

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088928.D
 Acq On : 12 Jul 2016 19:30
 Operator : UM/SJ
 Sample : PB91808BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Quant Time: Jul 13 04:18:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

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7/13/2016 9:25:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	57394	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	228300	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	92097	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	140118	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	119492	20.00	ng	-0.01
86) Perylene-d12	15.21	264	120432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	48068	12.55	ng	0.00
7) Phenol-d6	6.34	99	64309	13.00	ng	-0.01
23) Nitrobenzene-d5	7.27	82	35485	8.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	9854	11.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	66112	11.34	ng	-0.01
78) Terphenyl-d14	12.79	244	39658	7.39	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	2.89	79	14414	2.62	ng	92
4) n-Nitrosodimethylamine	2.80	42	6552	3.11	ng	# 97
6) Aniline	6.35	93	9945	1.38	ng	# 1
8) 2-Chlorophenol	6.48	128	16435	3.99	ng	88
9) Benzaldehyde	6.24	77	7457	2.22	ng	88
10) Phenol	6.35	94	21706	3.84	ng	# 66
11) bis(2-Chloroethyl)ether	6.43	93	16973	4.03	ng	91
12) 1,3-Dichlorobenzene	6.64	146	19291	4.26	ng	98
13) 1,4-Dichlorobenzene	6.72	146	19589	4.36	ng	97
14) 1,2-Dichlorobenzene	6.87	146	16848	4.00	ng	# 87
15) Benzyl Alcohol	6.84	79	16354	4.49	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	21257	3.49	ng	87
17) 2-Methylphenol	6.97	107	15286	4.55	ng	98
18) Hexachloroethane	7.21	117	6052	3.48	ng	# 73
19) n-Nitroso-di-n-propylamine	7.12	70	13011	3.91	ng	# 85
20) 3+4-Methylphenols	7.13	107	17640	4.38	ng	# 73
22) Acetophenone	7.11	105	24124	4.35	ng	# 91
24) Nitrobenzene	7.28	77	17808	4.05	ng	# 82
25) Isophorone	7.53	82	32803	4.06	ng	94
26) 2-Nitrophenol	7.61	139	7049	3.91	ng	# 79
27) 2,4-Dimethylphenol	7.66	122	15097	4.02	ng	90
28) bis(2-Chloroethoxy)methane	7.75	93	22409	4.27	ng	# 98
29) 2,4-Dichlorophenol	7.85	162	13174	4.35	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	14412	4.33	ng	98
31) Naphthalene	8.01	128	53703	4.77	ng	98
32) Benzoic acid	7.74	122	3641	1.34	ng	93
33) 4-Chloroaniline	8.07	127	8001	1.60	ng	# 94
34) Hexachlorobutadiene	8.14	225	8753	4.91	ng	98
35) Caprolactam	8.39	113	3278	3.18	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	13900	3.88	ng	86
37) 2-Methylnaphthalene	8.70	142	28874	3.98	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	13931	4.55	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	870	0.58	ng	78
42) 2,4,6-Trichlorophenol	8.98	196	8597	4.26	ng	97

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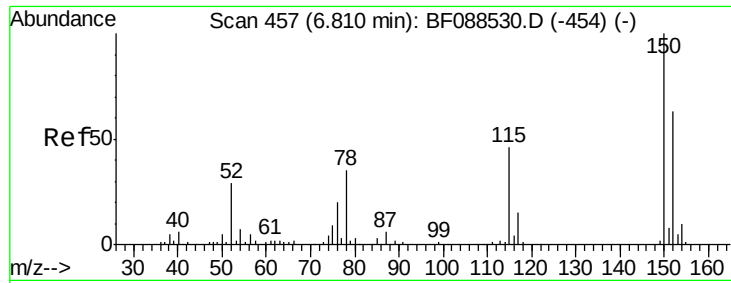
Quant Time: Jul 13 04:18:51 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	8023	4.62	ng	97
45) 1,1'-Biphenyl	9.16	154	40856	5.36	ng	98
46) 2-Chloronaphthalene	9.19	162	29662	4.95	ng	96
47) 2-Nitroaniline	9.28	65	8532	4.02	ng	92
48) Acenaphthylene	9.60	152	45586	4.79	ng	97
49) Dimethylphthalate	9.46	163	35348	5.39	ng	100
50) 2,6-Dinitrotoluene	9.52	165	5954	4.09	ng	# 13
51) Acenaphthene	9.77	154	27702	4.74	ng	97
52) 3-Nitroaniline	9.69	138	5596	3.03	ng	92
54) Dibenzofuran	9.94	168	40295	5.27	ng	93
55) 4-Nitrophenol	9.86	139	8001	5.70	ng	95
56) 2,4-Dinitrotoluene	9.92	165	7143	3.76	ng	# 10
57) Fluorene	10.28	166	29393	4.99	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	4758	3.54	ng	# 46
59) Diethylphthalate	10.16	149	32395	4.92	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	13248	4.84	ng	# 85
61) 4-Nitroaniline	10.28	138	5281	2.97	ng	82
62) Azobenzene	10.43	77	30247	4.03	ng	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	593	0.79	ng	87
65) n-Nitrosodiphenylamine	10.40	169	22908	4.83	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	7542	5.34	ng	# 87
67) Hexachlorobenzene	10.83	284	7182	4.59	ng	# 73
68) Atrazine	10.92	200	7242	4.90	ng	97
69) Pentachlorophenol	11.03	266	3948	4.27	ng	99
70) Phenanthrene	11.23	178	34536	4.51	ng	99
71) Anthracene	11.29	178	34975	4.59	ng	98
72) Carbazole	11.44	167	27443	3.83	ng	98
73) Di-n-butylphthalate	11.78	149	37804	4.53	ng	# 98
74) Fluoranthene	12.41	202	30218	3.89	ng	94
76) Benzidine	12.55	184	14409	2.39	ng	# 95
77) Pyrene	12.64	202	31678	3.13	ng	100
79) Butylbenzylphthalate	13.28	149	14381	3.18	ng	98
80) Benzo(a)anthracene	13.83	228	31363	4.08	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	7086	2.45	ng	# 97
82) Chrysene	13.86	228	30312m	3.98	ng	
83) Bis(2-ethylhexyl)phthalate	13.84	149	22652	4.39	ng	98
84) Di-n-octyl phthalate	14.45	149	40921	4.67	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	25632	4.38	ng	# 100
87) Benzo(b)fluoranthene	14.82	252	38038m	5.03	ng	
88) Benzo(k)fluoranthene	14.86	252	22179m	3.37	ng	
89) Benzo(a)pyrene	15.15	252	28377	4.44	ng	# 94
90) Dibenzo(a,h)anthracene	16.50	278	21130	3.96	ng	97
91) Benzo(g,h,i)perylene	16.87	276	19846	3.59	ng	95

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



#1

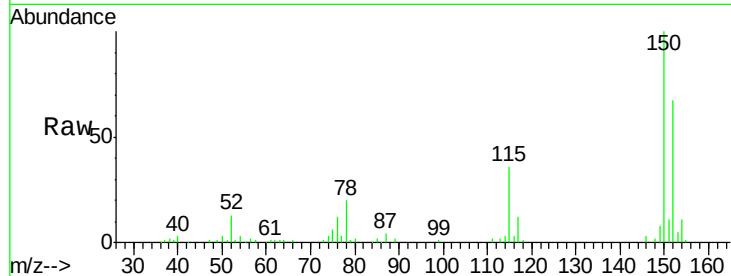
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

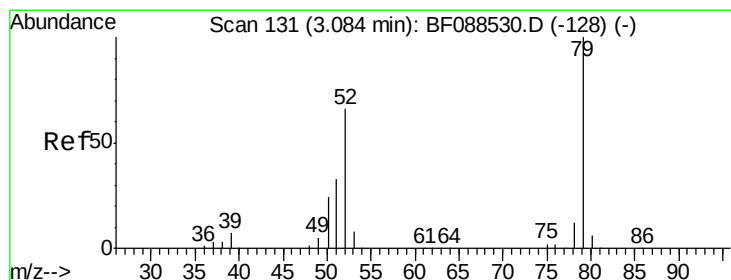
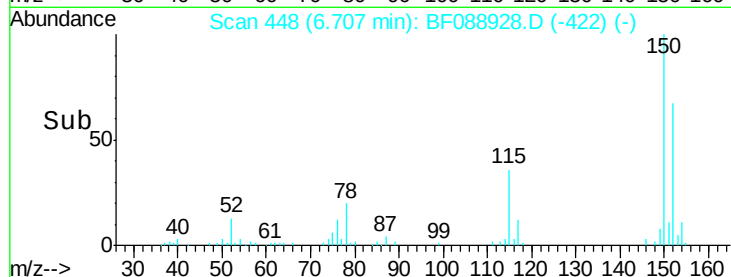
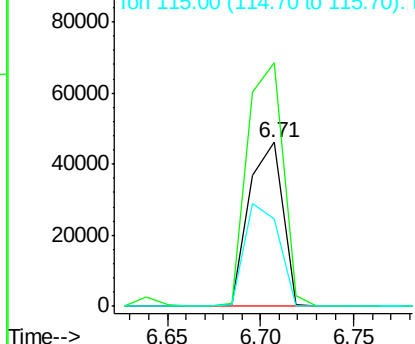
Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.6	123.8	185.6
115	53.0	39.6	59.4

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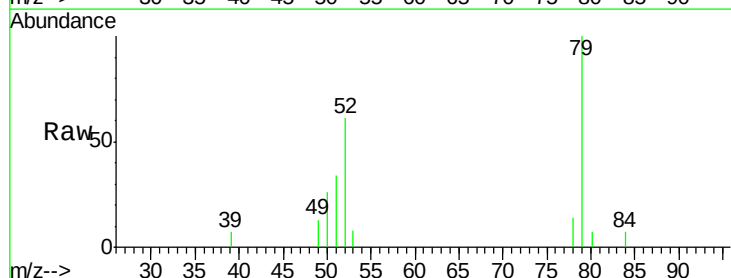
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



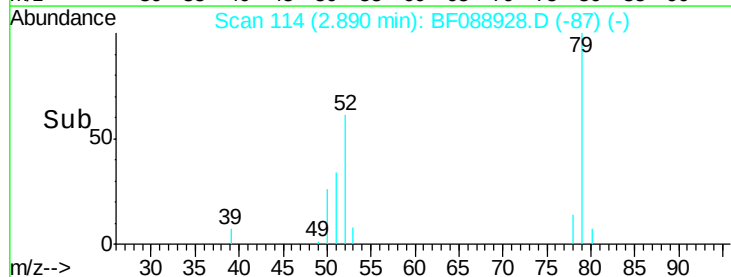
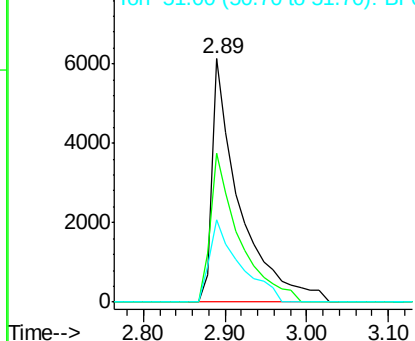
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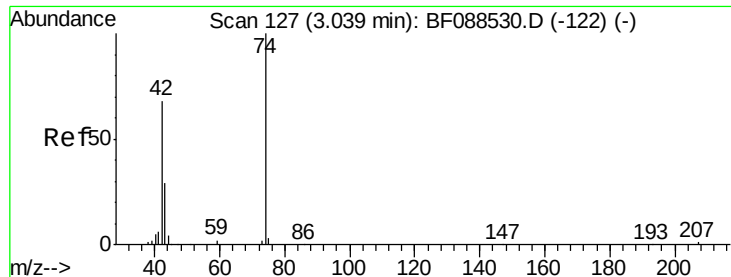
Pyridine
Concen: 2.62 ng
RT: 2.89 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.1	56.3	84.5
51	33.7	27.4	41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 3.11 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.03 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

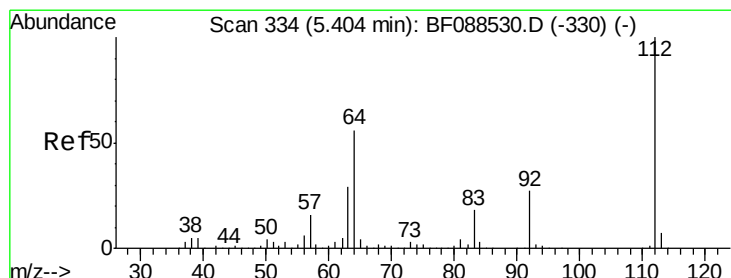
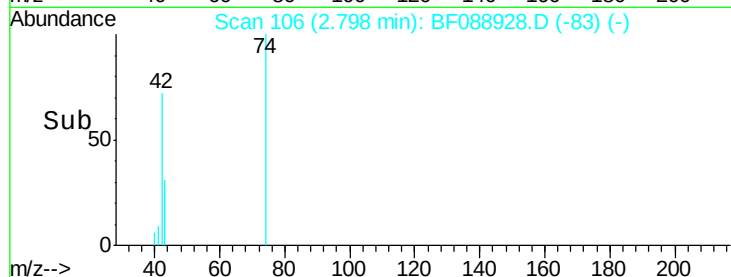
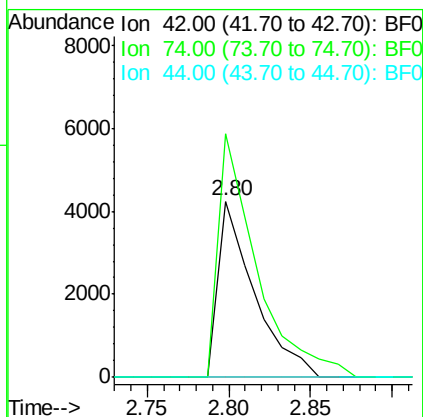
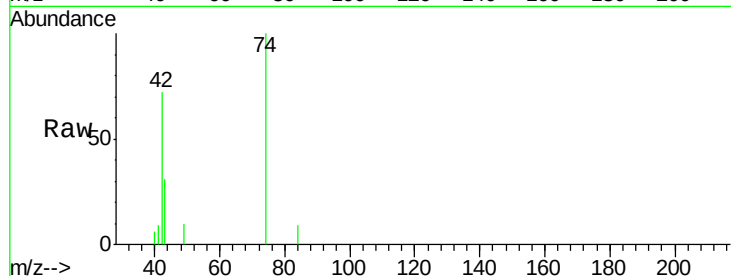
ClientSampleId :

PB91808BS

Tgt Ion:	42	Resp:	6552
Ion	Ratio	Lower	Upper
42	100		
74	138.1	108.6	163.0
44	0.0	5.5	8.3#

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#5

2-Fluorophenol

Concen: 12.55 ng

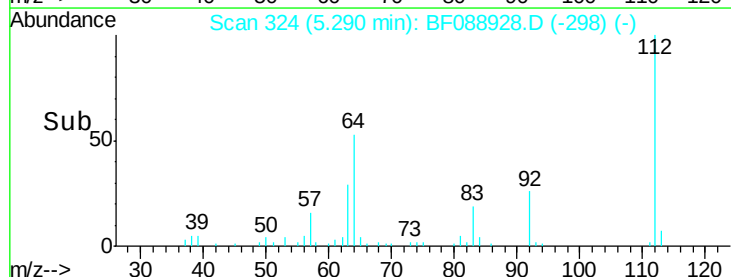
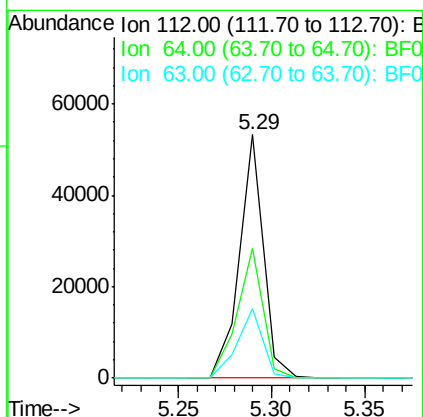
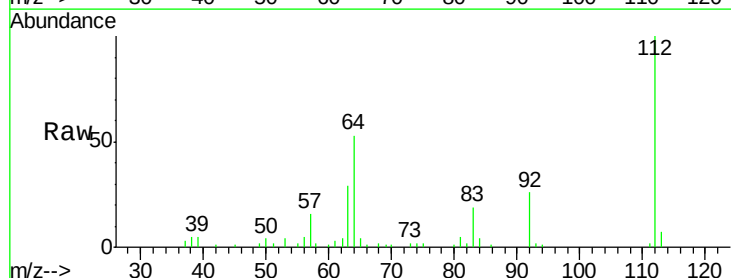
RT: 5.29 min Scan# 324

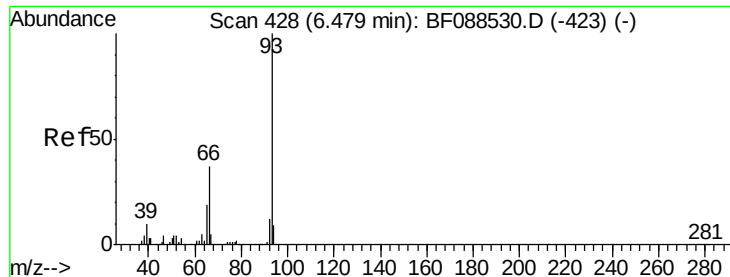
Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:	112	Resp:	48068
Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.2	63.2
63	28.8	21.8	32.8





#6

Aniline

Concen: 1.38 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion: 93 Resp: 9945

Ion Ratio Lower Upper

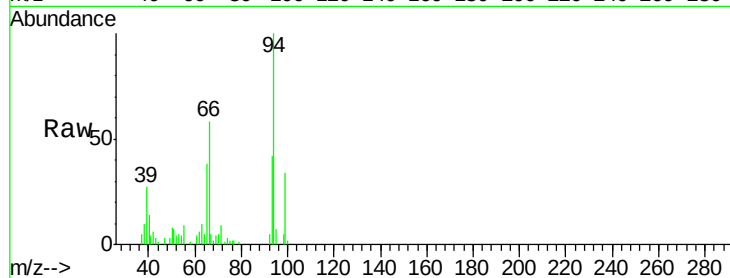
93 100

66 137.5 29.8 44.8#

65 88.9 14.9 22.3#

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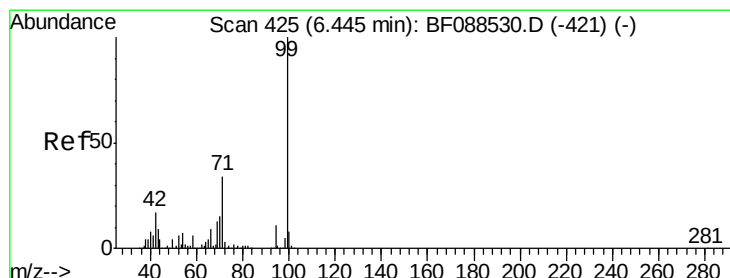
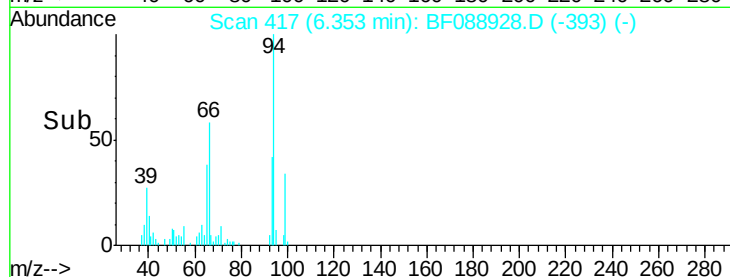
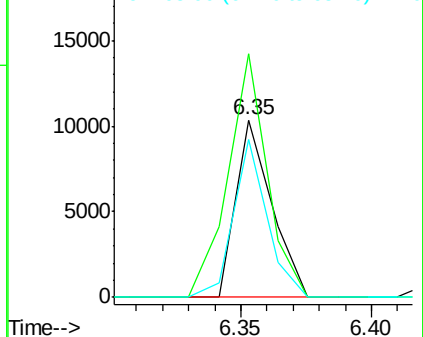
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 13.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

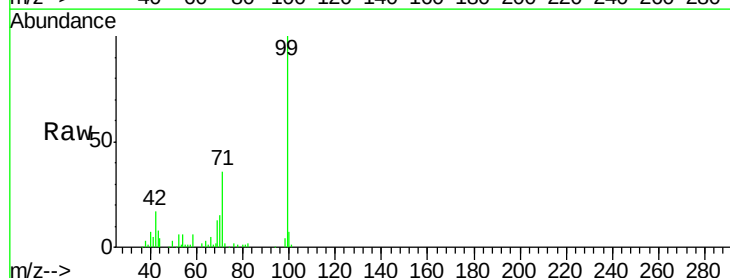
Tgt Ion: 99 Resp: 64309

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

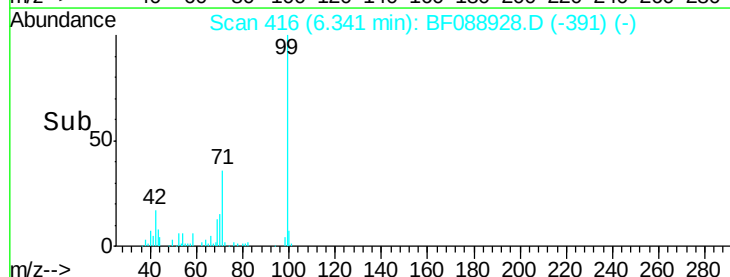
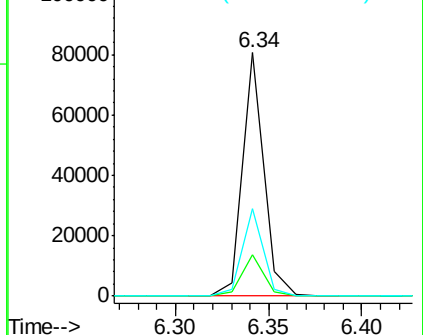
71 35.8 23.4 35.0#

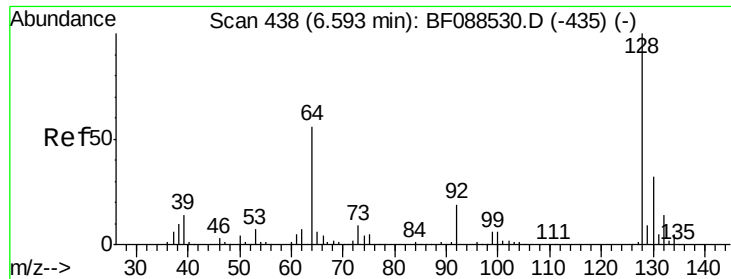


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





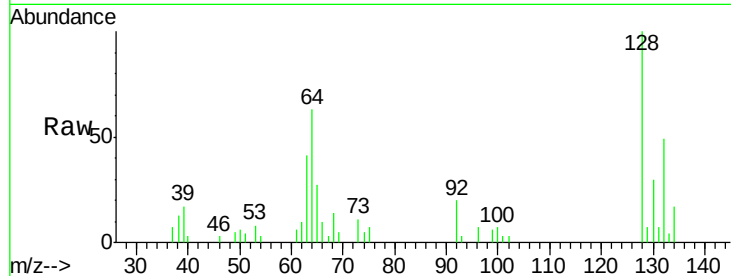
#8
2-Chlorophenol
Concen: 3.99 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

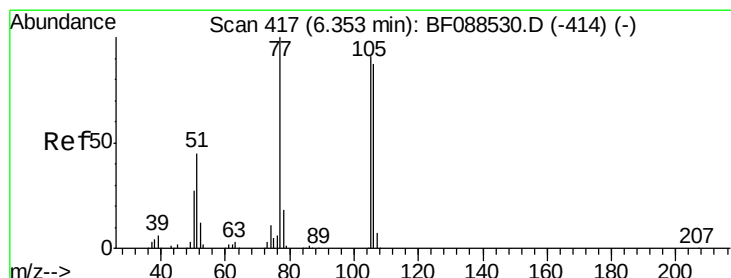
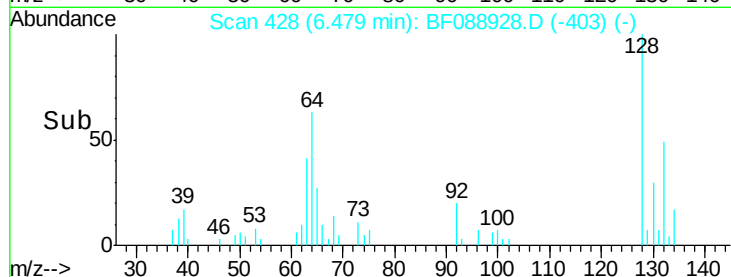
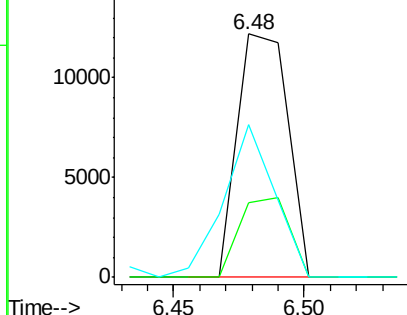
Tgt Ion:	128	Resp:	16435
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.0	52.0
64	62.7	30.8	70.8

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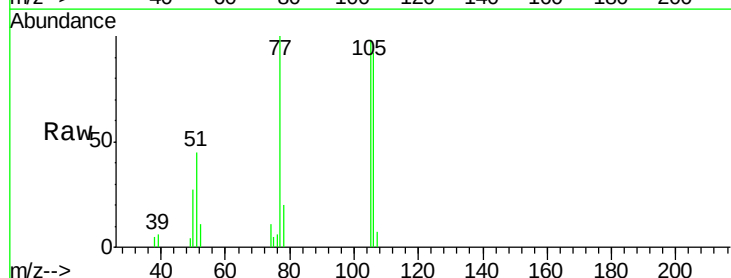


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BFO

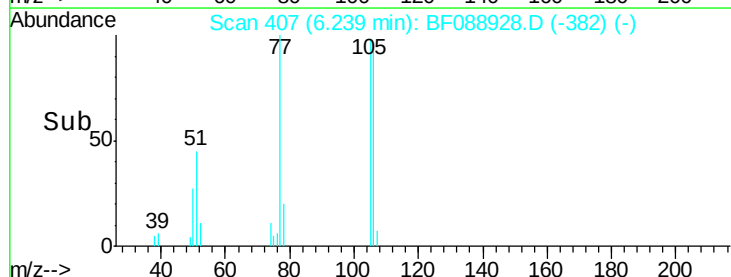
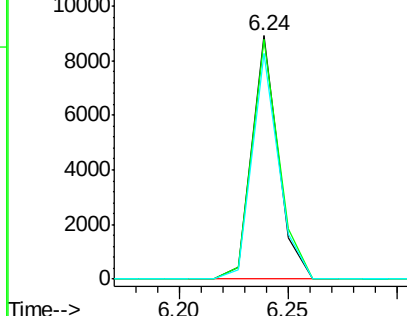


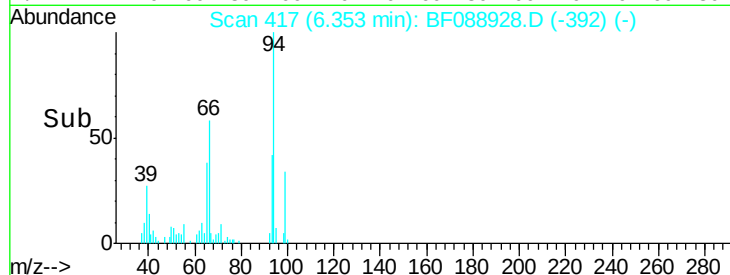
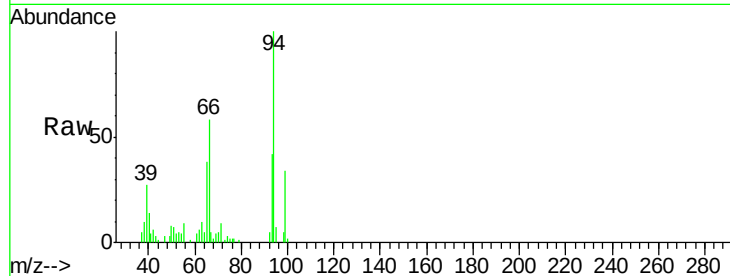
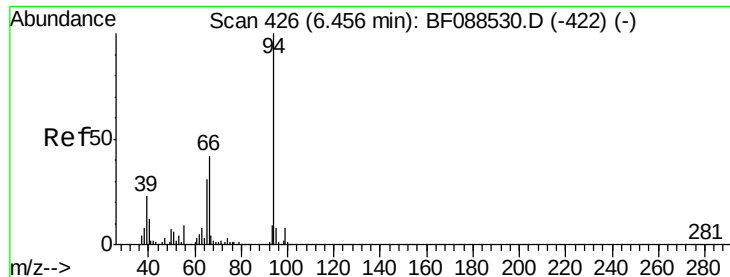
#9
Benzaldehyde
Concen: 2.22 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	77	Resp:	7457
Ion Ratio	Lower	Upper	
77	100		
105	98.3	90.6	130.6
106	92.5	85.3	125.3



Abundance Ion 77.00 (76.70 to 77.70): BFO
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





