

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088882.D
 Acq On : 9 Jul 2016 20:32
 Operator : UM/SJ
 Sample : H3813-15MSD 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

sohil
 7/11/2016 8:07:35 PM

Quant Time: Jul 11 15:47:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74213	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	284461	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	129528	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	250898	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	134784	20.00	ng	-0.02
86) Perylene-d12	15.23	264	131890	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	13932	2.81	ng	-0.02
7) Phenol-d6	6.34	99	18293	2.86	ng	-0.03
23) Nitrobenzene-d5	7.28	82	11840	2.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	4451	3.70	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	22517	2.75	ng	-0.01
78) Terphenyl-d14	12.81	244	17013	2.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	1549	0.63	ng	# 71
3) Pyridine	2.96	79	1709	0.24	ng	# 71
4) n-Nitrosodimethylamine	2.84	42	518	0.19	ng	# 94
6) Aniline	6.38	93	516	0.06	ng	# 78
8) 2-Chlorophenol	6.50	128	2830	0.53	ng	85
9) Benzaldehyde	6.26	77	1689	0.39	ng	95
10) Phenol	6.36	94	3427	0.47	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	2531	0.46	ng	96
12) 1,3-Dichlorobenzene	6.66	146	2812m	0.48	ng	
13) 1,4-Dichlorobenzene	6.73	146	3028m	0.52	ng	
14) 1,2-Dichlorobenzene	6.89	146	3026	0.56	ng	94
15) Benzyl Alcohol	6.86	79	2406	0.51	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.00	45	3260	0.41	ng	91
17) 2-Methylphenol	6.98	107	2142	0.49	ng	90
18) Hexachloroethane	7.23	117	1049	0.47	ng	# 85
19) n-Nitroso-di-n-propylamine	7.13	70	2161	0.50	ng	# 88
20) 3+4-Methylphenols	7.13	107	2769	0.53	ng	# 72
22) Acetophenone	7.13	105	3960	0.57	ng	# 89
24) Nitrobenzene	7.30	77	2734	0.50	ng	# 93
25) Isophorone	7.54	82	5250	0.52	ng	# 98
26) 2-Nitrophenol	7.62	139	941	0.42	ng	# 85
27) 2,4-Dimethylphenol	7.67	122	2033	0.43	ng	92
28) bis(2-Chloroethoxy)methane	7.76	93	3877	0.59	ng	# 94
29) 2,4-Dichlorophenol	7.86	162	1837	0.49	ng	86
30) 1,2,4-Trichlorobenzene	7.95	180	2354	0.57	ng	94
31) Naphthalene	8.02	128	8587	0.61	ng	98
33) 4-Chloroaniline	8.08	127	607	0.10	ng	# 46
34) Hexachlorobutadiene	8.15	225	1238	0.56	ng	87
35) Caprolactam	8.39	113	623	0.49	ng	# 52
36) 4-Chloro-3-methylphenol	8.56	107	2595	0.58	ng	94
37) 2-Methylnaphthalene	8.72	142	5795	0.64	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2201	0.51	ng	# 1
42) 2,4,6-Trichlorophenol	8.99	196	1457	0.51	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	1243	0.51	ng	# 81

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088882.D
 Acq On : 9 Jul 2016 20:32
 Operator : UM/SJ
 Sample : H3813-15MSD 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

Quant Time: Jul 11 15:47:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

sohil
 7/11/2016 8:07:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.18	154	6508	0.61	nq	99
46) 2-Chloronaphthalene	9.20	162	5635	0.67	nq	98
47) 2-Nitroaniline	9.29	65	1642	0.55	nq #	70
48) Acenaphthylene	9.61	152	8253	0.62	nq	97
49) Dimethylphthalate	9.47	163	7560	0.82	nq	99
50) 2,6-Dinitrotoluene	9.54	165	1136	0.56	nq #	37
51) Acenaphthene	9.78	154	5339	0.65	nq	96
52) 3-Nitroaniline	9.70	138	675	0.26	nq #	93
54) Dibenzofuran	9.95	168	7754	0.72	nq #	88
55) 4-Nitrophenol	9.87	139	1929	0.98	nq #	81
56) 2,4-Dinitrotoluene	9.94	165	1378	0.52	nq #	90
57) Fluorene	10.30	166	6206	0.75	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.08	232	766	0.41	nq #	9
59) Diethylphthalate	10.17	149	6210	0.67	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	2821	0.73	nq	91
61) 4-Nitroaniline	10.31	138	920	0.37	nq #	75
62) Azobenzene	10.44	77	6686	0.63	nq	90
65) n-Nitrosodiphenylamine	10.41	169	5152	0.61	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	1430	0.57	nq #	55
67) Hexachlorobenzene	10.84	284	1670	0.60	nq #	86
68) Atrazine	10.94	200	1377	0.52	nq	92
69) Pentachlorophenol	11.04	266	1333	0.80	nq	97
70) Phenanthrene	11.26	178	7929	0.58	nq	96
71) Anthracene	11.30	178	8641	0.63	nq	97
72) Carbazole	11.46	167	7096	0.55	nq	98
73) Di-n-butylphthalate	11.80	149	10751	0.72	nq	99
74) Fluoranthene	12.43	202	7194	0.52	nq	95
77) Pvrene	12.66	202	6990	0.61	nq	94
79) Butylbenzylphthalate	13.29	149	2960	0.58	nq #	67
80) Benzo(a)anthracene	13.84	228	5251	0.61	nq #	90
81) 3,3'-Dichlorobenzidine	13.82	252	254	0.08	nq #	1
82) Chrysene	13.87	228	4431	0.52	nq #	89
83) Bis(2-ethylhexyl)phthalate	13.86	149	6111	1.05	nq #	87
84) Di-n-octyl phthalate	14.47	149	6613	0.67	nq #	100
85) Indeno(1,2,3-cd)pvrene	16.54	276	6301	0.95	nq #	100
87) Benzo(b)fluoranthene	14.85	252	4838m	0.58	nq	
88) Benzo(k)fluoranthene	14.88	252	5789m	0.80	nq	
89) Benzo(a)pyrene	15.18	252	4922	0.70	nq #	1
90) Dibenzo(a,h)anthracene	16.55	278	6630	1.13	nq #	1
91) Benzo(g,h,i)perylene	16.91	276	7050	1.16	nq #	37

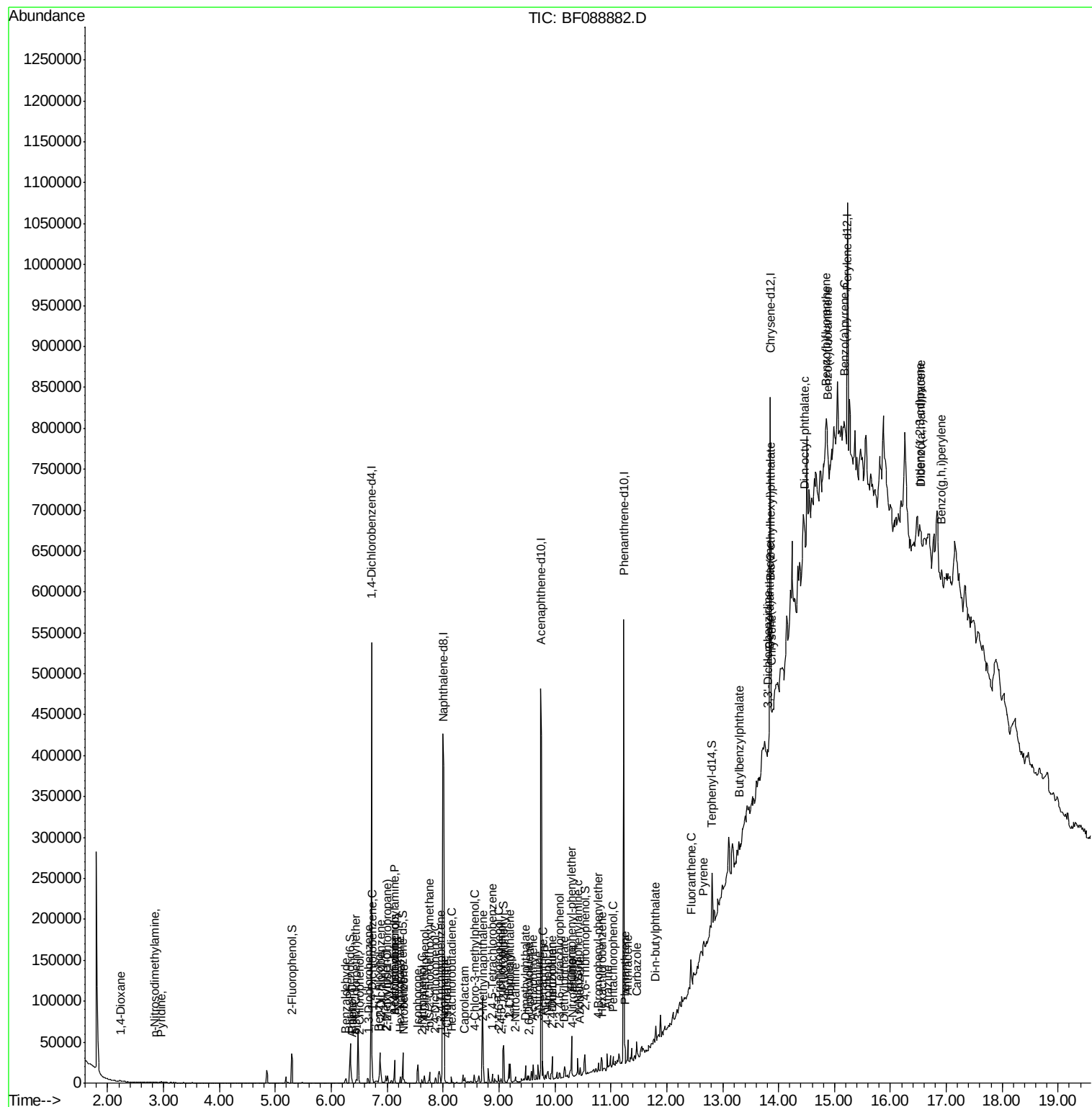
(#) = qualifier out of range (m) = manual integration (+) = signals summed

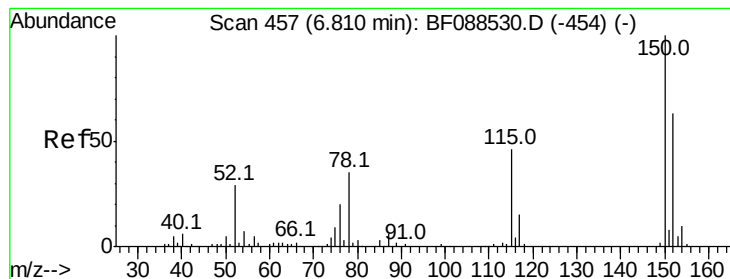
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088882.D
 Acq On : 9 Jul 2016 20:32
 Operator : UM/SJ
 Sample : H3813-15MSD 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

Quant Time: Jul 11 15:47:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

sohil
 7/11/2016 8:07:35 PM





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:152 Resp: 74213

Ion Ratio Lower Upper

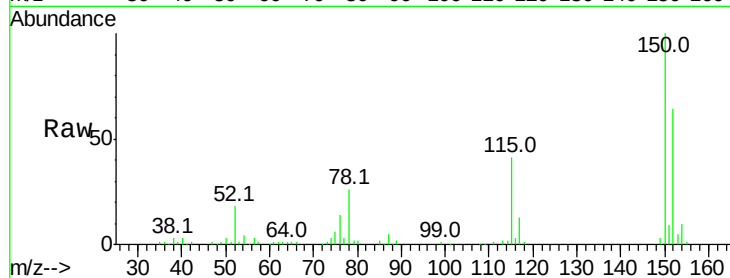
152 100

150 156.7 123.8 185.6

115 64.6 39.6 59.4#

sohil

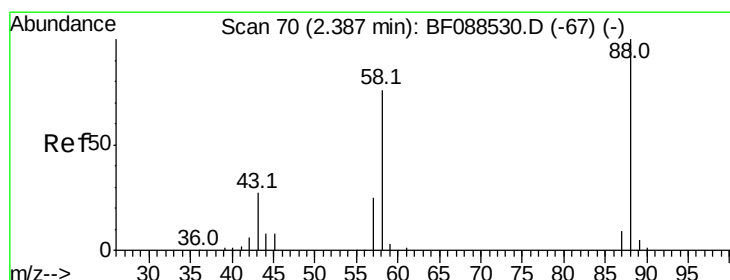
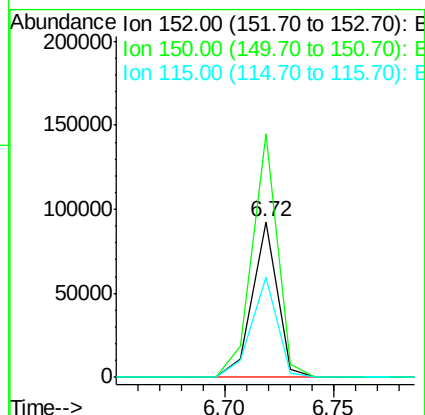
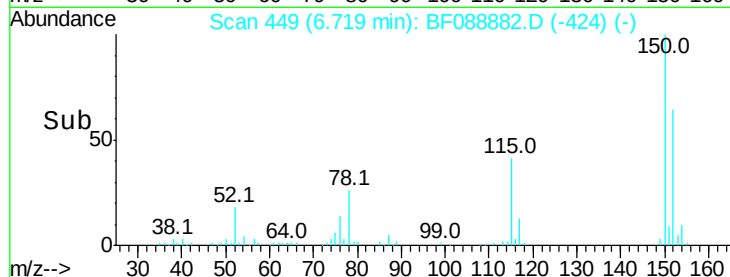
7/11/2016 8:07:35 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.63 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

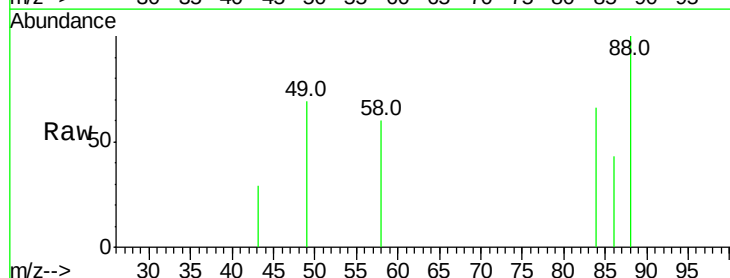
Tgt Ion: 88 Resp: 1549

Ion Ratio Lower Upper

88 100

58 52.7 0.0 0.0#

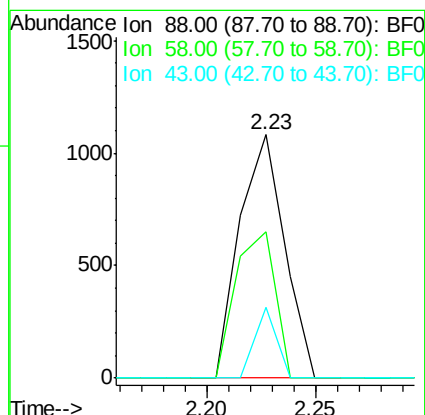
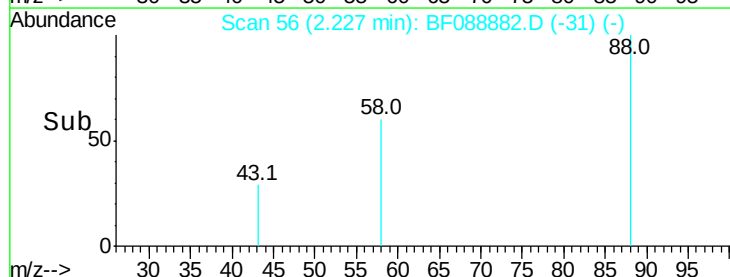
43 13.9 3.4 5.2#

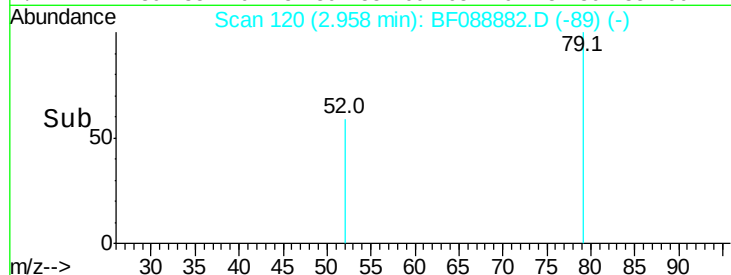
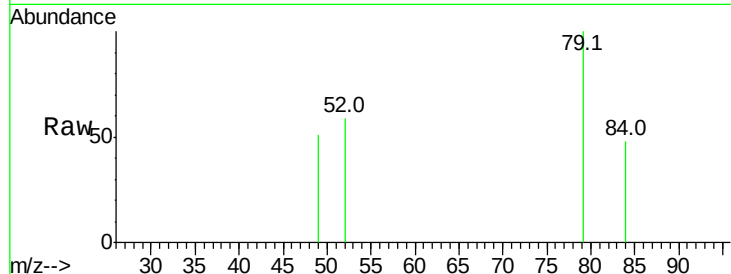
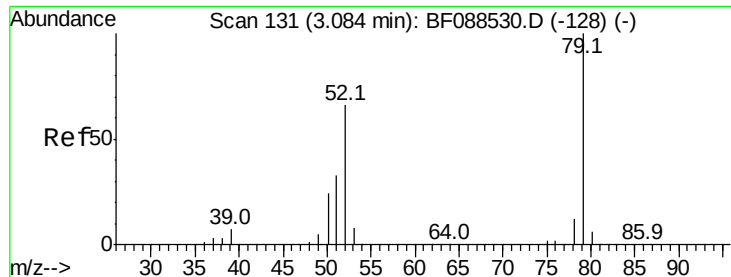


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



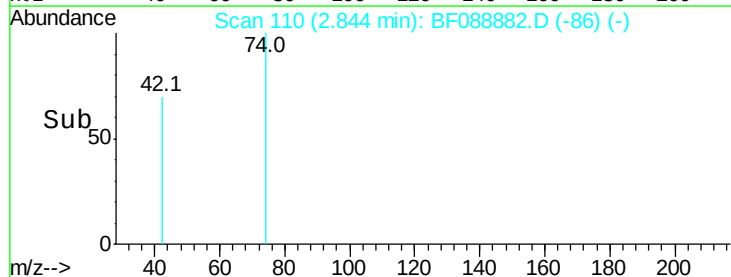
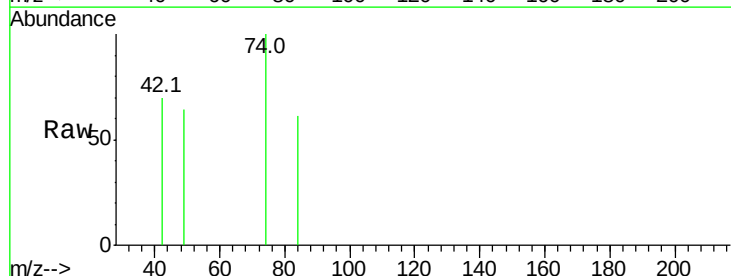
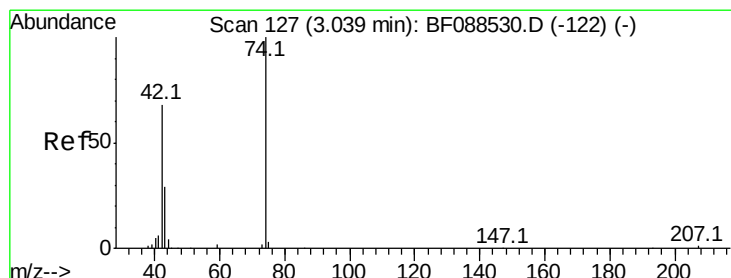
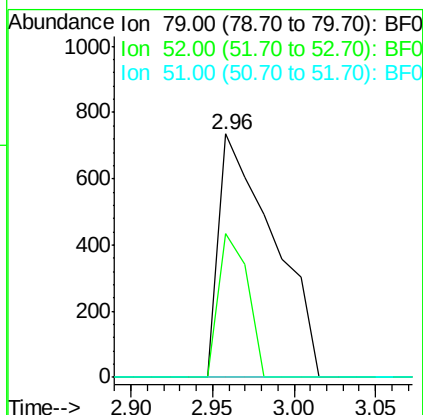


#3
Pvridine
Concen: 0.24 ng
RT: 2.96 min Scan# 120
Delta R.T. 0.06 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.0	56.3	84.5
51	0.0	27.4	41.2#

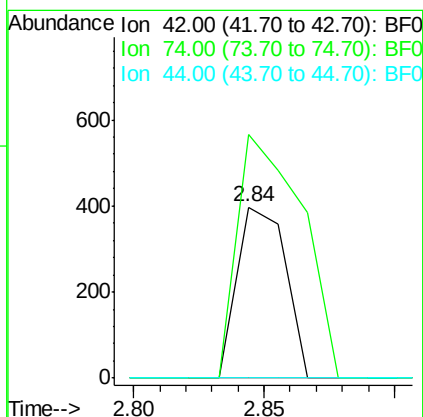
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

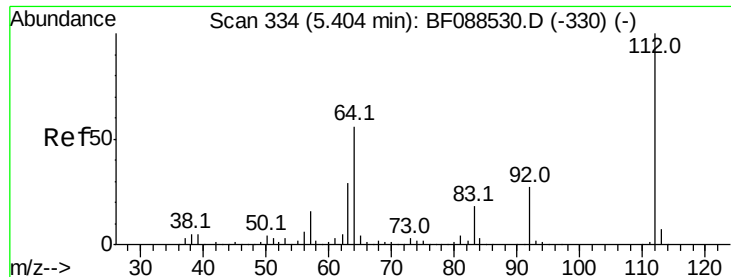
sohil
7/11/2016 8:07:35 PM



#4
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 2.84 min Scan# 110
Delta R.T. -0.02 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.2	108.6	163.0
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 2.81 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

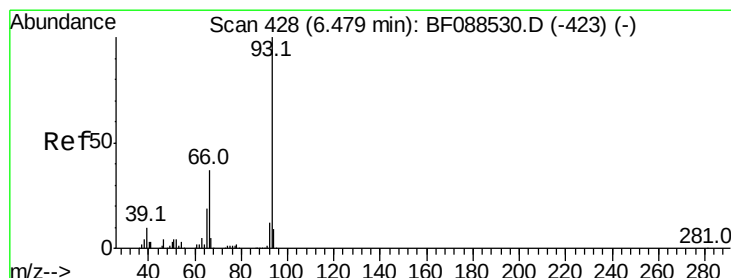
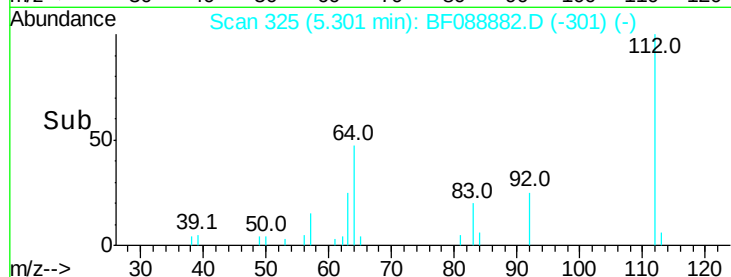
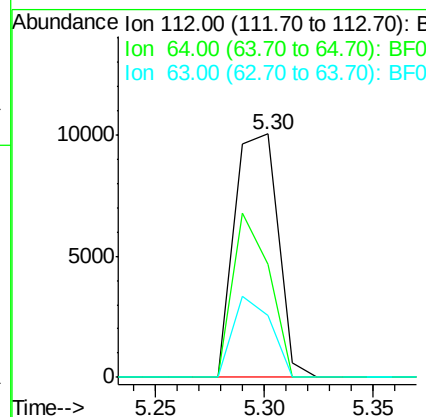
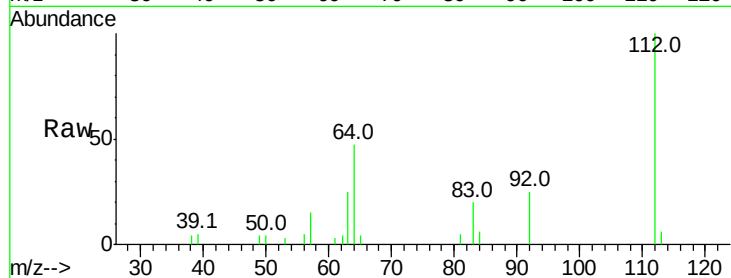
BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:	112	Resp:	13932
Ion Ratio	Lower	Upper	
112	100		
64	46.5	42.2	63.2
63	25.4	21.8	32.8

sohil
7/11/2016 8:07:35 PM



#6

Aniline

Concen: 0.06 ng

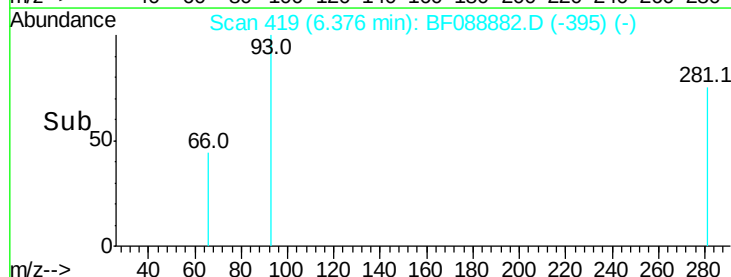
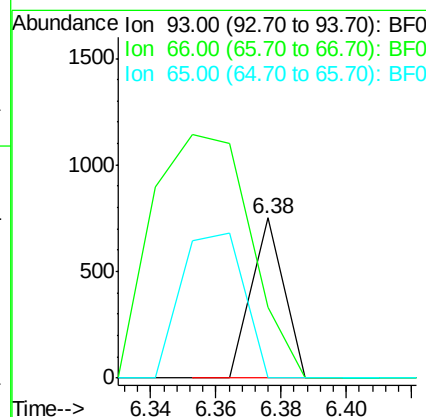
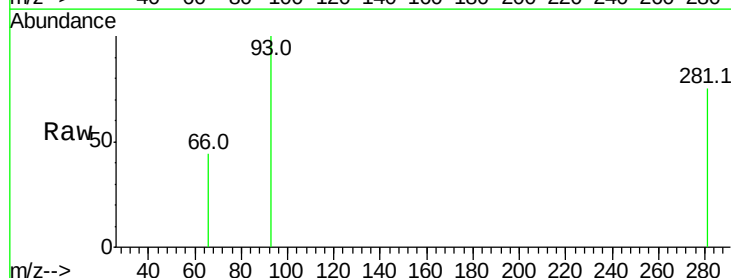
RT: 6.38 min Scan# 419

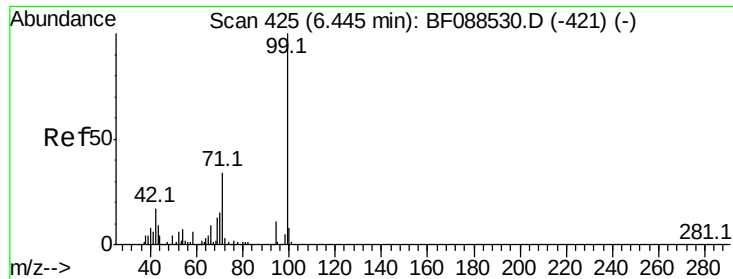
Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Tgt Ion:	93	Resp:	516
Ion Ratio	Lower	Upper	
93	100		
66	44.4	29.8	44.8
65	0.0	14.9	22.3#





#7

Phenol-d6

Concen: 2.86 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion: 99 Resp: 18293

Ion Ratio Lower Upper

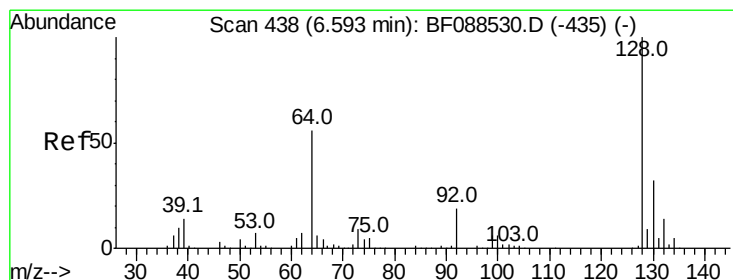
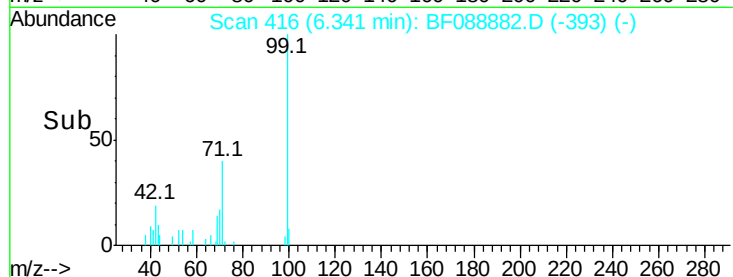
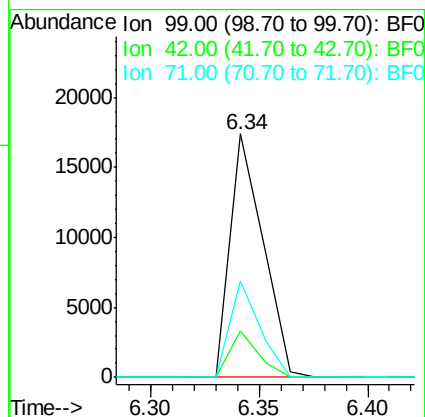
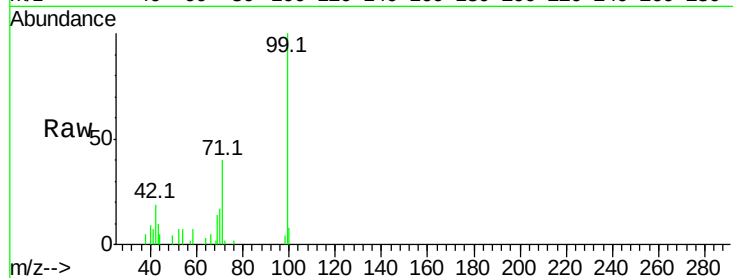
99 100

