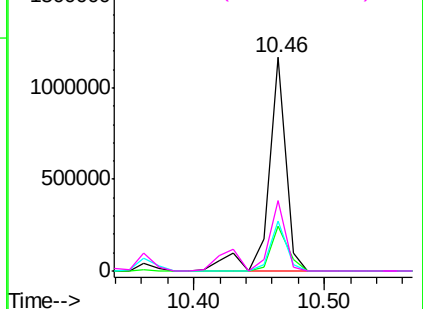
Tgt Ion:	77	Resp:	1098241
Ion Ratio	Lower	Upper	
77	100		
182	21.1	8.3	48.3
105	23.6	4.6	44.6
51	32.7	6.2	46.2

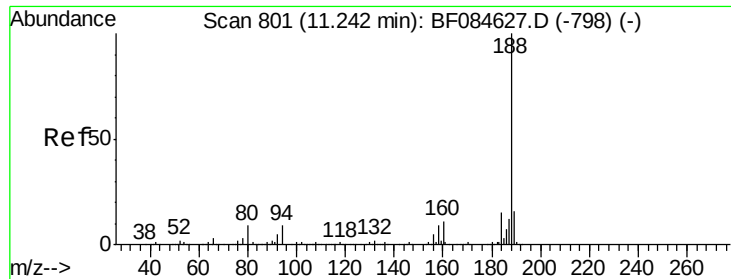
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

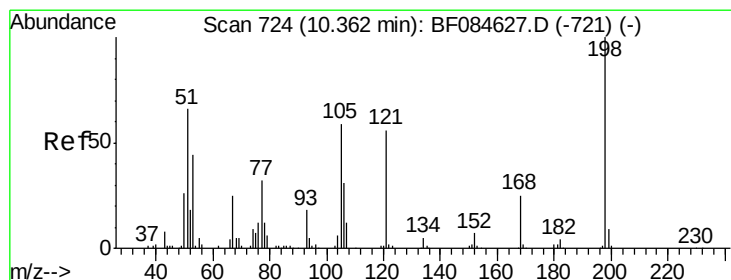
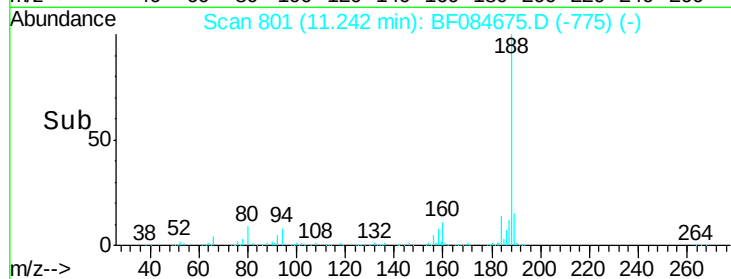
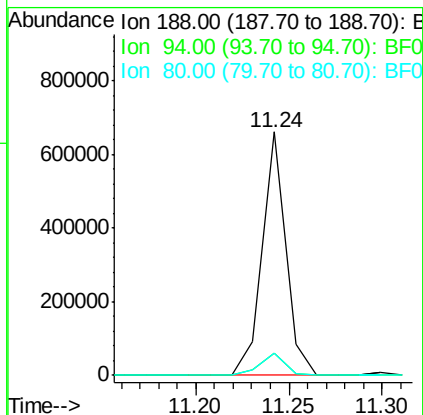
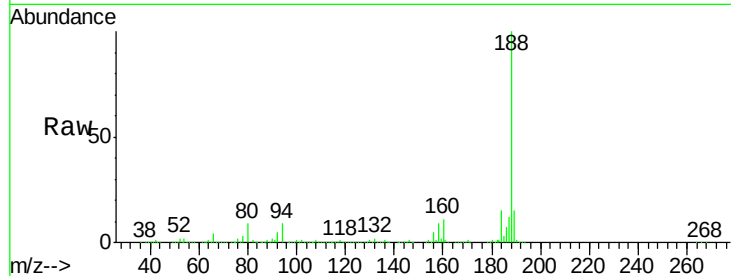
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	577371		
94	8.9	9.0	13.4#	
80	9.2	9.6	14.4#	

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 42.49 ng

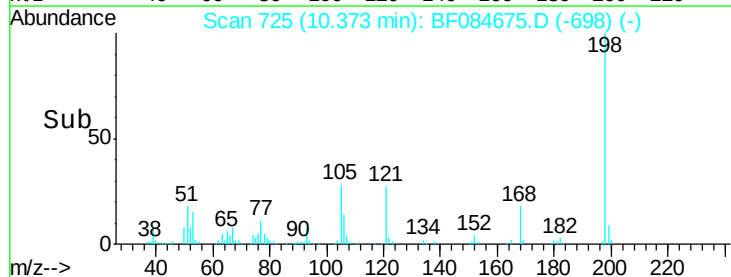
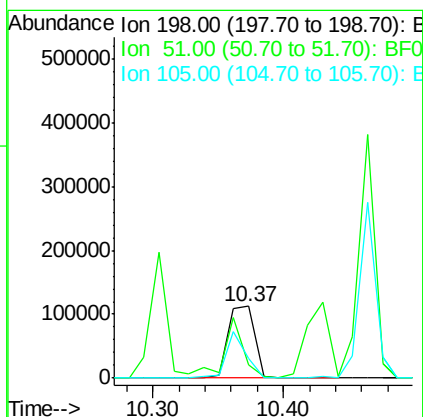
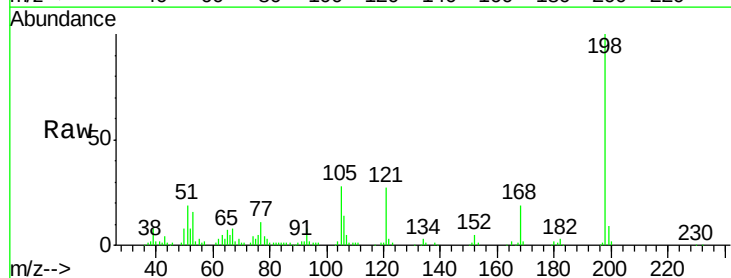
RT: 10.37 min Scan# 725

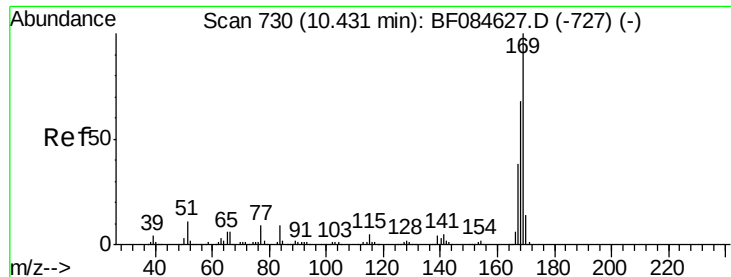
Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	160243		
51	18.8	18.9	58.9#	
105	28.1	26.4	66.4	





#65

n-Nitrosodiphenylamine

Concen: 48.24 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

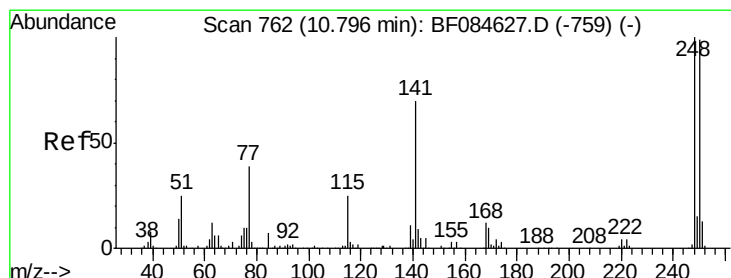
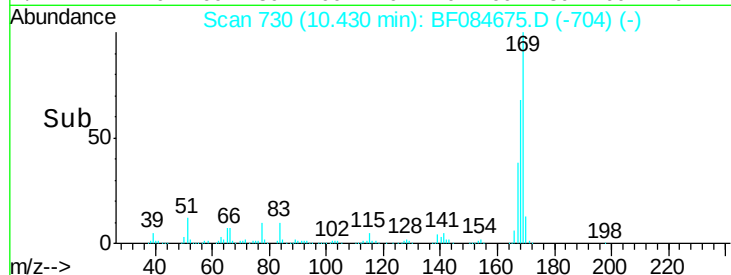
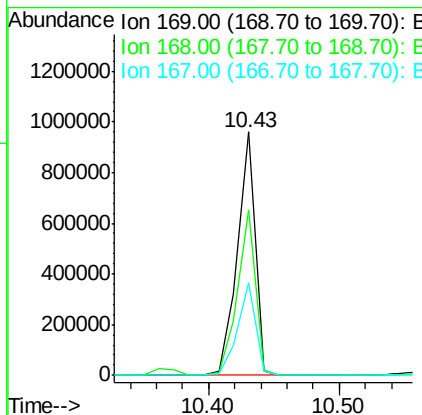
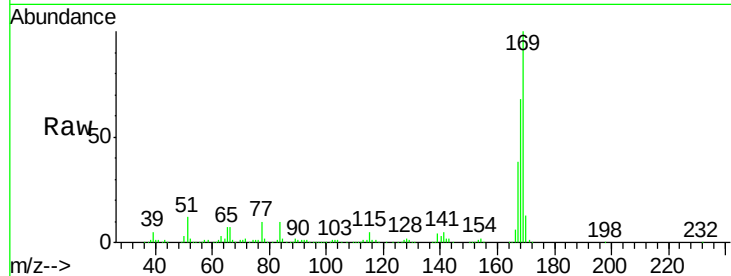
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:	169	Resp:	903157
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.1	82.7
167	37.8	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 46.37 ng

