

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088508.D
 Acq On : 29 Jun 2016 22:59
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Quant Time: Jun 30 02:25:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159793	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	671186	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	310745	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	540964	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290091	20.00	ng	0.00
86) Perylene-d12	15.36	264	316367	20.00	ng	0.00

sohil

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1120413	108.58	ng	0.01
7) Phenol-d6	6.46	99	1534906	116.33	ng	0.00
23) Nitrobenzene-d5	7.39	82	1081216	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	305981	128.43	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1541556	77.57	ng	0.00
78) Terphenyl-d14	12.91	244	1155189	80.20	ng	0.00

6/30/2016 7:46:30 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	176665	33.53	ng	# 25
3) Pyridine	3.20	79	525383	34.25	ng	100
4) n-Nitrosodimethylamine	3.15	42	251401	41.65	ng	99
6) Aniline	6.49	93	453976	23.56	ng	95
8) 2-Chlorophenol	6.60	128	443082	39.12	ng	94
10) Phenol	6.47	94	487851	33.08	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	448126	37.50	ng	98
12) 1,3-Dichlorobenzene	6.76	146	483939	40.54	ng	99
13) 1,4-Dichlorobenzene	6.84	146	491943	40.43	ng	99
14) 1,2-Dichlorobenzene	6.99	146	434523	42.93	ng	99
15) Benzyl Alcohol	6.97	79	430623	39.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	675336	38.89	ng	99
17) 2-Methylphenol	7.08	107	428842	44.50	ng	97
18) Hexachloroethane	7.34	117	182009	38.84	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	349634	38.93	ng	100
20) 3+4-Methylphenols	7.23	107	439730	41.31	ng	99
22) Acetophenone	7.23	105	649402	40.19	ng	# 99
24) Nitrobenzene	7.40	77	496503	36.22	ng	98
25) Isophorone	7.64	82	1002583	38.83	ng	94
26) 2-Nitrophenol	7.72	139	223282	50.05	ng	99
27) 2,4-Dimethylphenol	7.77	122	471037	40.63	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	612435	38.48	ng	99
29) 2,4-Dichlorophenol	7.96	162	380580	40.75	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	401448	39.09	ng	# 95
31) Naphthalene	8.12	128	1326104	38.95	ng	98
32) Benzoic acid	7.88	122	182821	37.67	ng	97
33) 4-Chloroaniline	8.17	127	205232	13.51	ng	# 89
34) Hexachlorobutadiene	8.25	225	199357	41.50	ng	98
35) Caprolactam	8.55	113	127815m	44.77	ng	
36) 4-Chloro-3-methylphenol	8.66	107	425521	41.01	ng	87
37) 2-Methylnaphthalene	8.82	142	885182	42.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318287	38.03	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	381334	76.66	ng	99
42) 2,4,6-Trichlorophenol	9.10	196	279775	45.11	ng	98

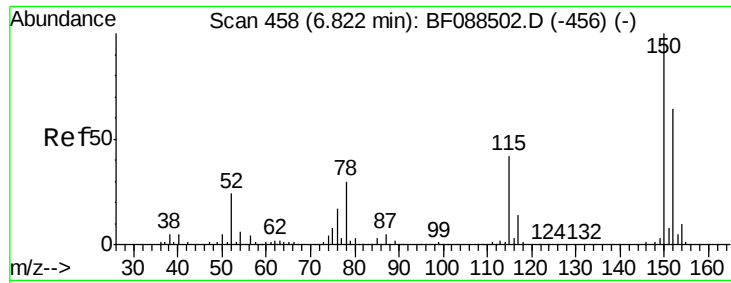
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088508.D
 Acq On : 29 Jun 2016 22:59
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Quant Time: Jun 30 02:25:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	213518	34.46	nq	97
45) 1,1'-Biphenyl	9.29	154	1016937	41.59	nq	93
46) 2-Chloronaphthalene	9.30	162	764074	39.14	nq	100
47) 2-Nitroaniline	9.39	65	252798	42.84	nq	99
48) Acenaphthylene	9.72	152	1295924	39.51	nq	99
49) Dimethylphthalate	9.59	163	836154	39.30	nq	100
50) 2,6-Dinitrotoluene	9.64	165	213407	45.69	nq	97
51) Acenaphthene	9.90	154	819240	42.43	nq	98
52) 3-Nitroaniline	9.80	138	118665	22.34	nq	94
53) 2,4-Dinitrophenol	9.91	184	104760	140.78	nq	# 83
54) Dibenzofuran	10.07	168	1164877	40.87	nq	95
55) 4-Nitrophenol	9.96	139	293318	80.61	nq	94
56) 2,4-Dinitrotoluene	10.04	165	264936	45.36	nq	# 73
57) Fluorene	10.41	166	795519	43.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	194640	41.75	nq	98
59) Diethylphthalate	10.28	149	881045	39.64	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	332515	38.28	nq	98
61) 4-Nitroaniline	10.42	138	196149	43.58	nq	84
62) Azobenzene	10.56	77	1130407	39.10	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	79238	47.52	nq	82
65) n-Nitrosodiphenylamine	10.51	169	725430	37.45	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	237814	40.64	nq	100
67) Hexachlorobenzene	10.95	284	223137	37.50	nq	98
68) Atrazine	11.05	200	240423	42.96	nq	93
69) Pentachlorophenol	11.14	266	245324	79.27	nq	98
70) Phenanthrene	11.36	178	1073606	38.24	nq	100
71) Anthracene	11.42	178	1226260	41.65	nq	100
72) Carbazole	11.57	167	1076641	42.62	nq	100
73) Di-n-butylphthalate	11.91	149	1347209	41.54	nq	100
74) Fluoranthene	12.54	202	1048899	41.02	nq	99
76) Benzidine	12.66	184	314294	34.79	nq	99
77) Pyrene	12.77	202	978571	39.11	nq	100
79) Butylbenzylphthalate	13.39	149	438170	41.98	nq	99
80) Benzo(a)anthracene	13.95	228	759023	38.76	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	147751	22.81	nq	99
82) Chrysene	13.99	228	728652	40.09	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	588338	40.52	nq	99
84) Di-n-octyl phthalate	14.57	149	1022103	41.16	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	903951	38.14	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	838409m	45.77	nq	
88) Benzo(k)fluoranthene	14.99	252	609039m	37.13	nq	
89) Benzo(a)pyrene	15.30	252	728945	41.54	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	735956	41.37	nq	97
91) Benzo(g,h,i)perylene	17.13	276	773399	41.49	nq	# 94

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

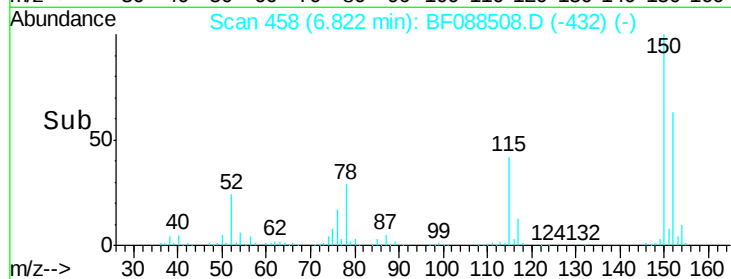
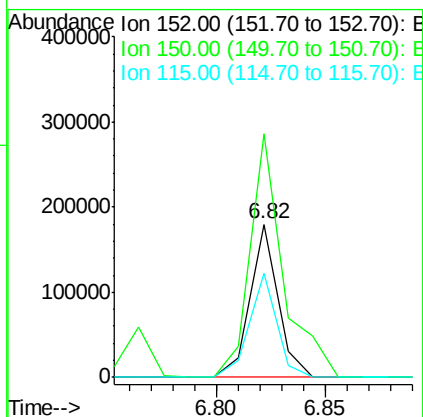
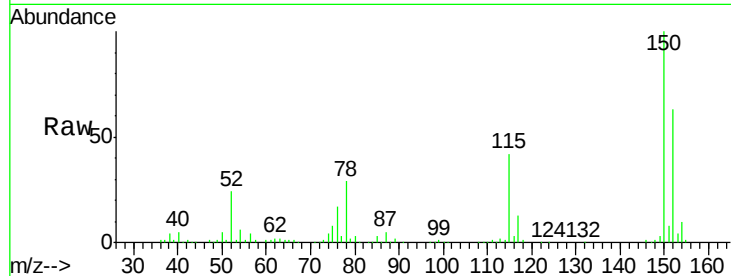


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

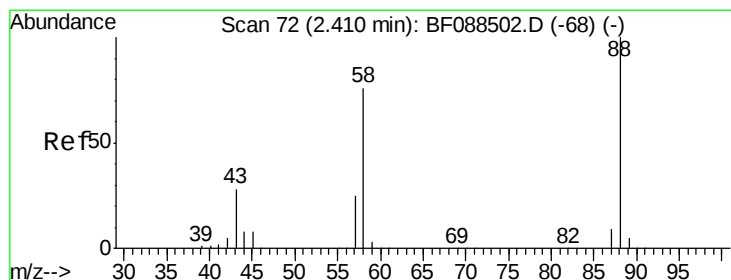
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.5	186.7
115	67.5	52.3	78.5



sohil

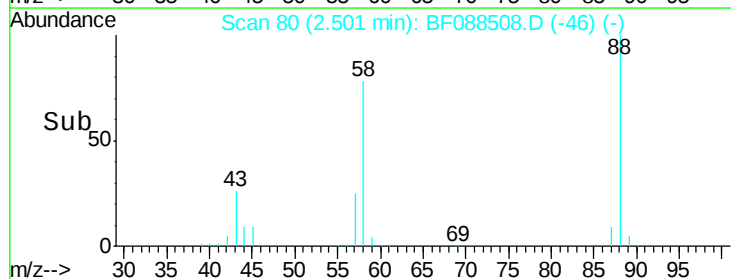
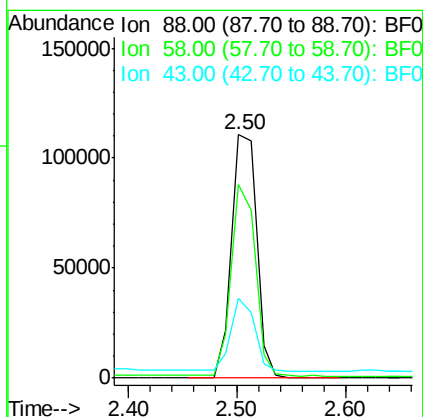
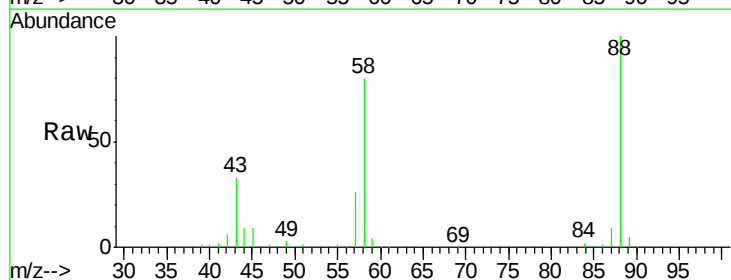
6/30/2016 7:46:30 PM

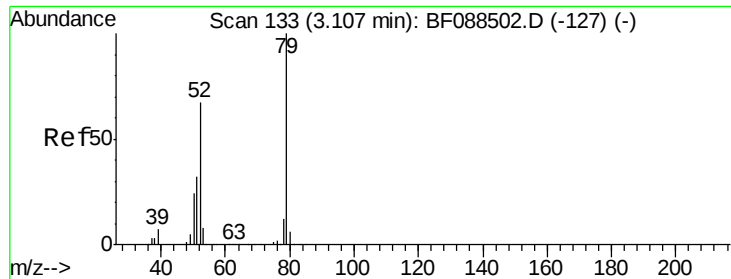


#2

1,4-Dioxane
Concen: 33.53 ng
RT: 2.50 min Scan# 80
Delta R.T. 0.09 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	0.0	0.0#
43	28.6	3.2	4.8#





#3

Pvridine

Concen: 34.25 ng

RT: 3.20 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

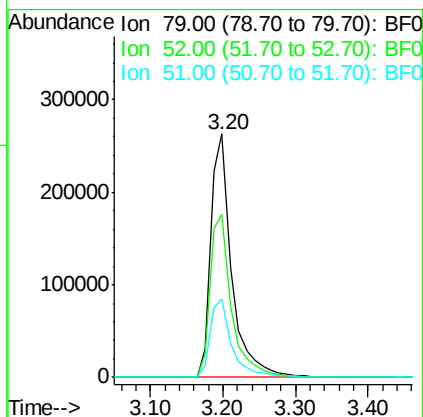
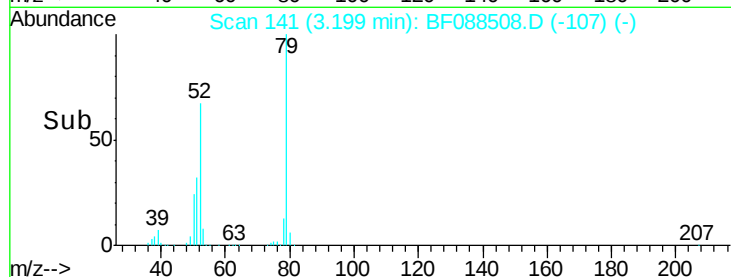
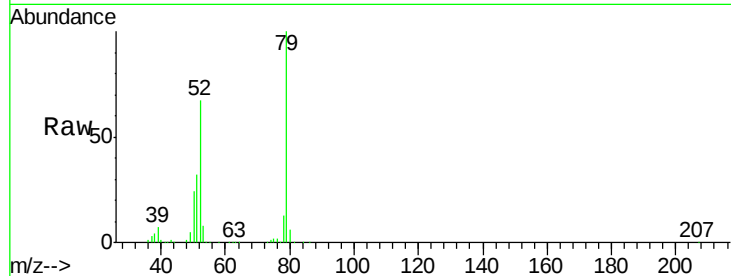
Tot Ion: 79 Resp: 525383

Ion Ratio Lower Upper

79 100

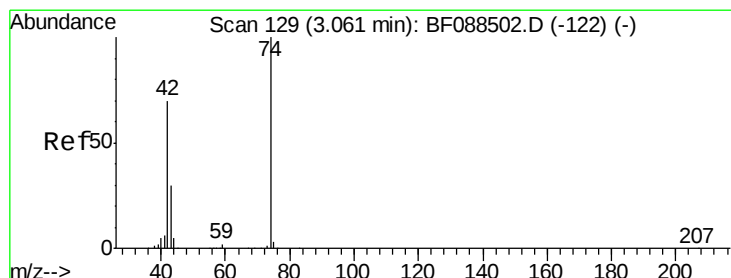
52 67.1 53.4 80.0

51 32.4 25.8 38.6



sohil

6/30/2016 7:46:30 PM



#4

n-Nitrosodimethylamine

Concen: 41.65 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.09 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

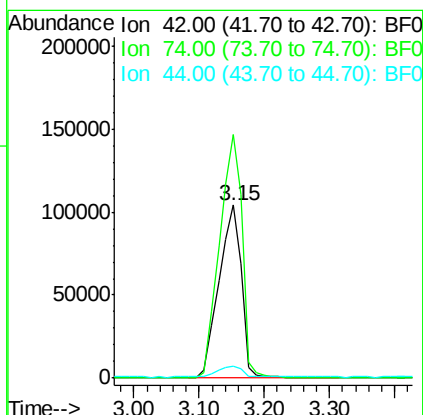
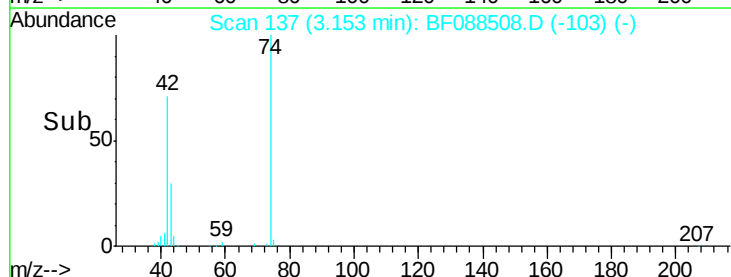
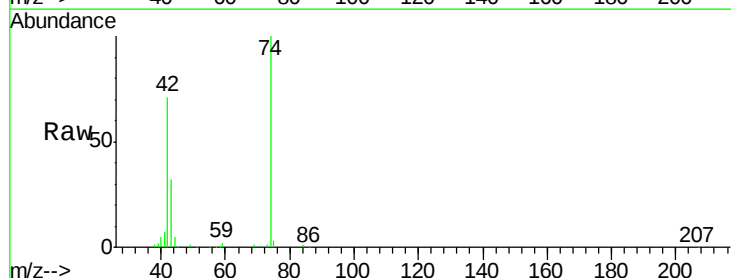
Tgt Ion: 42 Resp: 251401

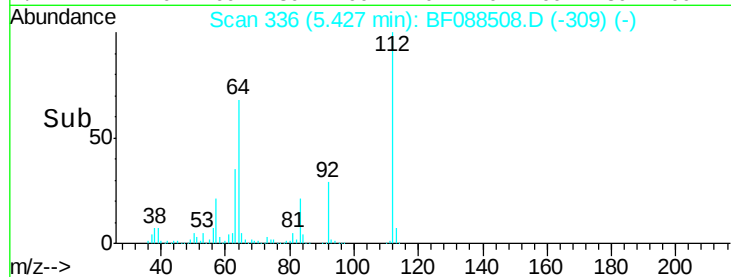
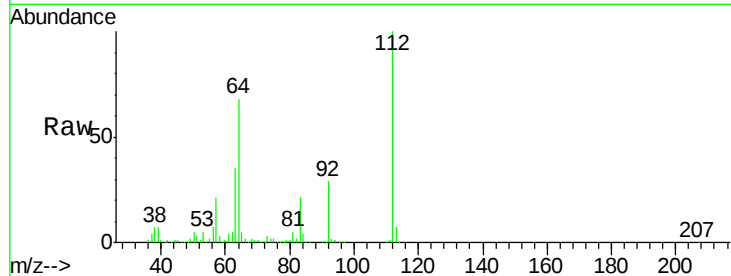
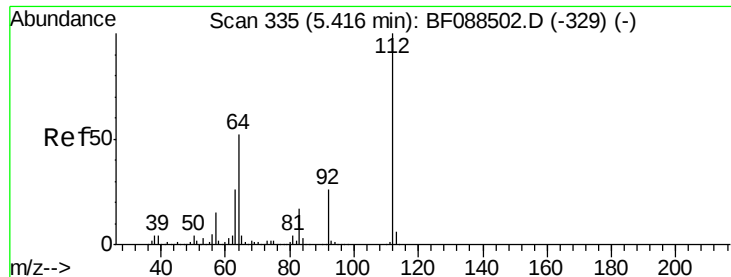
Ion Ratio Lower Upper

42 100

74 140.6 113.7 170.5

44 7.1 6.4 9.6





#5

2-Fluorophenol

Concen: 108.58 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

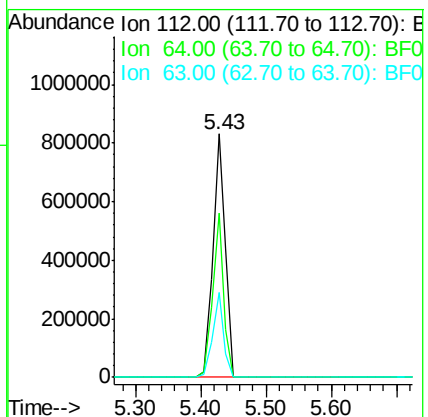
Tot Ion:112 Resp: 1120413

Ion Ratio Lower Upper

112 100

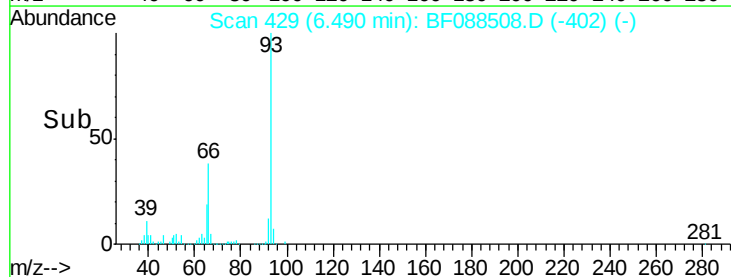
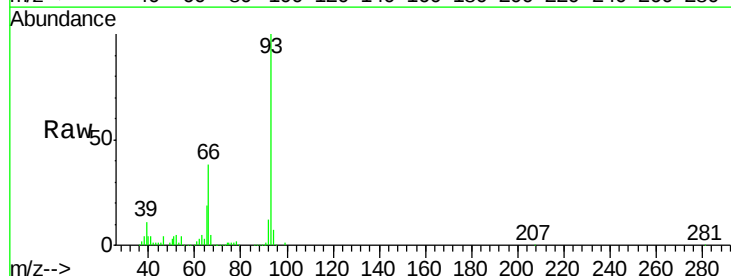
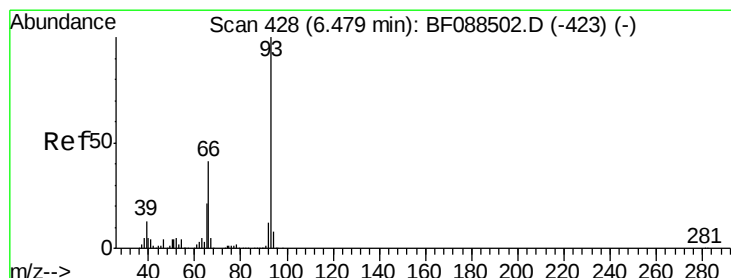
64 67.5 41.5 62.3#

63 34.9 20.6 31.0#



sohil

6/30/2016 7:46:30 PM



#6

Aniline

Concen: 23.56 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

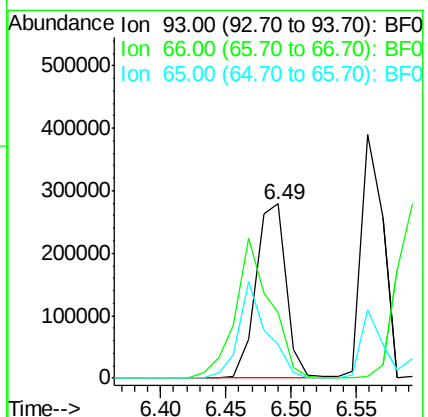
Tgt Ion: 93 Resp: 453976

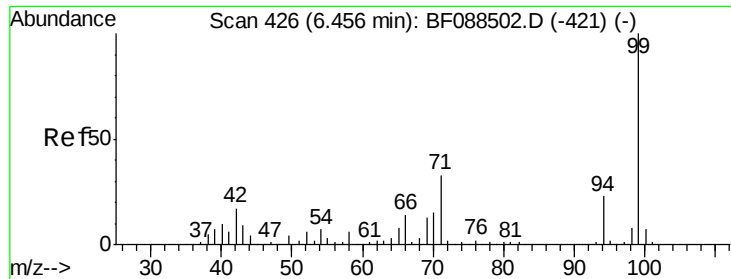
Ion Ratio Lower Upper

93 100

66 37.6 33.0 49.6

65 19.2 16.5 24.7





#7

Phenol-d6

Concen: 116.33 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampled :

PB91573BS

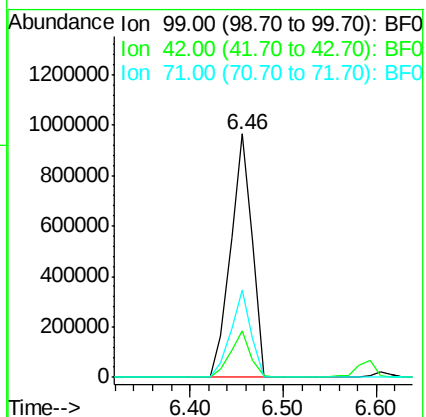
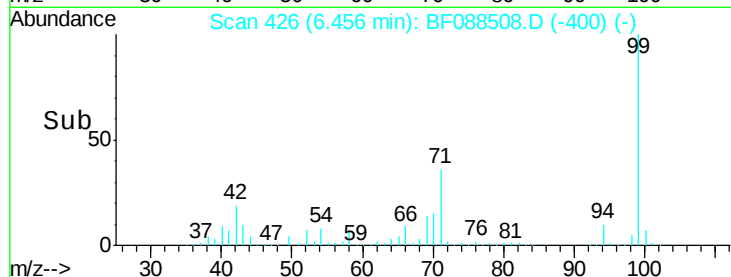
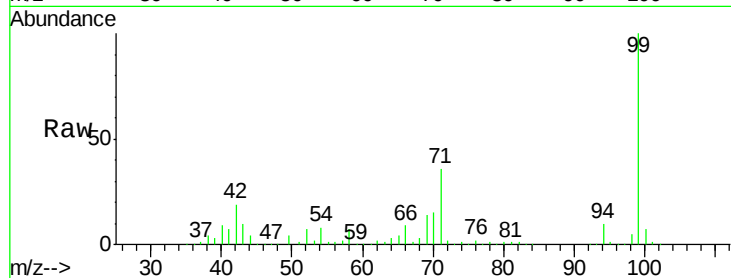
Tot Ion: 99 Resp: 1534906

Ion Ratio Lower Upper

99 100

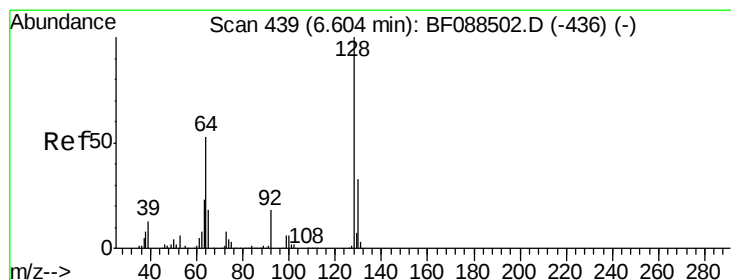
42 19.1 13.4 20.0

71 35.8 26.1 39.1



sohil

6/30/2016 7:46:30 PM



#8

2-Chlorophenol

Concen: 39.12 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

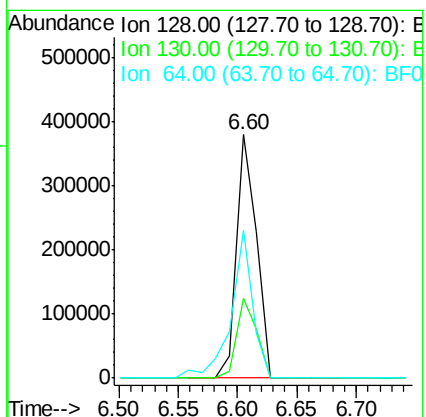
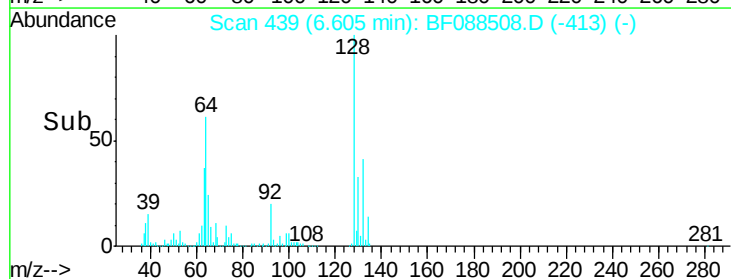
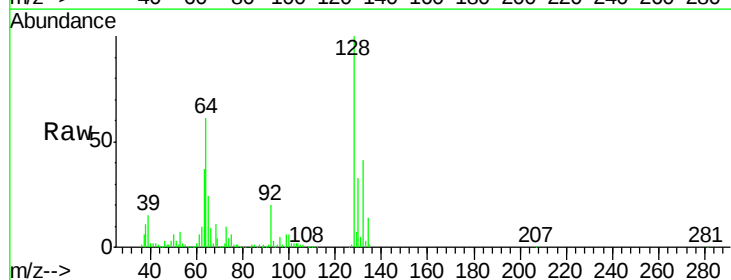
Tgt Ion: 128 Resp: 443082

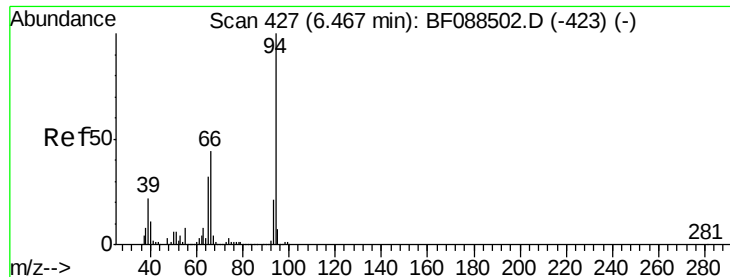
Ion Ratio Lower Upper

128 100

130 33.0 13.2 53.2

64 60.9 34.3 74.3





#10

Phenol

Concen: 33.08 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

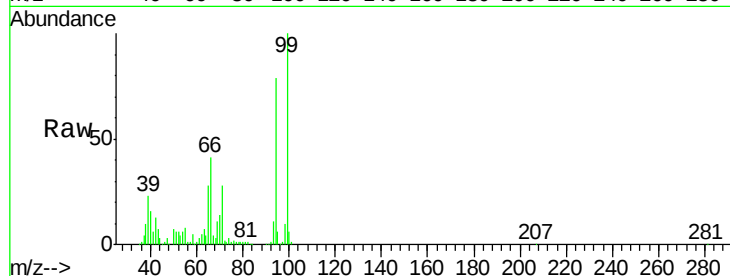
Tot Ion: 94 Resp: 487851

Ion Ratio Lower Upper

94 100

65 35.7 11.6 51.6

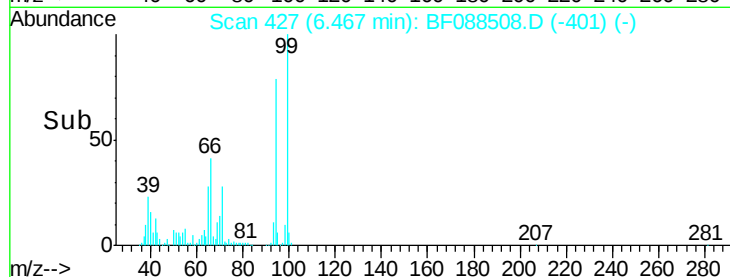
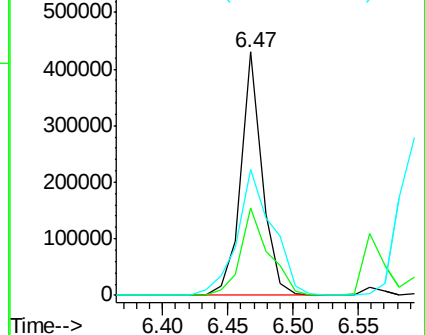
66 51.9 23.8 63.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