42 18.9 12.2 18.2#

71 39.6 23.4 35.0#

sohil

7/11/2016 8:07:35 PM



#8

2-Chlorophenol

Concen: 0.53 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

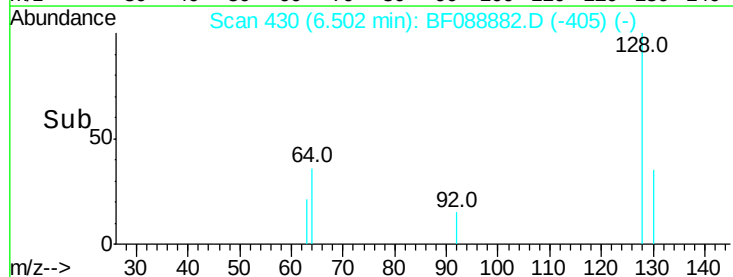
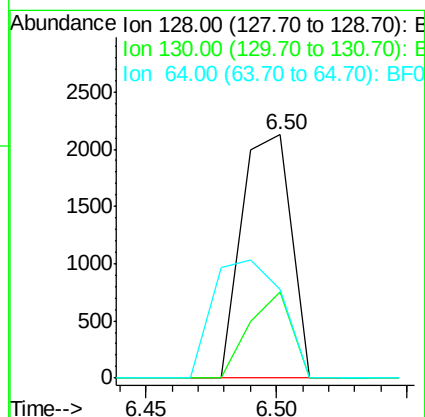
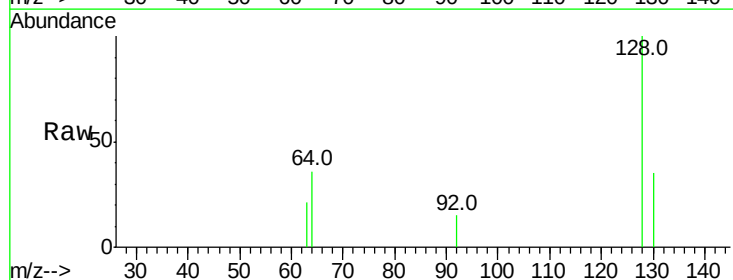
Tgt Ion: 128 Resp: 2830

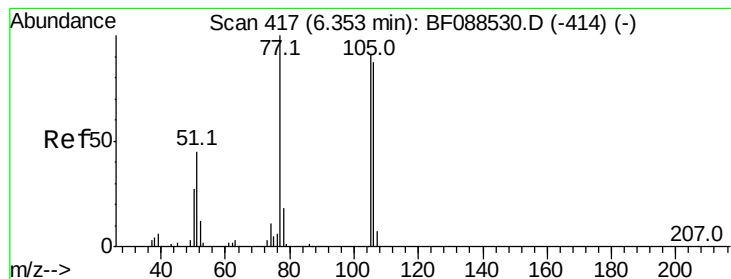
Ion Ratio Lower Upper

128 100

130 35.3 12.0 52.0

64 36.2 30.8 70.8





#9

Benzaldehyde

Concen: 0.39 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion: 77 Resp: 1689

Ion Ratio Lower Upper

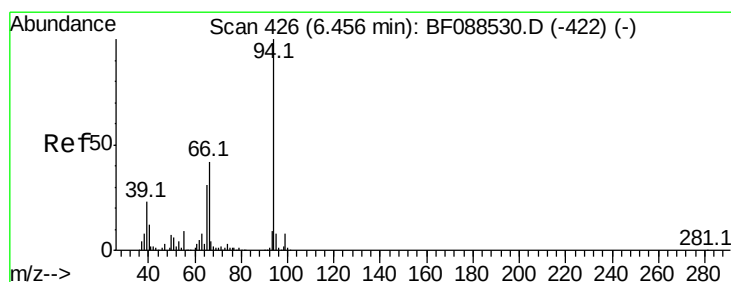
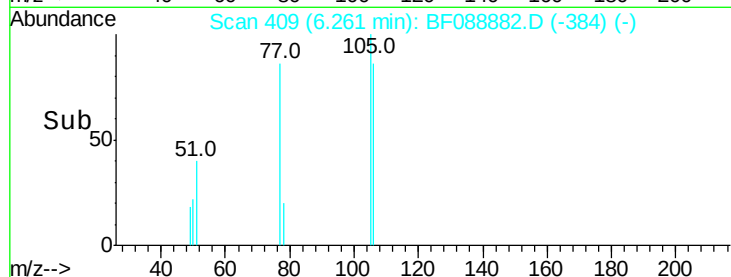
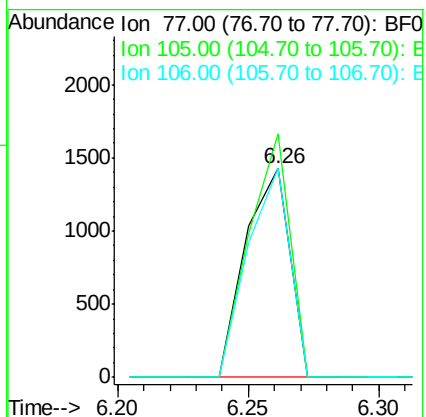
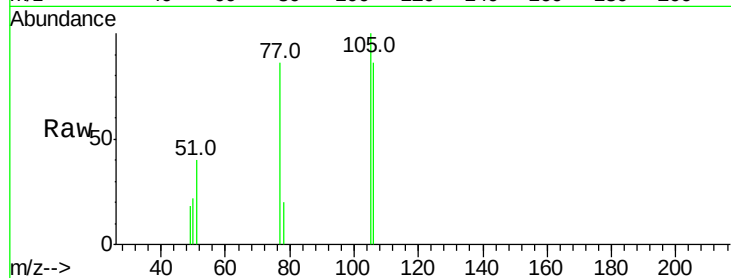
77 100

105 116.8 90.6 130.6

106 100.3 85.3 125.3

sohil

7/11/2016 8:07:35 PM



#10

Phenol

Concen: 0.47 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

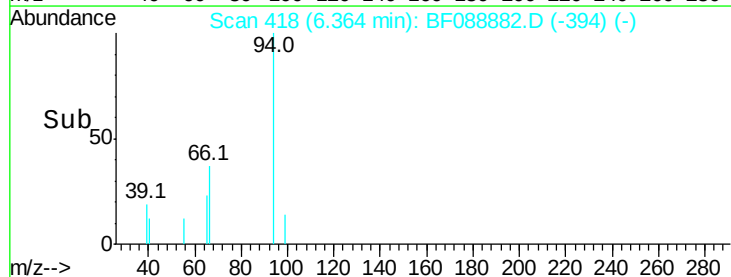
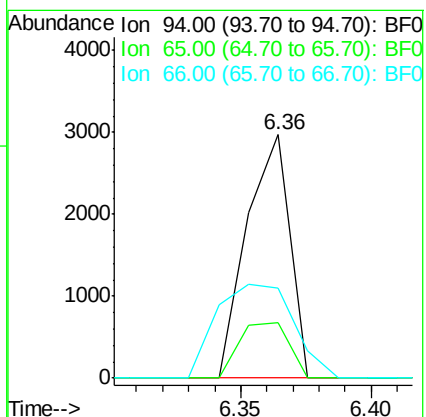
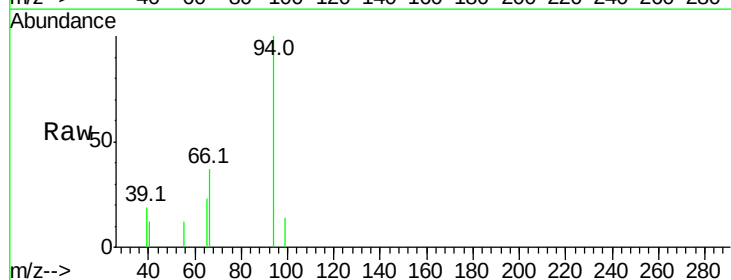
Tgt Ion: 94 Resp: 3427

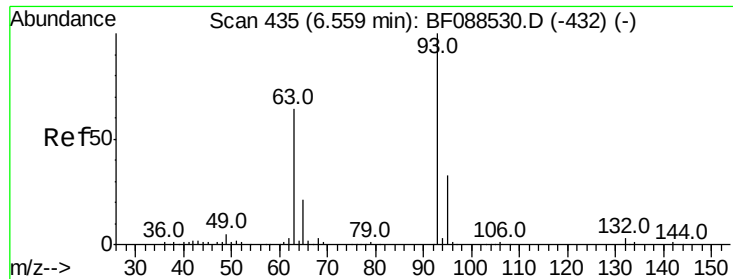
Ion Ratio Lower Upper

94 100

65 22.9 5.9 45.9

66 37.1 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 0.46 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion: 93 Resp: 2531

Ion Ratio Lower Upper

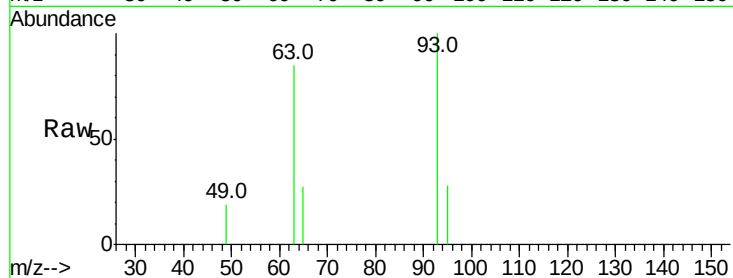
93 100

63 85.0 67.6 107.6

95 27.8 12.5 52.5

sohil

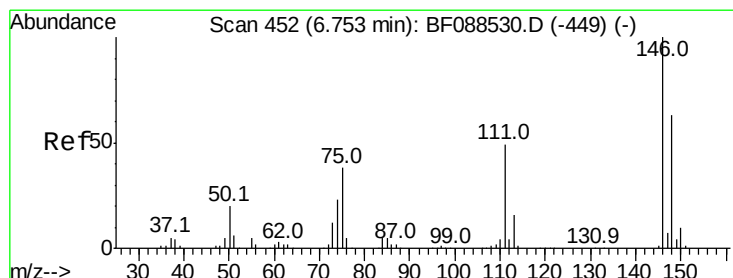
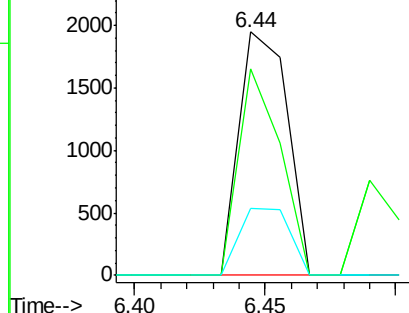
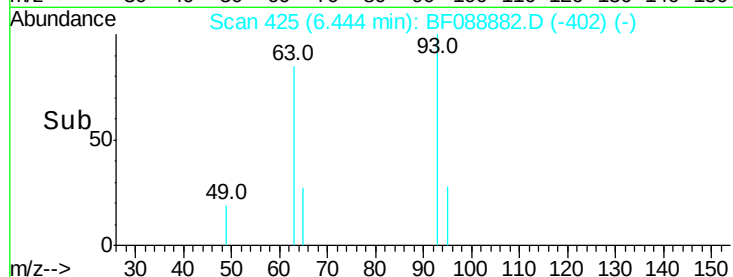
7/11/2016 8:07:35 PM



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 0.48 ng m

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

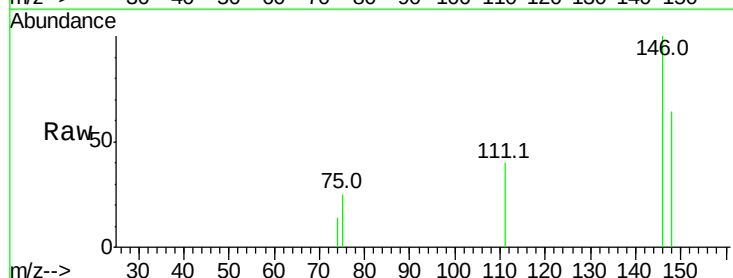
Tgt Ion: 146 Resp: 2812

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

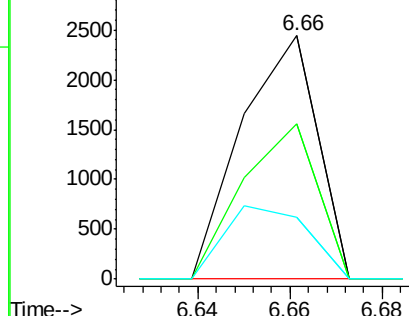
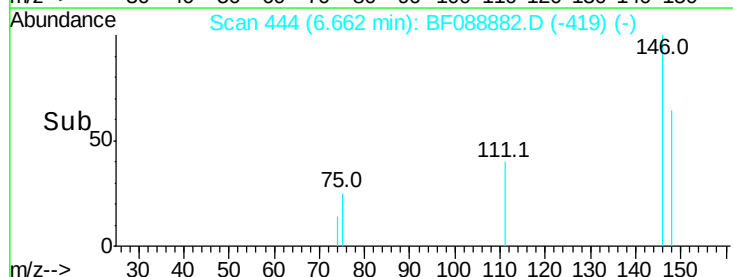
75 25.3 25.6 38.4#

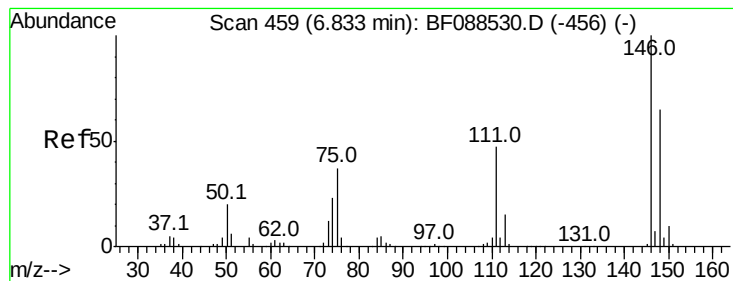


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 0.52 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:146 Resp: 3028

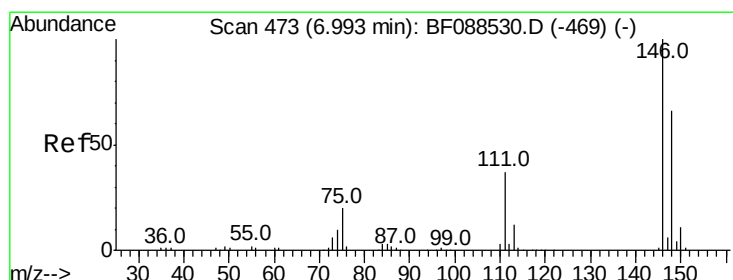
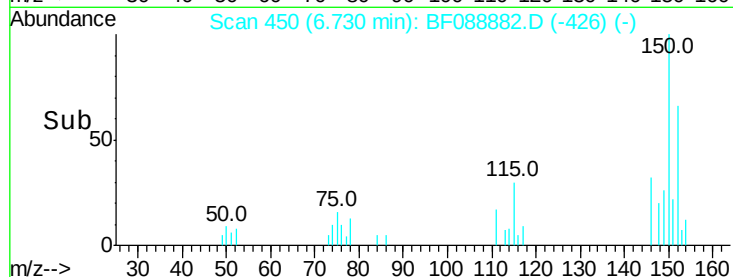
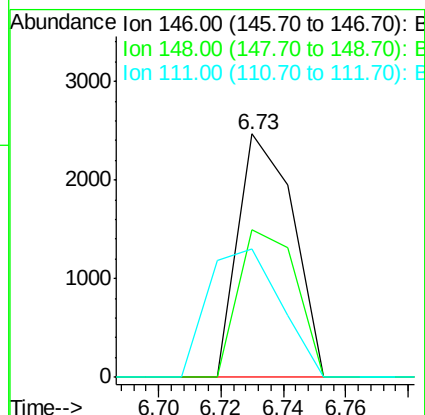
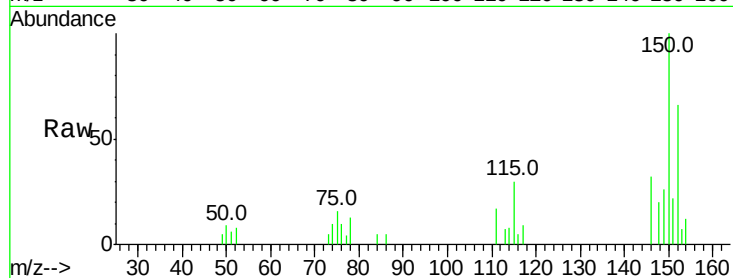
Ion Ratio Lower Upper

146 100

148 60.4 52.0 78.0

111 52.9 33.8 50.8#

sohil
7/11/2016 8:07:35 PM



#14

1,2-Dichlorobenzene

Concen: 0.56 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

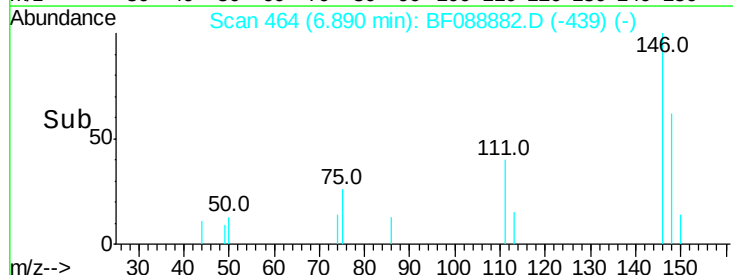
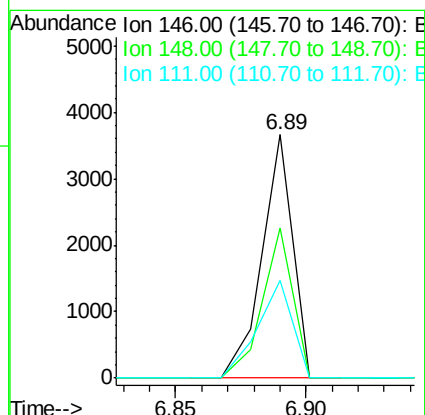
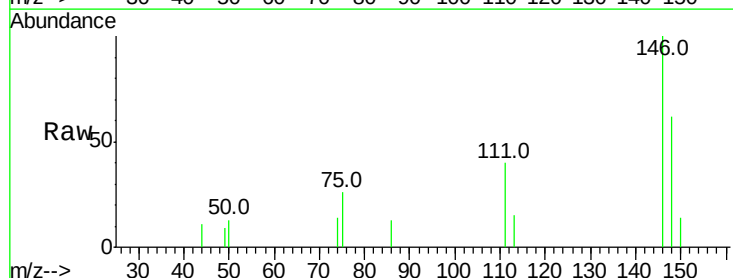
Tgt Ion:146 Resp: 3026

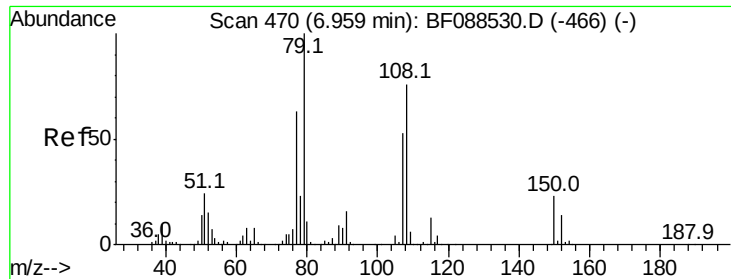
Ion Ratio Lower Upper

146 100

148 61.7 52.3 78.5

111 40.2 28.7 43.1





#15

Benzyl Alcohol

Concen: 0.51 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion: 79 Resp: 2406

Ion Ratio Lower Upper

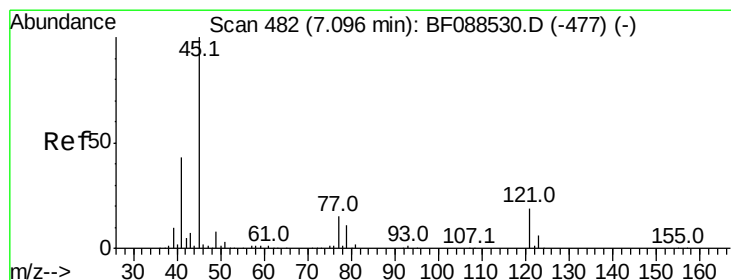
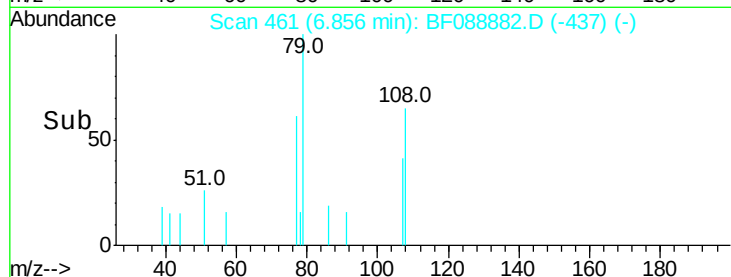
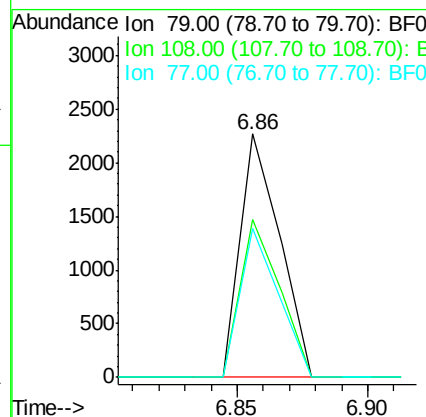
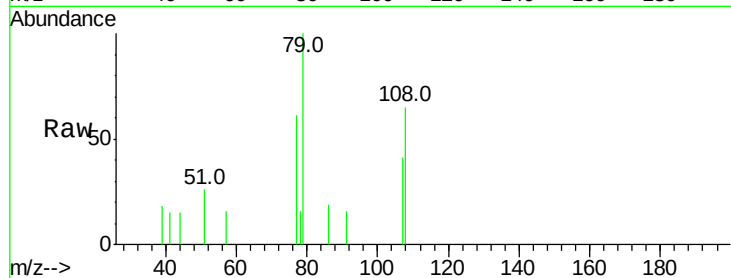
79 100

108 64.8 65.0 97.6#

77 61.0 50.3 75.5

sohil

7/11/2016 8:07:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.41 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

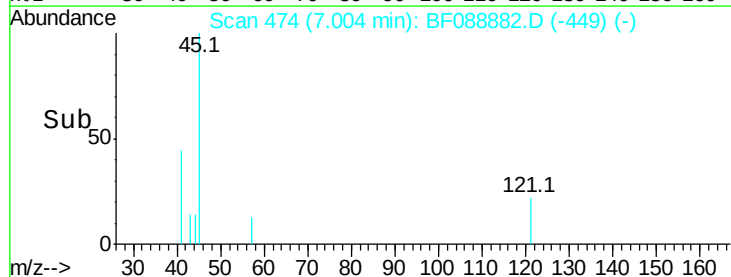
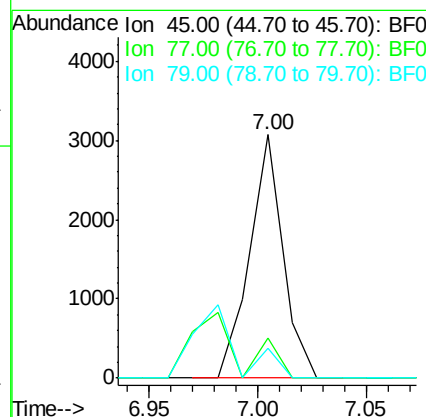
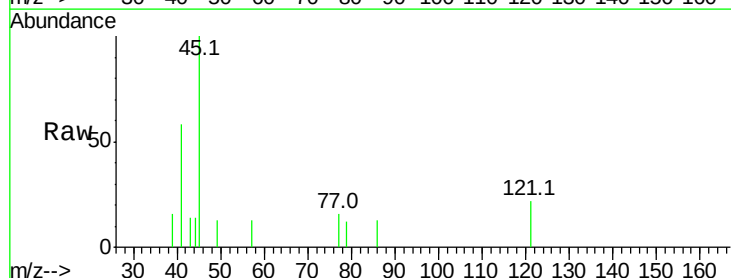
Tgt Ion: 45 Resp: 3260

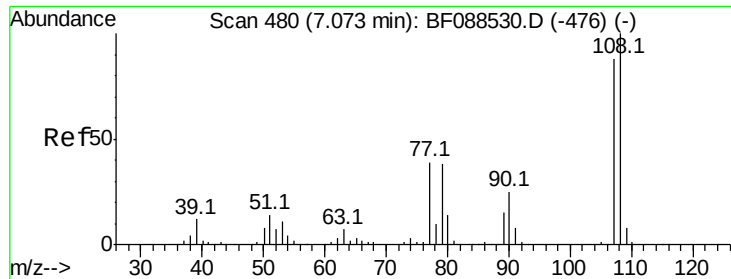
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.5

79 12.5 0.0 29.5





#17

2-Methylphenol

Concen: 0.49 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:107 Resp: 2142

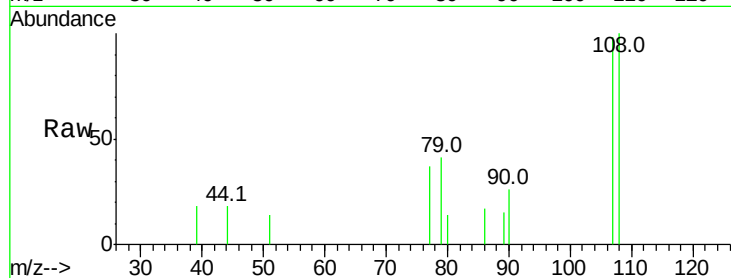
Ion Ratio Lower Upper

107 100

108 101.8 90.9 136.3

77 37.7 36.6 55.0

79 42.2 36.5 54.7

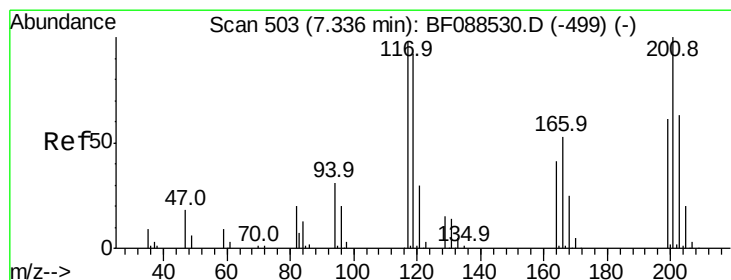
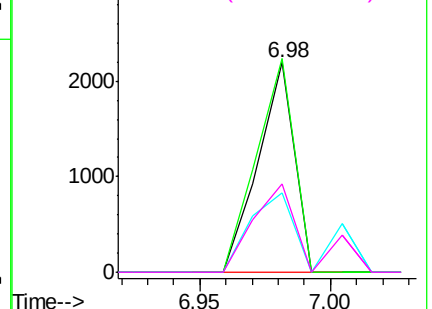
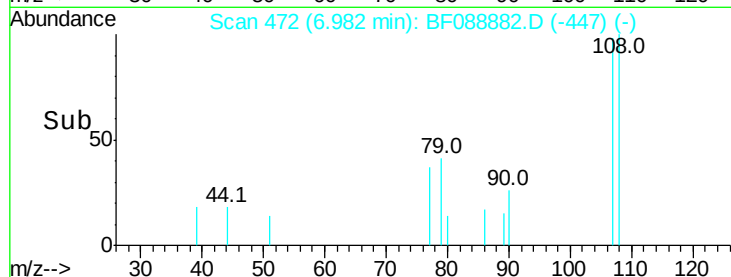


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 0.47 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

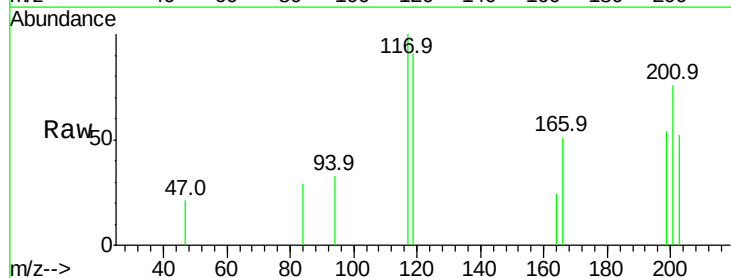
Tgt Ion:117 Resp: 1049

Ion Ratio Lower Upper

117 100

119 91.1 77.4 116.2

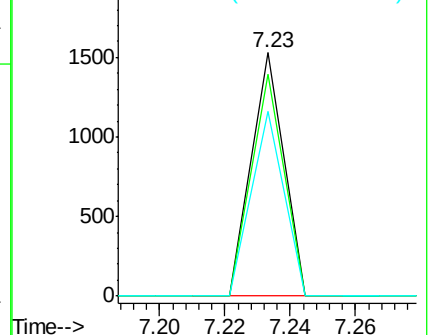
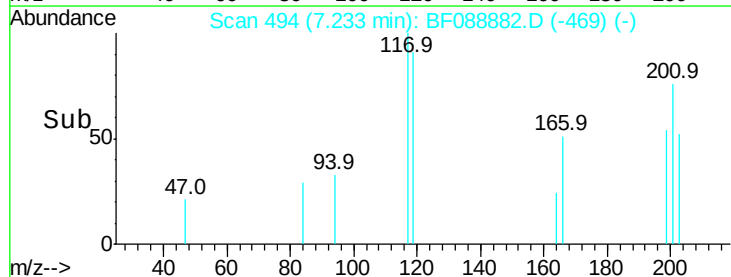
201 75.8 80.4 120.6#

