

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082995.D
 Acq On : 18 Nov 2015 5:21
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:25:47 AM

Quant Time: Nov 18 07:05:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	235571m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	881044	20.00	ng	-0.10
38) Acenaphthene-d10	9.80	164	472733	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	869194	20.00	ng	-0.10
75) Chrysene-d12	13.92	240	822505	20.00	ng	-0.10
86) Perylene-d12	15.30	264	769855	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1304448	86.16	ng	-0.09
7) Phenol-d6	6.42	99	1615539	80.26	ng	-0.07
23) Nitrobenzene-d5	7.33	82	1573365	77.70	ng	-0.08
41) 2,4,6-Tribromophenol	10.59	330	372471	68.72	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2272212	68.89	ng	-0.09
78) Terphenyl-d14	12.87	244	2544812	73.38	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	352525	53.96	ng	97
3) Pyridine	2.93	79	916118	48.33	ng	98
4) n-Nitrosodimethylamine	2.90	42	375863	39.98	ng	# 72
6) Aniline	6.42	93	1024238m	36.24	ng	
8) 2-Chlorophenol	6.54	128	664910	39.62	ng	85
9) Benzaldehyde	6.29	77	426871m	38.39	ng	
10) Phenol	6.43	94	957931	41.94	ng	85
11) bis(2-Chloroethyl)ether	6.50	93	688352	40.30	ng	91
12) 1,3-Dichlorobenzene	6.69	146	674361	35.63	ng	93
13) 1,4-Dichlorobenzene	6.77	146	721926m	36.66	ng	
14) 1,2-Dichlorobenzene	6.93	146	696065	38.86	ng	97
15) Benzyl Alcohol	6.91	79	629443	35.61	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1031153	41.16	ng	93
17) 2-Methylphenol	7.04	107	596173	41.94	ng	98
18) Hexachloroethane	7.28	117	267265	37.94	ng	# 78
19) n-Nitroso-di-n-propylamine	7.18	70	507861	34.32	ng	89
20) 3+4-Methylphenols	7.18	107	661786	35.81	ng	# 74
22) Acetophenone	7.17	105	913957	36.20	ng	# 97
24) Nitrobenzene	7.34	77	712979	34.43	ng	91
25) Isophorone	7.58	82	1453655	38.80	ng	97
26) 2-Nitrophenol	7.66	139	390458	45.18	ng	# 63
27) 2,4-Dimethylphenol	7.71	122	552140	35.55	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	770770	36.47	ng	# 98
29) 2,4-Dichlorophenol	7.92	162	578272	41.20	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	585230	37.08	ng	99
31) Naphthalene	8.06	128	1637015	33.68	ng	99
32) Benzoic acid	7.86	122	372203	35.01	ng	89
33) 4-Chloroaniline	8.12	127	846028	40.38	ng	# 89
34) Hexachlorobutadiene	8.19	225	352771	35.71	ng	98
35) Caprolactam	8.51	113	165217	37.34	ng	# 85
36) 4-Chloro-3-methylphenol	8.61	107	558882	33.86	ng	92
37) 2-Methylnaphthalene	8.76	142	1244679m	39.58	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	505254	32.52	ng	98
40) Hexachlorocyclopentadiene	8.92	237	302849	36.29	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
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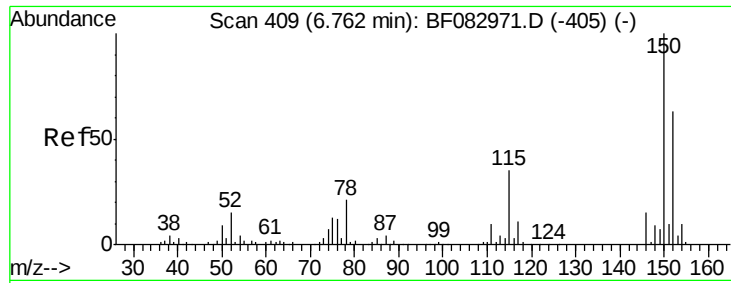
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 11/19/2015 8:25:47 AM

Quant Time: Nov 18 07:05:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	416019	35.88	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	397077	34.62	ng	95
45) 1,1'-Biphenyl	9.23	154	1453932	35.84	ng	98
46) 2-Chloronaphthalene	9.24	162	1091615	34.50	ng	96
47) 2-Nitroaniline	9.34	65	452900	38.58	ng	# 77
48) Acenaphthylene	9.66	152	1851520	37.34	ng	99
49) Dimethylphthalate	9.54	163	1465451	37.84	ng	99
50) 2,6-Dinitrotoluene	9.60	165	313880	37.98	ng	# 52
51) Acenaphthene	9.84	154	1232907	39.23	ng	98
52) 3-Nitroaniline	9.76	138	316438	34.82	ng	# 88
53) 2,4-Dinitrophenol	9.86	184	142832	31.48	ng	# 24
54) Dibenzofuran	10.01	168	1609921	37.99	ng	# 88
55) 4-Nitrophenol	9.94	139	273200	39.18	ng	# 72
56) 2,4-Dinitrotoluene	10.00	165	456501	40.71	ng	# 83
57) Fluorene	10.35	166	1267566	36.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	319594	34.14	ng	# 87
59) Diethylphthalate	10.24	149	1427191	37.74	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	540180	31.46	ng	# 89
61) 4-Nitroaniline	10.37	138	365747	40.02	ng	# 79
62) Azobenzene	10.50	77	1526987	37.59	ng	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	262228	42.35	ng	82
65) n-Nitrosodiphenylamine	10.46	169	1191475	37.94	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	401332	38.35	ng	# 89
67) Hexachlorobenzene	10.90	284	448701	38.40	ng	# 61
68) Atrazine	10.99	200	339886	35.00	ng	97
69) Pentachlorophenol	11.09	266	254442	35.85	ng	98
70) Phenanthrene	11.30	178	1719063	34.06	ng	99
71) Anthracene	11.36	178	1977247	37.19	ng	100
72) Carbazole	11.52	167	1826596	39.25	ng	97
73) Di-n-butylphthalate	11.85	149	1962886	33.85	ng	99
74) Fluoranthene	12.49	202	2006051	37.04	ng	99
76) Benzidine	12.61	184	1092548	39.63	ng	99
77) Pyrene	12.72	202	2212183	39.16	ng	99
79) Butylbenzylphthalate	13.35	149	1295029	51.90	ng	# 85
80) Benzo(a)anthracene	13.89	228	2116349	41.15	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	807910	44.18	ng	# 97
82) Chrysene	13.94	228	1984665	42.13	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	1393254	40.79	ng	99
84) Di-n-octyl phthalate	14.52	149	2661000	46.71	ng	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	1811825	44.66	ng	# 93
87) Benzo(b)fluoranthene	14.91	252	2167726m	43.87	ng	
88) Benzo(k)fluoranthene	14.95	252	1233672m	28.14	ng	
89) Benzo(a)pyrene	15.25	252	1604780	37.48	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	1471178	40.58	ng	# 97
91) Benzo(g,h,i)perylene	17.05	276	1516026	43.66	ng	97

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



#1

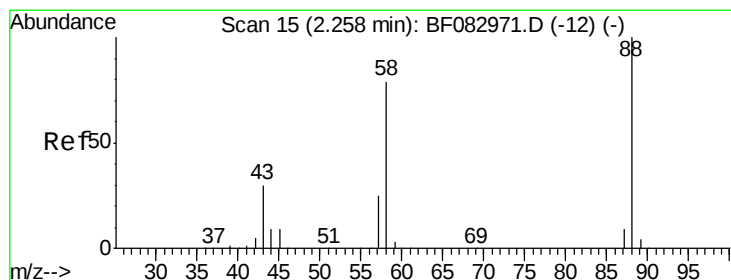
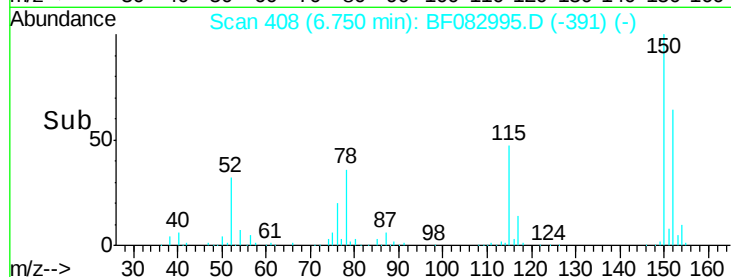
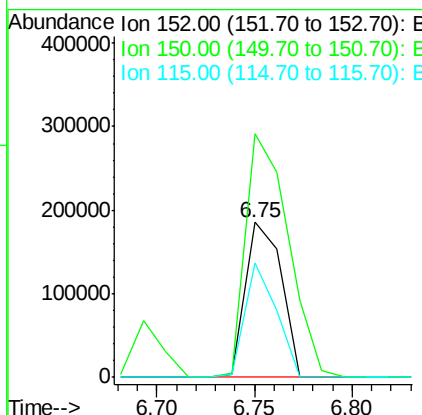
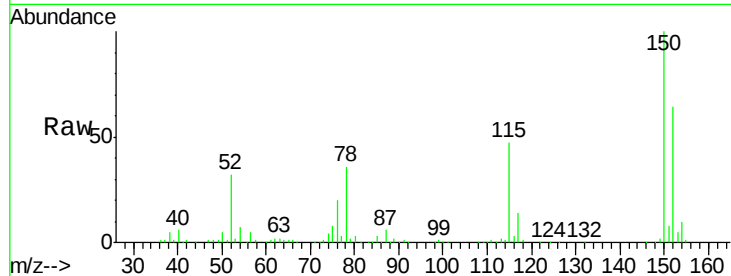
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	235571		
150	157.3	127.0	190.4	
115	73.7	47.0	70.6	

Manual Integrations
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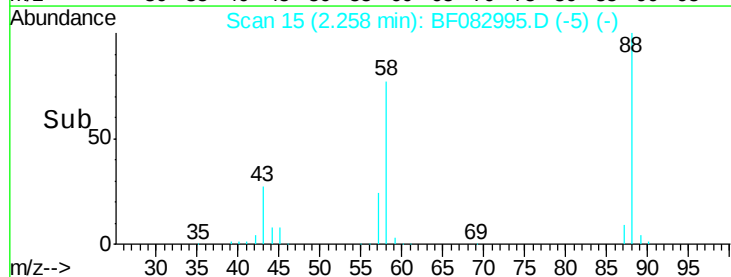
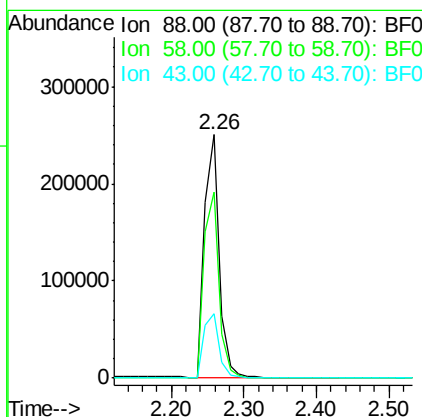
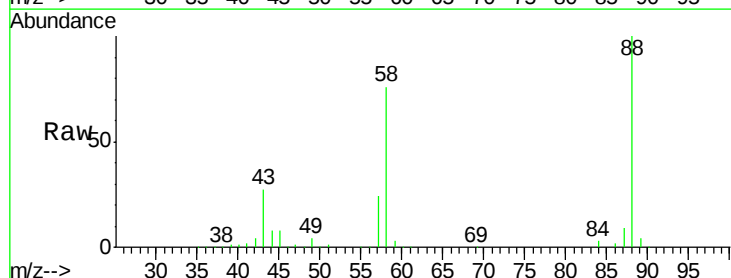
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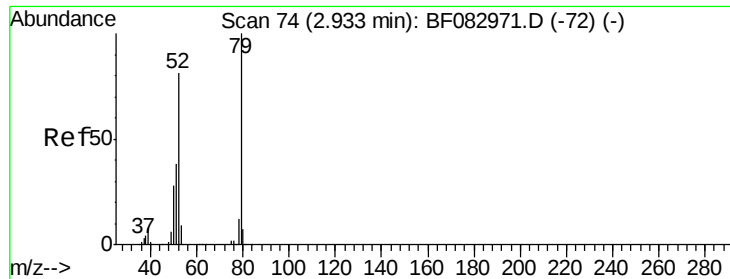


#2

1,4-Dioxane
Concen: 53.96 ng
RT: 2.26 min Scan# 15
Delta R.T. -0.18 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	352525		
58	77.9	62.0	93.0	
43	28.0	26.6	40.0	





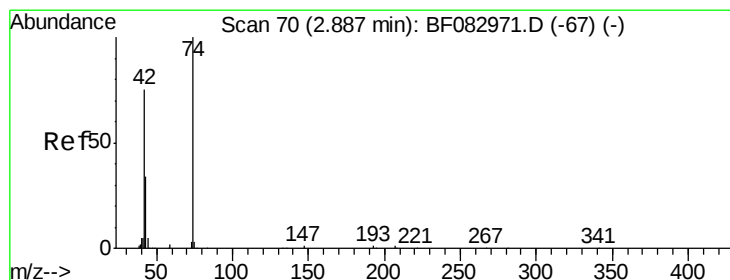
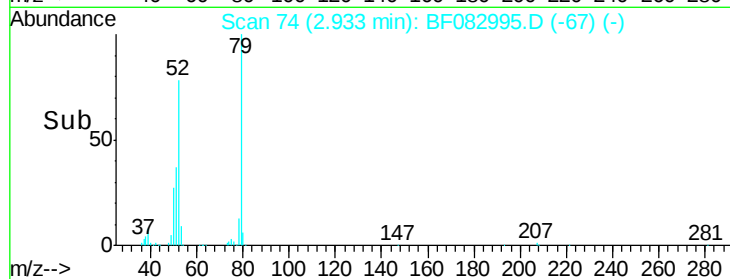
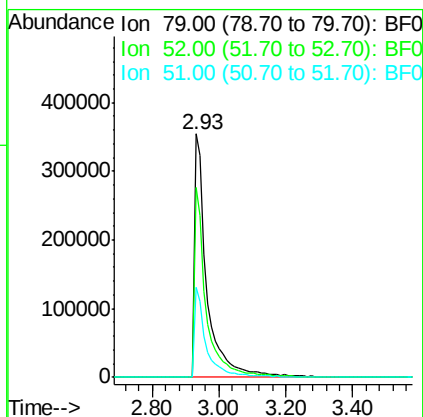
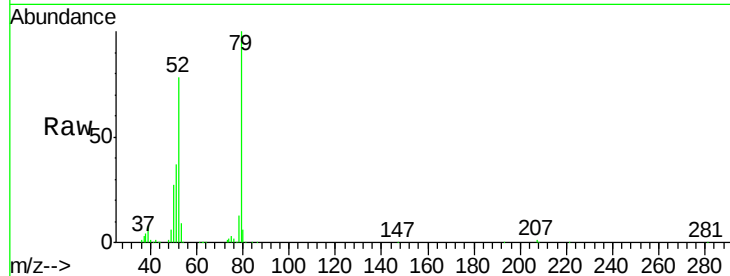
#3
 Pyridine
 Concen: 48.33 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.22 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.0	62.8	94.2
51	37.0	32.0	48.0

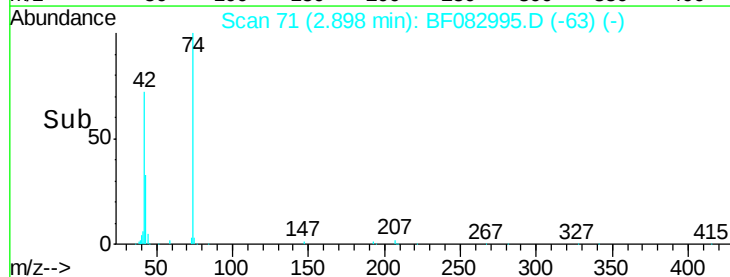
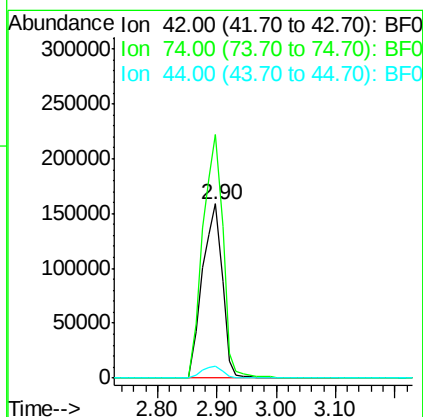
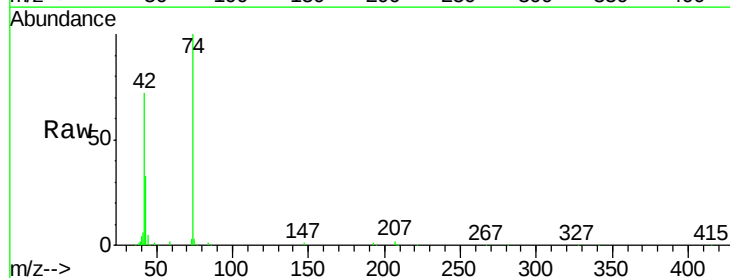
Manual Integrations
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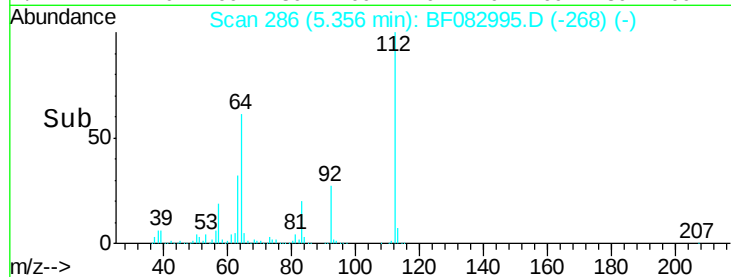
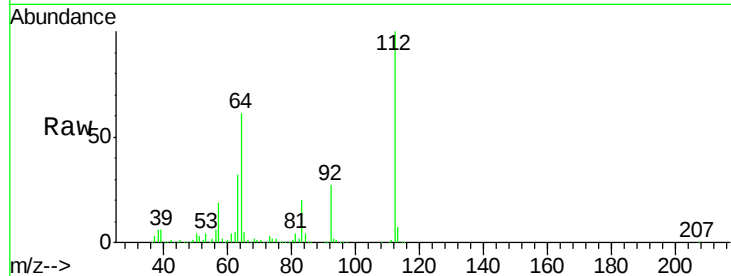
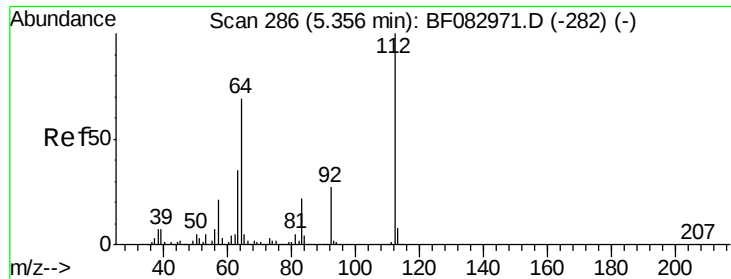
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#4
 n-Nitrosodimethylamine
 Concen: 39.98 ng
 RT: 2.90 min Scan# 71
 Delta R.T. -0.21 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.6	87.0	130.4#
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 86.16 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1304448

Ion Ratio Lower Upper

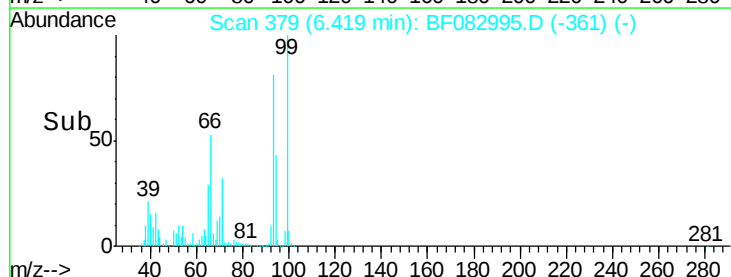
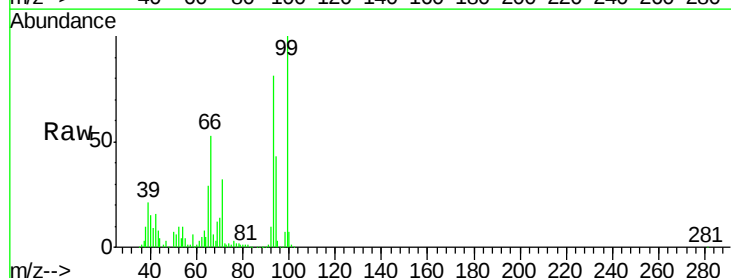
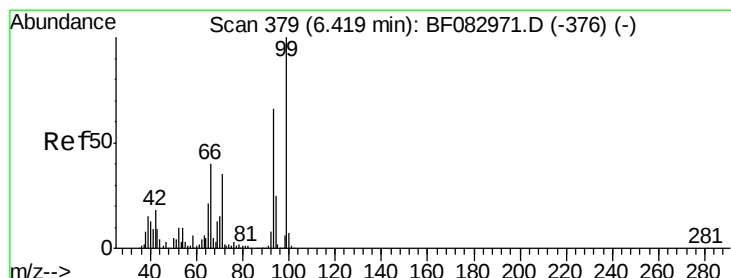
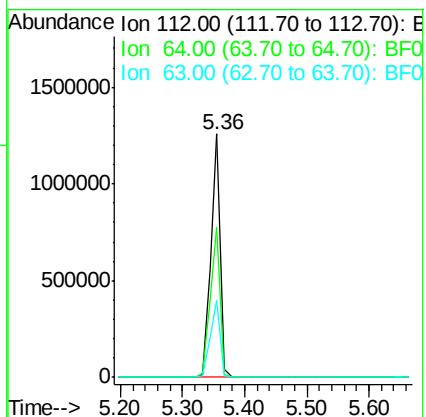
112 100

64 61.4 48.9 73.3

63 32.0 28.1 42.1

Manual Integrations
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#6

Aniline

Concen: 36.24 ng m

RT: 6.42 min Scan# 379

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

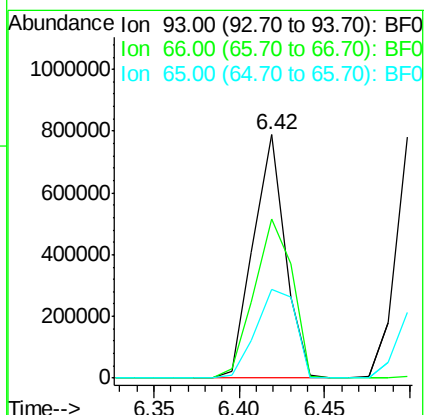
Tgt Ion: 93 Resp: 1024238

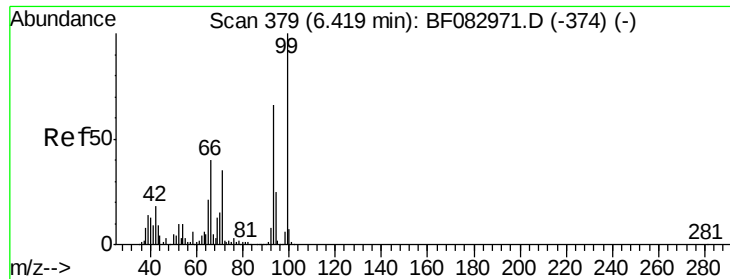
Ion Ratio Lower Upper

93 100

66 65.5 33.6 50.4#

65 36.4 18.1 27.1#





#7

Phenol-d6

Concen: 80.26 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 161539

Ion Ratio Lower Upper

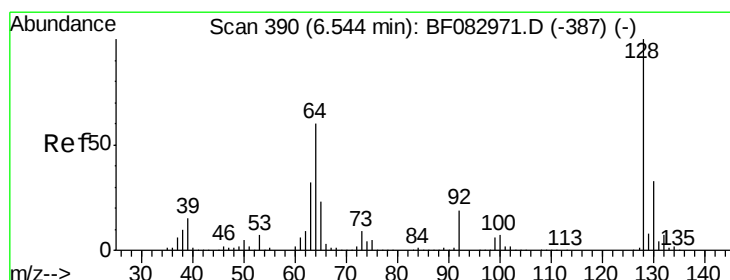
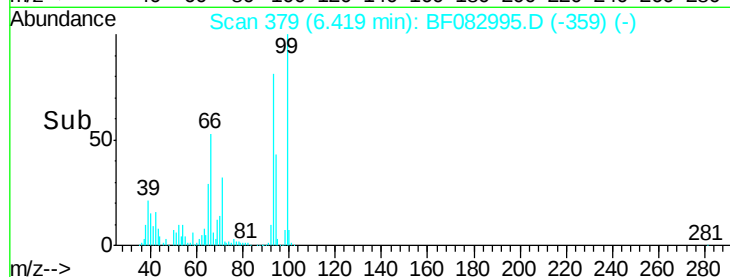
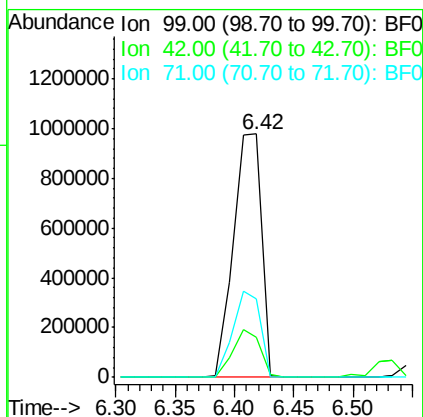
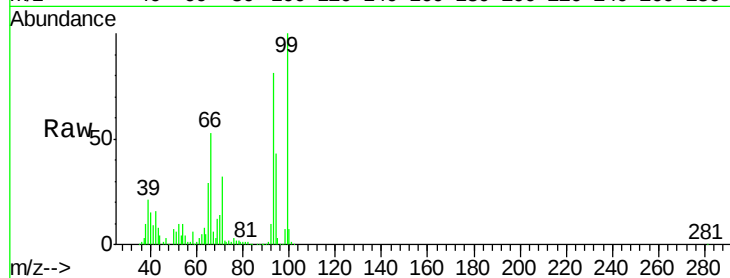
99 100

42 16.3 19.2 28.8#

71 32.3 35.0 52.4#

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#8

2-Chlorophenol

Concen: 39.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

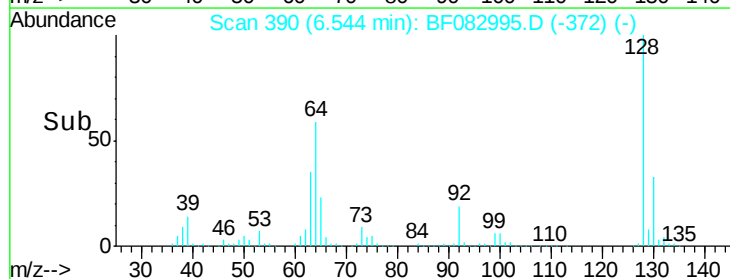
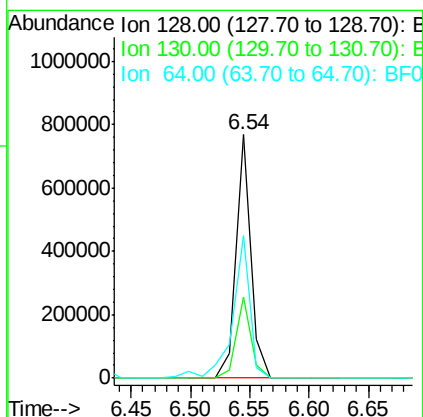
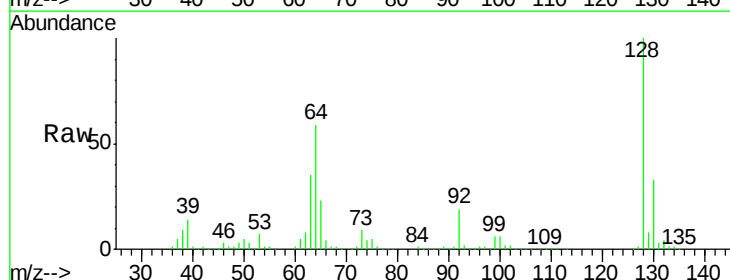
Tgt Ion: 128 Resp: 664910

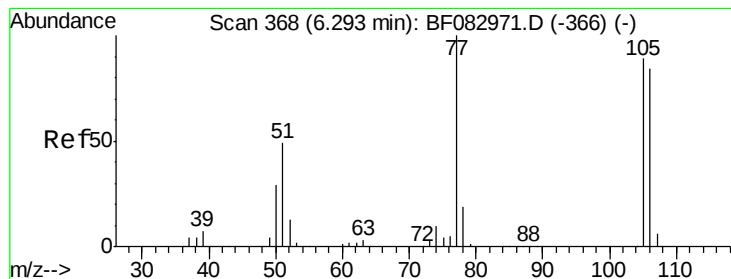
Ion Ratio Lower Upper

128 100

130 33.4 13.5 53.5

64 58.6 21.1 61.1





#9

Benzaldehyde

Concen: 38.39 ng m

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

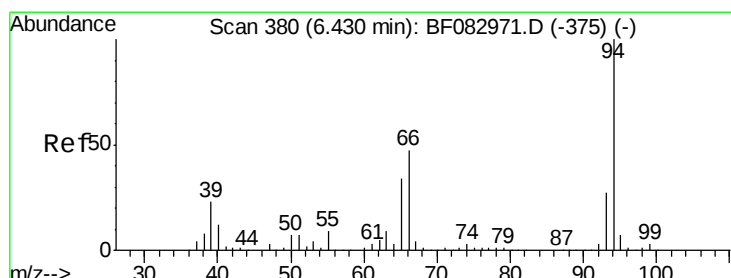
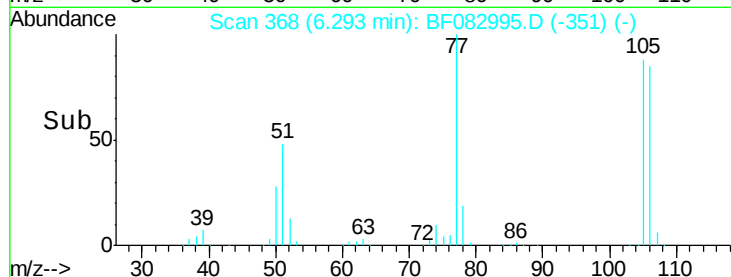
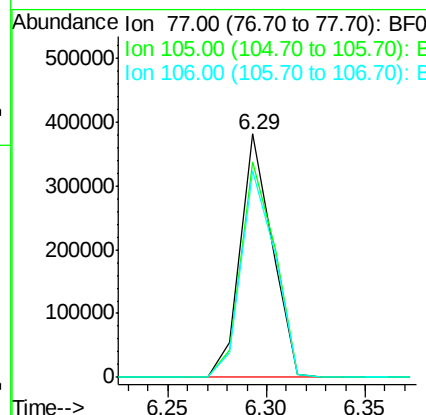
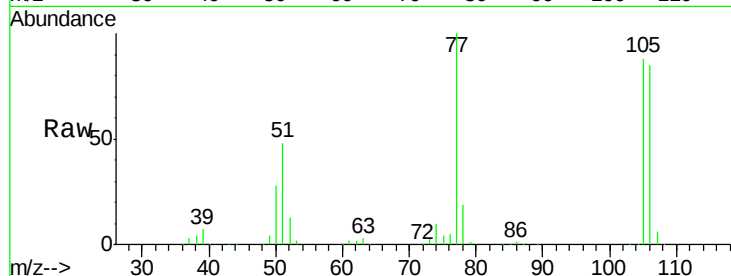
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	426871
Ion Ratio	Lower	Upper	
77	100		
105	88.4	63.5	103.5
106	84.7	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 41.94 ng

