

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084669.D
 Acq On : 30 Jan 2016 7:28
 Operator : SJ/IZ
 Sample : H1272-09MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:25:44 PM

Quant Time: Feb 01 00:57:57 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	173205	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686875	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	326790	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	595906	20.00	ng	0.00
75) Chrysene-d12	13.87	240	413062	20.00	ng	0.00
86) Perylene-d12	15.25	264	334112	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1125268	98.07	ng	0.01
7) Phenol-d6	6.37	99	1362375	99.06	ng	0.00
23) Nitrobenzene-d5	7.30	82	925244	75.28	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	393645	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1462568	66.52	ng	0.00
78) Terphenyl-d14	12.83	244	1280078	69.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	155401	29.04	ng	# 74
3) Pyridine	2.97	79	421535	29.57	ng	# 77
4) n-Nitrosodimethylamine	2.92	42	245558	35.23	ng	81
6) Aniline	6.38	93	413023	23.40	ng	# 19
8) 2-Chlorophenol	6.51	128	477603	37.53	ng	94
9) Benzaldehyde	6.27	77	24380	3.06	ng	94
10) Phenol	6.38	94	506809	33.07	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	426657m	35.79	ng	
12) 1,3-Dichlorobenzene	6.66	146	459781m	33.72	ng	
13) 1,4-Dichlorobenzene	6.74	146	473138	35.35	ng	95
14) 1,2-Dichlorobenzene	6.90	146	454700	36.90	ng	95
15) Benzyl Alcohol	6.88	79	390795	41.75	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	714785	35.03	ng	86
17) 2-Methylphenol	7.00	107	369762	37.48	ng	93
18) Hexachloroethane	7.24	117	183587	35.07	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	338563	40.30	ng	# 79
20) 3+4-Methylphenols	7.15	107	452704	37.81	ng	# 82
22) Acetophenone	7.14	105	644900	35.95	ng	99
24) Nitrobenzene	7.31	77	470231	36.00	ng	94
25) Isophorone	7.55	82	859986	37.35	ng	97
26) 2-Nitrophenol	7.63	139	254630	40.99	ng	# 87
27) 2,4-Dimethylphenol	7.68	122	398605	36.62	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	525925	38.06	ng	99
29) 2,4-Dichlorophenol	7.88	162	376908	39.59	ng	92
30) 1,2,4-Trichlorobenzene	7.95	180	378131	34.73	ng	97
31) Naphthalene	8.03	128	1233225	35.57	ng	99
32) Benzoic acid	7.76	122	39578	4.74	ng	94
33) 4-Chloroaniline	8.09	127	213536	15.14	ng	94
34) Hexachlorobutadiene	8.16	225	233871	36.35	ng	96
35) Caprolactam	8.45	113	119874m	43.87	ng	
36) 4-Chloro-3-methylphenol	8.58	107	403426	38.48	ng	94
37) 2-Methylnaphthalene	8.73	142	918433	43.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	336866	31.79	ng	98
40) Hexachlorocyclopentadiene	8.88	237	351097	72.86	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	252050	38.29	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	263019	38.70	nq	94
45) 1,1'-Biphenyl	9.18	154	1020794	34.08	nq	97
46) 2-Chloronaphthalene	9.21	162	747481	34.21	nq	96
47) 2-Nitroaniline	9.31	65	242530	36.96	nq	97
48) Acenaphthylene	9.63	152	1205662	36.42	nq	99
49) Dimethylphthalate	9.49	163	1073669	43.78	nq	# 89
50) 2,6-Dinitrotoluene	9.56	165	216478	40.11	nq	95
51) Acenaphthene	9.80	154	840458	37.91	nq	97
52) 3-Nitroaniline	9.72	138	147117	26.09	nq	92
53) 2,4-Dinitrophenol	9.84	184	128917	48.41	nq	# 79
54) Dibenzofuran	9.97	168	1073746	40.58	nq	98
55) 4-Nitrophenol	9.90	139	361109	87.18	nq	87
56) 2,4-Dinitrotoluene	9.96	165	294341	41.98	nq	92
57) Fluorene	10.30	166	806925	35.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	211828	41.22	nq	94
59) Diethylphthalate	10.20	149	903064	37.61	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	377260	37.47	nq	98
61) 4-Nitroaniline	10.34	138	230153	43.12	nq	91
62) Azobenzene	10.46	77	978947	42.60	nq	91
64) 4,6-Dinitro-2-methylphenol	10.36	198	135509	34.82	nq	# 60
65) n-Nitrosodiphenylamine	10.43	169	787740	40.77	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	258791	38.56	nq	96
67) Hexachlorobenzene	10.85	284	261621	35.84	nq	# 87
68) Atrazine	10.96	200	215974	37.31	nq	98
69) Pentachlorophenol	11.06	266	275897	78.23	nq	97
70) Phenanthrene	11.26	178	1216201	36.91	nq	97
71) Anthracene	11.32	178	1335383	39.86	nq	100
72) Carbazole	11.48	167	1138045	39.41	nq	97
73) Di-n-butylphthalate	11.81	149	1302210	37.08	nq	# 96
74) Fluoranthene	12.45	202	1366725	41.95	nq	94
76) Benzidine	12.58	184	501910	31.95	nq	99
77) Pyrene	12.67	202	1299692	41.72	nq	99
79) Butylbenzylphthalate	13.31	149	563209	42.32	nq	# 85
80) Benzo(a)anthracene	13.86	228	960523	37.30	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	192320	21.23	nq	# 95
82) Chrysene	13.89	228	882959	34.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	724794	41.98	nq	# 97
84) Di-n-octyl phthalate	14.48	149	1076789	39.47	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.57	276	786076	35.03	nq	99
87) Benzo(b)fluoranthene	14.88	252	943784m	43.62	nq	
88) Benzo(k)fluoranthene	14.90	252	614971m	34.41	nq	
89) Benzo(a)pyrene	15.20	252	725413	38.76	nq	# 96
90) Dibenzo(a,h)anthracene	16.58	278	651094	38.60	nq	# 96
91) Benzo(g,h,i)perylene	16.96	276	686551	40.32	nq	99

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

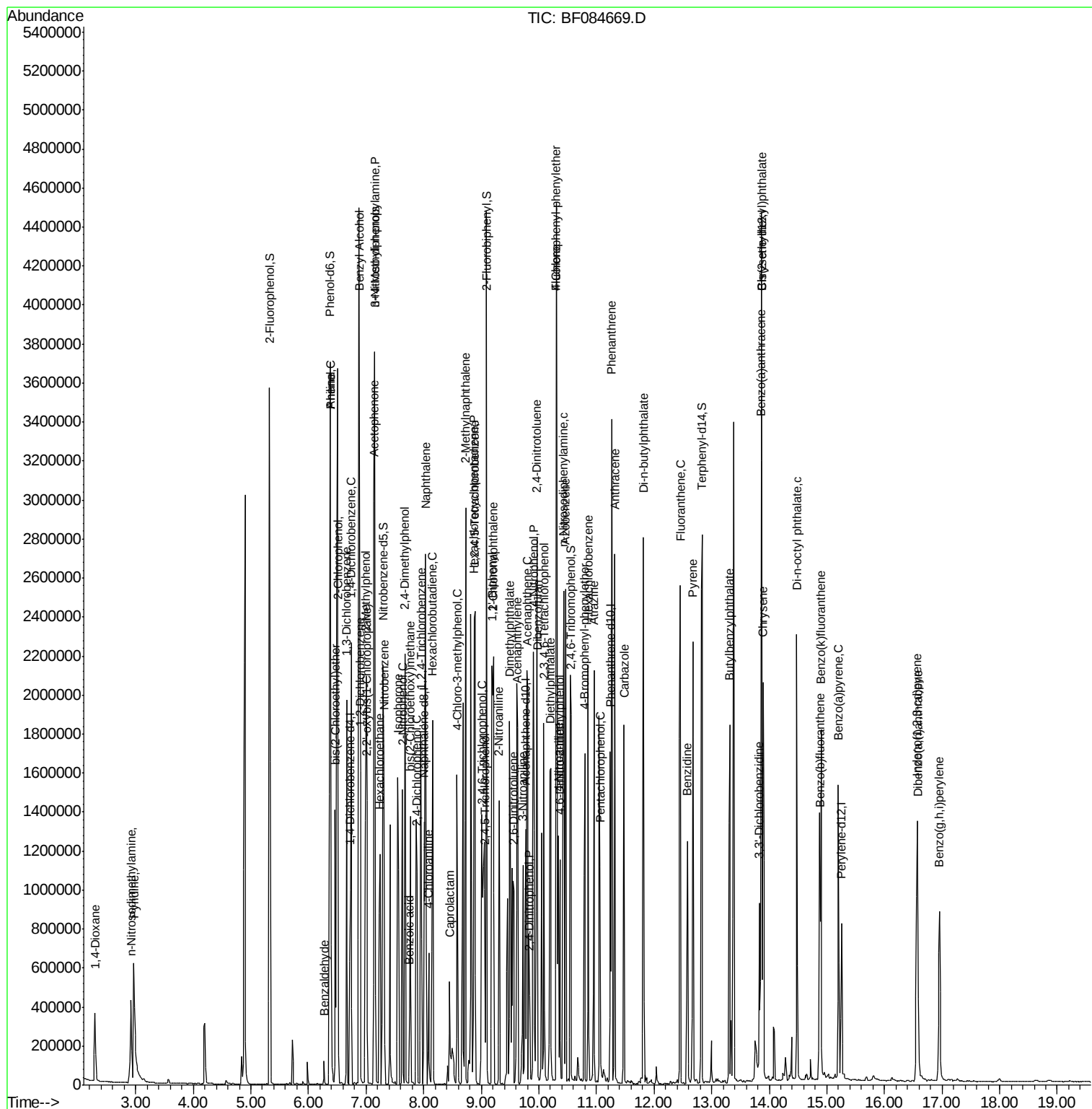
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Operator  : SJ/IZ  
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ALS Vial  : 56    Sample Multiplier: 1
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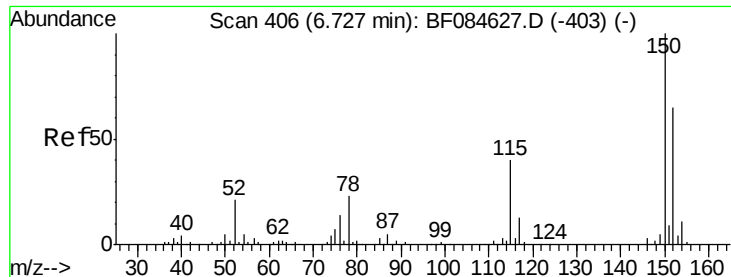
Instrument :
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ClientSampleId :
SUP-B013(20-23)MS

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#1

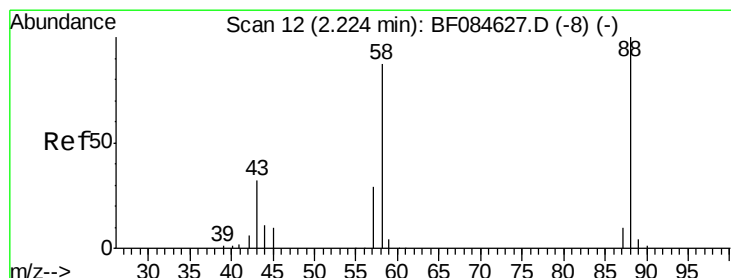
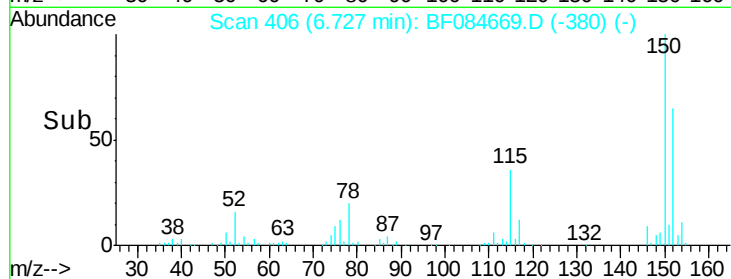
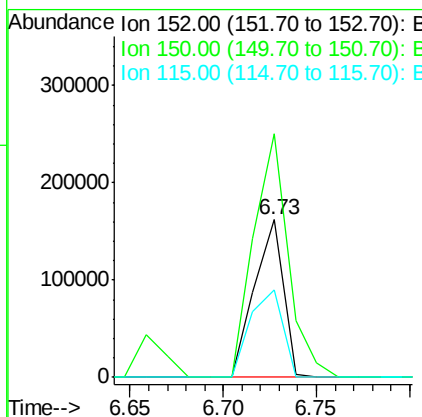
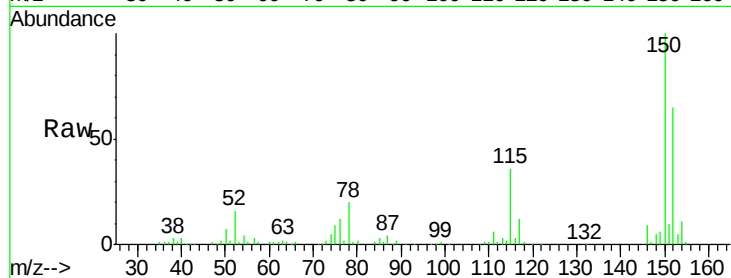
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.4
115	55.9	51.4	77.2

Manual Integrations
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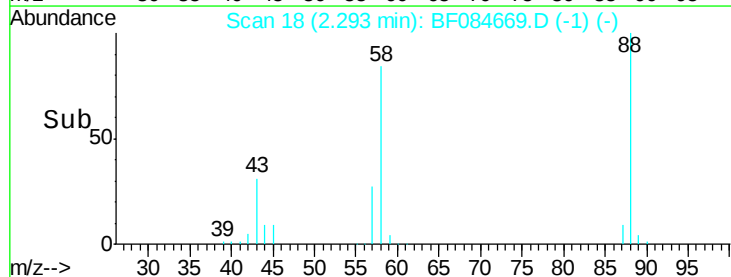
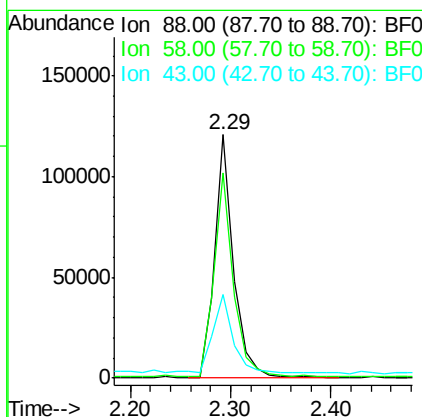
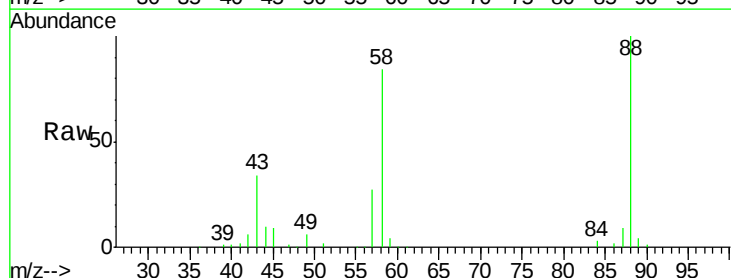
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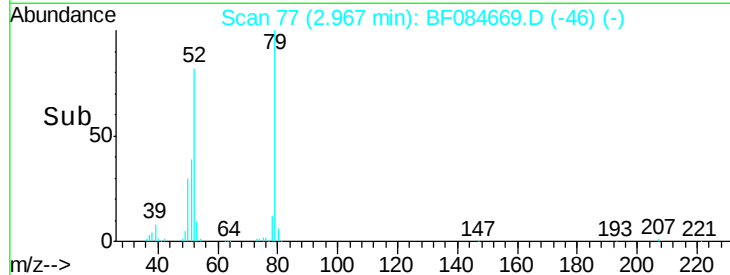
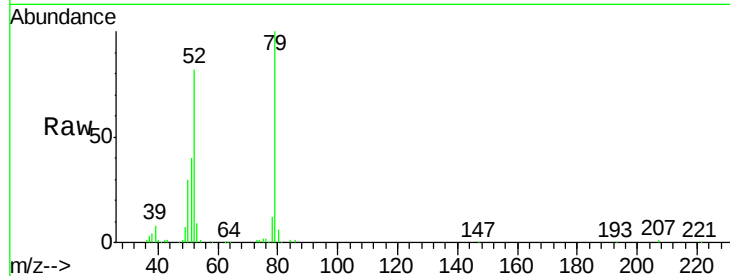
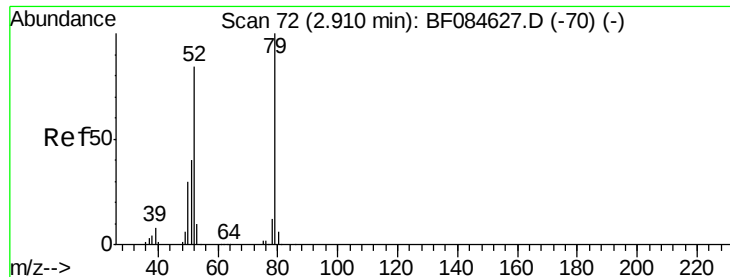


#2

1,4-Dioxane
Concen: 29.04 ng
RT: 2.29 min Scan# 18
Delta R.T. 0.07 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	51.2	76.8#
43	34.6	19.5	29.3#





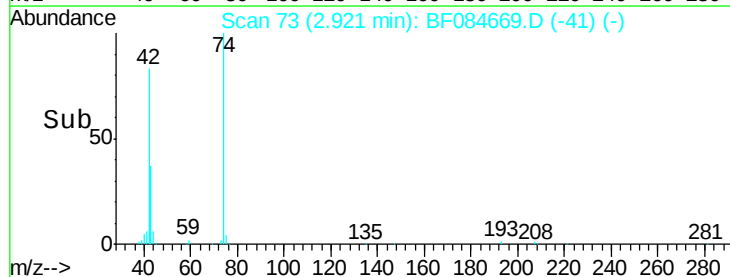
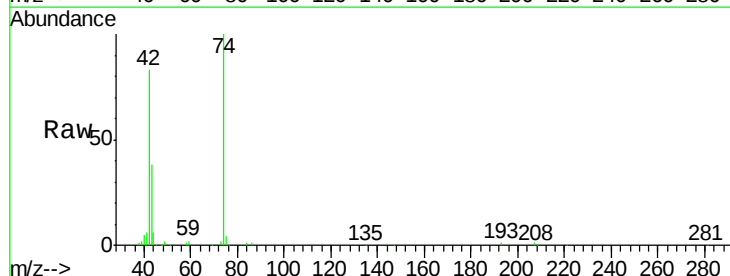
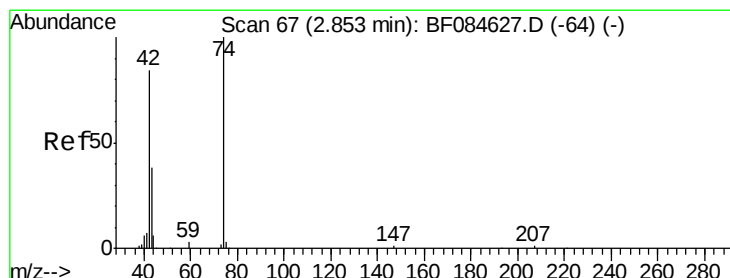
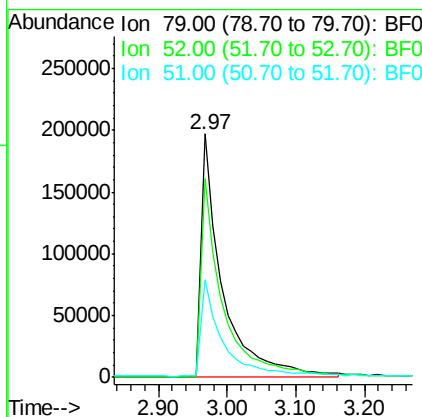
#3
 Pvridine
 Concen: 29.57 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.06 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tot Ion:	79	Resp:	421535
Ion Ratio	Lower	Upper	
79	100		
52	81.7	49.0	73.4#
51	40.1	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

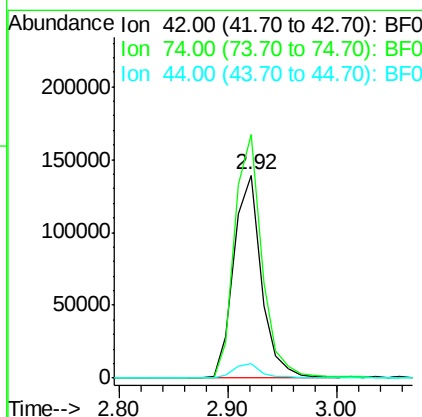
Manual Integrations
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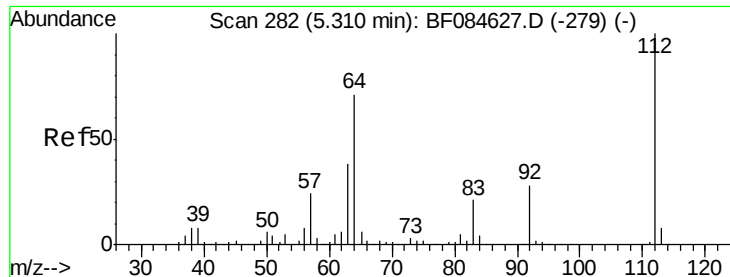
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#4
 n-Nitrosodimethylamine
 Concen: 35.23 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.07 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:	42	Resp:	245558
Ion Ratio	Lower	Upper	
42	100		
74	119.9	115.7	173.5
44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 98.07 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tot Ion: 112 Resp: 1125268

Ion Ratio Lower Upper

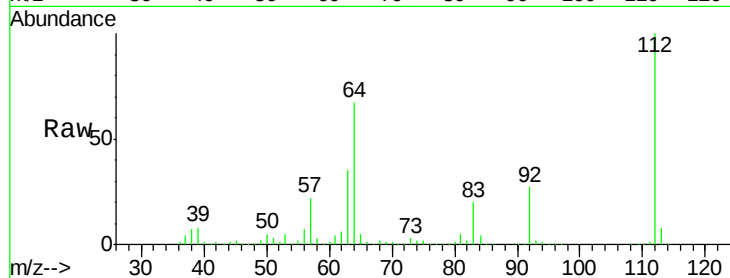
112 100

64 67.1 36.6 55.0#

63 34.8 19.4 29.0#

Manual Integrations
APPROVED

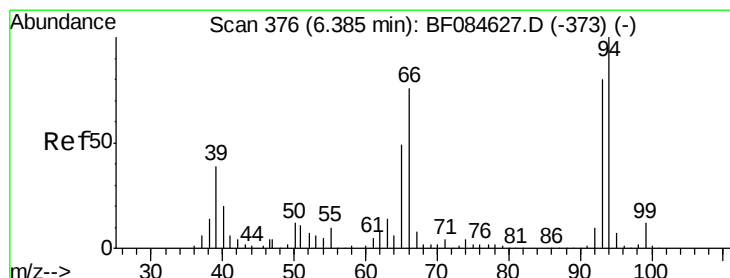
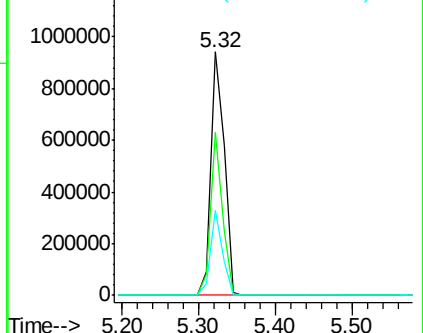
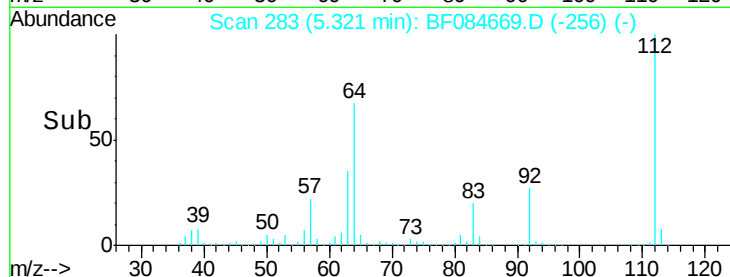
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

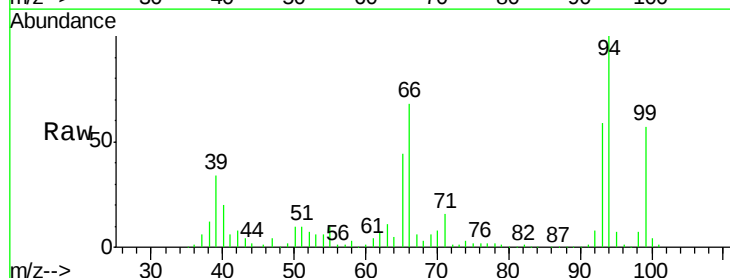
Tgt Ion: 93 Resp: 413023

Ion Ratio Lower Upper

93 100

66 113.9 44.9 67.3#

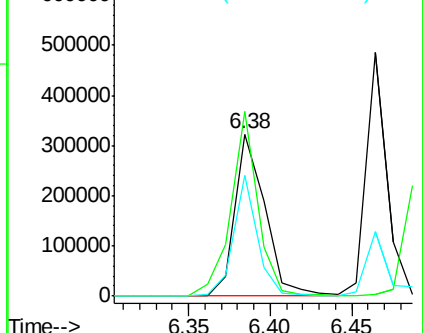
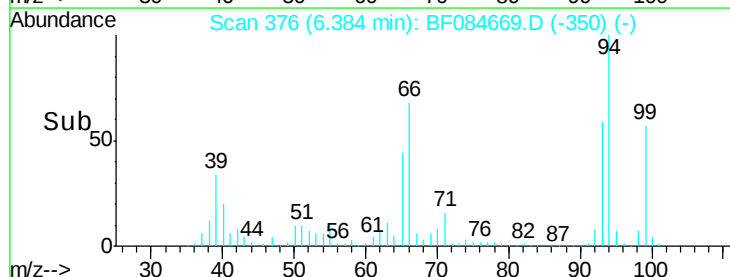
65 74.7 23.7 35.5#

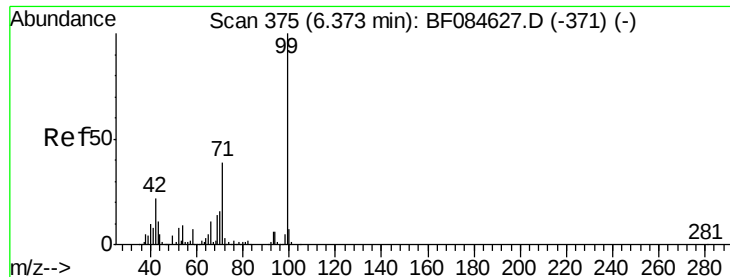


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.06 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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ClientSampleId :

SUP-B013(20-23)MS

Tot Ion: 99 Resp: 1362375

Ion Ratio Lower Upper

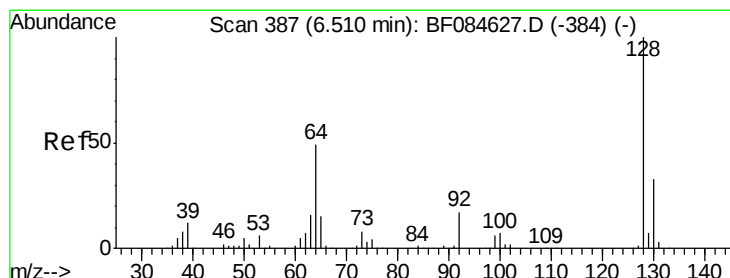
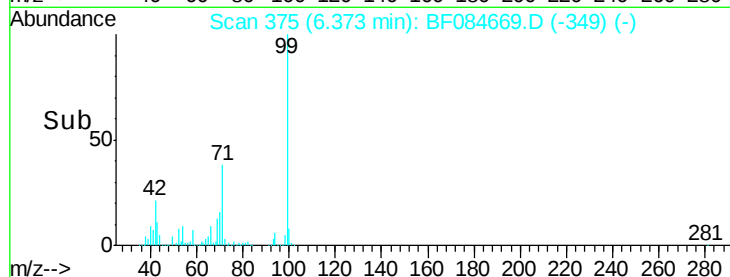
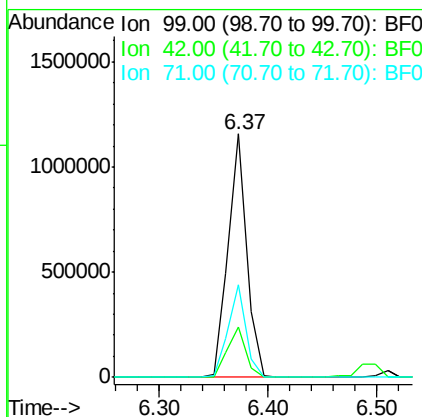
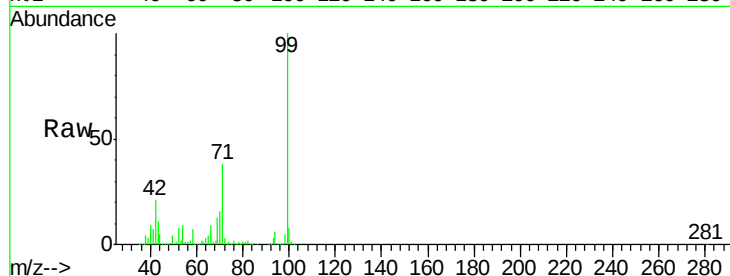
99 100

42 20.8 12.8 19.2#

71 38.2 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

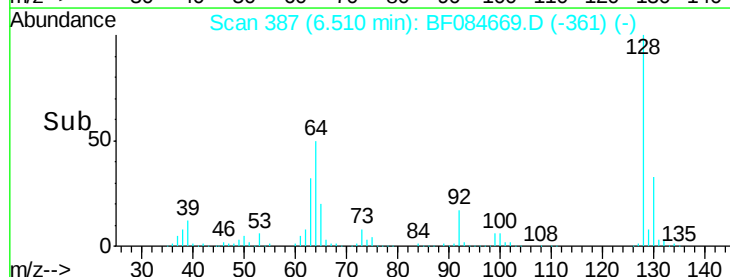
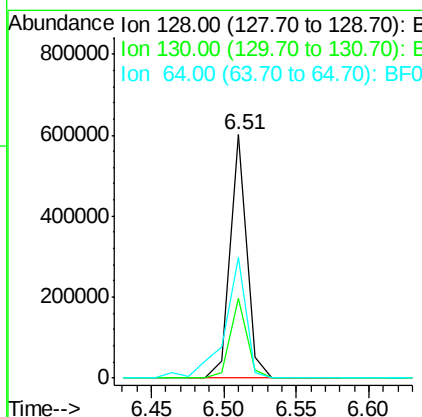
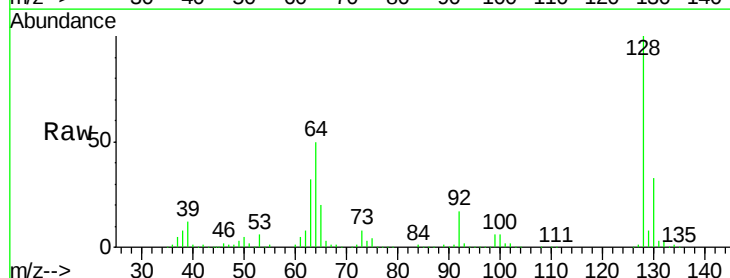
Tgt Ion: 128 Resp: 477603