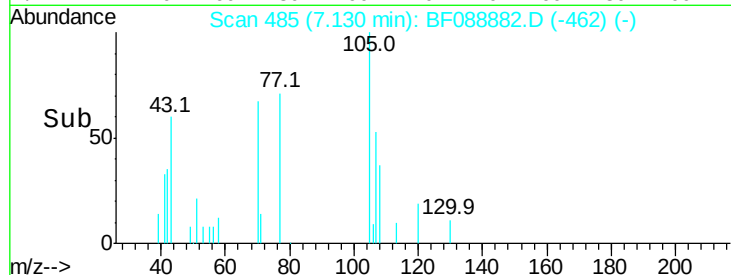
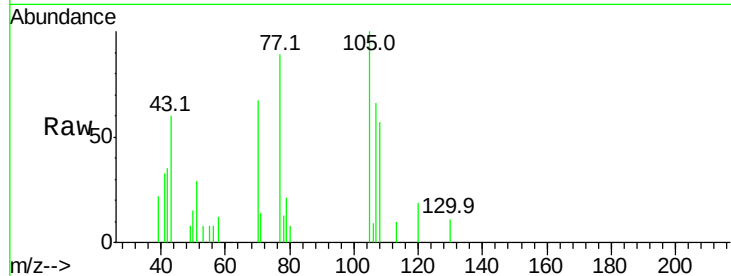
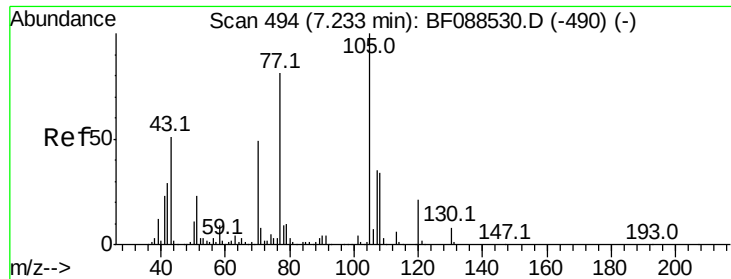


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



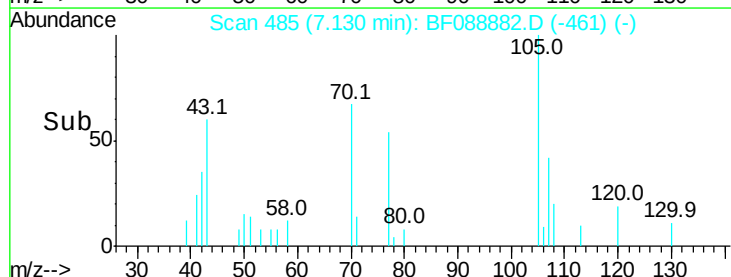
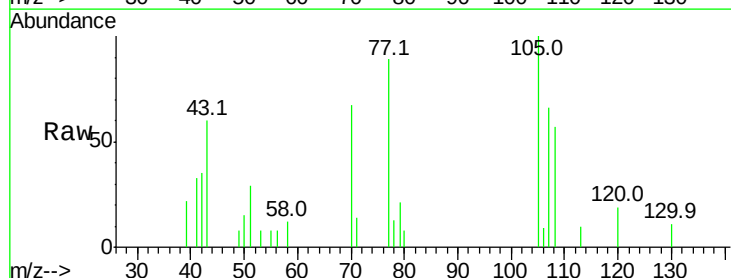
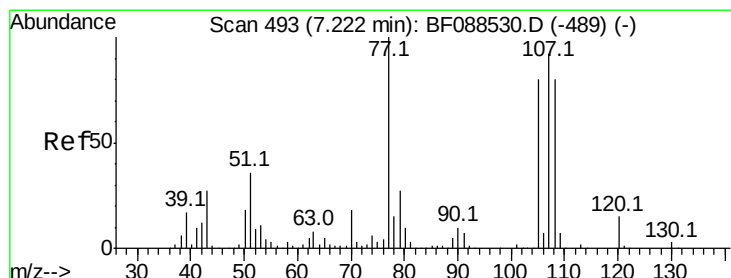
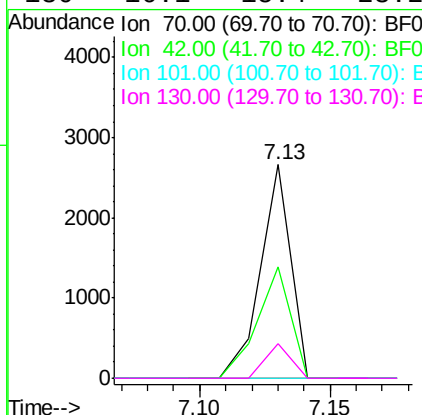


#19
n-Nitroso-di-n-propylamine
Concen: 0.50 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

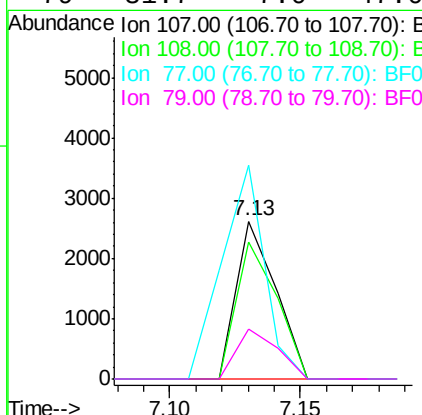
Tot Ion	70	Resp	2161
Ion Ratio	Lower	Upper	
70	100		
42	52.4	49.6	74.4
101	0.0	7.1	10.7#
130	16.1	15.4	23.2

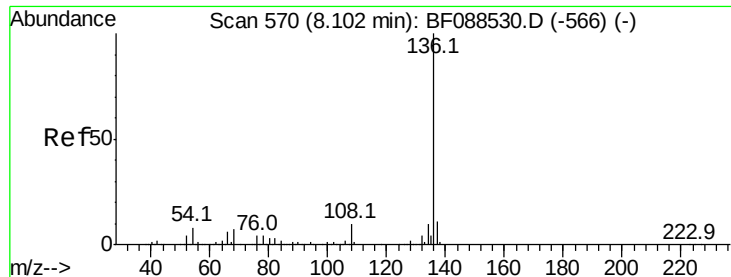
sohil
7/11/2016 8:07:35 PM



#20
3+4-Methylphenols
Concen: 0.53 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	107	Resp	2769
Ion Ratio	Lower	Upper	
107	100		
108	87.1	67.8	107.8
77	135.3	59.3	99.3#
79	31.7	7.0	47.0



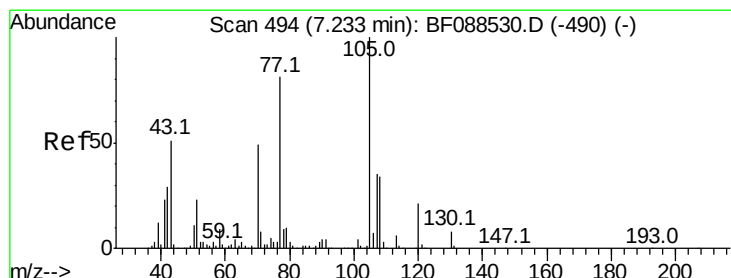
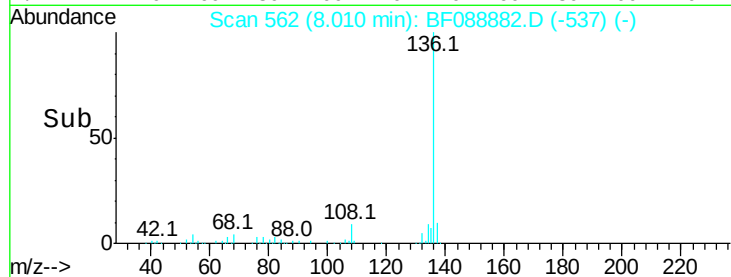
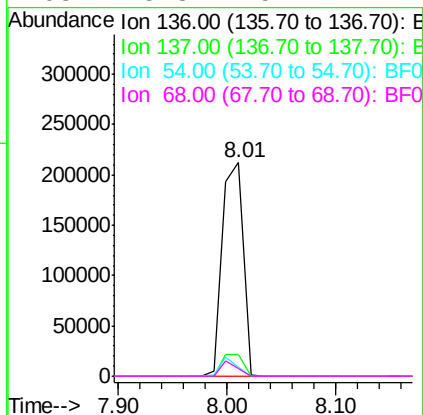
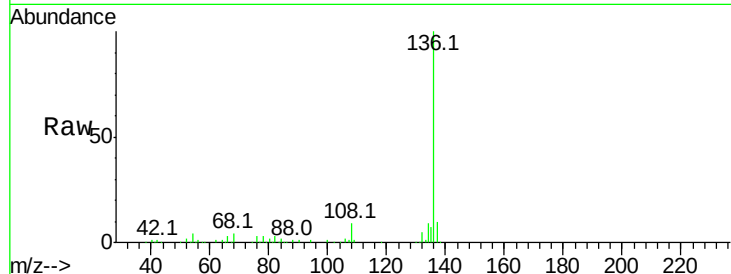


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

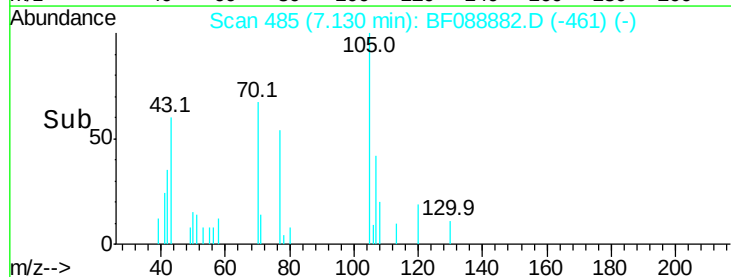
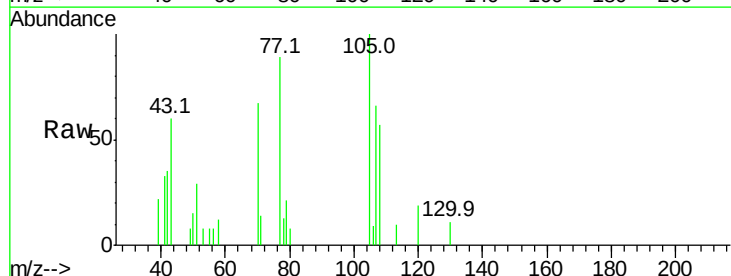
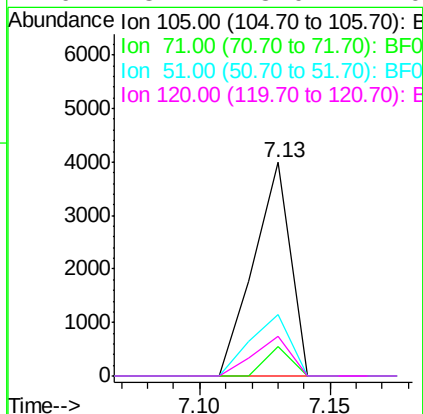
Tot Ion:136	Resp: 284461
Ion Ratio	Lower Upper
136 100	
137 10.1	9.1 13.7
54 4.3	6.6 10.0#
68 3.8	5.1 7.7#

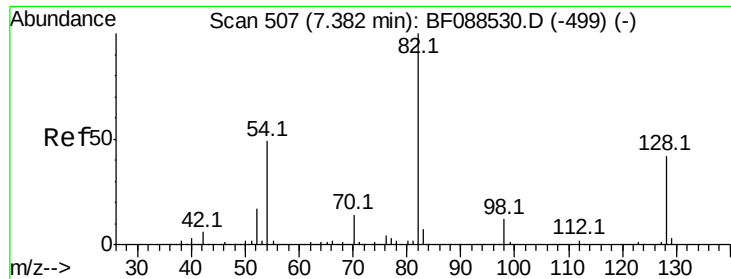
sohil
7/11/2016 8:07:35 PM



#22
Acetophenone
Concen: 0.57 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion:105	Resp: 3960
Ion Ratio	Lower Upper
105 100	
71 13.9	5.3 7.9#
51 28.5	18.2 27.4#
120 18.7	18.0 27.0



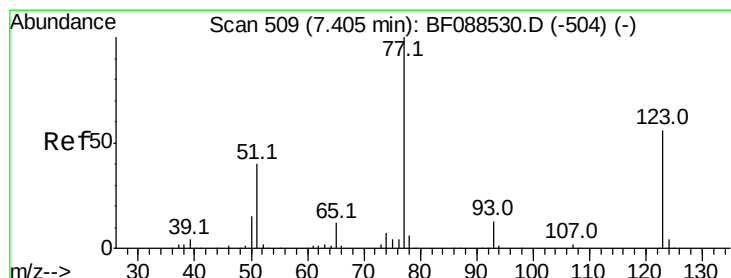
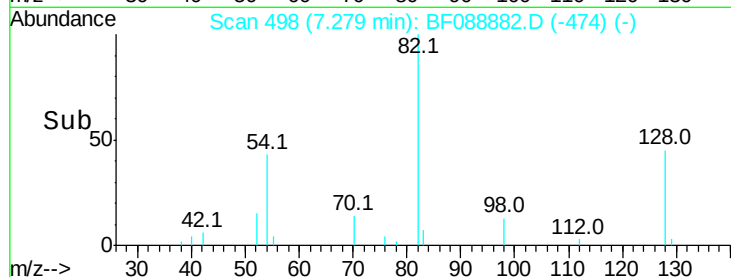
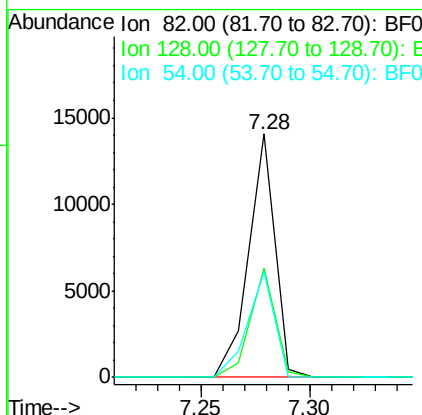
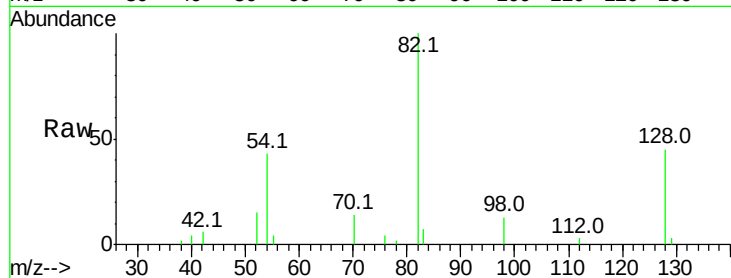


#23
 Nitrobenzene-d5
 Concen: 2.18 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

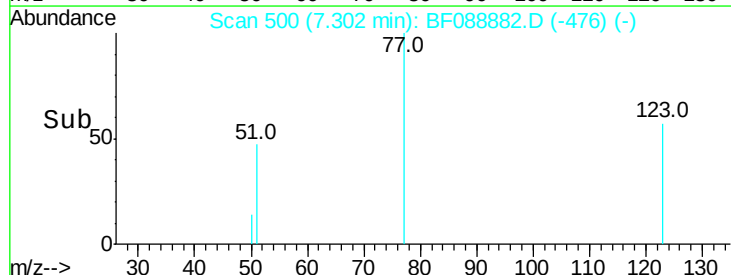
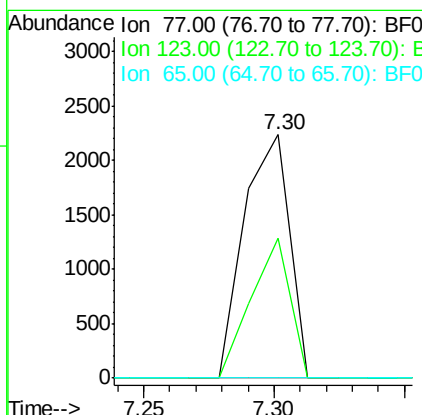
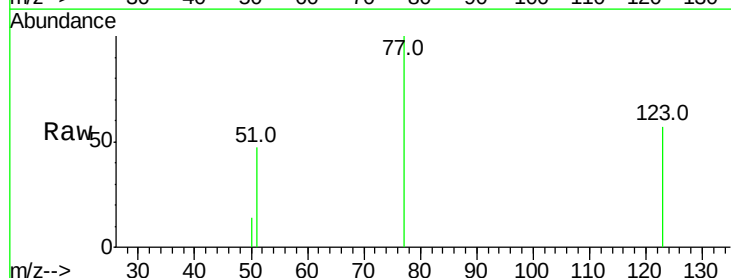
Tot Ion: 82 Resp: 11840
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.9 53.9
 54 43.3 40.9 61.3

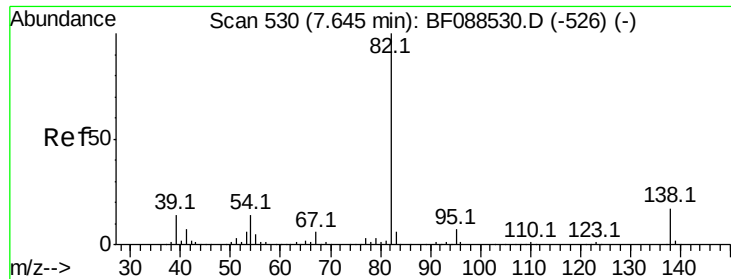
sohil
 7/11/2016 8:07:35 PM



#24
 Nitrobenzene
 Concen: 0.50 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion: 77 Resp: 2734
 Ion Ratio Lower Upper
 77 100
 123 57.4 45.0 67.4
 65 0.0 10.2 15.2#





#25

Isophorone

Concen: 0.52 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion: 82 Resp: 5250

Ion Ratio Lower Upper

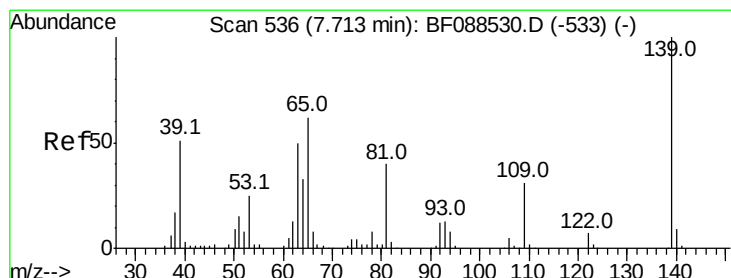
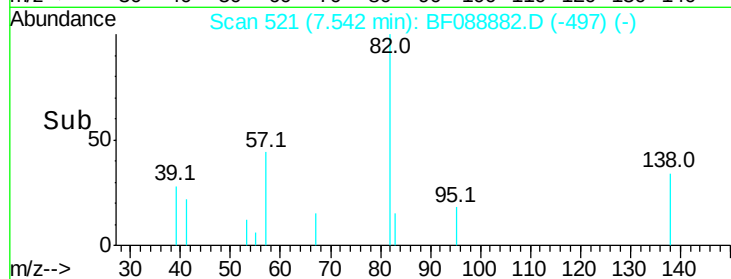
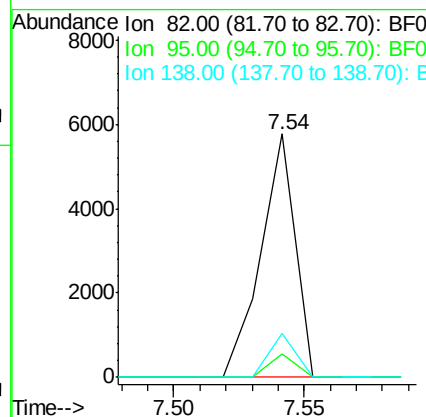
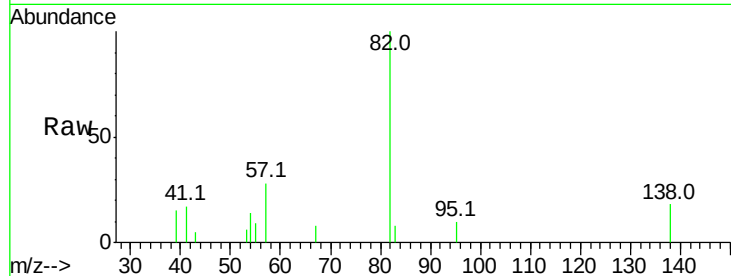
82 100

95 9.6 5.4 8.2#

138 18.2 14.6 21.8

sohil

7/11/2016 8:07:35 PM



#26

2-Nitrophenol

Concen: 0.42 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

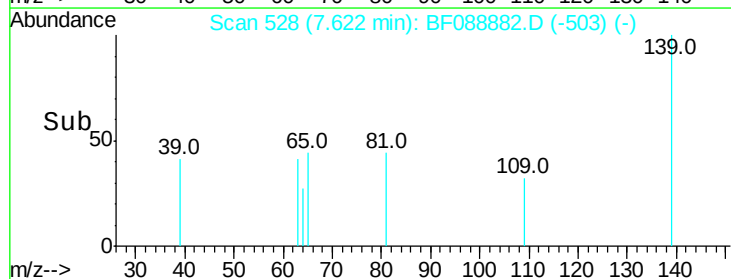
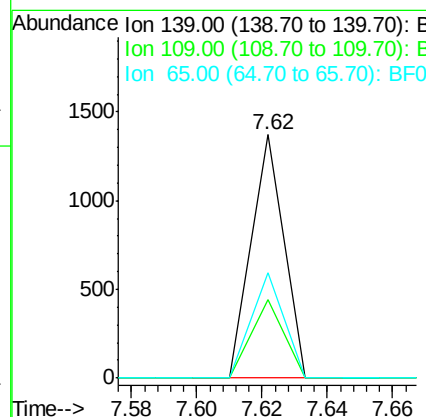
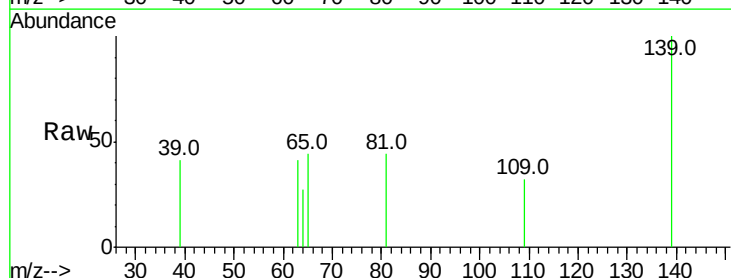
Tgt Ion: 139 Resp: 941

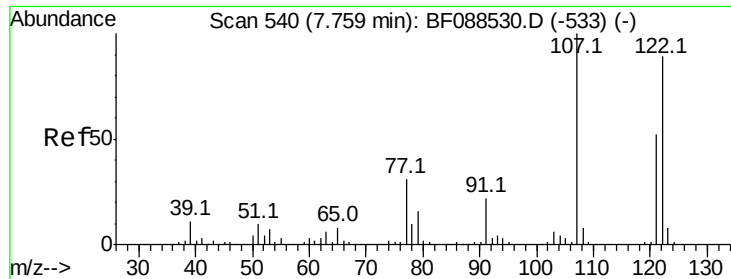
Ion Ratio Lower Upper

139 100

109 32.1 23.0 34.4

65 43.5 45.8 68.8#



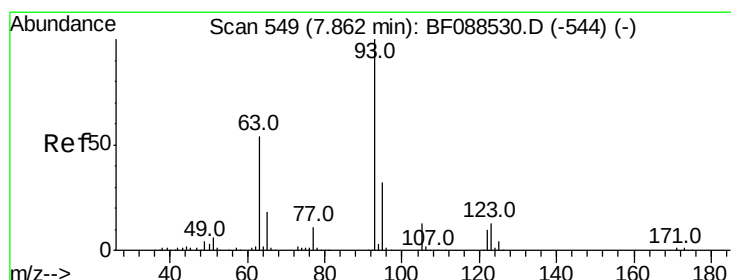
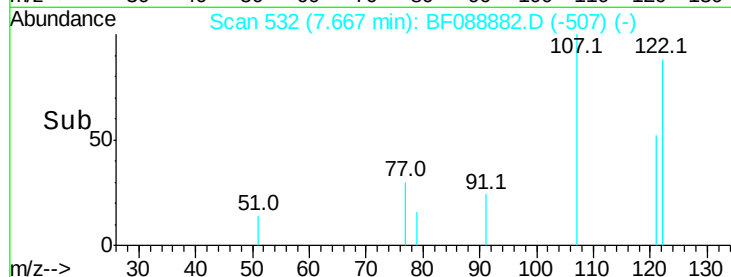
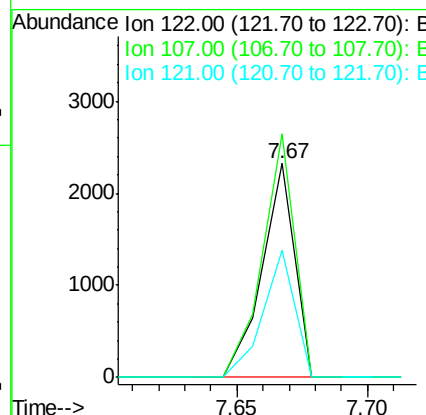
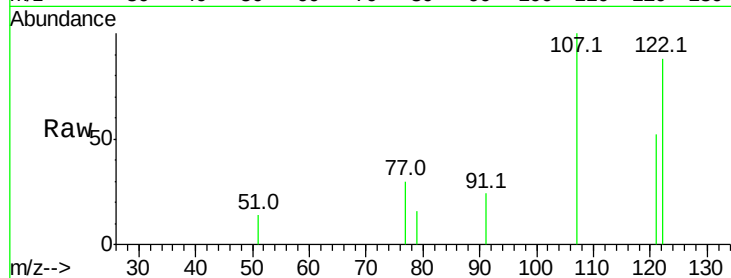


#27
 2,4-Dimethylphenol
 Concen: 0.43 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

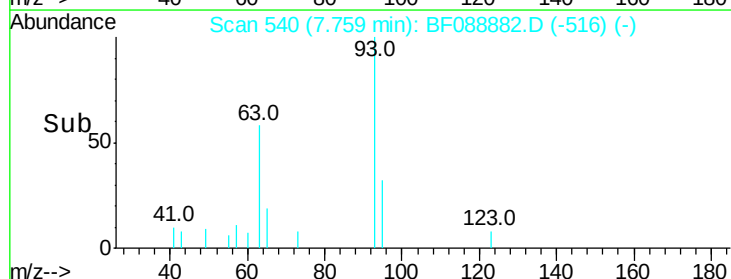
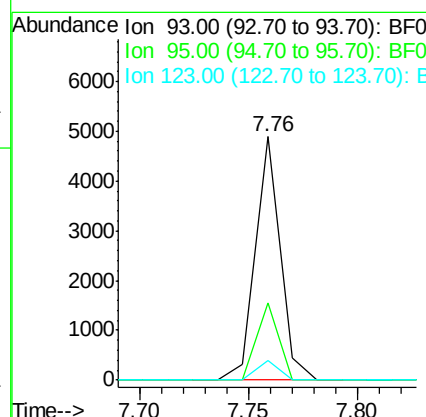
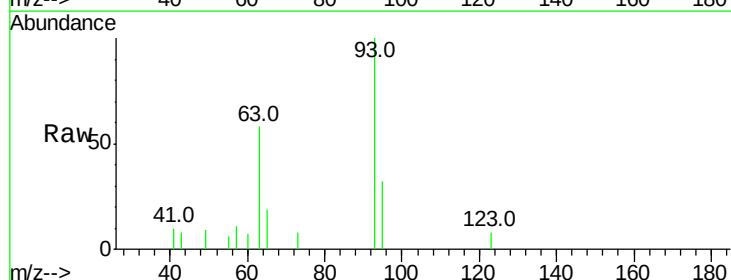
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	82.4	123.6
121	59.7	46.3	69.5

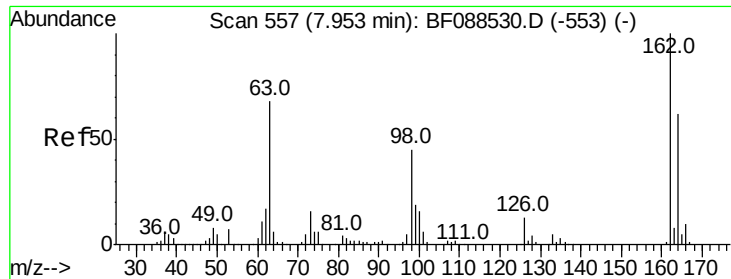
sohil
 7/11/2016 8:07:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.59 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	8.3	11.6	17.4#



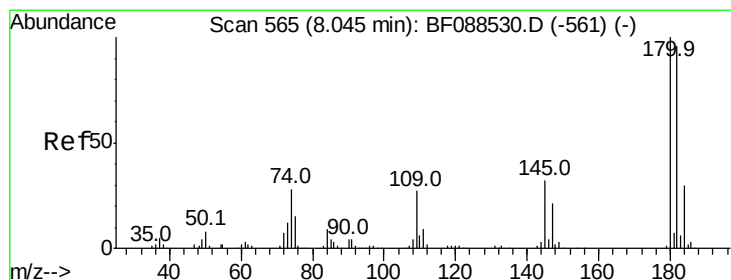
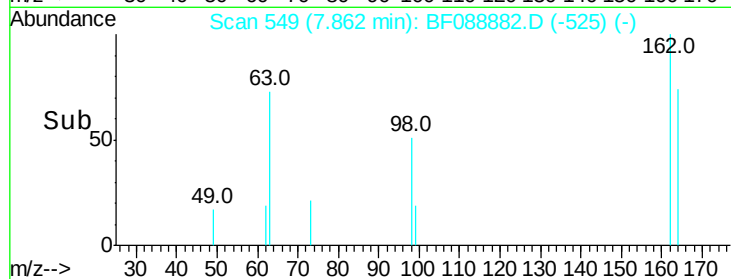
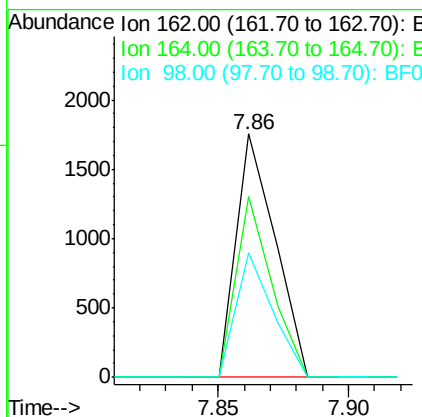
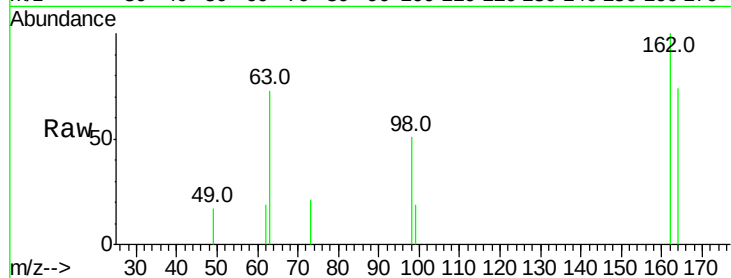