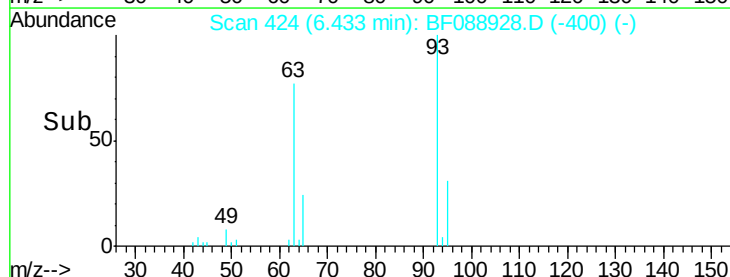
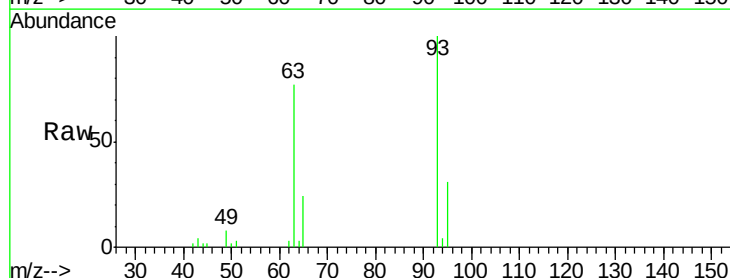
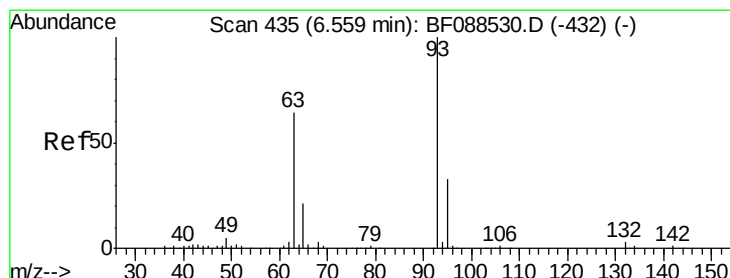
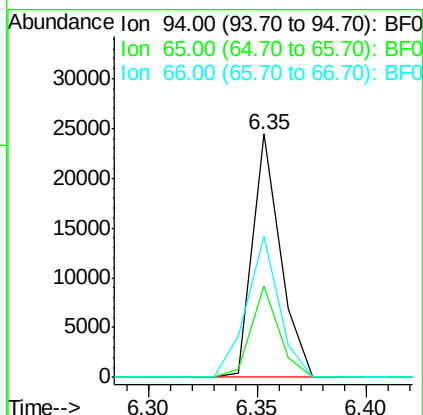
#10
Phenol
Concen: 3.84 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	94	Resp:	21706
Ion Ratio	Lower	Upper	
94	100		
65	37.6	5.9	45.9
66	58.2	14.0	54.0

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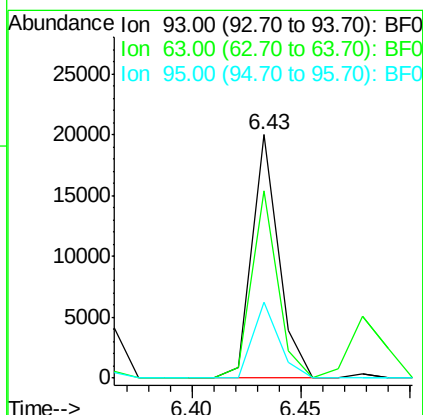
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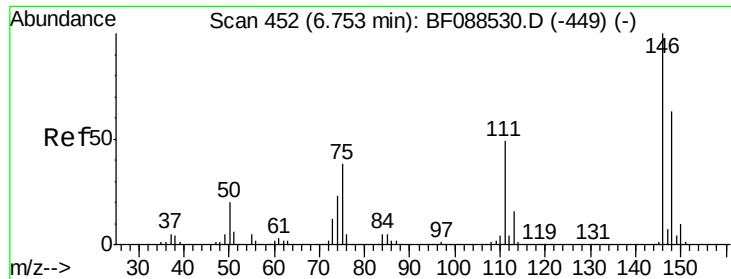
7/13/2016 9:25:36 AM



#11
bis(2-Chloroethyl)ether
Concen: 4.03 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	93	Resp:	16973
Ion Ratio	Lower	Upper	
93	100		
63	77.0	67.6	107.6
95	31.2	12.5	52.5





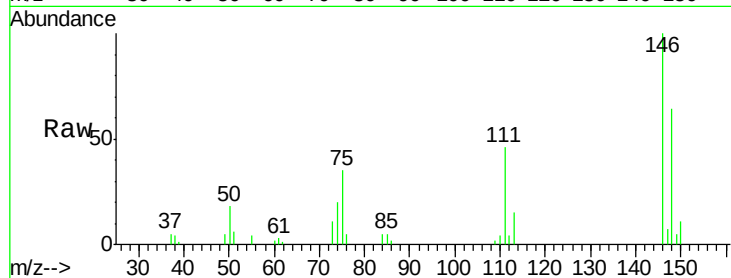
#12
 1,3-Dichlorobenzene
 Concen: 4.26 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

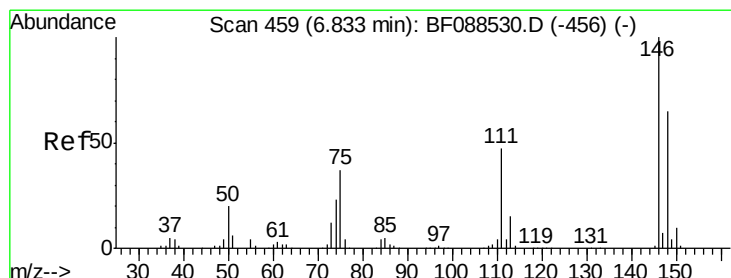
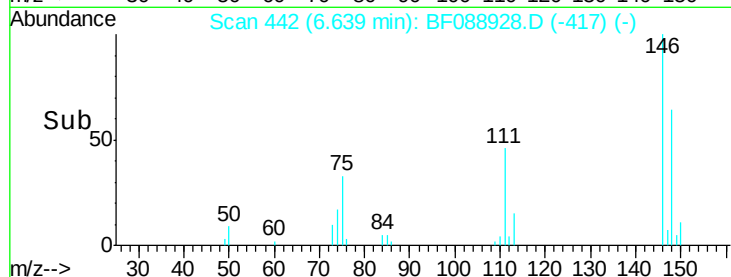
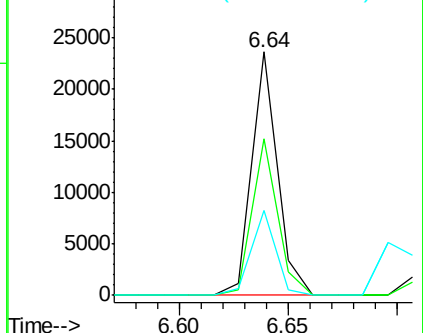
Tgt Ion:	146	Resp:	19291
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	34.8	25.6	38.4

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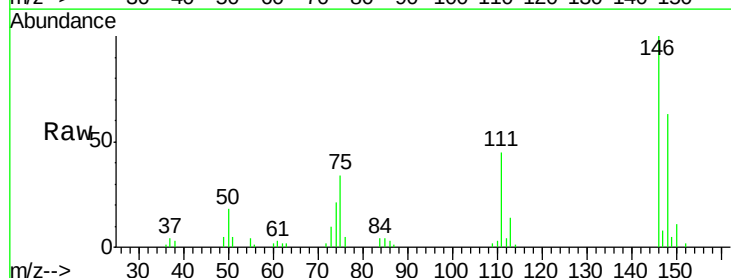


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

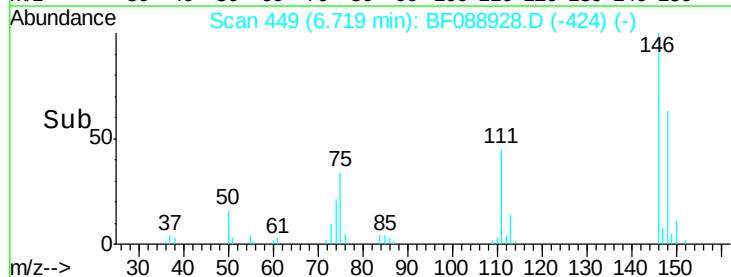
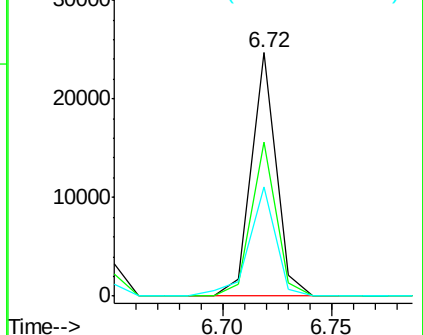


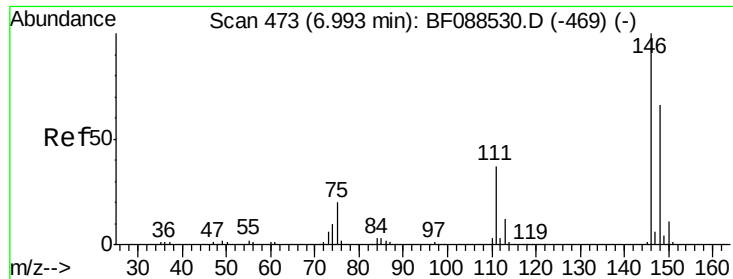
#13
 1,4-Dichlorobenzene
 Concen: 4.36 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:	146	Resp:	19589
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.0	78.0
111	44.9	33.8	50.8



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





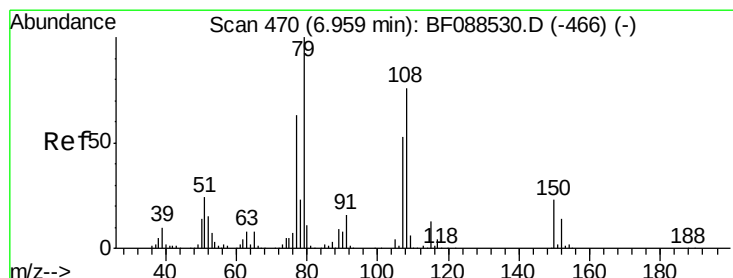
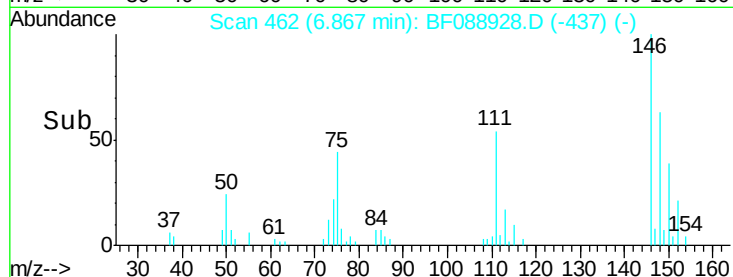
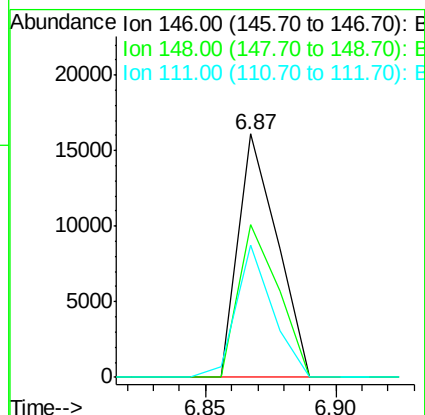
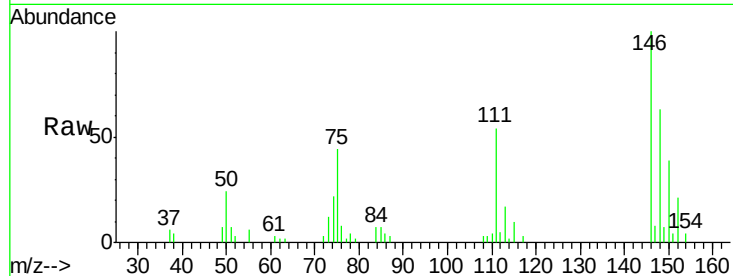
#14
 1,2-Dichlorobenzene
 Concen: 4.00 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion: 146 Resp: 16848
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 54.5 28.7 43.1#

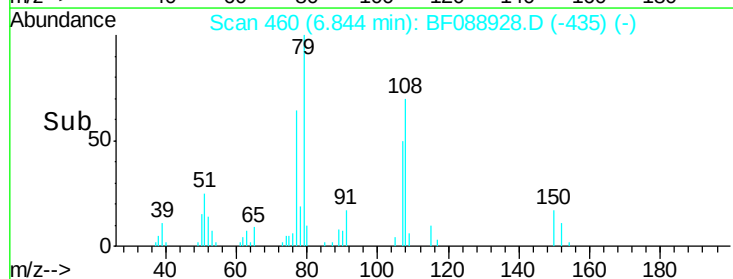
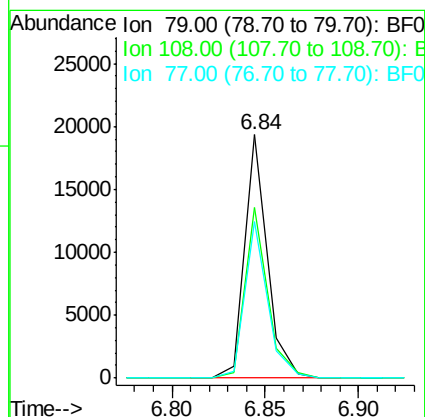
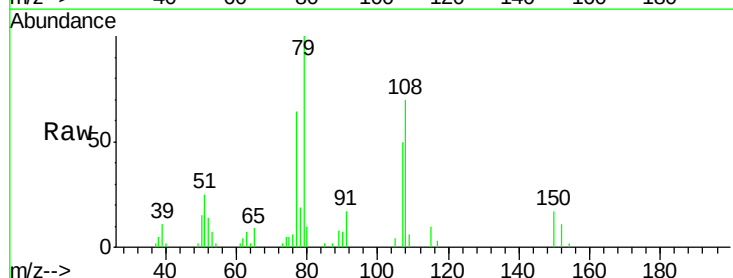
SOHIL

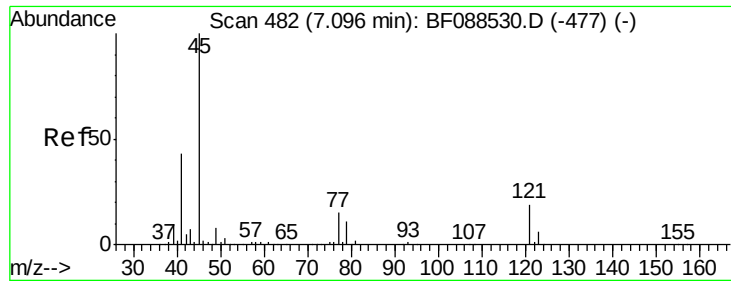
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#15
 Benzyl Alcohol
 Concen: 4.49 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 79 Resp: 16354
 Ion Ratio Lower Upper
 79 100
 108 70.1 65.0 97.6
 77 64.3 50.3 75.5





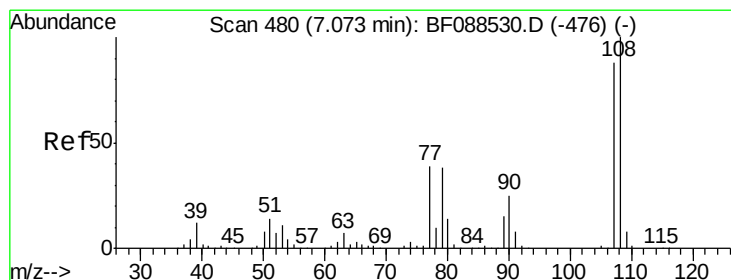
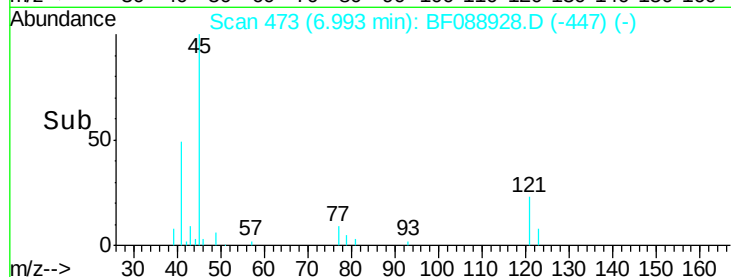
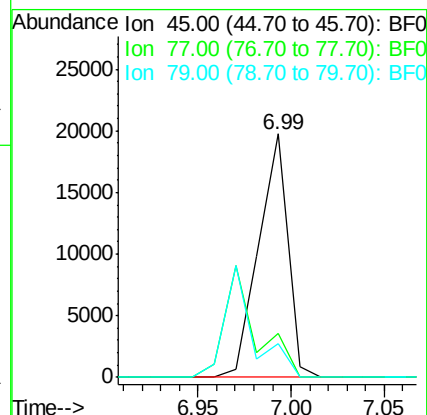
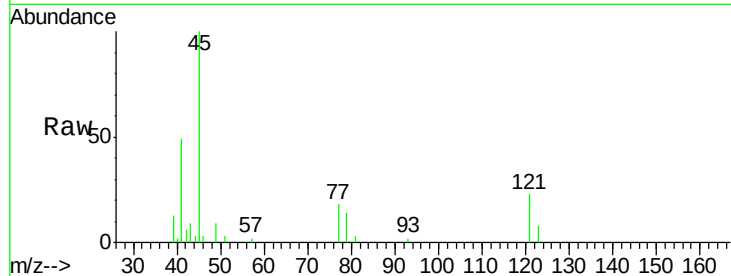
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.49 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	32.5
79	13.6	0.0	29.5

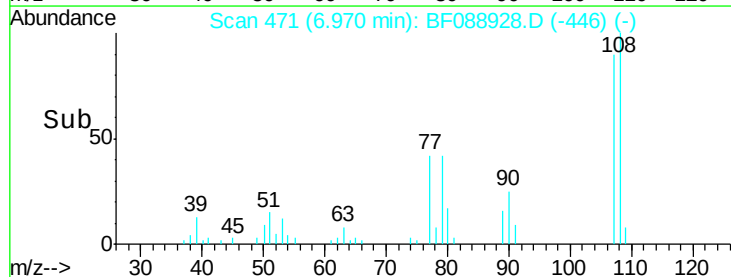
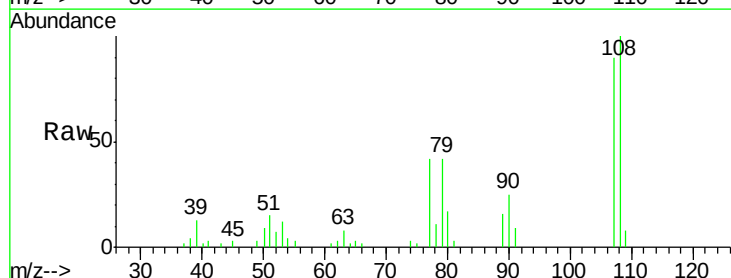
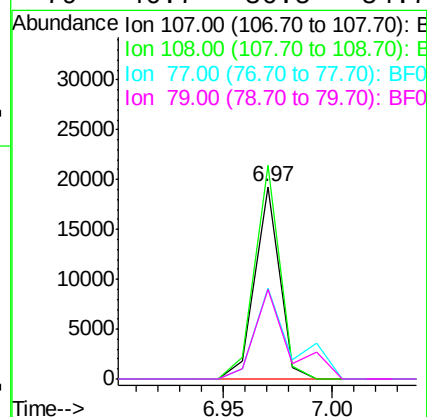
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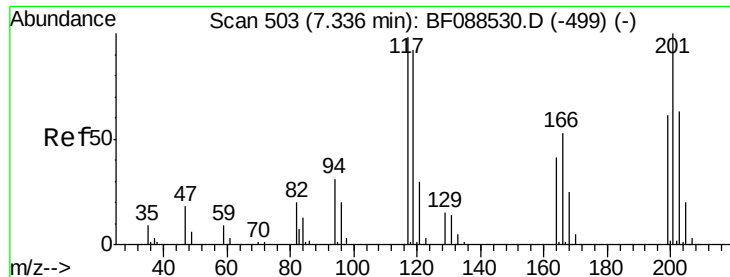
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#17
2-Methylphenol
Concen: 4.55 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.9	136.3
77	46.9	36.6	55.0
79	46.7	36.5	54.7





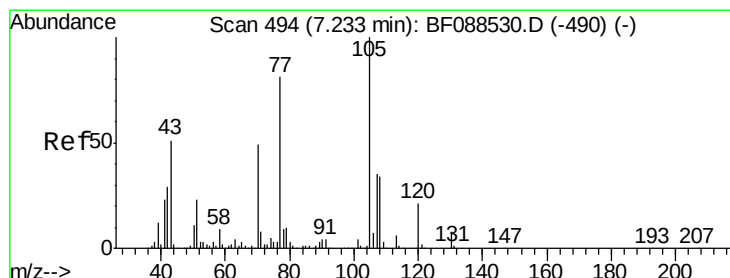
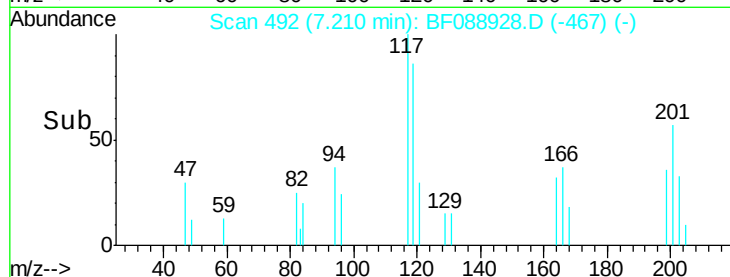
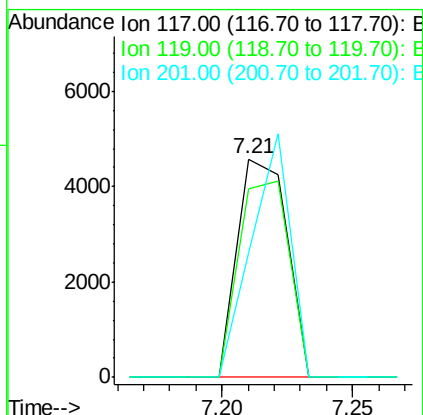
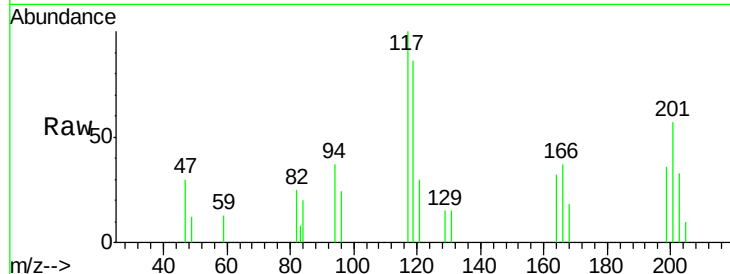
#18
Hexachloroethane
Concen: 3.48 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 117 Resp: 6052
Ion Ratio Lower Upper
117 100
119 86.2 77.4 116.2
201 56.9 80.4 120.6#

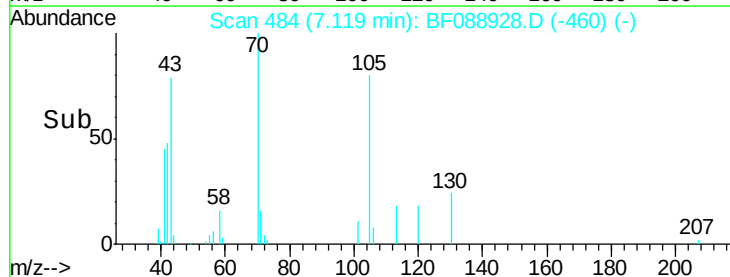
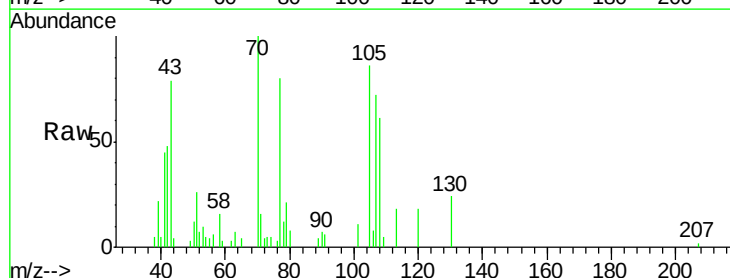
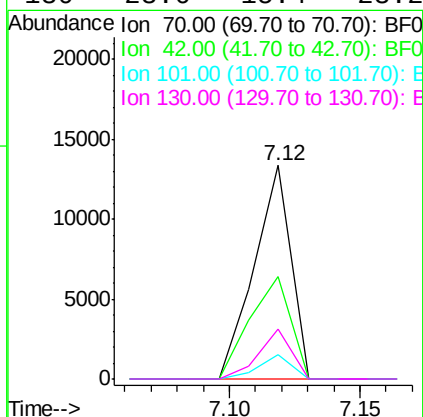
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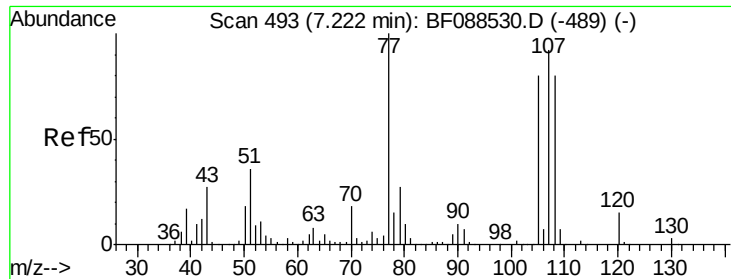
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#19
n-Nitroso-di-n-propylamine
Concen: 3.91 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 70 Resp: 13011
Ion Ratio Lower Upper
70 100
42 48.1 49.6 74.4#
101 11.3 7.1 10.7#
130 23.6 15.4 23.2#





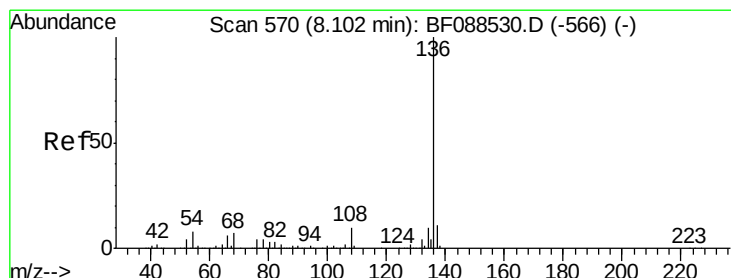
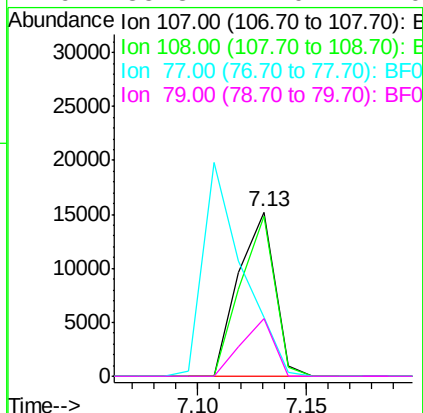
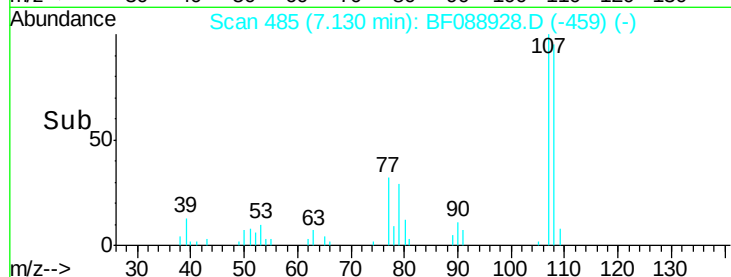
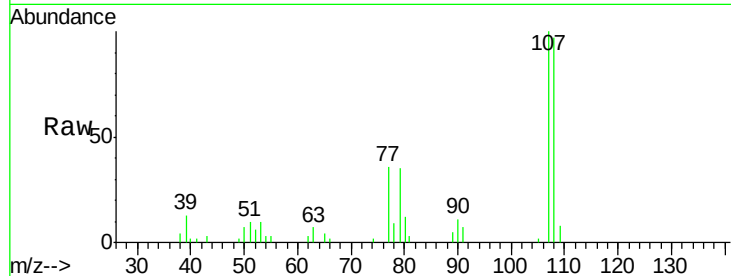
#20
3+4-Methylphenols
Concen: 4.38 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:	107	Resp:	17640
Ion Ratio	Lower	Upper	
107	100		
108	97.5	67.8	107.8
77	36.0	59.3	99.3#
79	35.3	7.0	47.0

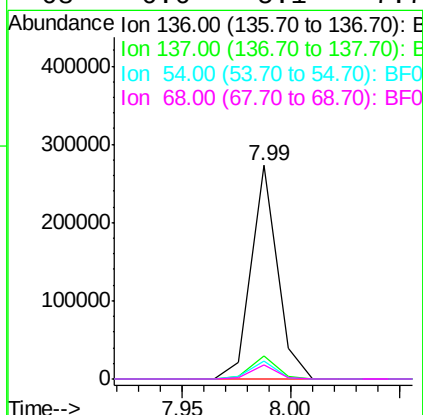
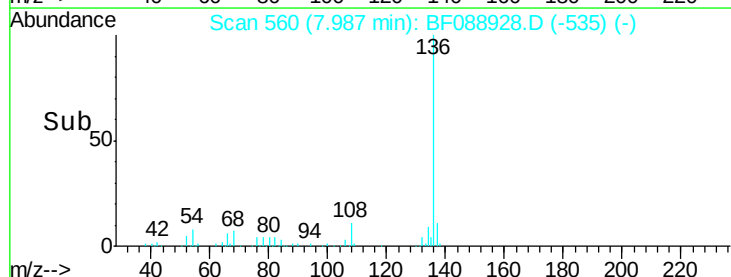
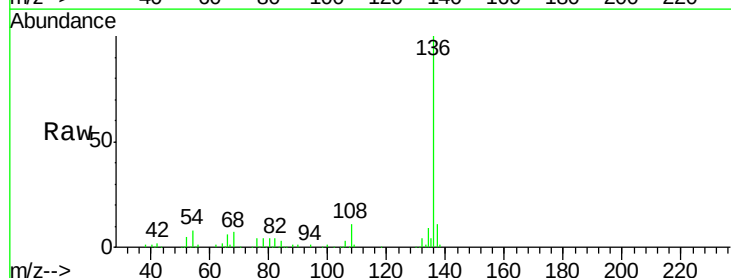
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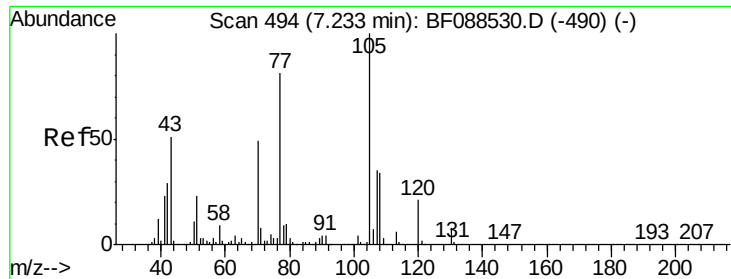
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	136	Resp:	228300
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.3	6.6	10.0
68	6.6	5.1	7.7