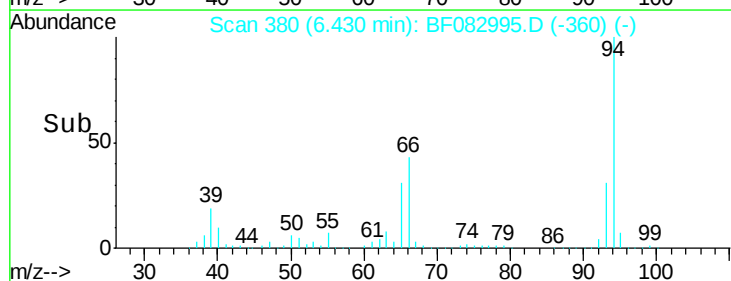
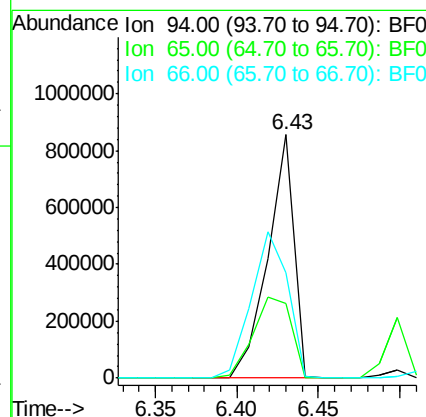
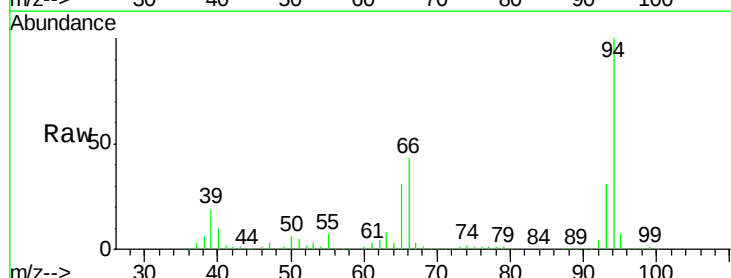
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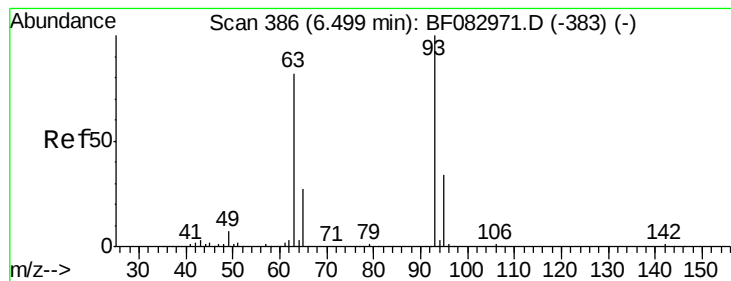
Delta R.T. -0.07 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion:	94	Resp:	957931
Ion Ratio	Lower	Upper	
94	100		
65	30.6	18.9	58.9
66	43.3	34.9	74.9





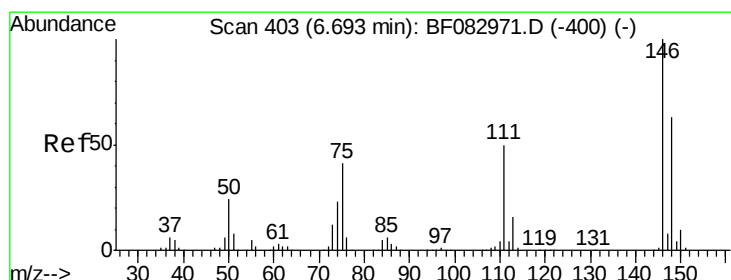
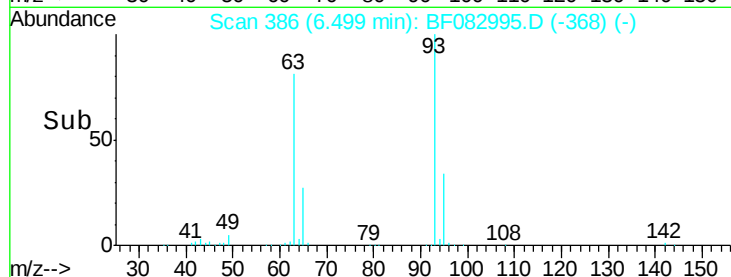
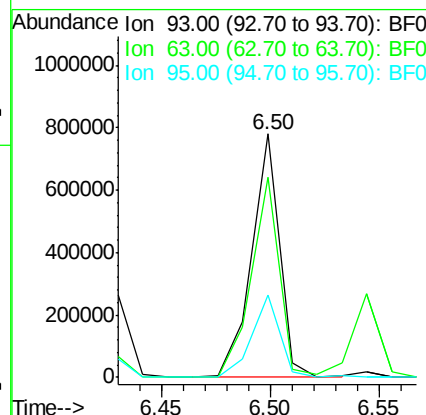
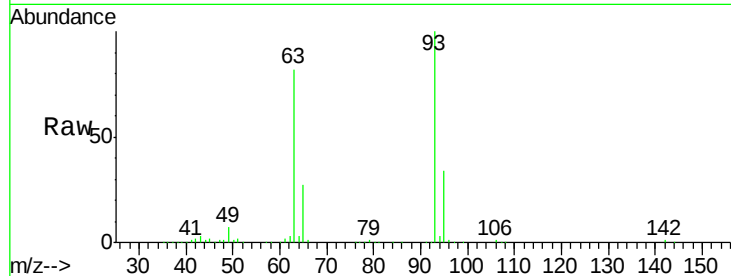
#11
bis(2-Chloroethyl)ether
Concen: 40.30 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	688352		
63	82.3	72.7	112.7	
95	33.6	12.0	52.0	

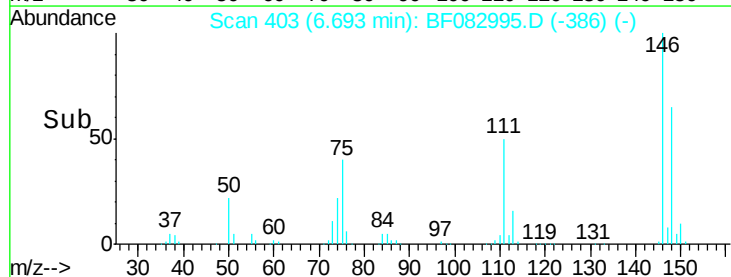
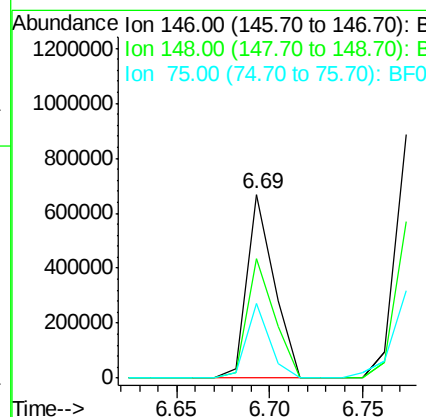
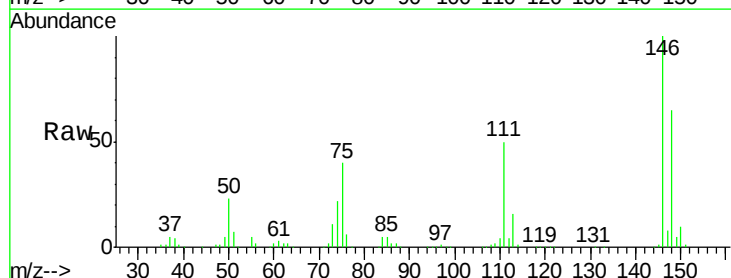
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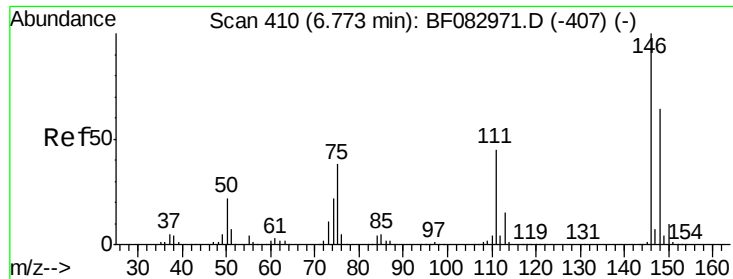
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#12
1,3-Dichlorobenzene
Concen: 35.63 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	674361		
148	64.7	50.5	75.7	
75	40.5	39.5	59.3	





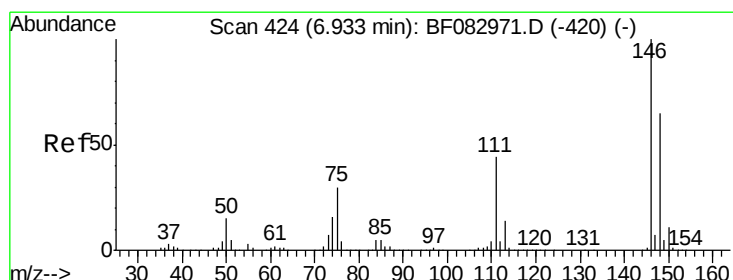
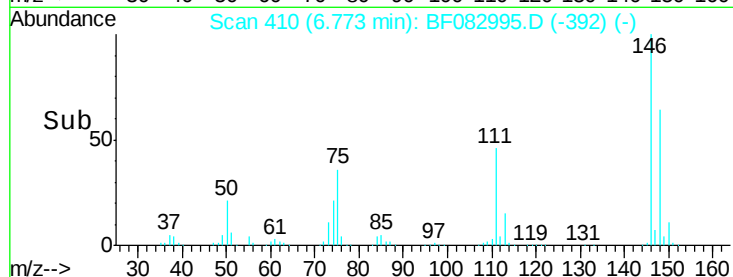
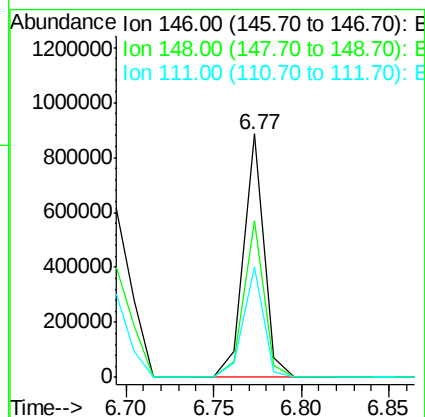
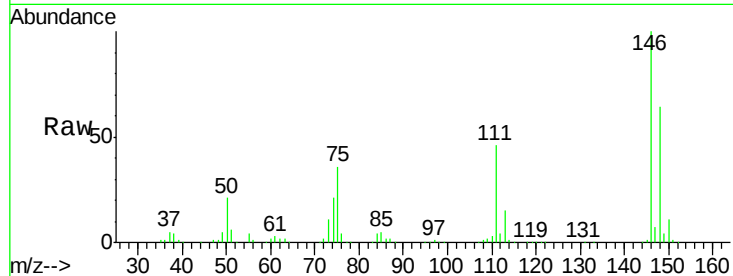
#13
 1,4-Dichlorobenzene
 Concen: 36.66 ng m
 RT: 6.77 min Scan# 410
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	45.5	40.6	60.8

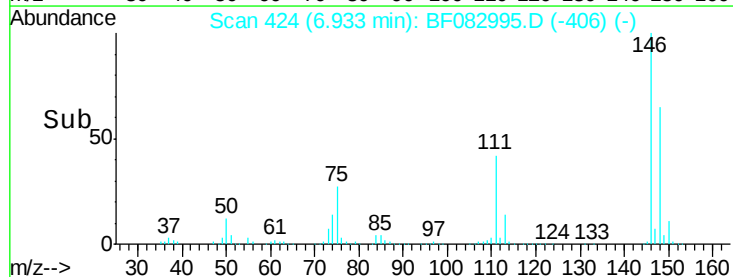
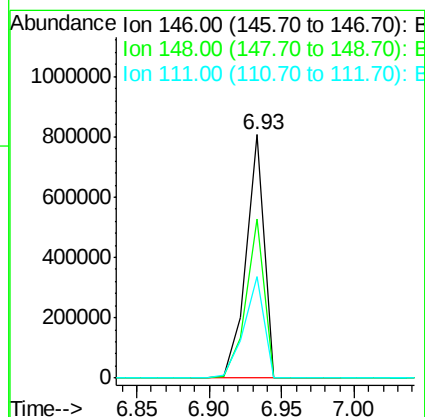
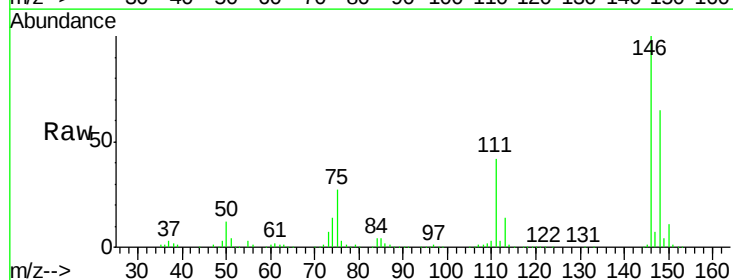
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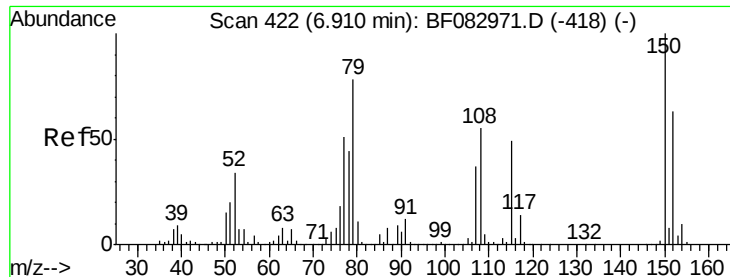
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	41.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

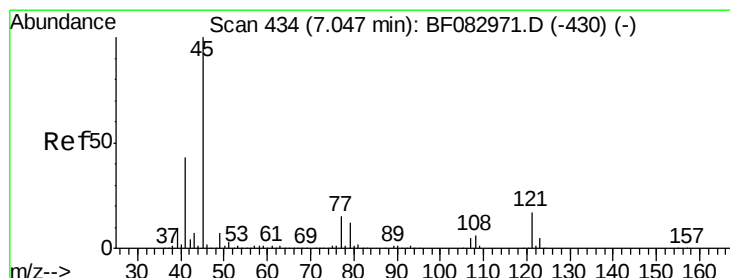
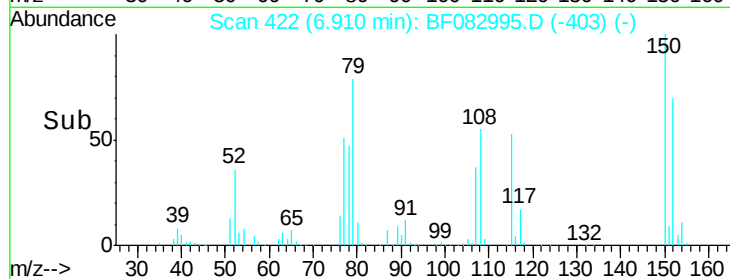
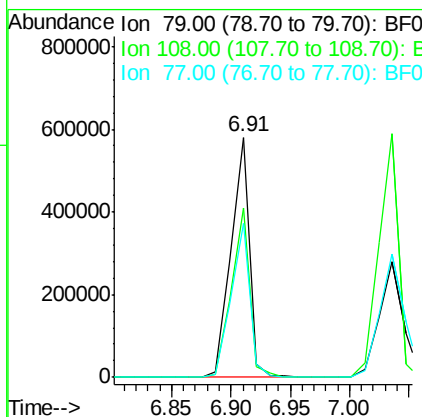
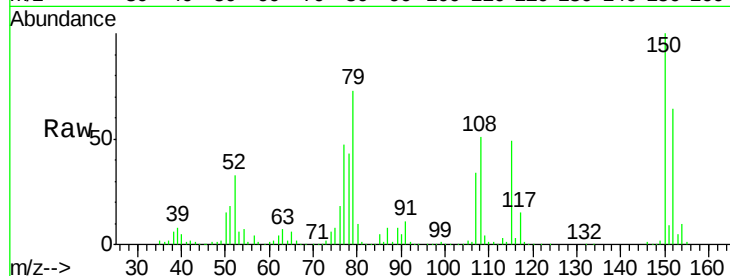
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	629443
Ion Ratio	Lower	Upper	
79	100		
108	70.3	52.2	78.4
77	64.0	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.16 ng

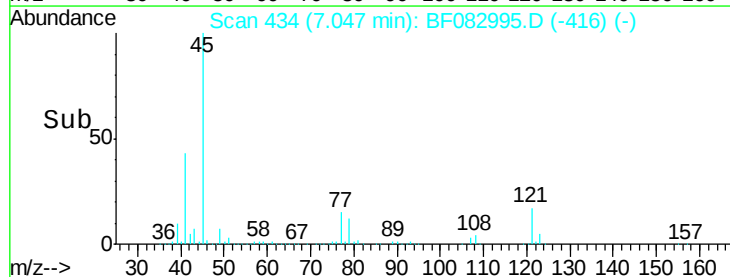
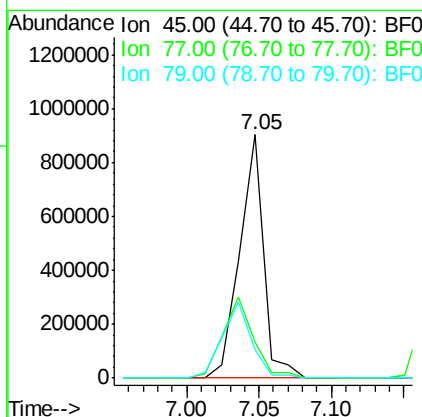
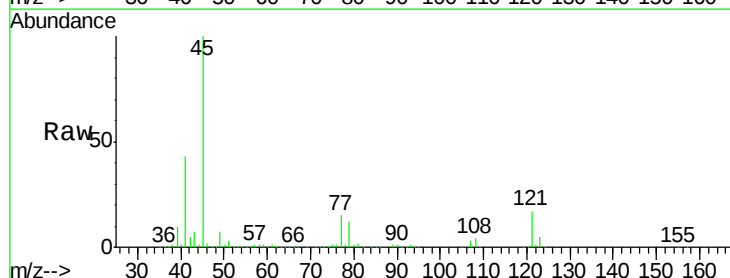
RT: 7.05 min Scan# 434

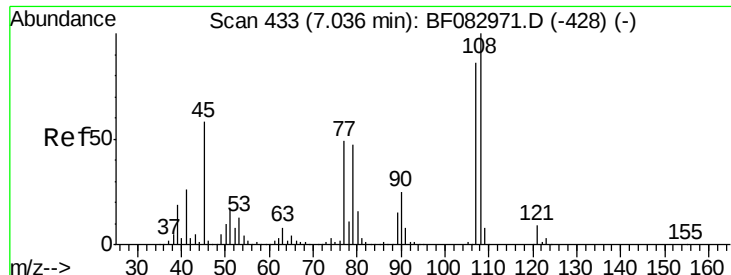
Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion:	45	Resp:	1031153
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	32.6
79	11.9	0.0	29.2





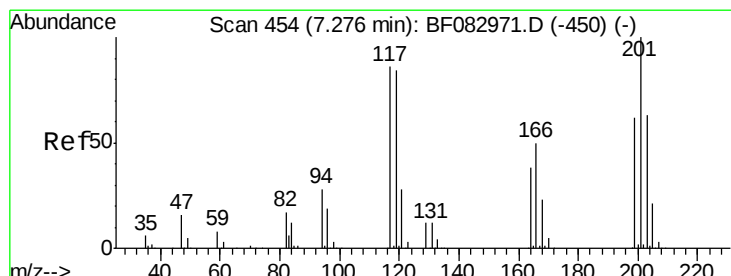
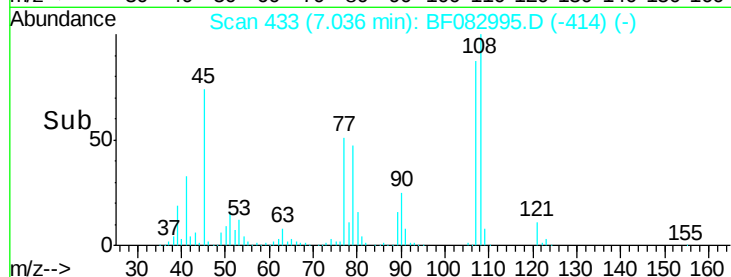
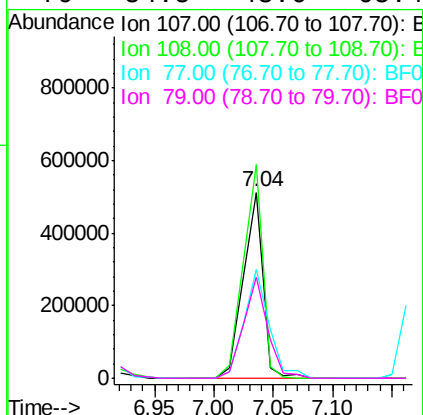
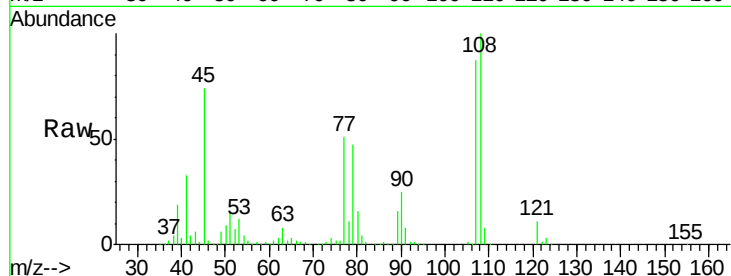
#17
2-Methylphenol
Concen: 41.94 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	596173		
108	114.8	93.0	139.4	
77	58.4	44.1	66.1	
79	54.5	43.6	65.4	

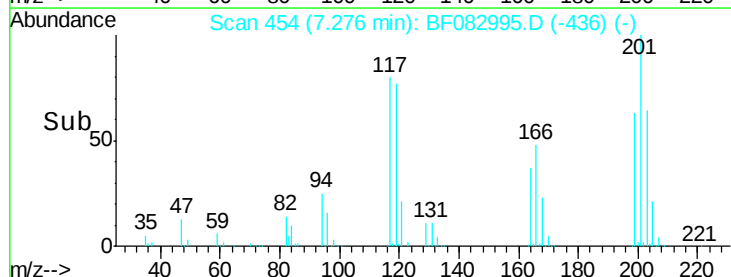
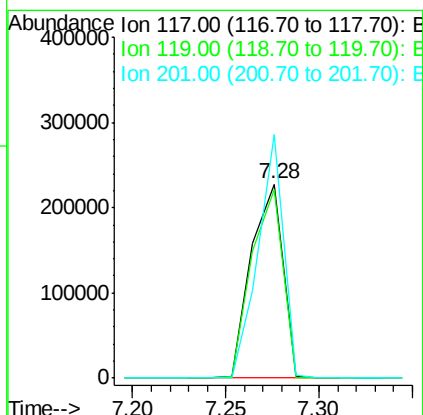
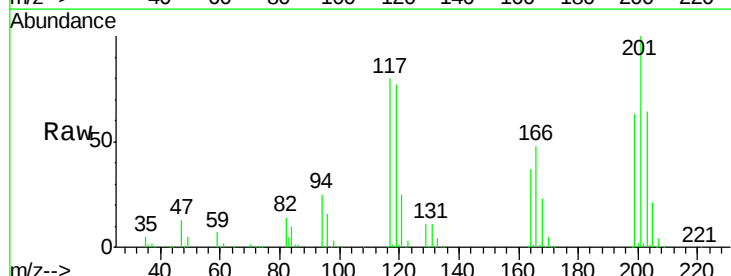
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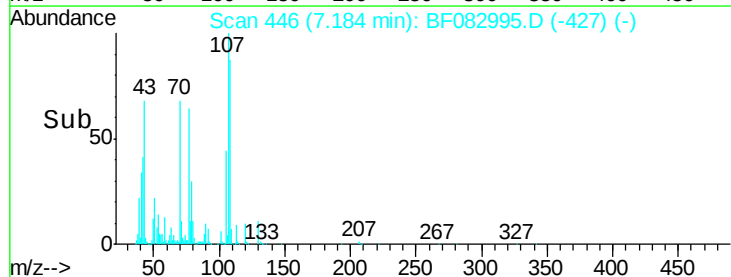
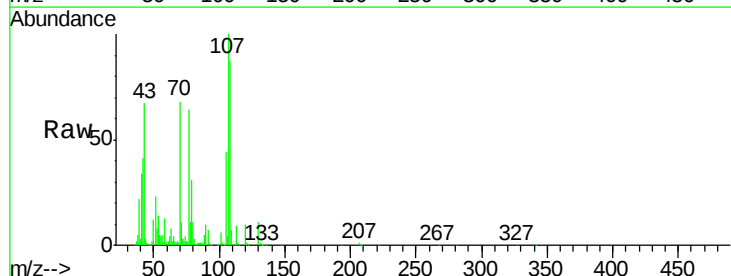
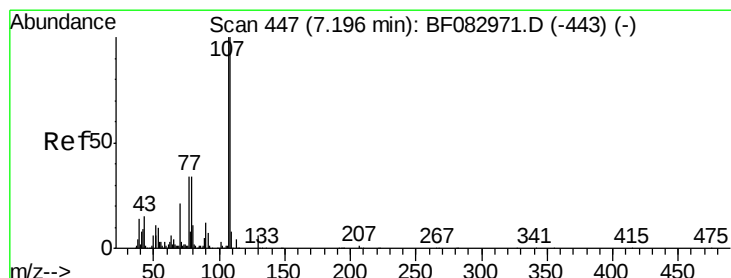
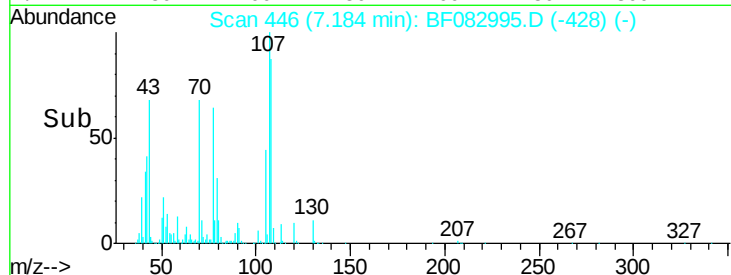
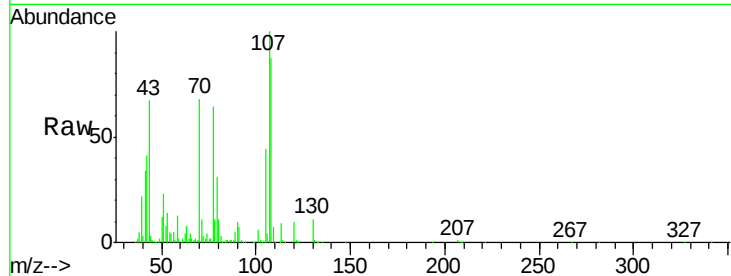
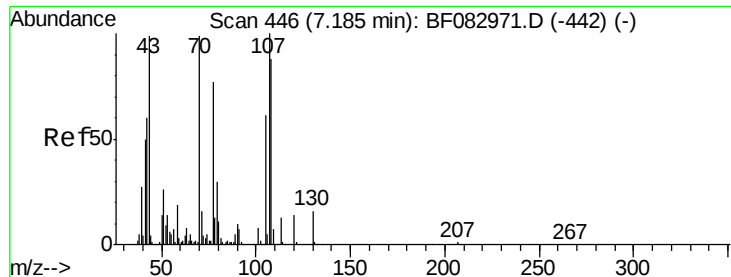
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#18
Hexachloroethane
Concen: 37.94 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	267265		
119	97.2	77.7	116.5	
201	125.6	66.7	100.1#	

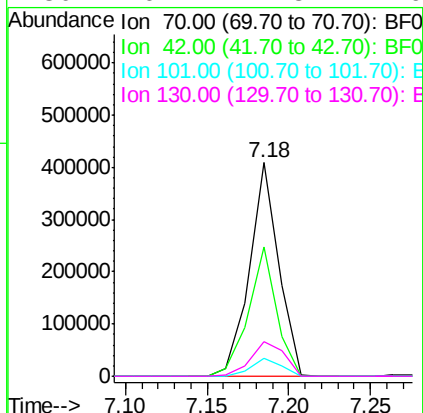




#19
n-Nitroso-di-n-propylamine
Concen: 34.32 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.4	57.7	86.5
101	8.7	7.0	10.6
130	16.2	11.8	17.6

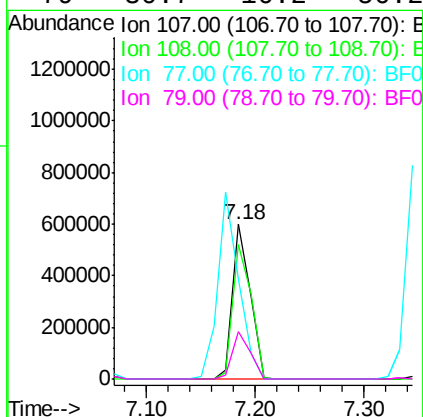


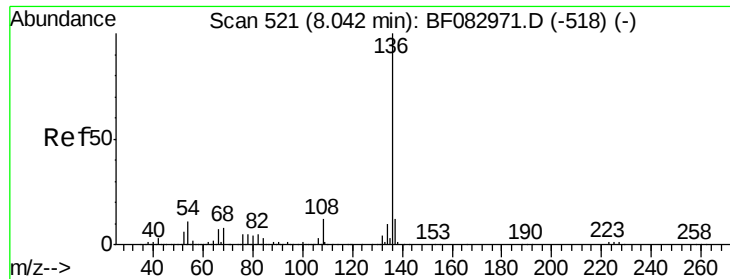
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#20
3+4-Methylphenols
Concen: 35.81 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.3	107.3
77	64.2	100.3	140.3#
79	30.7	16.2	56.2





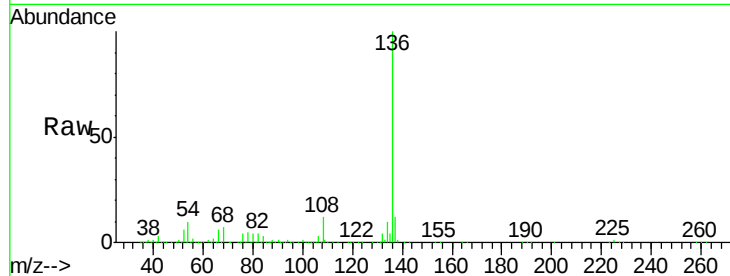
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