#29
 2,4-Dichlorophenol
 Concen: 0.49 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

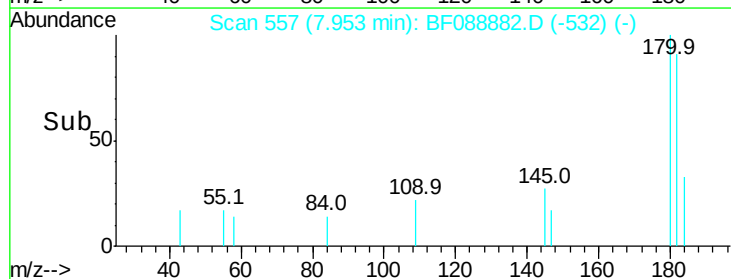
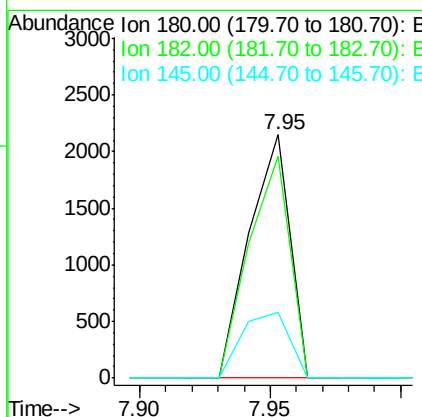
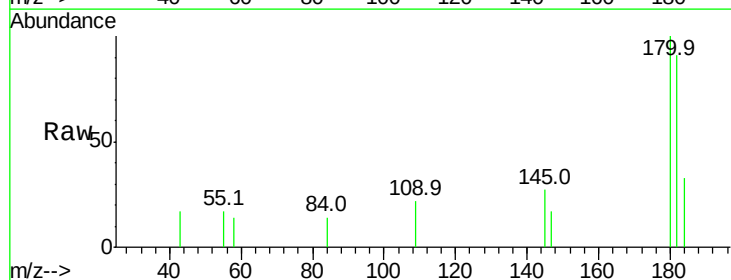
Tot Ion	Ratio	Lower	Upper
162	100		
164	74.0	43.8	83.8
98	51.4	21.3	61.3

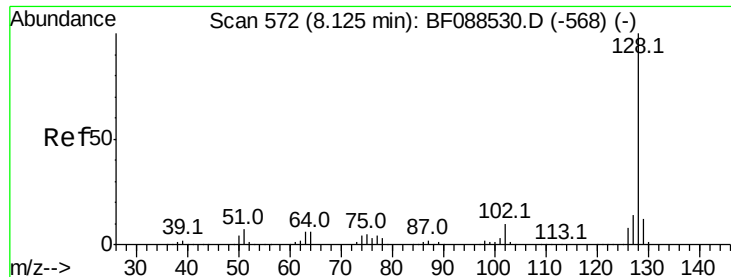
sohil
 7/11/2016 8:07:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 0.57 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.0	114.0
145	26.8	26.5	39.7





#31

Naphthalene

Concen: 0.61 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

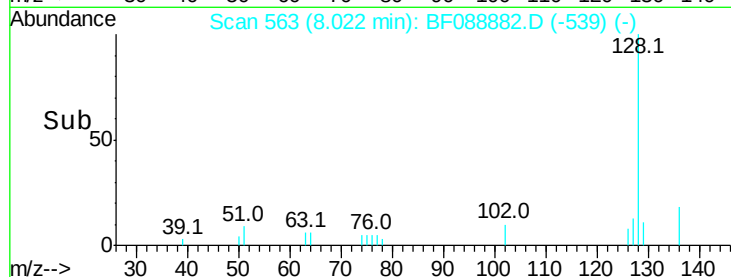
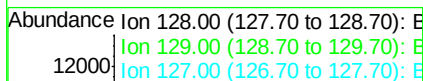
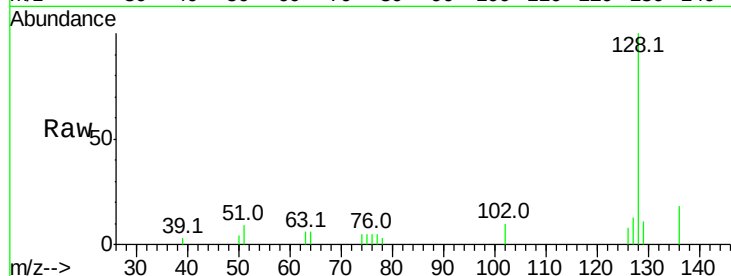
BNA_F

ClientSampleId :

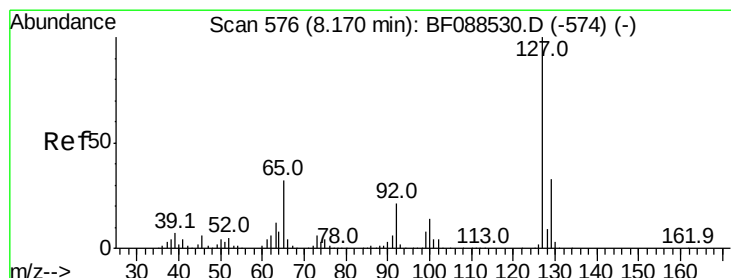
P001-SS004-0006-01MSD

Tot Ion:	128	Resp:	8587
Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.2	10.9	16.3

sohil
7/11/2016 8:07:35 PM



Time-->



#33

4-Chloroaniline

Concen: 0.10 ng

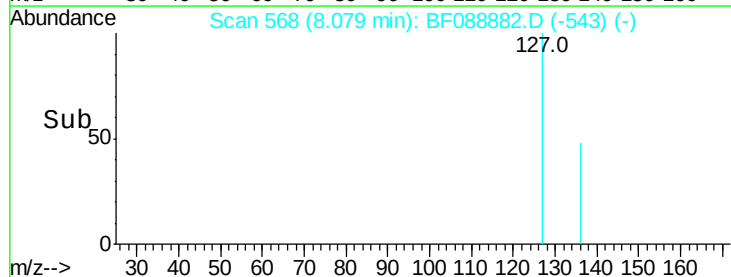
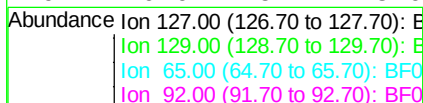
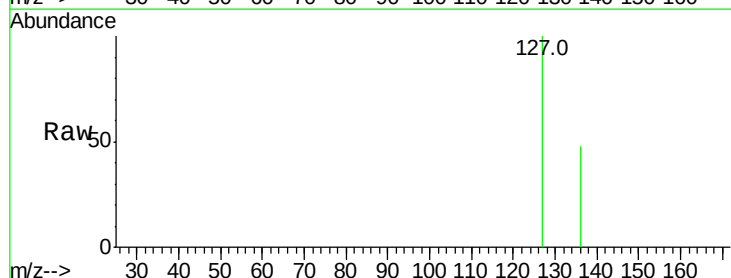
RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

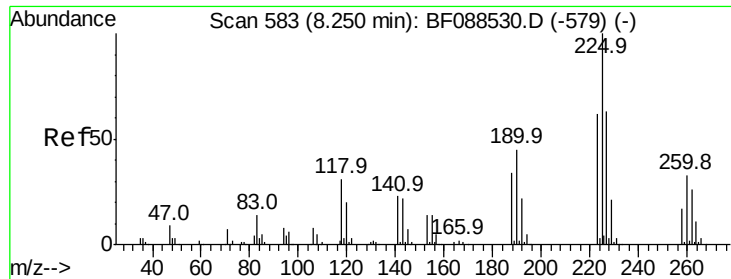
Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Tgt Ion:	127	Resp:	607
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



Time-->



#34

Hexachlorobutadiene

Concen: 0.56 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:225 Resp: 1238

Ion Ratio Lower Upper

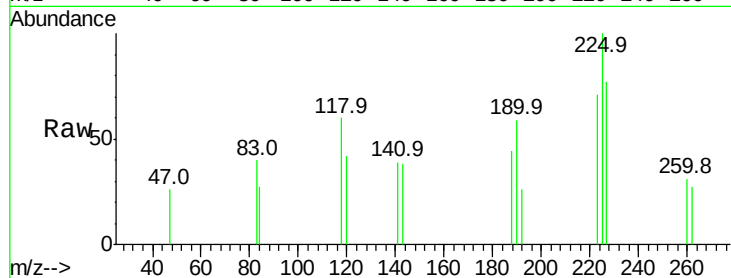
225 100

223 71.4 50.9 76.3

227 77.4 51.9 77.9

sohil

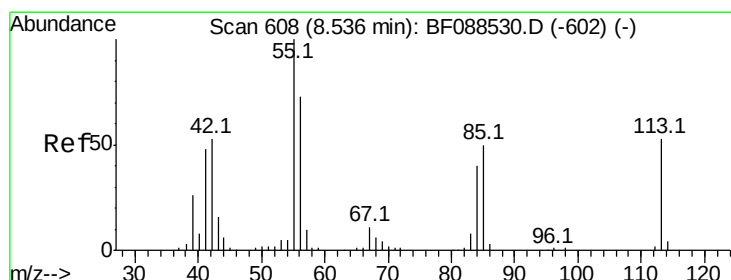
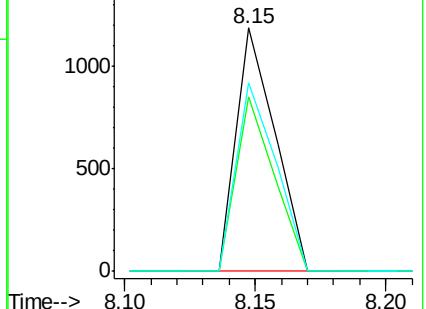
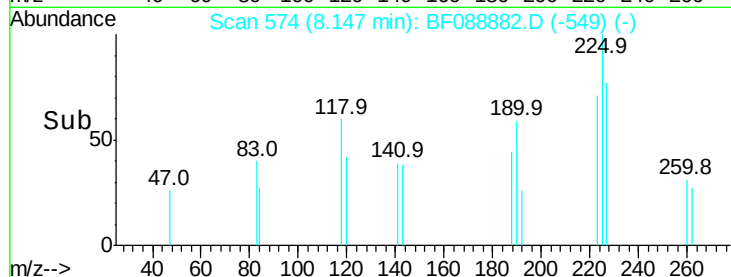
7/11/2016 8:07:35 PM



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: 0.49 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.08 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

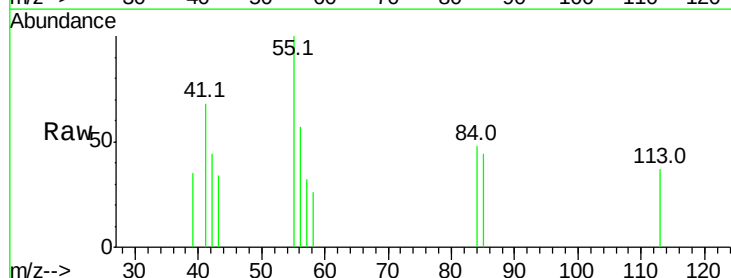
Tgt Ion:113 Resp: 623

Ion Ratio Lower Upper

113 100

55 273.3 158.6 198.6#

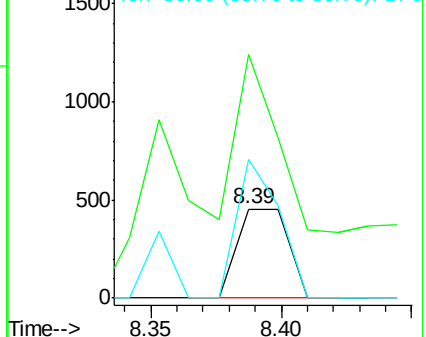
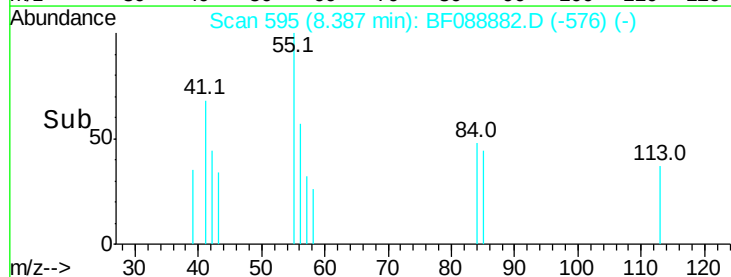
56 155.1 110.6 150.6#

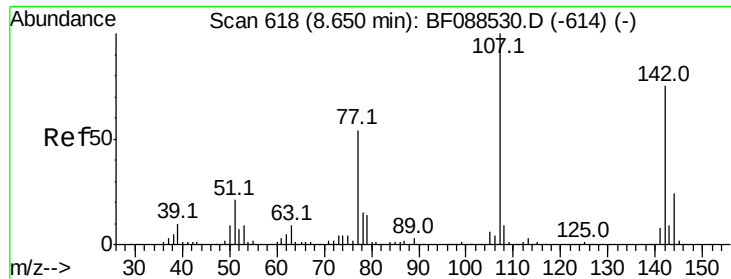


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



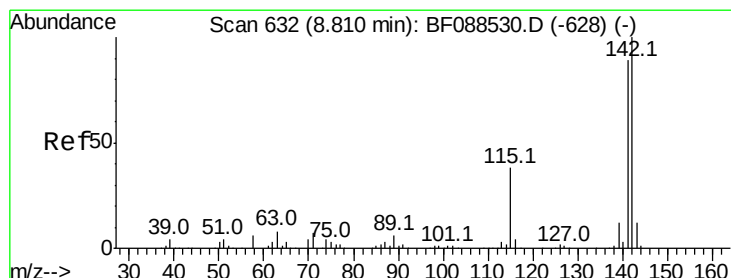
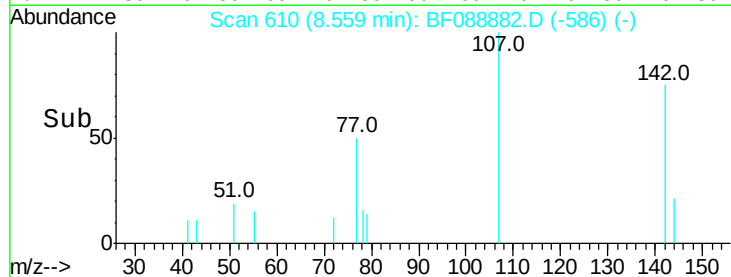
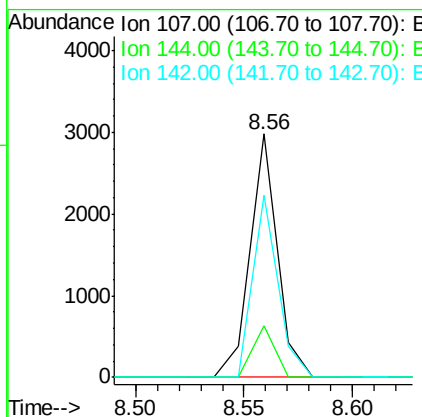
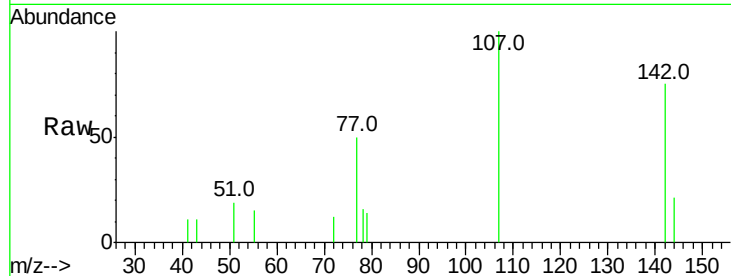


#36
 4-Chloro-3-methylphenol
 Concen: 0.58 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

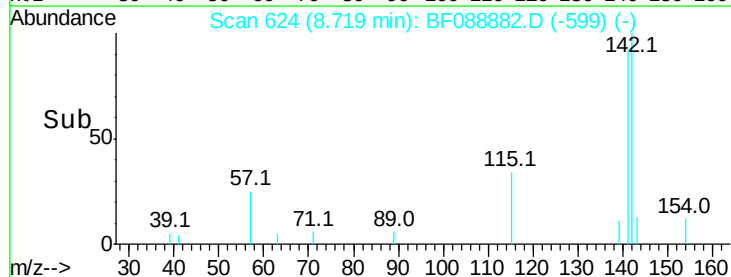
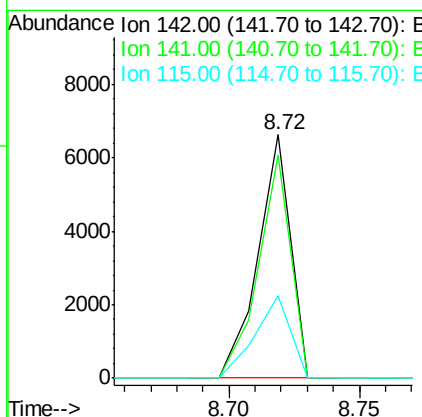
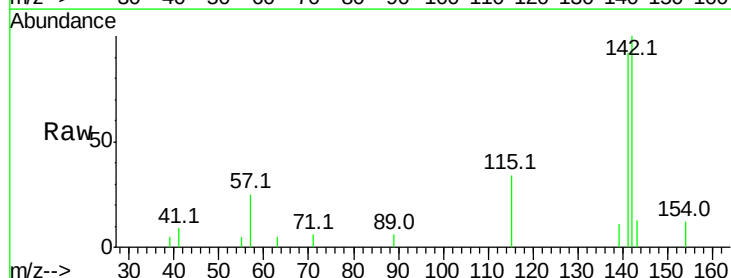
Tot Ion	Ratio	Lower	Upper
107	100		
144	21.0	20.8	31.2
142	74.7	63.4	95.2

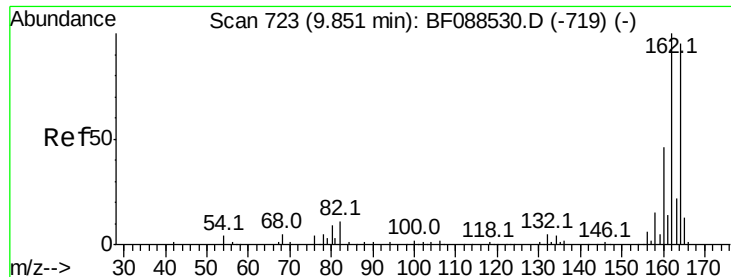
sohil
 7/11/2016 8:07:35 PM



#37
 2-Methylnaphthalene
 Concen: 0.64 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.0	106.6
115	34.0	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:164 Resp: 129528

Ion Ratio Lower Upper

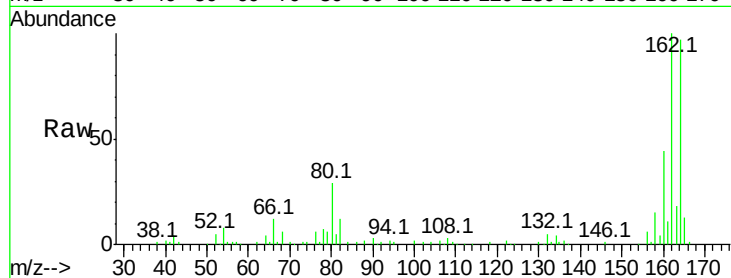
164 100

162 103.3 85.4 128.2

160 45.8 39.5 59.3

sohil

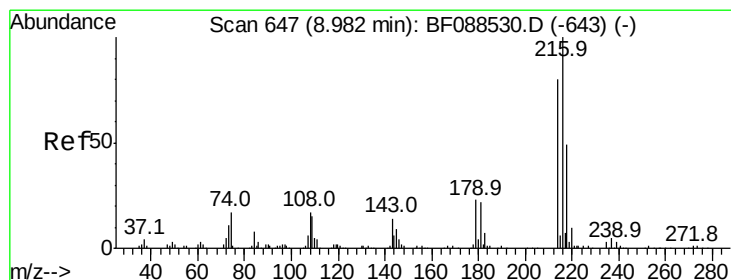
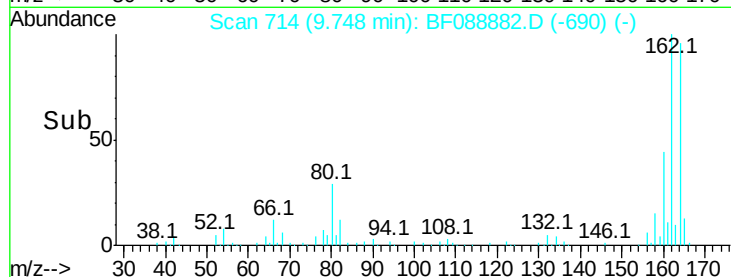
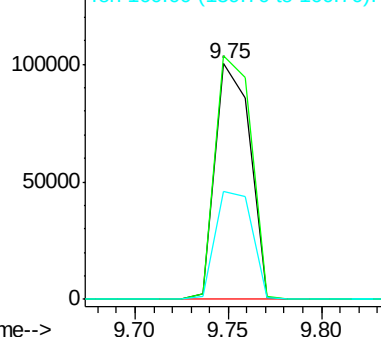
7/11/2016 8:07:35 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.51 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Tgt Ion:216 Resp: 2201

Ion Ratio Lower Upper

216 100

214 77.1 2.9 4.3#

179 19.4 0.0 0.0#

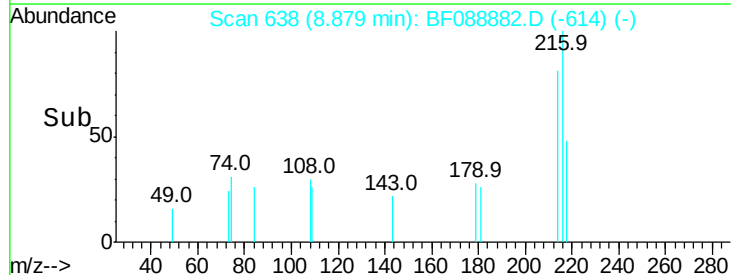
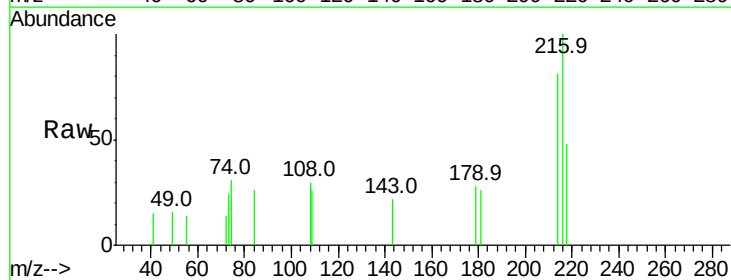
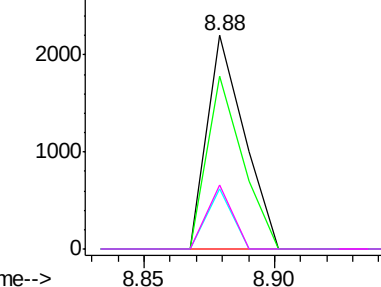
108 20.6 0.5 0.7#

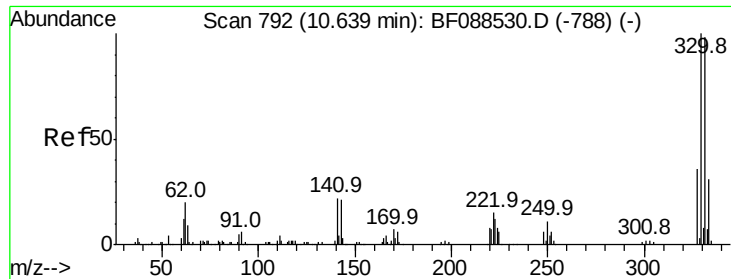
Abundance Ion 216.00 (215.70 to 216.70): E

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



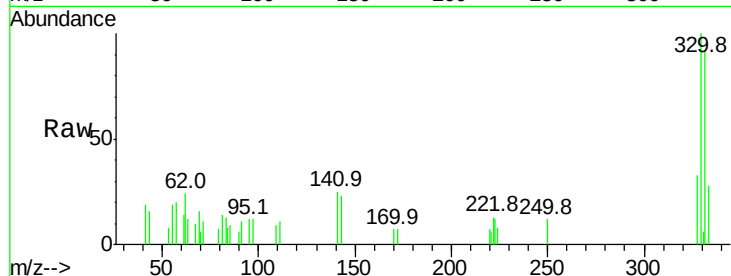


#41
 2,4,6-Tribromophenol
 Concen: 3.70 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

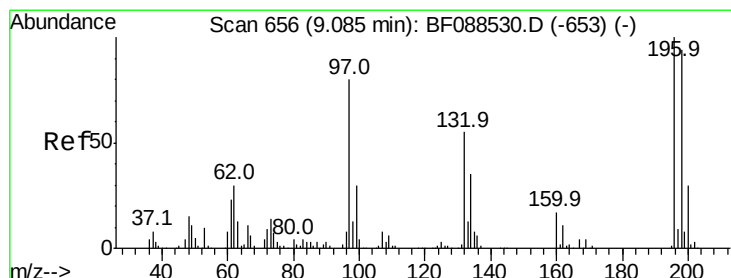
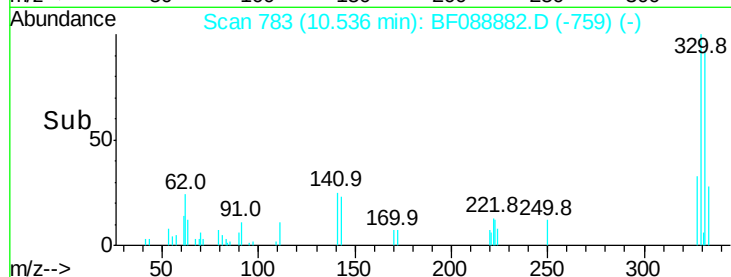
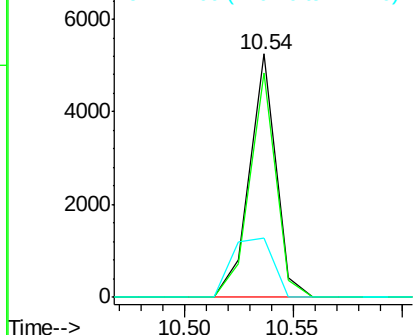
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.8	0.0	0.0#
141	38.3	0.0	0.0#

sohil
 7/11/2016 8:07:35 PM



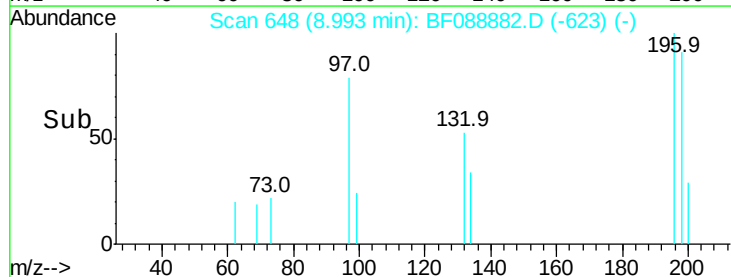
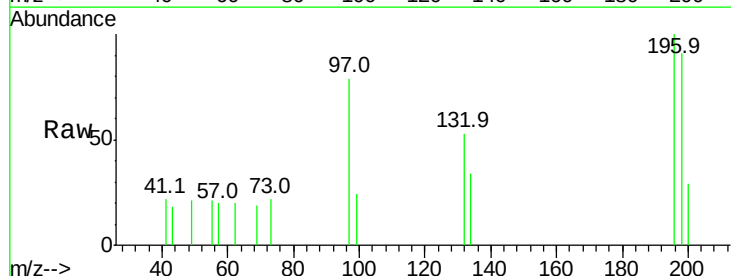
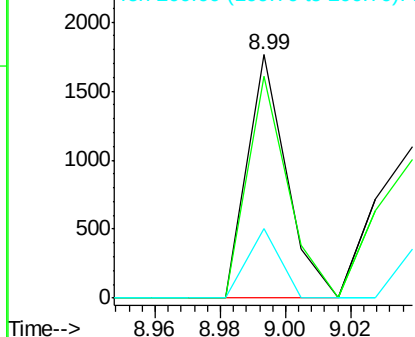
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

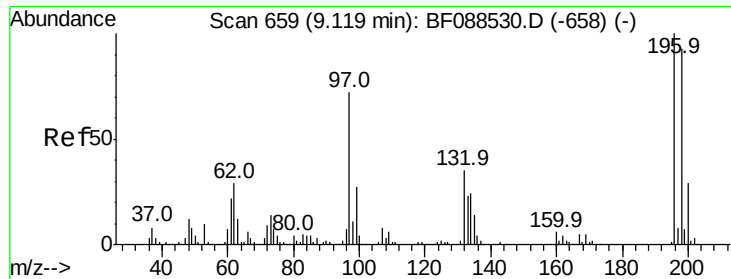


#42
 2,4,6-Trichlorophenol
 Concen: 0.51 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	78.0	117.0
200	28.5	25.4	38.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