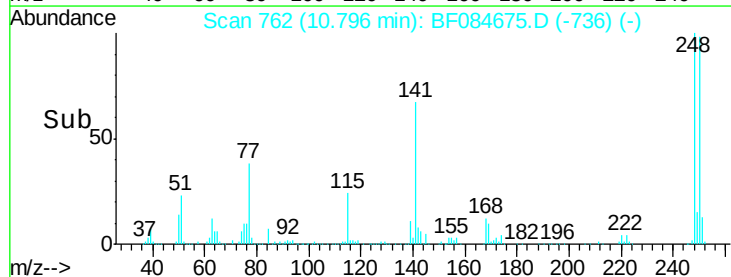
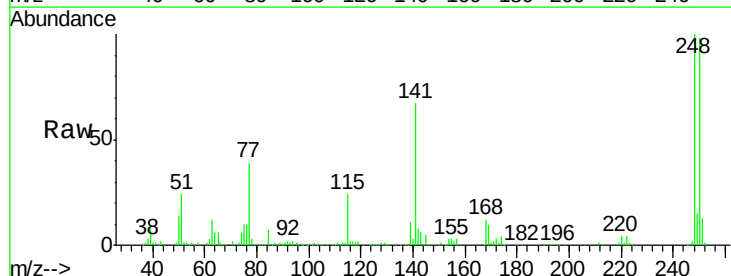
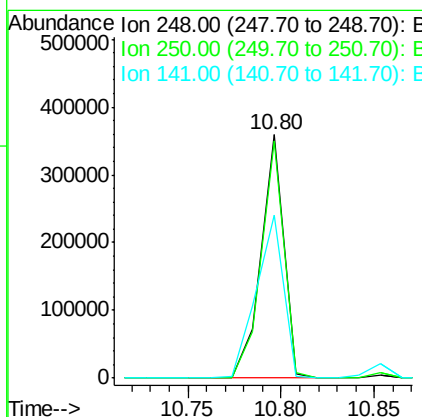
RT: 10.80 min Scan# 762

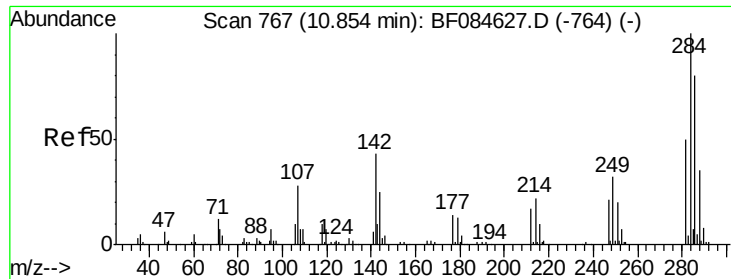
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:	248	Resp:	301527
Ion Ratio	Lower	Upper	
248	100		
250	97.5	78.4	117.6
141	66.8	44.0	66.0#





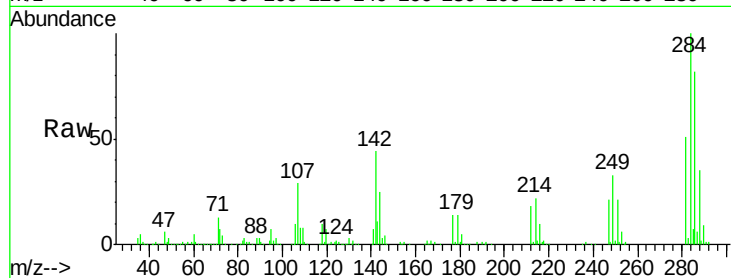
#67
Hexachlorobenzene
Concen: 40.91 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

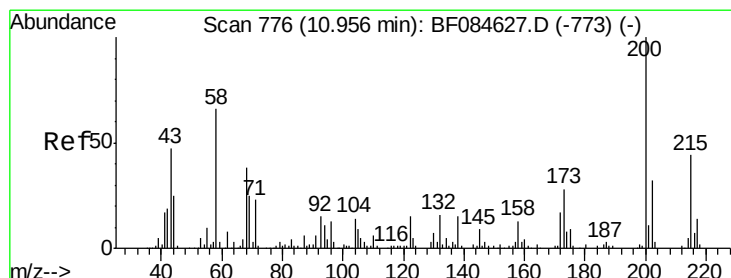
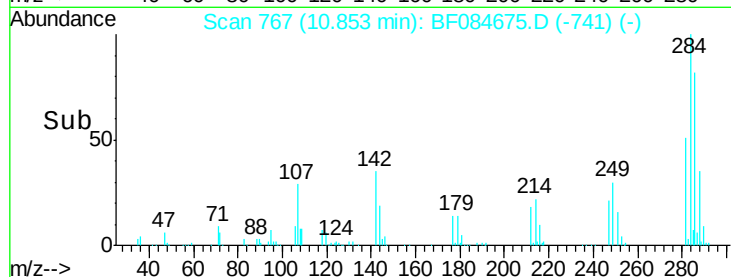
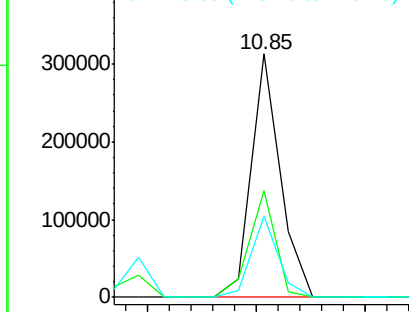
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	43.9	22.2	33.4#
249	33.4	24.6	37.0

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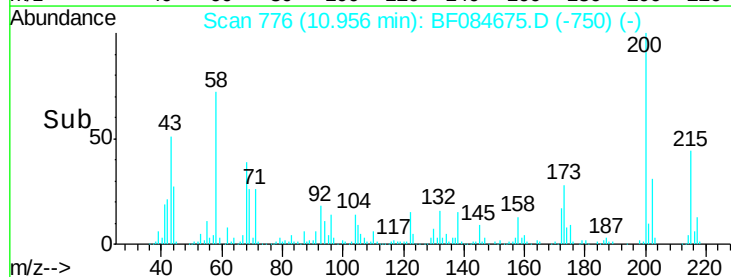
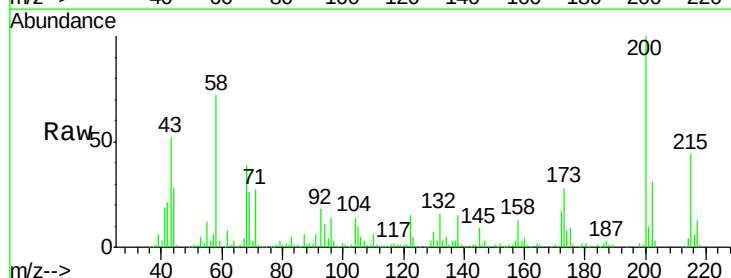
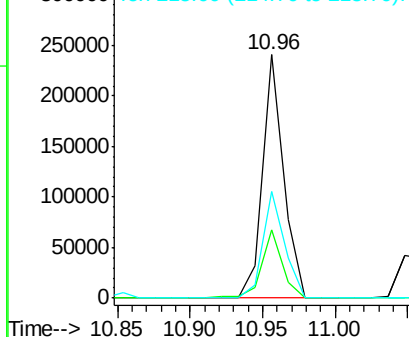
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

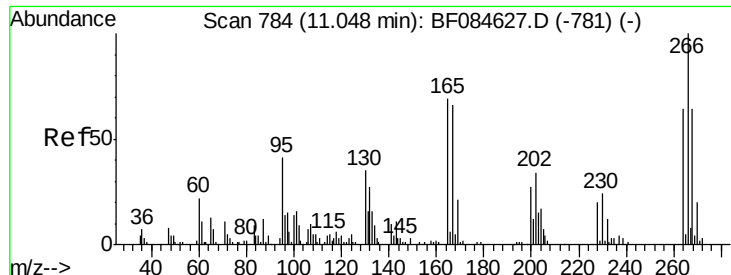


#68
Atrazine
Concen: 43.12 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	9.5	49.5
215	43.6	23.8	63.8

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





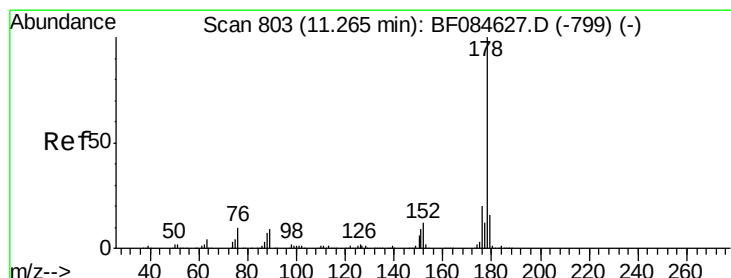
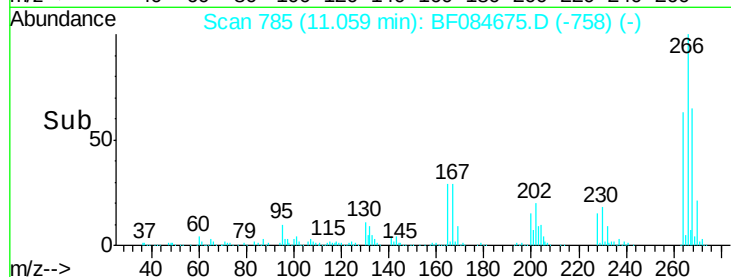
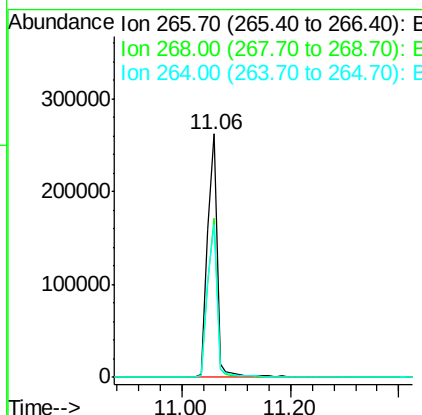
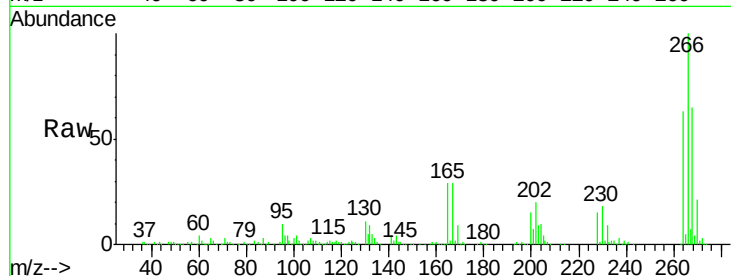
#69
 Pentachlorophenol
 Concen: 93.87 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	320758		
268	65.1		52.4	78.6
264	62.8		50.2	75.2

