

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF083000.D
 Acq On : 18 Nov 2015 7:52
 Operator : UM/IZ
 Sample : G4366-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:26:00 AM

Quant Time: Nov 18 15:33:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165163	20.00	ng	0.01
21) Naphthalene-d8	8.04	136	673050	20.00	ng	0.02
38) Acenaphthene-d10	9.79	164	311033	20.00	ng	0.01
63) Phenanthrene-d10	11.28	188	623248	20.00	ng	0.02
75) Chrysene-d12	13.91	240	476209	20.00	ng	0.01
86) Perylene-d12	15.30	264	587482	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1376538	129.68	ng	0.05
7) Phenol-d6	6.42	99	1688657	119.66	ng	0.02
23) Nitrobenzene-d5	7.32	82	1194955	77.25	ng	0.01
41) 2,4,6-Tribromophenol	10.59	330	479962	134.58	ng	0.02
44) 2-Fluorobiphenyl	9.13	172	2123324	97.84	ng	0.02
78) Terphenyl-d14	12.87	244	1972636	98.25	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	210130	45.88	ng	# 82
3) Pyridine	3.10	79	470943m	35.43	ng	
4) n-Nitrosodimethylamine	3.02	42	268351	40.71	ng	# 70
6) Aniline	6.42	93	333731	16.84	ng	# 1
8) 2-Chlorophenol	6.54	128	489671	41.61	ng	83
9) Benzaldehyde	6.29	77	275297	35.31	ng	92
10) Phenol	6.43	94	663345	41.43	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	599243	50.04	ng	86
12) 1,3-Dichlorobenzene	6.69	146	540036m	40.69	ng	
13) 1,4-Dichlorobenzene	6.77	146	588924	42.65	ng	93
14) 1,2-Dichlorobenzene	6.92	146	471407	37.54	ng	94
15) Benzyl Alcohol	6.91	79	509073	41.08	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	856105	48.74	ng	93
17) 2-Methylphenol	7.02	107	423646	42.50	ng	99
18) Hexachloroethane	7.26	117	200208	40.54	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	415954	40.10	ng	92
20) 3+4-Methylphenols	7.18	107	534394	41.24	ng	# 60
22) Acetophenone	7.17	105	763643	39.60	ng	# 96
24) Nitrobenzene	7.34	77	612755	38.74	ng	91
25) Isophorone	7.58	82	1133324	39.60	ng	97
26) 2-Nitrophenol	7.65	139	260999	39.53	ng	# 76
27) 2,4-Dimethylphenol	7.71	122	501763	42.29	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	741100	45.91	ng	99
29) 2,4-Dichlorophenol	7.90	162	446350	41.63	ng	90
30) 1,2,4-Trichlorobenzene	7.98	180	487588	40.44	ng	97
31) Naphthalene	8.06	128	1542532	41.54	ng	99
32) Benzoic acid	7.84	122	256677	31.60	ng	88
33) 4-Chloroaniline	8.11	127	260437	16.27	ng	94
34) Hexachlorobutadiene	8.19	225	300919	39.88	ng	99
35) Caprolactam	8.49	113	117155m	34.66	ng	
36) 4-Chloro-3-methylphenol	8.61	107	514305	40.79	ng	# 86
37) 2-Methylnaphthalene	8.75	142	935252	38.93	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	436883	42.74	ng	97
40) Hexachlorocyclopentadiene	8.91	237	414481	75.48	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	321789	42.18	ng	99
43) 2,4,5-Trichlorophenol	9.08	196	336209	44.56	ng #	89
45) 1,1'-Biphenyl	9.22	154	1130918	42.37	ng	95
46) 2-Chloronaphthalene	9.24	162	945535	45.42	ng	98
47) 2-Nitroaniline	9.34	65	366906	47.51	ng #	56
48) Acenaphthylene	9.65	152	1614230	49.48	ng	99
49) Dimethylphthalate	9.53	163	1065602	41.82	ng	100
50) 2,6-Dinitrotoluene	9.58	165	251031	46.17	ng	95
51) Acenaphthene	9.82	154	954902	46.18	ng	99
52) 3-Nitroaniline	9.76	138	196312	32.83	ng #	65
53) 2,4-Dinitrophenol	9.86	184	202935	67.98	ng #	22
54) Dibenzofuran	10.01	168	1300088	46.63	ng #	84
55) 4-Nitrophenol	9.94	139	372990	81.30	ng	88
56) 2,4-Dinitrotoluene	9.98	165	318208	43.13	ng	90
57) Fluorene	10.34	166	990706	43.88	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257766	41.86	ng #	90
59) Diethylphthalate	10.24	149	1119505	44.99	ng	96
60) 4-Chlorophenyl-phenylether	10.34	204	497765	44.06	ng	94
61) 4-Nitroaniline	10.37	138	271174	45.09	ng #	74
62) Azobenzene	10.50	77	1331254	49.81	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	151755	34.18	ng #	63
65) n-Nitrosodiphenylamine	10.46	169	946579	42.04	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	317422	42.30	ng	98
67) Hexachlorobenzene	10.89	284	339058	40.46	ng #	88
68) Atrazine	10.99	200	283449	40.71	ng	98
69) Pentachlorophenol	11.09	266	383839	75.43	ng	99
70) Phenanthrene	11.30	178	1428032	39.46	ng	99
71) Anthracene	11.36	178	1711106	44.88	ng	99
72) Carbazole	11.50	167	1336784	40.06	ng	99
73) Di-n-butylphthalate	11.85	149	1603286	38.56	ng	99
74) Fluoranthene	12.49	202	1751611	45.10	ng	97
76) Benzidine	12.61	184	668667	41.90	ng	97
77) Pyrene	12.72	202	1727933	52.84	ng	99
79) Butylbenzylphthalate	13.35	149	841070	58.21	ng #	85
80) Benzo(a)anthracene	13.89	228	1451776	48.75	ng	98
81) 3,3'-Dichlorobenzidine	13.87	252	323498	30.56	ng #	96
82) Chrysene	13.94	228	1468534	53.84	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1021164	51.64	ng	99
84) Di-n-octyl phthalate	14.52	149	2394678	72.60	ng	96
85) Indeno(1,2,3-cd)pyrene	16.65	276	1501351	63.91	ng #	93
87) Benzo(b)fluoranthene	14.91	252	1947059m	51.63	ng	
88) Benzo(k)fluoranthene	14.95	252	1097831m	32.82	ng	
89) Benzo(a)pyrene	15.25	252	1434347	43.90	ng	97
90) Dibenzo(a,h)anthracene	16.66	278	1241295	44.87	ng #	97
91) Benzo(g,h,i)perylene	17.05	276	1232029	46.49	ng	97

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

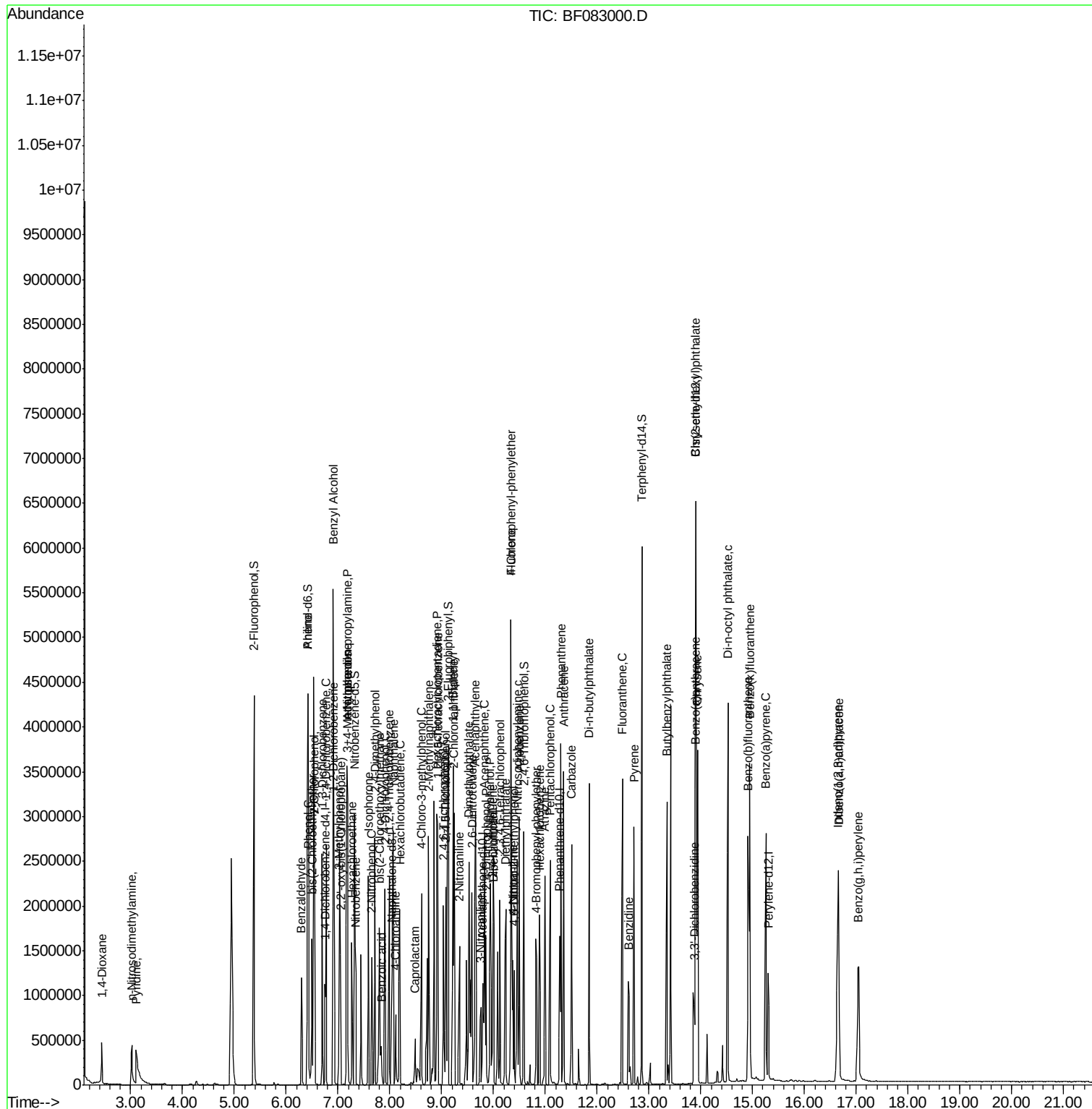
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\  
Data File : BF083000.D  
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Operator  : UM/IZ  
Sample    : G4366-02MS  
Misc      :  
ALS Vial  : 29    Sample Multiplier: 1
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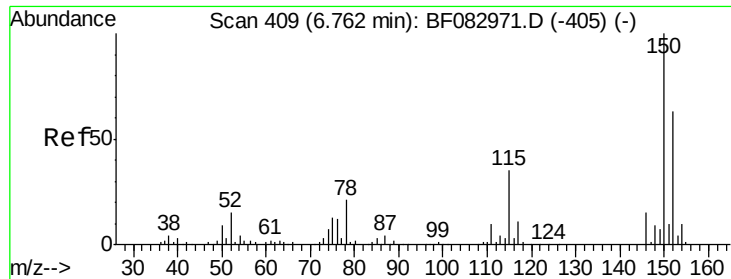
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

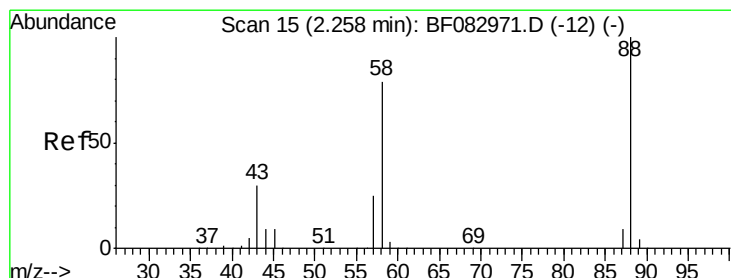
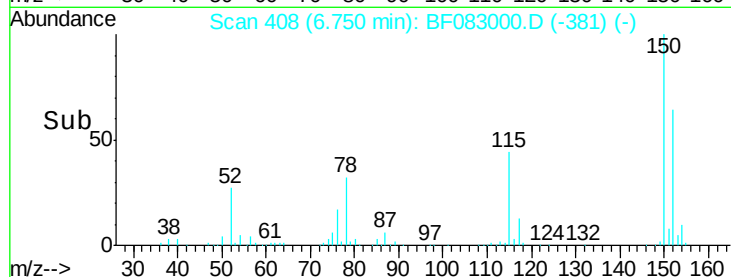
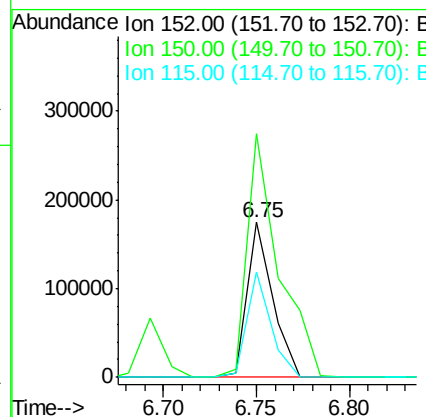
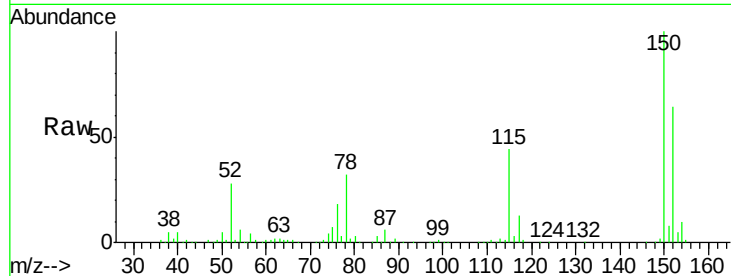
ClientSampleId :

COMP-1MS

Tgt Ion:	152	Resp:	165163
Ion Ratio	Lower	Upper	
152	100		
150	157.3	127.0	190.4
115	68.4	47.0	70.6

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#2

1,4-Dioxane

Concen: 45.88 ng

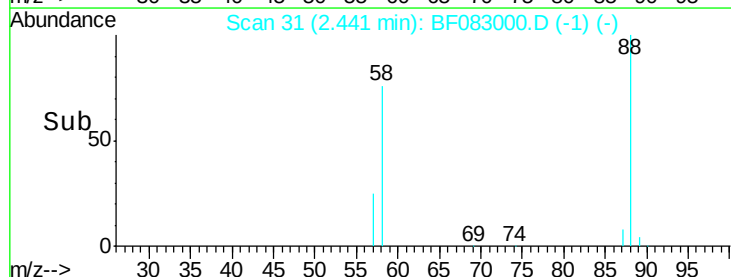
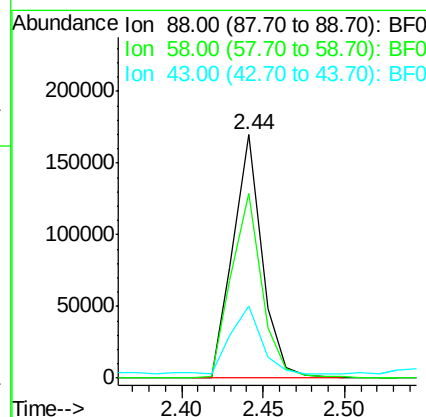
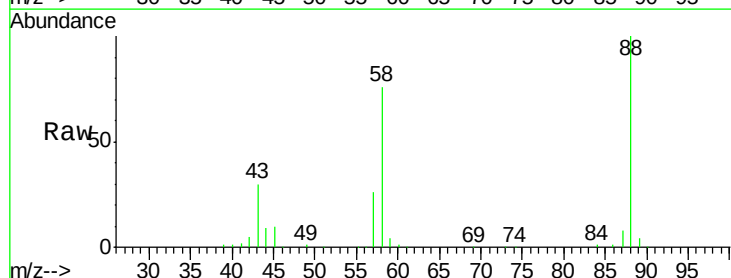
RT: 2.44 min Scan# 31

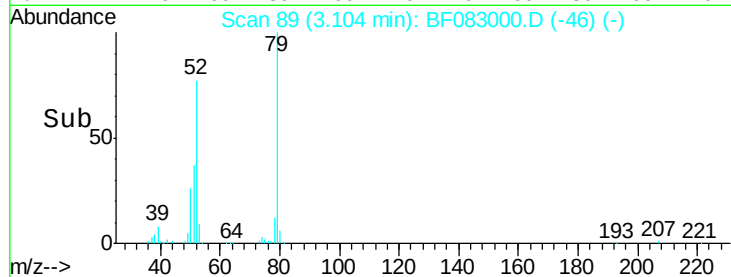
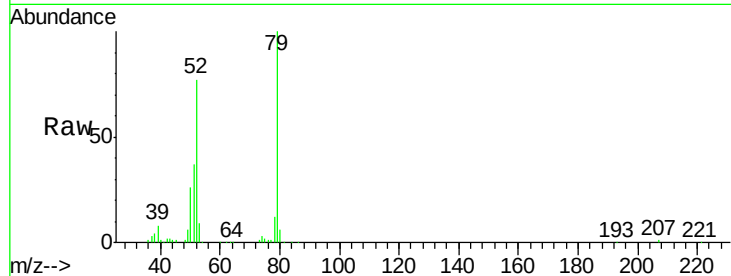
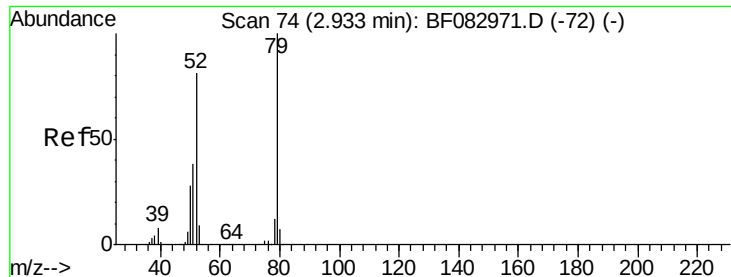
Delta R.T. 0.21 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	88	Resp:	210130
Ion Ratio	Lower	Upper	
88	100		
58	78.2	62.0	93.0
43	0.0	26.6	40.0#





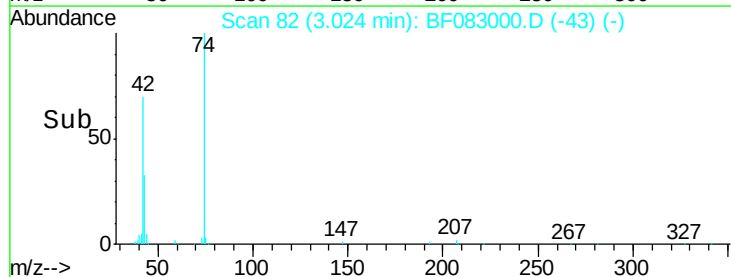
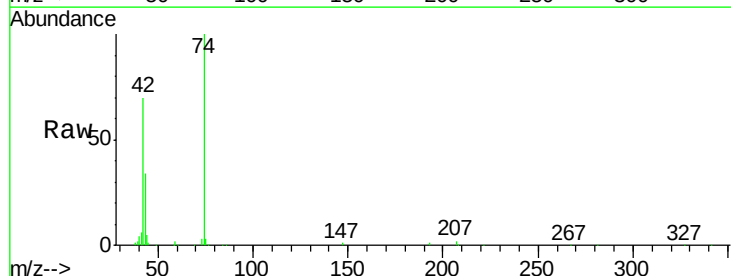
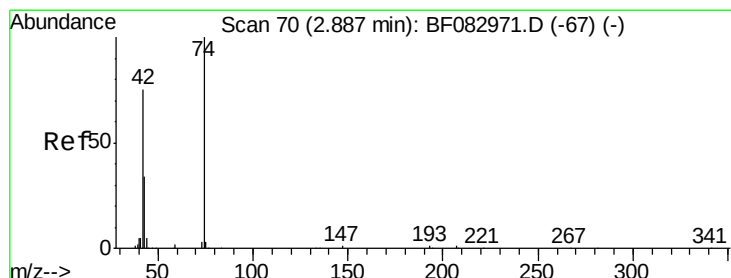
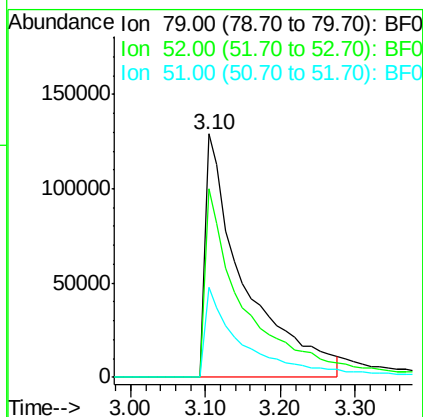
#3
 Pyridine
 Concen: 35.43 ng m
 RT: 3.10 min Scan# 89
 Delta R.T. 0.19 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
79	100		
52	77.4	62.8	94.2
51	36.8	32.0	48.0

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 COMP-1MS

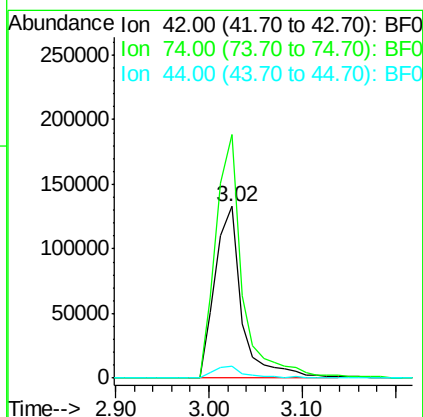
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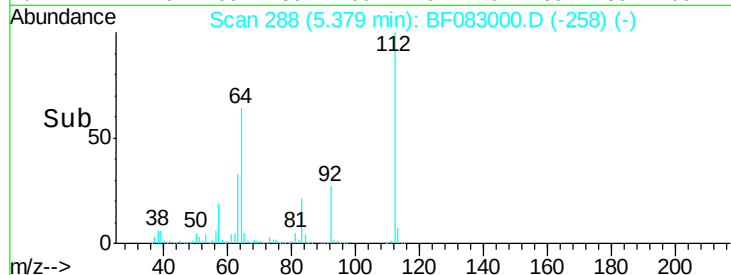
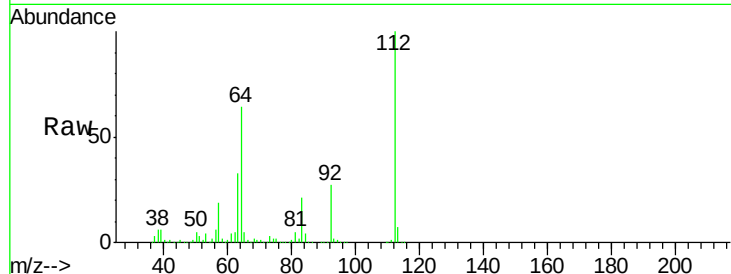
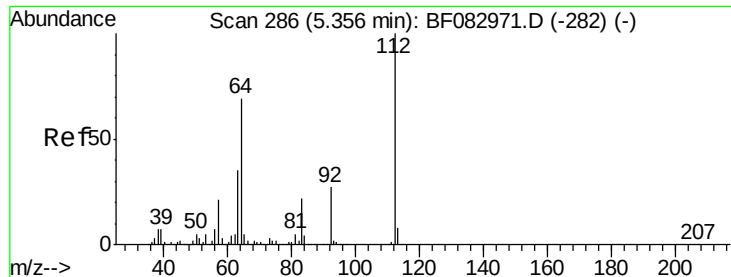
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#4
 n-Nitrosodimethylamine
 Concen: 40.71 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.15 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.9	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 129.68 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.05 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

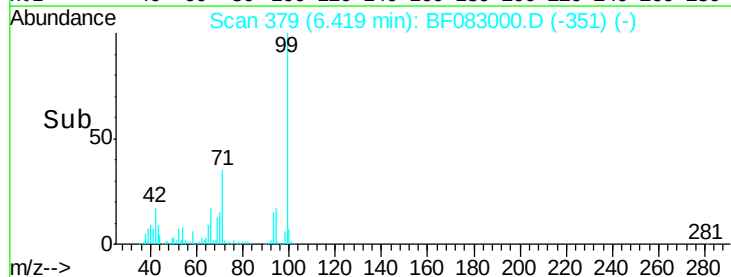
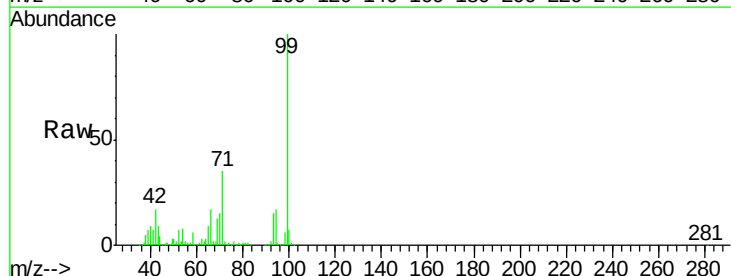
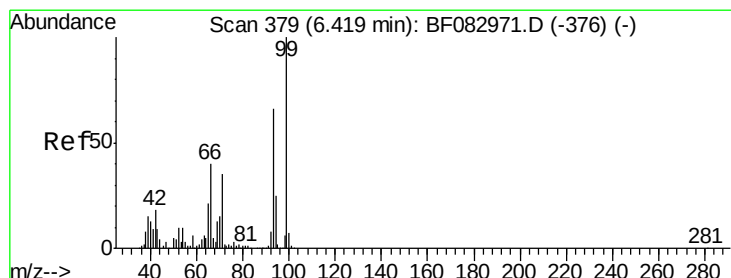
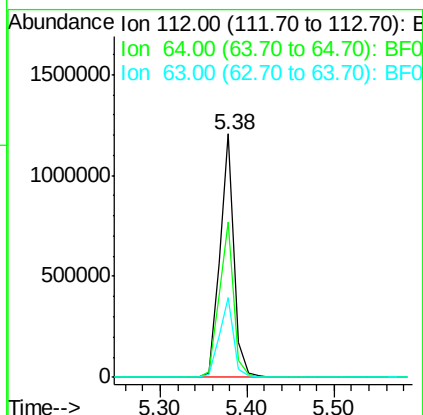
ClientSampleId :

COMP-IMS

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Tgt Ion:	112	Resp:	1376538
Ion	Ratio	Lower	Upper
112	100		
64	63.5	48.9	73.3
63	32.7	28.1	42.1



#6

Aniline

Concen: 16.84 ng

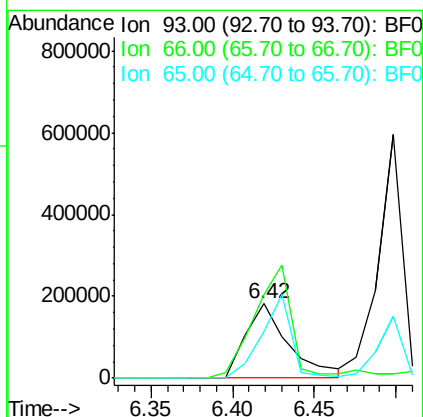
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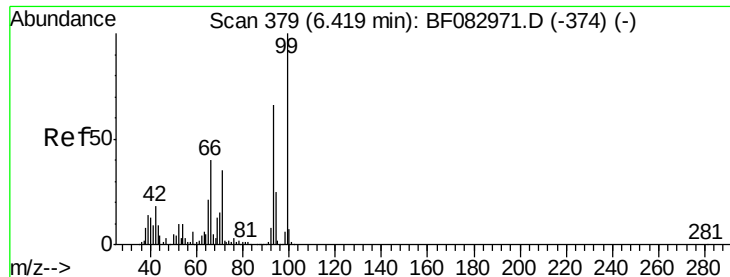
Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	93	Resp:	333731
Ion	Ratio	Lower	Upper
93	100		
66	113.6	33.6	50.4#
65	62.2	18.1	27.1#





#7

Phenol-d6

Concen: 119.66 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-IMS

Tgt Ion: 99 Resp: 1688657

Ion Ratio Lower Upper

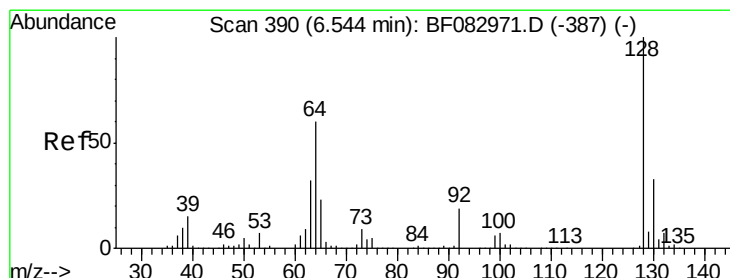
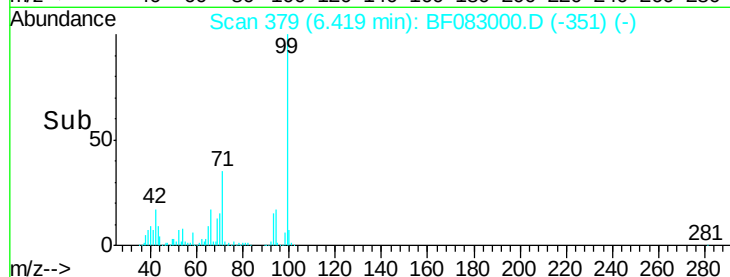
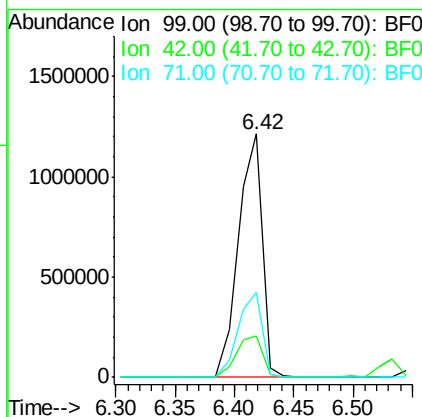
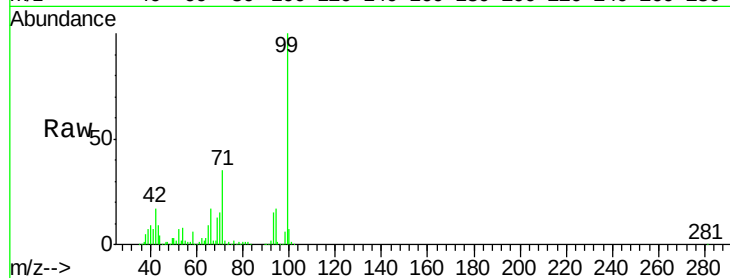
99 100

42 17.2 19.2 28.8#

71 34.7 35.0 52.4#

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#8

2-Chlorophenol

Concen: 41.61 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

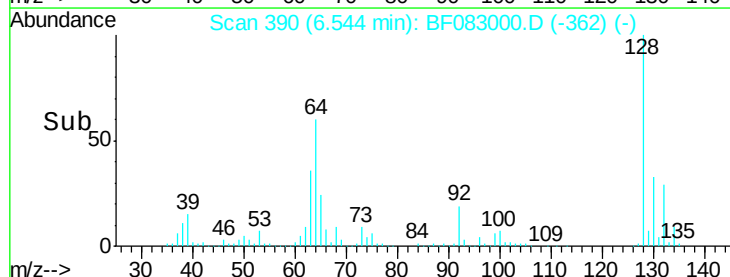
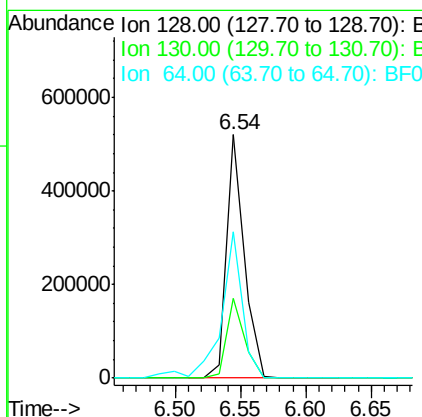
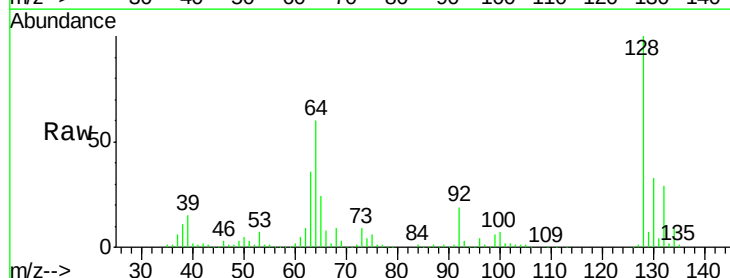
Tgt Ion: 128 Resp: 489671