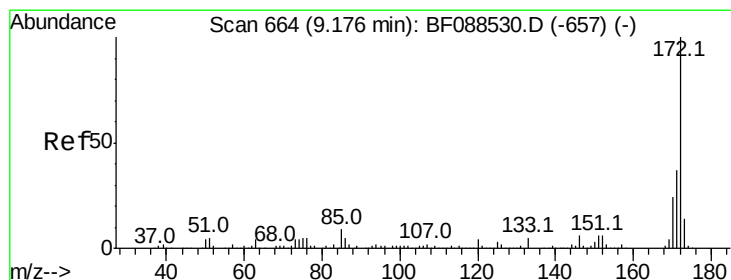
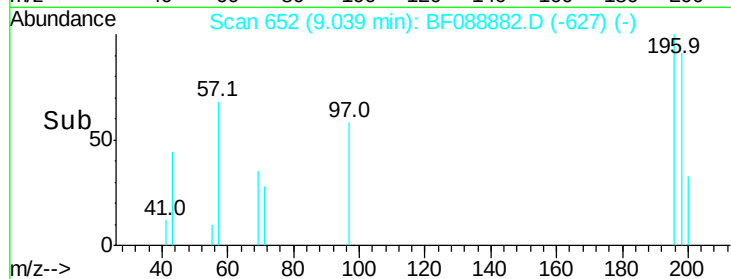
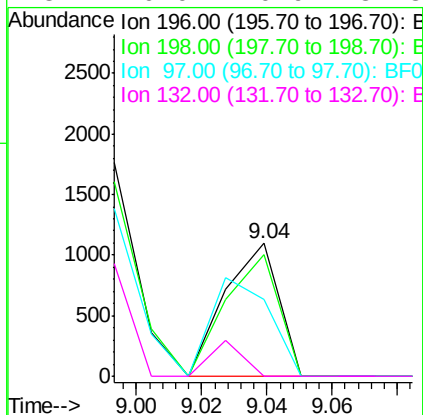
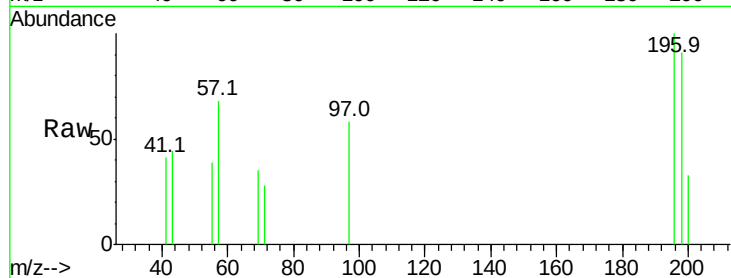


#43
 2,4,5-Trichlorophenol
 Concen: 0.51 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

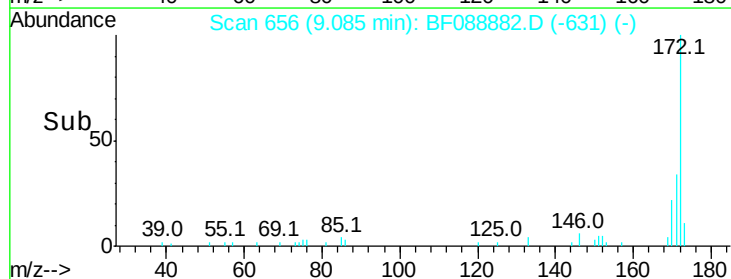
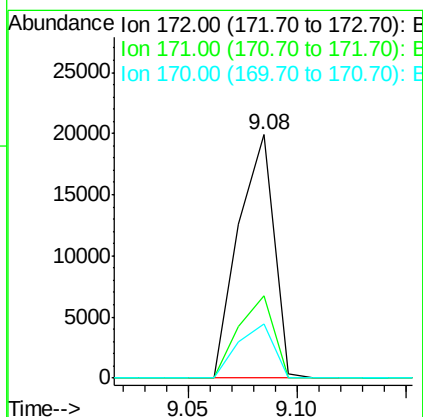
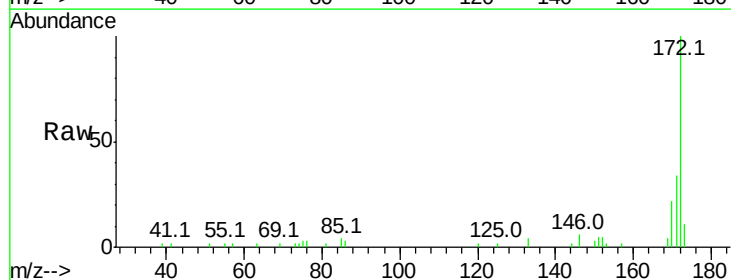
Tot Ion:196 Resp: 1243
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.5 116.3
 97 58.3 32.0 48.0#
 132 0.0 20.9 31.3#

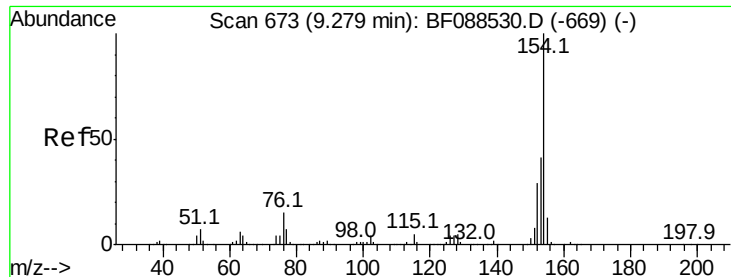
sohil
 7/11/2016 8:07:35 PM



#44
 2-Fluorobiphenyl
 Concen: 2.75 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion:172 Resp: 22517
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.6 43.0
 170 22.2 19.2 28.8



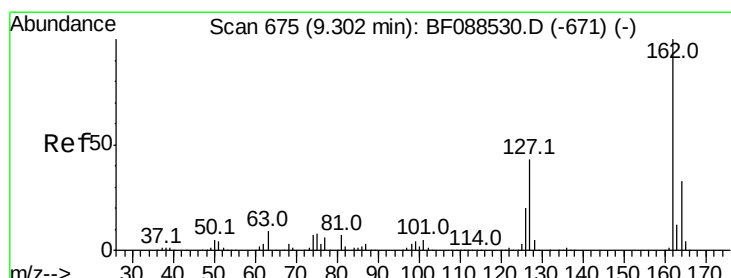
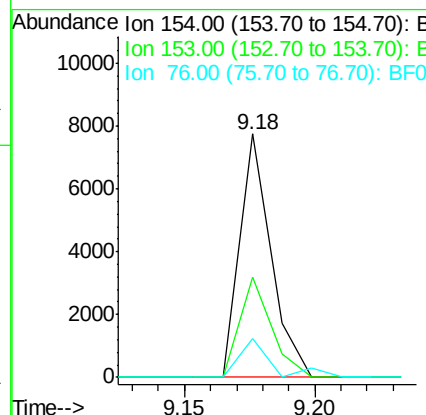
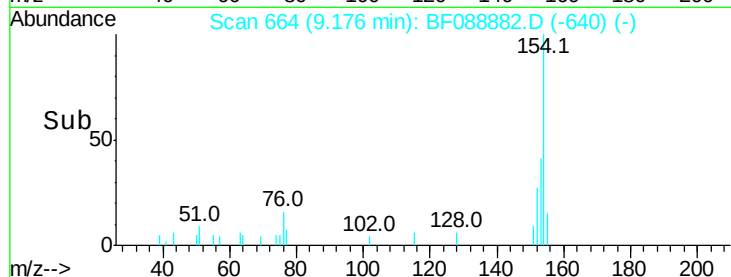
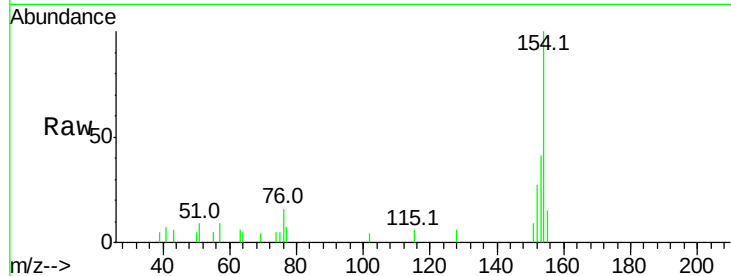


#45
 1,1'-Biphenyl
 Concen: 0.61 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

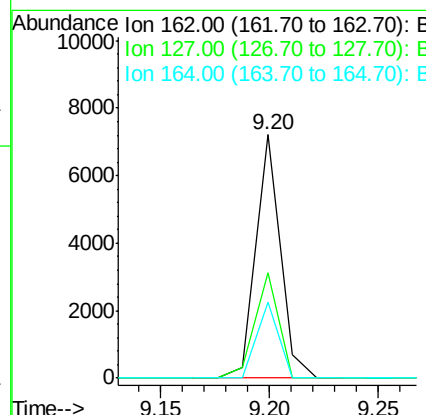
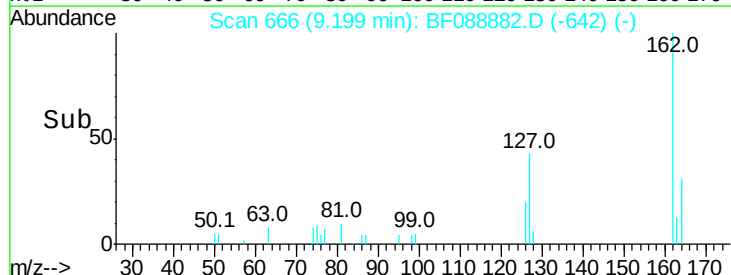
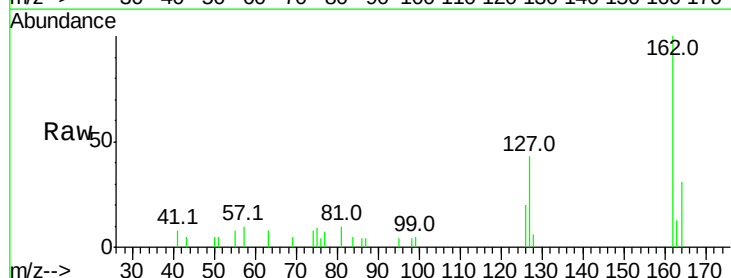
Tot Ion:	154	Resp:	6508
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	15.8	0.0	35.1

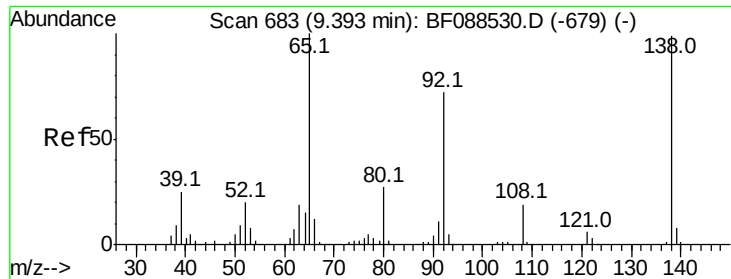
sohil
 7/11/2016 8:07:35 PM



#46
 2-Chloronaphthalene
 Concen: 0.67 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion:	162	Resp:	5635
Ion	Ratio	Lower	Upper
162	100		
127	43.5	35.2	52.8
164	31.2	26.6	39.8



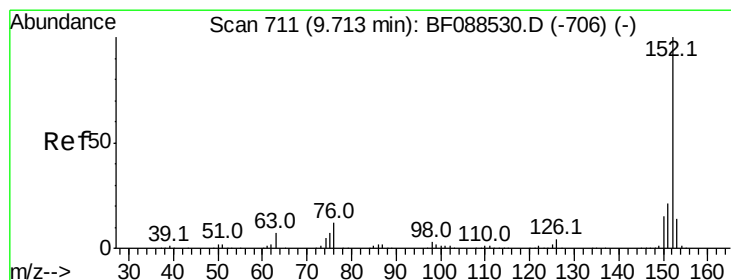
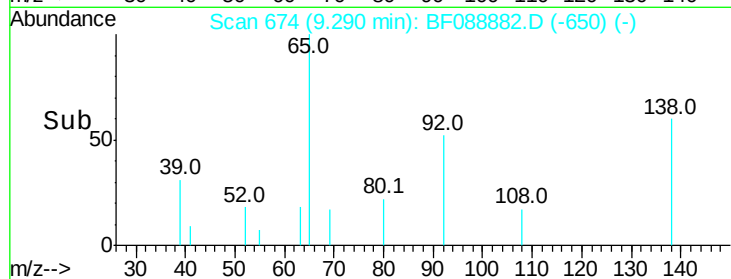
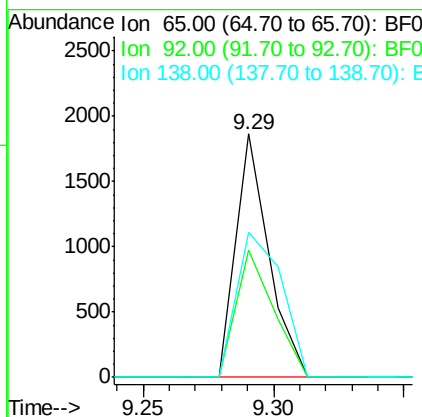
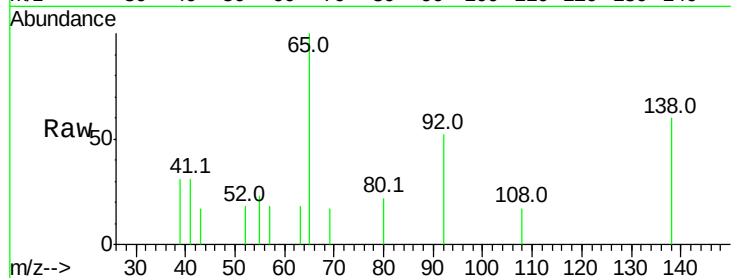


#47
 2-Nitroaniline
 Concen: 0.55 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

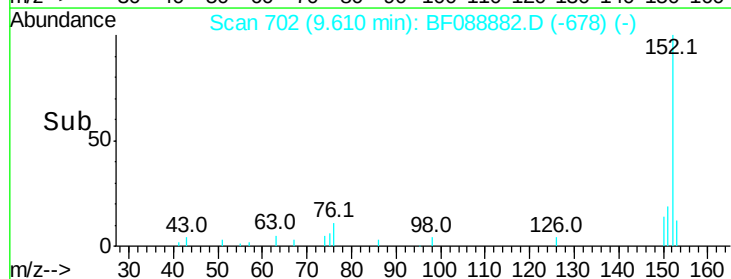
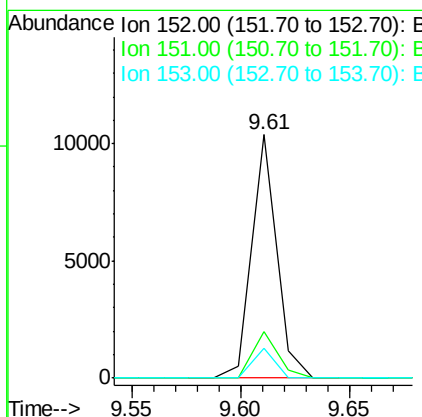
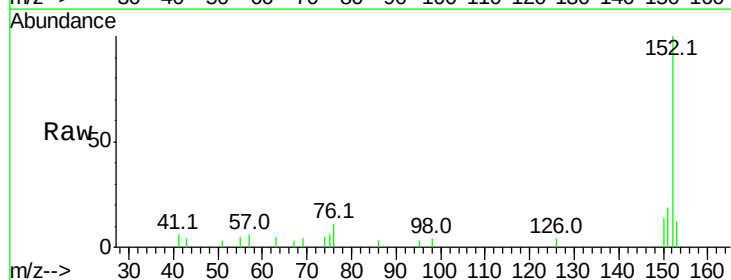
Tot Ion	Ratio	Lower	Upper
65	100		
92	52.2	54.6	82.0#
138	59.8	77.0	115.4#

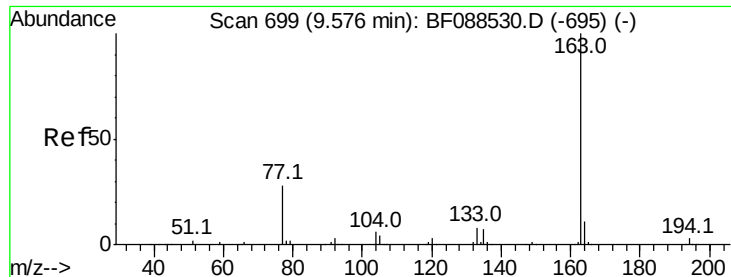
sohil
 7/11/2016 8:07:35 PM



#48
 Acenaphthylene
 Concen: 0.62 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	12.1	11.0	16.6





#49

Dimethylphthalate

Concen: 0.82 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:163 Resp: 7560

Ion Ratio Lower Upper

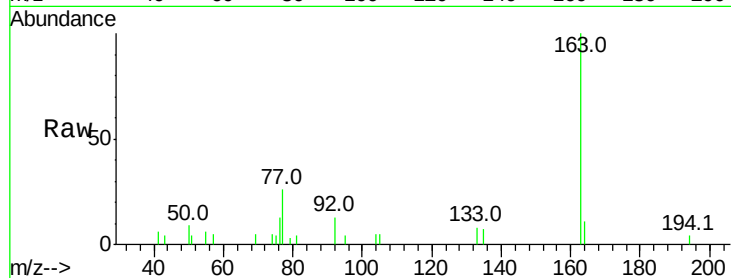
163 100

194 3.7 2.8 4.2

164 11.0 8.3 12.5

sohil

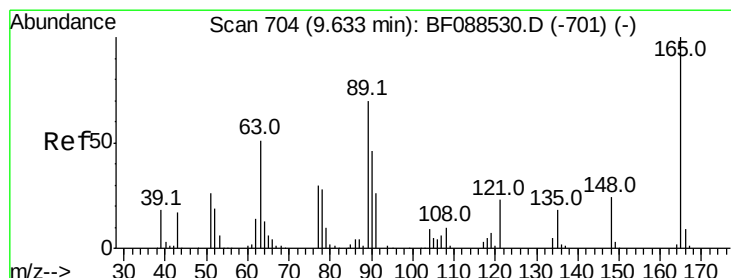
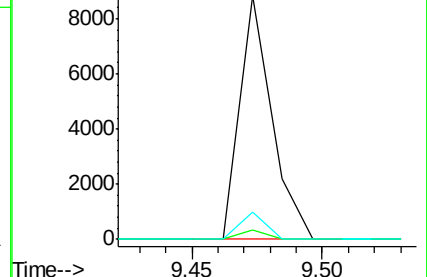
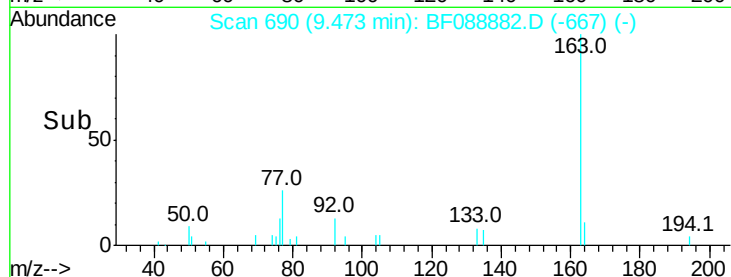
7/11/2016 8:07:35 PM



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: 0.56 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

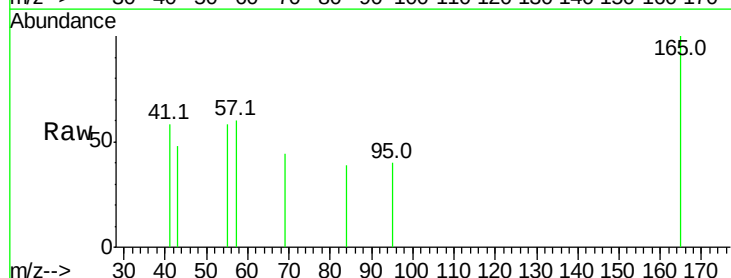
Tgt Ion:165 Resp: 1136

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

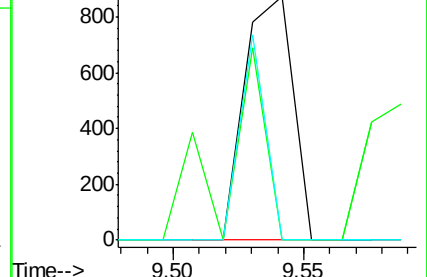
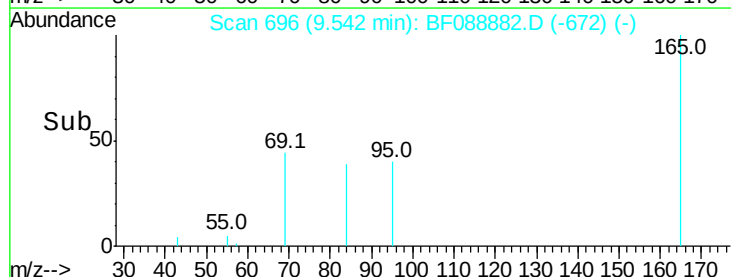
89 0.0 32.2 48.2#

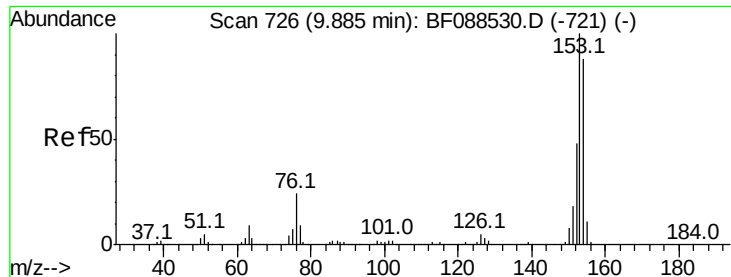


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.65 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:154 Resp: 5339

Ion Ratio Lower Upper

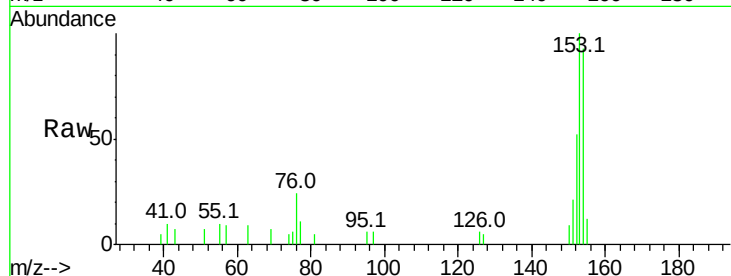
154 100

153 107.5 89.5 134.3

152 55.7 42.7 64.1

sohil

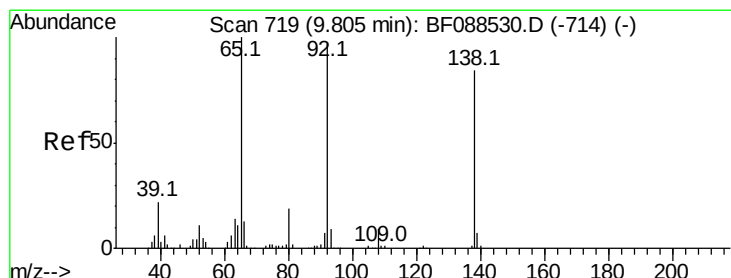
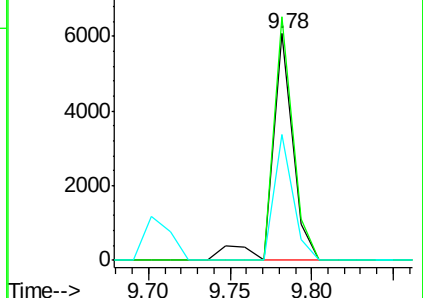
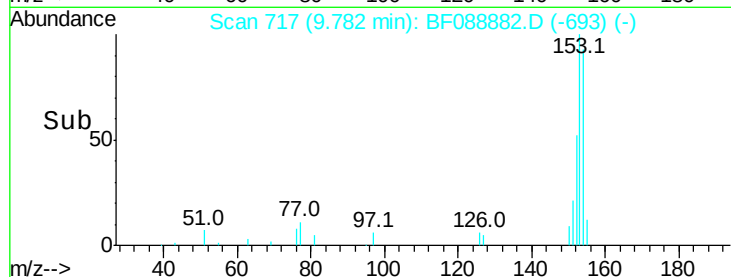
7/11/2016 8:07:35 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.26 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

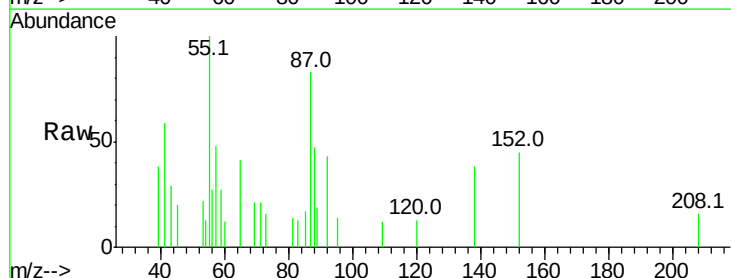
Tgt Ion:138 Resp: 675

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

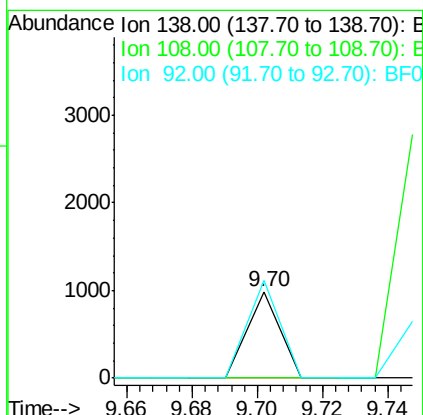
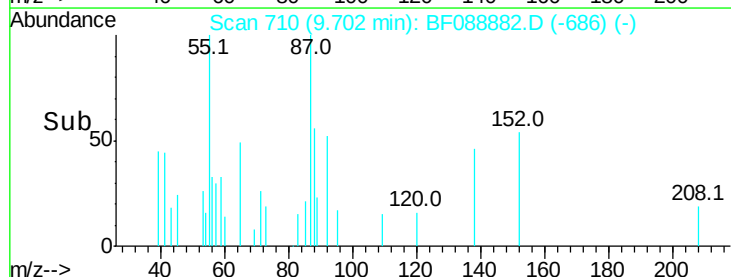
92 113.9 95.7 143.5

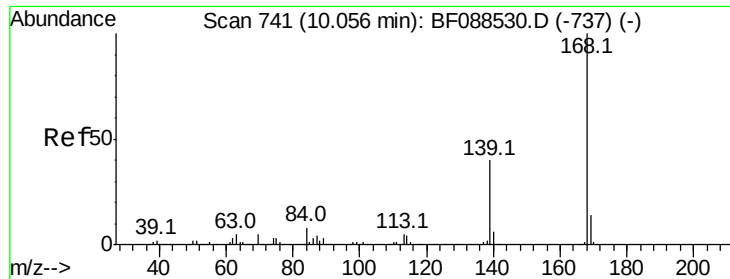


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



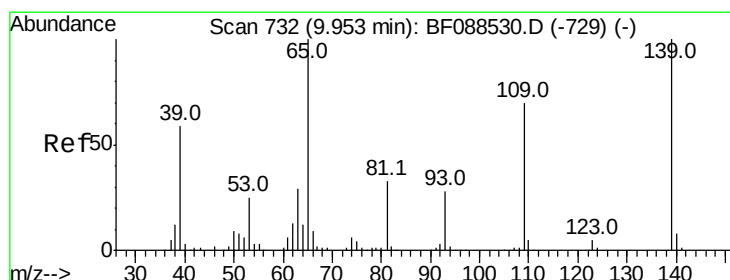
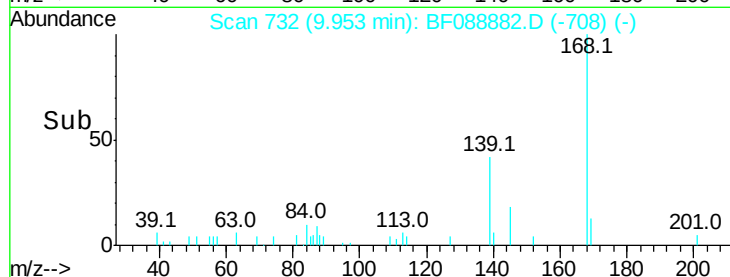
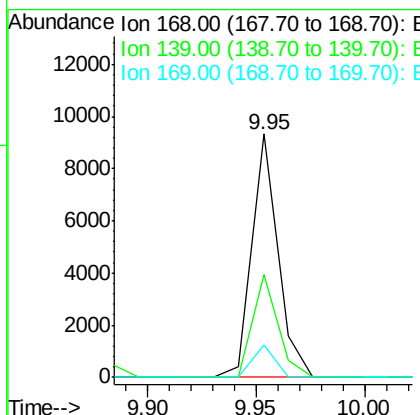
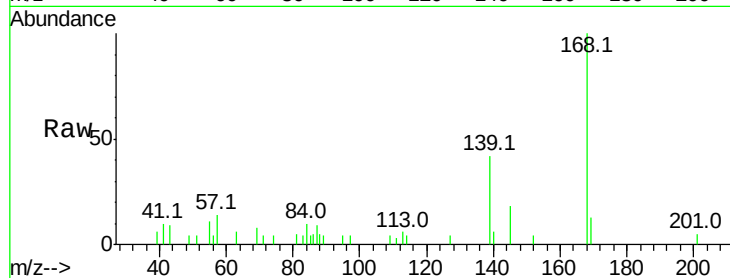


#54
Dibenzofuran
Concen: 0.72 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

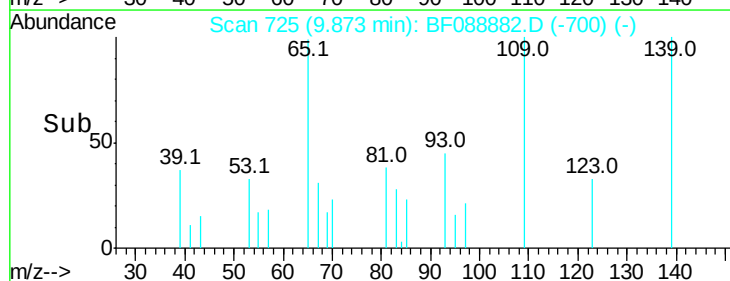
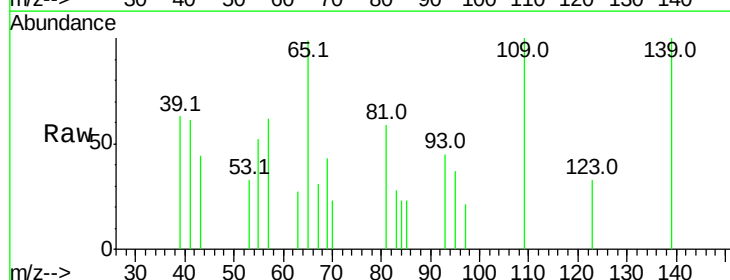
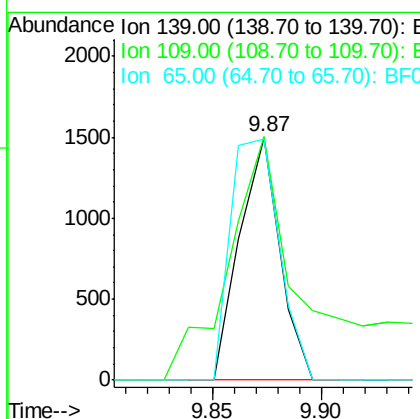
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	26.4	39.6#
169	13.4	10.4	15.6