#22

Acetophenone

Concen: 4.35 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088928.D

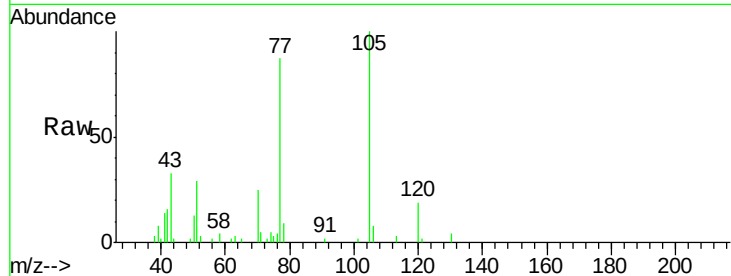
Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS



Tgt Ion: 105 Resp: 24124

Ion Ratio Lower Upper

105 100

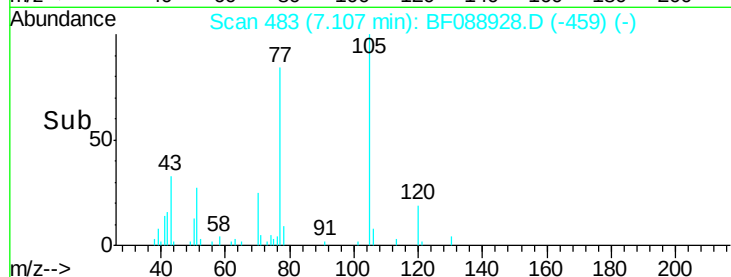
71 4.5 5.3 7.9#

51 28.6 18.2 27.4#

120 19.4 18.0 27.0

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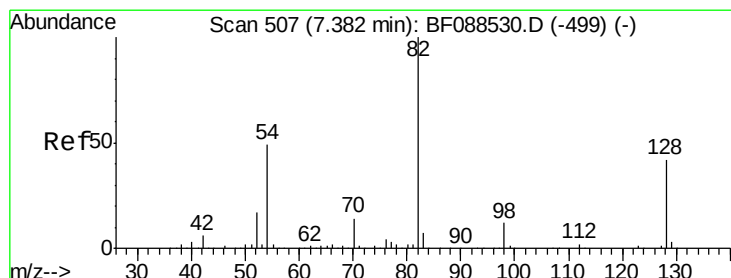
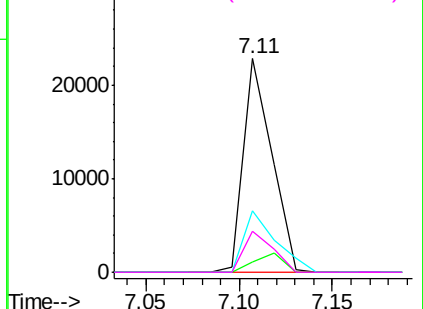


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 8.15 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

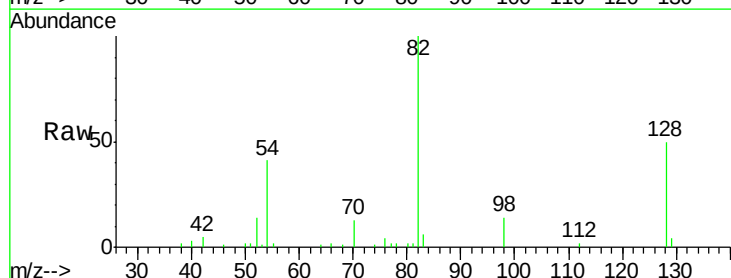
Tgt Ion: 82 Resp: 35485

Ion Ratio Lower Upper

82 100

128 50.4 35.9 53.9

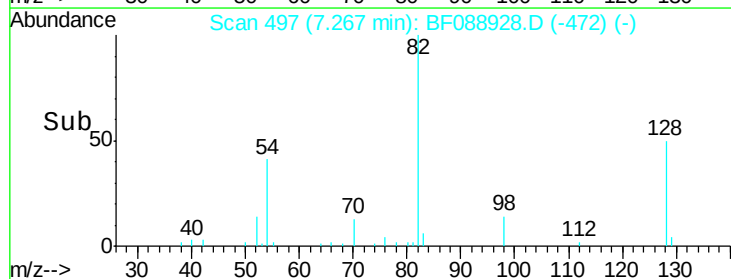
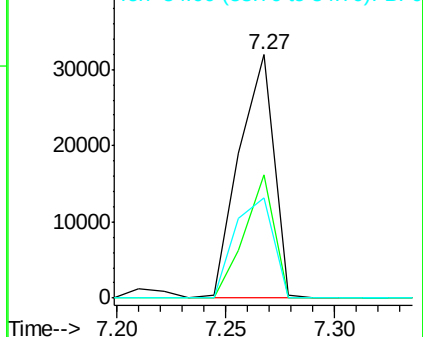
54 41.4 40.9 61.3

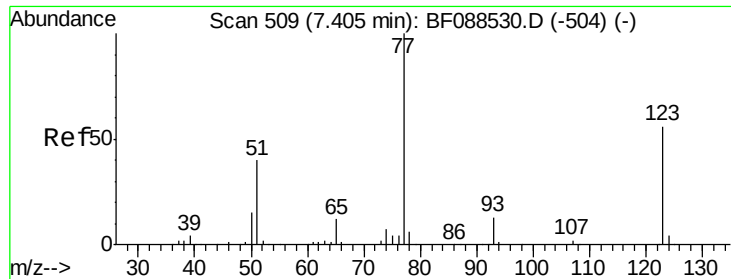


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 4.05 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion: 77 Resp: 17808

Ion Ratio Lower Upper

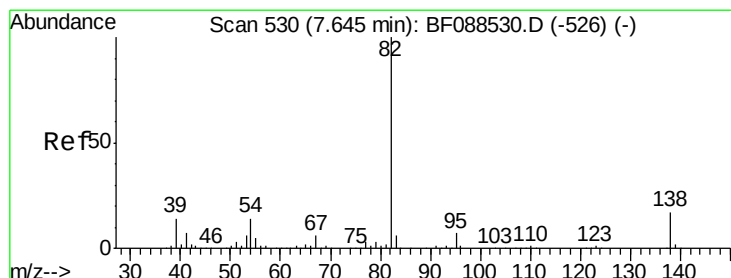
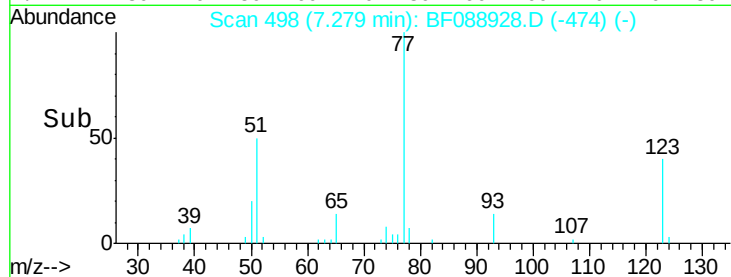
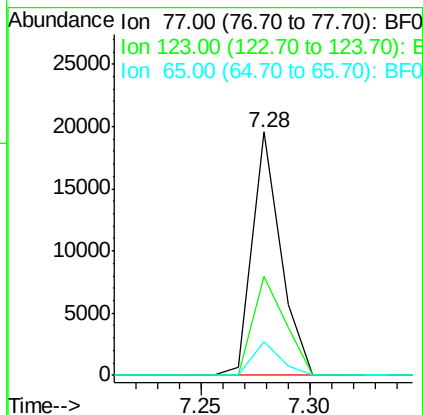
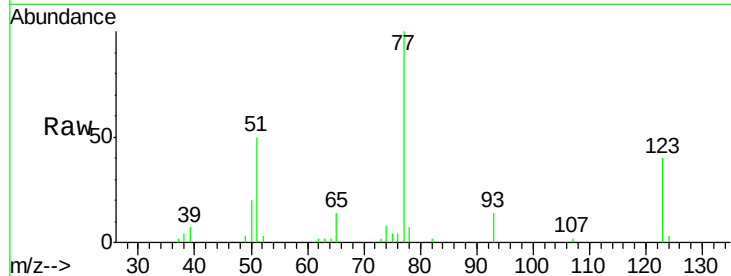
77 100

123 40.4 45.0 67.4#

65 14.1 10.2 15.2

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#25

Isophorone

Concen: 4.06 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

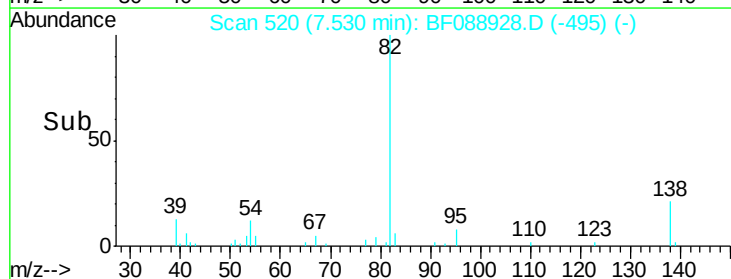
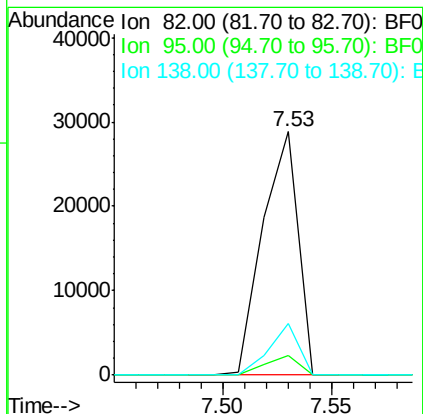
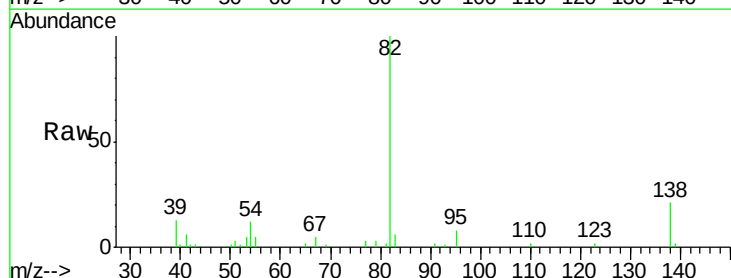
Tgt Ion: 82 Resp: 32803

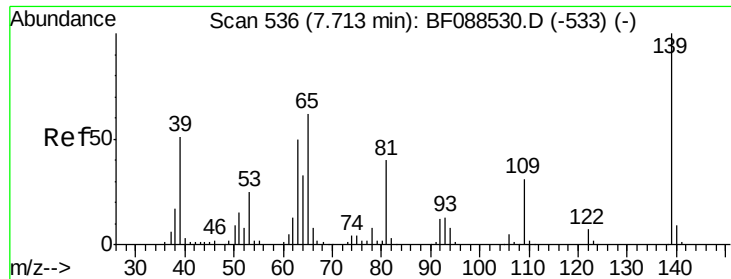
Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.2

138 21.1 14.6 21.8





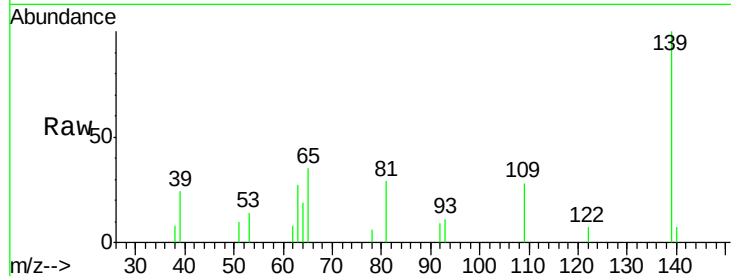
#26
2-Nitrophenol
Concen: 3.91 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

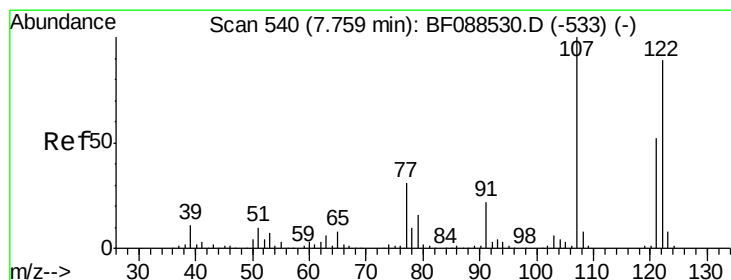
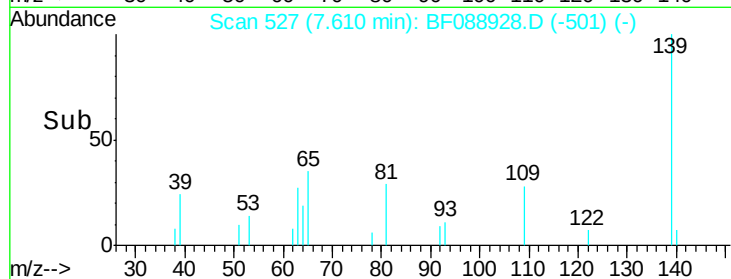
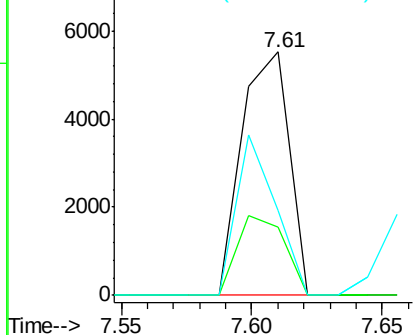
Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.0	34.4
65	34.9	45.8	68.8#

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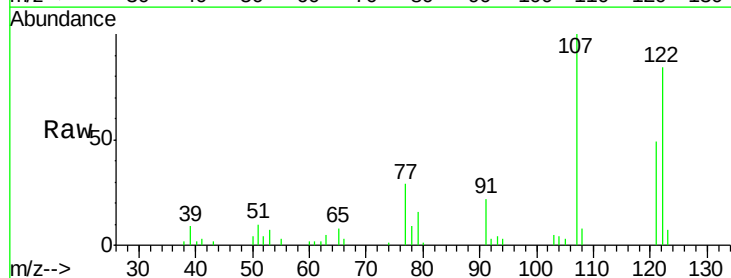


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

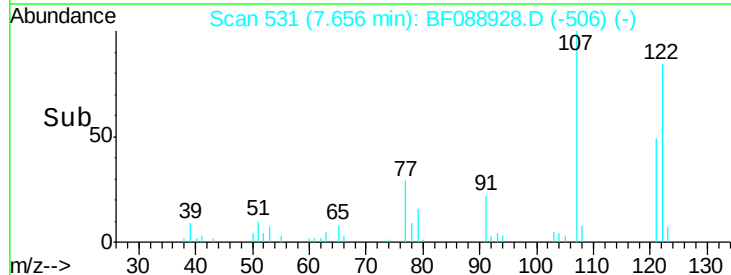
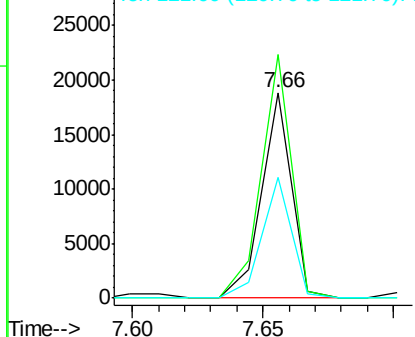


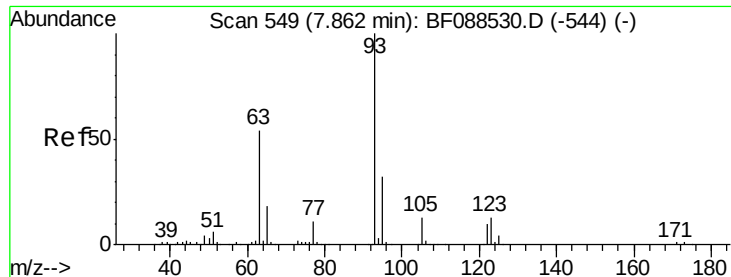
#27
2,4-Dimethylphenol
Concen: 4.02 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	82.4	123.6
121	58.5	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





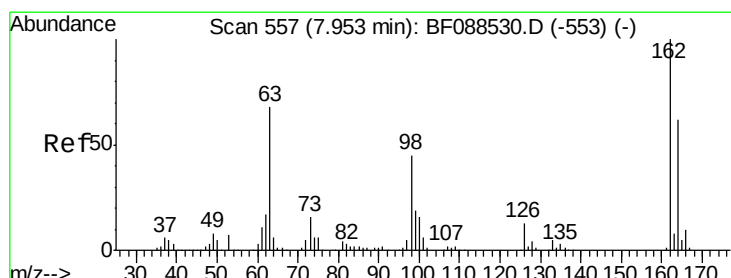
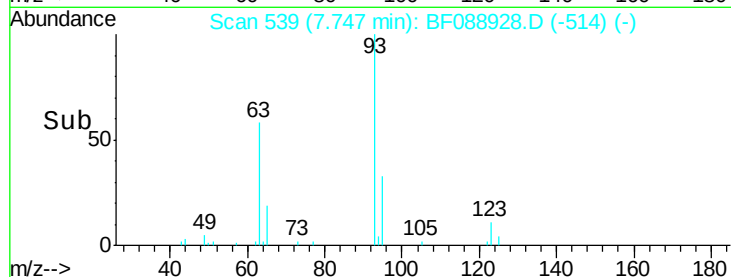
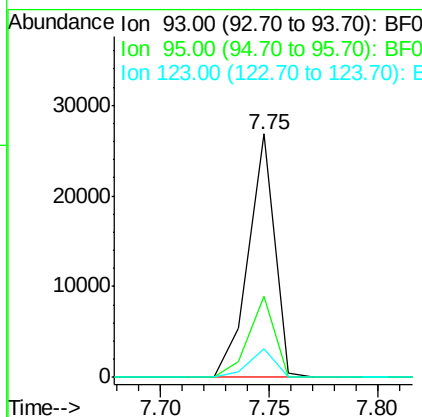
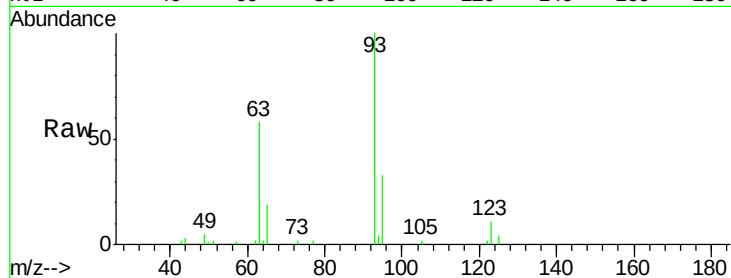
#28
bis(2-Chloroethoxy)methane
Concen: 4.27 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.5	11.6	17.4

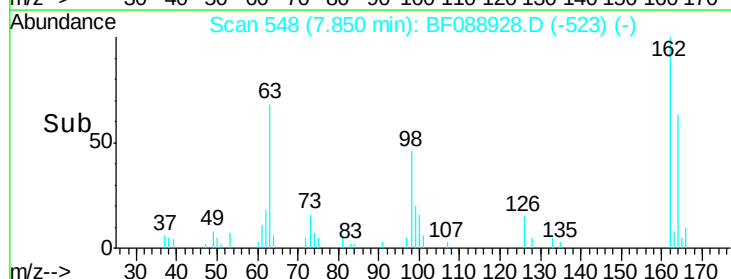
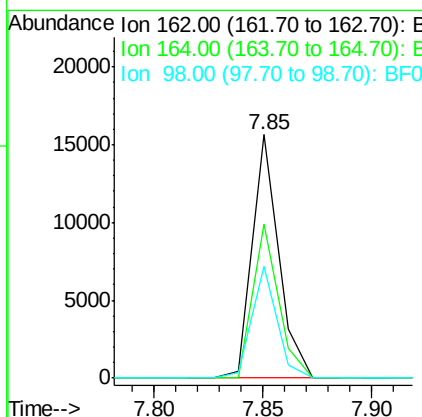
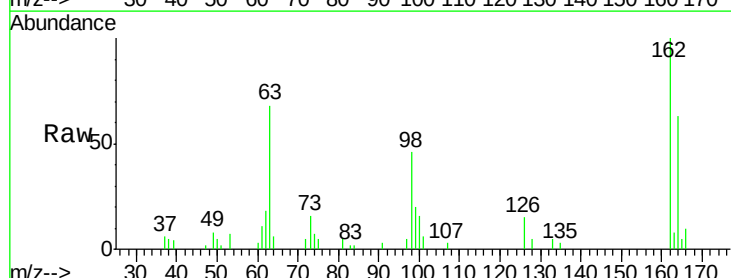
SOHIL

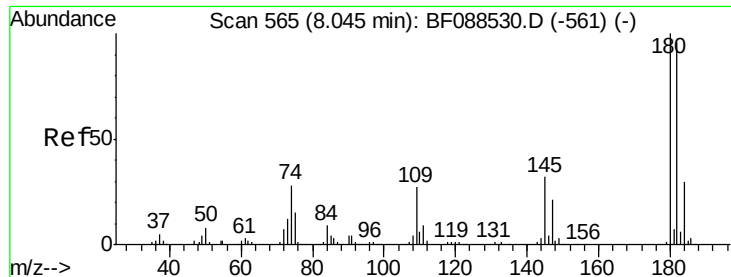
7/13/2016 9:25:36 AM



#29
2,4-Dichlorophenol
Concen: 4.35 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.8	83.8
98	46.0	21.3	61.3





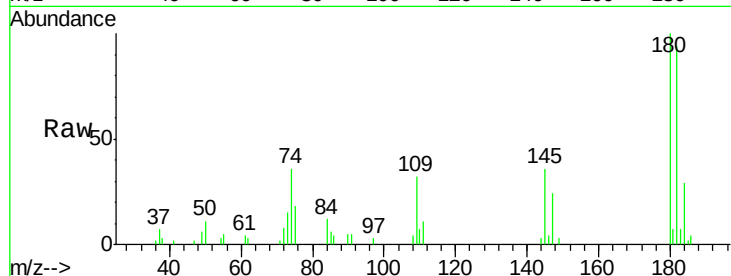
#30
 1,2,4-Trichlorobenzene
 Concen: 4.33 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

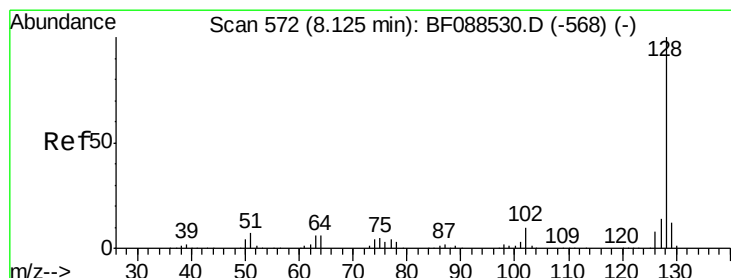
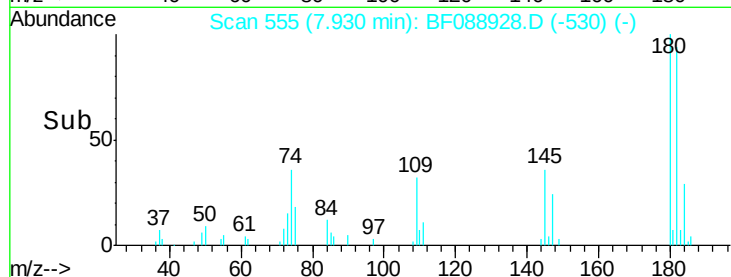
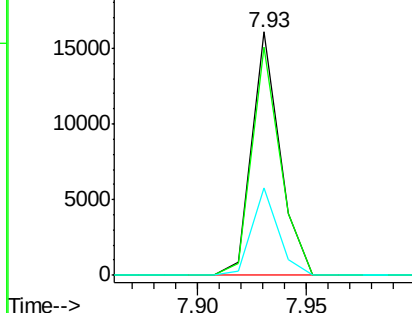
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.0	114.0
145	35.9	26.5	39.7

SOHIL

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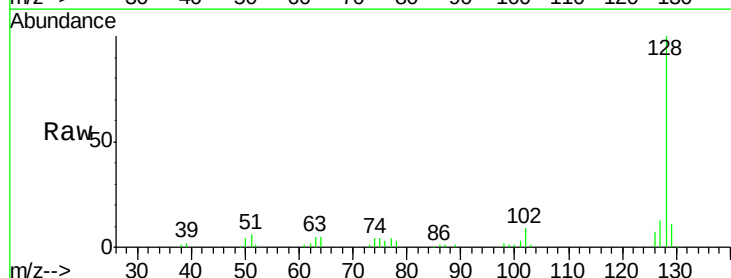


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

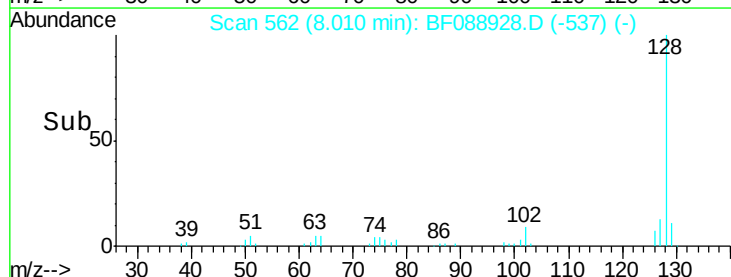
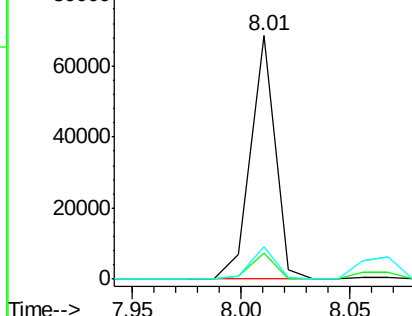


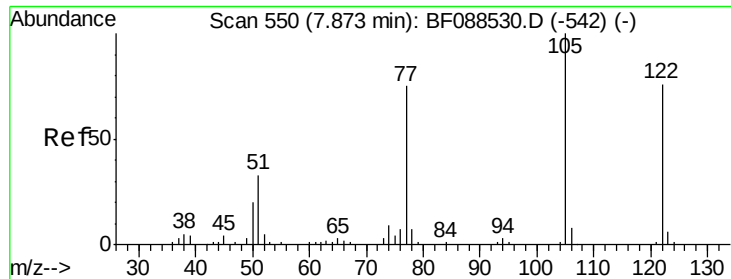
#31
 Naphthalene
 Concen: 4.77 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.1	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





#32

Benzoic acid

Concen: 1.34 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.07 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:122 Resp: 3641

Ion Ratio Lower Upper

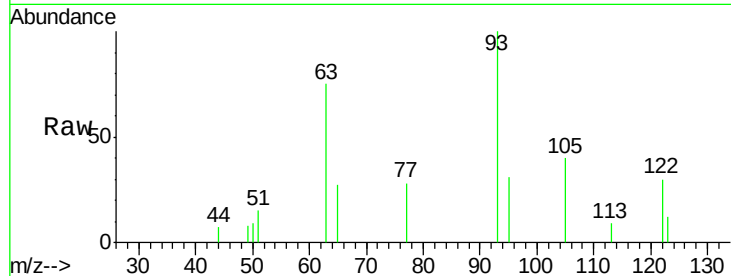
122 100

105 133.1 101.6 141.6

77 93.4 70.6 110.6

SOHIL

7/13/2016 9:25:36 AM

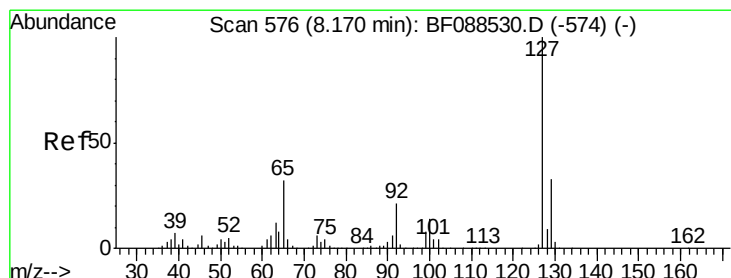
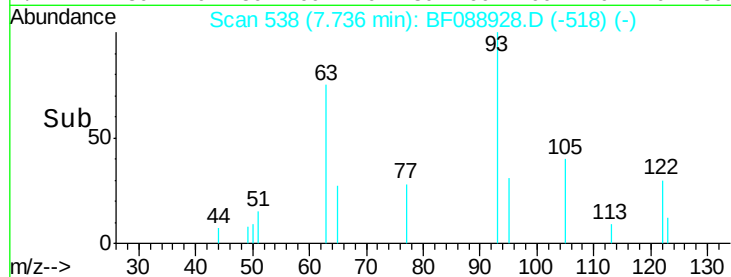
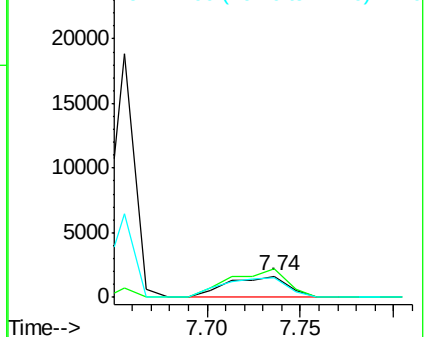


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 1.60 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:127 Resp: 8001

Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 23.5 24.7 37.1#

92 17.5 15.4 23.0

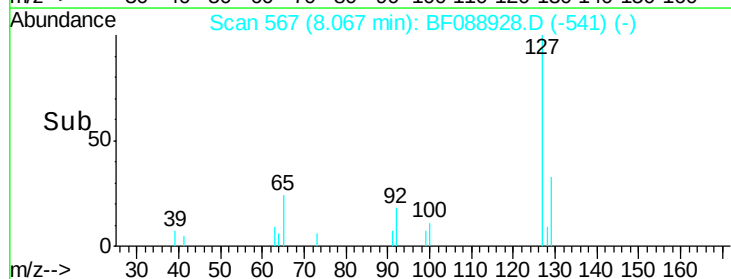
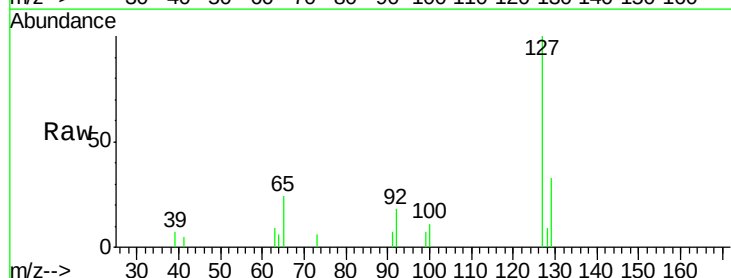
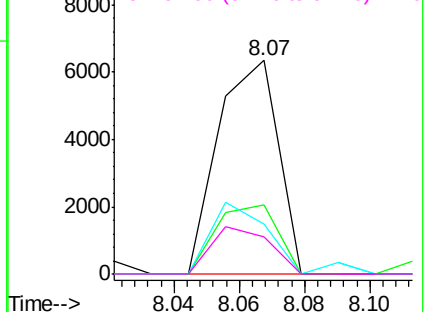
Abundance

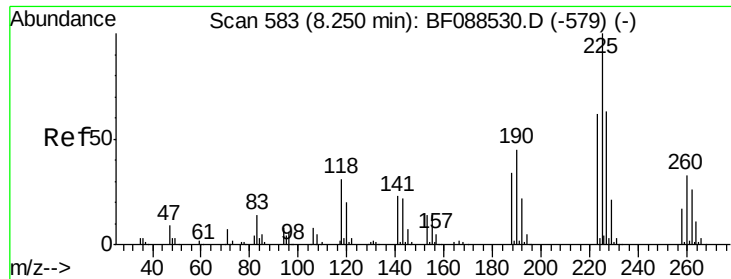
Ion 127.00 (126.70 to 127.70): E

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: 4.91 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

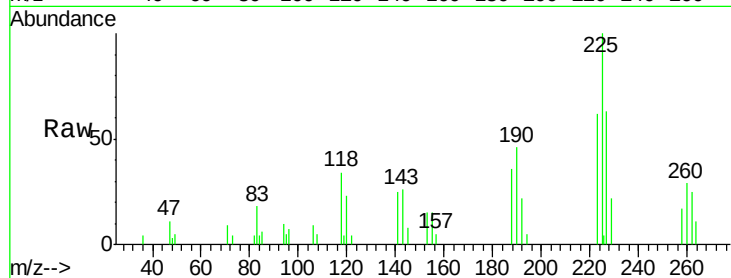
ClientSampleId :

PB91808BS

Tgt Ion:	225	Resp:	8753
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.9	76.3
227	63.2	51.9	77.9

SOHIL

7/13/2016 9:25:36 AM

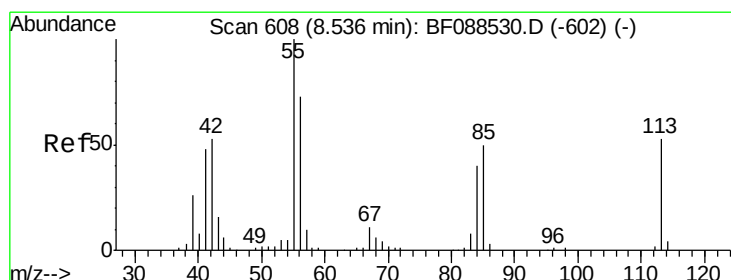
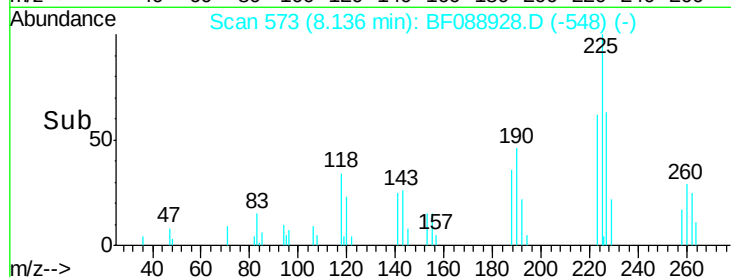
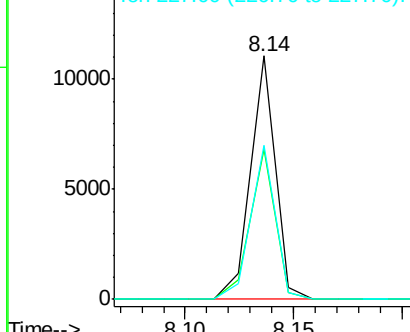


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 3.18 ng

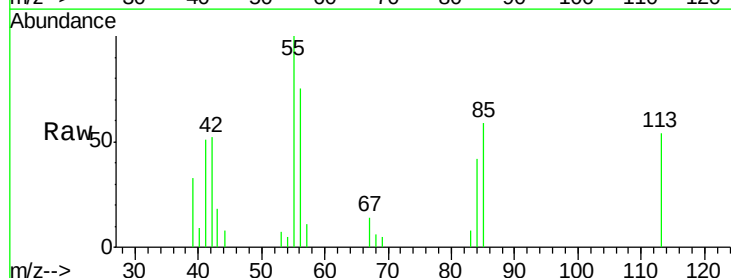
RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:	113	Resp:	3278
Ion Ratio	Lower	Upper	
113	100		
55	184.6	158.6	198.6
56	138.3	110.6	150.6

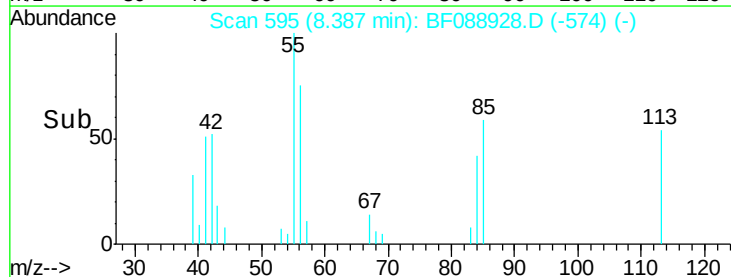
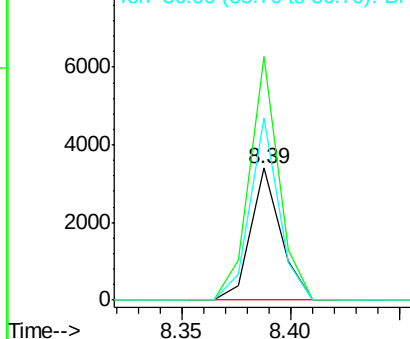


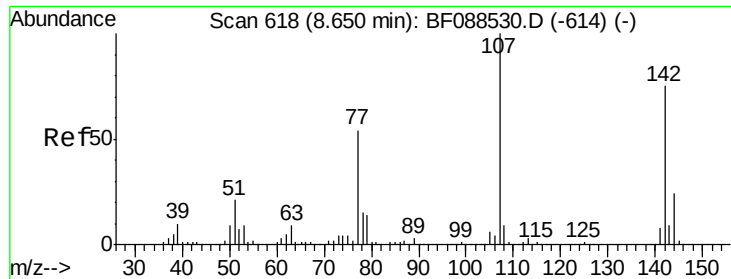
Abundance

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: 3.88 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF088928.D

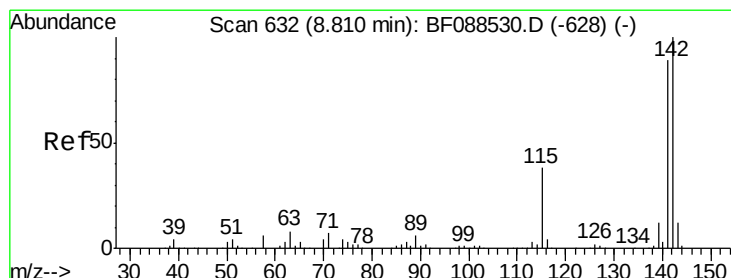
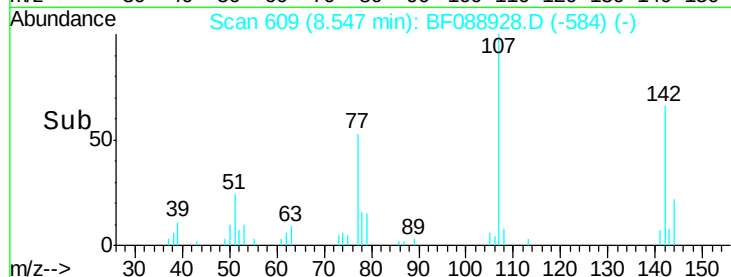
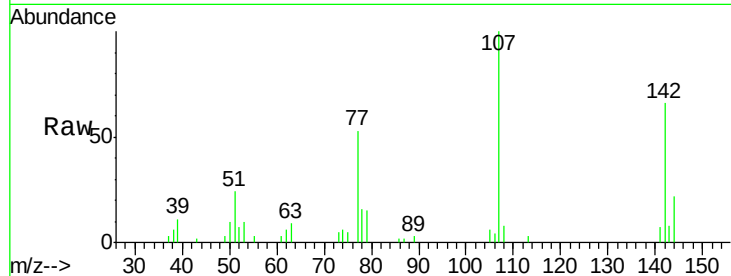
Acq: 12 Jul 2016 19:30

Tgt Ion:	107	Resp:	13900
Ion Ratio	Lower	Upper	
107	100		
144	21.9	20.8	31.2
142	65.7	63.4	95.2

Instrument :
BNA_F
ClientSampleId :
PB91808BS

SOHIL

7/13/2016 9:25:36 AM



#37

2-Methylnaphthalene

Concen: 3.98 ng

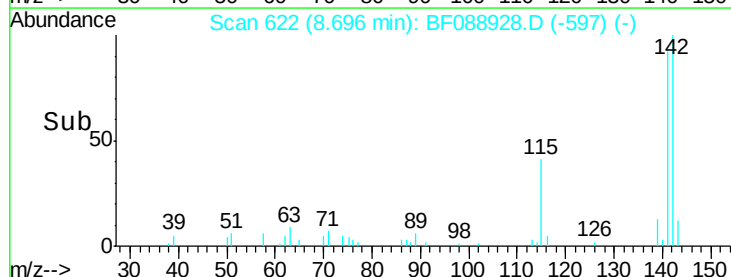
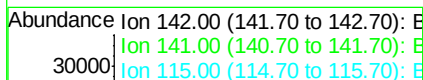
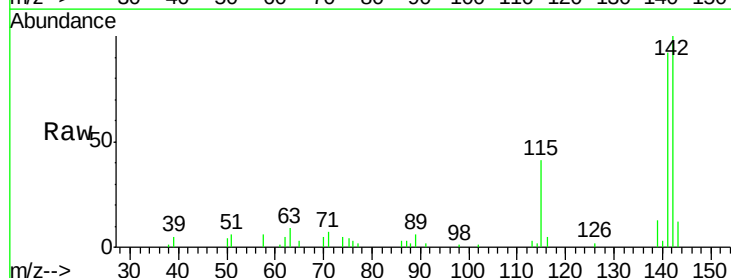
RT: 8.70 min Scan# 622

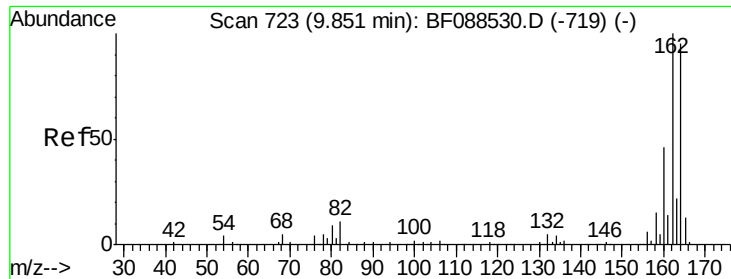
Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:	142	Resp:	28874
Ion Ratio	Lower	Upper	
142	100		
141	92.4	71.0	106.6
115	40.8	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

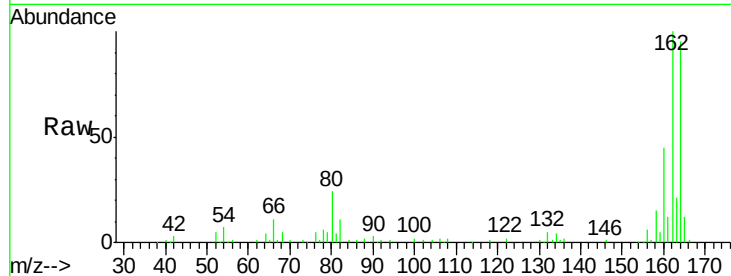
ClientSampleId :

PB91808BS

Tgt Ion:	164	Resp:	92097
Ion Ratio	Lower	Upper	
164	100		
162	105.1	85.4	128.2
160	46.9	39.5	59.3

SOHIL

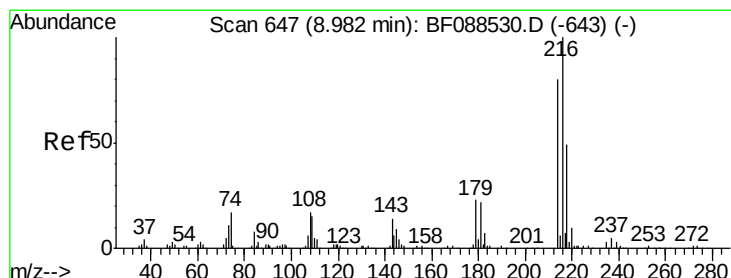
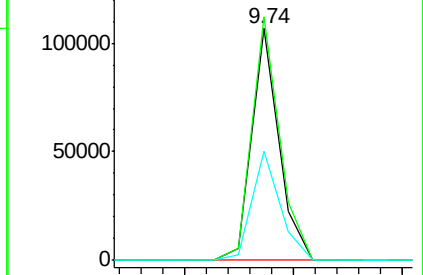
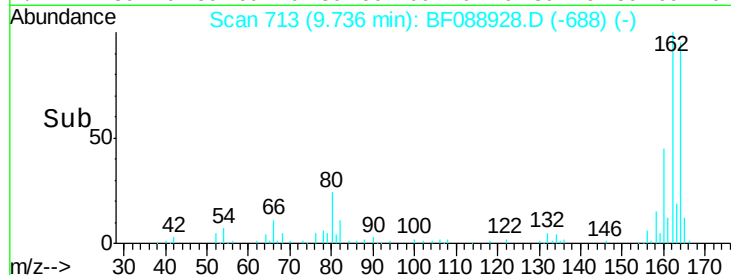
7/13/2016 9:25:36 AM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.55 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

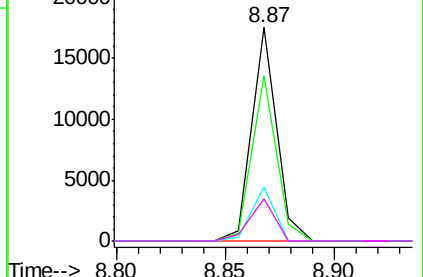
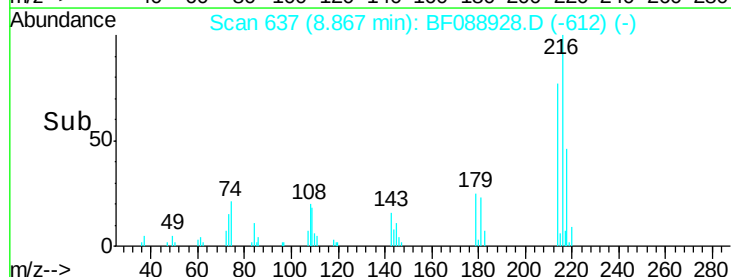
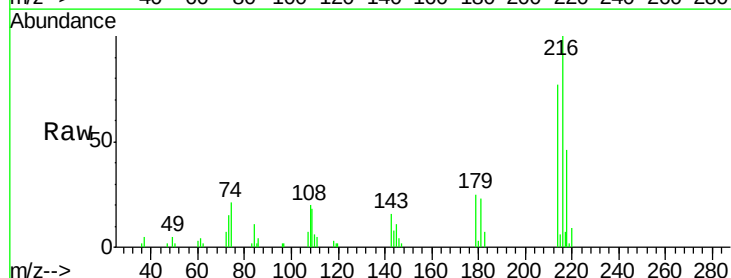
Tgt Ion:	216	Resp:	13931
Ion Ratio	Lower	Upper	
216	100		
214	76.3	2.9	4.3#
179	23.2	0.0	0.0#
108	19.3	0.5	0.7#

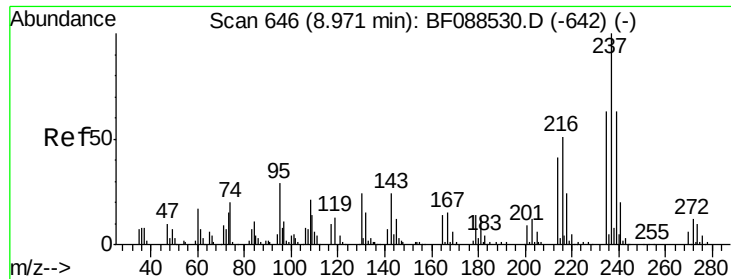
Abundance Ion 216.00 (215.70 to 216.70): E

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





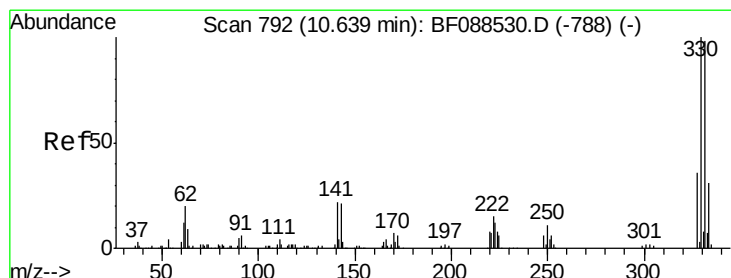
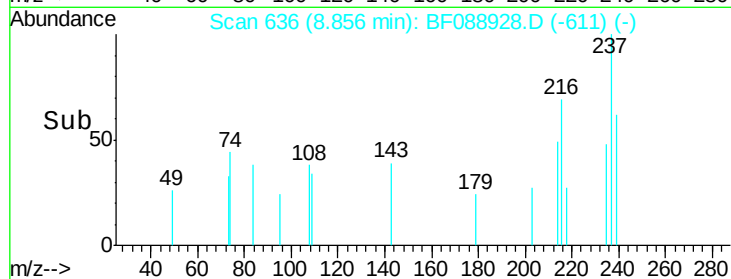
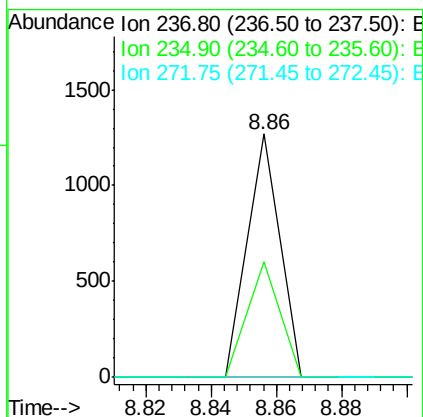
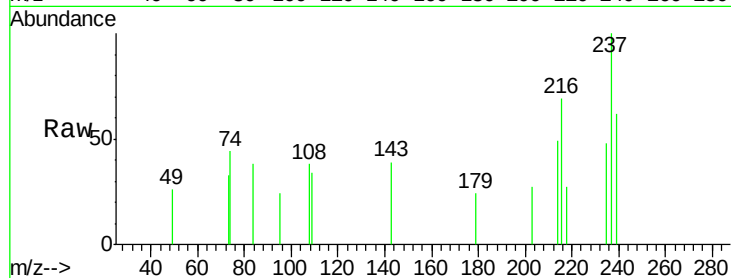
#40
Hexachlorocyclopentadiene
Concen: 0.58 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 237 Resp: 870
Ion Ratio Lower Upper
237 100
235 47.5 43.4 83.4
272 0.0 0.0 32.3

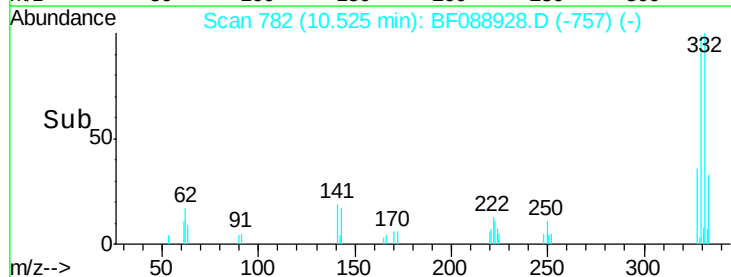
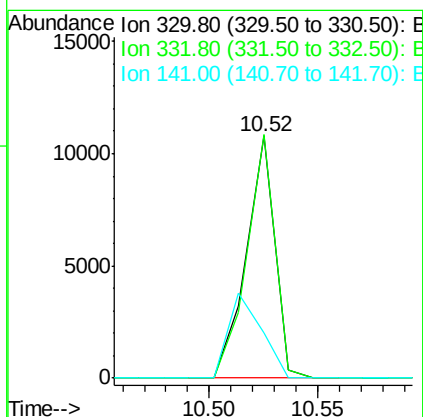
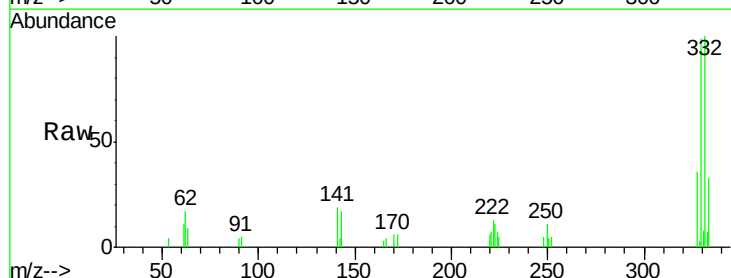
SOHIL

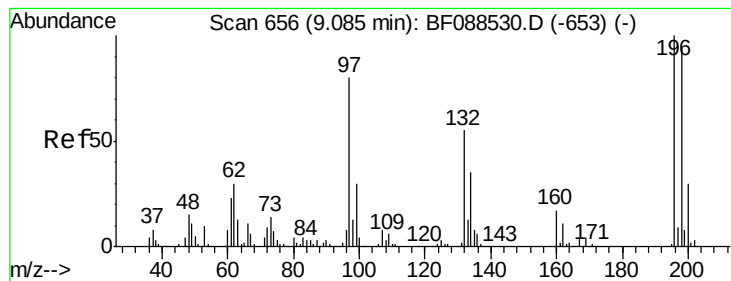
7/13/2016 9:25:36 AM



#41
2,4,6-Tribromophenol
Concen: 11.52 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 330 Resp: 9854
Ion Ratio Lower Upper
330 100
332 98.5 0.0 0.0#
141 40.7 0.0 0.0#





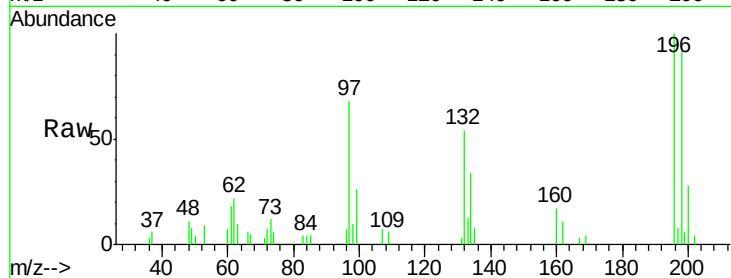
#42
 2,4,6-Trichlorophenol
 Concen: 4.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.0	117.0
200	28.4	25.4	38.2

SOHIL

7/13/2016 9:25:36 AM

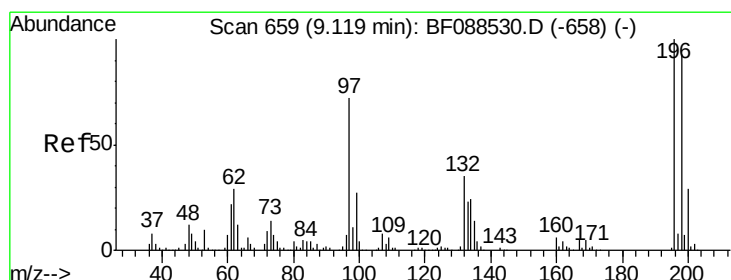
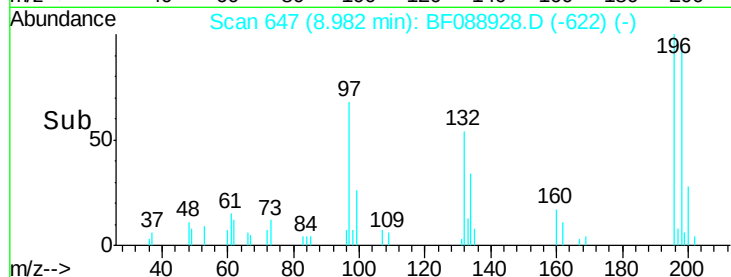
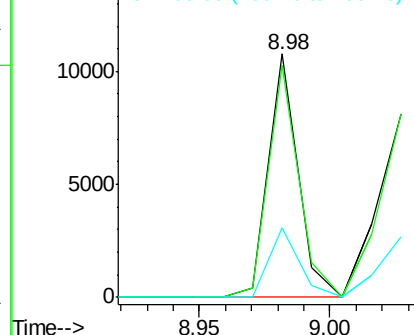


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 4.62 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	77.5	116.3
97	41.0	32.0	48.0
132	24.9	20.9	31.3

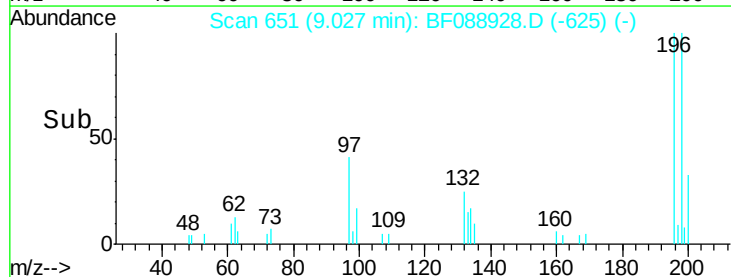
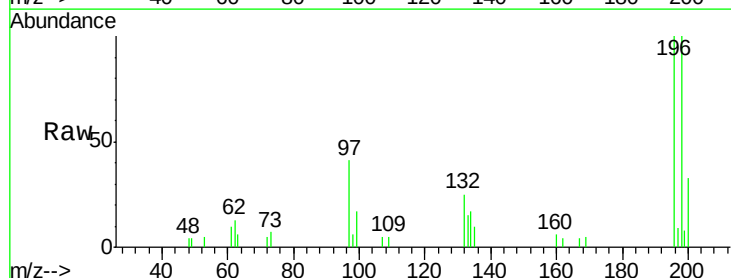
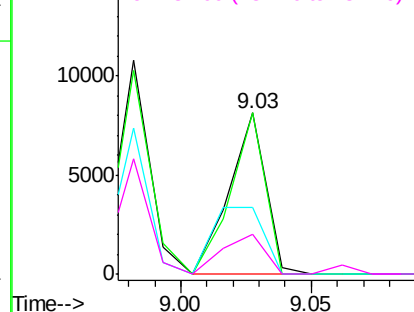
Abundance

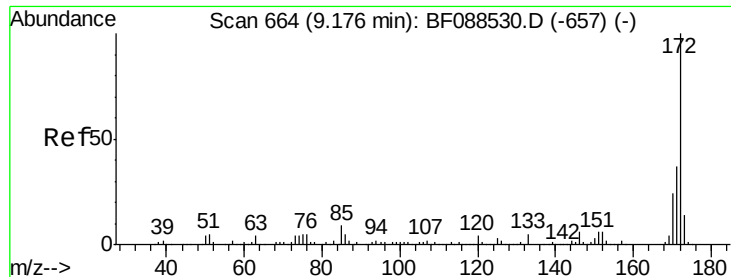
Ion 196.00 (195.70 to 196.70): E

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





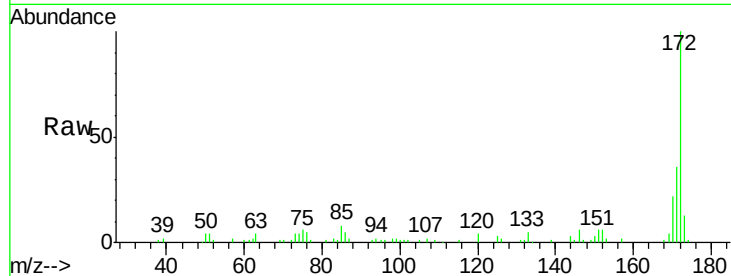
#44
2-Fluorobiphenyl
Concen: 11.34 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

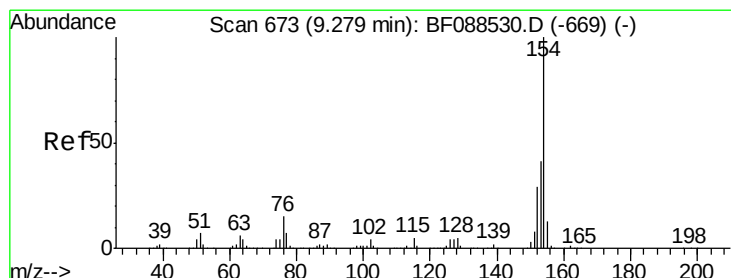
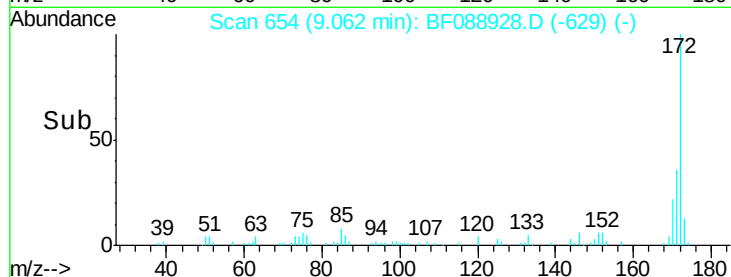
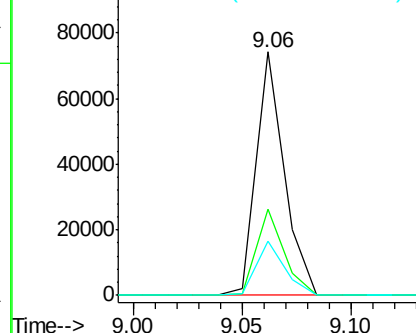
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	22.2	19.2	28.8