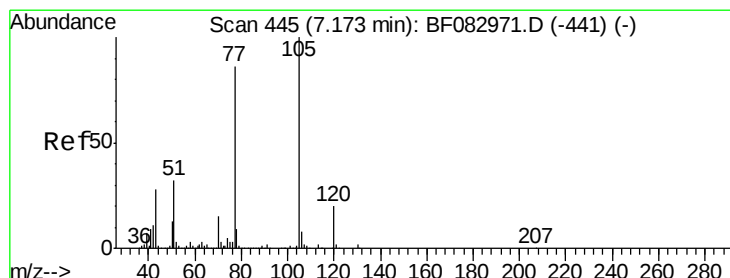
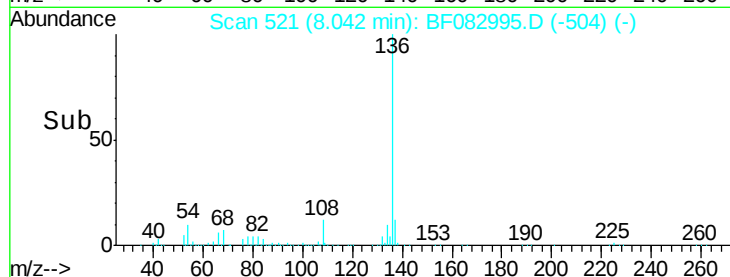
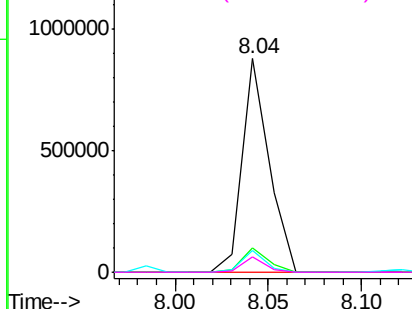
Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		881044		
137	11.6	9.1	13.7		
54	10.4	9.1	13.7		
68	7.2	4.8	7.2#		

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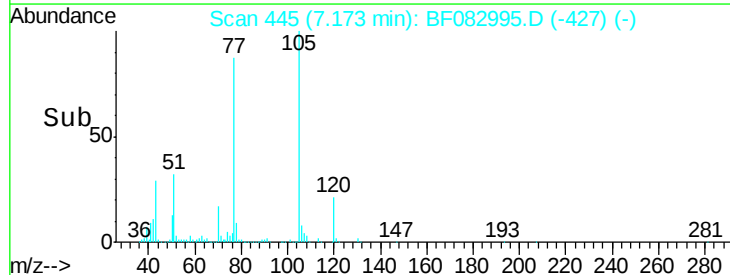
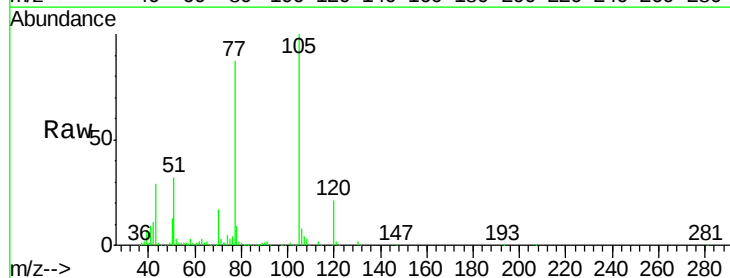
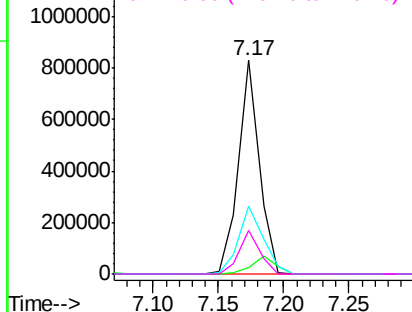
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

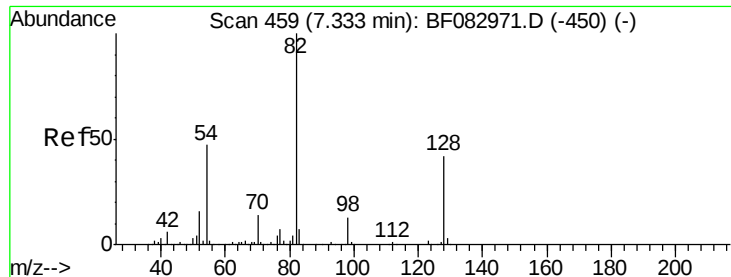


#22
Acetophenone
Concen: 36.20 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		913957		
71	2.8	5.6	8.4#		
51	31.8	24.9	37.3		
120	20.6	15.8	23.8		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





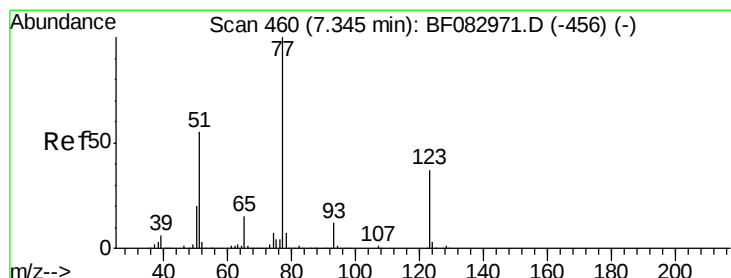
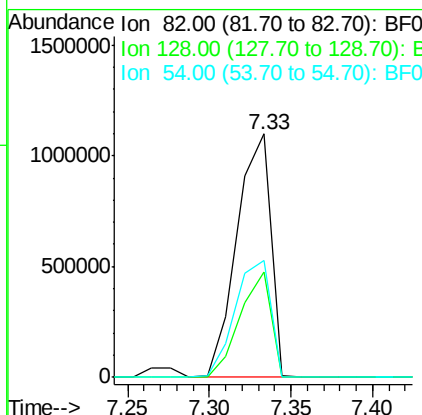
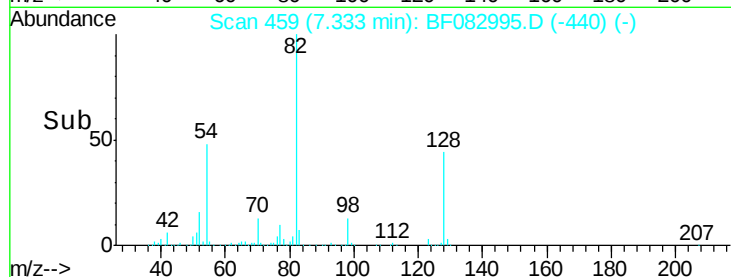
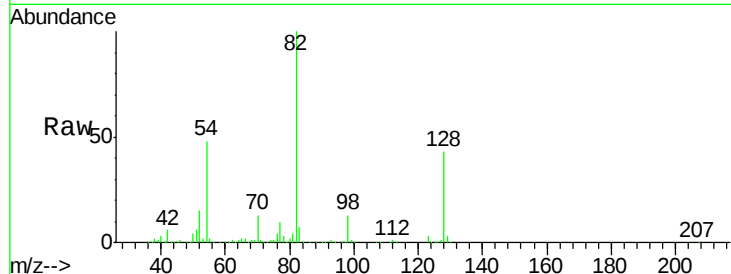
#23
Nitrobenzene-d5
Concen: 77.70 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1573365
Ion Ratio Lower Upper
82 100
128 43.5 26.8 40.2#
54 47.9 45.7 68.5

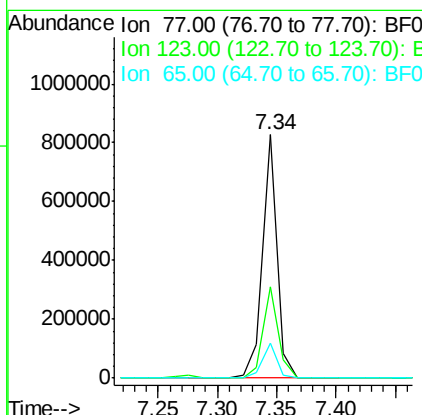
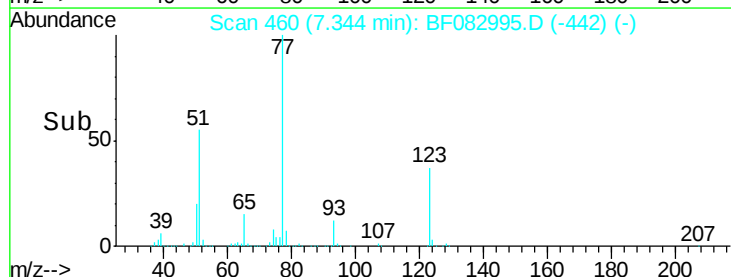
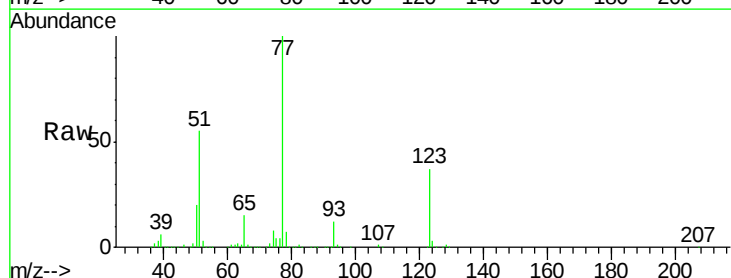
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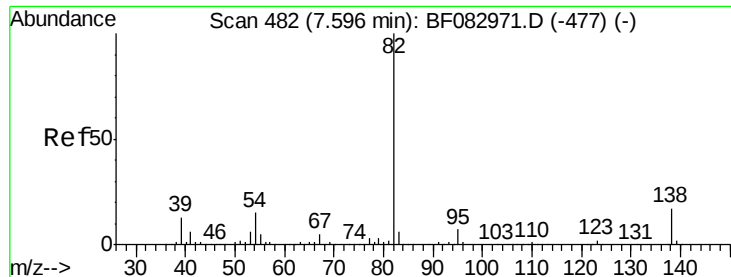
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#24
Nitrobenzene
Concen: 34.43 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion: 77 Resp: 712979
Ion Ratio Lower Upper
77 100
123 37.4 36.4 54.6
65 14.5 11.5 17.3





#25

Isophorone

Concen: 38.80 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1453655

Ion Ratio Lower Upper

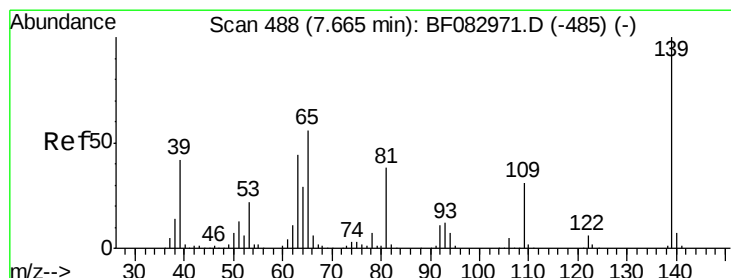
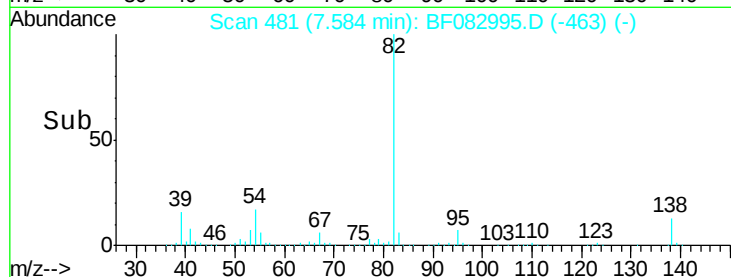
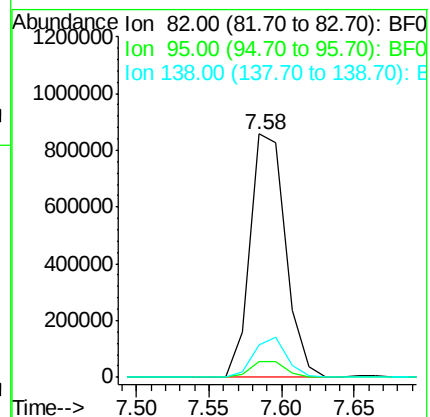
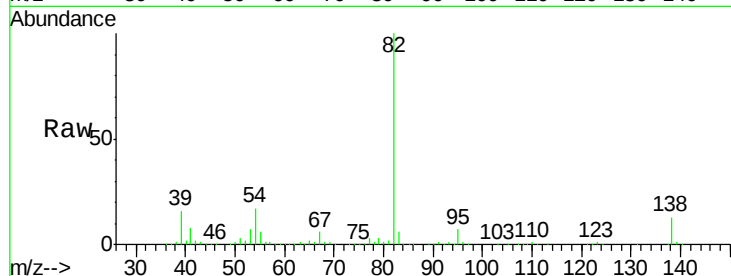
82 100

95 6.7 6.6 9.8

138 13.1 11.4 17.0

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#26

2-Nitrophenol

Concen: 45.18 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

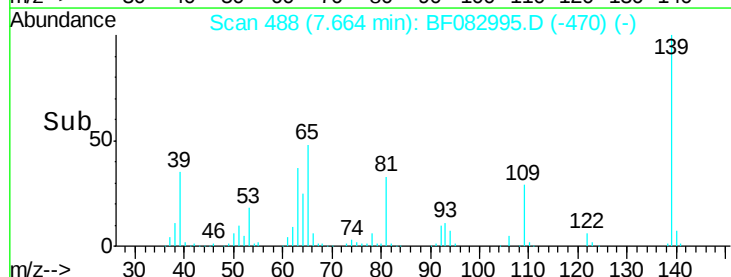
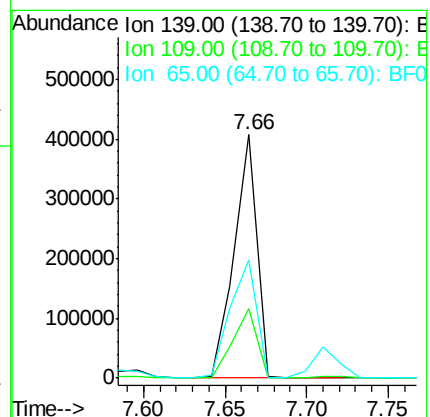
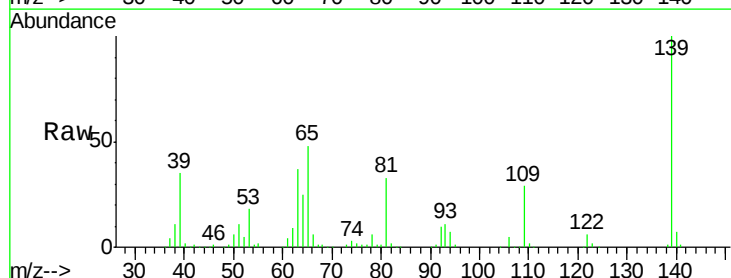
Tgt Ion: 139 Resp: 390458

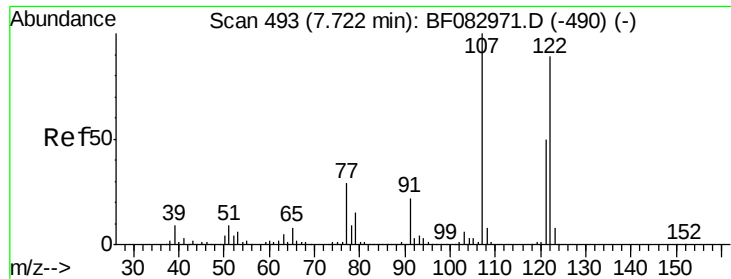
Ion Ratio Lower Upper

139 100

109 28.7 37.6 56.4#

65 48.4 70.6 105.8#





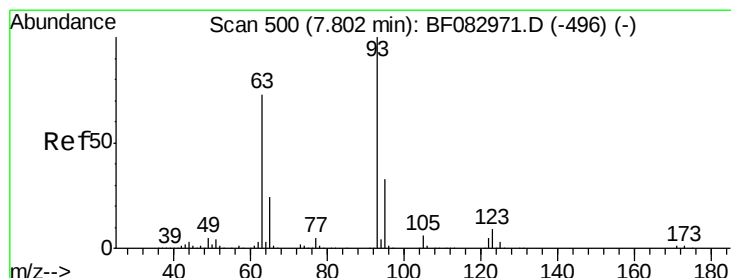
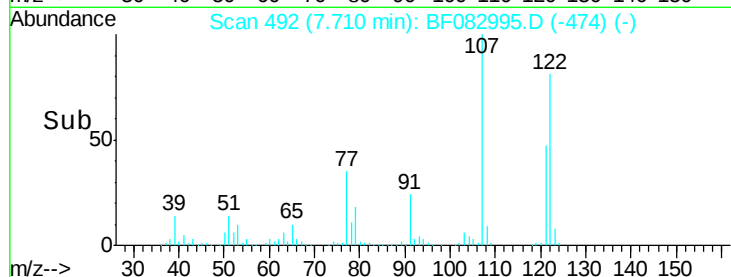
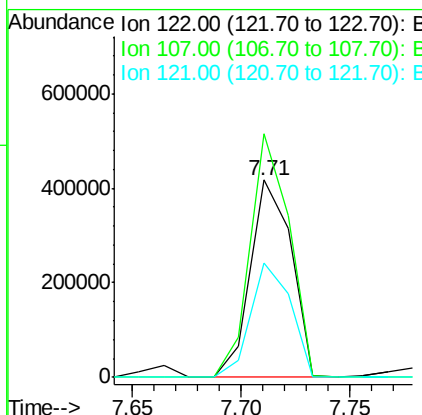
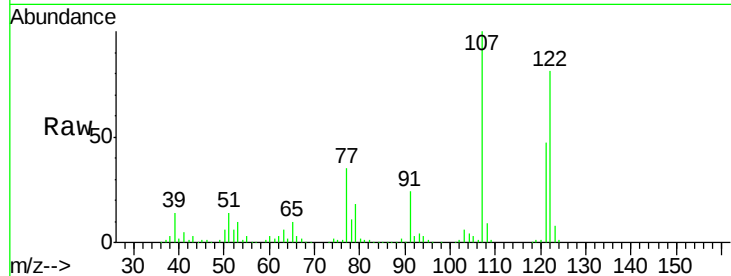
#27
 2,4-Dimethylphenol
 Concen: 35.55 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	552140		
107	123.6	106.0	159.0	
121	58.0	46.7	70.1	

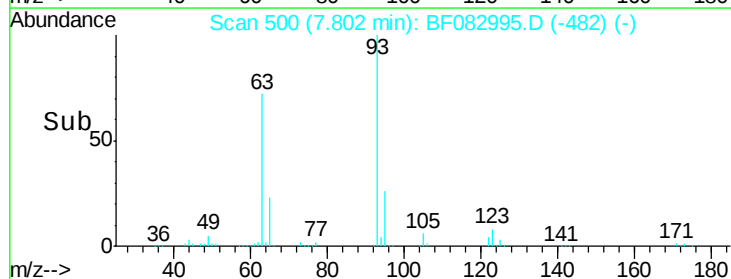
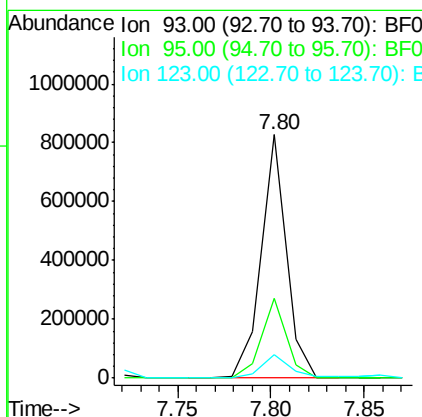
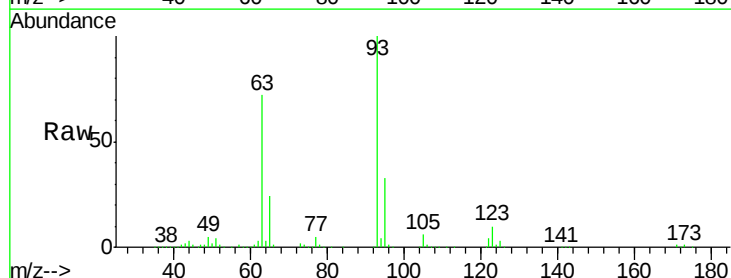
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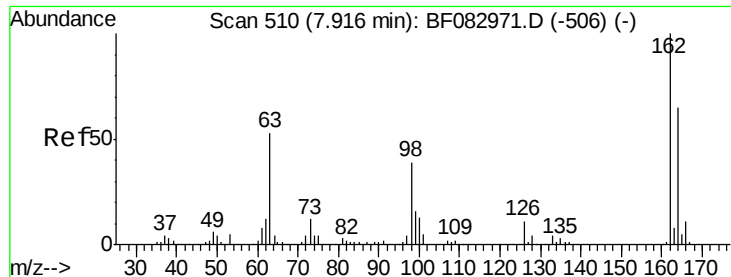
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.47 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	770770		
95	33.0	26.6	40.0	
123	9.7	9.7	14.5	





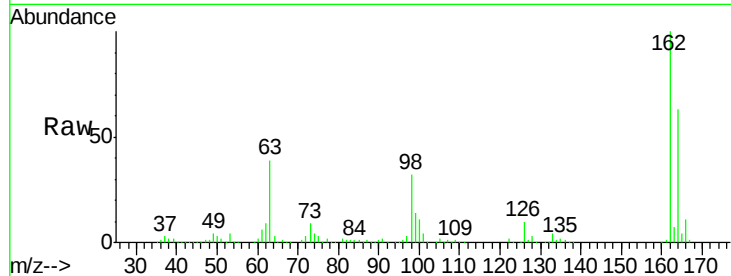
#29
 2,4-Dichlorophenol
 Concen: 41.20 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.08 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

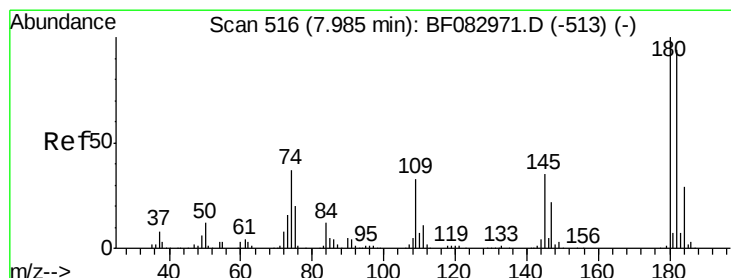
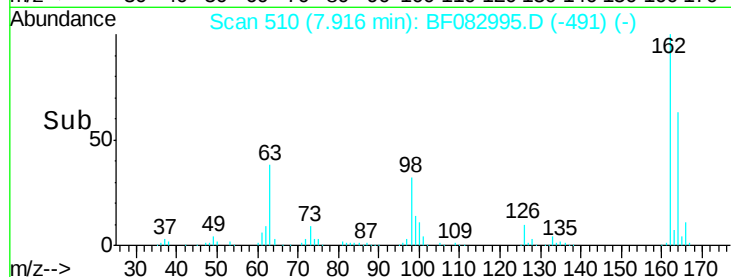
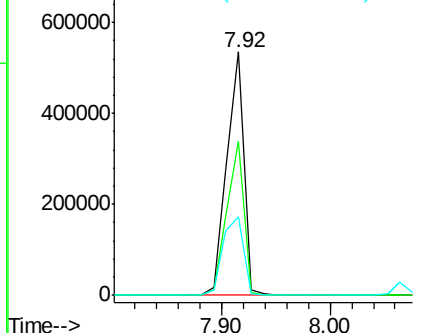
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	46.8	86.8
98	32.3	12.5	52.5

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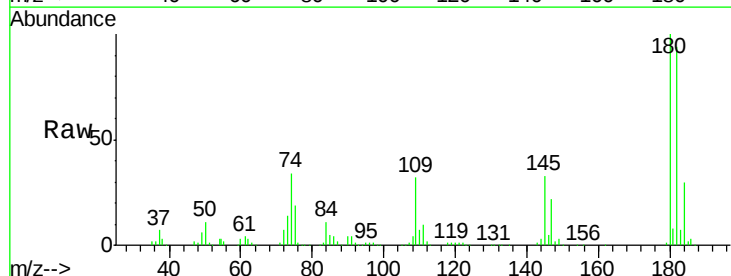


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

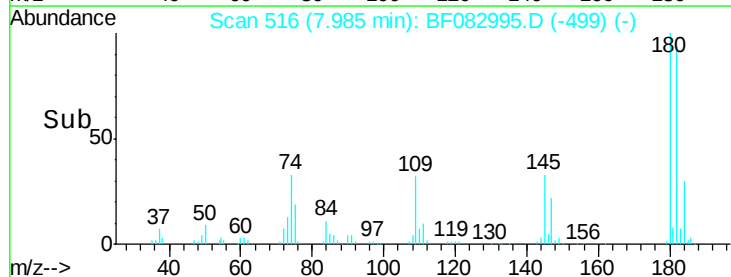
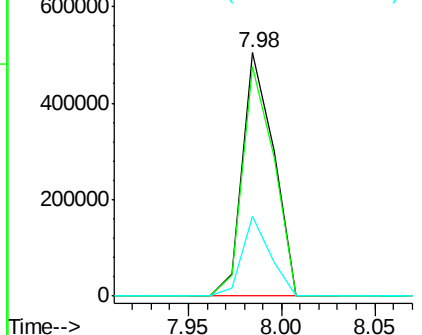


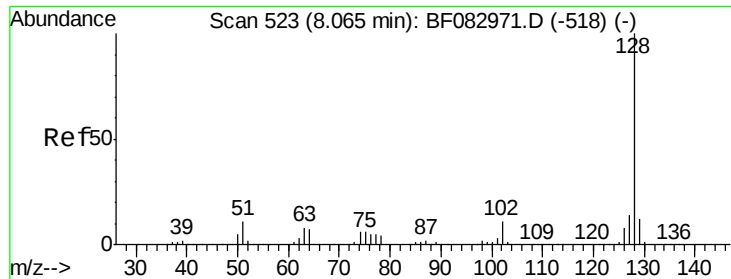
#30
 1,2,4-Trichlorobenzene
 Concen: 37.08 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.10 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	74.9	112.3
145	33.0	27.8	41.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





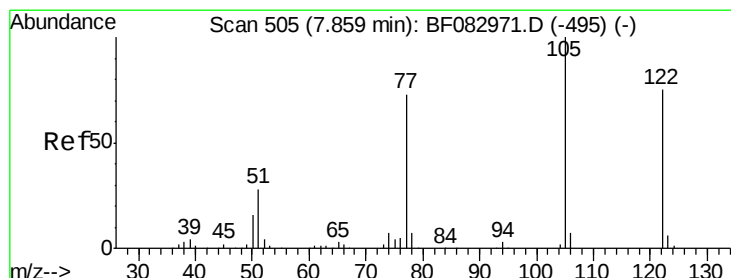
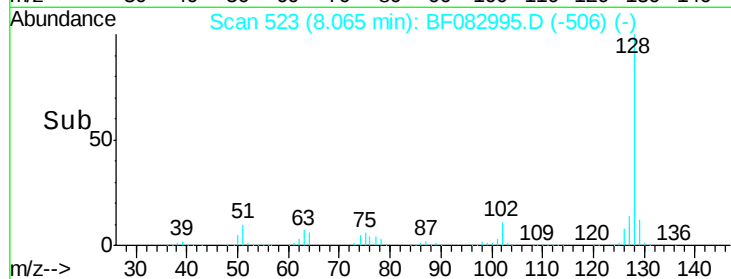
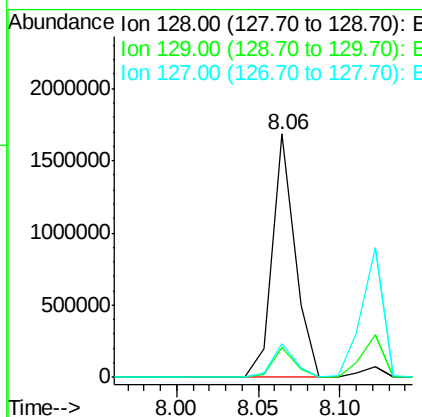
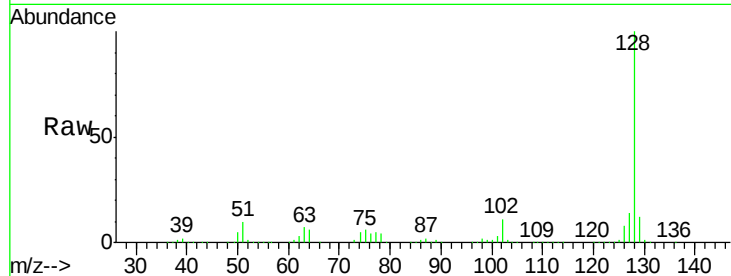
#31
Naphthalene
Concen: 33.68 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1637015
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 13.9 11.4 17.0

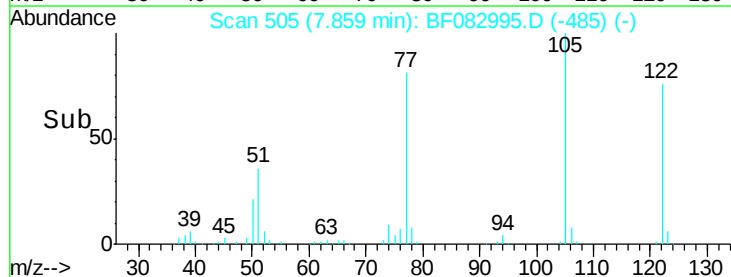
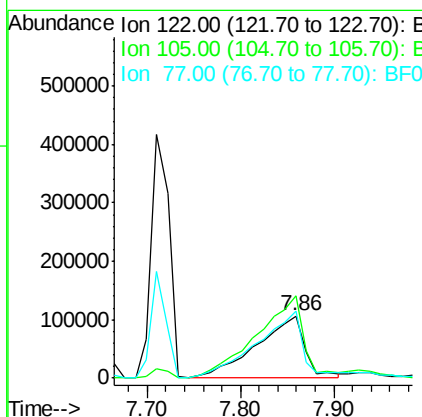
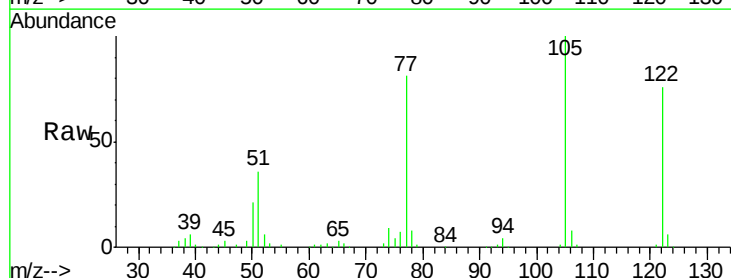
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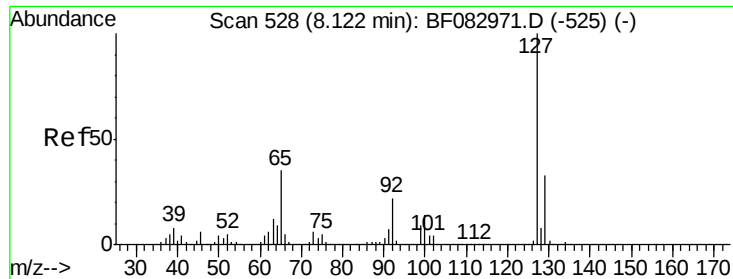
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#32
Benzoic acid
Concen: 35.01 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion:122 Resp: 372203
Ion Ratio Lower Upper
122 100
105 131.5 122.6 162.6
77 106.8 100.9 140.9