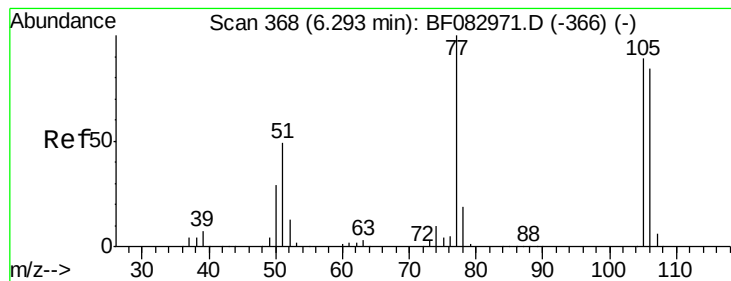
Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

64 60.2 21.1 61.1





#9

Benzaldehyde

Concen: 35.31 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

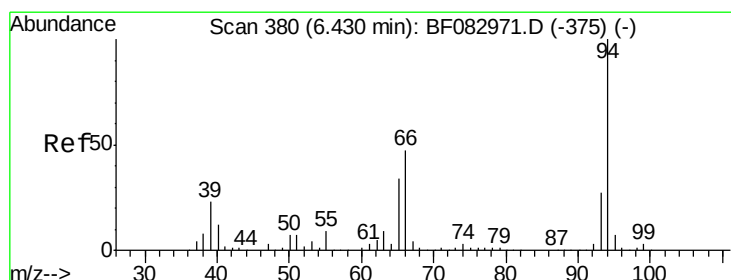
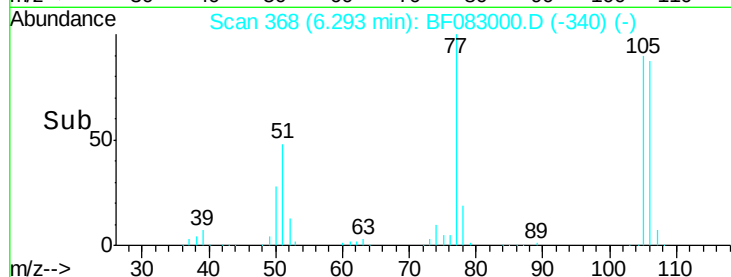
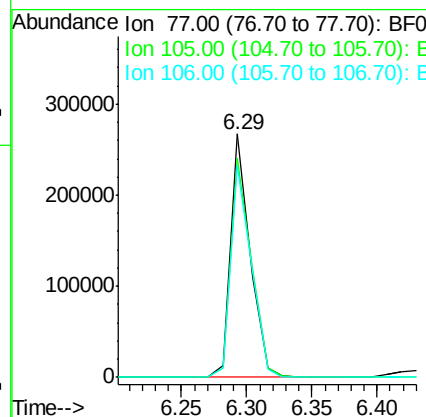
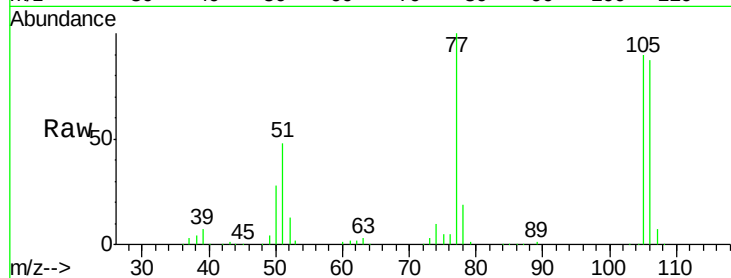
ClientSampleId :

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Tgt Ion:	77	Resp:	275297
Ion	Ratio	Lower	Upper
77	100		
105	90.2	63.5	103.5
106	86.8	59.3	99.3

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#10

Phenol

Concen: 41.43 ng

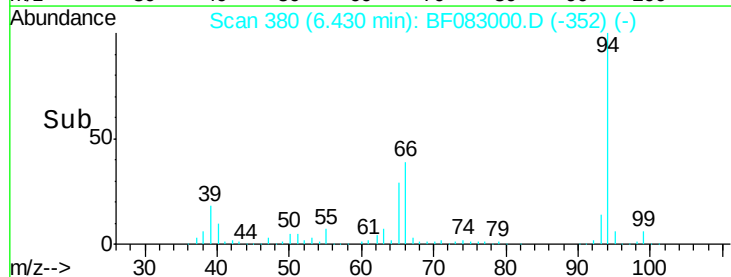
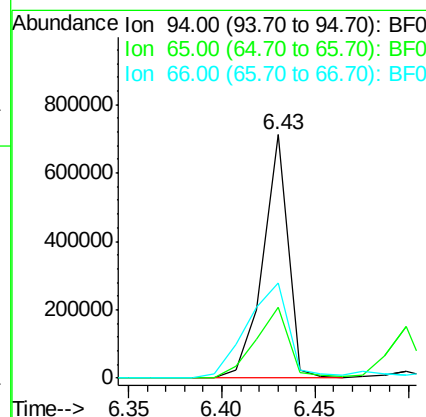
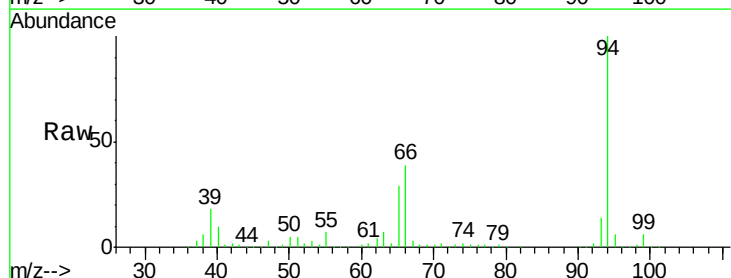
RT: 6.43 min Scan# 380

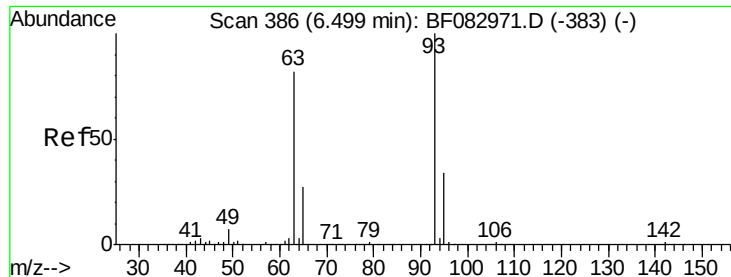
Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	94	Resp:	663345
Ion	Ratio	Lower	Upper
94	100		
65	28.8	18.9	58.9
66	39.0	34.9	74.9





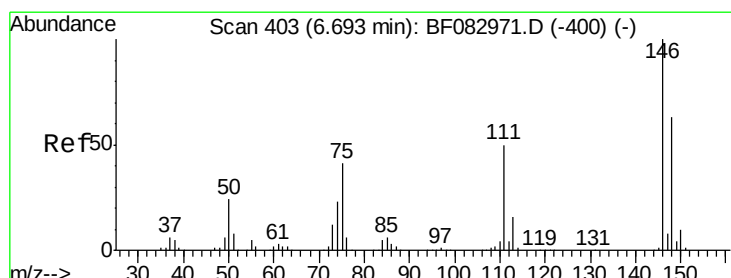
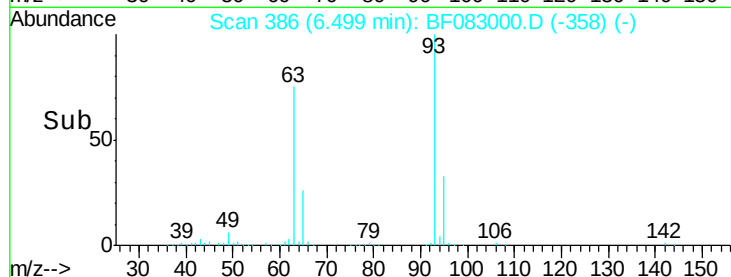
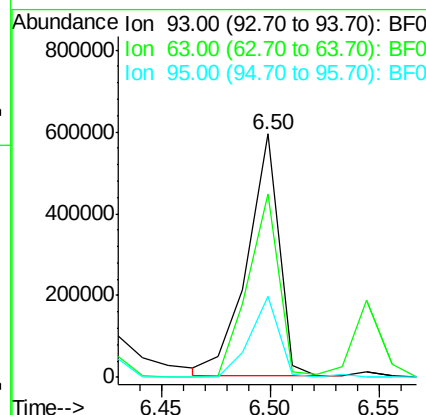
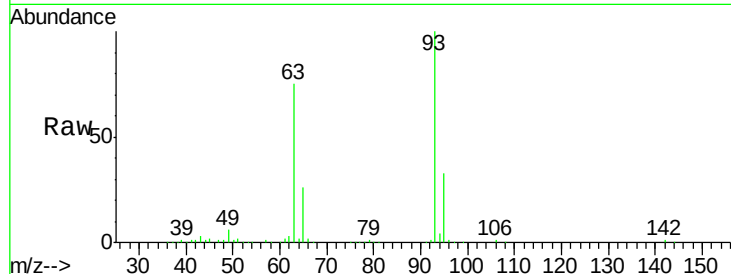
#11
 bis(2-Chloroethyl)ether
 Concen: 50.04 ng
 RT: 6.50 min Scan# 386
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	599243		
63	75.2	72.7	112.7	
95	33.1	12.0	52.0	

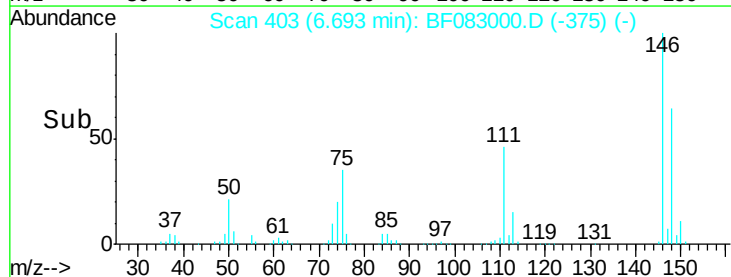
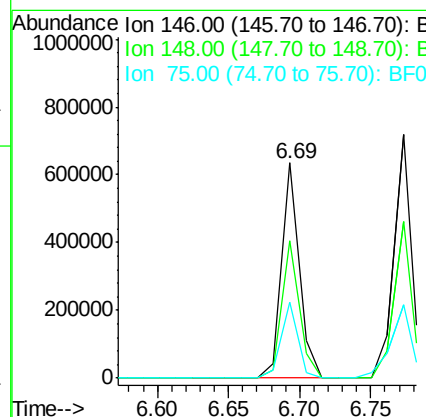
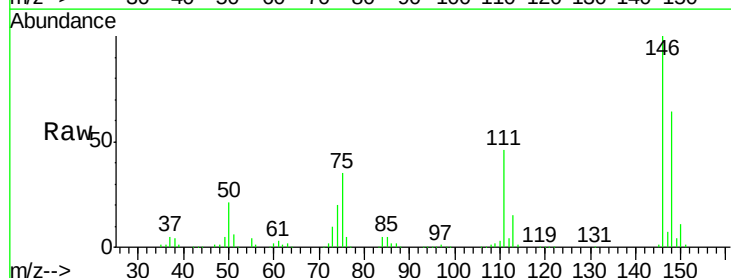
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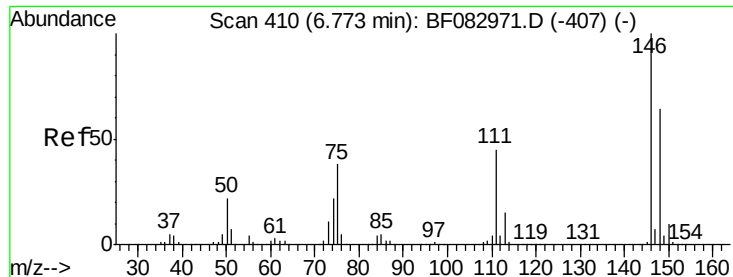
mohammad
 11/19/2015 8:26:00 AM



#12
 1,3-Dichlorobenzene
 Concen: 40.69 ng m
 RT: 6.69 min Scan# 403
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	540036		
148	63.7	50.5	75.7	
75	35.1	39.5	59.3#	





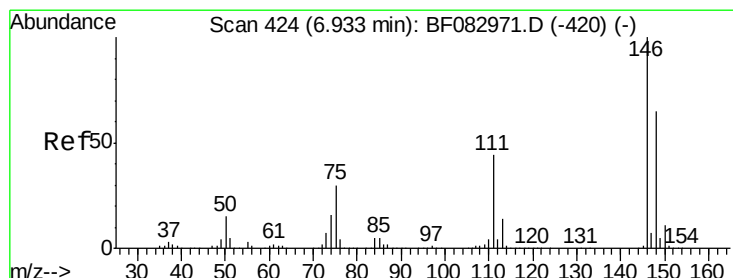
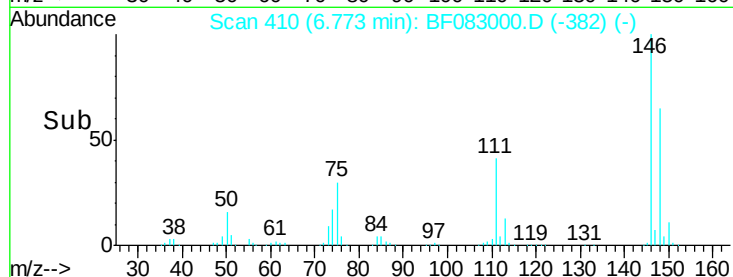
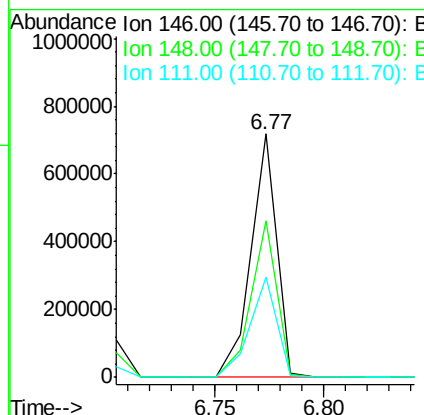
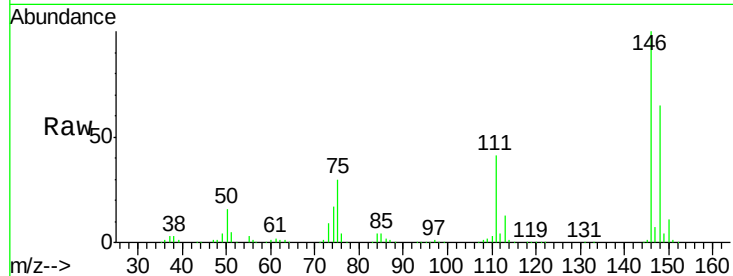
#13
 1,4-Dichlorobenzene
 Concen: 42.65 ng
 RT: 6.77 min Scan# 410
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	588924		
148	64.5	50.8	76.2	
111	41.3	40.6	60.8	

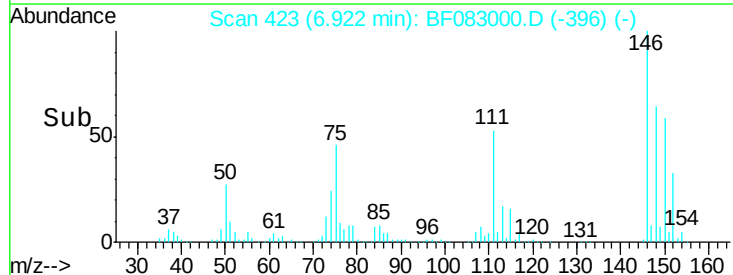
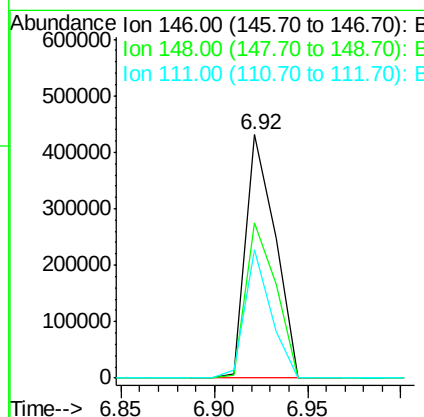
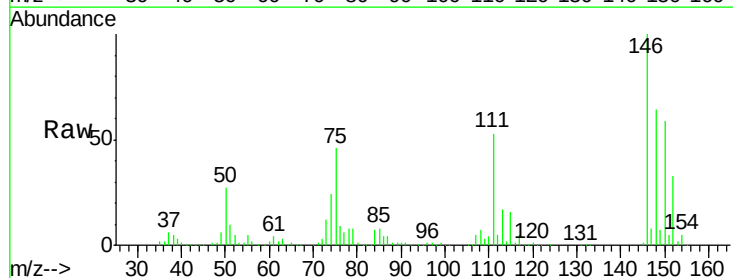
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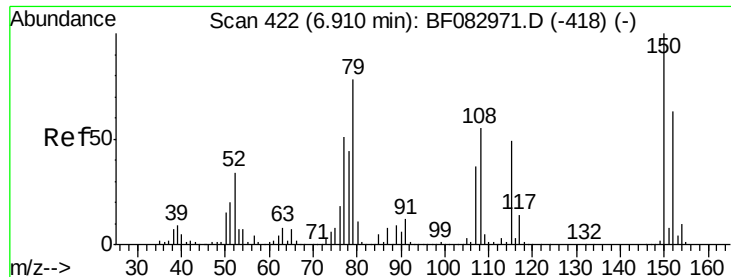
mohammad
 11/19/2015 8:26:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.54 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	471407		
148	63.5	52.2	78.4	
111	52.7	36.6	55.0	





#15

Benzyl Alcohol

Concen: 41.08 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

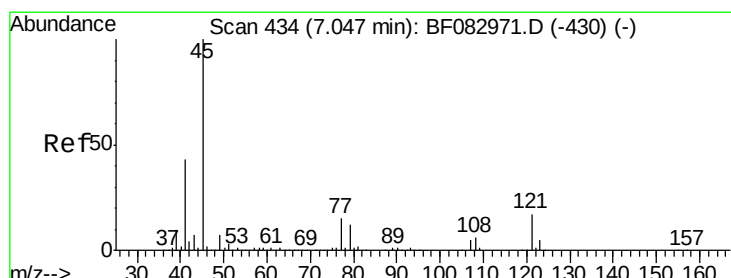
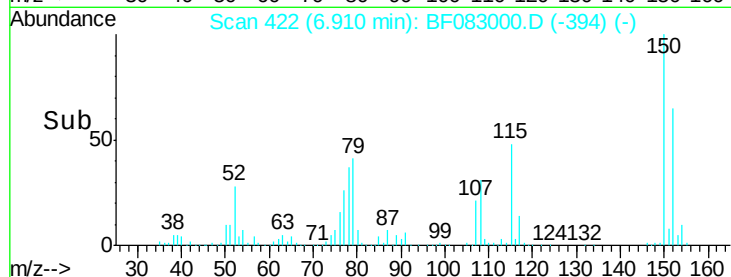
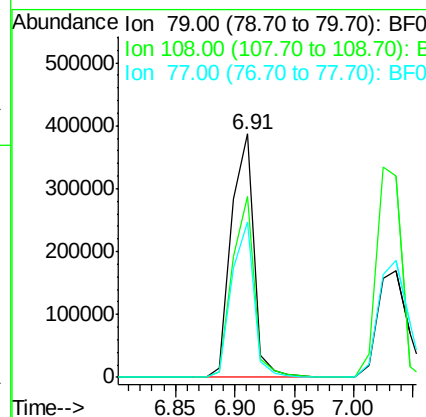
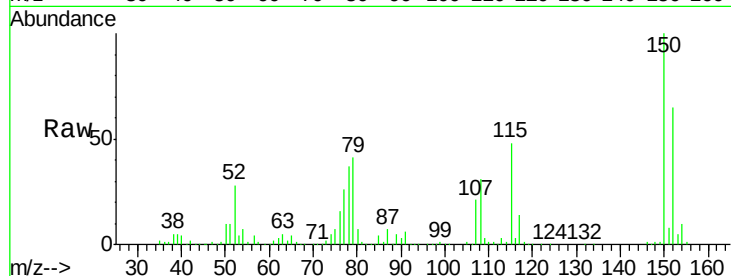
ClientSampled :

COMP-IMS

Tgt Ion:	79	Resp:	509073
Ion Ratio	Lower	Upper	
79	100		
108	74.3	52.2	78.4
77	63.8	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.74 ng

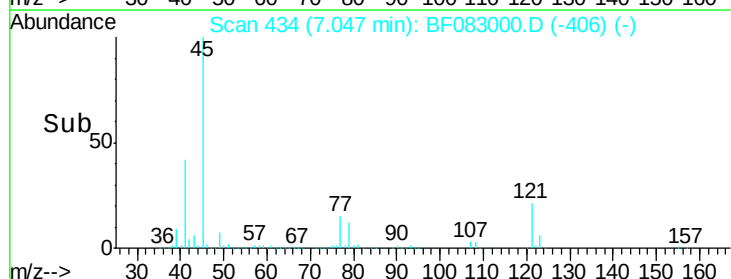
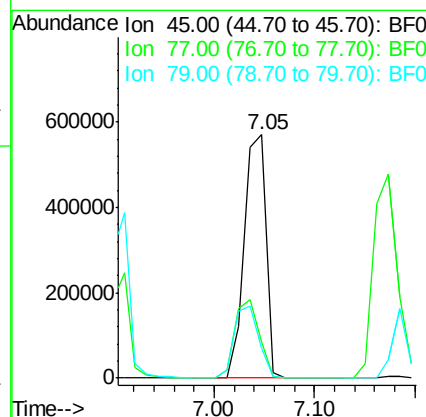
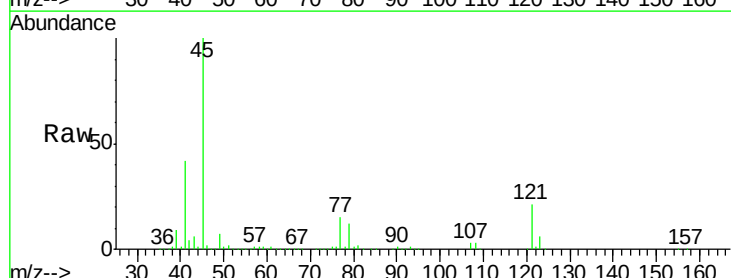
RT: 7.05 min Scan# 434

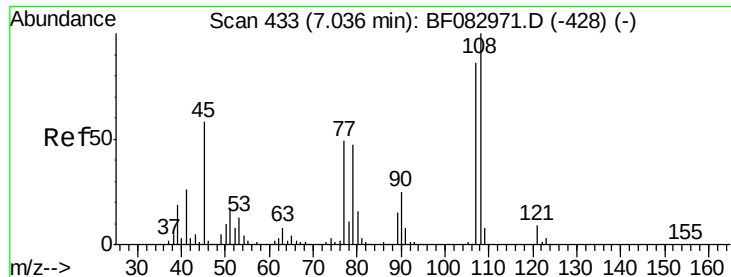
Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	45	Resp:	856105
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	32.6
79	12.4	0.0	29.2





#17

2-Methylphenol

Concen: 42.50 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

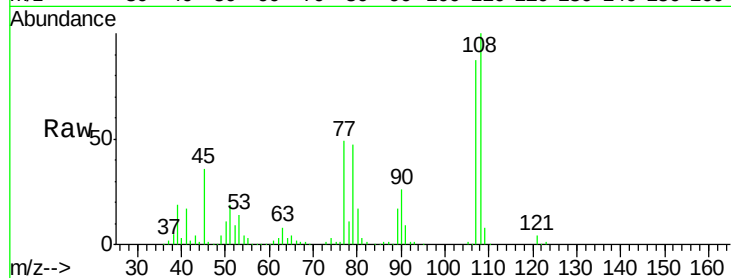
ClientSampleId :

COMP-IMS

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Tgt Ion:	107	Resp:	423646
Ion Ratio	Lower	Upper	
107	100		
108	114.9	93.0	139.4
77	56.3	44.1	66.1
79	54.3	43.6	65.4



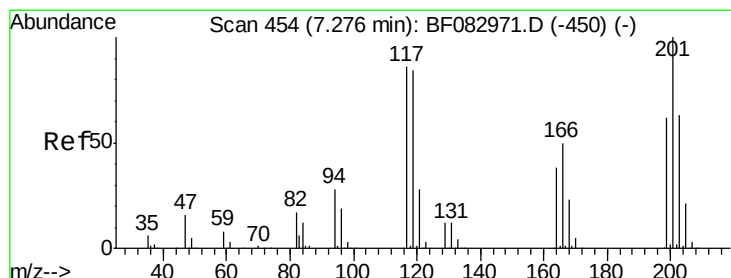
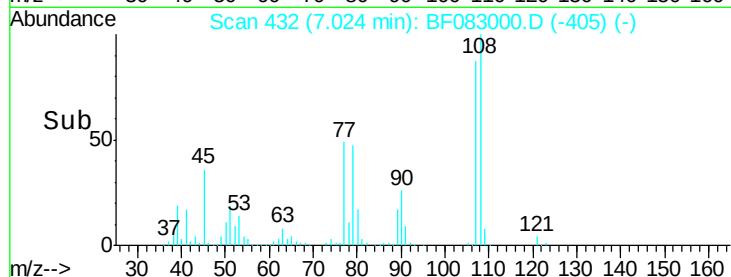
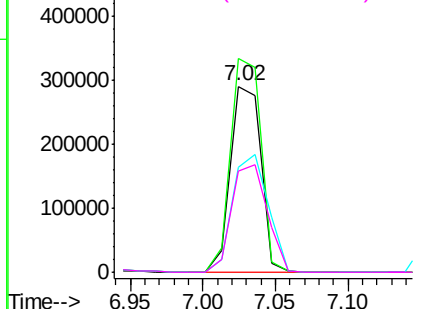
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.54 ng

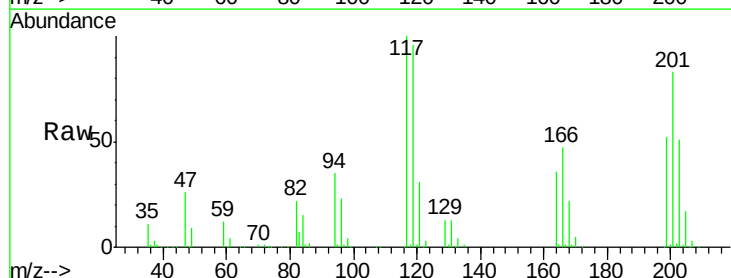
RT: 7.26 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	117	Resp:	200208
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.7	116.5
201	83.5	66.7	100.1

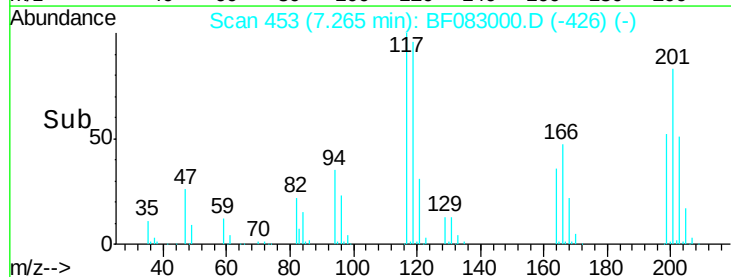
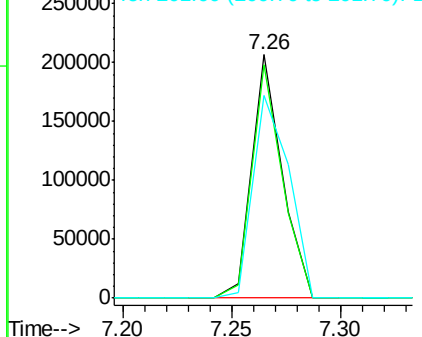


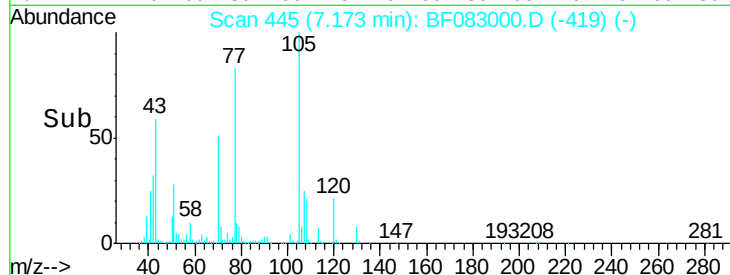
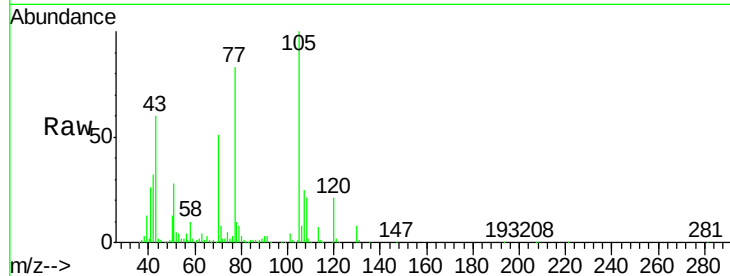
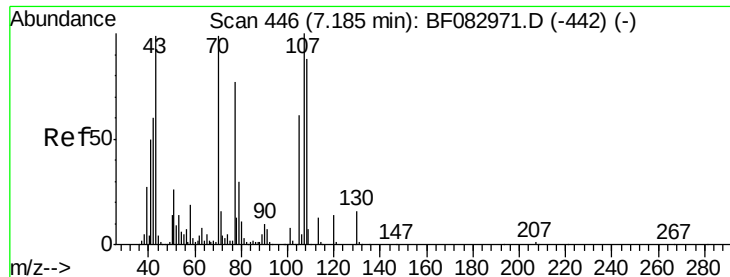
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





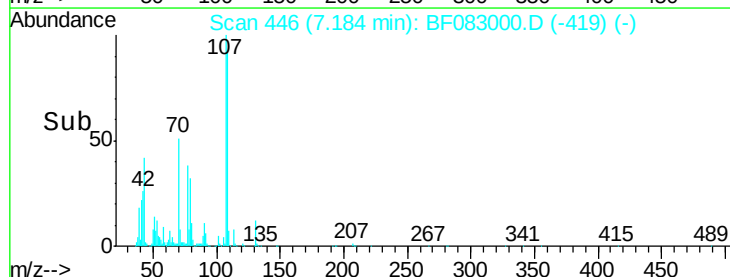
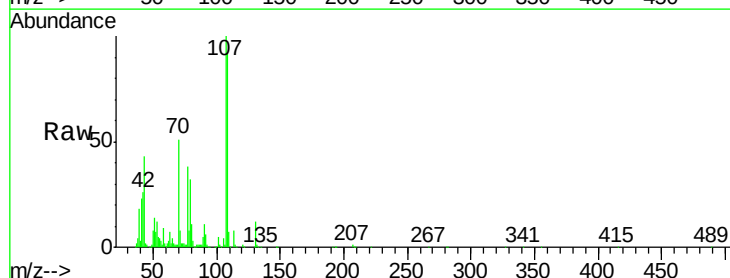
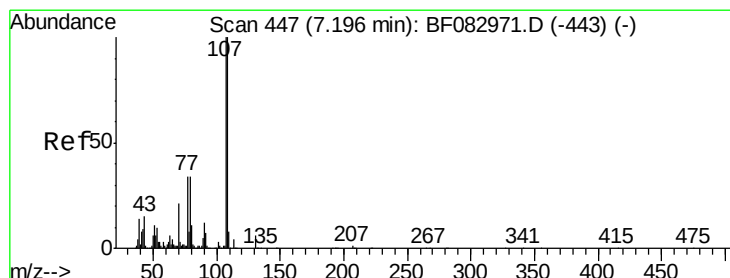
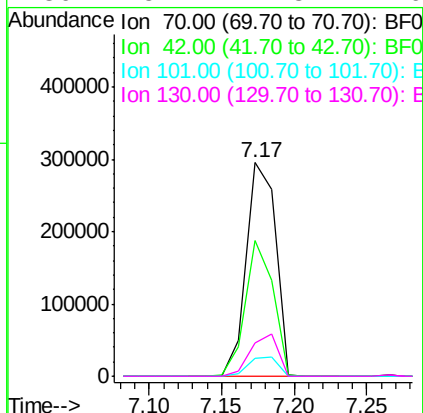
#19
n-Nitroso-di-n-propylamine
Concen: 40.10 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.3	57.7	86.5	
101	8.3	7.0	10.6	
130	15.7	11.8	17.6	

