

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088714.D
 Acq On : 5 Jul 2016 20:40
 Operator : UM/SJ
 Sample : H3808-25MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Quant Time: Jul 06 02:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110226	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	431499	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	209868	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	398163	20.00	ng	0.00
75) Chrysene-d12	13.91	240	268572	20.00	ng	-0.01
86) Perylene-d12	15.29	264	208638	20.00	ng	-0.01

sohil

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	750137	101.99	ng	0.01
7) Phenol-d6	6.41	99	941756	99.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	588608	71.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	204177	104.77	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1132467	85.24	ng	0.00
78) Terphenyl-d14	12.87	244	824020	68.34	ng	0.00

7/6/2016 7:19:22 PM

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	90410	24.79	ng	# 33
3) Pyridine	3.07	79	121083	11.44	ng	90
4) n-Nitrosodimethylamine	3.00	42	59736	14.78	ng	93
6) Aniline	6.43	93	151356	10.93	ng	# 83
8) 2-Chlorophenol	6.56	128	154915	19.60	ng	95
9) Benzaldehyde	6.32	77	96573	15.00	ng	98
10) Phenol	6.42	94	138655	12.78	ng	# 46
11) bis(2-Chloroethyl)ether	6.51	93	143021	17.68	ng	91
12) 1,3-Dichlorobenzene	6.72	146	144734m	16.64	ng	
13) 1,4-Dichlorobenzene	6.79	146	142486	16.50	ng	94
14) 1,2-Dichlorobenzene	6.95	146	147609m	18.27	ng	
15) Benzyl Alcohol	6.91	79	131735	18.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	179865	15.36	ng	90
17) 2-Methylphenol	7.04	107	123404	19.14	ng	96
18) Hexachloroethane	7.29	117	60021	17.97	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	105527	16.53	ng	93
20) 3+4-Methylphenols	7.19	107	152924	19.76	ng	# 83
22) Acetophenone	7.19	105	217234	20.74	ng	# 90
24) Nitrobenzene	7.36	77	176577	21.27	ng	92
25) Isophorone	7.60	82	312502	20.49	ng	98
26) 2-Nitrophenol	7.68	139	77081	22.64	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	114048	16.08	ng	88
28) bis(2-Chloroethoxy)methane	7.82	93	204997	20.65	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	127174	22.19	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	123077	19.57	ng	99
31) Naphthalene	8.08	128	426708	20.06	ng	99
33) 4-Chloroaniline	8.12	127	122624	12.96	ng	94
34) Hexachlorobutadiene	8.20	225	69167	20.54	ng	99
35) Caprolactam	8.51	113	29587m	15.20	ng	
36) 4-Chloro-3-methylphenol	8.62	107	137778	20.33	ng	92
37) 2-Methylnaphthalene	8.78	142	286005	20.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	113951	16.32	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	154906	45.21	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	87581	19.03	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088714.D
 Acq On : 5 Jul 2016 20:40
 Operator : UM/SJ
 Sample : H3808-25MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Quant Time: Jul 06 02:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	80998	20.46	nq	# 90
45) 1,1'-Biphenyl	9.23	154	349882	20.13	nq	99
46) 2-Chloronaphthalene	9.26	162	268560	19.68	nq	98
47) 2-Nitroaniline	9.35	65	85522	17.66	nq	95
48) Acenaphthylene	9.67	152	423850	19.53	nq	100
49) Dimethylphthalate	9.54	163	503736	33.69	nq	99
50) 2,6-Dinitrotoluene	9.60	165	72734	21.95	nq	96
51) Acenaphthene	9.84	154	249311	18.74	nq	98
52) 3-Nitroaniline	9.76	138	70888	16.83	nq	99
53) 2,4-Dinitrophenol	9.86	184	8702	5.95	nq	95
54) Dibenzofuran	10.01	168	368593	21.16	nq	# 88
55) 4-Nitrophenol	9.93	139	175476	54.82	nq	# 74
56) 2,4-Dinitrotoluene	10.00	165	92326	21.31	nq	98
57) Fluorene	10.35	166	299940	22.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	58237	19.01	nq	# 50
59) Diethylphthalate	10.24	149	328829	21.91	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	132896	21.31	nq	91
61) 4-Nitroaniline	10.36	138	66675	16.45	nq	85
62) Azobenzene	10.51	77	362436	21.18	nq	90
64) 4,6-Dinitro-2-methylphenol	10.40	198	15133	7.11	nq	84
65) n-Nitrosodiphenylamine	10.47	169	266764	19.80	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	76639	19.10	nq	# 74
67) Hexachlorobenzene	10.90	284	89951	20.25	nq	# 84
68) Atrazine	10.99	200	79661	18.97	nq	92
69) Pentachlorophenol	11.10	266	76486	29.10	nq	98
70) Phenanthrene	11.31	178	431992	19.85	nq	98
71) Anthracene	11.36	178	422818	19.54	nq	99
72) Carbazole	11.52	167	386411	18.97	nq	97
73) Di-n-butylphthalate	11.85	149	460936	19.45	nq	98
74) Fluoranthene	12.49	202	439593	19.92	nq	98
76) Benzidine	12.62	184	124577	9.18	nq	97
77) Pyrene	12.72	202	443628	19.48	nq	98
79) Butylbenzylphthalate	13.35	149	282657	27.83	nq	99
80) Benzo(a)anthracene	13.90	228	332723	19.24	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	79522	12.23	nq	# 95
82) Chrysene	13.93	228	300996	17.59	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	397892	34.31	nq	# 99
84) Di-n-octyl phthalate	14.51	149	392594	19.93	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.62	276	240521	18.27	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	242581m	18.53	nq	
88) Benzo(k)fluoranthene	14.94	252	257345m	22.59	nq	
89) Benzo(a)pyrene	15.23	252	224427	20.25	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	198260	21.43	nq	97
91) Benzo(g,h,i)perylene	17.02	276	205232	21.43	nq	99

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

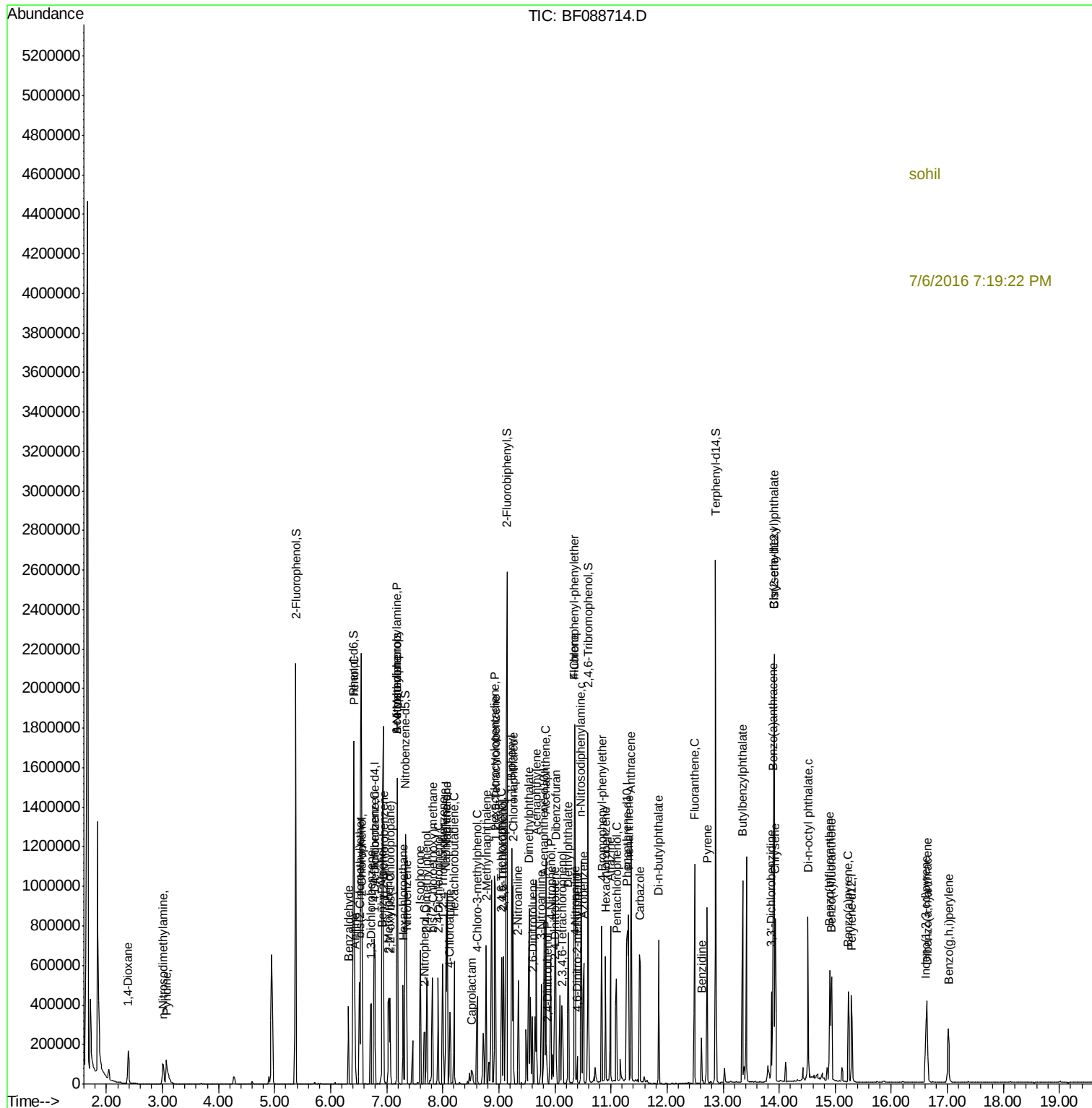
```

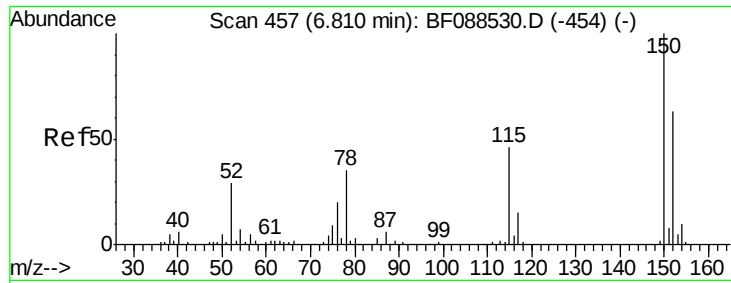
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088714.D
Acq On    : 5 Jul 2016 20:40
Operator  : UM/SJ
Sample    : H3808-25MS
Misc      :
ALS Vial  : 9 Sample Multiplier: 1

```

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Quant Time: Jul 06 02:06:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration



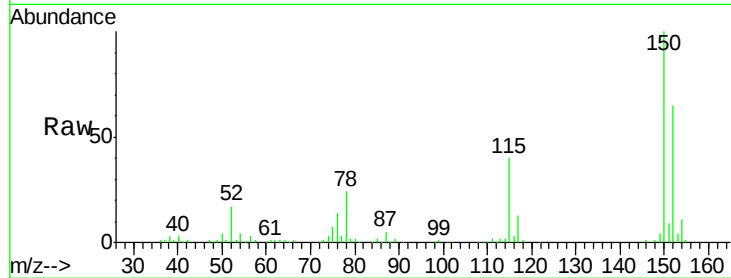


#1

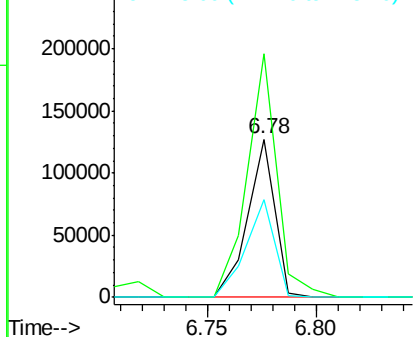
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	61.7	39.6	59.4

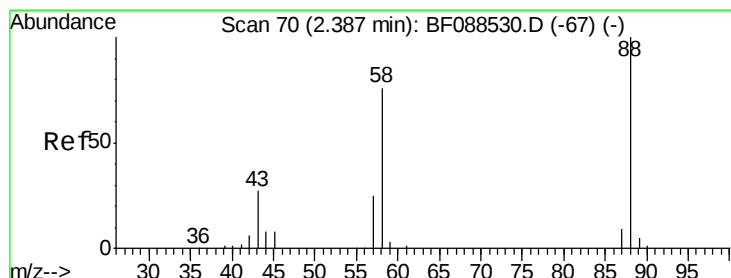
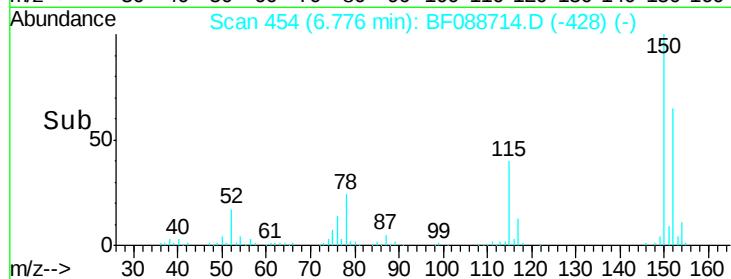


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



sohil

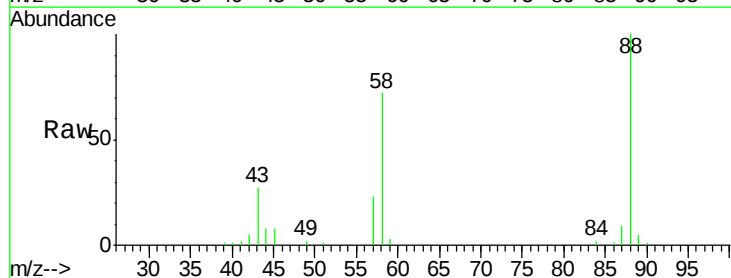
7/6/2016 7:19:22 PM



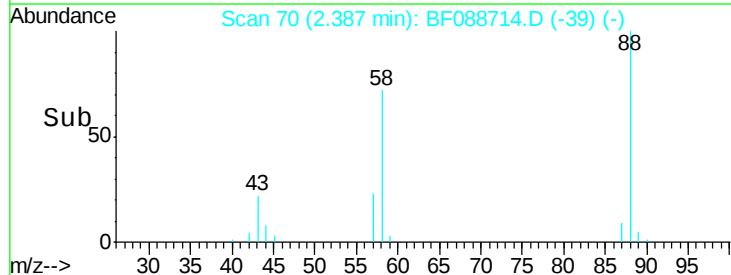
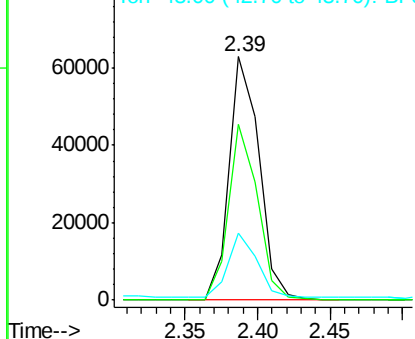
#2

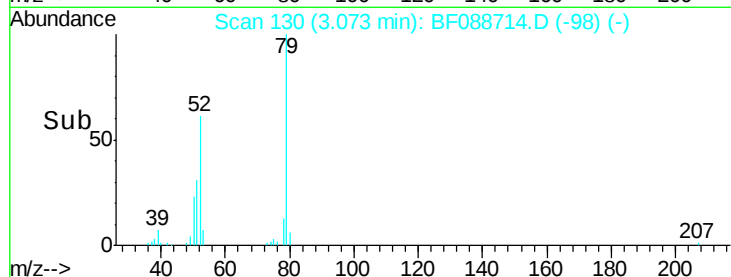
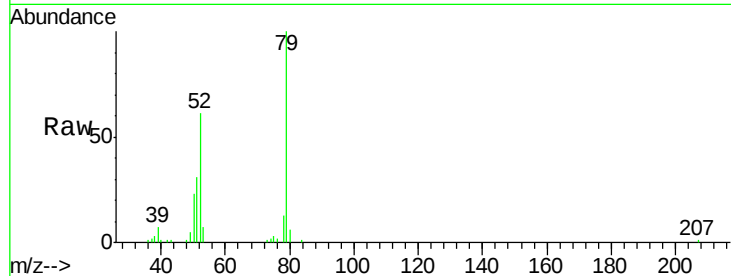
1,4-Dioxane
Concen: 24.79 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	0.0	0.0
43	26.4	3.4	5.2



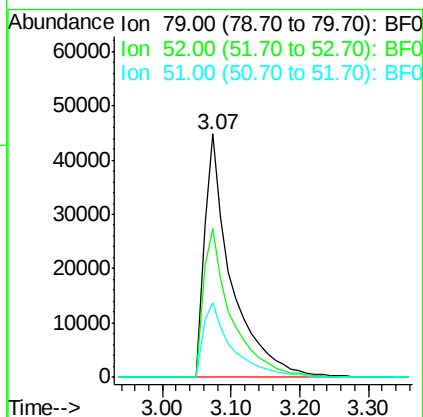
Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3
 Pvridine
 Concen: 11.44 ng
 RT: 3.07 min Scan# 130
 Delta R.T. 0.07 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

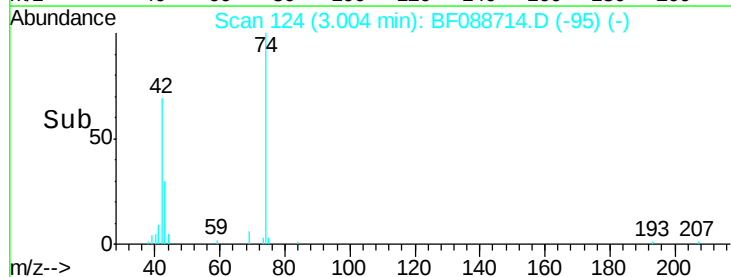
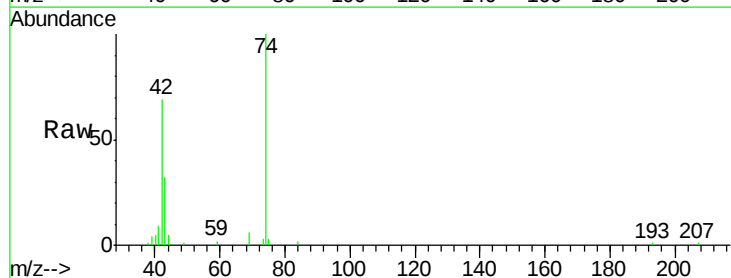
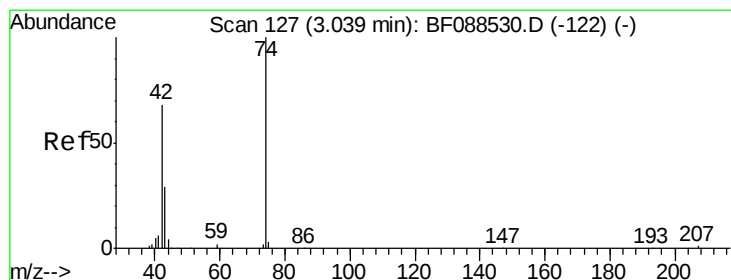
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	56.3	84.5
51	30.6	27.4	41.2



Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

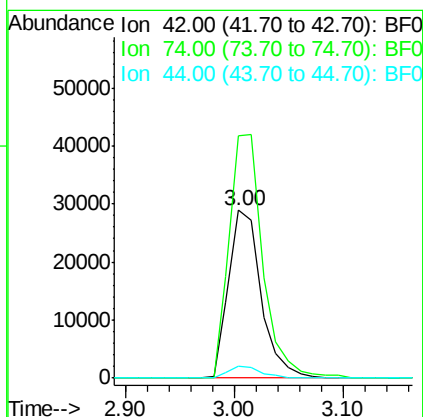
sohil

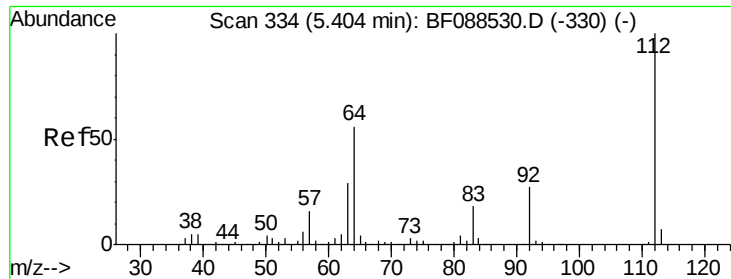
7/6/2016 7:19:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 14.78 ng
 RT: 3.00 min Scan# 124
 Delta R.T. 0.03 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.2	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 101.99 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

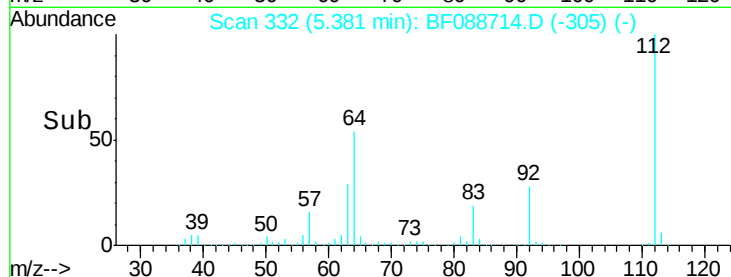
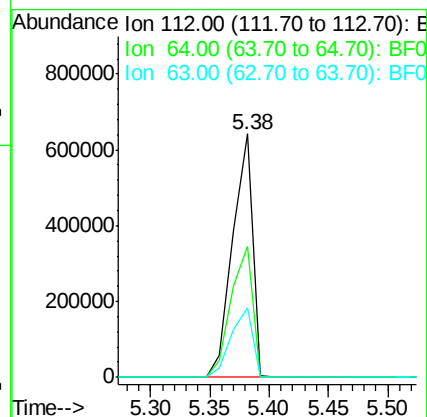
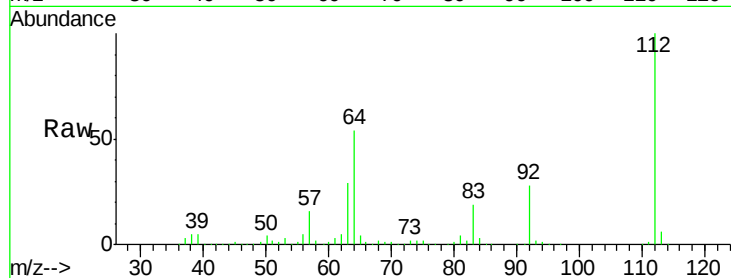
Instrument :

BNA_F

ClientSampleId :

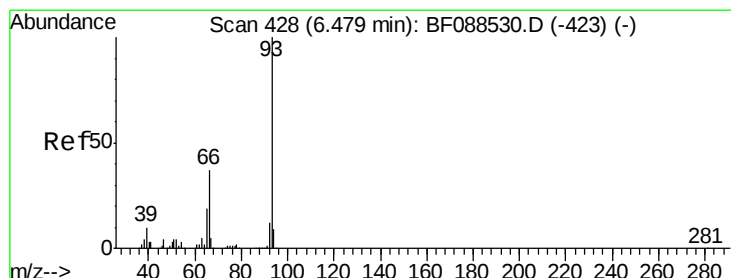
SB-13-COMPMS

Tot Ion:	112	Resp:	750137
Ion Ratio	Lower	Upper	
112	100		
64	54.1	42.2	63.2
63	28.7	21.8	32.8



sohil

7/6/2016 7:19:22 PM



#6

Aniline

Concen: 10.93 ng

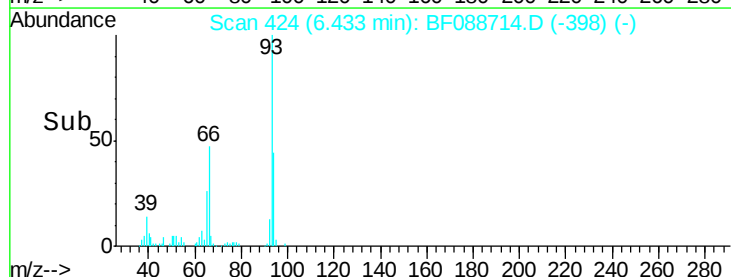
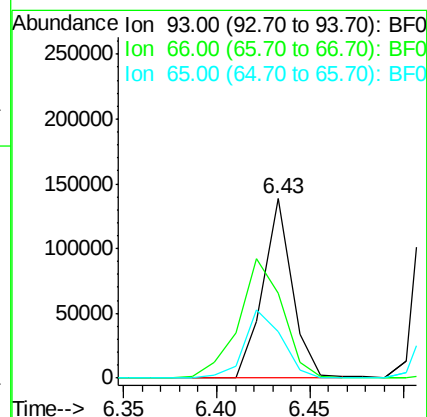
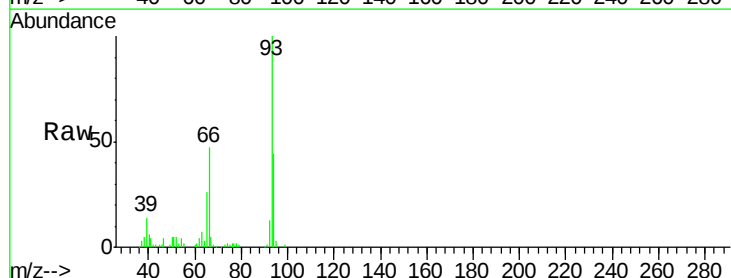
RT: 6.43 min Scan# 424

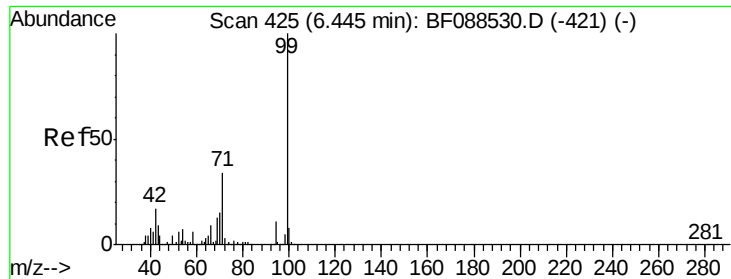
Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Tgt Ion:	93	Resp:	151356
Ion Ratio	Lower	Upper	
93	100		
66	47.4	29.8	44.8#
65	26.2	14.9	22.3#





#7

Phenol-d6

Concen: 99.10 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

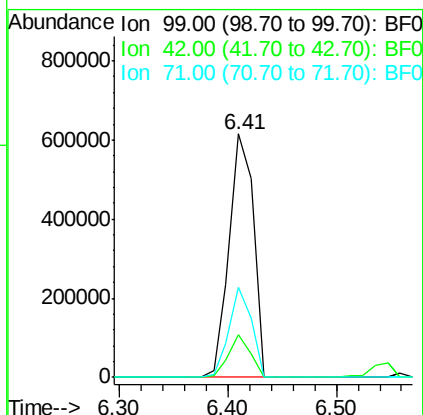
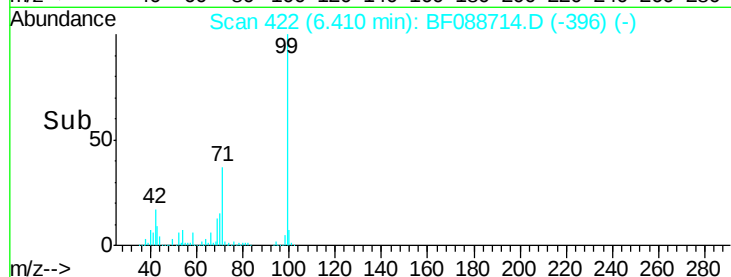
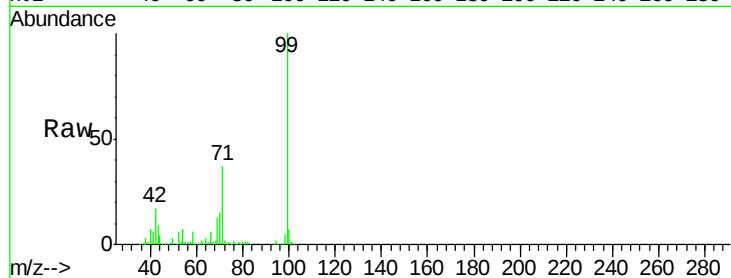
Tot Ion: 99 Resp: 941756

Ion Ratio Lower Upper

99 100

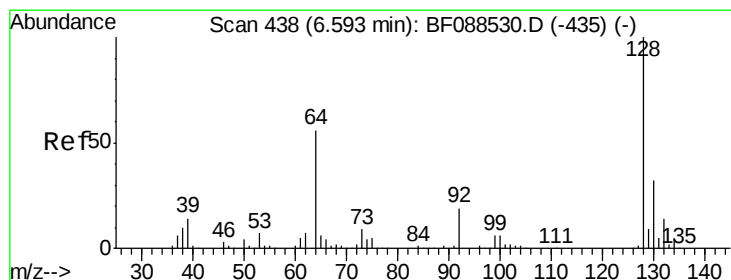
42 17.4 12.2 18.2

71 36.9 23.4 35.0#



sohil

7/6/2016 7:19:22 PM



#8

2-Chlorophenol

Concen: 19.60 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

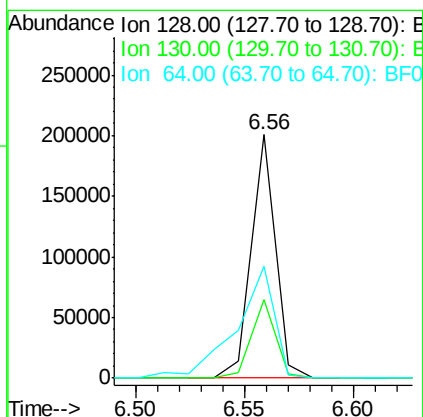
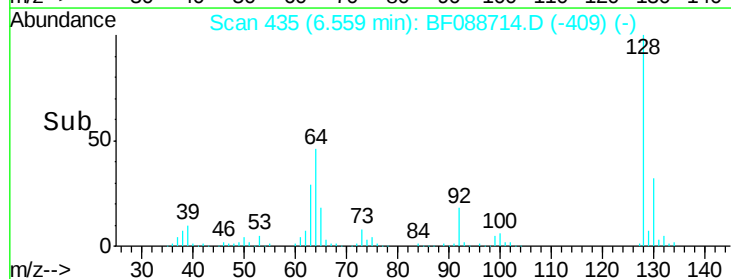
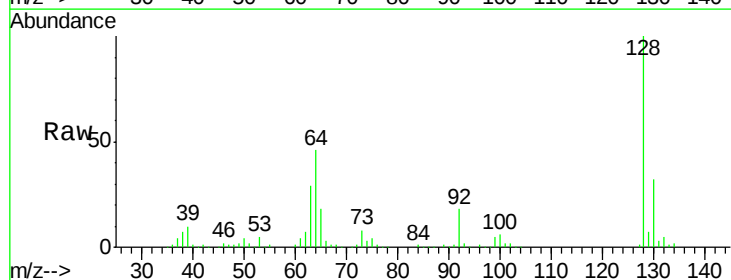
Tgt Ion:128 Resp: 154915