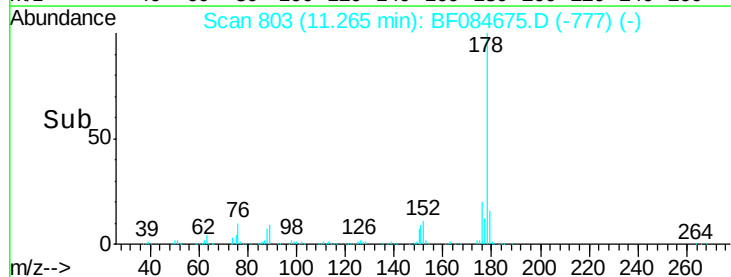
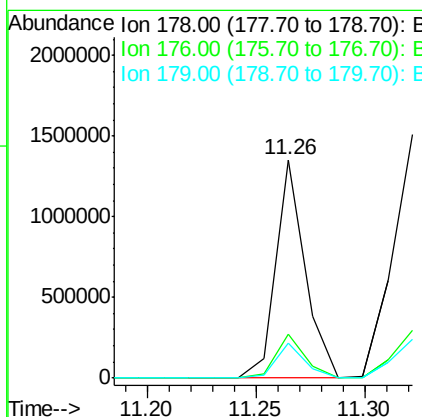
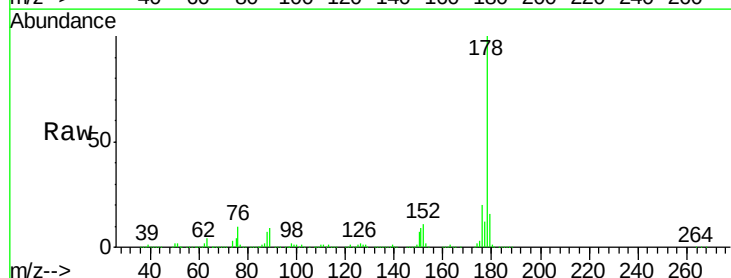
Manual Integrations
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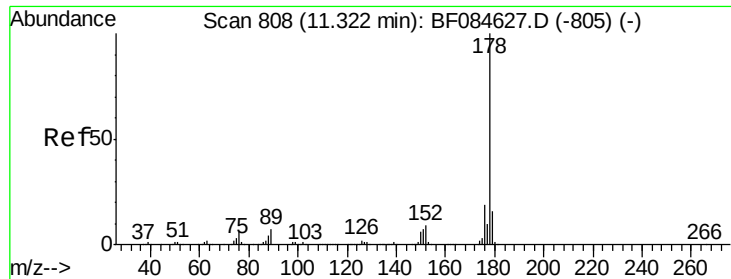
mohammad
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#70
 Phenanthrene
 Concen: 40.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1277151		
176	20.1		15.3	22.9
179	16.1		12.0	18.0





#71

Anthracene

Concen: 45.58 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:178 Resp: 1479511

Ion Ratio Lower Upper

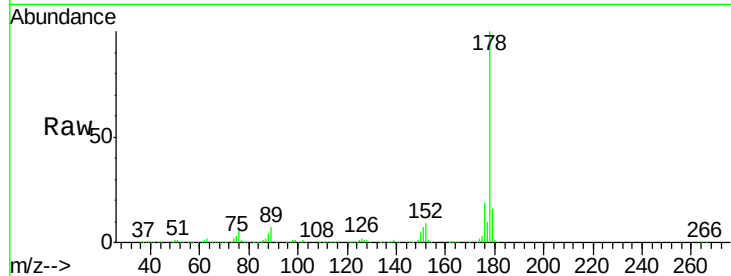
178 100

176 19.4 15.4 23.0

179 15.9 12.5 18.7

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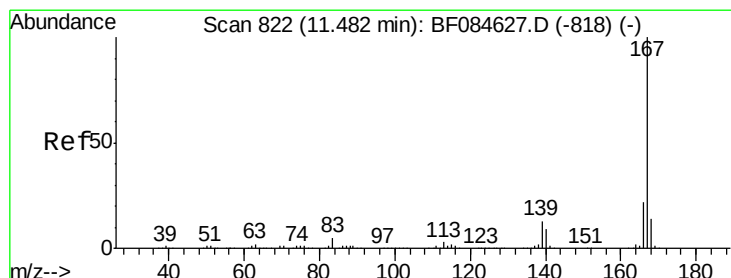
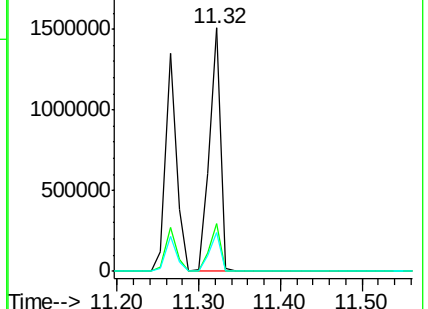
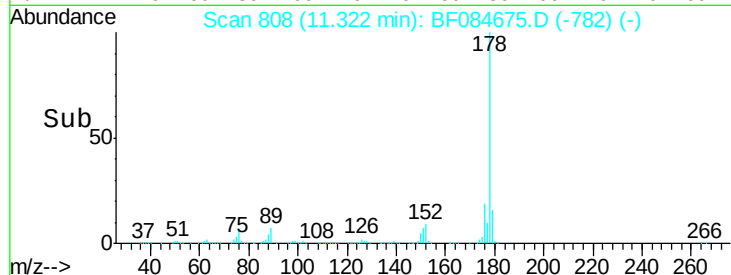
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.16 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

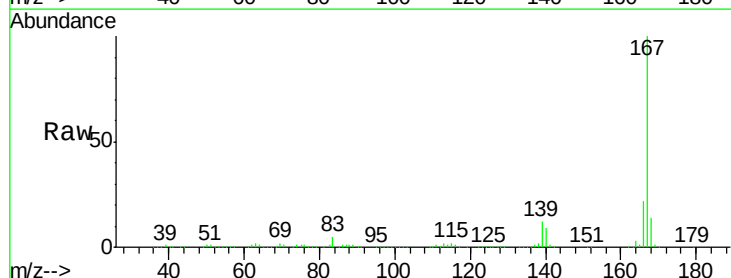
Tgt Ion:167 Resp: 1263274

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

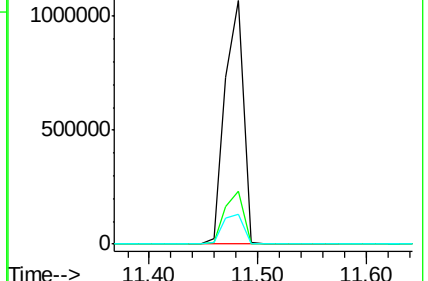
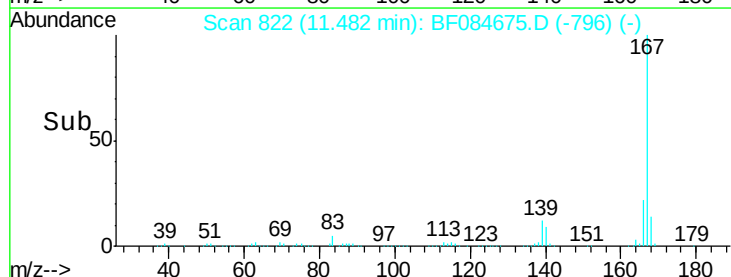
139 12.5 11.8 17.8