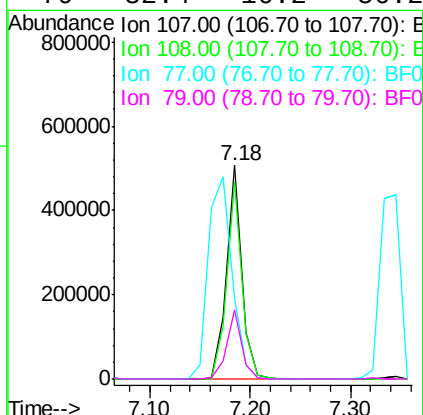
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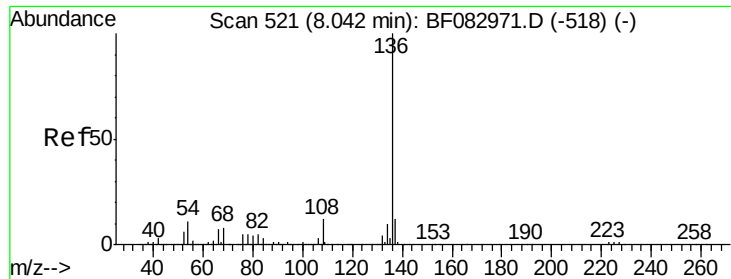
mohammad
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#20
3+4-Methylphenols
Concen: 41.24 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	67.3	107.3	
77	37.5	100.3	140.3	
79	32.4	16.2	56.2	





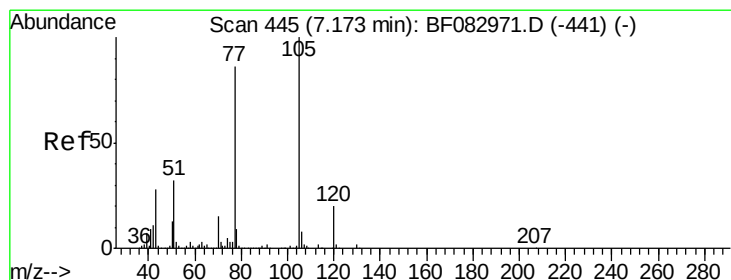
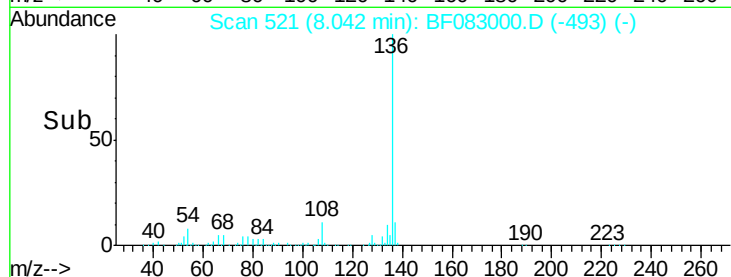
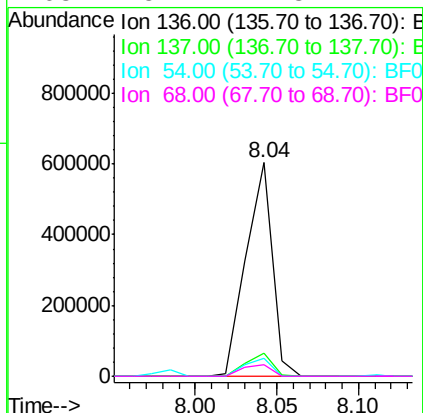
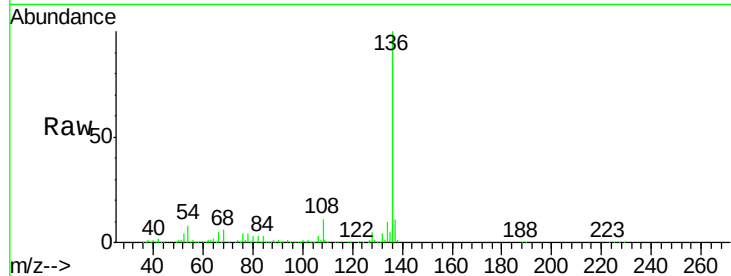
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		673050		
137	10.9	9.1	13.7		
54	8.4	9.1	13.7#		
68	5.7	4.8	7.2		

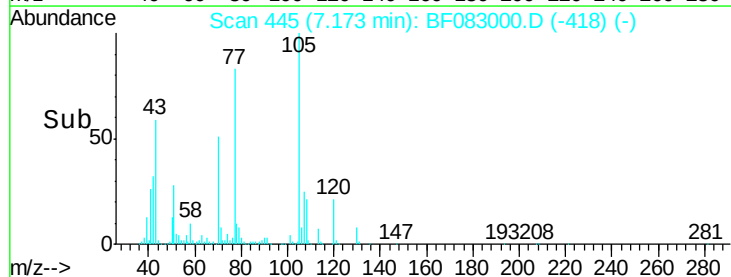
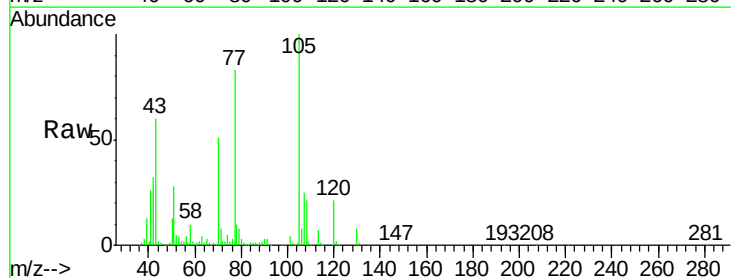
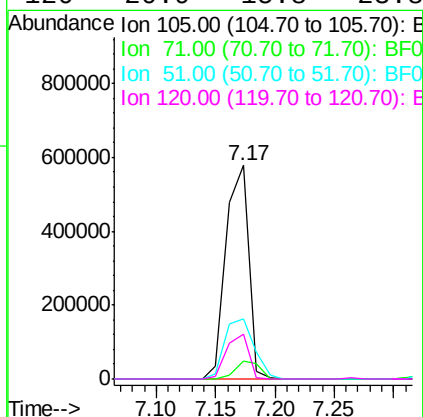
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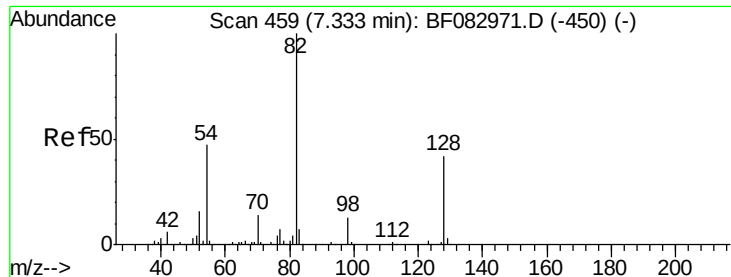
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#22
Acetophenone
Concen: 39.60 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		763643		
71	8.5	5.6	8.4#		
51	28.4	24.9	37.3		
120	20.9	15.8	23.8		





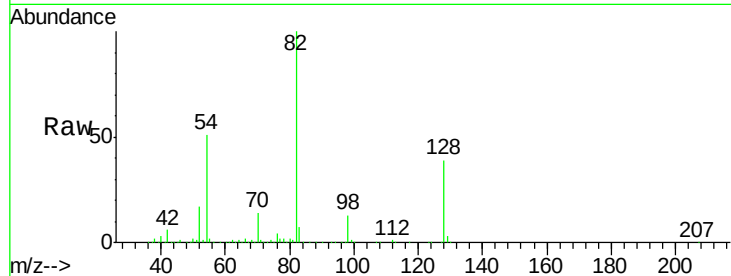
#23
 Nitrobenzene-d5
 Concen: 77.25 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

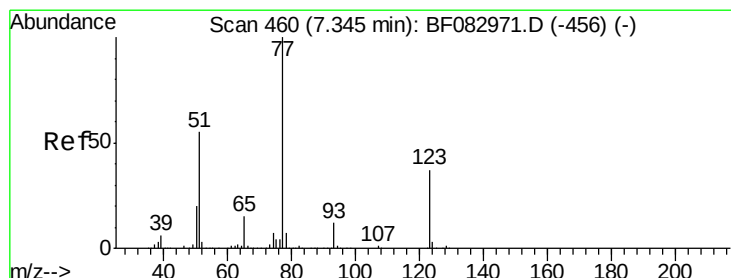
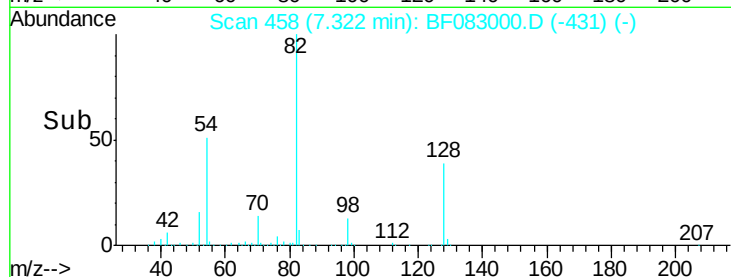
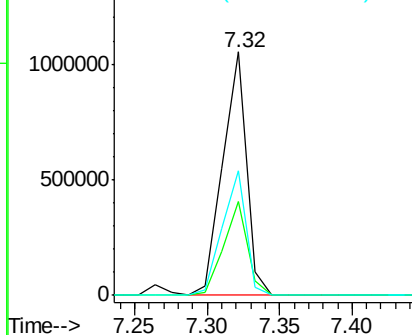
Tgt Ion: 82 Resp: 1194955
 Ion Ratio Lower Upper
 82 100
 128 38.7 26.8 40.2
 54 51.2 45.7 68.5

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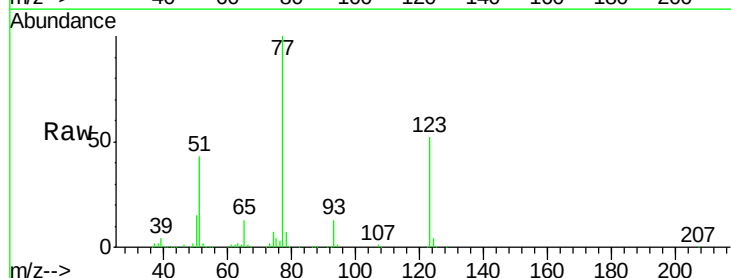


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

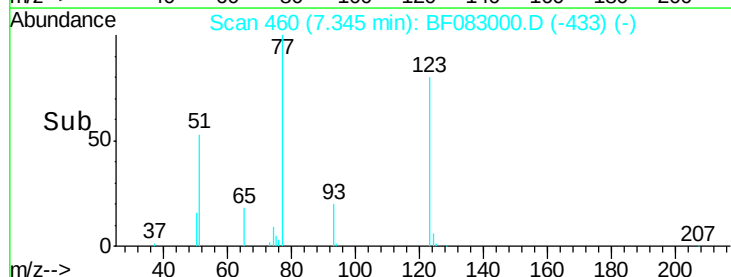
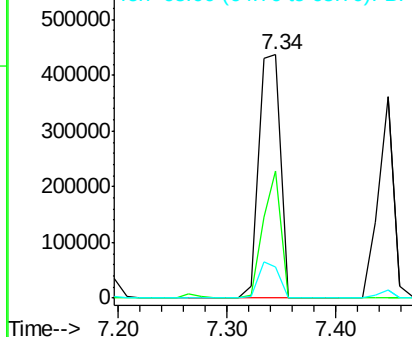


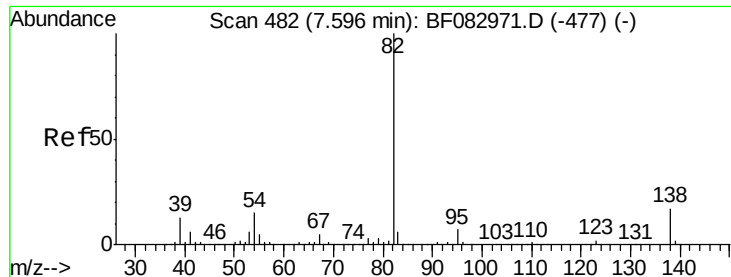
#24
 Nitrobenzene
 Concen: 38.74 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion: 77 Resp: 612755
 Ion Ratio Lower Upper
 77 100
 123 52.1 36.4 54.6
 65 12.8 11.5 17.3



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





#25

Isophorone

Concen: 39.60 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-IMS

Tgt Ion: 82 Resp: 1133324

Ion Ratio Lower Upper

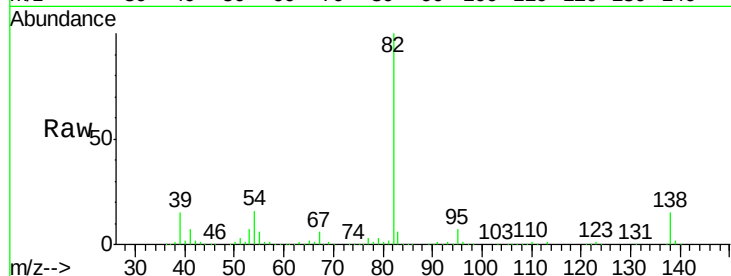
82 100

95 7.1 6.6 9.8

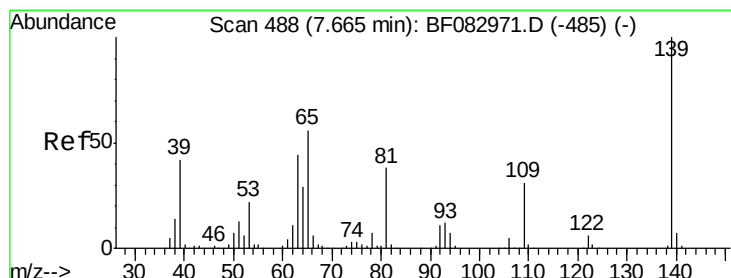
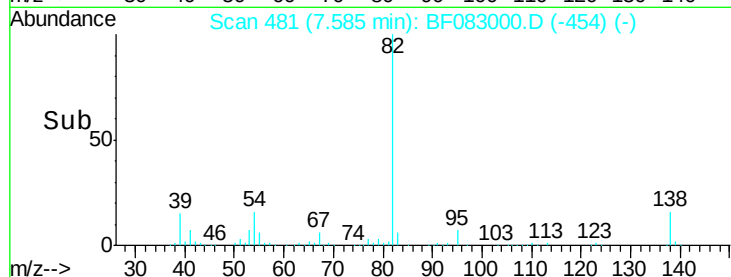
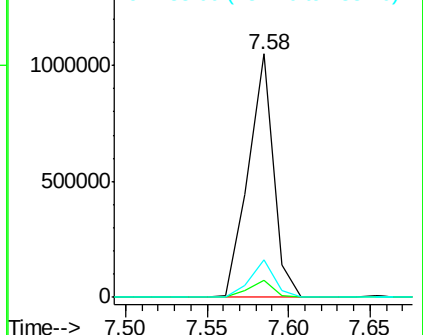
138 15.4 11.4 17.0

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



#26

2-Nitrophenol

Concen: 39.53 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

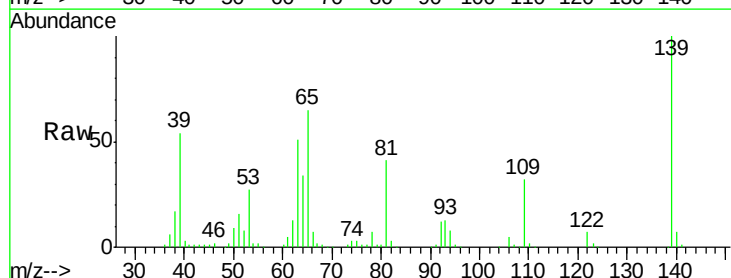
Tgt Ion: 139 Resp: 260999

Ion Ratio Lower Upper

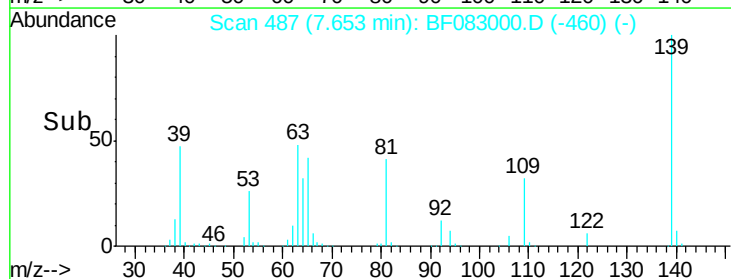
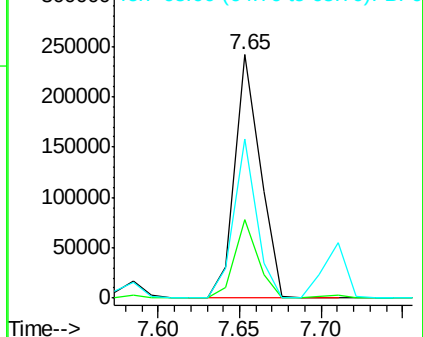
139 100

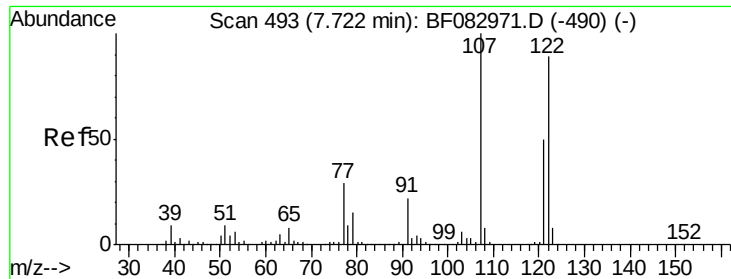
109 32.1 37.6 56.4#

65 65.4 70.6 105.8#



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





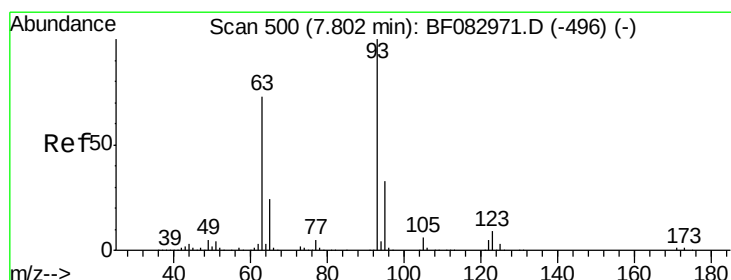
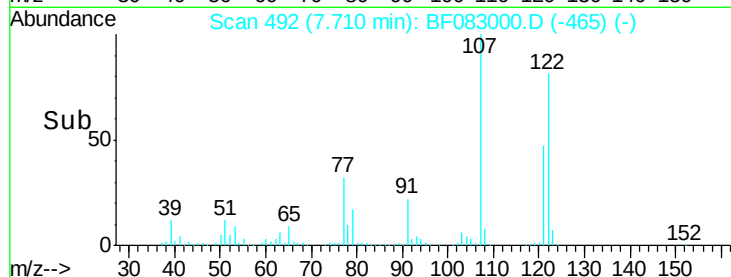
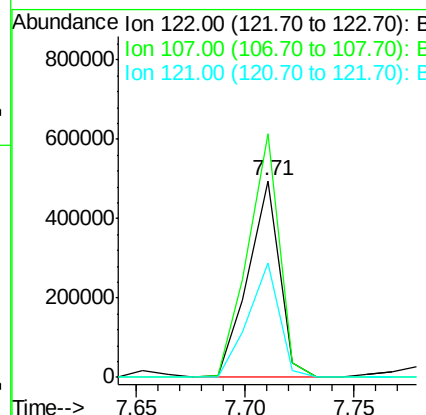
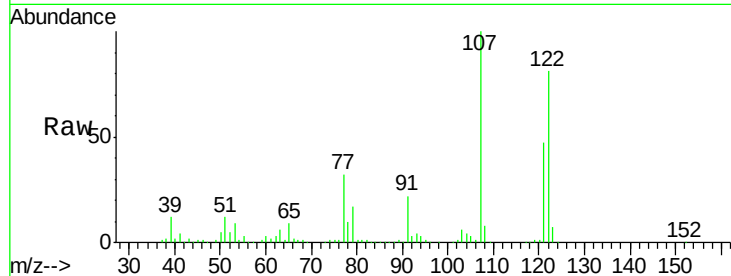
#27
 2,4-Dimethylphenol
 Concen: 42.29 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	501763		
107	124.0	106.0	159.0	
121	58.5	46.7	70.1	

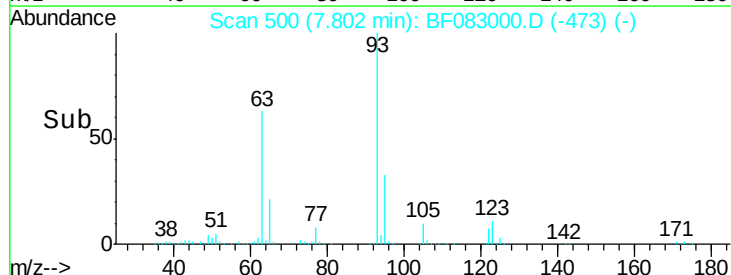
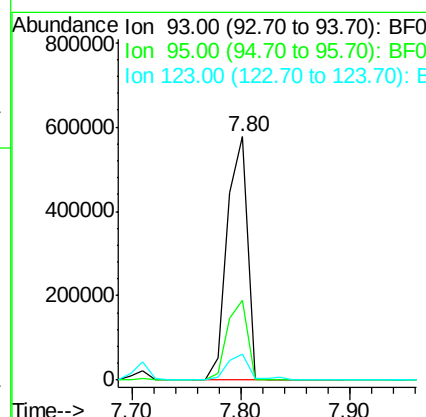
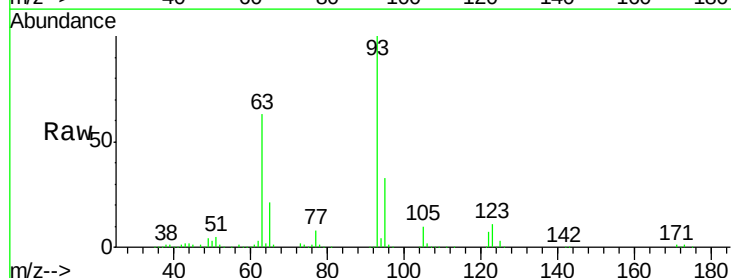
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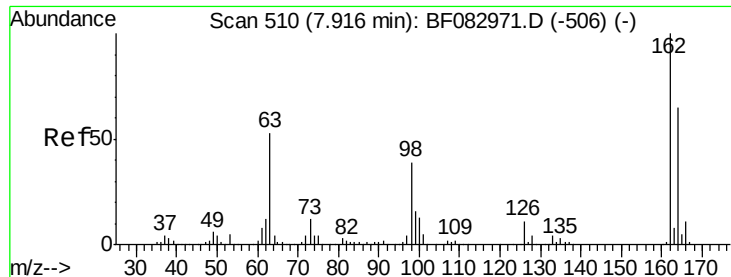
mohammad
 11/19/2015 8:26:00 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.91 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	741100		
95	32.9	26.6	40.0	
123	10.9	9.7	14.5	





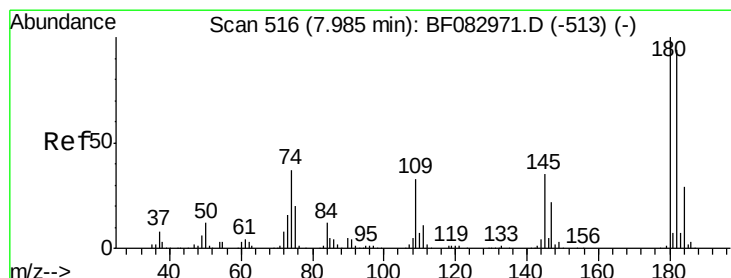
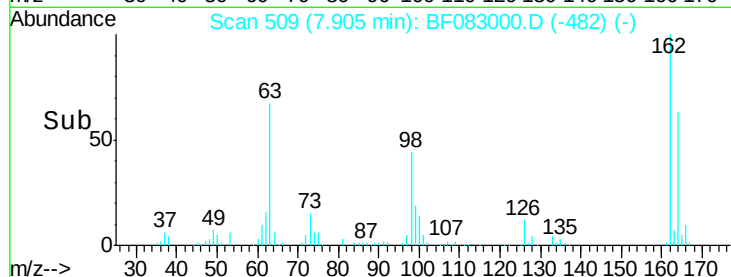
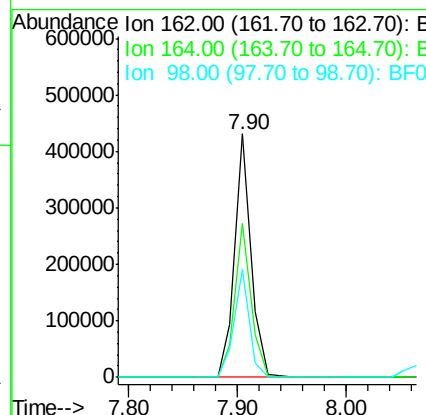
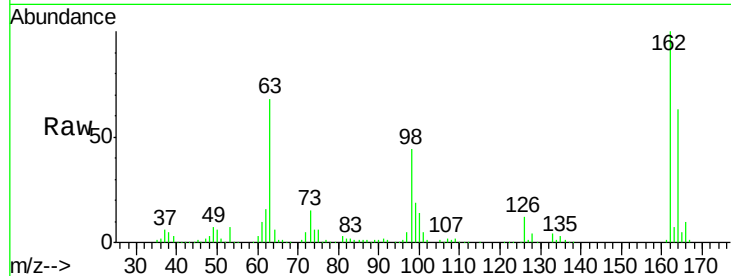
#29
2,4-Dichlorophenol
Concen: 41.63 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	46.8	86.8
98	44.2	12.5	52.5

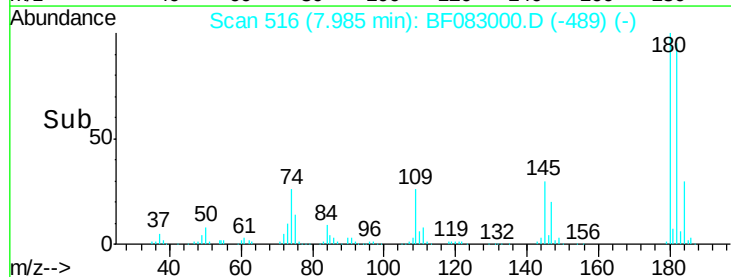
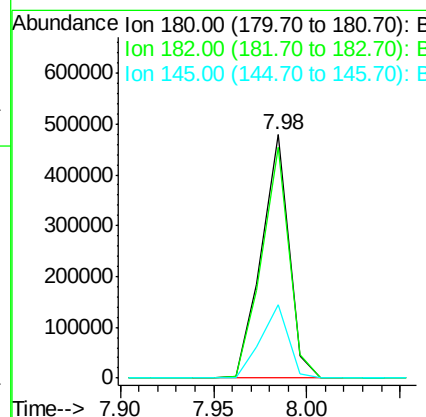
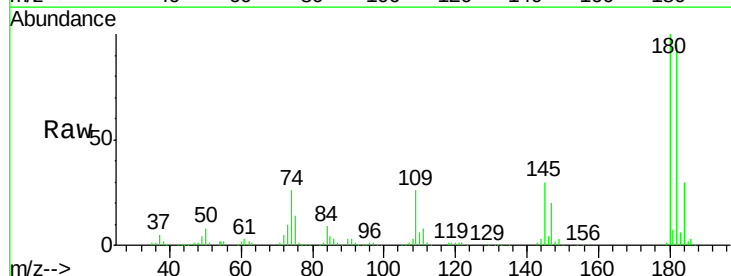
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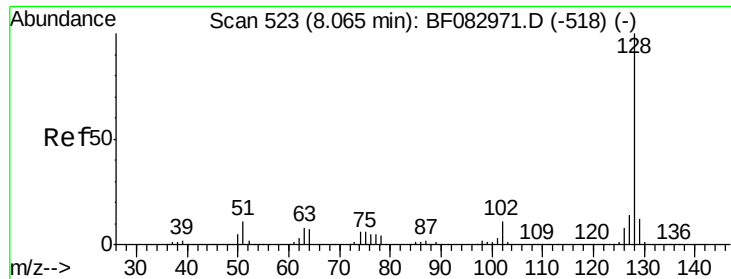
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#30
1,2,4-Trichlorobenzene
Concen: 40.44 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	74.9	112.3
145	30.0	27.8	41.8





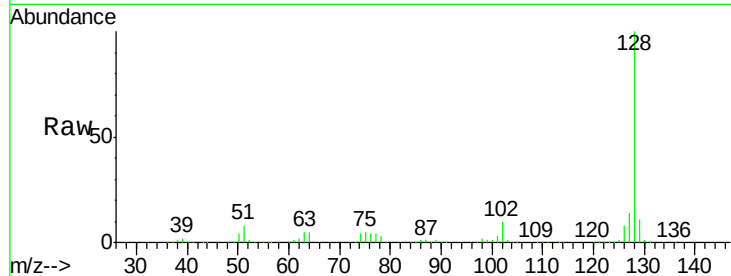
#31
Naphthalene
Concen: 41.54 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

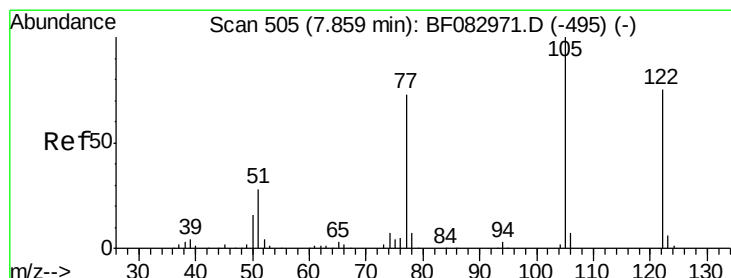
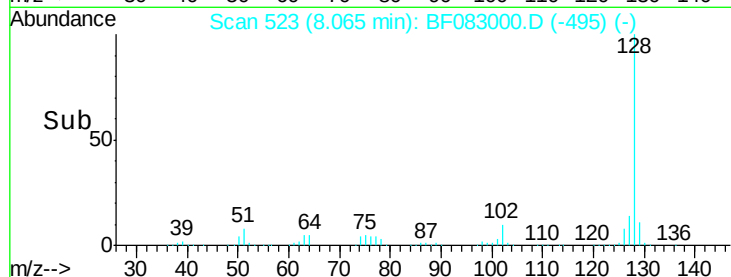
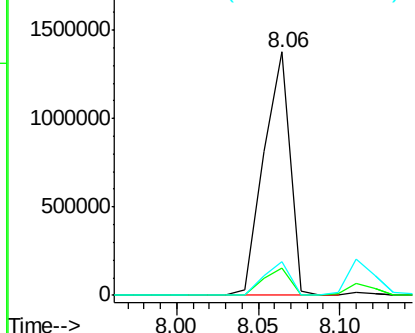
Tgt Ion:128 Resp: 1542532
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.9 11.4 17.0