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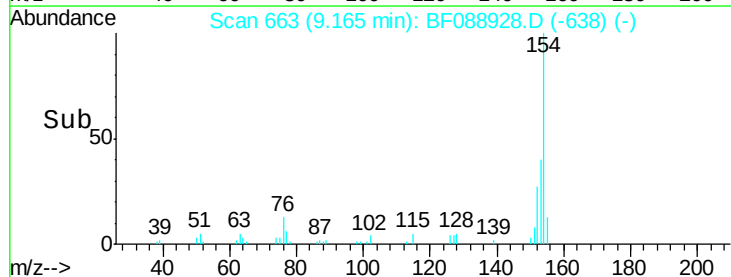
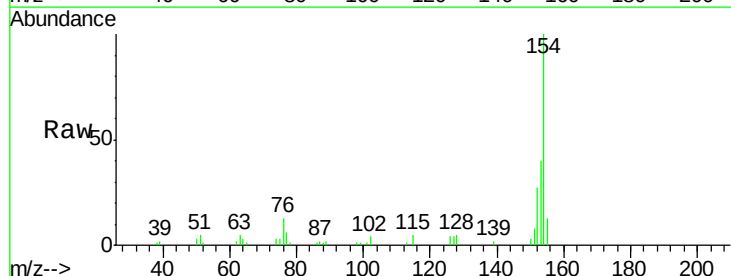
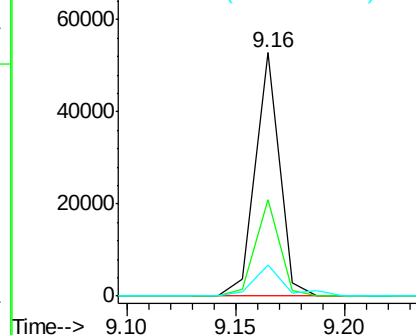
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

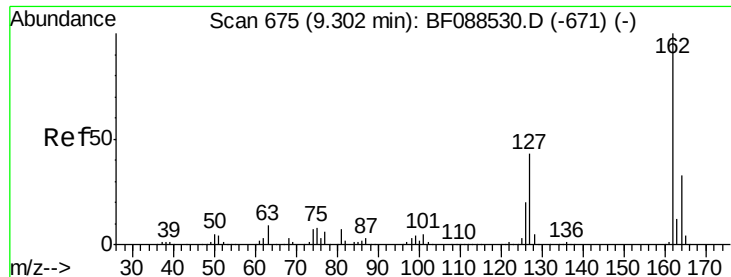


#45
1,1'-Biphenyl
Concen: 5.36 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	12.7	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





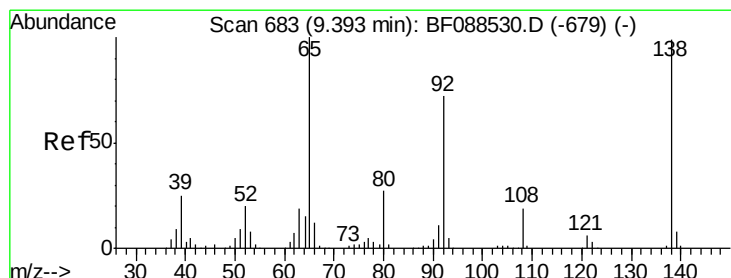
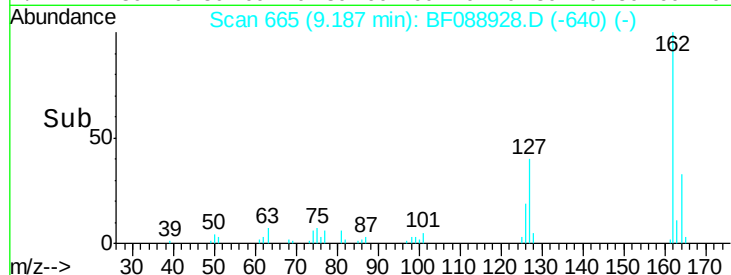
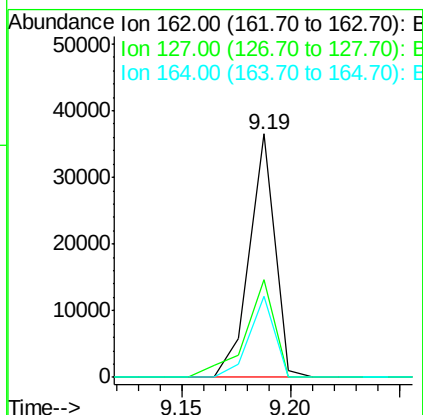
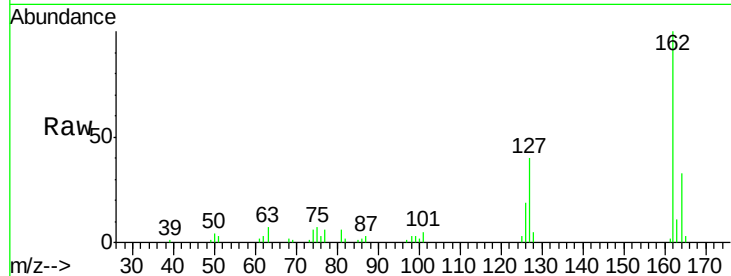
#46
2-Chloronaphthalene
Concen: 4.95 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	35.2	52.8
164	33.4	26.6	39.8

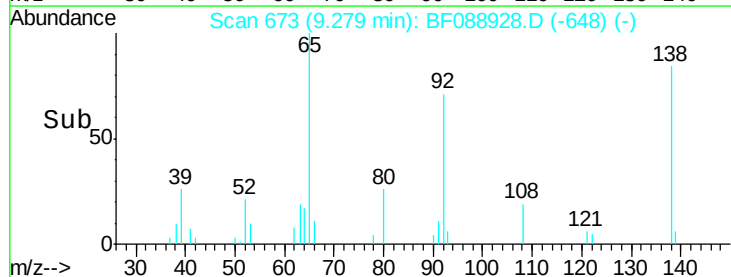
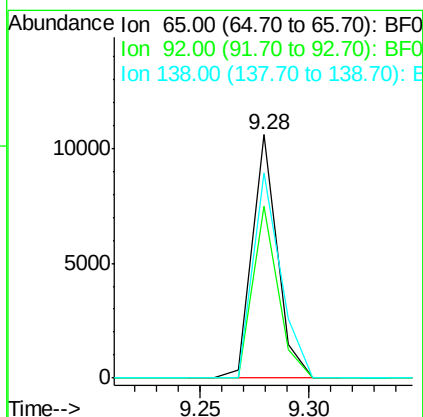
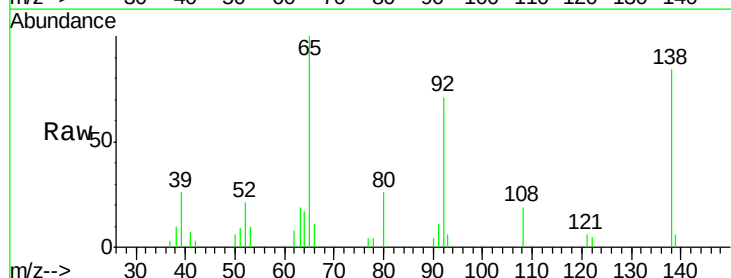
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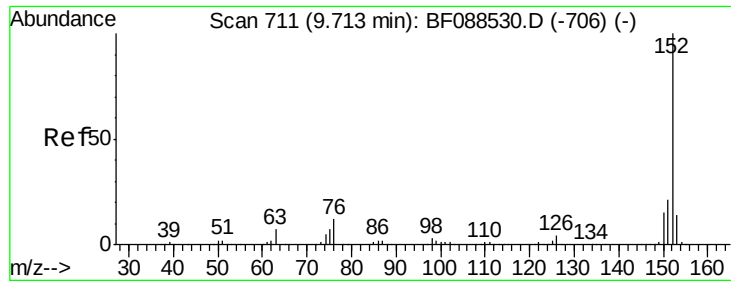
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#47
2-Nitroaniline
Concen: 4.02 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	84.4	77.0	115.4





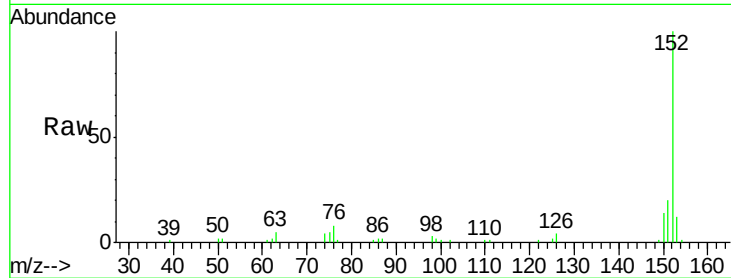
#48
Acenaphthylene
Concen: 4.79 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

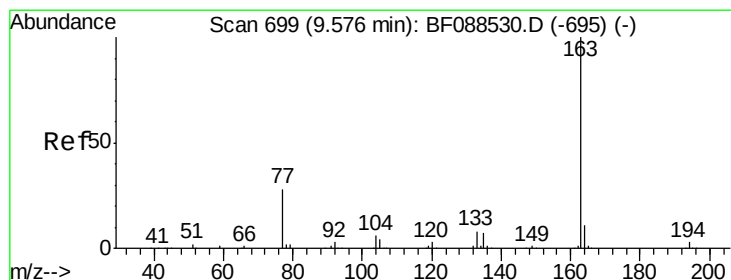
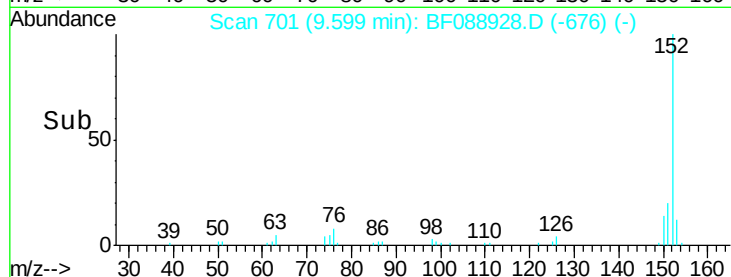
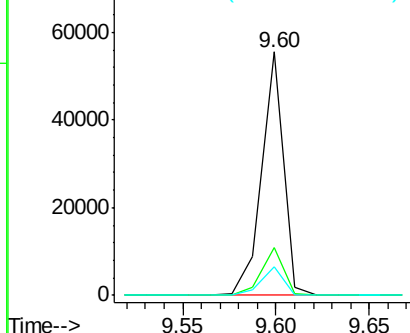
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	11.9	11.0	16.6

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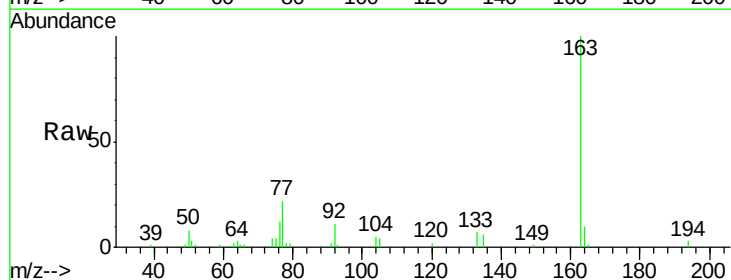


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

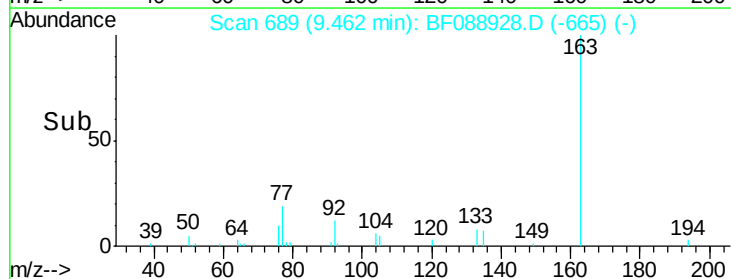
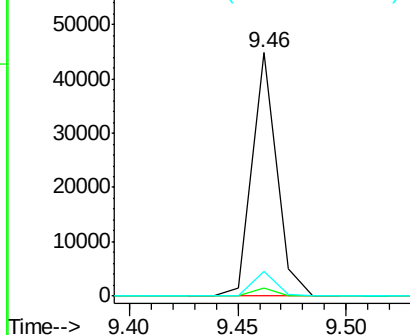


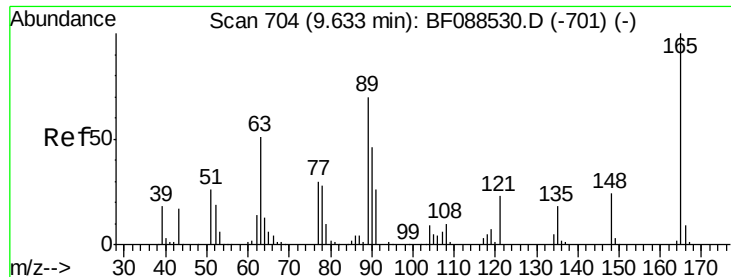
#49
Dimethylphthalate
Concen: 5.39 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	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





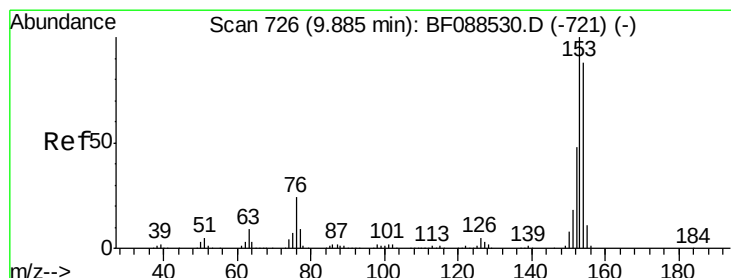
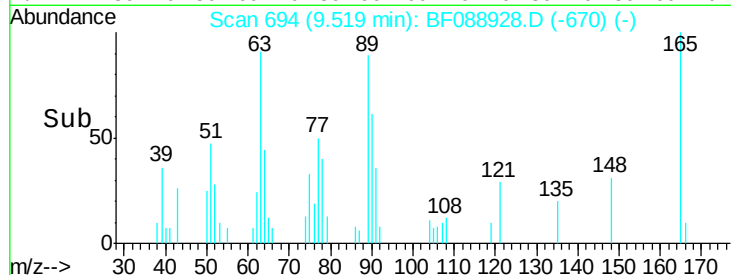
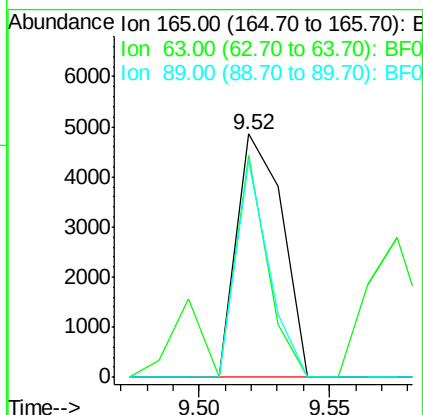
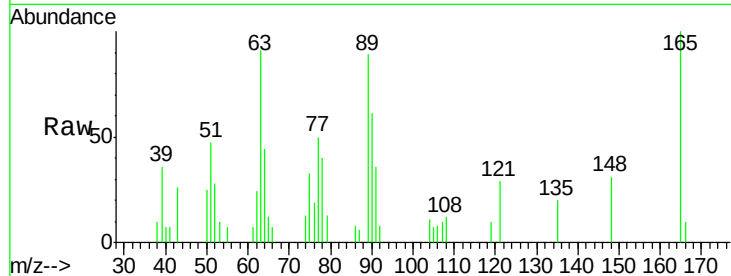
#50
2,6-Dinitrotoluene
Concen: 4.09 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:165 Resp: 5954
Ion Ratio Lower Upper
165 100
63 91.1 28.1 42.1#
89 89.0 32.2 48.2#

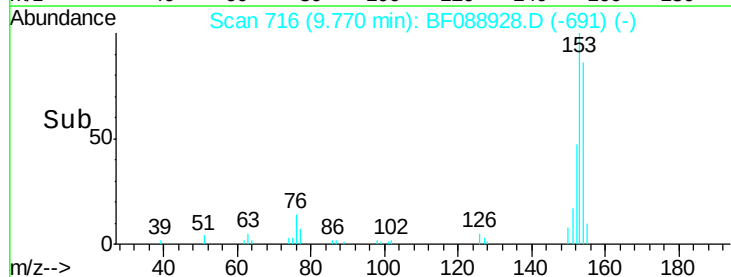
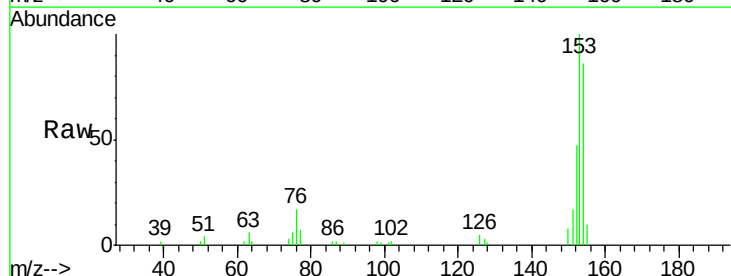
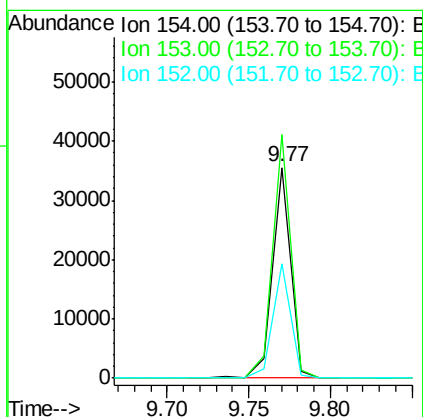
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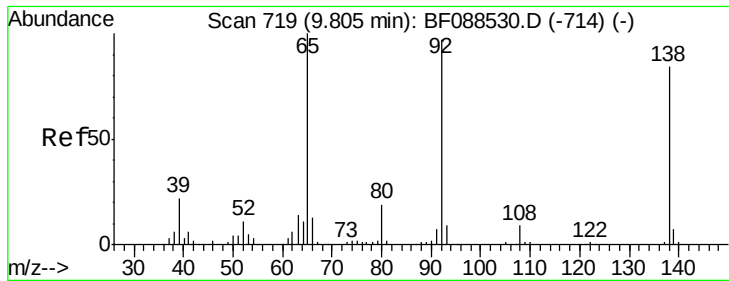
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#51
Acenaphthene
Concen: 4.74 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:154 Resp: 27702
Ion Ratio Lower Upper
154 100
153 115.7 89.5 134.3
152 54.1 42.7 64.1





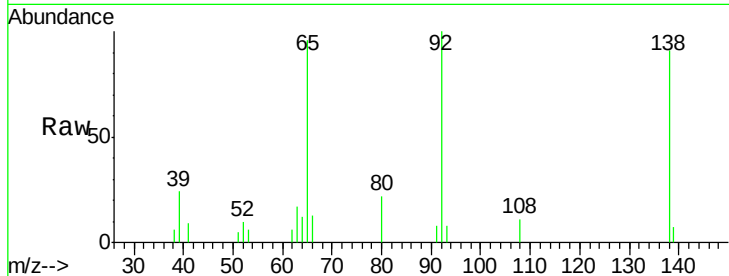
#52
 3-Nitroaniline
 Concen: 3.03 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

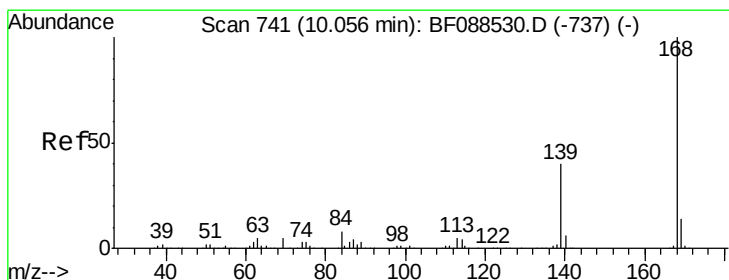
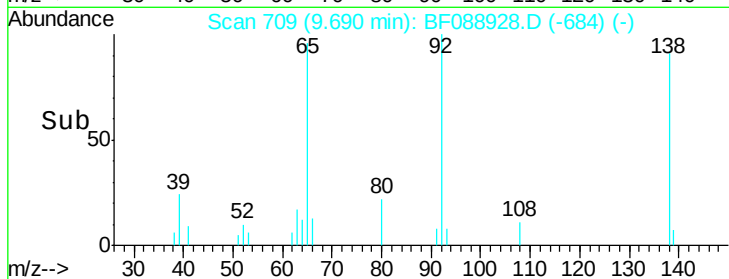
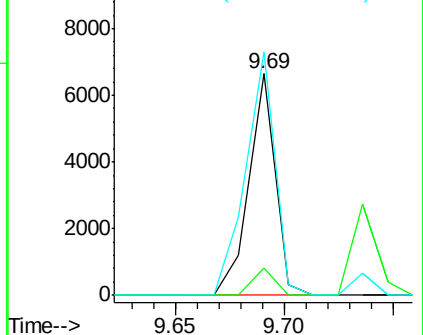
Tgt Ion:138 Resp: 5596
 Ion Ratio Lower Upper
 138 100
 108 12.1 8.5 12.7
 92 109.9 95.7 143.5

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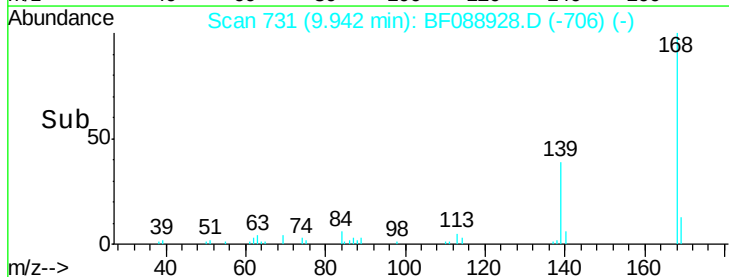
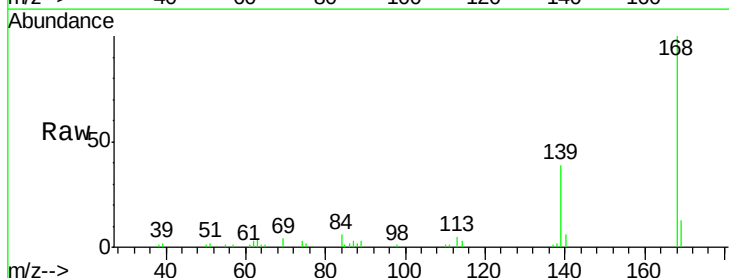
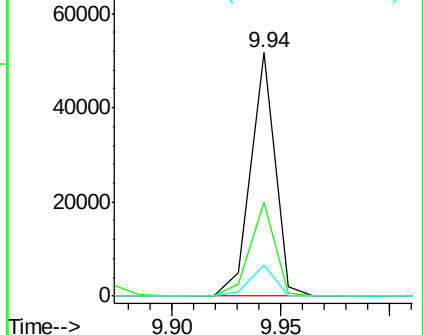
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

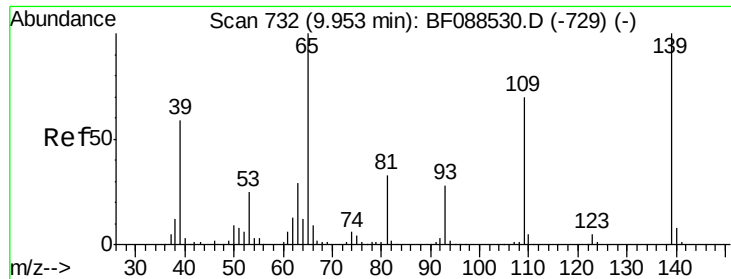


#54
 Dibenzofuran
 Concen: 5.27 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:168 Resp: 40295
 Ion Ratio Lower Upper
 168 100
 139 38.5 26.4 39.6
 169 12.5 10.4 15.6

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





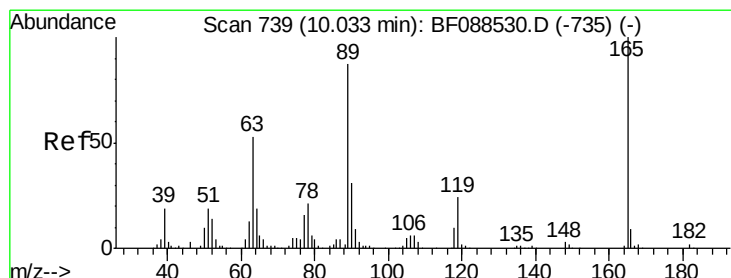
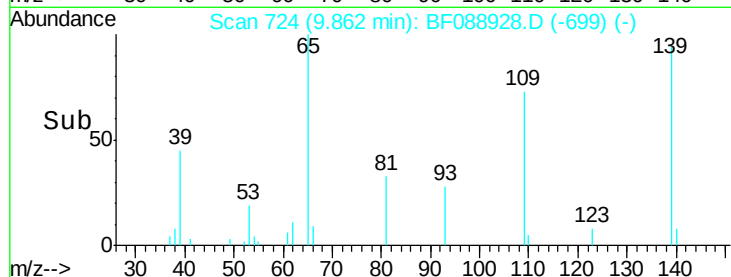
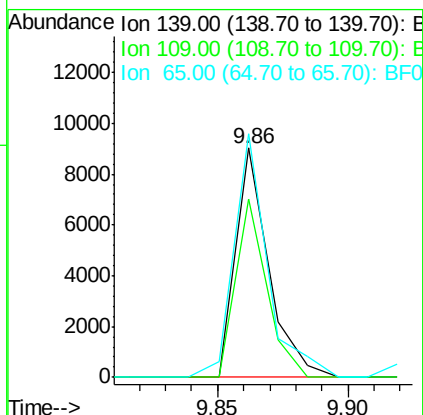
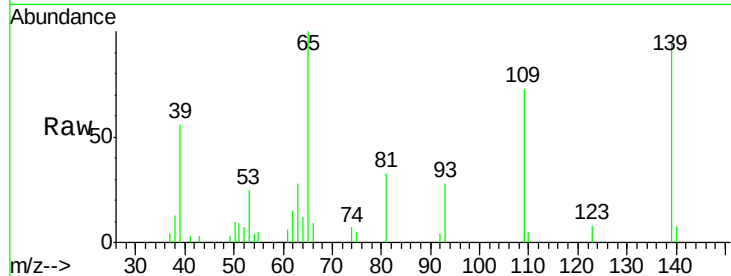
#55
4-Nitrophenol
Concen: 5.70 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:	139	Resp:	8001
Ion Ratio	Lower	Upper	
139	100		
109	77.8	48.9	88.9
65	106.4	84.9	124.9

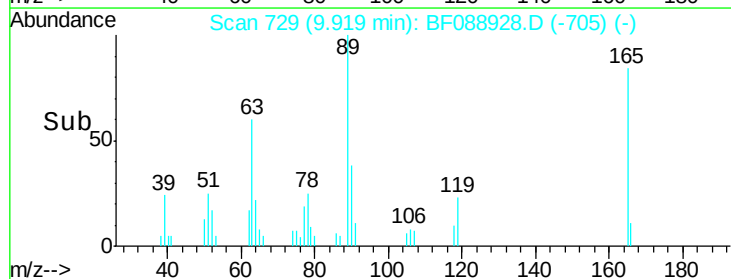
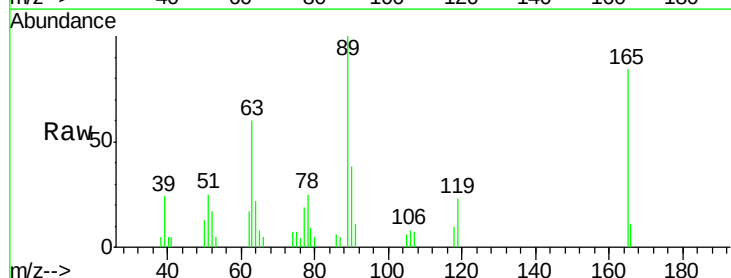
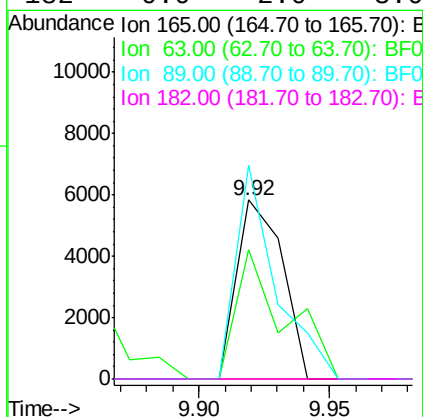
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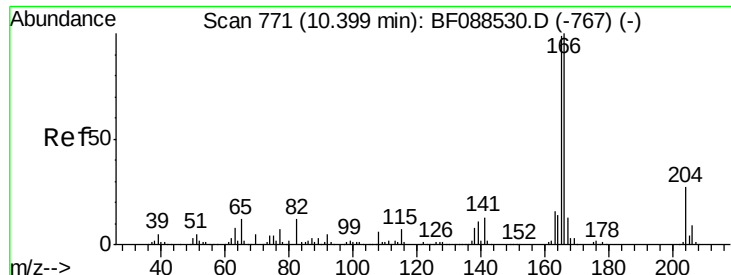
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#56
2,4-Dinitrotoluene
Concen: 3.76 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	165	Resp:	7143
Ion Ratio	Lower	Upper	
165	100		
63	72.0	22.0	33.0#
89	119.2	41.1	61.7#
182	0.0	2.0	3.0#