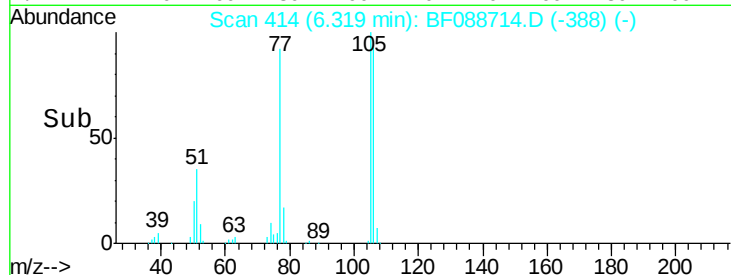
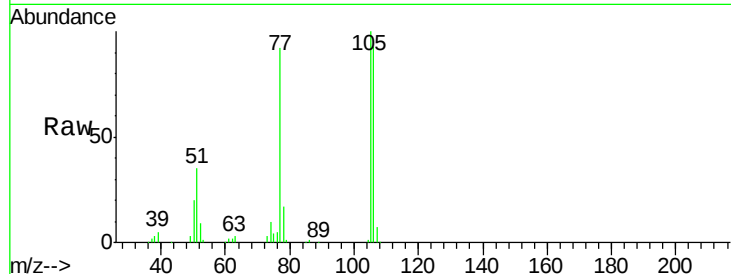
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 45.7 30.8 70.8

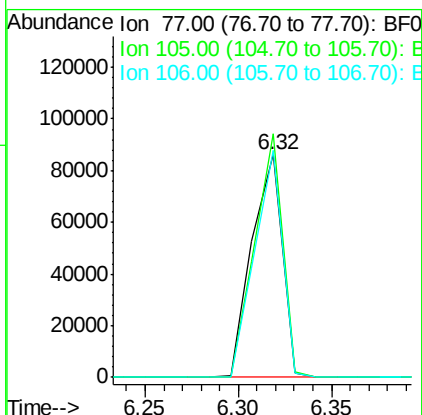




#9
Benzaldehyde
Concen: 15.00 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

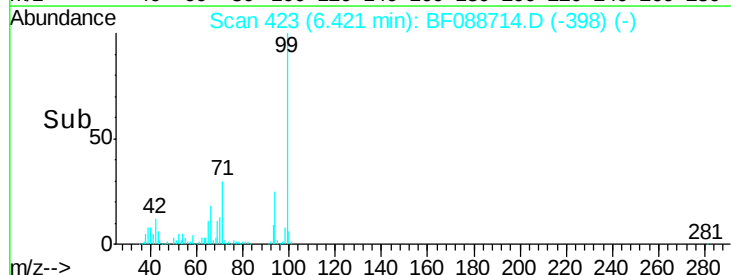
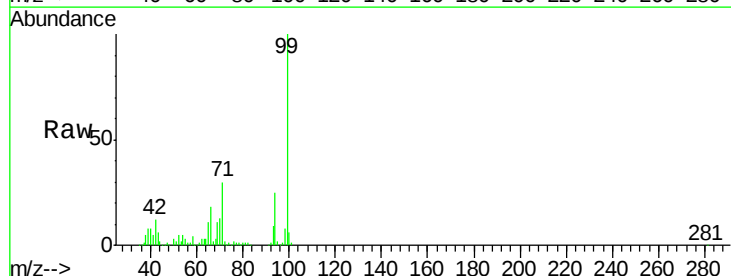
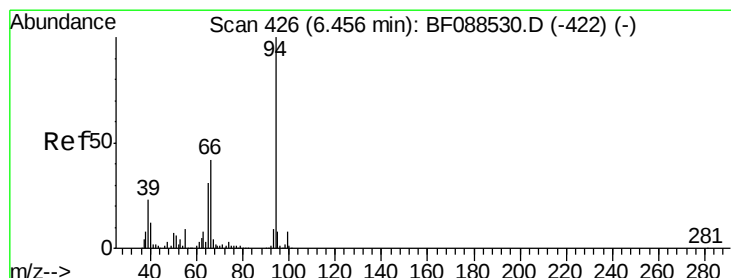
Tot Ion	Ratio	Lower	Upper
77	100		
105	109.2	90.6	130.6
106	101.9	85.3	125.3

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS



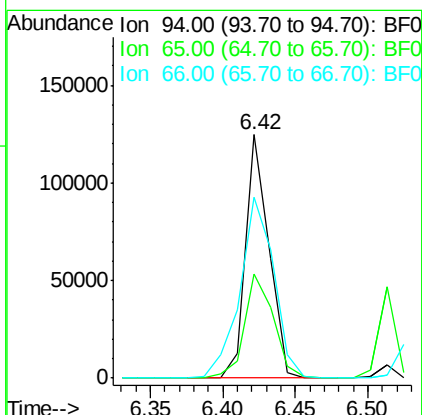
sohil

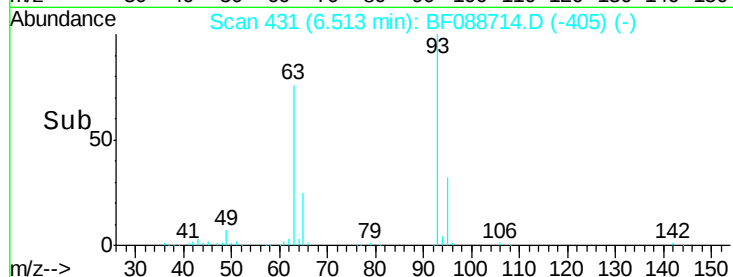
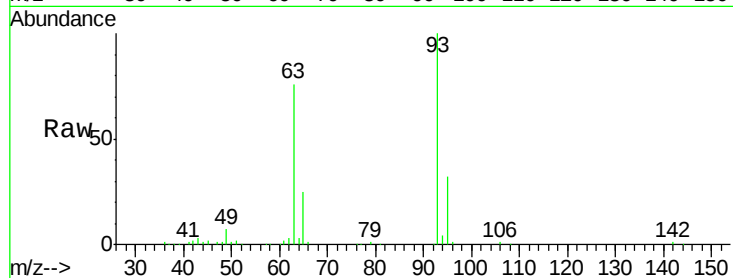
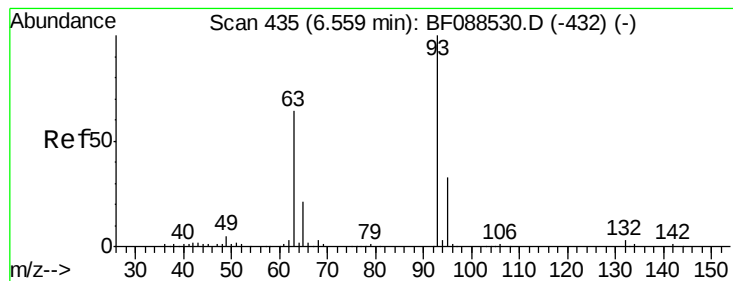
7/6/2016 7:19:22 PM



#10
Phenol
Concen: 12.78 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.5	5.9	45.9
66	74.2	14.0	54.0

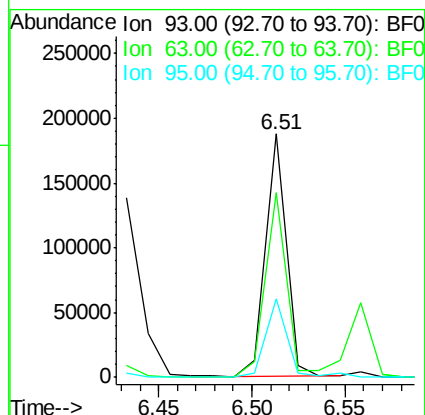




#11
bis(2-Chloroethyl)ether
Concen: 17.68 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

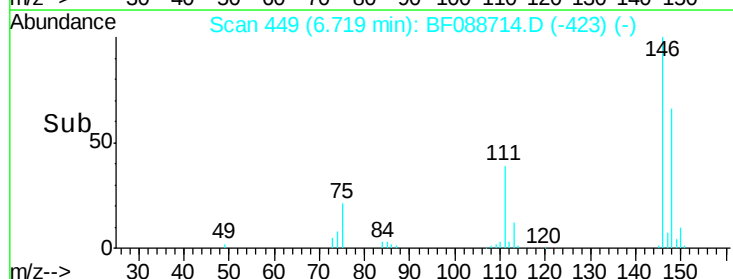
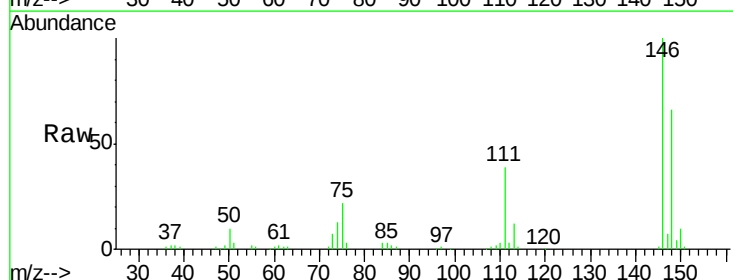
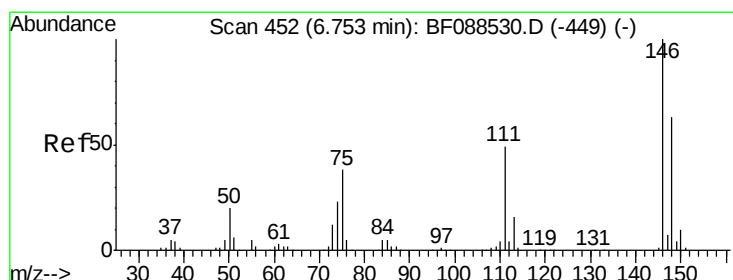
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	67.6	107.6
95	32.4	12.5	52.5

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS



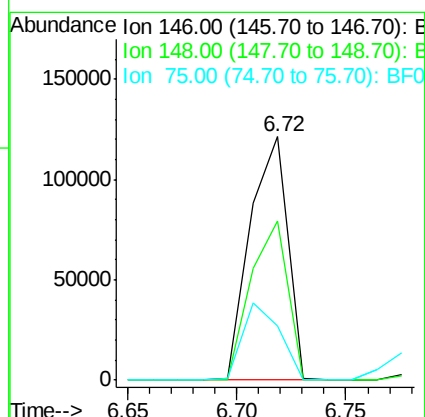
sohil

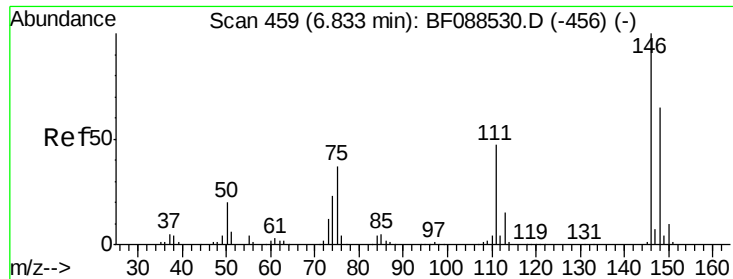
7/6/2016 7:19:22 PM



#12
1,3-Dichlorobenzene
Concen: 16.64 ng m
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
75	22.5	25.6	38.4#

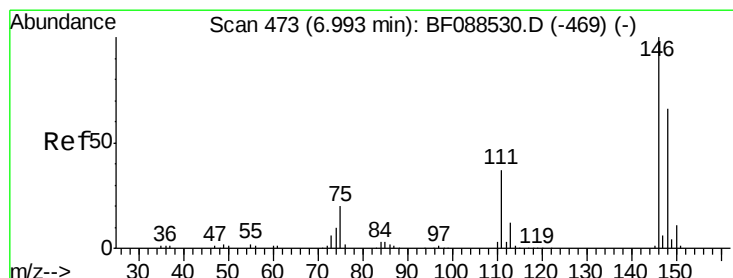
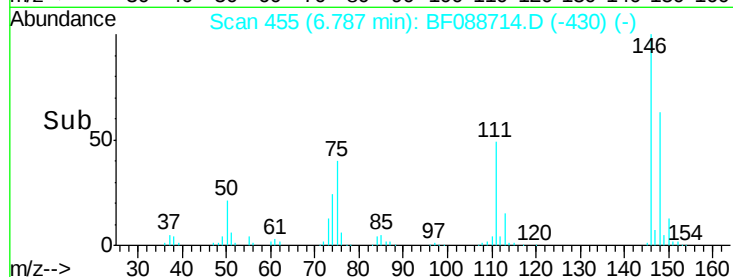
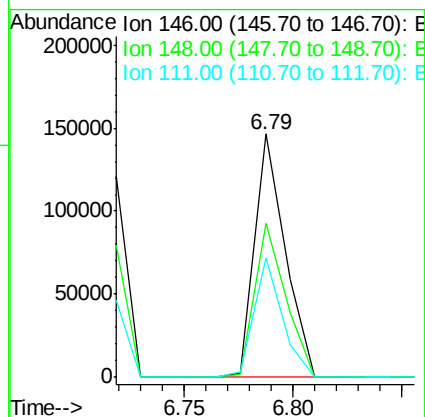
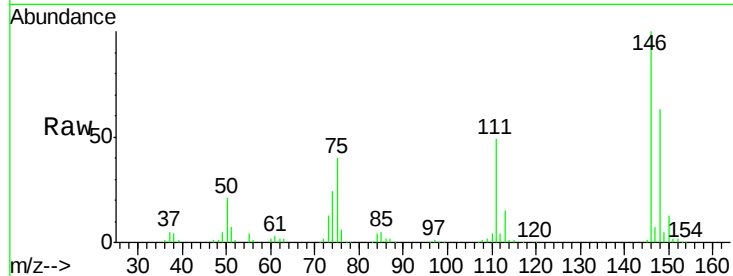




#13
1,4-Dichlorobenzene
Concen: 16.50 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

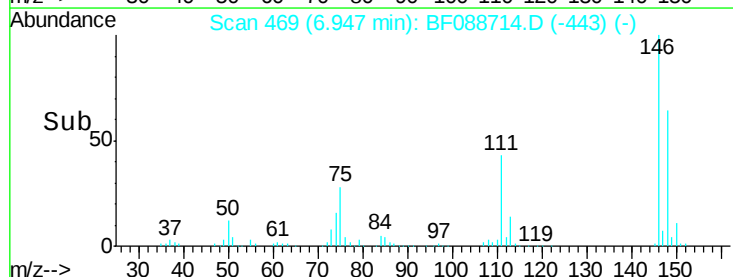
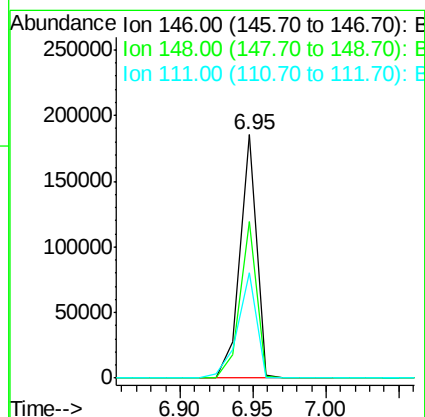
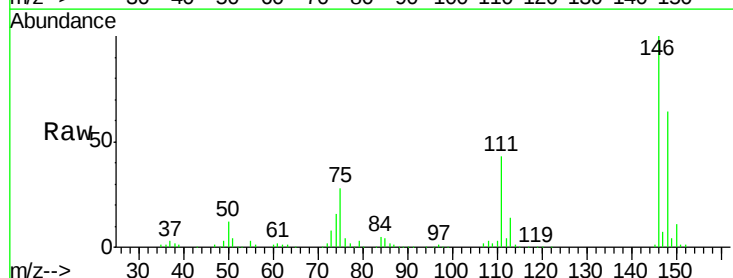
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

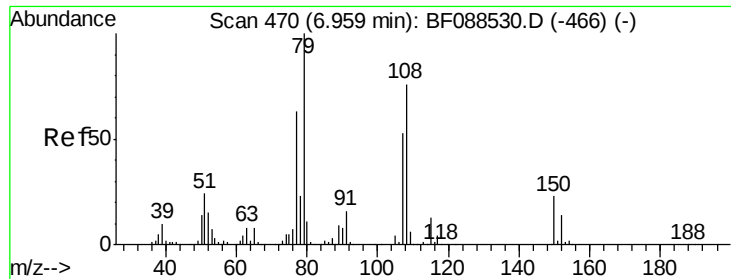
Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.2	52.0	78.0	
111	49.2	33.8	50.8	



#14
1,2-Dichlorobenzene
Concen: 18.27 ng m
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.2	52.3	78.5	
111	43.3	28.7	43.1	





#15

Benzyl Alcohol

Concen: 18.83 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

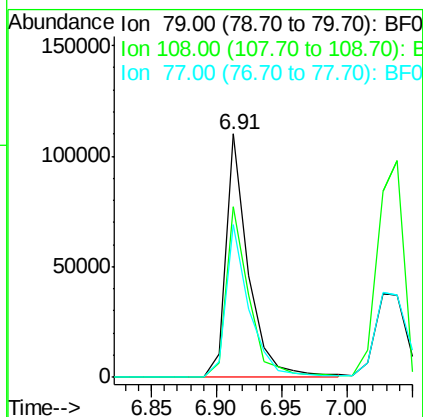
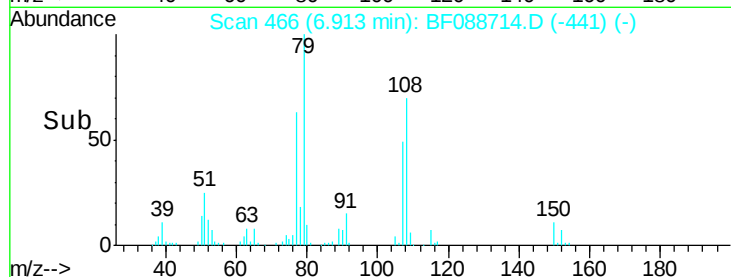
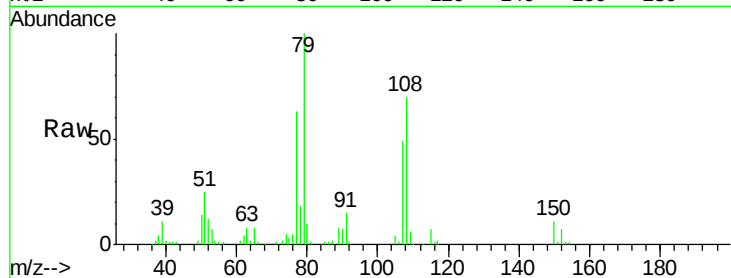
Tot Ion: 79 Resp: 131735

Ion Ratio Lower Upper

79 100

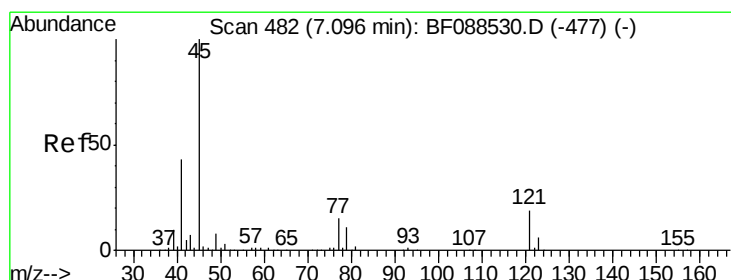
108 70.0 65.0 97.6

77 63.0 50.3 75.5



sohil

7/6/2016 7:19:22 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.36 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

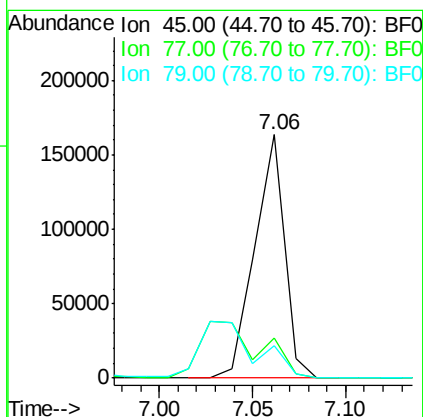
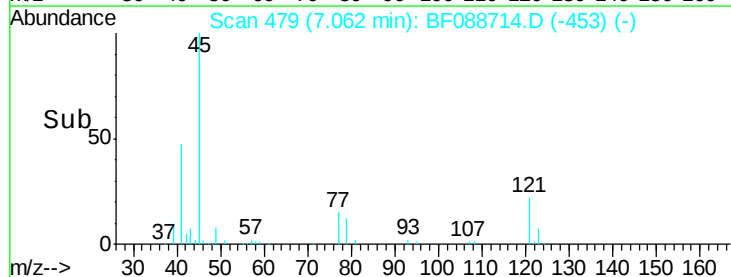
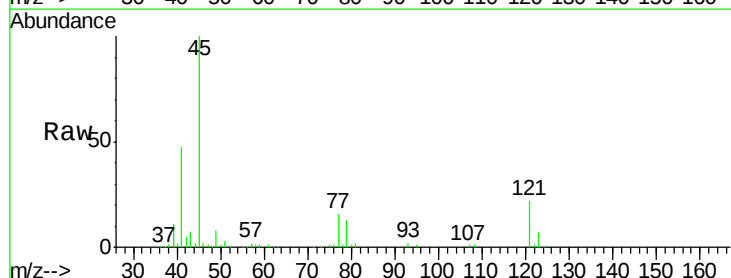
Tgt Ion: 45 Resp: 179865

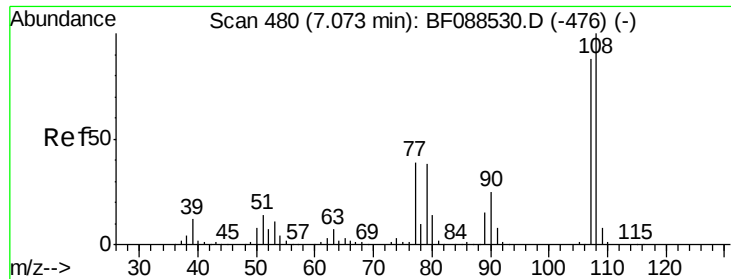
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.5

79 13.1 0.0 29.5

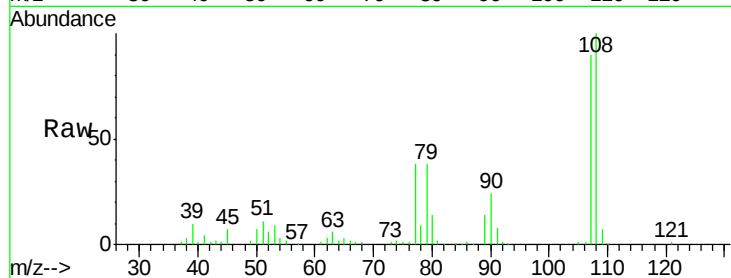




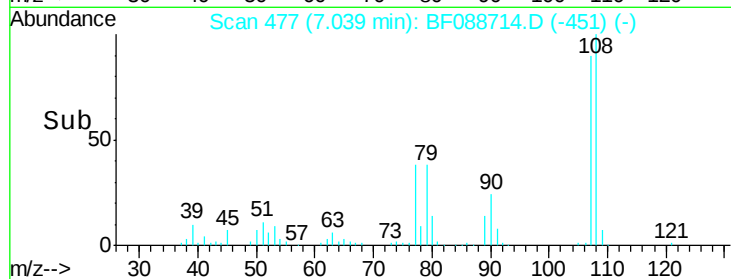
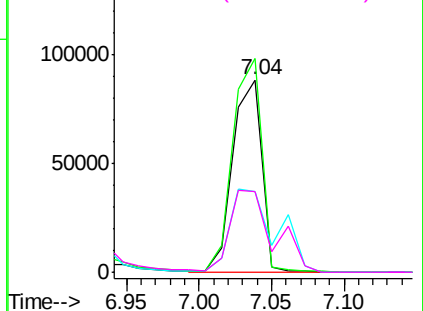
#17
2-Methylphenol
Concen: 19.14 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:	107	Resp:	123404
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.9	136.3
77	41.7	36.6	55.0
79	42.1	36.5	54.7

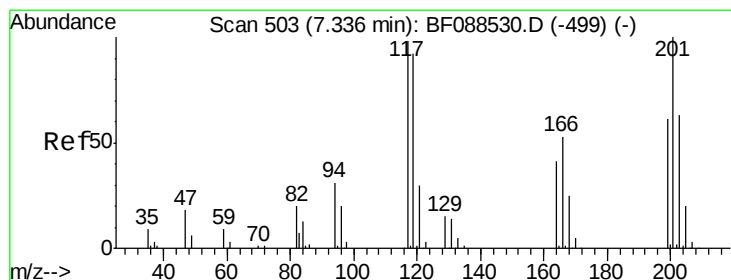


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



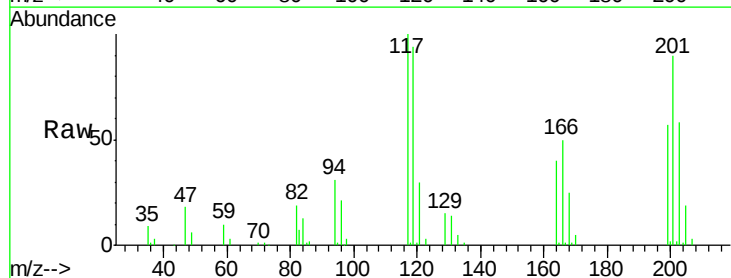
sohil

7/6/2016 7:19:22 PM

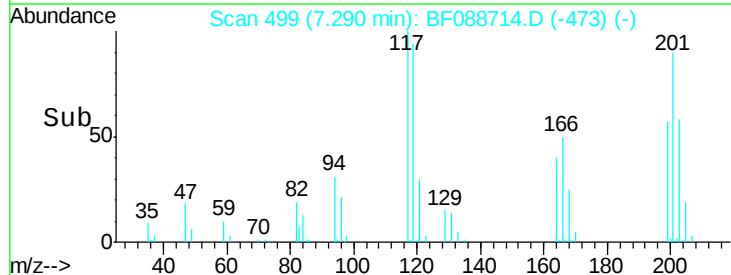
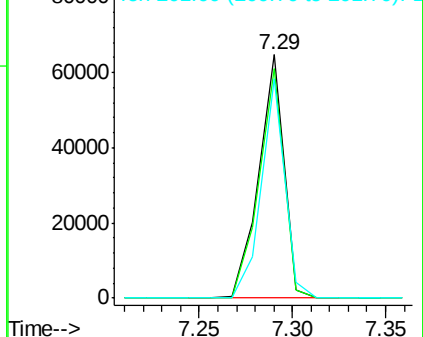


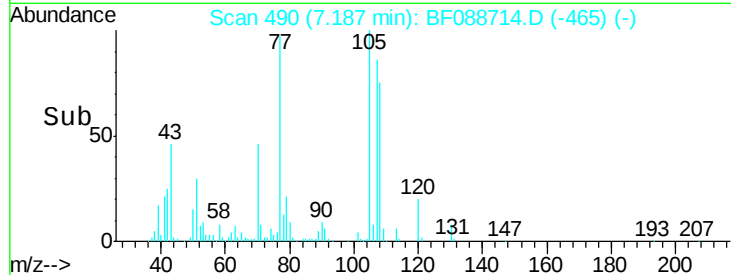
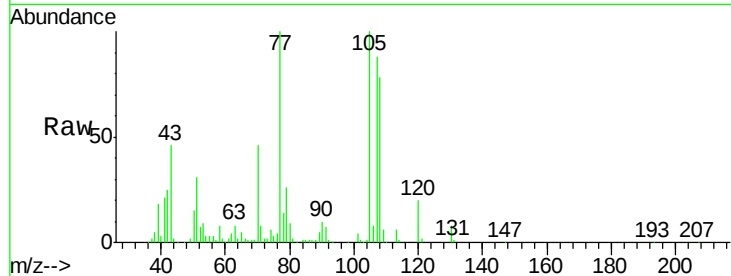
#18
Hexachloroethane
Concen: 17.97 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:	117	Resp:	60021
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.2
201	90.1	80.4	120.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