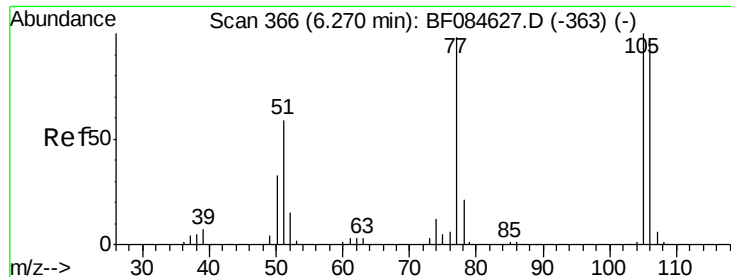
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 49.6 23.8 63.8





#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

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BNA_F

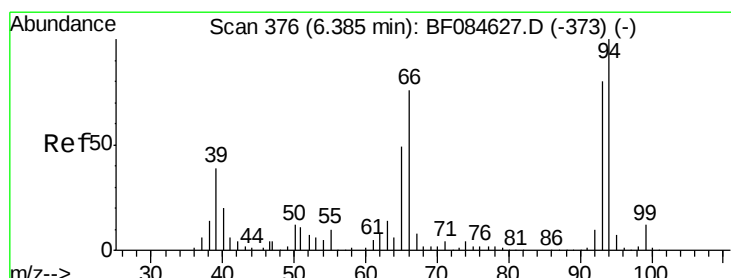
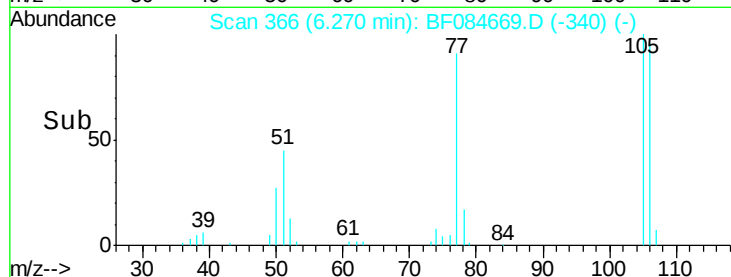
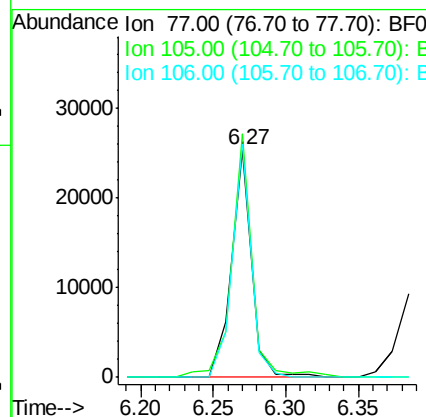
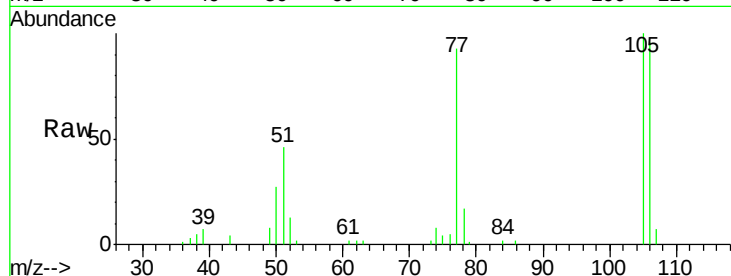
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	77	Resp:	24380
Ion	Ratio	Lower	Upper
77	100		
105	107.2	83.0	123.0
106	102.6	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 33.07 ng

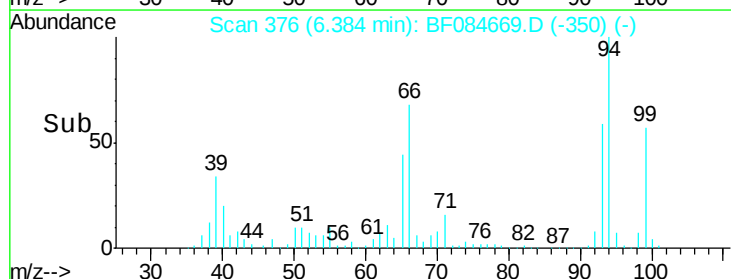
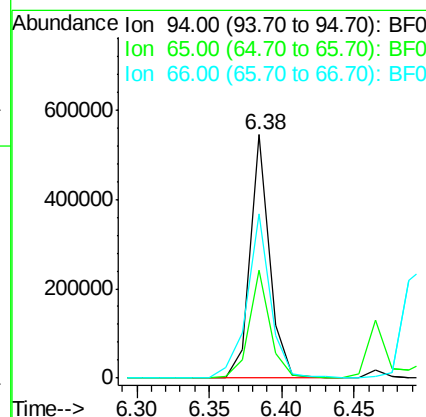
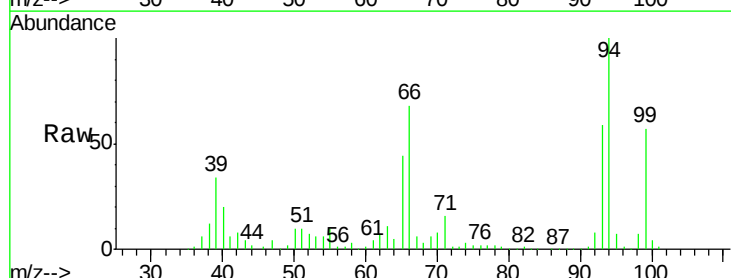
RT: 6.38 min Scan# 376

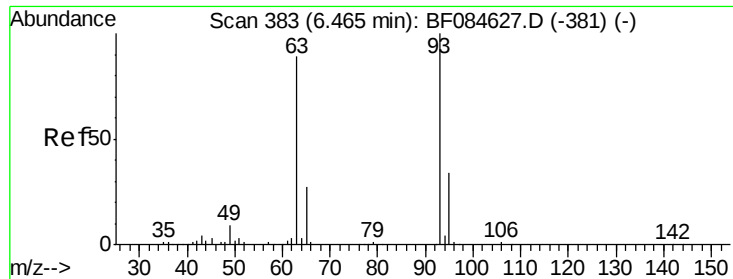
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	94	Resp:	506809
Ion	Ratio	Lower	Upper
94	100		
65	44.3	12.9	52.9
66	67.5	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.79 ng m

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

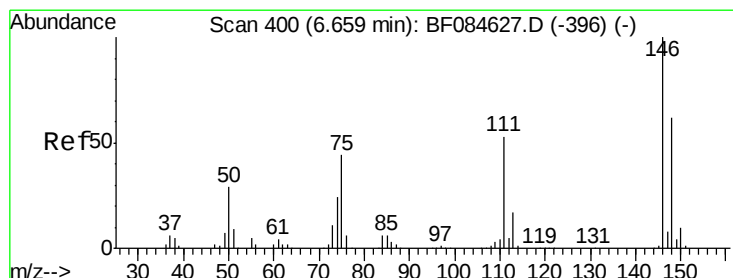
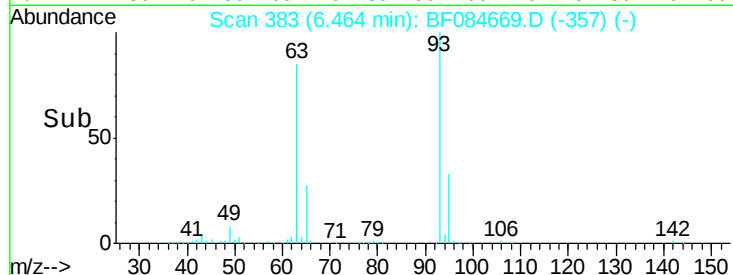
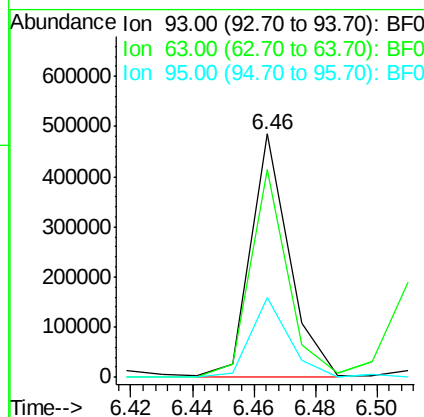
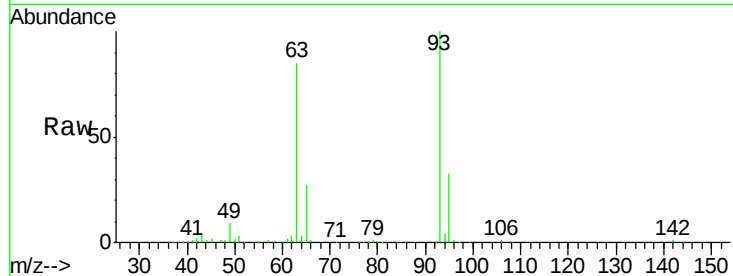
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	93	Resp:	426657
Ion Ratio	Lower	Upper	
93	100		
63	85.2	45.9	85.9
95	32.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 33.72 ng m

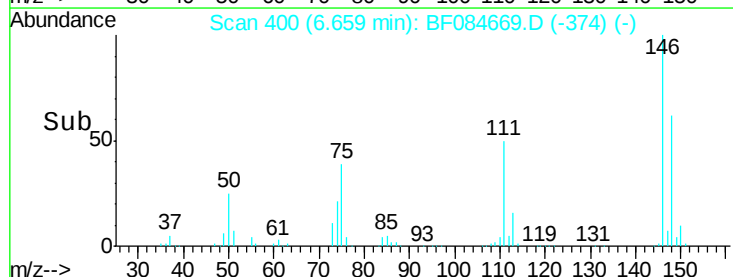
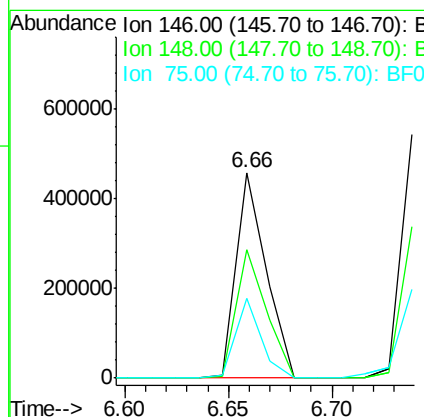
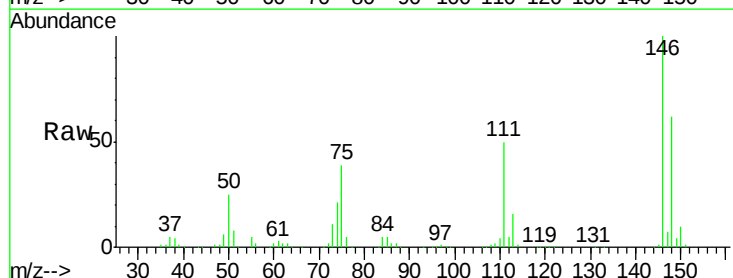
RT: 6.66 min Scan# 400

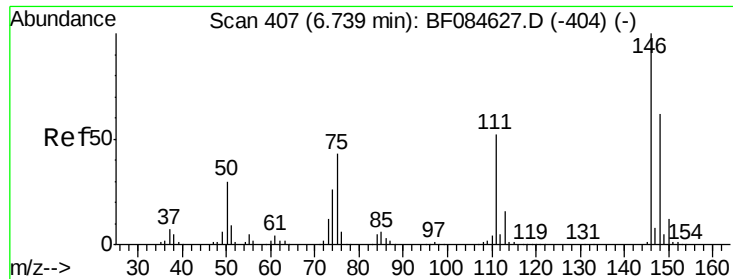
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	146	Resp:	459781
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.9	77.9
75	39.0	20.5	30.7#





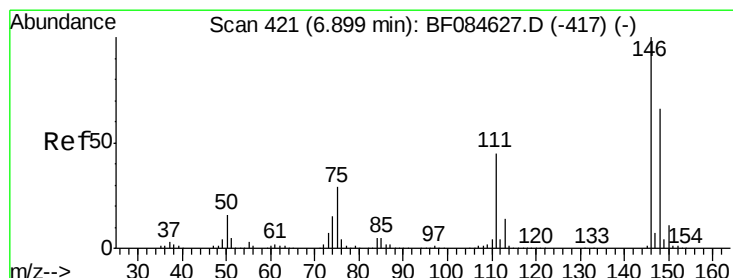
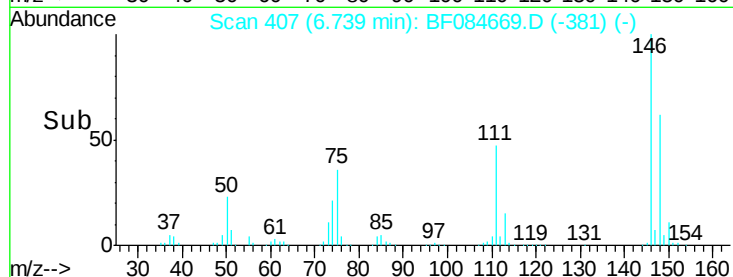
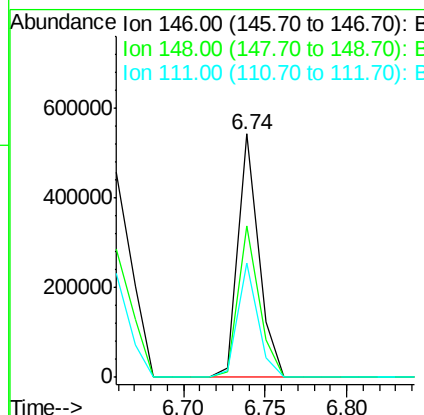
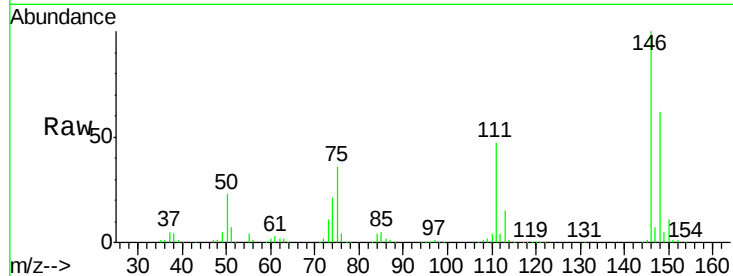
#13
1,4-Dichlorobenzene
Concen: 35.35 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.9	77.9
111	46.9	41.6	62.4

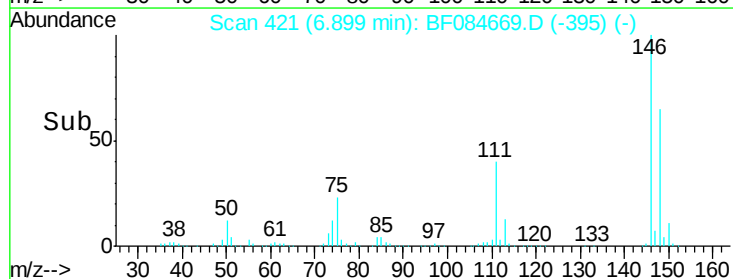
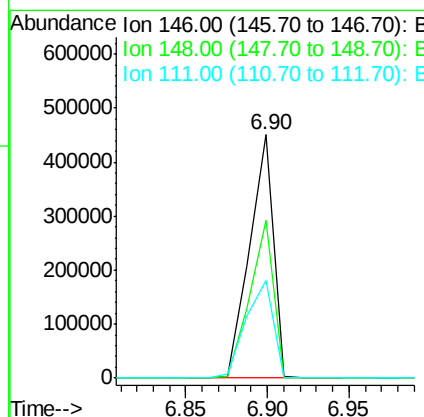
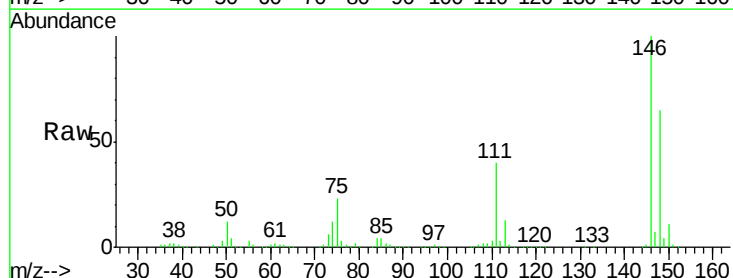
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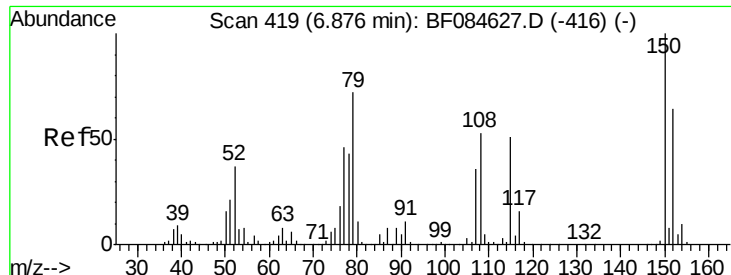
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#14
1,2-Dichlorobenzene
Concen: 36.90 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	40.2	38.0	57.0





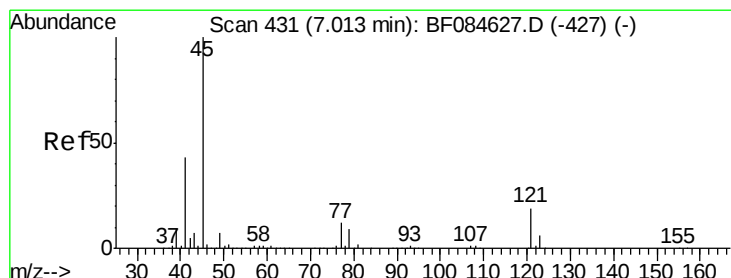
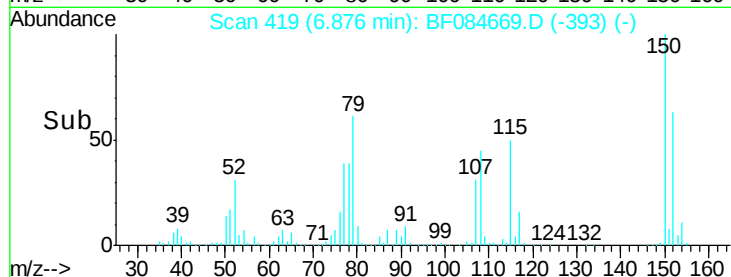
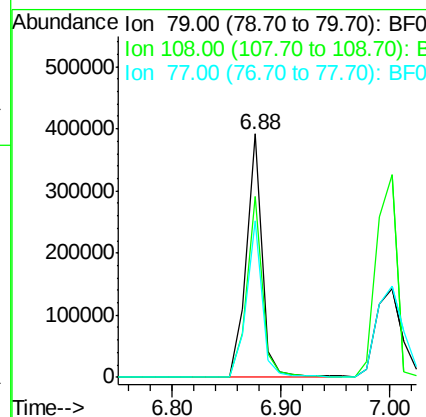
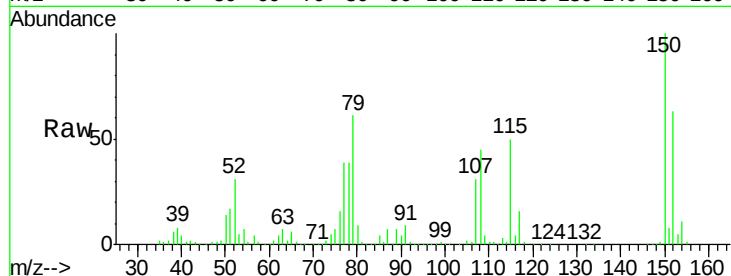
#15
Benzyl Alcohol
Concen: 41.75 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	74.4	69.0	103.4		
77	64.5	50.0	75.0		

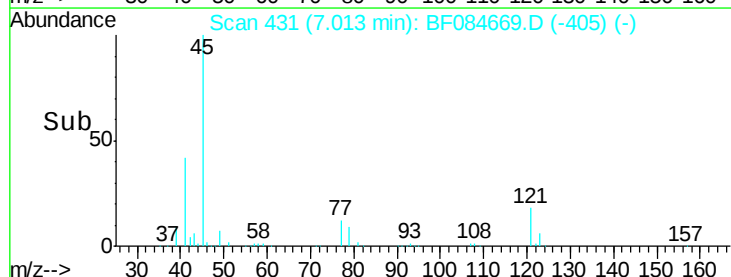
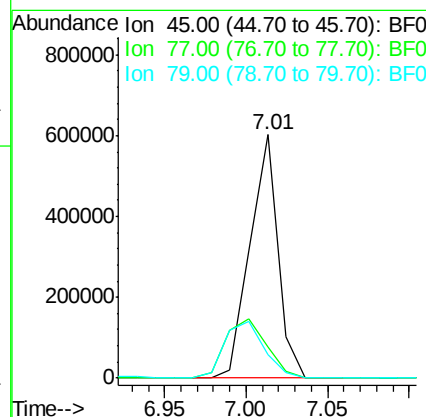
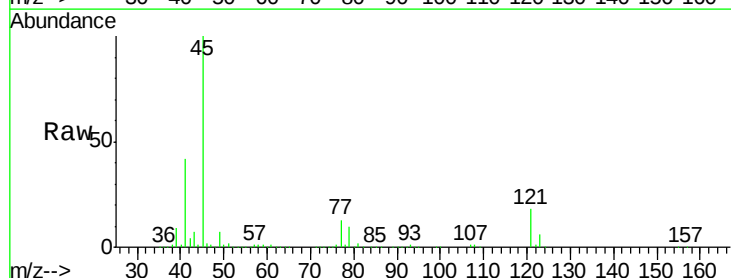
Manual Integrations
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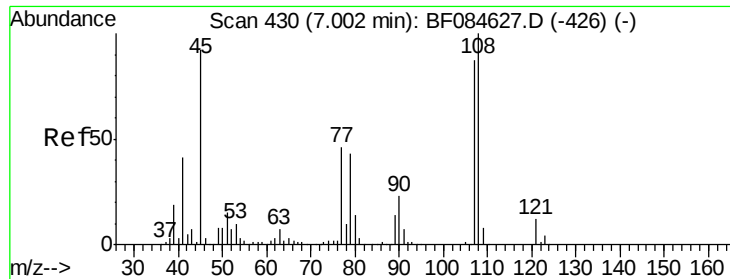
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.03 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	12.6	0.0	39.6		
79	9.6	0.0	35.0		





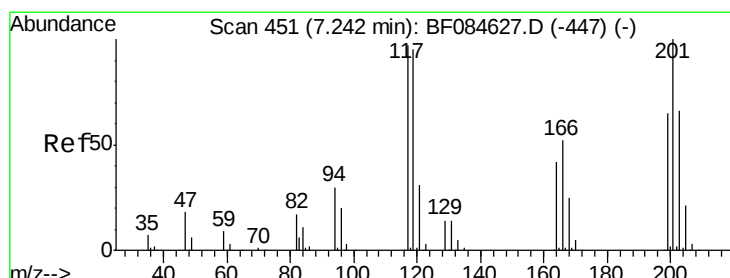
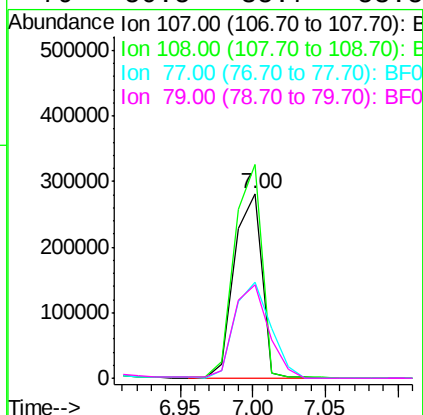
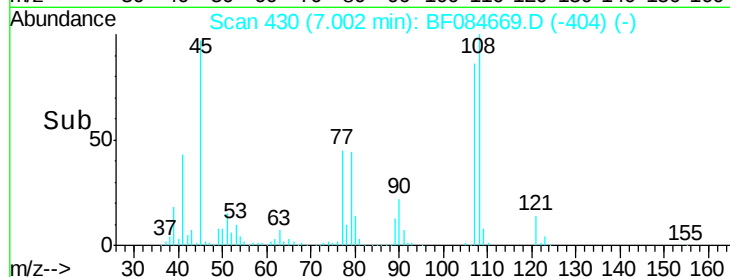
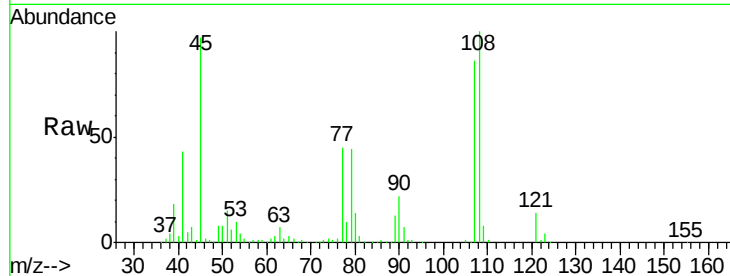
#17
2-Methylphenol
Concen: 37.48 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	89.8	134.6	
77	52.3	35.7	53.5	
79	50.5	35.7	53.5	

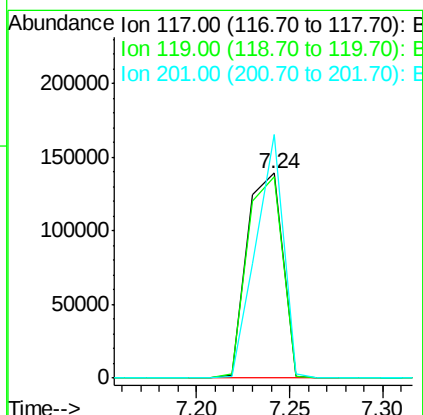
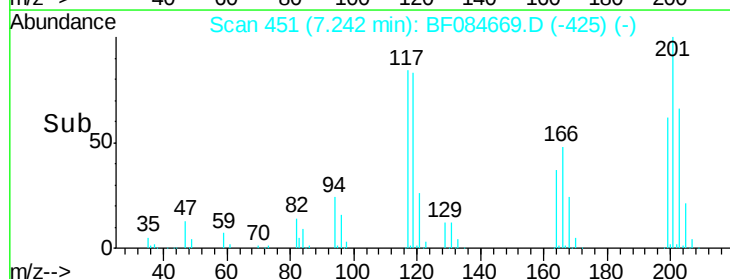
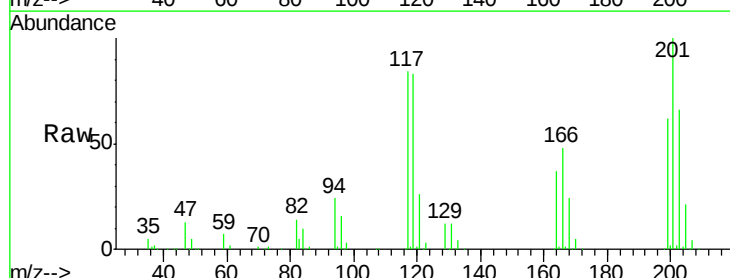
Manual Integrations
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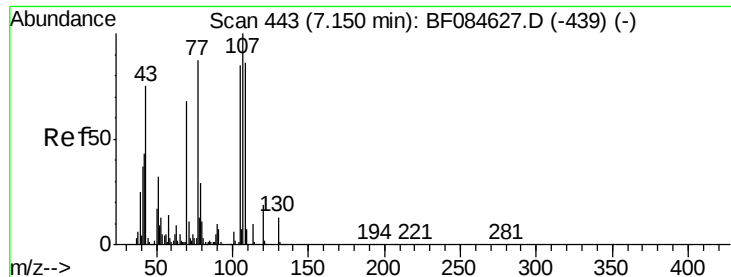
mohammad
2/1/2016 2:25:44 PM



#18
Hexachloroethane
Concen: 35.07 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	77.4	116.0	
201	118.8	68.6	103.0	





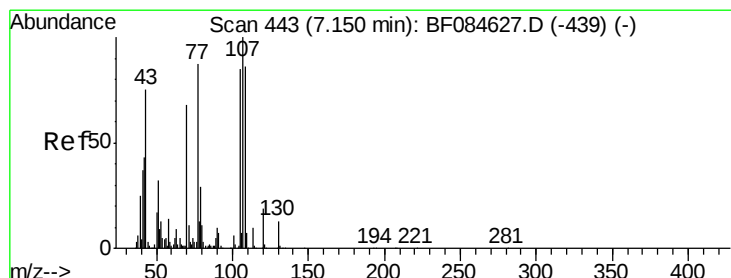
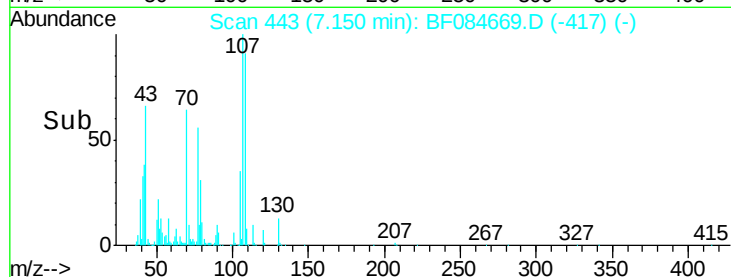
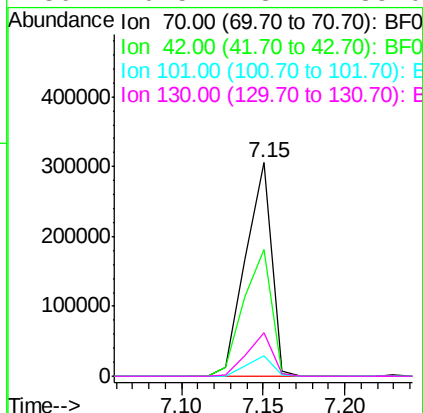
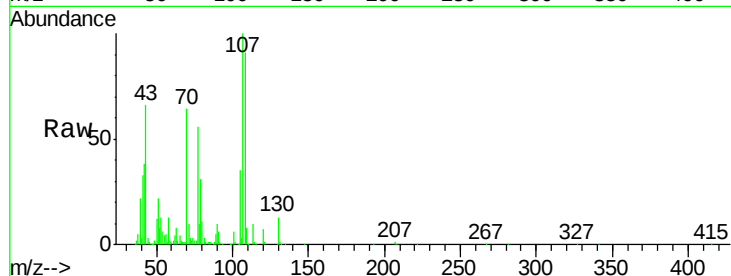
#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	33.3	49.9#
101	9.4	9.3	13.9
130	20.5	23.4	35.0#