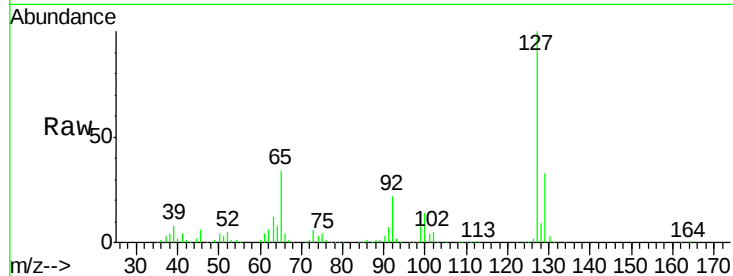
#33
4-Chloroaniline
Concen: 40.38 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

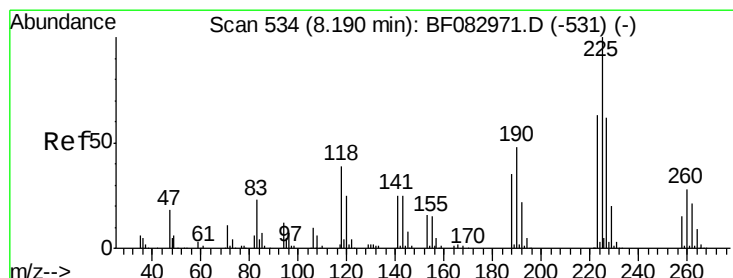
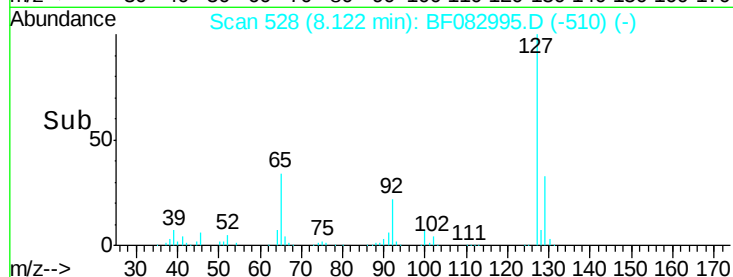
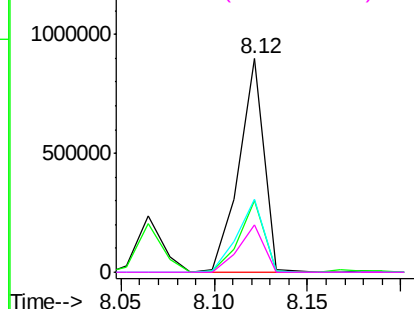
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	26.3	39.5
65	34.1	37.8	56.8
92	22.2	20.6	31.0

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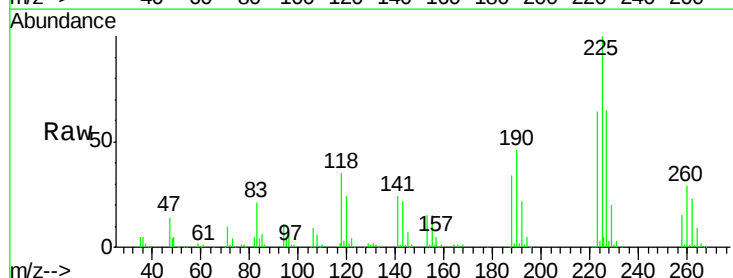


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

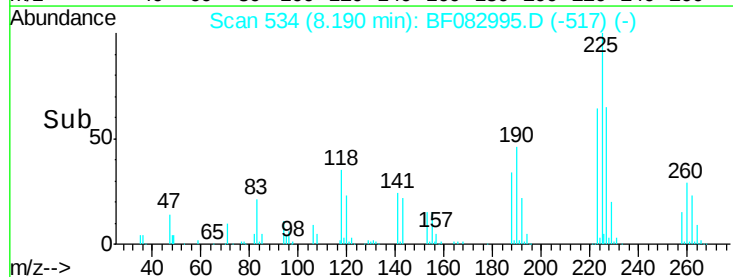
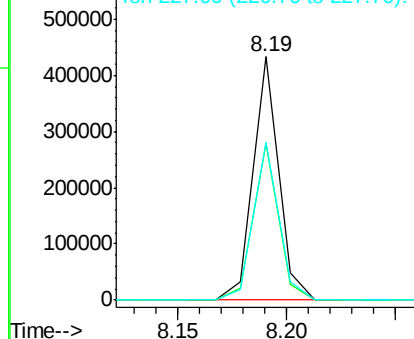


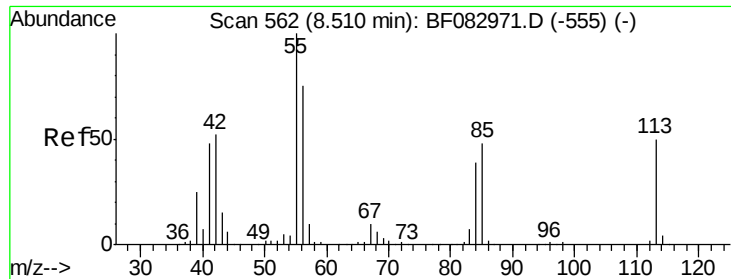
#34
Hexachlorobutadiene
Concen: 35.71 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.4	50.5	75.7
227	64.6	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





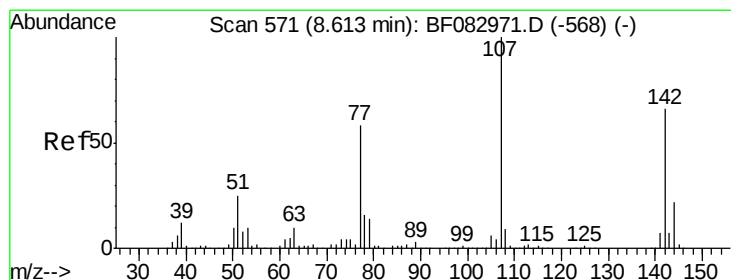
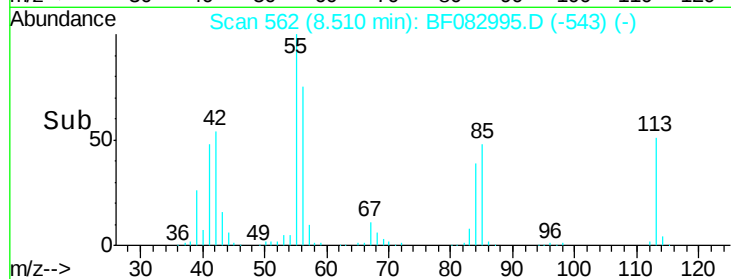
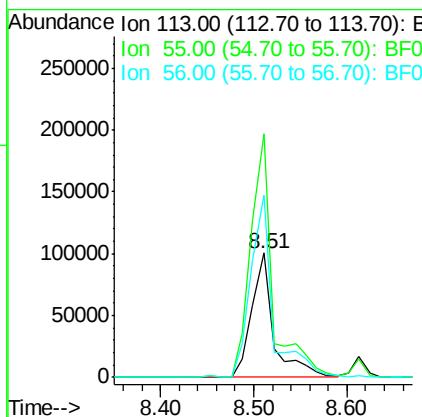
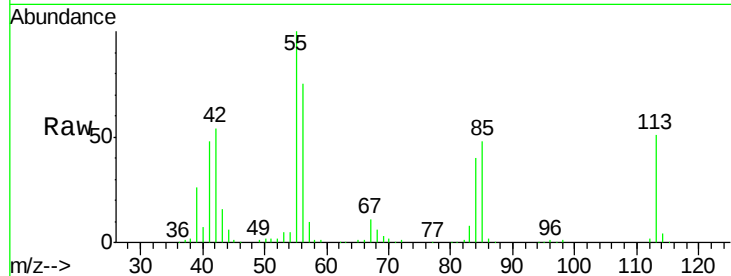
#35
 Caprolactam
 Concen: 37.34 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.08 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 165217
 Ion Ratio Lower Upper
 113 100
 55 196.3 195.5 235.5
 56 146.9 153.5 193.5#

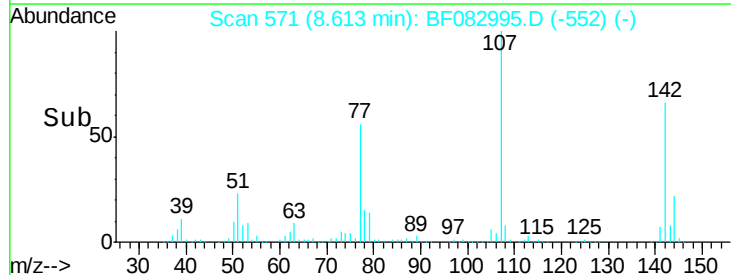
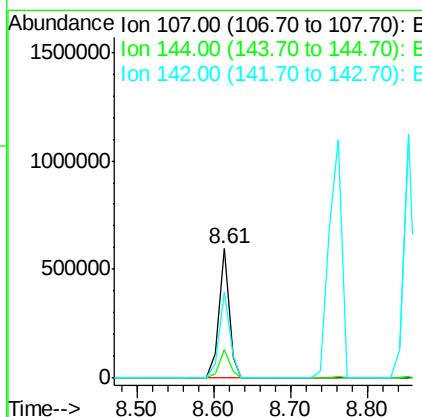
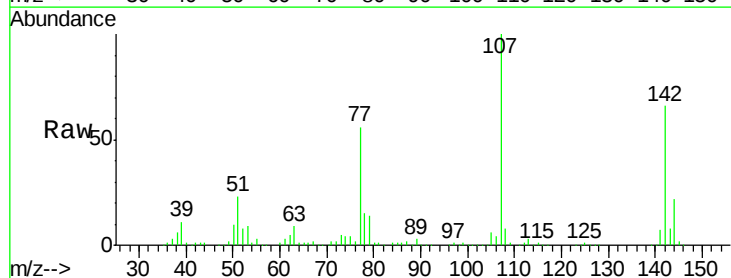
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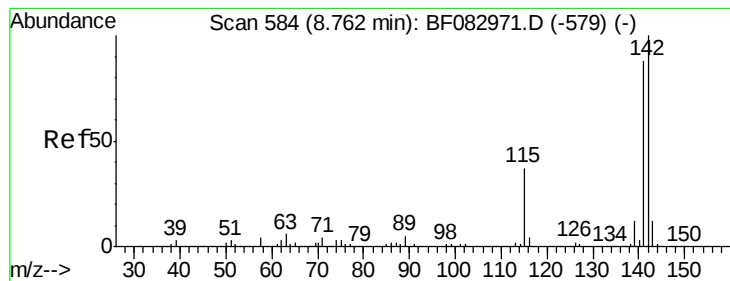
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#36
 4-Chloro-3-methylphenol
 Concen: 33.86 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion:107 Resp: 558882
 Ion Ratio Lower Upper
 107 100
 144 21.9 15.4 23.0
 142 66.3 47.8 71.8





#37

2-Methylnaphthalene

Concen: 39.58 ng m

RT: 8.76 min Scan# 584

Delta R.T. -0.09 min

Lab File: BF082995.D

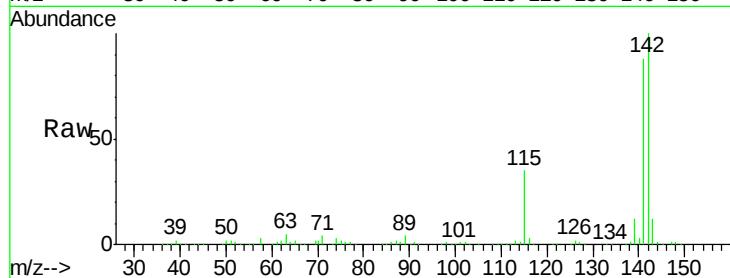
Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:142 Resp: 1244679

Ion Ratio Lower Upper

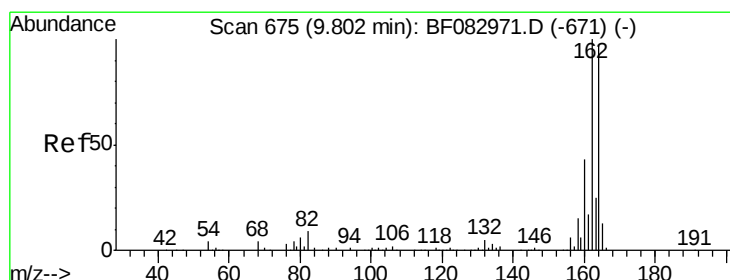
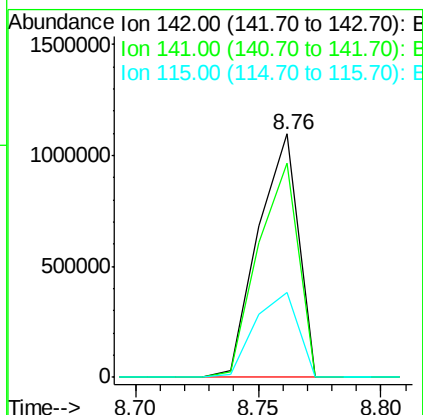
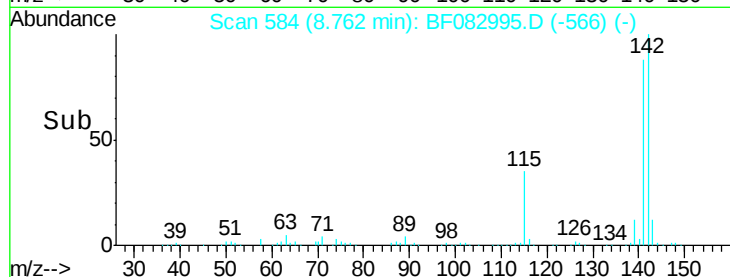
142 100

141 88.1 72.3 108.5

115 35.1 38.1 57.1#

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

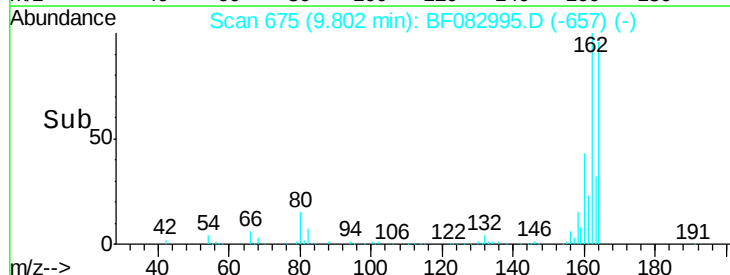
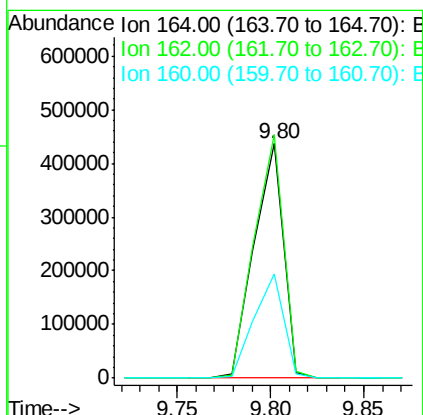
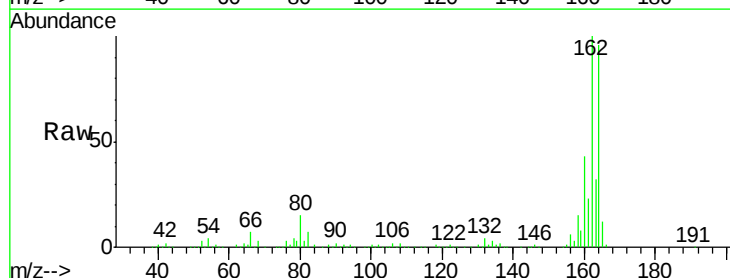
Tgt Ion:164 Resp: 472733

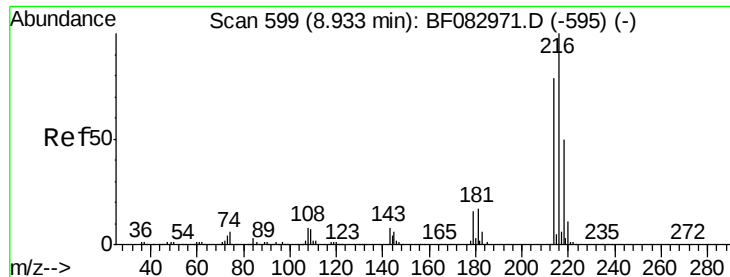
Ion Ratio Lower Upper

164 100

162 103.8 84.9 127.3

160 44.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.52 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082995.D

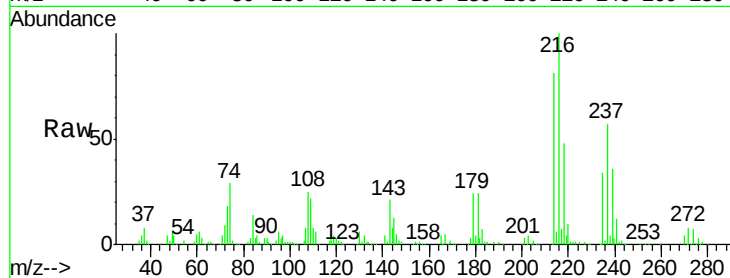
Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 216 Resp: 505254

Ion Ratio Lower Upper

216 100

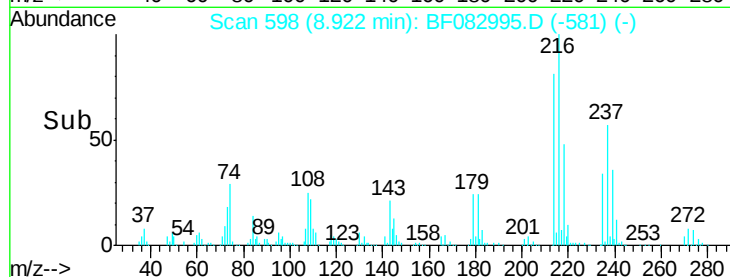
214 79.4 62.2 93.2

179 21.5 18.1 27.1

108 20.6 16.6 25.0

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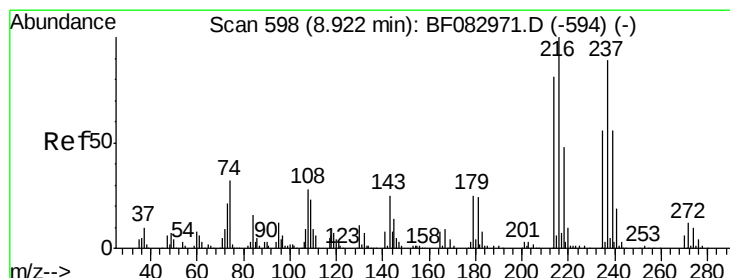
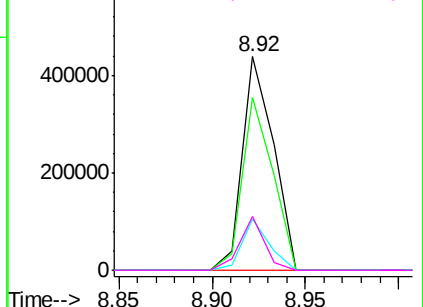


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.29 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

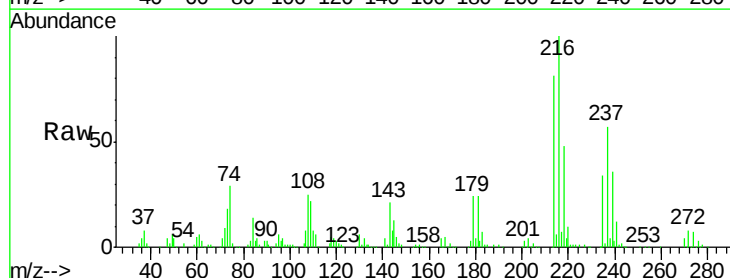
Tgt Ion: 237 Resp: 302849

Ion Ratio Lower Upper

237 100

235 60.0 44.3 84.3

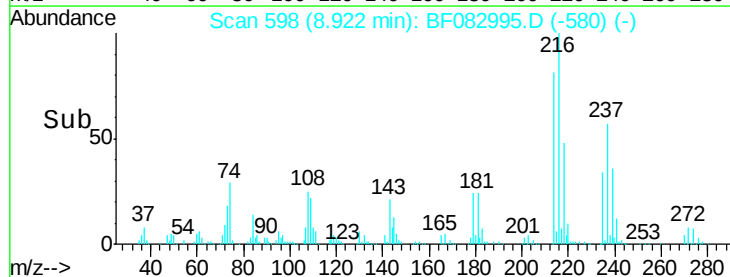
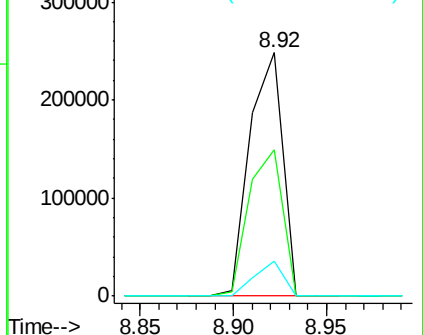
272 14.6 0.0 31.9

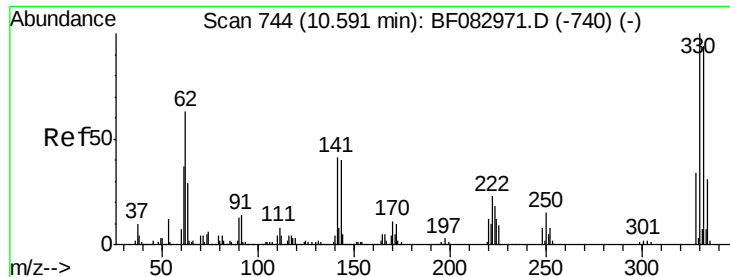


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





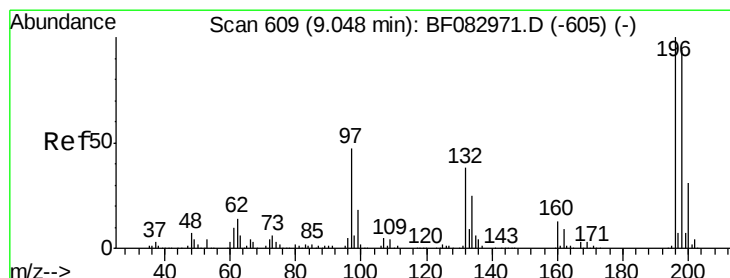
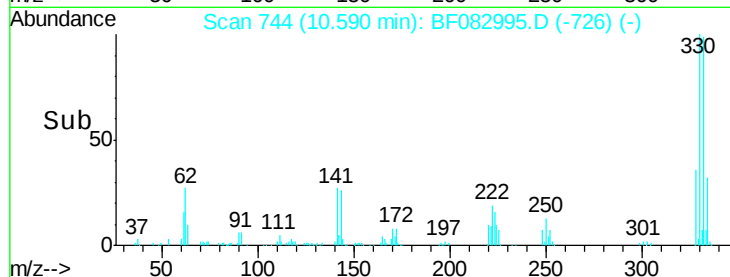
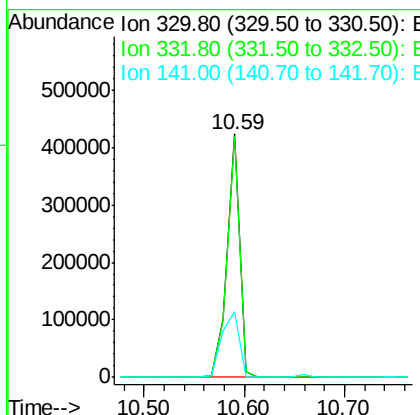
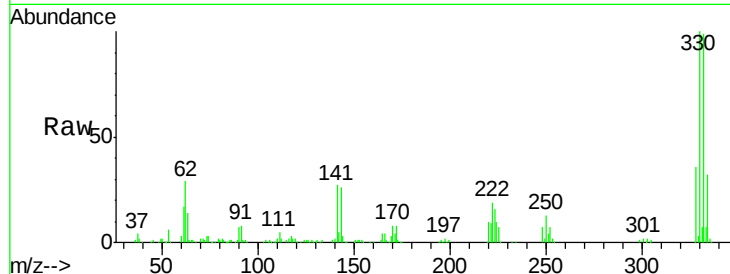
#41
 2,4,6-Tribromophenol
 Concen: 68.72 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	372471		
332	98.7	76.6	114.8	
141	37.2	41.2	61.8#	

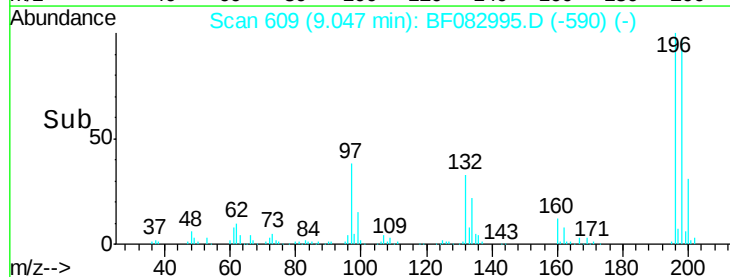
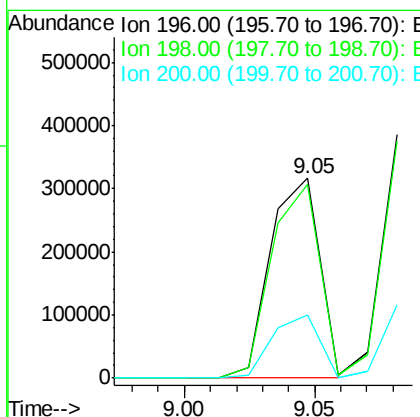
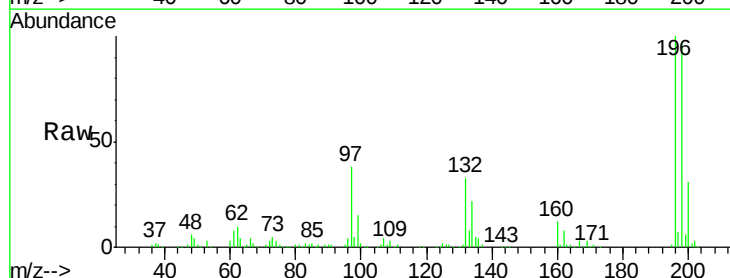
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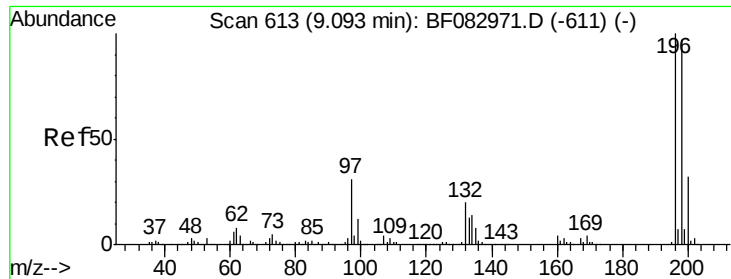
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 35.88 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	416019		
198	97.0	76.3	114.5	
200	31.4	23.9	35.9	





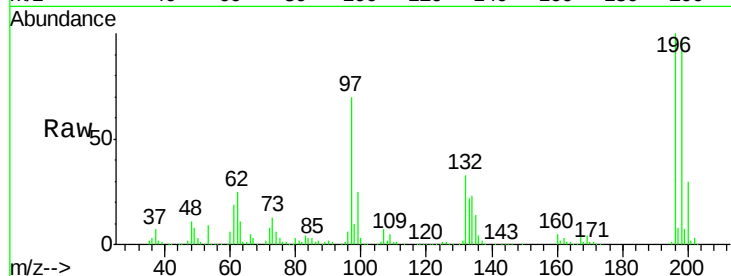
#43
2,4,5-Trichlorophenol
Concen: 34.62 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

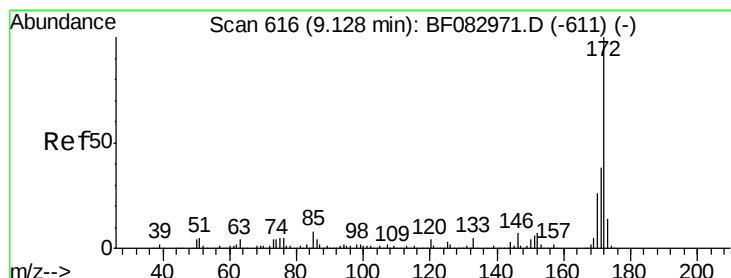
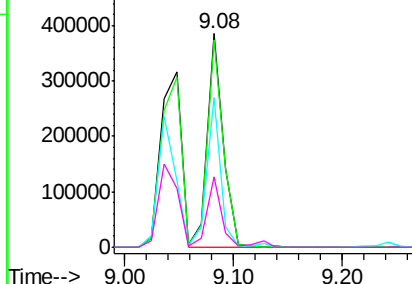
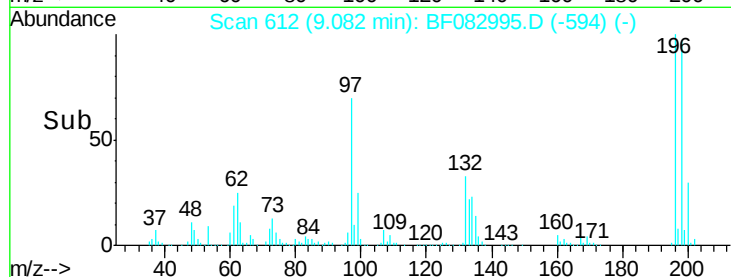
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	397077		
198	97.2	75.8	113.8	
97	70.0	62.3	93.5	
132	33.1	27.4	41.2	

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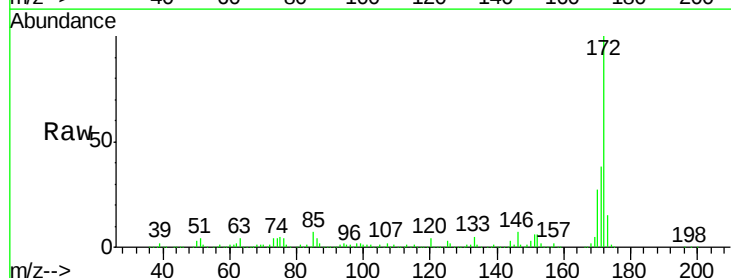


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

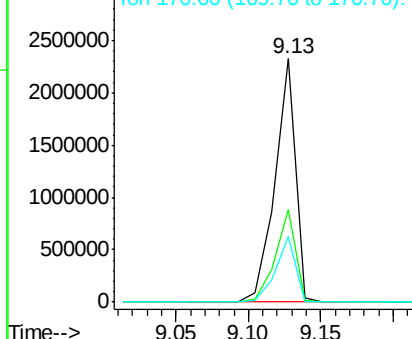
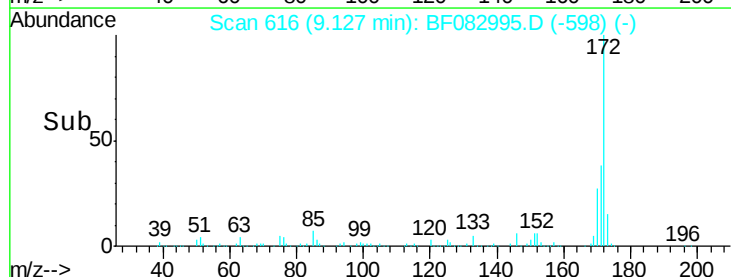