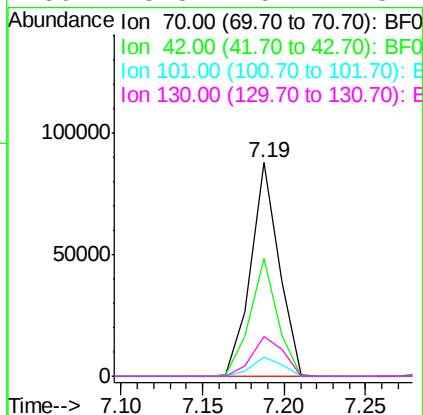




#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

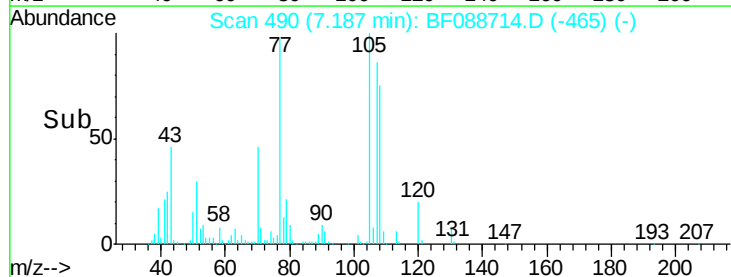
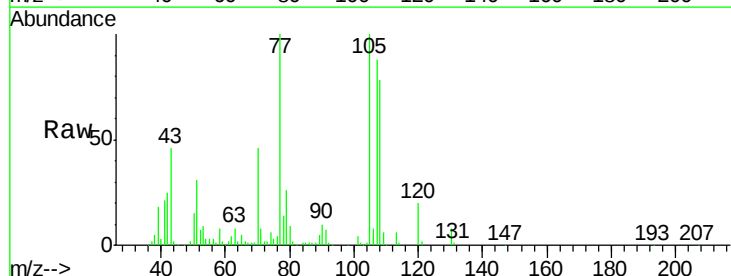
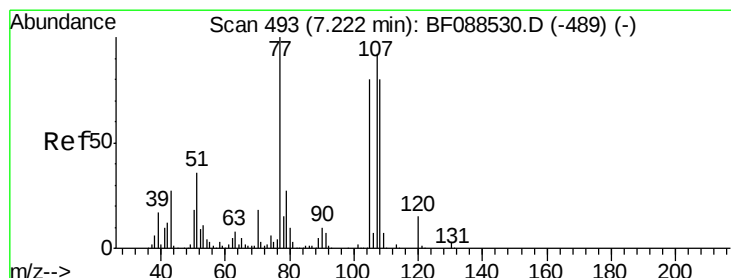
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:	70	Resp:	105527
Ion	Ratio	Lower	Upper
70	100		
42	55.1	49.6	74.4
101	9.3	7.1	10.7
130	18.3	15.4	23.2



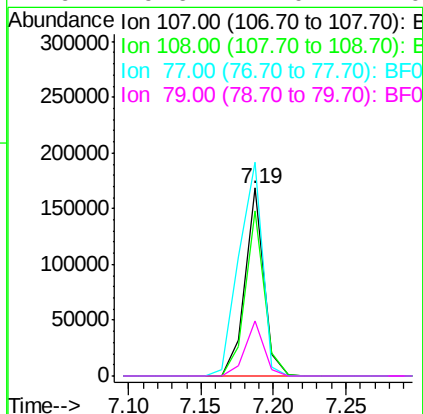
sohil

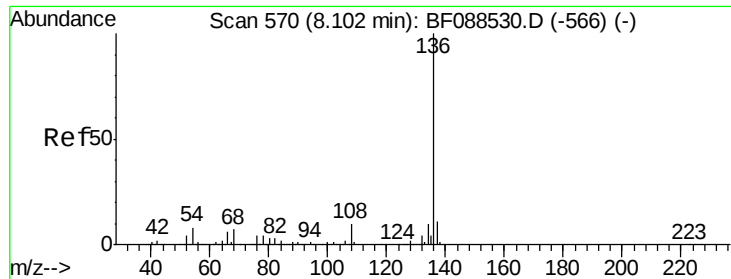
7/6/2016 7:19:22 PM



#20
3+4-Methylphenols
Concen: 19.76 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:	107	Resp:	152924
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.8	107.8
77	113.8	59.3	99.3#
79	29.6	7.0	47.0

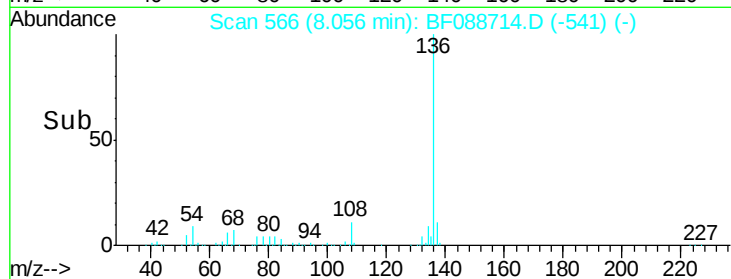
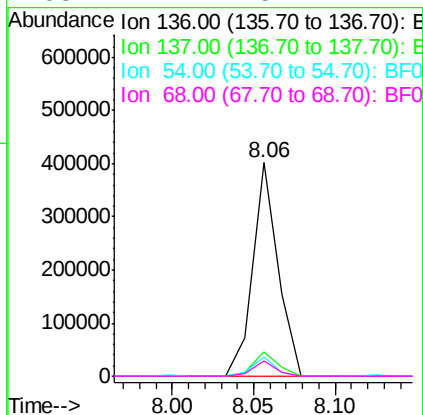
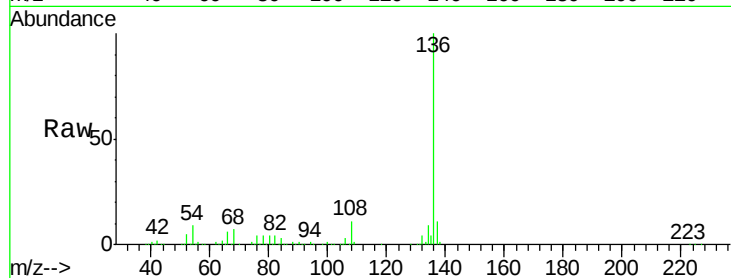




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

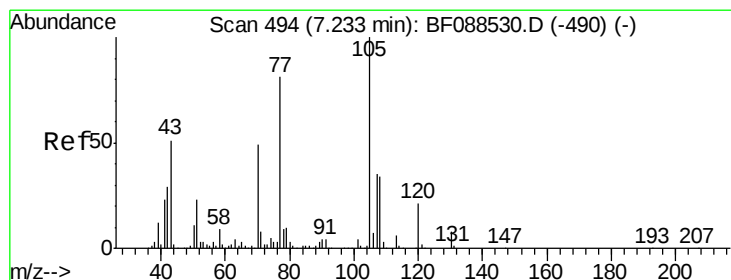
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:136	Resp:	431499
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.8	6.6 10.0
68	7.1	5.1 7.7



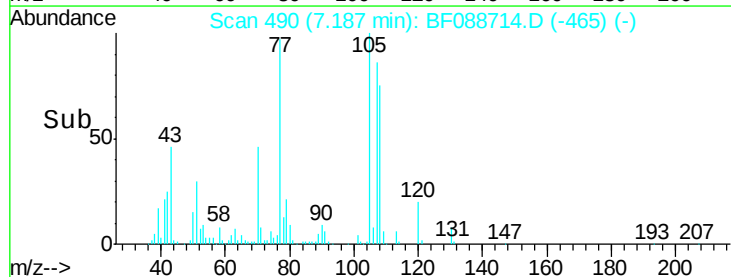
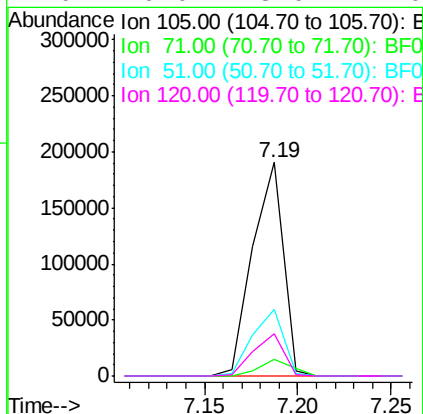
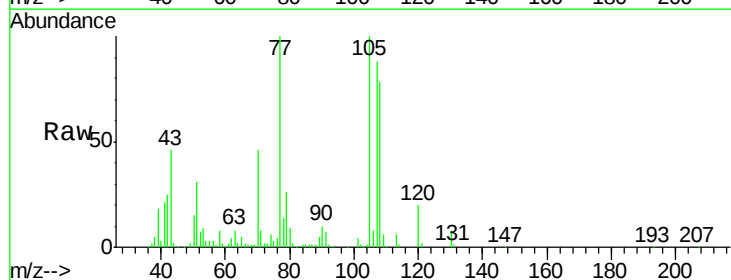
sohil

7/6/2016 7:19:22 PM



#22
Acetophenone
Concen: 20.74 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:105	Resp:	217234
Ion Ratio	Lower	Upper
105	100	
71	7.9	5.3 7.9
51	31.3	18.2 27.4#
120	20.0	18.0 27.0

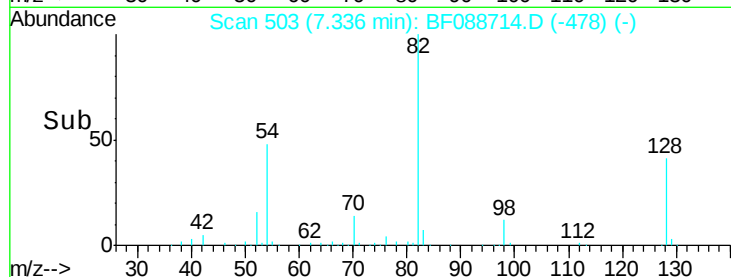
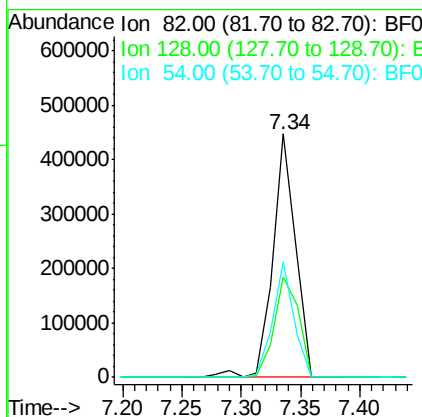
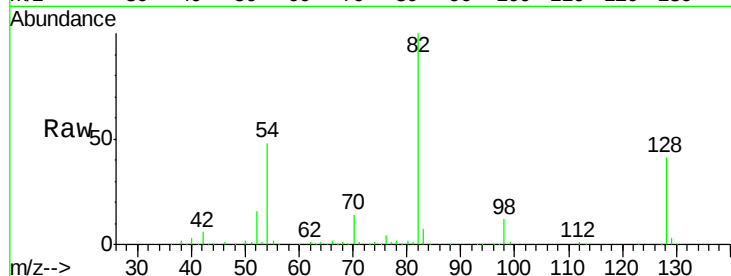




#23
Nitrobenzene-d5
Concen: 71.49 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

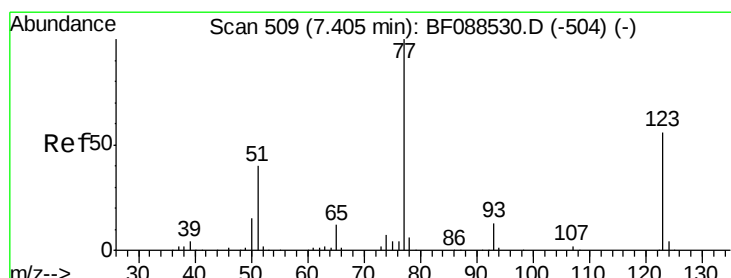
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	82	Resp	588608
Ion Ratio	100	Lower	Upper
128	40.9	35.9	53.9
54	47.6	40.9	61.3



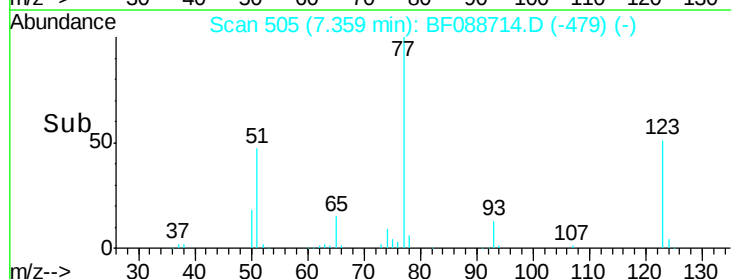
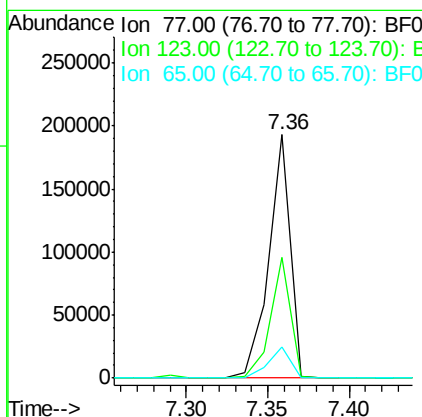
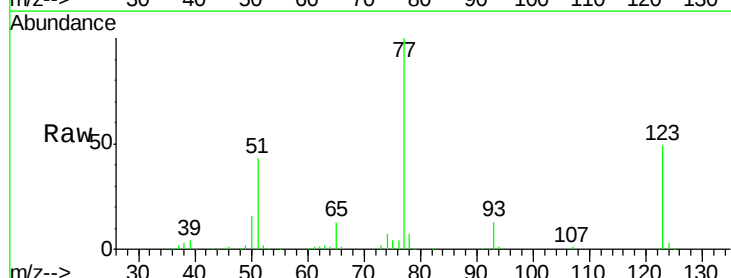
sohil

7/6/2016 7:19:22 PM



#24
Nitrobenzene
Concen: 21.27 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	77	Resp	176577
Ion Ratio	100	Lower	Upper
123	49.5	45.0	67.4
65	12.7	10.2	15.2





#25

Isophorone

Concen: 20.49 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

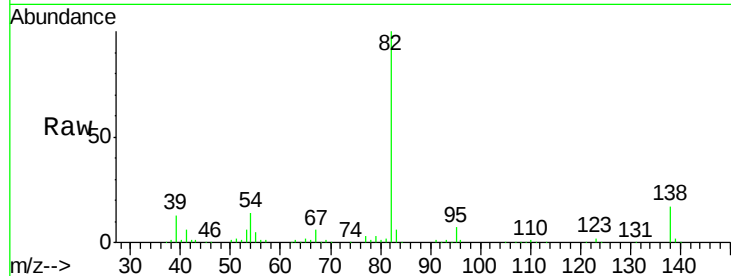
Tot Ion: 82 Resp: 312502

Ion Ratio Lower Upper

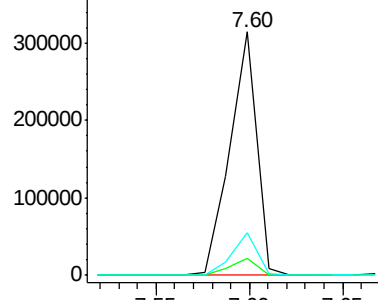
82 100

95 7.2 5.4 8.2

138 17.3 14.6 21.8

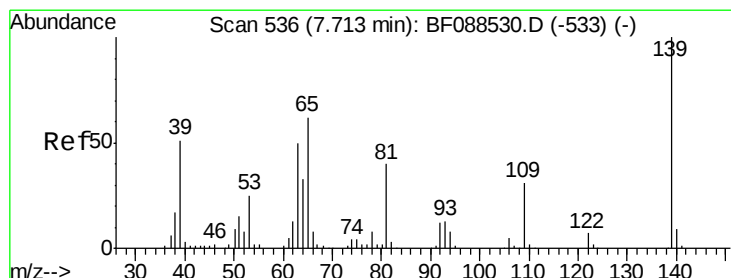
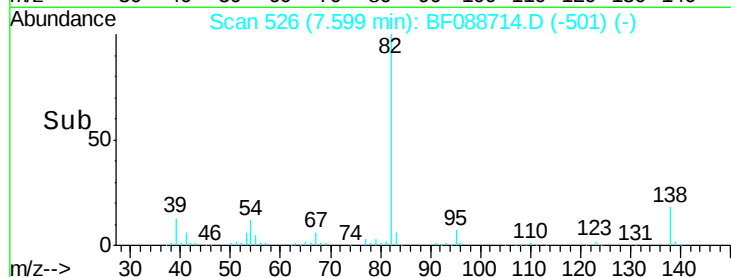


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



sohil

7/6/2016 7:19:22 PM



#26

2-Nitrophenol

Concen: 22.64 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

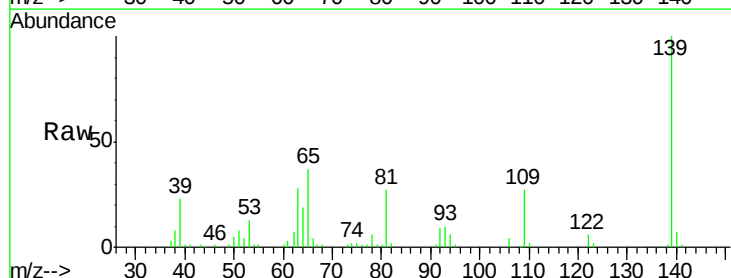
Tgt Ion: 139 Resp: 77081

Ion Ratio Lower Upper

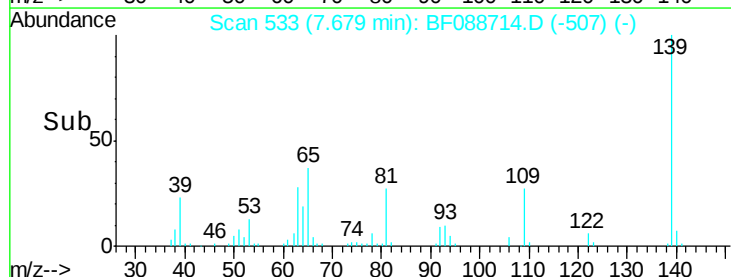
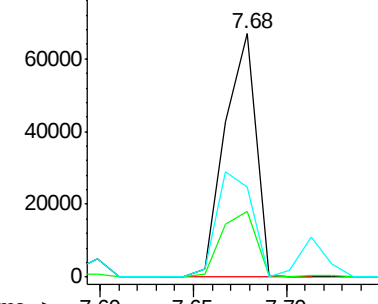
139 100

109 26.7 23.0 34.4

65 37.0 45.8 68.8#



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

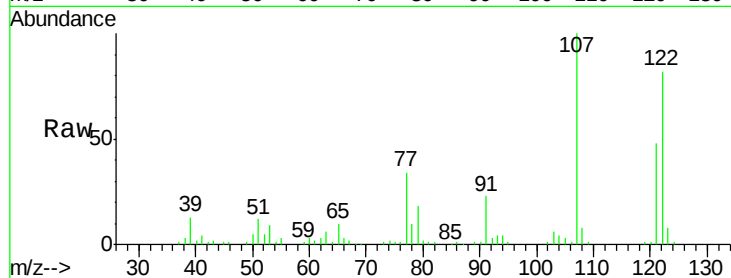




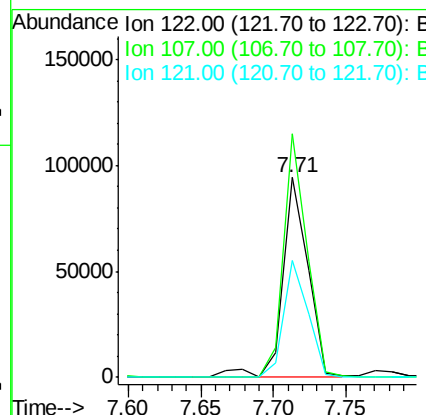
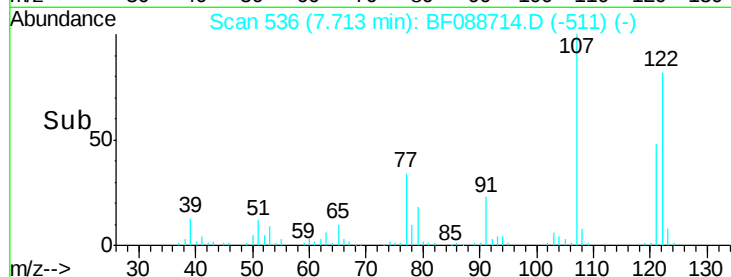
#27
2,4-Dimethylphenol
Concen: 16.08 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.9	82.4	123.6
121	58.7	46.3	69.5

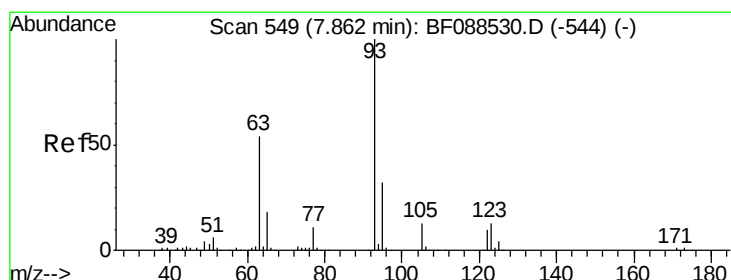


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



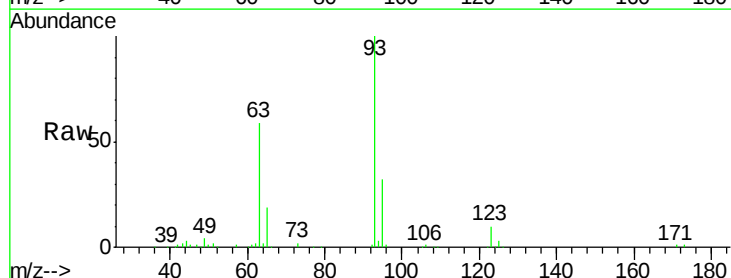
sohil

7/6/2016 7:19:22 PM

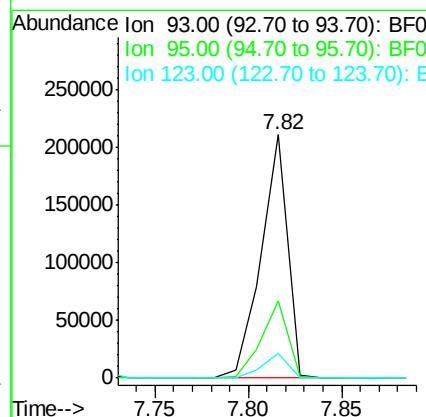
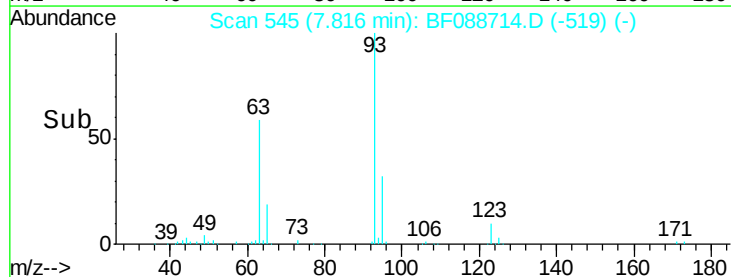


#28
bis(2-Chloroethoxy)methane
Concen: 20.65 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.4	11.6	17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

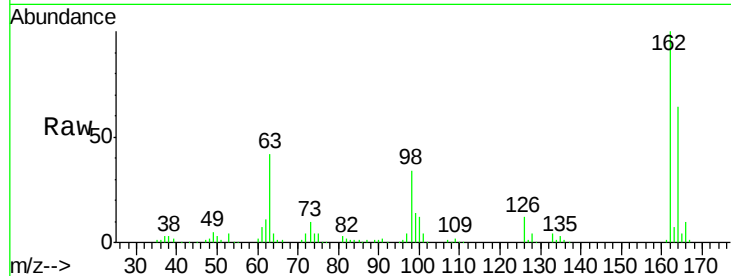




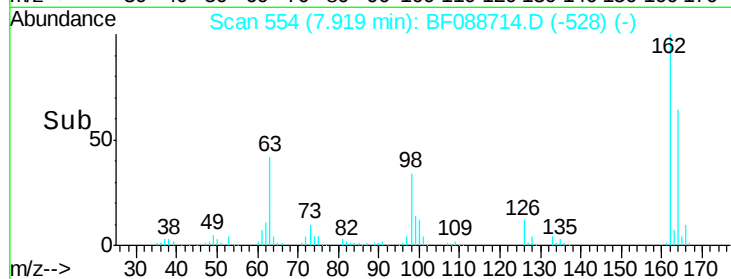
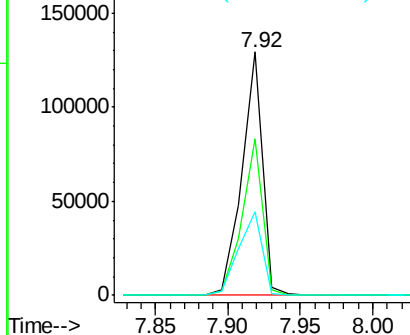
#29
2,4-Dichlorophenol
Concen: 22.19 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	34.4	21.3	61.3

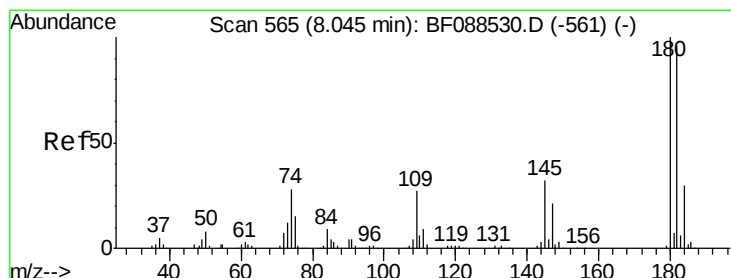


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



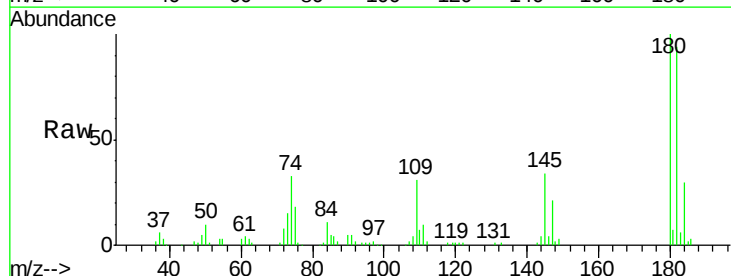
sohil

7/6/2016 7:19:22 PM

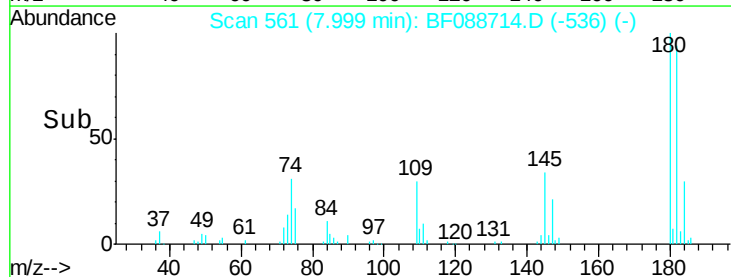
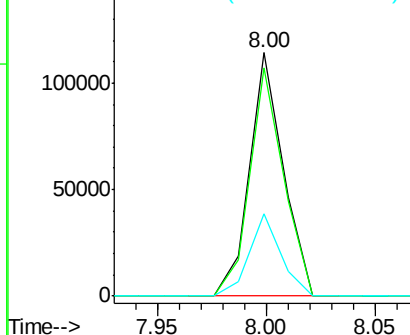


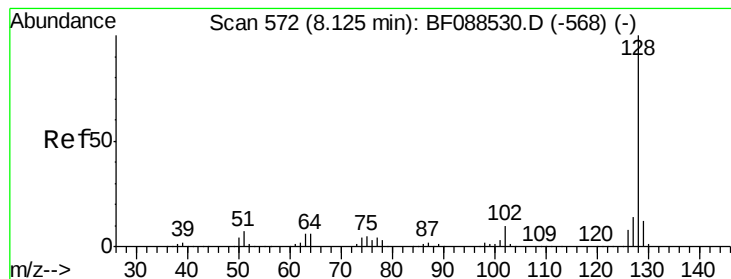
#30
1,2,4-Trichlorobenzene
Concen: 19.57 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	34.0	26.5	39.7



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





#31

Naphthalene

Concen: 20.06 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

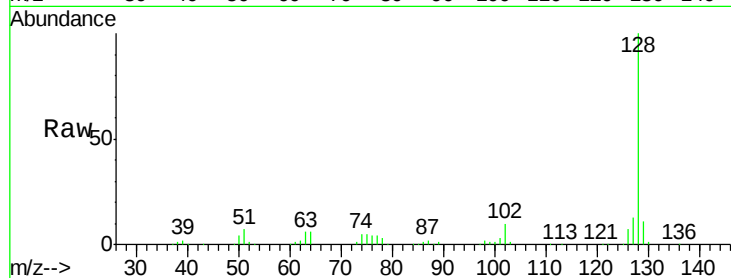
Tot Ion:128 Resp: 426708

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

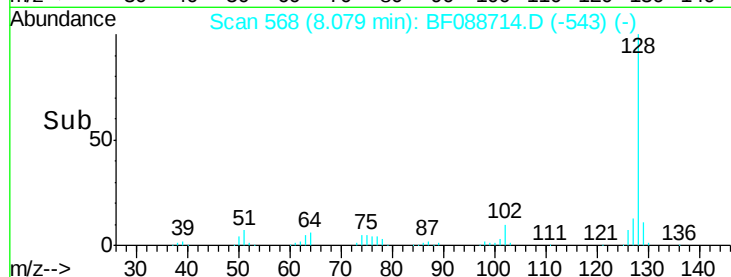
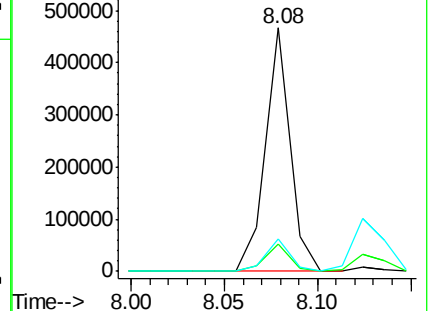
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

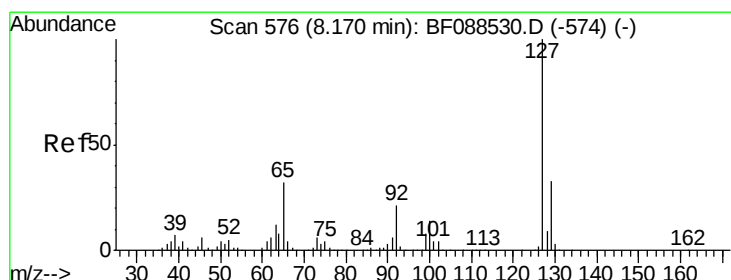
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



sohil

7/6/2016 7:19:22 PM



#33

4-Chloroaniline

Concen: 12.96 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Tgt Ion:127 Resp: 122624