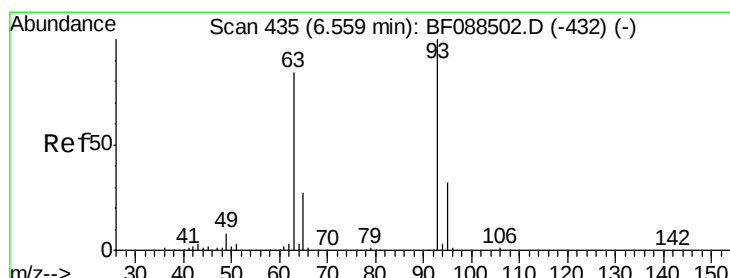
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



sohil

6/30/2016 7:46:30 PM



#11

bis(2-Chloroethyl)ether

Concen: 37.50 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

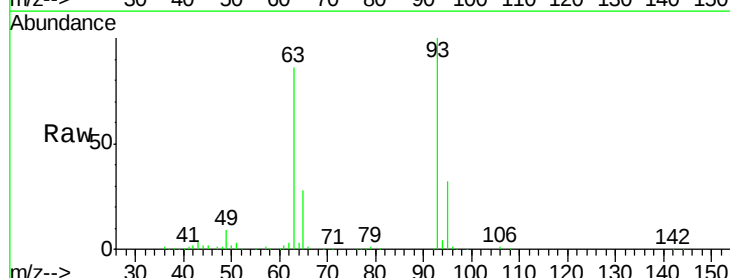
Tgt Ion: 93 Resp: 448126

Ion Ratio Lower Upper

93 100

63 86.2 63.4 103.4

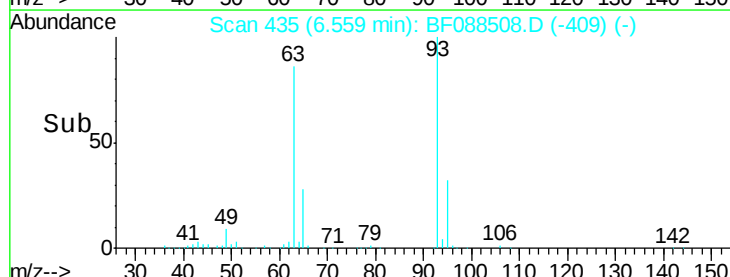
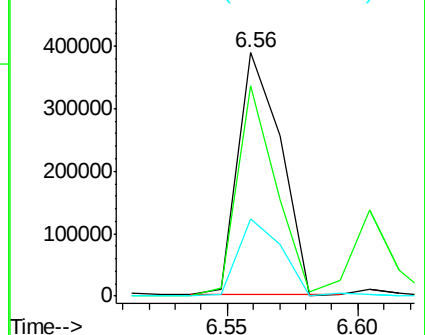
95 31.6 11.7 51.7

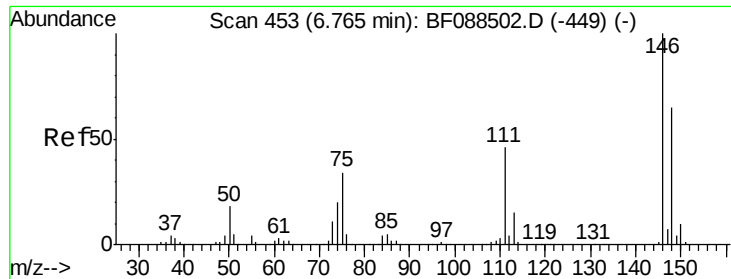


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

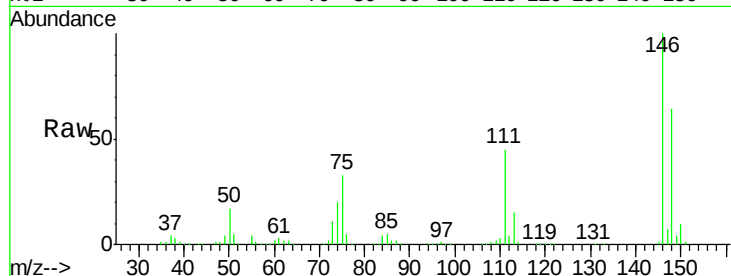




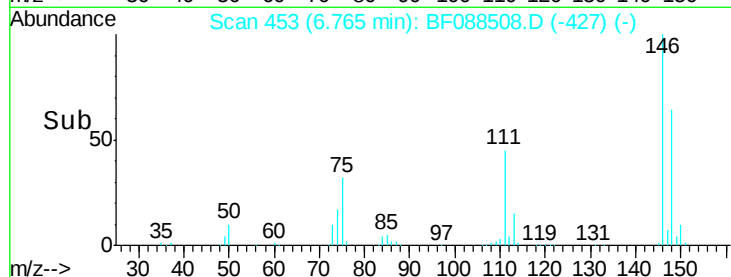
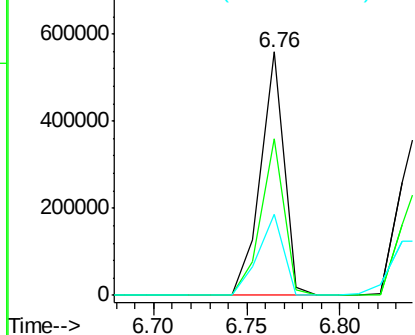
#12
 1,3-Dichlorobenzene
 Concen: 40.54 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleID :
 PB91573BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
75	33.3	26.8	40.2

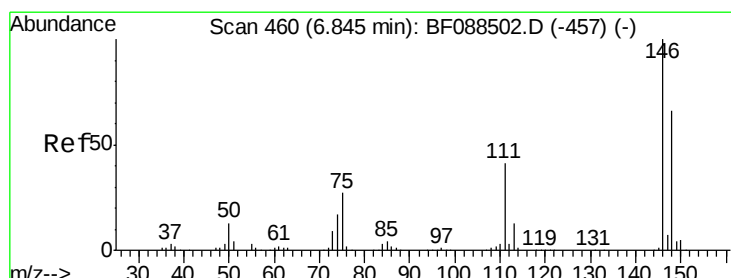


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0



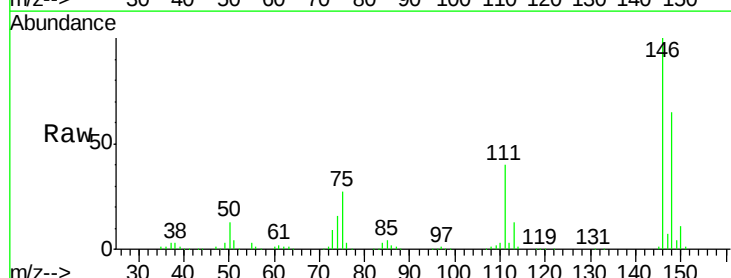
sohil

6/30/2016 7:46:30 PM

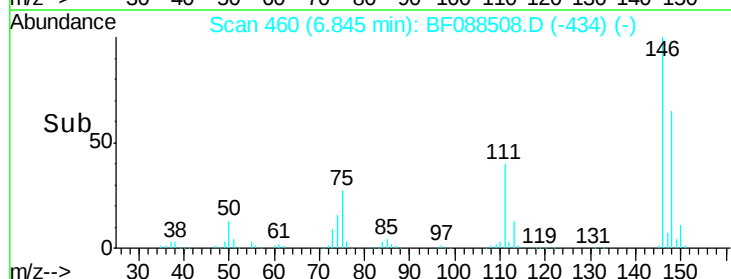
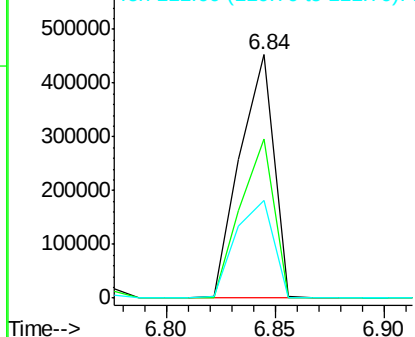


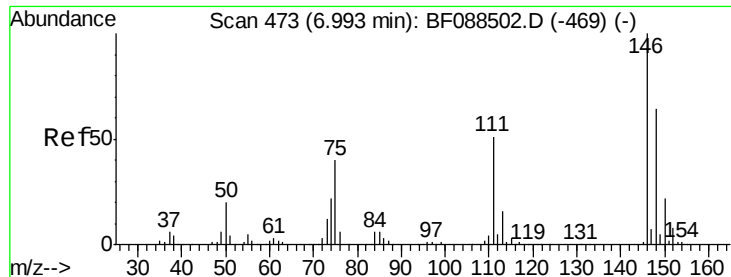
#13
 1,4-Dichlorobenzene
 Concen: 40.43 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.8	79.2
111	39.9	32.5	48.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 42.93 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

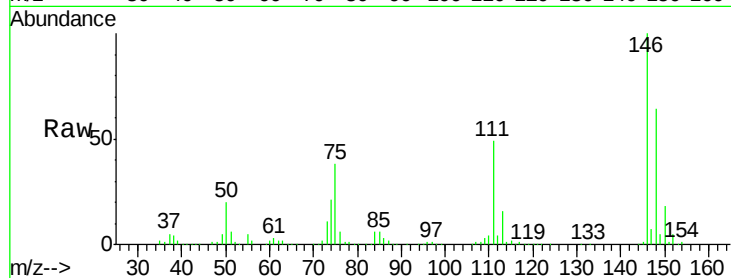
Tot Ion:146 Resp: 434523

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

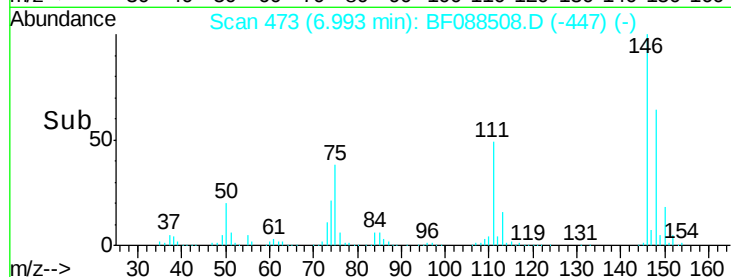
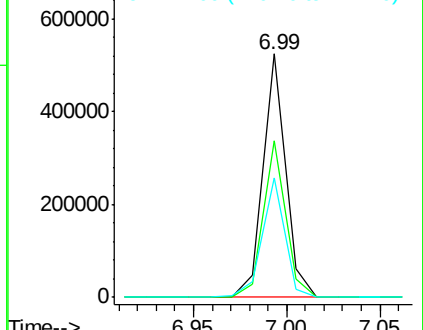
111 49.2 40.5 60.7



Abundance Ion 146.00 (145.70 to 146.70): E

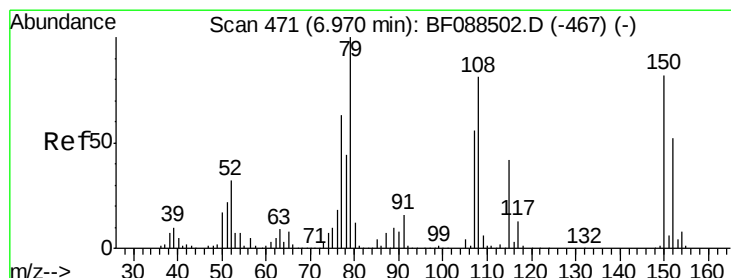
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



sohil

6/30/2016 7:46:30 PM



#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

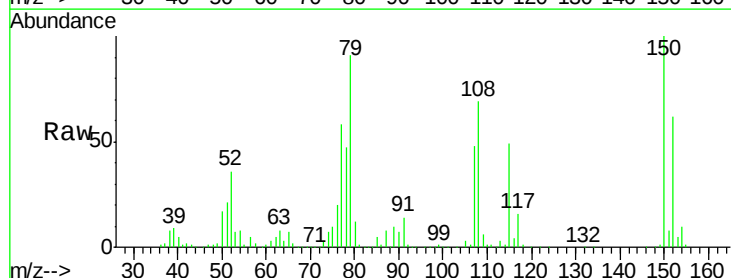
Tgt Ion: 79 Resp: 430623

Ion Ratio Lower Upper

79 100

108 75.7 64.7 97.1

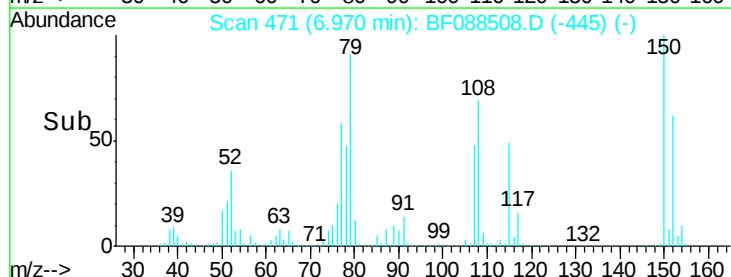
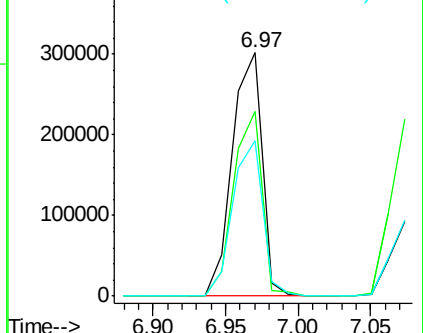
77 63.8 50.4 75.6

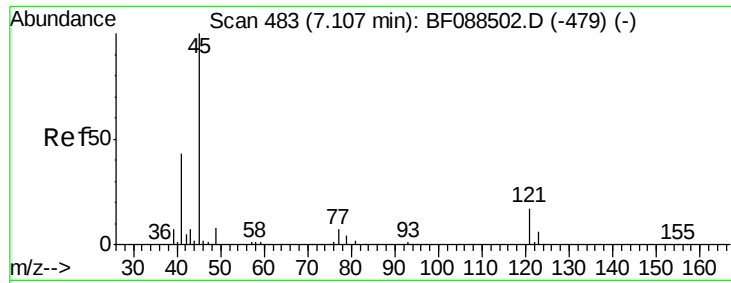


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

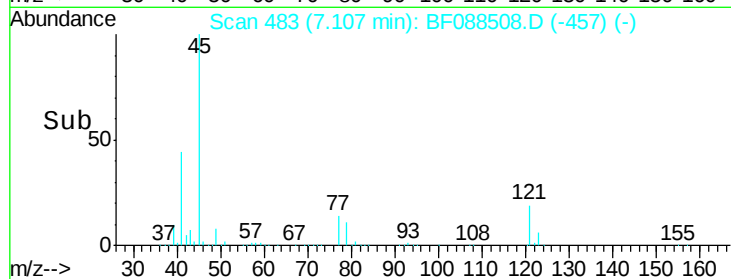
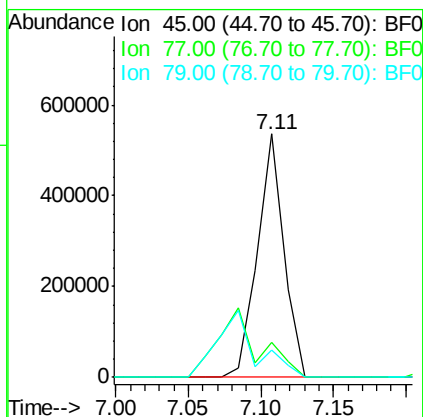
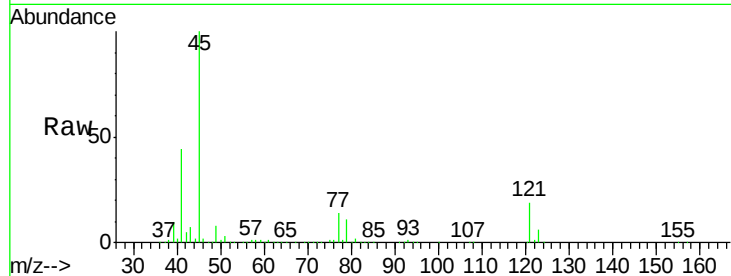




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.89 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

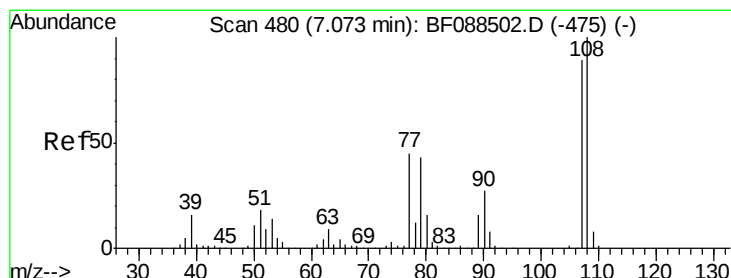
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	34.1
79	11.2	0.0	30.7



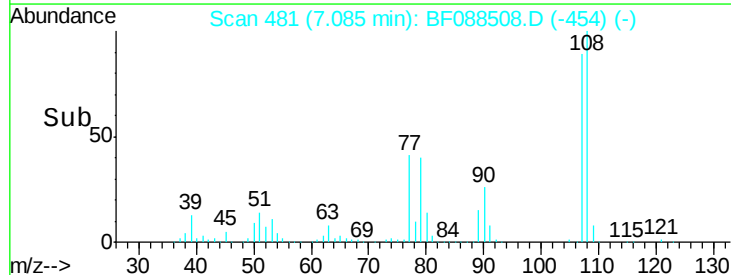
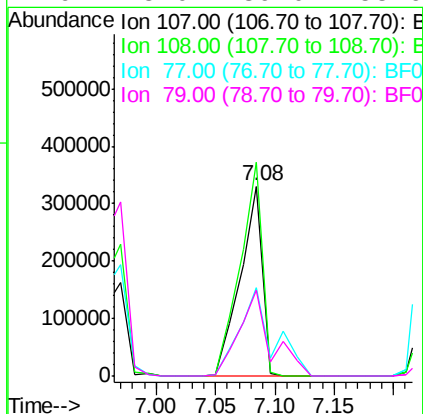
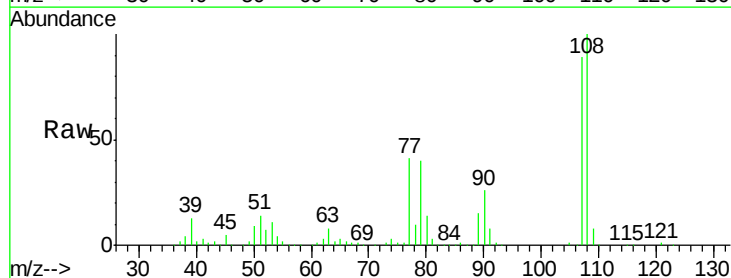
sohil

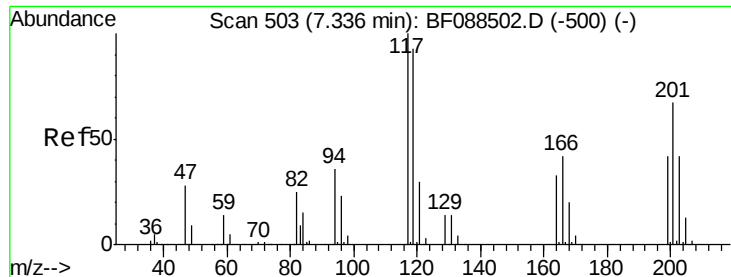
6/30/2016 7:46:30 PM



#17
2-Methylphenol
Concen: 44.50 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	46.5	40.2	60.4
79	45.0	39.0	58.6

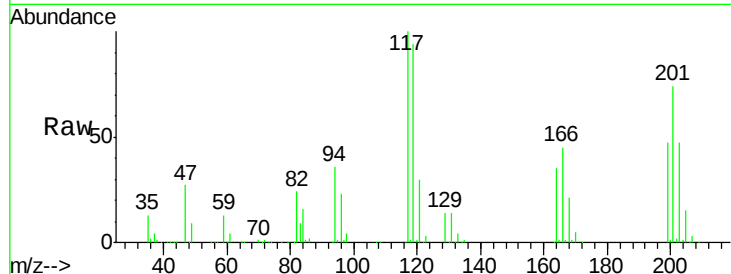




#18
Hexachloroethane
Concen: 38.84 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ion	Ratio	Lower	Upper
117	100			
119	94.1	74.1	111.1	
201	74.1	53.4	80.2	

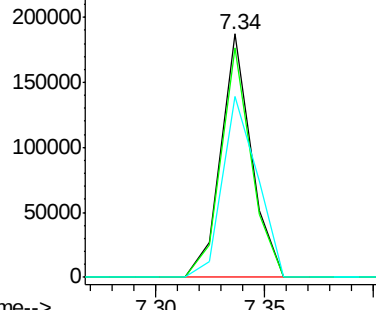


Abundance

Ion 117.00 (116.70 to 117.70): E

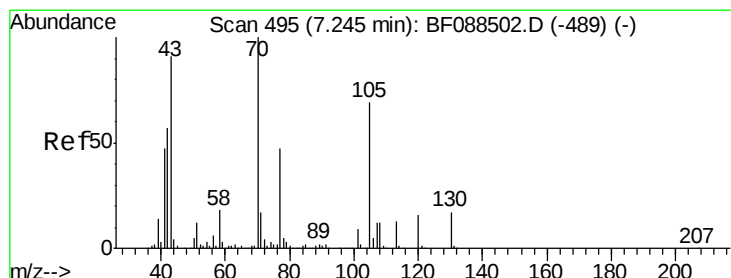
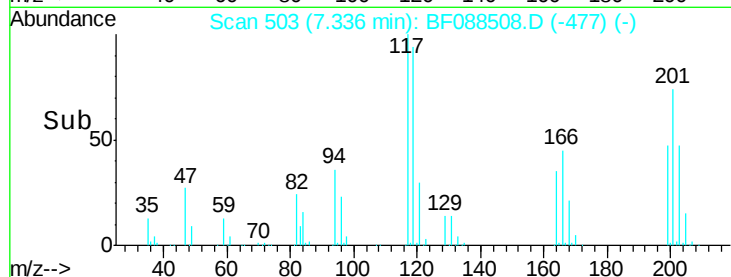
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



sohil

6/30/2016 7:46:30 PM



#19
n-Nitroso-di-n-propylamine
Concen: 38.93 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	45.9	68.9	
101	8.6	6.8	10.2	
130	17.0	13.9	20.9	

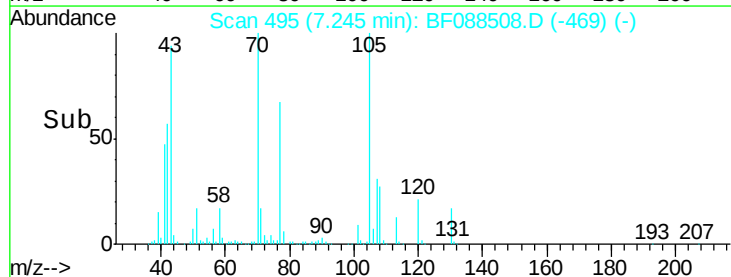
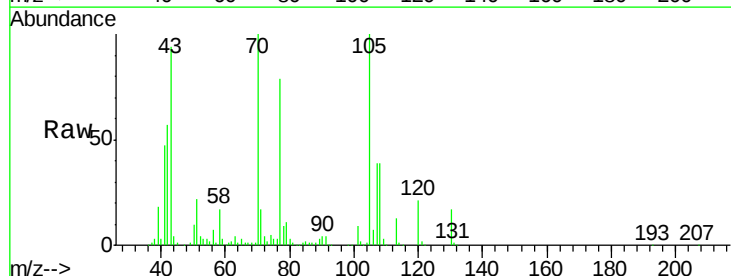
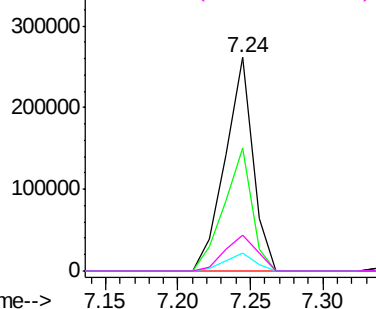
Abundance

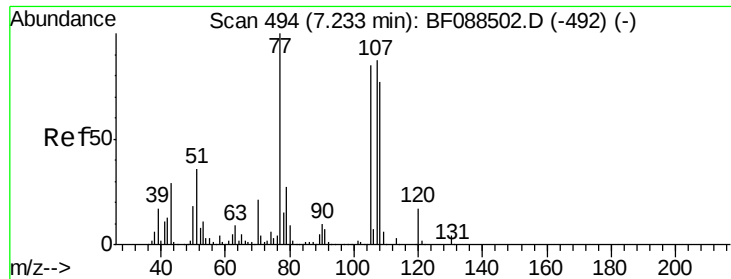
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.31 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

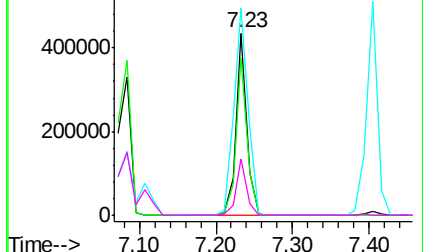
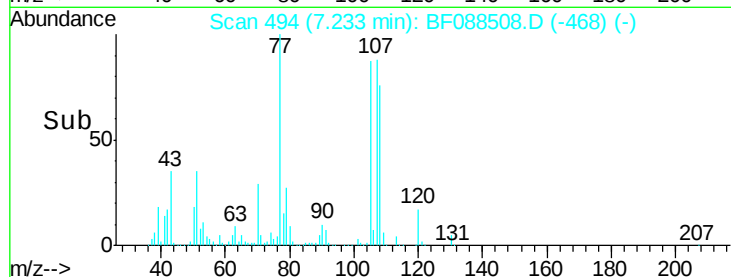
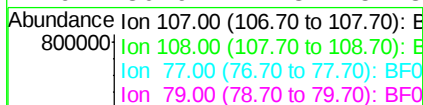
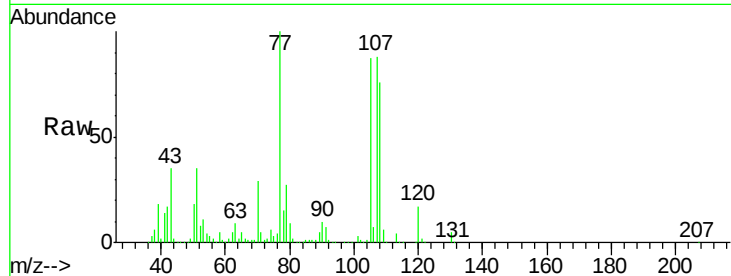
Instrument :

BNA_F

ClientSampleId :

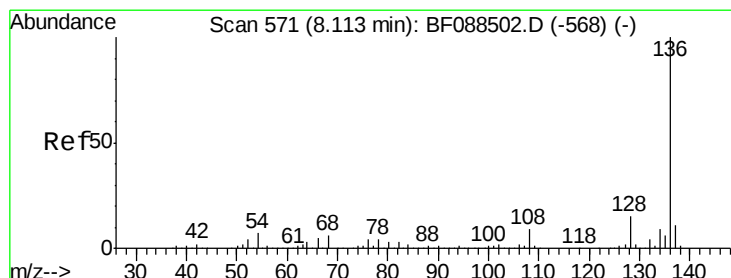
PB91573BS

Tot Ion:	107	Resp:	439730
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.1	108.1
77	114.1	95.1	135.1
79	30.9	11.3	51.3



sohil

6/30/2016 7:46:30 PM



#21

Naphthalene-d8

Concen: 20.00 ng

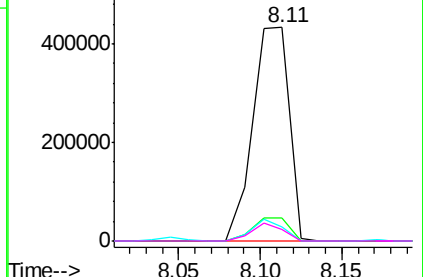
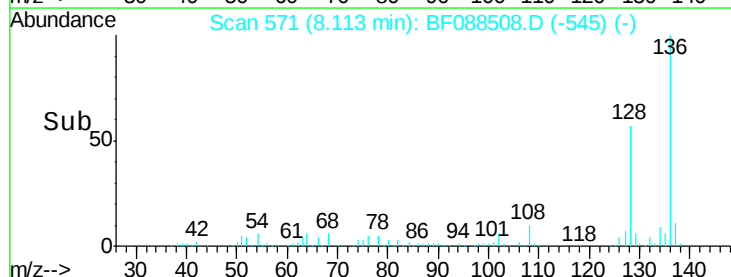
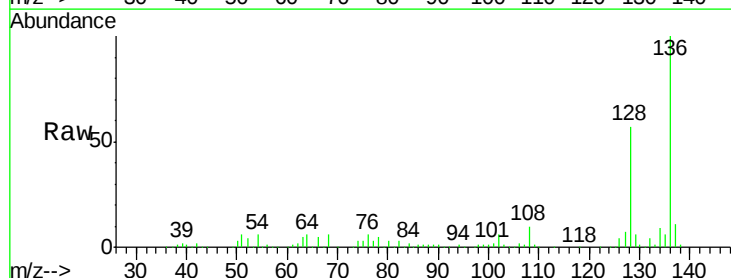
RT: 8.11 min Scan# 571

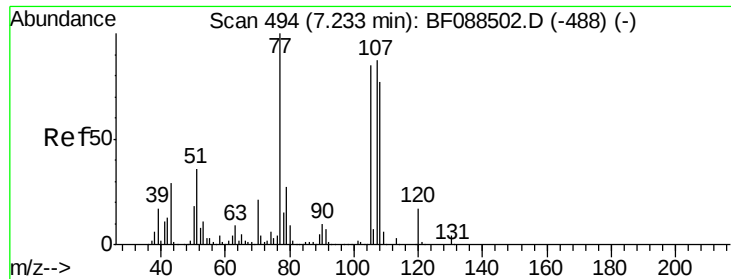
Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion:	136	Resp:	671186
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	5.4	8.2
68	5.6	4.9	7.3





#22

Acetophenone

Concen: 40.19 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088508.D

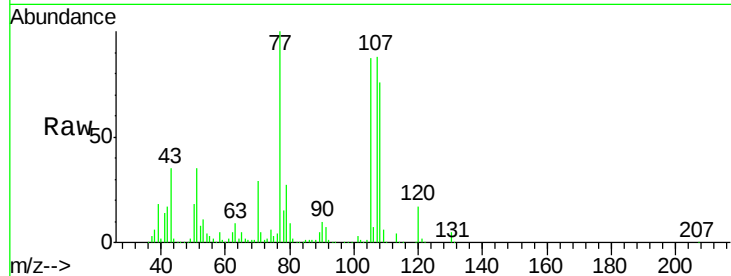
Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tot Ion:105 Resp: 649402