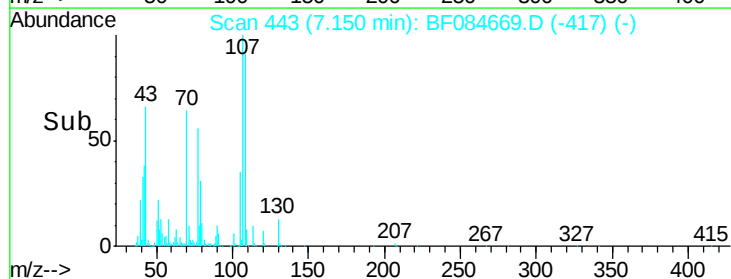
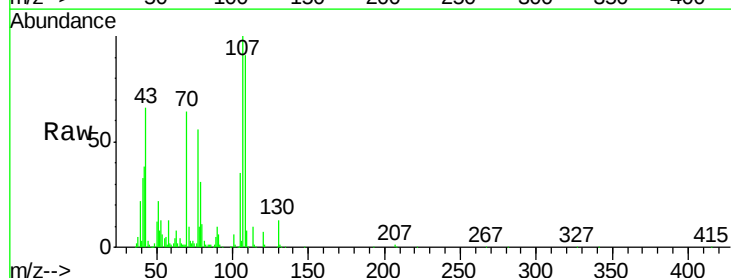
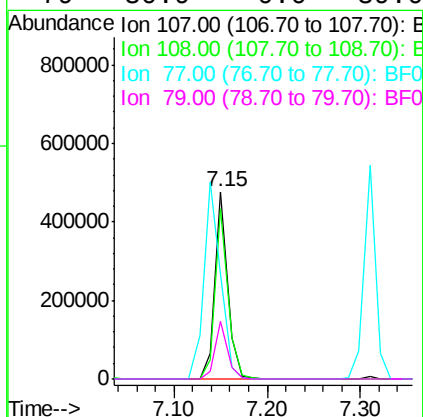
Manual Integrations
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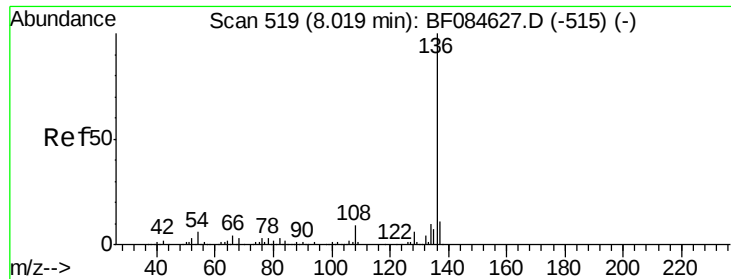
mohammad
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#20
3+4-Methylphenols
Concen: 37.81 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	74.6	114.6
77	55.9	0.7	40.7#
79	30.9	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: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

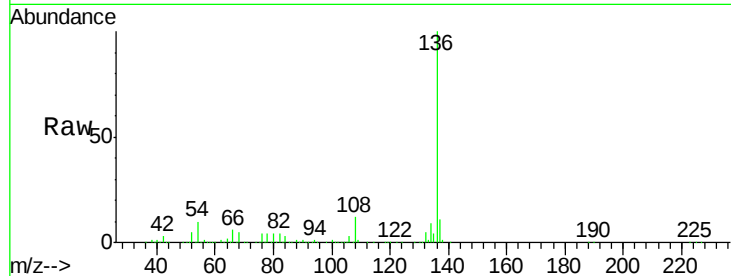
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.2	5.8	8.8#
68	5.4	4.2	6.2

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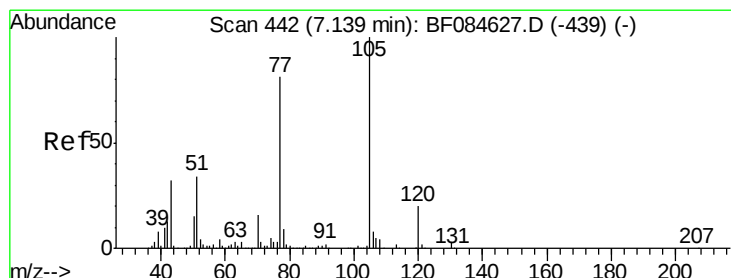
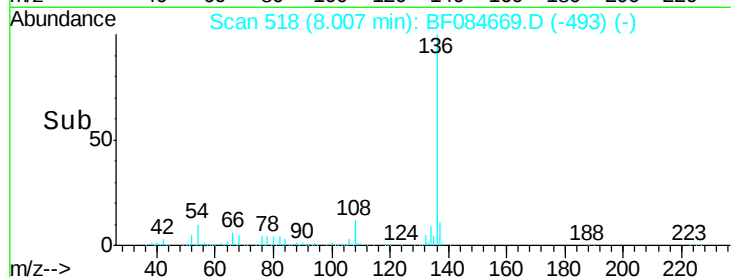
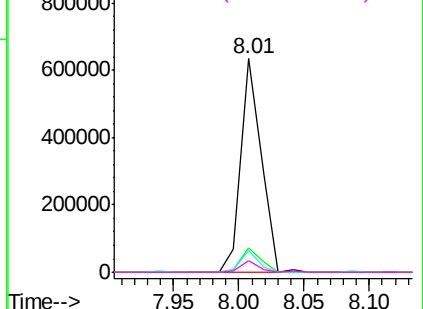


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.95 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

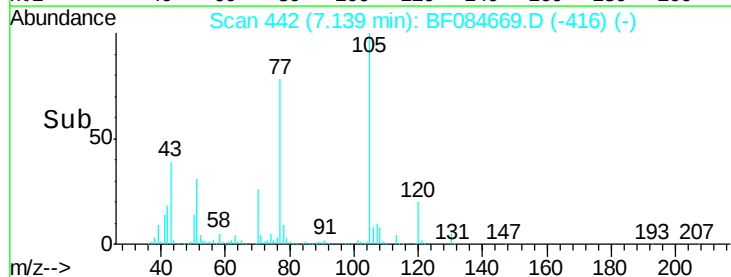
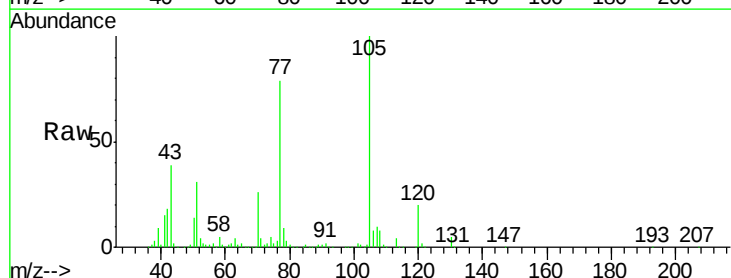
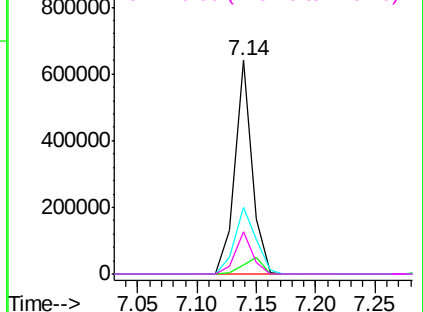
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.2	3.7	5.5
51	31.2	25.1	37.7
120	20.1	16.6	25.0

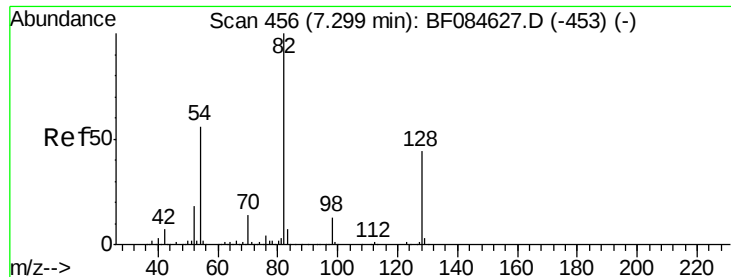
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.28 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

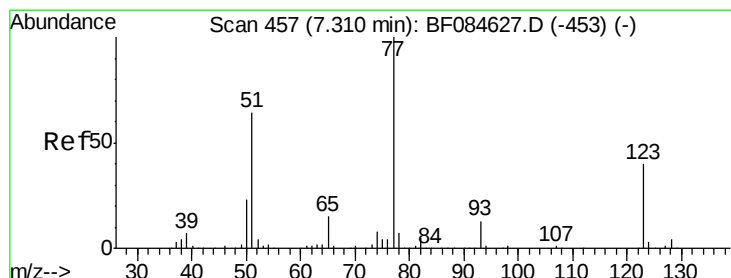
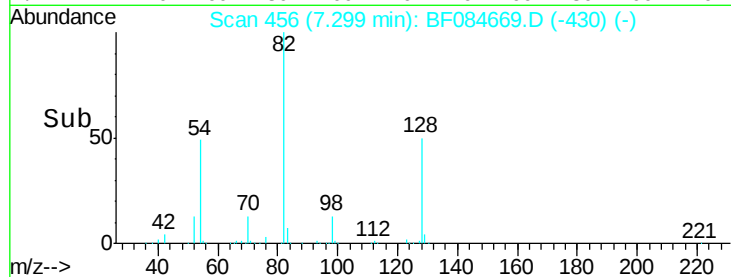
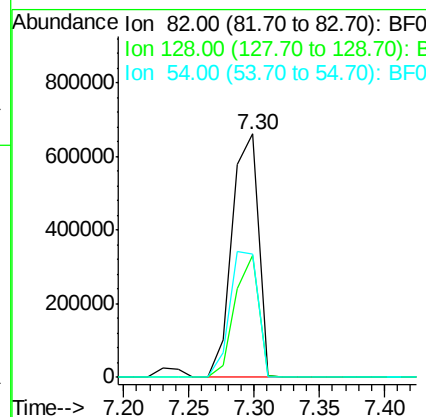
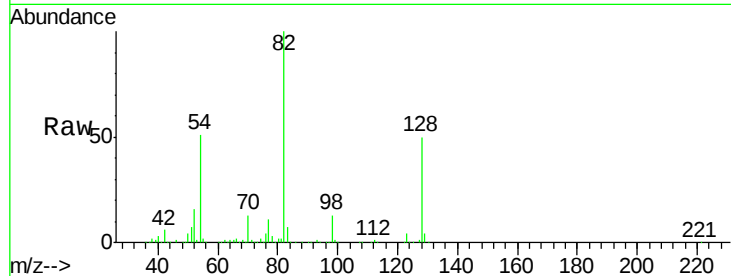
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	82	Resp:	925244
Ion Ratio	Lower	Upper	
82	100		
128	49.9	34.6	51.8
54	50.9	38.4	57.6

Manual Integrations
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#24

Nitrobenzene

Concen: 36.00 ng

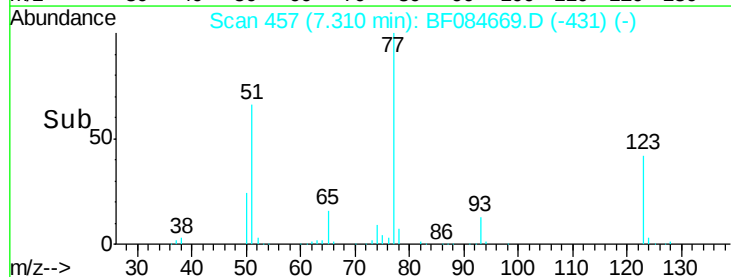
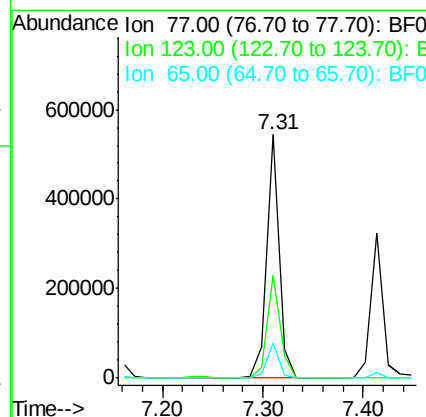
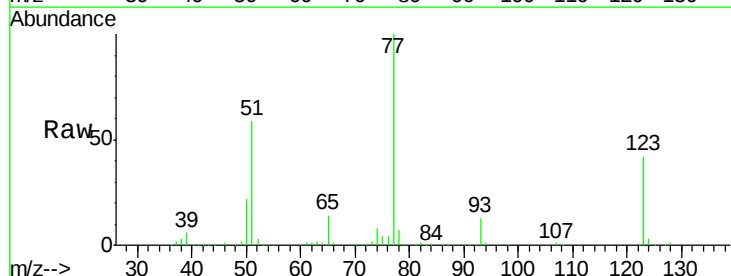
RT: 7.31 min Scan# 457

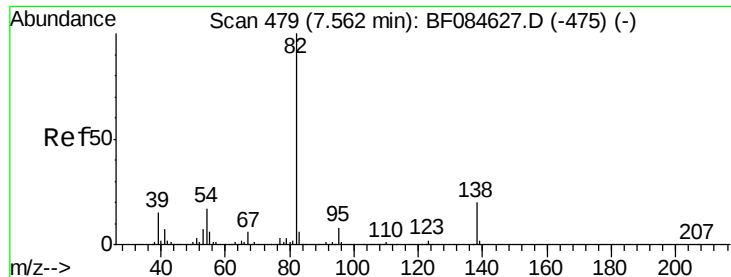
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	77	Resp:	470231
Ion Ratio	Lower	Upper	
77	100		
123	42.2	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 37.35 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

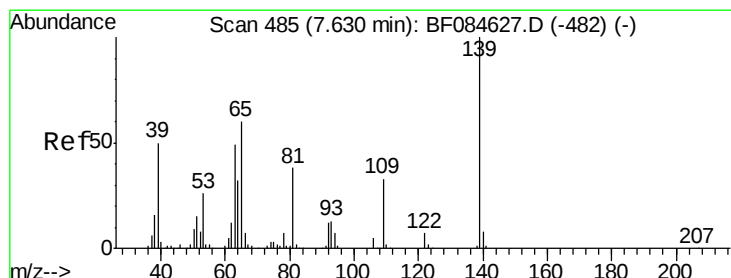
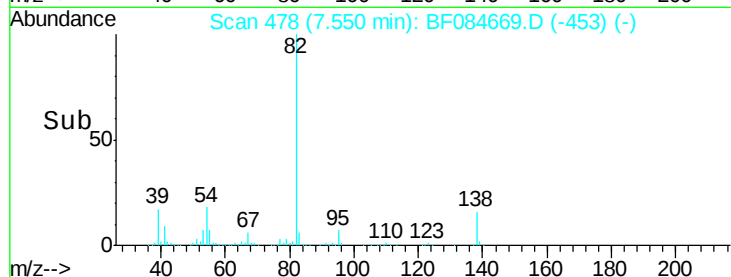
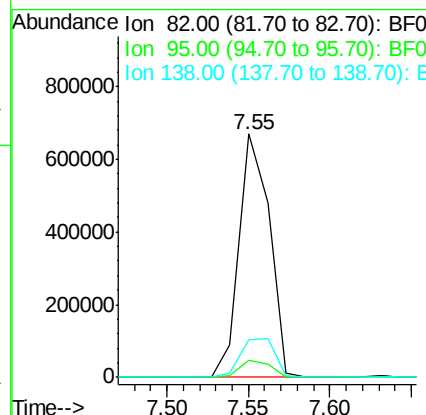
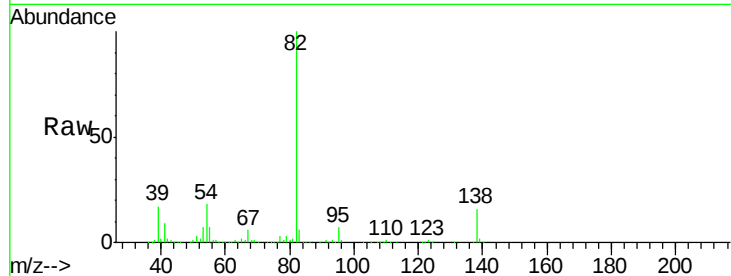
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	82	Resp:	859986
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.6	10.0
138	15.6	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.99 ng

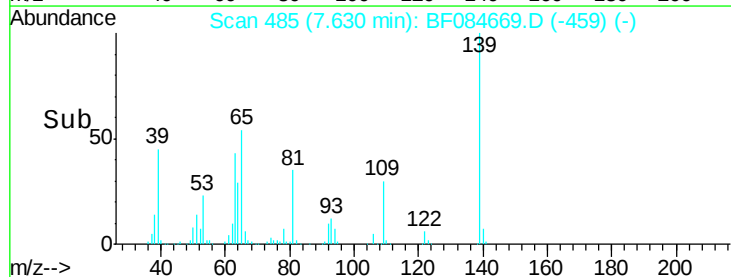
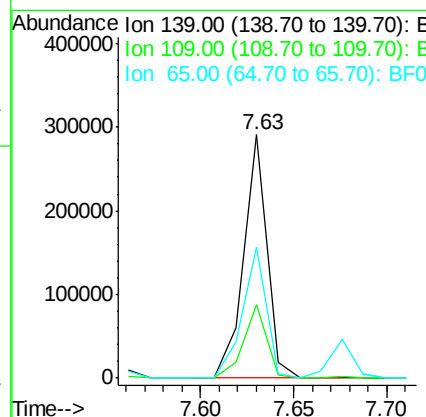
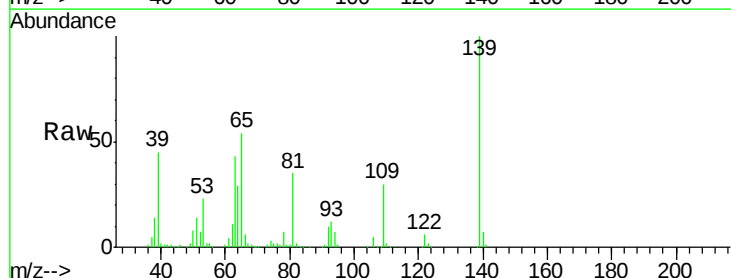
RT: 7.63 min Scan# 485

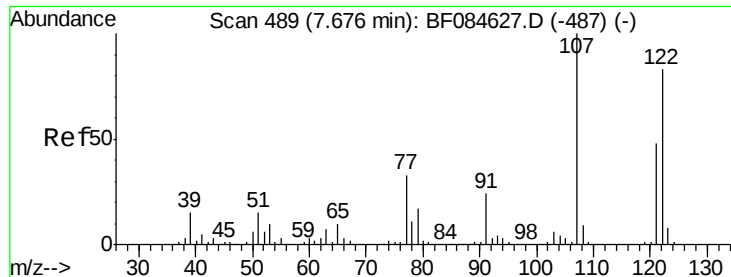
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	139	Resp:	254630
Ion Ratio	Lower	Upper	
139	100		
109	30.0	25.4	38.2
65	53.6	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 36.62 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

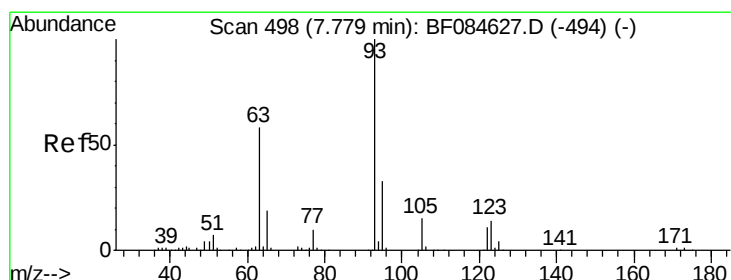
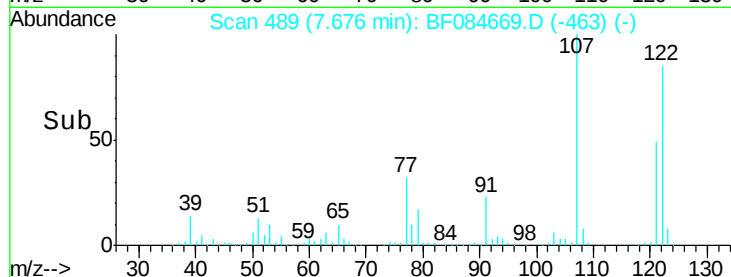
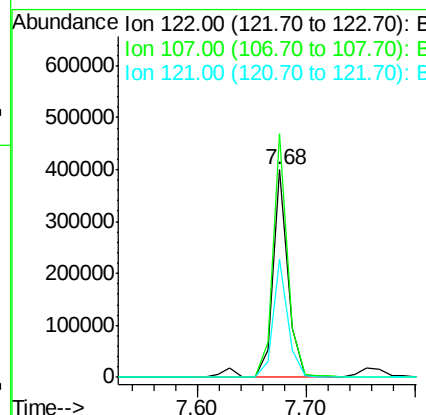
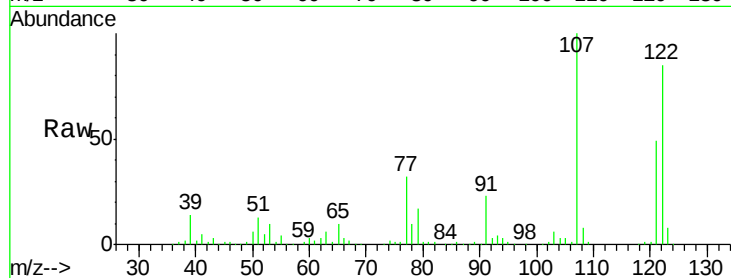
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	122	Resp:	398605
Ion Ratio	Lower	Upper	
122	100		
107	117.4	99.1	148.7
121	57.2	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.06 ng

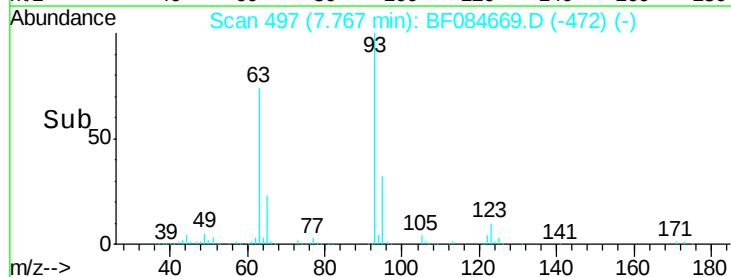
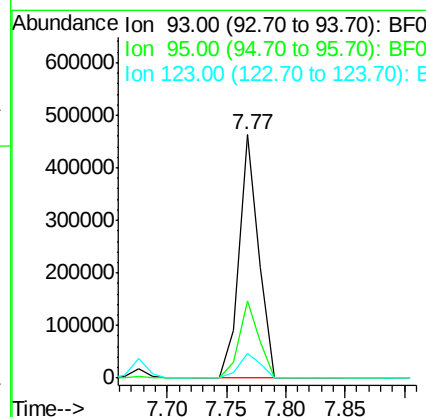
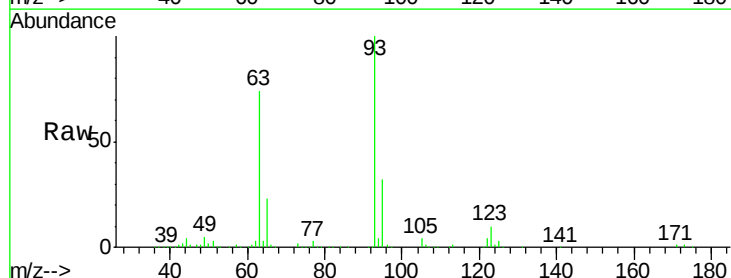
RT: 7.77 min Scan# 497

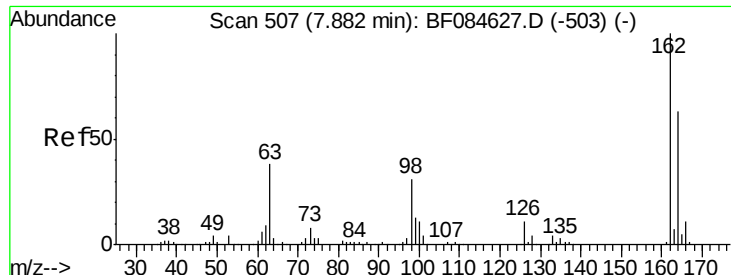
Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	93	Resp:	525925
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.8	38.6
123	10.2	8.6	12.8





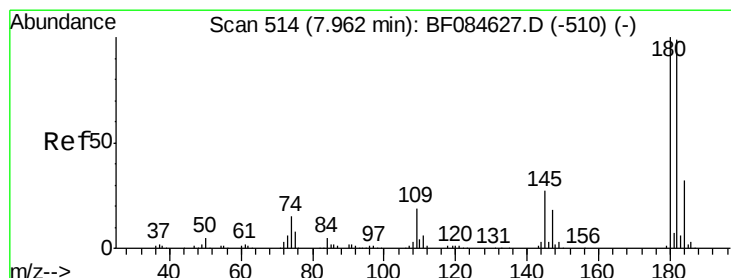
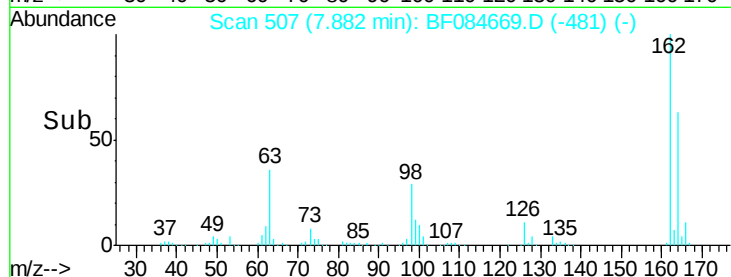
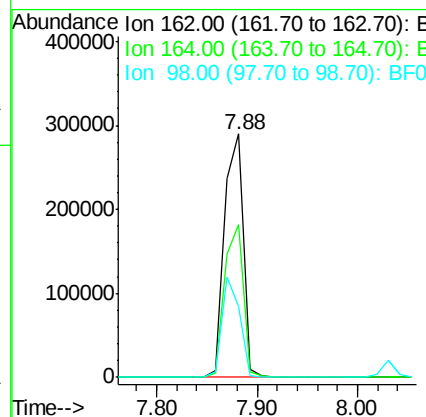
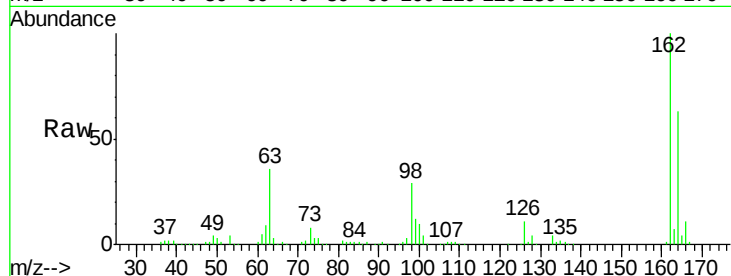
#29
2,4-Dichlorophenol
Concen: 39.59 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	44.1	84.1
98	29.0	20.2	60.2

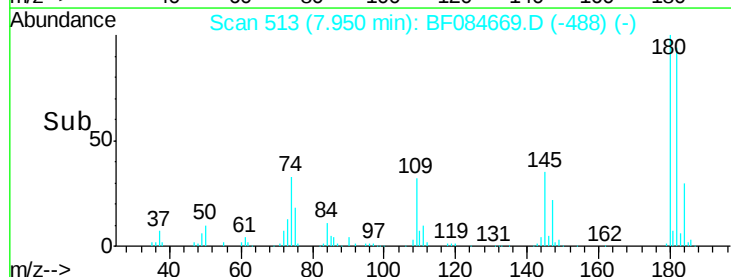
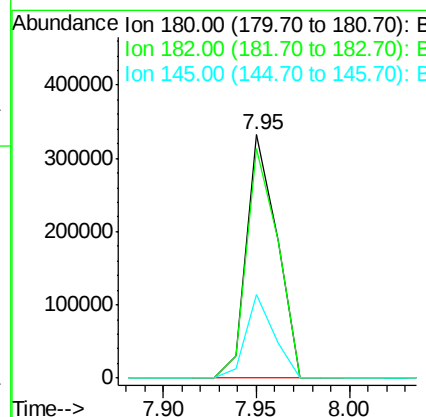
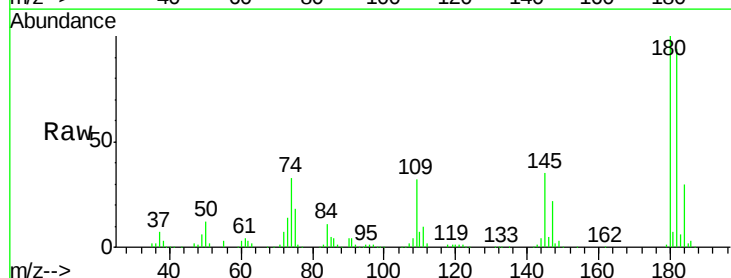
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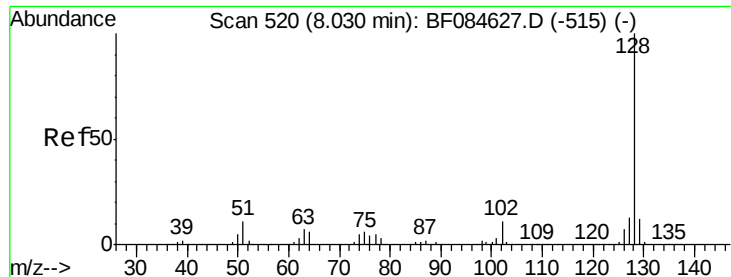
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#30
1,2,4-Trichlorobenzene
Concen: 34.73 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.4	114.6
145	34.5	31.6	47.4





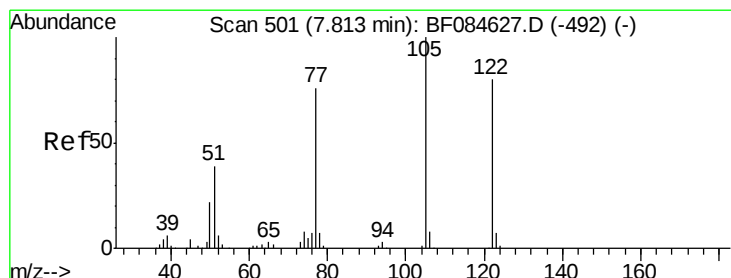
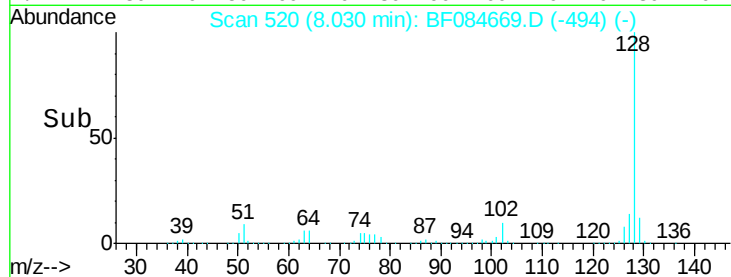
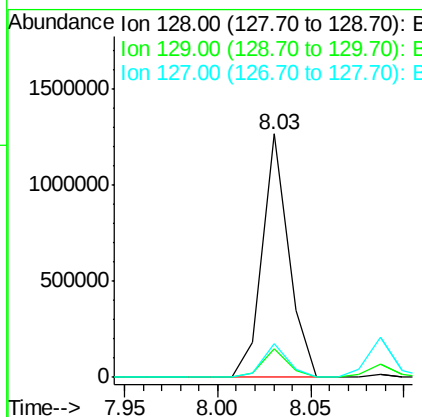
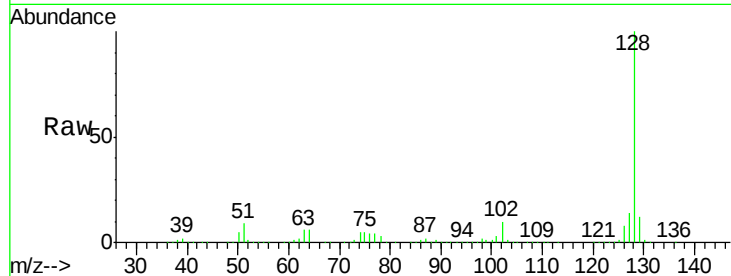
#31
Naphthalene
Concen: 35.57 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.8	11.1	16.7