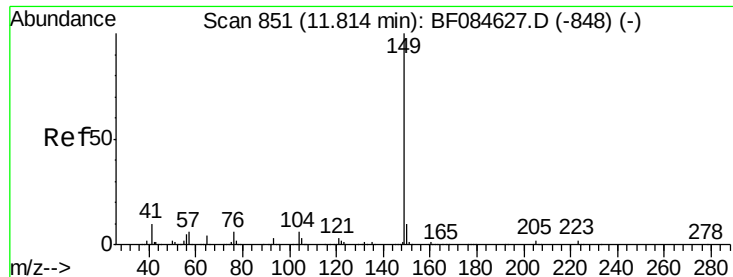


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:149 Resp: 1387473

Ion Ratio Lower Upper

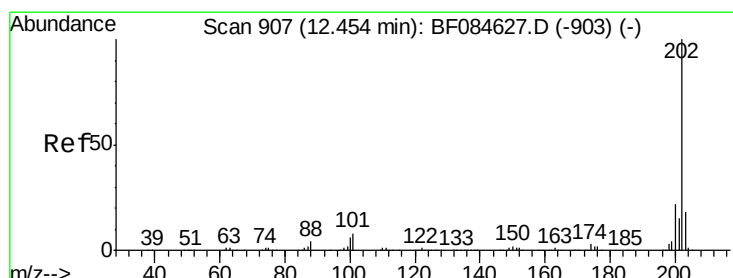
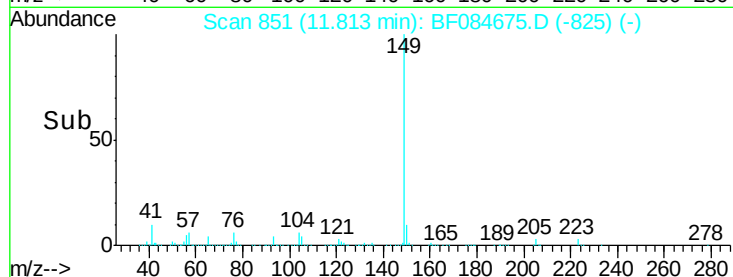
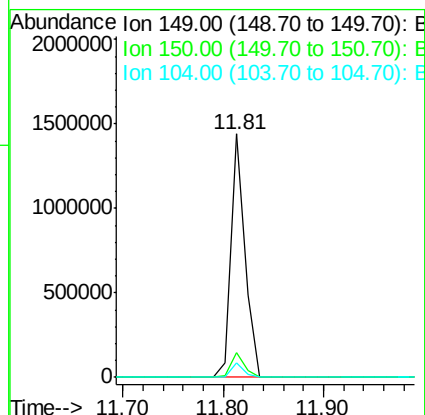
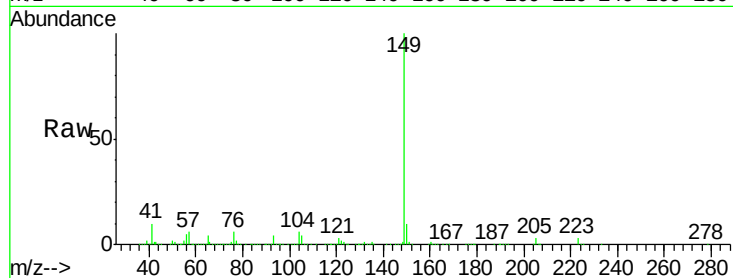
149 100

150 9.9 7.1 10.7

104 5.9 3.2 4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 42.60 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

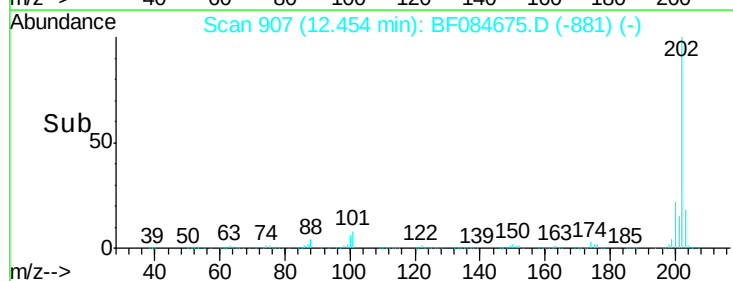
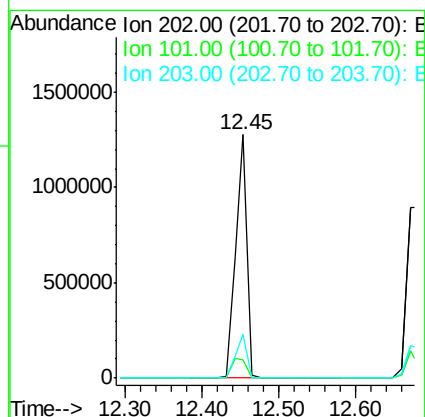
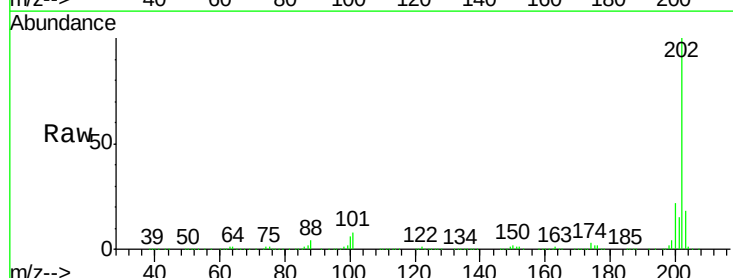
Tgt Ion:202 Resp: 1344550

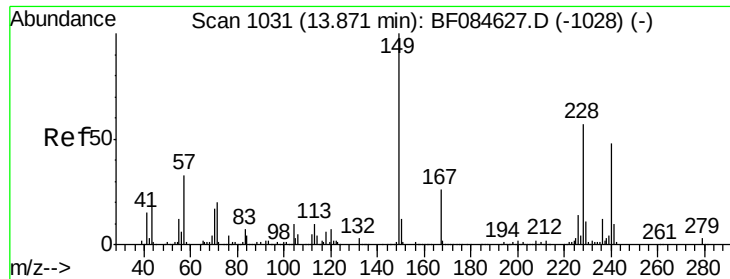
Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.8

203 17.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

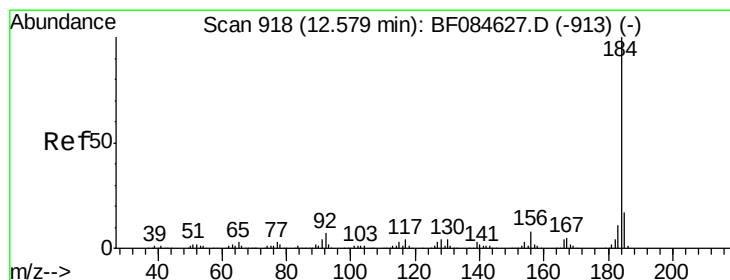
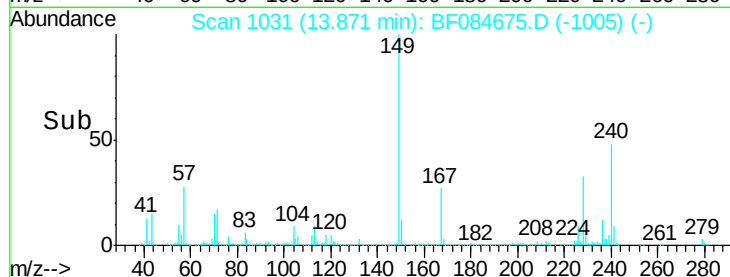
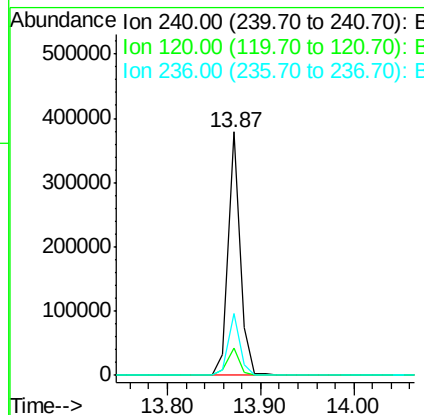
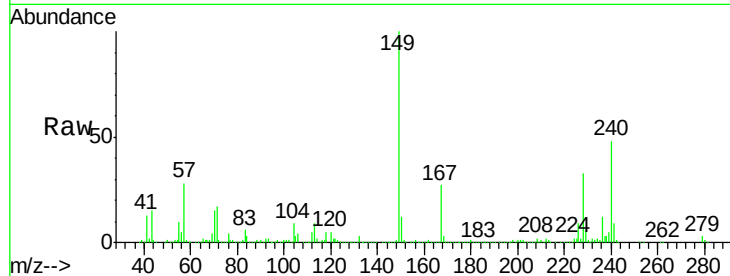
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.2	9.5	14.3	
236	25.7	20.6	31.0	

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#76

Benzidine

Concen: 49.77 ng

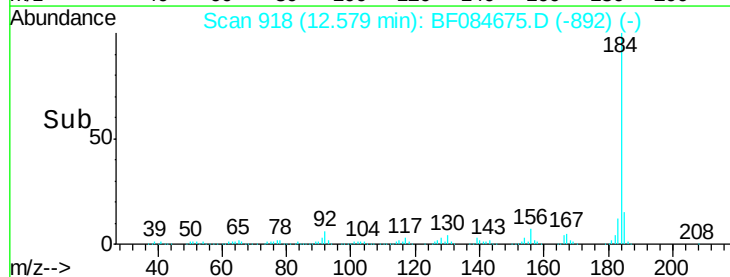
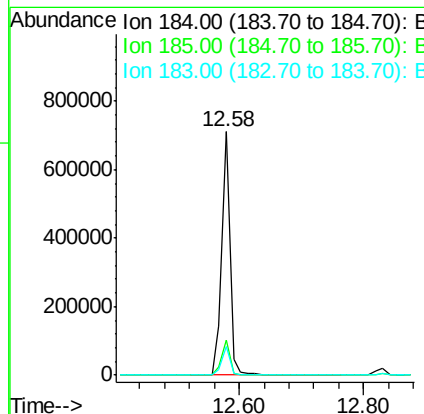
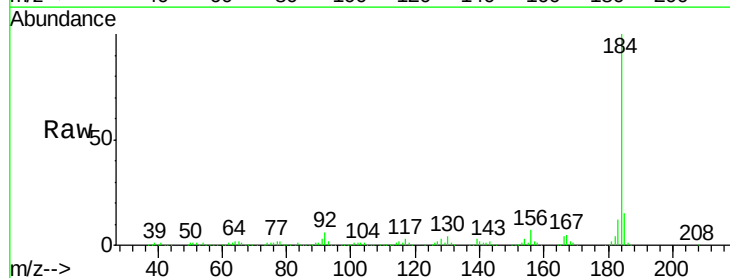
RT: 12.58 min Scan# 918