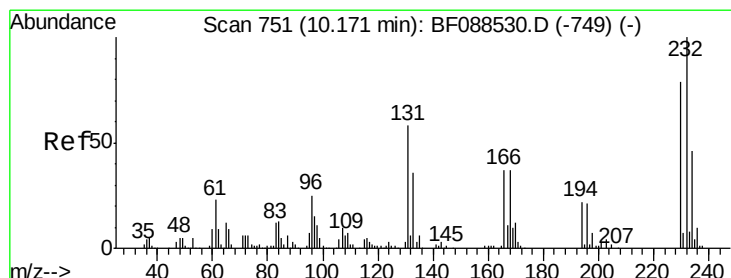
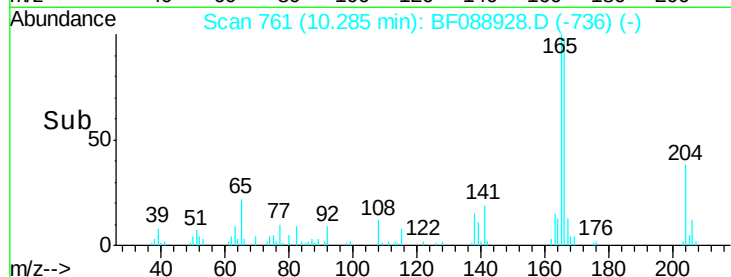
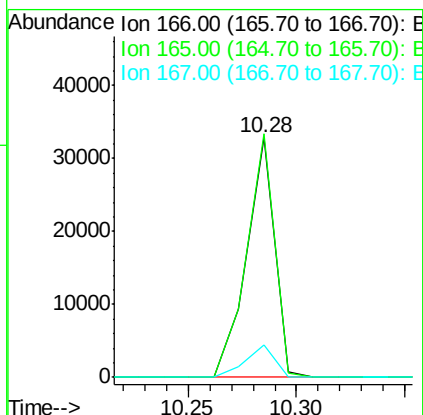
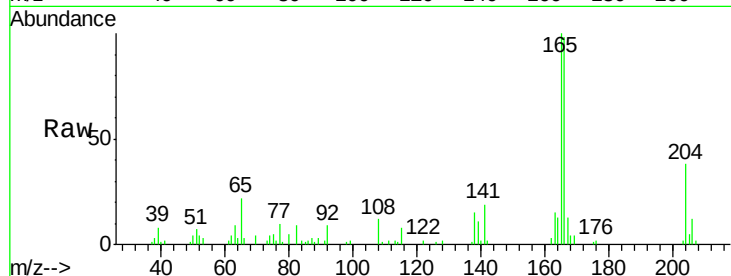
#57
 Fluorene
 Concen: 4.99 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.8
167	13.3	11.2	16.8

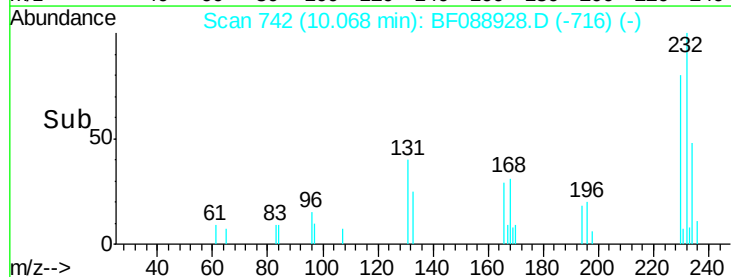
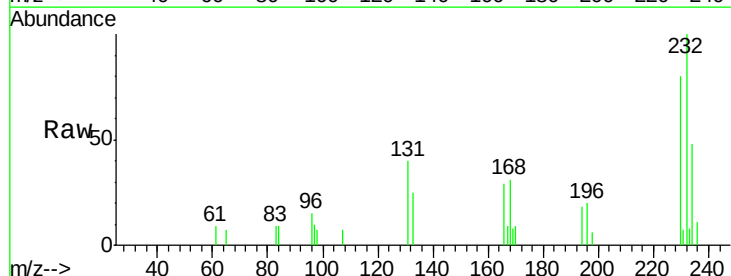
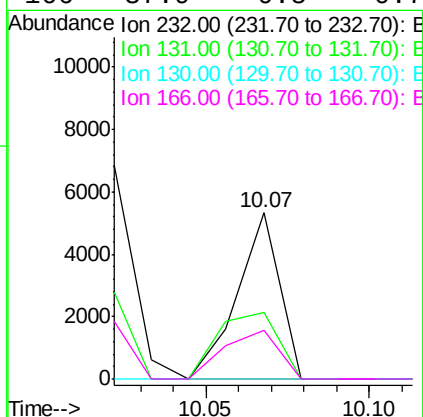
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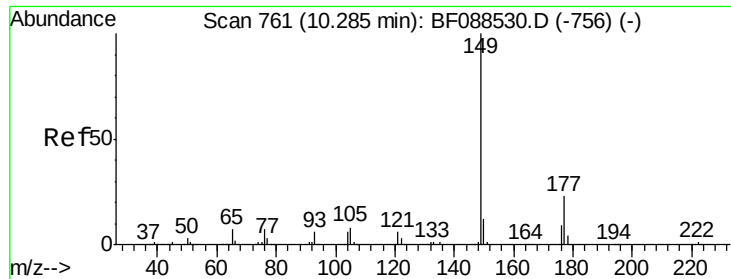
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.54 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.7	0.9	1.3#
130	0.0	1.5	2.3#
166	37.9	0.5	0.7#





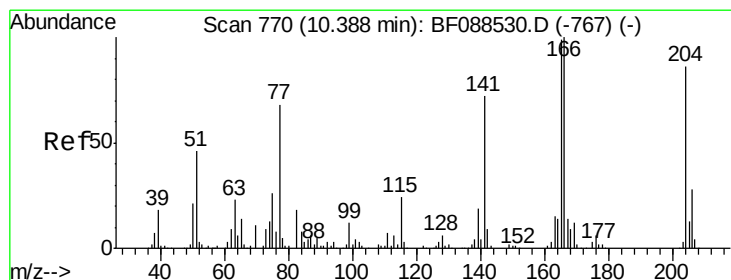
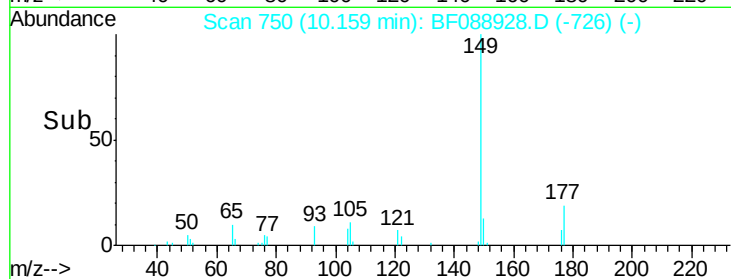
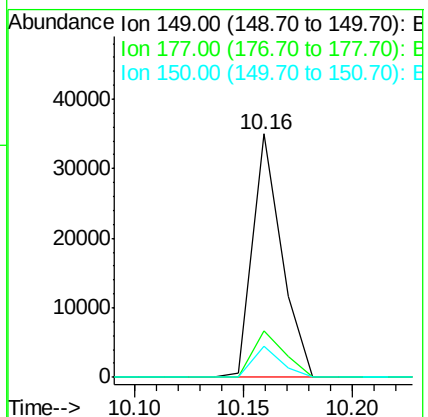
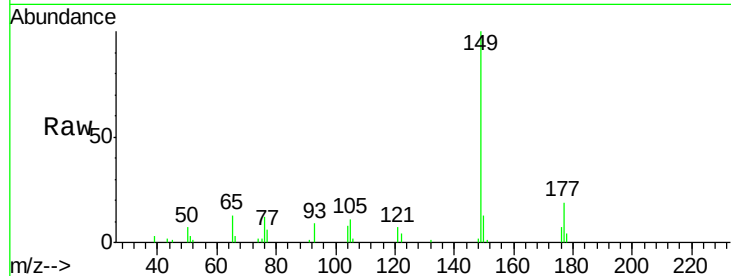
#59
Diethylphthalate
Concen: 4.92 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:	149	Resp:	32395
Ion Ratio	Lower	Upper	
149	100		
177	18.8	16.9	25.3
150	12.6	10.1	15.1

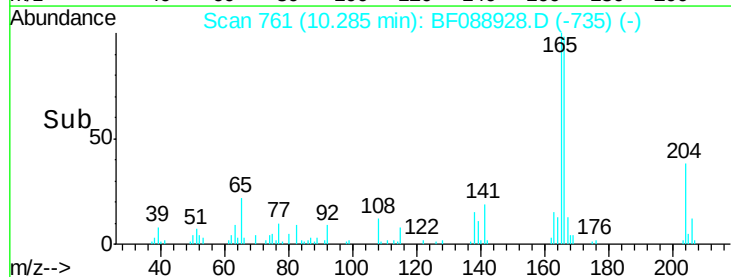
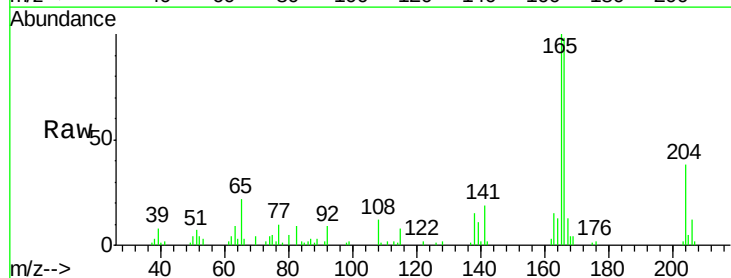
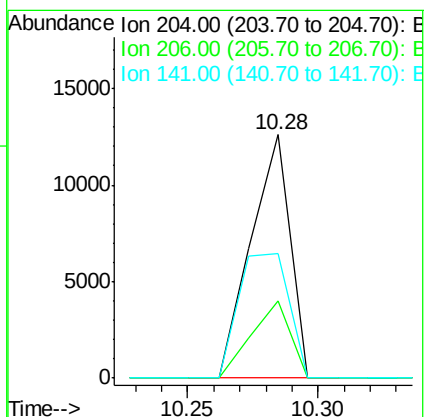
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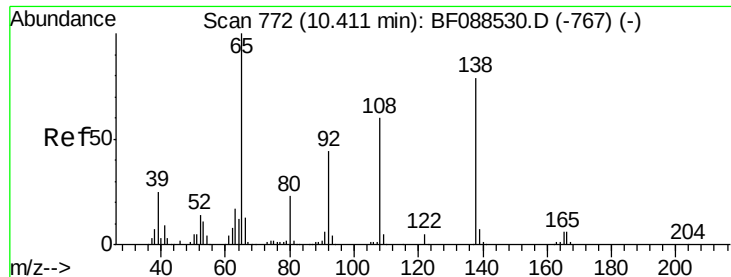
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#60
4-Chlorophenyl-phenylether
Concen: 4.84 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	204	Resp:	13248
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.3	39.5
141	51.4	55.0	82.6#





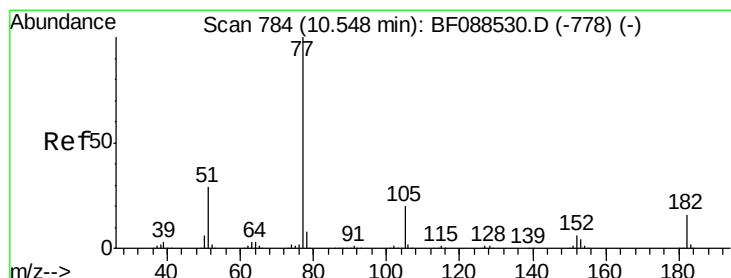
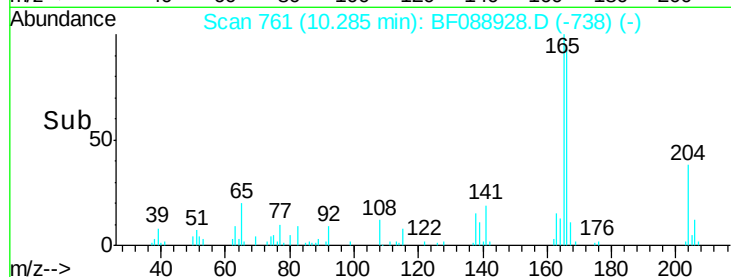
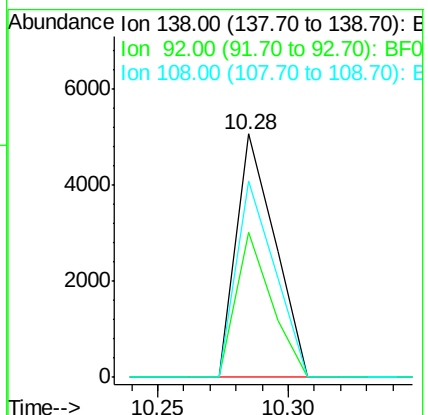
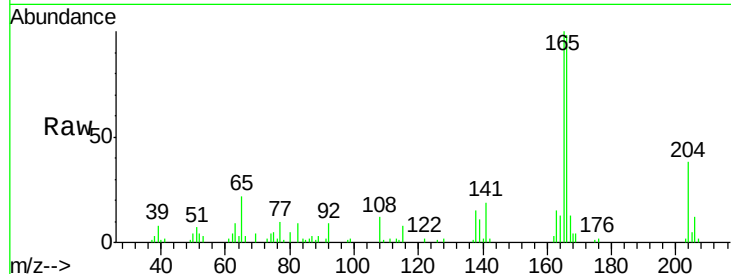
#61
4-Nitroaniline
Concen: 2.97 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:	138	Resp:	5281
Ion	Ratio	Lower	Upper
138	100		
92	59.8	27.3	67.3
108	80.4	46.7	86.7

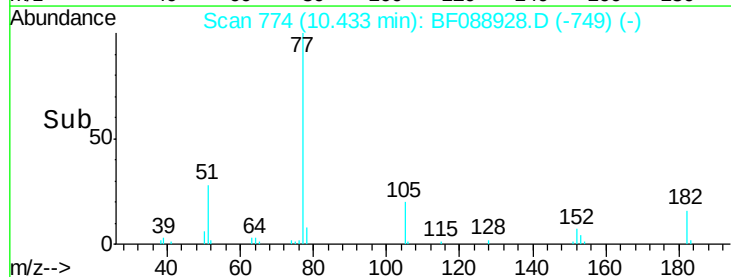
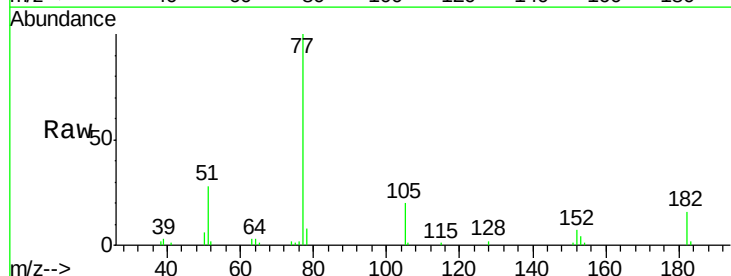
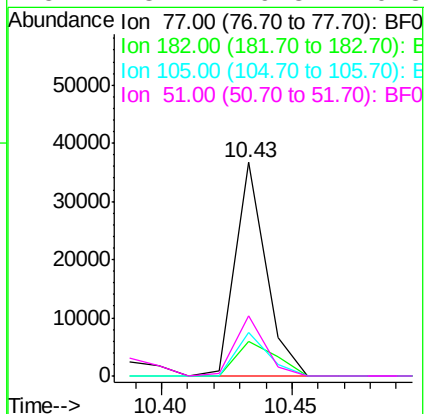
SOHIL

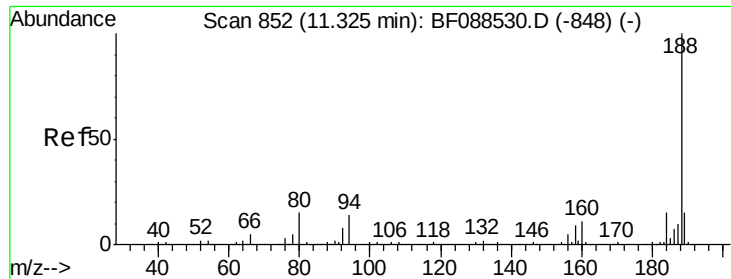
7/13/2016 9:25:36 AM



#62
Azobenzene
Concen: 4.03 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	77	Resp:	30247
Ion	Ratio	Lower	Upper
77	100		
182	16.0	4.4	44.4
105	20.2	3.8	43.8
51	28.2	9.3	49.3





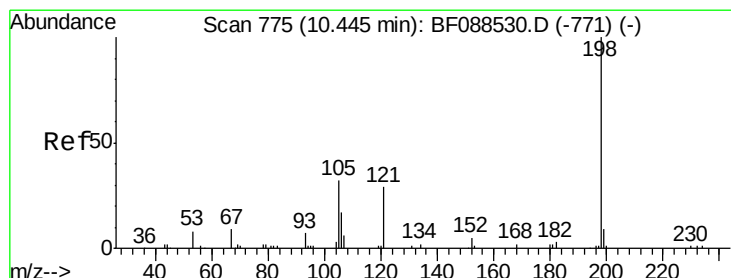
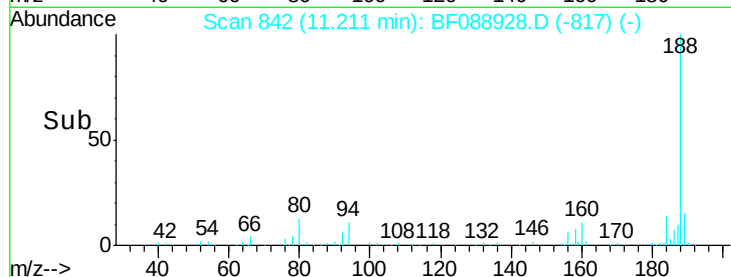
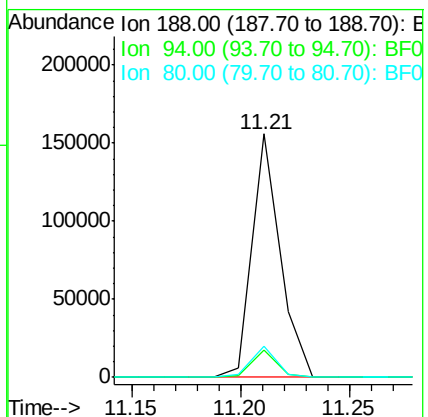
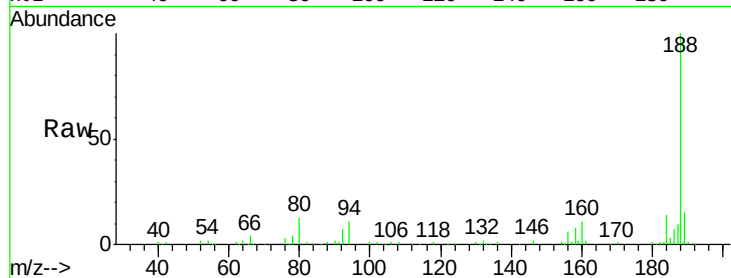
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	12.8	10.0	15.0

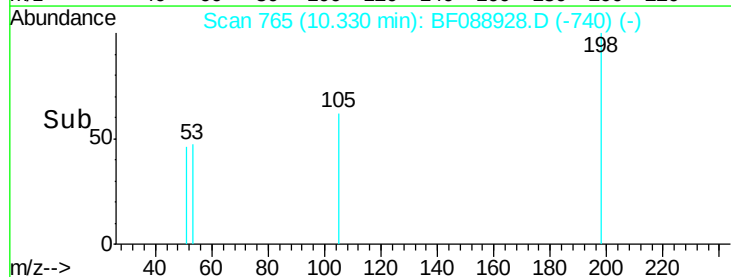
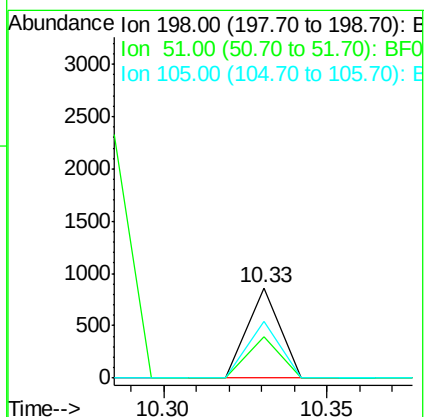
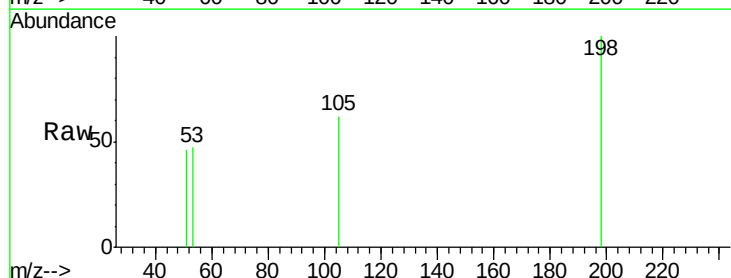
SOHIL

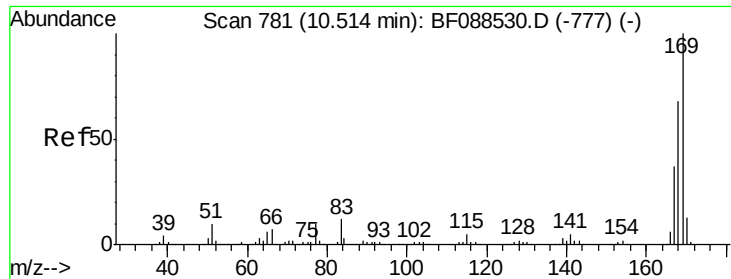
7/13/2016 9:25:36 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 0.79 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.7	39.6	79.6
105	62.1	36.6	76.6





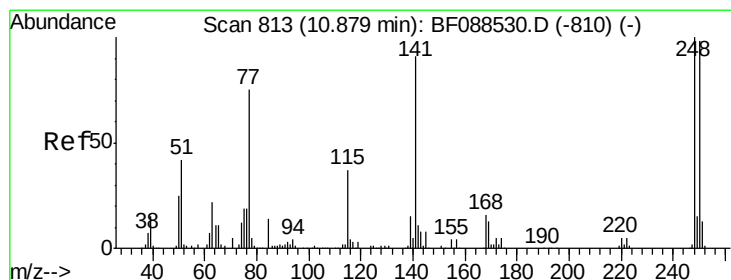
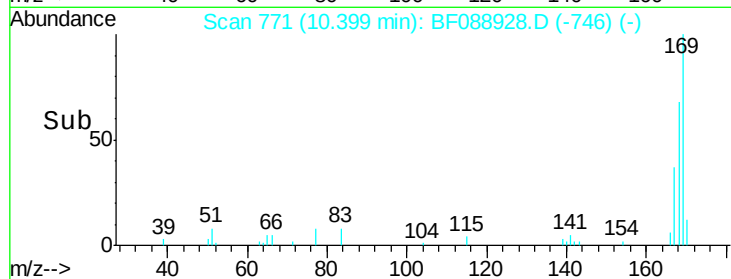
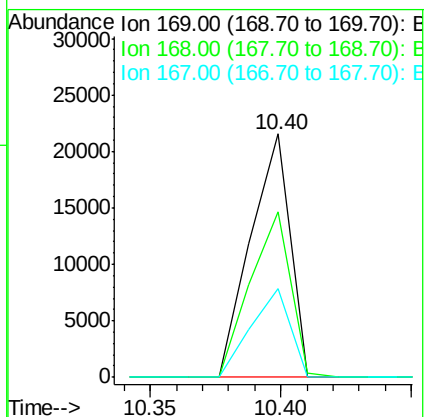
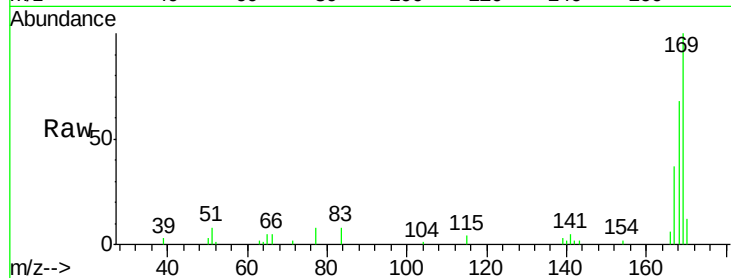
#65
 n-Nitrosodiphenylamine
 Concen: 4.83 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.4	80.0
167	36.5	29.4	44.0

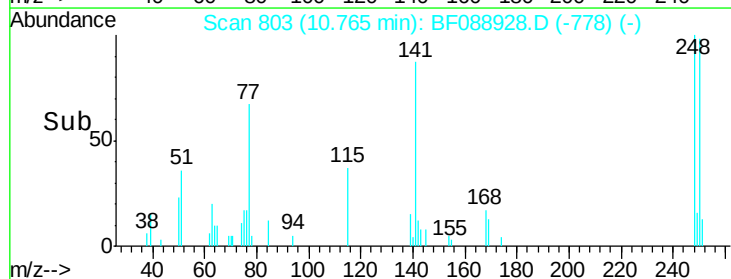
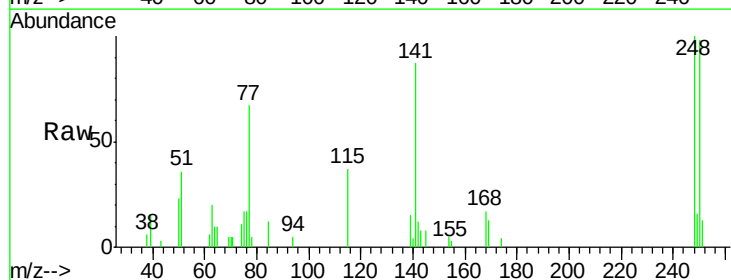
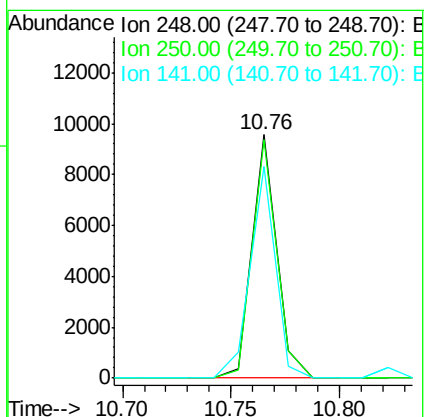
SOHIL

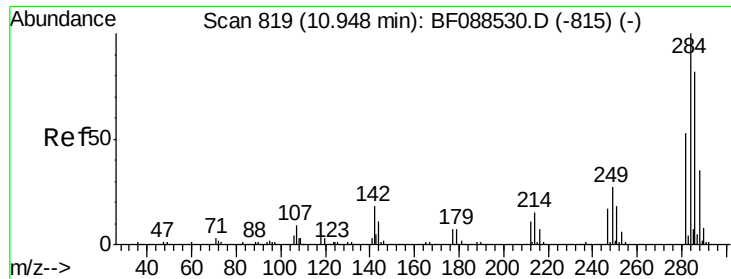
7/13/2016 9:25:36 AM



#66
 4-Bromophenyl-phenylether
 Concen: 5.34 ng
 RT: 10.76 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	87.1	50.6	76.0





#67

Hexachlorobenzene

Concen: 4.59 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF088928.D

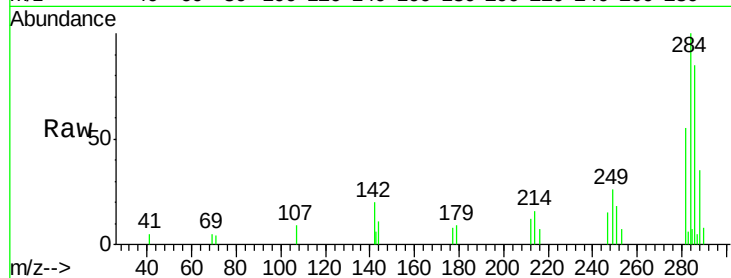
Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

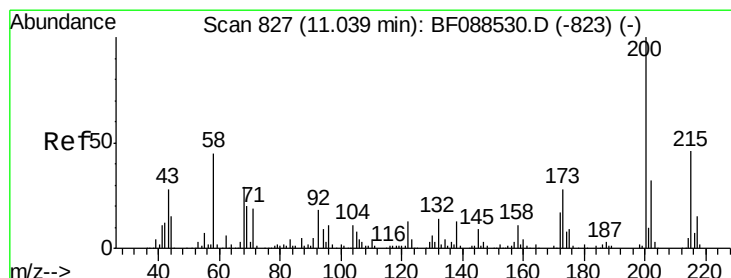
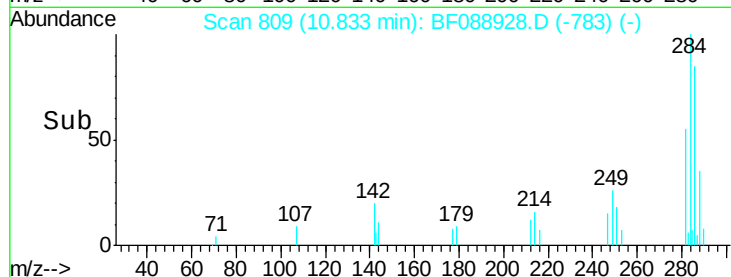
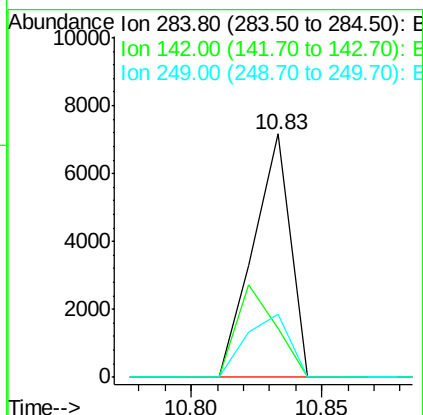
PB91808BS



Tgt Ion:	284	Resp:	7182
Ion Ratio	Lower	Upper	
284	100		
142	20.2	35.8	53.8#
249	25.9	25.8	38.6