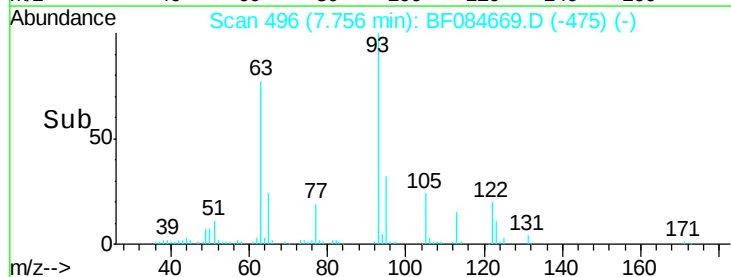
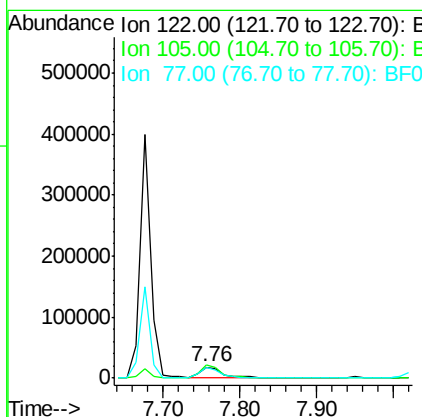
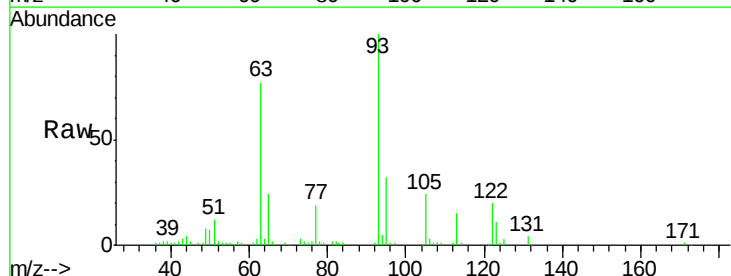
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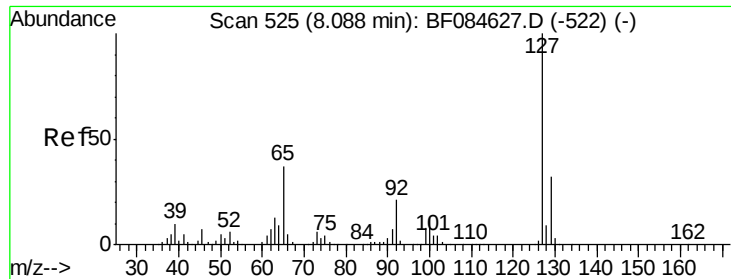
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#32
Benzoic acid
Concen: 4.74 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	100.3	140.3
77	97.0	63.5	103.5





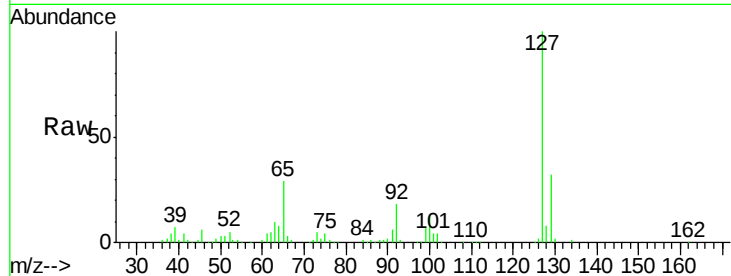
#33
4-Chloroaniline
Concen: 15.14 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

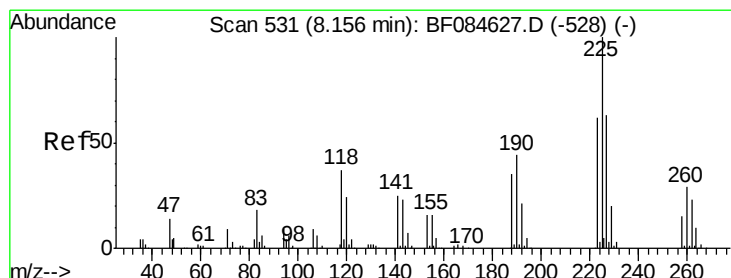
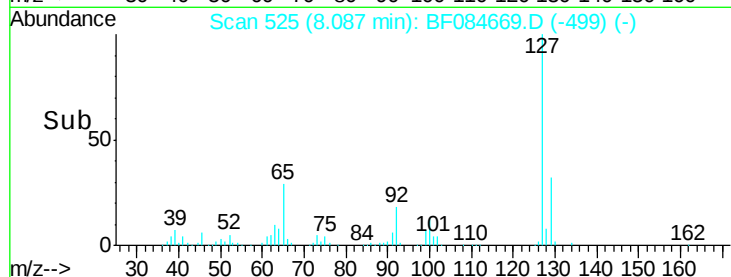
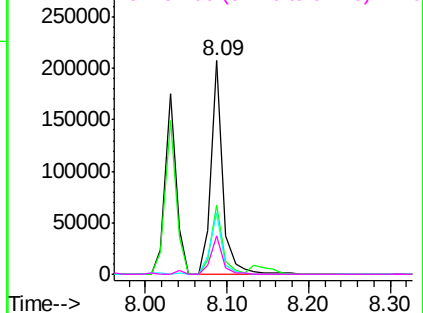
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.5	39.7		
65	28.7	27.2	40.8		
92	18.0	17.7	26.5		

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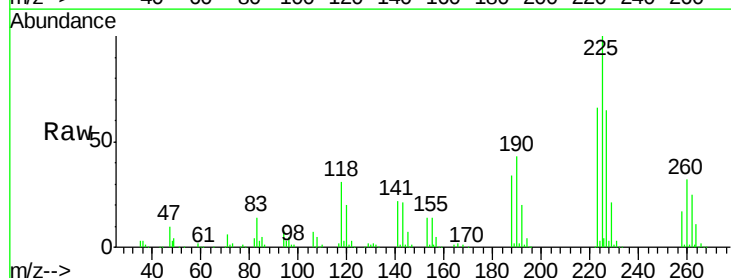


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

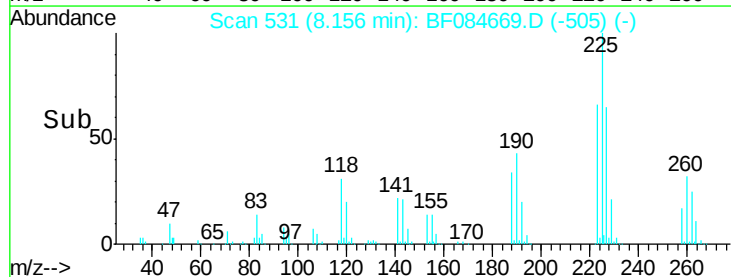
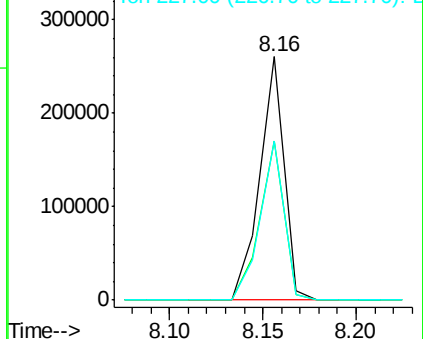


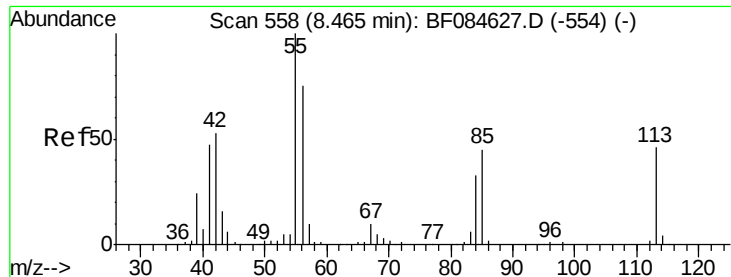
#34
Hexachlorobutadiene
Concen: 36.35 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	49.4	74.0		
227	65.4	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: 43.87 ng/ml

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:113 Resp: 119874

Ion Ratio Lower Upper

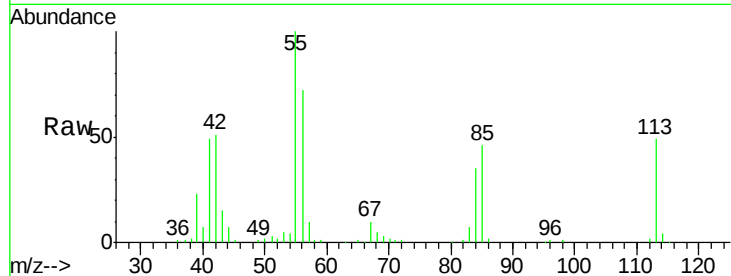
113 100

55 205.1 116.9 156.9#

56 148.3 93.8 133.8#

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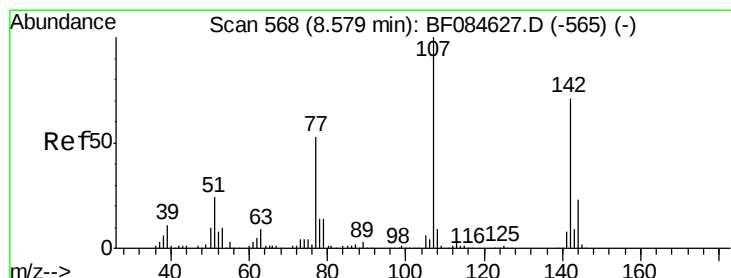
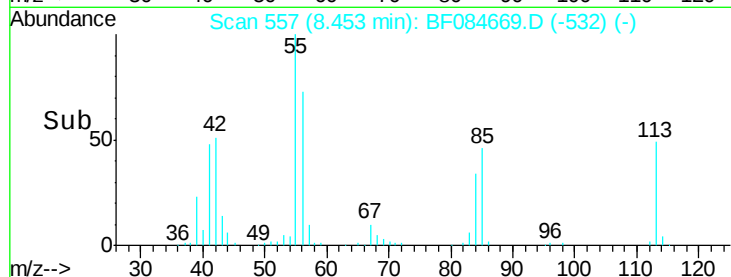
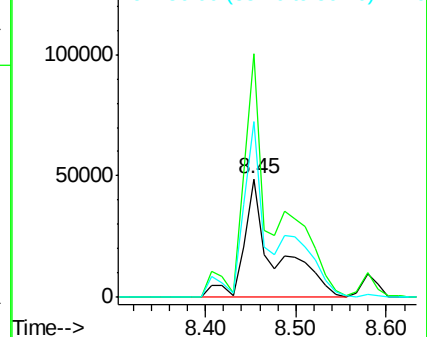
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.48 ng/ml

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

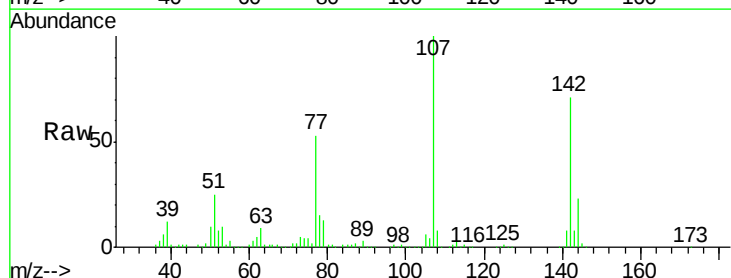
Tgt Ion:107 Resp: 403426

Ion Ratio Lower Upper

107 100

144 23.4 19.7 29.5

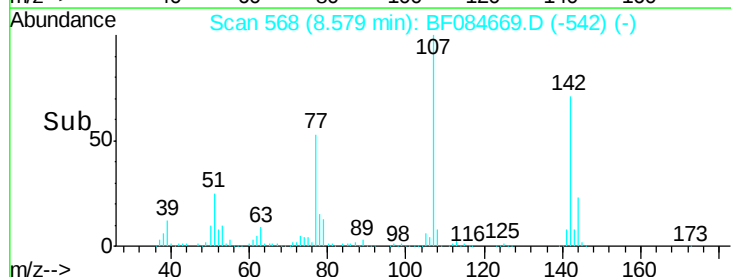
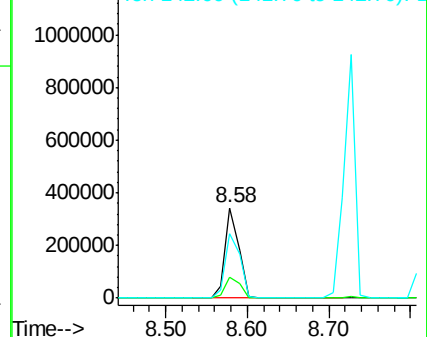
142 71.5 61.8 92.6

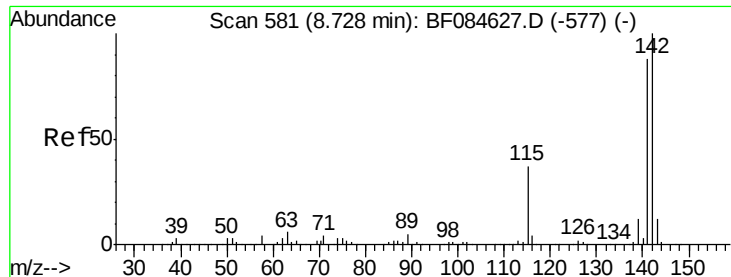


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





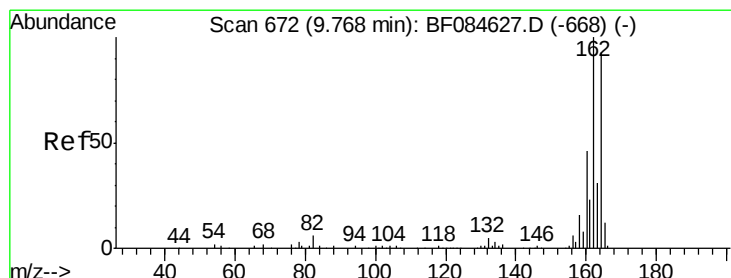
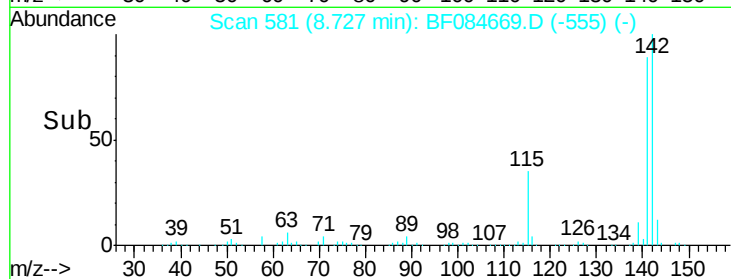
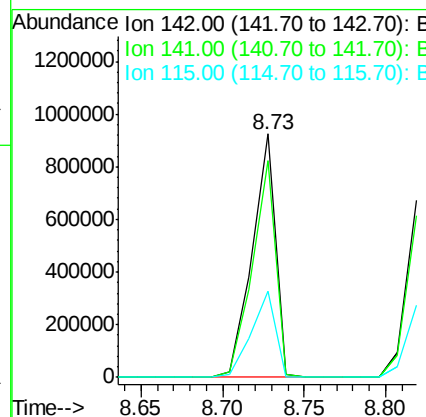
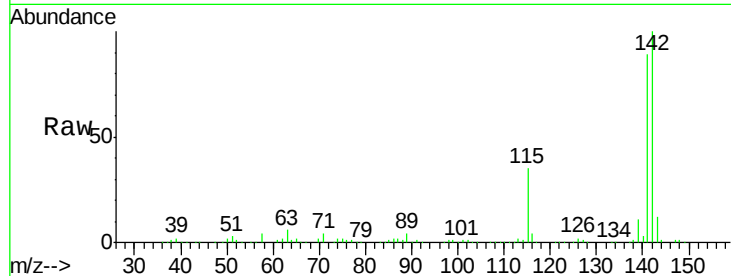
#37
2-Methylnaphthalene
Concen: 43.15 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	35.3	27.9	41.9

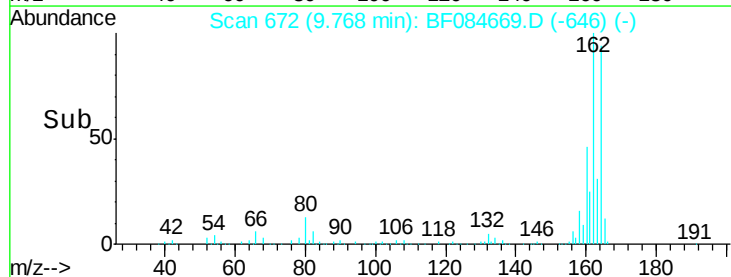
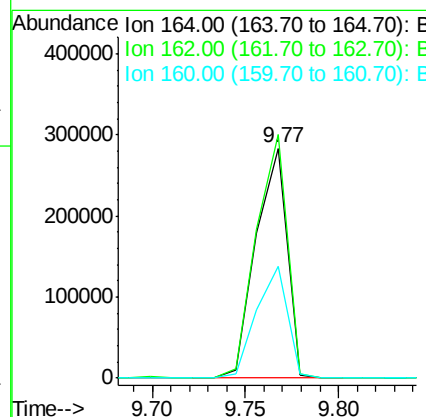
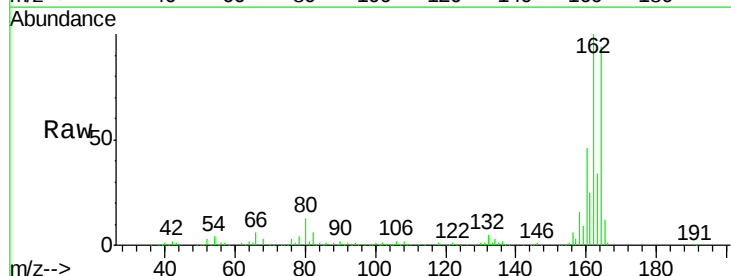
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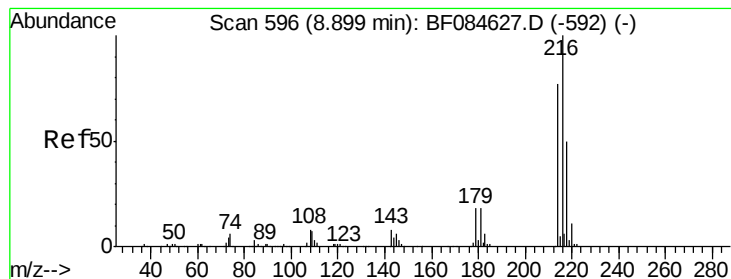
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.79 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

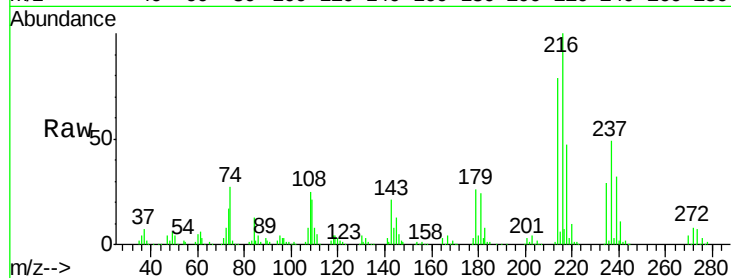
ClientSampleId :

SUP-B013(20-23)MS

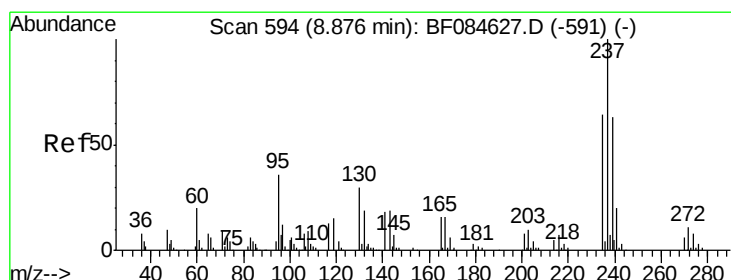
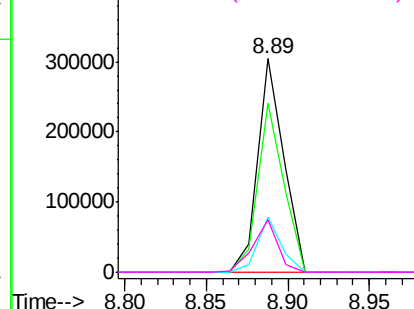
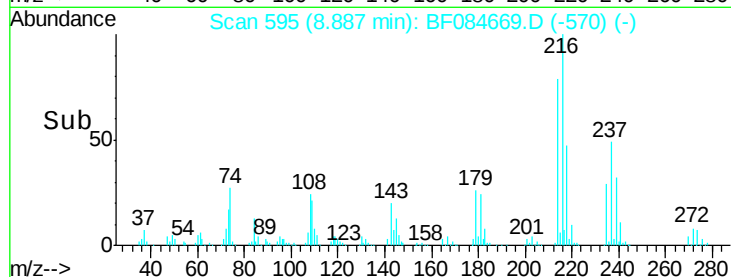
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		336866		
214	78.6		64.2	96.2	
179	23.1		18.7	28.1	
108	23.7		16.8	25.2	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.86 ng

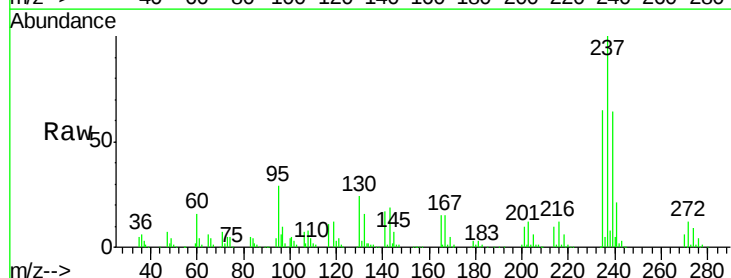
RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

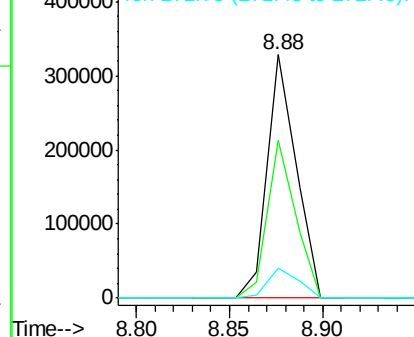
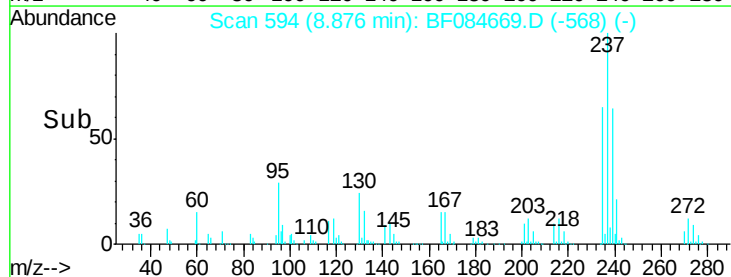
Lab File: BF084669.D

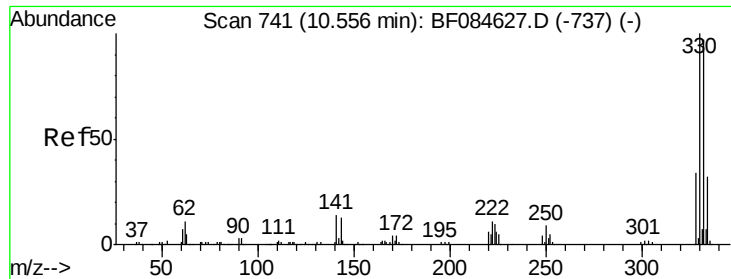
Acq: 30 Jan 2016 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		351097		
235	64.7		43.1	83.1	
272	12.0		0.0	35.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





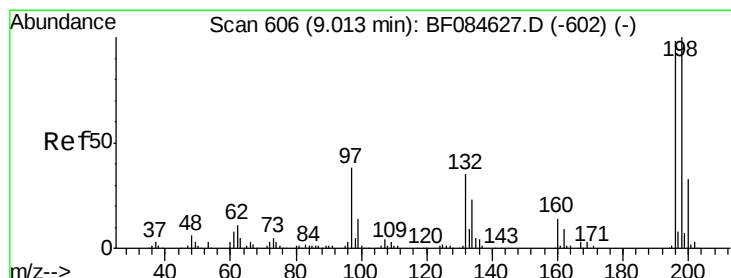
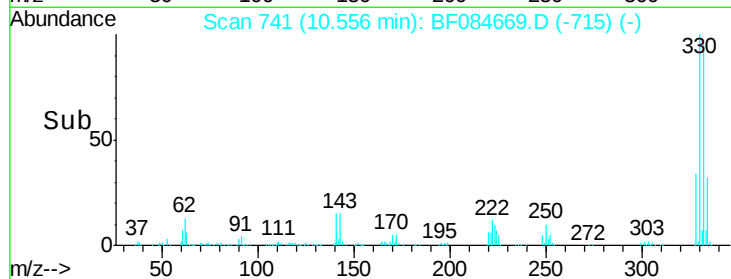
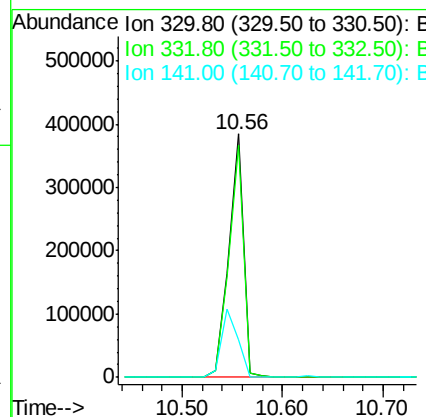
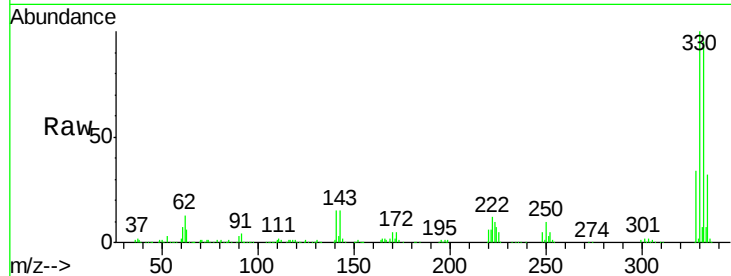
#41
 2,4,6-Tribromophenol
 Concen: 114.93 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.6	114.8	
141	31.4	27.8	41.6	

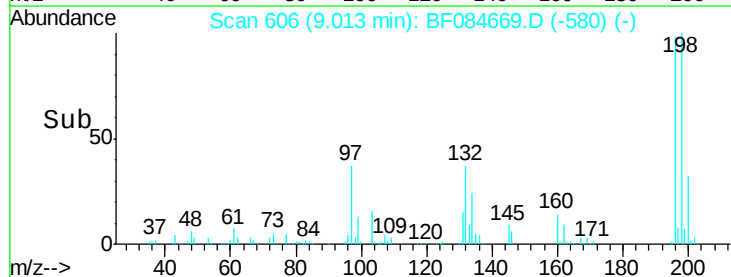
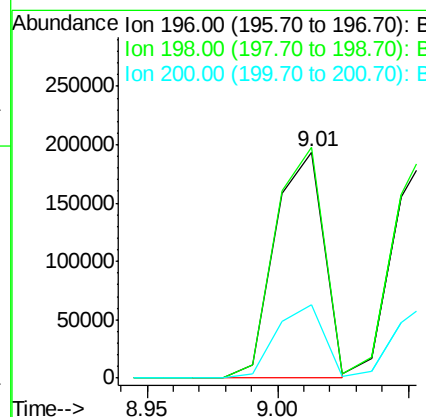
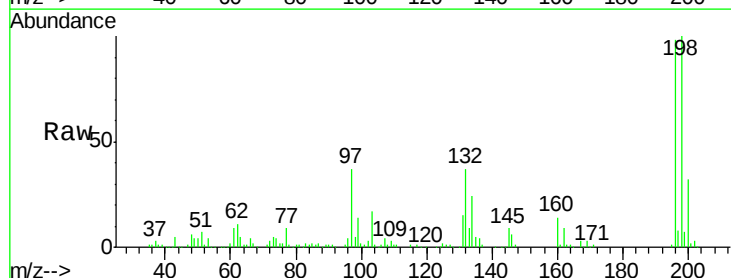
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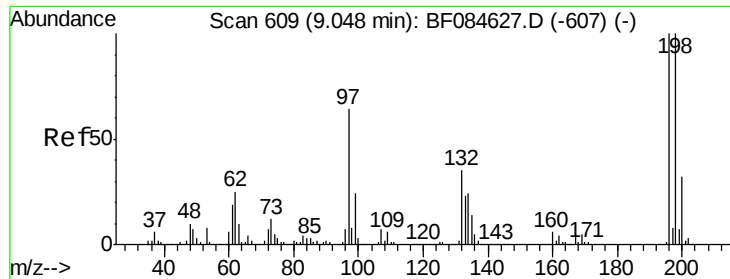
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#42
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.9	77.7	116.5	
200	32.6	24.6	37.0	





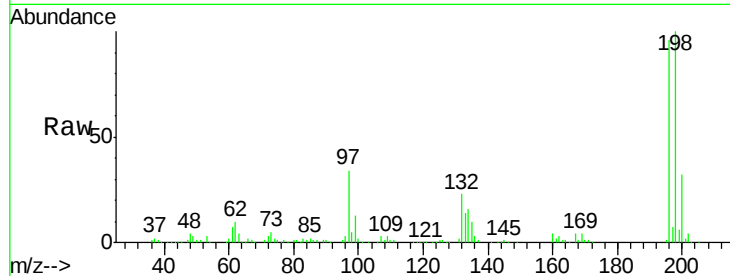
#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

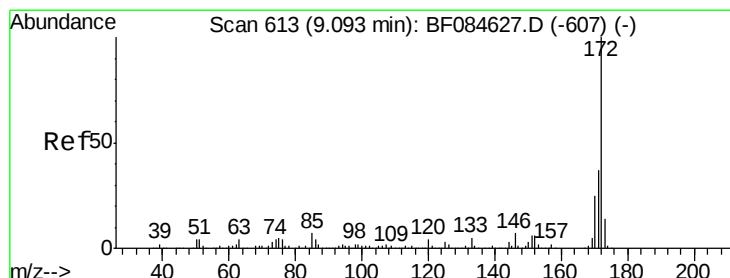
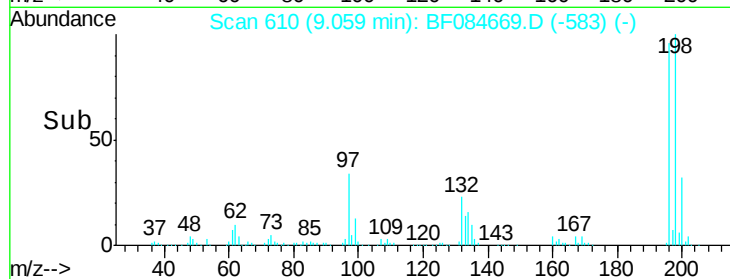
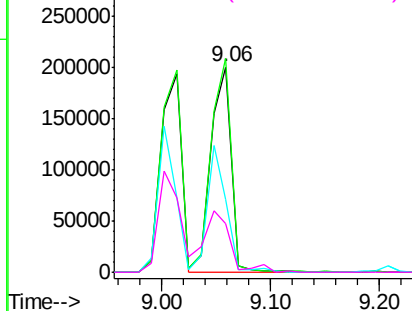
Tot Ion	196	Resp	263019
Ion Ratio	Lower	Upper	
196	100		
198	104.3	79.0	118.6
97	35.7	33.0	49.6
132	23.6	21.1	31.7