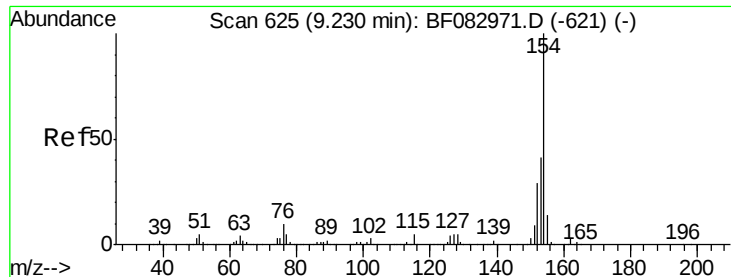
#44
2-Fluorobiphenyl
Concen: 68.89 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2272212		
171	37.9	30.8	46.2	
170	26.7	21.2	31.8	



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





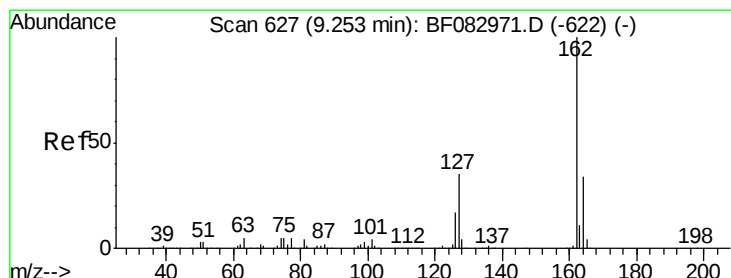
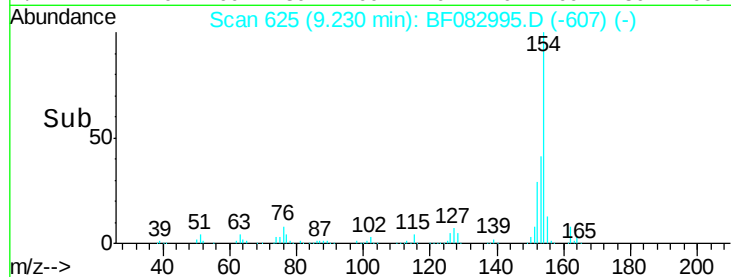
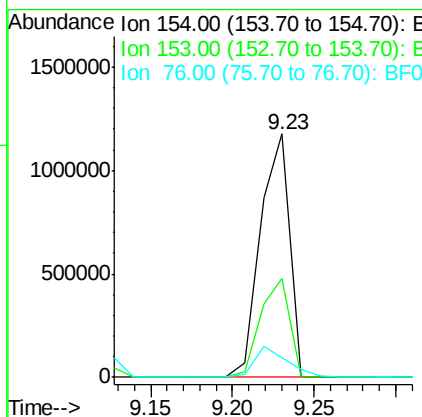
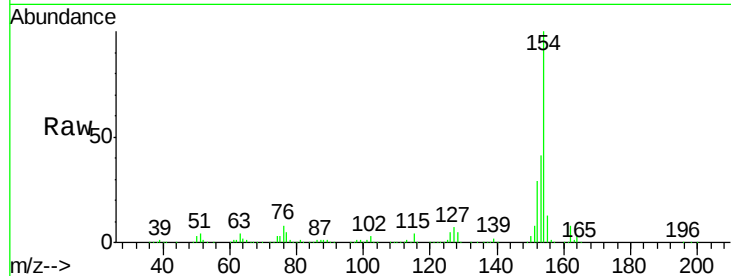
#45
 1,1'-Biphenyl
 Concen: 35.84 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1453932
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.0 62.0
 76 8.0 0.0 29.0

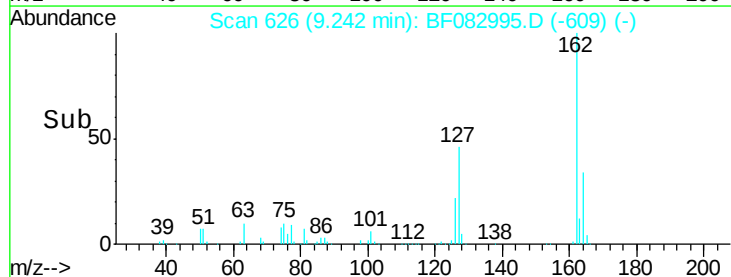
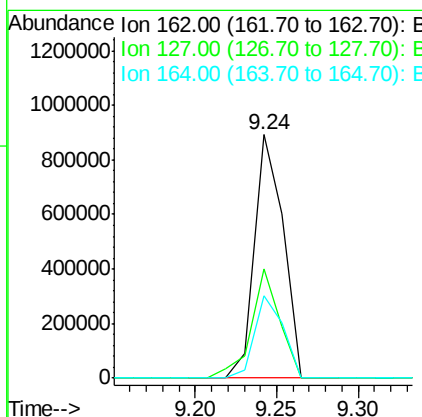
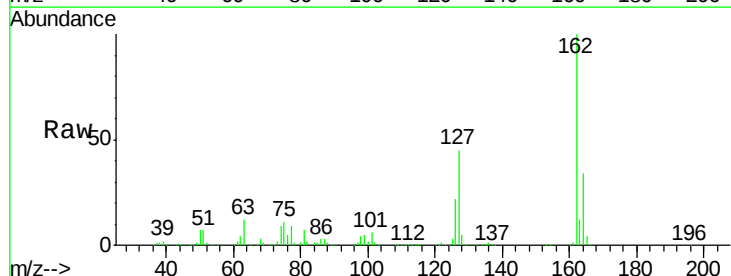
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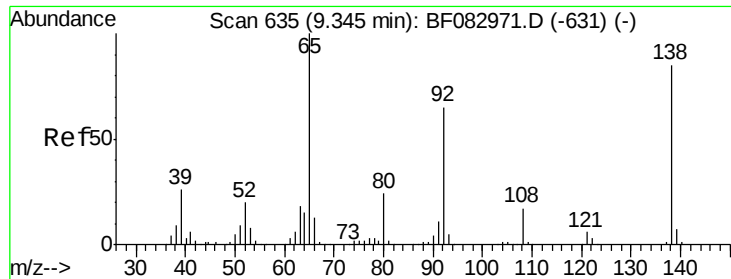
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#46
 2-Chloronaphthalene
 Concen: 34.50 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion:162 Resp: 1091615
 Ion Ratio Lower Upper
 162 100
 127 44.9 32.7 49.1
 164 33.7 27.4 41.0





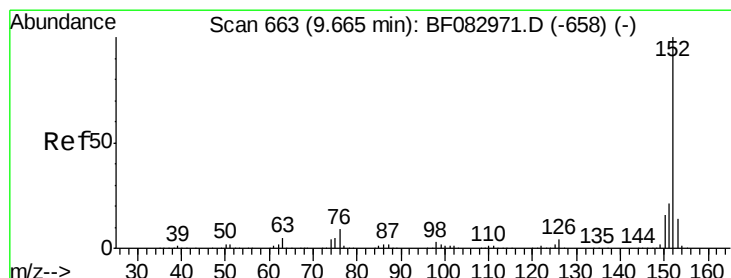
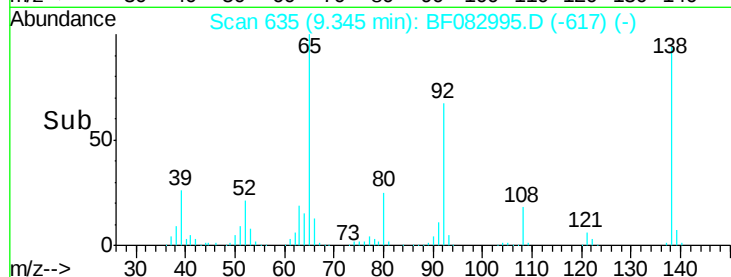
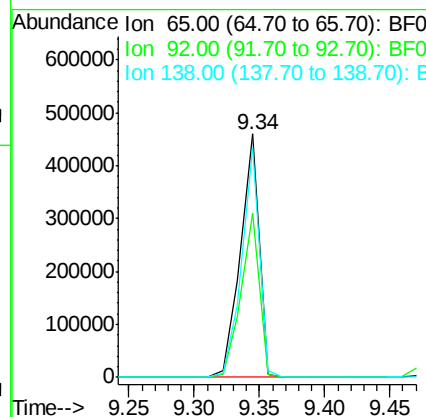
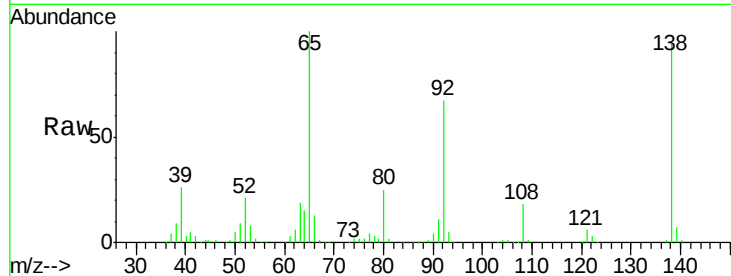
#47
 2-Nitroaniline
 Concen: 38.58 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	46.6	70.0
138	94.1	54.6	81.8

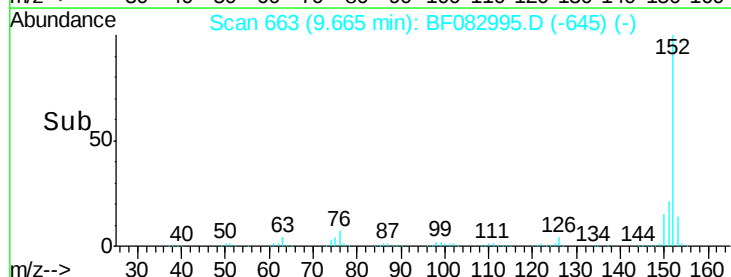
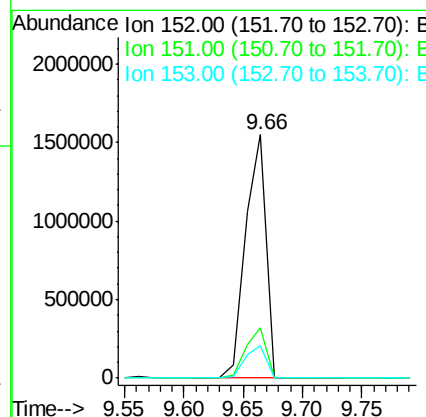
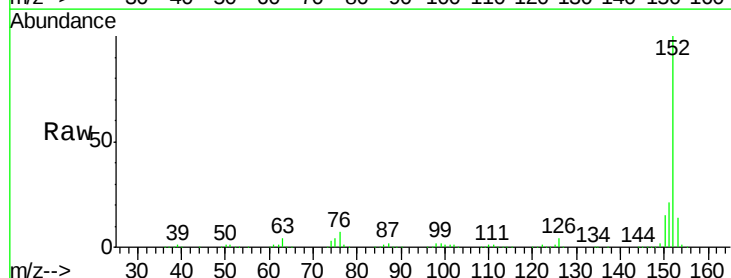
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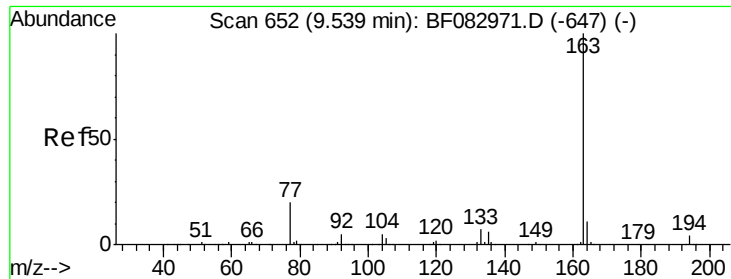
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#48
 Acenaphthylene
 Concen: 37.34 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.3	25.9
153	13.6	11.3	16.9





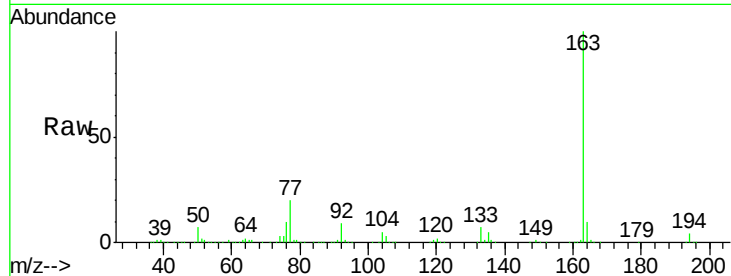
#49
Dimethylphthalate
Concen: 37.84 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

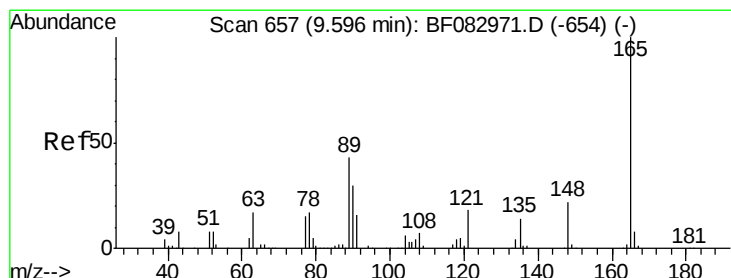
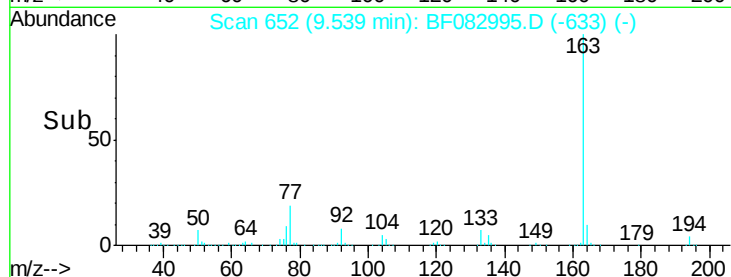
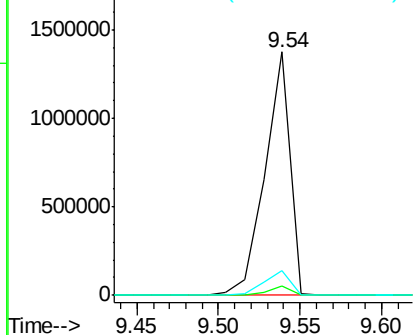
Tgt Ion:163 Resp: 1465451
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.7 13.1

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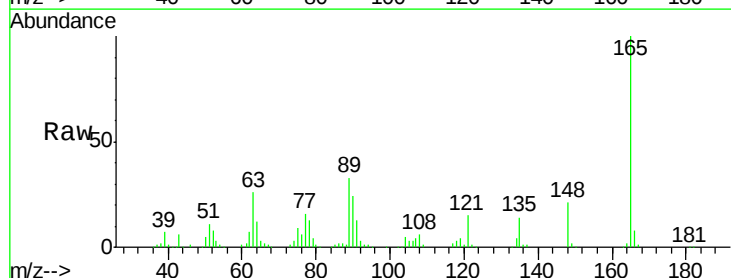


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

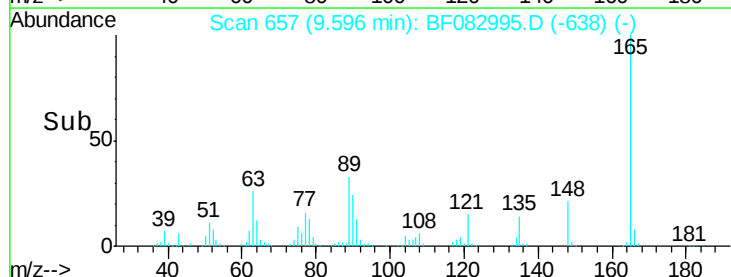
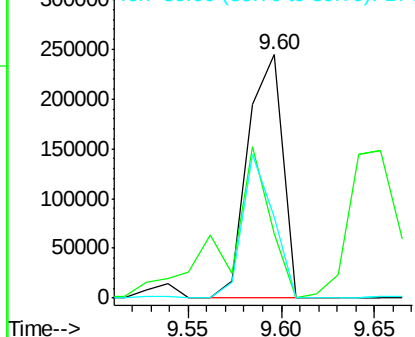


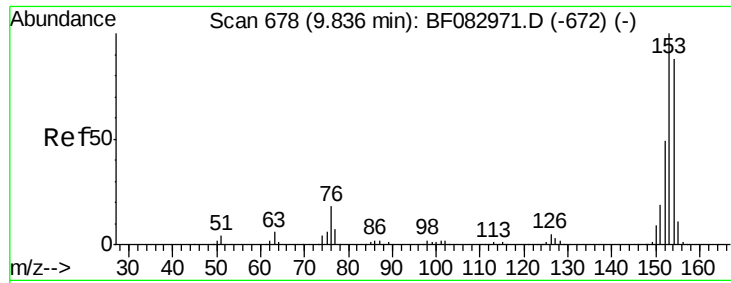
#50
2,6-Dinitrotoluene
Concen: 37.98 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion:165 Resp: 313880
Ion Ratio Lower Upper
165 100
63 26.5 55.5 83.3#
89 33.5 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





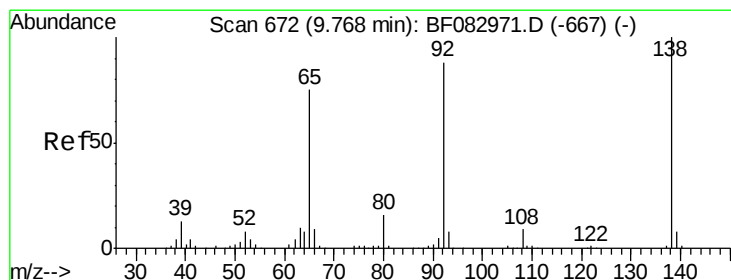
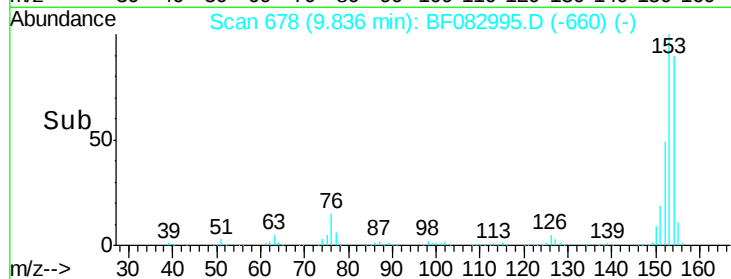
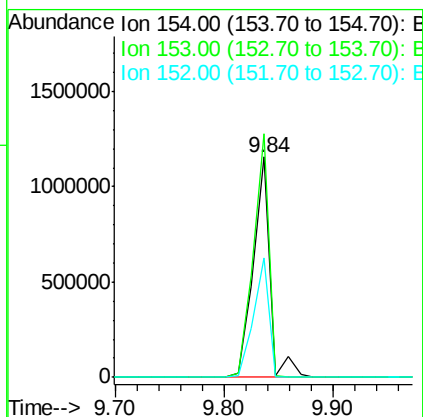
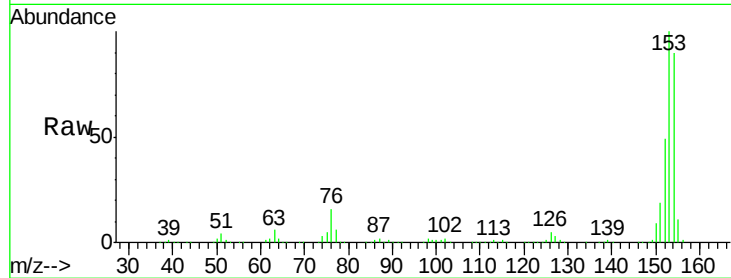
#51
Acenaphthene
Concen: 39.23 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.1	135.1
152	54.6	44.3	66.5

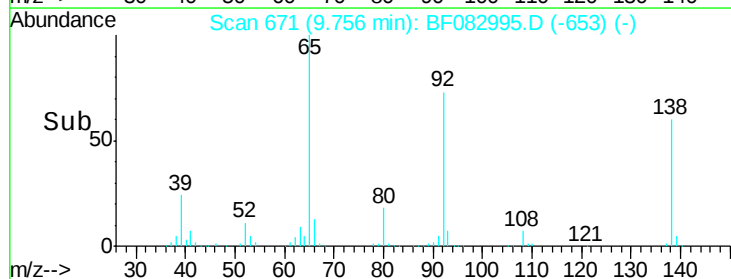
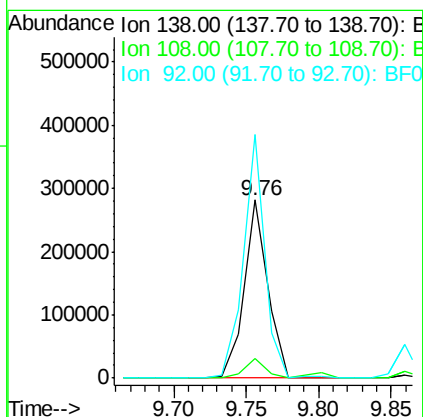
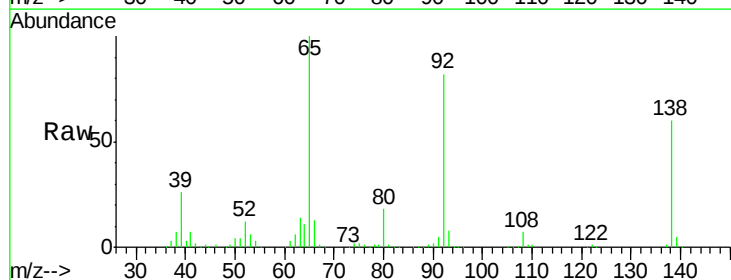
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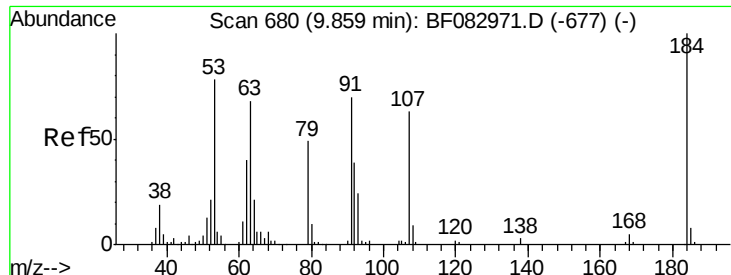
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#52
3-Nitroaniline
Concen: 34.82 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	11.3	16.9#
92	136.7	122.4	183.6





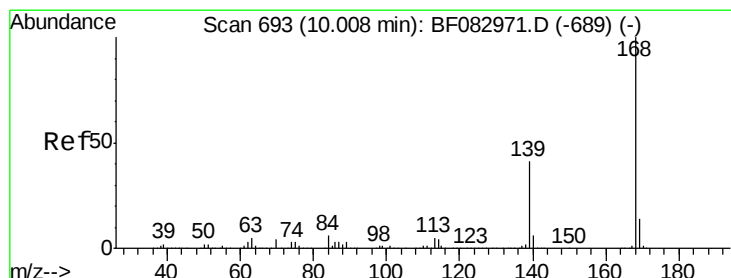
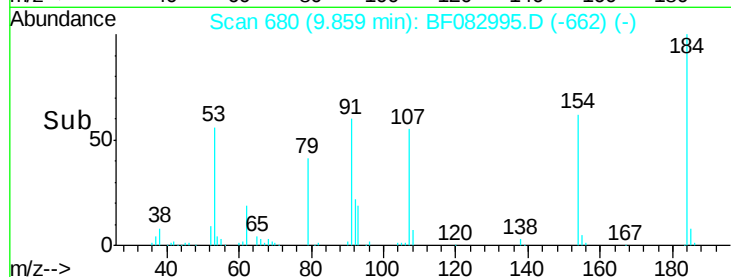
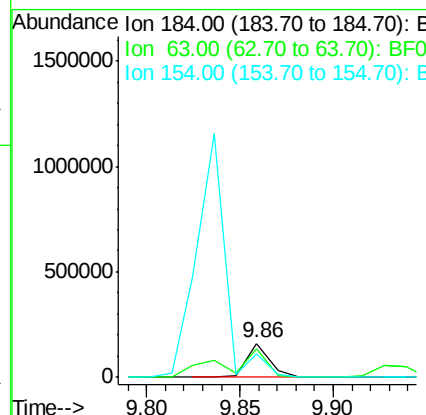
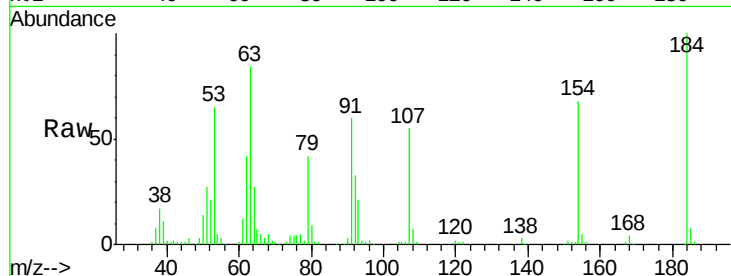
#53
2,4-Dinitrophenol
Concen: 31.48 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142832		
63	83.8	98.6	148.0#	
154	67.8	183.9	275.9#	

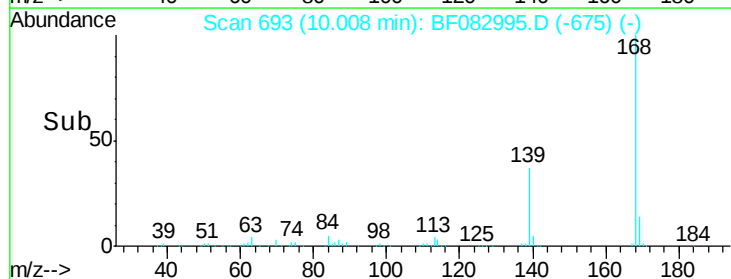
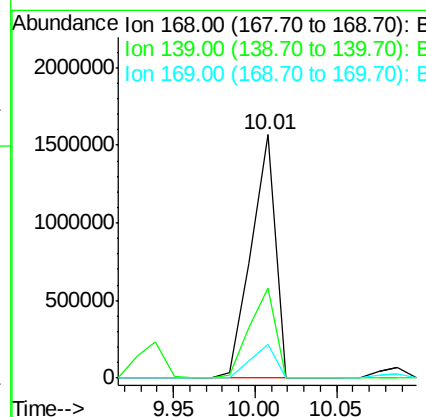
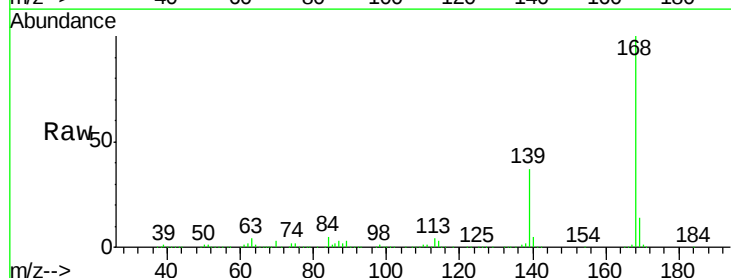
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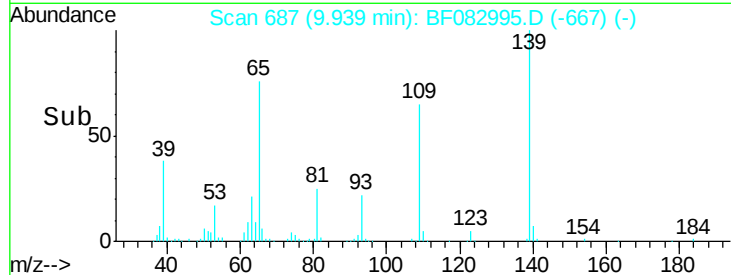
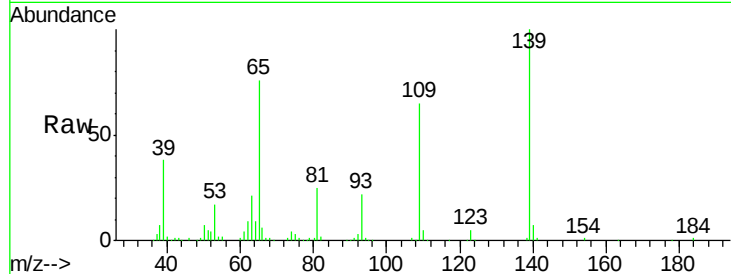
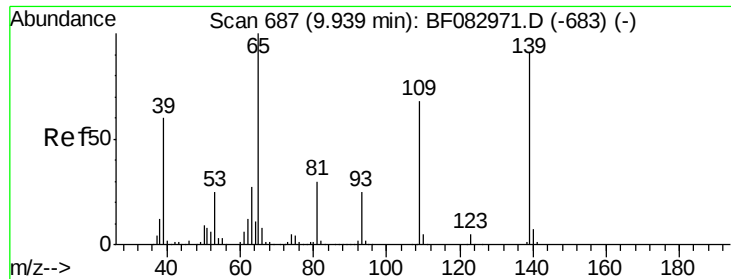
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#54
Dibenzofuran
Concen: 37.99 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1609921		
139	36.9	37.8	56.6#	
169	13.7	11.3	16.9	





#55

4-Nitrophenol

Concen: 39.18 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion:	139	Resp:	273200
Ion Ratio	Lower	Upper	
139	100		
109	64.7	73.7	113.7#
65	75.5	82.9	122.9#

Instrument :

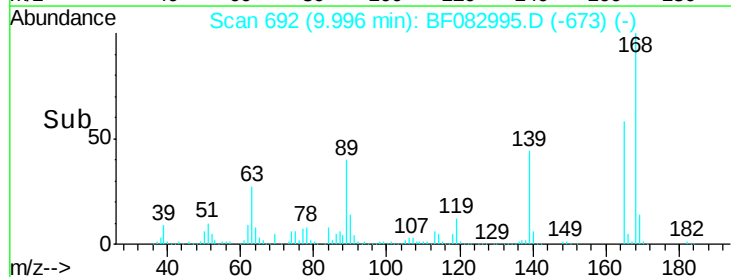
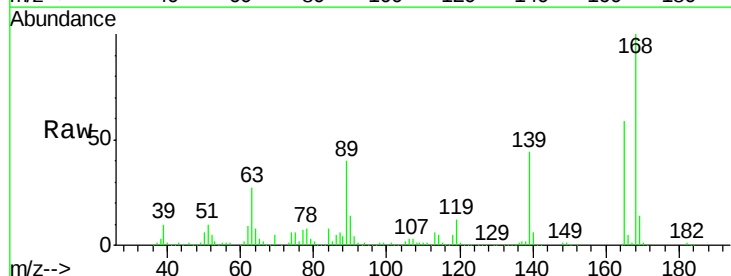
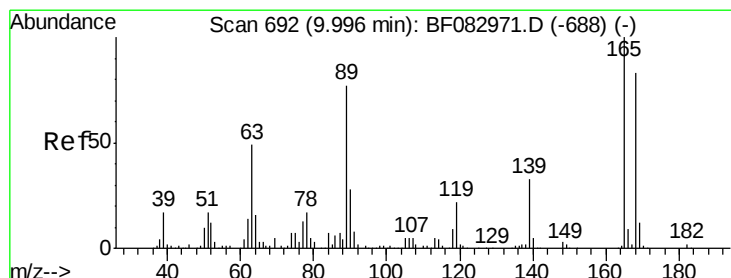
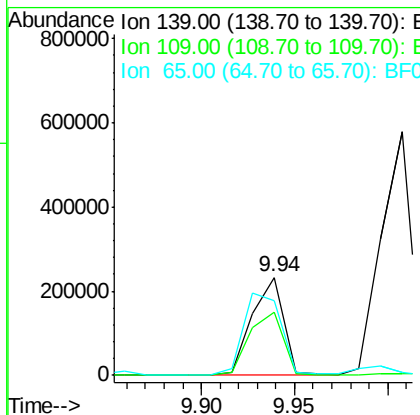
BNA_F