SOHIL

7/13/2016 9:25:36 AM



#68

Atrazine

Concen: 4.90 ng

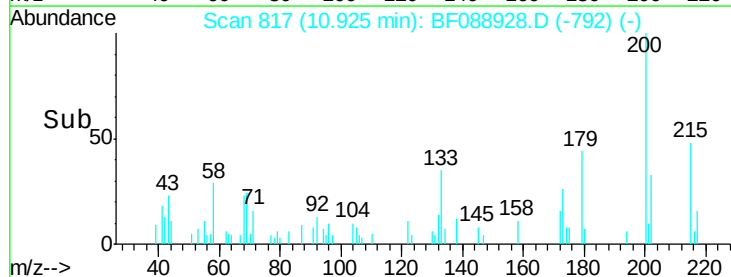
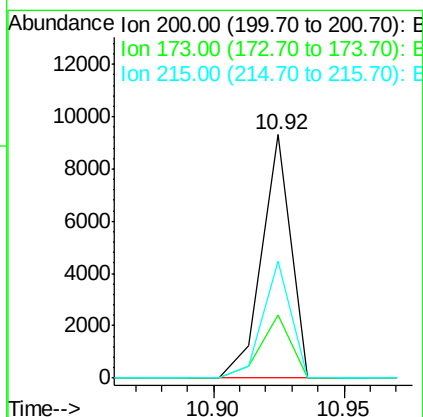
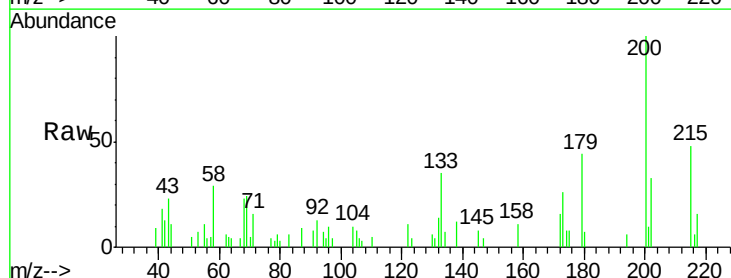
RT: 10.92 min Scan# 817

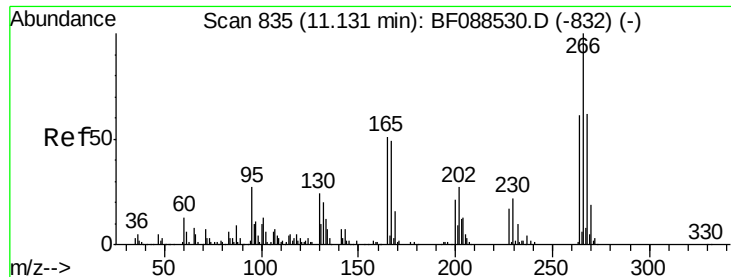
Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:	200	Resp:	7242
Ion Ratio	Lower	Upper	
200	100		
173	26.1	4.0	44.0
215	47.9	29.3	69.3





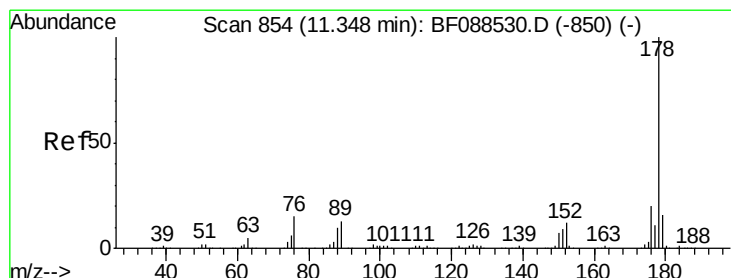
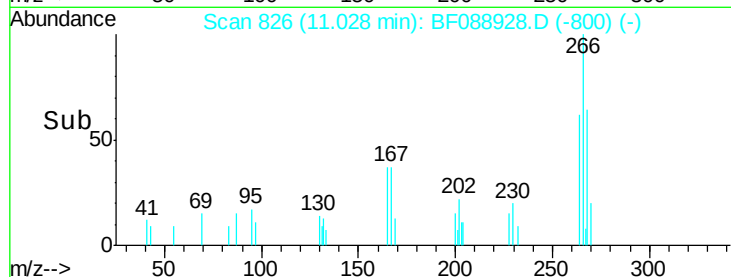
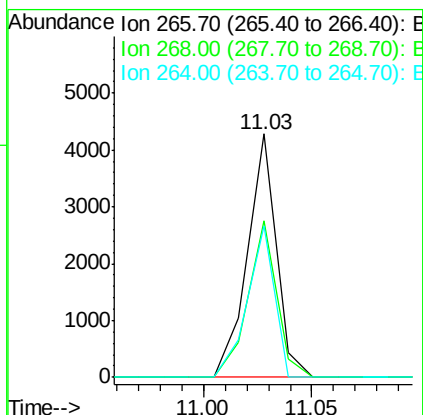
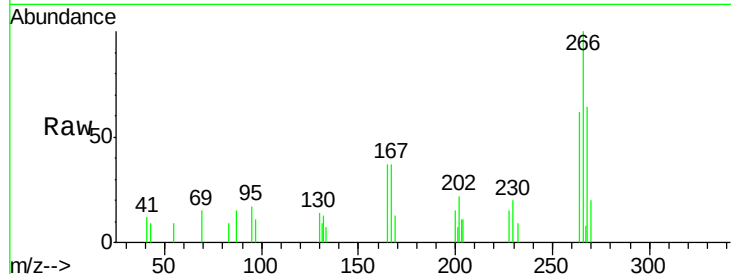
#69
 Pentachlorophenol
 Concen: 4.27 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.8	79.2
264	62.1	49.6	74.4

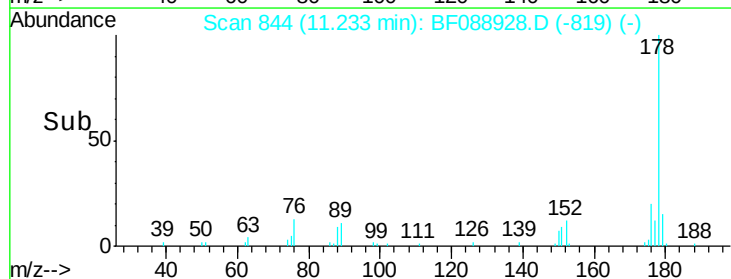
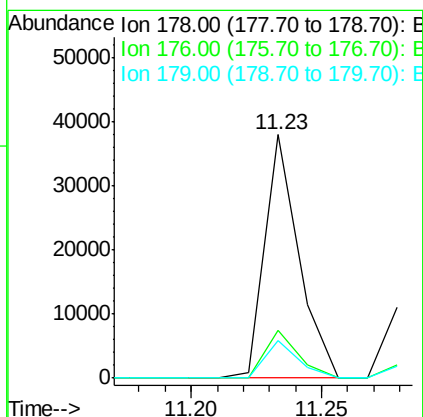
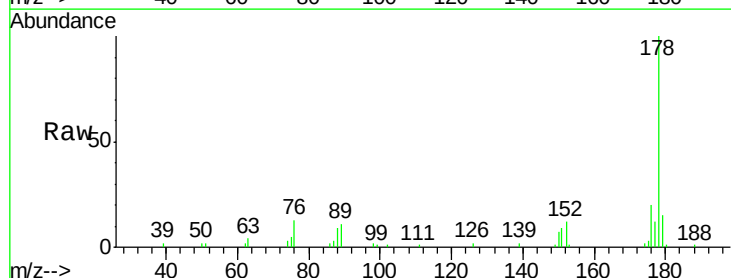
SOHIL

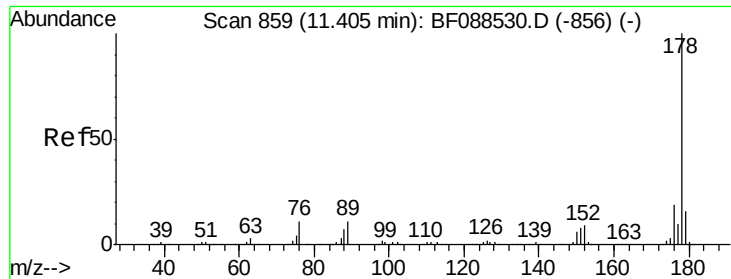
7/13/2016 9:25:36 AM



#70
 Phenanthrene
 Concen: 4.51 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.3	13.0	19.4





#71

Anthracene

Concen: 4.59 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:178 Resp: 34975

Ion Ratio Lower Upper

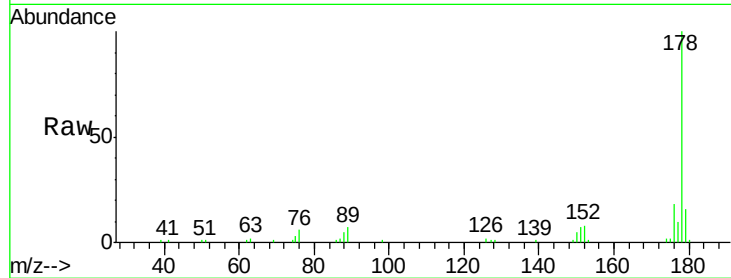
178 100

176 18.2 15.6 23.4

179 15.7 12.8 19.2

SOHIL

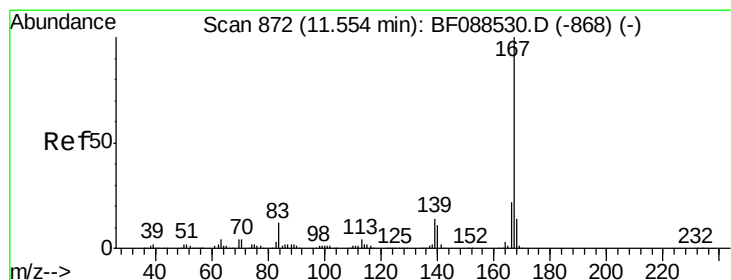
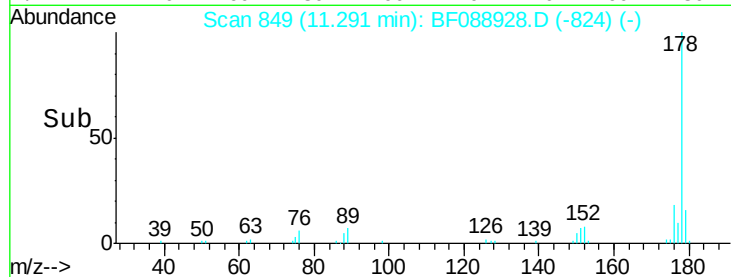
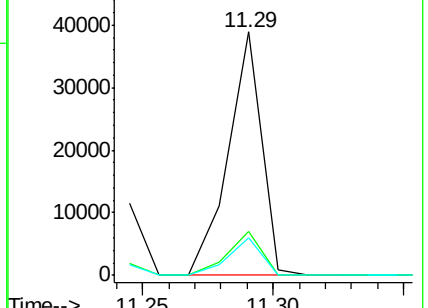
7/13/2016 9:25:36 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.83 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

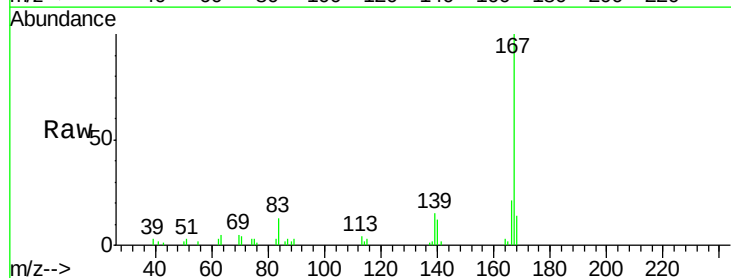
Tgt Ion:167 Resp: 27443

Ion Ratio Lower Upper

167 100

166 21.3 17.8 26.6

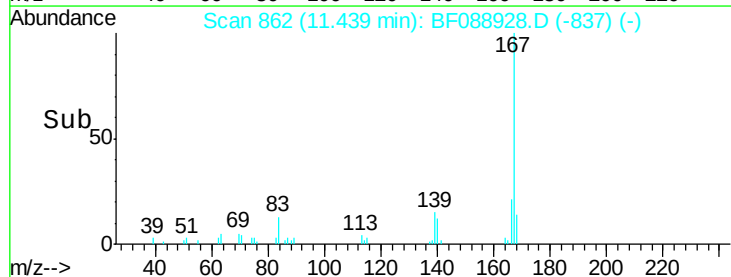
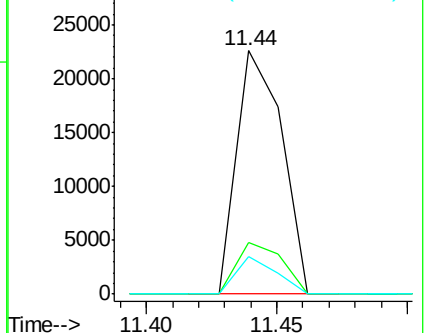
139 15.2 11.2 16.8

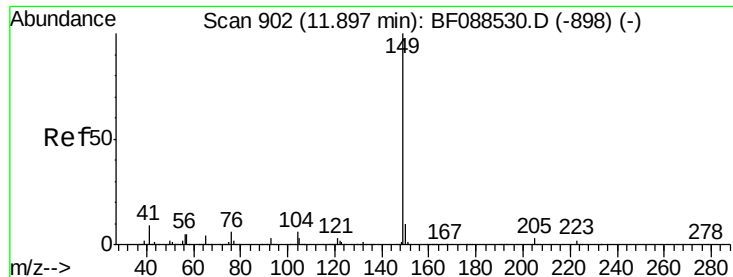


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.53 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:149 Resp: 37804

Ion Ratio Lower Upper

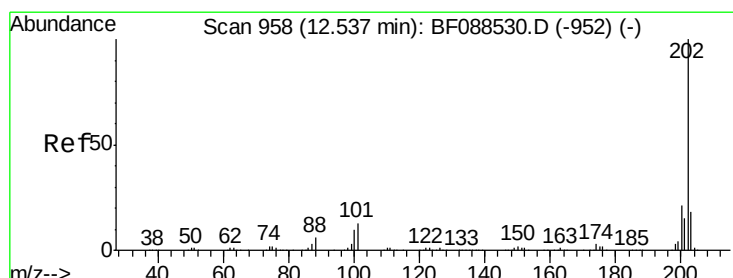
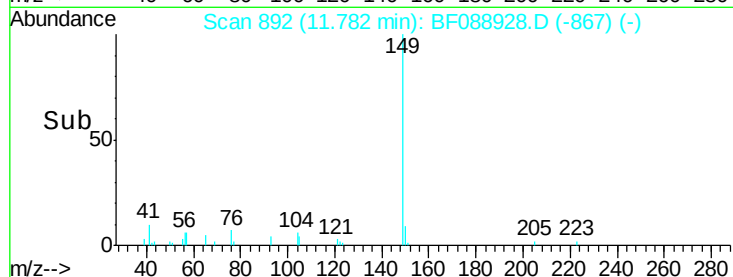
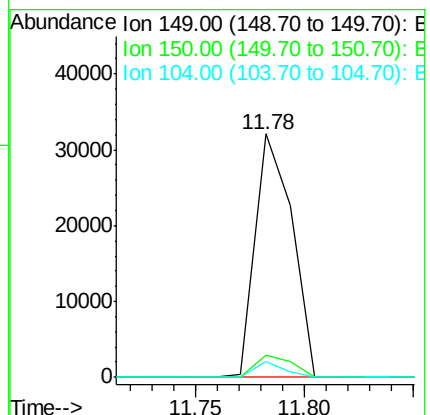
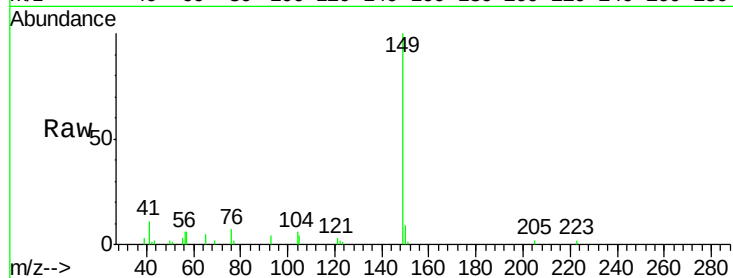
149 100

150 9.3 7.8 11.6

104 6.4 4.0 6.0#

SOHIL

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#74

Fluoranthene

Concen: 3.89 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

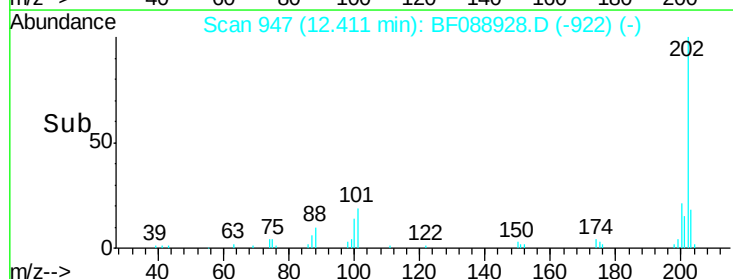
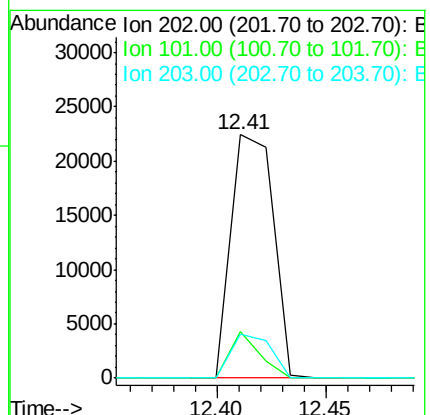
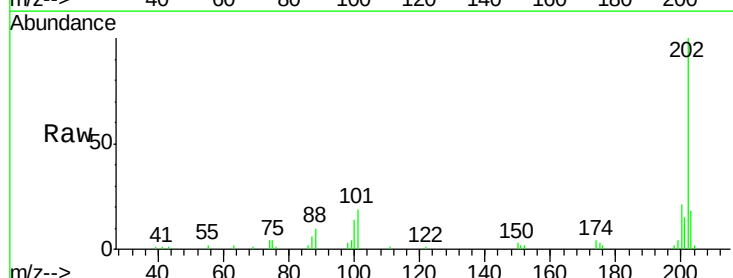
Tgt Ion:202 Resp: 30218

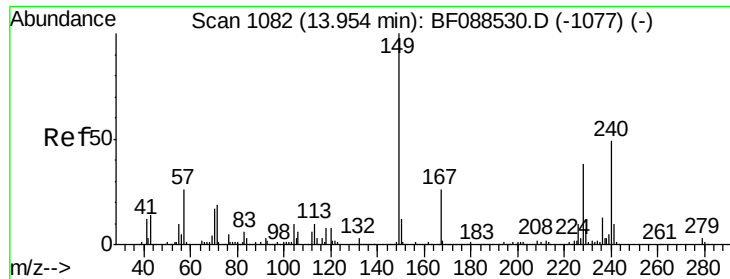
Ion Ratio Lower Upper

202 100

101 19.1 0.0 33.1

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:240 Resp: 119492

Ion Ratio Lower Upper

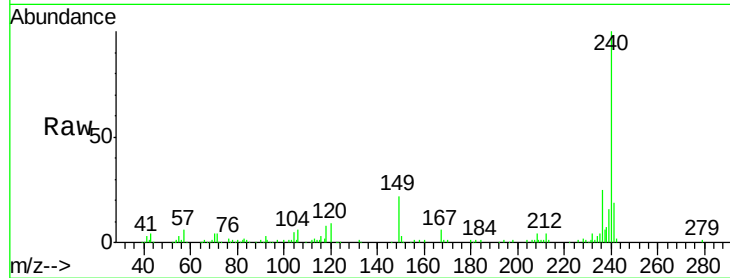
240 100

120 8.6 6.8 10.2

236 25.0 20.2 30.2

SOHIL

7/13/2016 9:25:36 AM



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

150000

100000

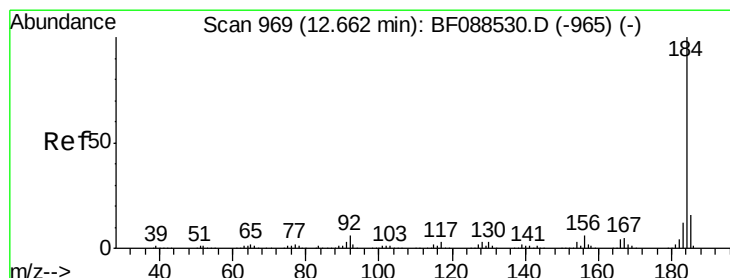
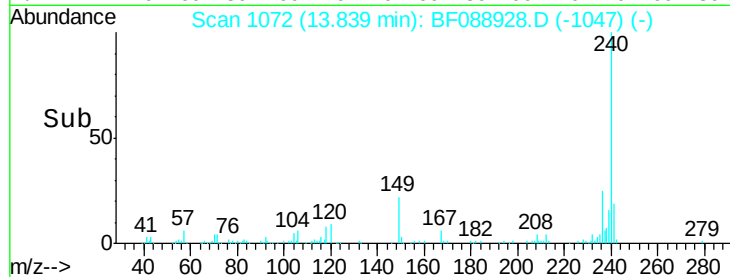
50000

0

13.84

13.75 13.80 13.85 13.90

Time-->



#76

Benzidine

Concen: 2.39 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:184 Resp: 14409

Ion Ratio Lower Upper

184 100

185 12.3 12.5 18.7#

183 11.3 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

15000

10000

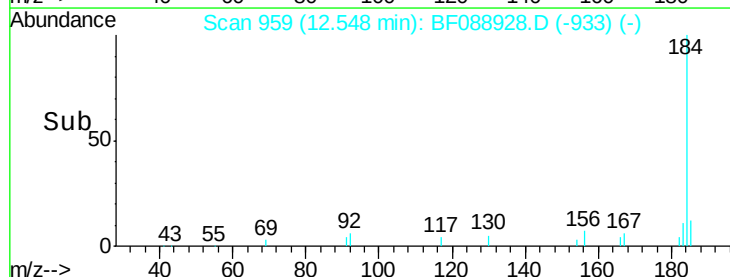
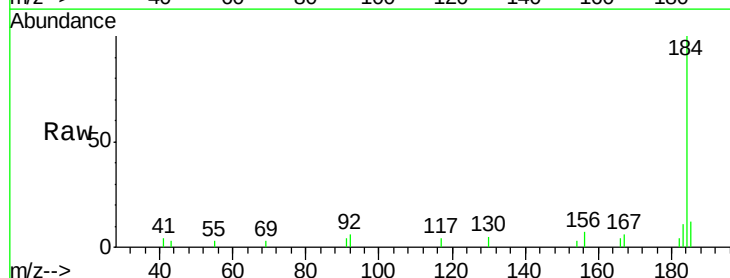
5000

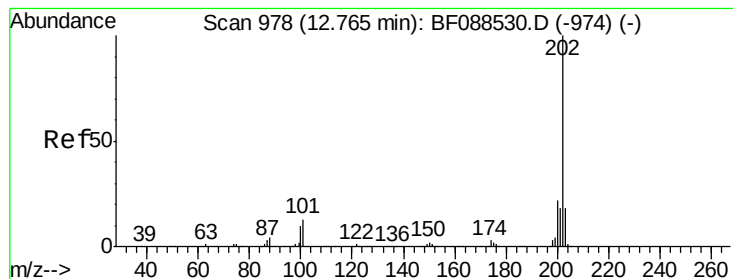
0

12.55

12.50 12.55 12.60

Time-->





#77

Pyrene

Concen: 3.13 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:202 Resp: 31678

Ion Ratio Lower Upper

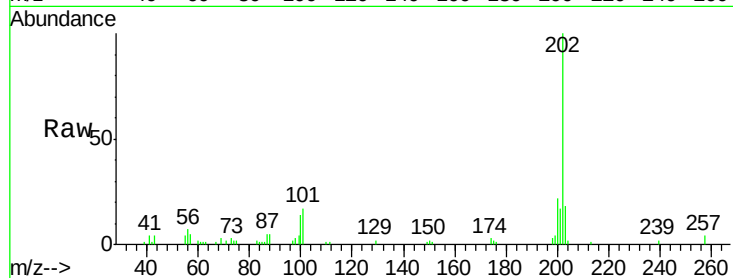
202 100

200 21.9 17.4 26.2

203 18.1 14.5 21.7

SOHIL

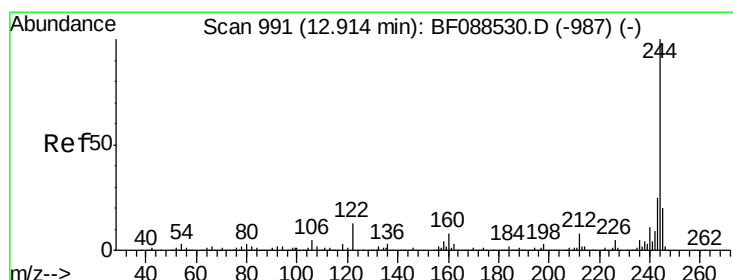
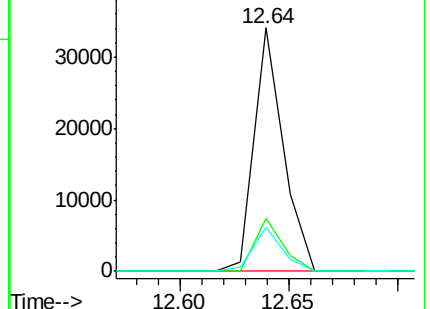
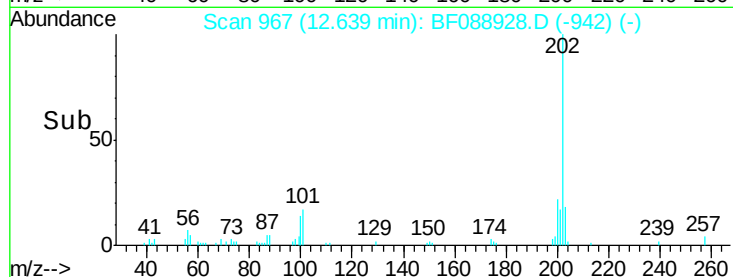
7/13/2016 9:25:36 AM



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: 7.39 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

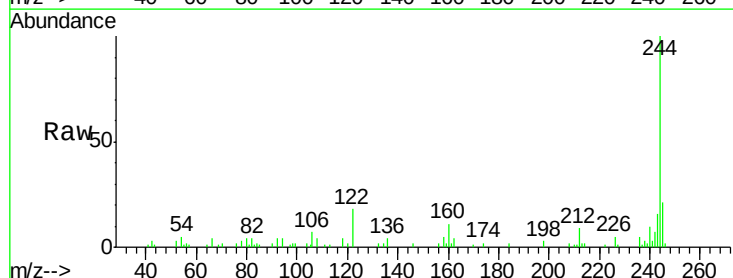
Tgt Ion:244 Resp: 39658

Ion Ratio Lower Upper

244 100

212 8.9 6.0 9.0

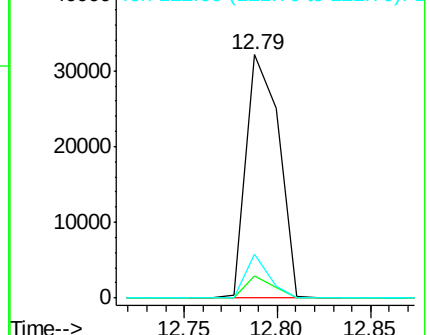
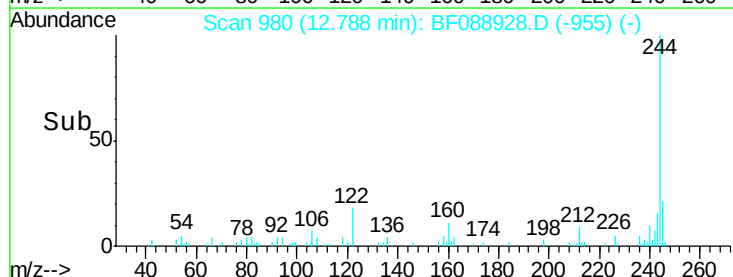
122 18.0 11.2 16.8#

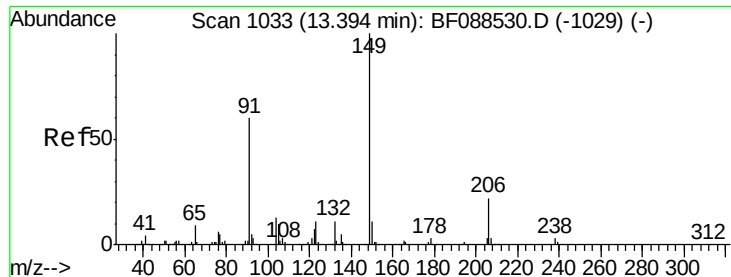


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





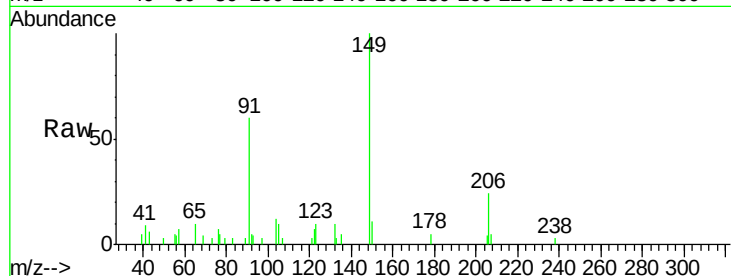
#79
Butylbenzylphthalate
Concen: 3.18 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.9	48.0	72.0
206	23.5	16.0	24.0

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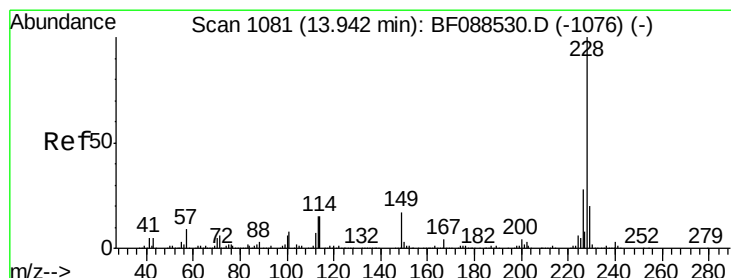
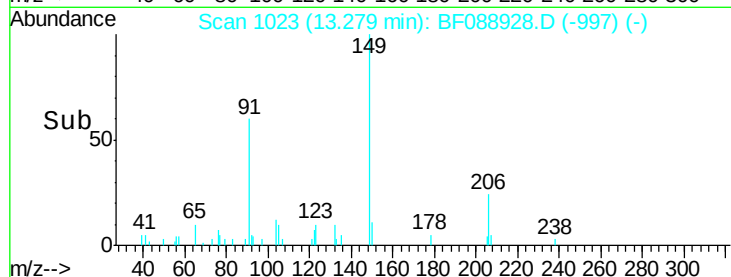
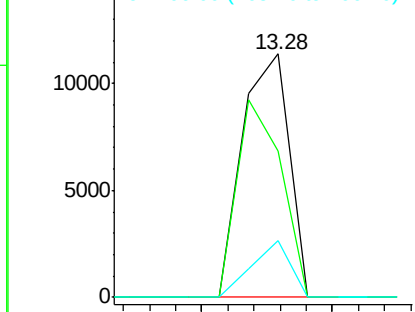