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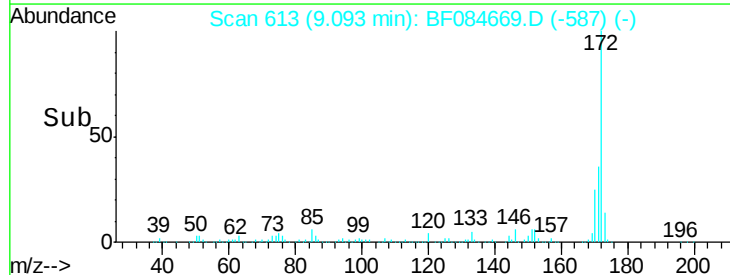
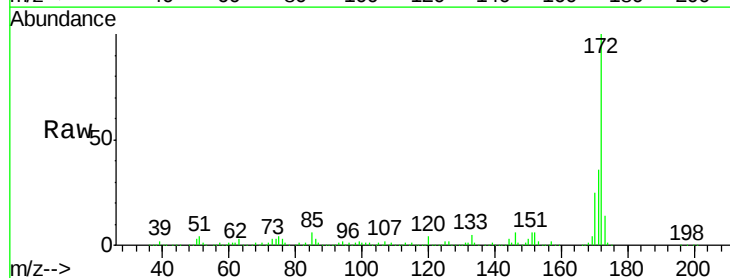
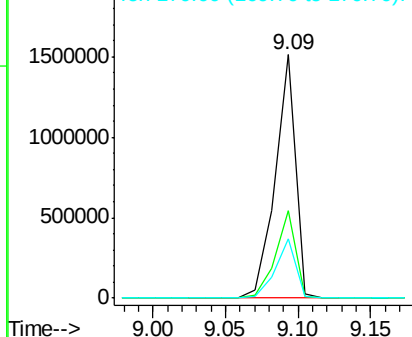
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

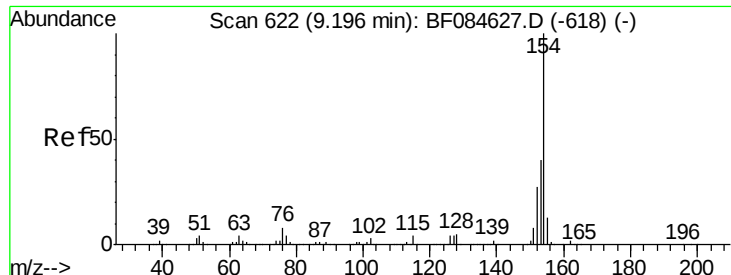


#44
 2-Fluorobiphenyl
 Concen: 66.52 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	172	Resp	1462568
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.9	43.3
170	24.5	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





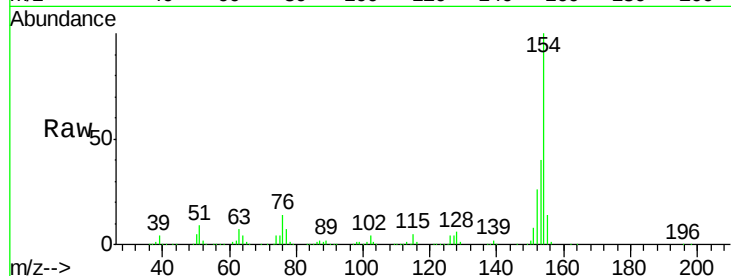
#45
1,1'-Biphenyl
Concen: 34.08 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

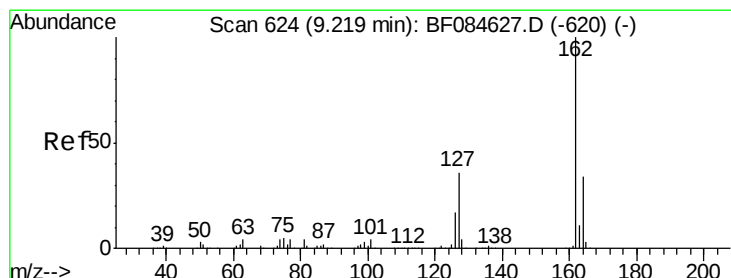
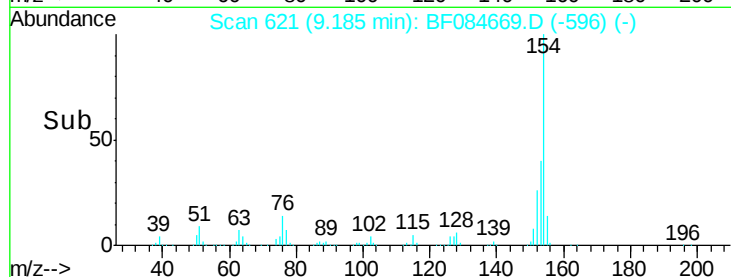
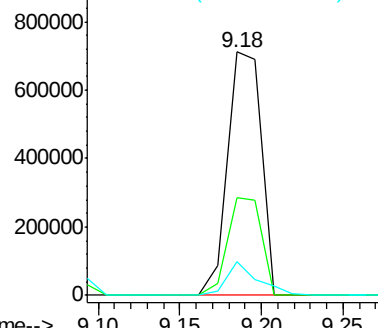
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.6	61.6
76	13.9	0.0	32.7

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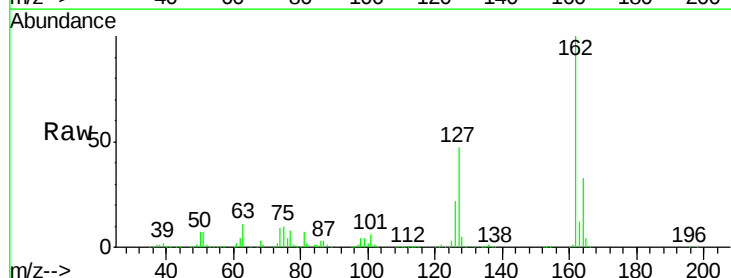


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

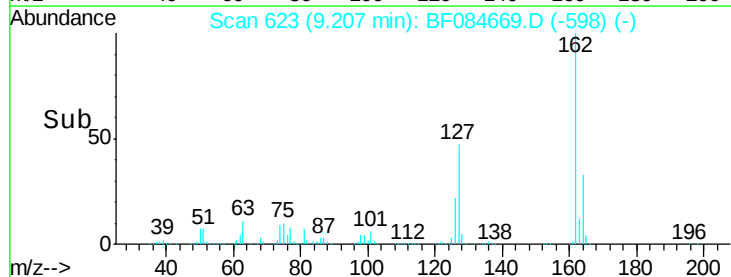
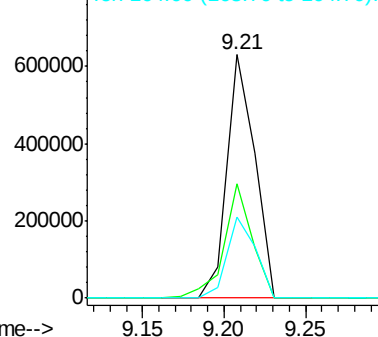


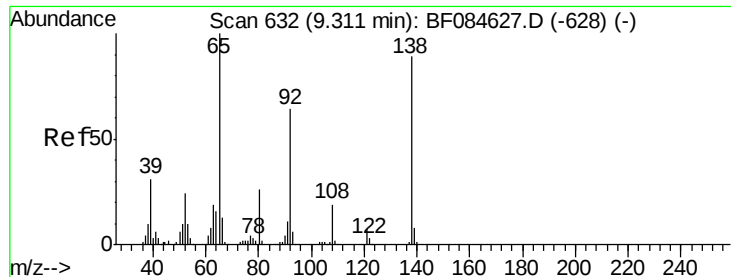
#46
2-Chloronaphthalene
Concen: 34.21 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.0	40.2	60.4
164	33.0	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





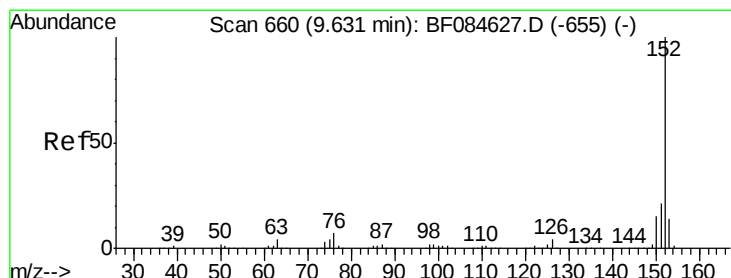
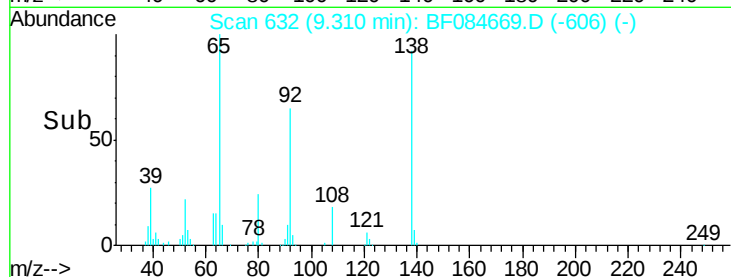
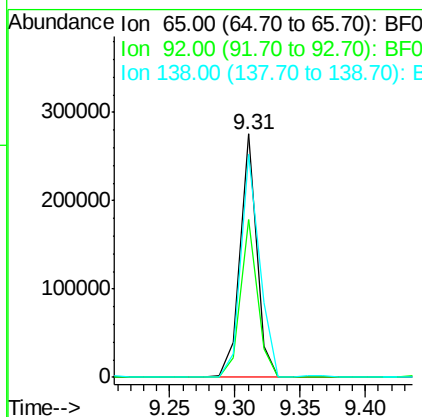
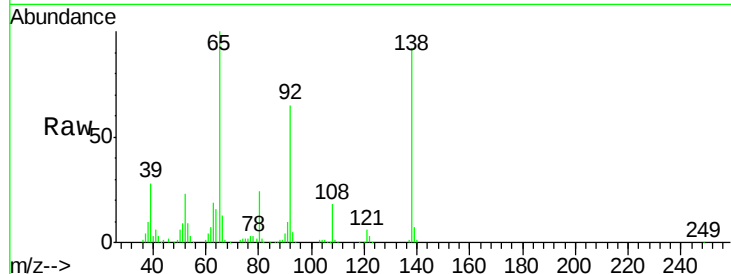
#47
2-Nitroaniline
Concen: 36.96 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.4	80.2
138	91.7	71.1	106.7

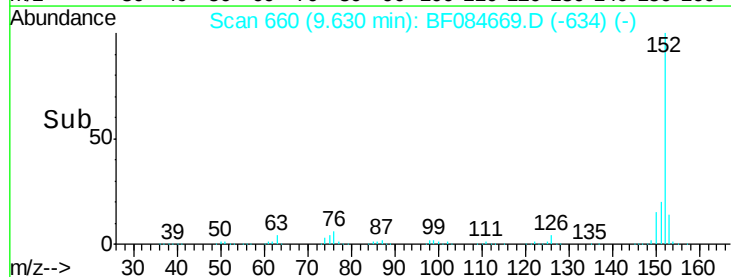
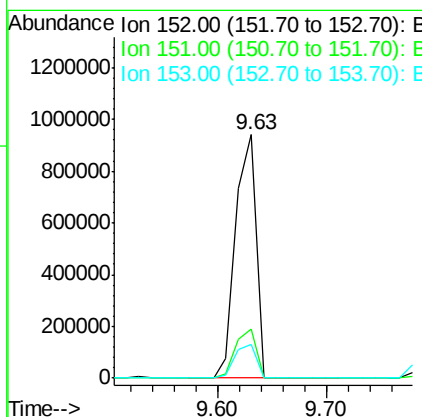
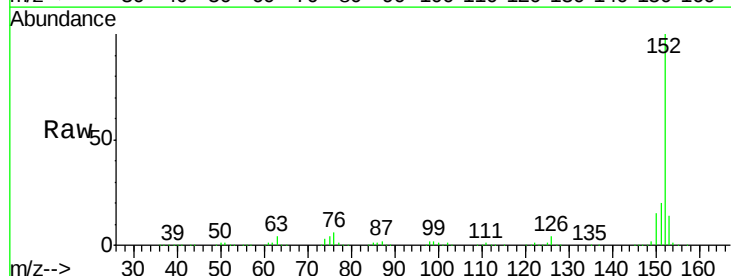
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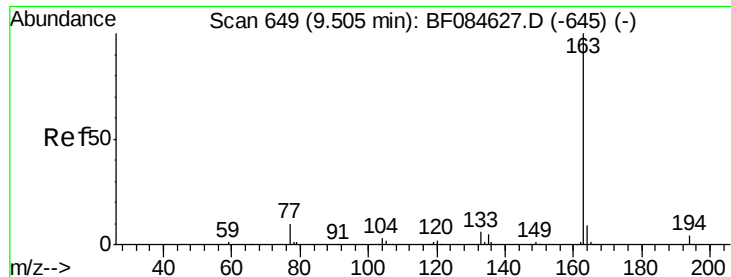
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#48
Acenaphthylene
Concen: 36.42 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

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





#49

Dimethylphthalate

Concen: 43.78 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:163 Resp: 1073669

Ion Ratio Lower Upper

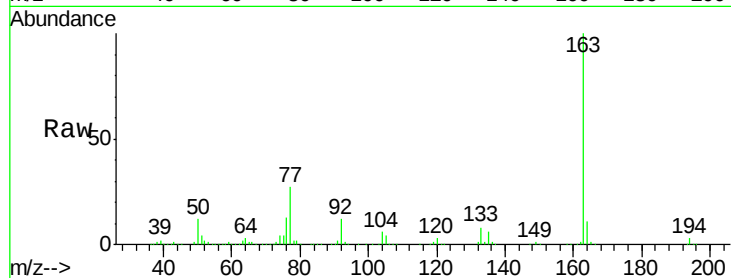
163 100

194 3.0 8.0 12.0#

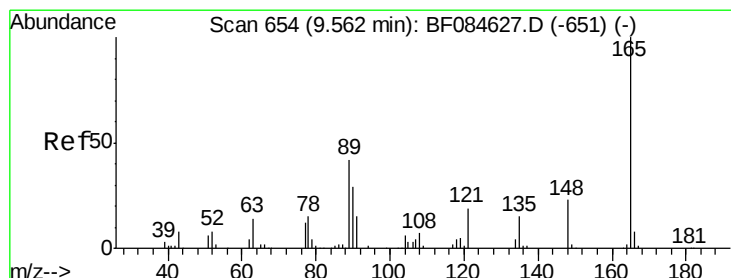
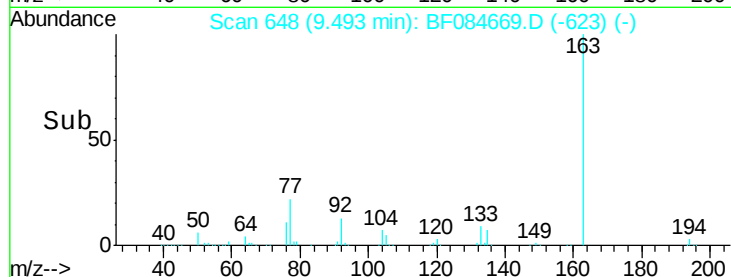
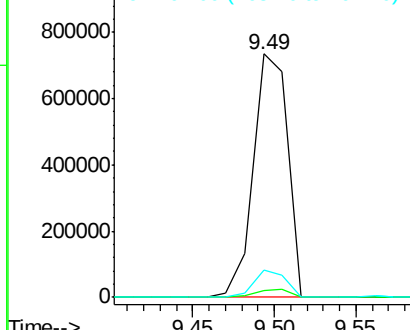
164 11.1 8.0 12.0

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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: 40.11 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

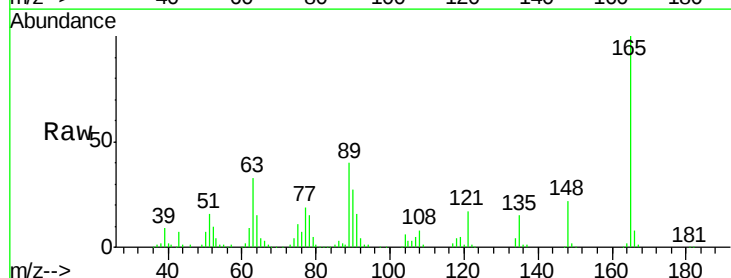
Tgt Ion:165 Resp: 216478

Ion Ratio Lower Upper

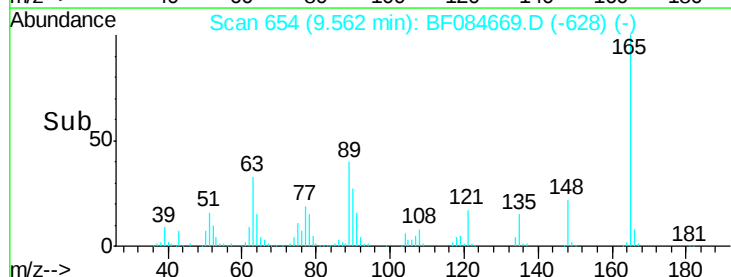
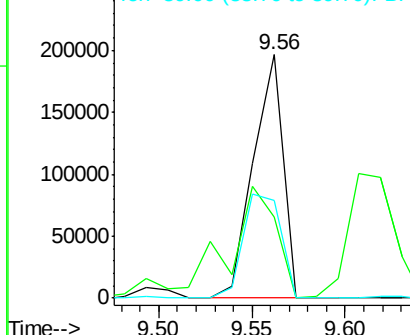
165 100

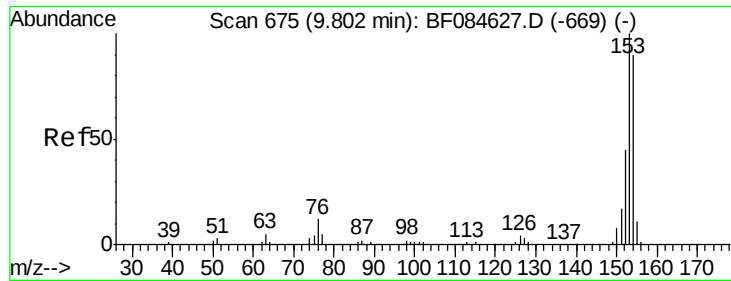
63 33.4 28.8 43.2

89 40.0 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: 37.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

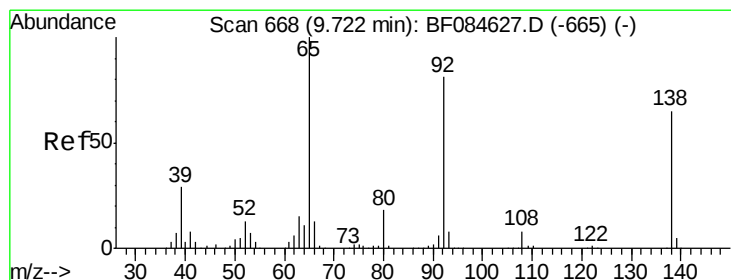
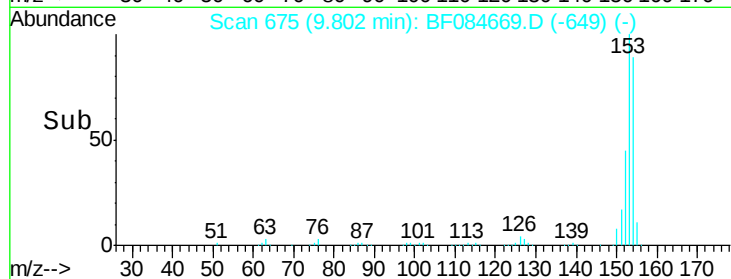
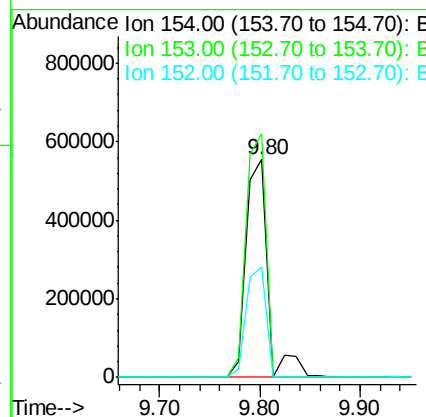
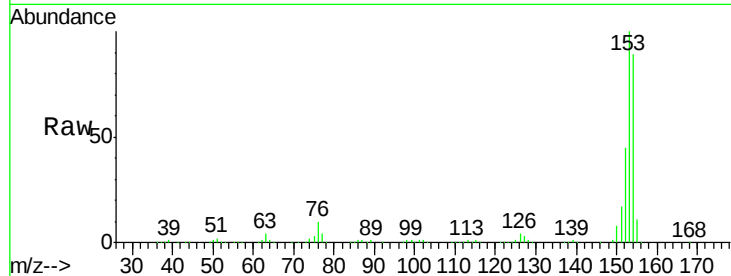
ClientSampleId :

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Tot Ion:	154	Resp:	840458
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.5	137.3
152	50.8	43.0	64.6

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#52

3-Nitroaniline

Concen: 26.09 ng

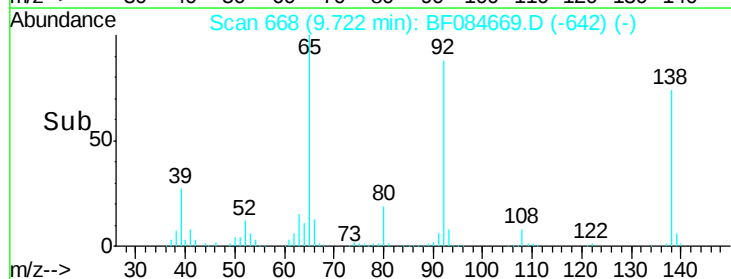
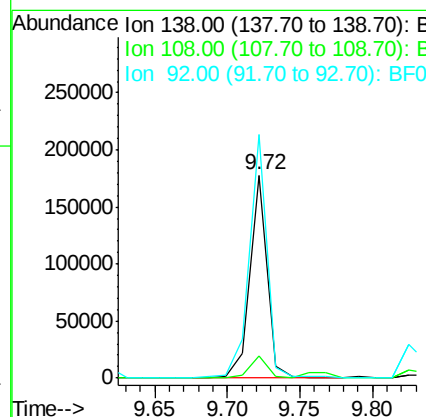
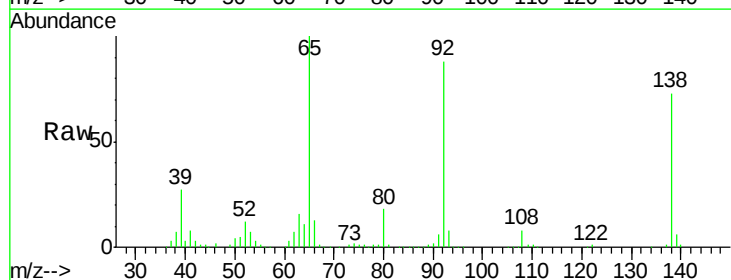
RT: 9.72 min Scan# 668

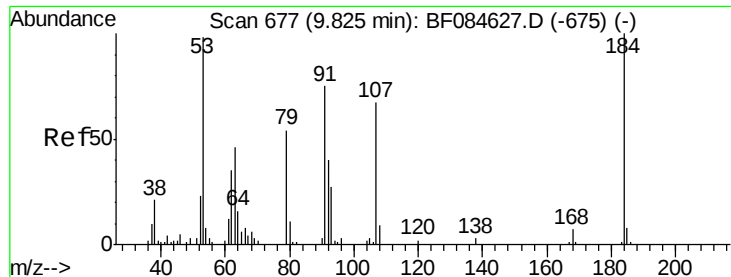
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	138	Resp:	147117
Ion Ratio	Lower	Upper	
138	100		
108	10.7	10.5	15.7
92	119.8	103.9	155.9





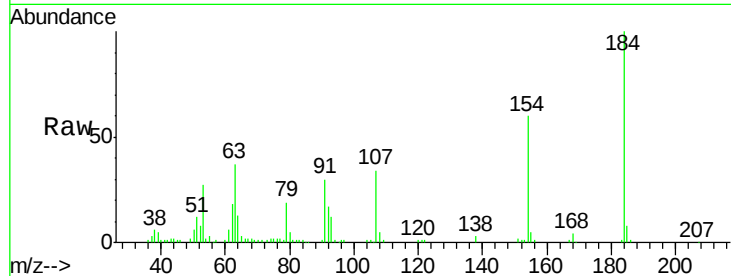
#53
2,4-Dinitrophenol
Concen: 48.41 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

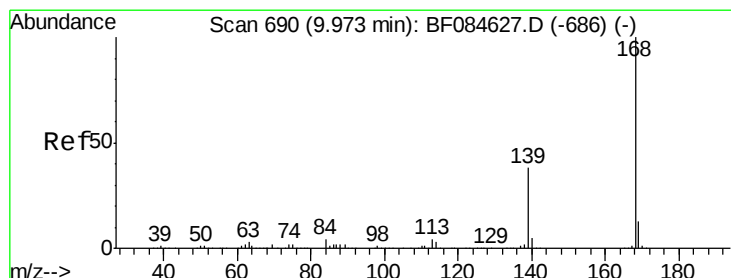
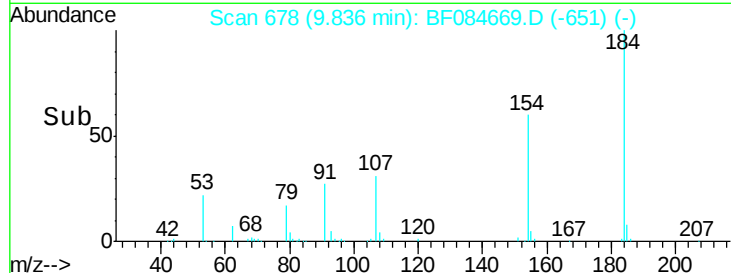
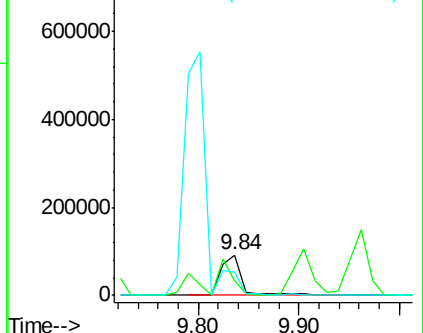
Tot Ion	Ratio	Lower	Upper
184	100		
63	37.0	43.1	64.7#
154	59.6	60.5	90.7#

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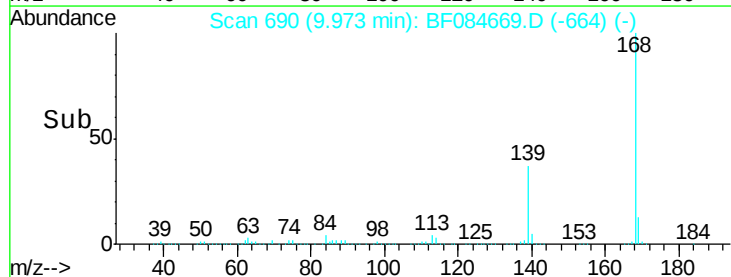
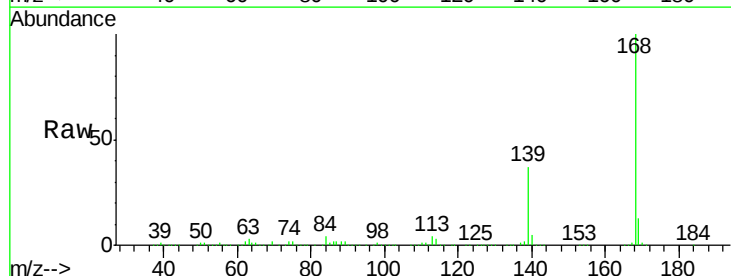
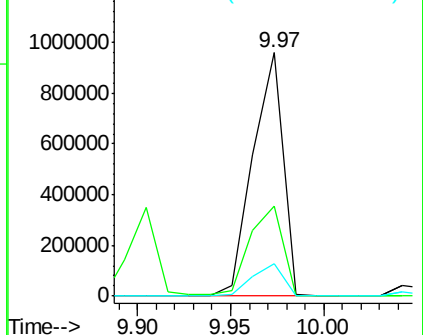
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

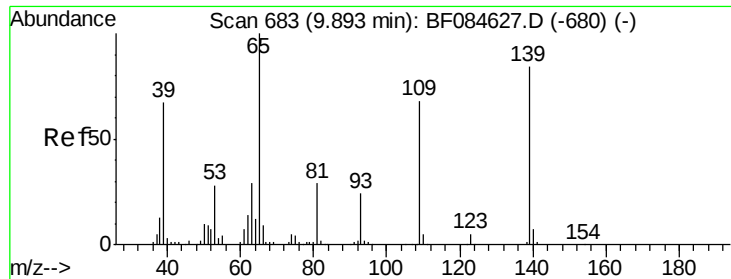


#54
Dibenzofuran
Concen: 40.58 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.5	45.7
169	13.2	10.4	15.6

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





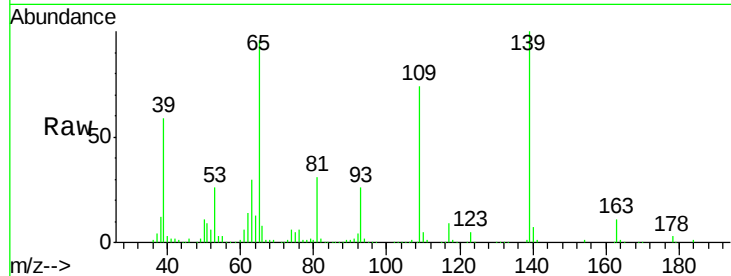
#55
4-Nitrophenol
Concen: 87.18 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

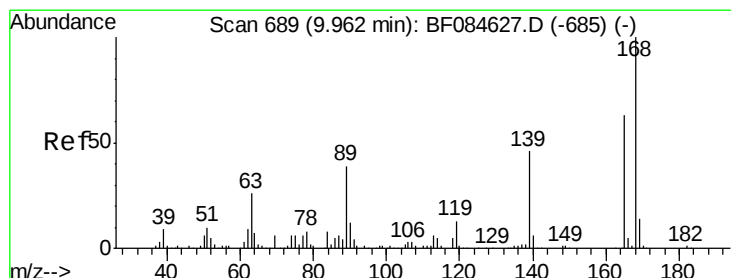
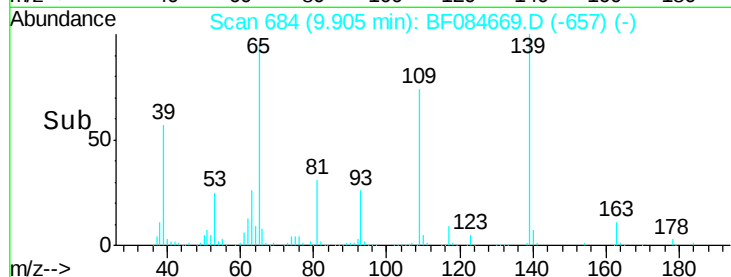
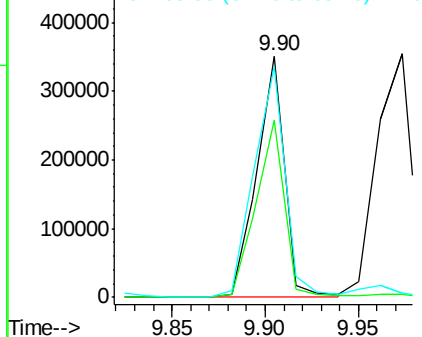
Tot Ion	Ratio	Resp	Lower	Upper
139	100	361109		
109	73.5	58.5	98.5	
65	95.6	57.6	97.6	