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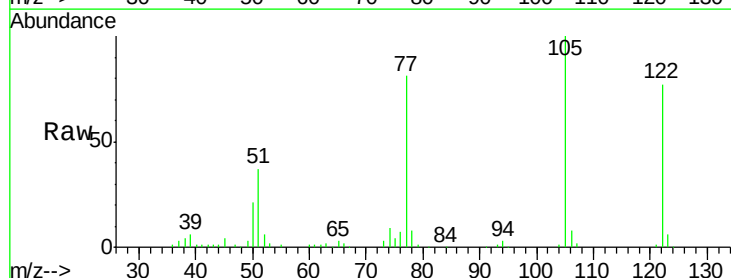


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

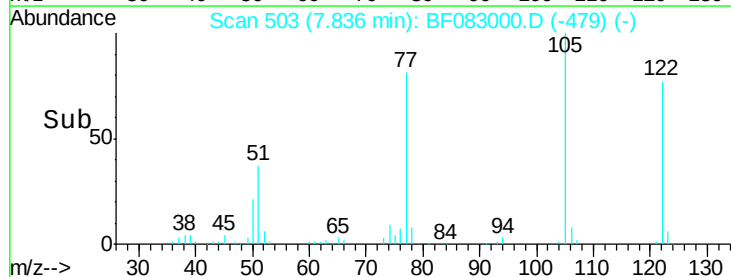
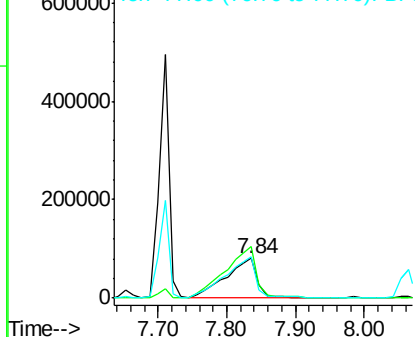


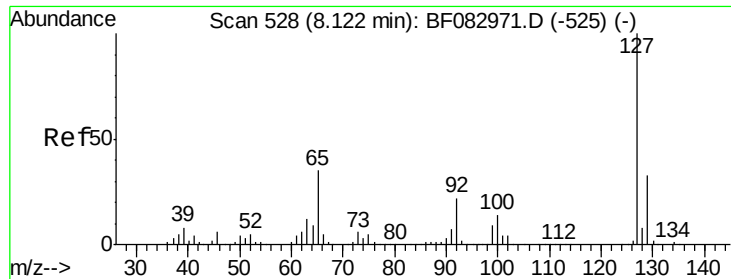
#32
Benzoic acid
Concen: 31.60 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion:122 Resp: 256677
Ion Ratio Lower Upper
122 100
105 129.7 122.6 162.6
77 105.4 100.9 140.9



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





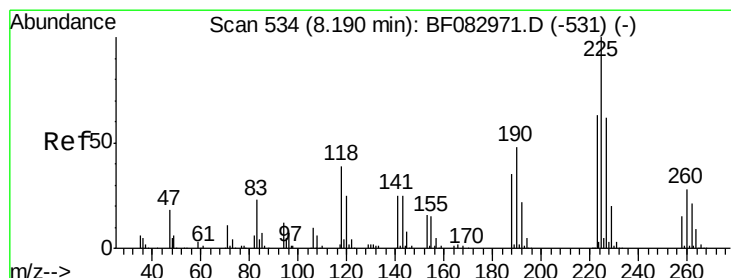
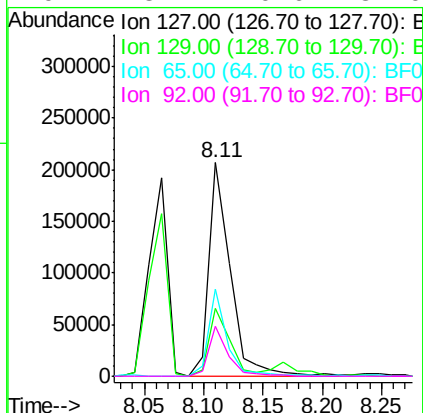
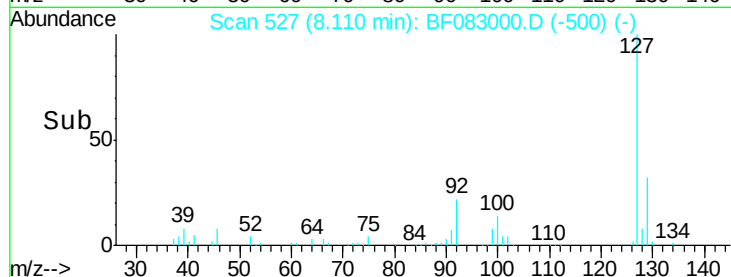
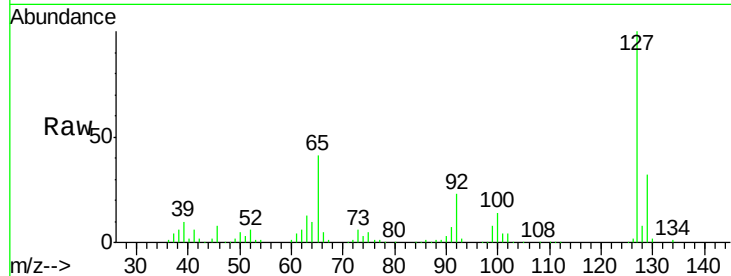
#33
4-Chloroaniline
Concen: 16.27 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	26.3	39.5
65	40.7	37.8	56.8
92	23.1	20.6	31.0

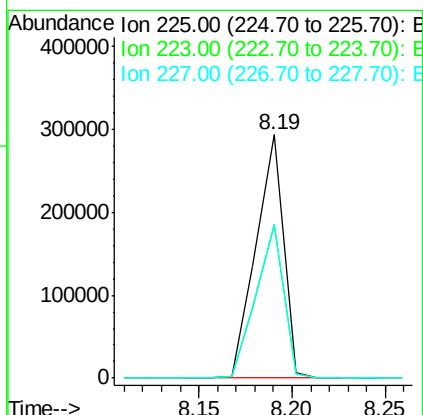
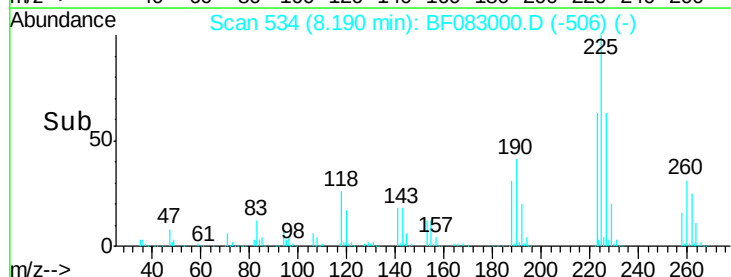
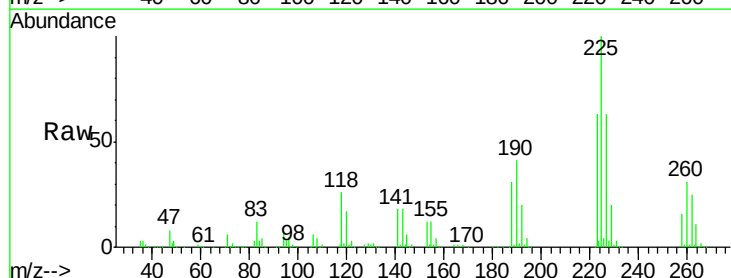
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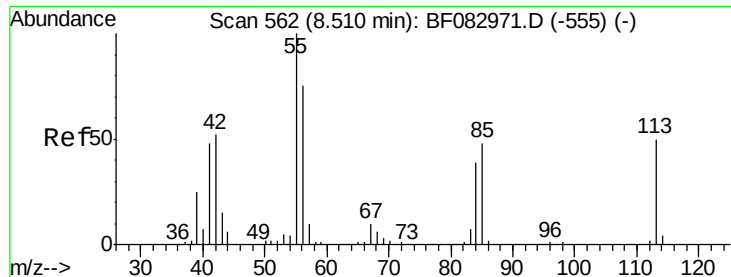
mohammad
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#34
Hexachlorobutadiene
Concen: 39.88 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	50.5	75.7
227	63.4	50.2	75.2





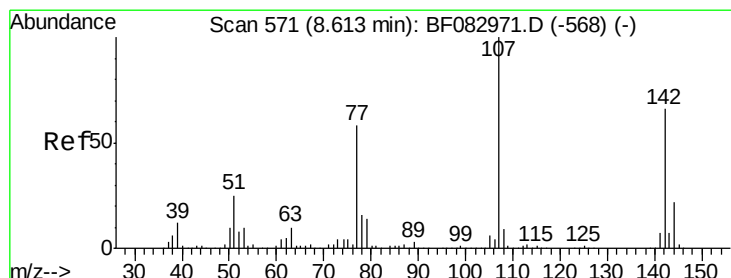
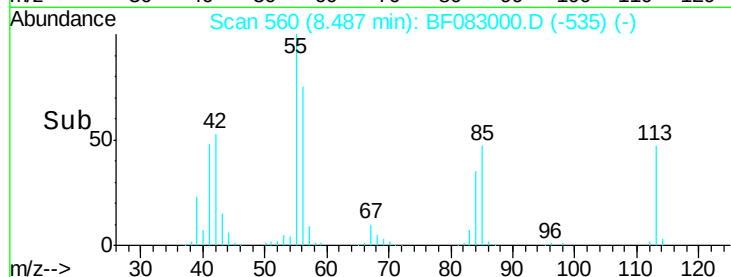
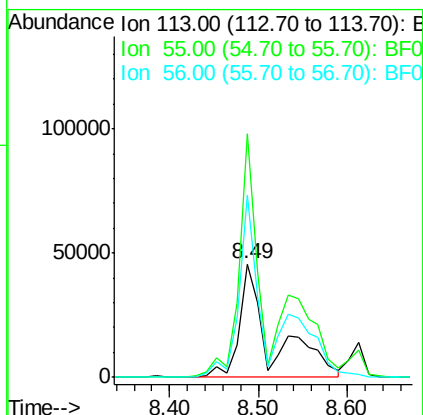
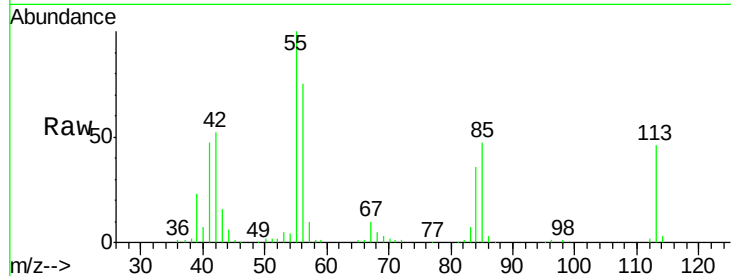
#35
 Caprolactam
 Concen: 34.66 ng m
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-IMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	215.3	195.5	235.5
56	161.2	153.5	193.5

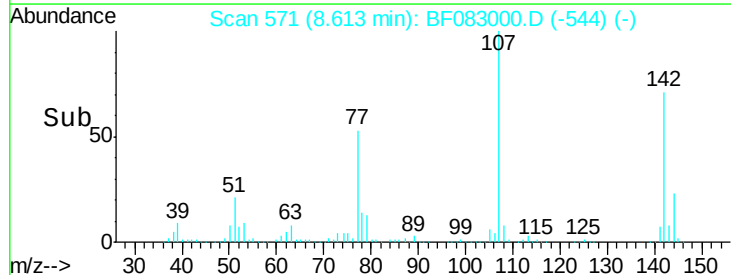
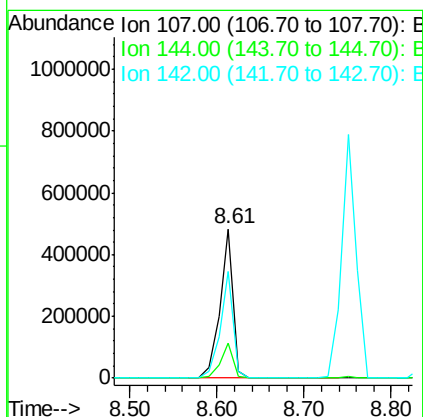
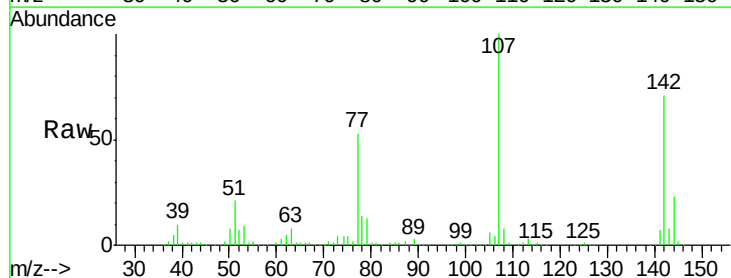
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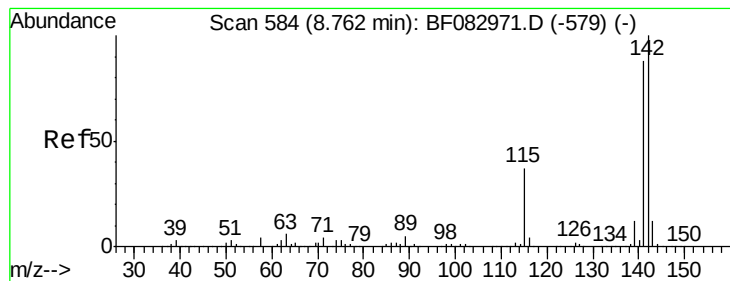
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.79 ng
 RT: 8.61 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	15.4	23.0#
142	71.4	47.8	71.8





#37

2-Methylnaphthalene

Concen: 38.93 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF083000.D

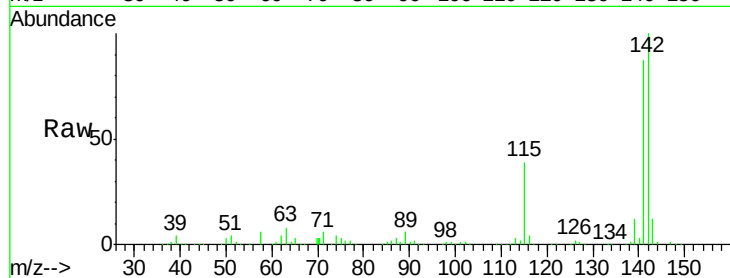
Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

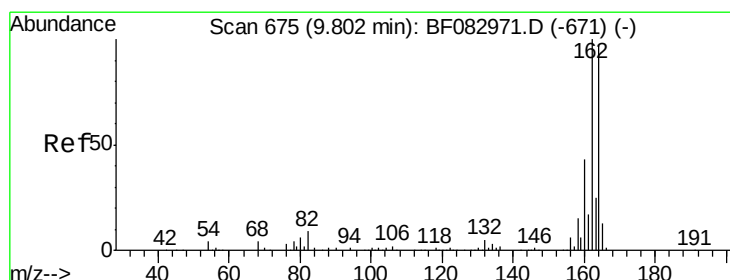
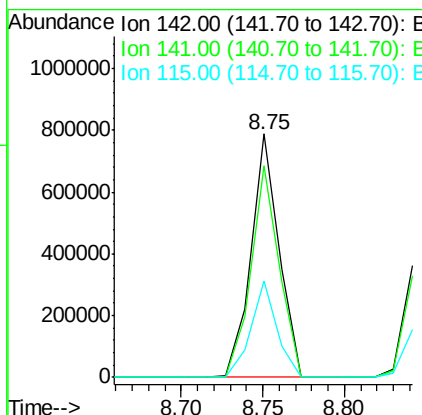
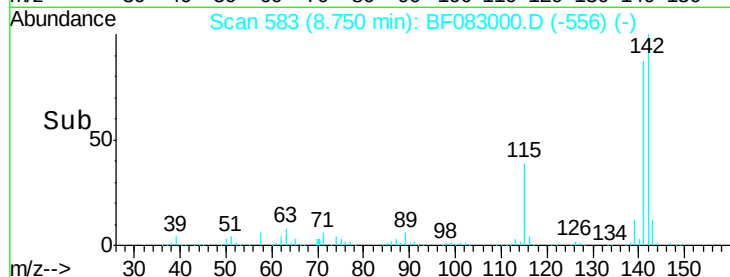
COMP-IMS



Tgt Ion:	142	Resp:	935252
Ion Ratio	Lower	Upper	
142	100		
141	87.1	72.3	108.5
115	39.4	38.1	57.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

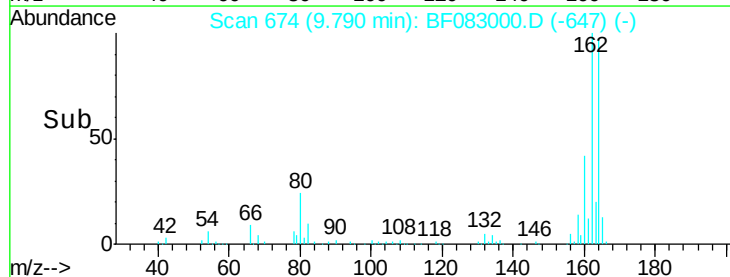
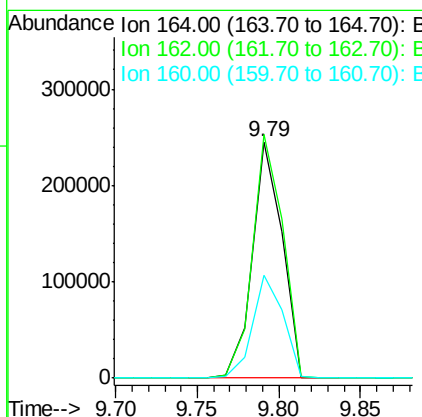
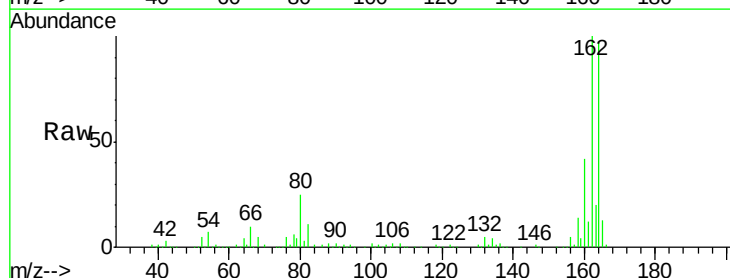
RT: 9.79 min Scan# 674

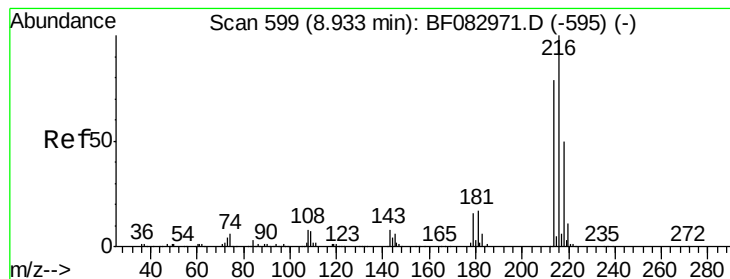
Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	164	Resp:	311033
Ion Ratio	Lower	Upper	
164	100		
162	103.0	84.9	127.3
160	43.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.74 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF083000.D

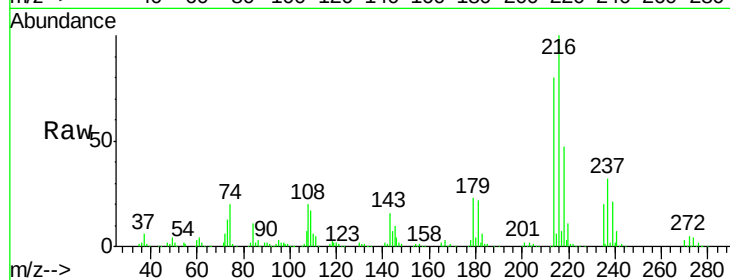
Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion: 216 Resp: 436883

Ion Ratio Lower Upper

216 100

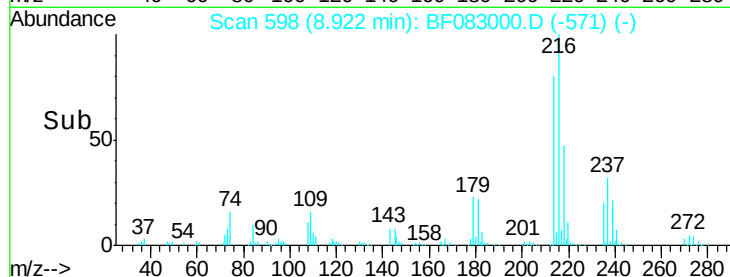
214 80.1 62.2 93.2

179 22.2 18.1 27.1

108 23.0 16.6 25.0

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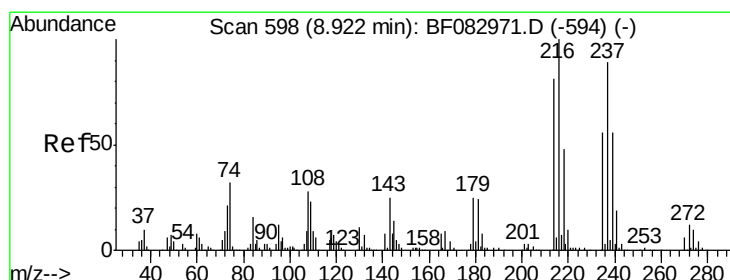
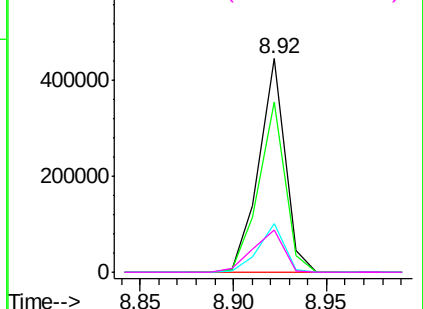


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.48 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

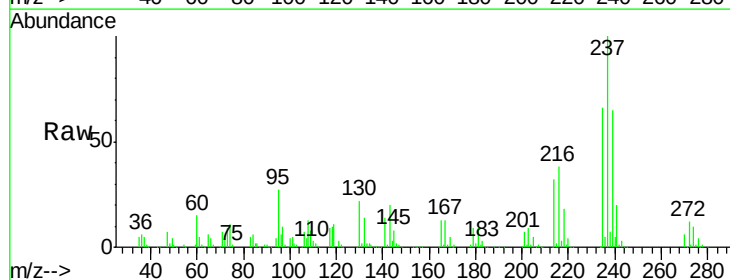
Tgt Ion: 237 Resp: 414481

Ion Ratio Lower Upper

237 100

235 65.5 44.3 84.3

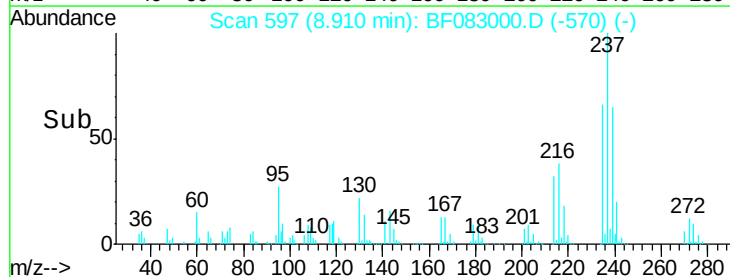
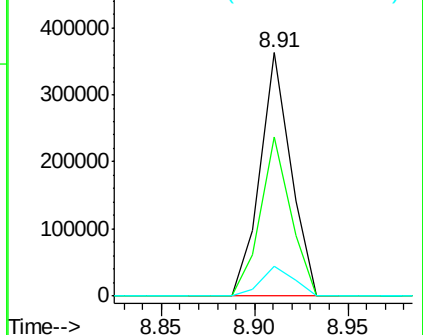
272 12.1 0.0 31.9

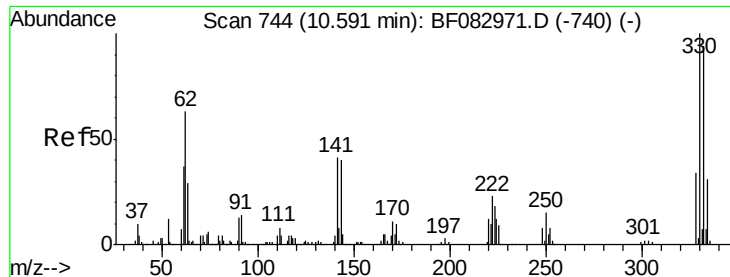


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





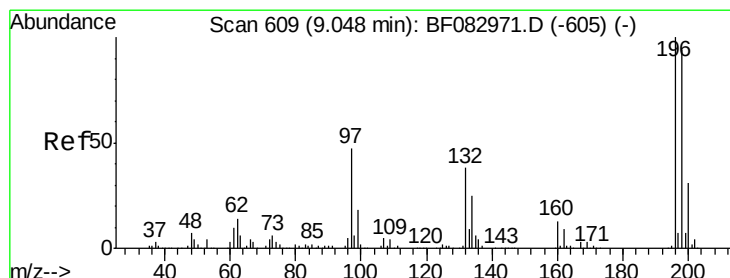
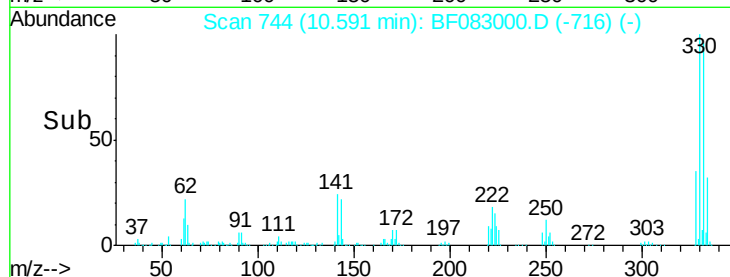
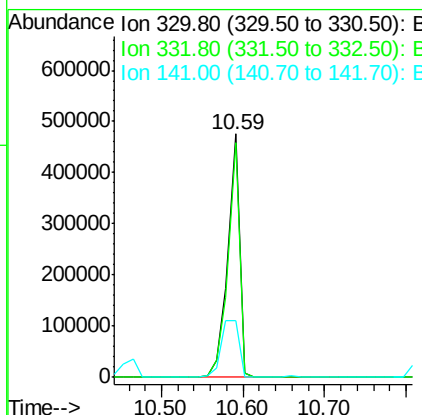
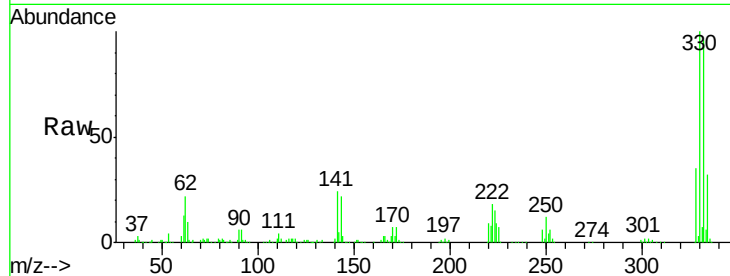
#41
 2,4,6-Tribromophenol
 Concen: 134.58 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	479962		
332	94.9	76.6	114.8	
141	35.2	41.2	61.8#	

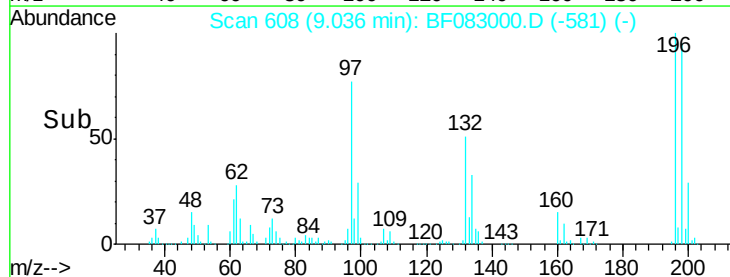
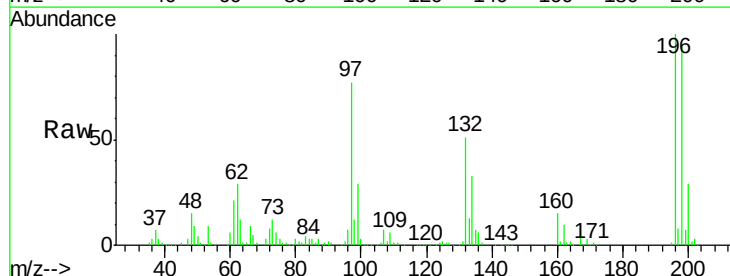
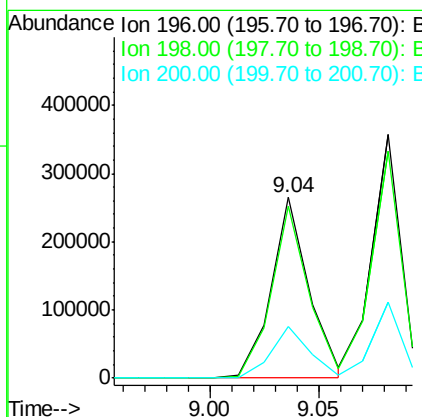
Manual Integrations
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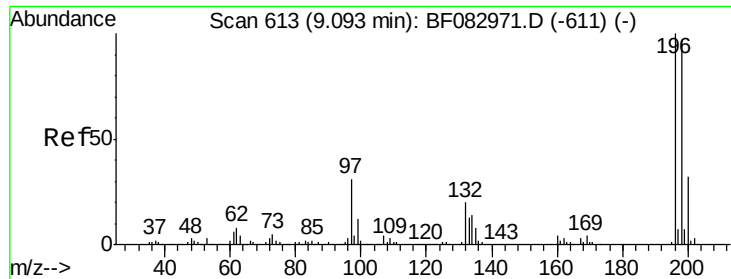
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 42.18 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

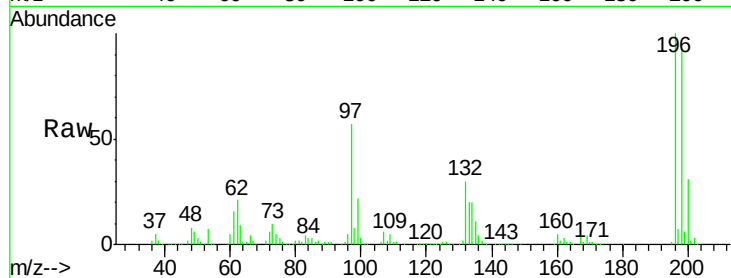
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321789		
198	95.4	76.3	114.5	
200	28.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

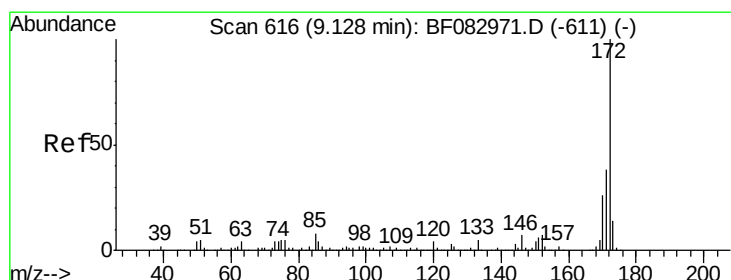
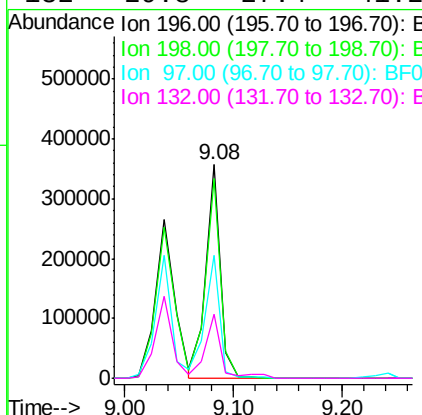
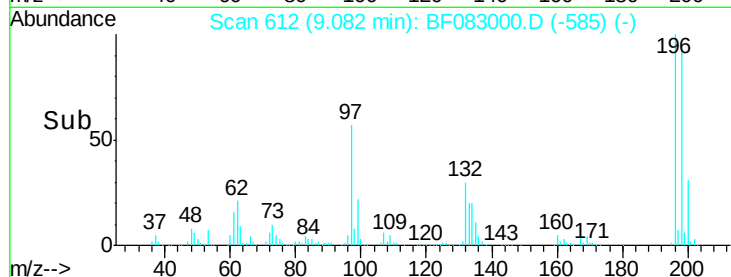
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS