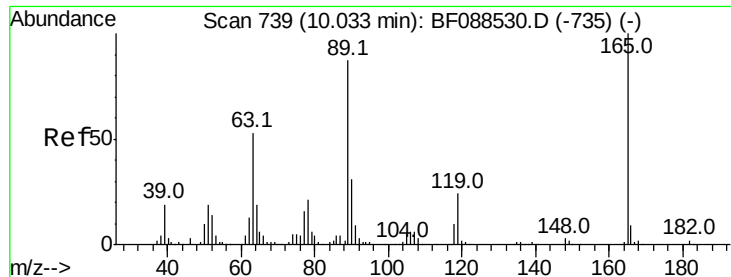
sohil
7/11/2016 8:07:35 PM



#55
4-Nitrophenol
Concen: 0.98 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.3	48.9	88.9#
65	99.2	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 0.52 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:165 Resp: 1378

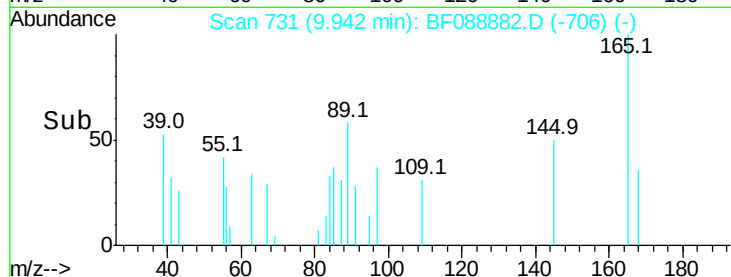
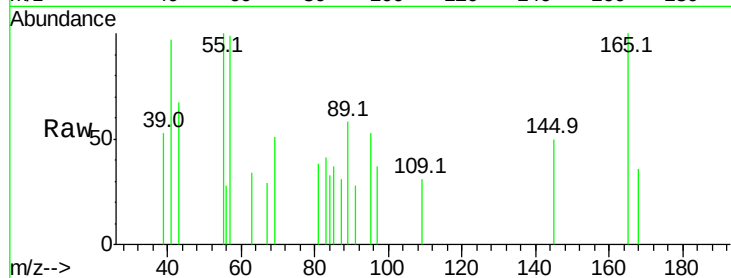
Ion Ratio Lower Upper

165 100

63 34.3 22.0 33.0#

89 57.8 41.1 61.7

182 0.0 2.0 3.0#

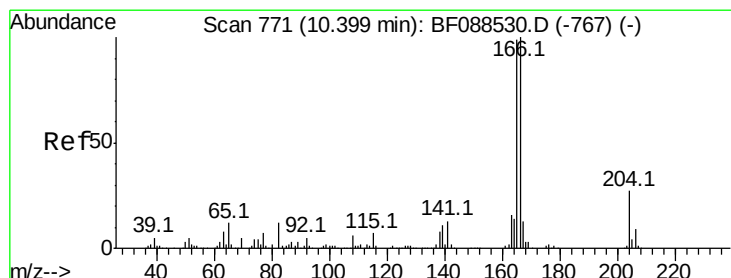
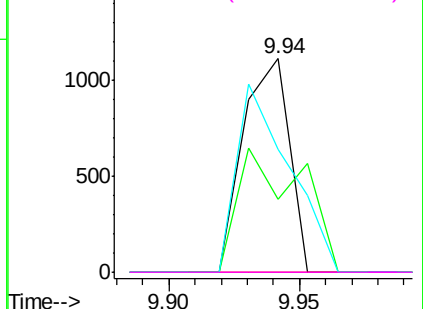


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.75 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

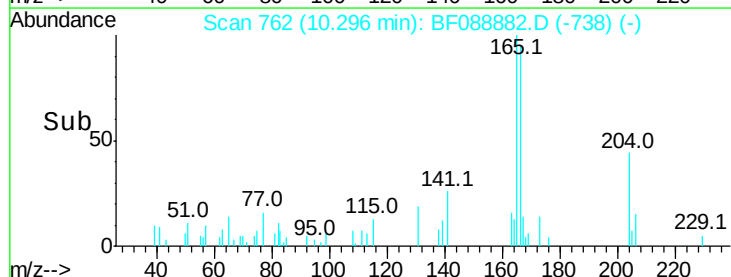
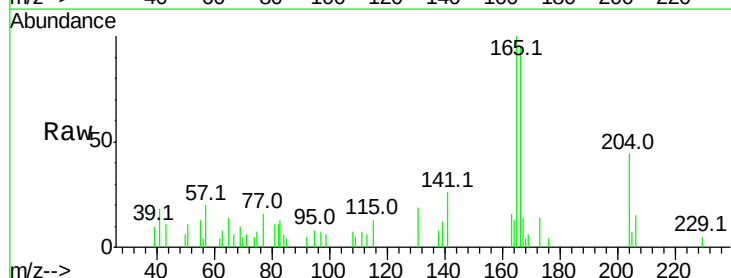
Tgt Ion:166 Resp: 6206

Ion Ratio Lower Upper

166 100

165 105.4 77.8 116.8

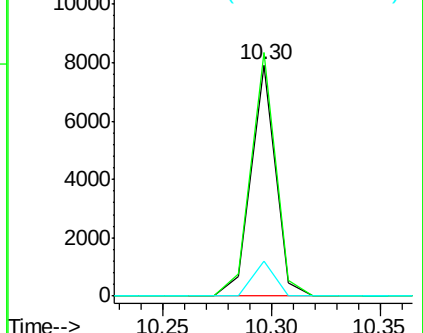
167 15.1 11.2 16.8

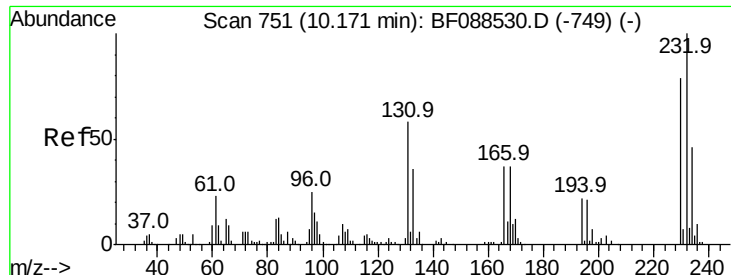


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



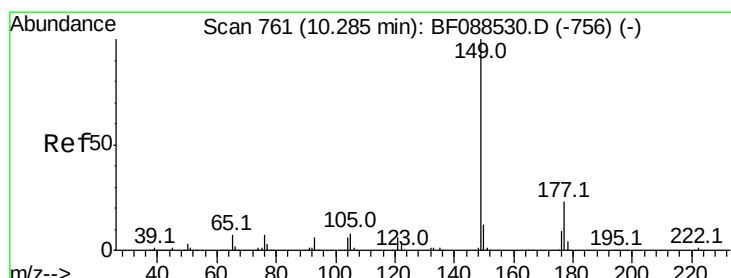
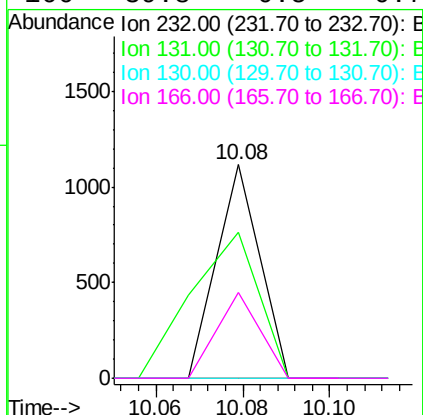
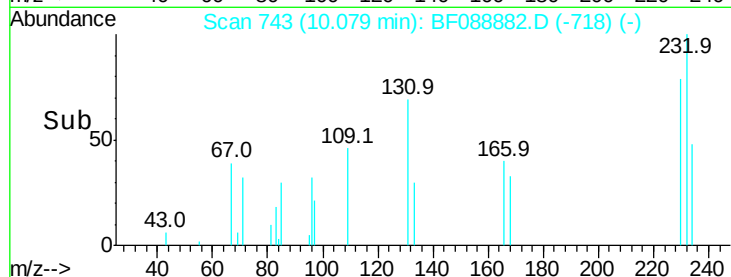
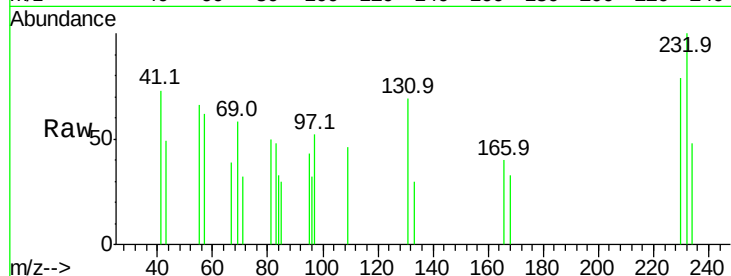


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.41 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

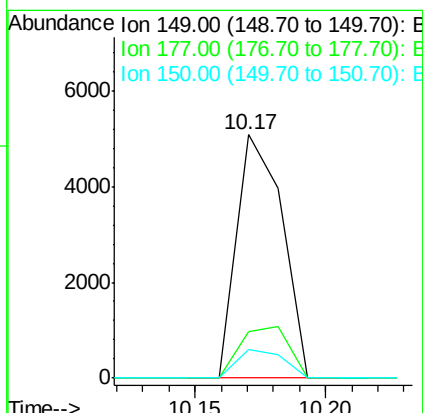
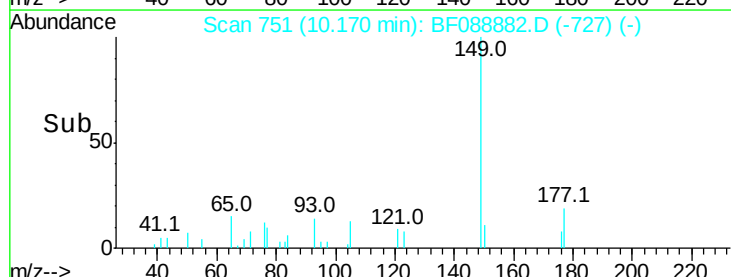
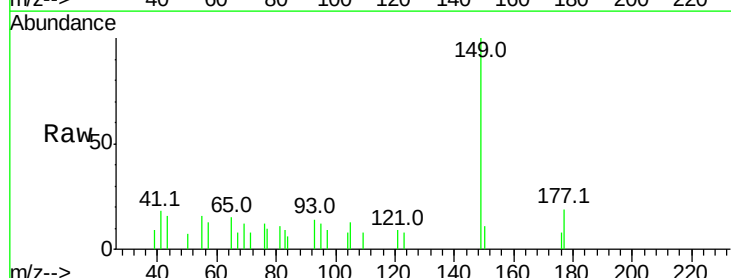
Tot Ion:232 Resp: 766
 Ion Ratio Lower Upper
 232 100
 131 107.6 0.9 1.3#
 130 0.0 1.5 2.3#
 166 39.8 0.5 0.7#

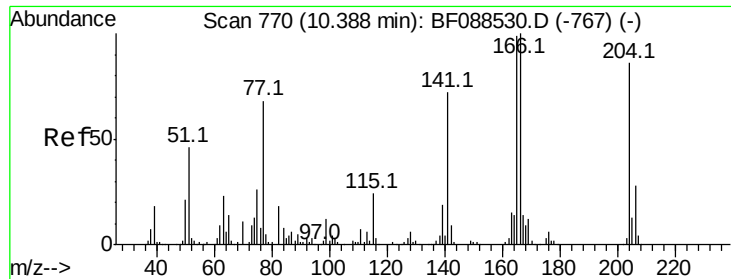
sohil
 7/11/2016 8:07:35 PM



#59
 Diethylphthalate
 Concen: 0.67 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion:149 Resp: 6210
 Ion Ratio Lower Upper
 149 100
 177 19.0 16.9 25.3
 150 11.5 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 0.73 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:204 Resp: 2821

Ion Ratio Lower Upper

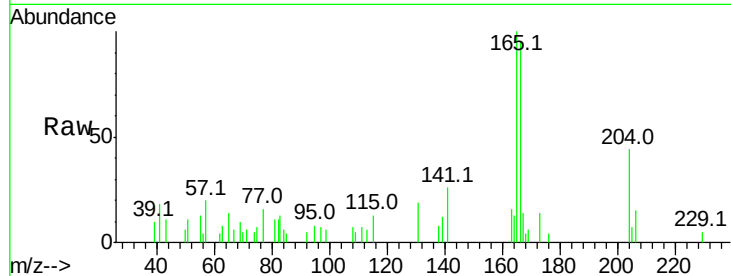
204 100

206 35.0 26.3 39.5

141 59.3 55.0 82.6

sohil

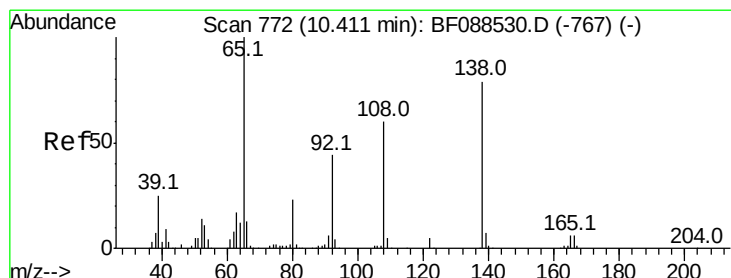
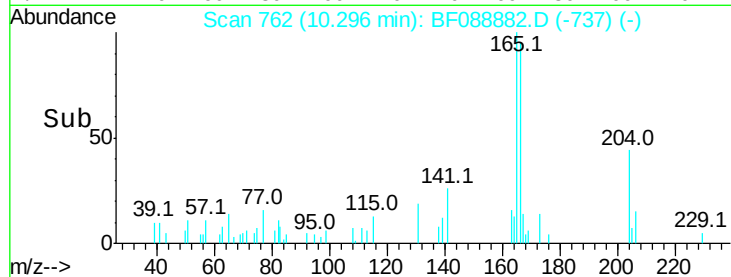
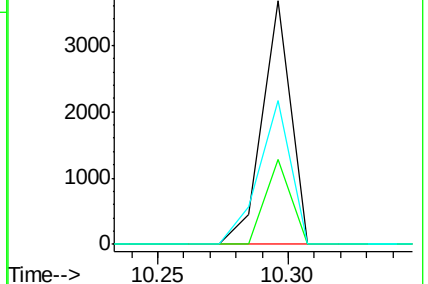
7/11/2016 8:07:35 PM



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 0.37 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

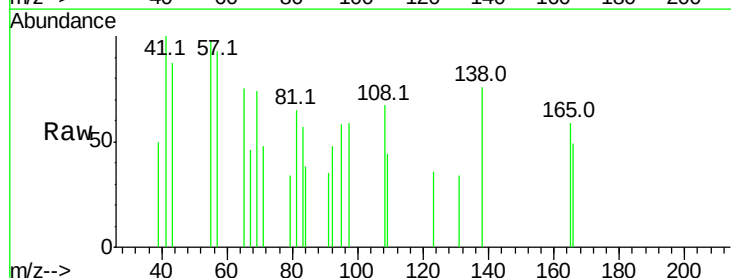
Tgt Ion:138 Resp: 920

Ion Ratio Lower Upper

138 100

92 62.1 27.3 67.3

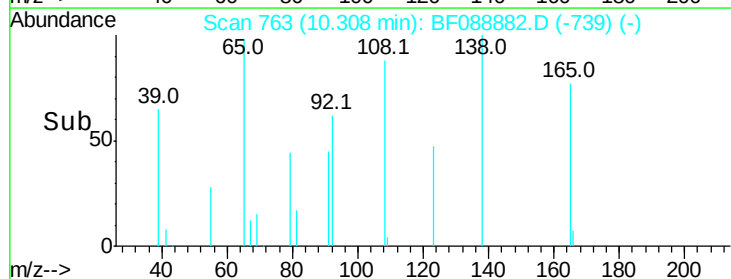
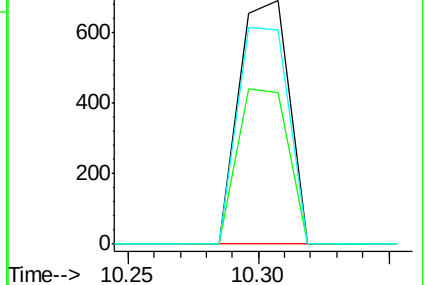
108 87.8 46.7 86.7#

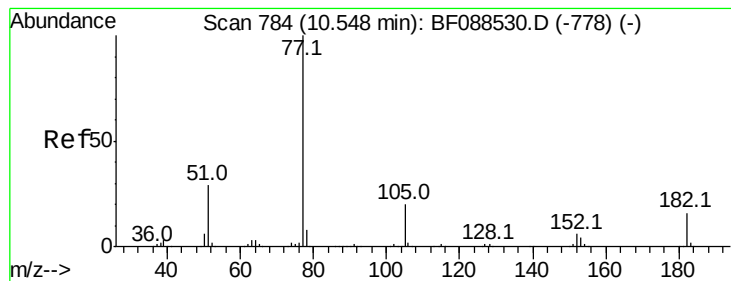


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.63 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088882.D

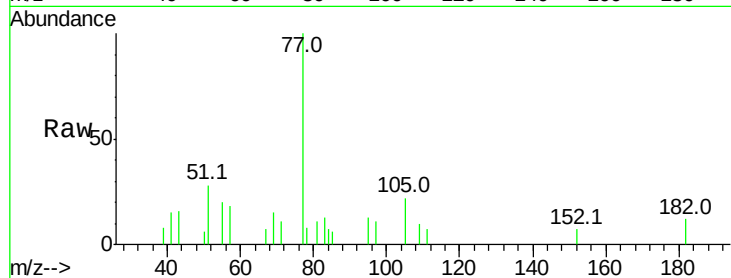
Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD



Tot Ion: 77 Resp: 6686

Ion Ratio Lower Upper

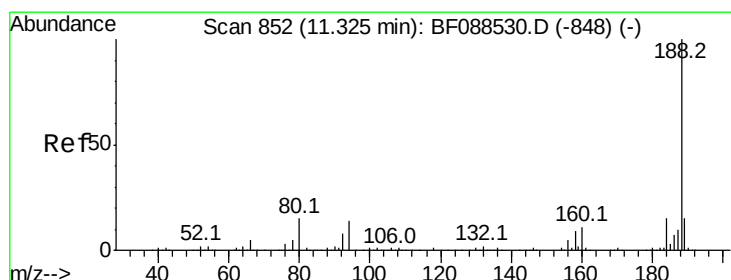
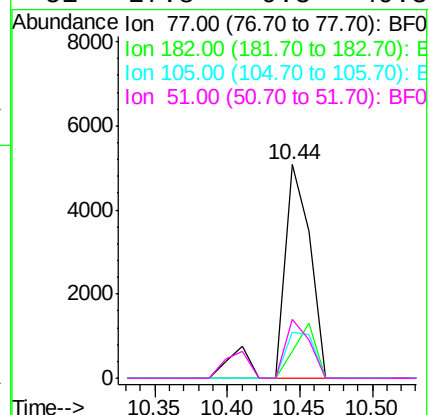
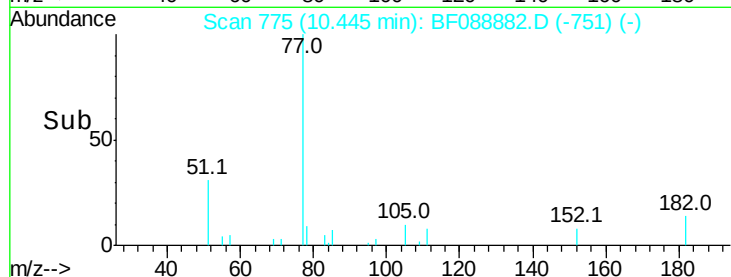
77 100

182 12.4 4.4 44.4

105 21.8 3.8 43.8

51 27.8 9.3 49.3

sohil
7/11/2016 8:07:35 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

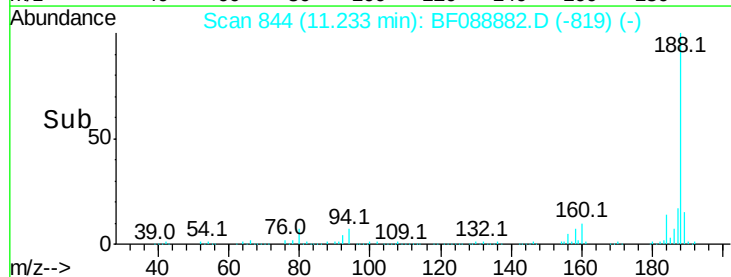
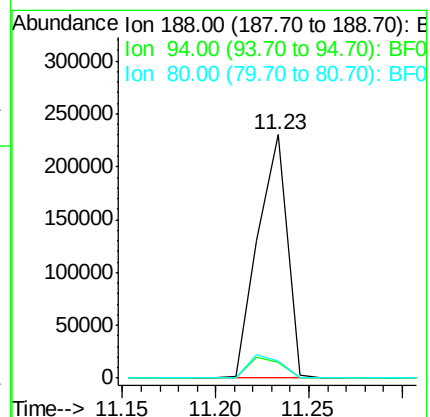
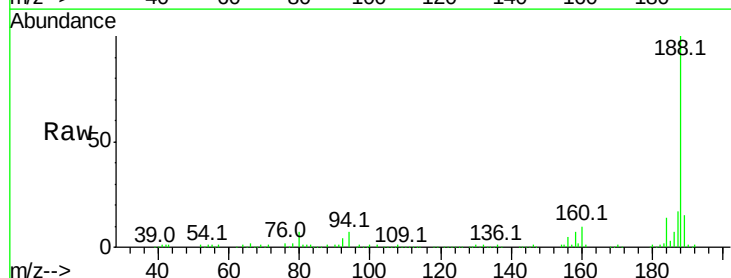
Tgt Ion: 188 Resp: 250898

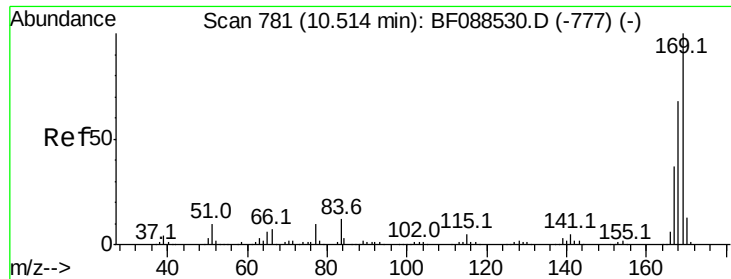
Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.6#

80 6.9 10.0 15.0#



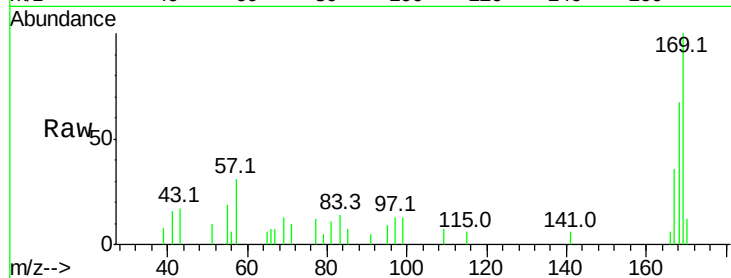


#65
 n-Nitrosodiphenylamine
 Concen: 0.61 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

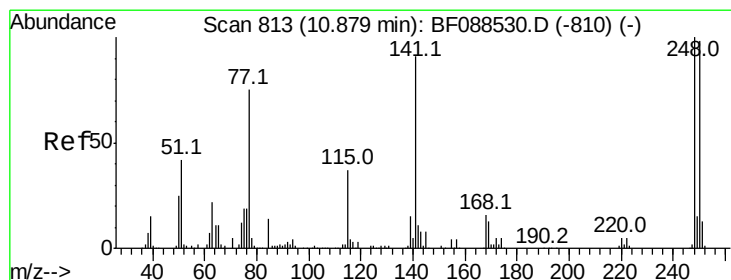
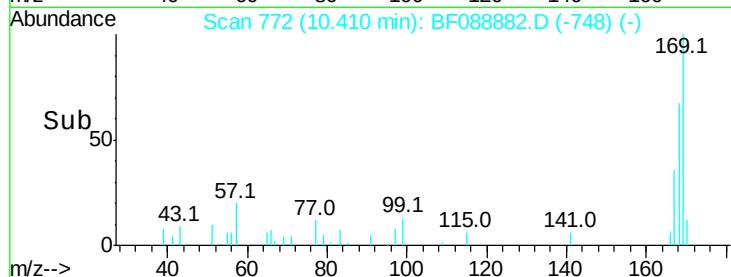
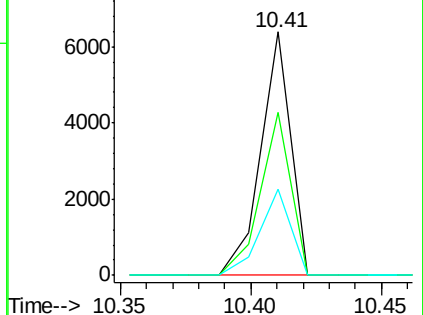
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.0
167	35.5	29.4	44.0

sohil
 7/11/2016 8:07:35 PM



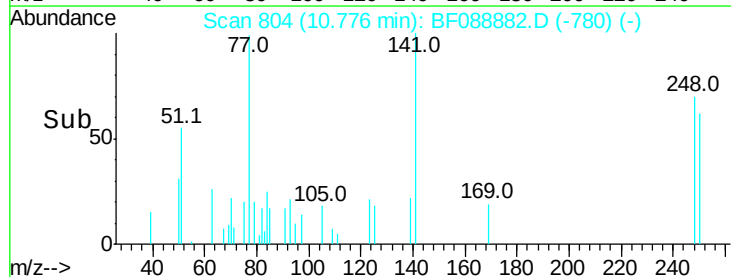
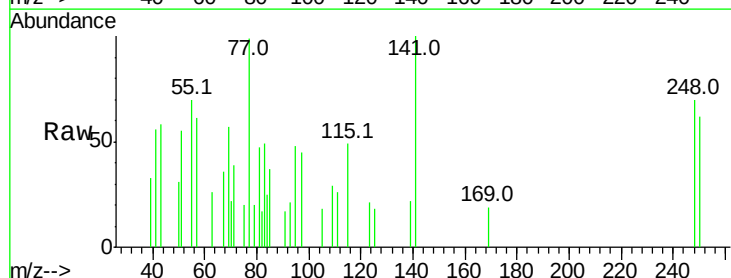
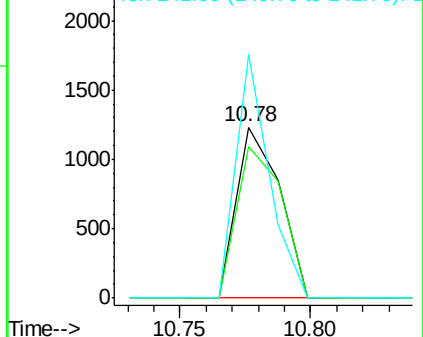
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

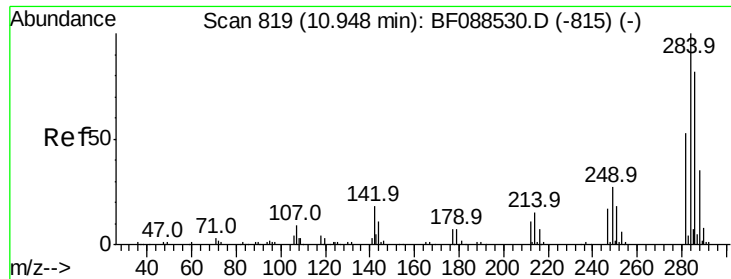


#66
 4-Bromophenyl-phenylether
 Concen: 0.57 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.7	77.1	115.7
141	142.3	50.6	76.0#

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





#67

Hexachlorobenzene

Concen: 0.60 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:284 Resp: 1670

Ion Ratio Lower Upper

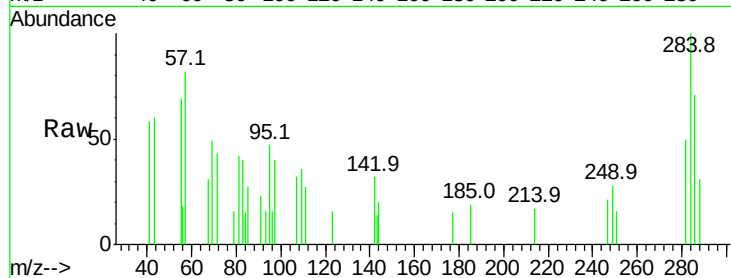
284 100

142 32.1 35.8 53.8#

249 28.1 25.8 38.6

sohil

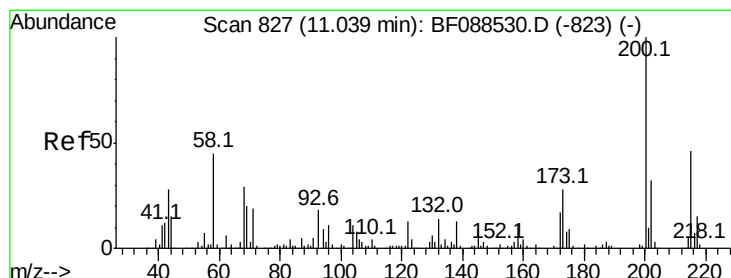
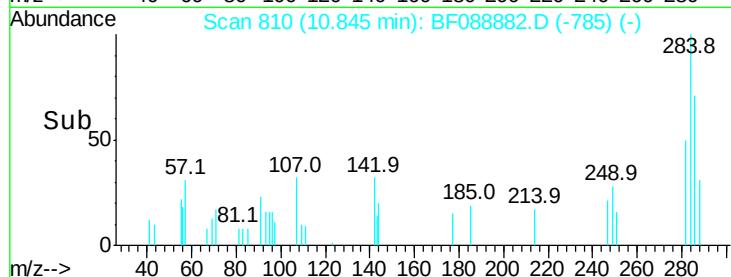
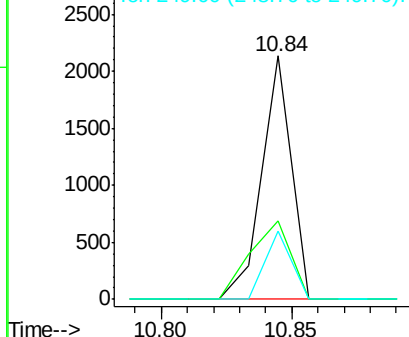
7/11/2016 8:07:35 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 0.52 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