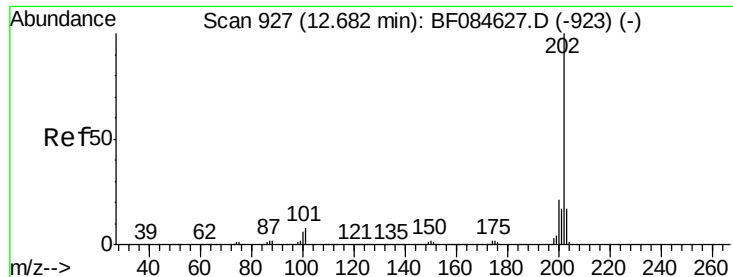
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.2	18.2	
183	11.7	9.8	14.8	





#77

Pvrene

Concen: 49.85 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

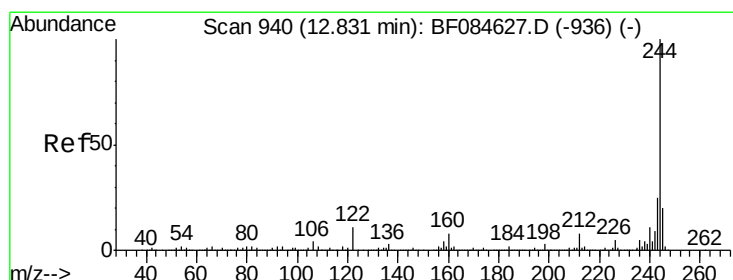
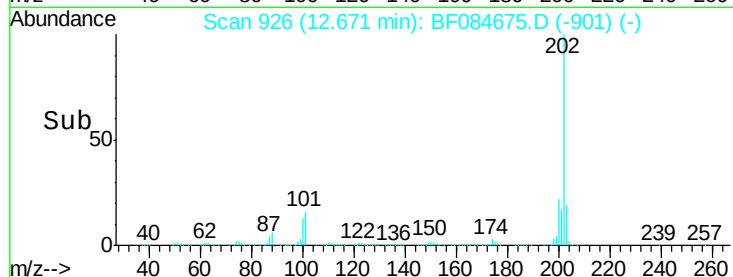
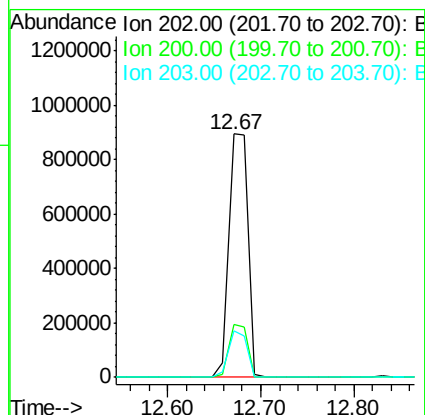
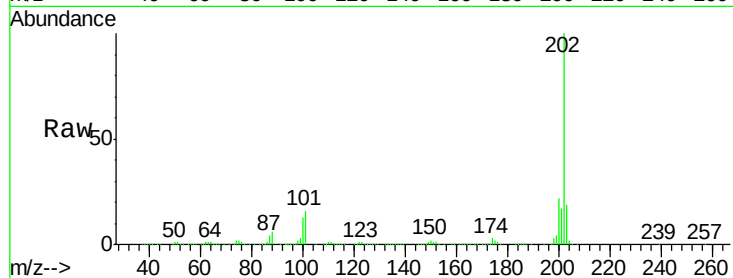
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.7	17.2	25.8	
203	19.3	14.3	21.5	

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#78

Terphenyl-d14

Concen: 105.52 ng

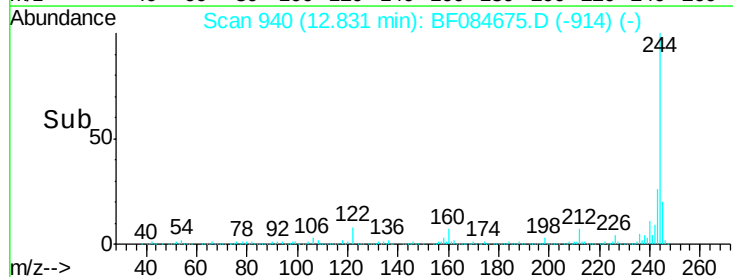
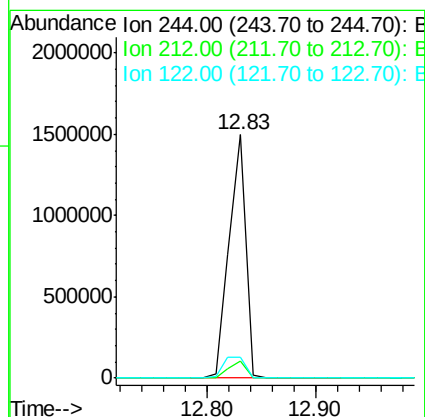
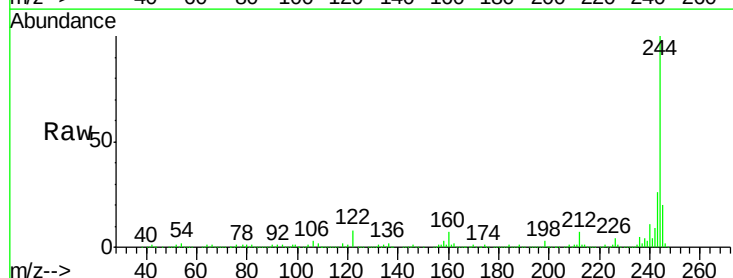
RT: 12.83 min Scan# 940

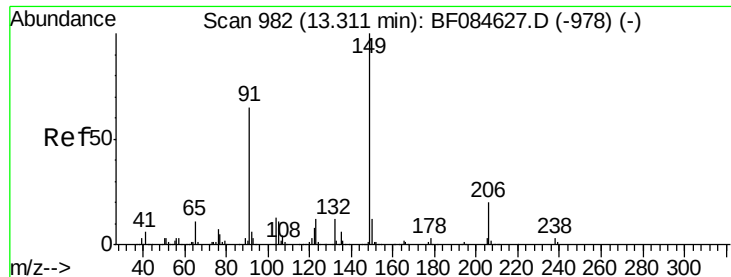
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.1	5.7	8.5	
122	8.3	7.4	11.0	





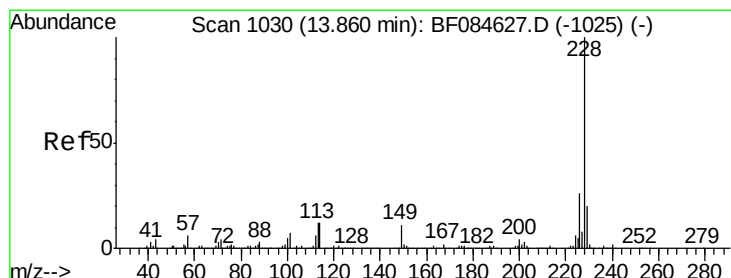
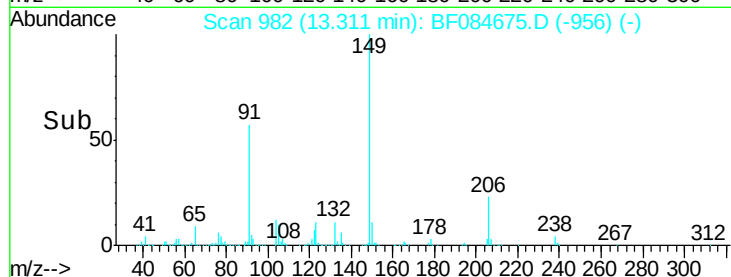
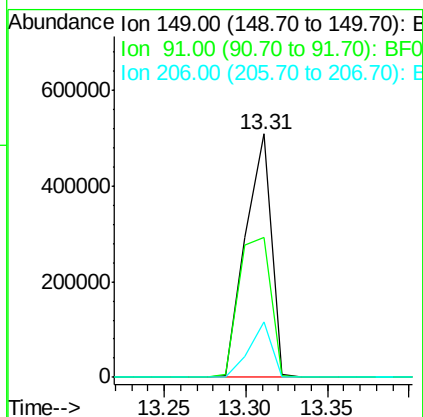
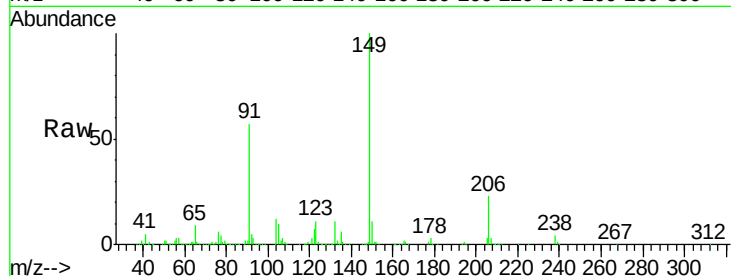
#79
Butylbenzylphthalate
Concen: 51.13 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.4	57.6	86.4#
206	22.6	13.2	19.8#