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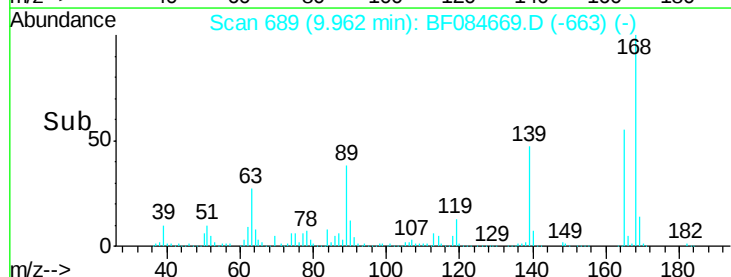
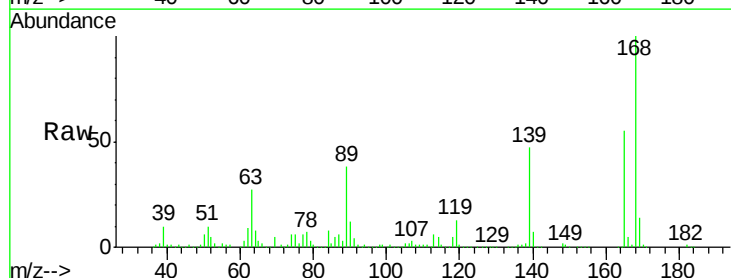
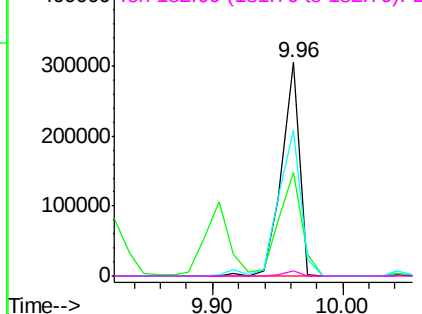
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

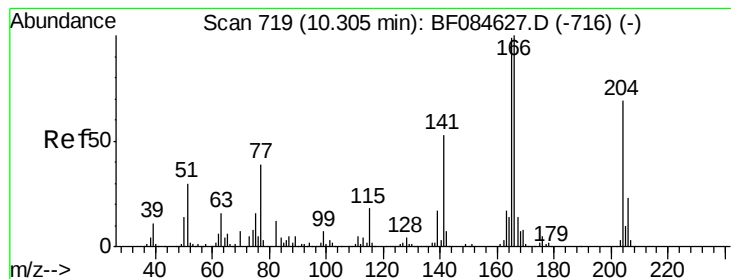


#56
2,4-Dinitrotoluene
Concen: 41.98 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	294341		
63	48.6	36.7	55.1	
89	68.4	61.9	92.9	
182	2.2	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.98 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

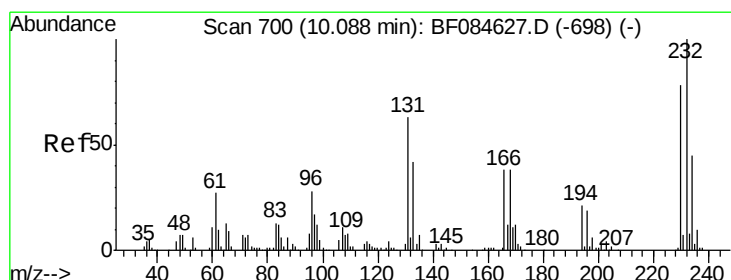
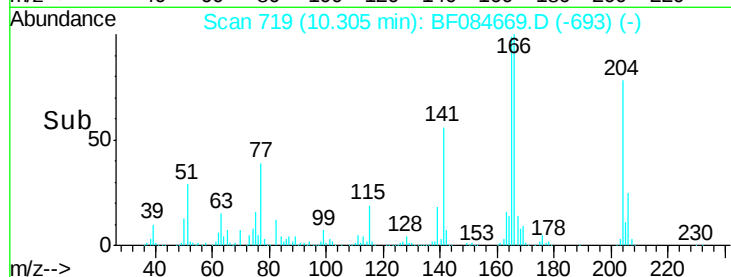
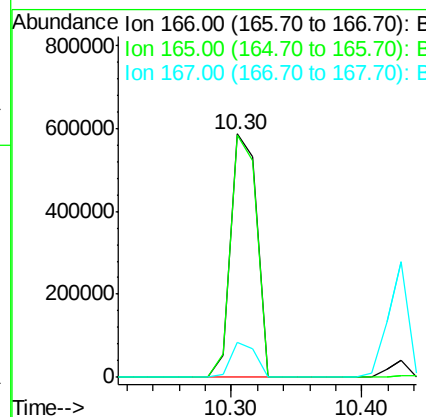
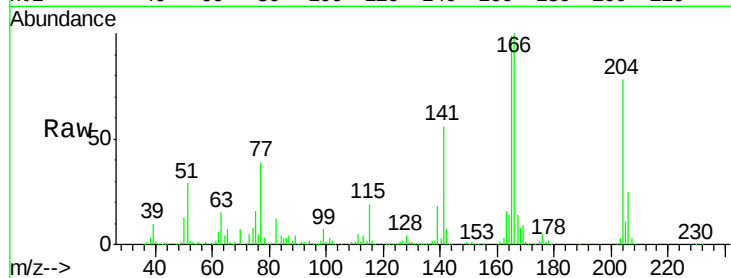
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		806925		
165	99.3	79.1	118.7		
167	14.1	10.4	15.6		

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.22 ng

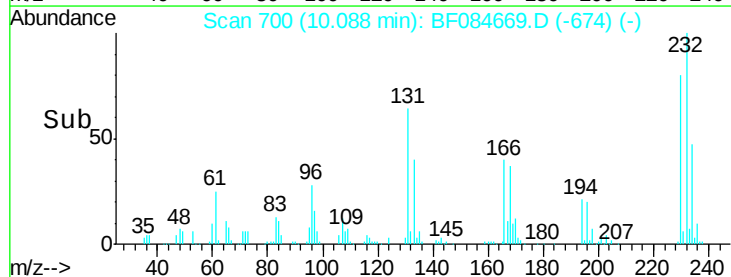
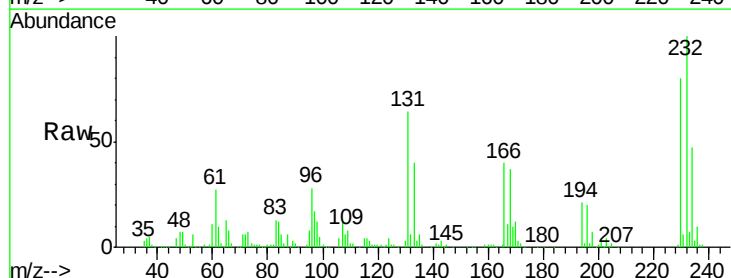
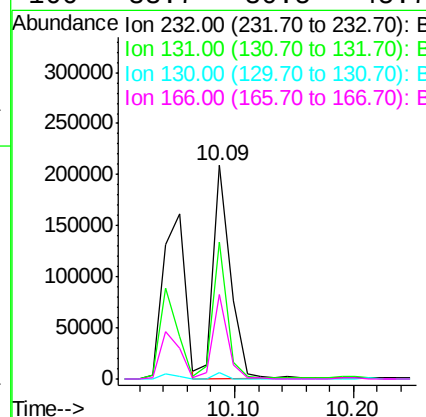
RT: 10.09 min Scan# 700

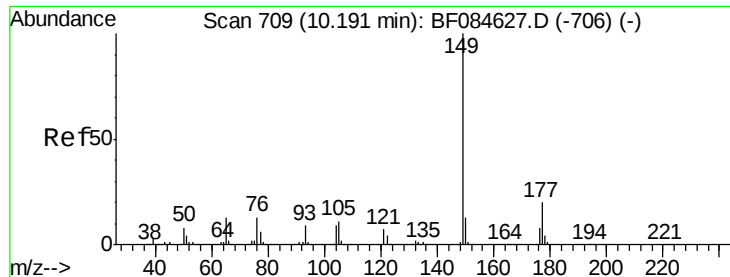
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		211828		
131	54.3	47.0	70.6		
130	2.4	2.0	3.0		
166	33.7	30.5	45.7		





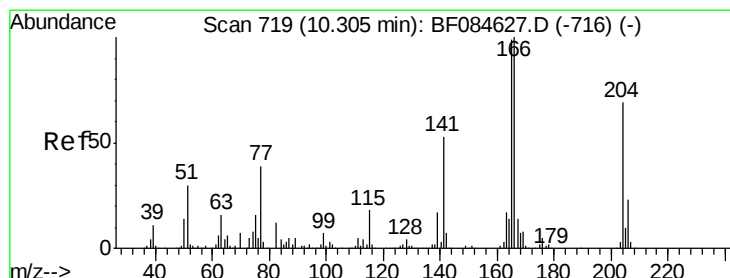
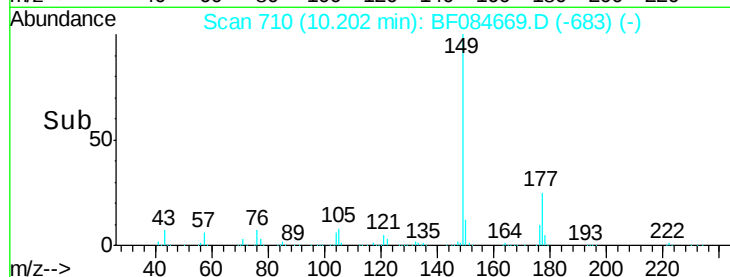
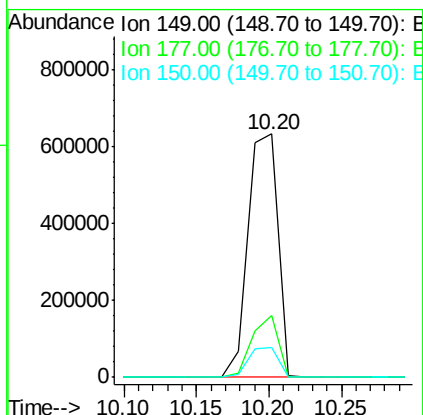
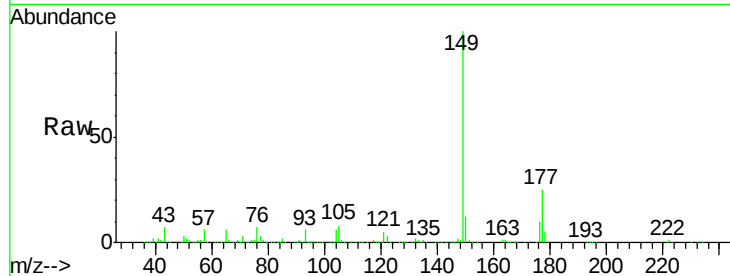
#59
Diethylphthalate
Concen: 37.61 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.3	17.3	25.9	
150	12.3	9.8	14.8	

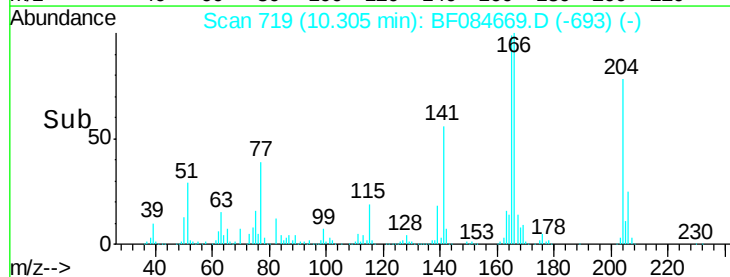
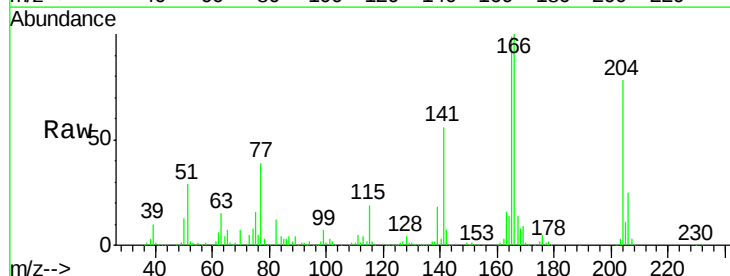
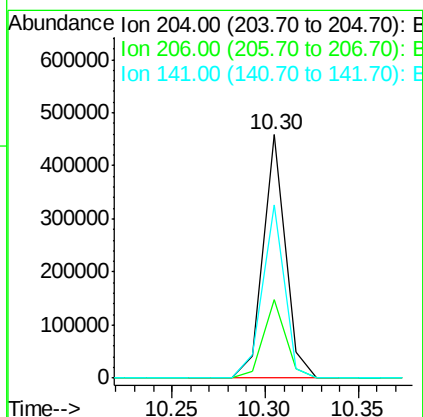
Manual Integrations
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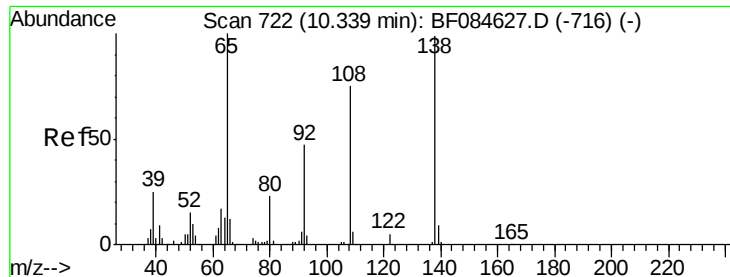
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 37.47 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.0	25.7	38.5	
141	71.2	55.1	82.7	





#61

4-Nitroaniline

Concen: 43.12 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

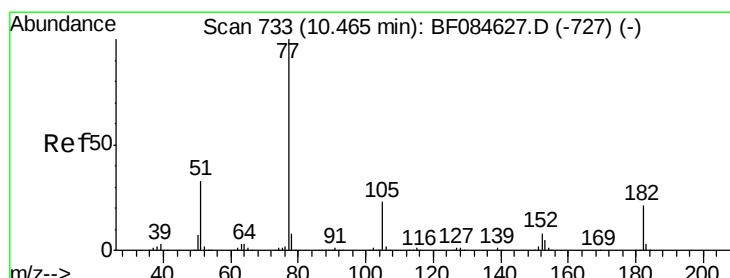
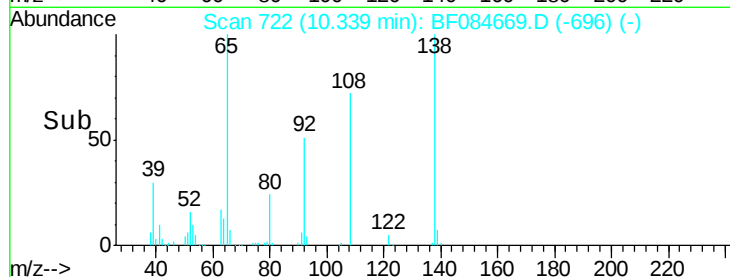
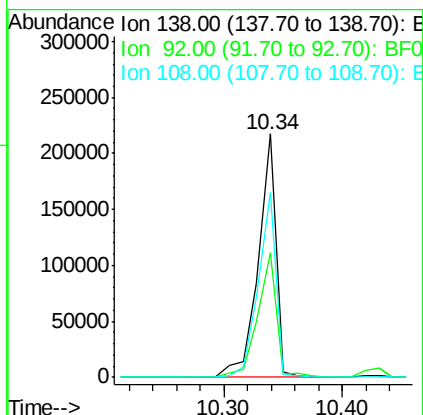
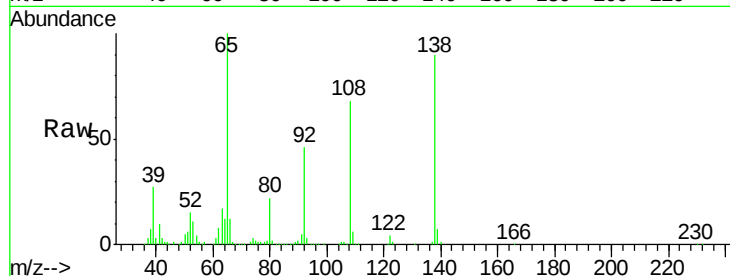
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	138	Resp:	230153
Ion Ratio	Lower	Upper	
138	100		
92	51.0	32.6	72.6
108	76.0	68.6	108.6

Manual Integrations
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#62

Azobenzene

Concen: 42.60 ng

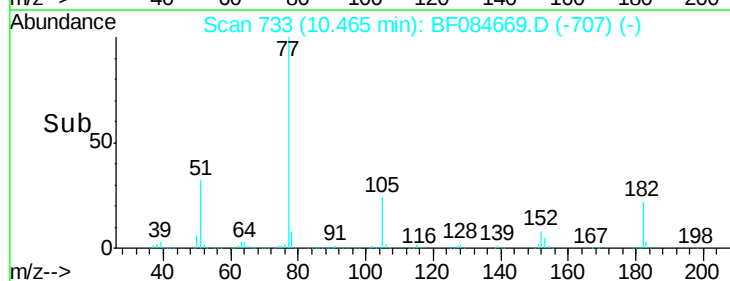
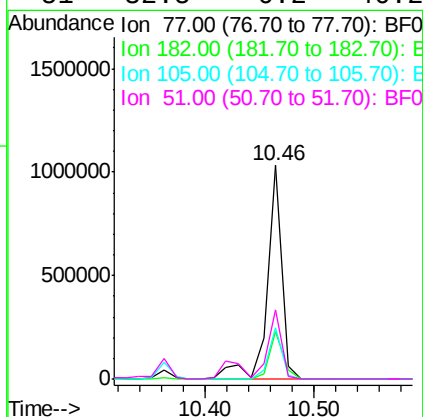
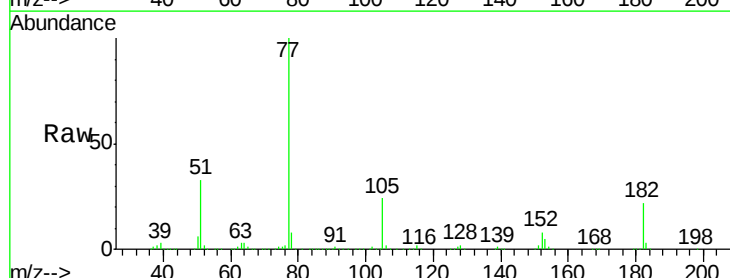
RT: 10.46 min Scan# 733

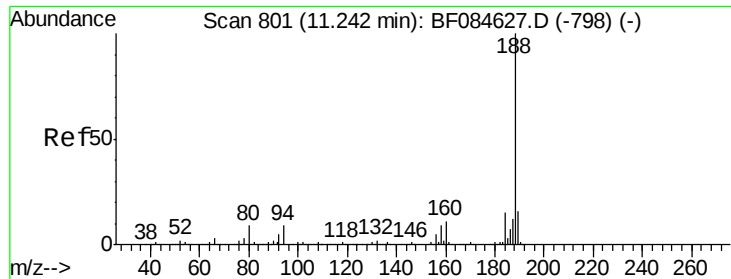
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	77	Resp:	978947
Ion Ratio	Lower	Upper	
77	100		
182	22.1	8.3	48.3
105	24.2	4.6	44.6
51	32.5	6.2	46.2





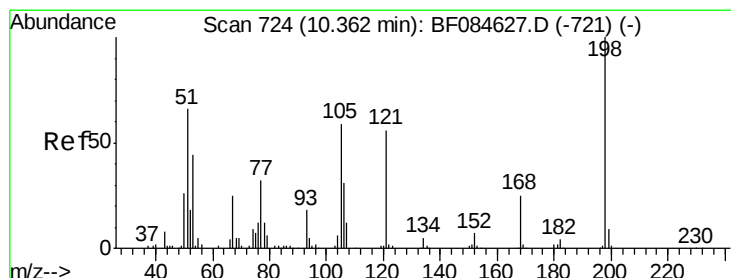
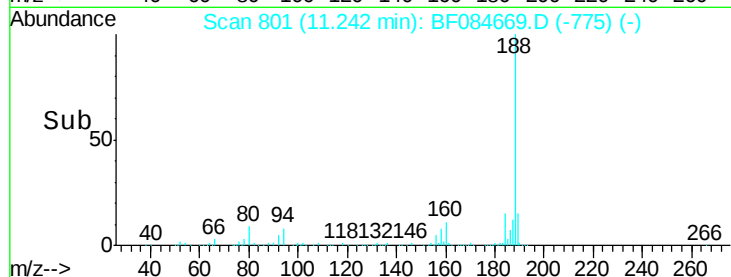
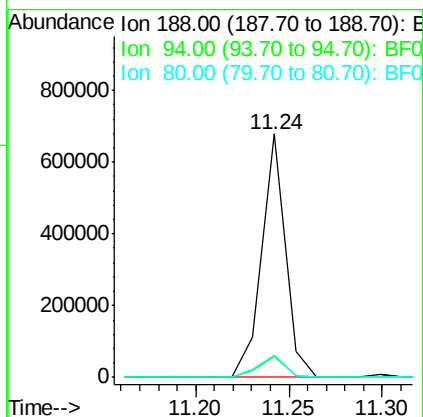
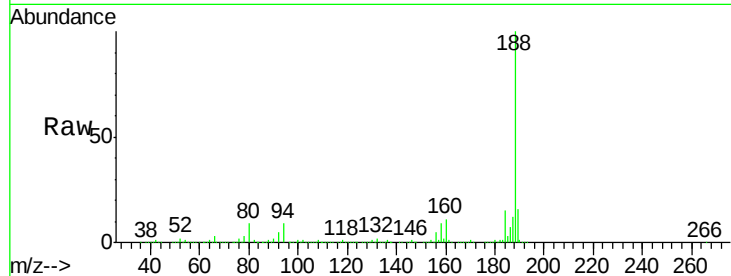
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.6	14.4#

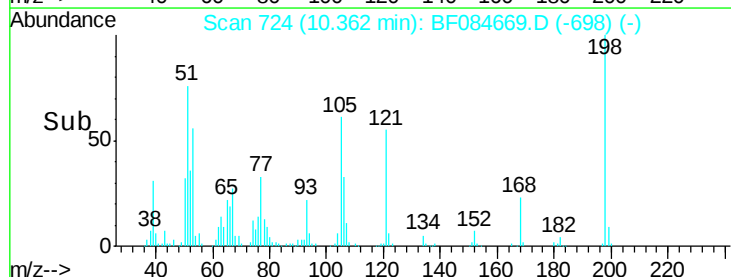
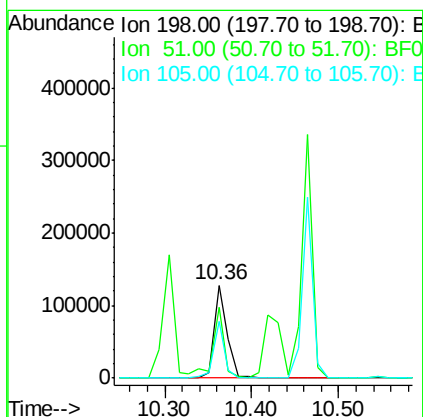
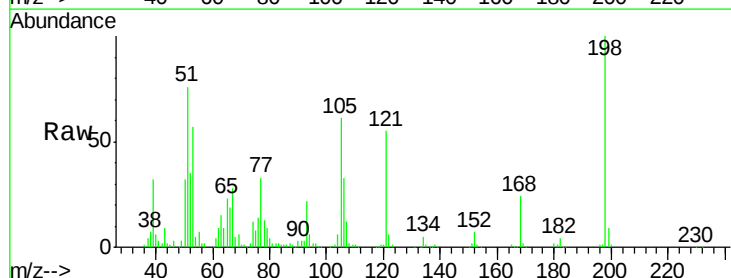
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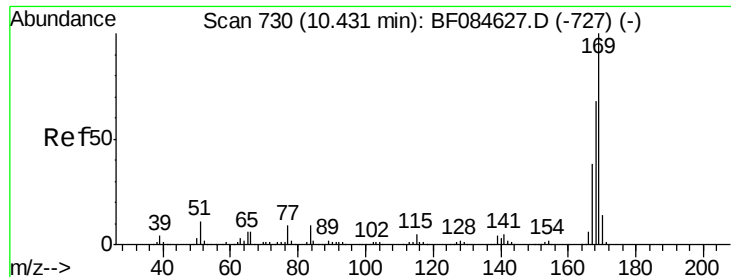
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.82 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	76.3	18.9	58.9#
105	61.1	26.4	66.4





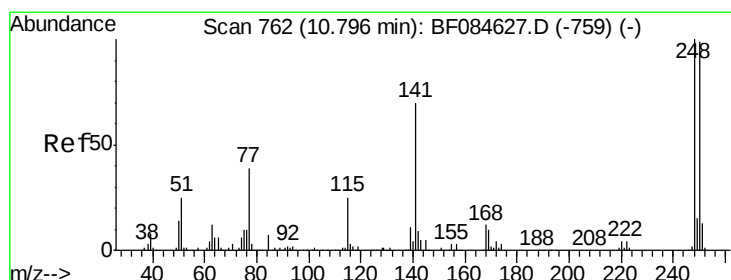
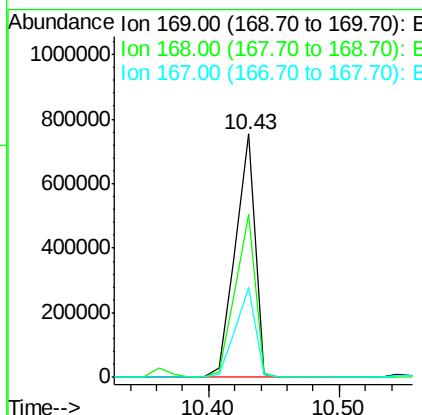
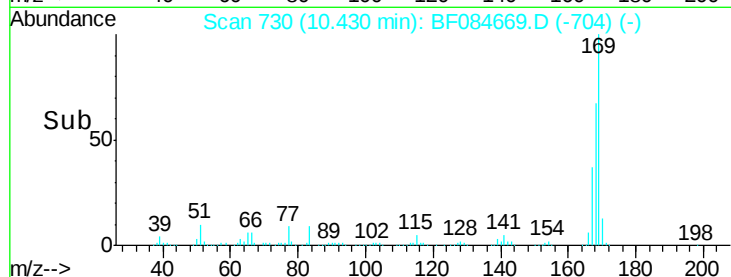
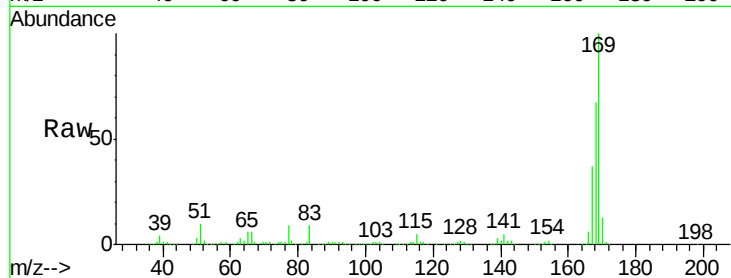
#65
n-Nitrosodiphenylamine
Concen: 40.77 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		787740		
168	67.1	55.1	82.7		
167	36.8	30.0	45.0		

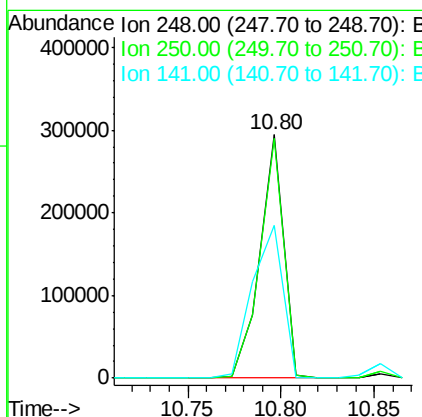
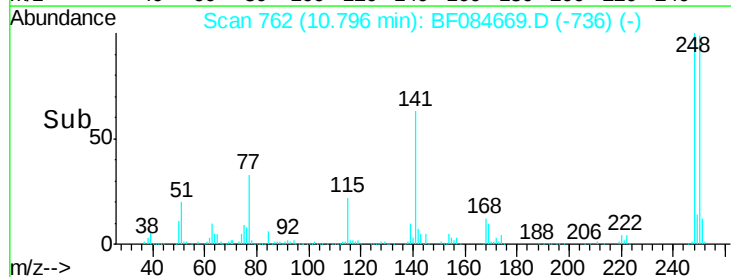
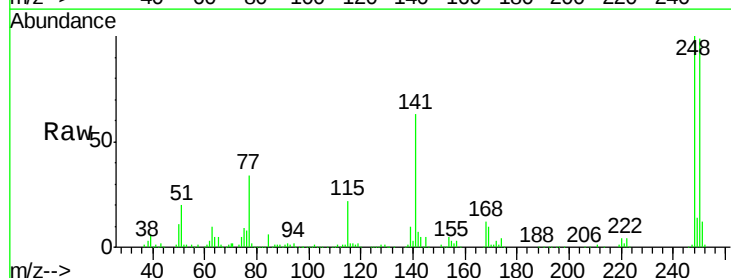
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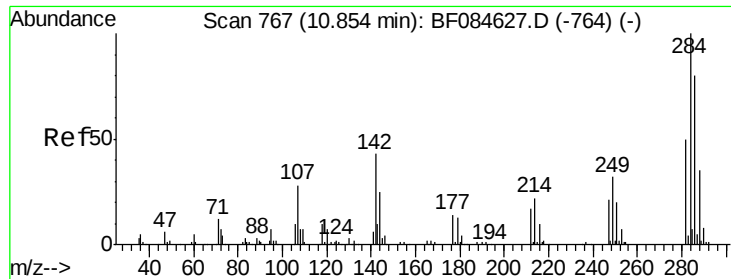
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 38.56 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		258791		
250	98.5	78.4	117.6		
141	62.8	44.0	66.0		