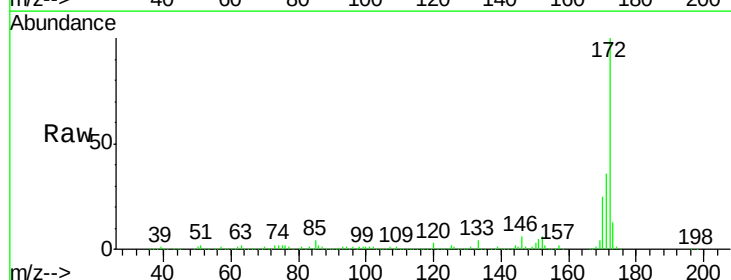
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336209		
198	93.3	75.8	113.8	
97	57.3	62.3	93.5	
132	29.8	27.4	41.2	

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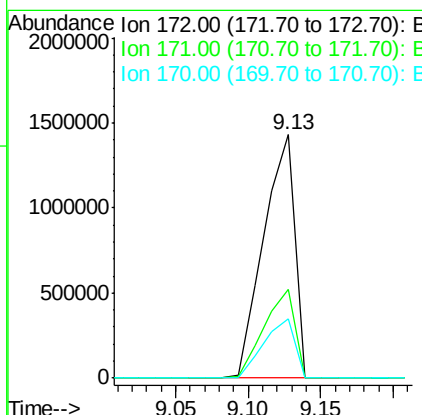
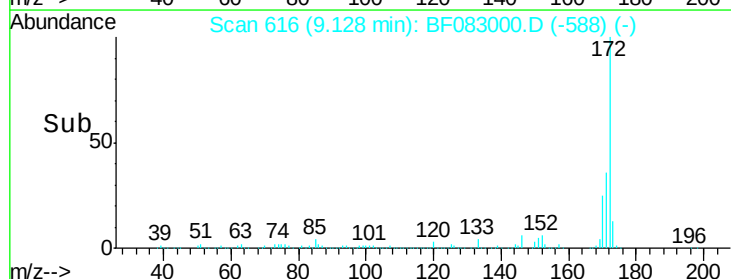
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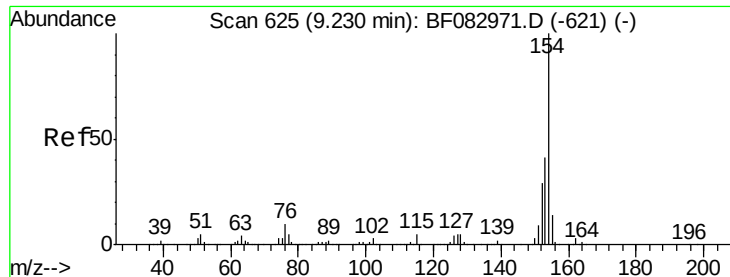


#44
 2-Fluorobiphenyl
 Concen: 97.84 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2123324		
171	36.3	30.8	46.2	
170	24.6	21.2	31.8	





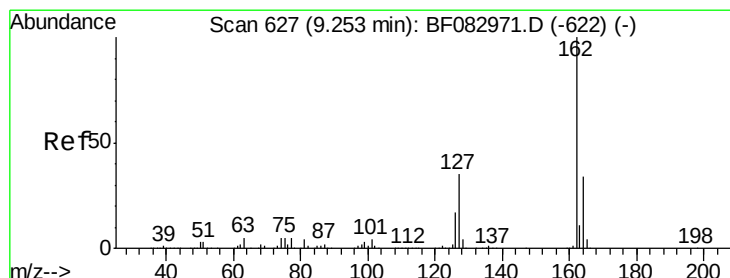
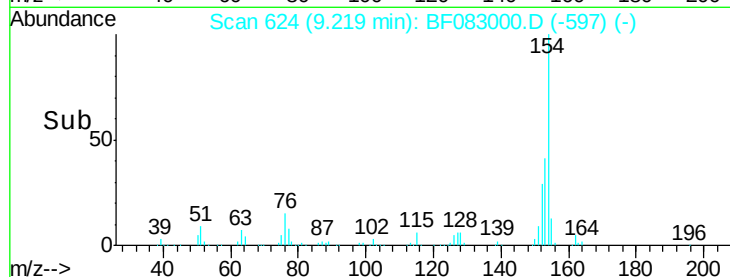
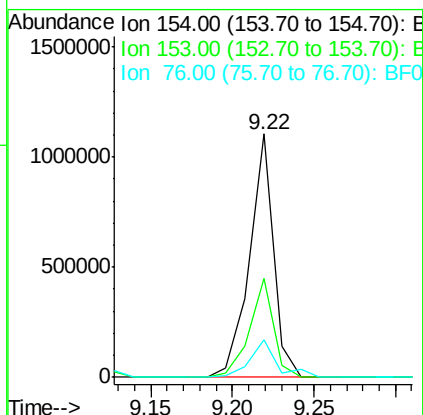
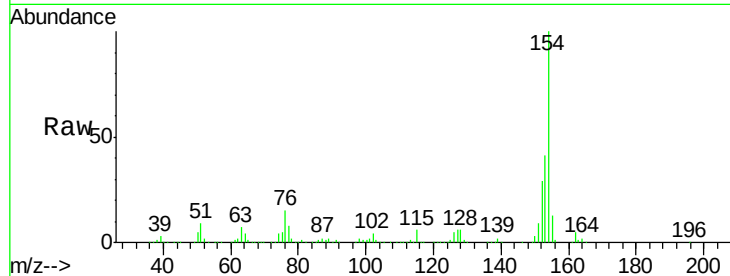
#45
 1,1'-Biphenyl
 Concen: 42.37 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.0	62.0
76	15.3	0.0	29.0

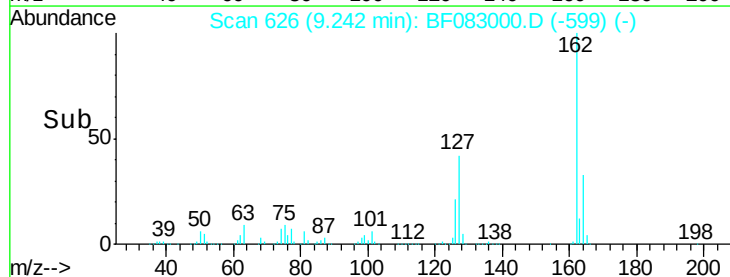
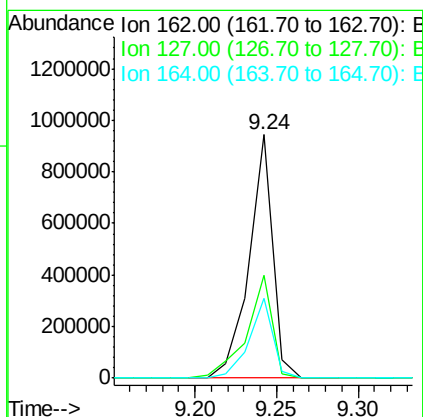
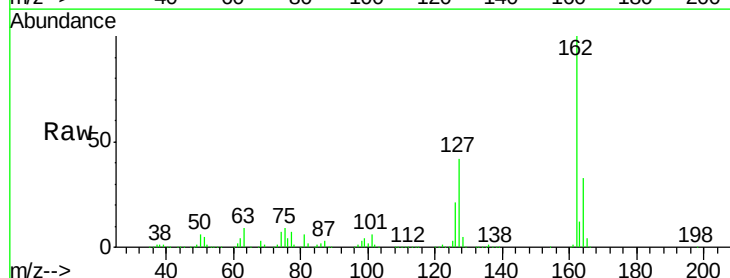
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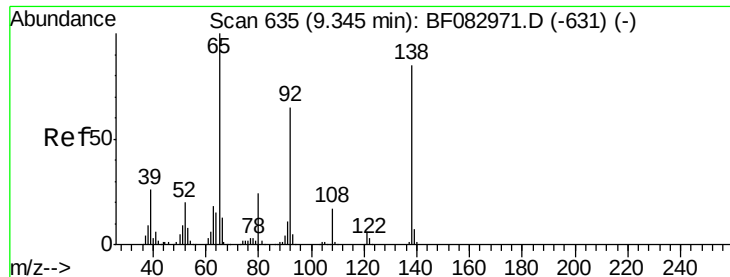
mohammad
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#46
 2-Chloronaphthalene
 Concen: 45.42 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.7	49.1
164	32.6	27.4	41.0





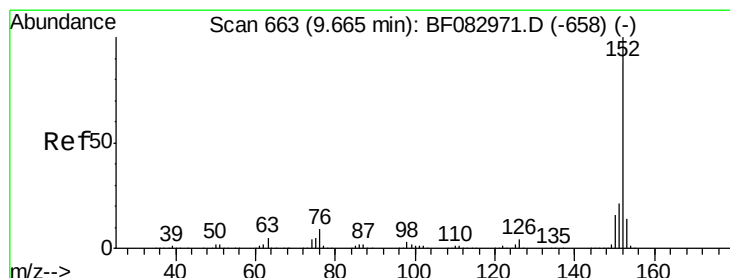
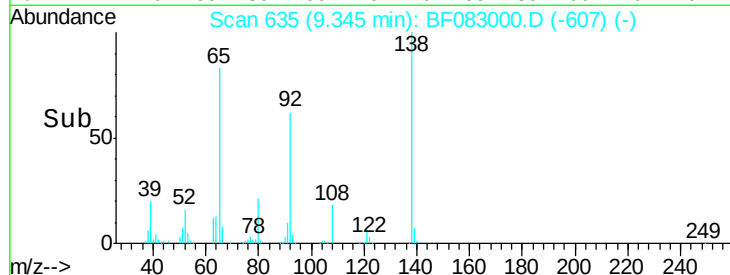
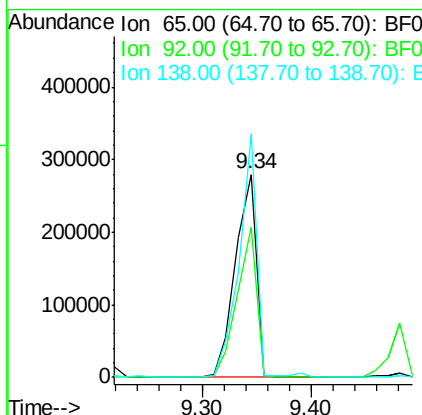
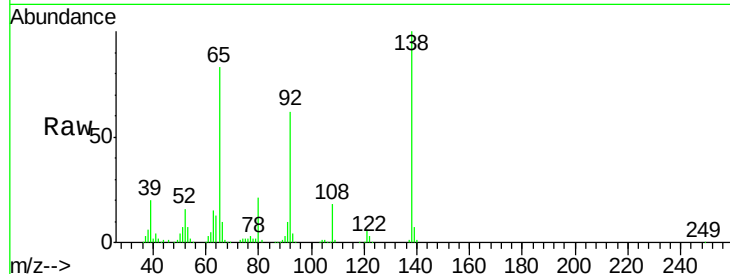
#47
2-Nitroaniline
Concen: 47.51 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	366906		
92	74.1	46.6	70.0#	
138	119.8	54.6	81.8#	

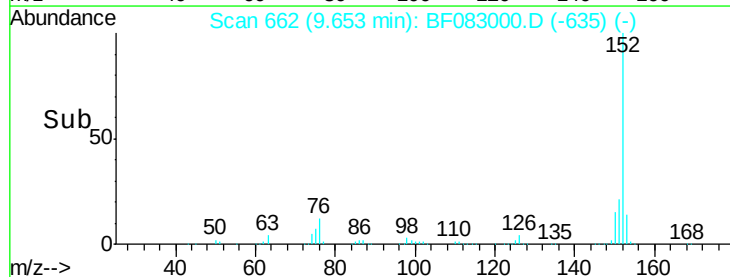
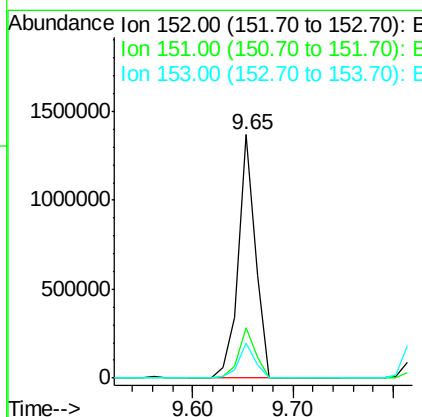
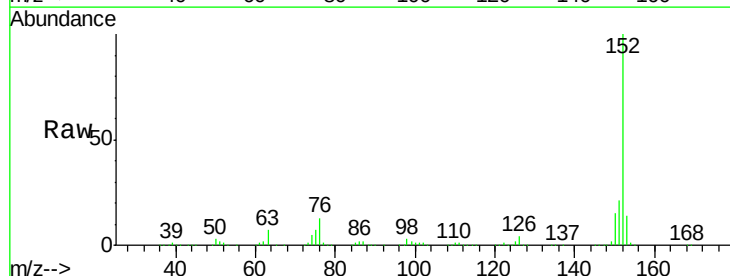
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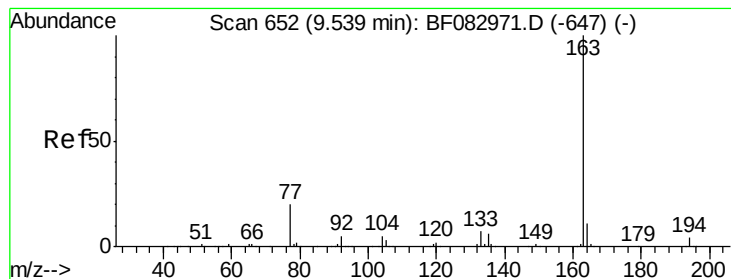
mohammad
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#48
Acenaphthylene
Concen: 49.48 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1614230		
151	20.7	17.3	25.9	
153	14.2	11.3	16.9	





#49

Dimethylphthalate

Concen: 41.82 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-IMS

Tgt Ion:163 Resp: 1065602

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

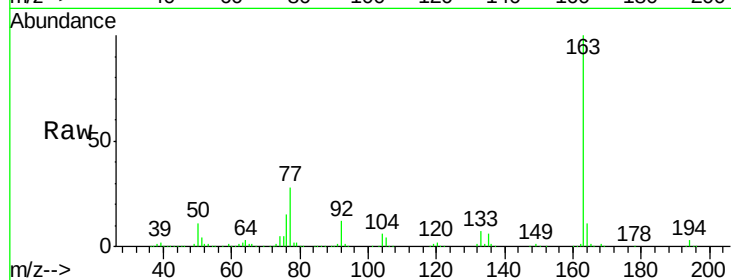
164 10.8 8.7 13.1

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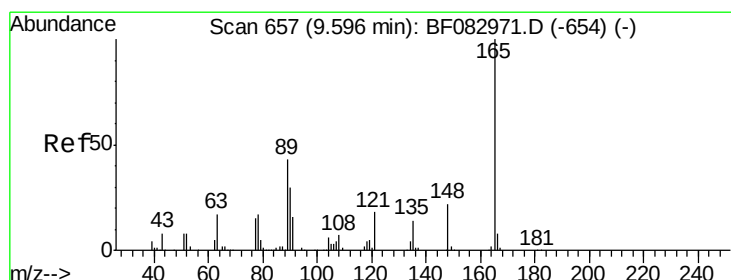
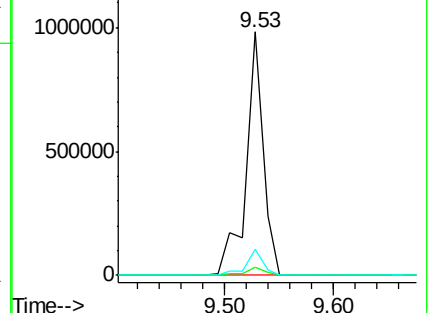
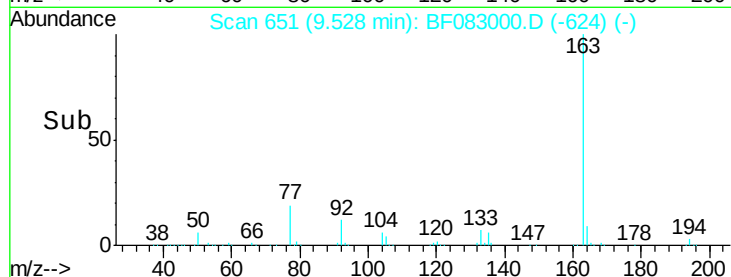
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.17 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

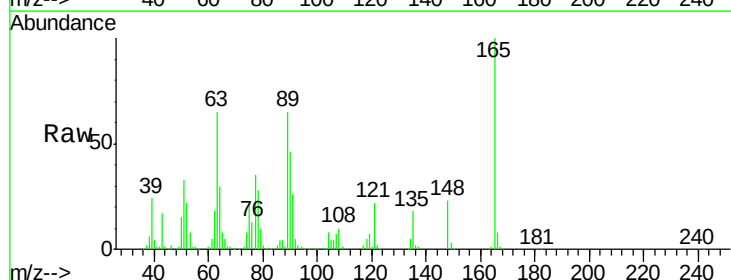
Tgt Ion:165 Resp: 251031

Ion Ratio Lower Upper

165 100

63 64.5 55.5 83.3

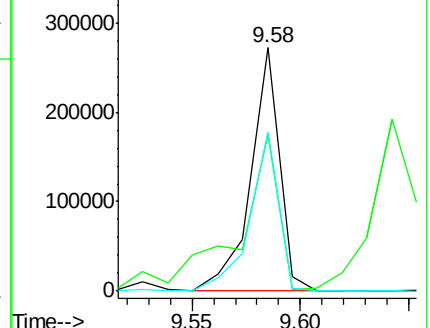
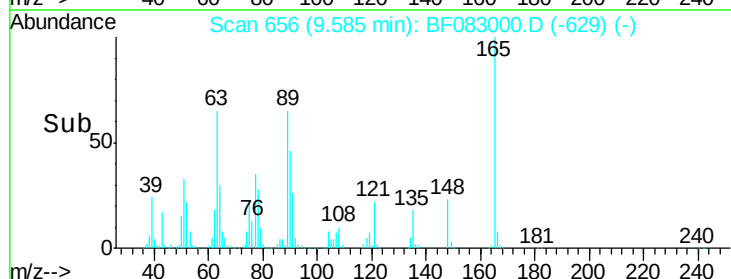
89 65.2 55.0 82.6

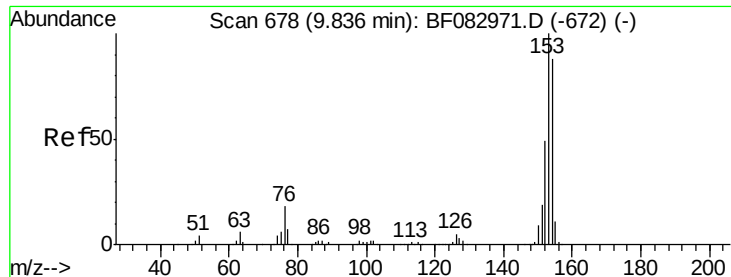


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.18 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

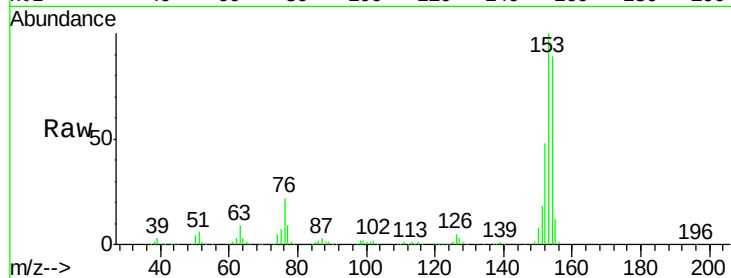
ClientSampleId :

COMP-1MS

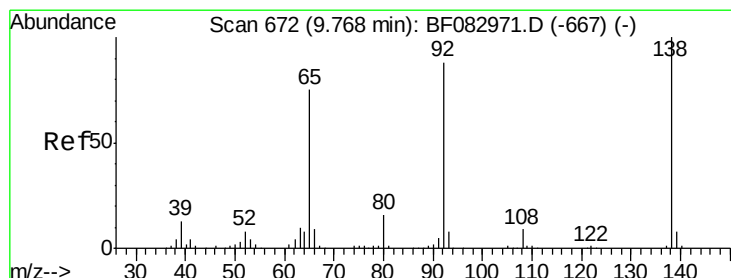
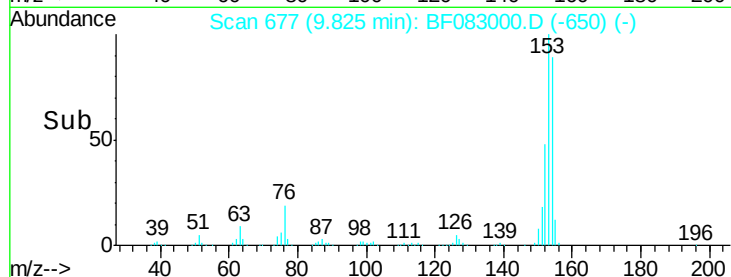
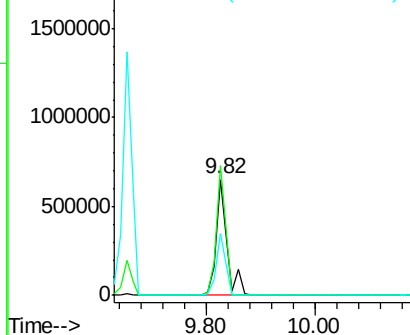
Tgt Ion:	154	Resp:	954902
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.1	135.1
152	53.5	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.83 ng

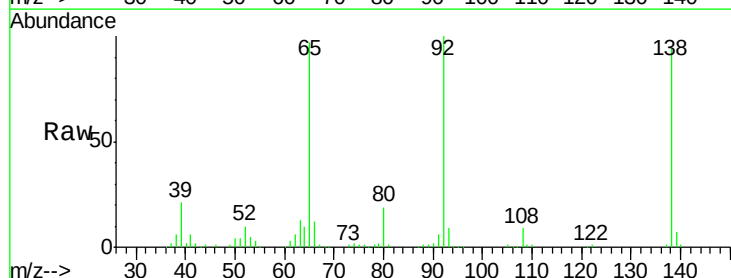
RT: 9.76 min Scan# 671

Delta R.T. 0.02 min

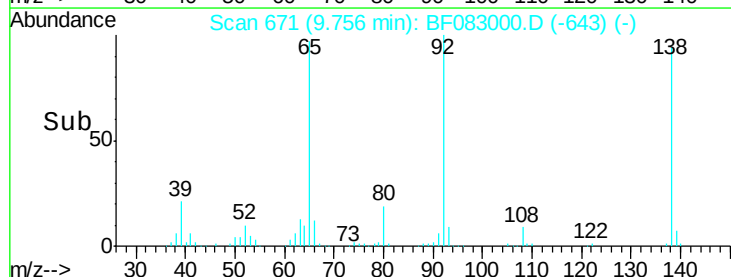
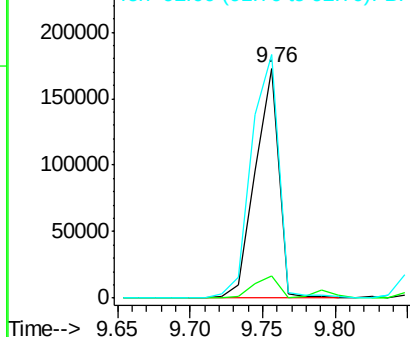
Lab File: BF083000.D

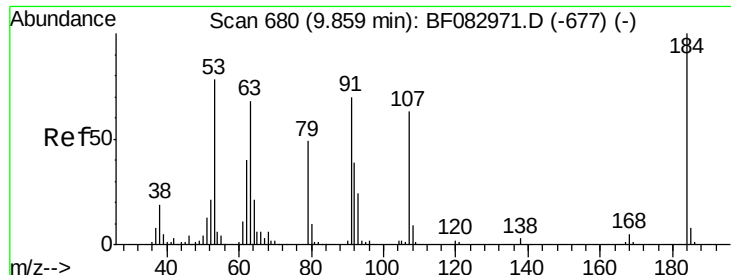
Acq: 18 Nov 2015 7:52

Tgt Ion:	138	Resp:	196312
Ion Ratio	Lower	Upper	
138	100		
108	9.8	11.3	16.9#
92	105.8	122.4	183.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





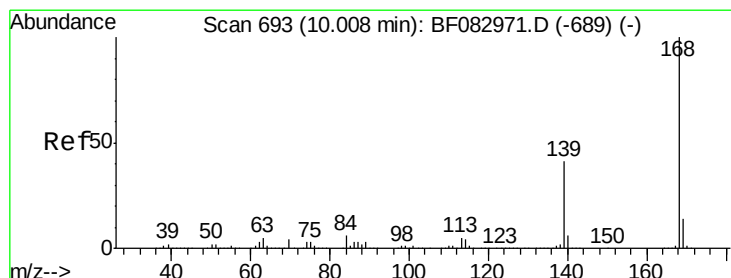
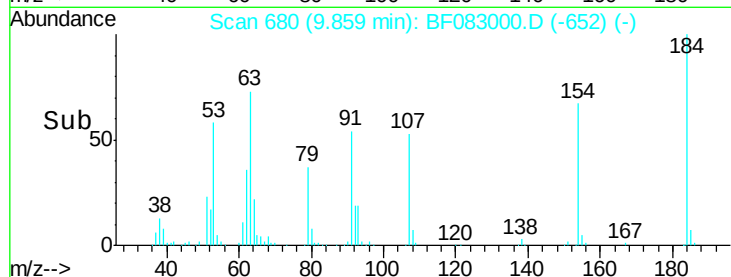
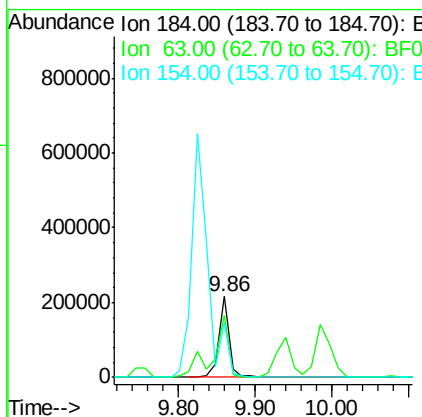
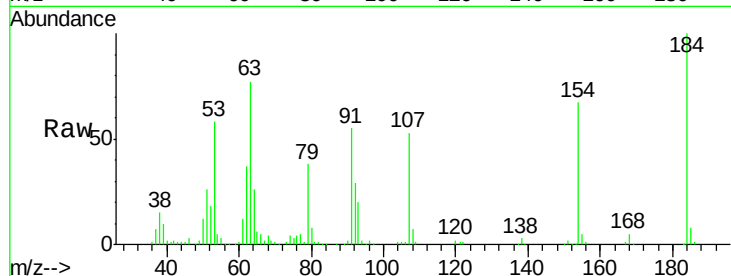
#53
 2,4-Dinitrophenol
 Concen: 67.98 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202935		
63	77.2	98.6	148.0#	
154	67.4	183.9	275.9#	

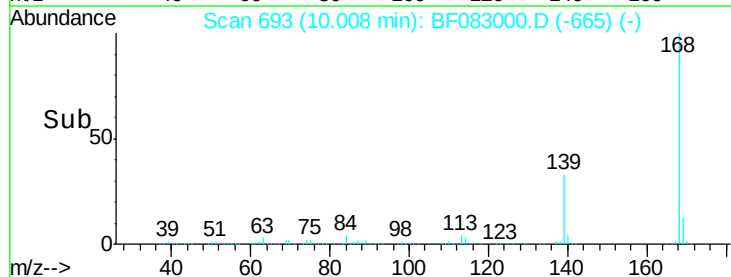
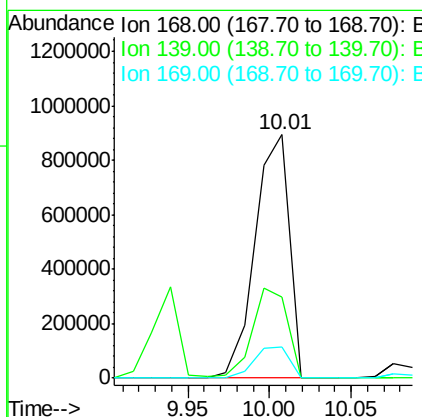
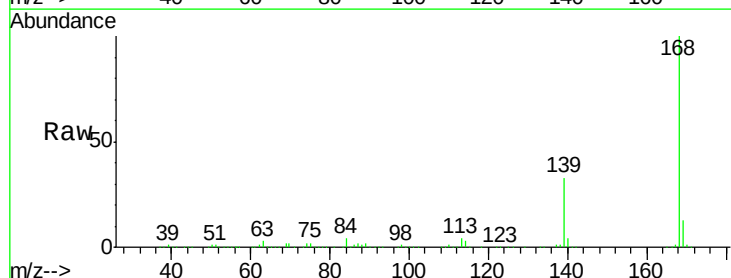
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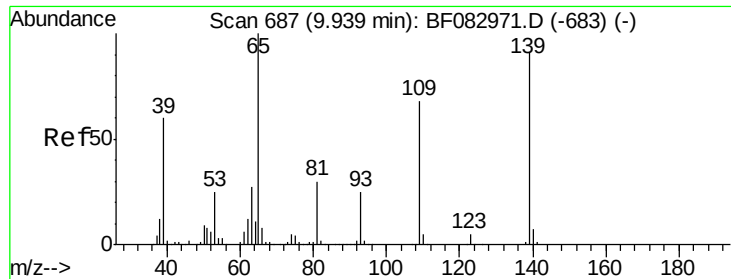
mohammad
 11/19/2015 8:26:00 AM



#54
 Dibenzofuran
 Concen: 46.63 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1300088		
139	33.4	37.8	56.6#	
169	13.0	11.3	16.9	





#55

4-Nitrophenol

Concen: 81.30 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.02 min

Lab File: BF083000.D

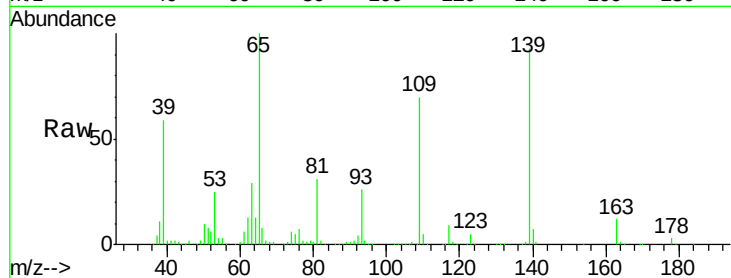
Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-IMS



Tgt Ion:139 Resp: 372990

Ion Ratio Lower Upper

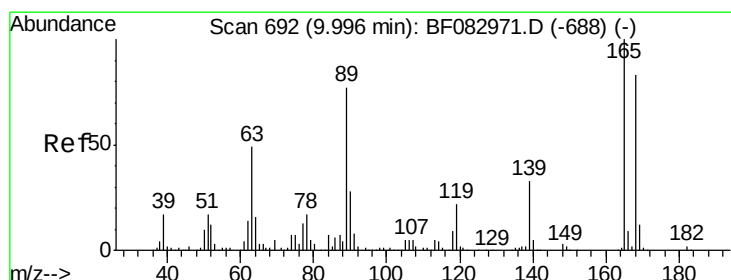
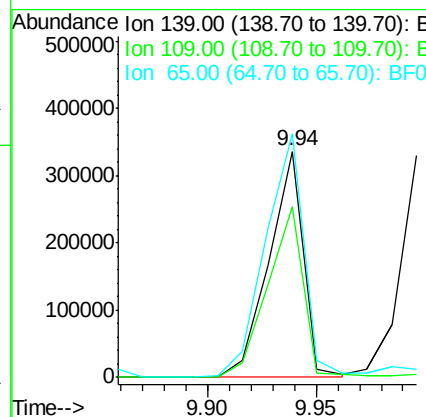
139 100