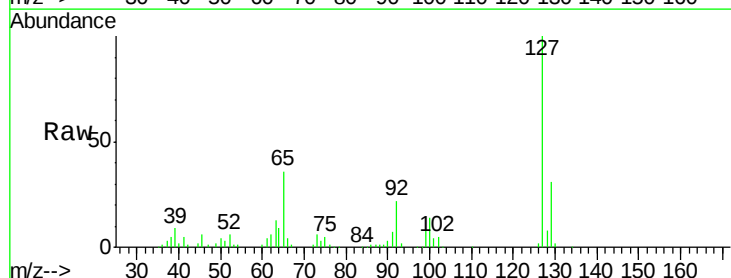
Ion Ratio Lower Upper

127 100

129 31.2 26.3 39.5

65 35.8 24.7 37.1

92 21.9 15.4 23.0

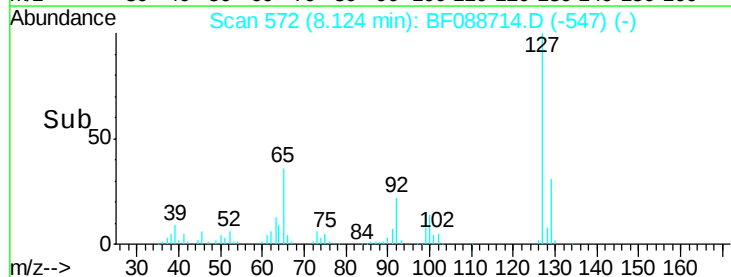
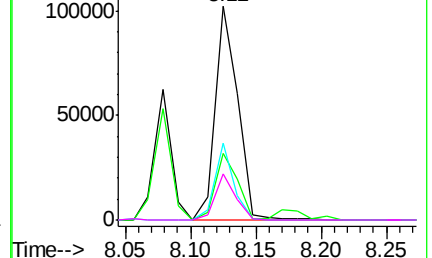


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 20.54 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

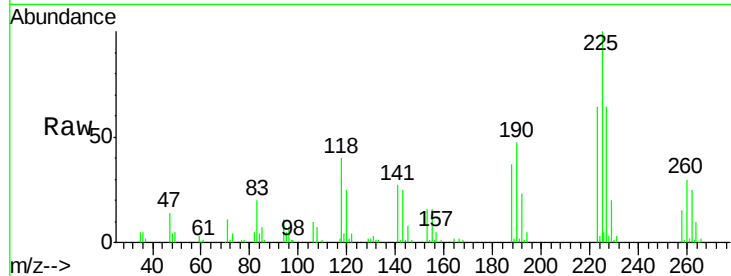
Instrument :

BNA_F

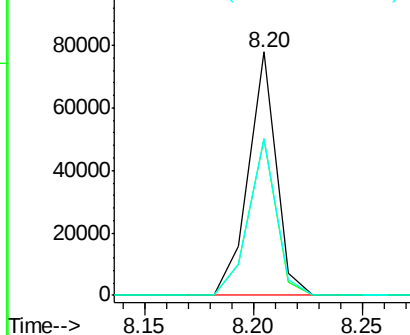
ClientSampleId :

SB-13-COMPMS

Tot Ion:	225	Resp:	69167
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.9	76.3
227	64.3	51.9	77.9

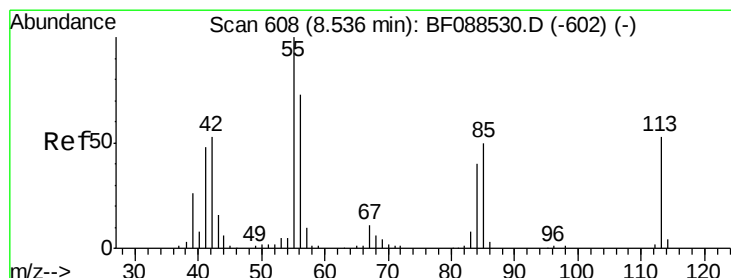
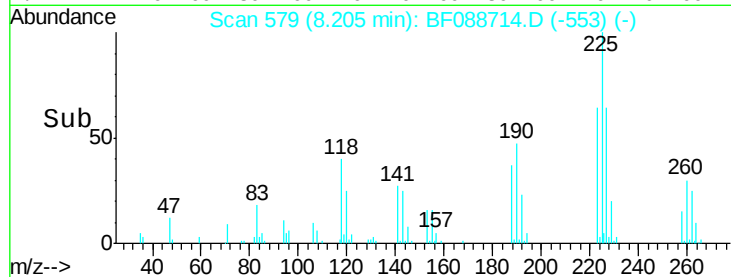


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



sohil

7/6/2016 7:19:22 PM



#35

Caprolactam

Concen: 15.20 ng m

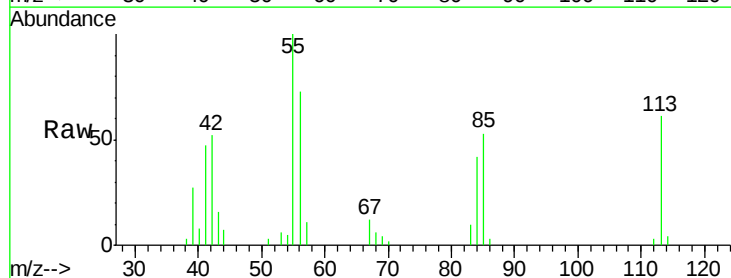
RT: 8.51 min Scan# 606

Delta R.T. -0.00 min

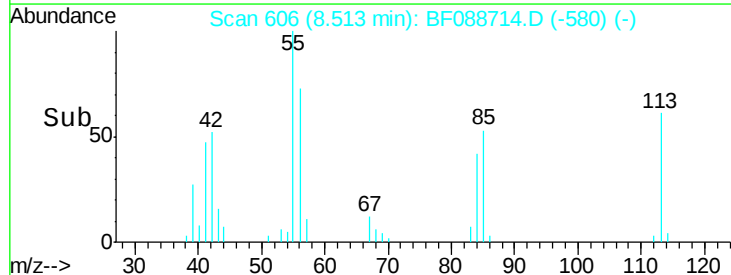
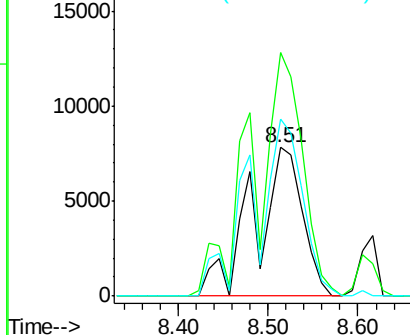
Lab File: BF088714.D

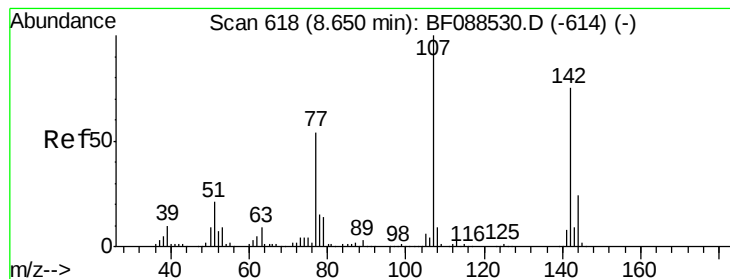
Acq: 5 Jul 2016 20:40

Tgt Ion:	113	Resp:	29587
Ion	Ratio	Lower	Upper
113	100		
55	163.6	158.6	198.6
56	118.7	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

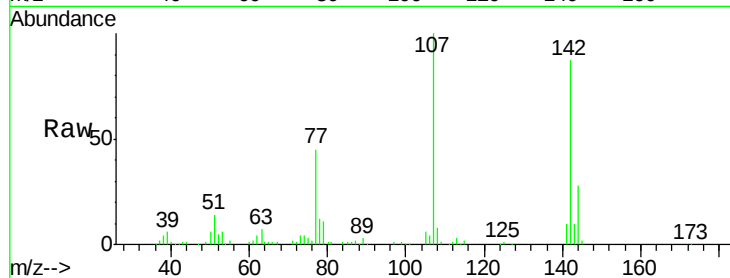




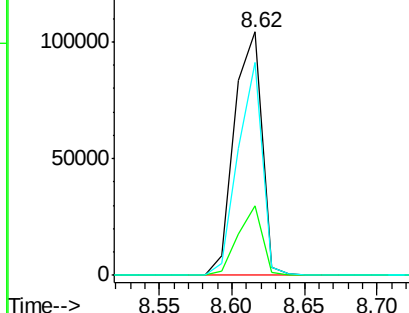
#36
4-Chloro-3-methylphenol
Concen: 20.33 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.4	20.8	31.2
142	87.4	63.4	95.2

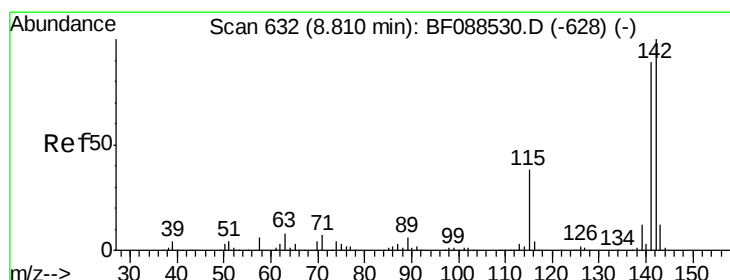
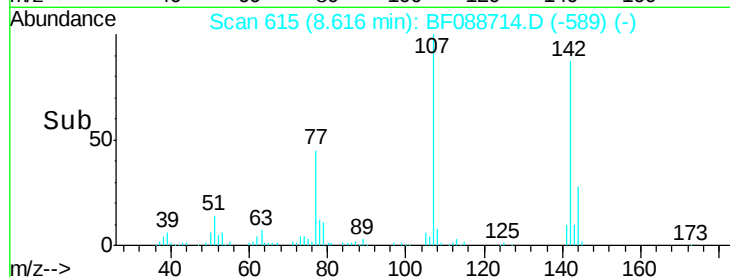


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



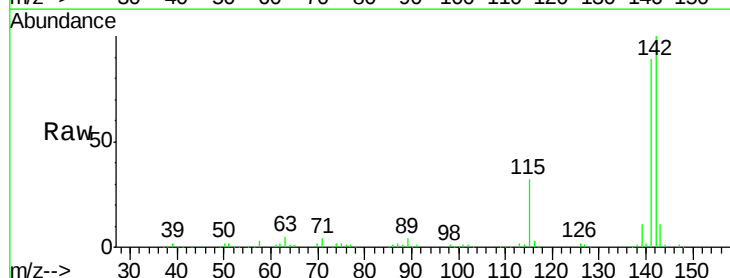
sohil

7/6/2016 7:19:22 PM

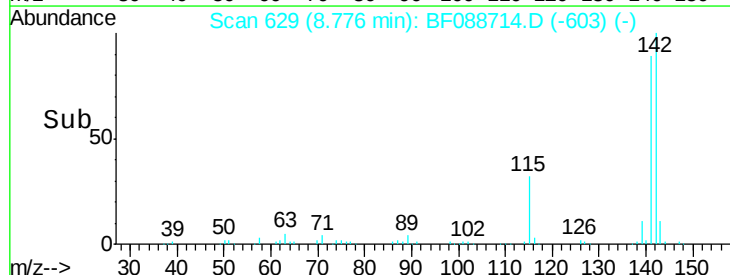
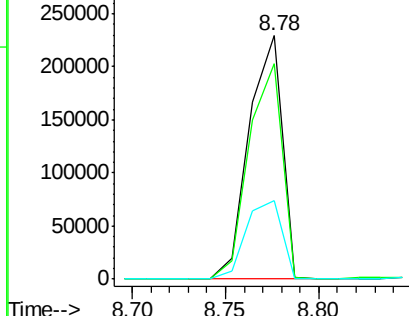


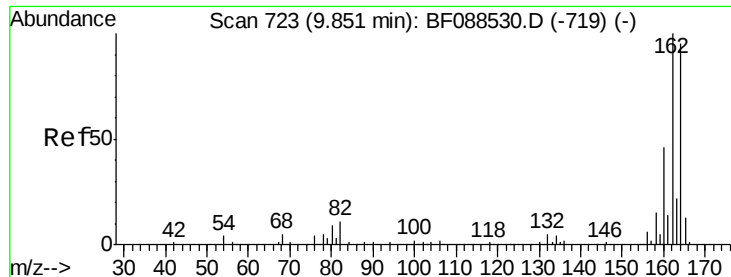
#37
2-Methylnaphthalene
Concen: 20.88 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	32.2	22.6	33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

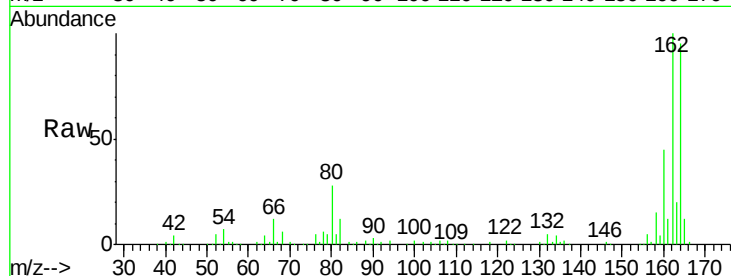
Tot Ion:164 Resp: 209868

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.2

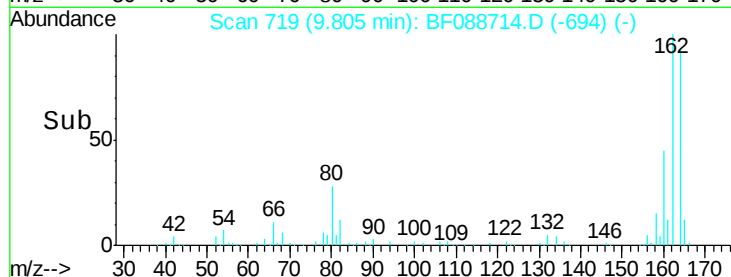
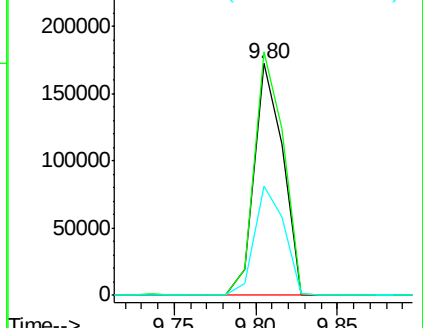
160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

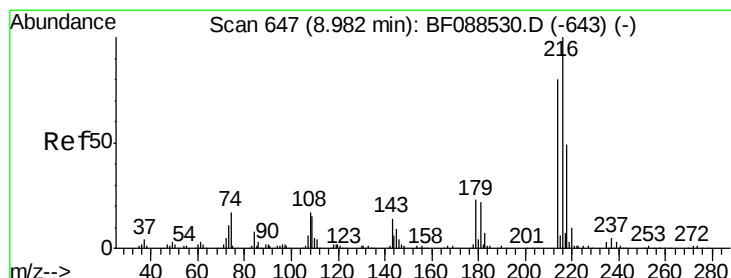
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



sohil

7/6/2016 7:19:22 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.32 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Tgt Ion:216 Resp: 113951

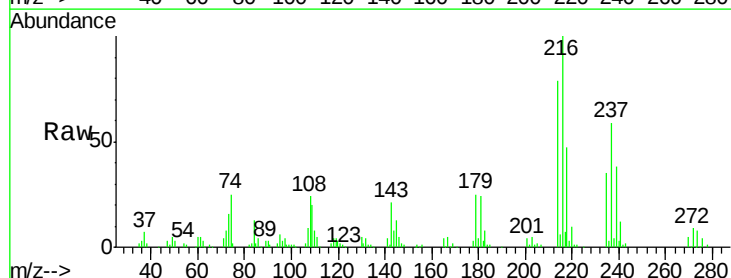
Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

179 23.4 0.0 0.0#

108 26.5 0.5 0.7#

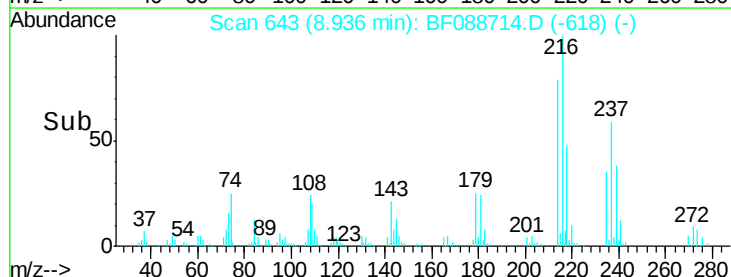
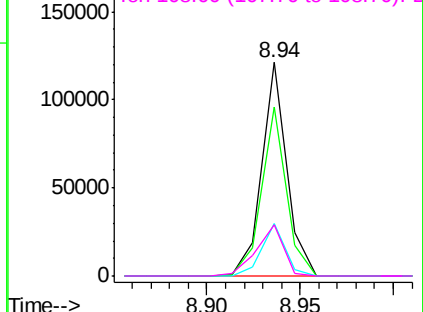


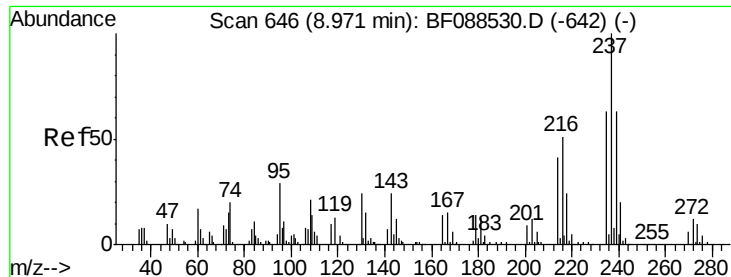
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 45.21 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

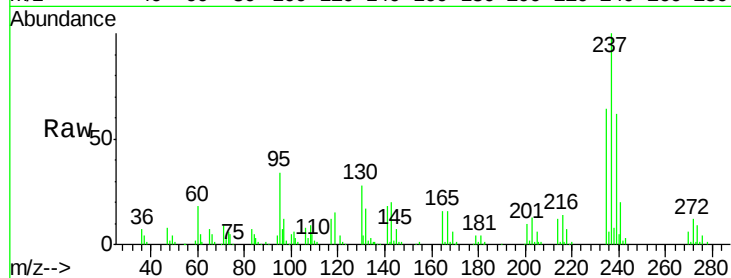
Tot Ion:237 Resp: 154906

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

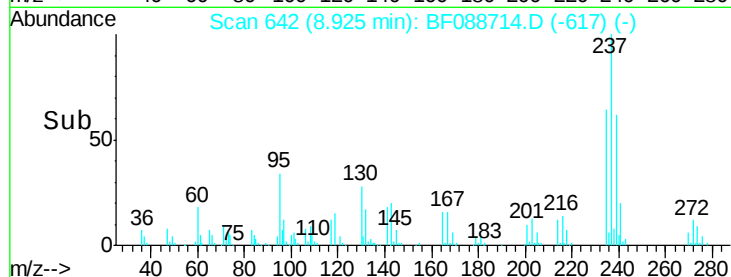
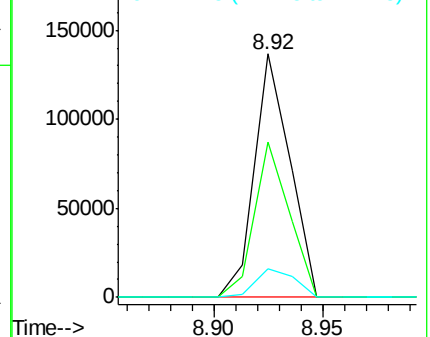
272 11.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

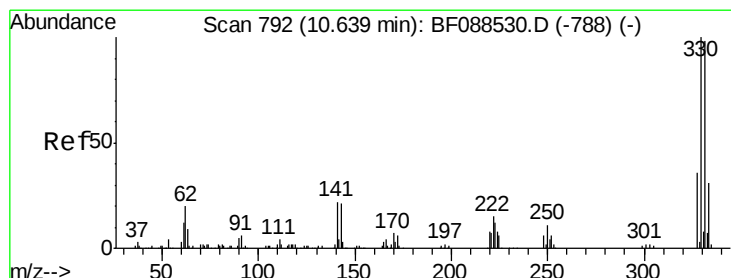
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



sohil

7/6/2016 7:19:22 PM



#41

2,4,6-Tribromophenol

Concen: 104.77 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

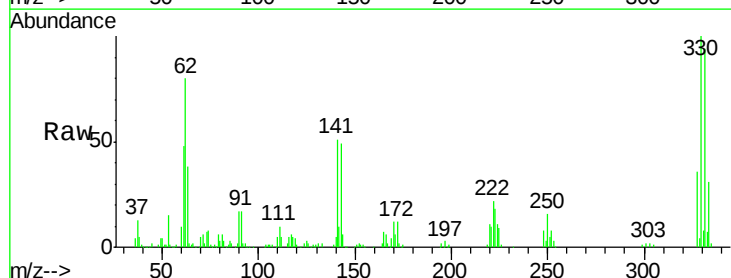
Tgt Ion:330 Resp: 204177

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

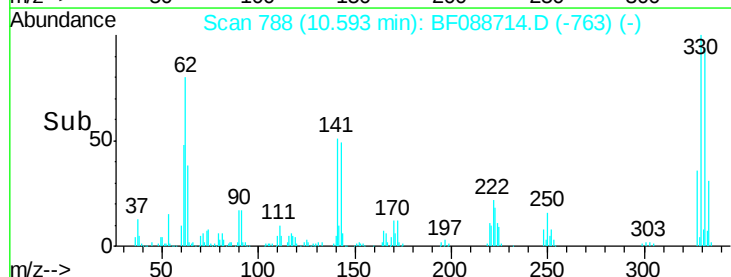
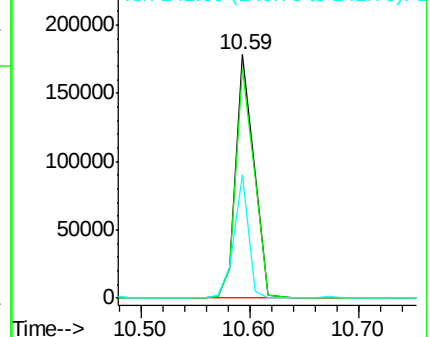
141 40.8 0.0 0.0#

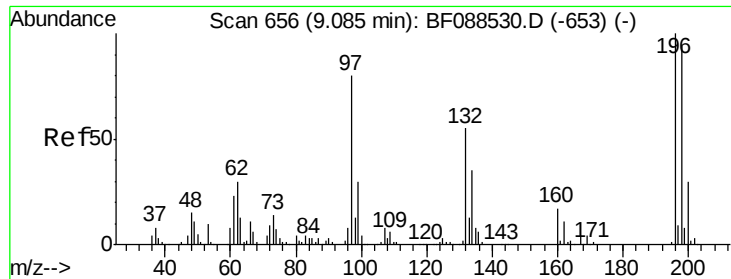


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

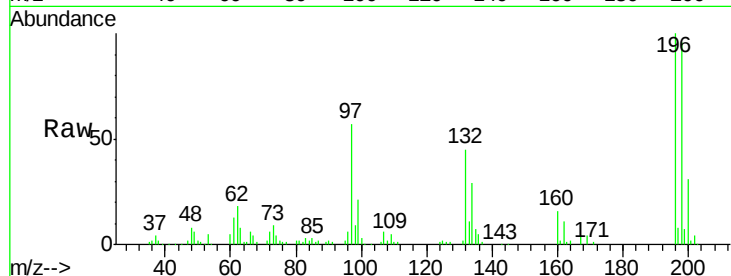




#42
 2,4,6-Trichlorophenol
 Concen: 19.03 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.0	117.0
200	31.0	25.4	38.2

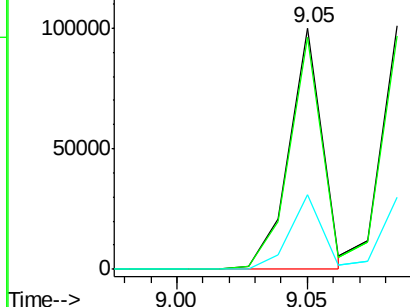


Abundance

Ion 196.00 (195.70 to 196.70): E

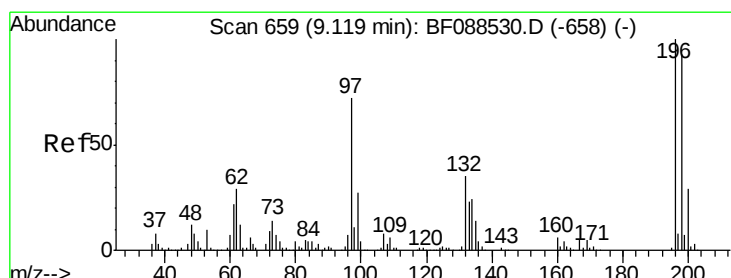
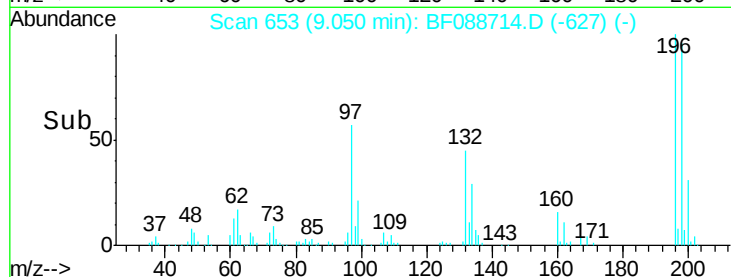
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



sohil

7/6/2016 7:19:22 PM



#43
 2,4,5-Trichlorophenol
 Concen: 20.46 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.5	116.3
97	59.1	32.0	48.0#
132	32.1	20.9	31.3#

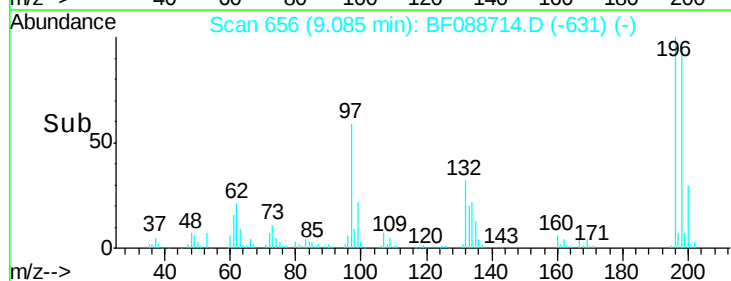
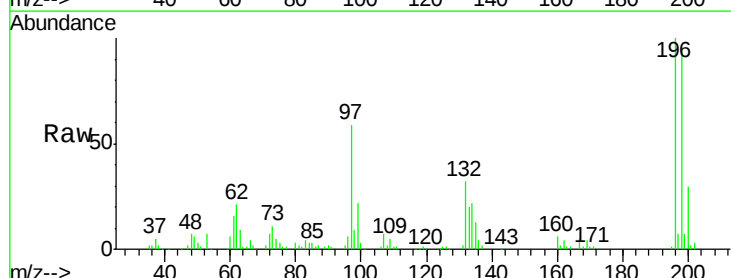
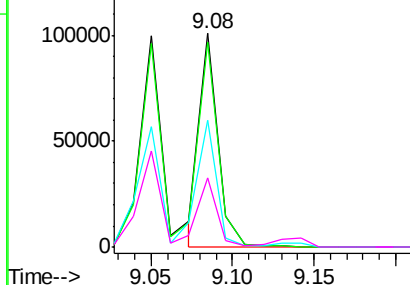
Abundance

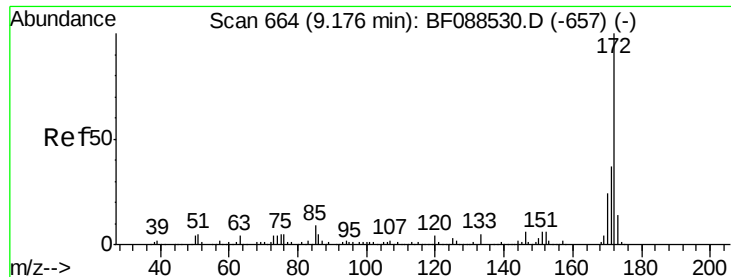
Ion 196.00 (195.70 to 196.70): E

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: 85.24 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

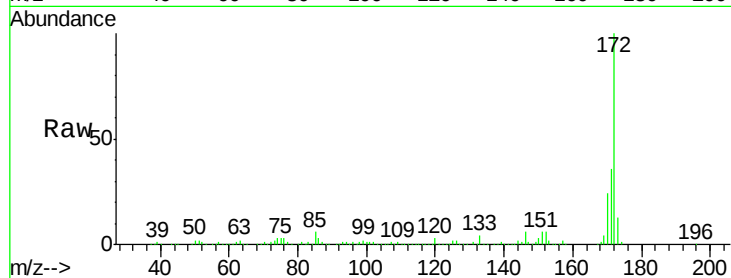
Tot Ion:172 Resp: 1132467

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

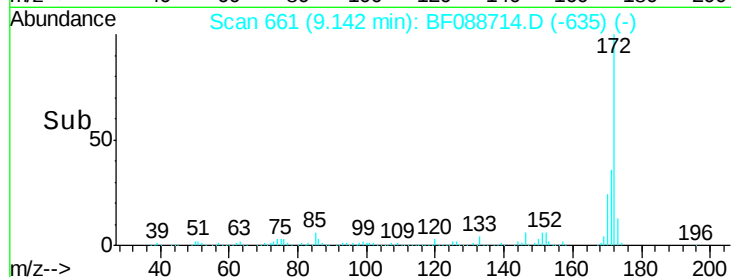
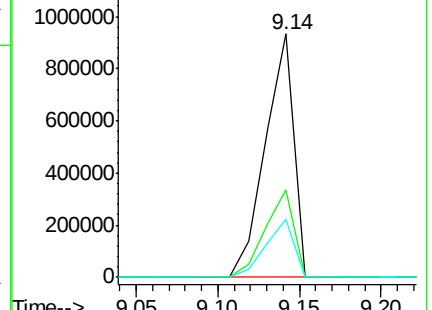
170 23.8 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