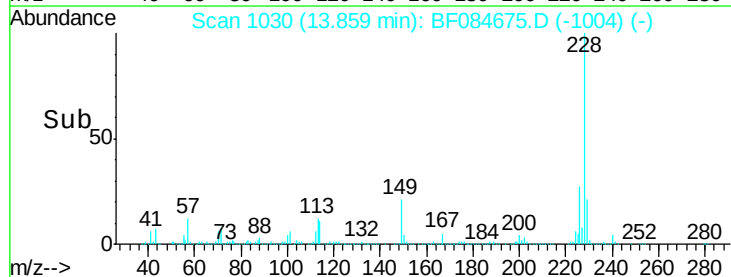
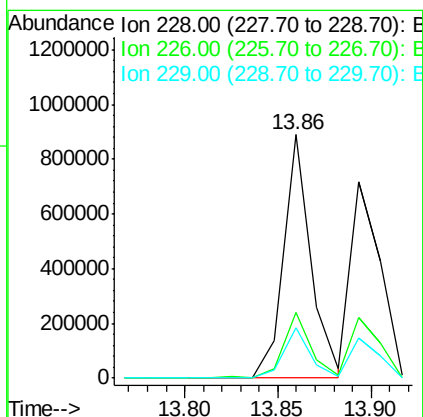
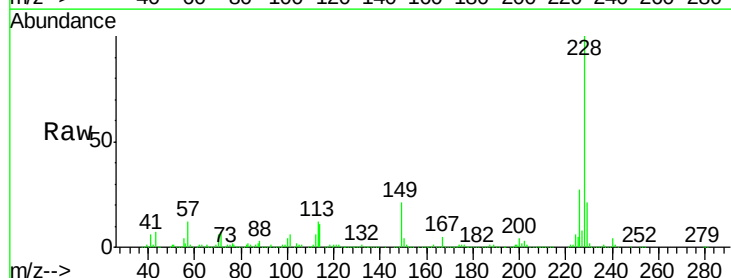
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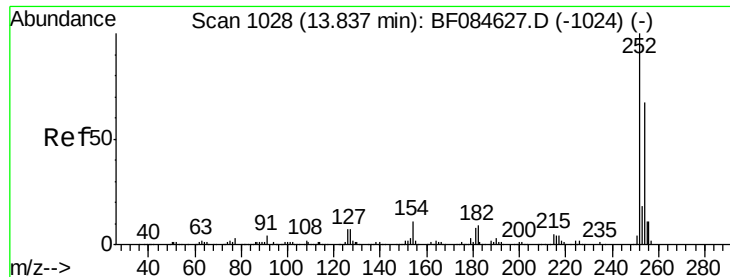
mohammad
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#80
Benzo(a)anthracene
Concen: 42.82 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	20.6	15.8	23.8





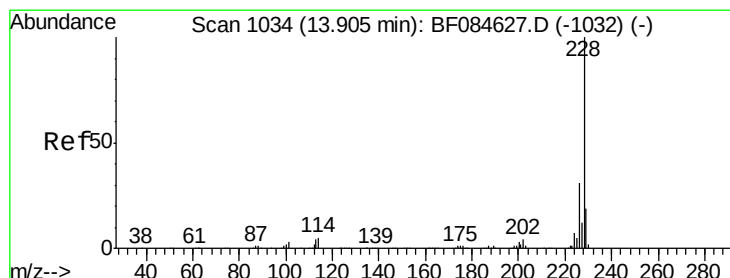
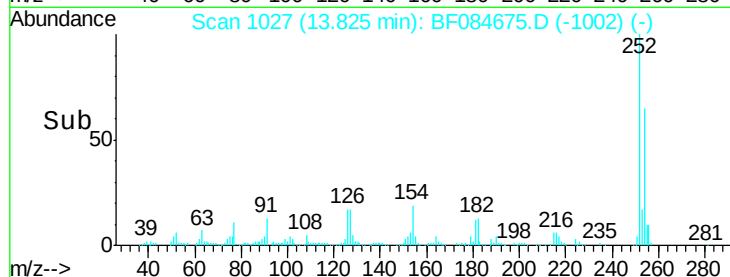
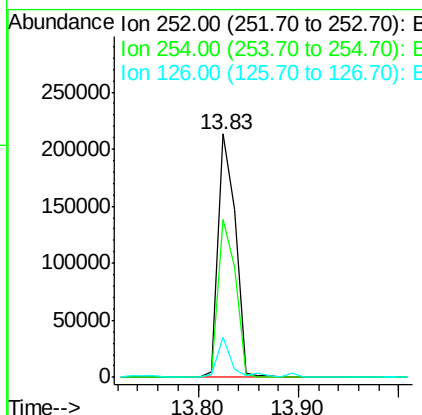
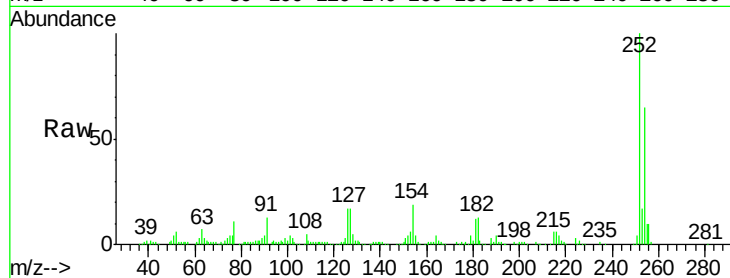
#81
 3,3'-Dichlorobenzidine
 Concen: 34.46 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	53.5	80.3
126	16.5	4.9	7.3

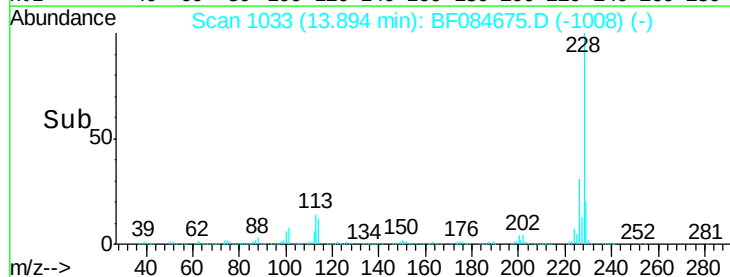
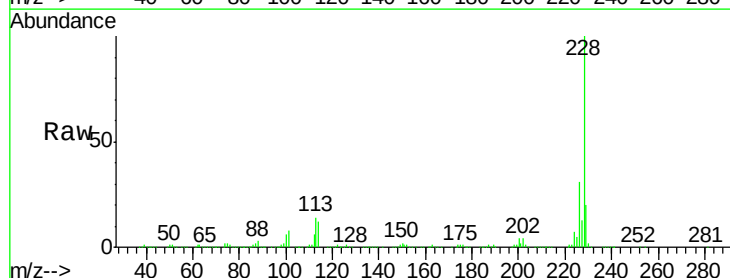
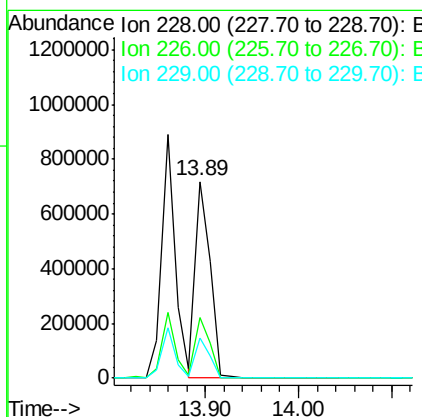
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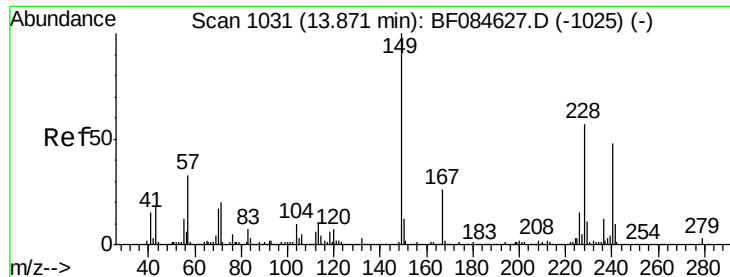
mohammad
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#82
 Chrysene
 Concen: 38.74 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.1	16.1	24.1





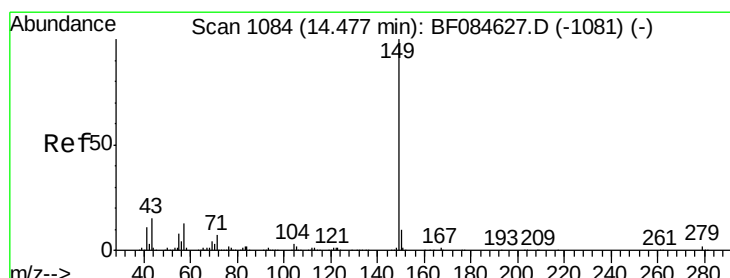
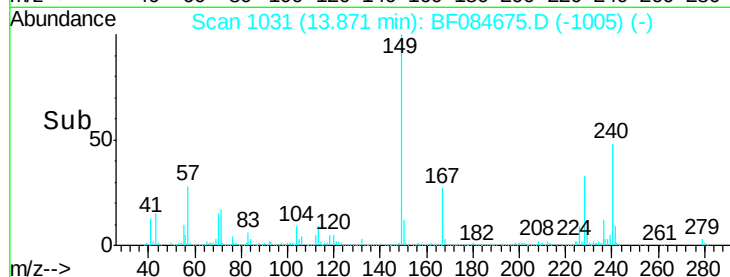
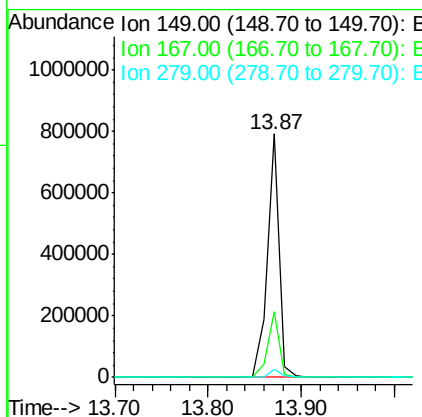
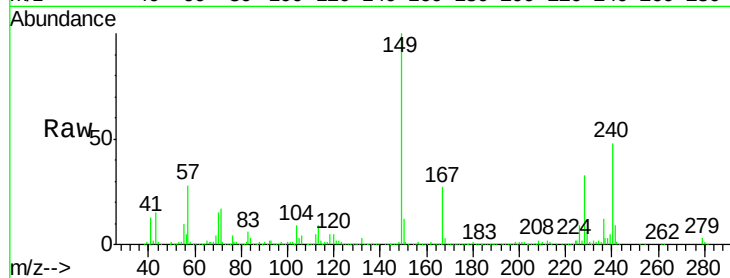
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.72 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.7	29.5
279	3.1	1.8	2.6