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 4.08 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

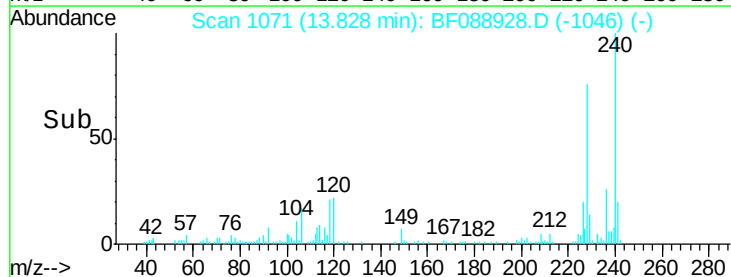
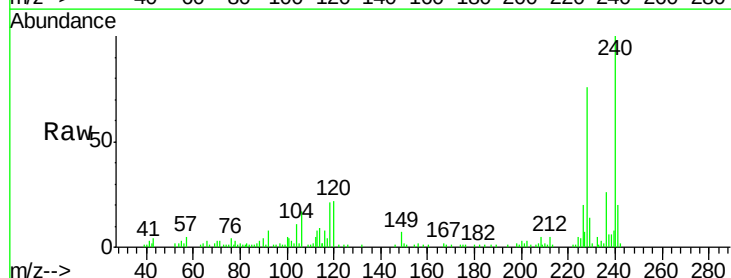
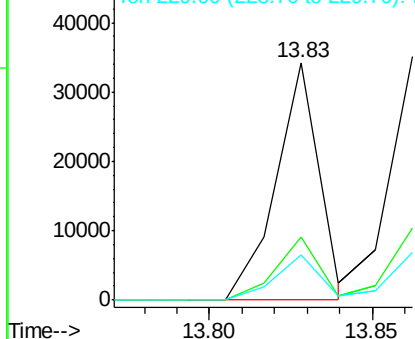
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.1	16.0	24.0

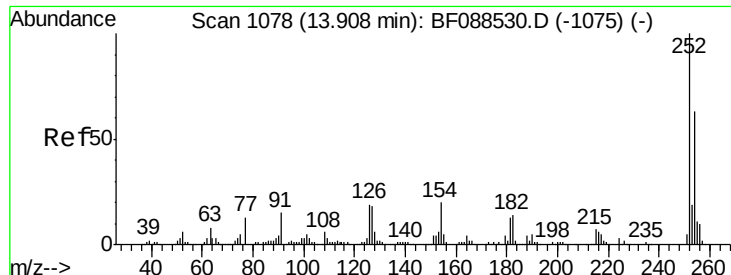
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





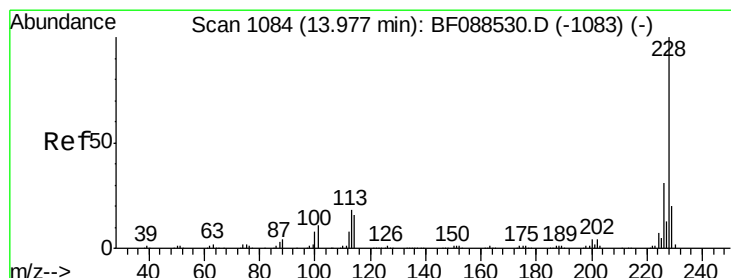
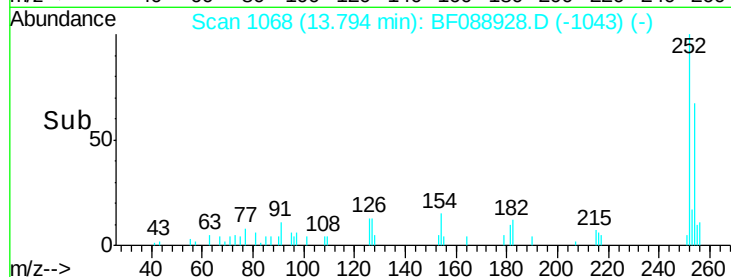
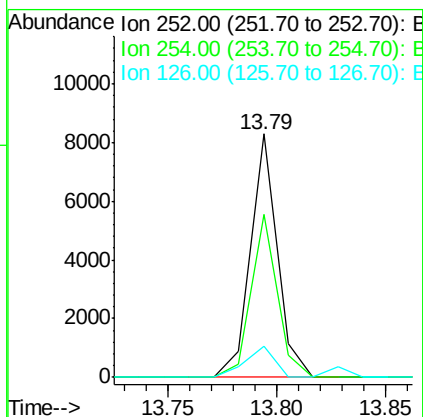
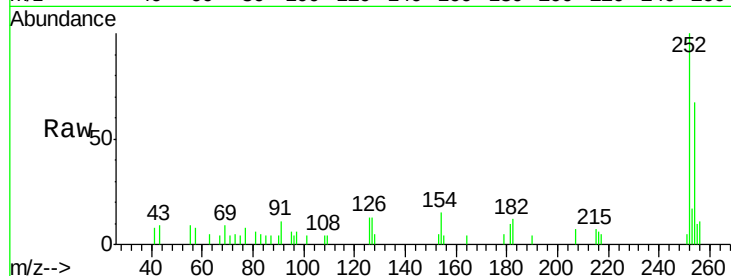
#81
 3,3'-Dichlorobenzidine
 Concen: 2.45 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleID :
 PB91808BS

Tgt Ion: 252 Resp: 7086
 Ion Ratio Lower Upper
 252 100
 254 66.8 52.6 78.8
 126 12.6 6.2 9.2#

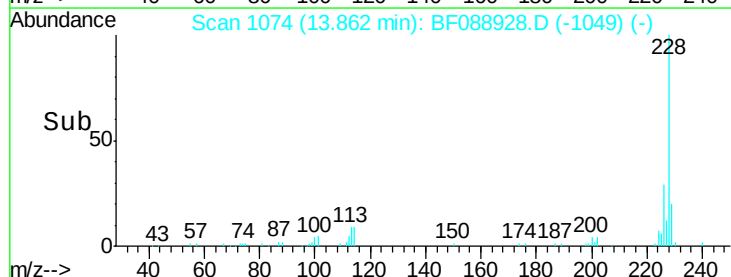
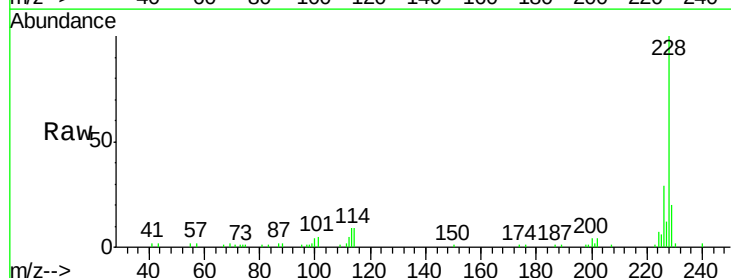
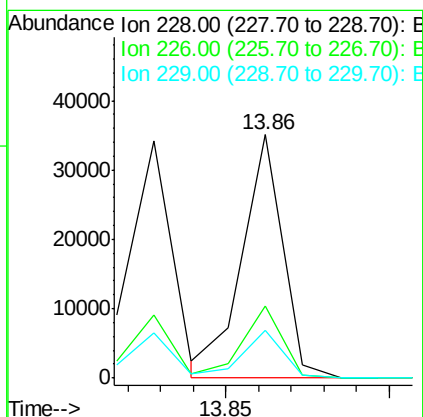
SOHIL

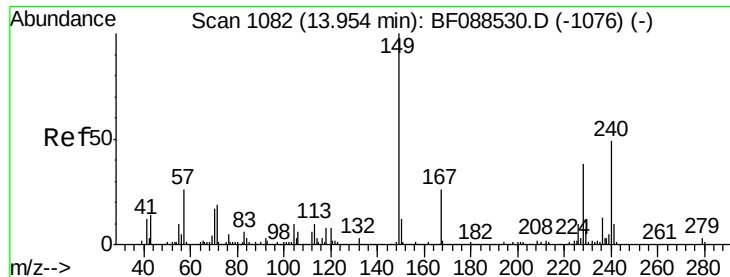
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#82
 Chrysene
 Concen: 3.98 ng m
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 228 Resp: 30312
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.4 38.2
 229 19.7 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.39 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:149 Resp: 22652

Ion Ratio Lower Upper

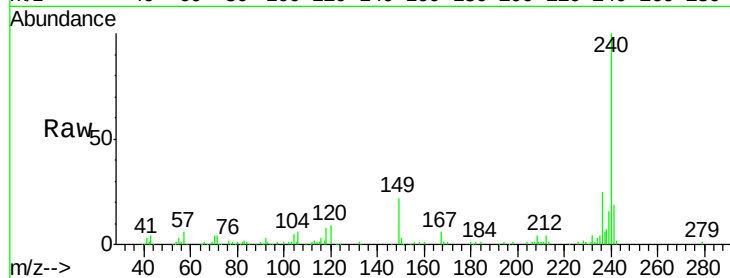
149 100

167 26.7 20.5 30.7

279 3.0 2.0 3.0

SOHIL

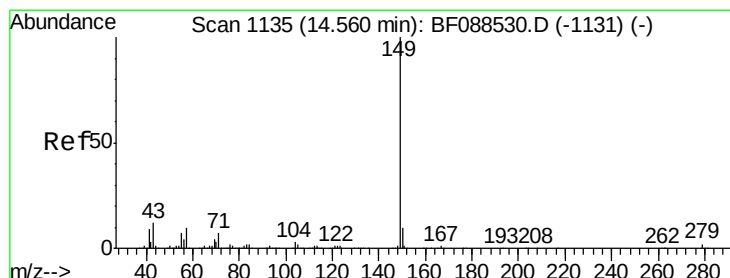
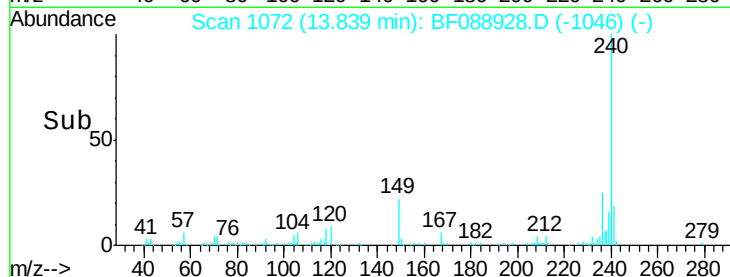
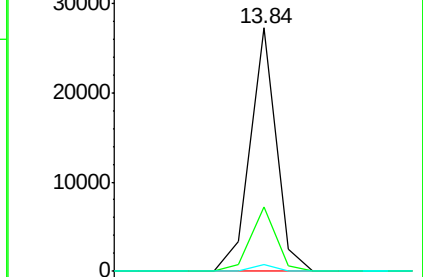
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.67 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

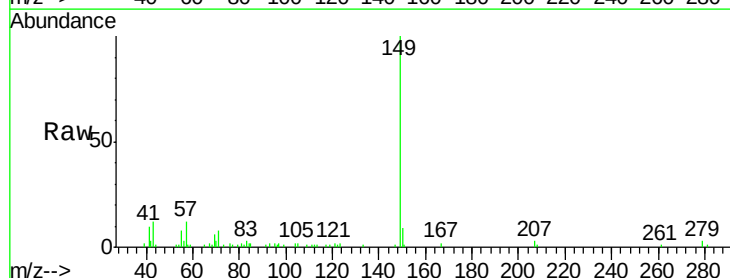
Tgt Ion:149 Resp: 40921

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

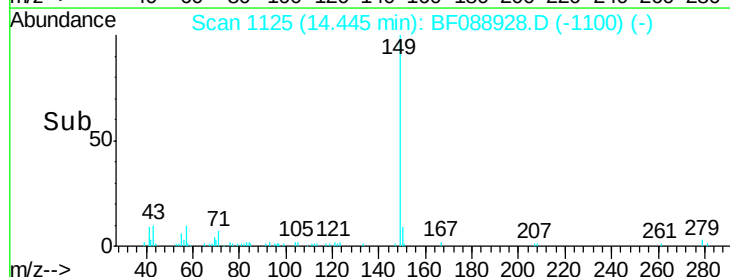
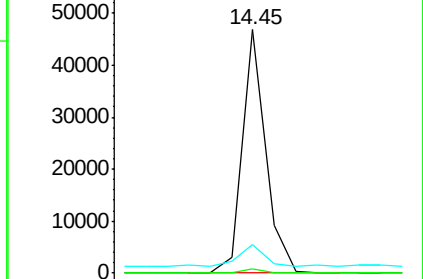
43 12.7 0.0 0.0#

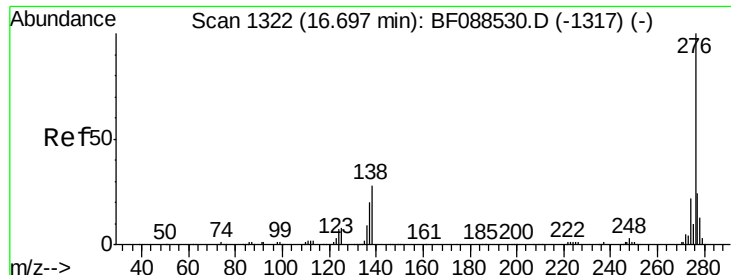


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





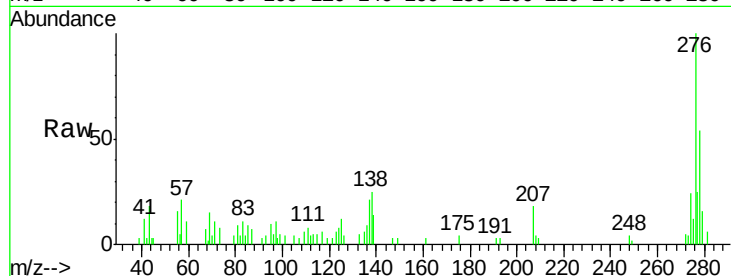
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.38 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

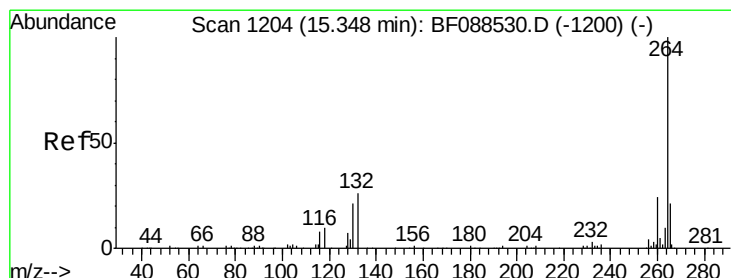
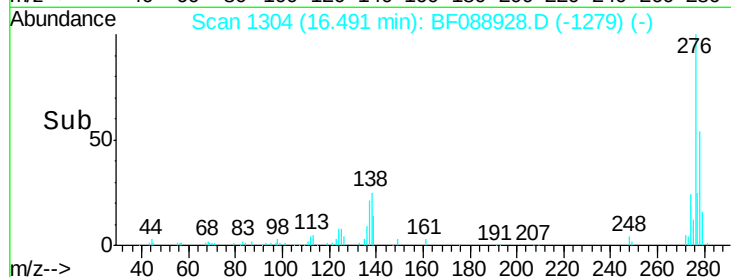
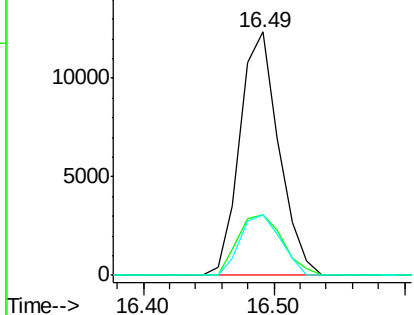
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	25.9	0.0	0.0#

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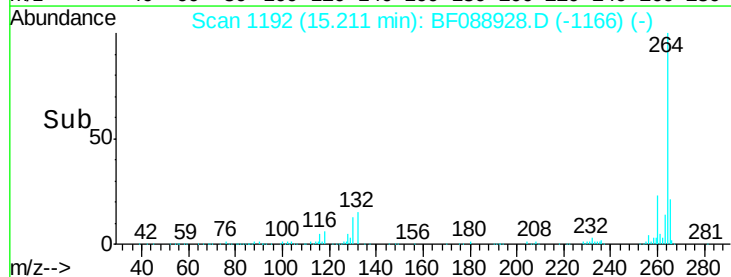
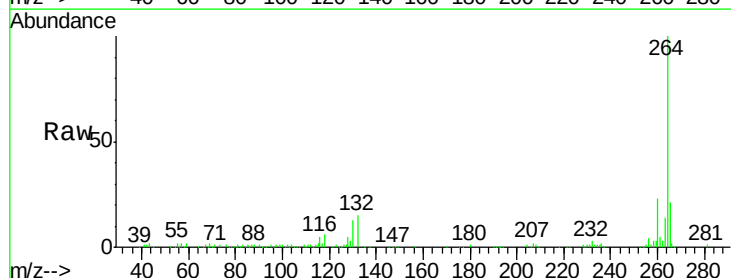
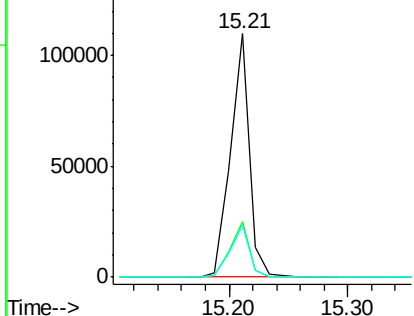
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

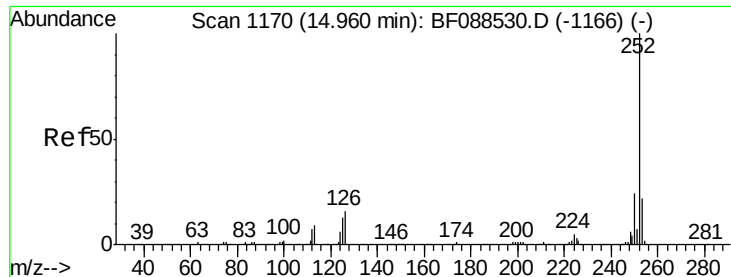


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





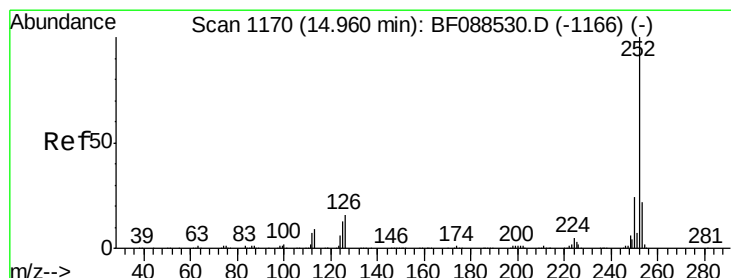
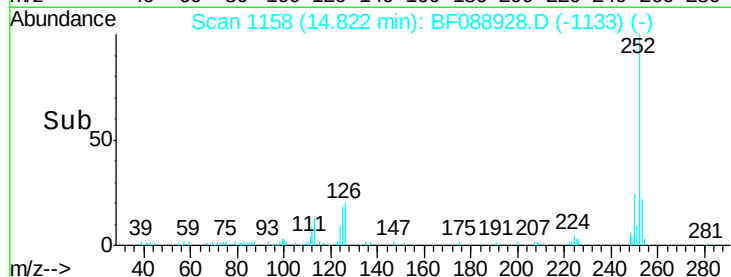
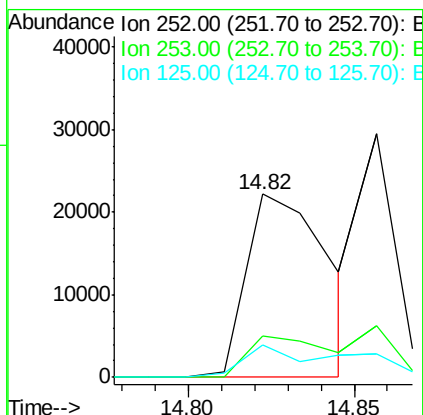
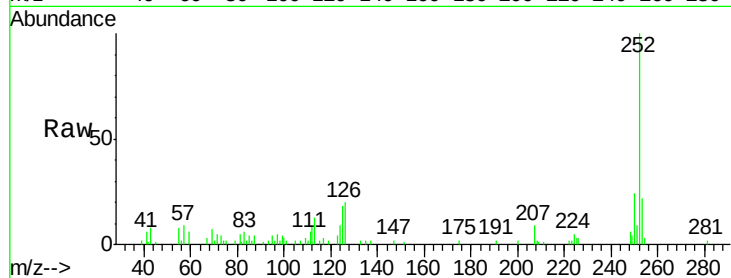
#87
Benzo(b)fluoranthene
Concen: 5.03 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 252 Resp: 38038
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 17.9 7.1 10.7#

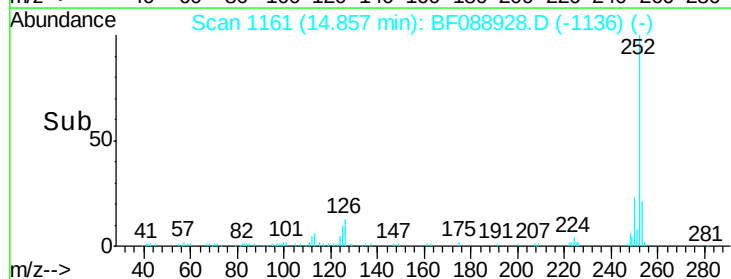
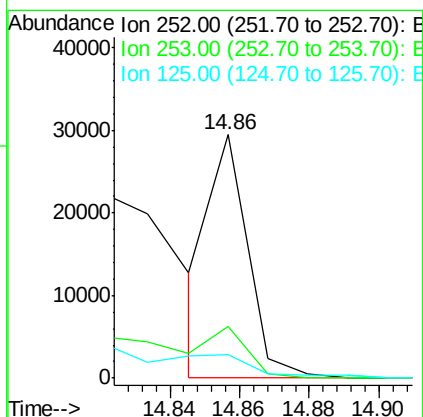
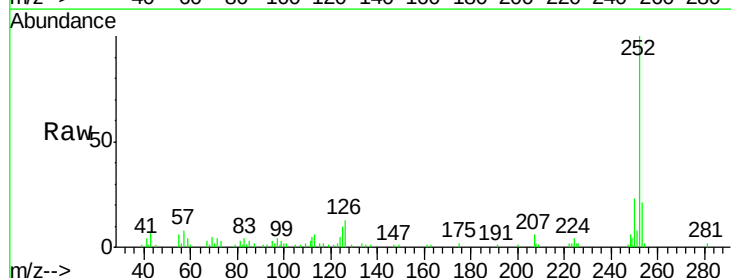
SOHIL

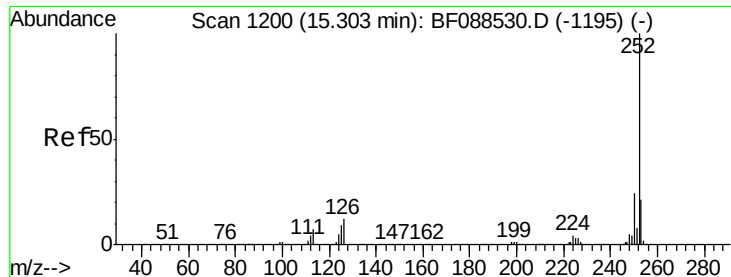
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#88
Benzo(k)fluoranthene
Concen: 3.37 ng m
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 252 Resp: 22179
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 9.8 11.2 16.8#





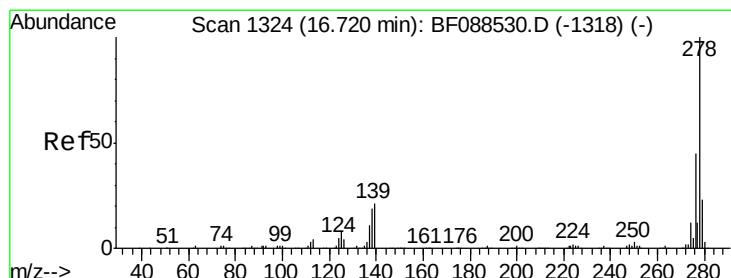
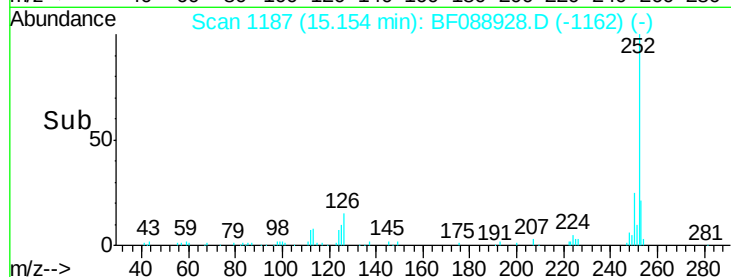
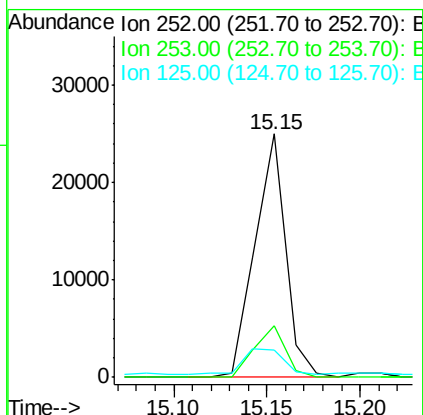
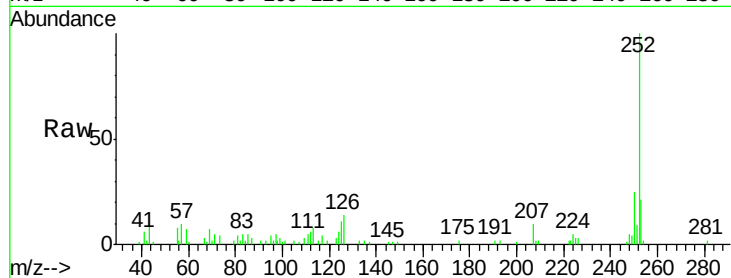
#89
Benzo(a)pyrene
Concen: 4.44 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	11.0	12.5	18.7

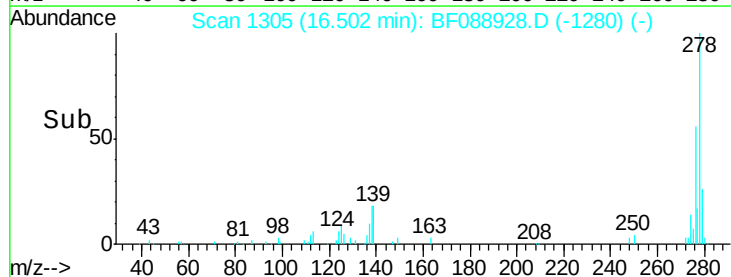
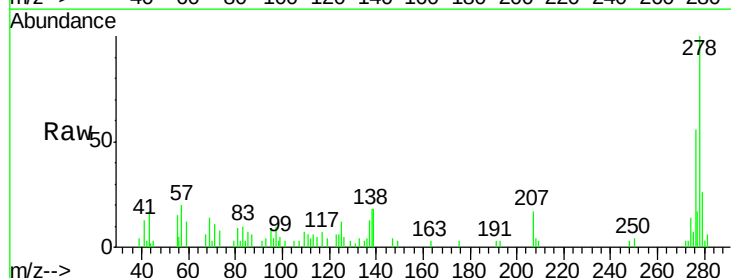
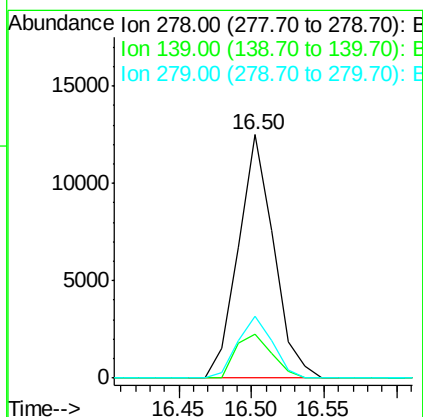
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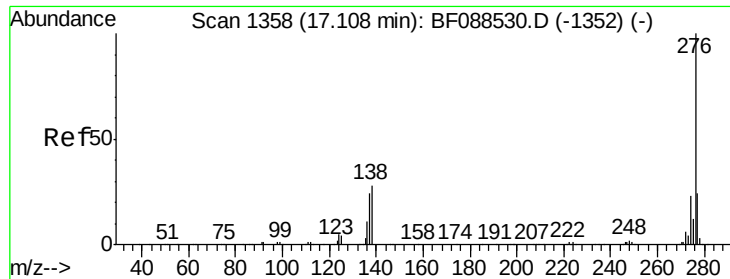
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#90
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	25.6	19.4	29.2





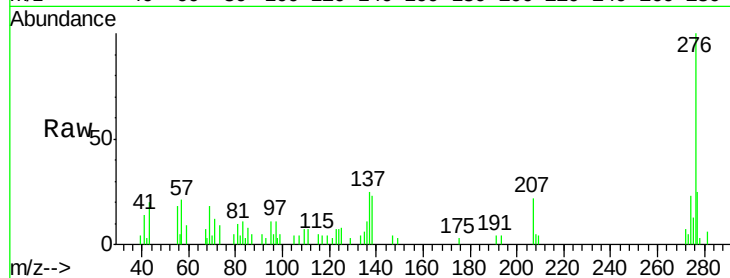
#91
 Benzo(g,h,i)perylene
 Concen: 3.59 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	23.5	21.4	32.2

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