Ion Ratio Lower Upper

105 100

71 5.6 3.4 5.2#

51 40.9 33.6 50.4

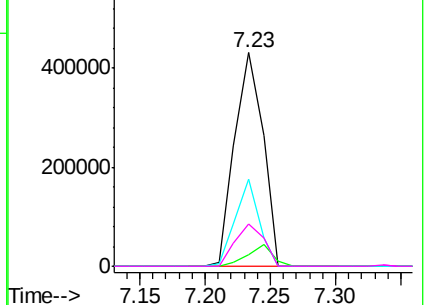
120 19.6 15.6 23.4

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

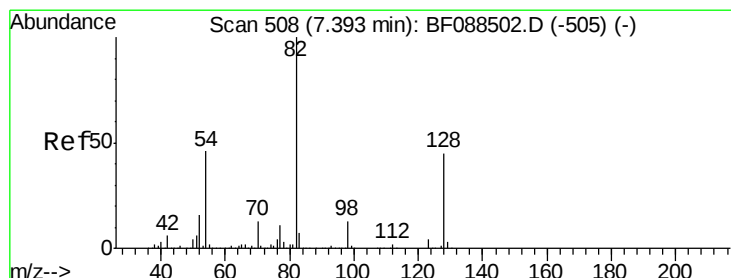
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



sohil

6/30/2016 7:46:30 PM



#23

Nitrobenzene-d5

Concen: 84.61 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion: 82 Resp: 1081216

Ion Ratio Lower Upper

82 100

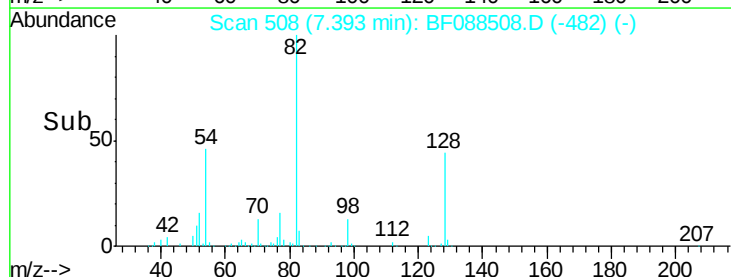
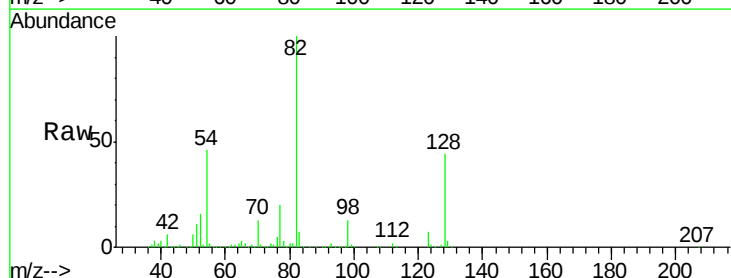
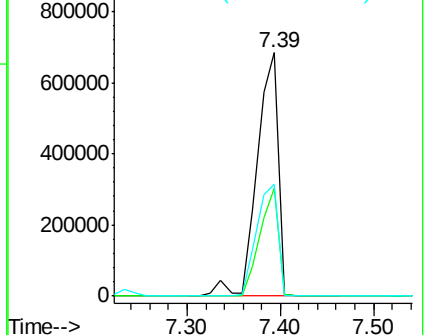
128 44.5 35.8 53.8

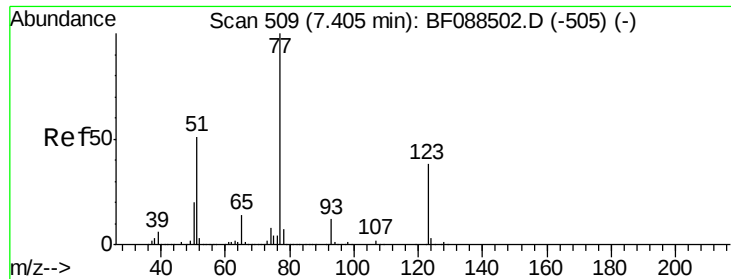
54 46.1 37.1 55.7

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 36.22 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampled :

PB91573BS

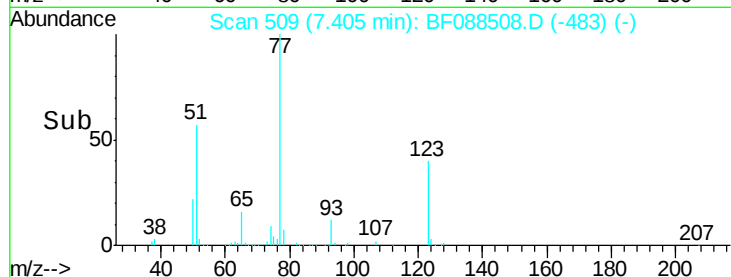
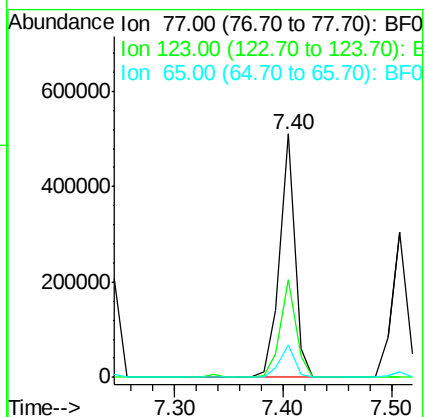
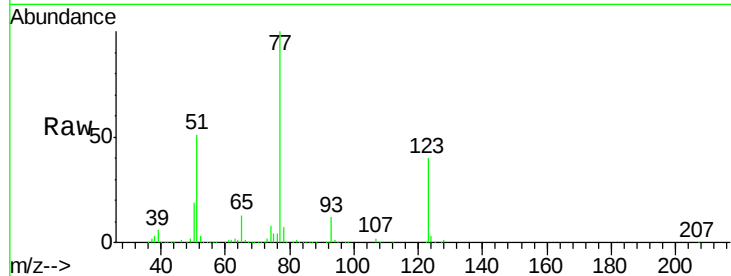
Tot Ion: 77 Resp: 496503

Ion Ratio Lower Upper

77 100

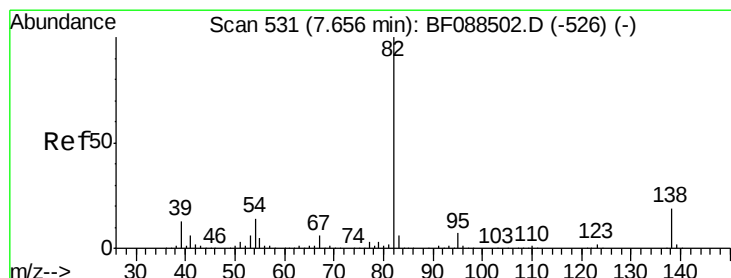
123 40.1 30.7 46.1

65 13.4 10.9 16.3



sohil

6/30/2016 7:46:30 PM



#25

Isophorone

Concen: 38.83 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

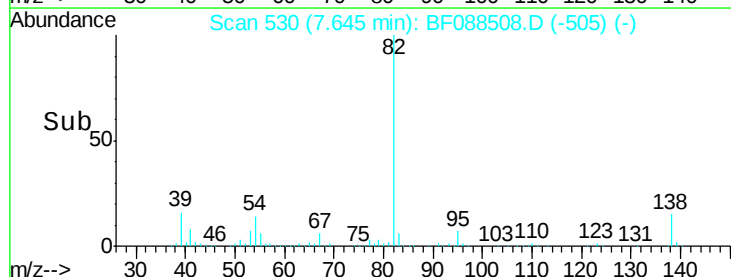
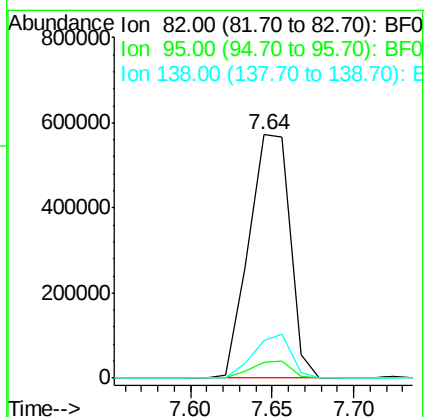
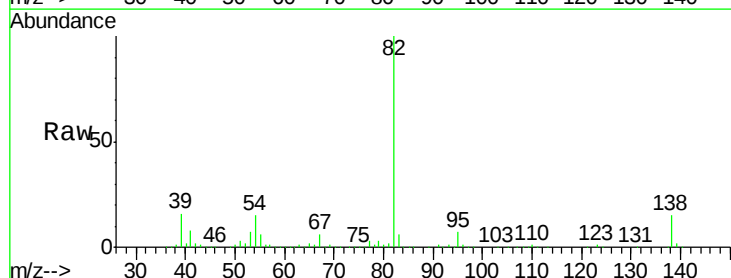
Tgt Ion: 82 Resp: 1002583

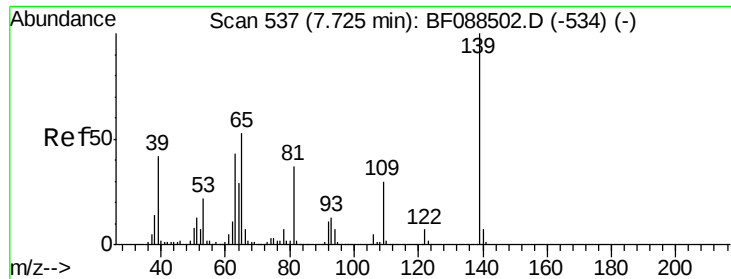
Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 15.2 14.8 22.2

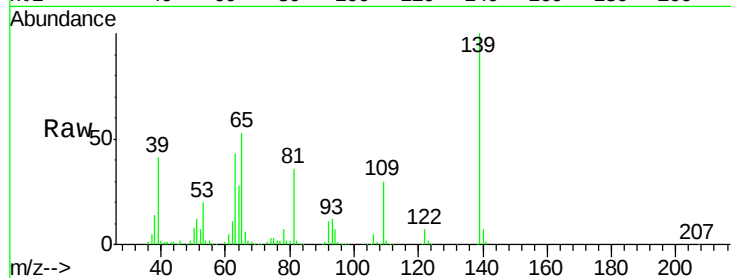




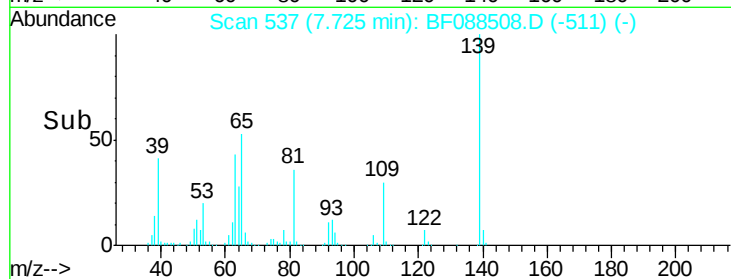
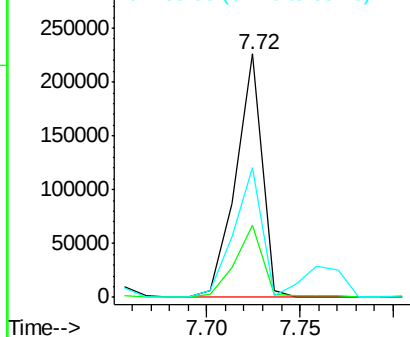
#26
2-Nitrophenol
Concen: 50.05 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:	139	Resp:	223282
Ion	Ratio	Lower	Upper
139	100		
109	29.6	24.0	36.0
65	53.3	42.4	63.6

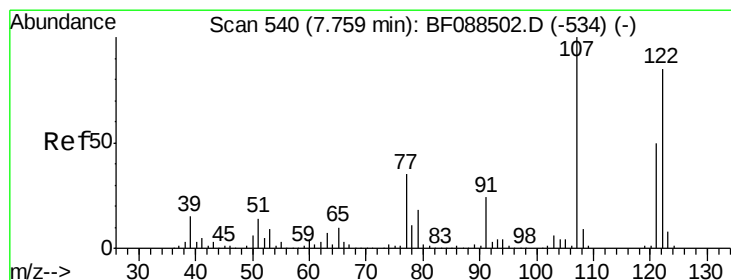


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



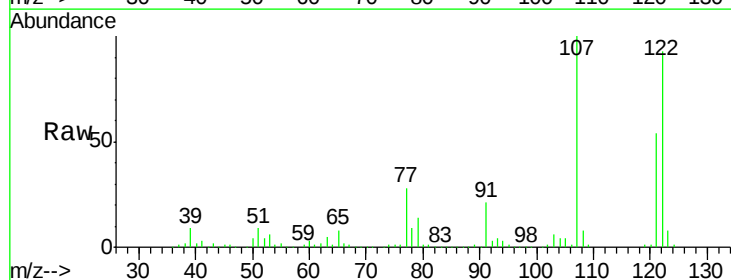
sohil

6/30/2016 7:46:30 PM

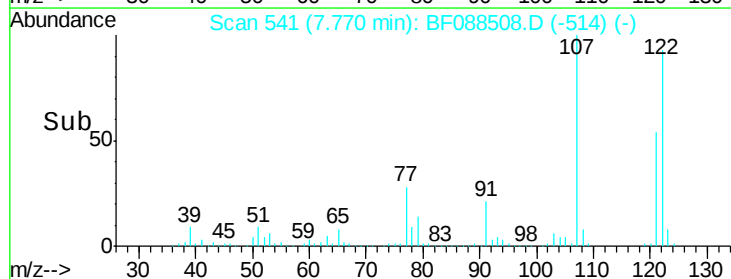
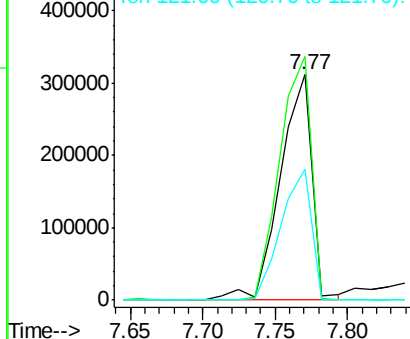


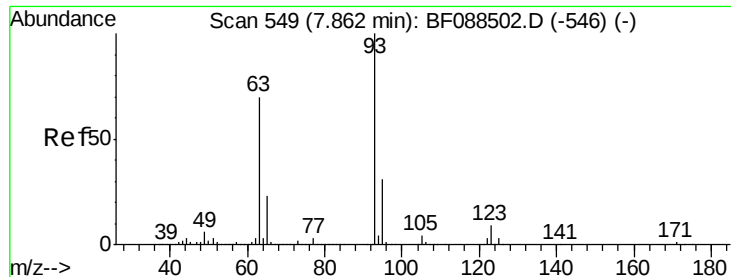
#27
2,4-Dimethylphenol
Concen: 40.63 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:	122	Resp:	471037
Ion	Ratio	Lower	Upper
122	100		
107	108.0	94.1	141.1
121	58.2	47.0	70.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

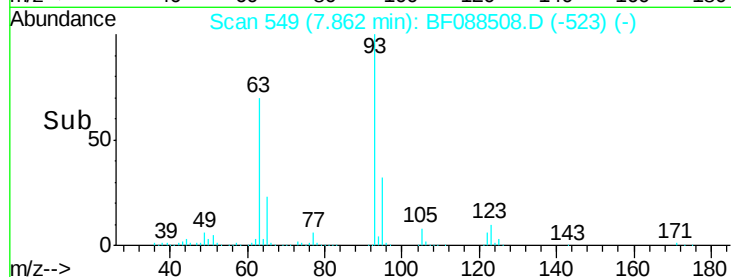
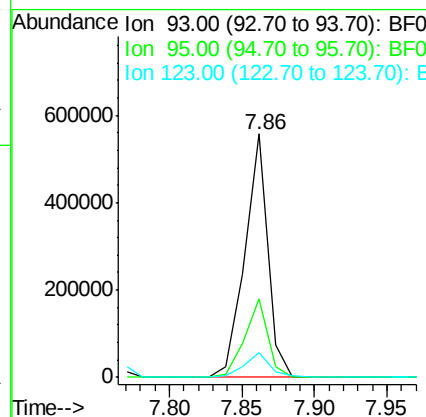
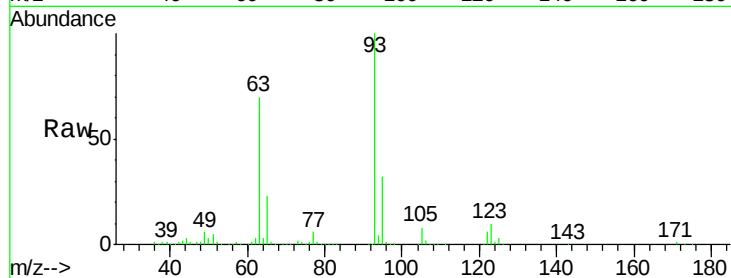




#28
bis(2-Chloroethoxy)methane
Concen: 38.48 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

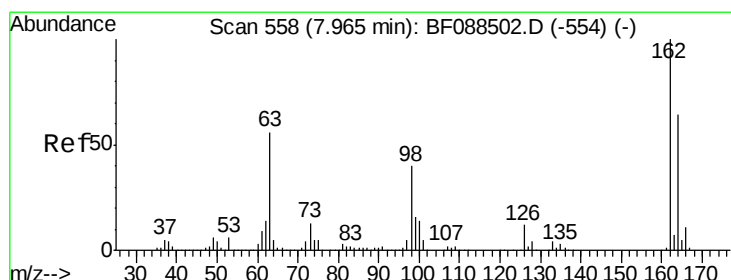
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:	93	Resp:	612435
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	10.0	7.8	11.6



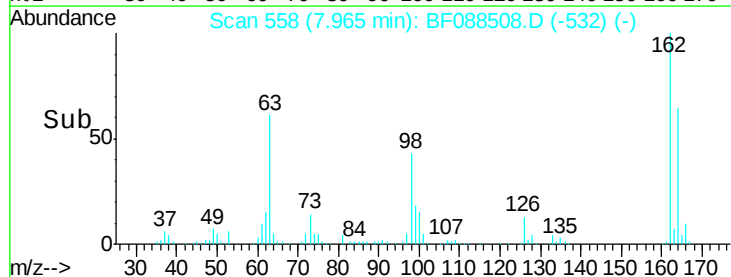
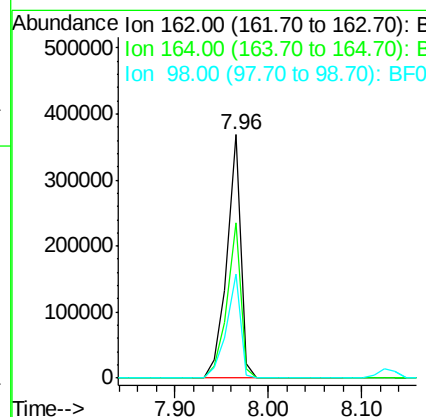
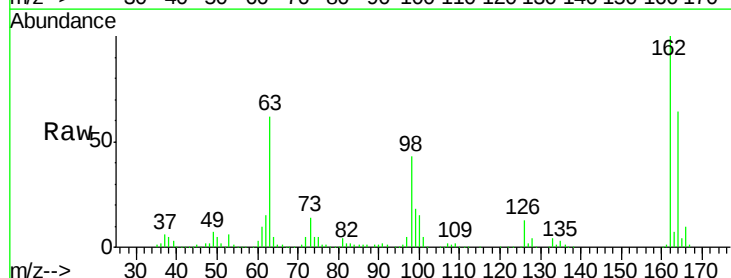
sohil

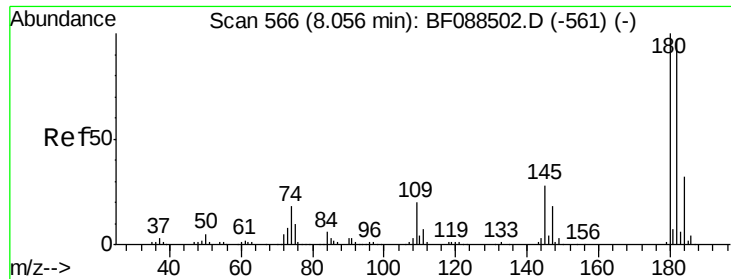
6/30/2016 7:46:30 PM



#29
2,4-Dichlorophenol
Concen: 40.75 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:	162	Resp:	380580
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	42.7	20.5	60.5

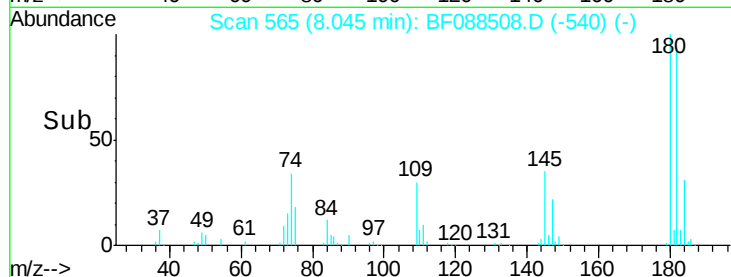
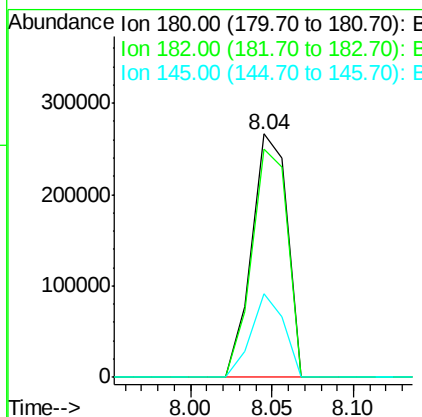
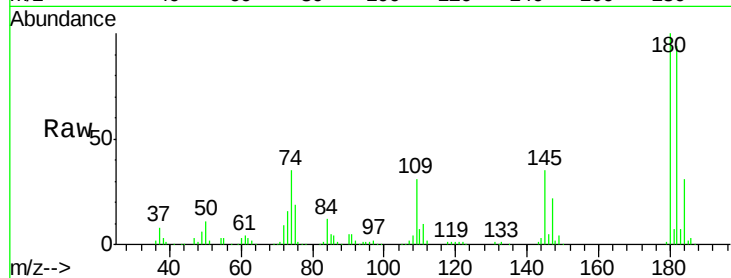




#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

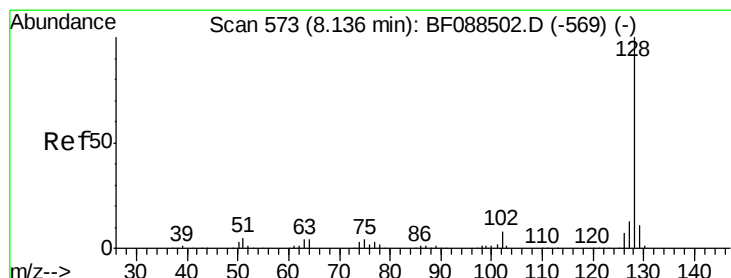
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.4	116.0
145	34.6	22.6	33.8#



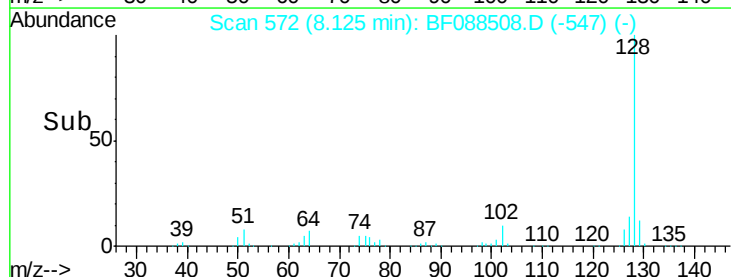
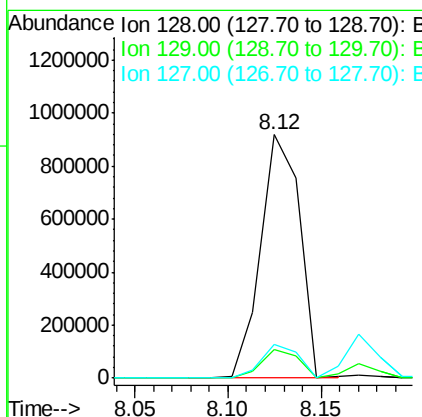
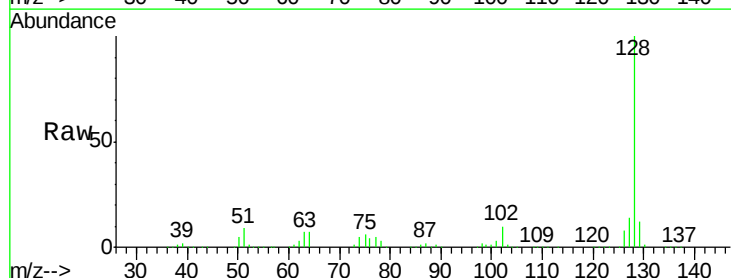
sohil

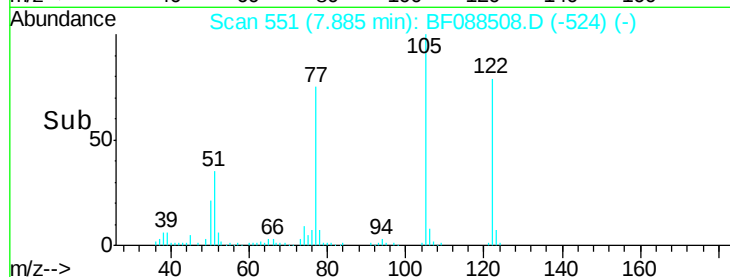
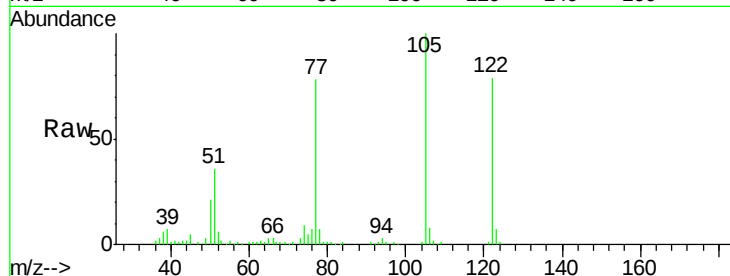
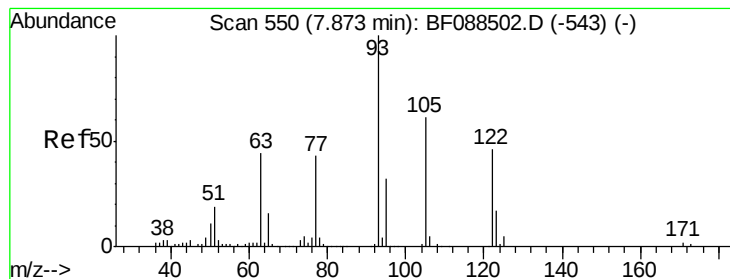
6/30/2016 7:46:30 PM



#31
 Naphthalene
 Concen: 38.95 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.6	10.6	16.0





#32

Benzoic acid

Concen: 37.67 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

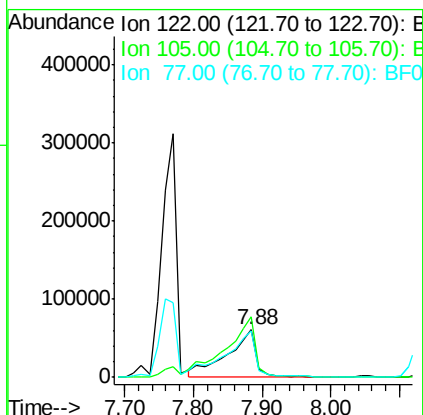
Tot Ion:	122	Resp:	182821
Ion Ratio	Lower	Upper	
122	100		
105	126.6	110.7	150.7
77	99.2	76.5	116.5

Instrument :

BNA_F

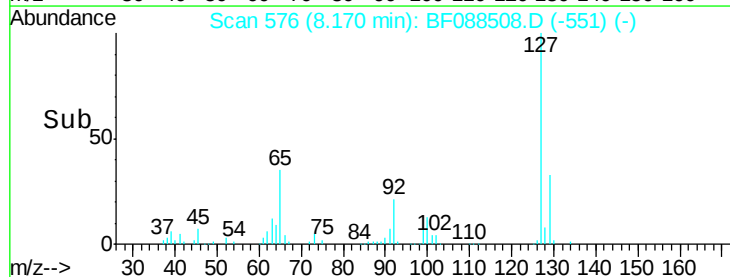
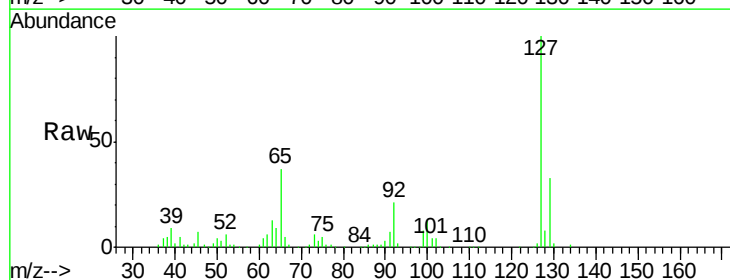
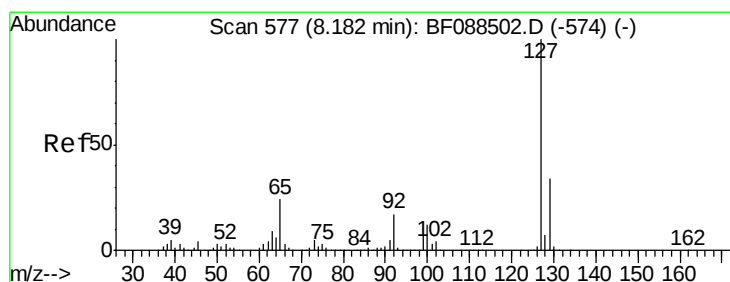
ClientSampleId :