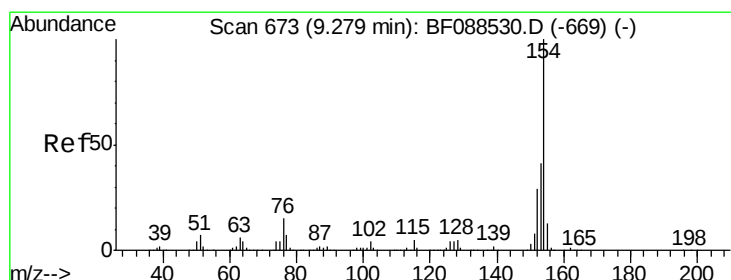
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



sohil

7/6/2016 7:19:22 PM



#45

1,1'-Biphenyl

Concen: 20.13 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

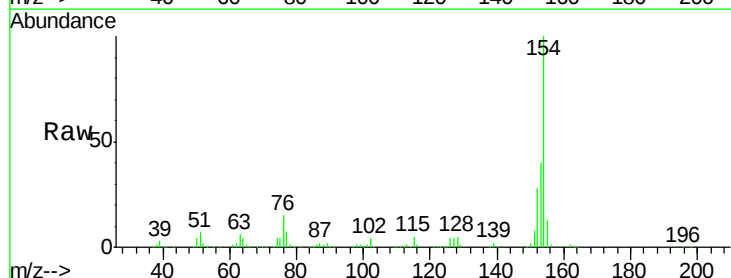
Tgt Ion:154 Resp: 349882

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

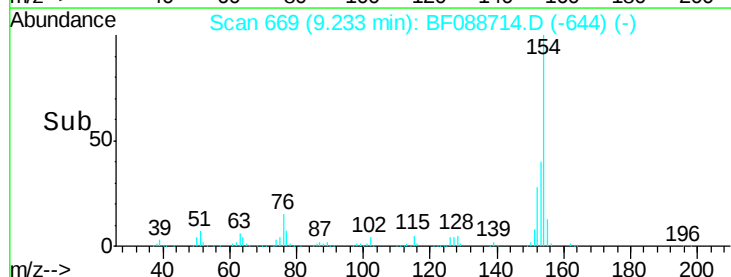
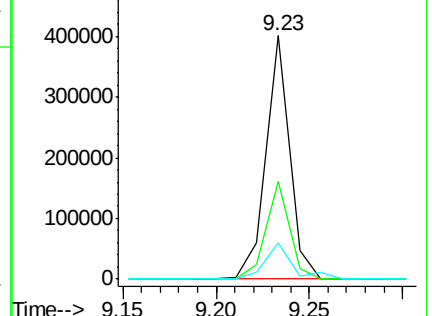
76 14.8 0.0 35.1

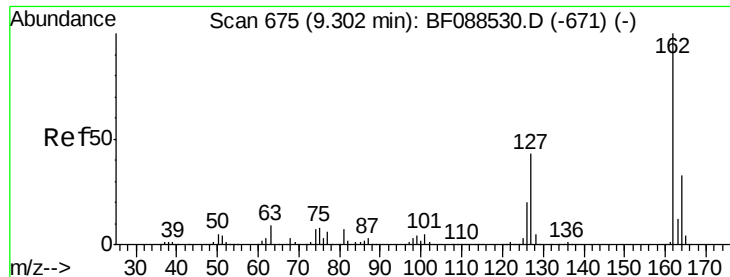


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

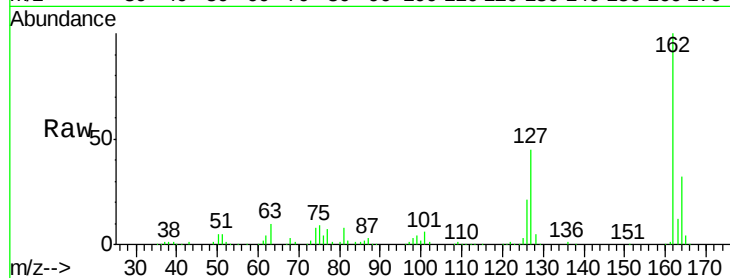




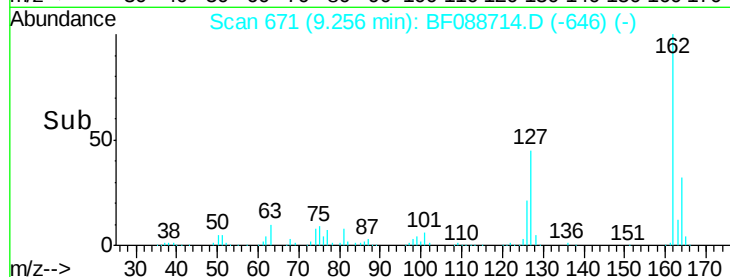
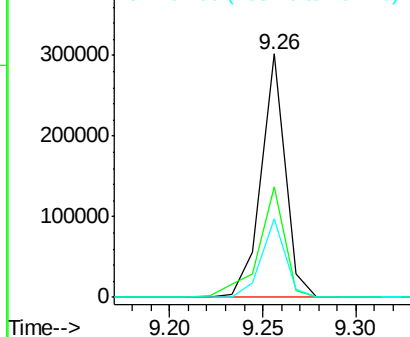
#46
2-Chloronaphthalene
Concen: 19.68 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.2	35.2	52.8
164	32.5	26.6	39.8

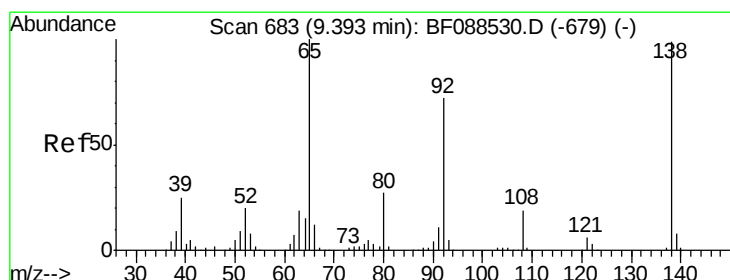


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



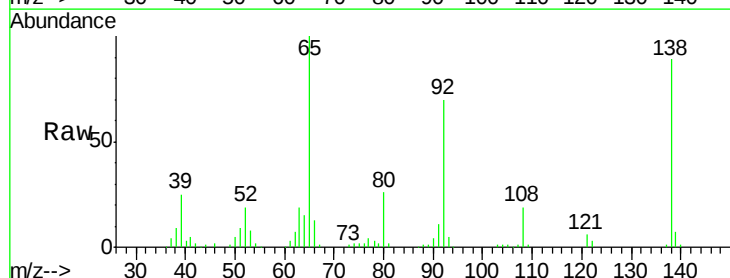
sohil

7/6/2016 7:19:22 PM

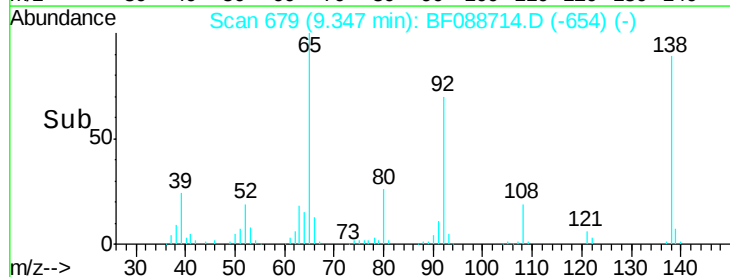
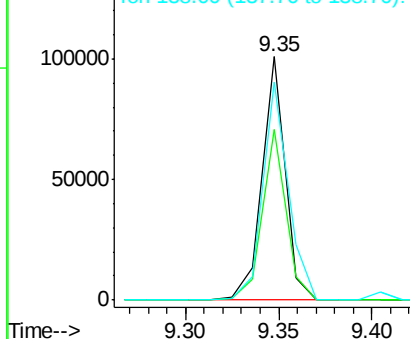


#47
2-Nitroaniline
Concen: 17.66 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.6	82.0
138	89.3	77.0	115.4



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

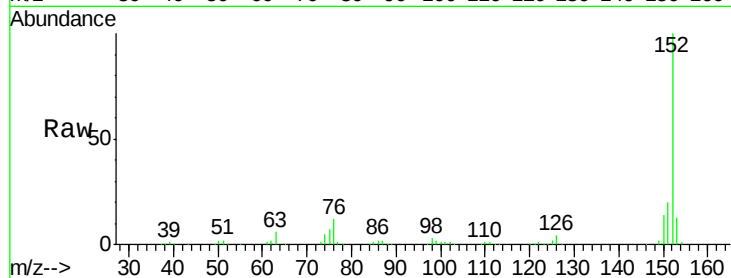




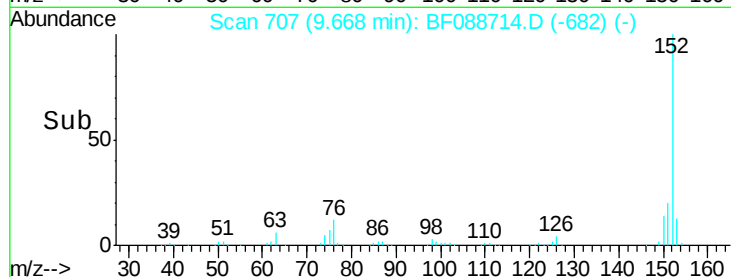
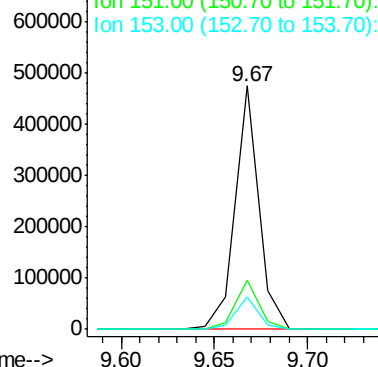
#48
Acenaphthylene
Concen: 19.53 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.4	11.0	16.6

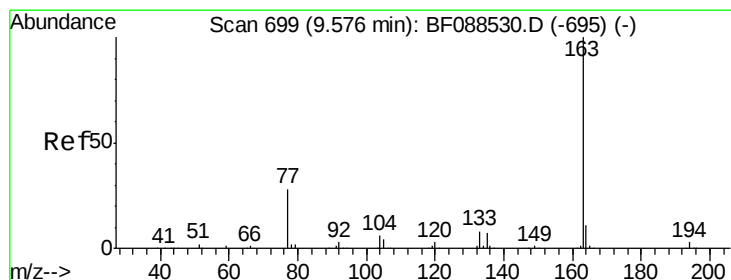


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



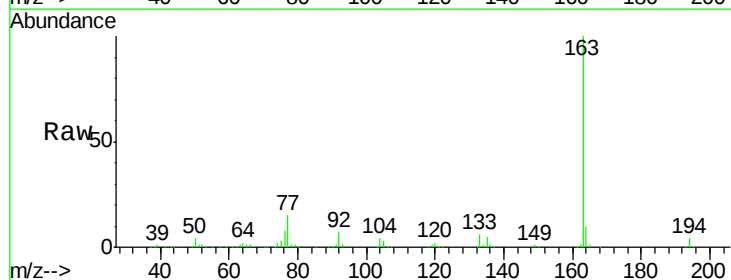
sohil

7/6/2016 7:19:22 PM

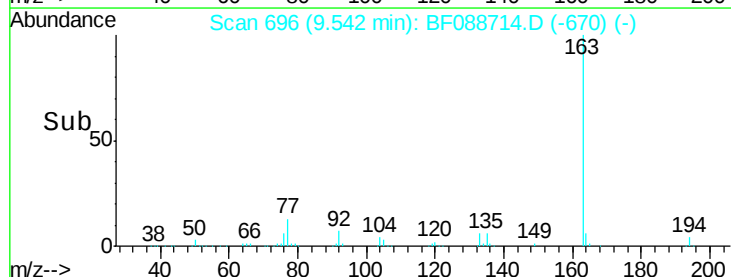
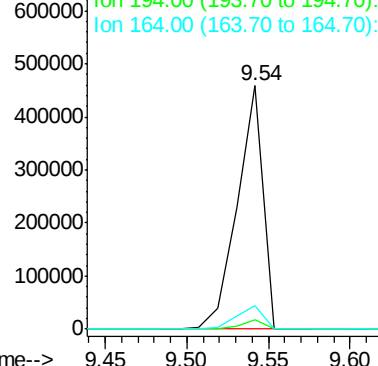


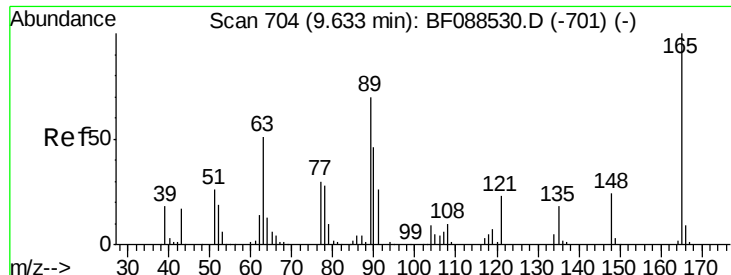
#49
Dimethylphthalate
Concen: 33.69 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.8	8.3	12.5



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

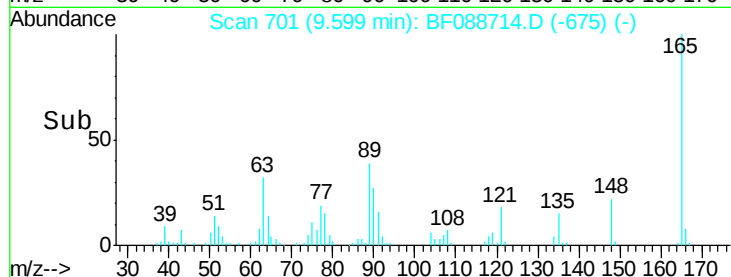
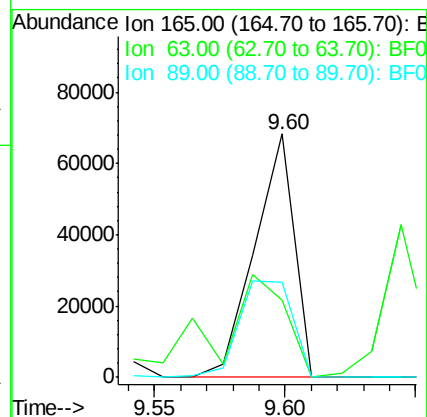
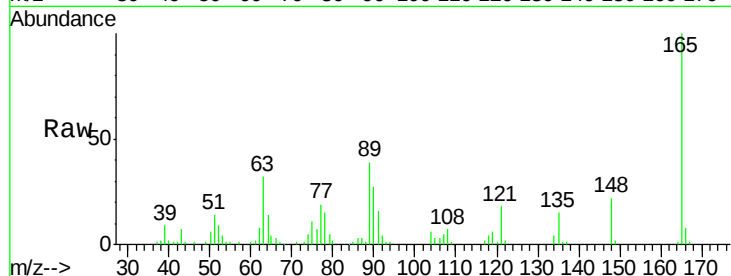




#50
2,6-Dinitrotoluene
Concen: 21.95 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

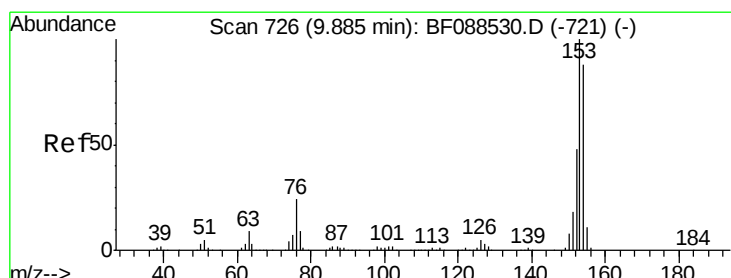
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	31.7	28.1	42.1
89	39.1	32.2	48.2



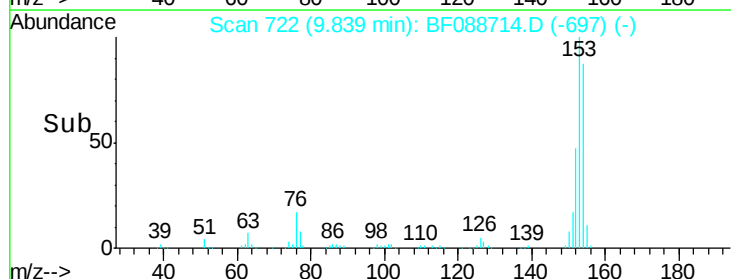
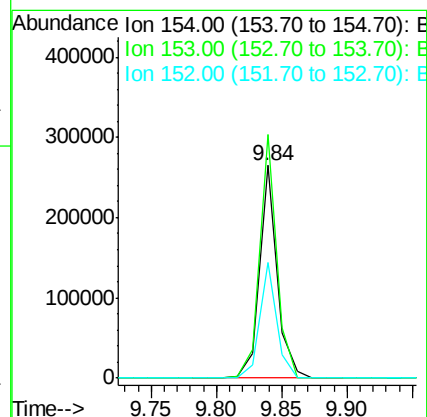
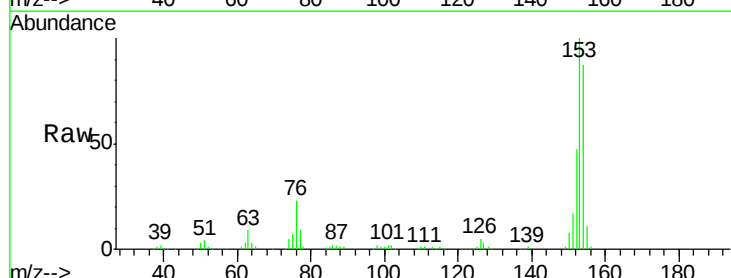
sohil

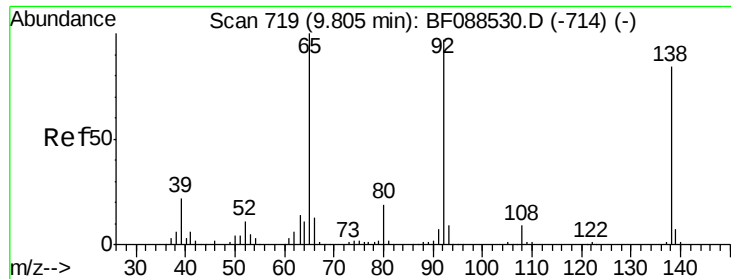
7/6/2016 7:19:22 PM



#51
Acenaphthene
Concen: 18.74 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.5	134.3
152	54.2	42.7	64.1





#52

3-Nitroaniline

Concen: 16.83 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

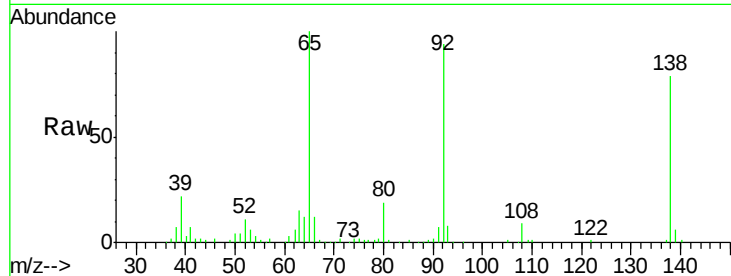
Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

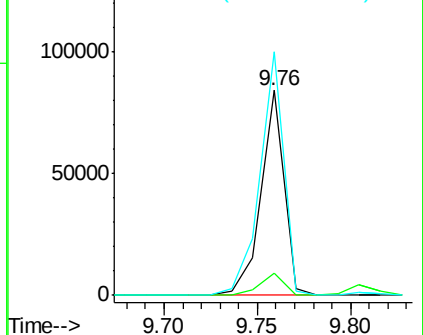
Tot Ion:138	Resp:	70888
Ion Ratio	Lower	Upper
138	100	
108	10.9	8.5 12.7
92	118.9	95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

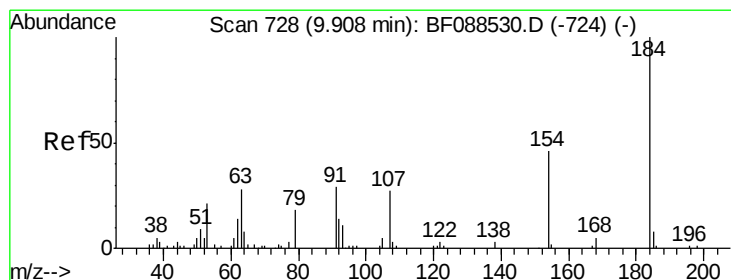
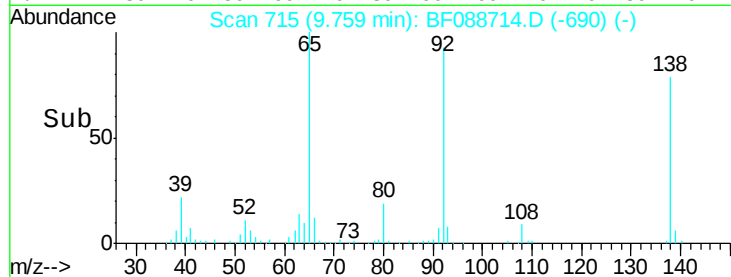
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



sohil

7/6/2016 7:19:22 PM



#53

2,4-Dinitrophenol

Concen: 5.95 ng

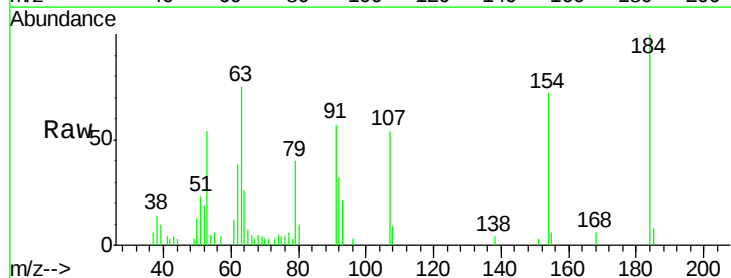
RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

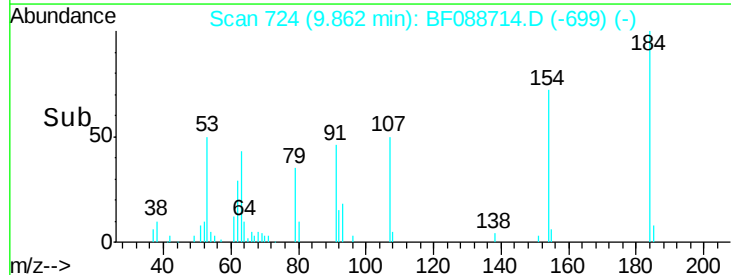
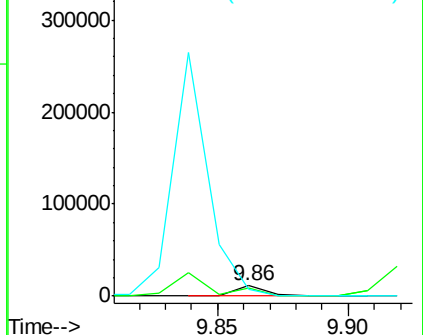
Tgt Ion:184	Resp:	8702
Ion Ratio	Lower	Upper
184	100	
63	75.2	57.6 86.4
154	71.8	53.5 80.3

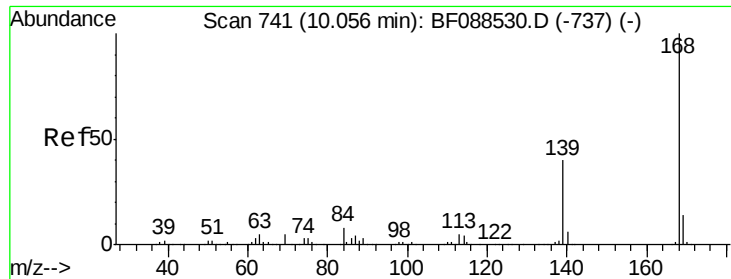


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

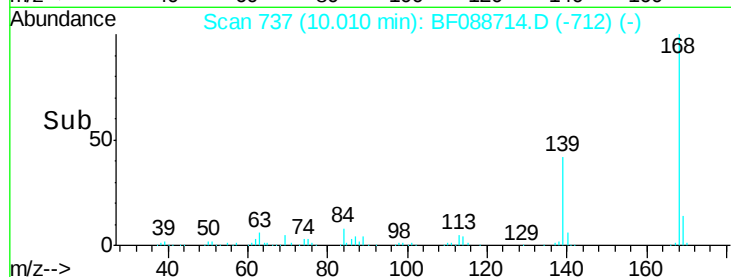
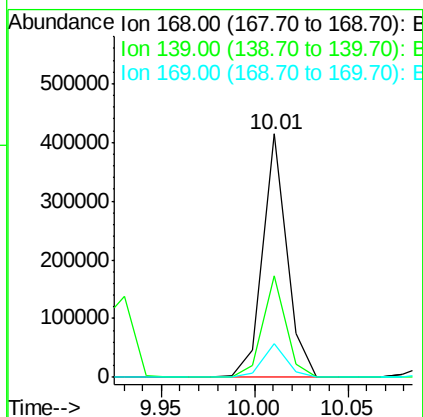
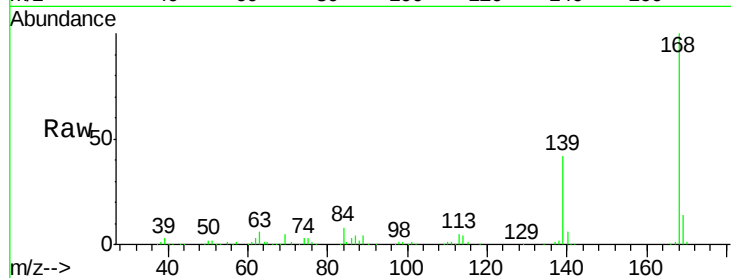




#54
Dibenzofuran
Concen: 21.16 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

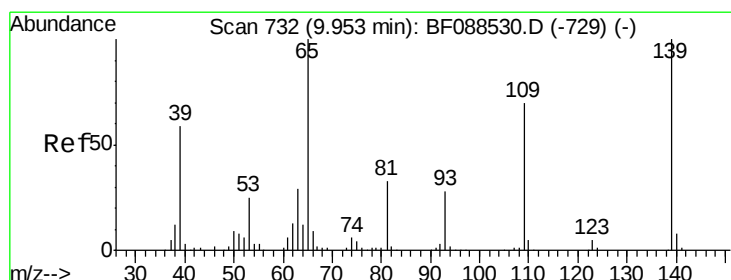
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:168 Resp: 368593
Ion Ratio Lower Upper
168 100
139 41.8 26.4 39.6#
169 13.6 10.4 15.6



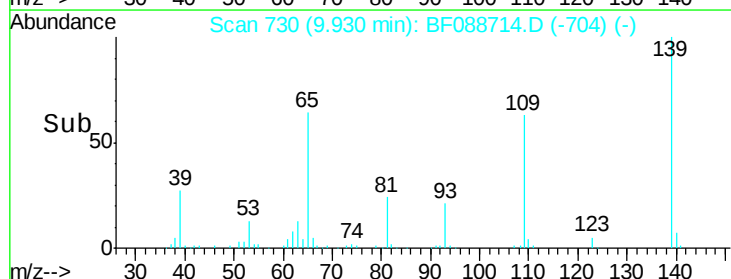
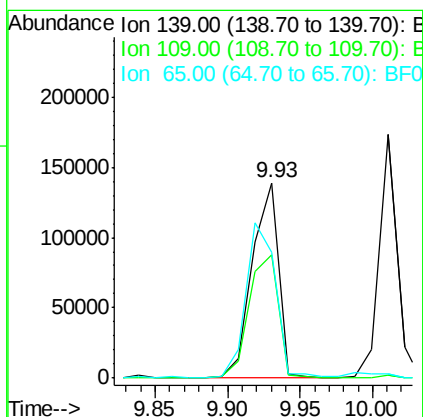
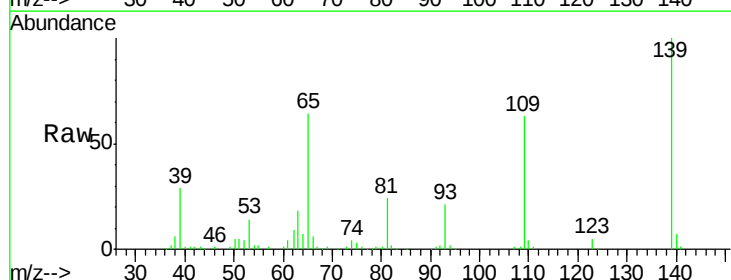
sohil

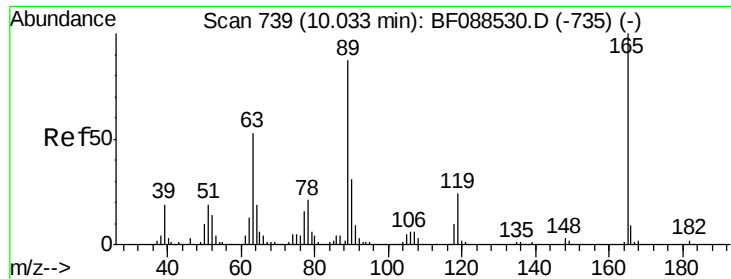
7/6/2016 7:19:22 PM



#55
4-Nitrophenol
Concen: 54.82 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:139 Resp: 175476
Ion Ratio Lower Upper
139 100
109 63.3 48.9 88.9
65 64.4 84.9 124.9#