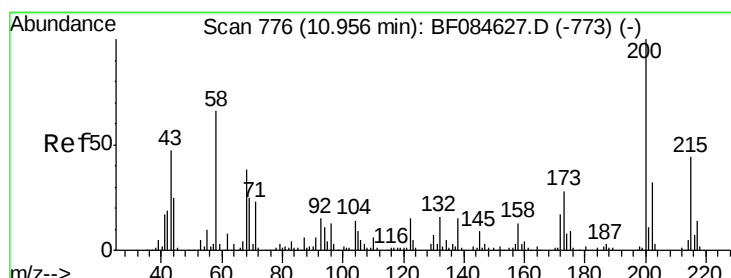
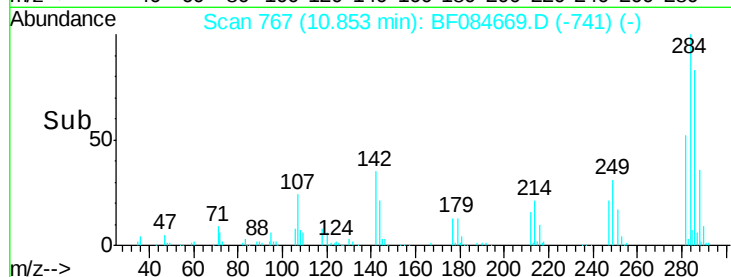
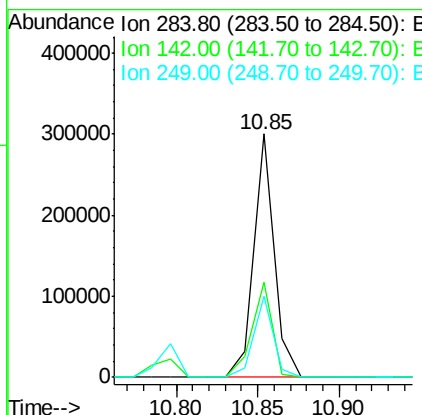
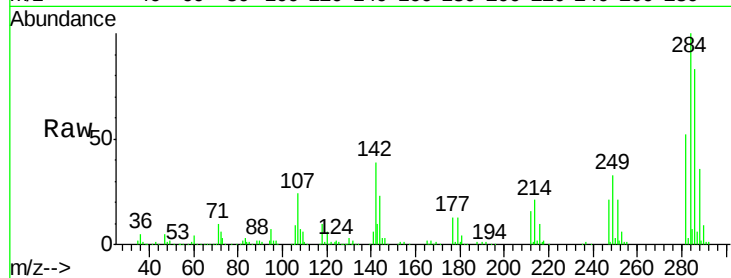
#67
Hexachlorobenzene
Concen: 35.84 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	39.2	22.2	33.4
249	33.3	24.6	37.0

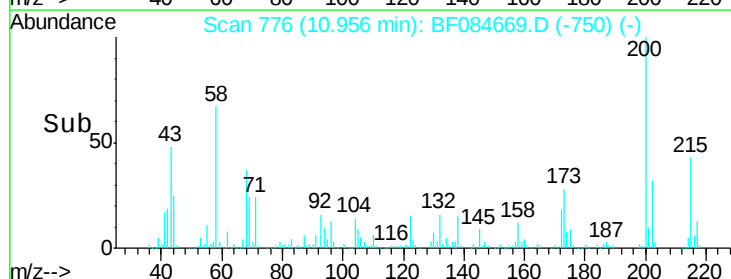
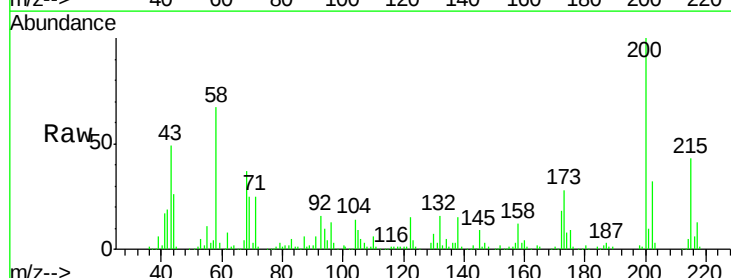
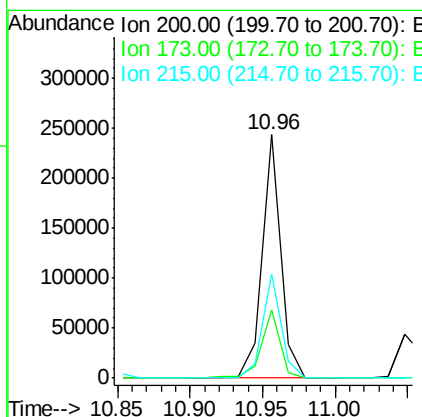
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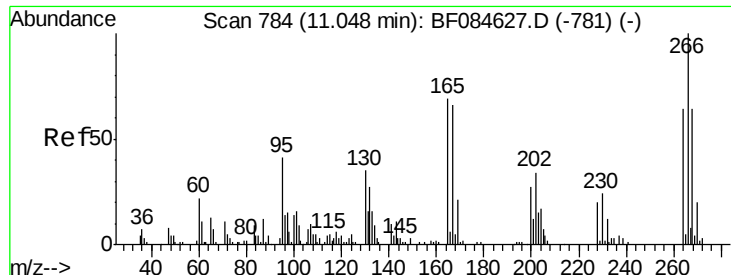
mohammad
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#68
Atrazine
Concen: 37.31 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	9.5	49.5
215	42.6	23.8	63.8





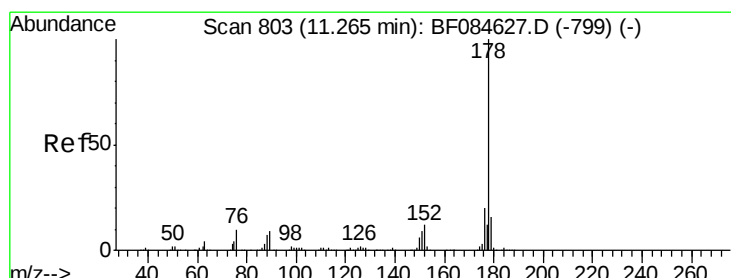
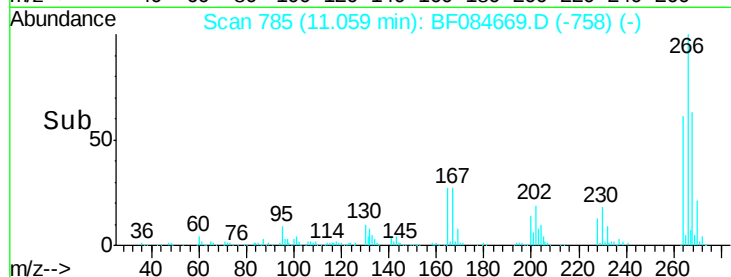
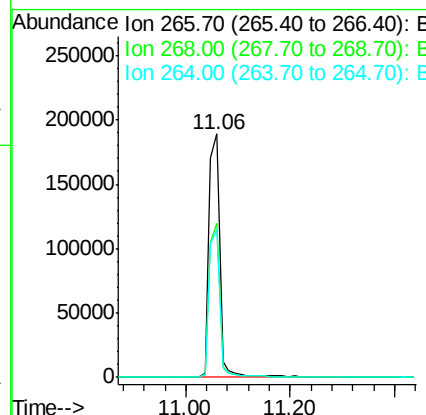
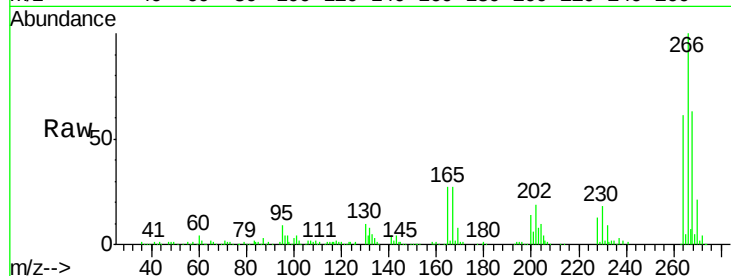
#69
 Pentachlorophenol
 Concen: 78.23 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.4	78.6
264	60.5	50.2	75.2

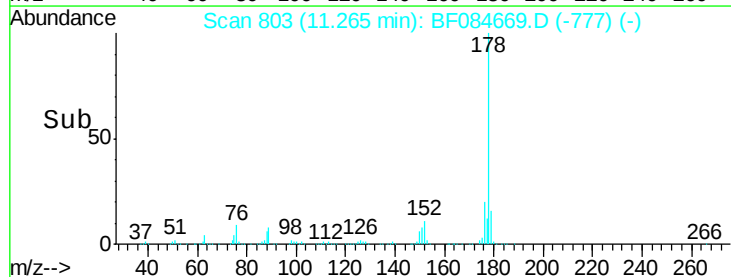
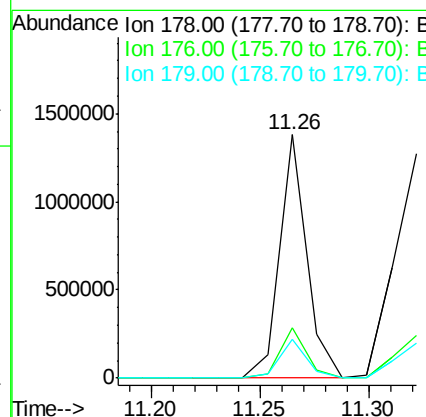
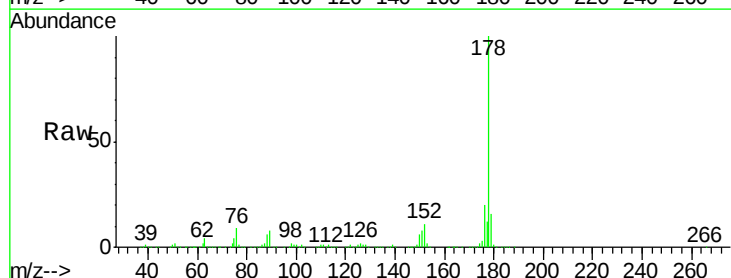
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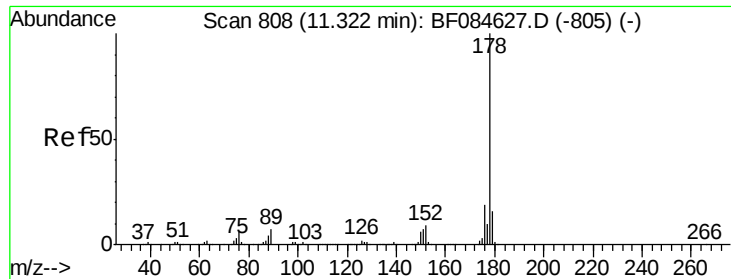
mohammad
 2/1/2016 2:25:44 PM



#70
 Phenanthrene
 Concen: 36.91 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.3	22.9
179	16.0	12.0	18.0





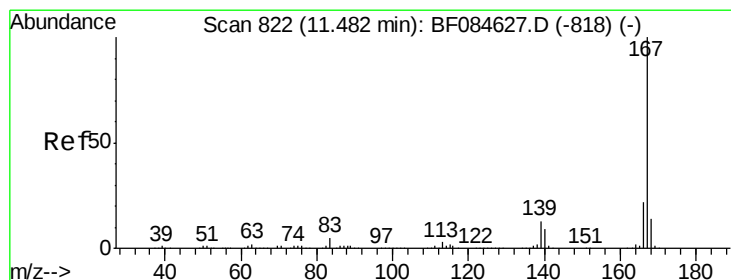
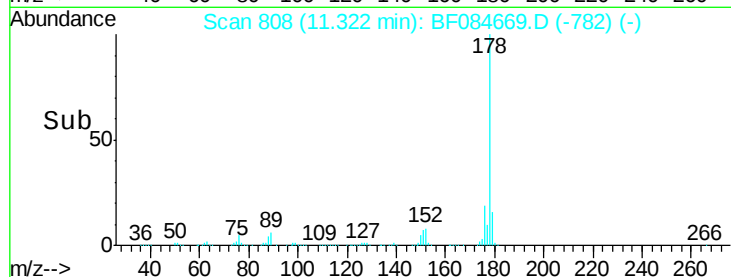
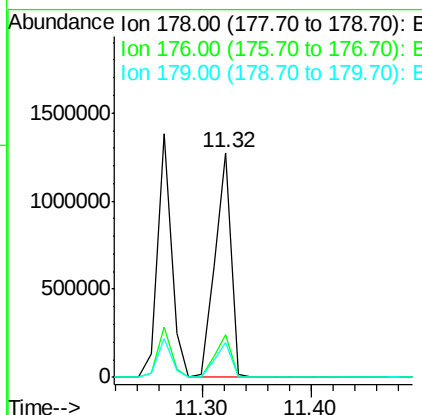
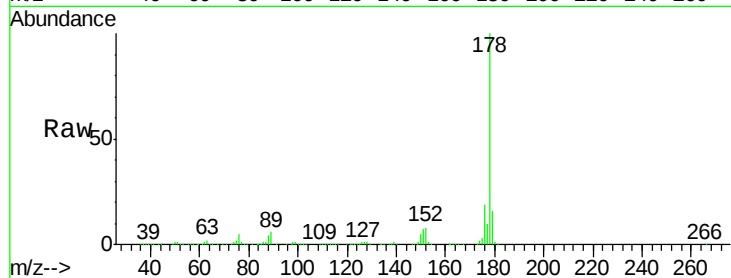
#71
 Anthracene
 Concen: 39.86 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Tot Ion:178 Resp: 1335383
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.6 12.5 18.7

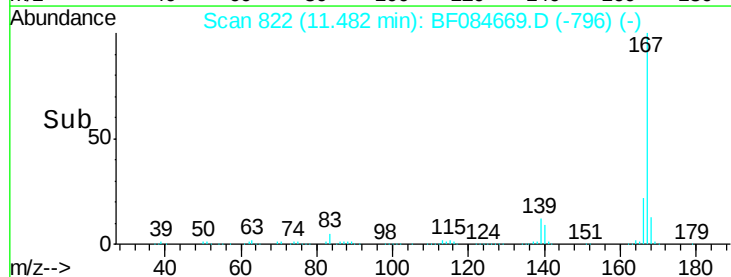
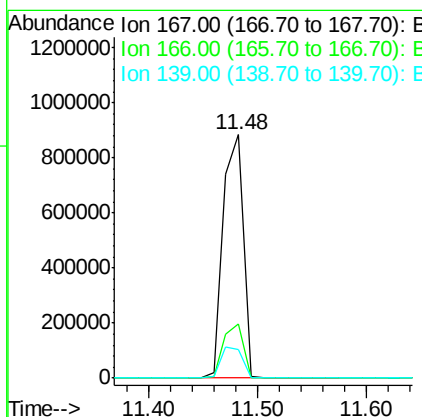
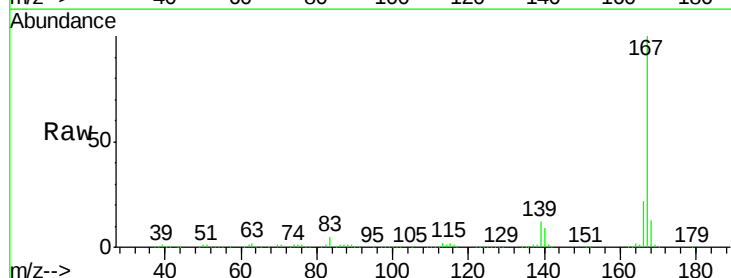
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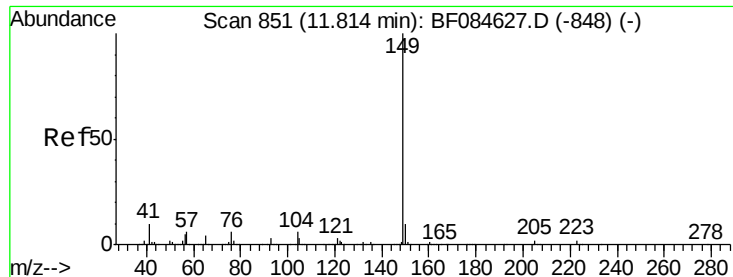
mohammad
 2/1/2016 2:25:44 PM



#72
 Carbazole
 Concen: 39.41 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:167 Resp: 1138045
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 11.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 37.08 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:149 Resp: 1302210

Ion Ratio Lower Upper

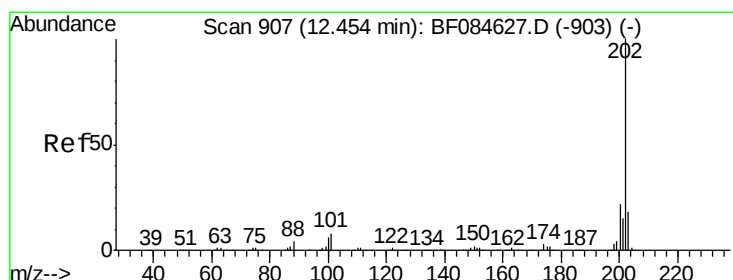
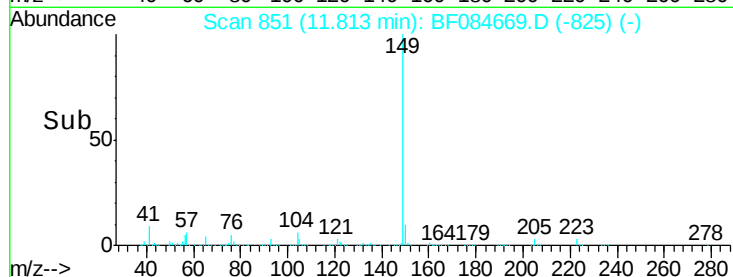
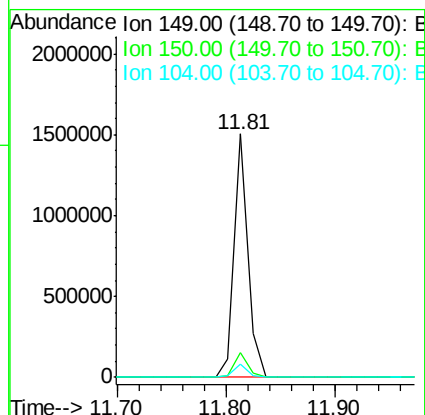
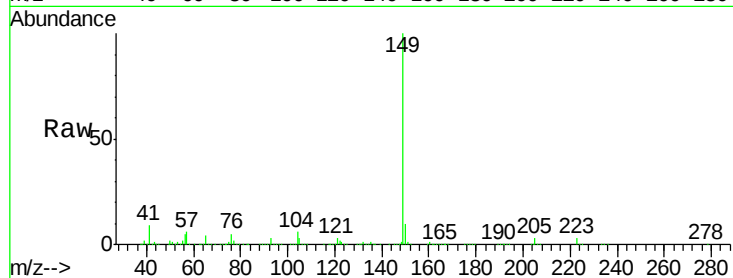
149 100

150 10.0 7.1 10.7

104 5.6 3.2 4.8#

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#74

Fluoranthene

Concen: 41.95 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

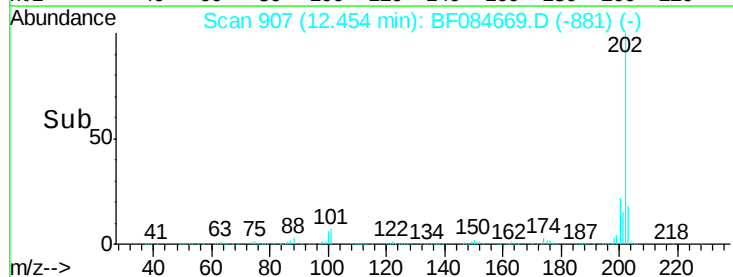
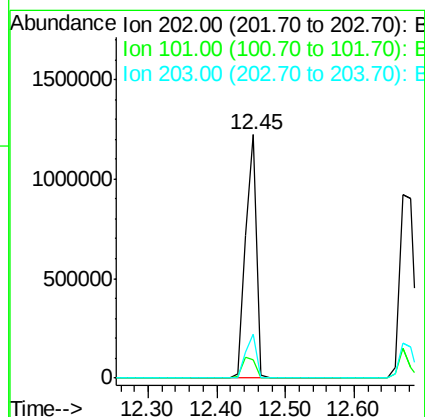
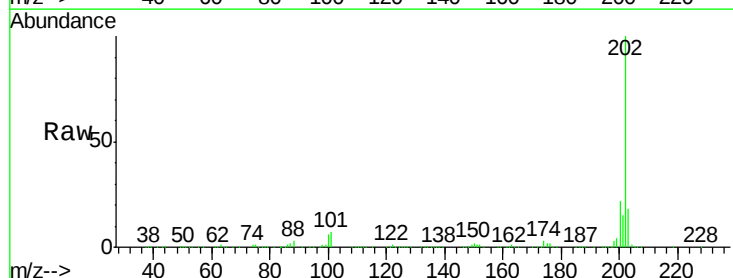
Tgt Ion:202 Resp: 1366725

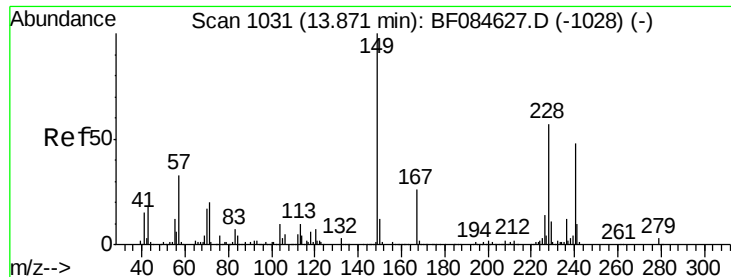
Ion Ratio Lower Upper

202 100

101 7.4 0.0 32.8

203 18.0 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: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

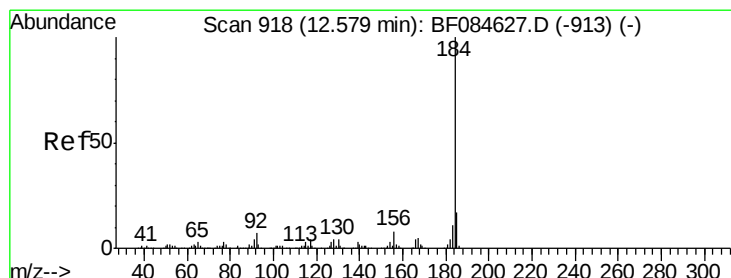
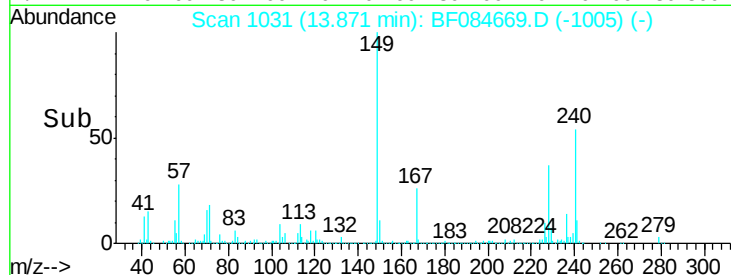
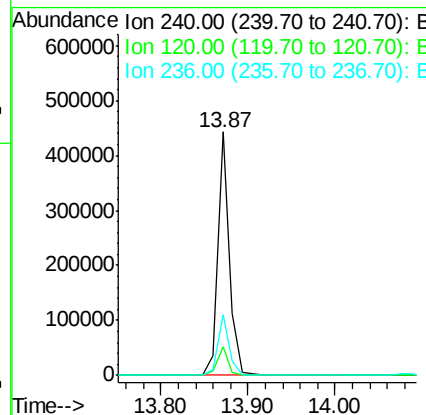
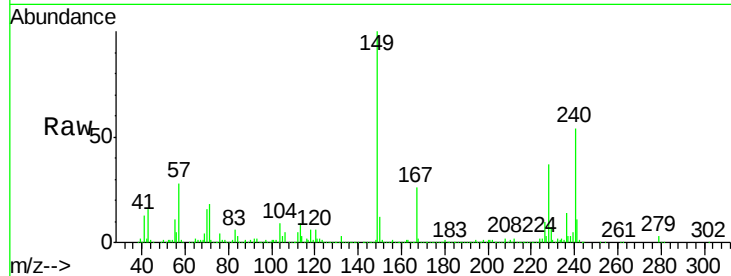
ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:	240	Resp:	413062
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.0	20.6	31.0

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#76

Benzidine

Concen: 31.95 ng

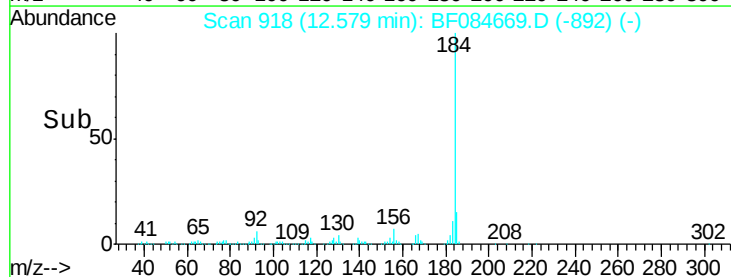
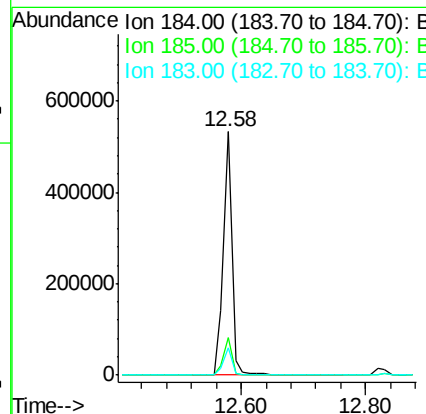
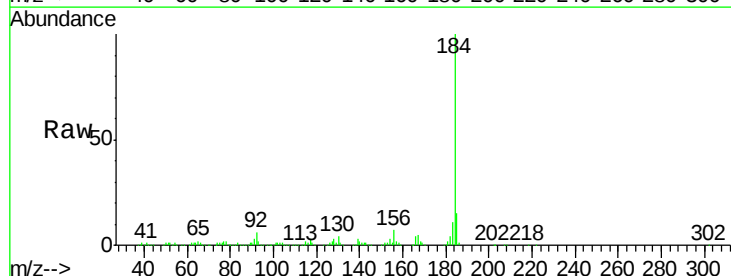
RT: 12.58 min Scan# 918

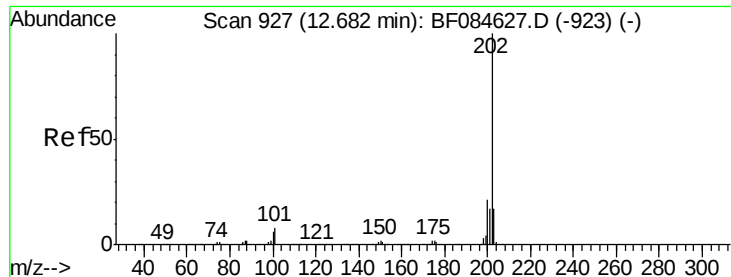
Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	184	Resp:	501910
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	11.5	9.8	14.8





#77

Pvrene

Concen: 41.72 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tot Ion:202 Resp: 1299692

Ion Ratio Lower Upper

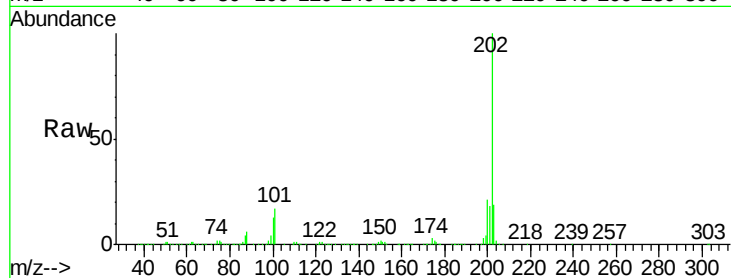
202 100

200 21.4 17.2 25.8

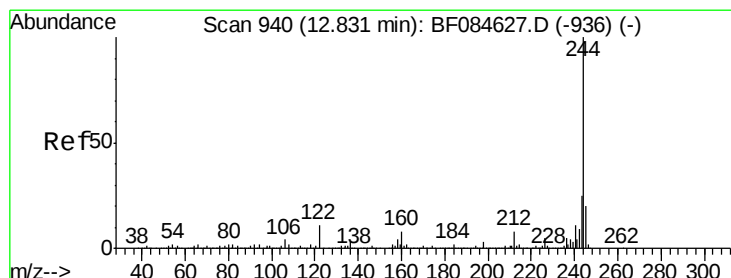
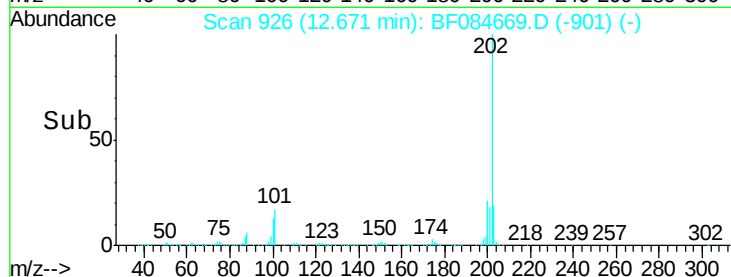
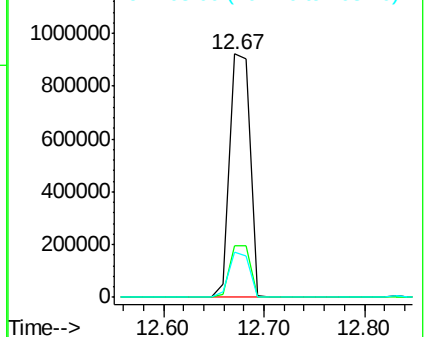
203 18.8 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.99 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

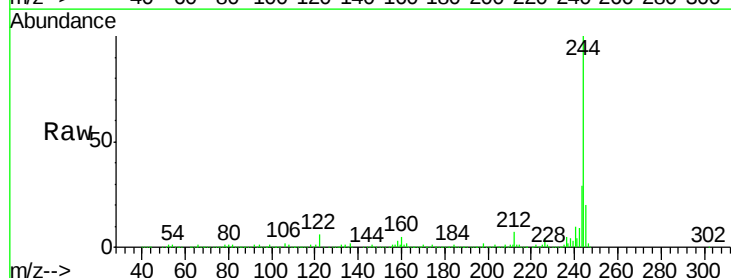
Tgt Ion:244 Resp: 1280078

Ion Ratio Lower Upper

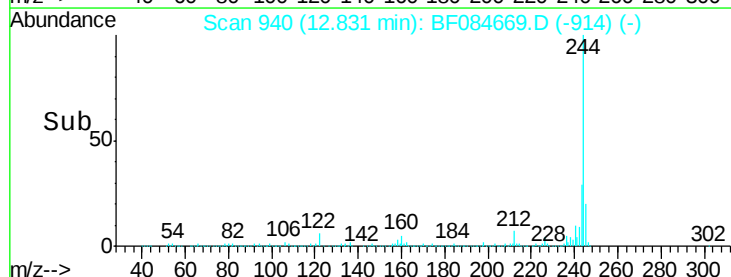
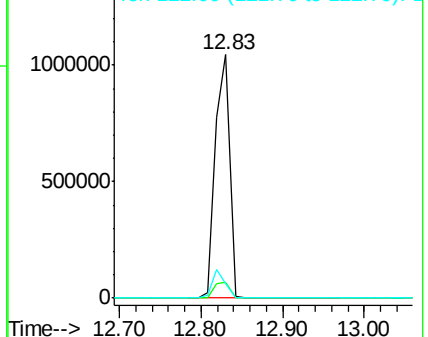
244 100