PB91573BS



sohil

6/30/2016 7:46:30 PM



#33

4-Chloroaniline

Concen: 13.51 ng

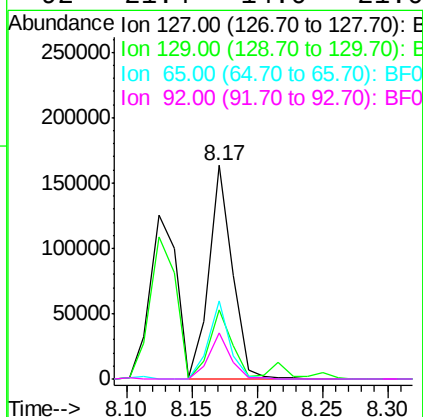
RT: 8.17 min Scan# 576

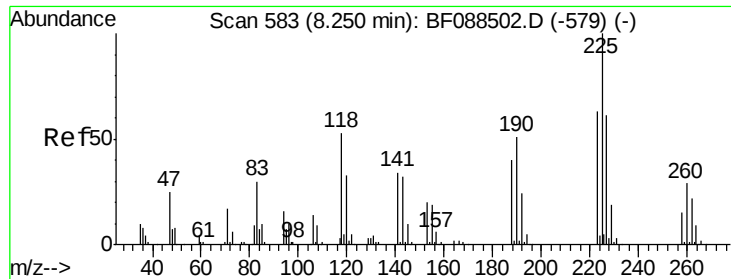
Delta R.T. -0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion:	127	Resp:	205232
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.9	40.3
65	36.6	19.4	29.2#
92	21.4	14.0	21.0#

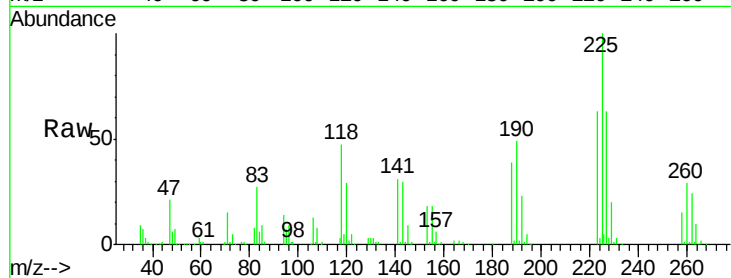




#34
Hexachlorobutadiene
Concen: 41.50 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.5	48.6	73.0

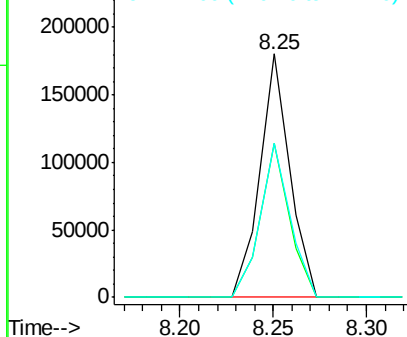


Abundance

Ion 225.00 (224.70 to 225.70): E

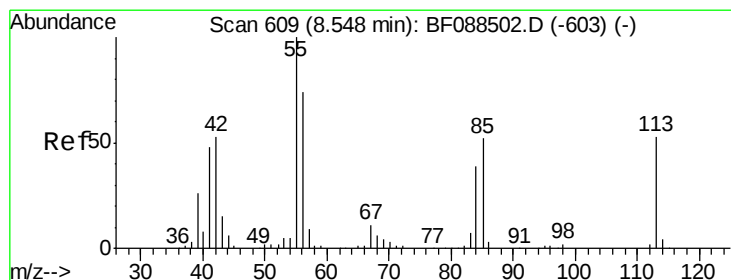
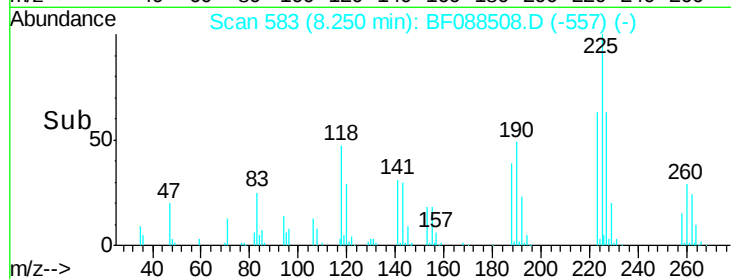
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



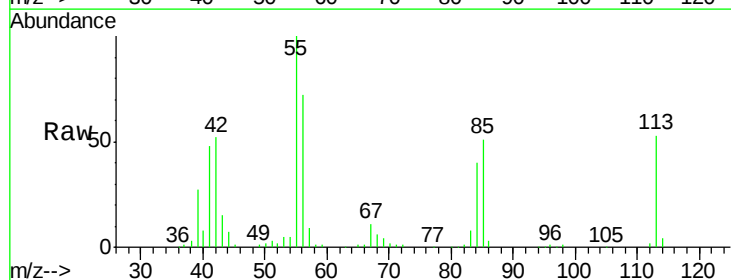
sohil

6/30/2016 7:46:30 PM



#35
Caprolactam
Concen: 44.77 ng m
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
113	100		
55	187.0	170.2	210.2
56	135.5	119.7	159.7

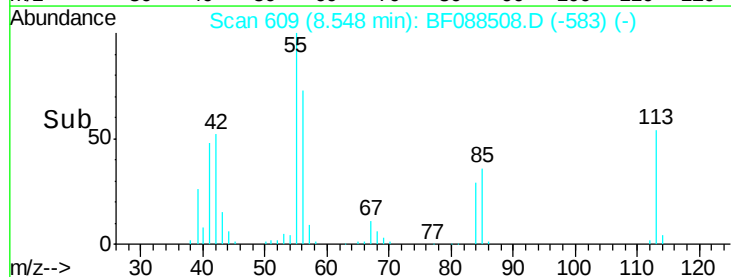
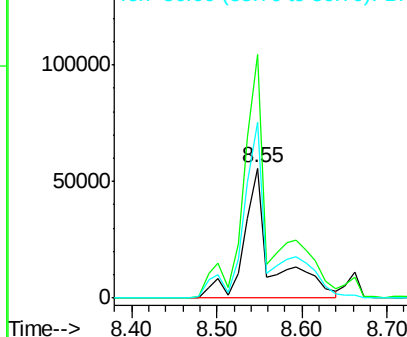


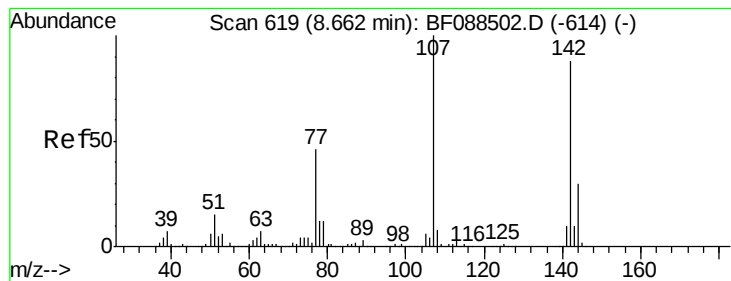
Abundance

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

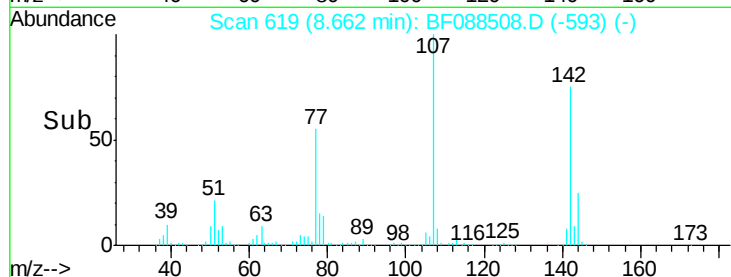
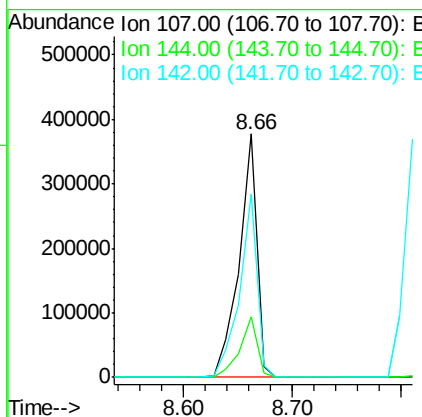
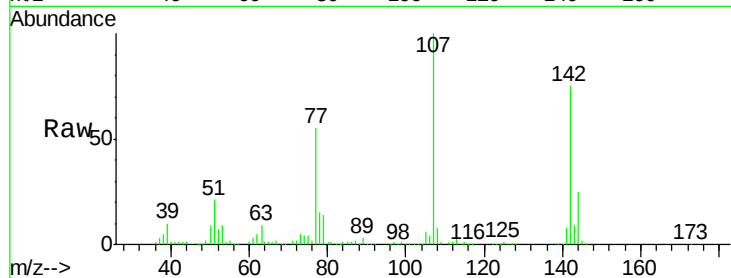




#36
4-Chloro-3-methylphenol
Concen: 41.01 ng
RT: 8.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

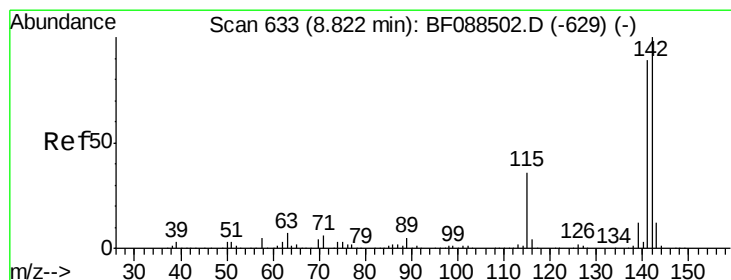
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.8	23.7	35.5
142	75.4	70.7	106.1



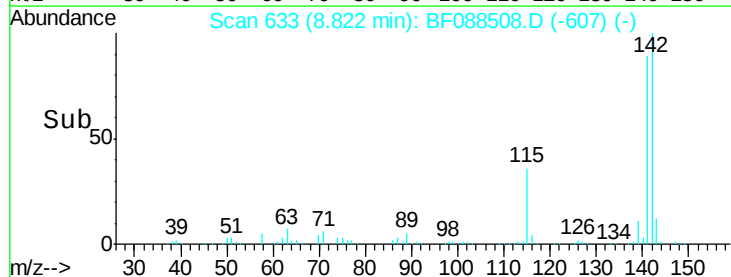
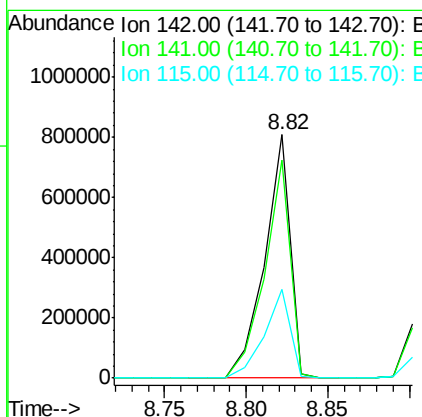
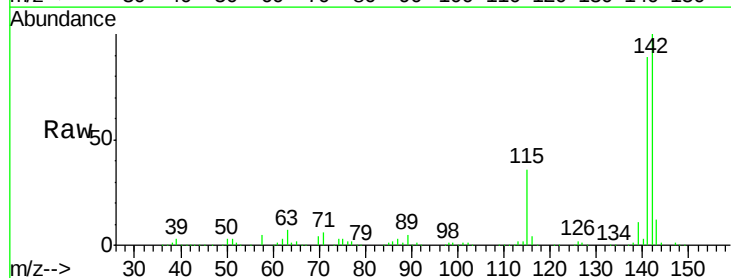
sohil

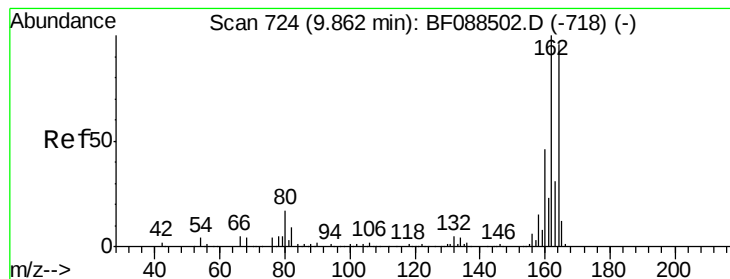
6/30/2016 7:46:30 PM



#37
2-Methylnaphthalene
Concen: 42.27 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.4
115	36.5	28.7	43.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

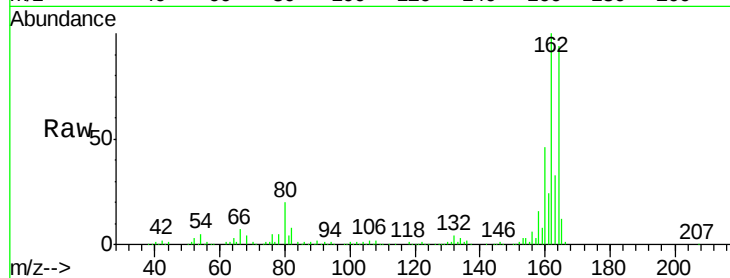
Tot Ion:164 Resp: 310745

Ion Ratio Lower Upper

164 100

162 106.1 83.7 125.5

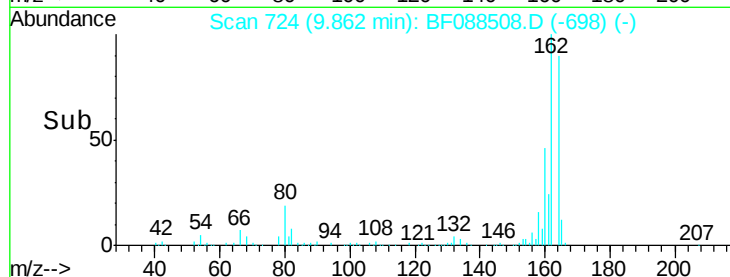
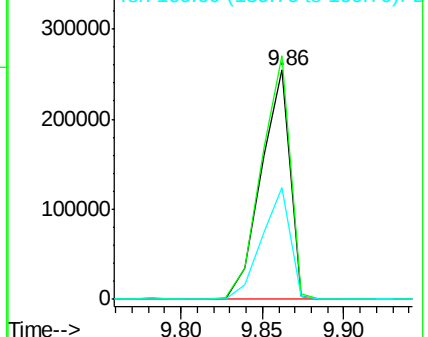
160 48.7 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

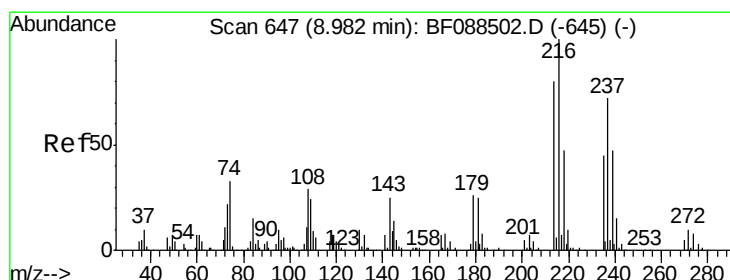
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



sohil

6/30/2016 7:46:30 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.03 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion:216 Resp: 318287

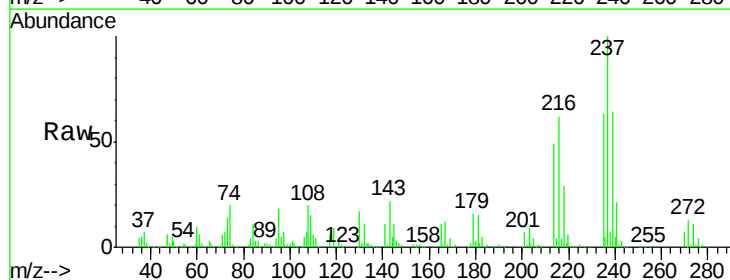
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 22.2 0.0 0.0#

108 24.8 0.0 0.0#

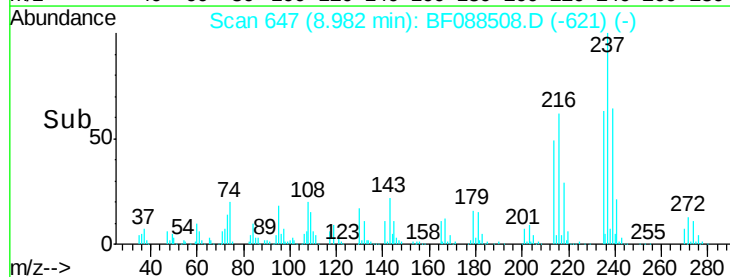
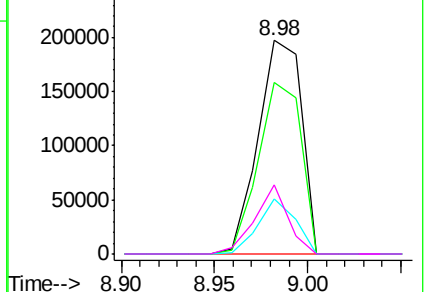


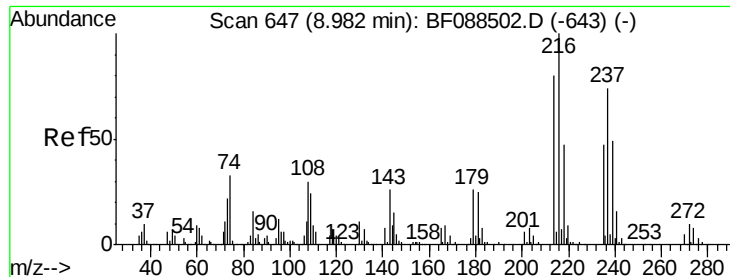
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.66 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

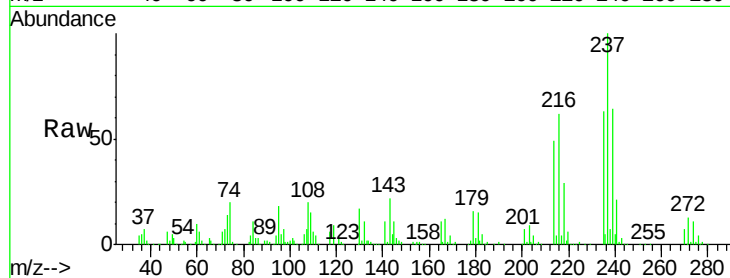
Tot Ion:237 Resp: 381334

Ion Ratio Lower Upper

237 100

235 62.6 43.0 83.0

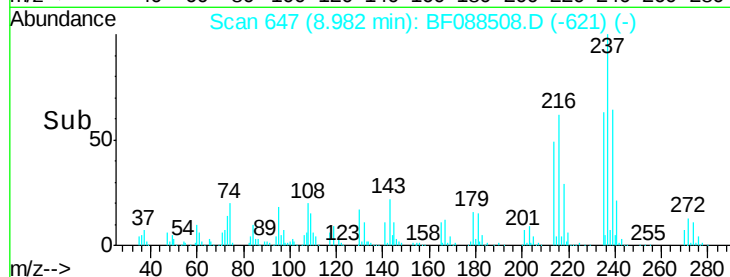
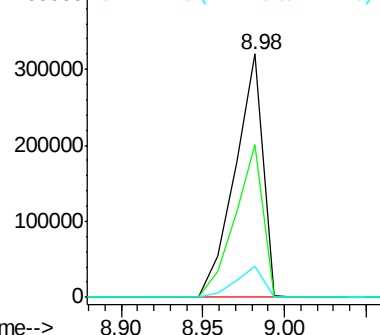
272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E

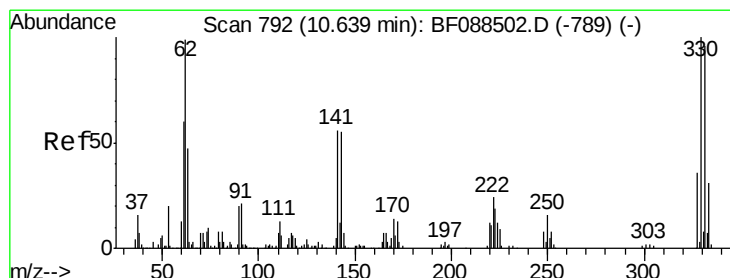
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



sohil

6/30/2016 7:46:30 PM



#41

2,4,6-Tribromophenol

Concen: 128.43 ng

RT: 10.65 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

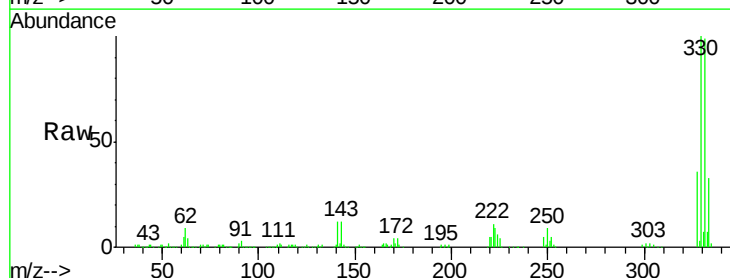
Tgt Ion:330 Resp: 305981

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

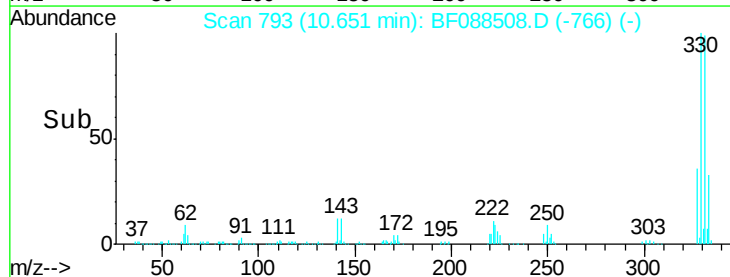
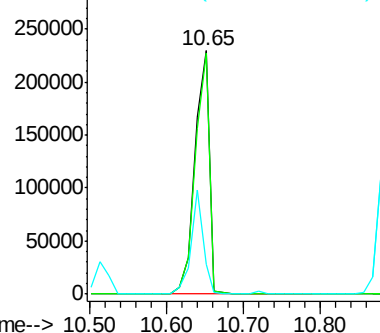
141 35.8 0.0 0.0#

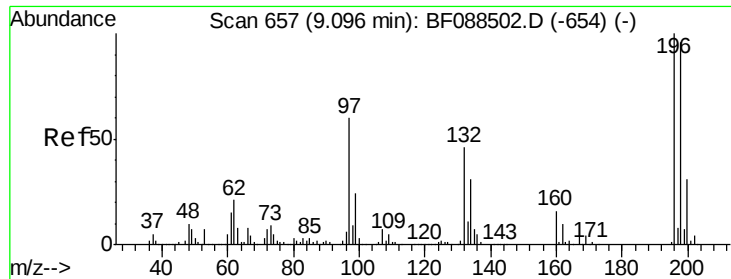


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

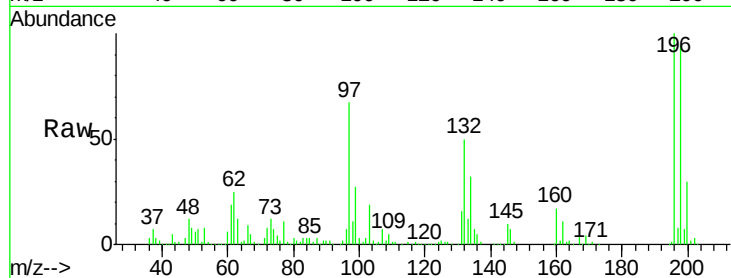




#42
2,4,6-Trichlorophenol
Concen: 45.11 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.9	115.3
200	30.5	24.6	36.8

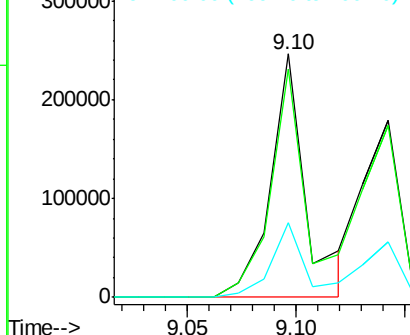


Abundance

Ion 196.00 (195.70 to 196.70): E

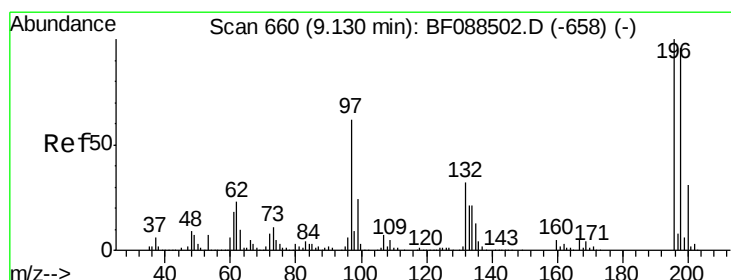
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



sohil

6/30/2016 7:46:30 PM



#43
2,4,5-Trichlorophenol
Concen: 34.46 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	115.0
97	56.5	48.7	73.1
132	30.4	25.5	38.3

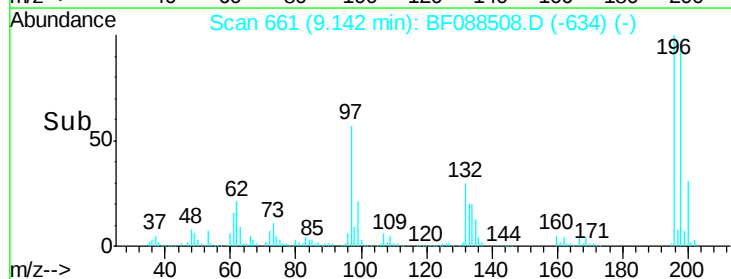
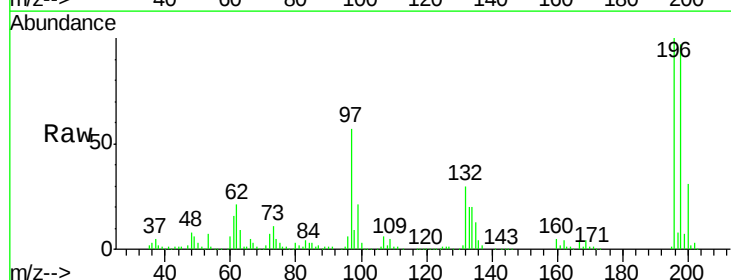
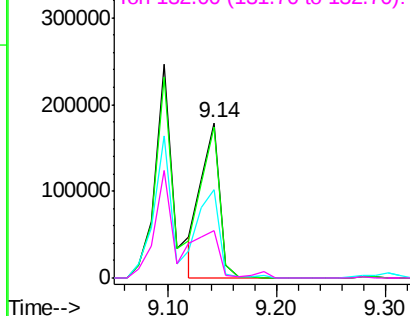
Abundance

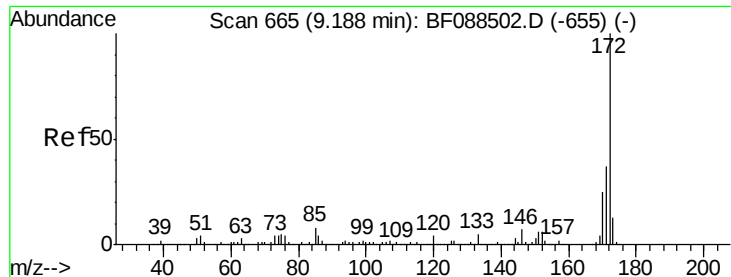
Ion 196.00 (195.70 to 196.70): E

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: 77.57 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

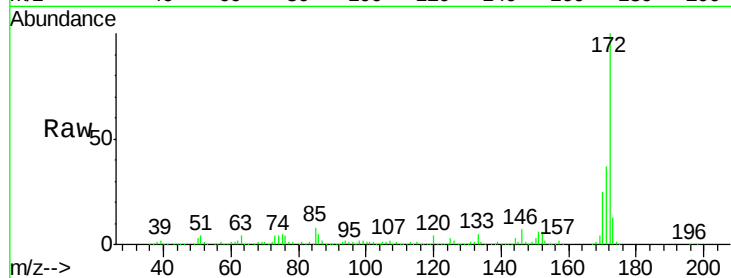
BNA_F

ClientSampleId :

PB91573BS

Tot Ion:172 Resp: 1541556

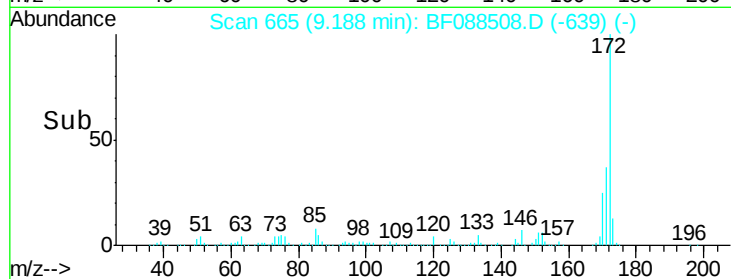
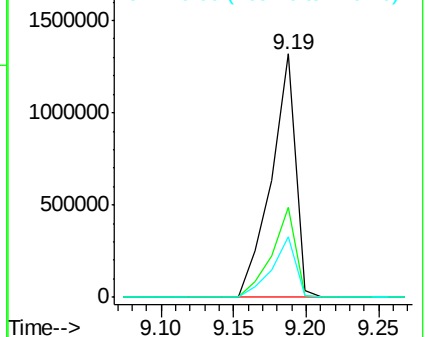
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	25.0	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E

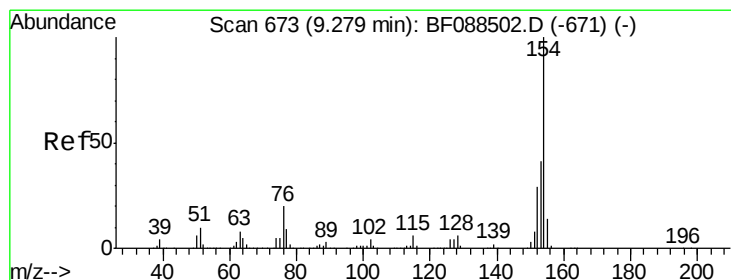
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



sohil

6/30/2016 7:46:30 PM



#45

1,1'-Biphenyl

Concen: 41.59 ng

RT: 9.29 min Scan# 674

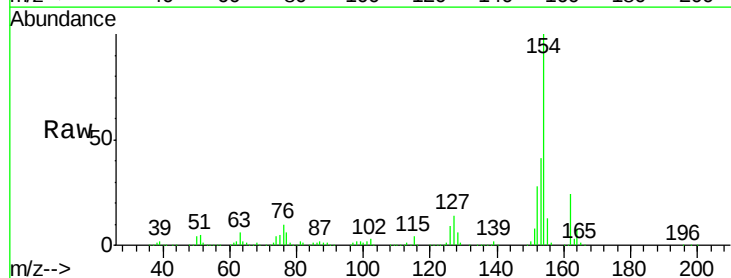
Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion:154 Resp: 1016937