109 75.6 73.7 113.7

65 107.9 82.9 122.9

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#56

2,4-Dinitrotoluene

Concen: 43.13 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:165 Resp: 318208

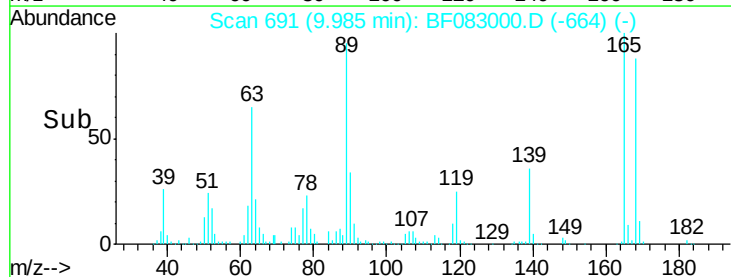
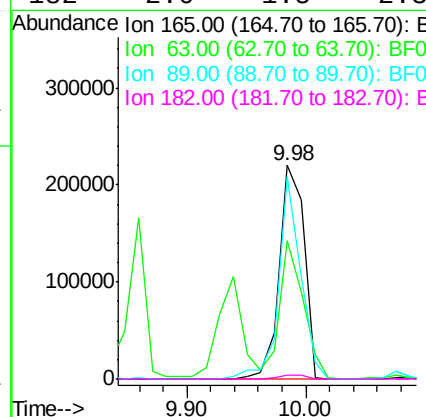
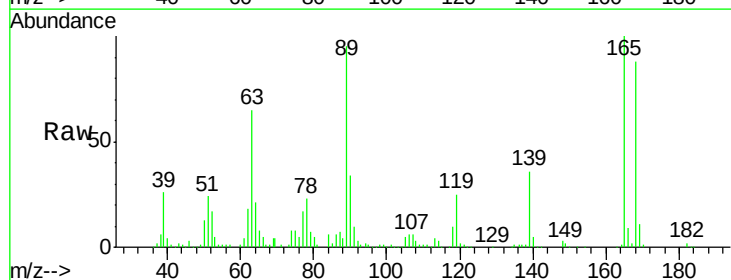
Ion Ratio Lower Upper

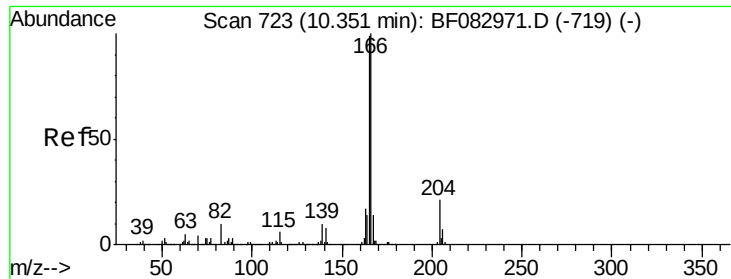
165 100

63 64.6 43.4 65.0

89 94.9 70.6 106.0

182 2.0 1.5 2.3





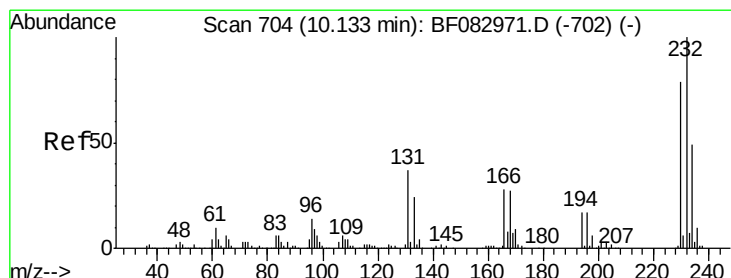
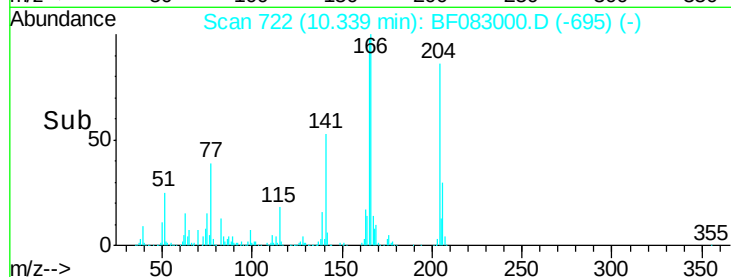
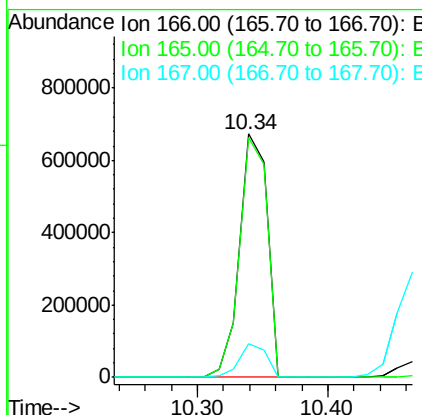
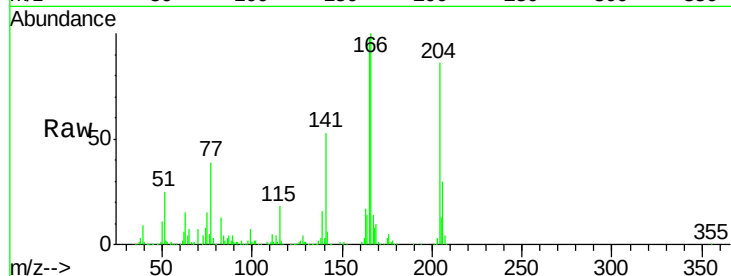
#57
 Fluorene
 Concen: 43.88 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	990706		
165	98.4		80.2	120.4
167	14.0		11.2	16.8

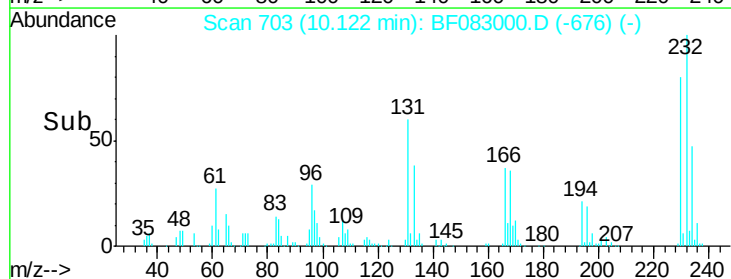
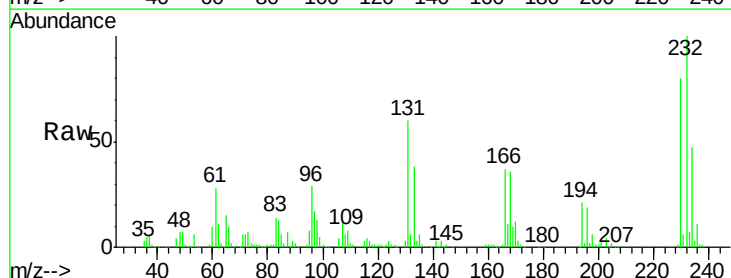
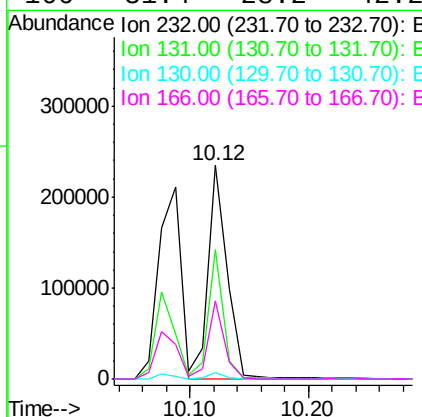
Manual Integrations
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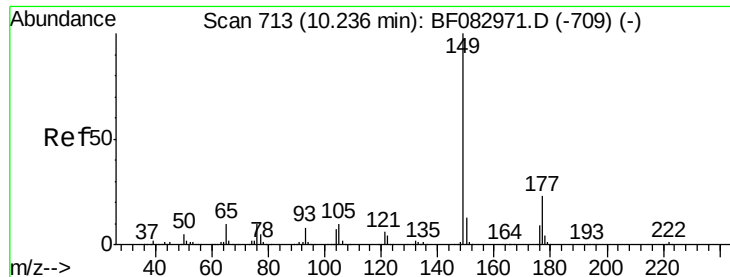
mohammad
 11/19/2015 8:26:00 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.86 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	257766		
131	48.4		46.2	69.2
130	2.3		2.4	3.6#
166	31.4		28.2	42.2





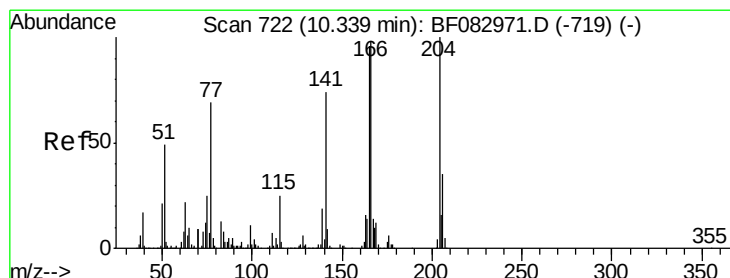
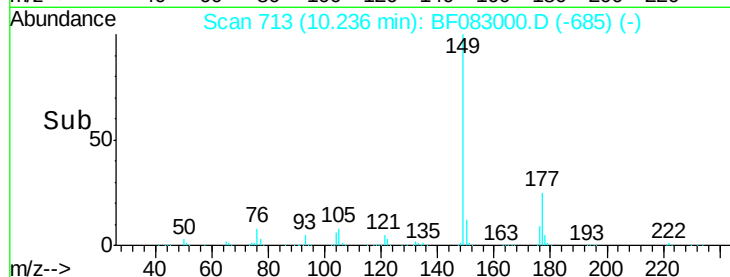
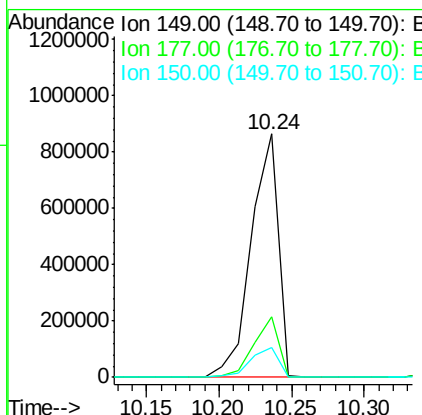
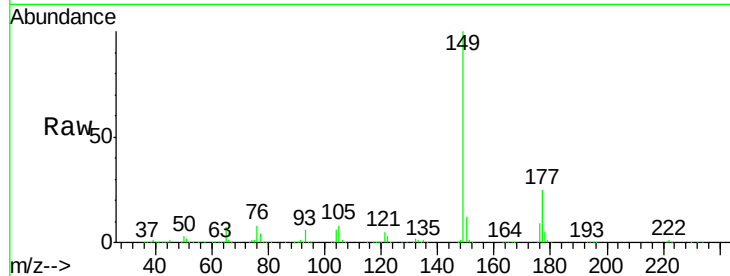
#59
Diethylphthalate
Concen: 44.99 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	17.9	26.9
150	12.4	10.1	15.1

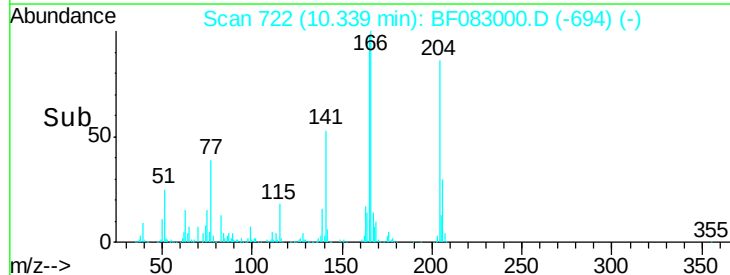
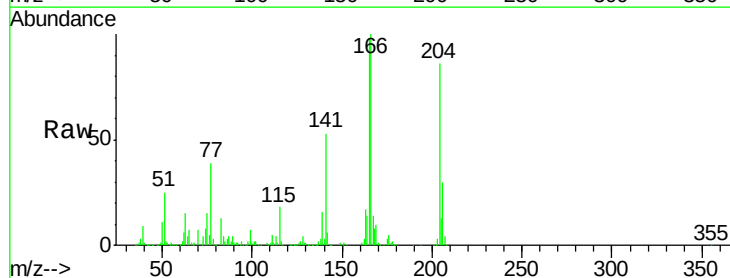
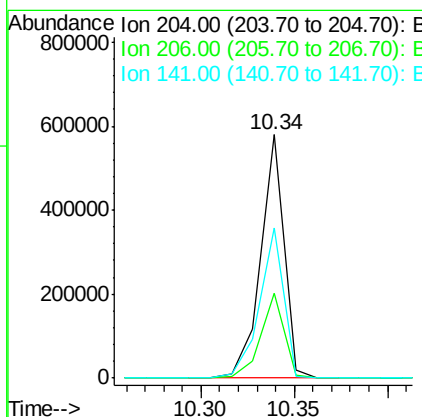
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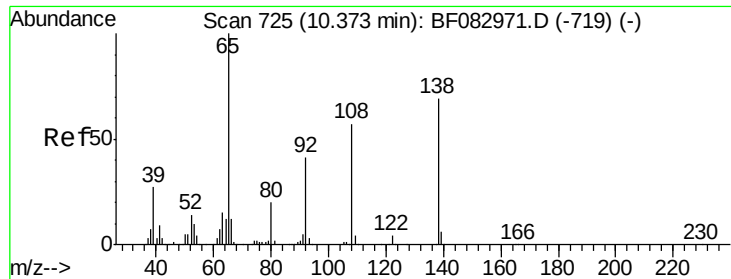
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.06 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	61.8	44.6	66.8





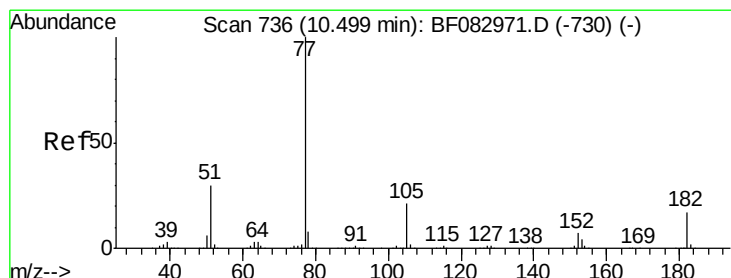
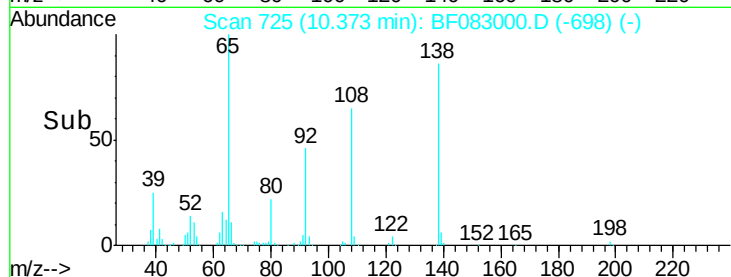
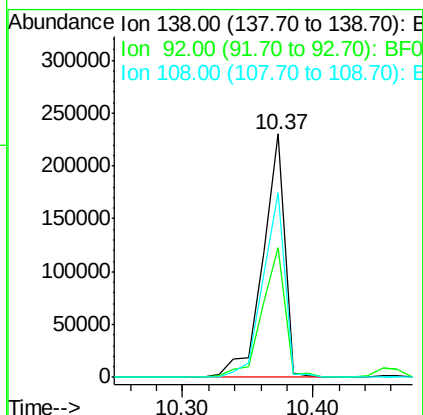
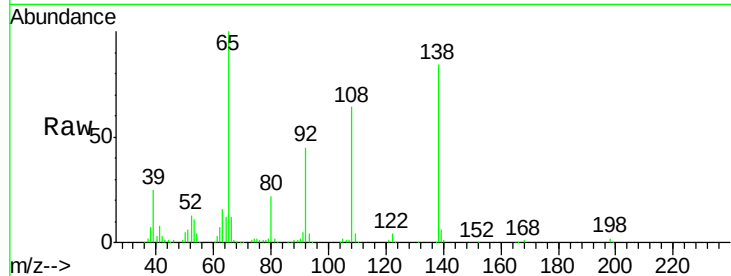
#61
4-Nitroaniline
Concen: 45.09 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	45.8	85.8
108	75.8	89.4	129.4

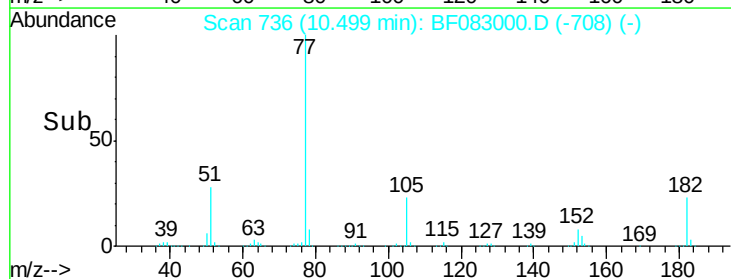
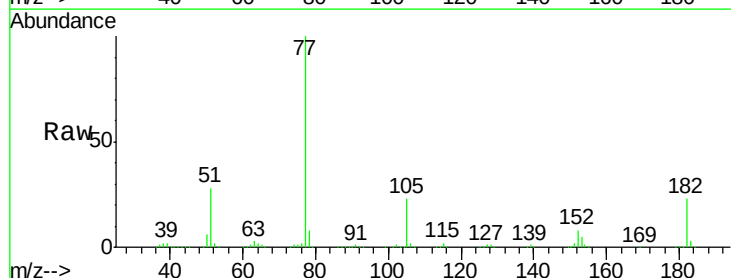
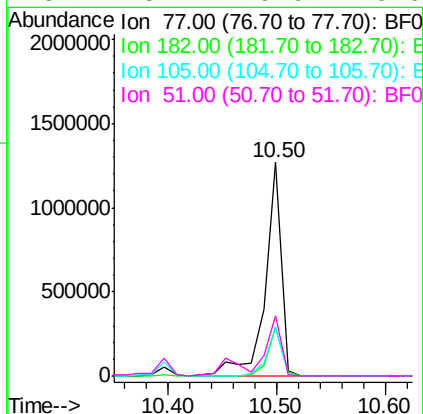
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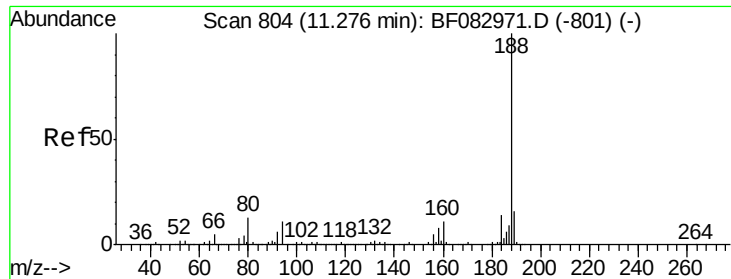
mohammad
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#62
Azobenzene
Concen: 49.81 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	9.3	49.3
105	22.8	2.6	42.6
51	28.4	9.9	49.9





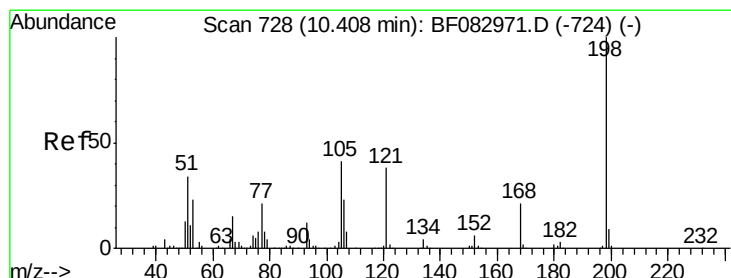
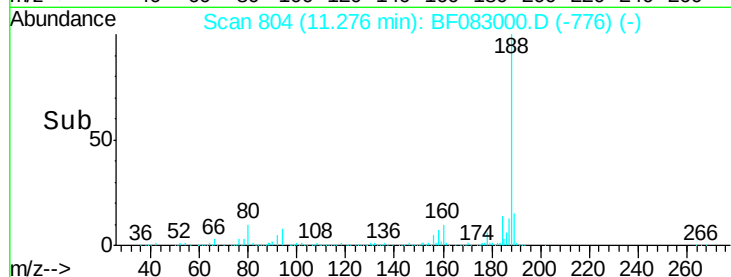
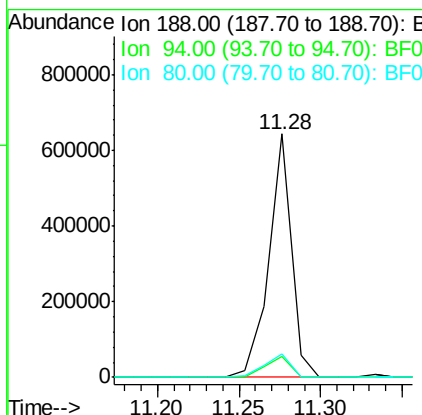
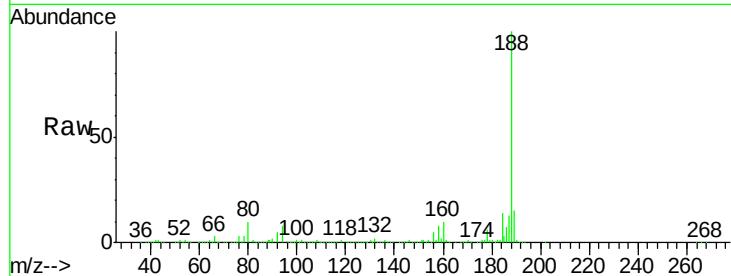
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-IMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	6.1	9.1
80	9.5	7.0	10.6

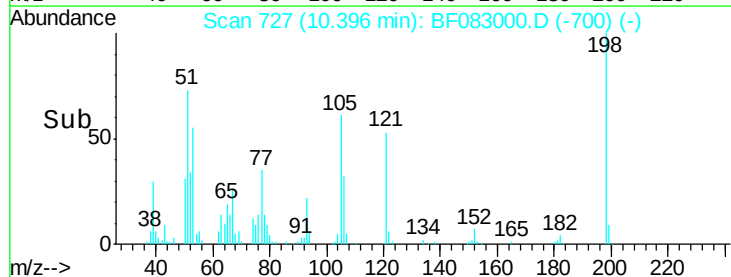
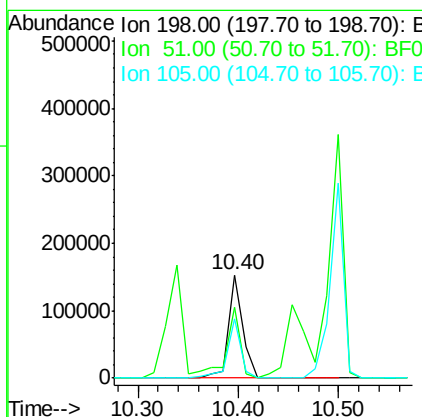
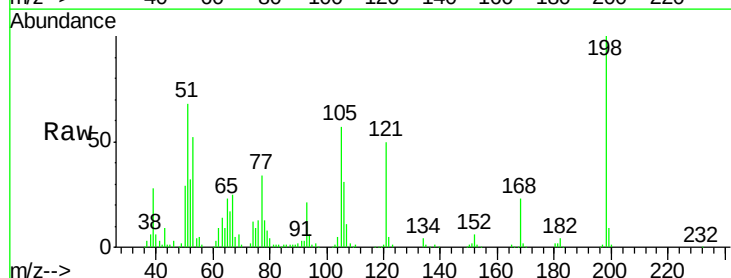
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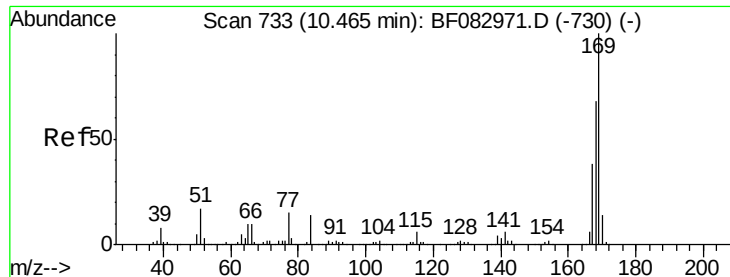
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.18 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	68.2	17.3	57.3#
105	57.1	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 42.04 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

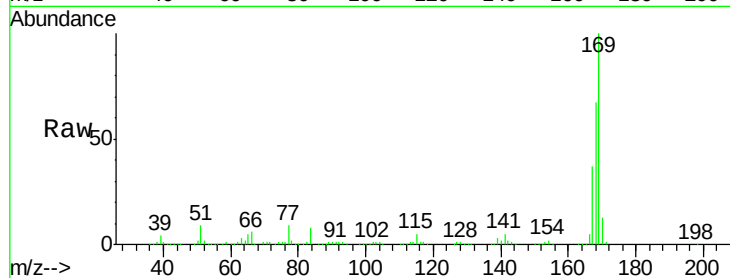
ClientSampleId :

COMP-IMS

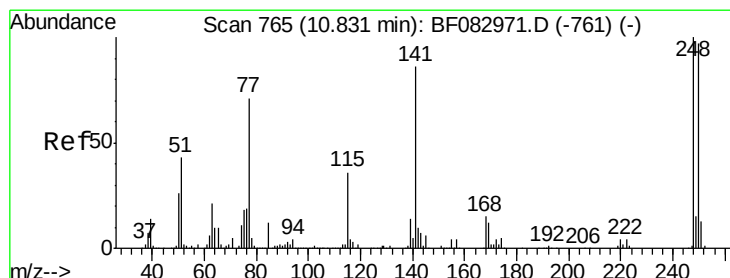
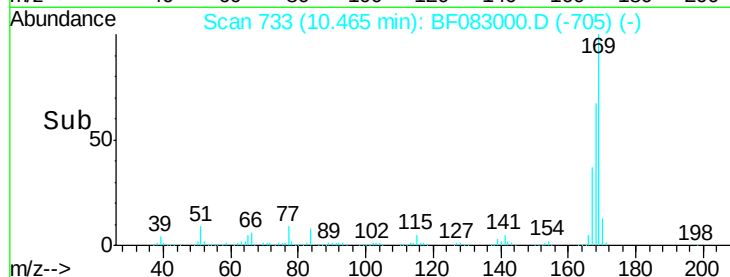
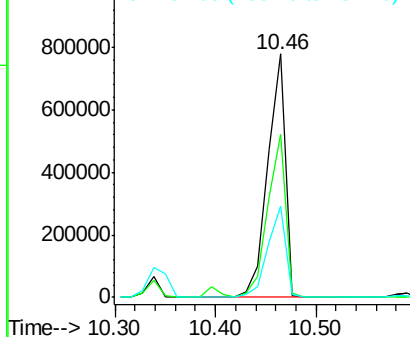
Tgt Ion:	169	Resp:	946579
Ion Ratio	Lower	Upper	
169	100		
168	67.1	55.0	82.6
167	37.5	30.5	45.7

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



#66

4-Bromophenyl-phenylether

Concen: 42.30 ng

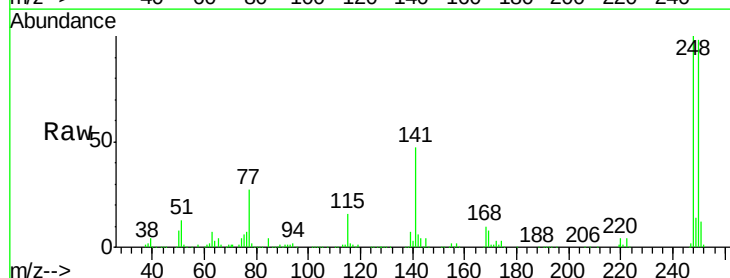
RT: 10.83 min Scan# 765

Delta R.T. 0.02 min

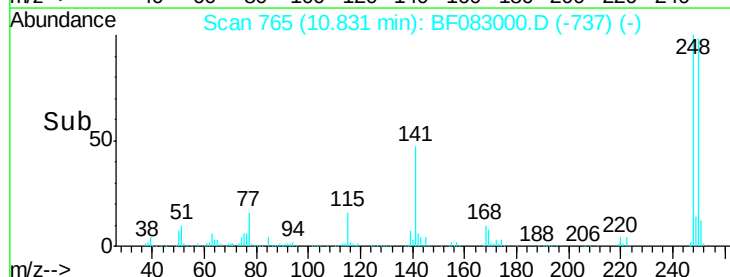
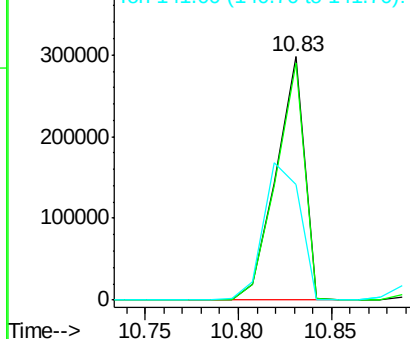
Lab File: BF083000.D

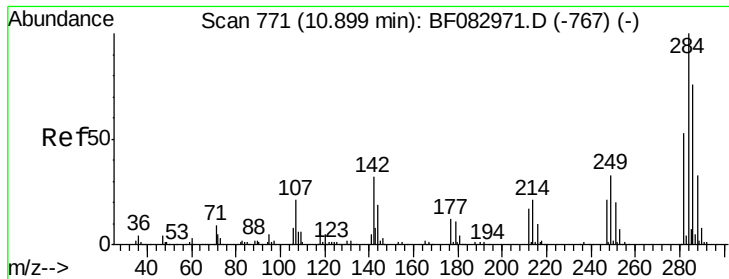
Acq: 18 Nov 2015 7:52

Tgt Ion:	248	Resp:	317422
Ion Ratio	Lower	Upper	
248	100		
250	97.6	79.4	119.2
141	47.3	36.3	54.5



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





#67

Hexachlorobenzene

Concen: 40.46 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF083000.D

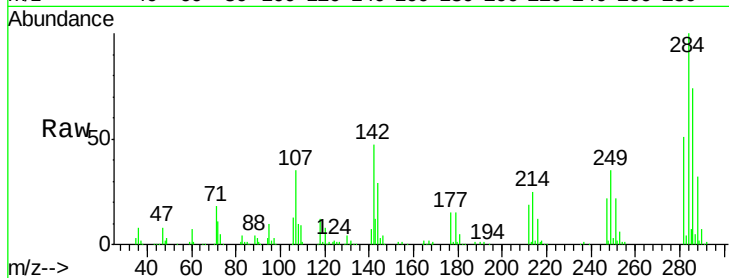
Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

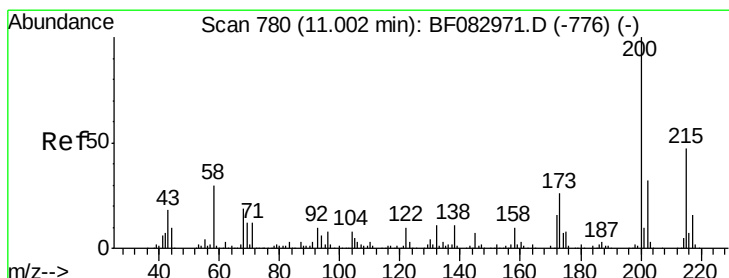
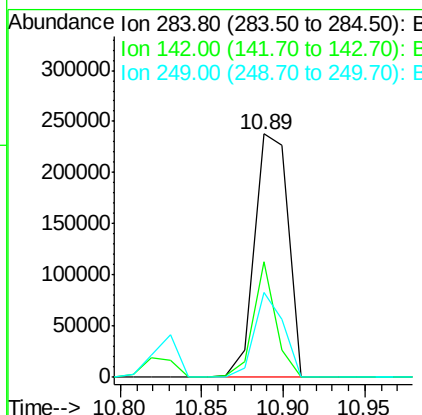
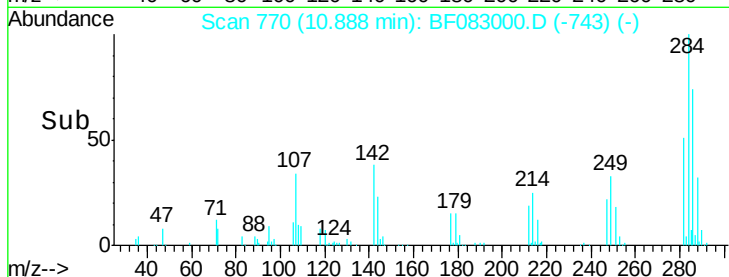
COMP-IMS