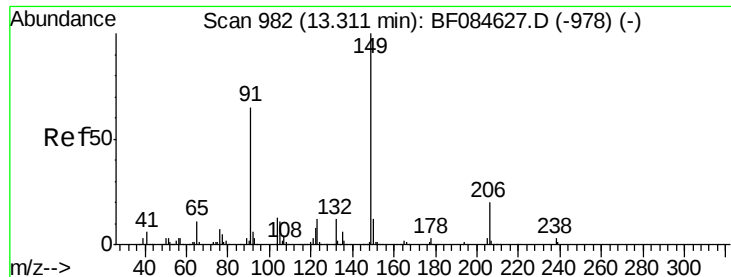
212 6.7 5.7 8.5

122 6.0 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





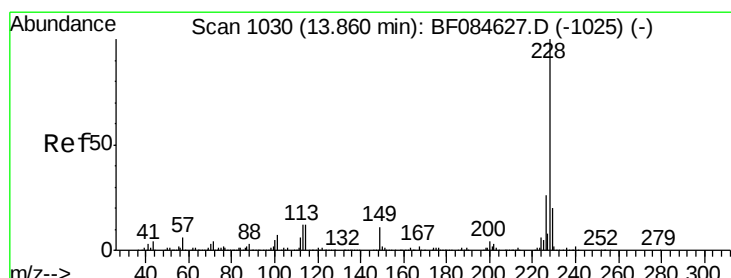
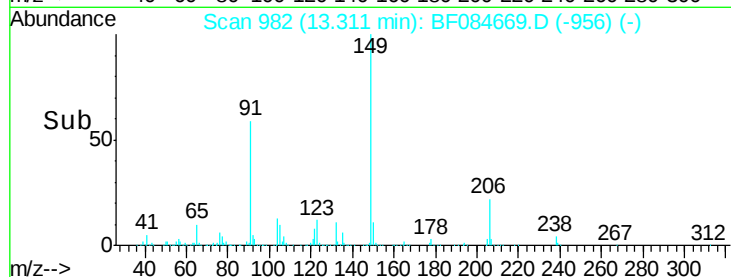
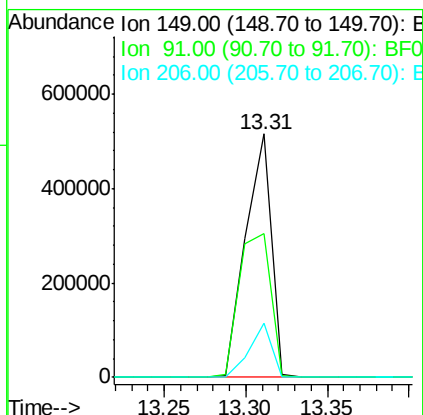
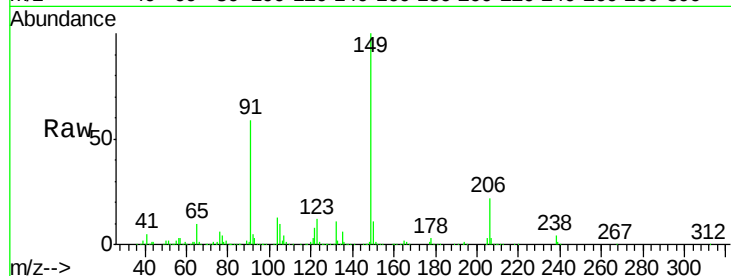
#79
Butylbenzylphthalate
Concen: 42.32 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	563209		
91	59.2		57.6	86.4
206	22.4		13.2	19.8

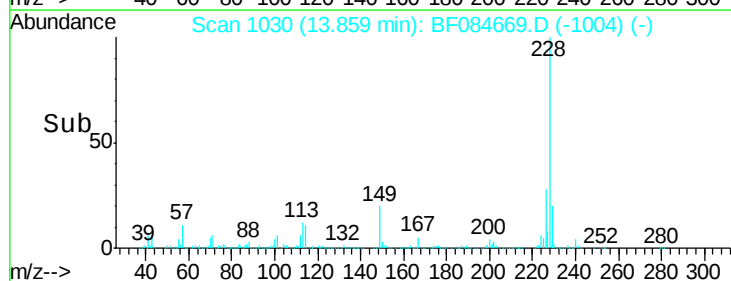
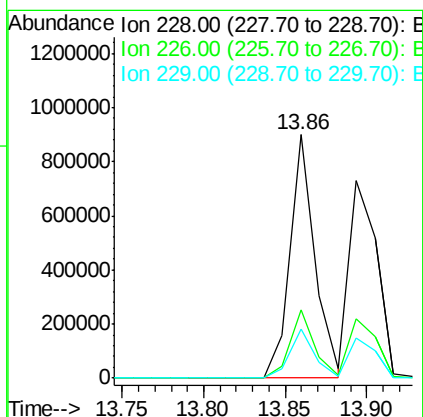
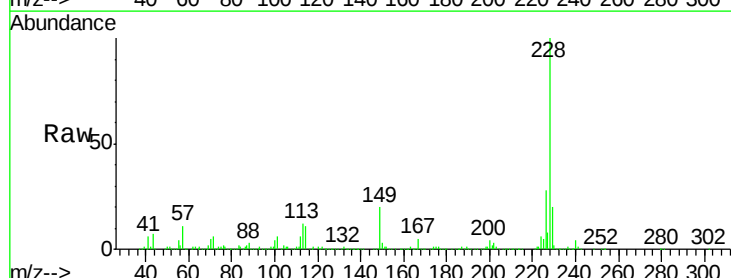
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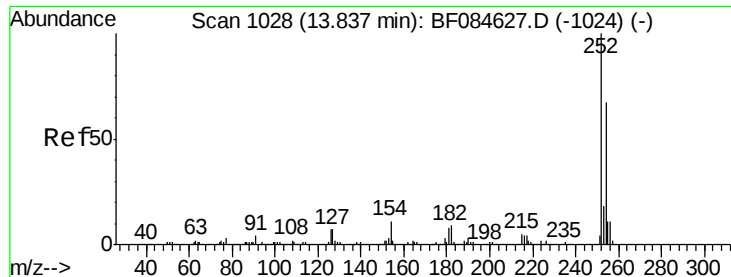
mohammad
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#80
Benzo(a)anthracene
Concen: 37.30 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	960523		
226	28.0		21.8	32.6
229	20.0		15.8	23.8





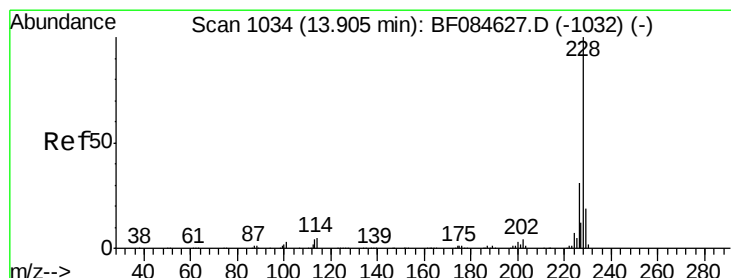
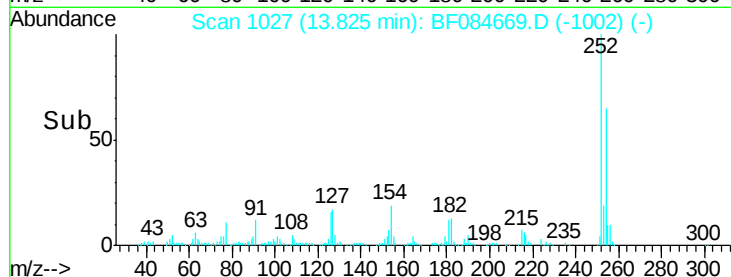
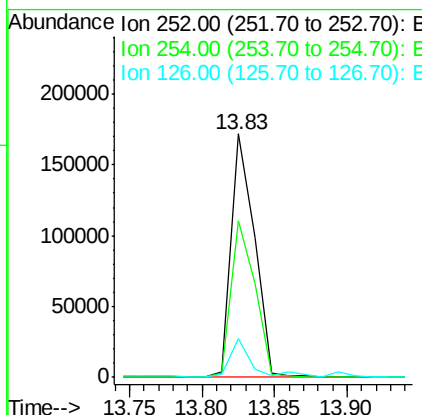
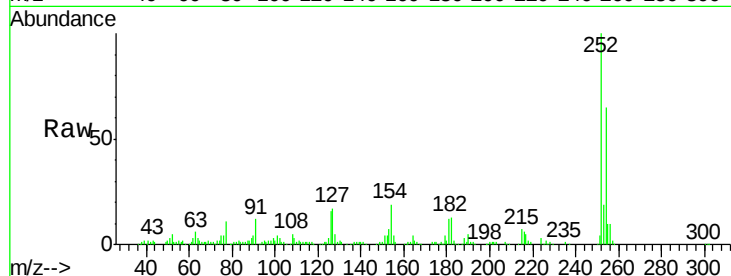
#81
 3,3'-Dichlorobenzidine
 Concen: 21.23 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	53.5	80.3
126	15.7	4.9	7.3

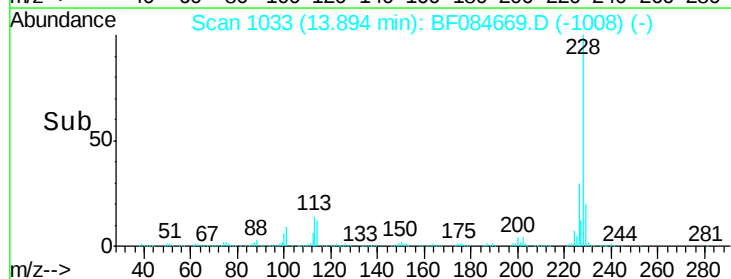
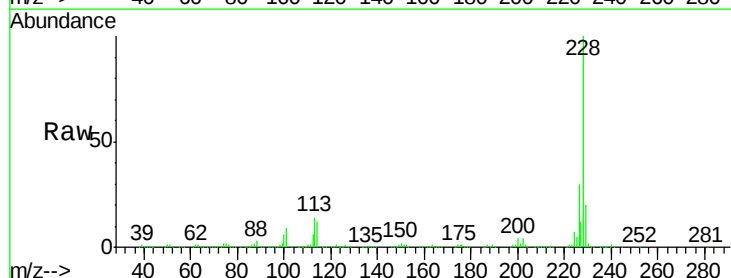
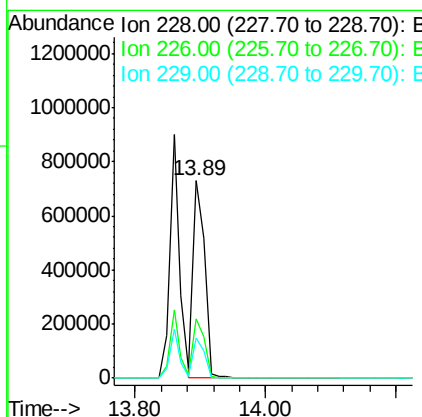
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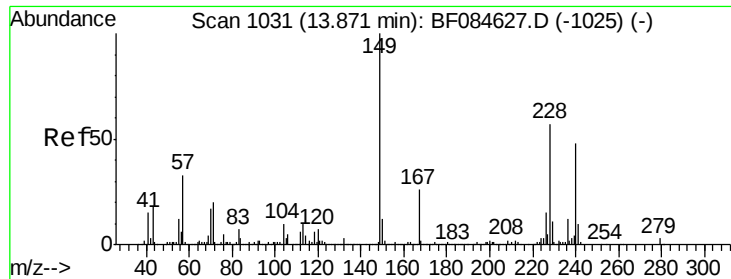
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#82
 Chrysene
 Concen: 34.79 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.3	36.5
229	20.4	16.1	24.1





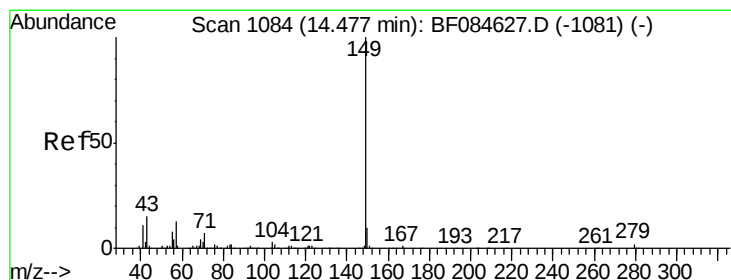
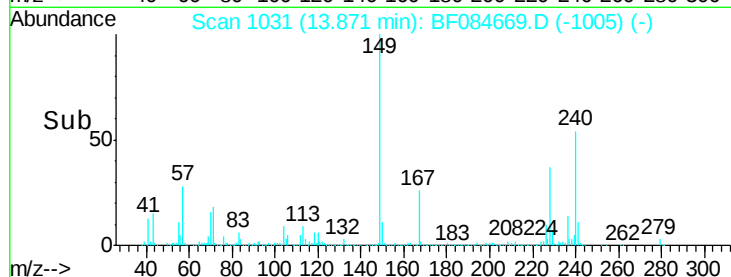
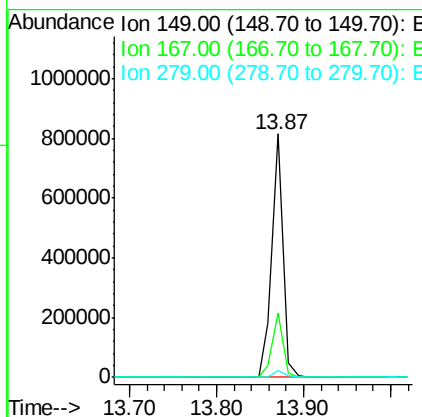
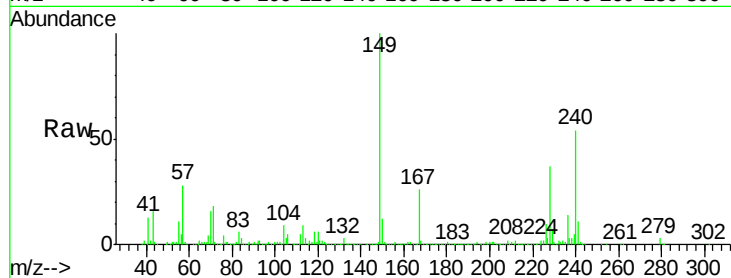
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.98 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.7	29.5
279	2.8	1.8	2.6

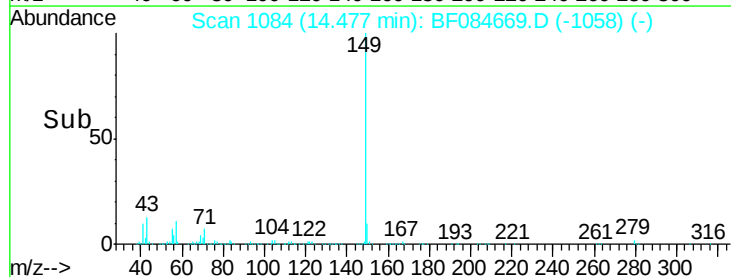
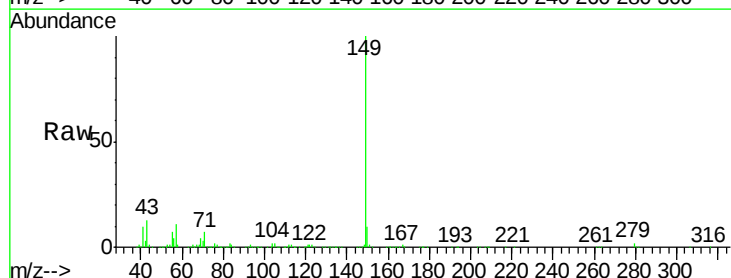
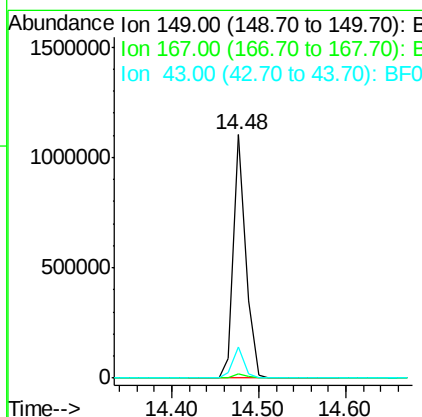
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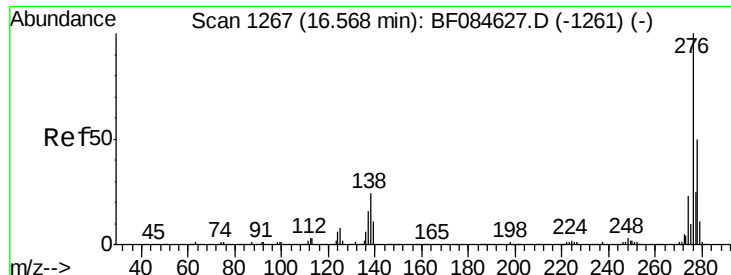
mohammad
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#84
Di-n-octyl phthalate
Concen: 39.47 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	5.6	8.4





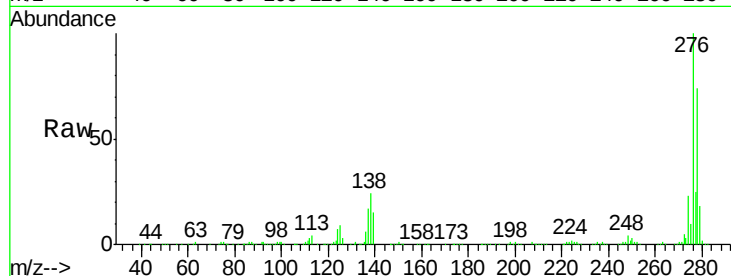
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.03 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

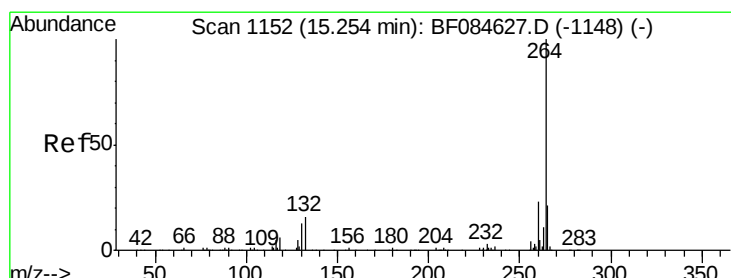
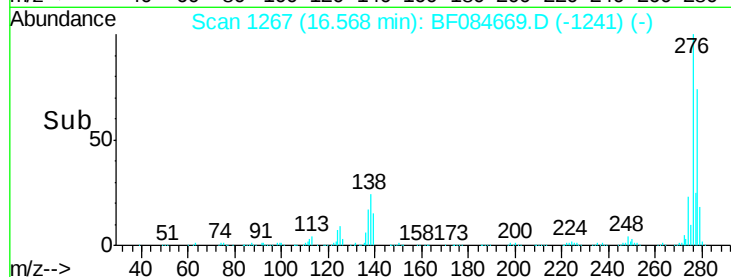
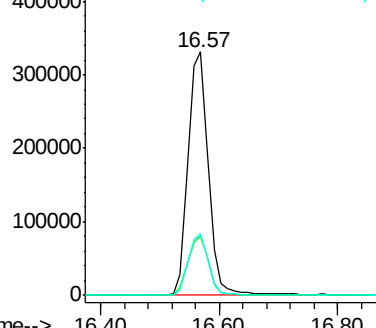
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.3	20.1	30.1

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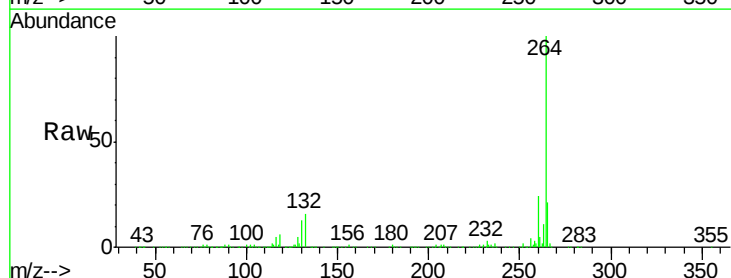


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

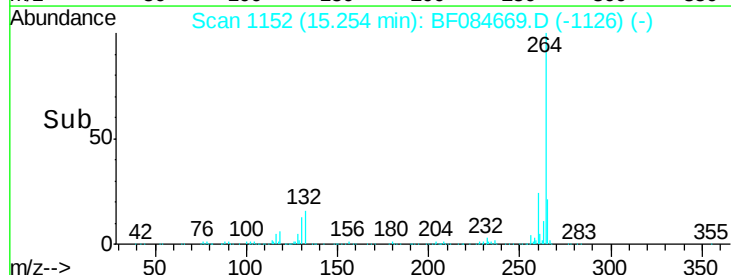
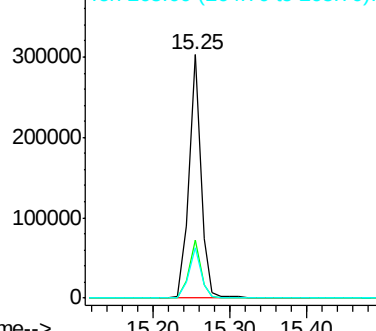


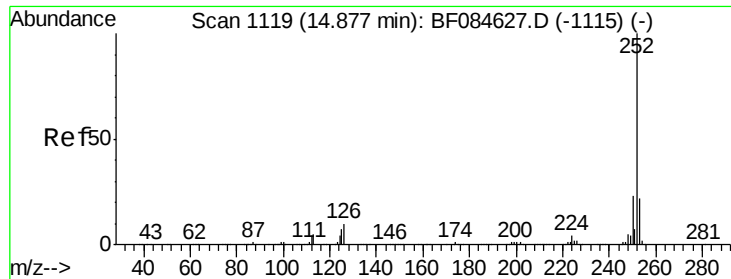
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.7	17.8	26.6



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





#87

Benzo(b)fluoranthene

Concen: 43.62 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

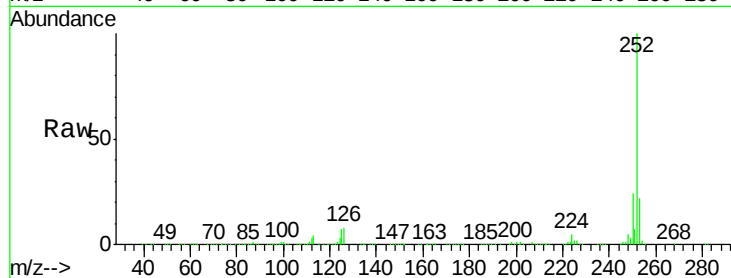
ClientSampleId :

SUP-B013(20-23)MS

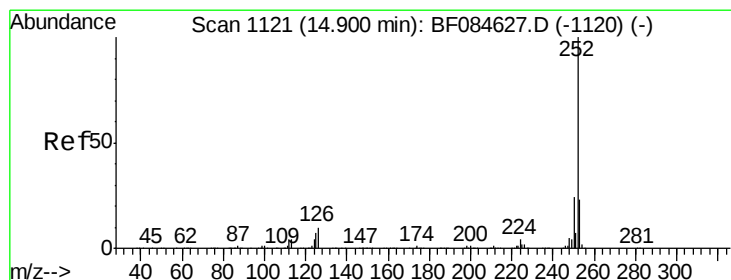
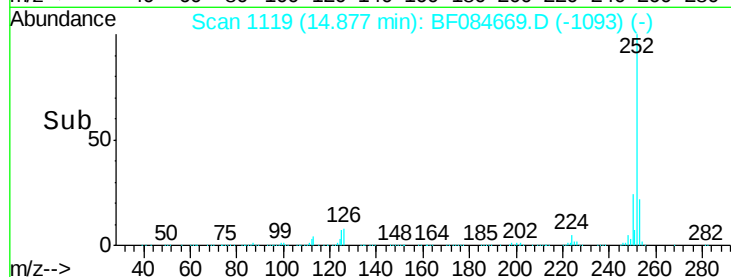
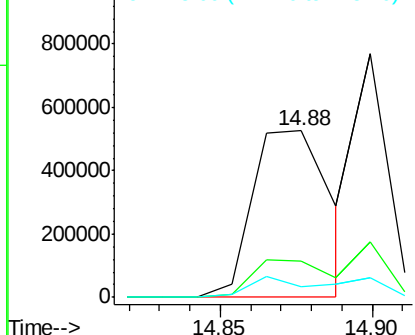
Tot Ion:	252	Resp:	943784
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	6.7	6.5	9.7

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



#88

Benzo(k)fluoranthene

Concen: 34.41 ng m

RT: 14.90 min Scan# 1121

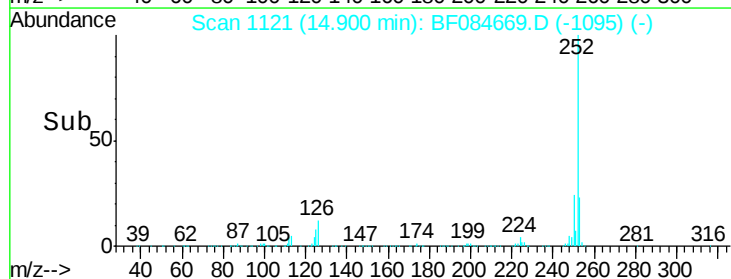
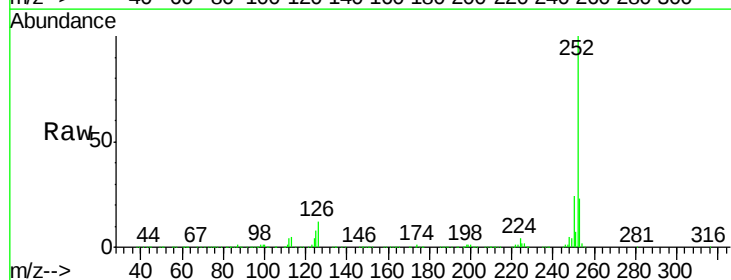
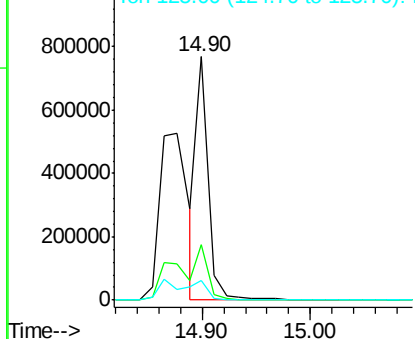
Delta R.T. -0.00 min

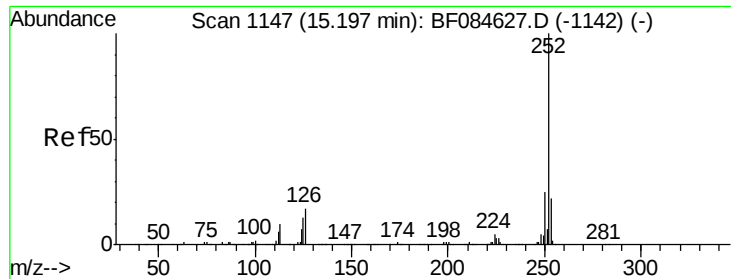
Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:	252	Resp:	614971
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	8.1	9.0	13.6#

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





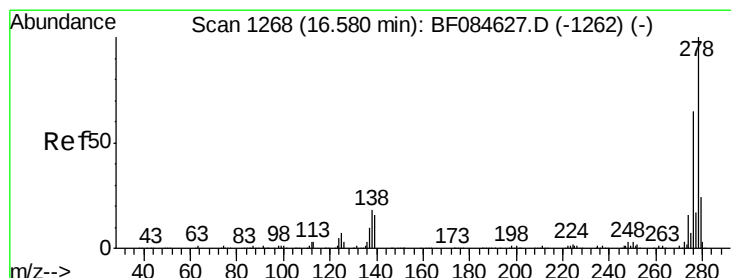
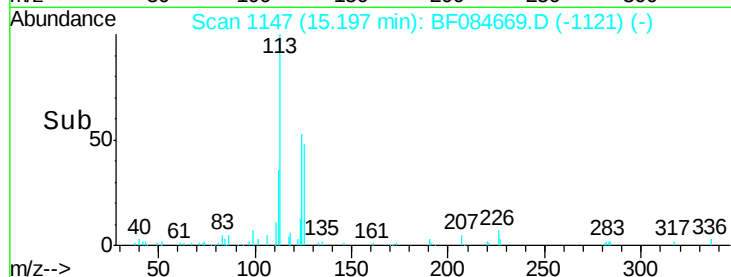
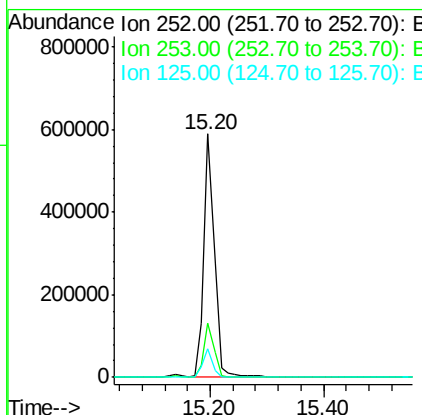
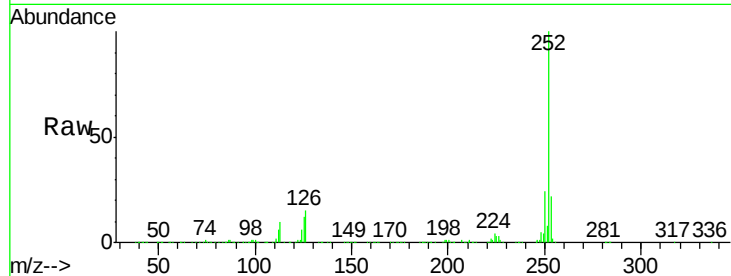
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.8	7.0	10.4

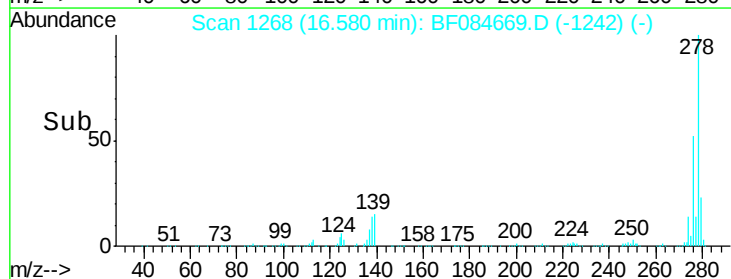
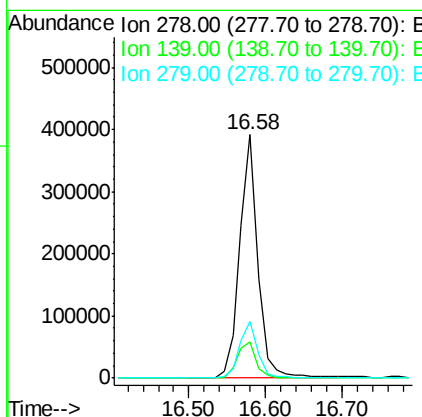
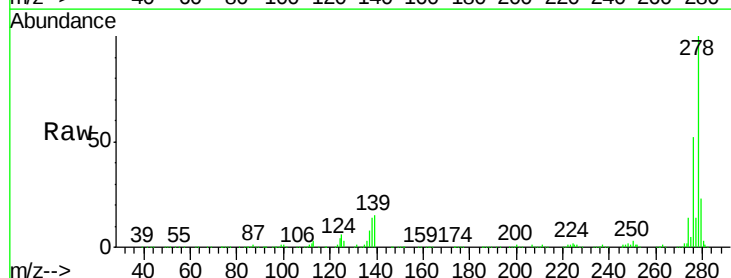
Manual Integrations
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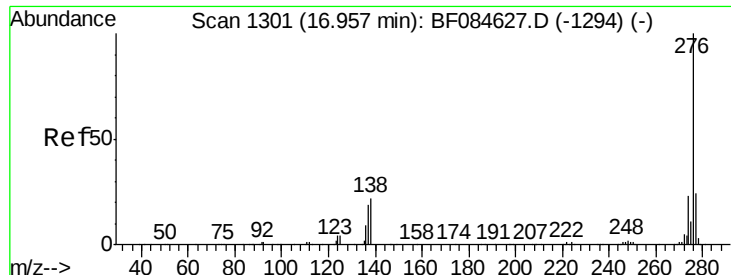
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#90
Dibenzo(a,h)anthracene
Concen: 38.60 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.0	22.4
279	23.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 40.32 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

Tot Ion:	276	Resp:	686551
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.3	17.8	26.6

Manual Integrations
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