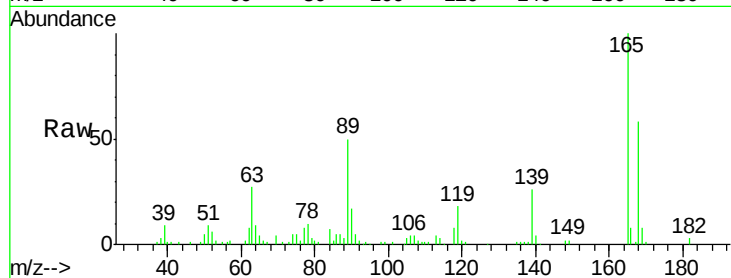




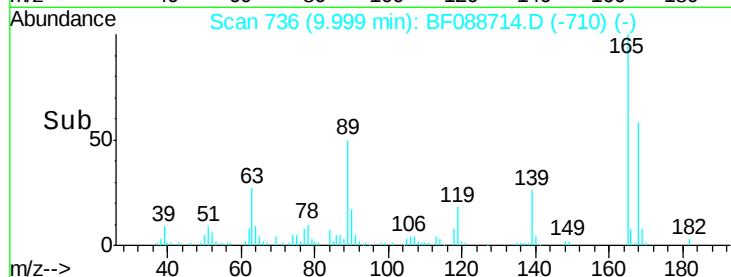
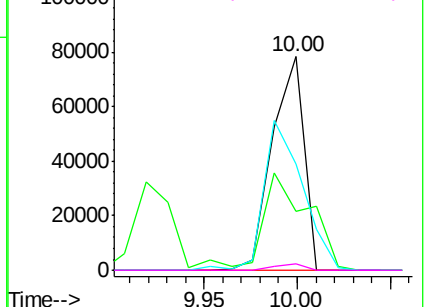
#56
2,4-Dinitrotoluene
Concen: 21.31 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:165	Resp:	92326
Ion Ratio	Lower	Upper
165	100	
63	27.4	22.0 33.0
89	49.5	41.1 61.7
182	2.8	2.0 3.0

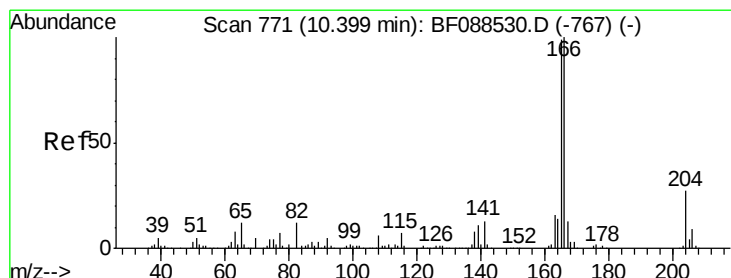


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



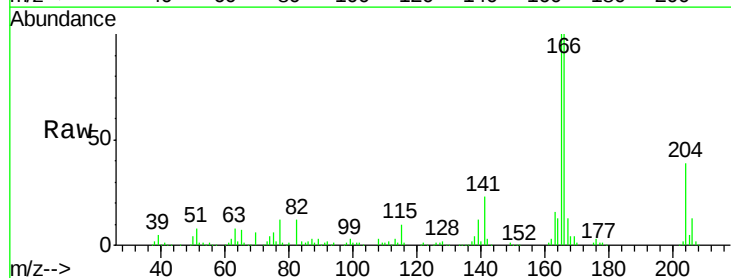
sohil

7/6/2016 7:19:22 PM

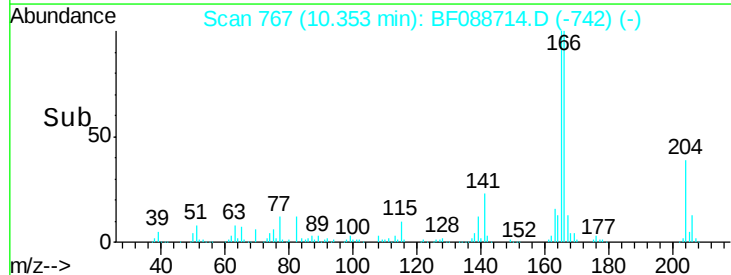
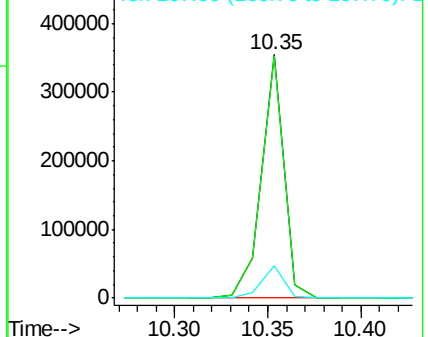


#57
Fluorene
Concen: 22.35 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:166	Resp:	299940
Ion Ratio	Lower	Upper
166	100	
165	99.8	77.8 116.8
167	13.3	11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

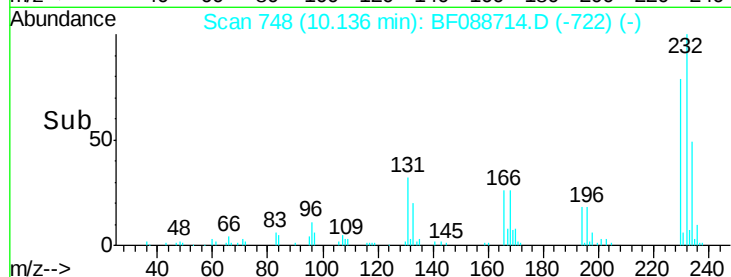
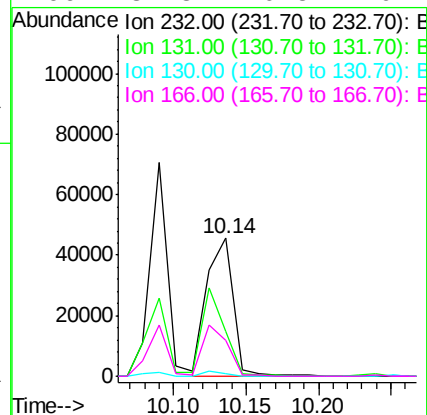
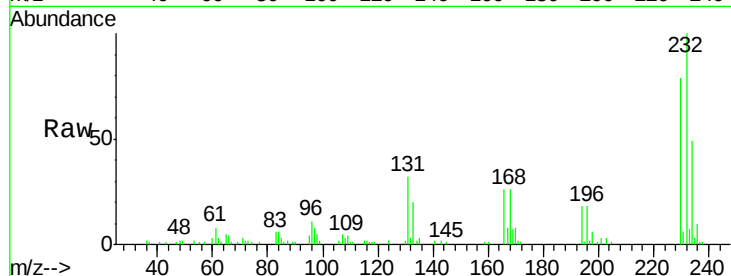




#58
2,3,4,6-Tetrachlorophenol
Concen: 19.01 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

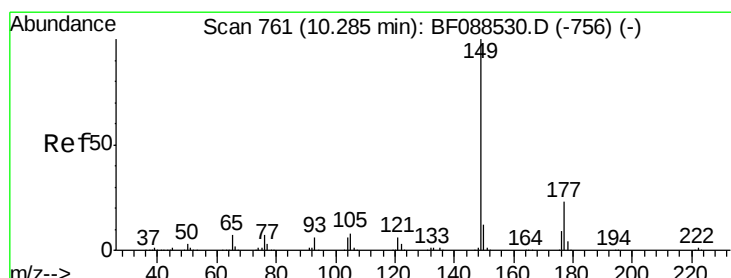
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.5	0.9	1.3#
130	2.7	1.5	2.3#
166	34.8	0.5	0.7#



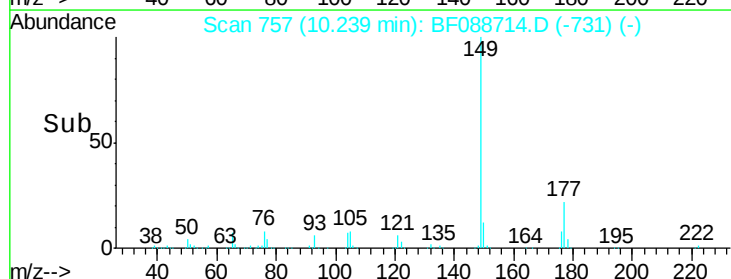
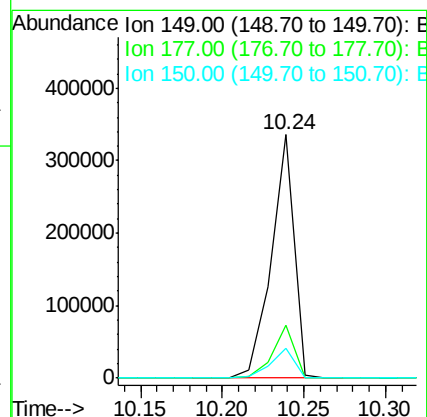
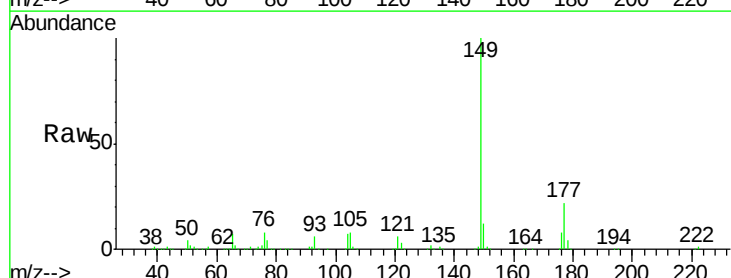
sohil

7/6/2016 7:19:22 PM



#59
Diethylphthalate
Concen: 21.91 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.9	25.3
150	12.3	10.1	15.1

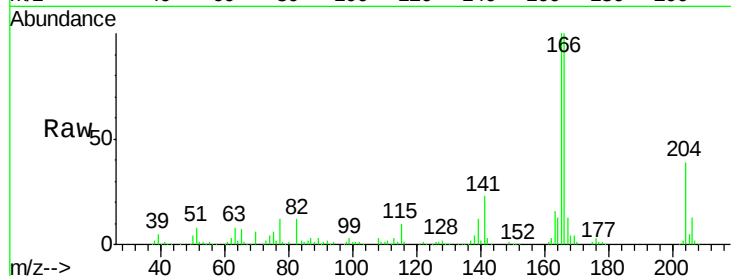




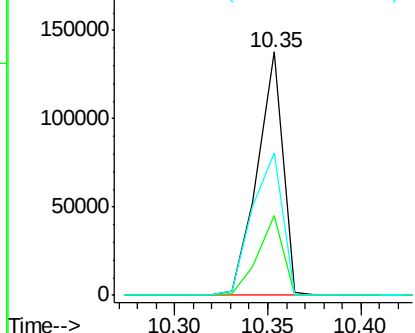
#60
4-Chlorophenyl-phenylether
Concen: 21.31 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	58.3	55.0	82.6

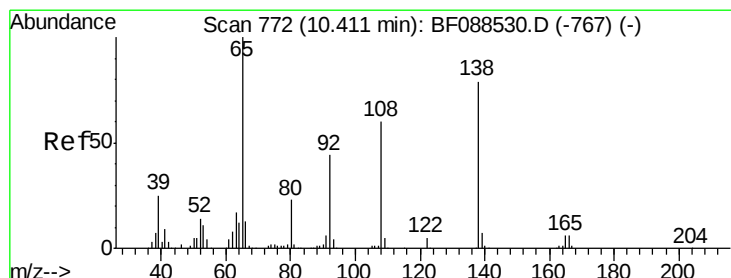
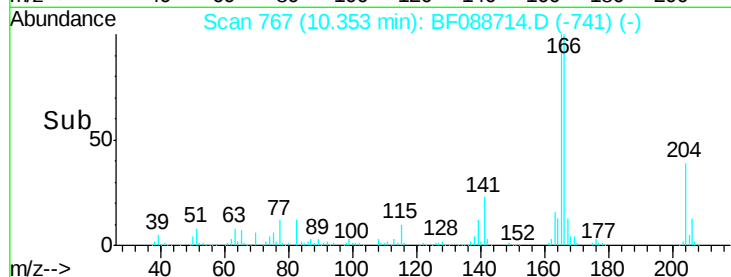


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



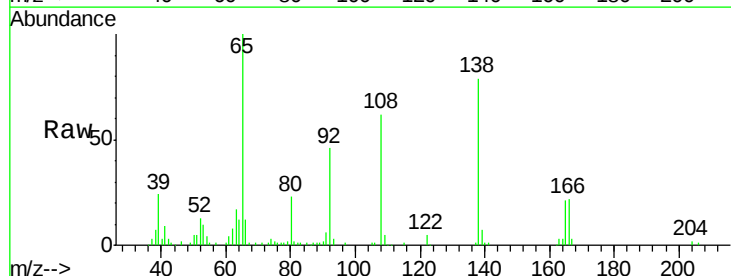
sohil

7/6/2016 7:19:22 PM

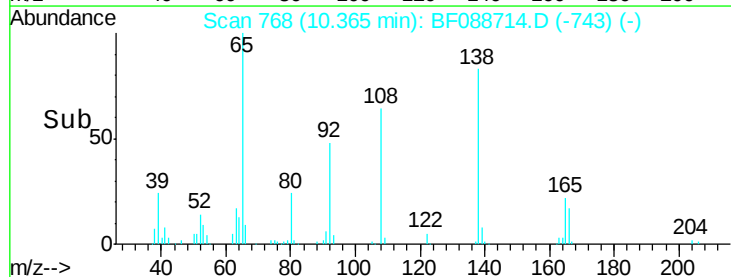
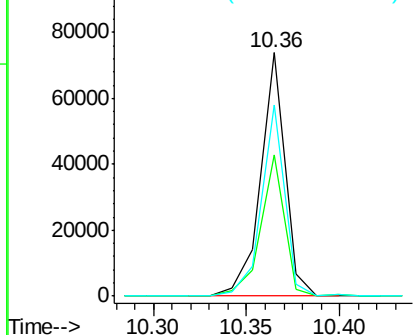


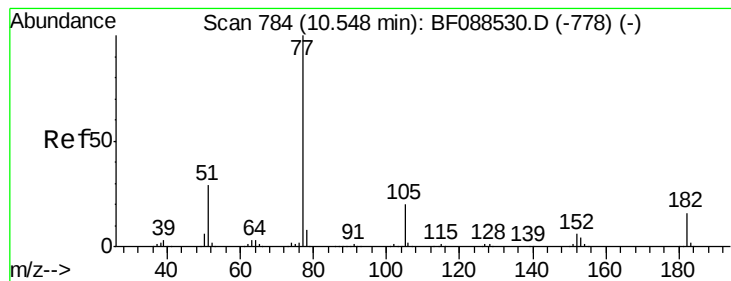
#61
4-Nitroaniline
Concen: 16.45 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	27.3	67.3
108	78.5	46.7	86.7



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





#62

Azobenzene

Concen: 21.18 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion: 77 Resp: 362436

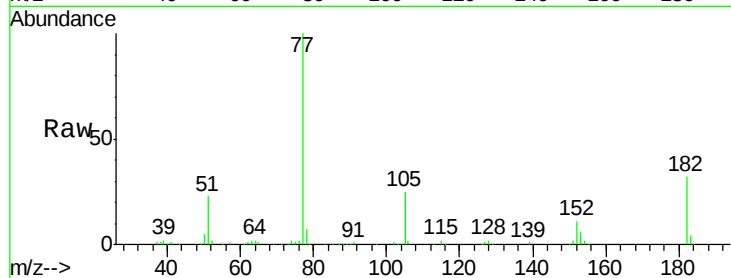
Ion Ratio Lower Upper

77 100

182 31.7 4.4 44.4

105 25.1 3.8 43.8

51 22.9 9.3 49.3

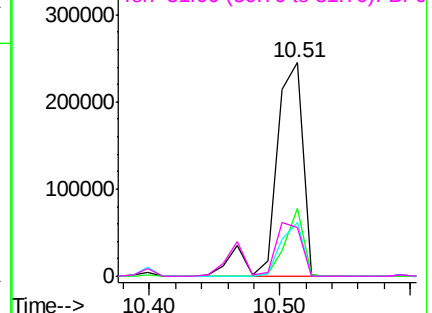
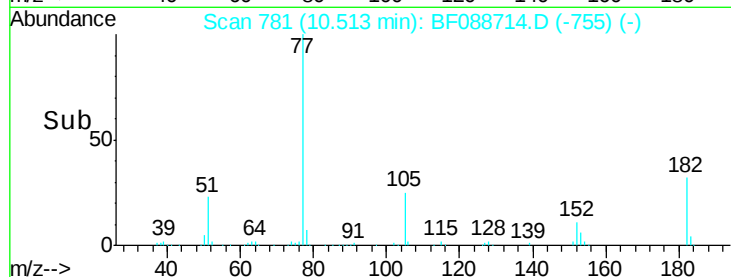


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

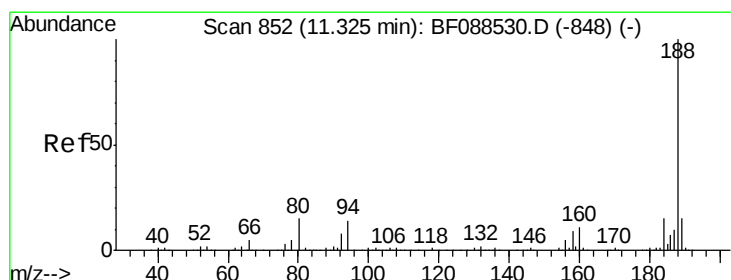
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



sohil

7/6/2016 7:19:22 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

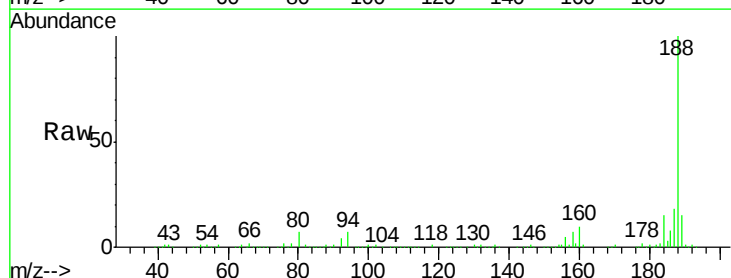
Tgt Ion: 188 Resp: 398163

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.6#

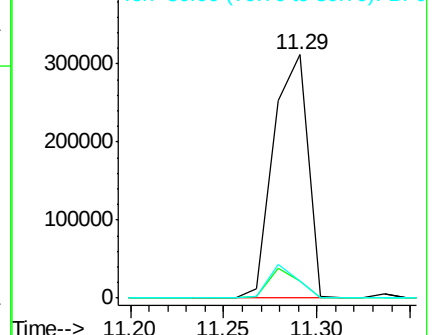
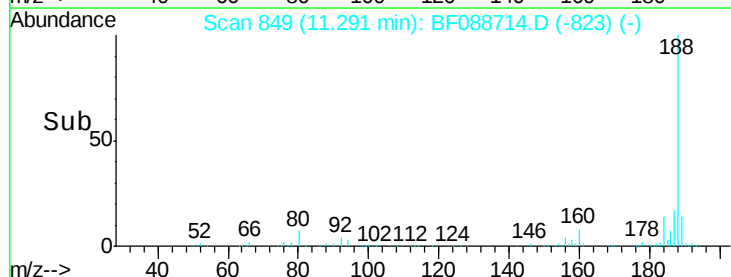
80 7.2 10.0 15.0#

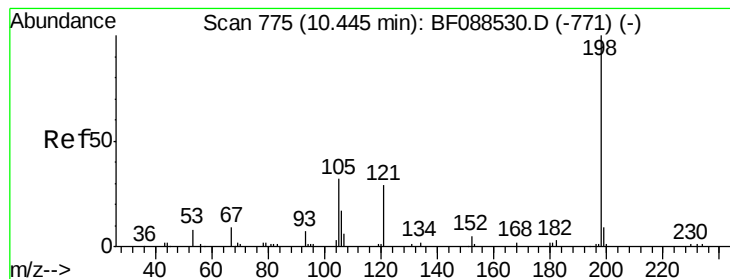


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.11 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

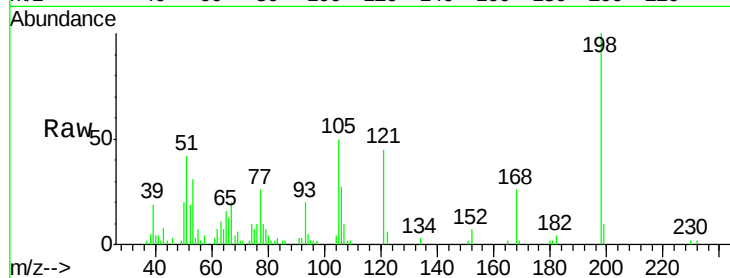
Tot Ion:198 Resp: 15133

Ion Ratio Lower Upper

198 100

51 42.4 39.6 79.6

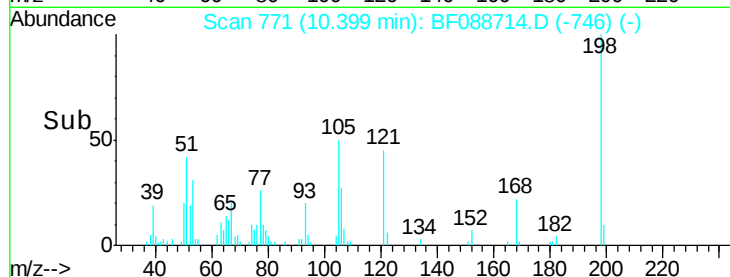
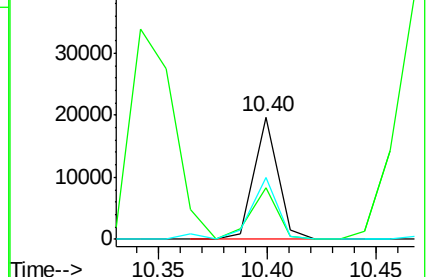
105 50.3 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

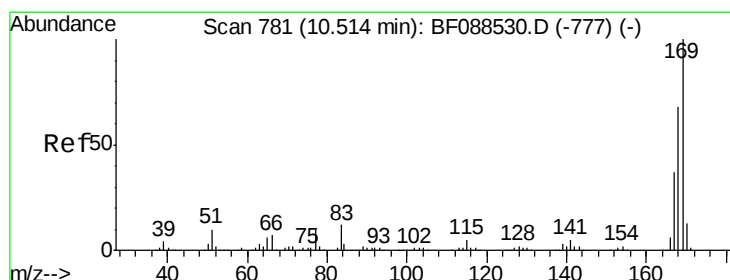
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



sohil

7/6/2016 7:19:22 PM



#65

n-Nitrosodiphenylamine

Concen: 19.80 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

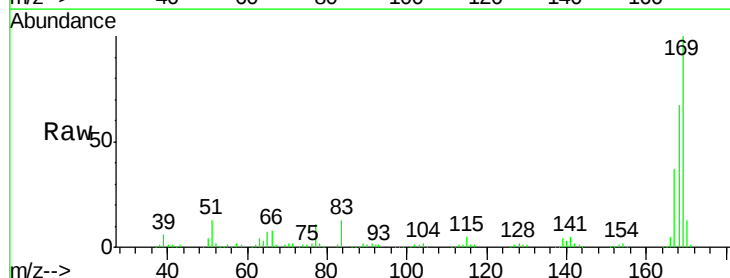
Tgt Ion:169 Resp: 266764

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

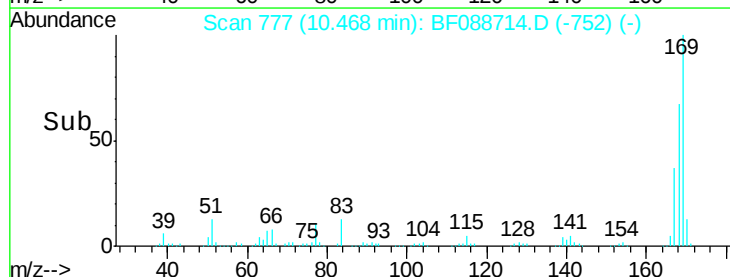
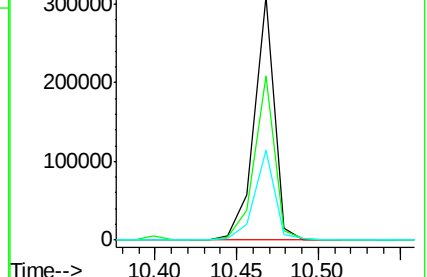
167 37.0 29.4 44.0



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

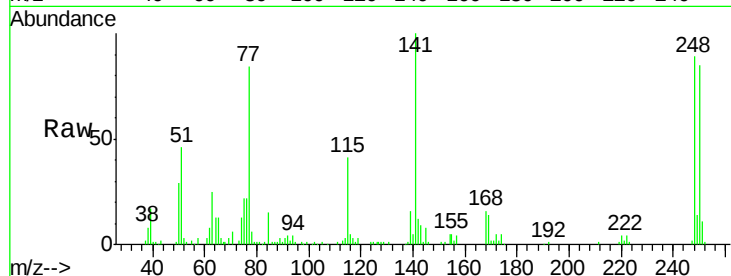




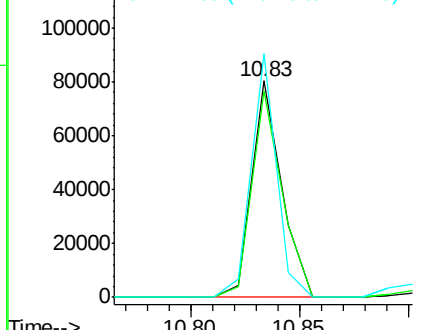
#66
4-Bromophenyl-phenylether
Concen: 19.10 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:248 Resp: 76639
Ion Ratio Lower Upper
248 100
250 95.3 77.1 115.7
141 112.5 50.6 76.0#

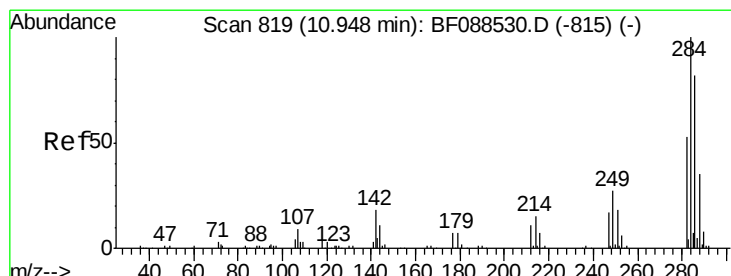
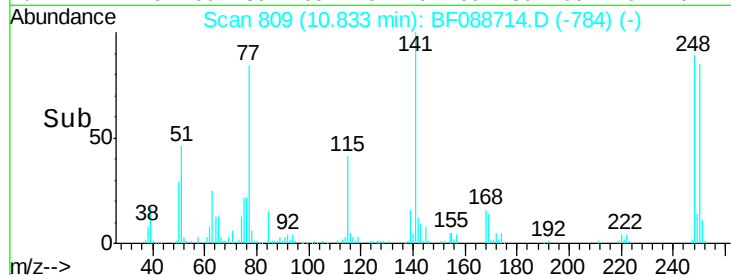


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



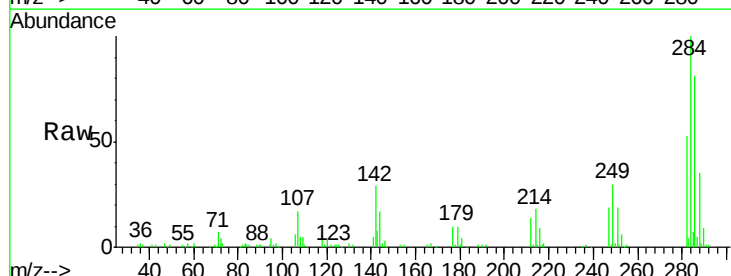
sohil

7/6/2016 7:19:22 PM

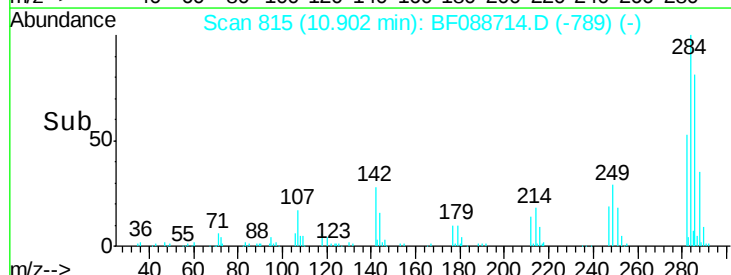
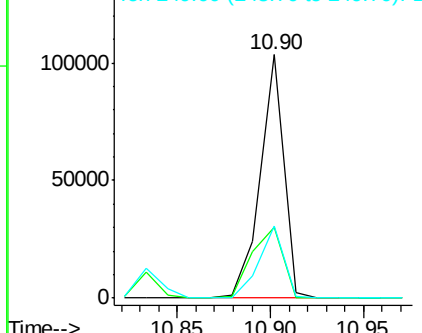


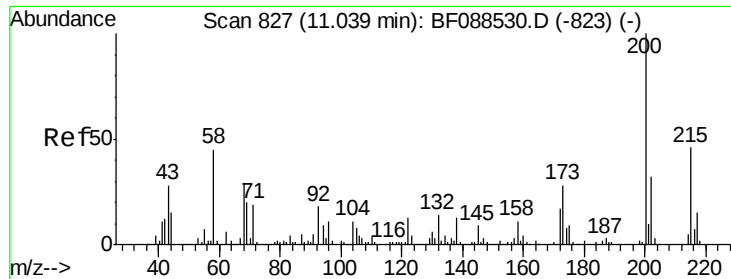
#67
Hexachlorobenzene
Concen: 20.25 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:284 Resp: 89951
Ion Ratio Lower Upper
284 100
142 29.1 35.8 53.8#
249 29.8 25.8 38.6



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

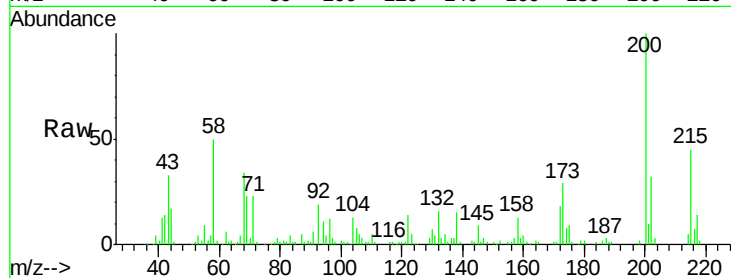




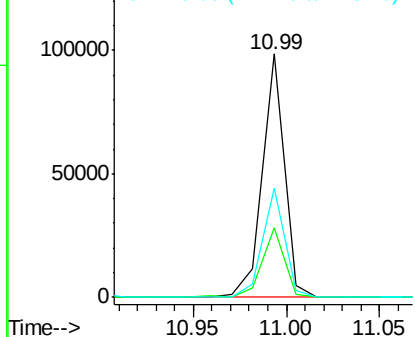
#68
Atrazine
Concen: 18.97 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	4.0	44.0
215	44.6	29.3	69.3