ClientSampleId :

SSTDCCC040

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#56

2,4-Dinitrotoluene

Concen: 40.71 ng

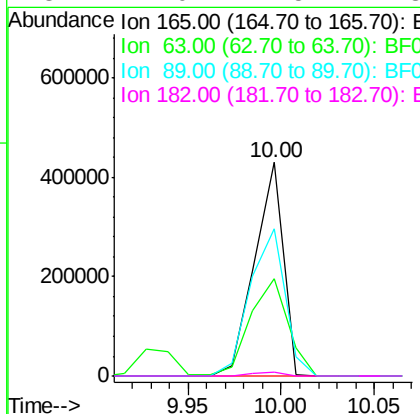
RT: 10.00 min Scan# 692

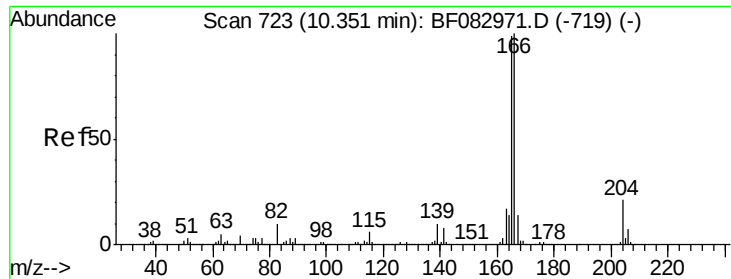
Delta R.T. -0.08 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion:	165	Resp:	456501
Ion Ratio	Lower	Upper	
165	100		
63	45.7	43.4	65.0
89	68.6	70.6	106.0#
182	2.0	1.5	2.3





#57

Fluorene

Concen: 36.94 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1267566

Ion Ratio Lower Upper

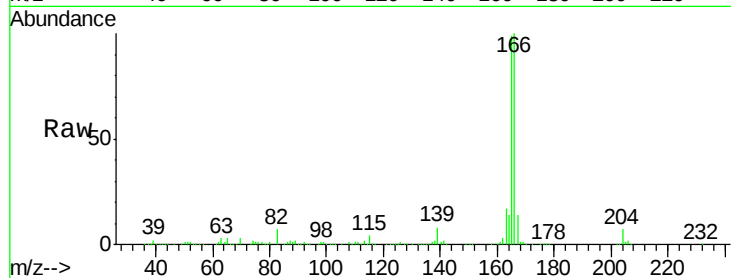
166 100

165 99.1 80.2 120.4

167 13.6 11.2 16.8

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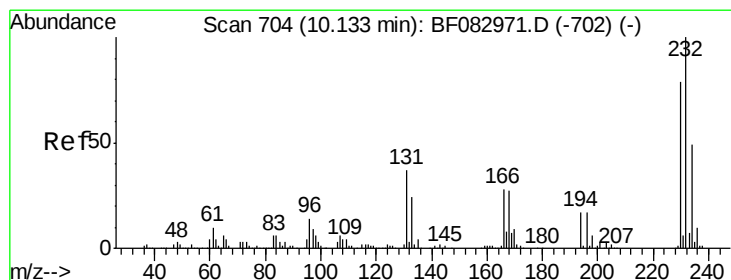
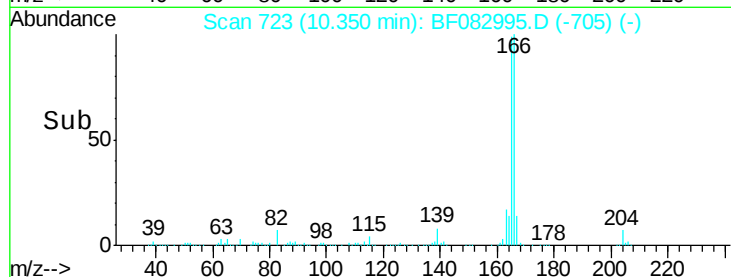
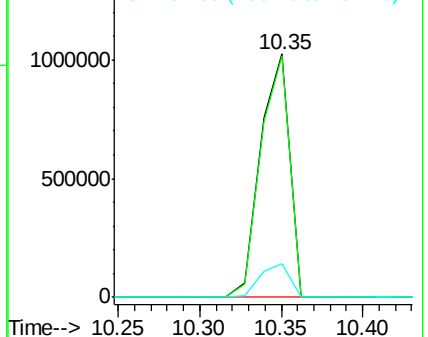
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.14 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.08 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion:232 Resp: 319594

Ion Ratio Lower Upper

232 100

131 45.5 46.2 69.2#

130 2.3 2.4 3.6#

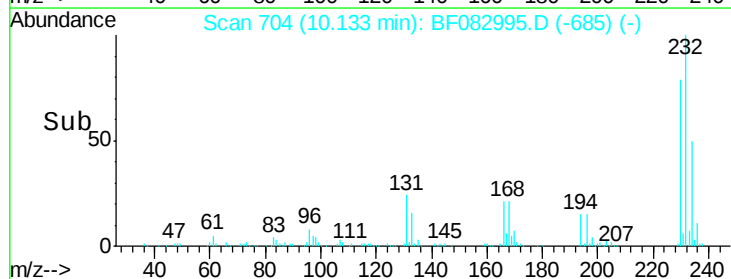
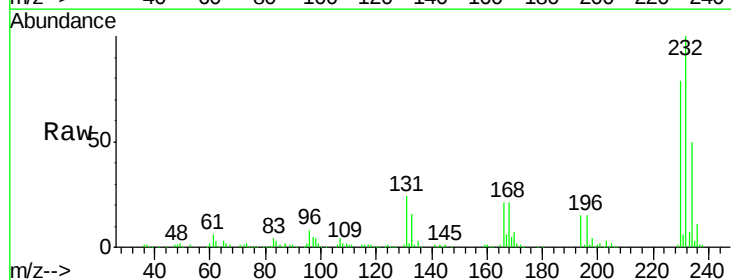
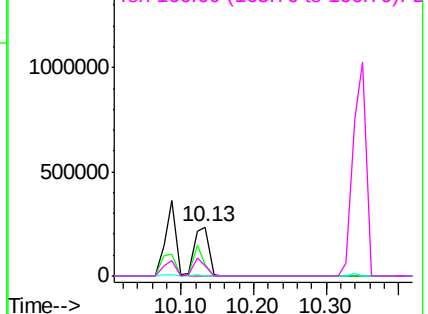
166 30.5 28.2 42.2

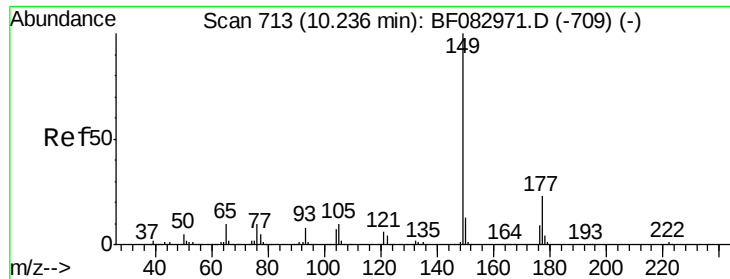
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





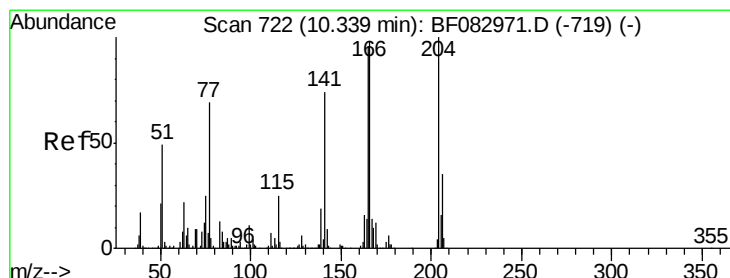
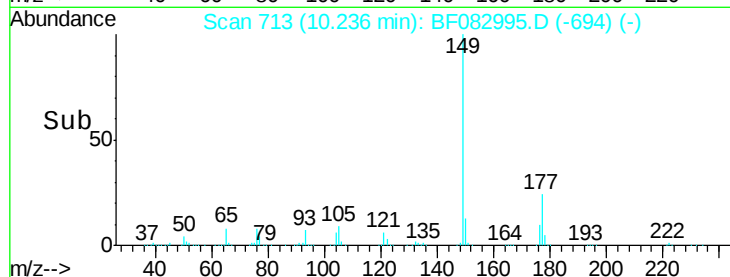
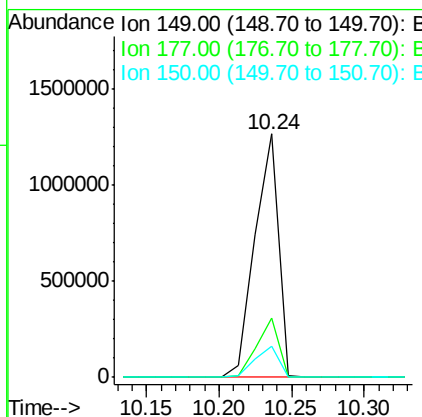
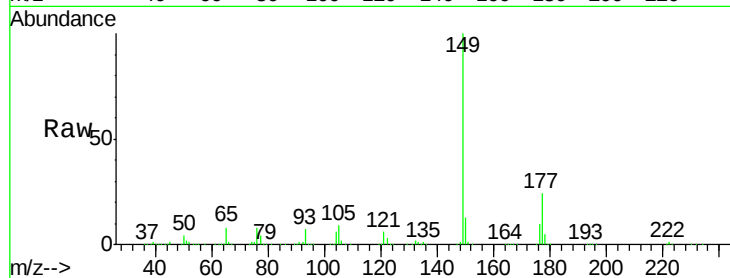
#59
Diethylphthalate
Concen: 37.74 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	17.9	26.9
150	12.8	10.1	15.1

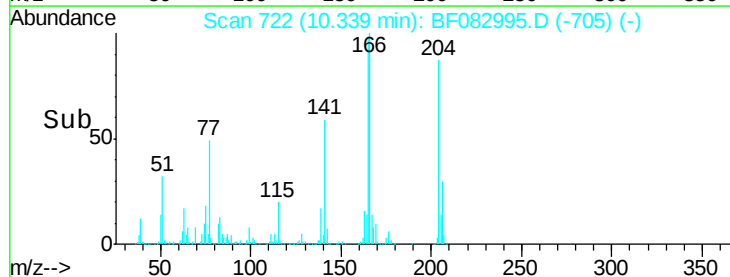
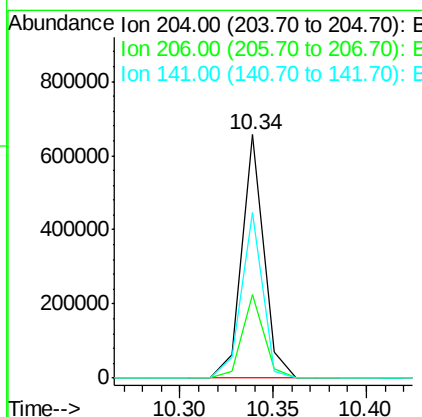
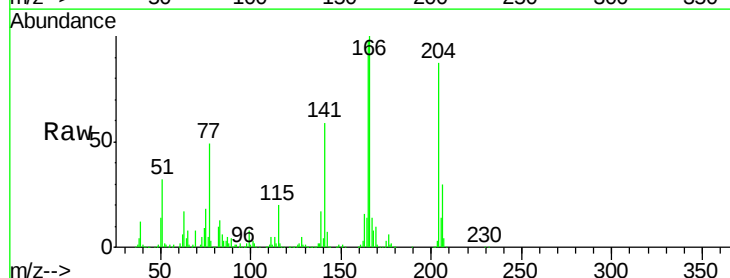
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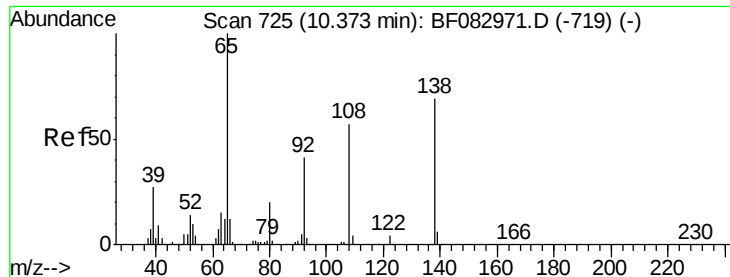
mohammad
11/19/2015 8:25:47 AM



#60
4-Chlorophenyl-phenylether
Concen: 31.46 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	68.2	44.6	66.8





#61

4-Nitroaniline

Concen: 40.02 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 138 Resp: 365747
Ion Ratio Lower Upper

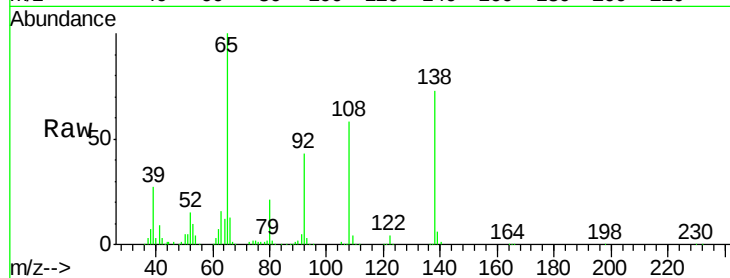
138 100

92 58.6 45.8 85.8

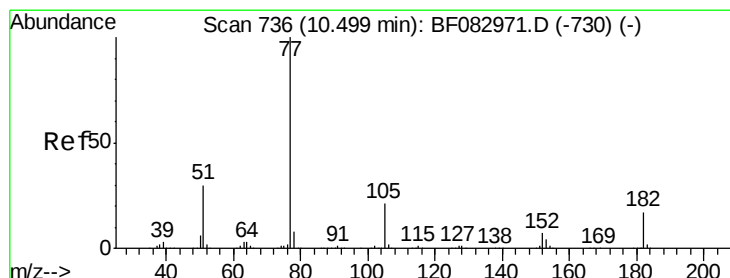
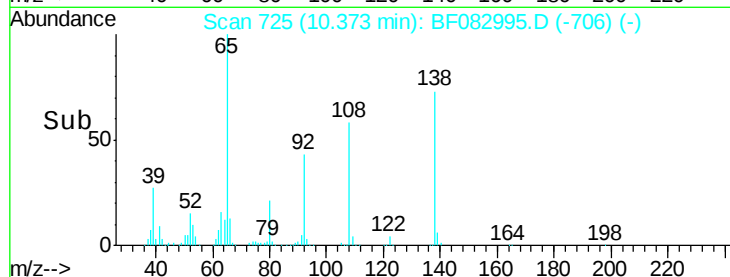
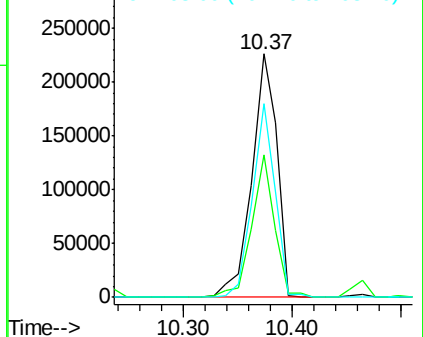
108 79.3 89.4 129.4#

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



#62

Azobenzene

Concen: 37.59 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

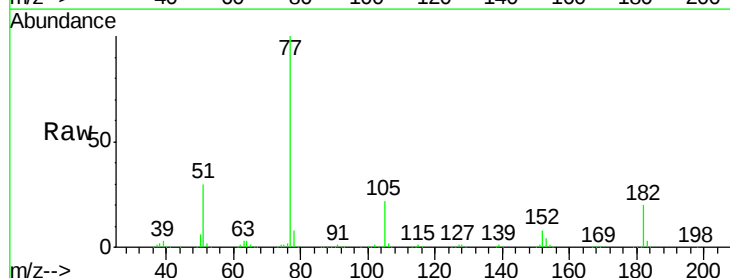
Tgt Ion: 77 Resp: 1526987
Ion Ratio Lower Upper

77 100

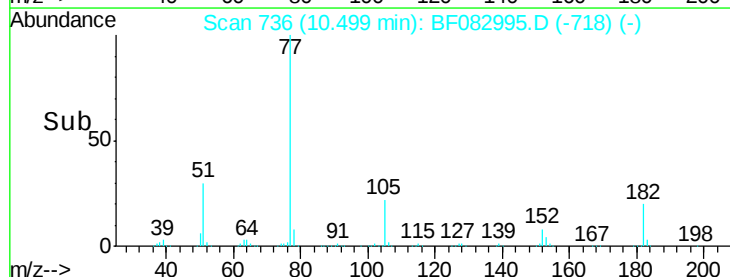
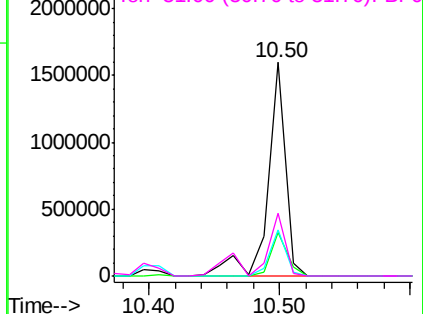
182 20.1 9.3 49.3

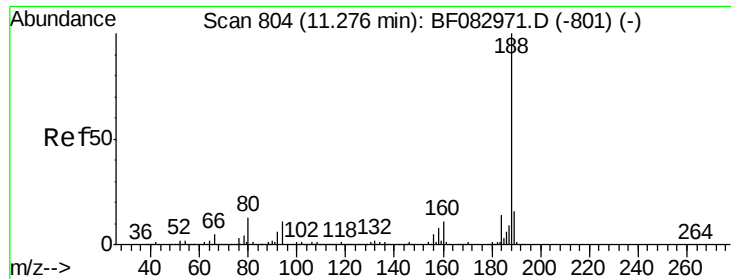
105 21.9 2.6 42.6

51 29.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





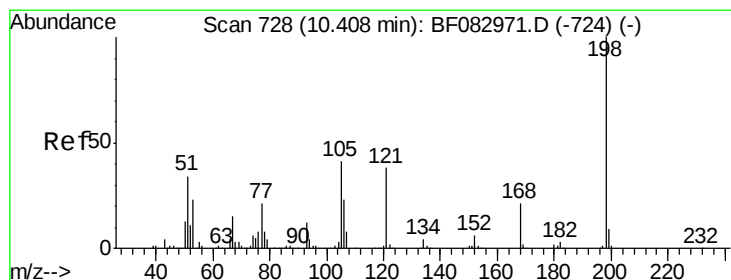
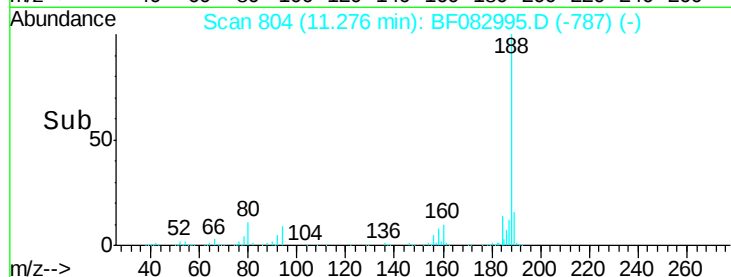
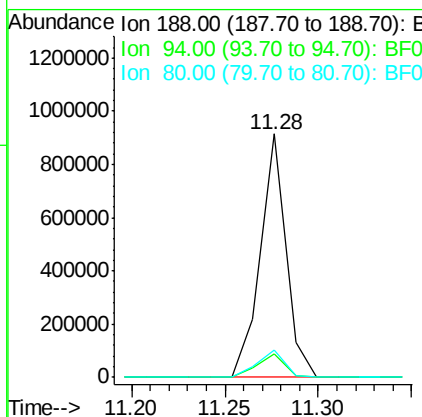
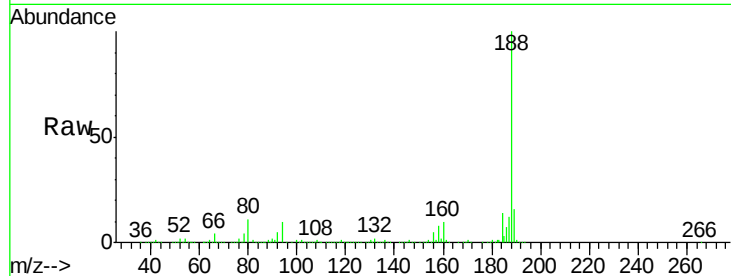
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	6.1	9.1#
80	11.1	7.0	10.6#

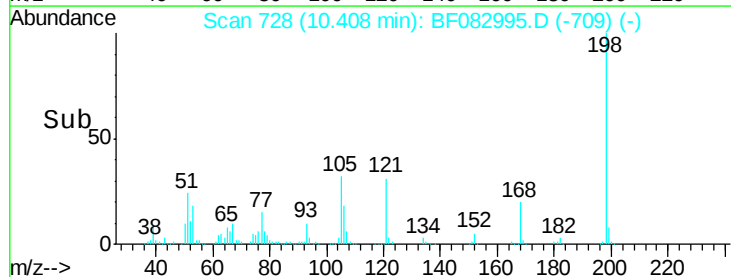
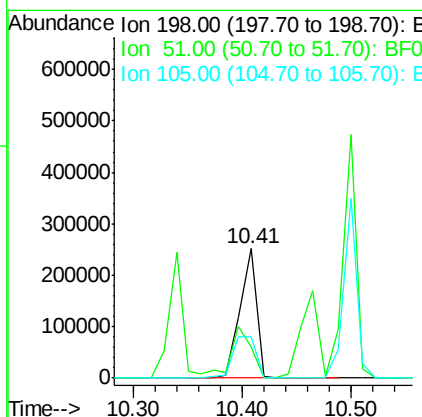
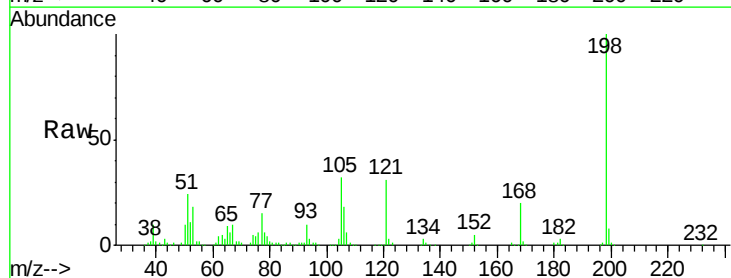
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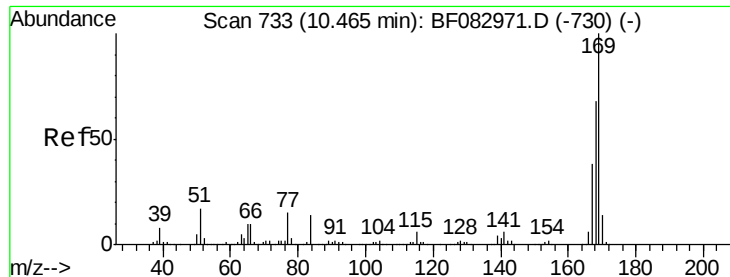
mohammad
11/19/2015 8:25:47 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.35 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.08 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.9	17.3	57.3
105	32.3	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 37.94 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1191475

Ion Ratio Lower Upper

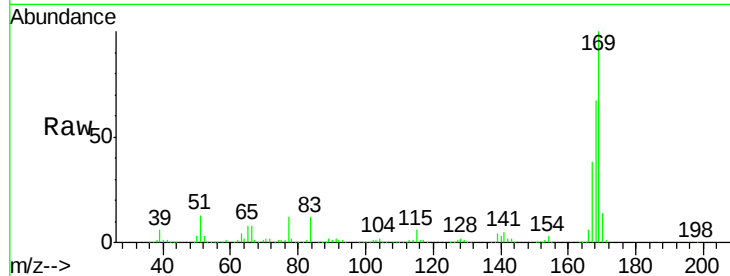
169 100

168 67.5 55.0 82.6

167 37.6 30.5 45.7

Manual Integrations
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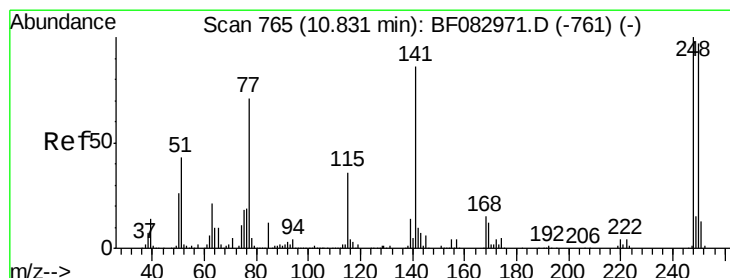
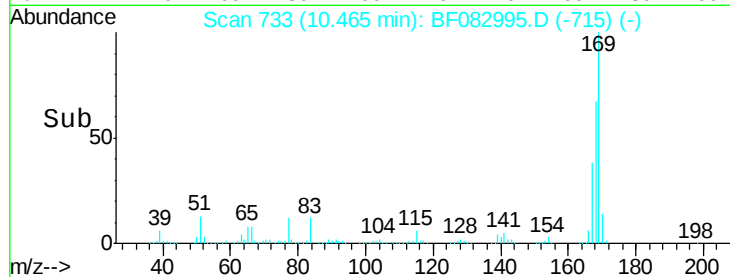
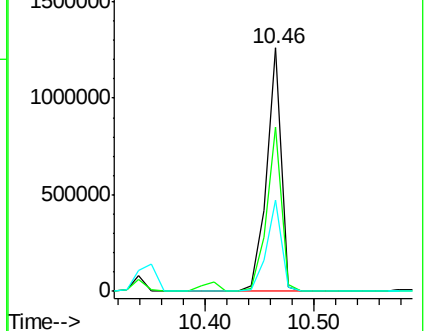
mohammad
11/19/2015 8:25:47 AM



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: 38.35 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

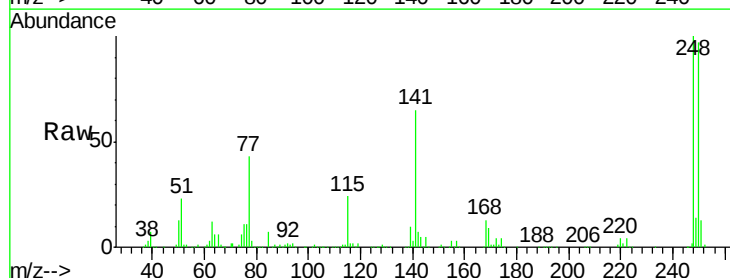
Tgt Ion:248 Resp: 401332

Ion Ratio Lower Upper

248 100

250 96.9 79.4 119.2

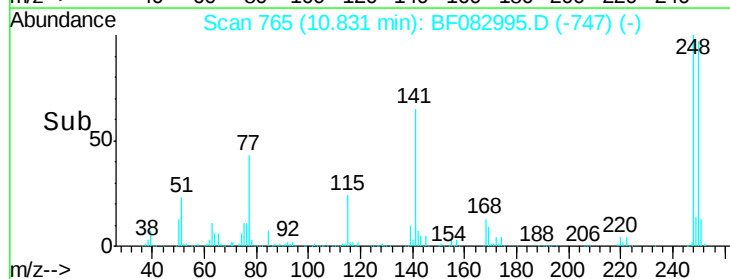
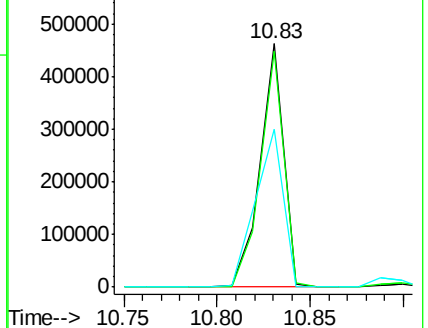
141 64.6 36.3 54.5#

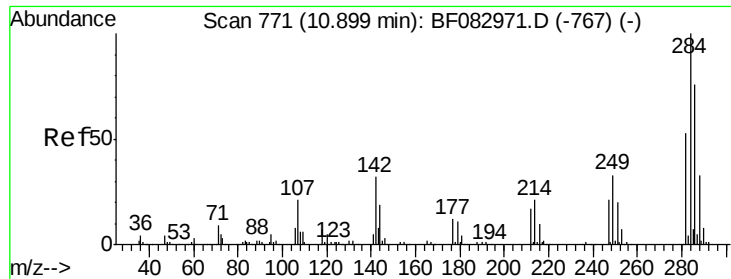


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





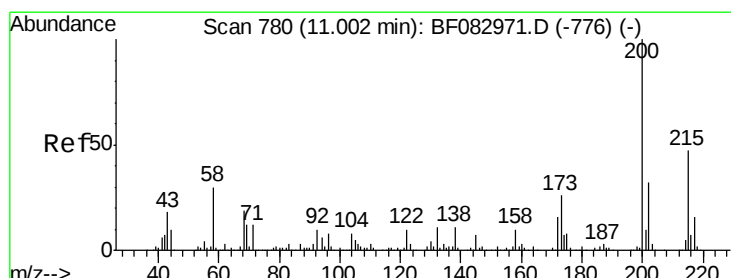
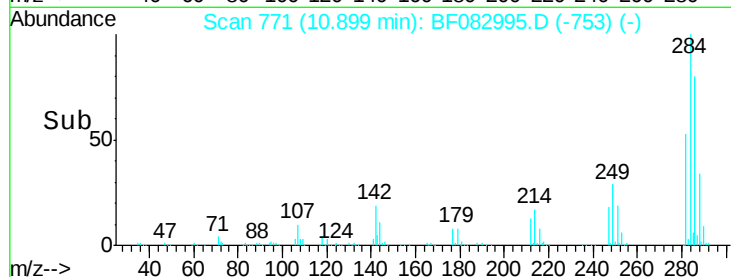
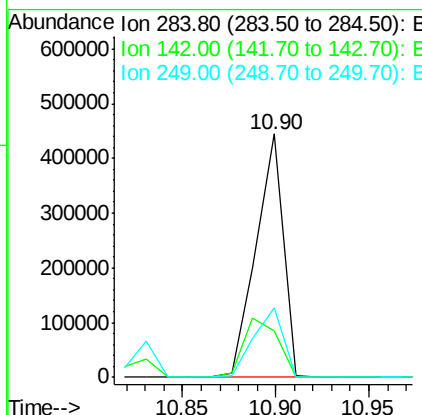
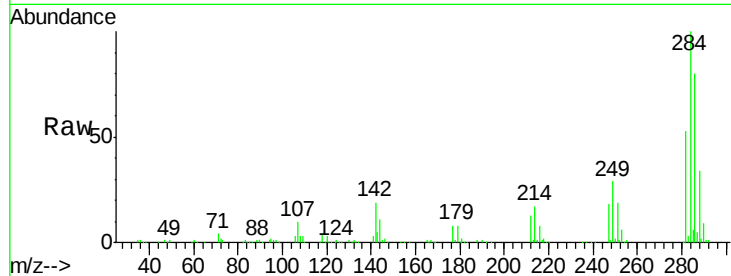
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	448701		
142	19.0	47.9	71.9#	
249	28.6	29.7	44.5#	