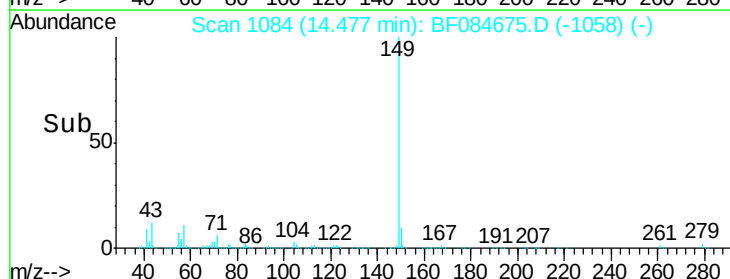
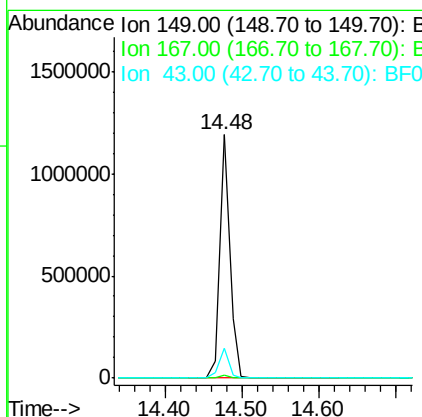
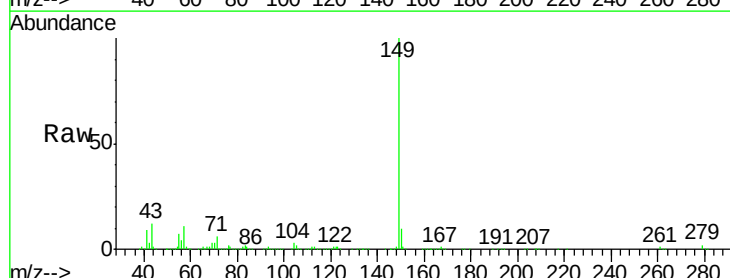
Manual Integrations
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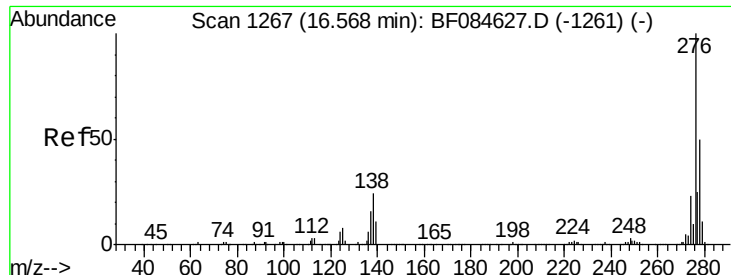
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 48.77 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	5.6	8.4





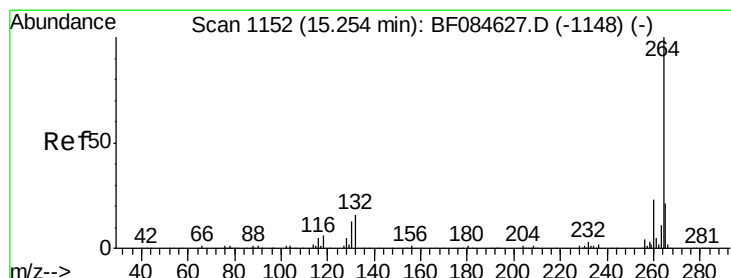
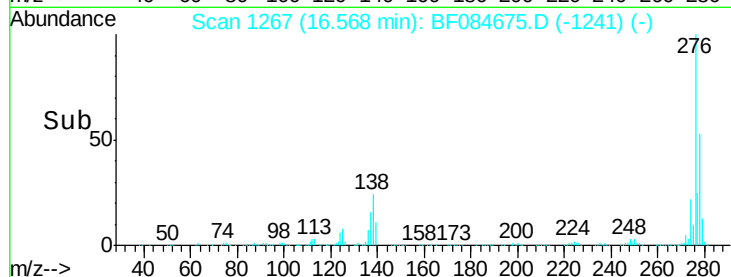
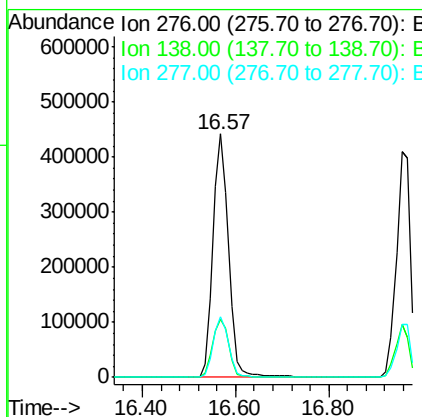
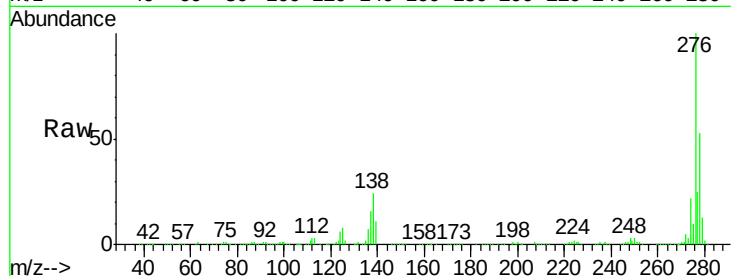
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.10 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	25.0	20.1	30.1

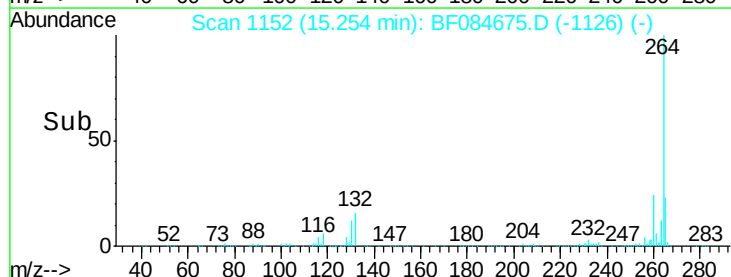
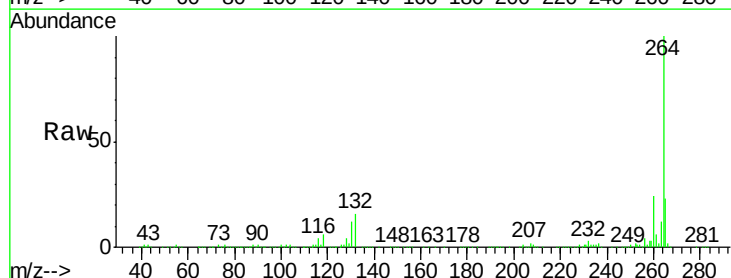
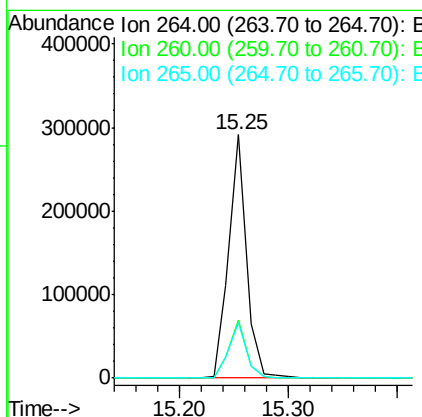
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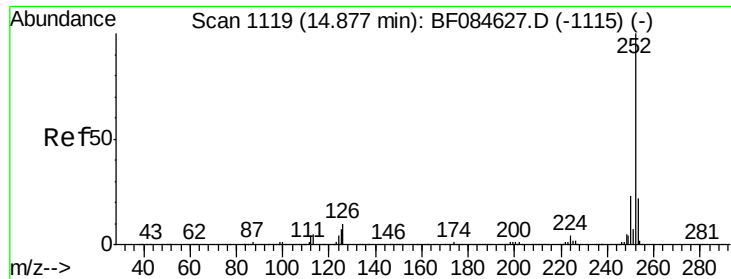
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.6	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 47.29 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

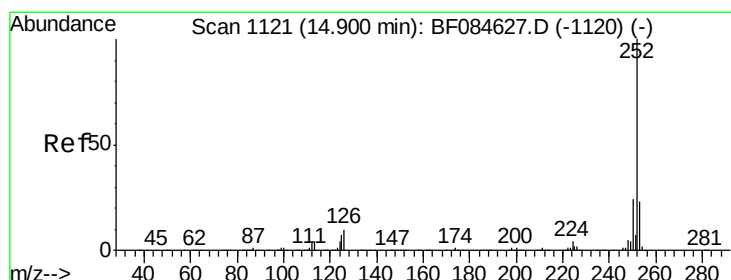
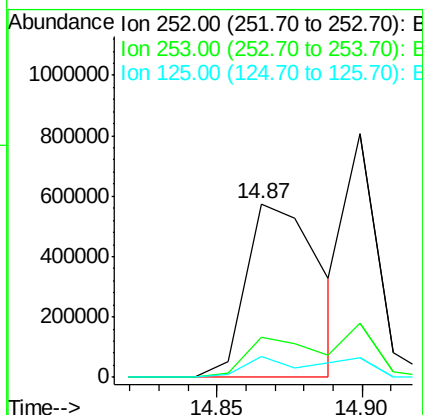
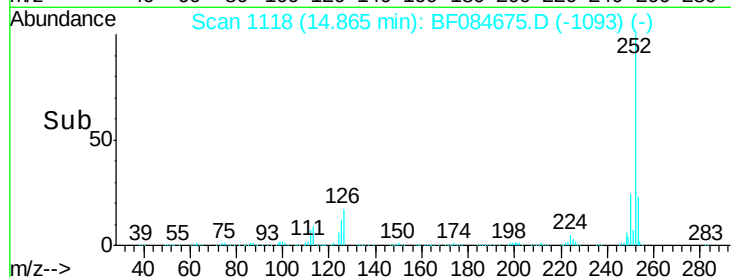
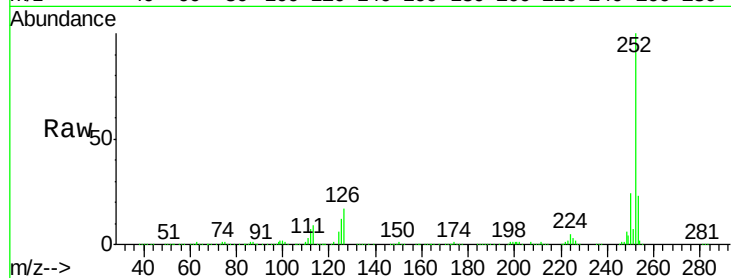
ClientSampleId :