Tgt Ion:	284	Resp:	339058
Ion Ratio	Lower	Upper	
284	100		
142	47.3	47.9	71.9#
249	35.0	29.7	44.5

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#68

Atrazine

Concen: 40.71 ng

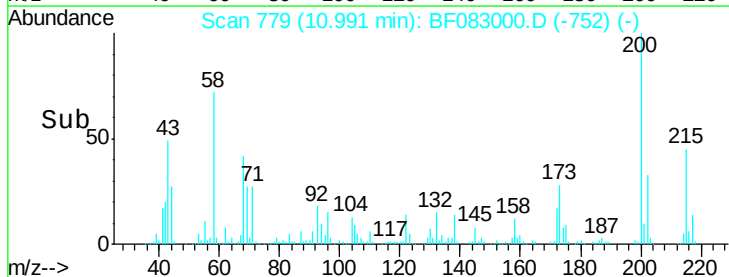
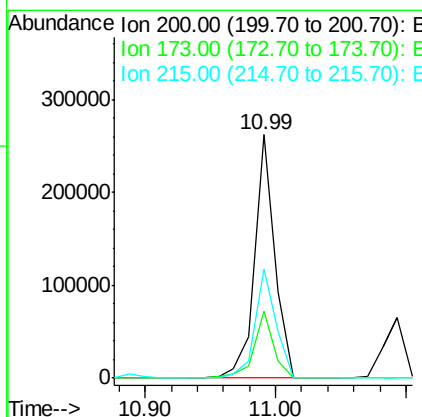
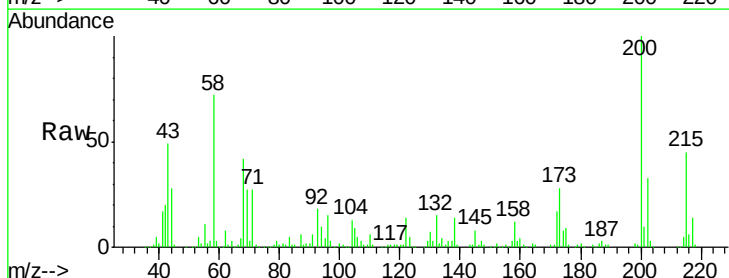
RT: 10.99 min Scan# 779

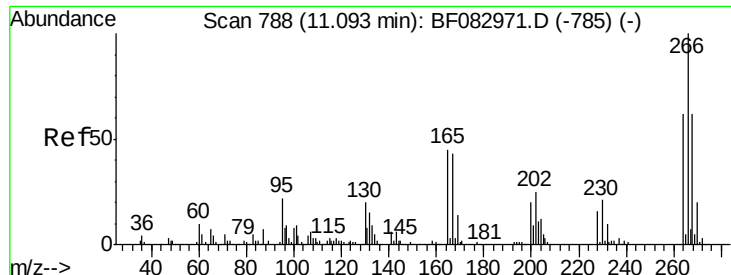
Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	200	Resp:	283449
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.9	46.9
215	44.9	22.9	62.9





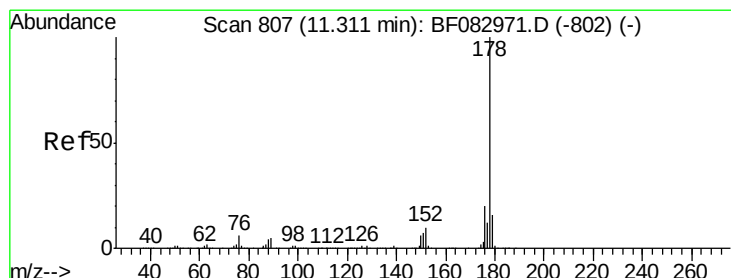
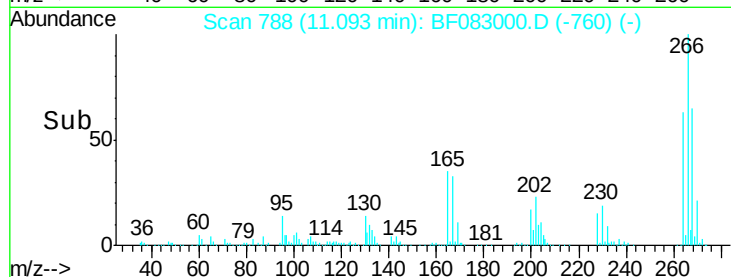
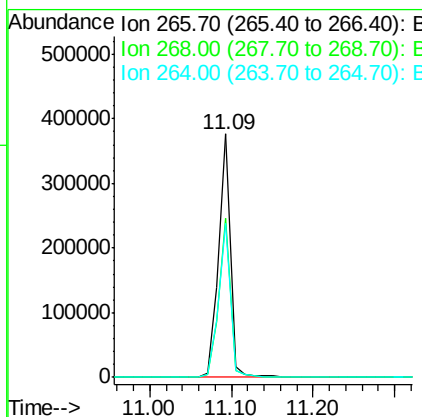
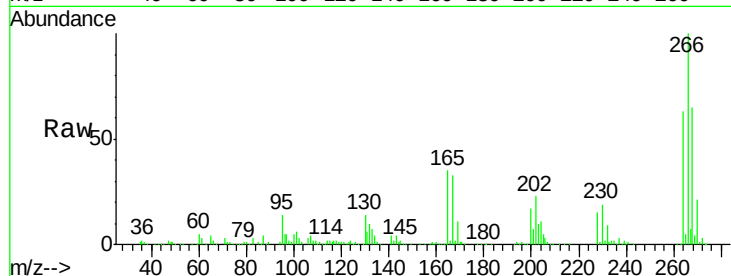
#69
 Pentachlorophenol
 Concen: 75.43 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	383839		
268	65.2	51.0	76.6	
264	63.5	50.6	75.8	

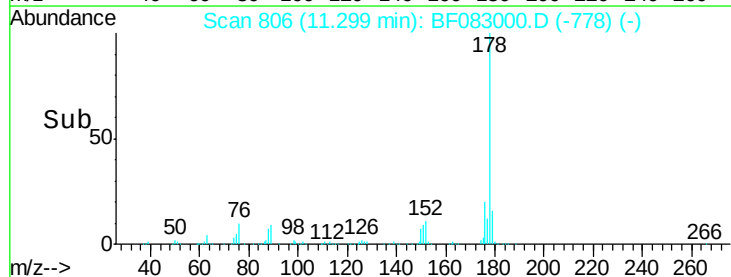
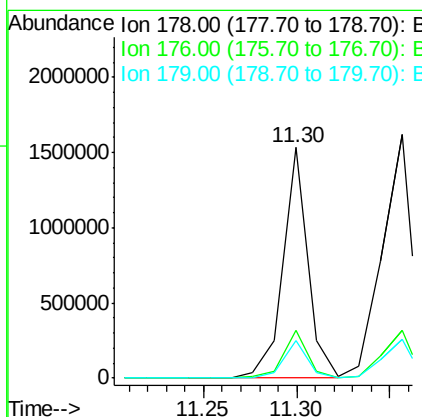
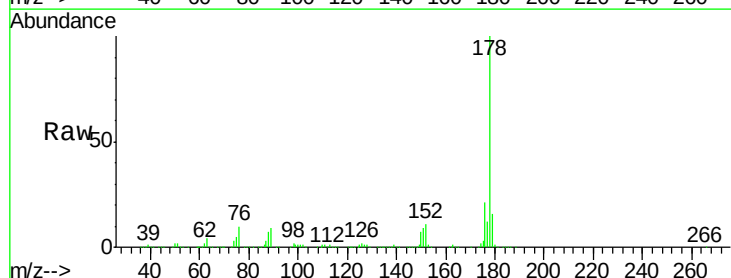
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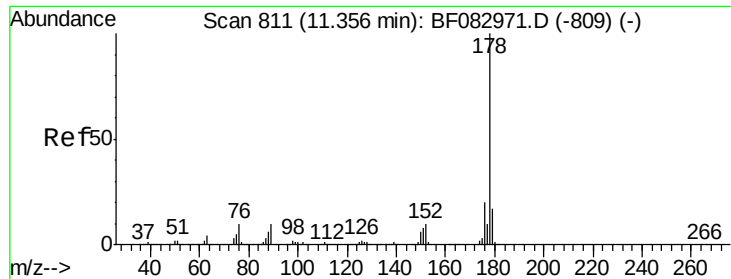
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#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1428032		
176	20.5	17.0	25.4	
179	16.3	13.4	20.0	





#71

Anthracene

Concen: 44.88 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:178 Resp: 1711106

Ion Ratio Lower Upper

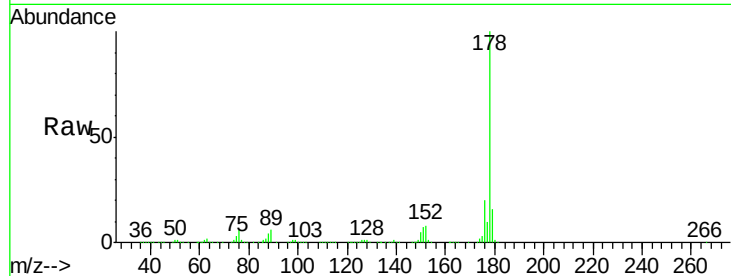
178 100

176 19.8 16.5 24.7

179 16.2 13.2 19.8

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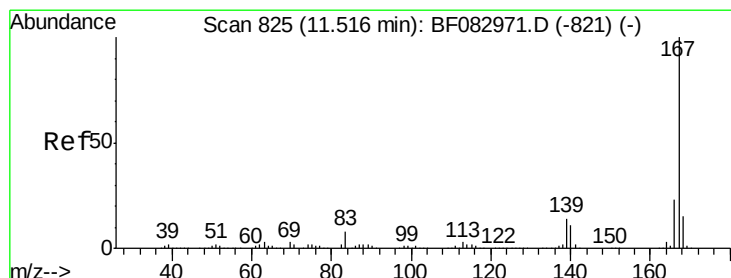
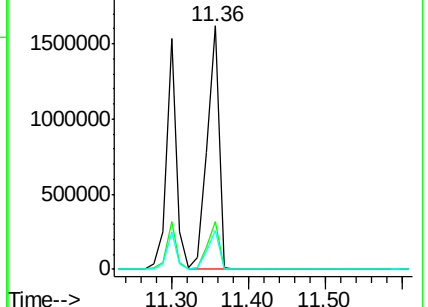
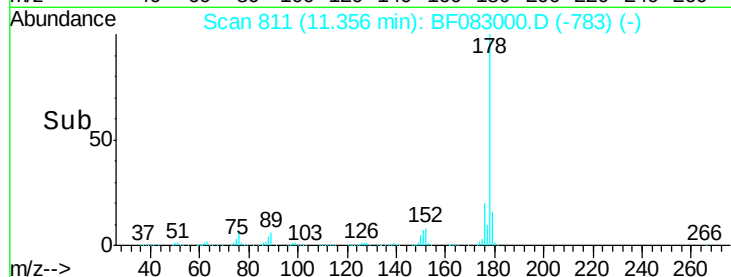
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.06 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

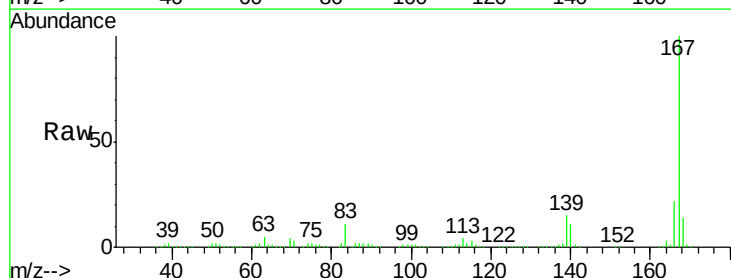
Tgt Ion:167 Resp: 1336784

Ion Ratio Lower Upper

167 100

166 22.4 18.7 28.1

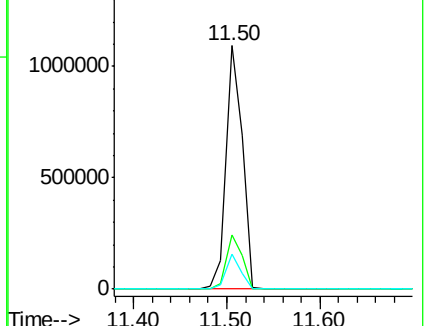
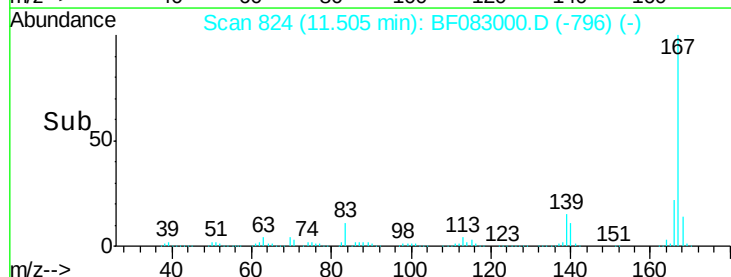
139 14.5 11.8 17.6

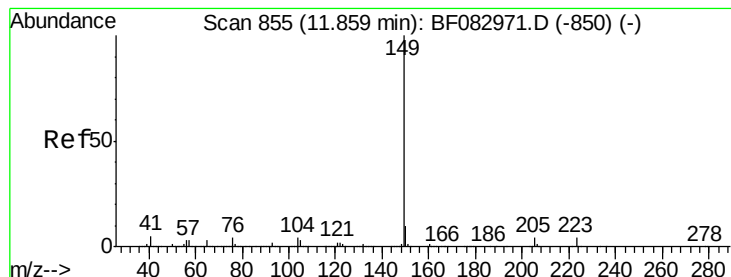


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





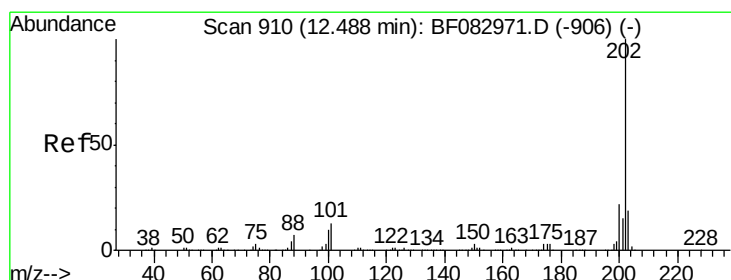
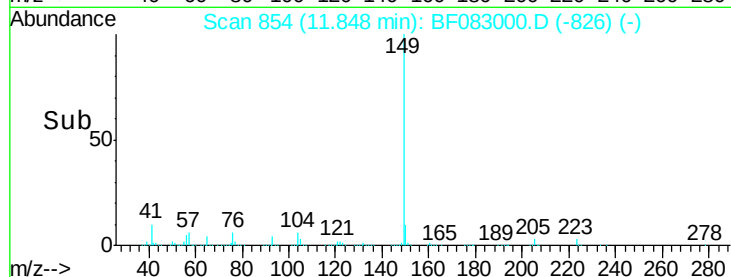
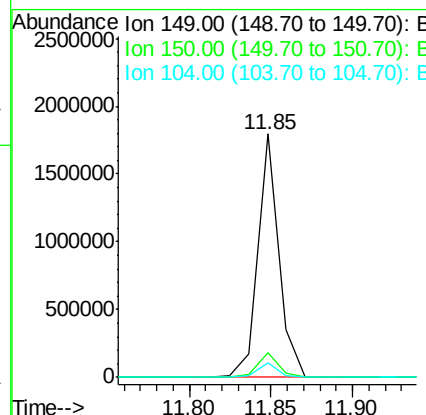
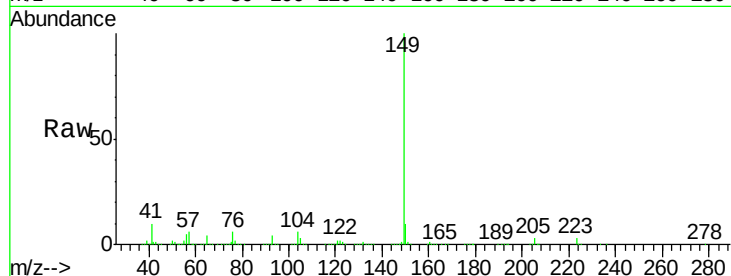
#73
Di-n-butylphthalate
Concen: 38.56 ng
RT: 11.85 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.8	5.2	7.8

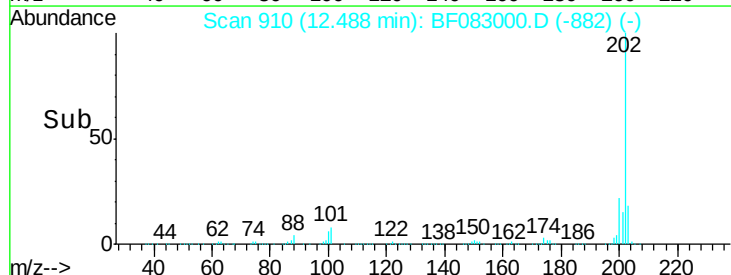
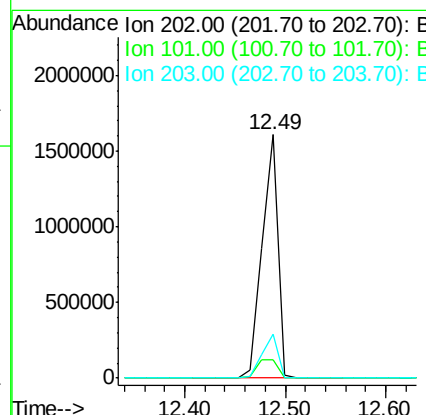
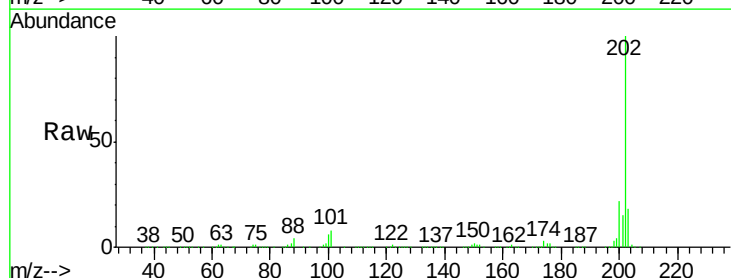
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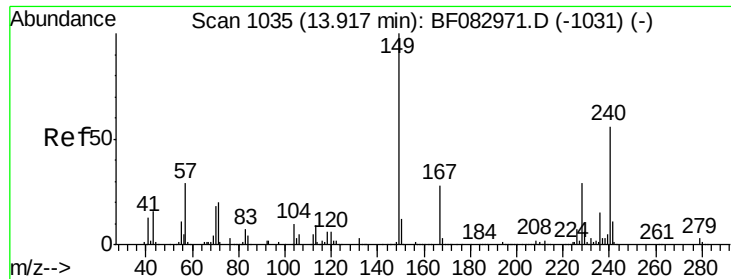
mohammad
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#74
Fluoranthene
Concen: 45.10 ng
RT: 12.49 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

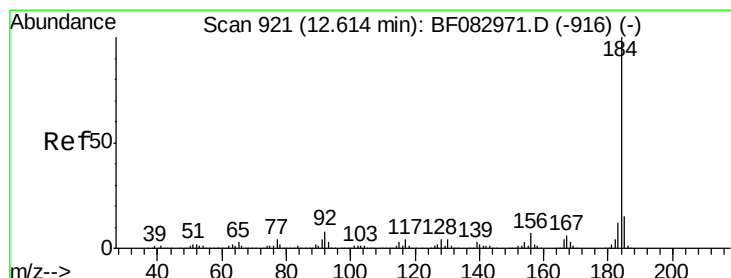
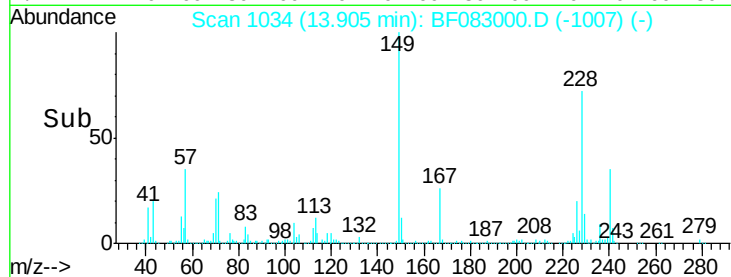
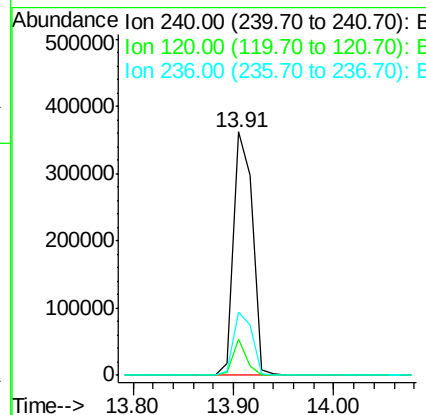
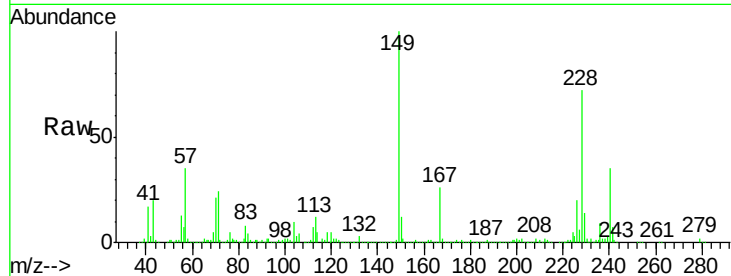
ClientSampleId :

COMP-1MS

Tgt Ion:	240	Resp:	476209
Ion Ratio	Lower	Upper	
240	100		
120	14.8	10.9	16.3
236	25.9	21.6	32.4

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#76

Benzidine

Concen: 41.90 ng

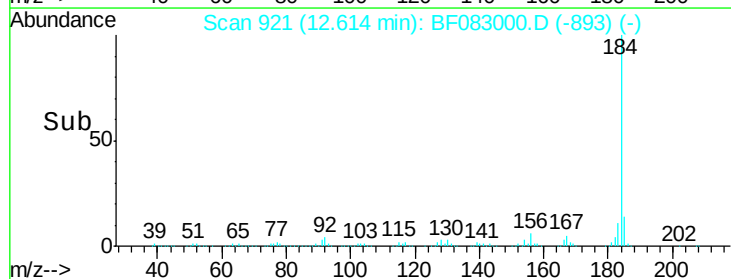
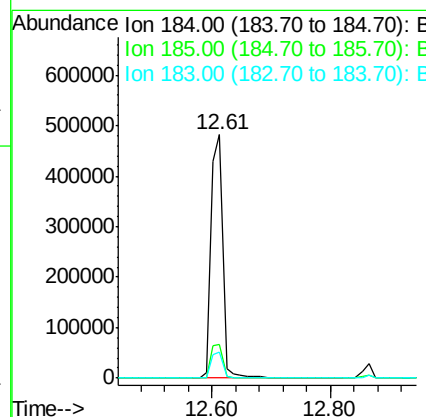
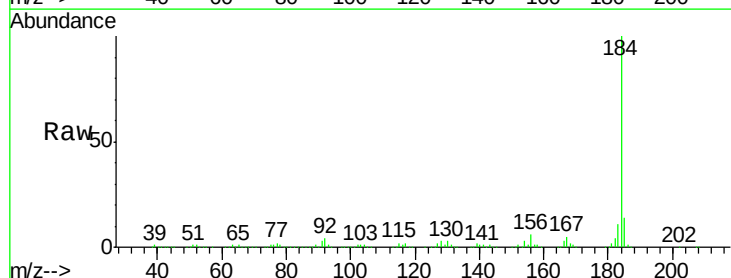
RT: 12.61 min Scan# 921

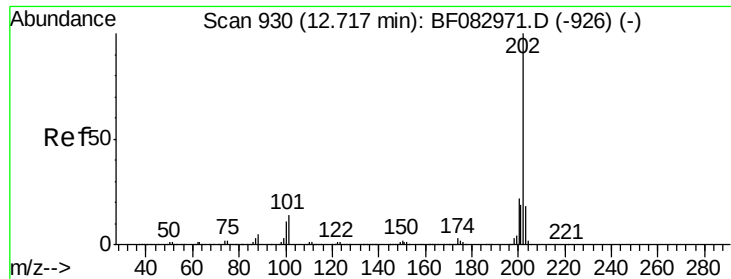
Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Tgt Ion:	184	Resp:	668667
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.0	18.0
183	10.9	9.6	14.4





#77
 Pyrene
 Concen: 52.84 ng
 RT: 12.72 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

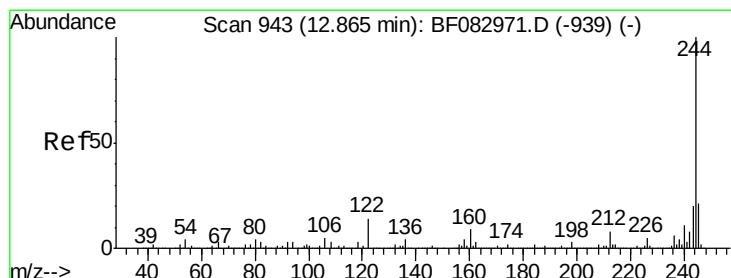
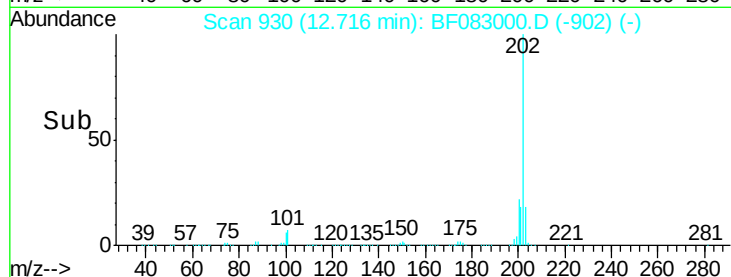
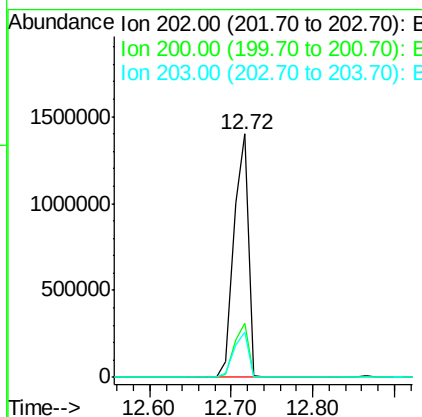
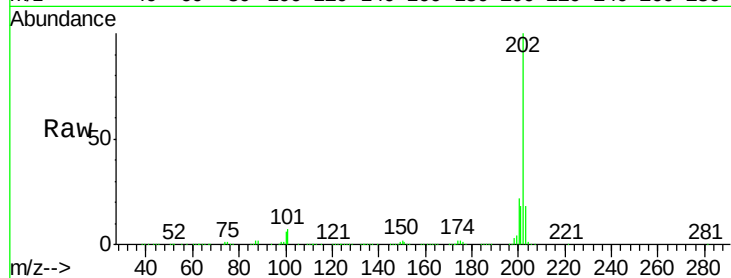
Instrument :
 BNA_F
 ClientSampleId :
 COMP-IMS

Tgt Ion: 202 Resp: 1727933

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	18.5	14.8	22.2

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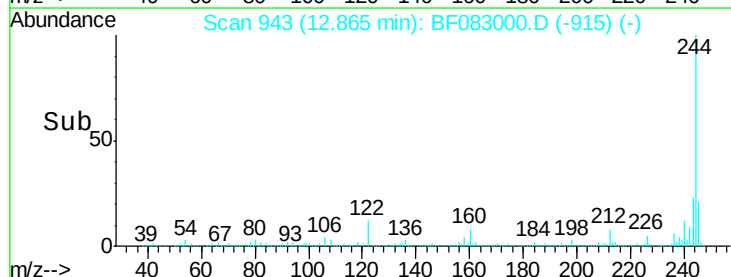
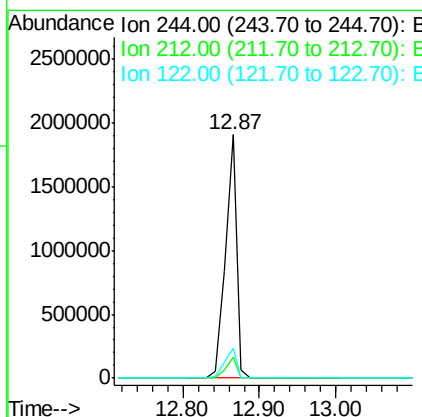
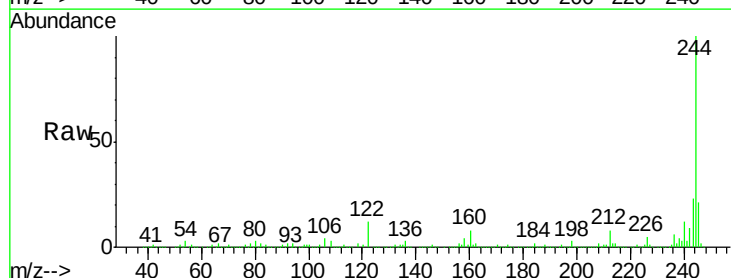
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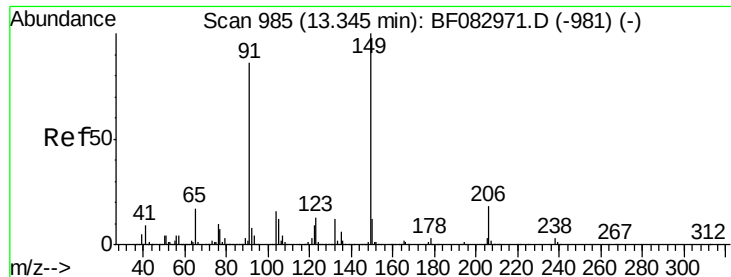


#78
 Terphenyl-d14
 Concen: 98.25 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion: 244 Resp: 1972636

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	12.0	11.3	16.9





#79

Butylbenzylphthalate

Concen: 58.21 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:149 Resp: 841070
Ion Ratio Lower Upper