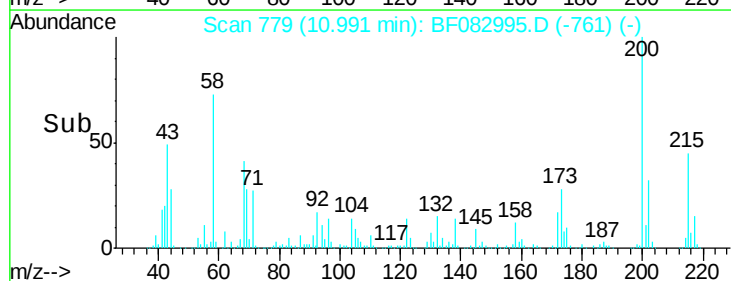
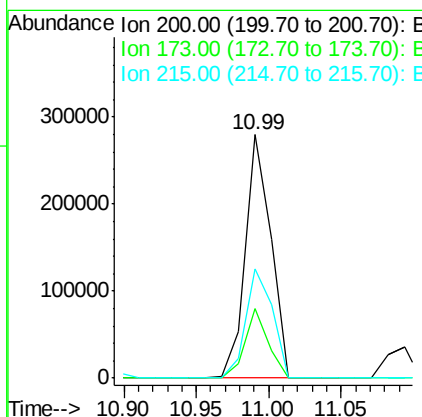
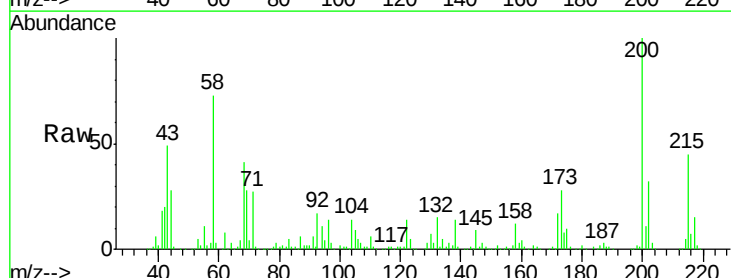
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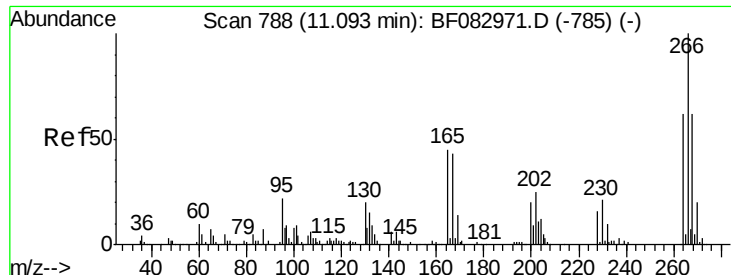
mohammad
11/19/2015 8:25:47 AM



#68
Atrazine
Concen: 35.00 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	339886		
173	28.4	6.9	46.9	
215	45.0	22.9	62.9	





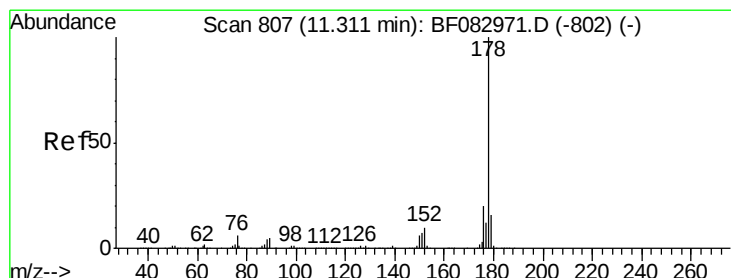
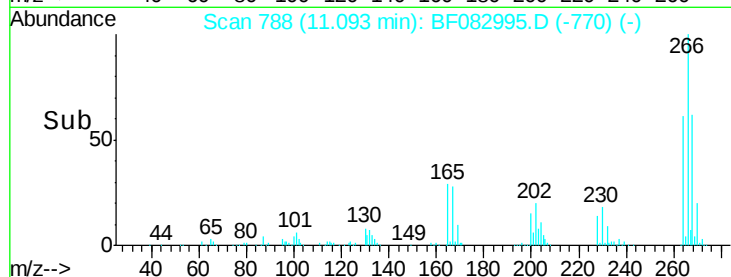
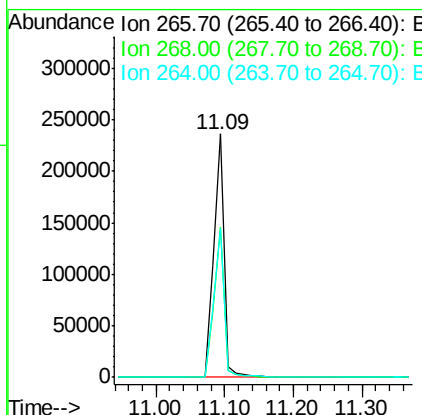
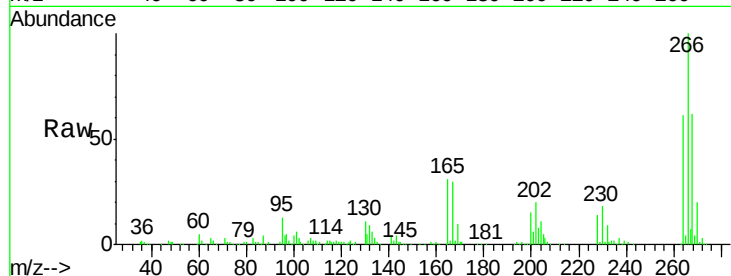
#69
 Pentachlorophenol
 Concen: 35.85 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	254442		
268	61.9	51.0	76.6	
264	61.3	50.6	75.8	

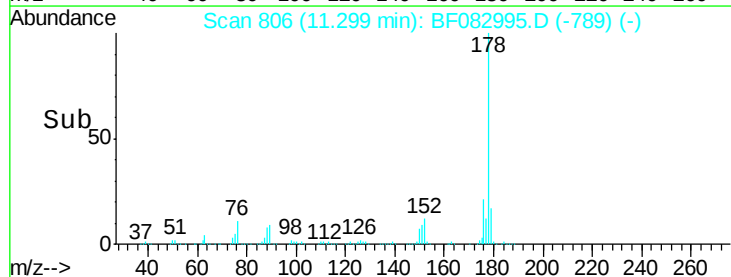
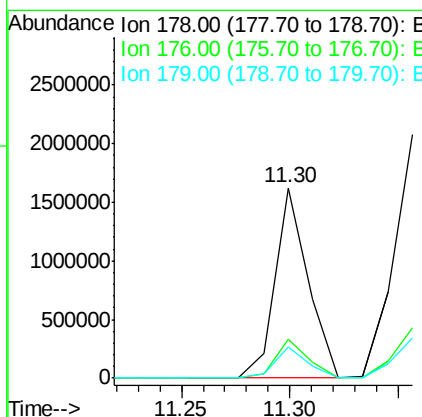
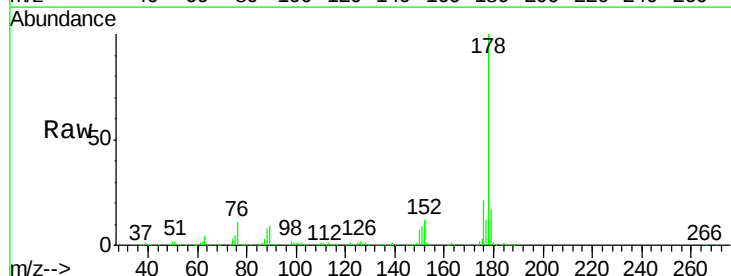
Manual Integrations
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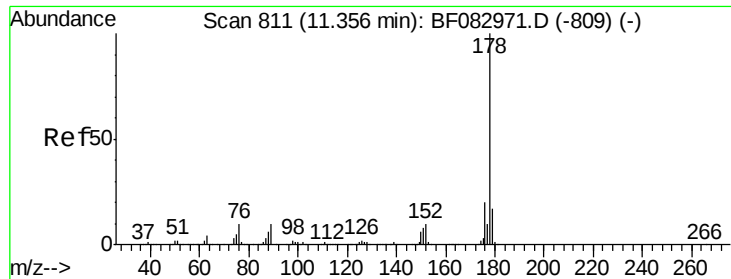
mohammad
 11/19/2015 8:25:47 AM



#70
 Phenanthrene
 Concen: 34.06 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1719063		
176	20.7	17.0	25.4	
179	16.7	13.4	20.0	





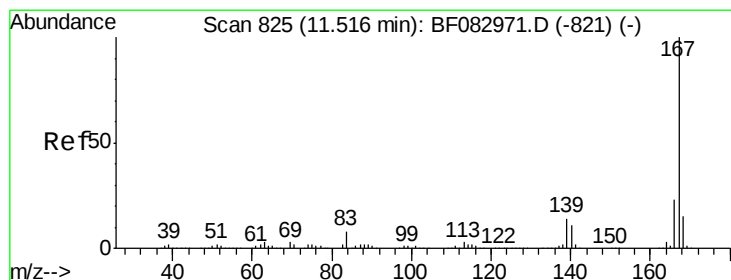
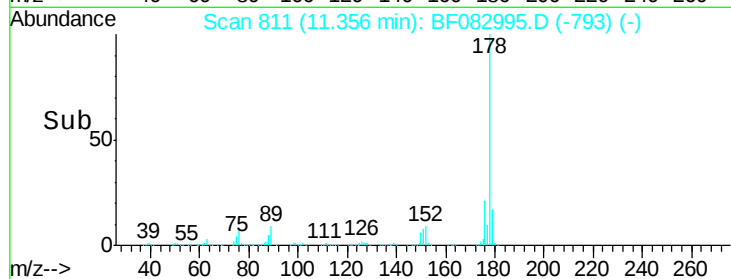
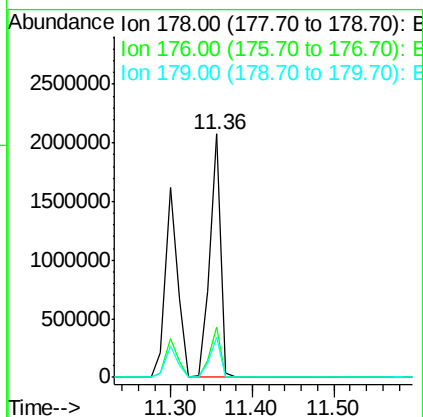
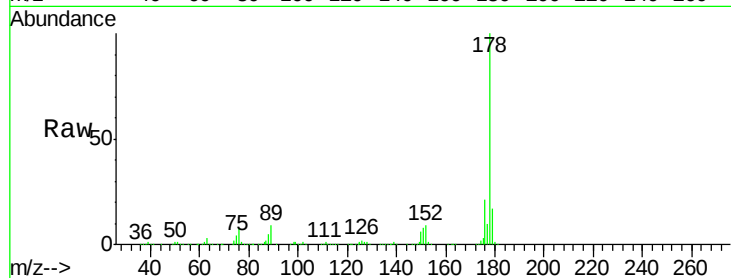
#71
 Anthracene
 Concen: 37.19 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1977247
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.7 13.2 19.8

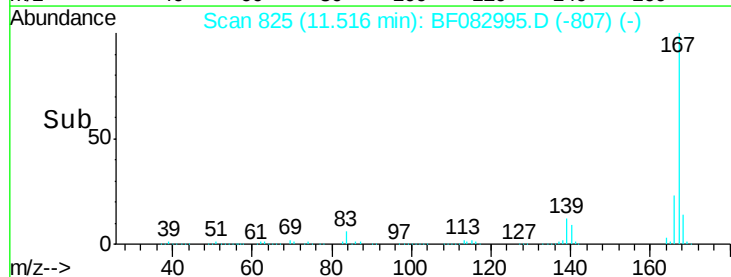
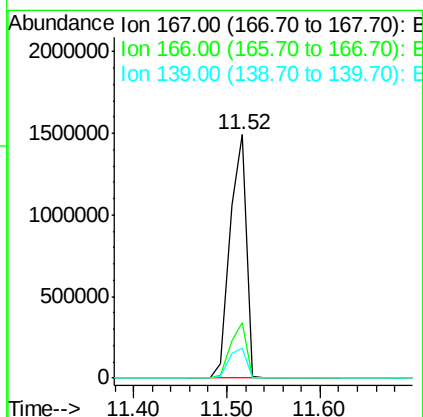
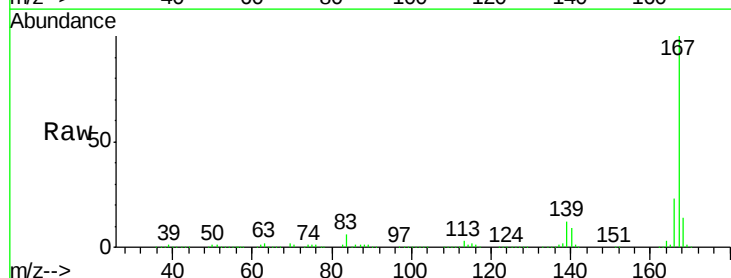
Manual Integrations
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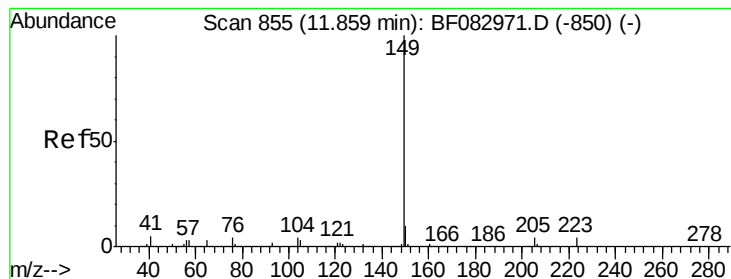
mohammad
 11/19/2015 8:25:47 AM



#72
 Carbazole
 Concen: 39.25 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.09 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion:167 Resp: 1826596
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 12.1 11.8 17.6





#73

Di-n-butylphthalate

Concen: 33.85 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1962886

Ion Ratio Lower Upper

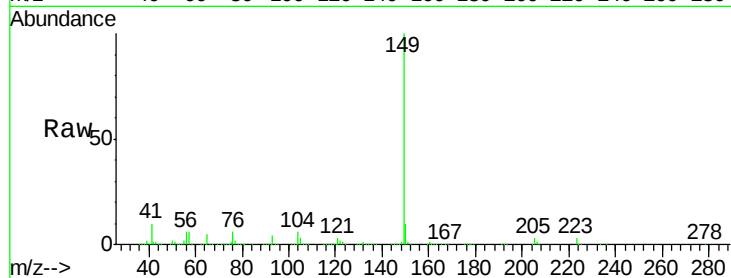
149 100

150 10.1 8.1 12.1

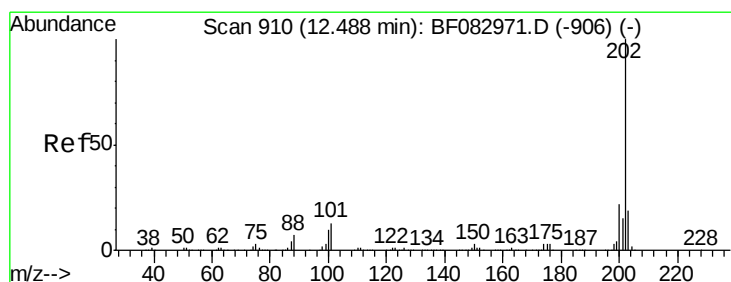
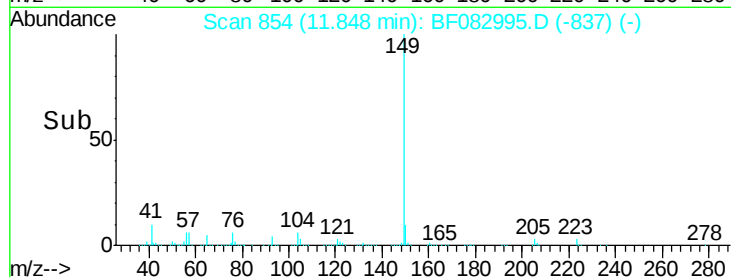
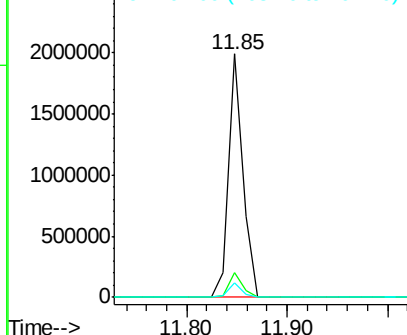
104 6.0 5.2 7.8

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mohammad
11/19/2015 8:25:47 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.04 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

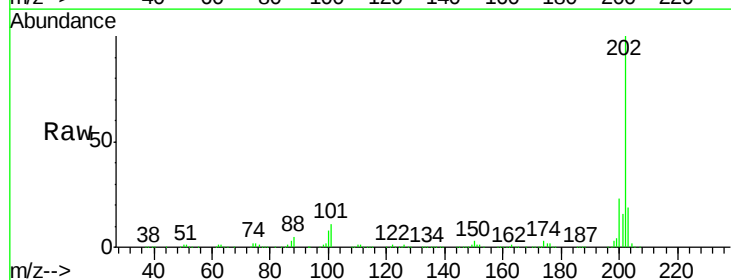
Tgt Ion:202 Resp: 2006051

Ion Ratio Lower Upper

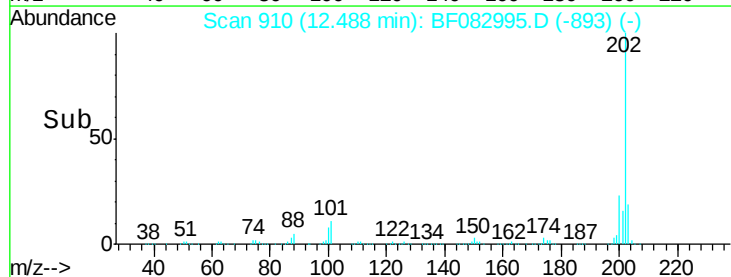
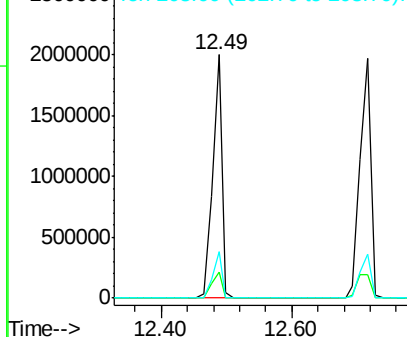
202 100

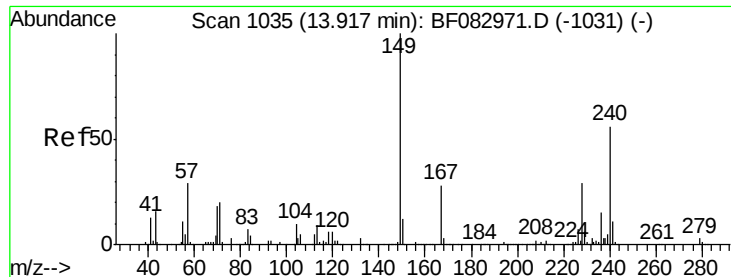
101 10.5 0.0 30.5

203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

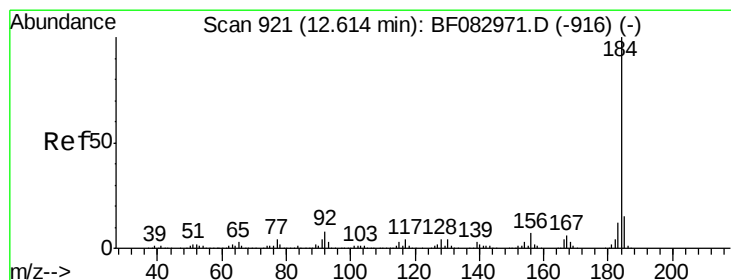
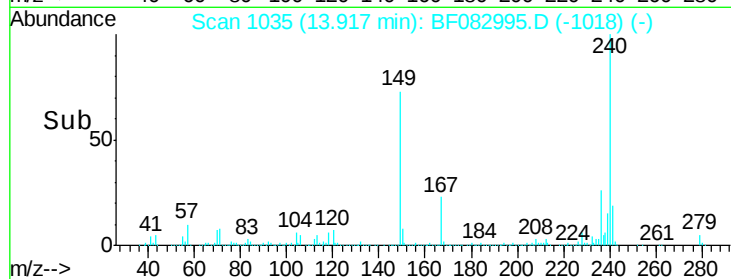
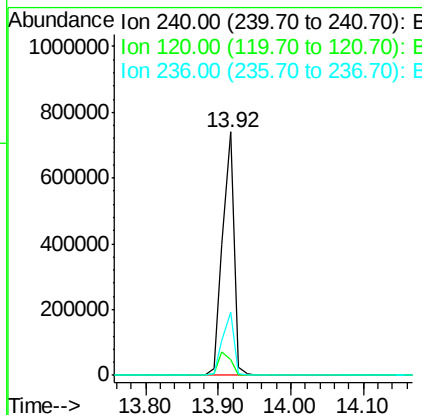
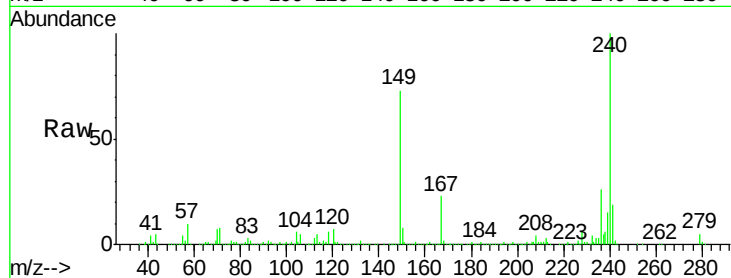
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	10.9	16.3#
236	25.7	21.6	32.4

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#76

Benzidine

Concen: 39.63 ng

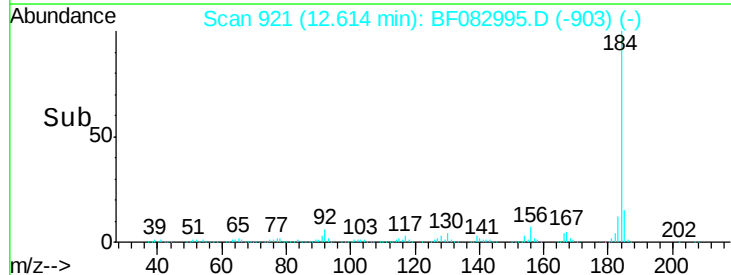
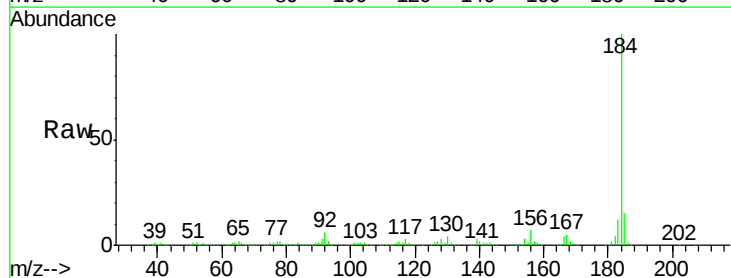
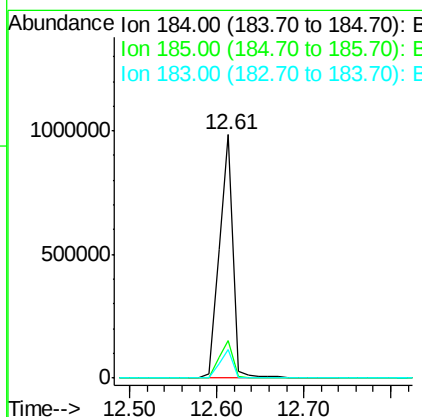
RT: 12.61 min Scan# 921

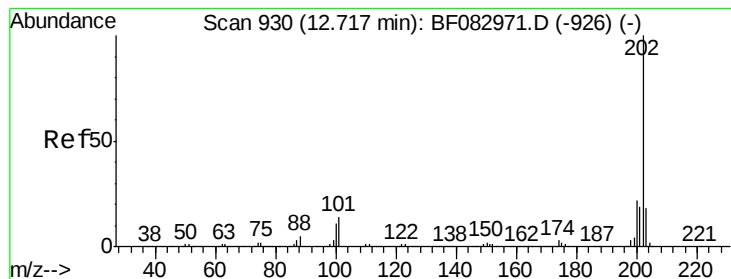
Delta R.T. -0.09 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.0	18.0
183	11.7	9.6	14.4





#77

Pyrene

Concen: 39.16 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 202 Resp: 2212183

Ion Ratio Lower Upper

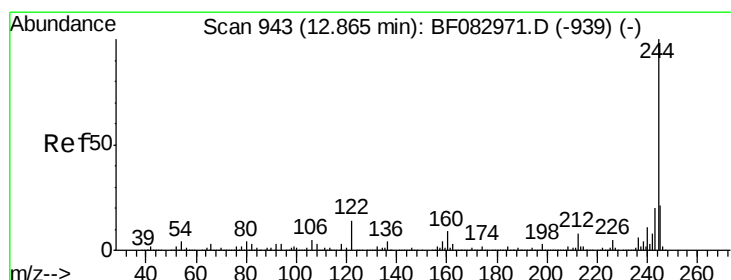
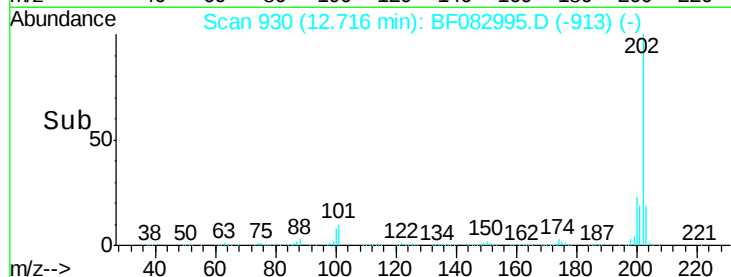
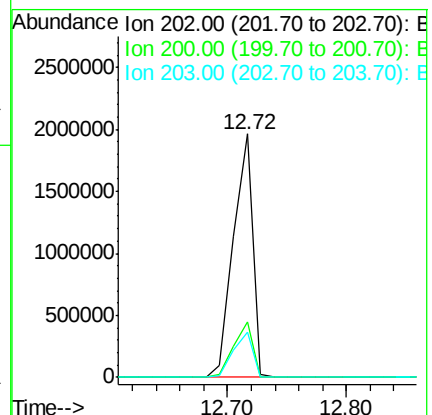
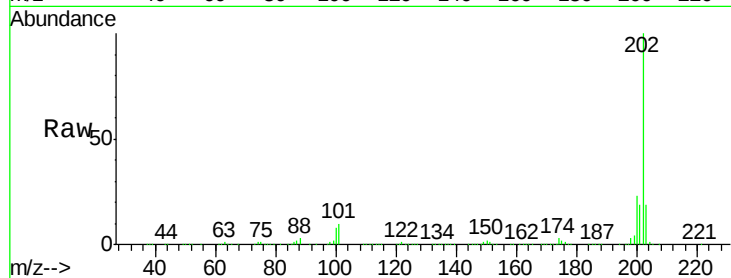
202 100

200 22.7 18.7 28.1

203 18.6 14.8 22.2

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#78

Terphenyl-d14

Concen: 73.38 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

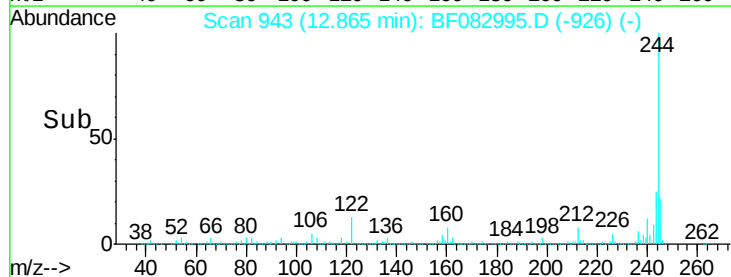
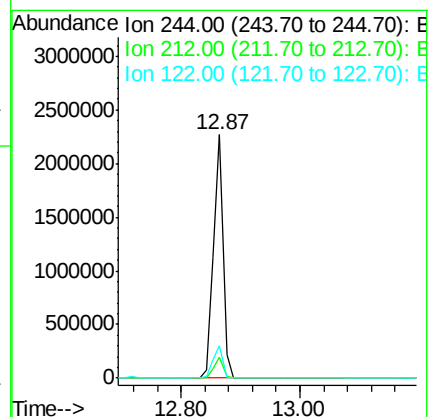
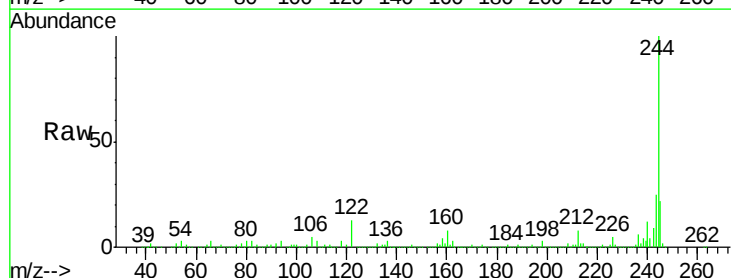
Tgt Ion: 244 Resp: 2544812

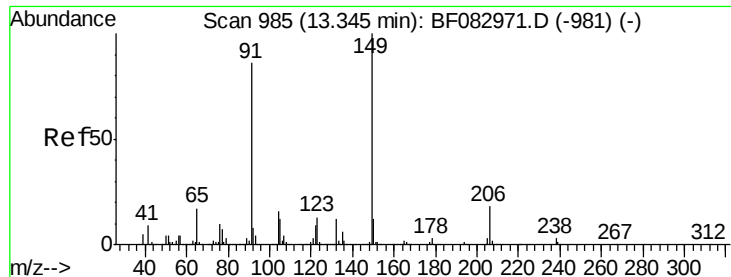
Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 13.4 11.3 16.9





#79

Butylbenzylphthalate

Concen: 51.90 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082995.D

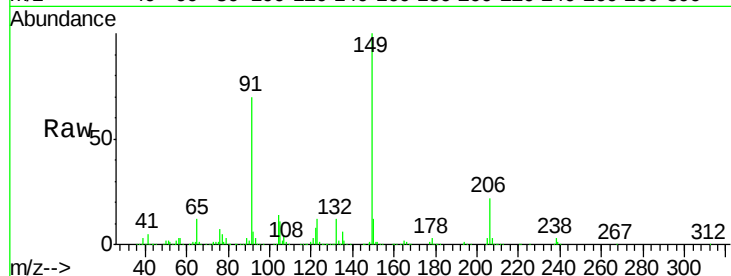
Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1295029

Ion Ratio Lower Upper

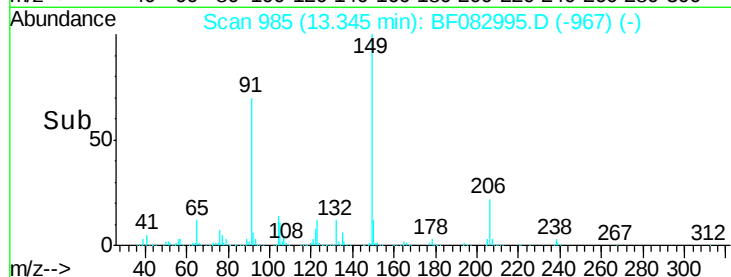
149 100

91 69.9 67.7 101.5

206 22.2 14.6 22.0#

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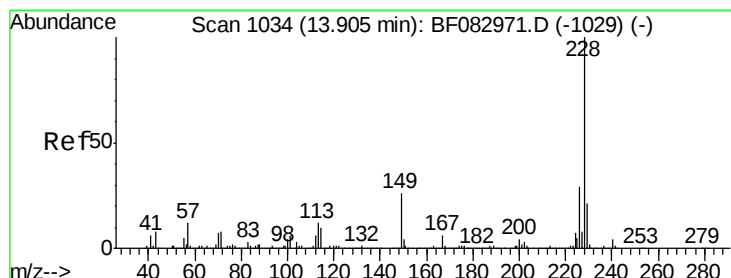
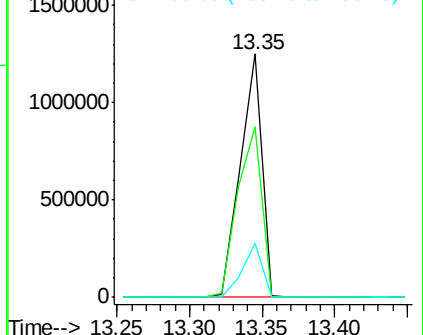
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.15 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