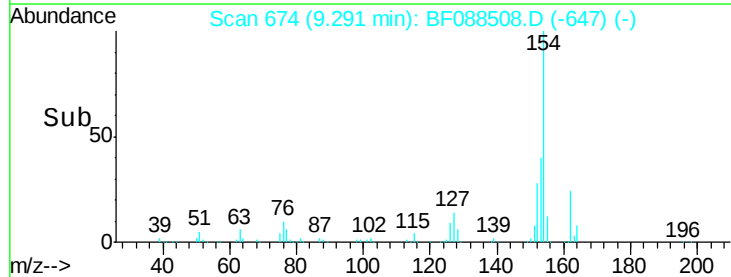
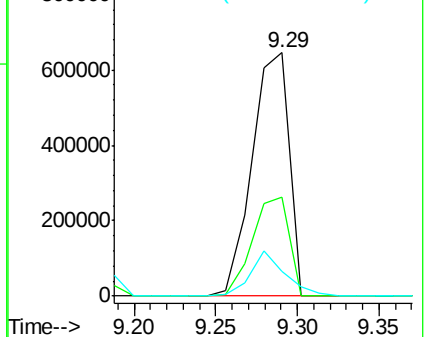
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	10.3	0.0	39.9

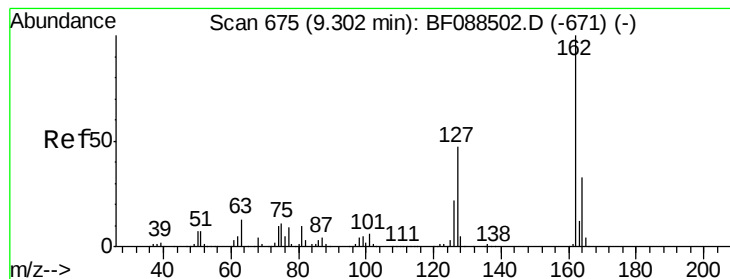


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

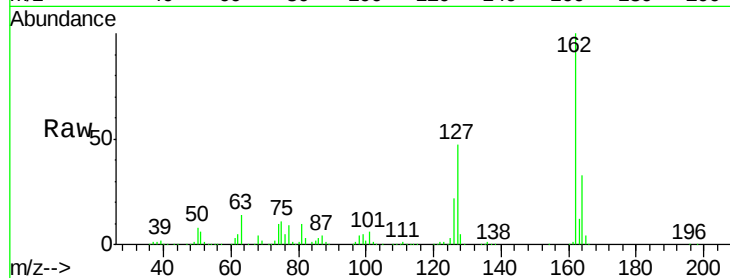




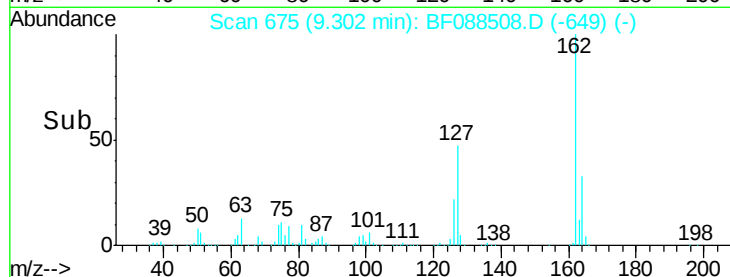
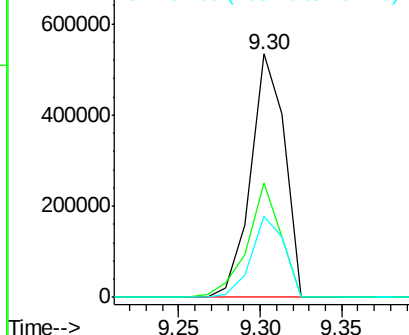
#46
2-Chloronaphthalene
Concen: 39.14 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	46.9	37.8	56.8
164	33.1	26.5	39.7

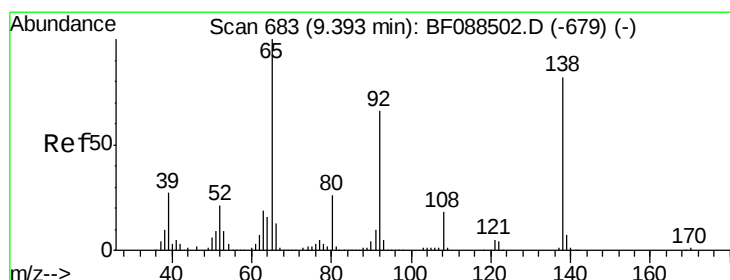


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



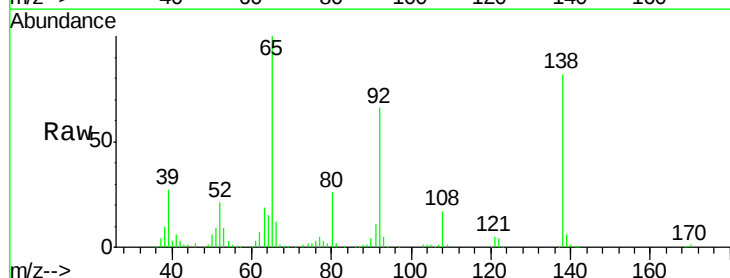
sohil

6/30/2016 7:46:30 PM

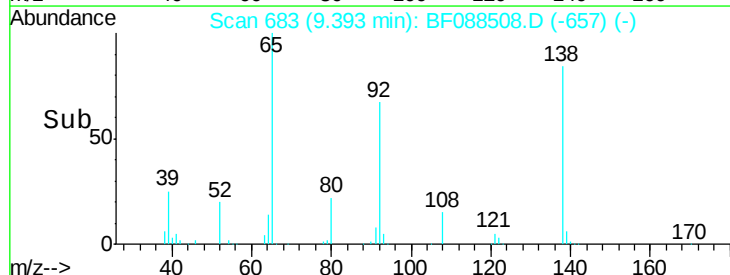
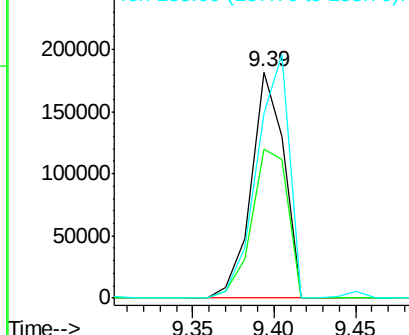


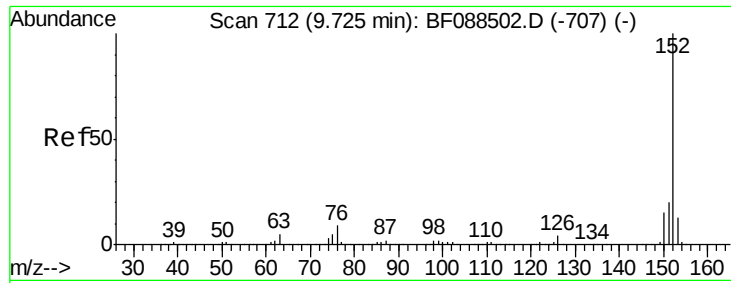
#47
2-Nitroaniline
Concen: 42.84 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.9	79.3
138	81.8	65.8	98.6



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

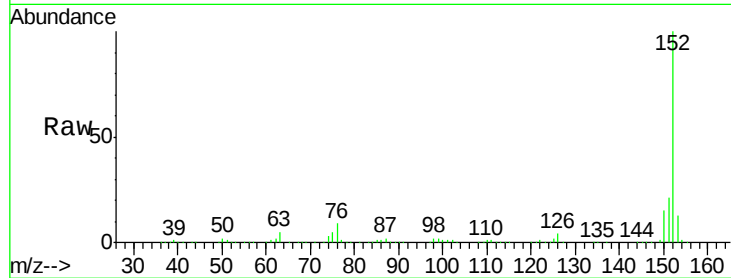




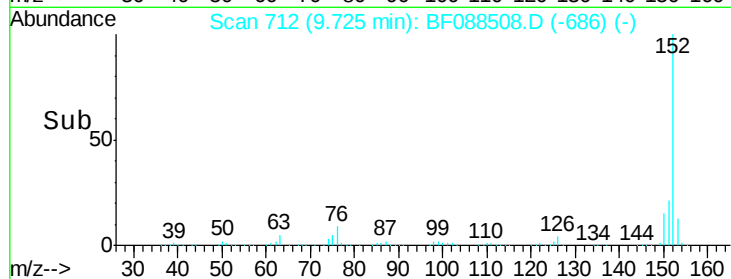
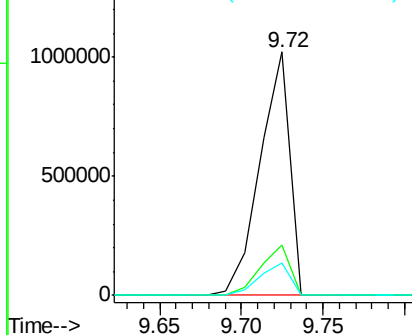
#48
Acenaphthylene
Concen: 39.51 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:152 Resp: 1295924
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 13.2 10.4 15.6

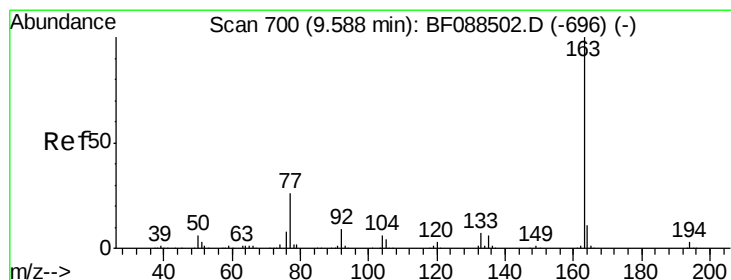


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



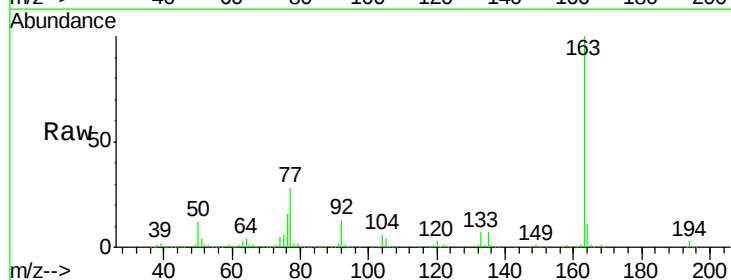
sohil

6/30/2016 7:46:30 PM

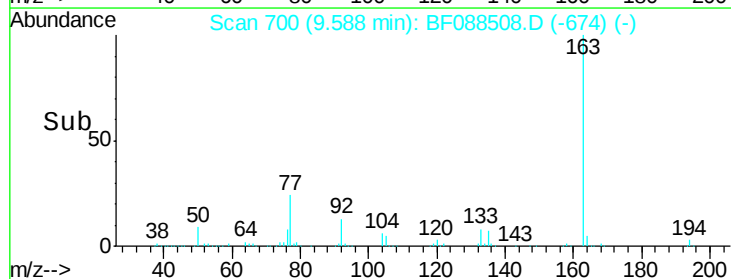
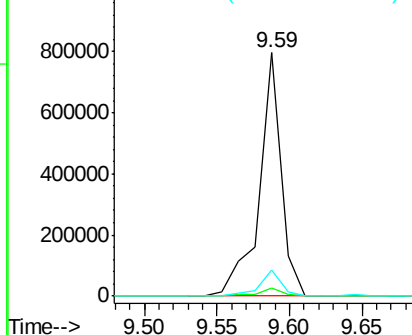


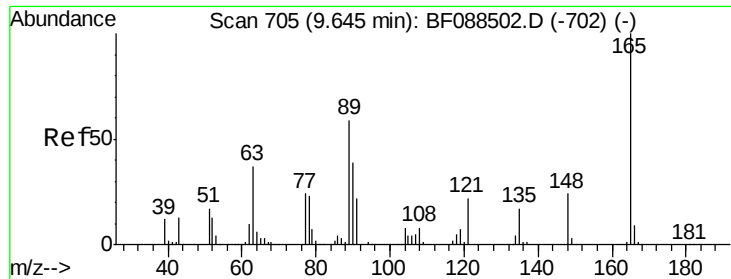
#49
Dimethylphthalate
Concen: 39.30 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:163 Resp: 836154
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.5 12.7



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: 45.69 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

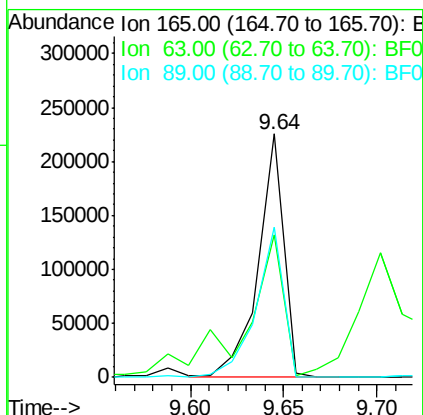
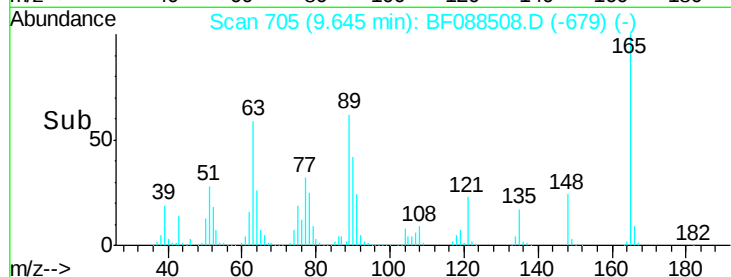
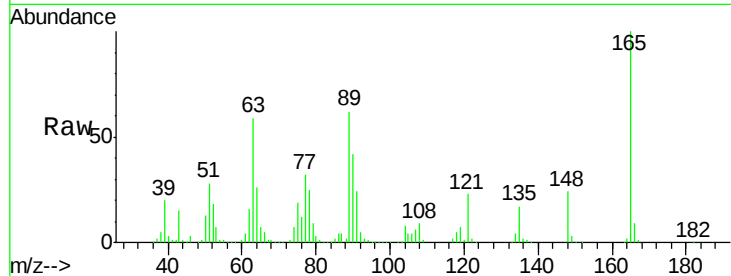
Instrument :

BNA_F

ClientSampleId :

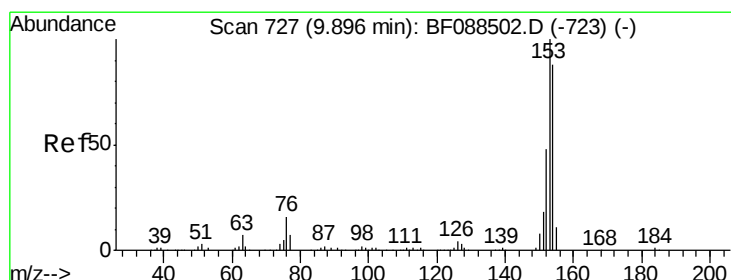
PB91573BS

Tot Ion:	165	Resp:	213407
Ion Ratio	Lower	Upper	
165	100		
63	58.7	45.0	67.4
89	61.9	47.8	71.6



sohil

6/30/2016 7:46:30 PM



#51

Acenaphthene

Concen: 42.43 ng

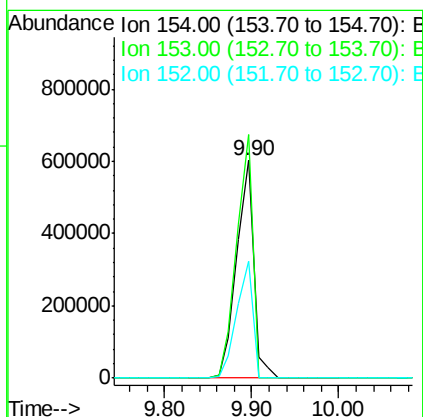
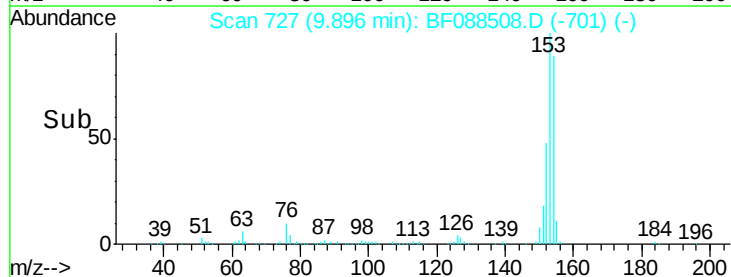
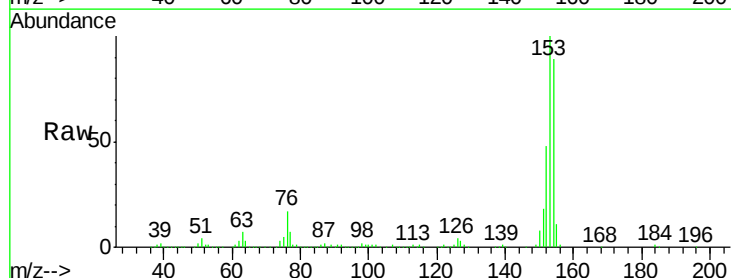
RT: 9.90 min Scan# 727

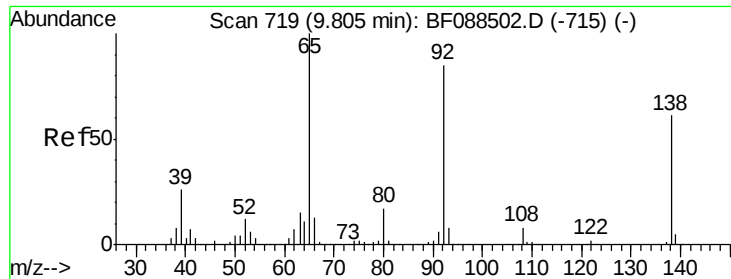
Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion:	154	Resp:	819240
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.0	136.6
152	53.6	43.9	65.9





#52

3-Nitroaniline

Concen: 22.34 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

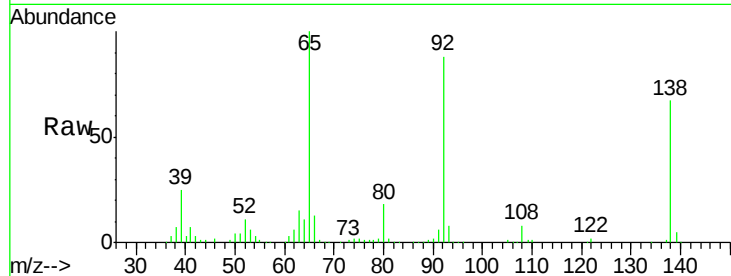
Tot Ion:138 Resp: 118665

Ion Ratio Lower Upper

138 100

108 11.5 10.2 15.4

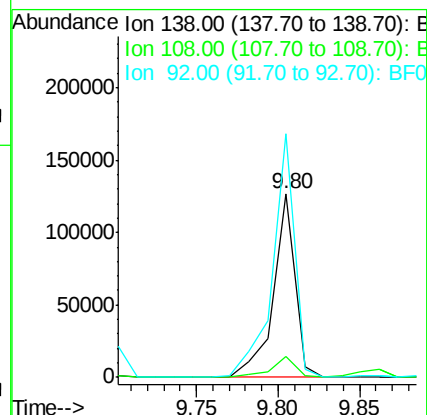
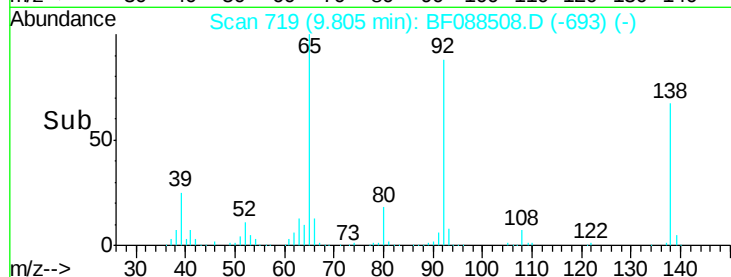
92 132.3 111.6 167.4



Abundance Ion 138.00 (137.70 to 138.70): E

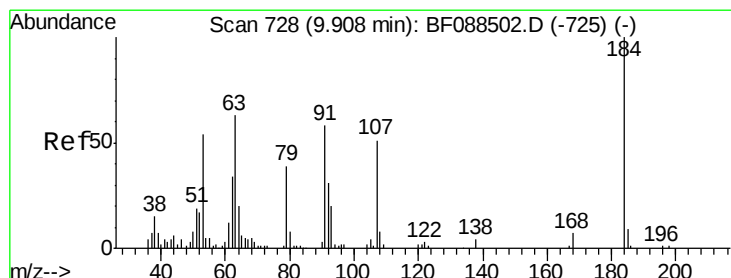
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



sohil

6/30/2016 7:46:30 PM



#53

2,4-Dinitrophenol

Concen: 140.78 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

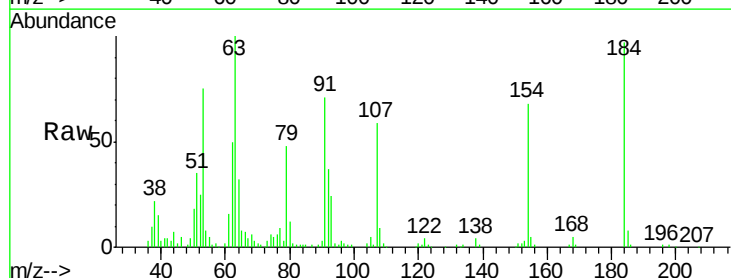
Tgt Ion:184 Resp: 104760

Ion Ratio Lower Upper

184 100

63 103.2 60.0 90.0#

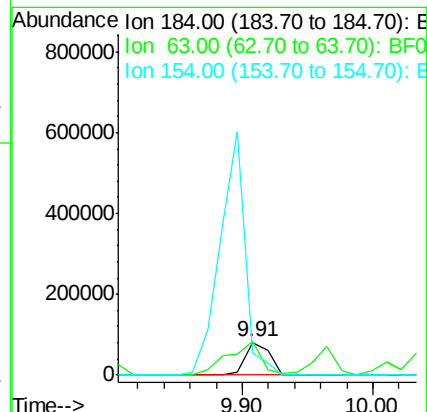
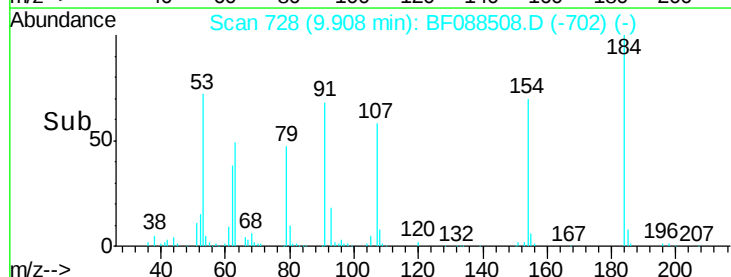
154 70.1 56.1 84.1

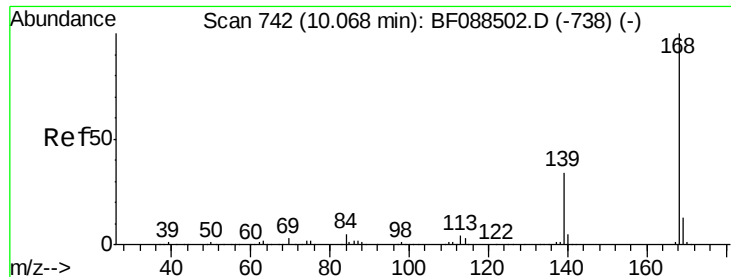


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

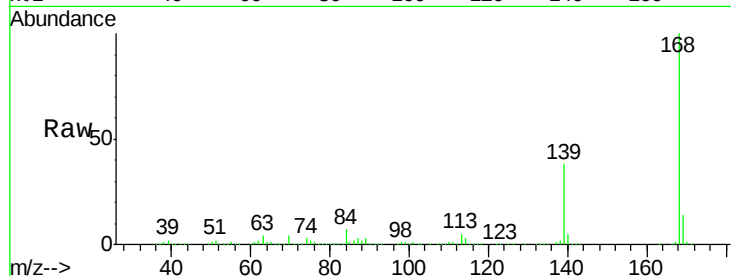




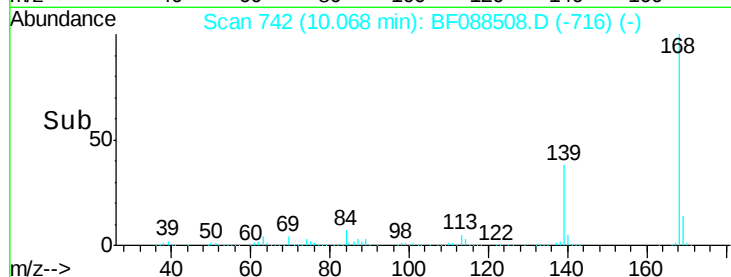
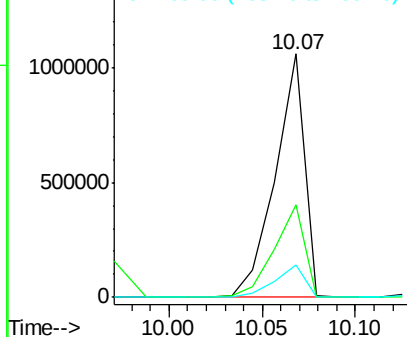
#54
Dibenzenofuran
Concen: 40.87 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:168 Resp: 1164877
Ion Ratio Lower Upper
168 100
139 37.8 27.1 40.7
169 13.5 10.6 16.0

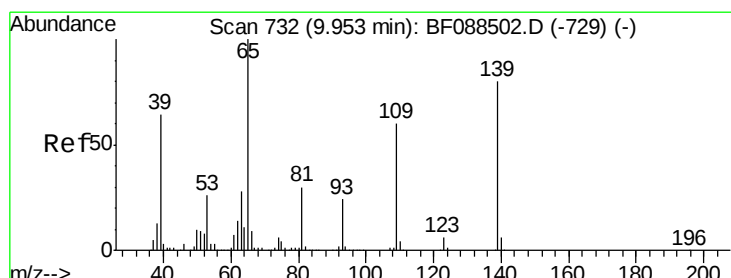


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



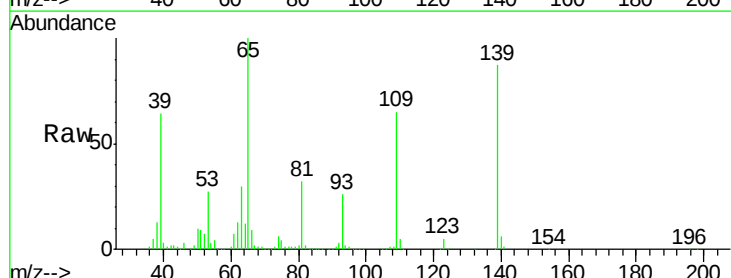
sohil

6/30/2016 7:46:30 PM

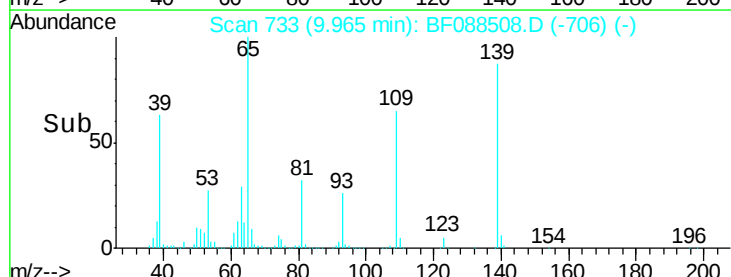
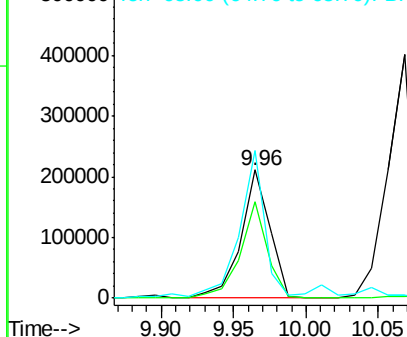


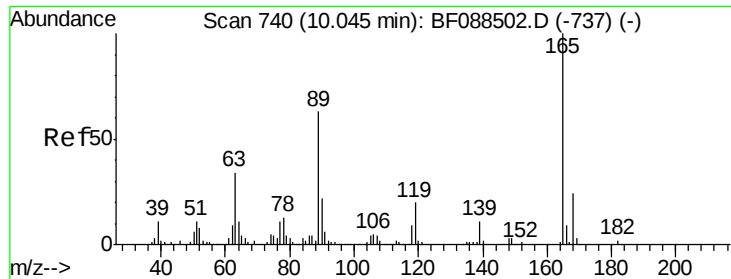
#55
4-Nitrophenol
Concen: 80.61 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:139 Resp: 293318
Ion Ratio Lower Upper
139 100
109 75.3 56.1 96.1
65 115.6 105.9 145.9



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

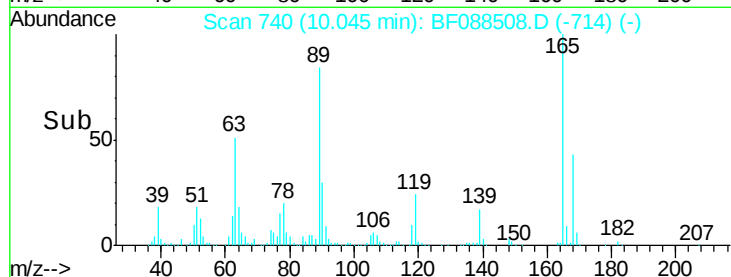
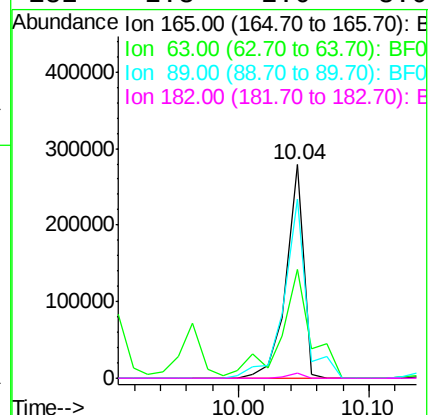
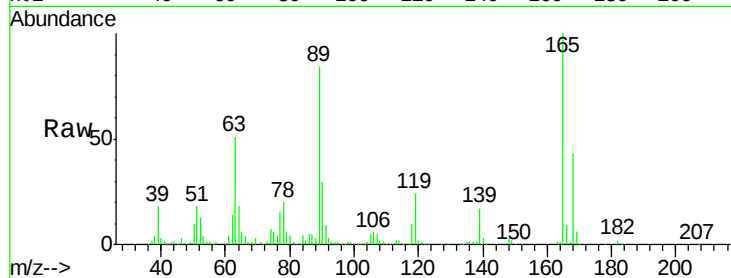