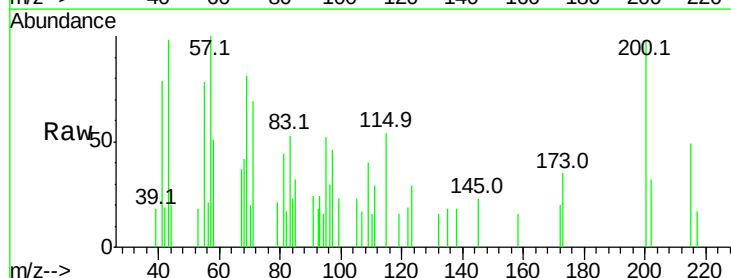
Tgt Ion:200 Resp: 1377

Ion Ratio Lower Upper

200 100

173 35.4 4.0 44.0

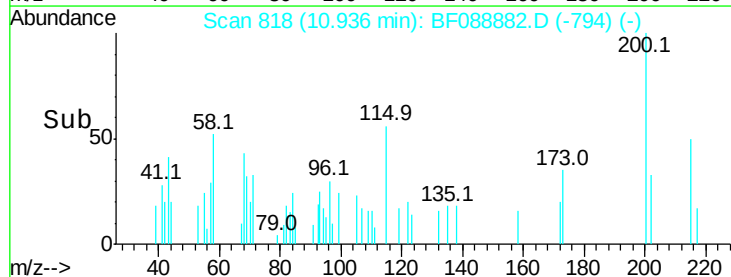
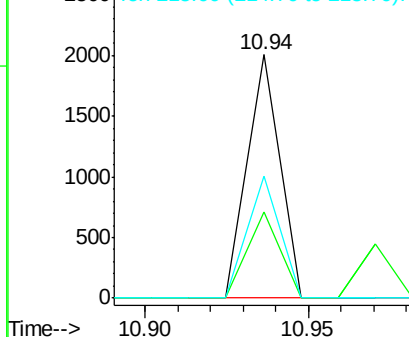
215 50.1 29.3 69.3

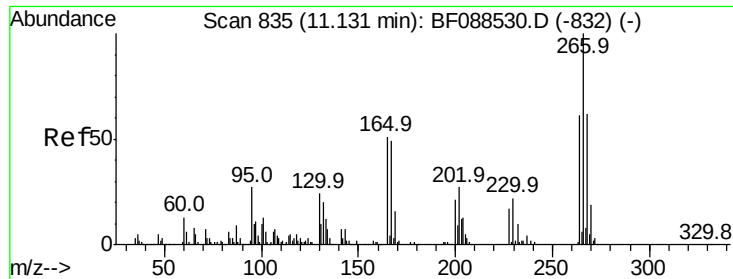


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



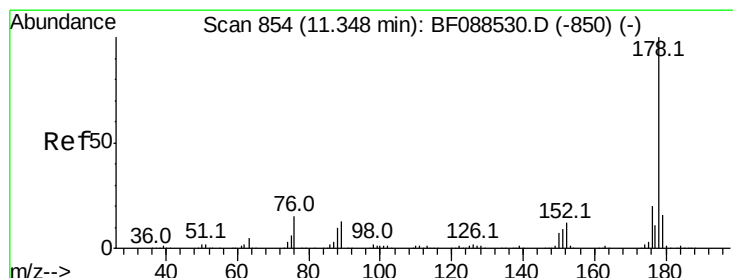
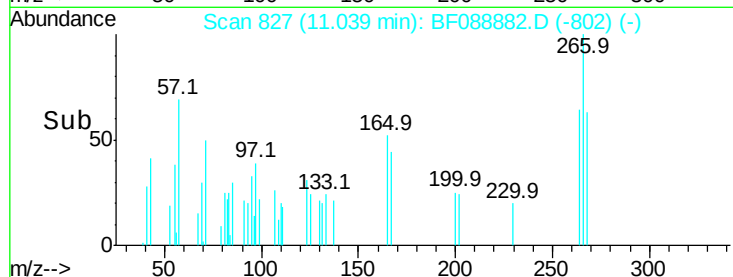
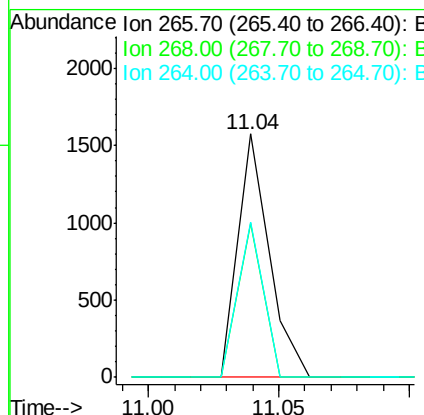
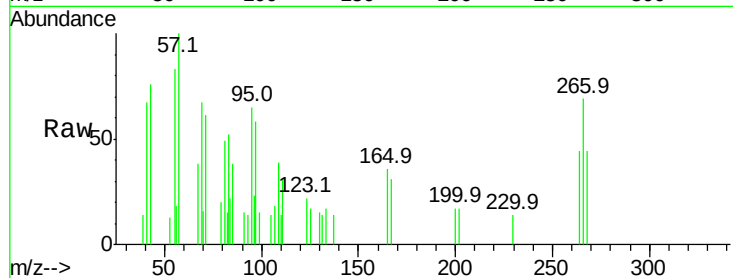


#69
 Pentachlorophenol
 Concen: 0.80 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MSD

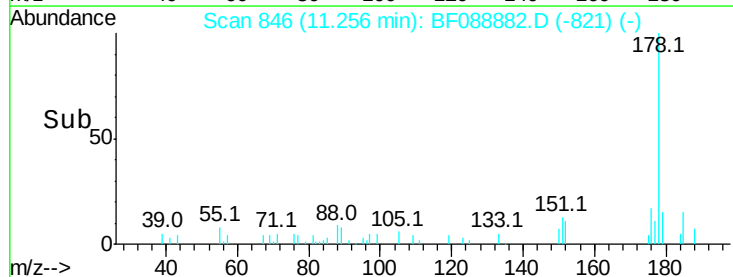
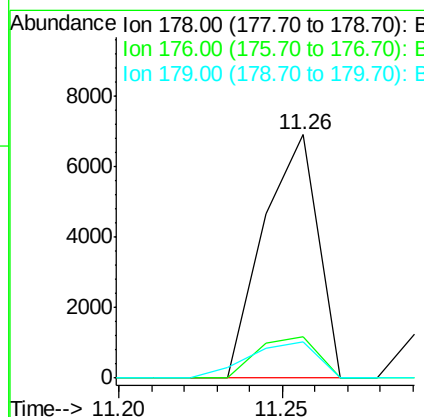
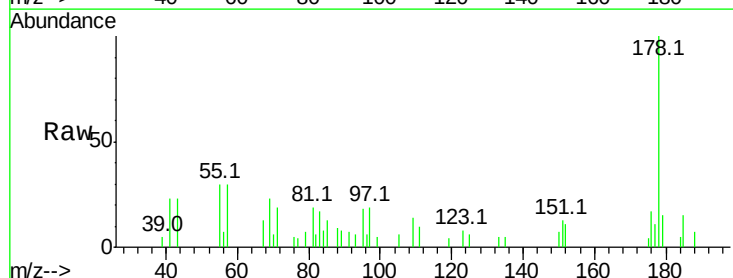
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.8	79.2
264	63.8	49.6	74.4

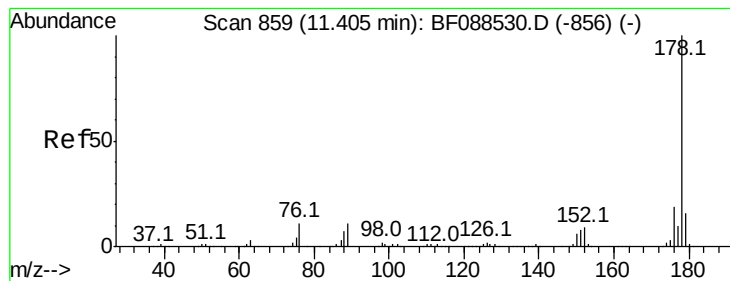
sohil
 7/11/2016 8:07:35 PM



#70
 Phenanthrene
 Concen: 0.58 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF088882.D
 Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.8	23.6
179	14.9	13.0	19.4





#71

Anthracene

Concen: 0.63 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088882.D

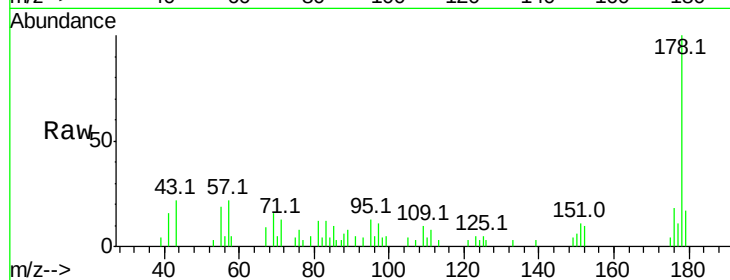
Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD



Tot Ion:178 Resp: 8641

Ion Ratio Lower Upper

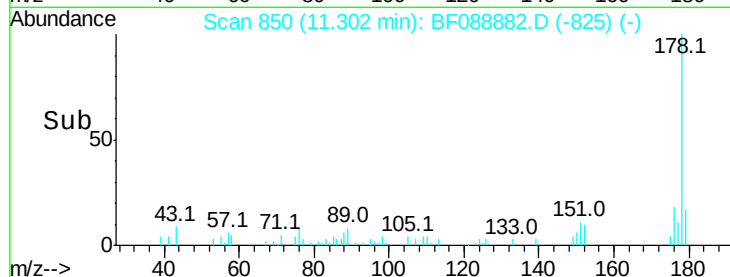
178 100

176 18.3 15.6 23.4

179 17.5 12.8 19.2

sohil

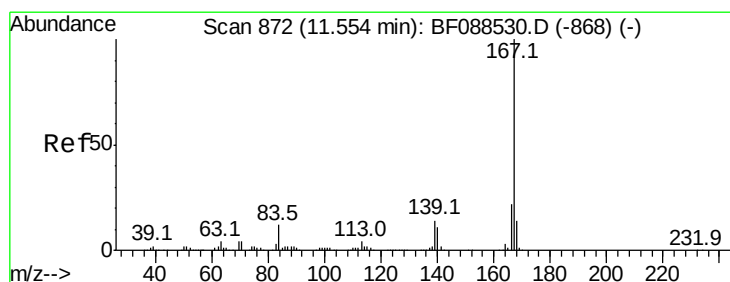
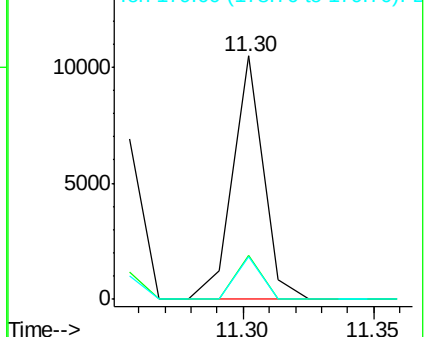
7/11/2016 8:07:35 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.55 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

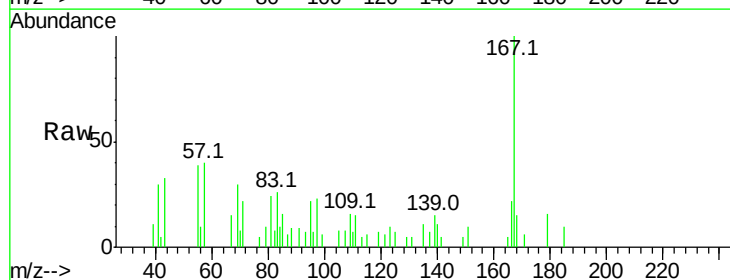
Tgt Ion:167 Resp: 7096

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

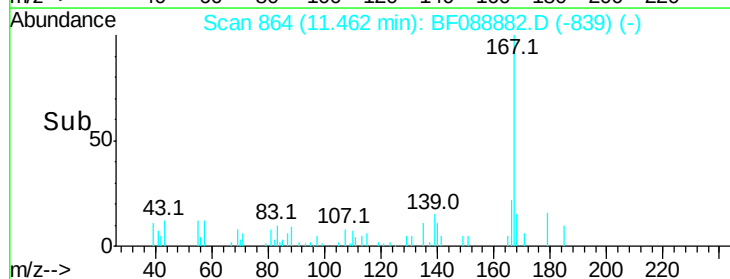
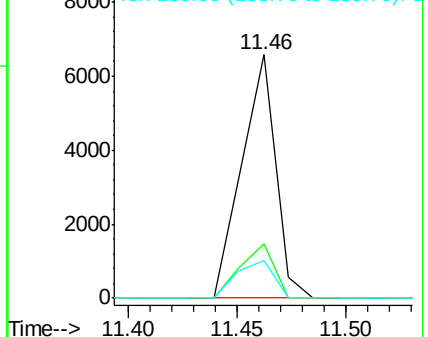
139 15.3 11.2 16.8

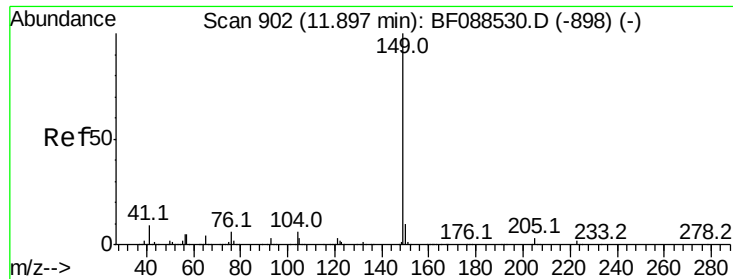


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



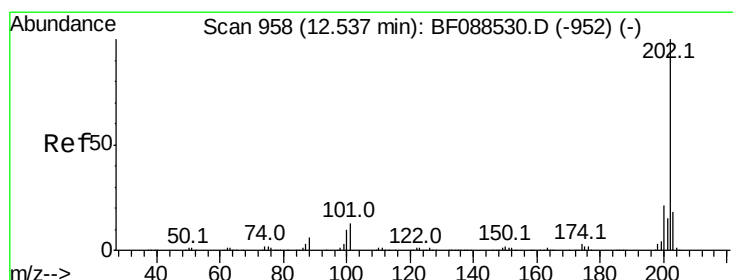
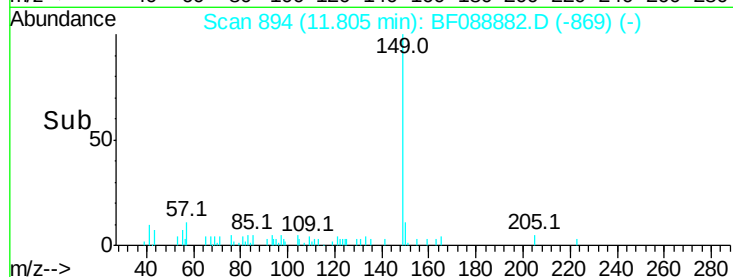
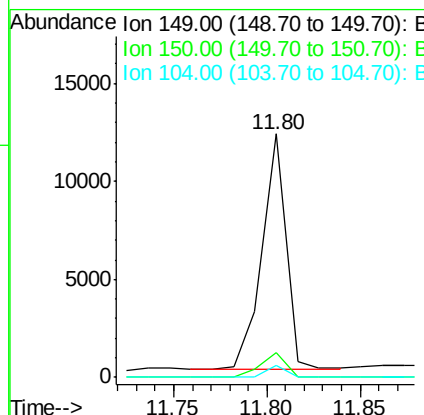
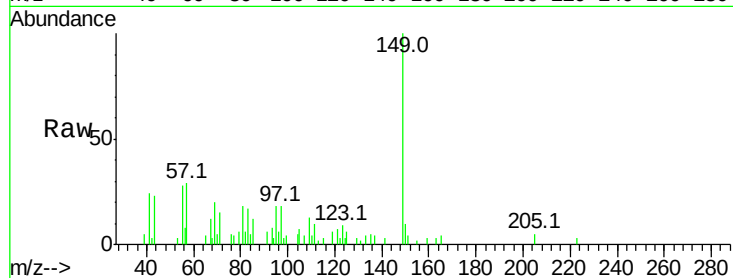


#73
Di-n-butylphthalate
Concen: 0.72 ng
RT: 11.80 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

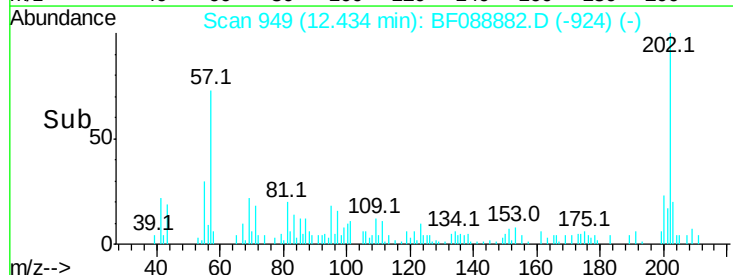
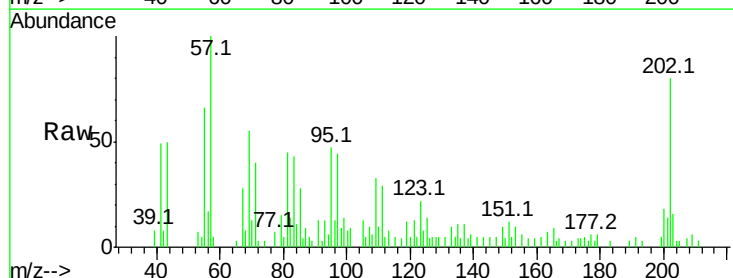
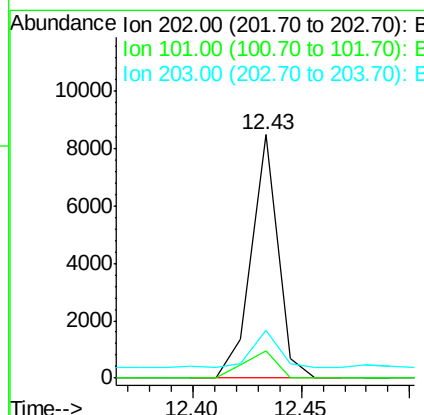
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	4.9	4.0	6.0

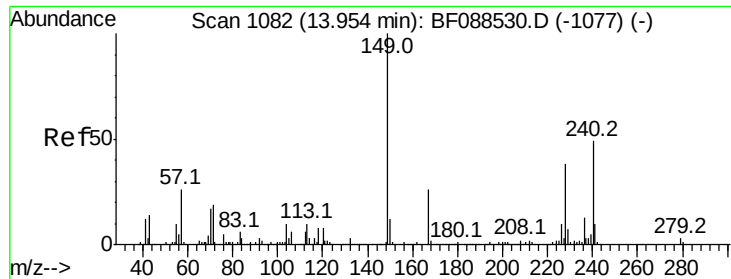
sohil
7/11/2016 8:07:35 PM



#74
Fluoranthene
Concen: 0.52 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.1
203	19.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:240 Resp: 134784

Ion Ratio Lower Upper

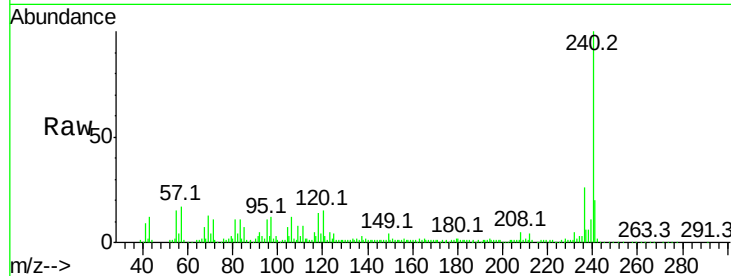
240 100

120 15.2 6.8 10.2#

236 26.0 20.2 30.2

sohil

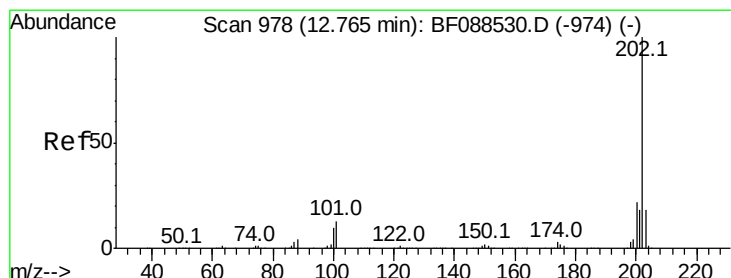
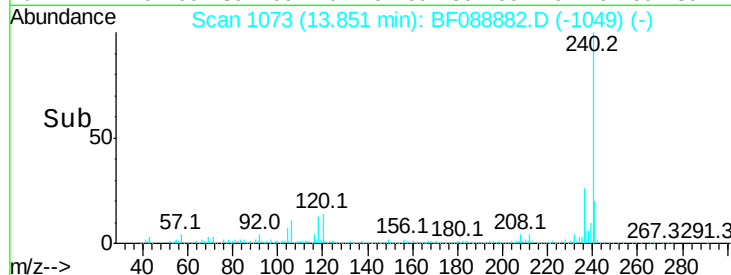
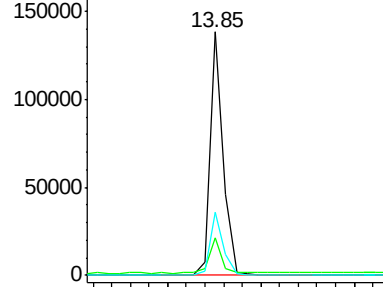
7/11/2016 8:07:35 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.61 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

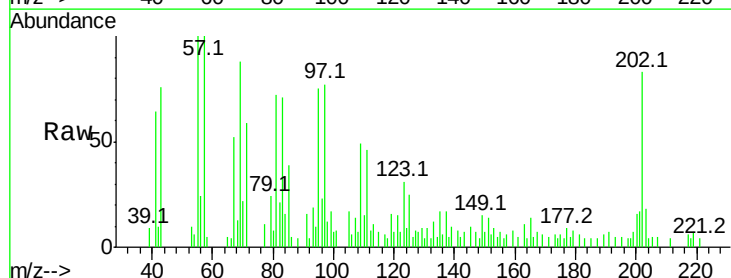
Tgt Ion:202 Resp: 6990

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

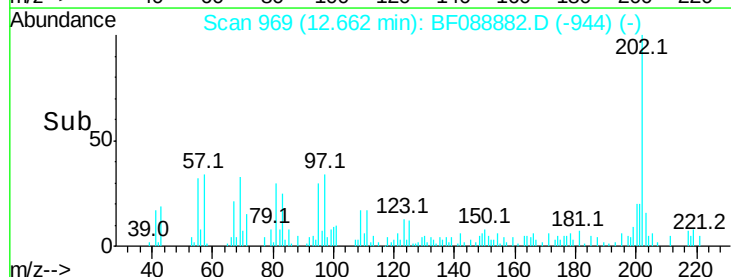
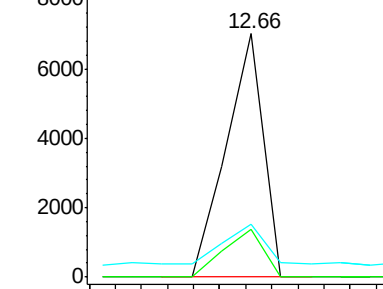
203 21.5 14.5 21.7

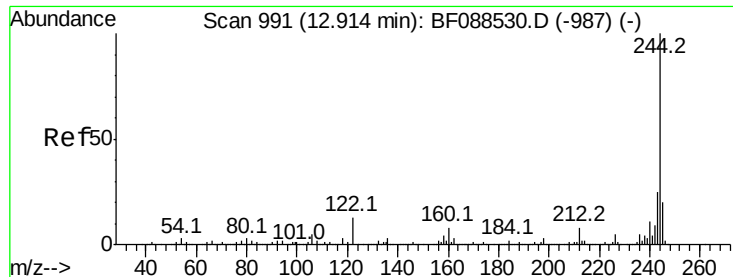


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.81 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:244 Resp: 17013

Ion Ratio Lower Upper

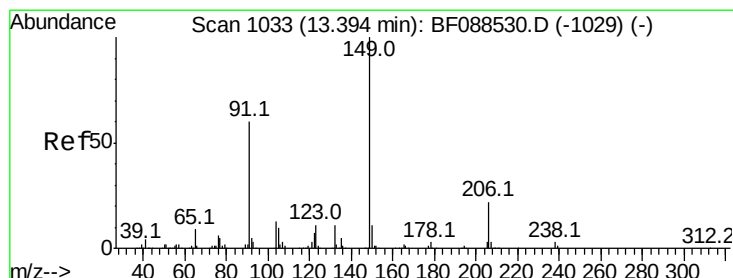
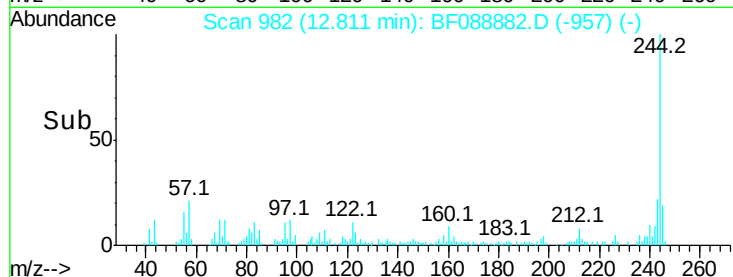
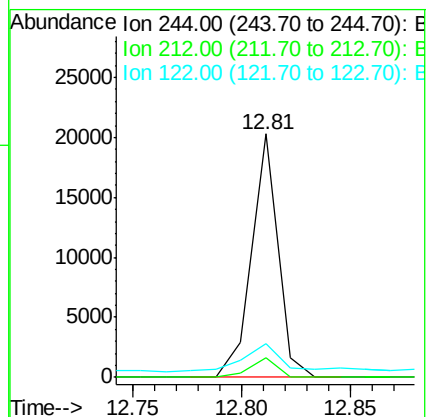
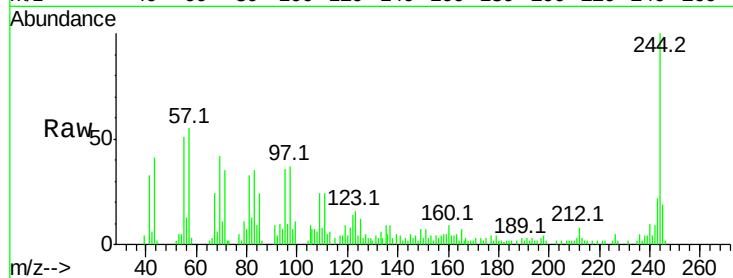
244 100

212 7.9 6.0 9.0

122 13.7 11.2 16.8

sohil

7/11/2016 8:07:35 PM



#79

Butylbenzylphthalate

Concen: 0.58 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

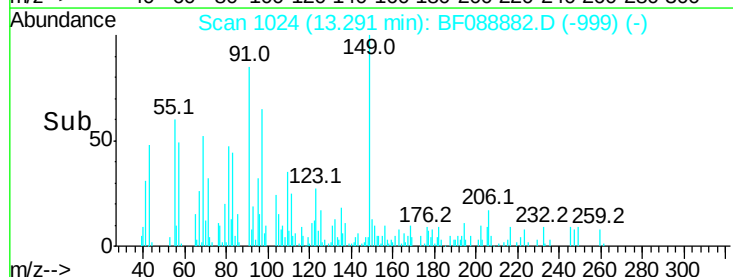
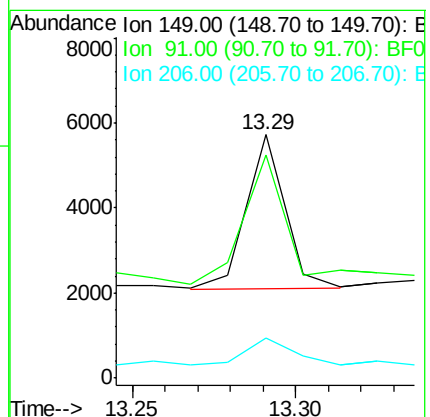
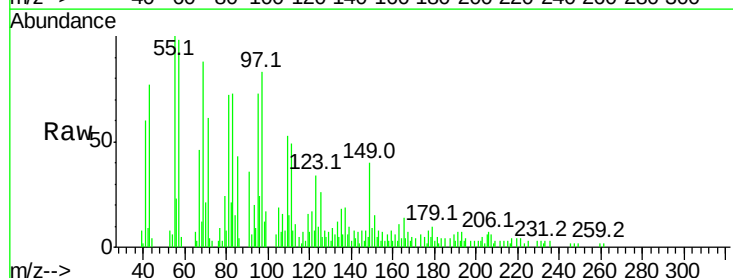
Tgt Ion:149 Resp: 2960