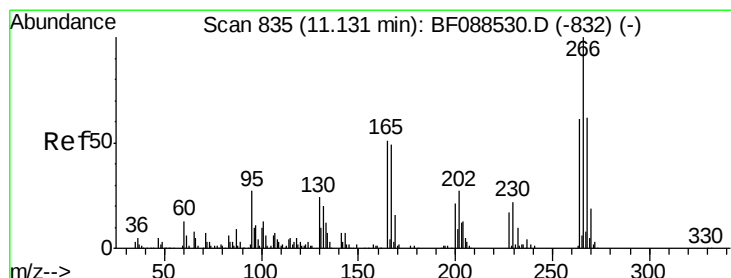
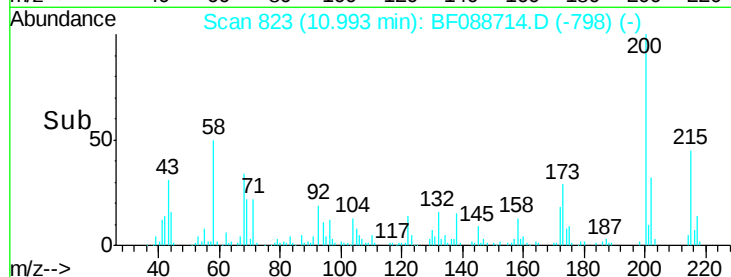


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



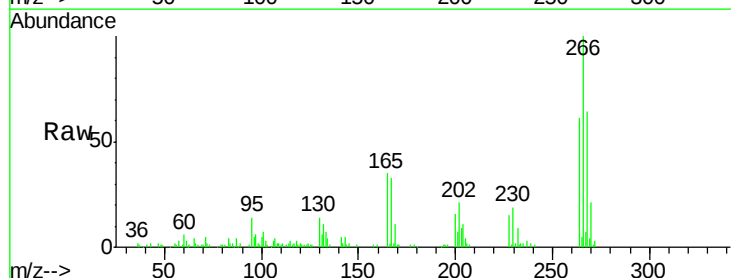
sohil

7/6/2016 7:19:22 PM

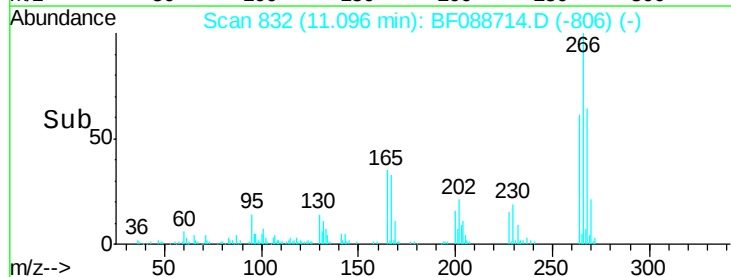
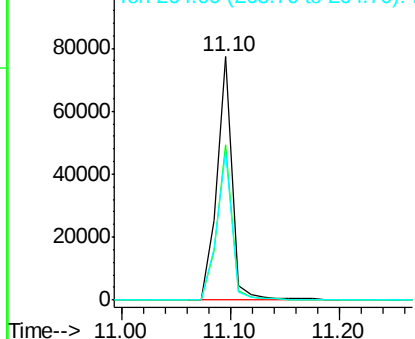


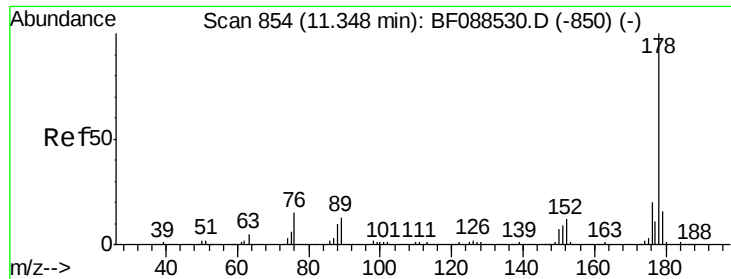
#69
Pentachlorophenol
Concen: 29.10 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	61.1	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

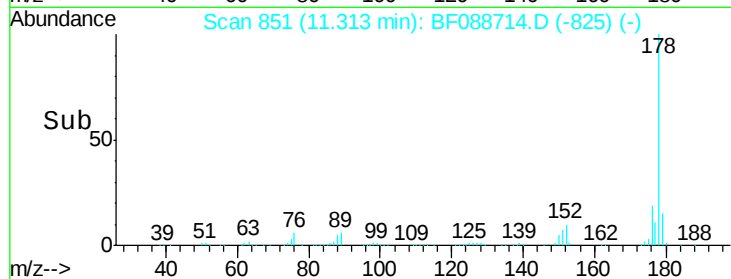
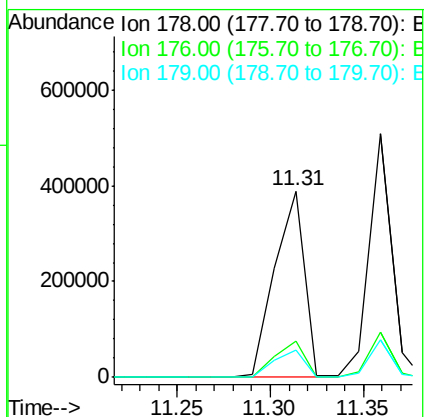
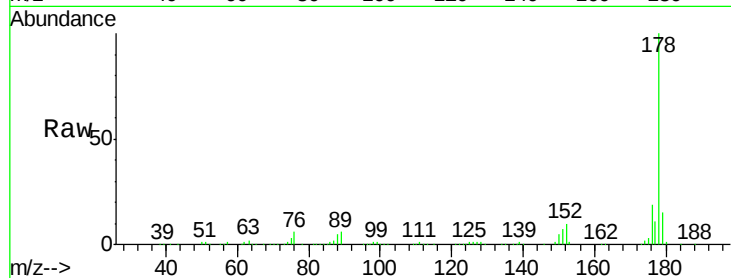




#70
Phenanthrene
Concen: 19.85 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

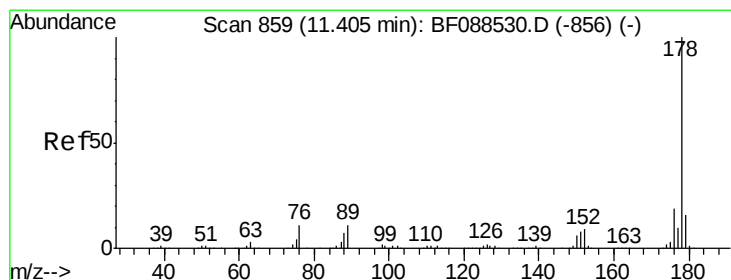
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:178 Resp: 431992
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.0 13.0 19.4



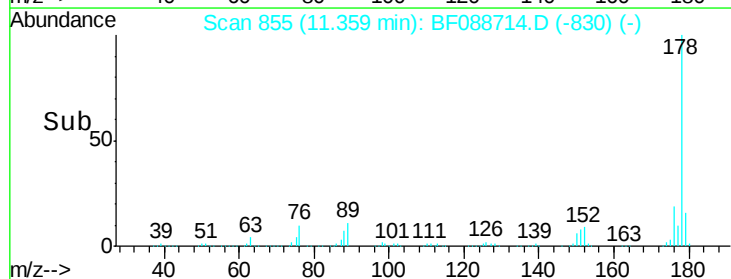
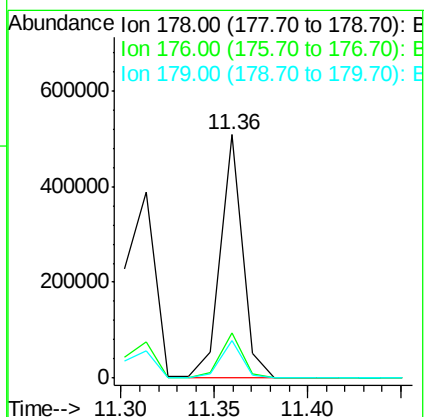
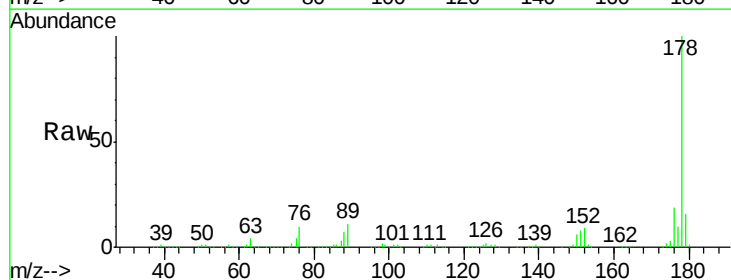
sohil

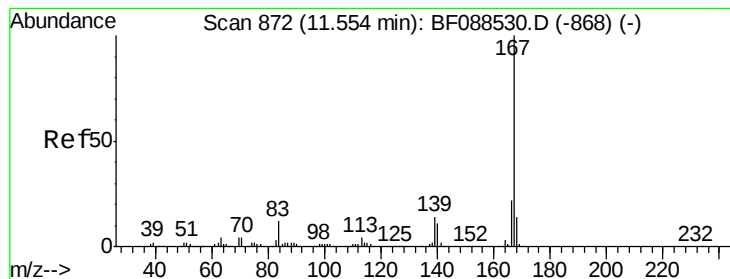
7/6/2016 7:19:22 PM



#71
Anthracene
Concen: 19.54 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:178 Resp: 422818
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.6 12.8 19.2





#72

Carbazole

Concen: 18.97 ng

RT: 11.52 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

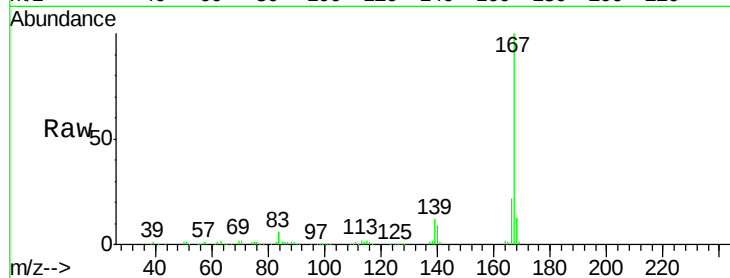
Tot Ion:167 Resp: 386411

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

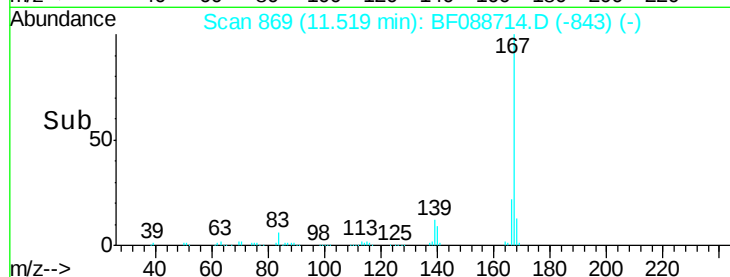
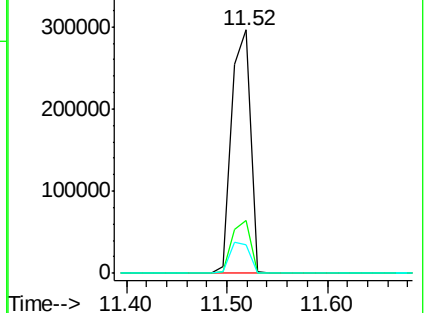
139 11.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

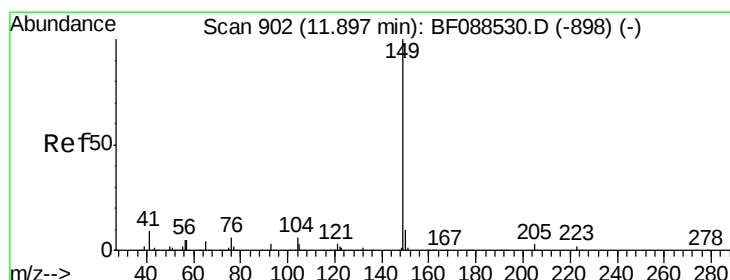
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



sohil

7/6/2016 7:19:22 PM



#73

Di-n-butylphthalate

Concen: 19.45 ng

RT: 11.85 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

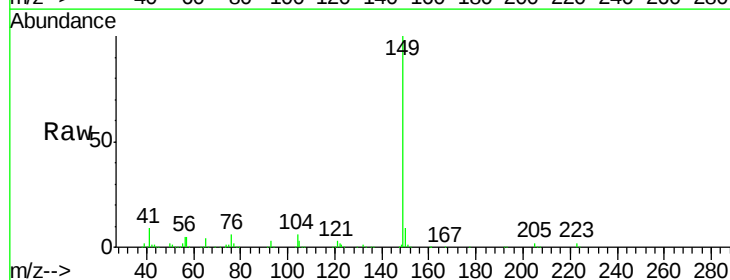
Tgt Ion:149 Resp: 460936

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

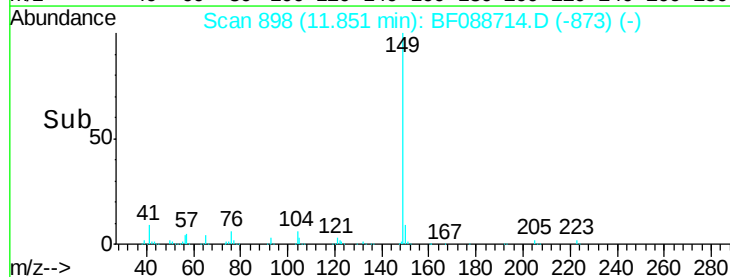
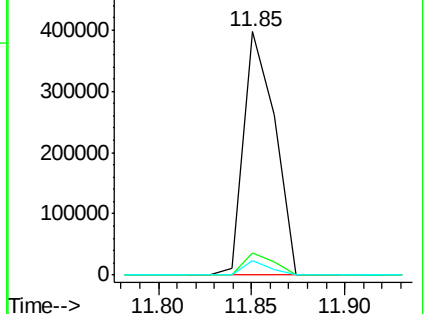
104 5.8 4.0 6.0

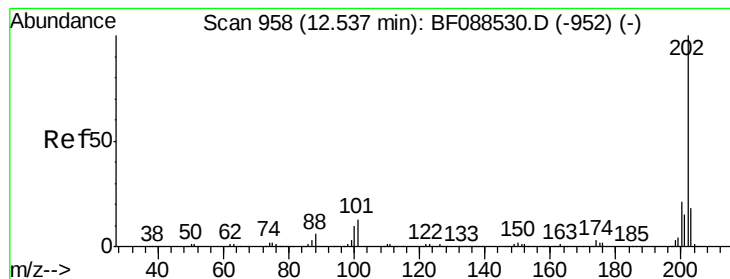


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.92 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

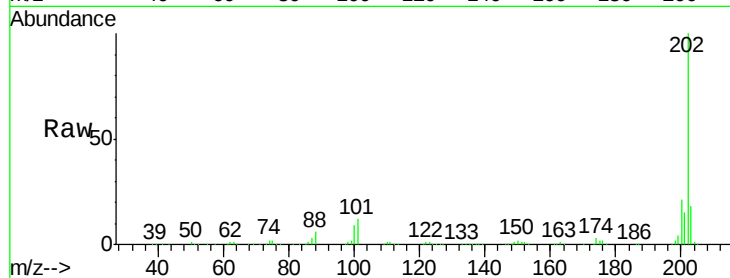
Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

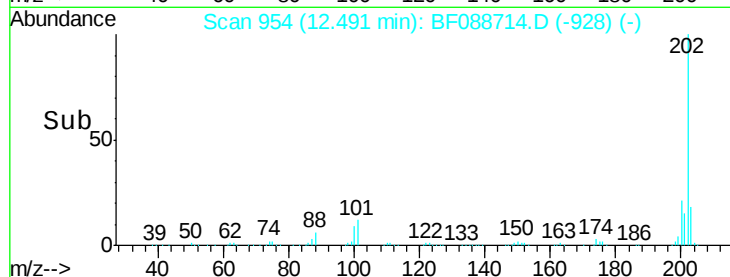
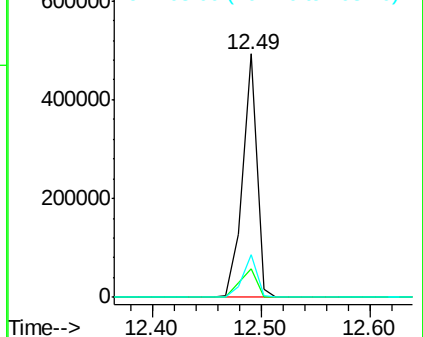
Tot Ion:	202	Resp:	439593
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.1
203	17.6	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

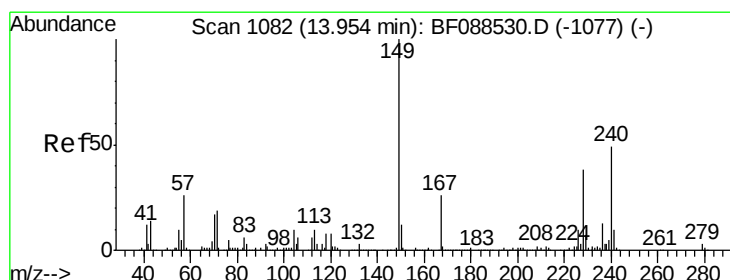
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



sohil

7/6/2016 7:19:22 PM



#75

Chrysene-d12

Concen: 20.00 ng

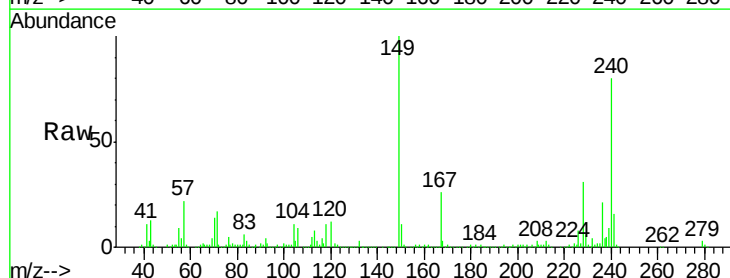
RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

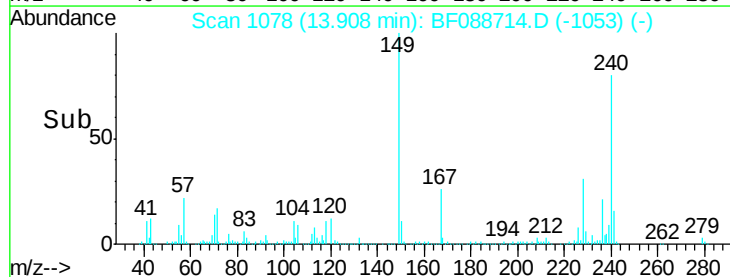
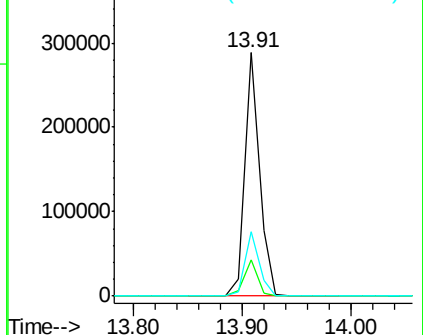
Tgt Ion:	240	Resp:	268572
Ion Ratio	Lower	Upper	
240	100		
120	15.2	6.8	10.2#
236	26.2	20.2	30.2

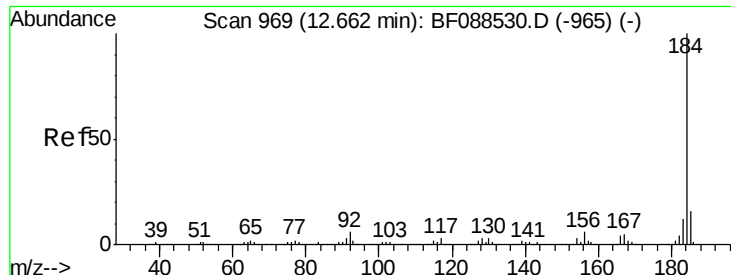


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 9.18 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

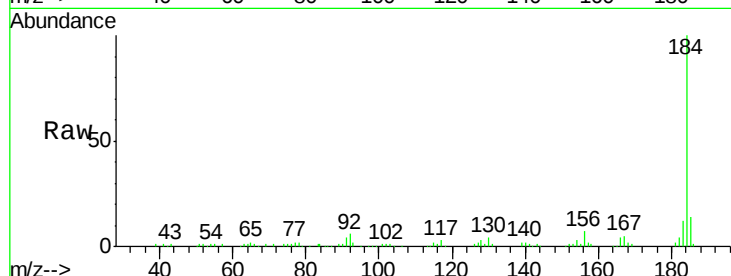
Tot Ion:184 Resp: 124577

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

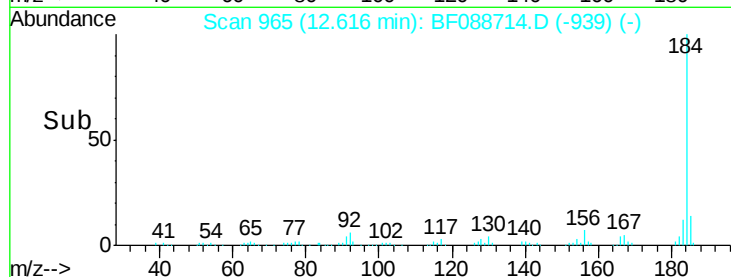
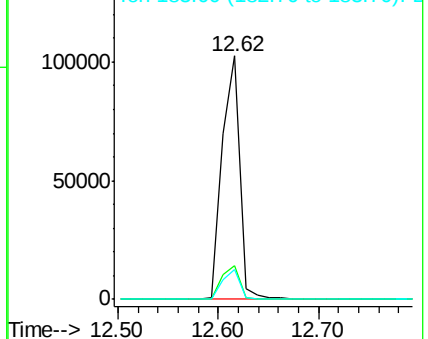
183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

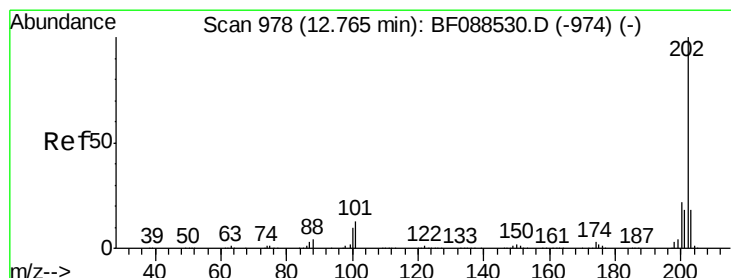
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



sohil

7/6/2016 7:19:22 PM



#77

Pyrene

Concen: 19.48 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF088714.D

Acq: 5 Jul 2016 20:40

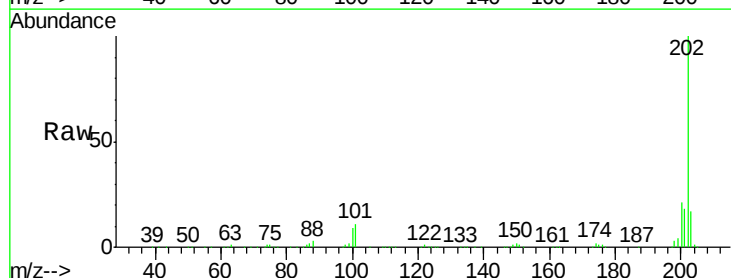
Tgt Ion:202 Resp: 443628

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

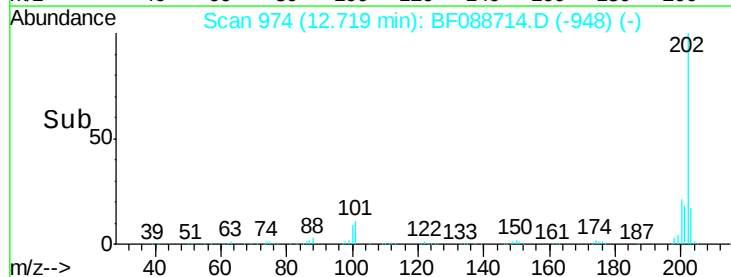
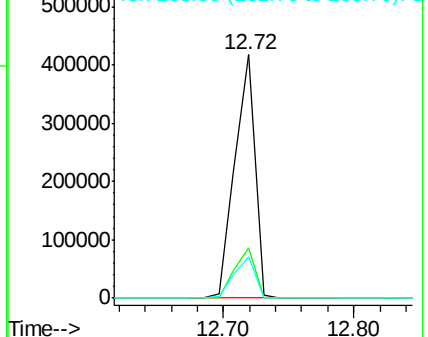
203 17.2 14.5 21.7

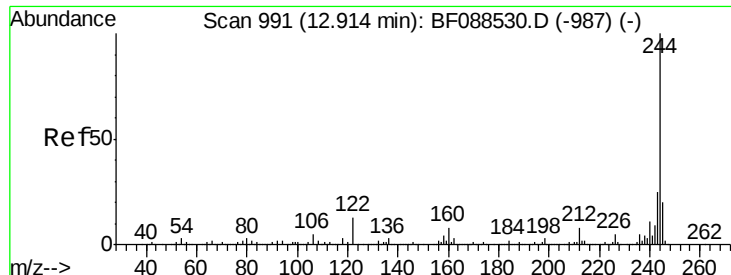


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

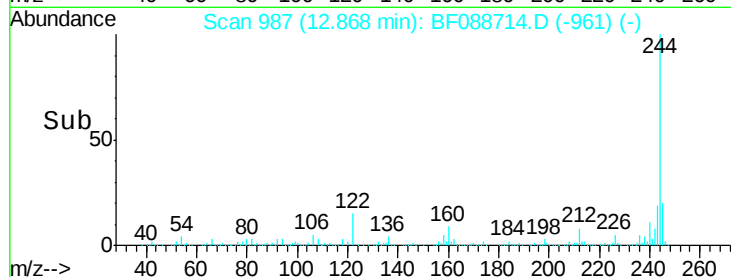
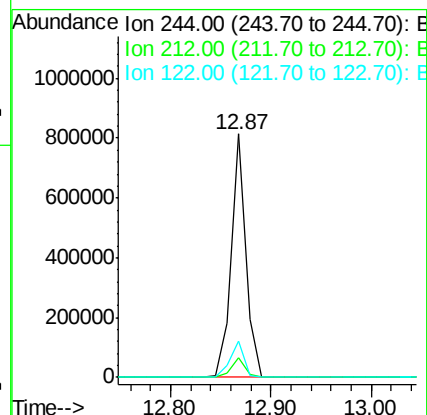
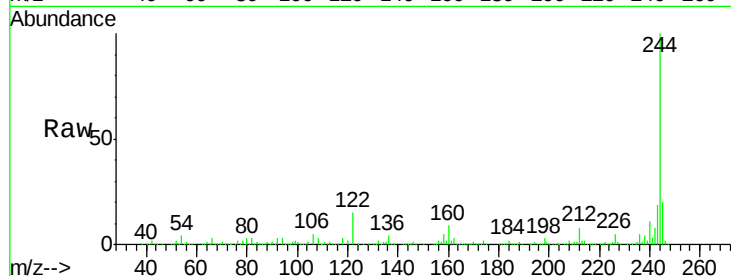




#78
 Terphenyl-d14
 Concen: 68.34 ng
 RT: 12.87 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

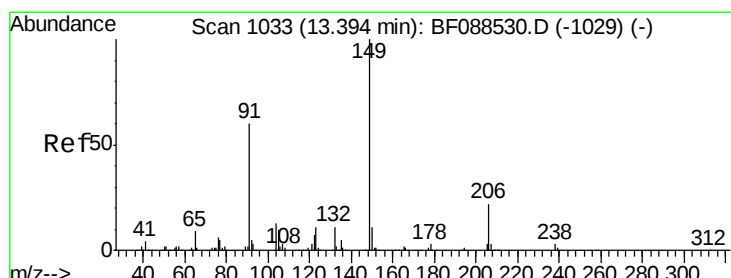
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	14.9	11.2	16.8



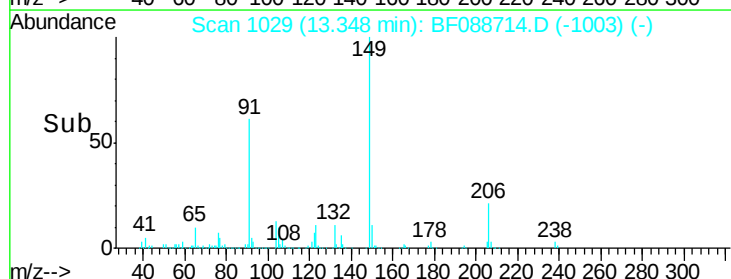
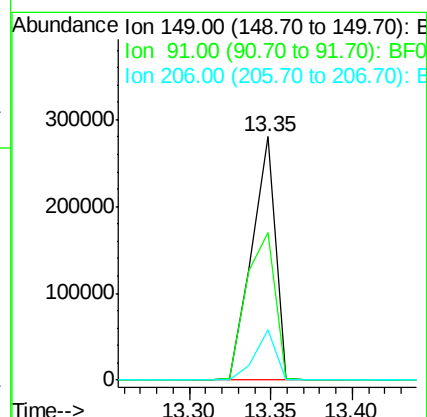
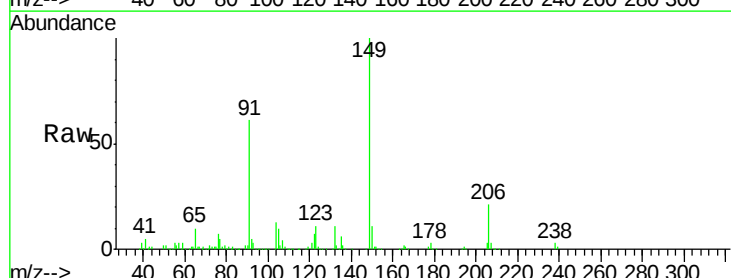
sohil