#56
2,4-Dinitrotoluene
Concen: 45.36 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

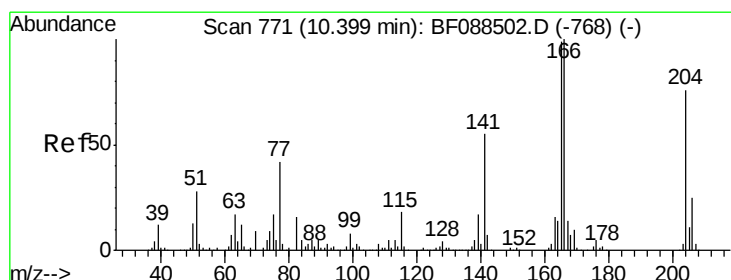
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	27.3	40.9#
89	83.6	50.4	75.6#
182	2.3	2.0	3.0



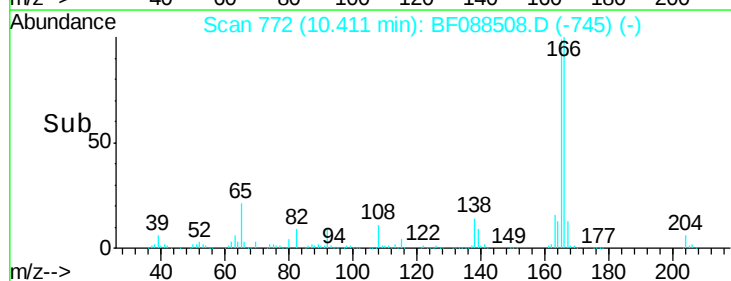
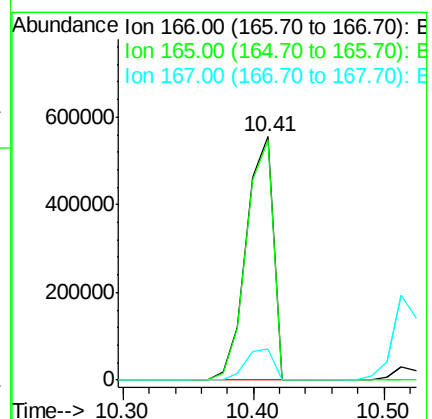
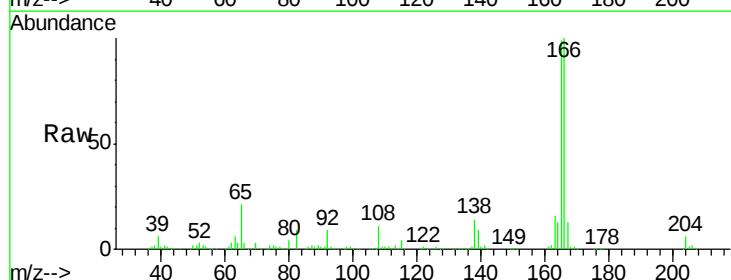
sohil

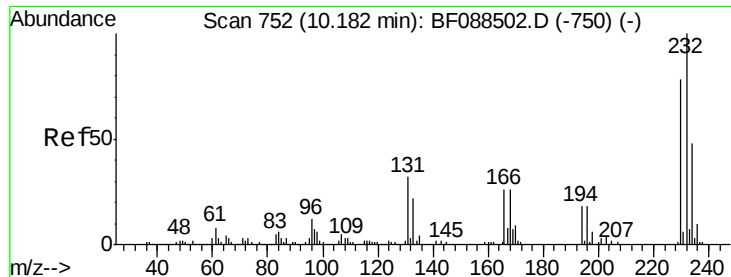
6/30/2016 7:46:30 PM



#57
Fluorene
Concen: 43.24 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	12.9	11.3	16.9

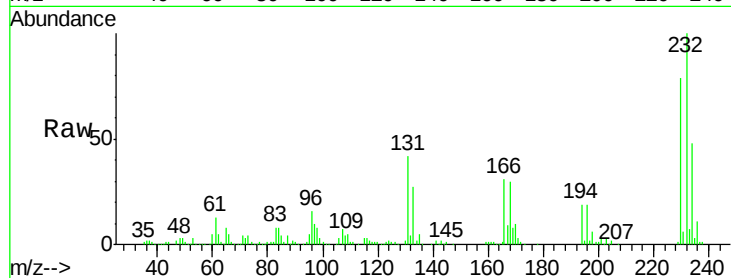




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.75 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampled :
PB91573BS

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	50.3	40.1	60.1	
130	2.5	2.2	3.4	
166	33.7	24.4	36.6	



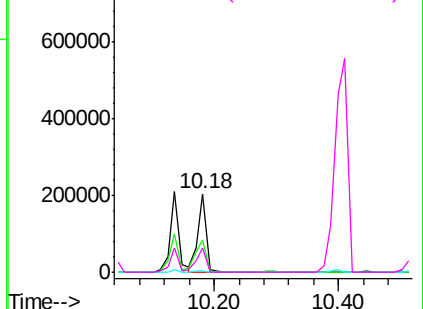
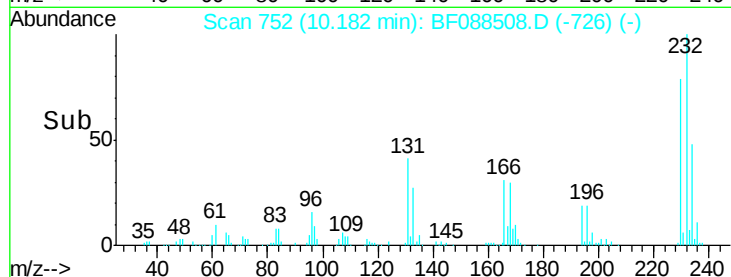
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

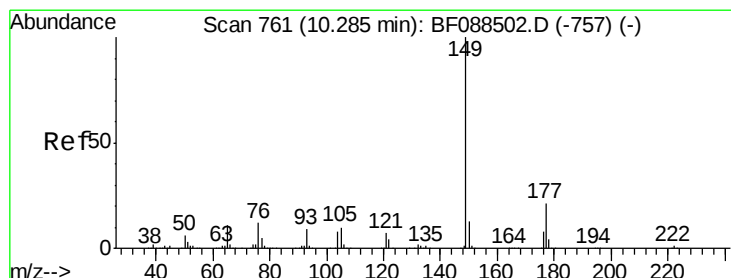
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



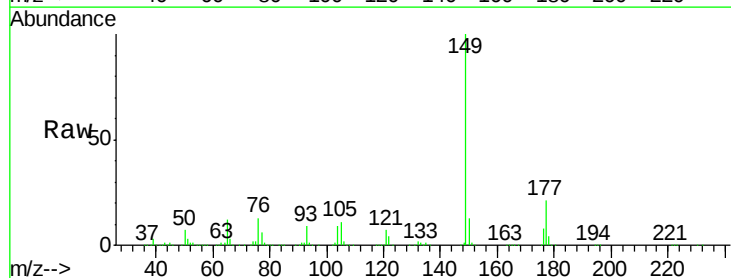
sohil

6/30/2016 7:46:30 PM



#59
Diethylphthalate
Concen: 39.64 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	20.6	16.8	25.2	
150	12.8	10.3	15.5	

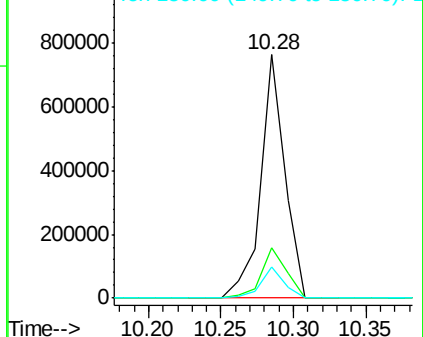
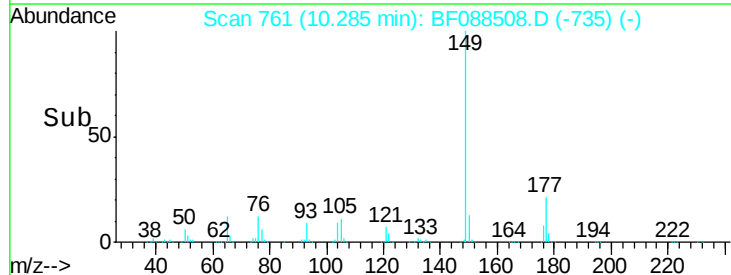


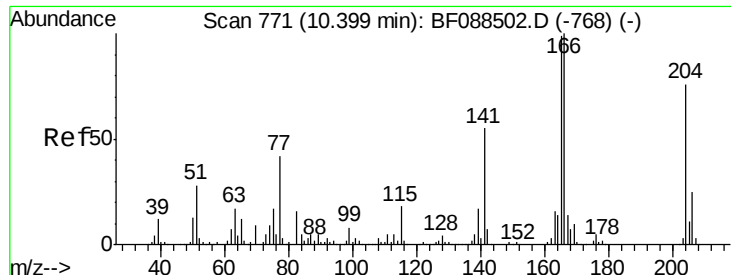
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

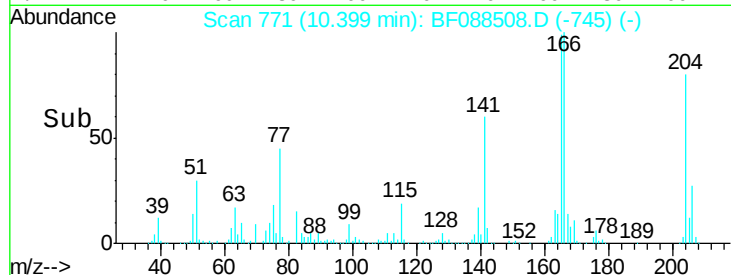
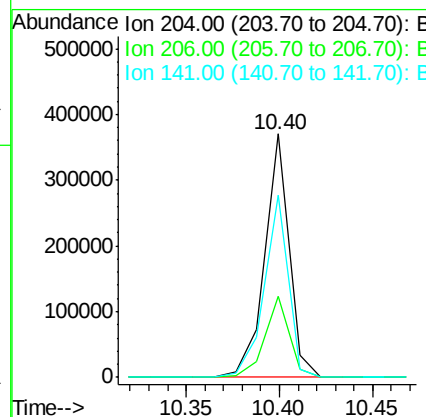
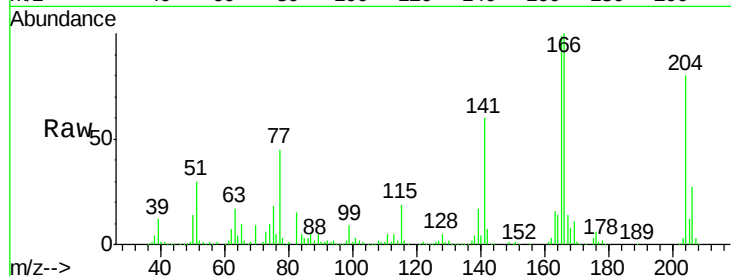




#60
 4-Chlorophenyl-phenylether
 Concen: 38.28 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

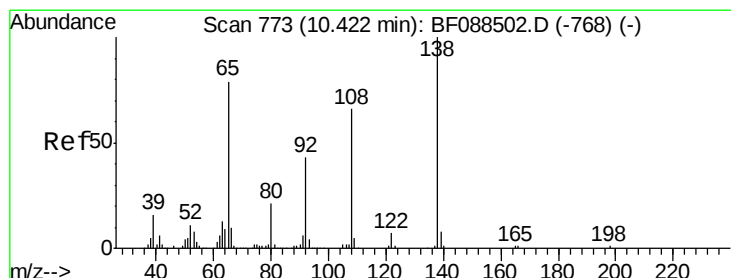
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tot Ion:	204	Resp:	332515
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.2	39.4
141	74.6	58.4	87.6



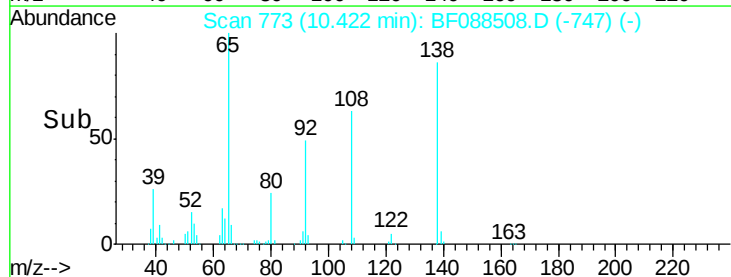
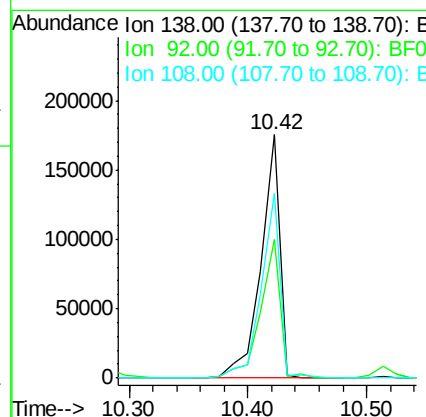
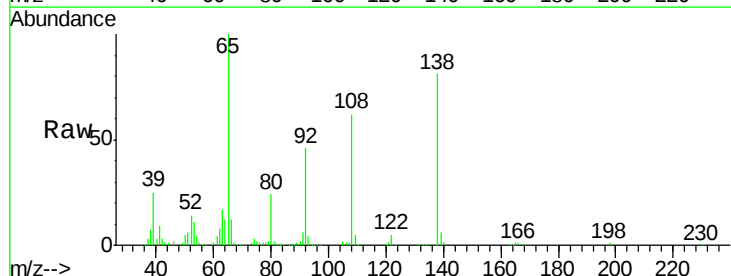
sohil

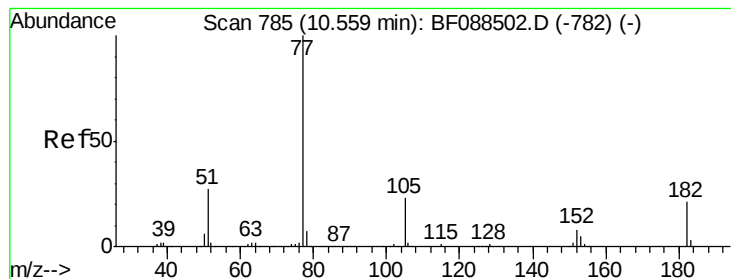
6/30/2016 7:46:30 PM



#61
 4-Nitroaniline
 Concen: 43.58 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:	138	Resp:	196149
Ion Ratio	Lower	Upper	
138	100		
92	56.8	23.4	63.4
108	76.0	45.9	85.9





#62

Azobenzene

Concen: 39.10 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tot Ion: 77 Resp: 1130407

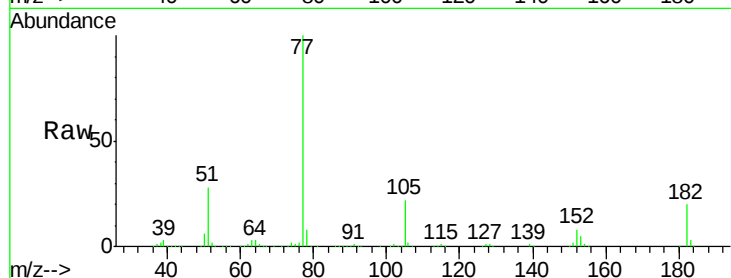
Ion Ratio Lower Upper

77 100

182 20.1 0.6 40.6

105 22.0 2.3 42.3

51 27.8 8.0 48.0

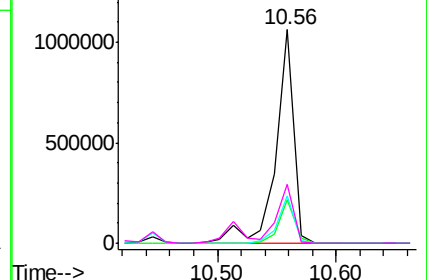
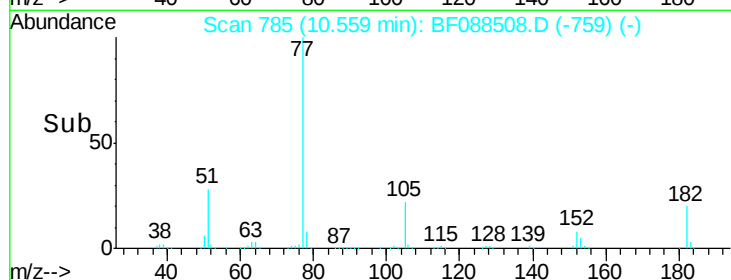


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

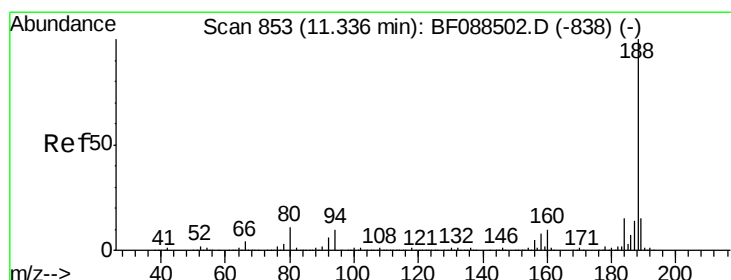
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



sohil

6/30/2016 7:46:30 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

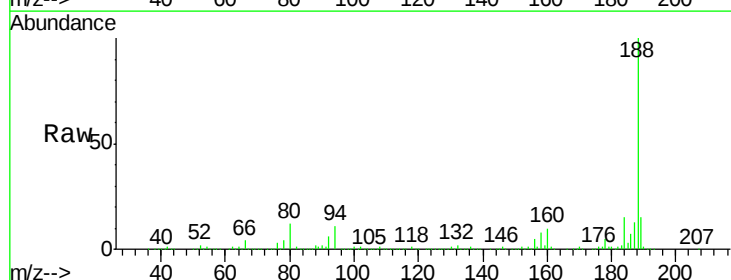
Tgt Ion: 188 Resp: 540964

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.8

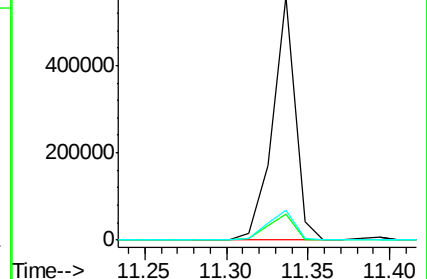
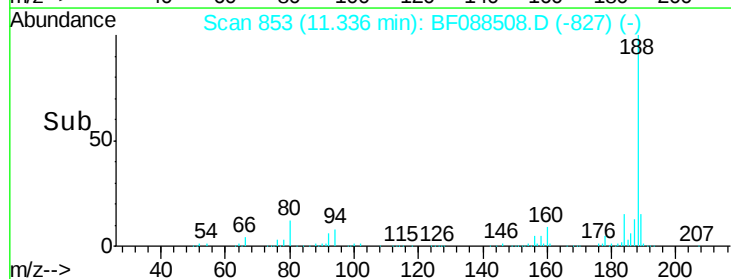
80 12.0 8.7 13.1

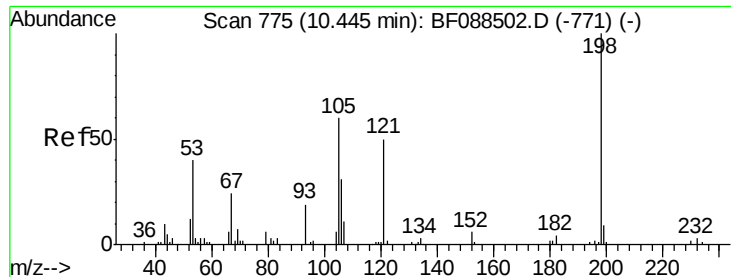


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 47.52 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

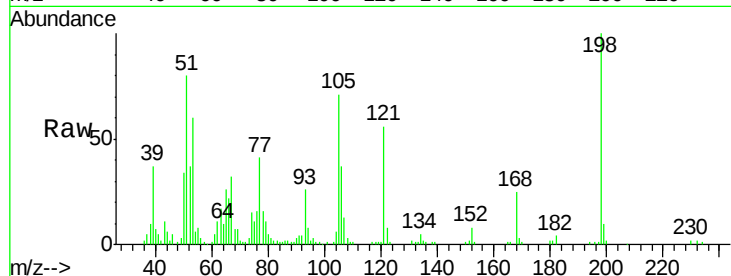
Tot Ion:198 Resp: 79238

Ion Ratio Lower Upper

198 100

51 80.2 42.4 82.4

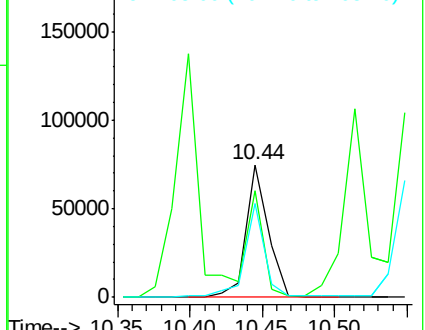
105 71.3 41.2 81.2



Abundance Ion 198.00 (197.70 to 198.70): E

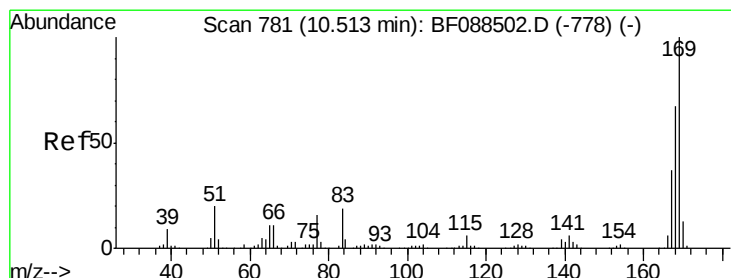
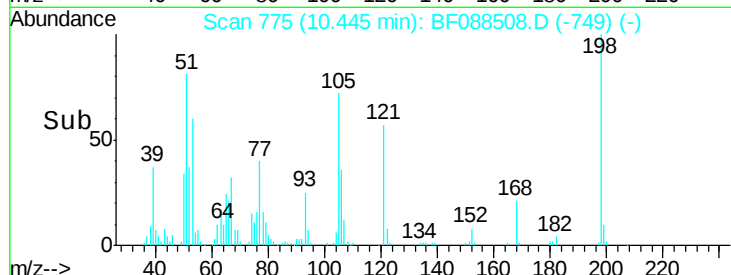
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



sohil

6/30/2016 7:46:30 PM



#65

n-Nitrosodiphenylamine

Concen: 37.45 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

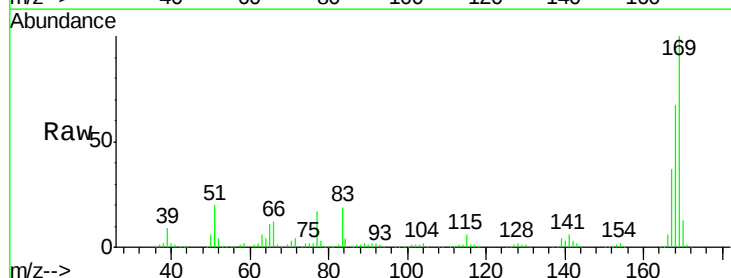
Tgt Ion:169 Resp: 725430

Ion Ratio Lower Upper

169 100

168 67.2 53.3 79.9

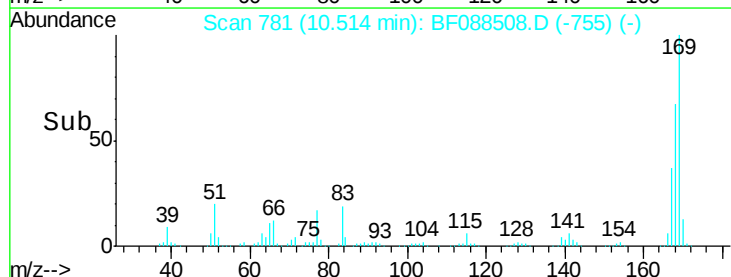
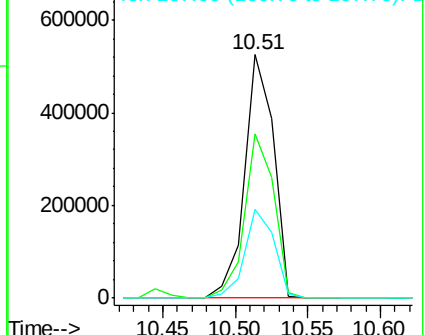
167 36.7 29.7 44.5

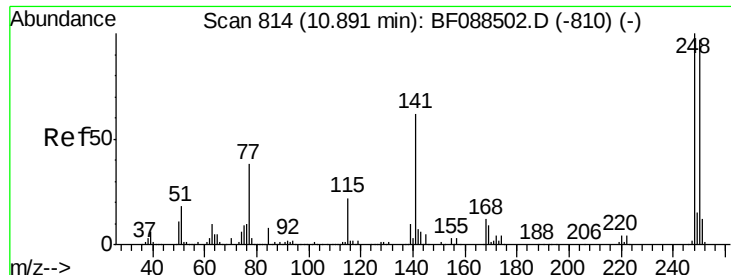


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

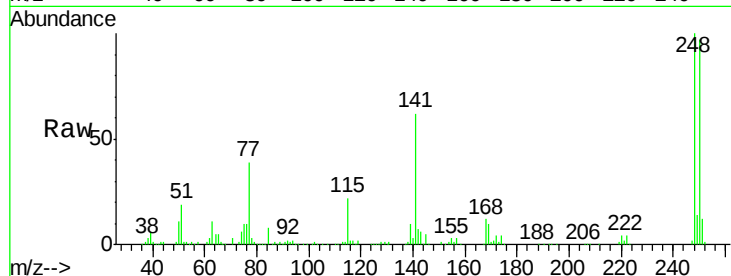




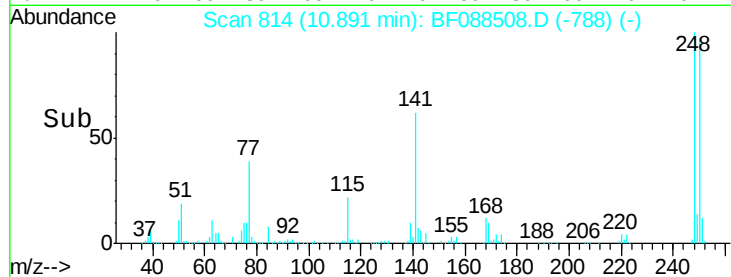
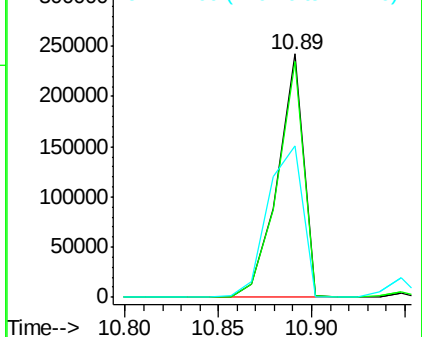
#66
 4-Bromophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampled :
 PB91573BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.7	116.5
141	62.1	49.2	73.8

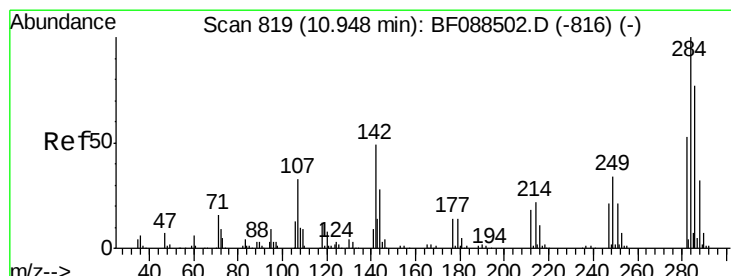


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



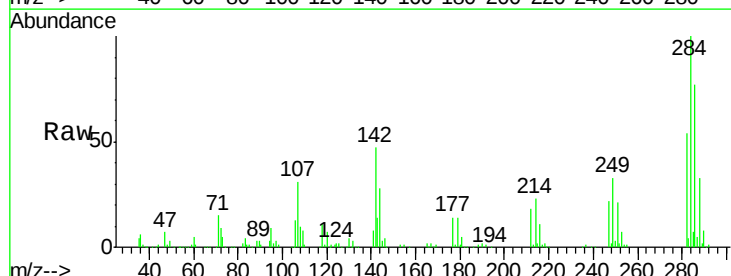
sohil

6/30/2016 7:46:30 PM

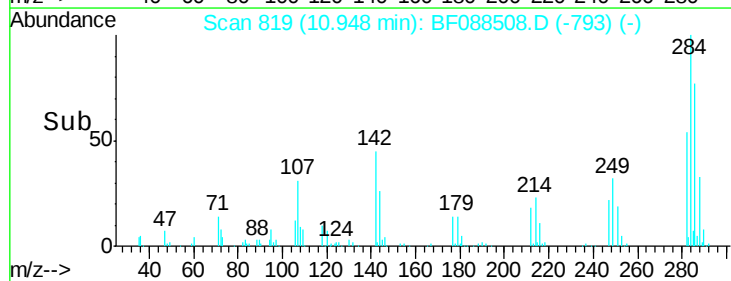
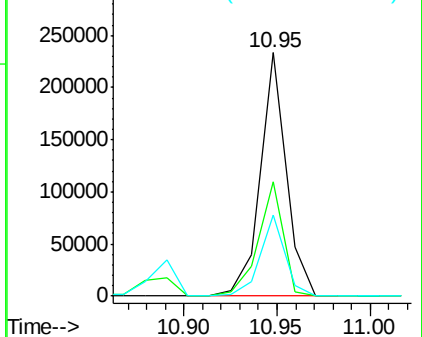


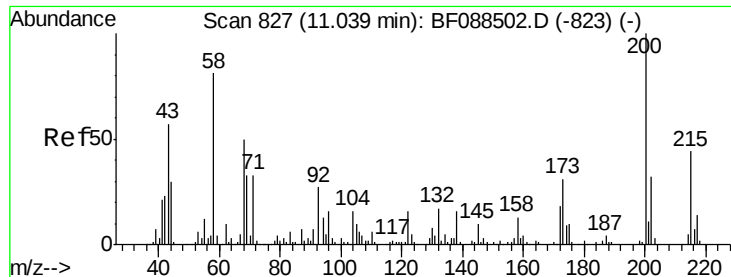
#67
 Hexachlorobenzene
 Concen: 37.50 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.2	39.0	58.4
249	33.5	27.0	40.4