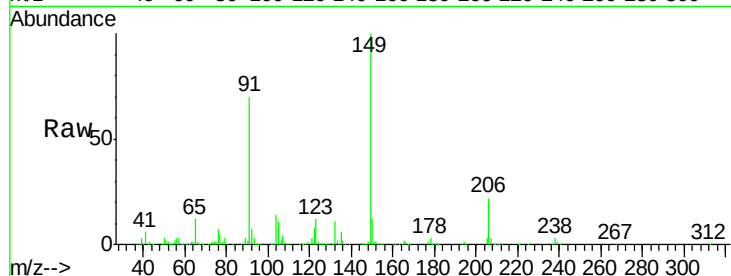
149 100

91 69.8 67.7 101.5

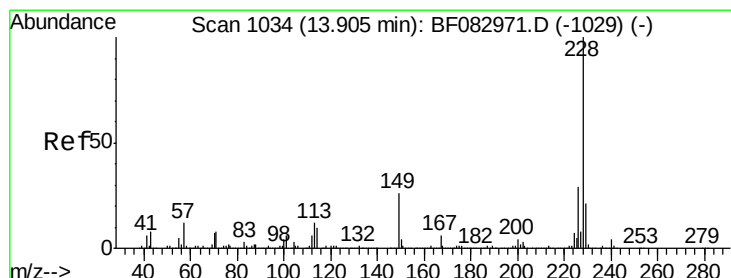
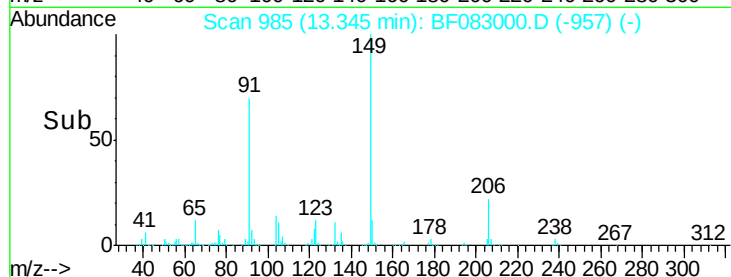
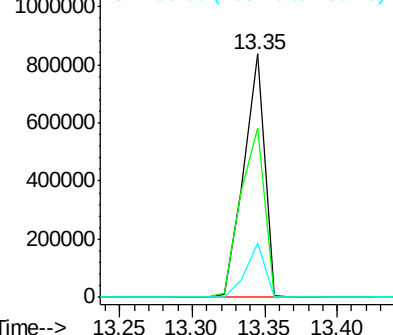
206 22.2 14.6 22.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.75 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF083000.D

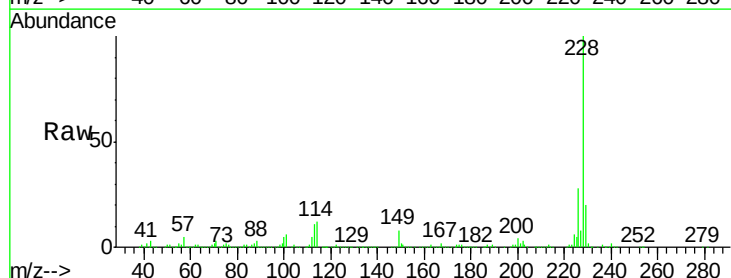
Acq: 18 Nov 2015 7:52

Tgt Ion:228 Resp: 1451776
Ion Ratio Lower Upper

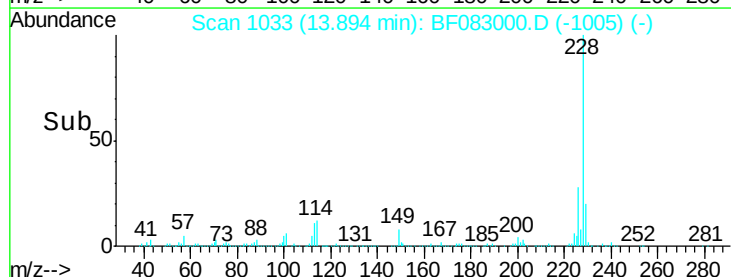
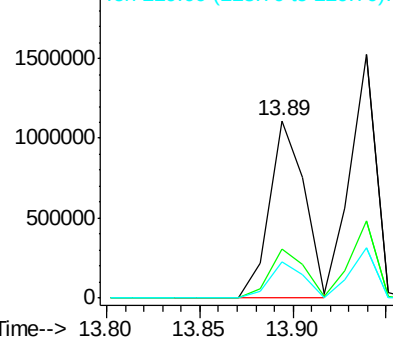
228 100

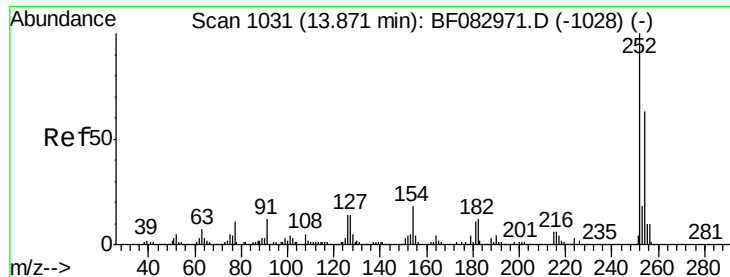
226 27.9 23.4 35.2

229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





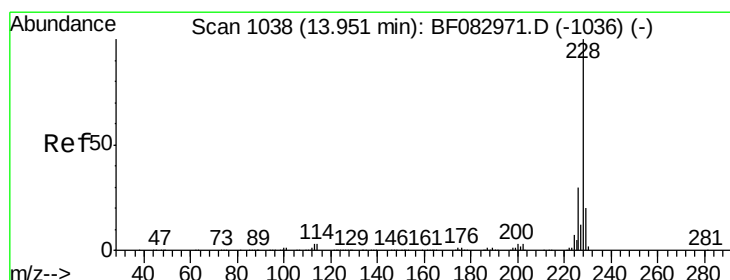
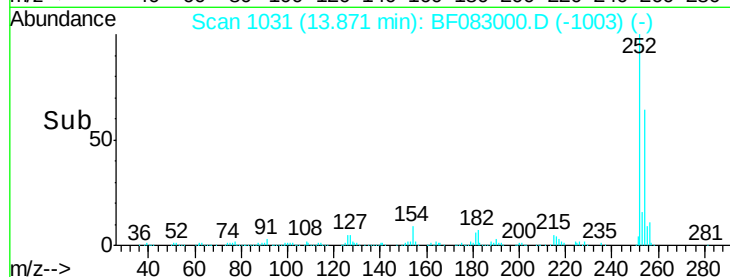
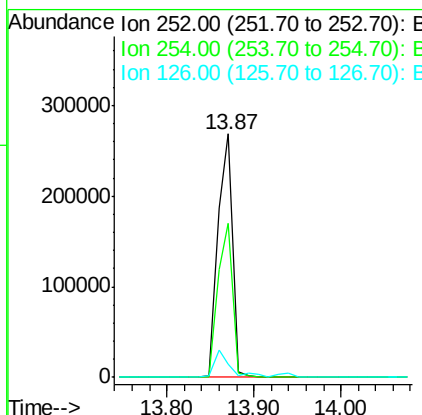
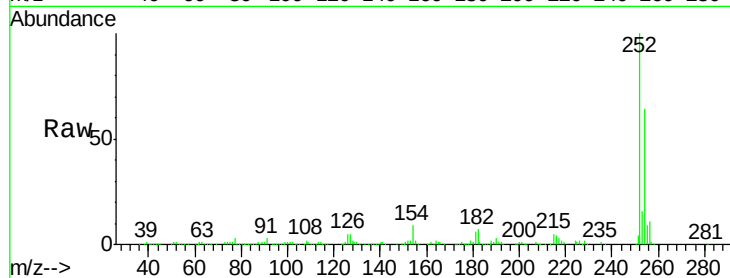
#81
 3,3'-Dichlorobenzidine
 Concen: 30.56 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.4	77.0
126	5.3	10.7	16.1

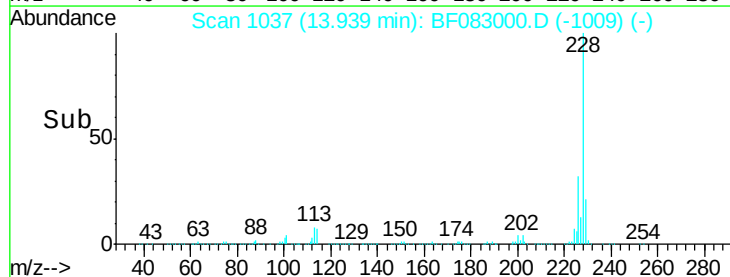
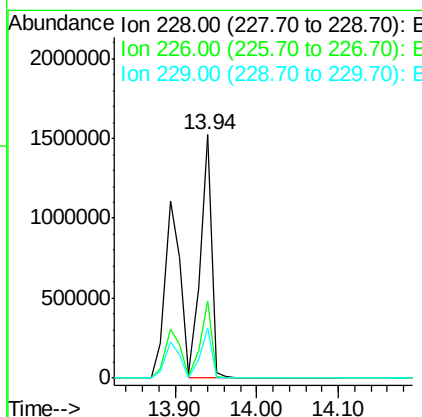
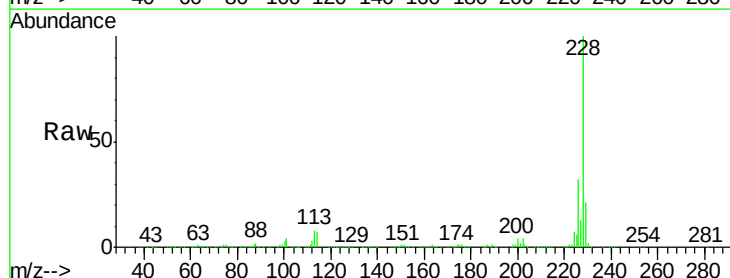
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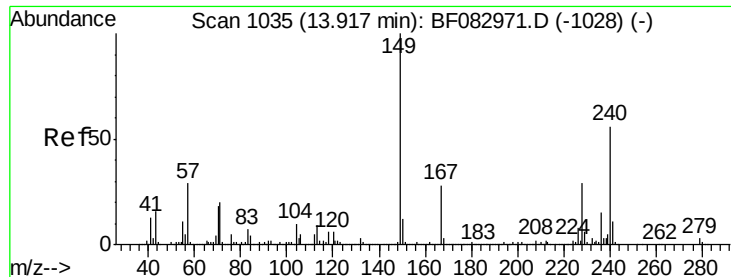
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#82
 Chrysene
 Concen: 53.84 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.5	38.3
229	20.7	16.3	24.5





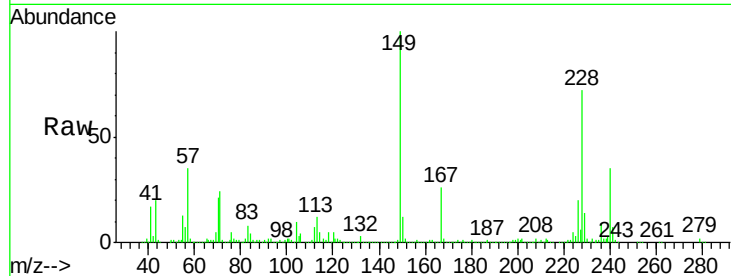
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.64 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

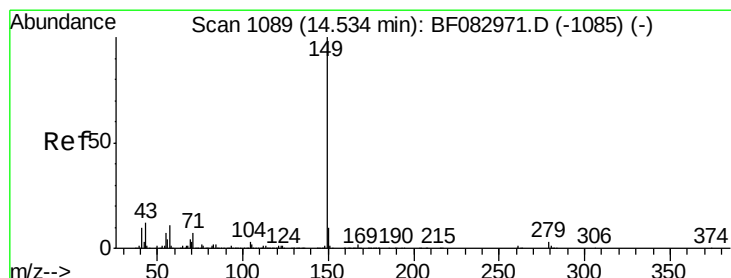
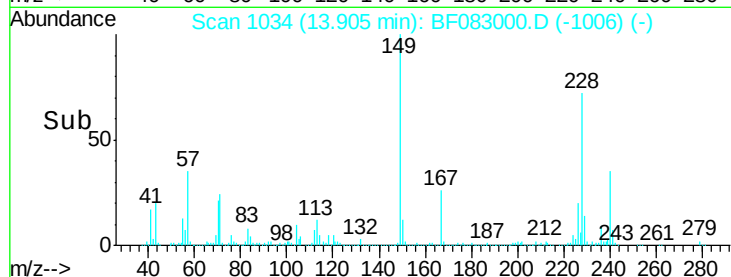
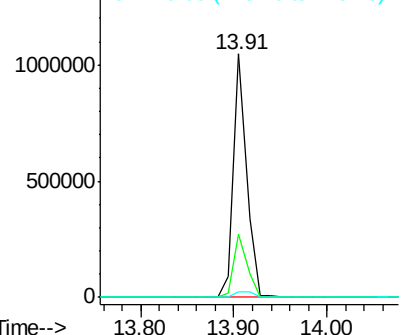
Tgt Ion:149 Resp: 1021164
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 2.3 2.2 3.2

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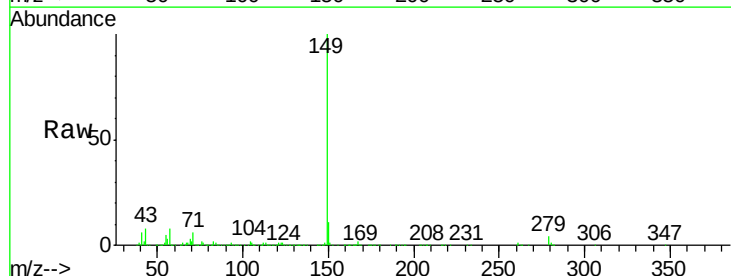


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

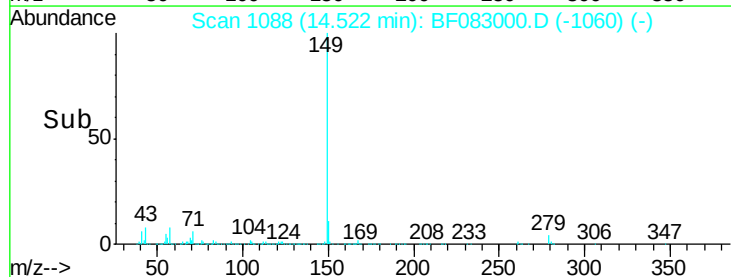
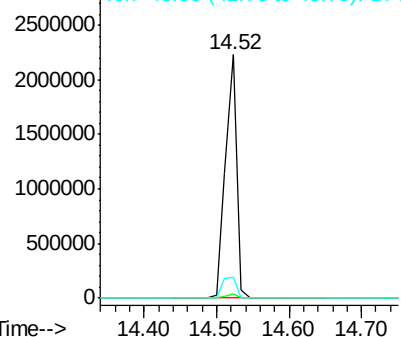


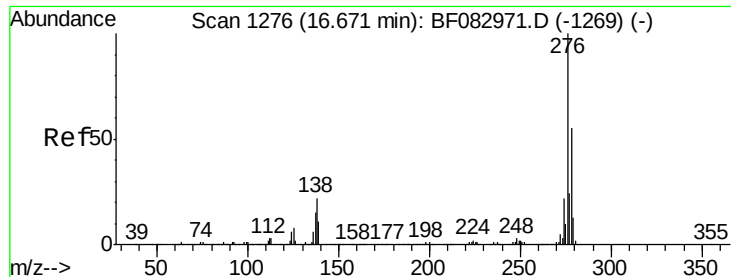
#84
 Di-n-octyl phthalate
 Concen: 72.60 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.02 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Tgt Ion:149 Resp: 2394678
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 63.91 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.05 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:276 Resp: 1501351

Ion Ratio Lower Upper

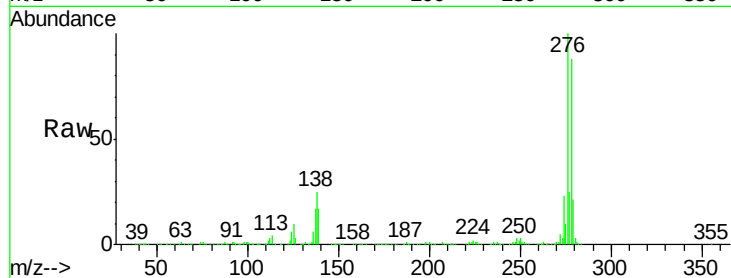
276 100

138 25.7 15.3 22.9#

277 25.1 20.2 30.4

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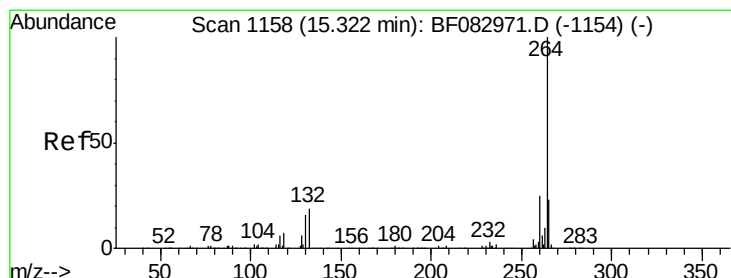
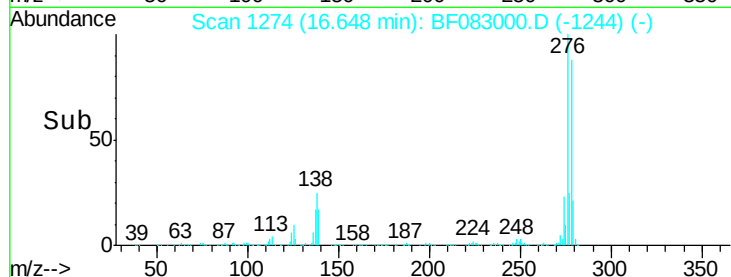
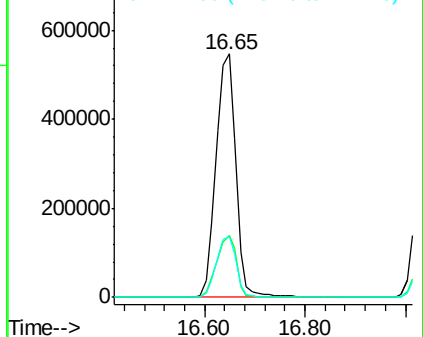
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.30 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BF083000.D

Acq: 18 Nov 2015 7:52

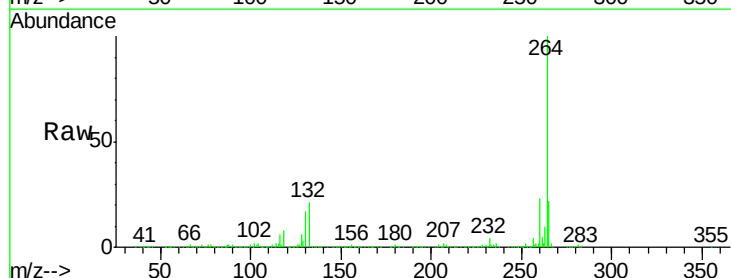
Tgt Ion:264 Resp: 587482

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

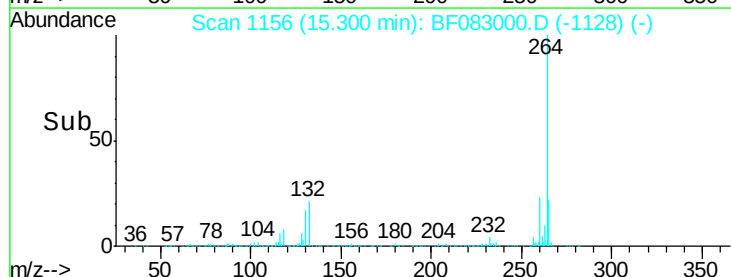
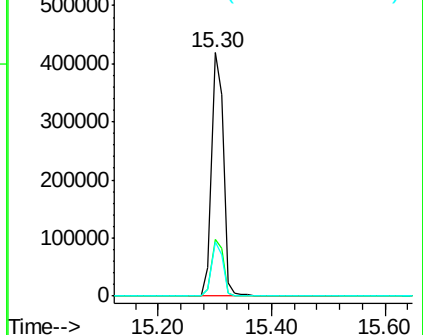
265 22.2 17.4 26.0

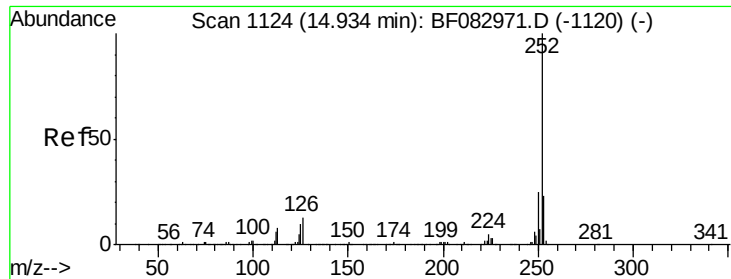


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





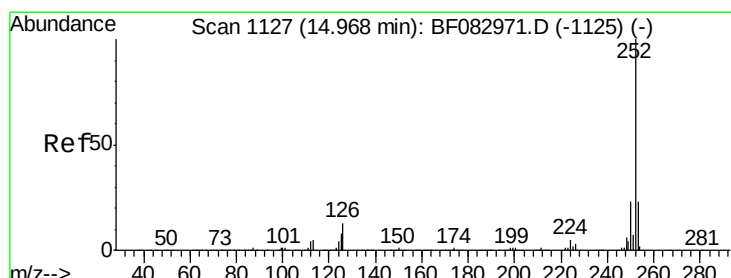
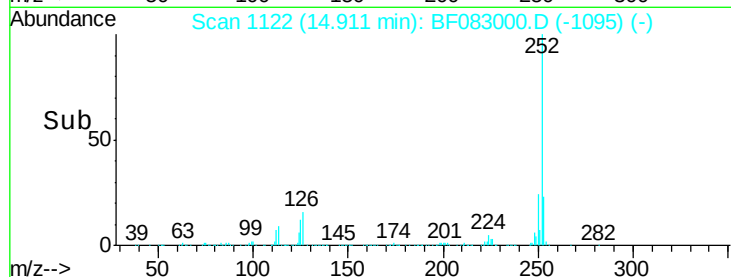
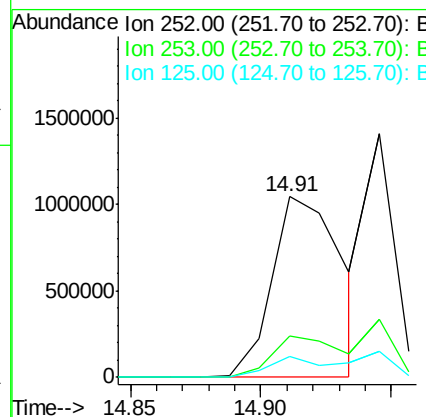
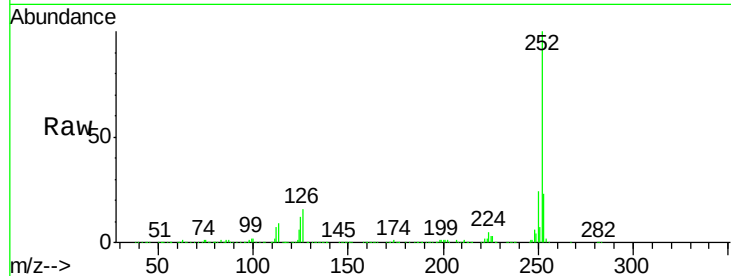
#87
Benzo(b)fluoranthene
Concen: 51.63 ng m
RT: 14.91 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:252 Resp: 1947059
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.9 5.4 8.2#

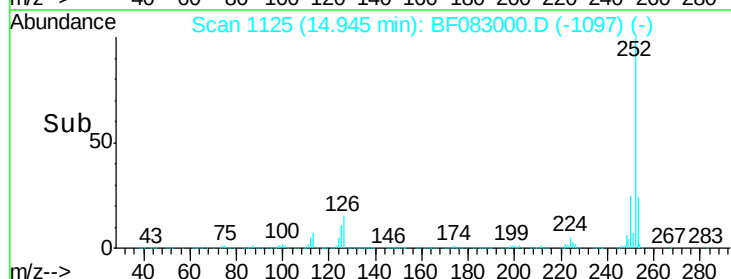
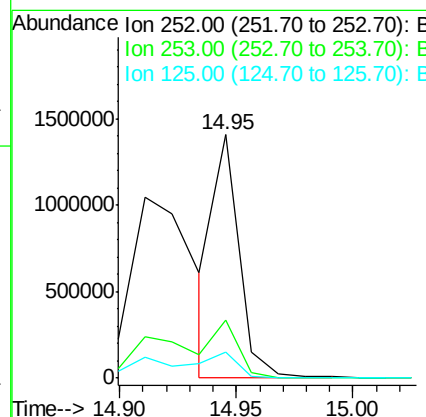
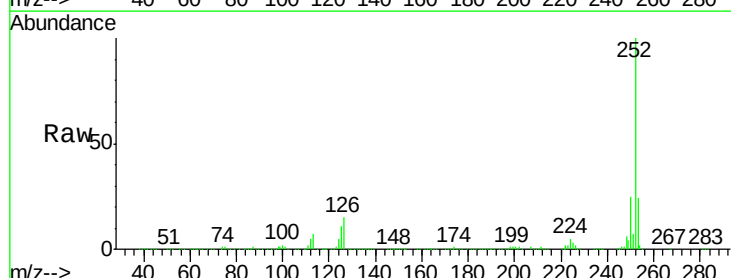
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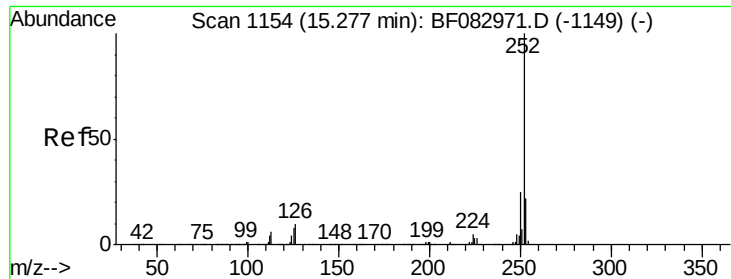
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#88
Benzo(k)fluoranthene
Concen: 32.82 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion:252 Resp: 1097831
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.5 3.5 5.3#





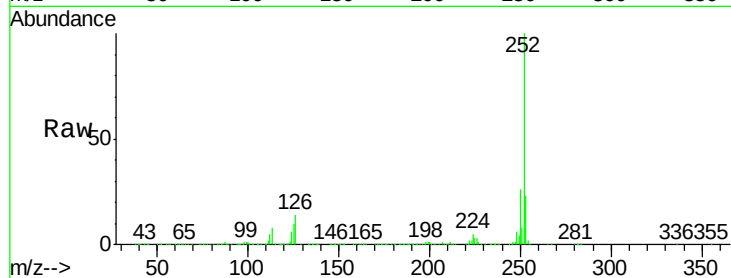
#89
Benzo(a)pyrene
Concen: 43.90 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.02 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

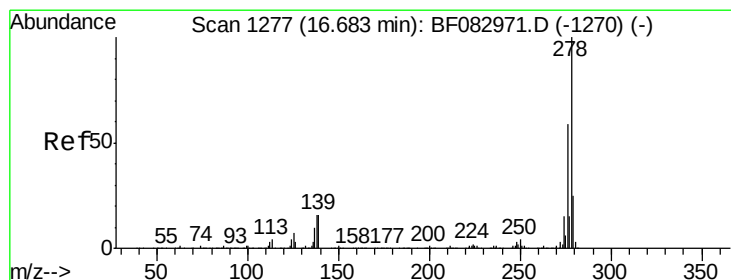
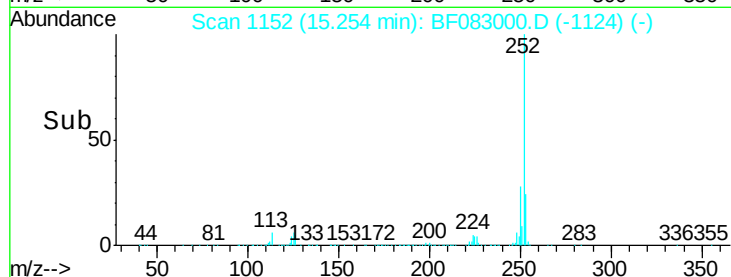
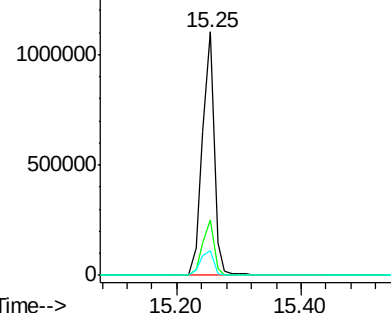
Tgt Ion: 252 Resp: 1434347
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.4 7.1 10.7

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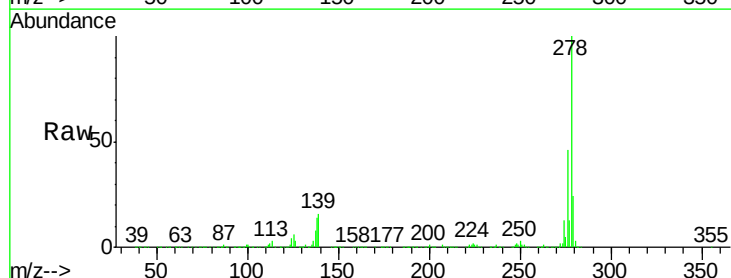


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

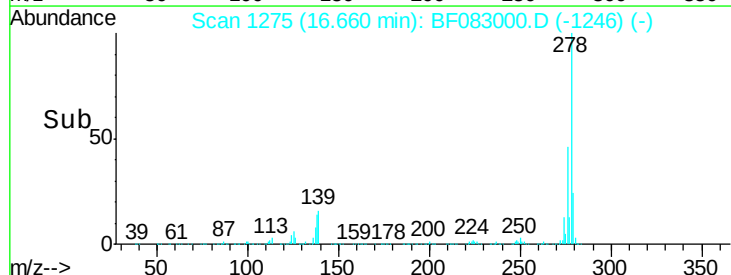
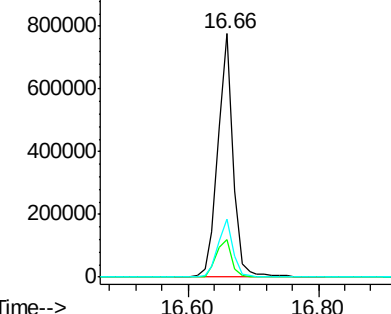


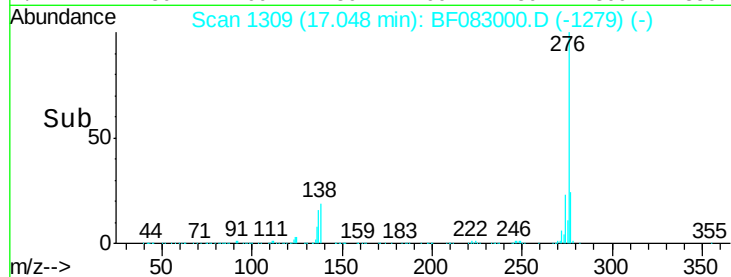
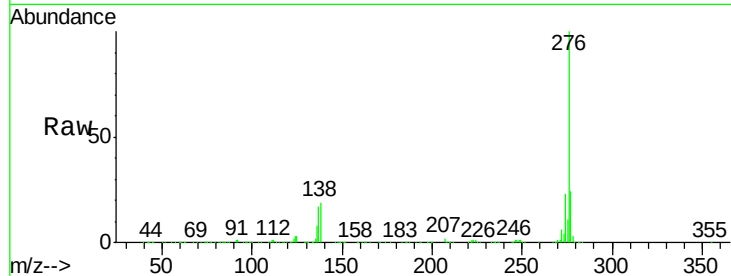
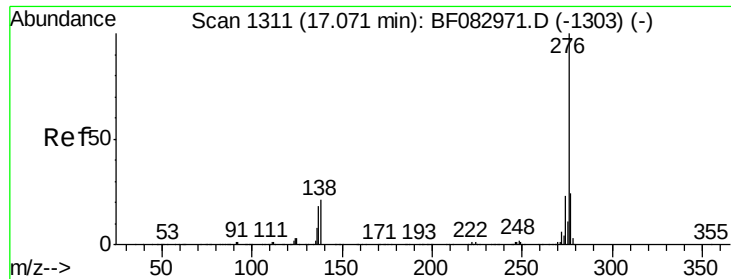
#90
Dibenzo(a,h)anthracene
Concen: 44.87 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.03 min
Lab File: BF083000.D
Acq: 18 Nov 2015 7:52

Tgt Ion: 278 Resp: 1241295
Ion Ratio Lower Upper
278 100
139 15.6 9.9 14.9#
279 24.0 19.6 29.4



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





#91
 Benzo(g,h,i)perylene
 Concen: 46.49 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF083000.D
 Acq: 18 Nov 2015 7:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	19.5	13.1	19.7

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