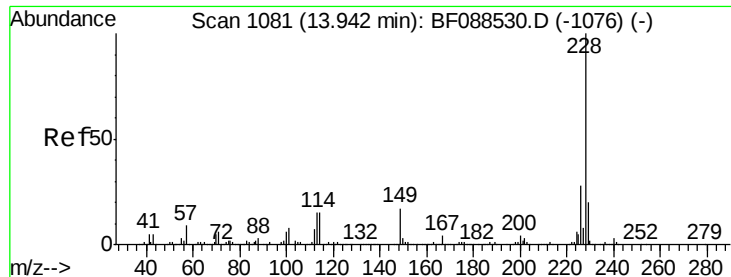
7/6/2016 7:19:22 PM



#79
 Butylbenzylphthalate
 Concen: 27.83 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.8	48.0	72.0
206	20.8	16.0	24.0

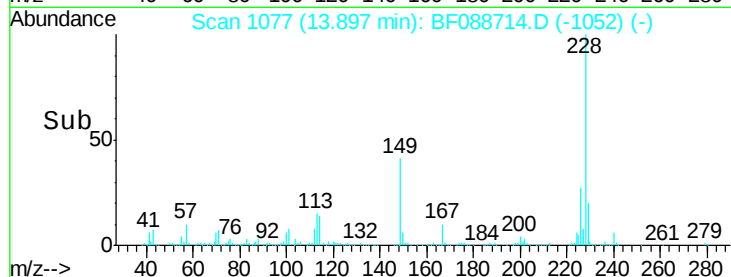
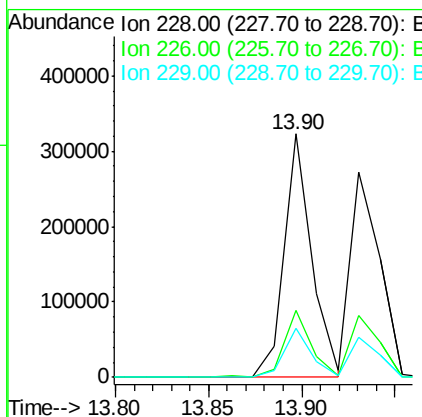
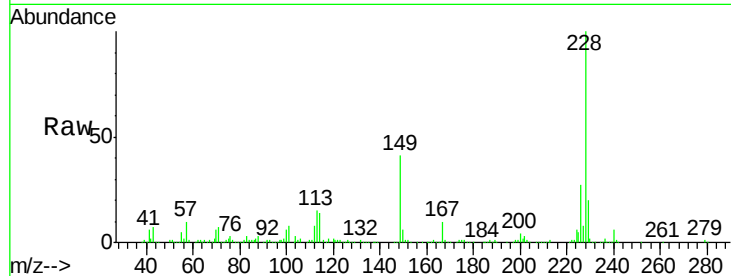




#80
Benzo(a)anthracene
Concen: 19.24 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

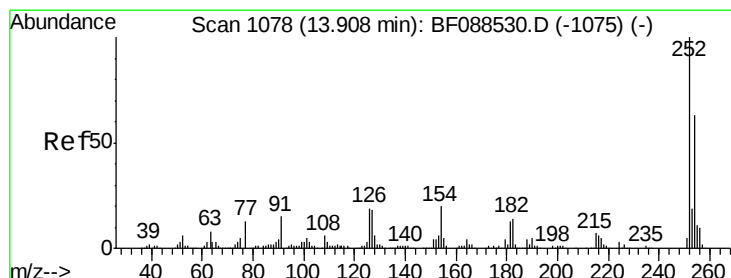
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.9	16.0	24.0



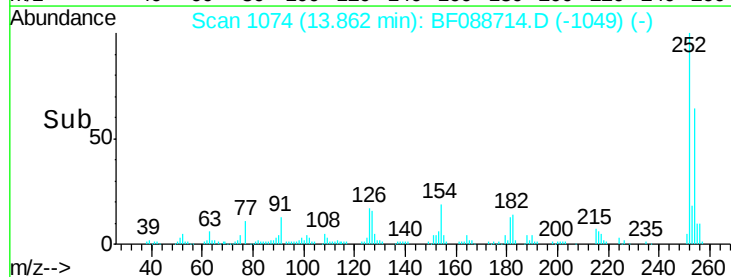
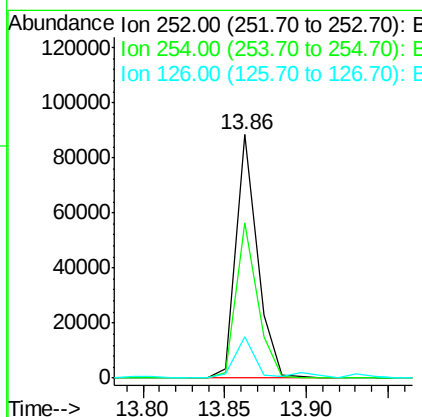
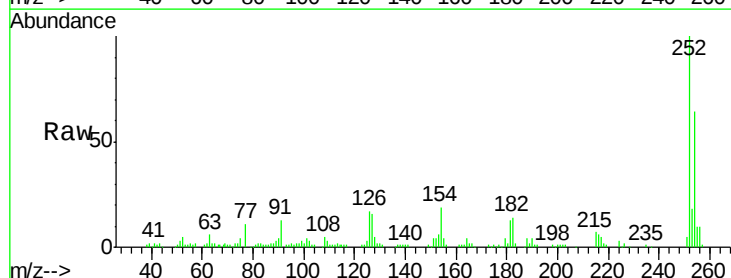
sohil

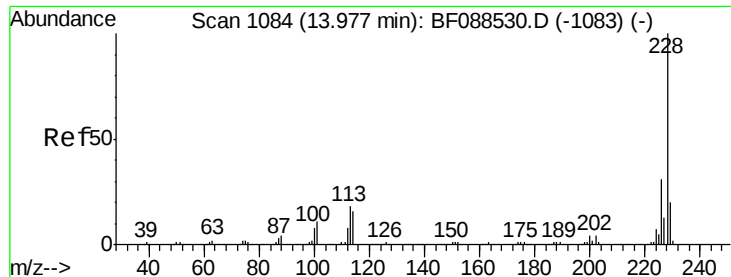
7/6/2016 7:19:22 PM



#81
3,3'-Dichlorobenzidine
Concen: 12.23 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	16.9	6.2	9.2#

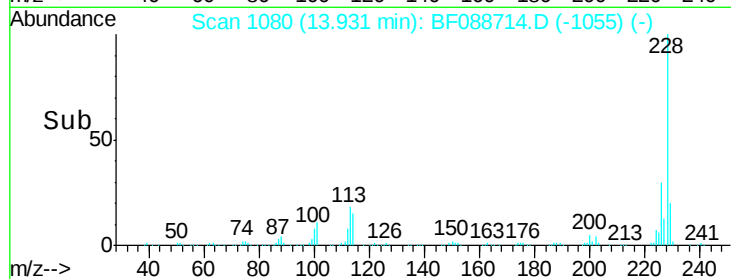
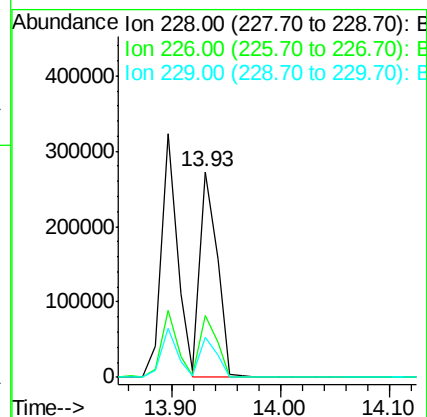
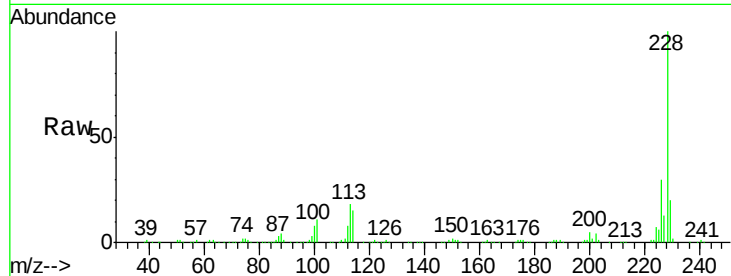




#82
 Chrysene
 Concen: 17.59 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

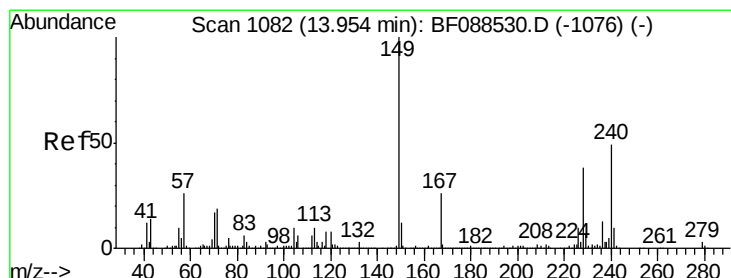
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.2
229	19.7	16.3	24.5



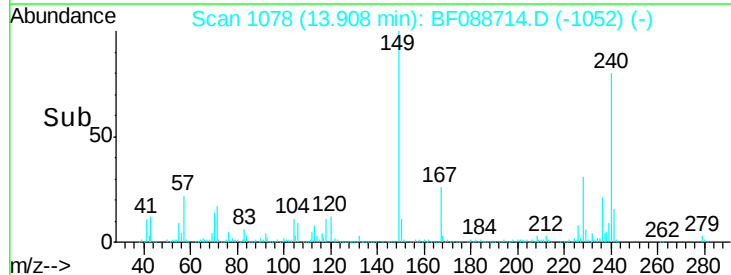
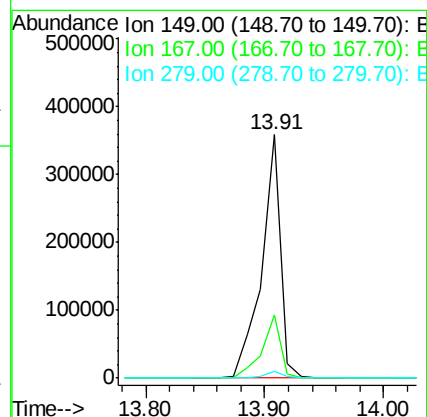
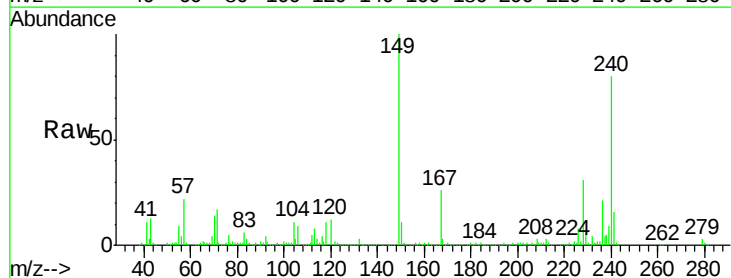
sohil

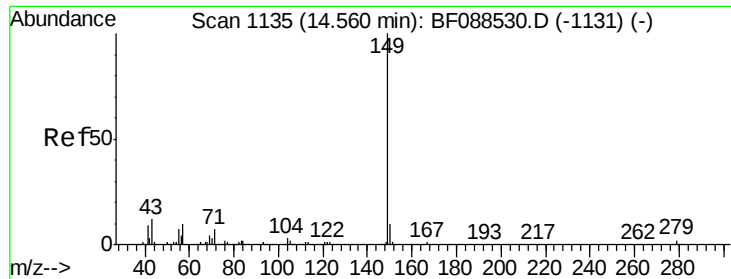
7/6/2016 7:19:22 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.31 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088714.D
 Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.5	30.7
279	3.0	2.0	3.0#

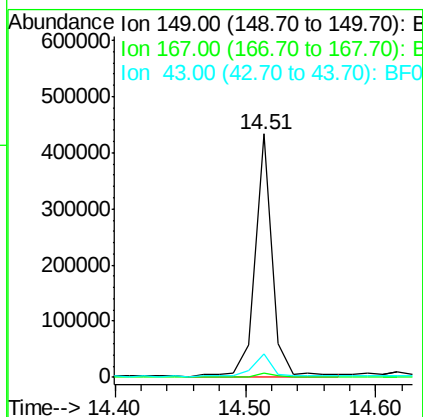
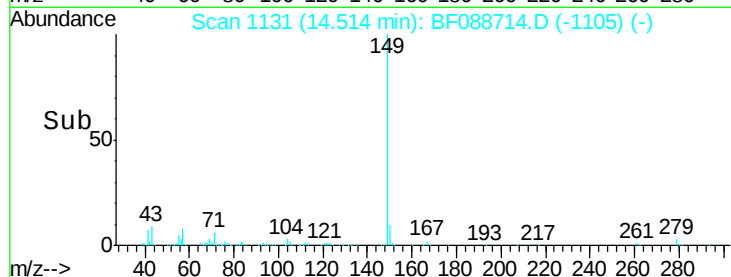
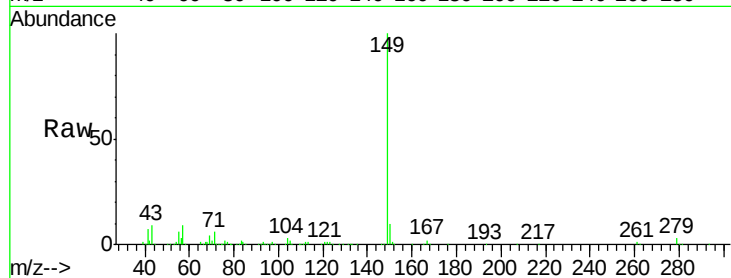




#84
Di-n-octyl phthalate
Concen: 19.93 ng
RT: 14.51 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

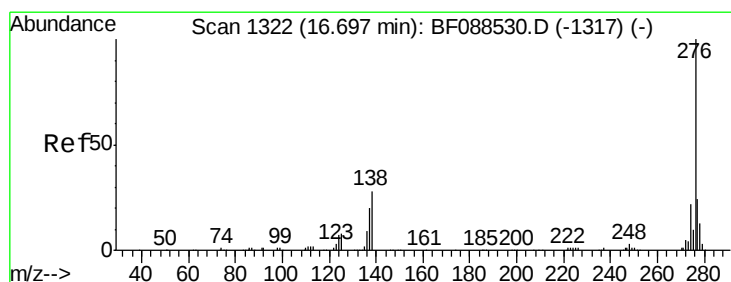
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:	149	Resp:	392594
Ion Ratio	Lower	Upper	
149	100		
167	2.3	0.0	0.0#
43	10.5	0.0	0.0#



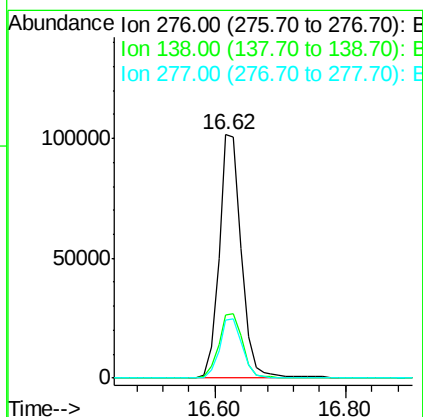
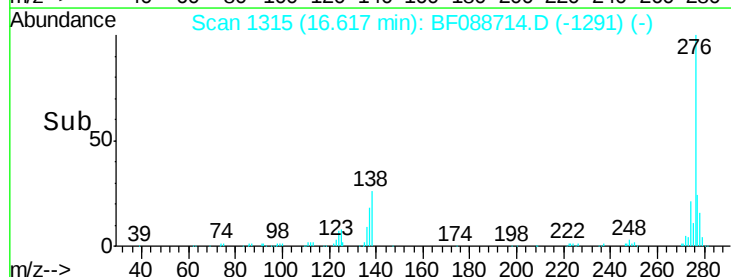
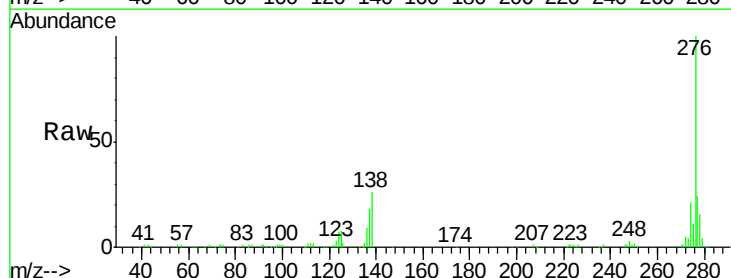
sohil

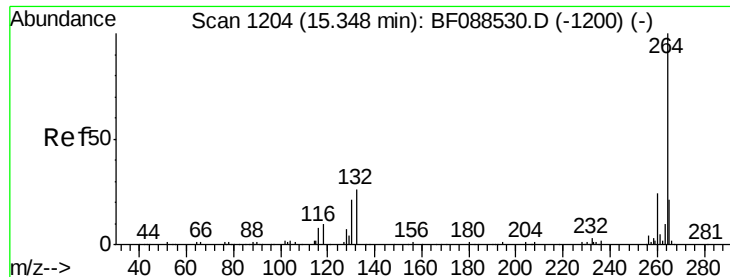
7/6/2016 7:19:22 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 18.27 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion:	276	Resp:	240521
Ion Ratio	Lower	Upper	
276	100		
138	28.3	0.0	0.0#
277	24.8	0.0	0.0#

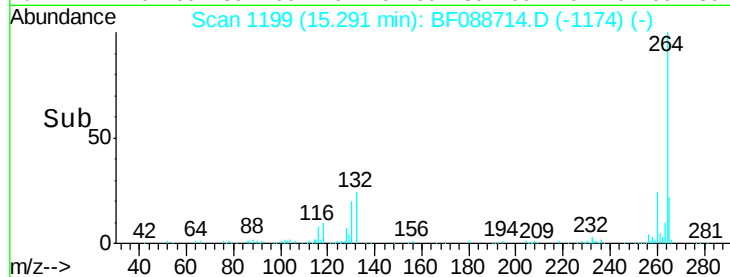
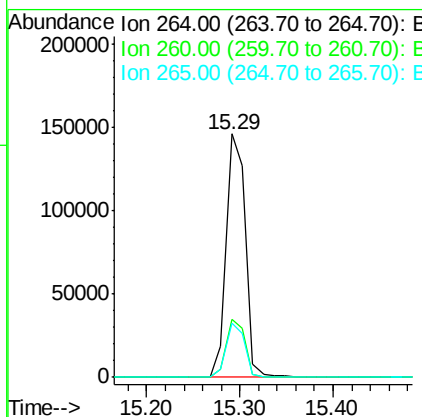
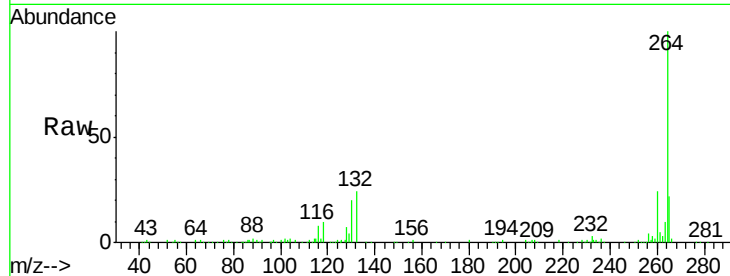




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

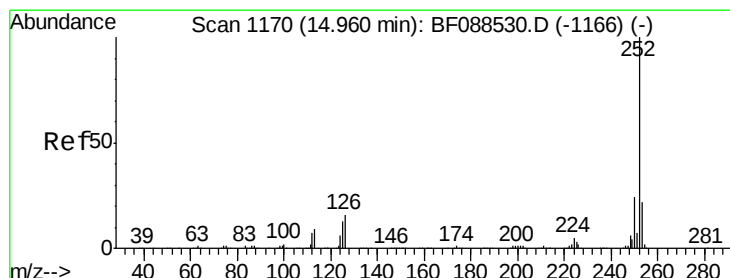
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	16.9	25.3



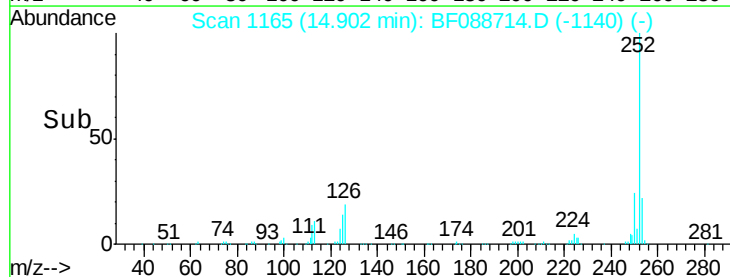
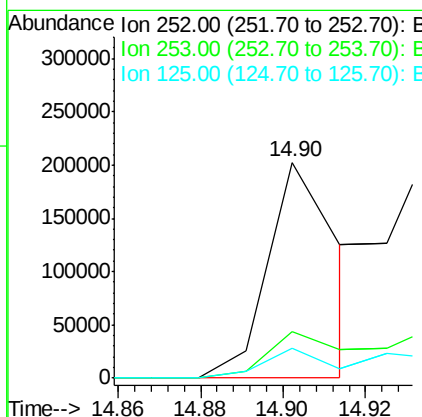
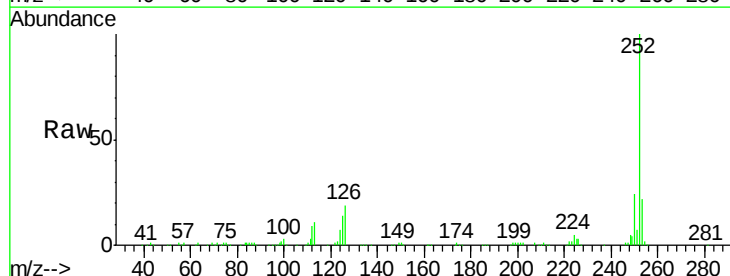
sohil

7/6/2016 7:19:22 PM



#87
Benzo(b)fluoranthene
Concen: 18.53 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	14.0	7.1	10.7#

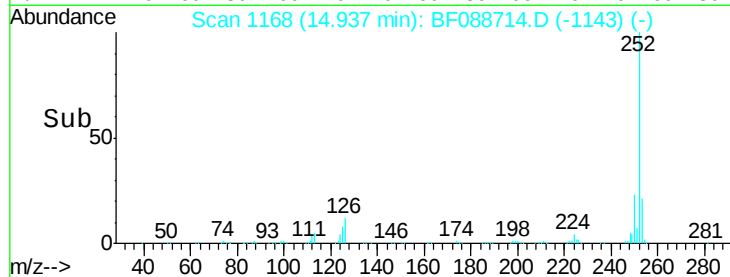
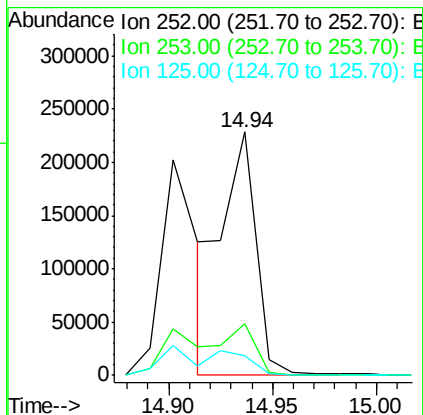
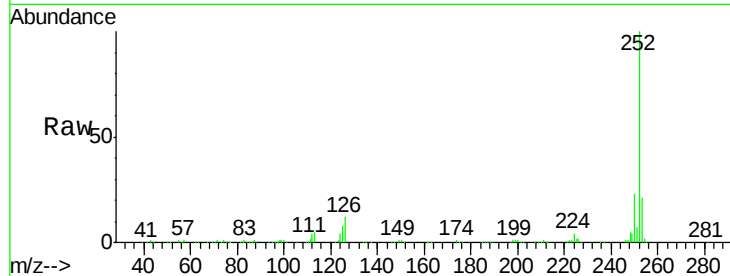




#88
Benzo(k)fluoranthene
Concen: 22.59 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

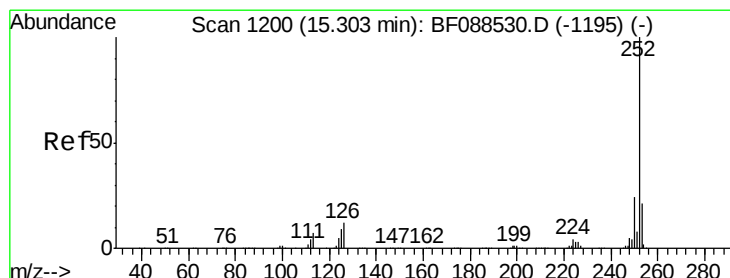
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	8.1	11.2	16.8



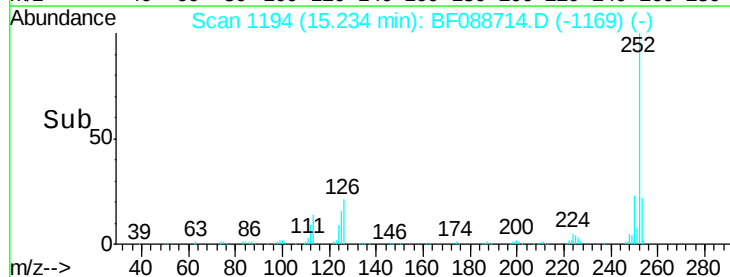
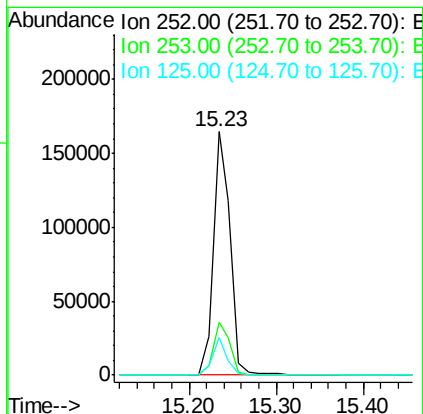
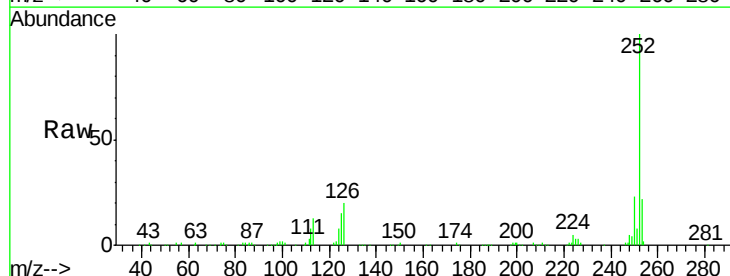
sohil

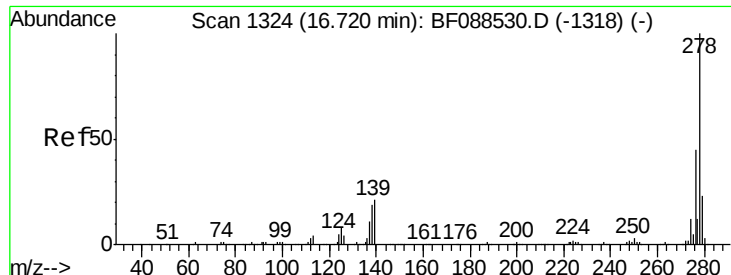
7/6/2016 7:19:22 PM



#89
Benzo(a)pyrene
Concen: 20.25 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	15.4	12.5	18.7

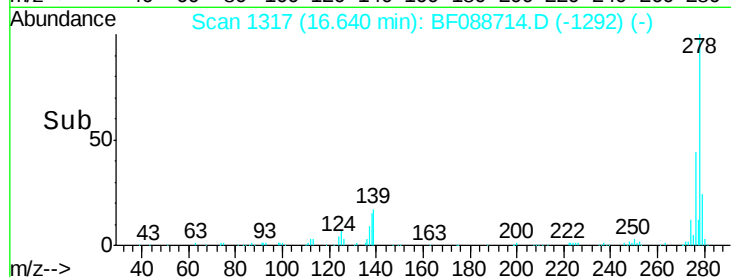
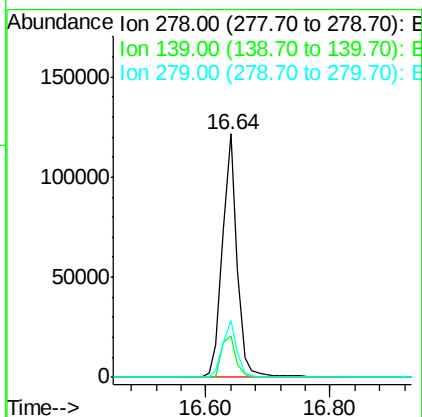
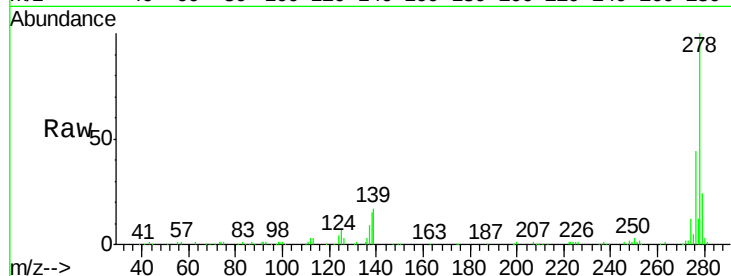




#90
Dibenzo(a,h)anthracene
Concen: 21.43 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

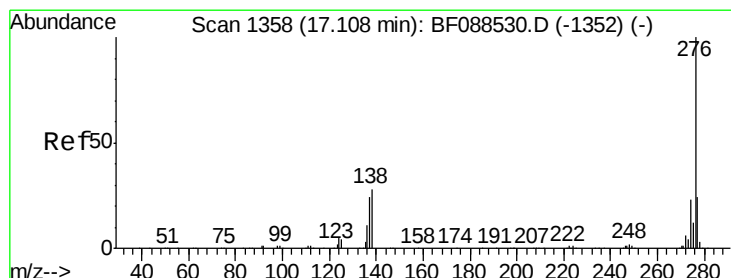
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.7	23.5
279	23.5	19.4	29.2



sohil

7/6/2016 7:19:22 PM



#91
Benzo(g,h,i)perylene
Concen: 21.43 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088714.D
Acq: 5 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	26.2	21.4	32.2