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

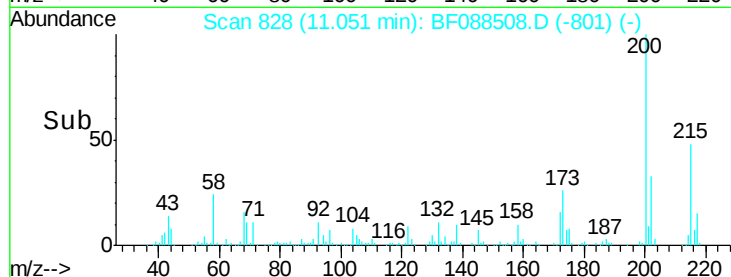
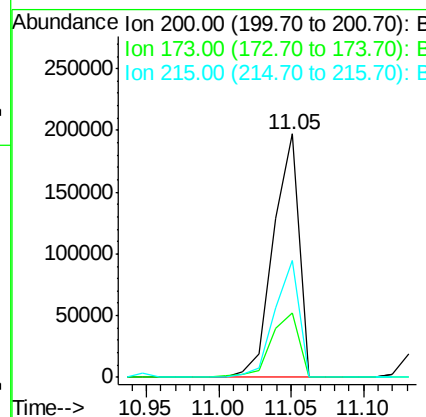
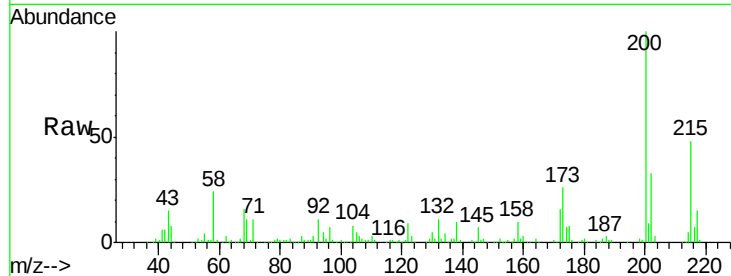




#68
Atrazine
Concen: 42.96 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

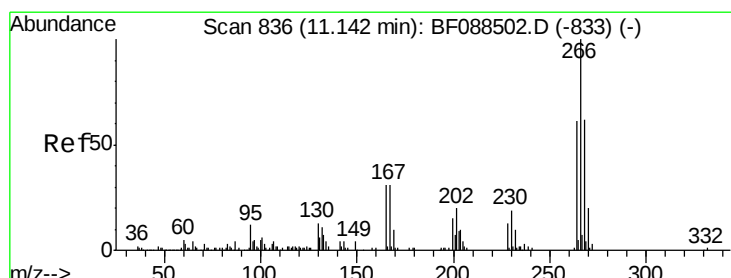
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	11.0	51.0
215	48.0	24.1	64.1



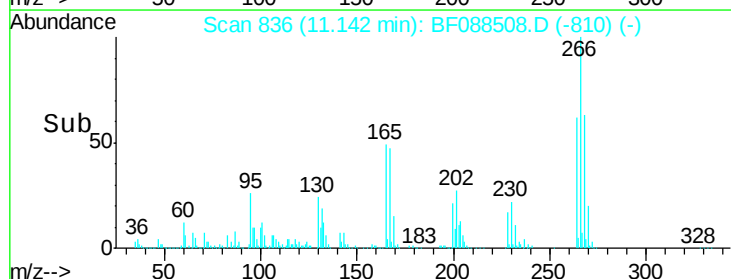
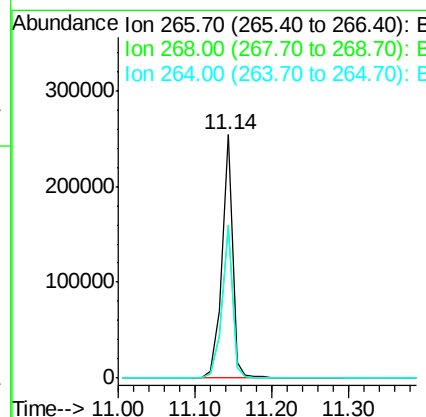
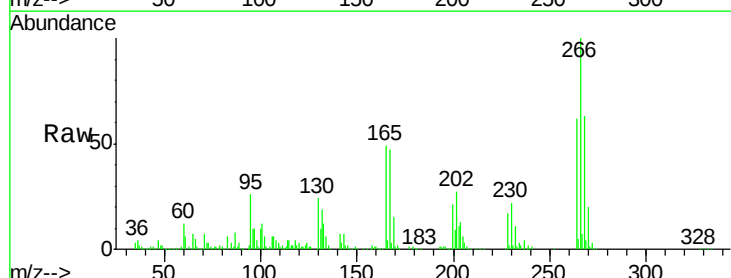
sohil

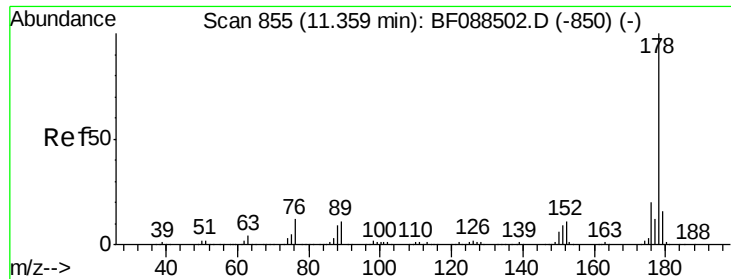
6/30/2016 7:46:30 PM



#69
Pentachlorophenol
Concen: 79.27 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.4	74.2
264	62.4	49.0	73.4

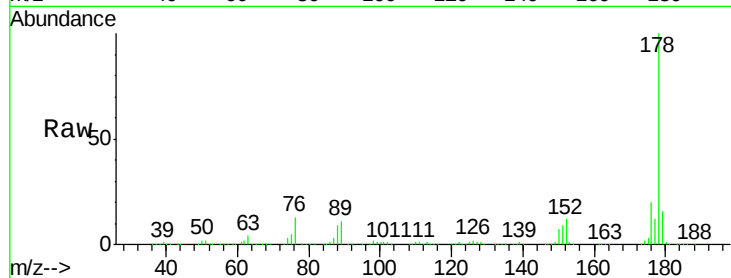




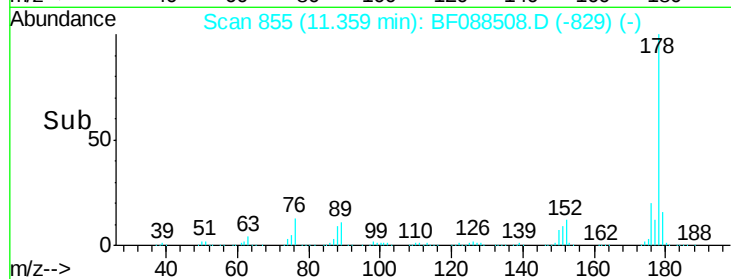
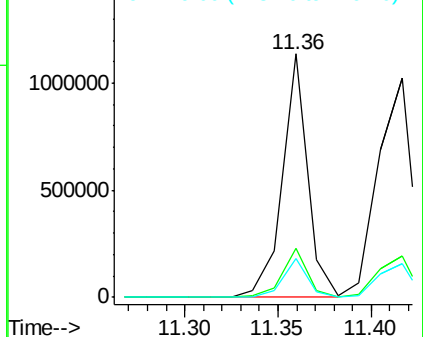
#70
Phenanthrene
Concen: 38.24 ng
RT: 11.36 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:178 Resp: 1073606
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.0 12.8 19.2

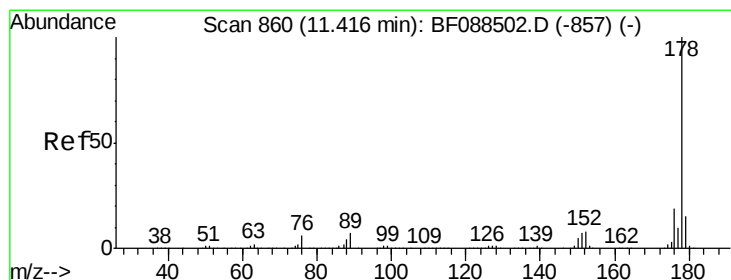


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



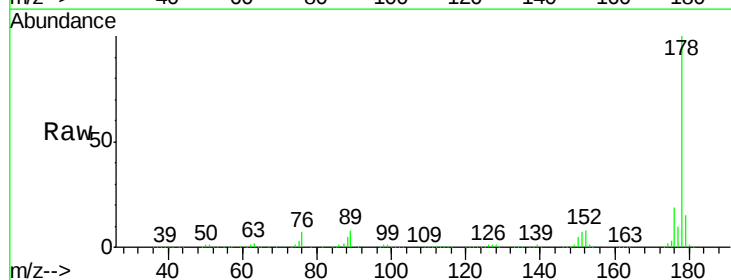
sohil

6/30/2016 7:46:30 PM

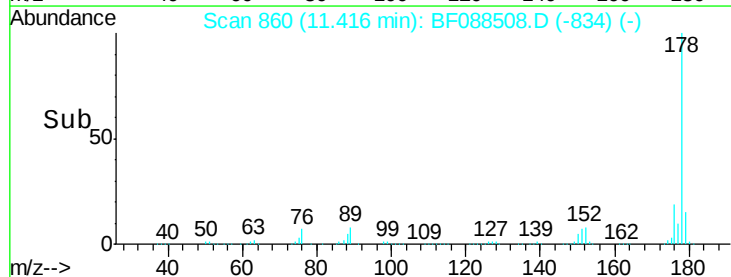
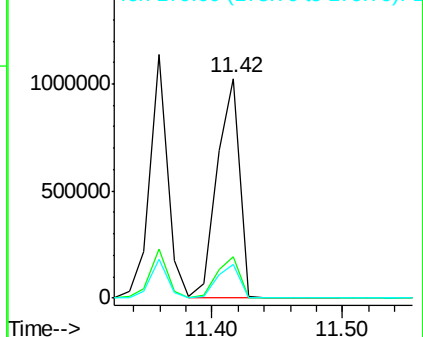


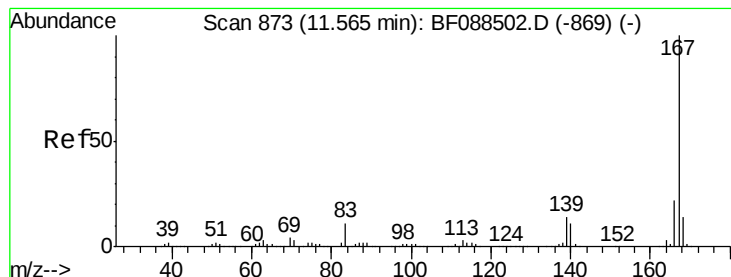
#71
Anthracene
Concen: 41.65 ng
RT: 11.42 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:178 Resp: 1226260
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.3 18.5



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: 42.62 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

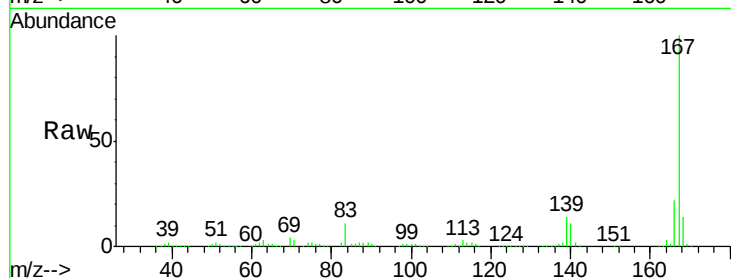
Tot Ion:167 Resp: 1076641

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

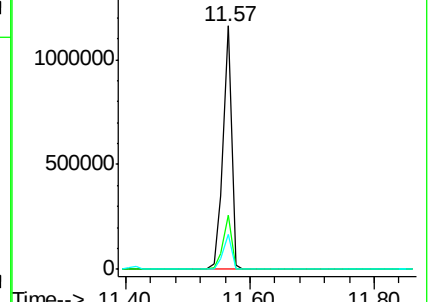
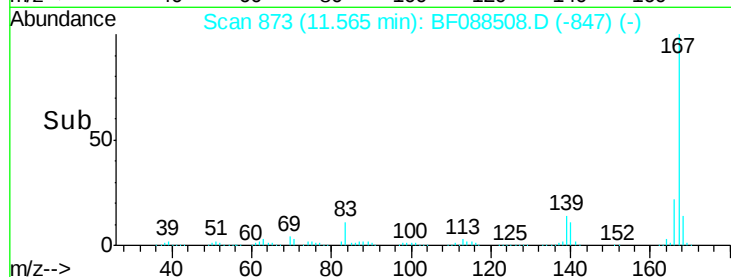
139 14.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

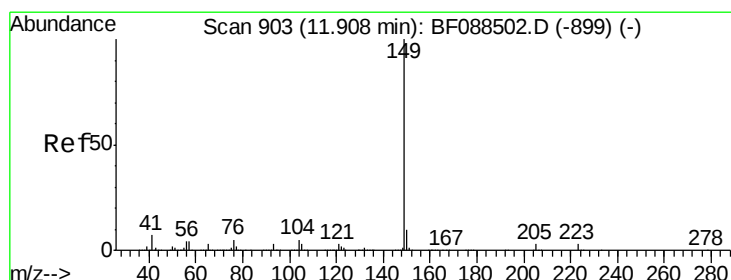
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



sohil

6/30/2016 7:46:30 PM



#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

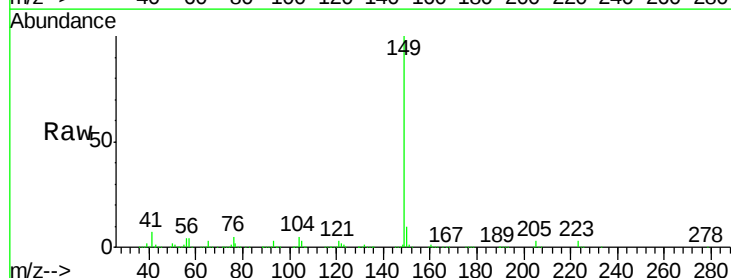
Tgt Ion:149 Resp: 1347209

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

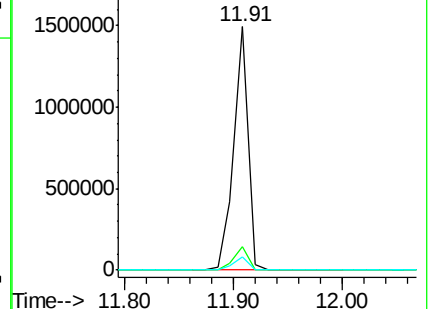
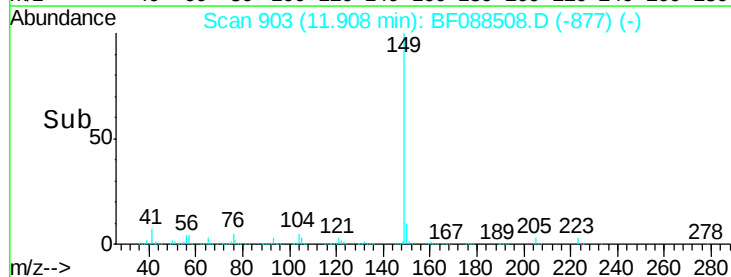
104 5.4 4.4 6.6

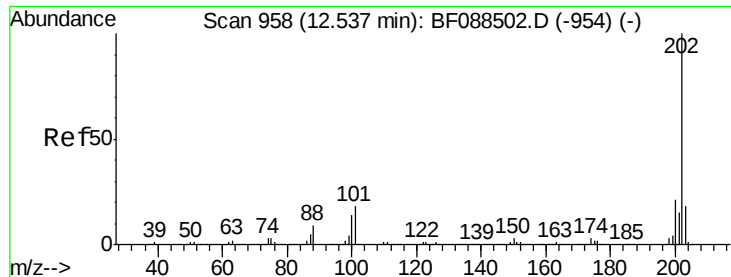


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.02 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

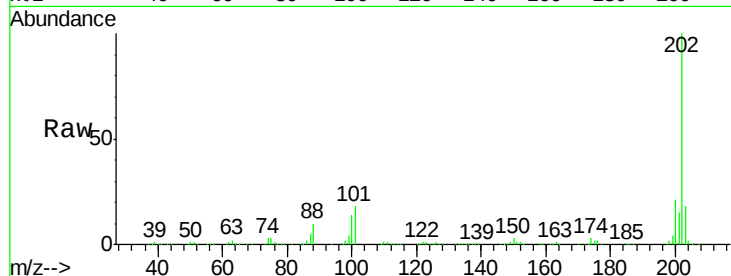
Tot Ion:202 Resp: 1048899

Ion Ratio Lower Upper

202 100

101 18.5 0.0 38.1

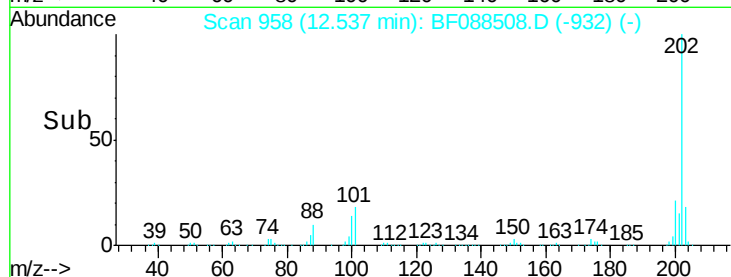
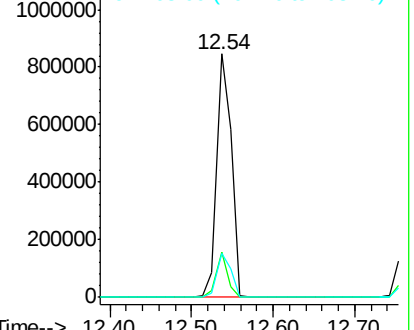
203 18.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

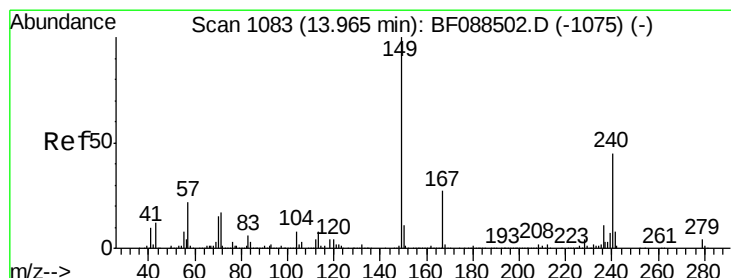
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



sohil

6/30/2016 7:46:30 PM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

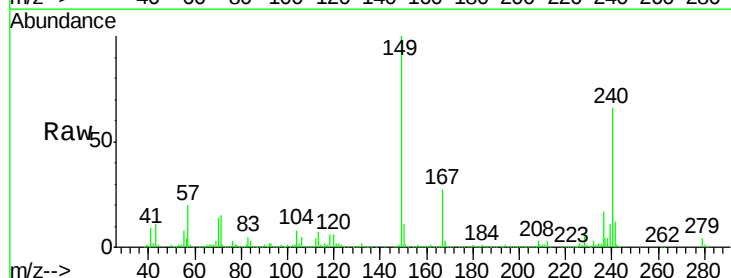
Tgt Ion:240 Resp: 290091

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

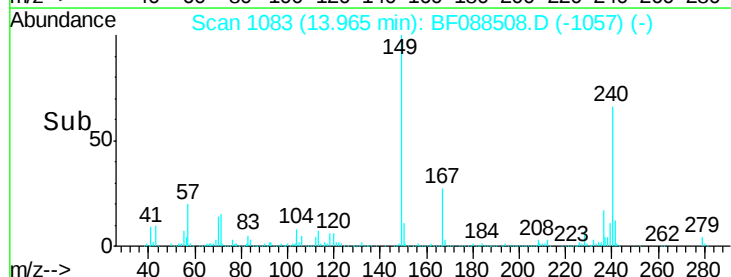
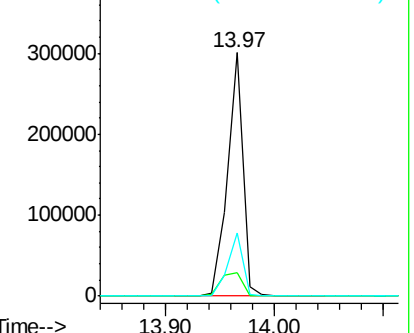
236 25.9 20.3 30.5

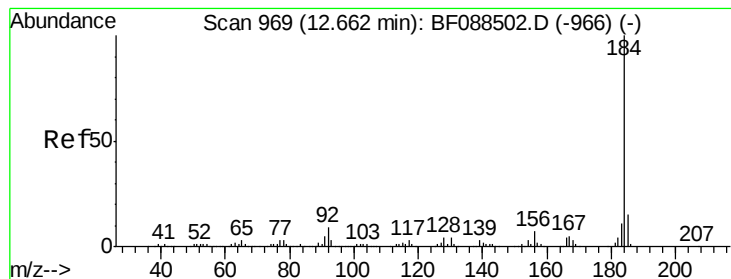


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

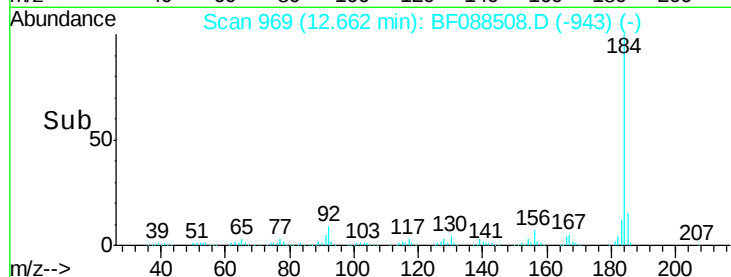
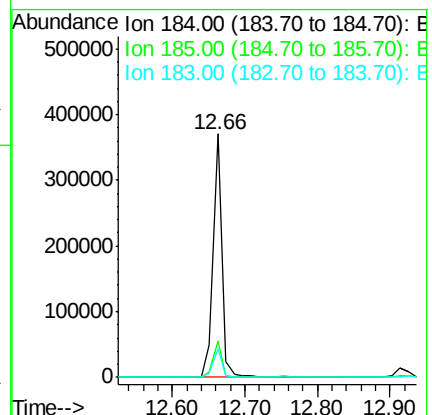
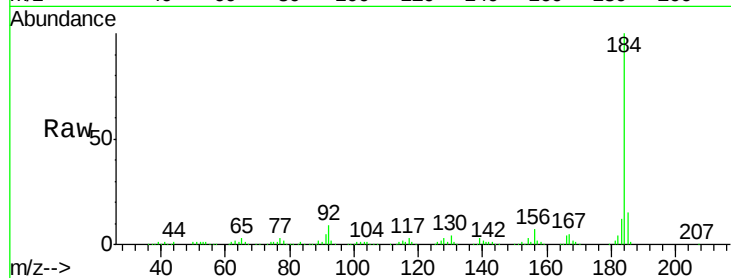




#76
Benzidine
Concen: 34.79 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

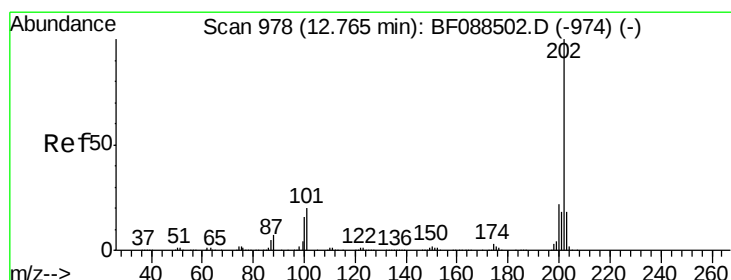
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	11.7	9.1	13.7



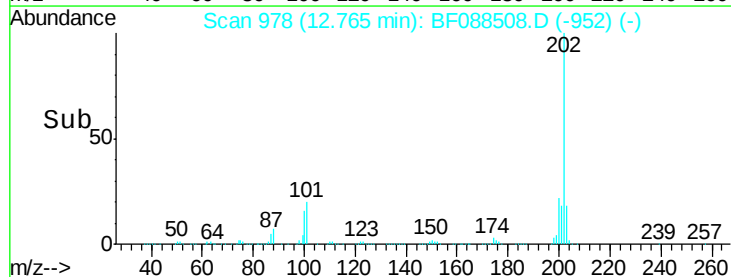
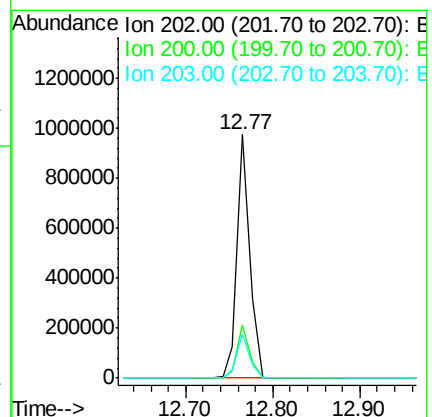
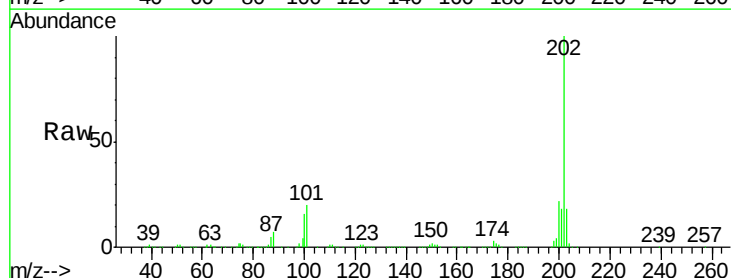
sohil

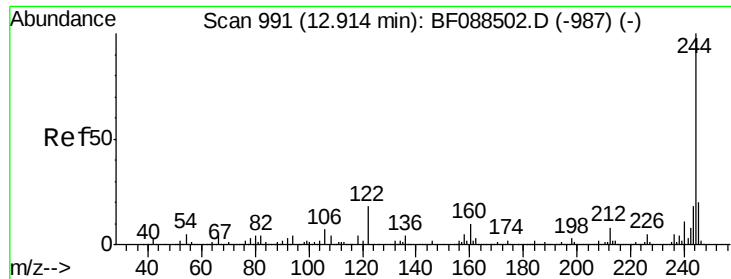
6/30/2016 7:46:30 PM



#77
Pyrene
Concen: 39.11 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.2	14.7	22.1



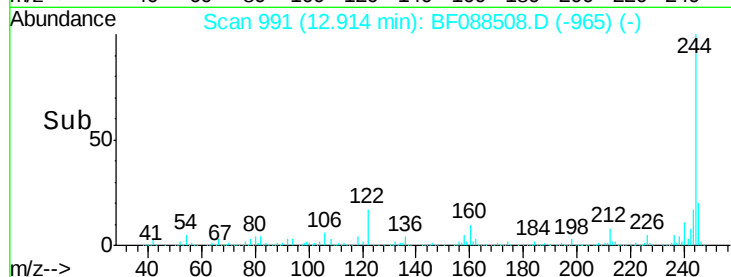
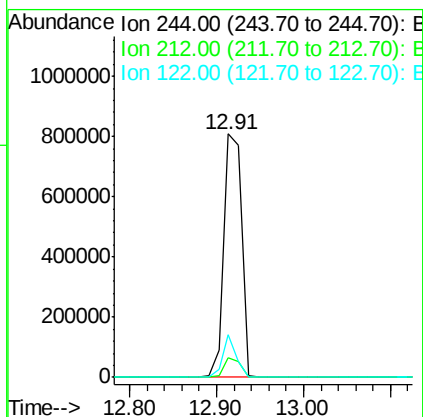
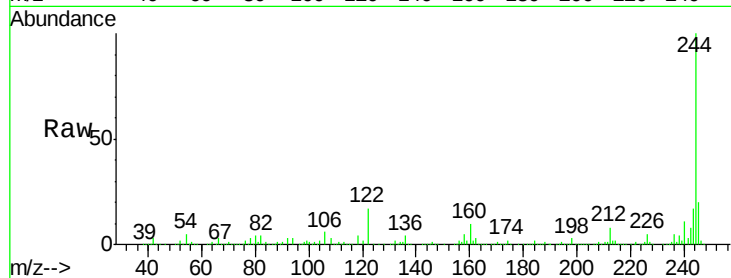


#78
 Terphenyl-d14
 Concen: 80.20 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

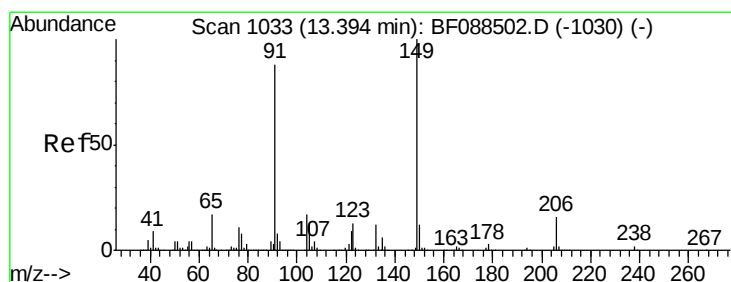
Tot Ion:244 Resp: 1155189

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	17.4	14.8	22.2



sohil

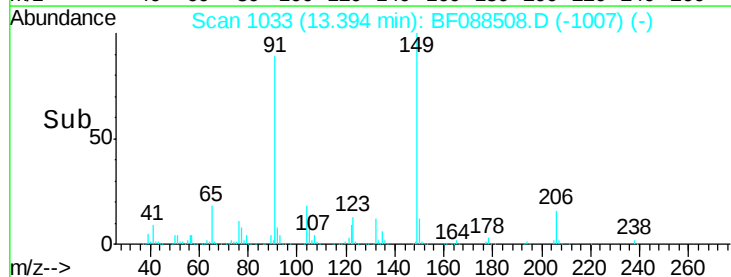
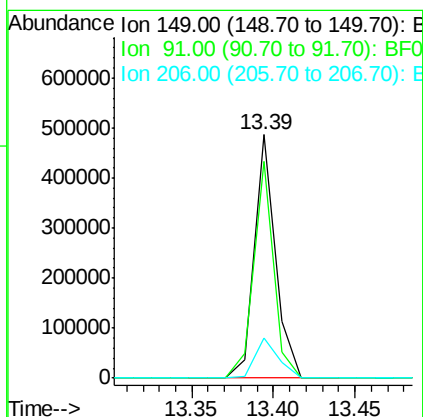
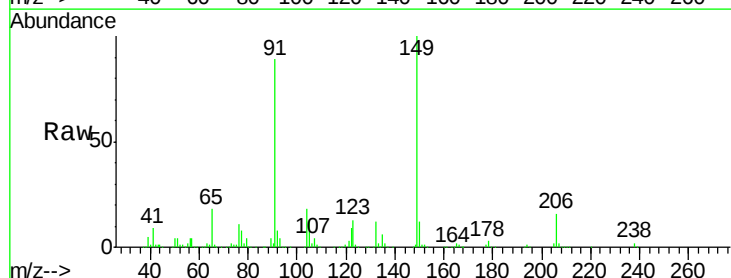
6/30/2016 7:46:30 PM