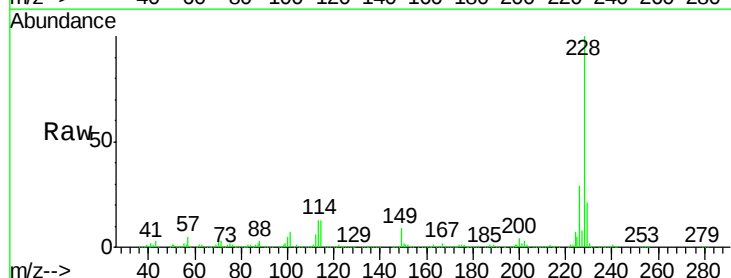
Tgt Ion:228 Resp: 2116349

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

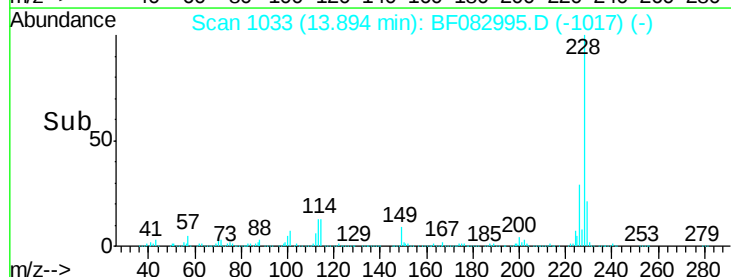
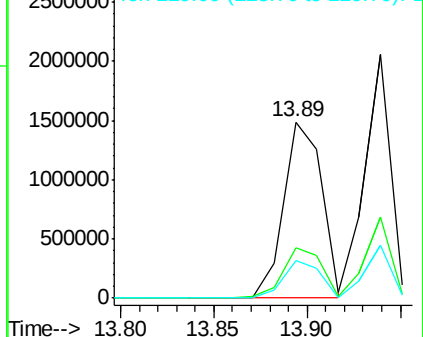
229 21.1 16.3 24.5

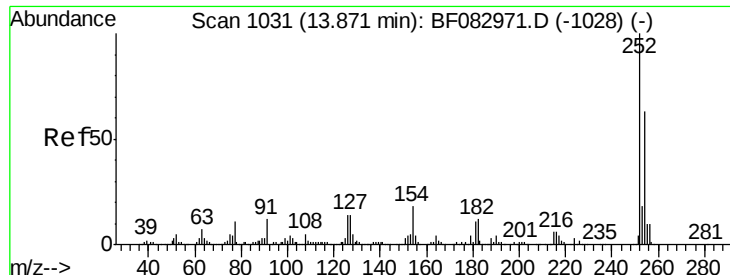


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





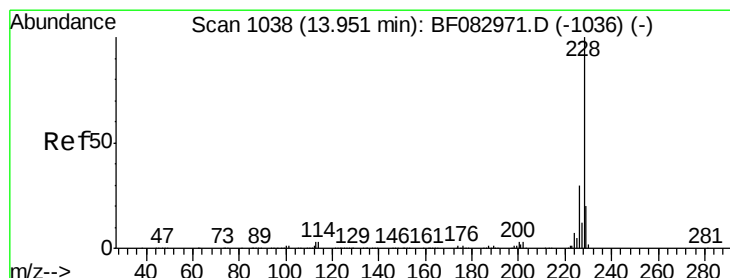
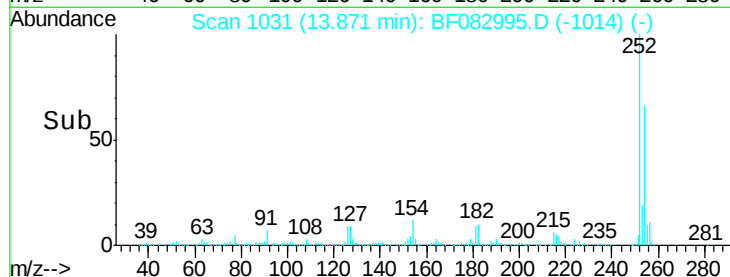
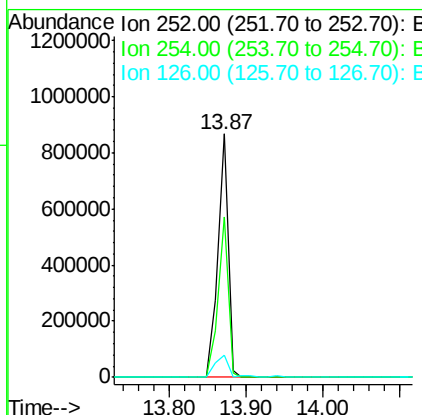
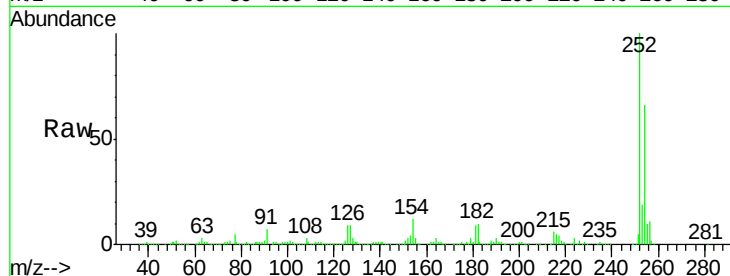
#81
 3,3'-Dichlorobenzidine
 Concen: 44.18 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.10 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.4	77.0
126	9.3	10.7	16.1#

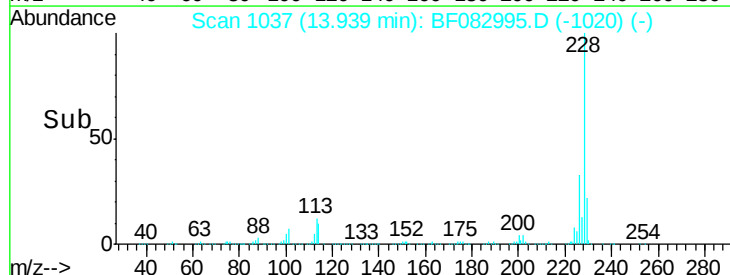
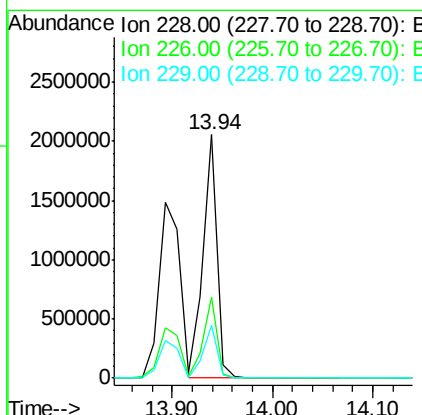
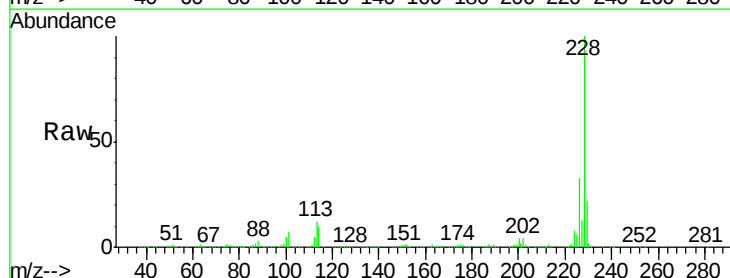
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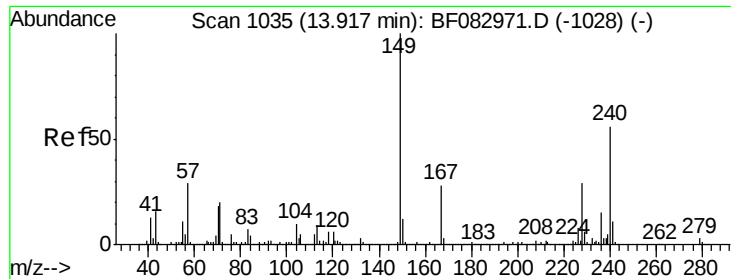
mohammad
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#82
 Chrysene
 Concen: 42.13 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082995.D
 Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.5	38.3
229	21.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.79 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1393254

Ion Ratio Lower Upper

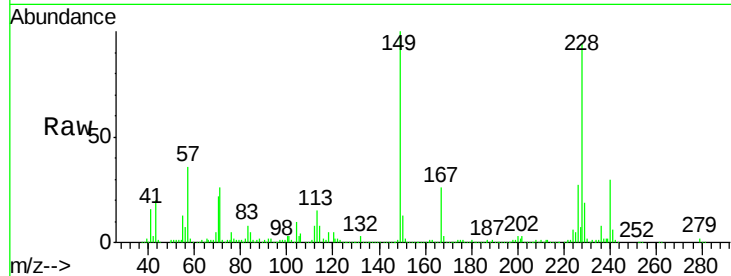
149 100

167 26.2 21.2 31.8

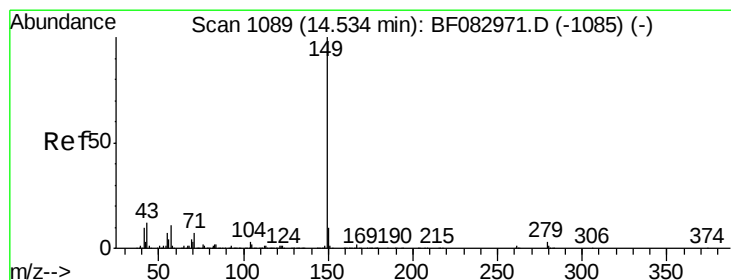
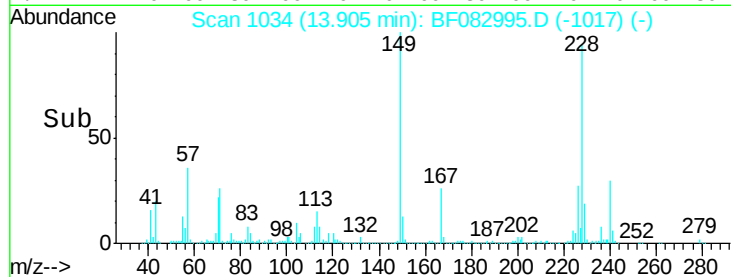
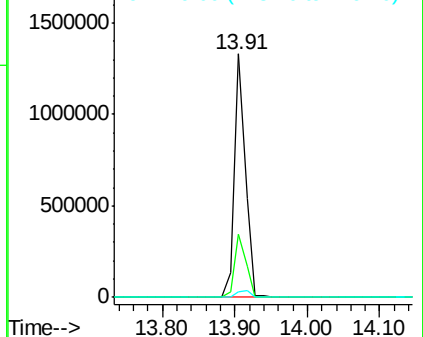
279 2.5 2.2 3.2

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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: 46.71 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.11 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

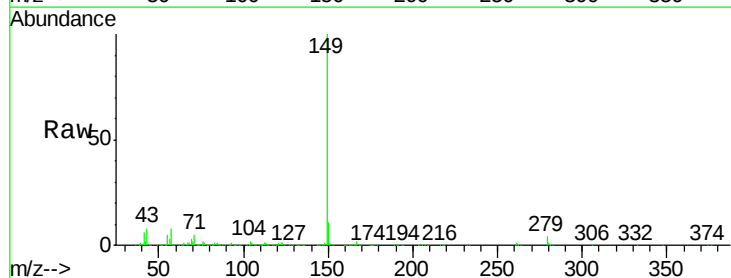
Tgt Ion:149 Resp: 2661000

Ion Ratio Lower Upper

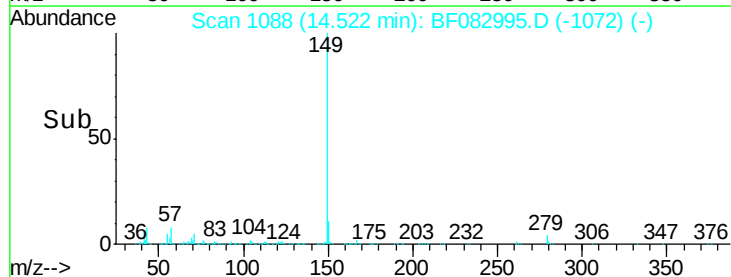
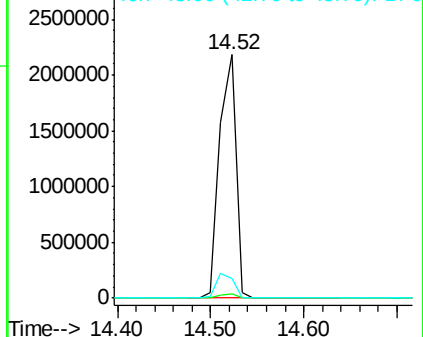
149 100

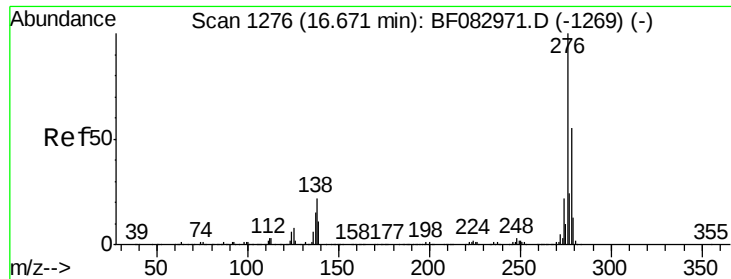
167 1.6 1.3 1.9

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





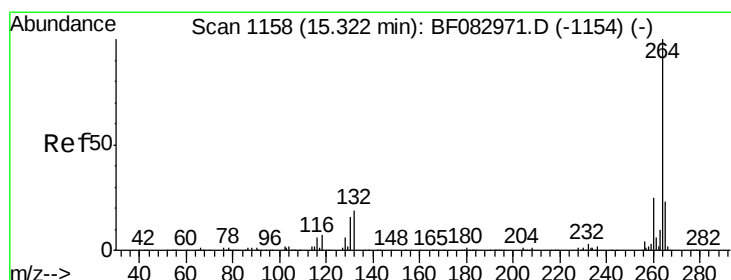
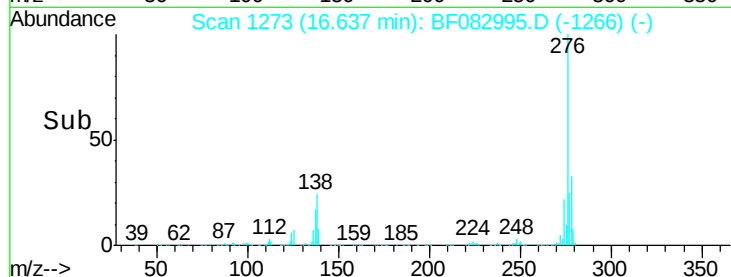
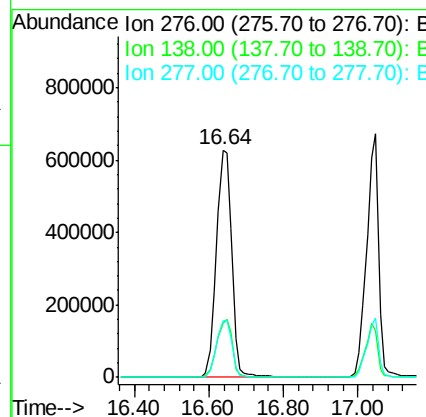
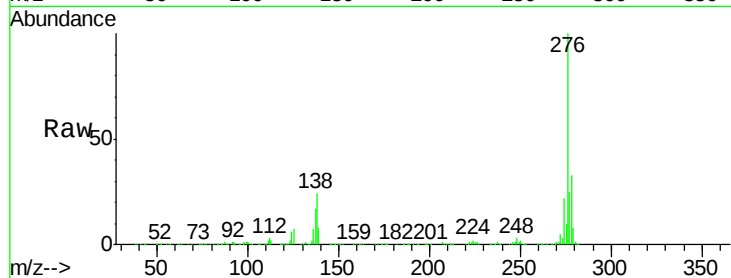
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.66 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.22 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 276 Resp: 1811825
Ion Ratio Lower Upper
276 100
138 25.7 15.3 22.9#
277 25.0 20.2 30.4

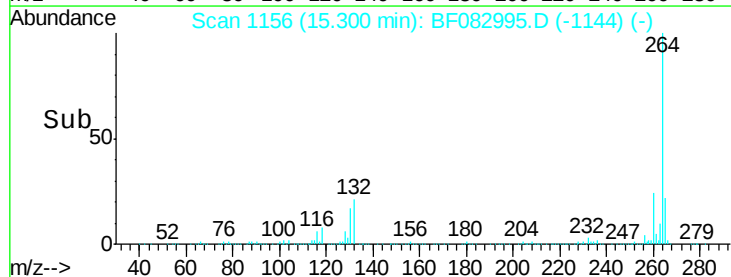
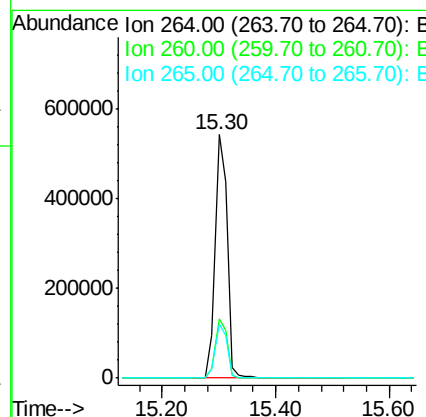
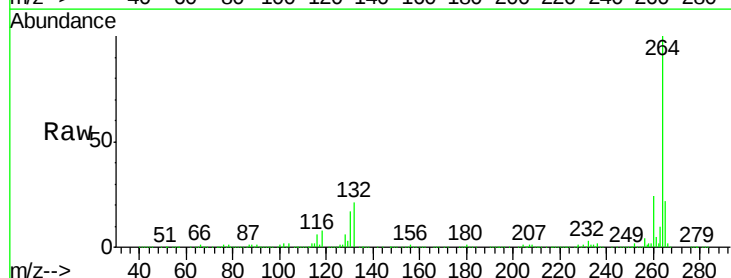
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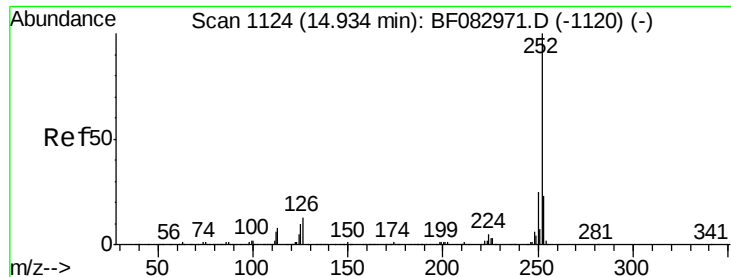
mohammad
11/19/2015 8:25:47 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion: 264 Resp: 769855
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.87 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.14 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

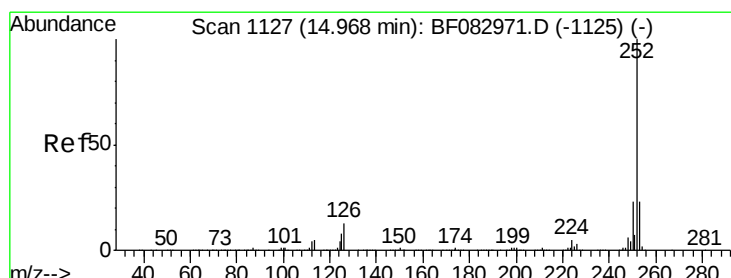
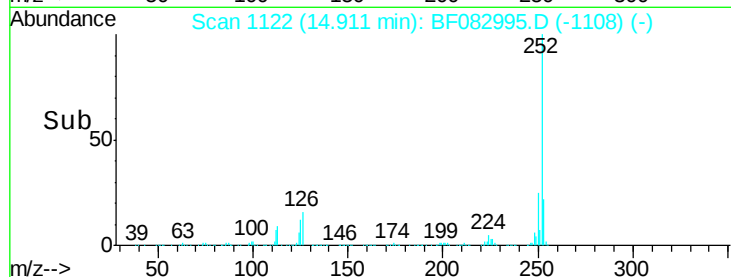
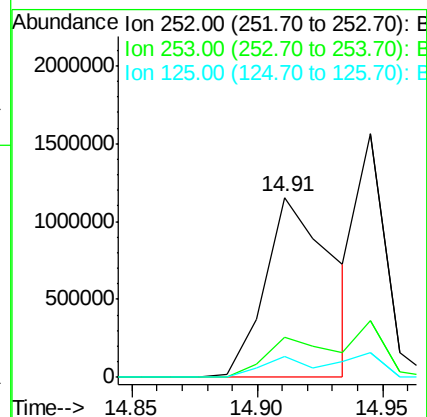
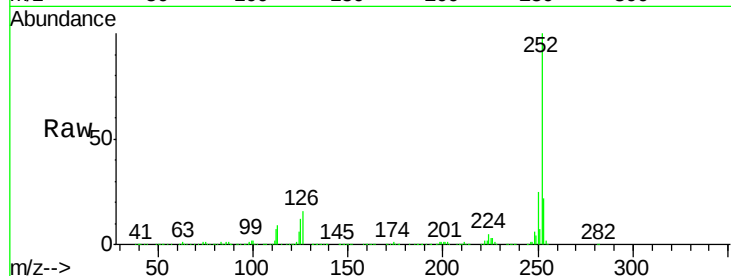
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.9	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 28.14 ng m

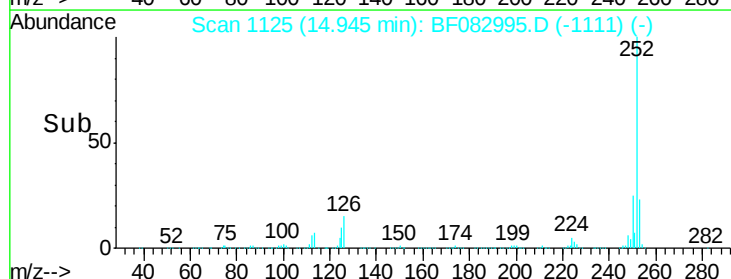
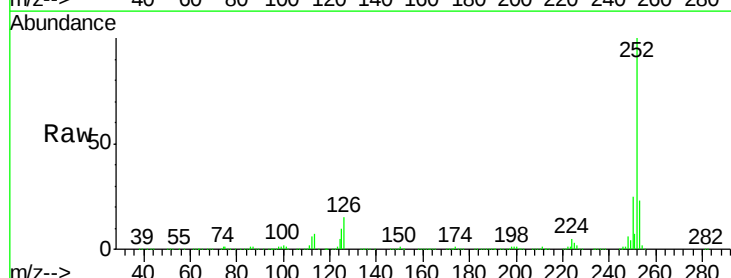
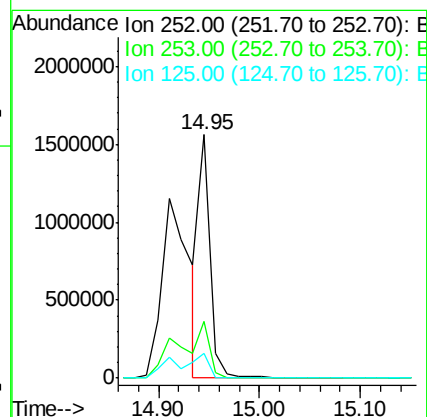
RT: 14.95 min Scan# 1125

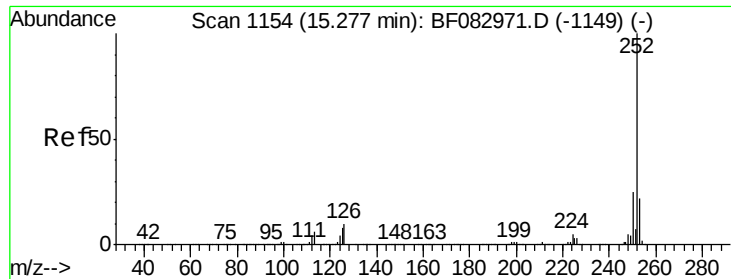
Delta R.T. -0.14 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.4	3.5	5.3#





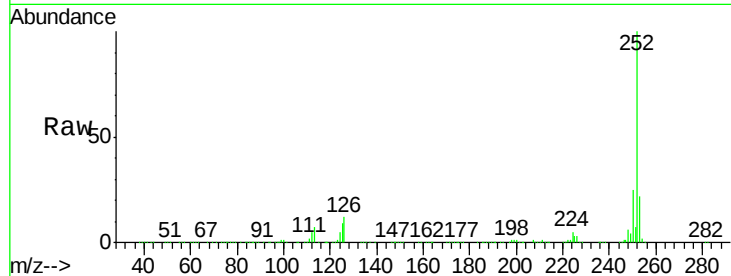
#89
Benzo(a)pyrene
Concen: 37.48 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.15 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

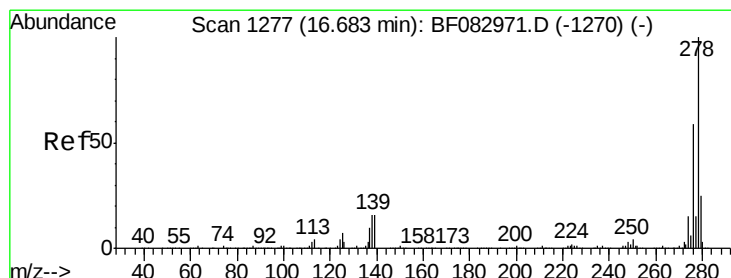
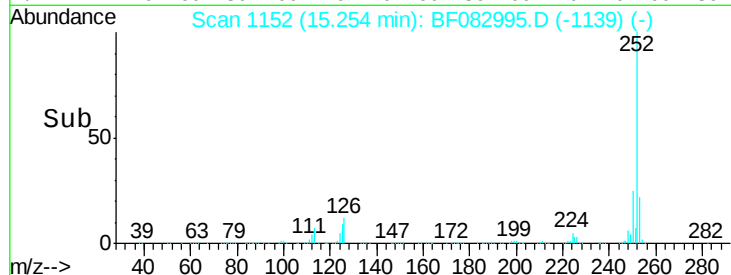
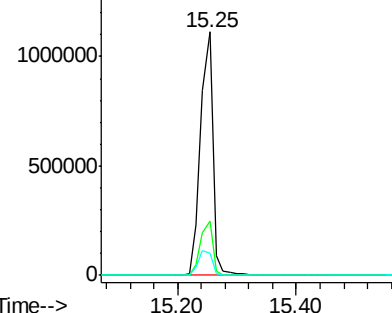
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.2	7.1	10.7

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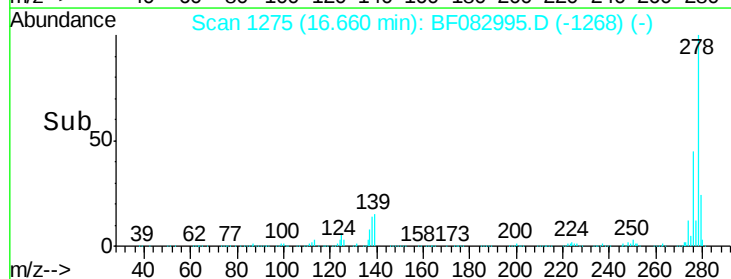
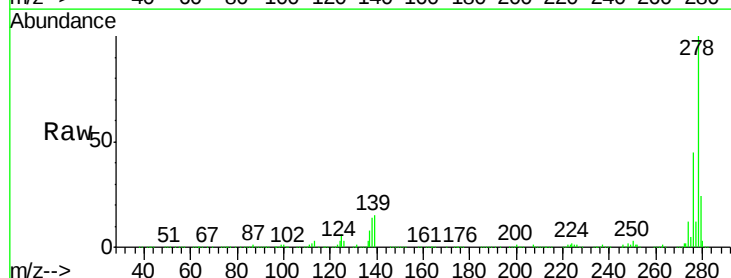
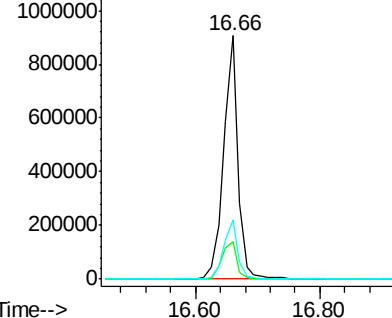
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

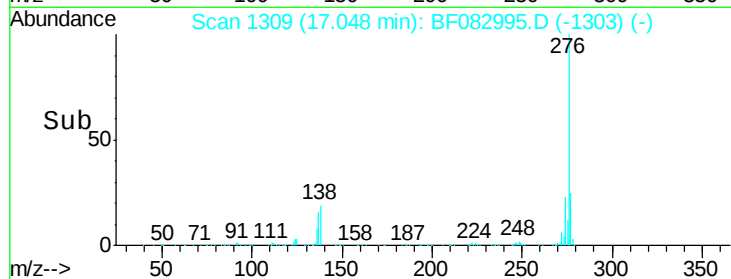
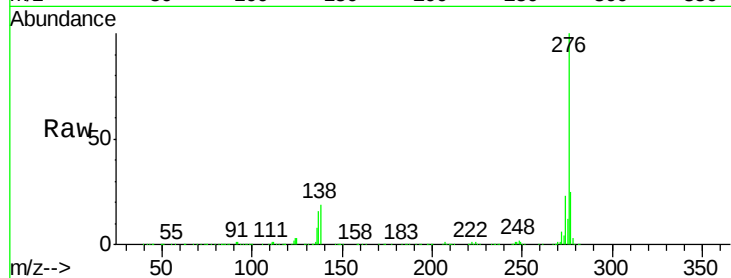
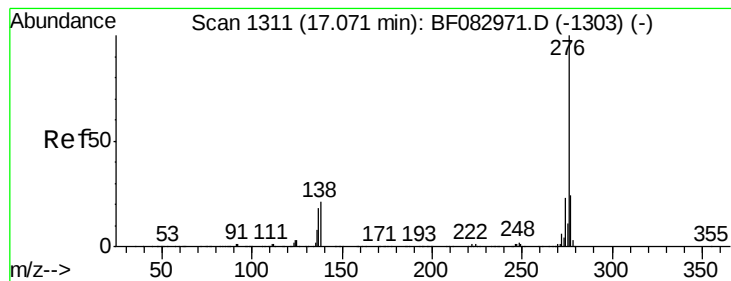


#90
Dibenzo(a,h)anthracene
Concen: 40.58 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.22 min
Lab File: BF082995.D
Acq: 18 Nov 2015 5:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.9	14.9#
279	24.3	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: 43.66 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.23 min

Lab File: BF082995.D

Acq: 18 Nov 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1516026

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 19.2 13.1 19.7

Manual Integrations

APPROVED

mohammad

11/19/2015 8:25:47 AM