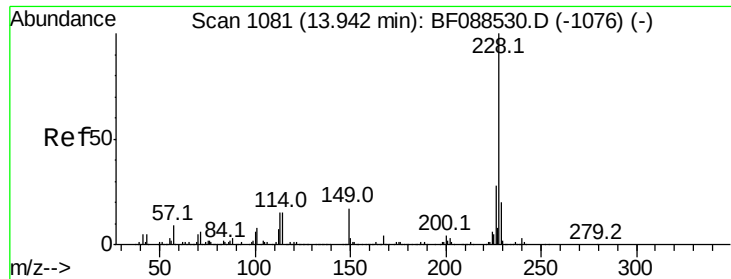
Ion Ratio Lower Upper

149 100

91 91.6 48.0 72.0#

206 16.5 16.0 24.0



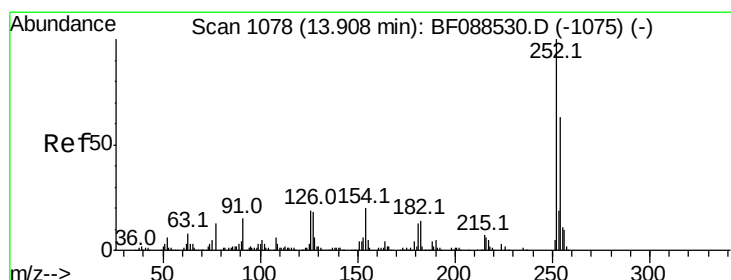
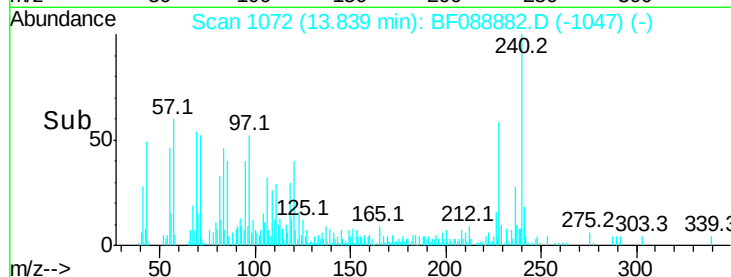
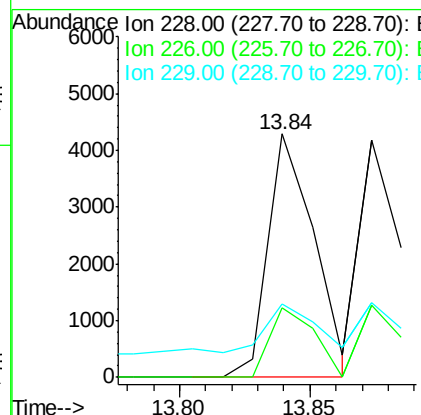
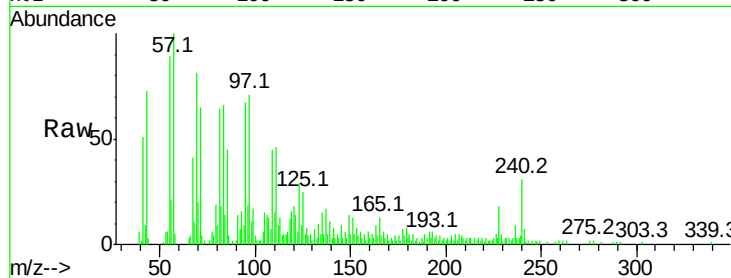


#80
Benzo(a)anthracene
Concen: 0.61 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

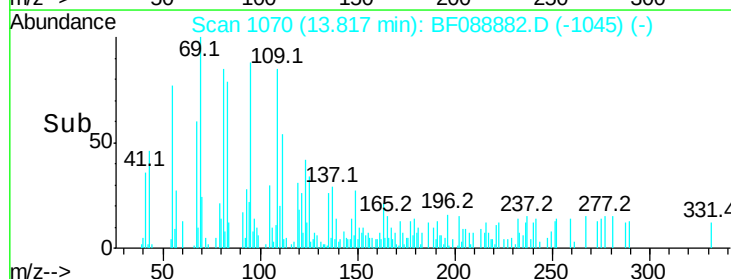
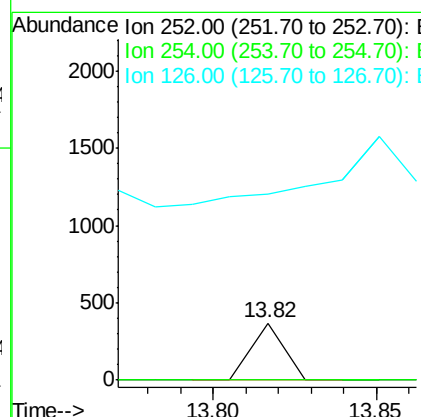
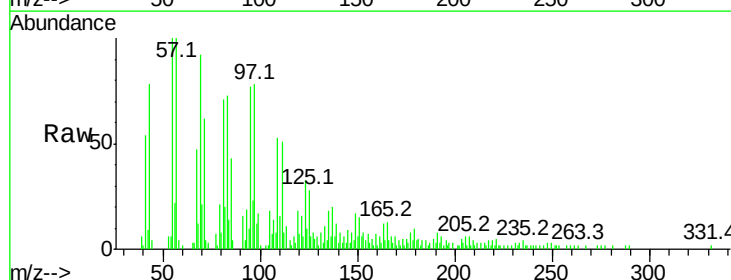
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	30.2	16.0	24.0

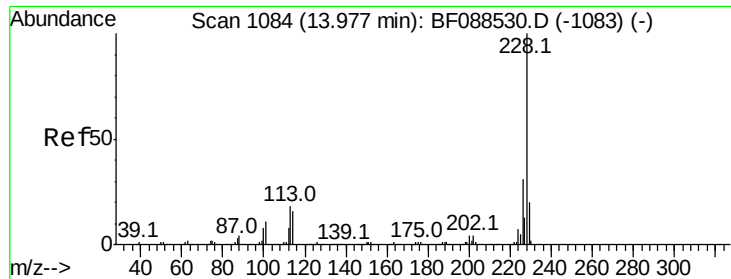
sohil
7/11/2016 8:07:35 PM



#81
3,3'-Dichlorobenzidine
Concen: 0.08 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.6	78.8
126	324.0	6.2	9.2





#82

Chrysene

Concen: 0.52 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MSD

Tot Ion:228 Resp: 4431

Ion Ratio Lower Upper

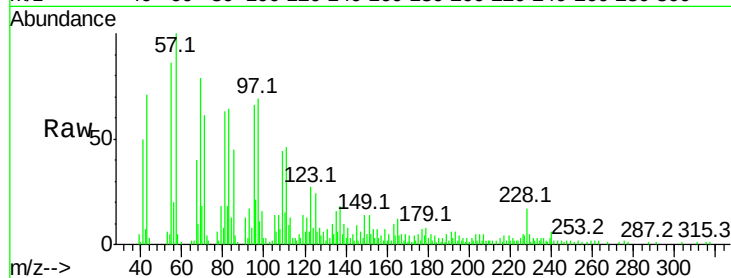
228 100

226 30.5 25.4 38.2

229 31.3 16.3 24.5#

sohil

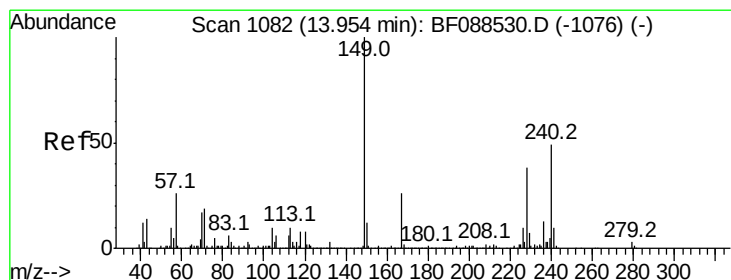
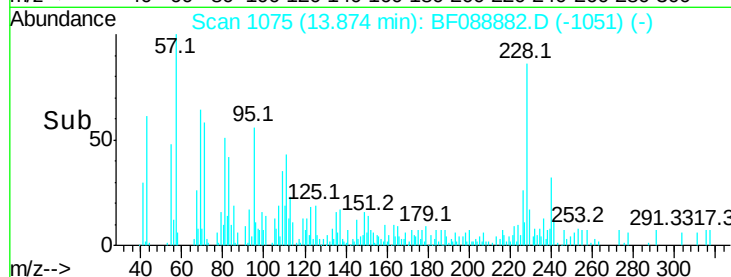
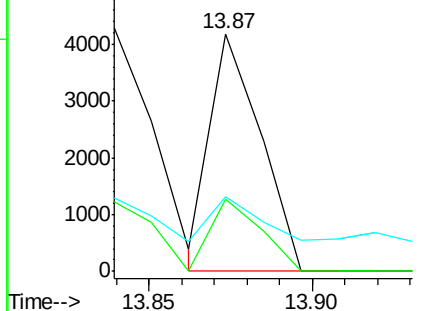
7/11/2016 8:07:35 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.05 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF088882.D

Acq: 9 Jul 2016 20:32

Tgt Ion:149 Resp: 6111

Ion Ratio Lower Upper

149 100

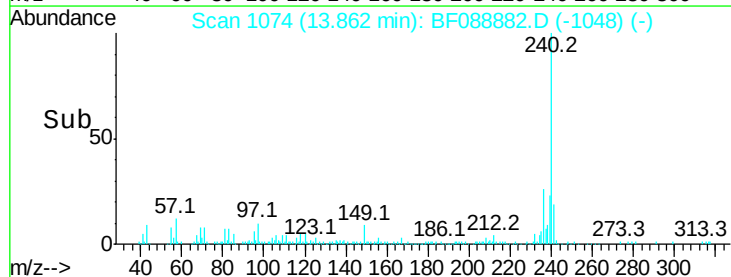
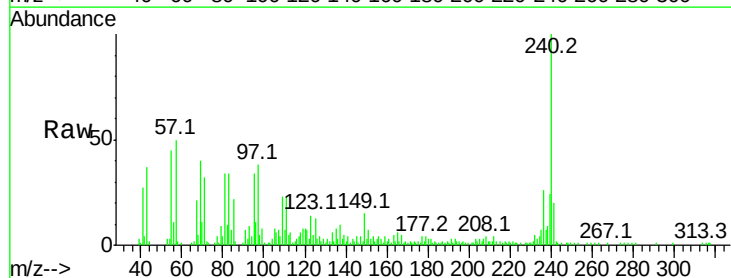
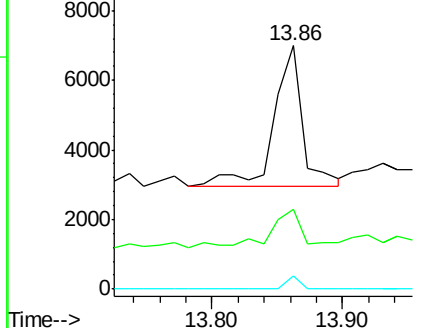
167 32.5 20.5 30.7#

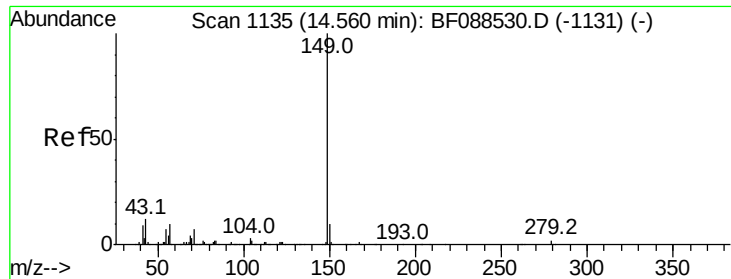
279 5.3 2.0 3.0#

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



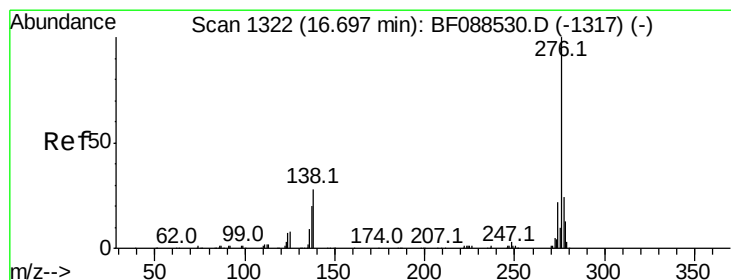
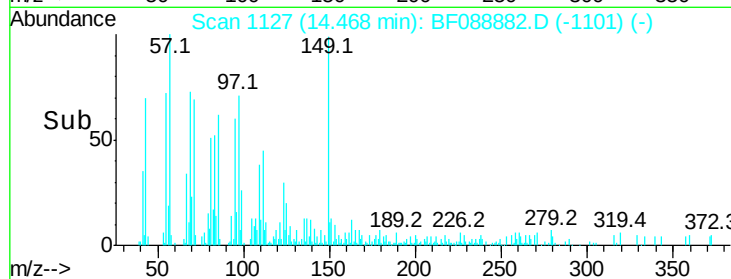
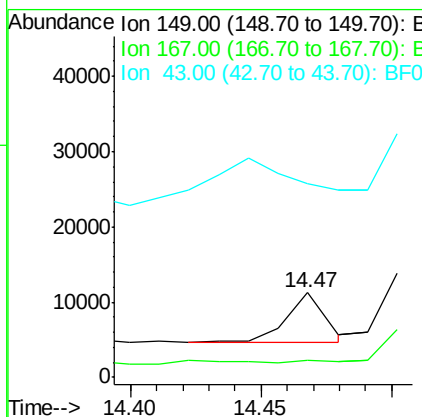
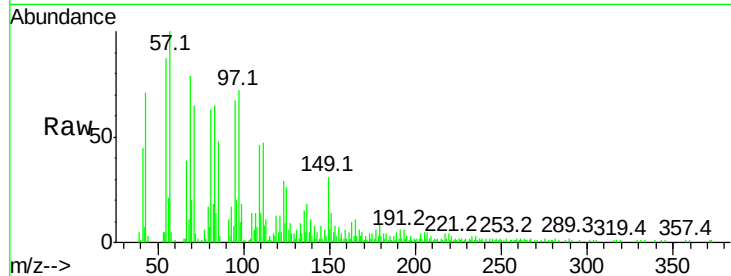


#84
Di-n-octyl phthalate
Concen: 0.67 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

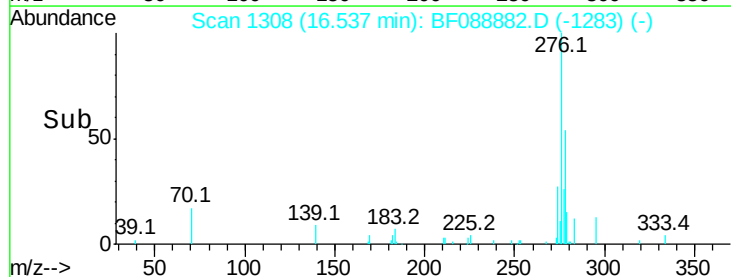
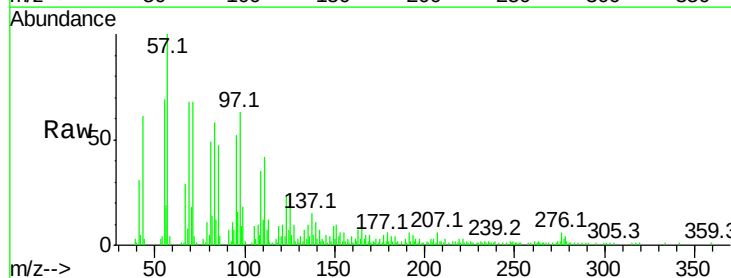
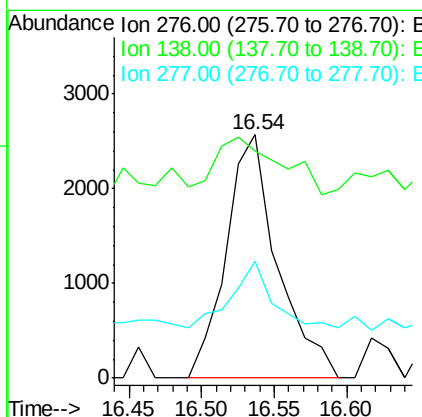
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

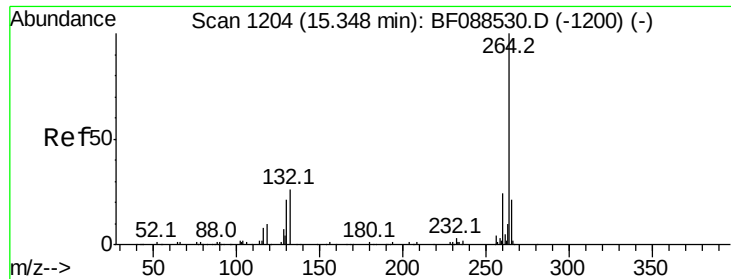
sohil
7/11/2016 8:07:35 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.95 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	0.0	0.0#
277	21.1	0.0	0.0#



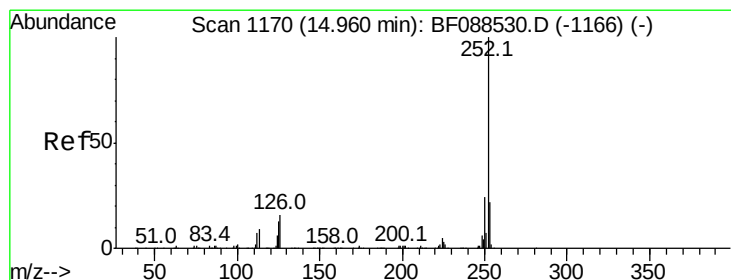
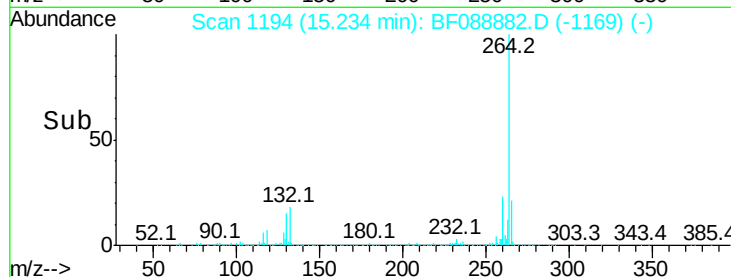
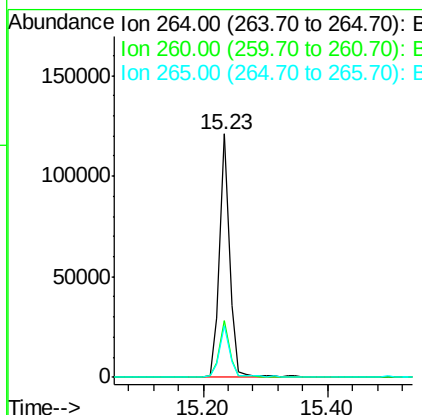
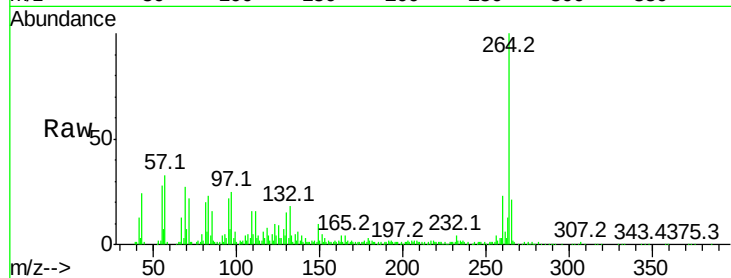


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

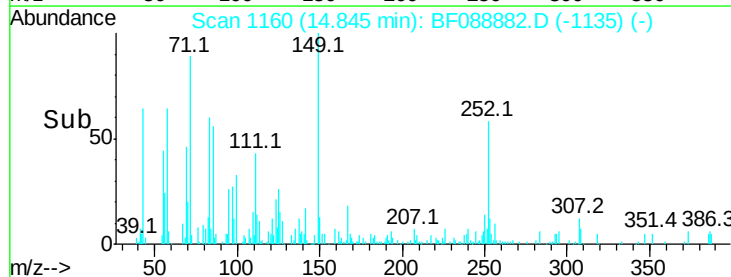
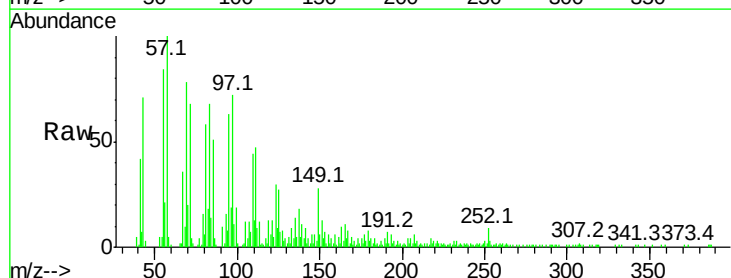
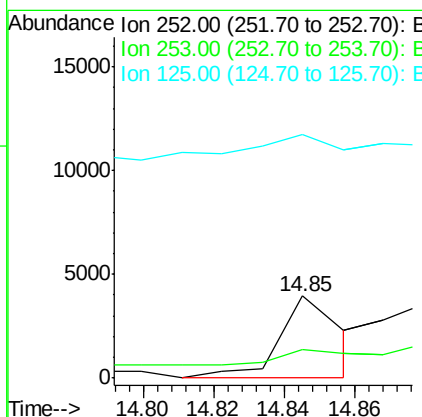
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	16.9	25.3

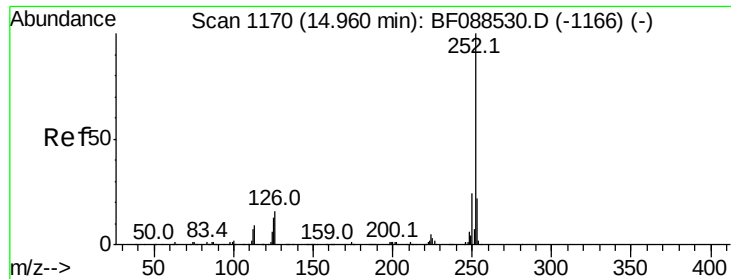
sohil
7/11/2016 8:07:35 PM



#87
Benzo(b)fluoranthene
Concen: 0.58 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.4	26.2#
125	297.5	7.1	10.7#



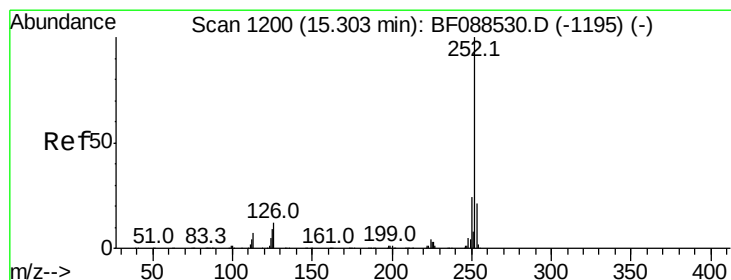
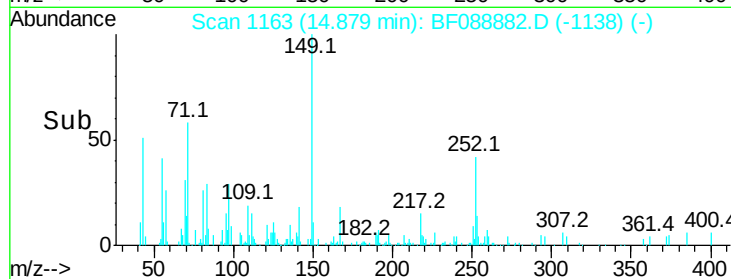
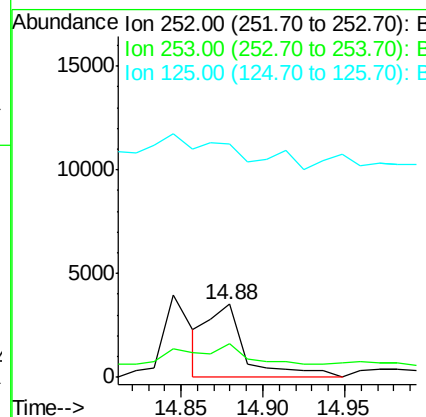
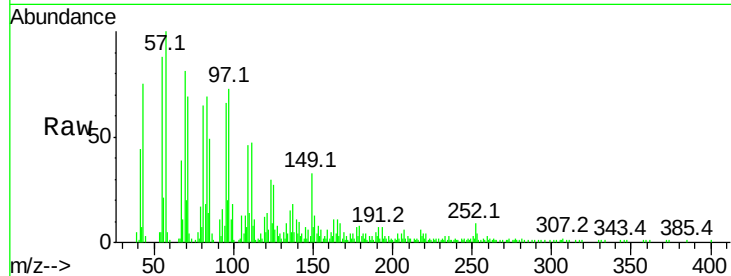


#88
Benzo(k)fluoranthene
Concen: 0.80 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

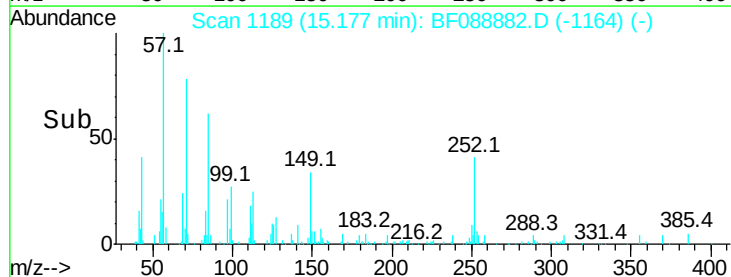
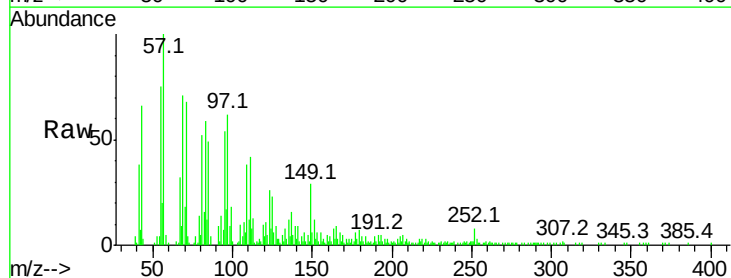
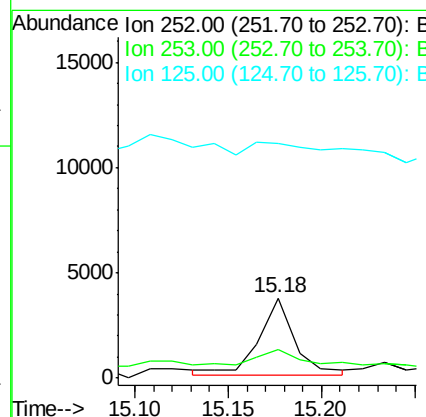
Tot Ion	Ratio	Lower	Upper
252	100		
253	46.0	18.0	27.0#
125	319.5	11.2	16.8#

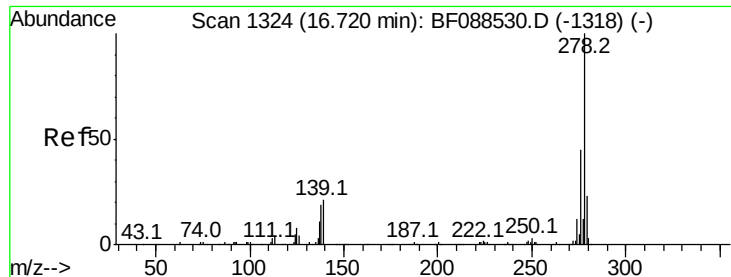
sohil
7/11/2016 8:07:35 PM



#89
Benzo(a)pyrene
Concen: 0.70 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.8	17.9	26.9#
125	292.5	12.5	18.7#



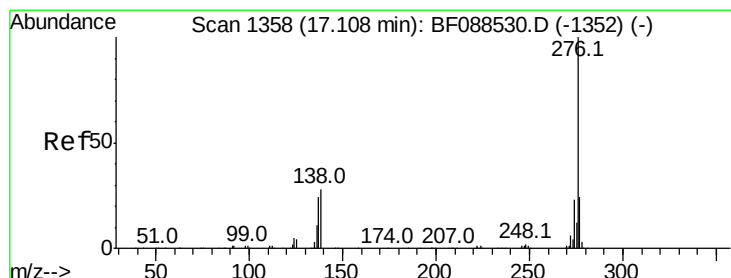
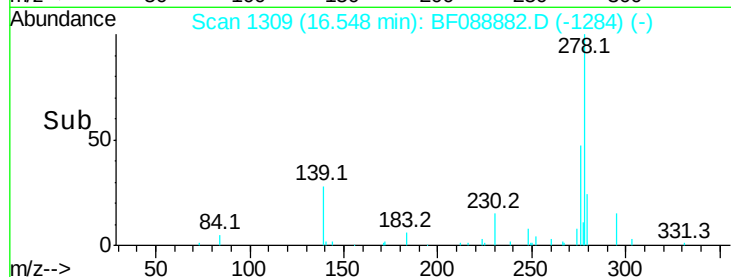
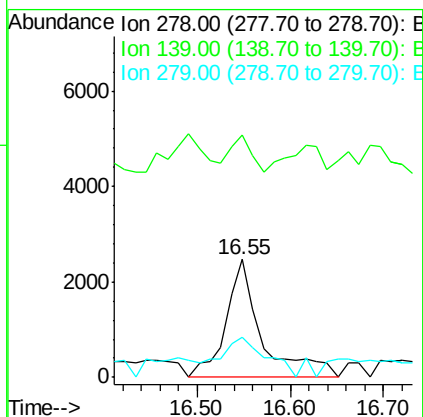
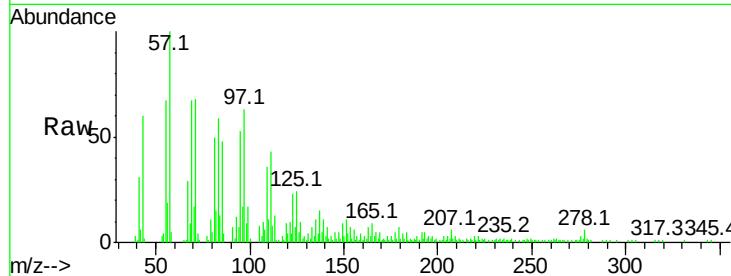


#90
Dibenzo(a,h)anthracene
Concen: 1.13 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

Tot Ion:278 Resp: 6630
Ion Ratio Lower Upper
278 100
139 205.4 15.7 23.5#
279 33.6 19.4 29.2#

sohil
7/11/2016 8:07:35 PM



#91
Benzo(g,h,i)perylene
Concen: 1.16 ng
RT: 16.91 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF088882.D
Acq: 9 Jul 2016 20:32

Tgt Ion:276 Resp: 7050
Ion Ratio Lower Upper
276 100
277 34.9 18.9 28.3#
138 77.3 21.4 32.2#