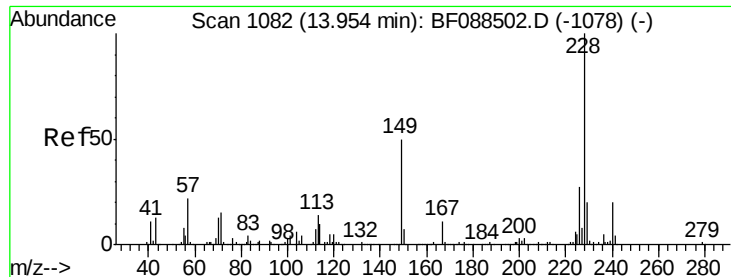


#79
 Butylbenzylphthalate
 Concen: 41.98 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:149 Resp: 438170

Ion	Ratio	Lower	Upper
149	100		
91	89.3	70.6	106.0
206	16.3	12.7	19.1

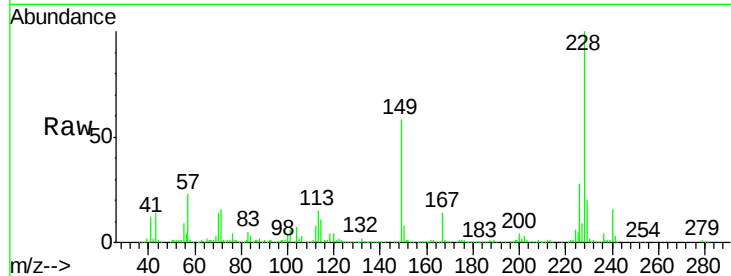




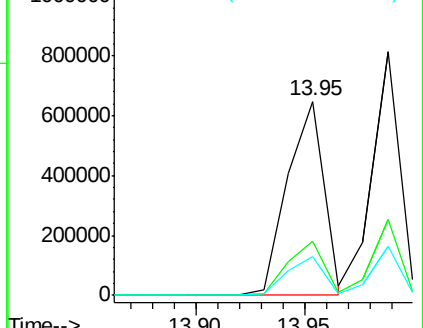
#80
Benzo(a)anthracene
Concen: 38.76 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.9	15.8	23.6

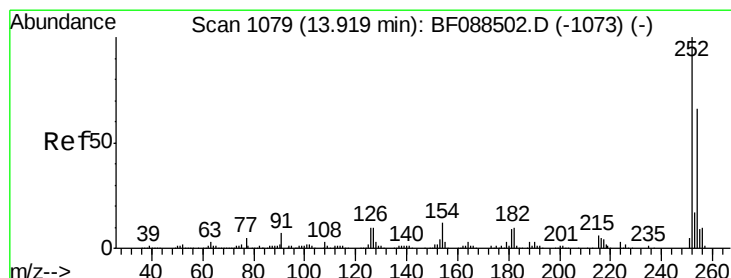
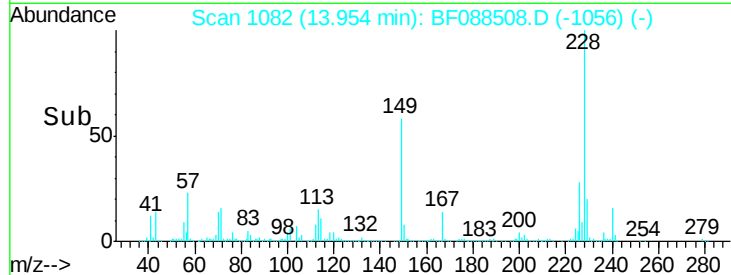


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



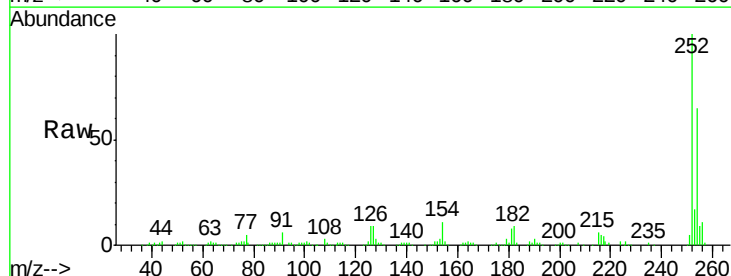
sohil

6/30/2016 7:46:30 PM

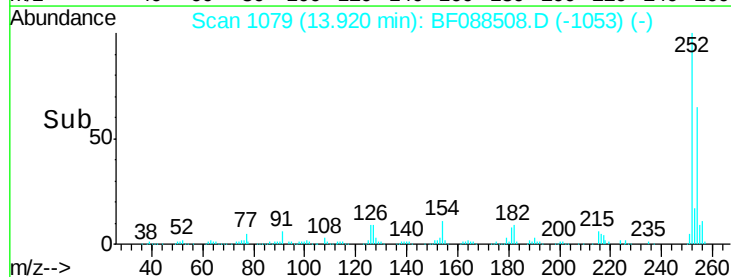
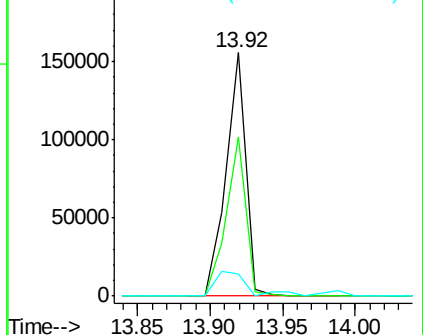


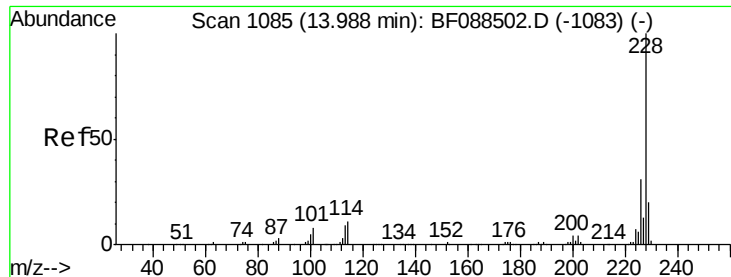
#81
3,3'-Dichlorobenzidine
Concen: 22.81 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	9.0	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

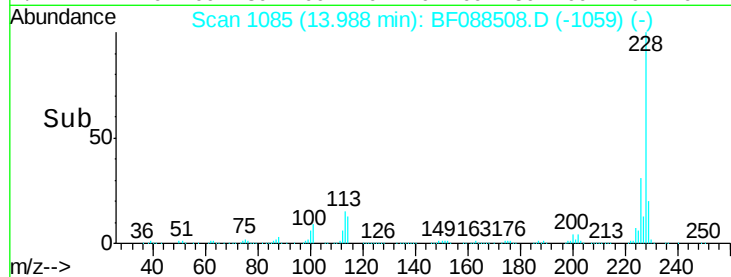
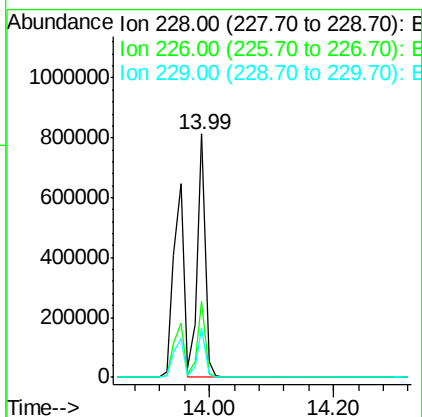
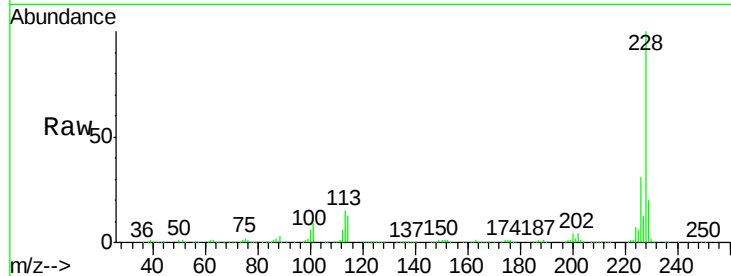




#82
Chrysene
Concen: 40.09 ng
RT: 13.99 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

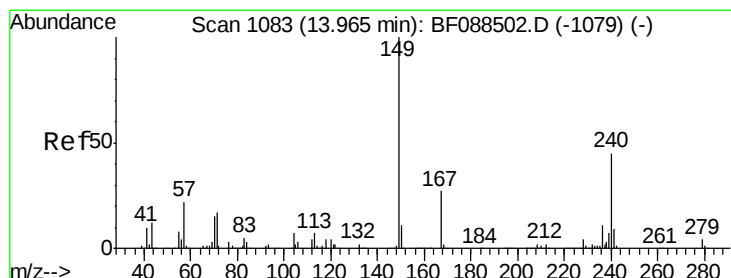
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	20.2	16.0	24.0



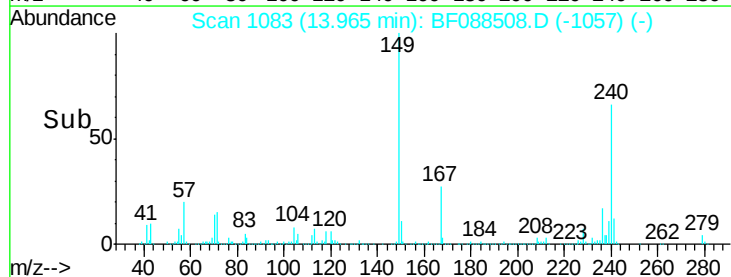
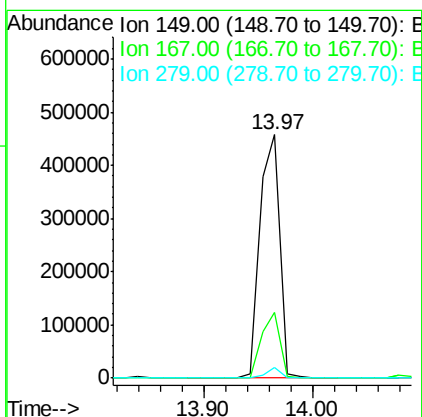
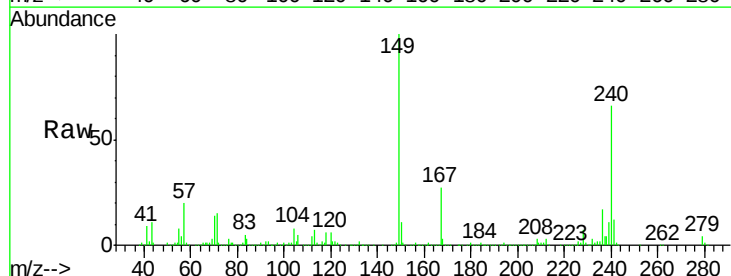
sohil

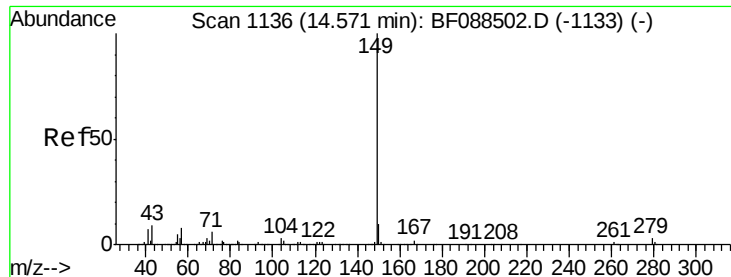
6/30/2016 7:46:30 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 40.52 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.1	3.0	4.4

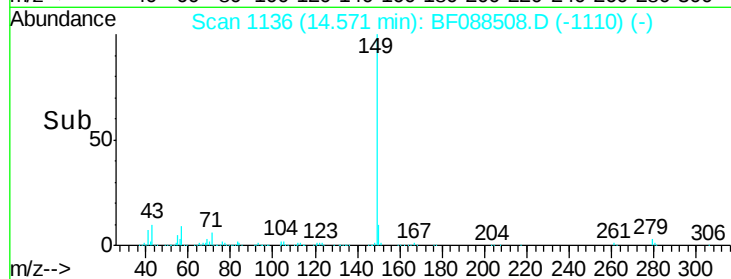
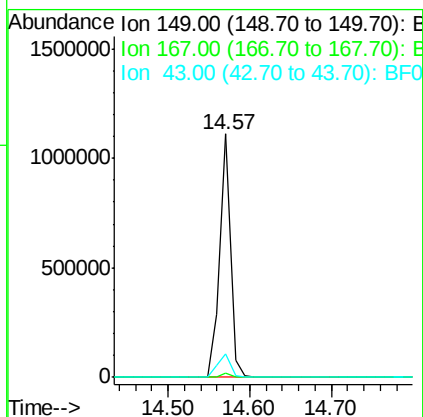
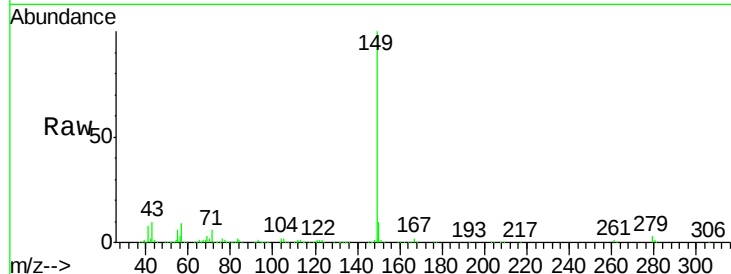




#84
Di-n-octyl phthalate
Concen: 41.16 ng
RT: 14.57 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

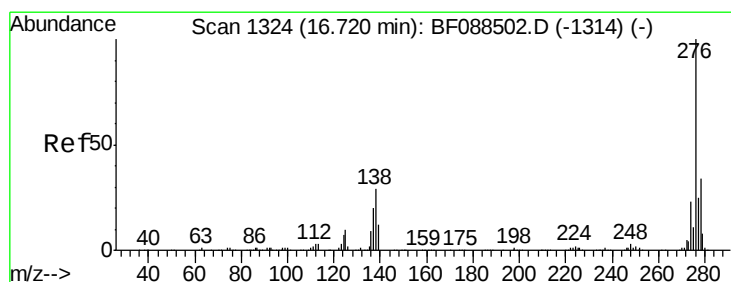
Instrument :
BNA_F
ClientSampled :
PB91573BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	11.3	0.0	0.0#



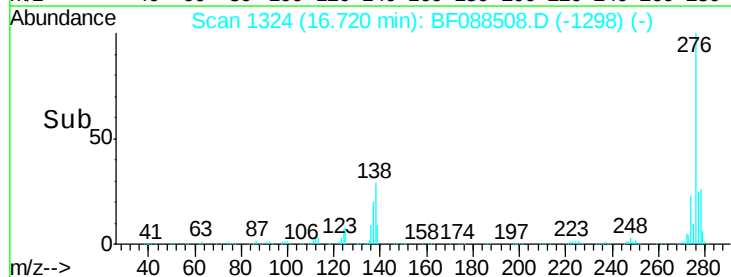
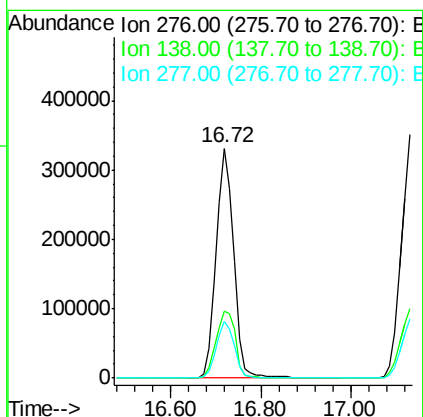
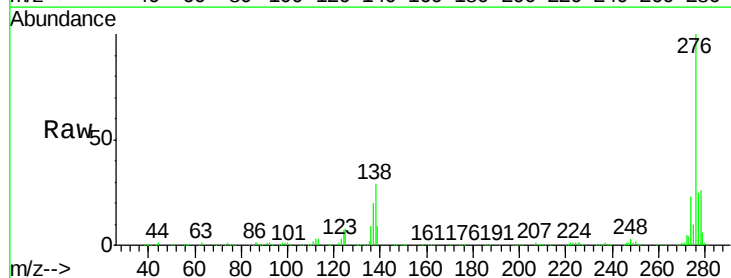
sohil

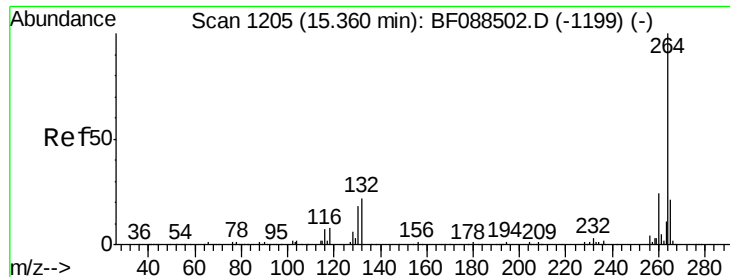
6/30/2016 7:46:30 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.14 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	0.0	0.0#
277	25.3	0.0	0.0#

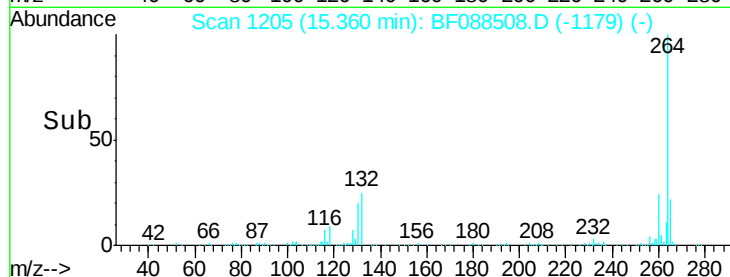
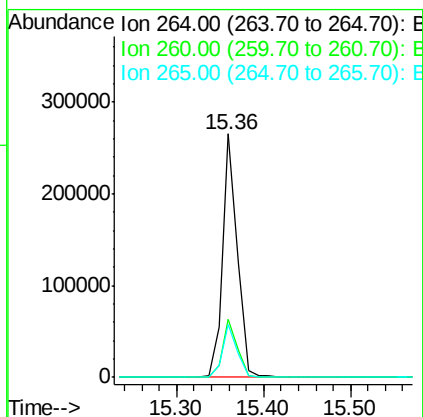
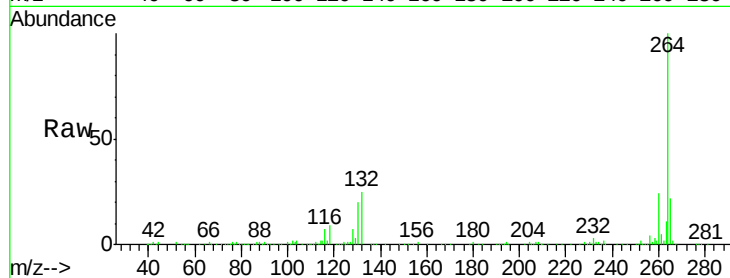




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

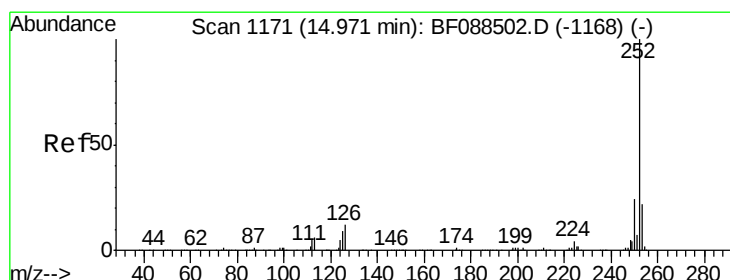
Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.8	17.1	25.7



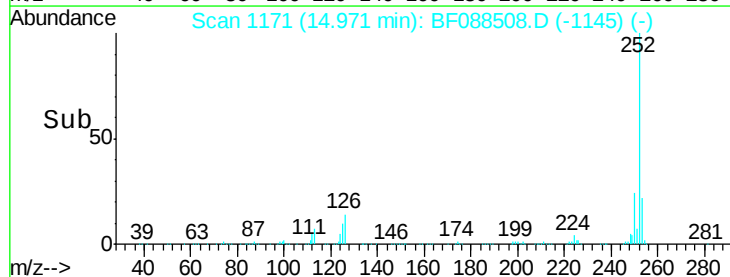
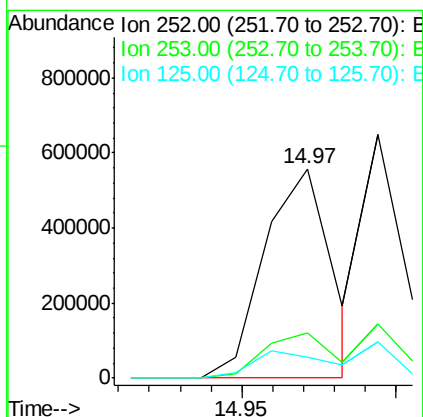
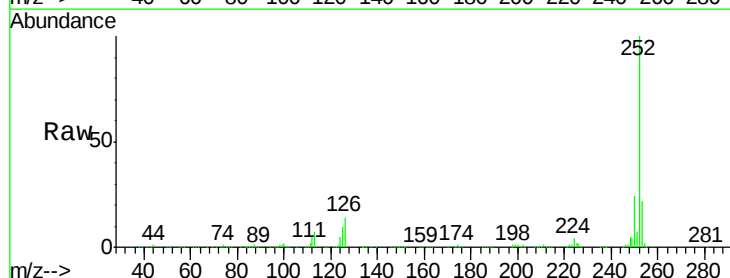
sohil

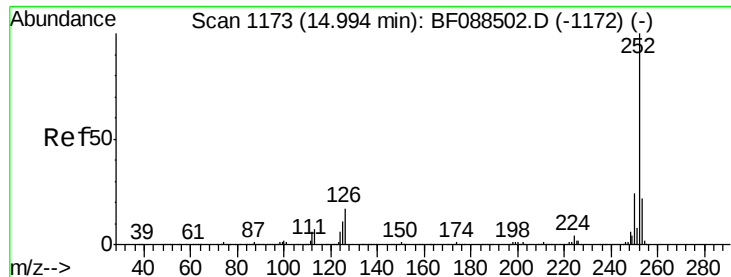
6/30/2016 7:46:30 PM



#87
Benzo(b)fluoranthene
Concen: 45.77 ng m
RT: 14.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.2	7.4	11.2





#88

Benzo(k)fluoranthene

Concen: 37.13 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

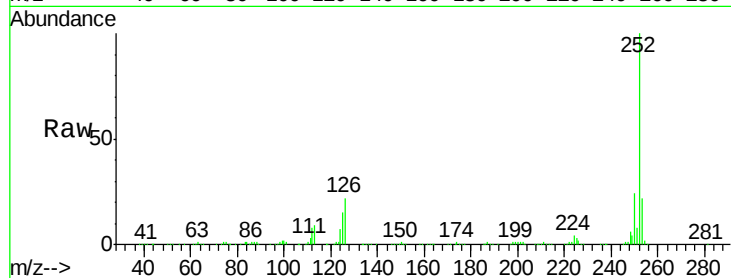
Tot Ion:252 Resp: 609039

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

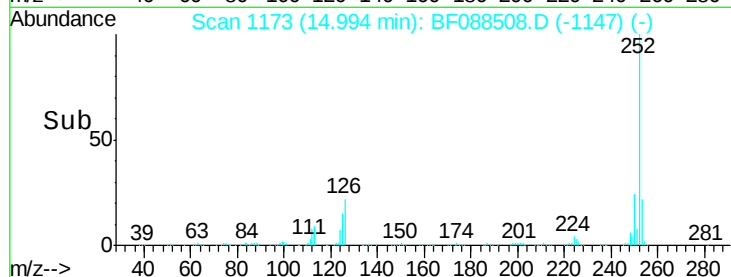
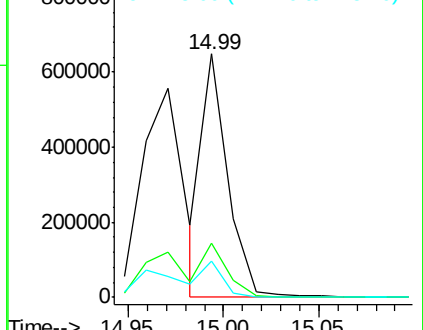
125 14.9 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E

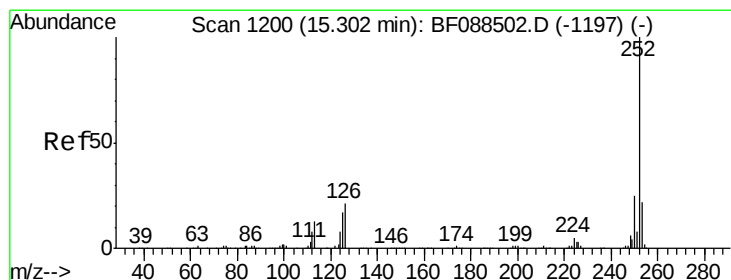
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



sohil

6/30/2016 7:46:30 PM



#89

Benzo(a)pyrene

Concen: 41.54 ng

RT: 15.30 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

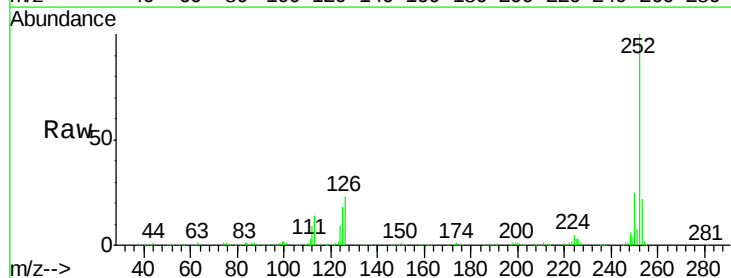
Tgt Ion:252 Resp: 728945

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

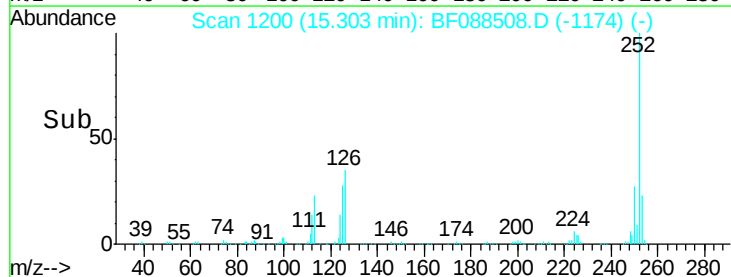
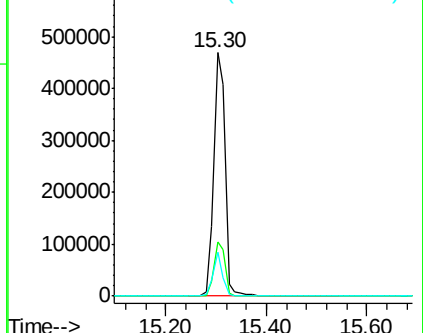
125 18.0 13.4 20.0

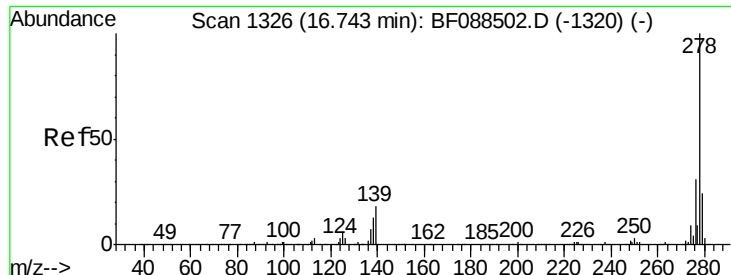


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

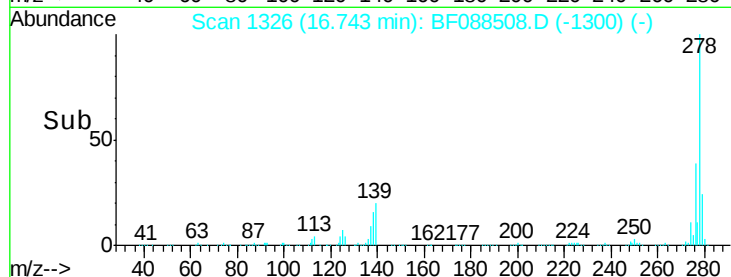
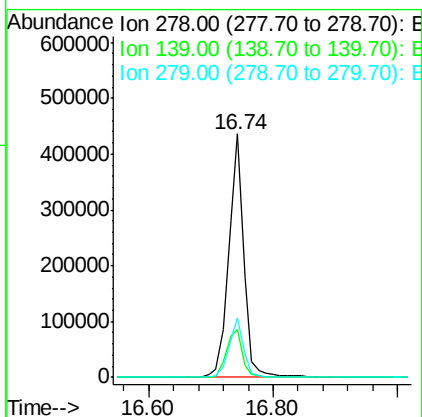
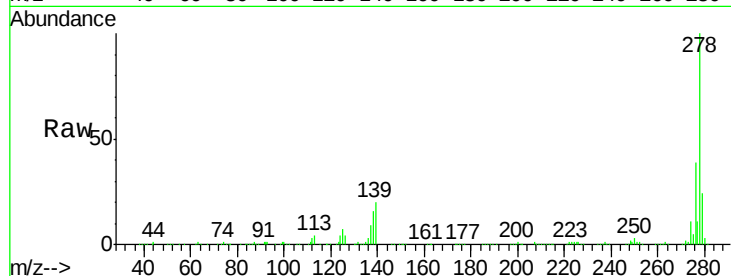




#90
Dibenzo(a,h)anthracene
Concen: 41.37 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

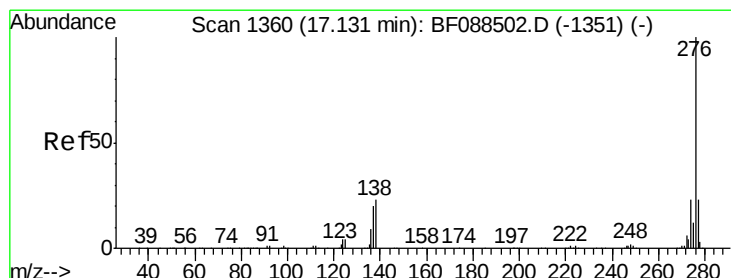
Instrument :
BNA_F
ClientSampled :
PB91573BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.0	21.0
279	24.3	19.1	28.7



sohil

6/30/2016 7:46:30 PM



#91
Benzo(g,h,i)perylene
Concen: 41.49 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	28.4	18.7	28.1#