WESTWALL-UST-115MS

Tot Ion:252	Resp: 1017061
Ion Ratio	Lower Upper
252 100	
253 22.8	17.3 25.9
125 12.2	6.5 9.7#

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#88

Benzo(k)fluoranthene

Concen: 35.68 ng m

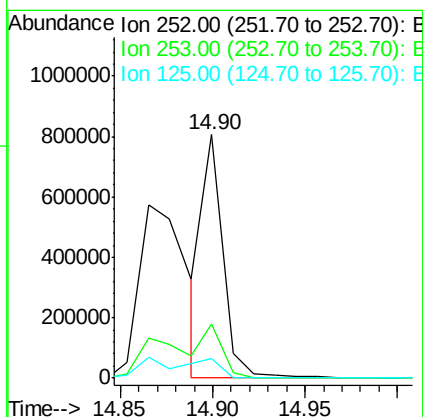
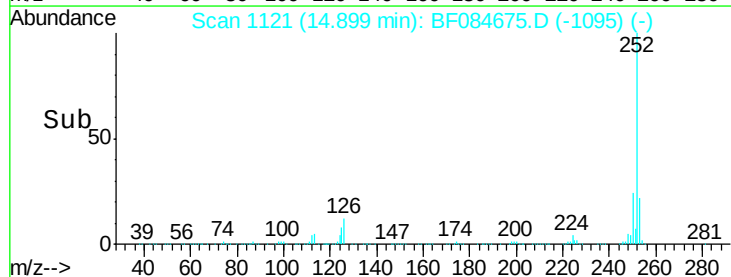
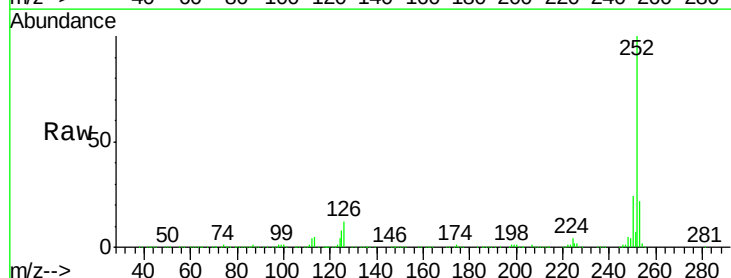
RT: 14.90 min Scan# 1121

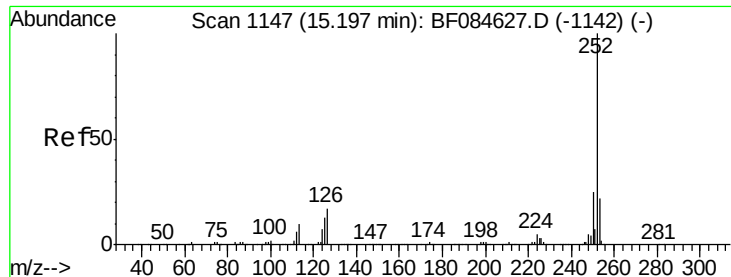
Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:252	Resp: 633823
Ion Ratio	Lower Upper
252 100	
253 22.4	18.1 27.1
125 8.0	9.0 13.6#





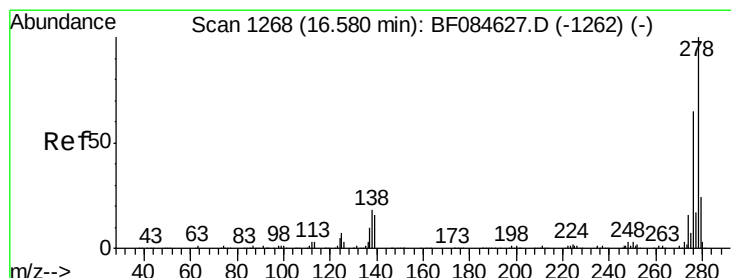
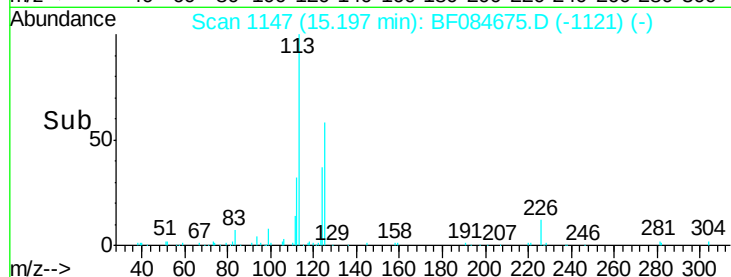
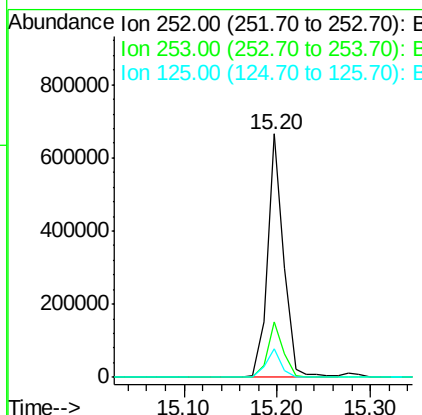
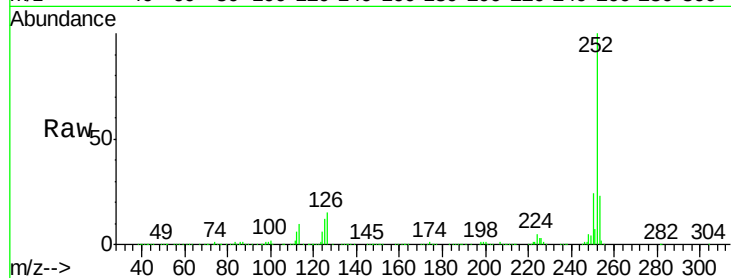
#89
Benzo(a)pyrene
Concen: 42.85 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.9	7.0	10.4

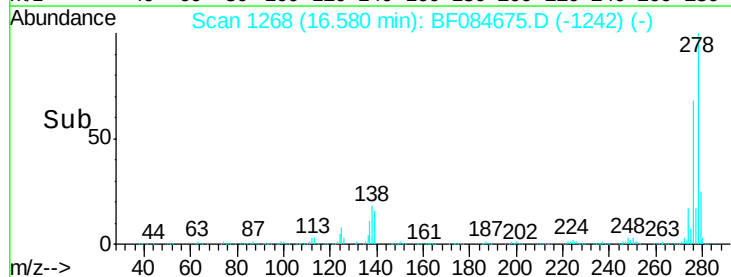
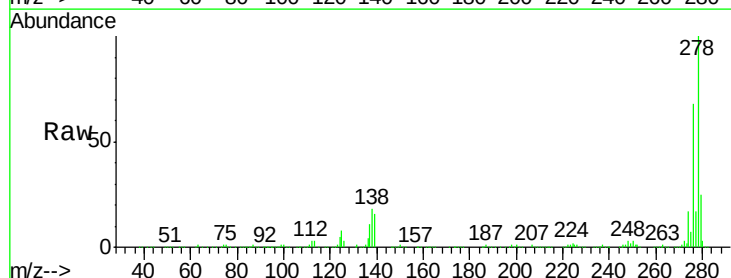
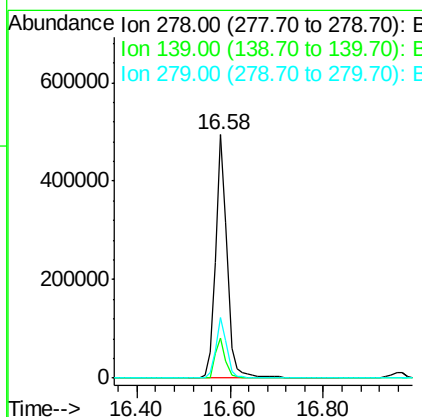
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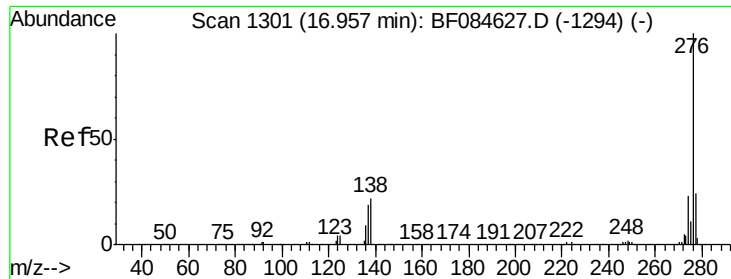
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 50.50 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.0	22.4
279	24.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 52.40 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.6	17.8	26.6

Manual Integrations
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 2/1/2016 2:25:35 PM

